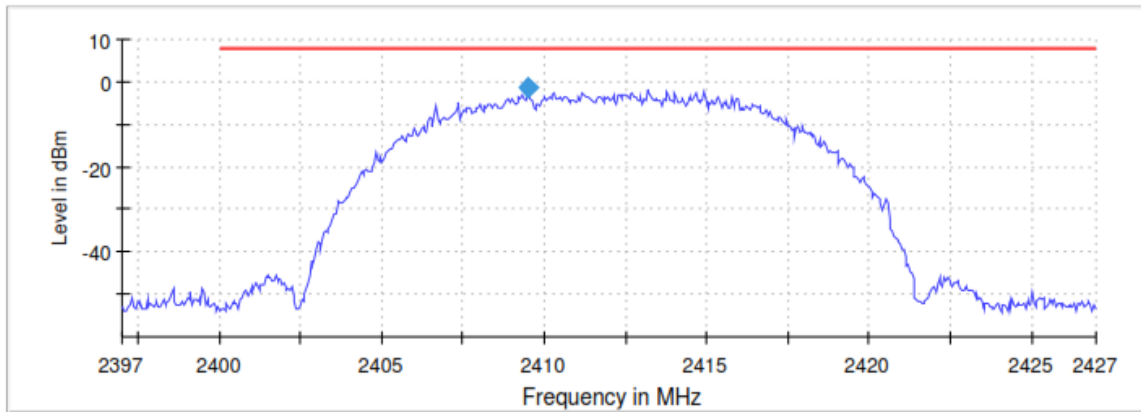


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (b mode SISO)
TEST RESULTS:	PASS

Radio B

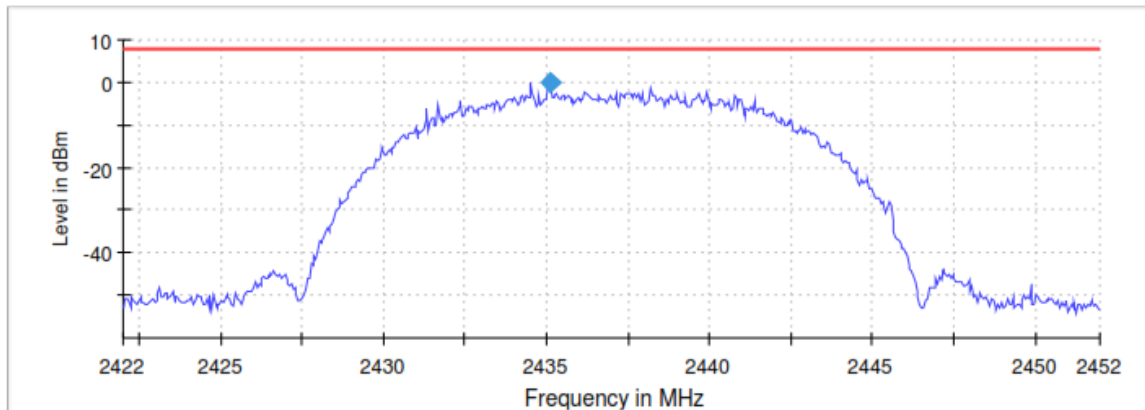
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-1.419	-0.050	-0.290

Lowest Channel



— Limit — Sum Level ◆ PSD

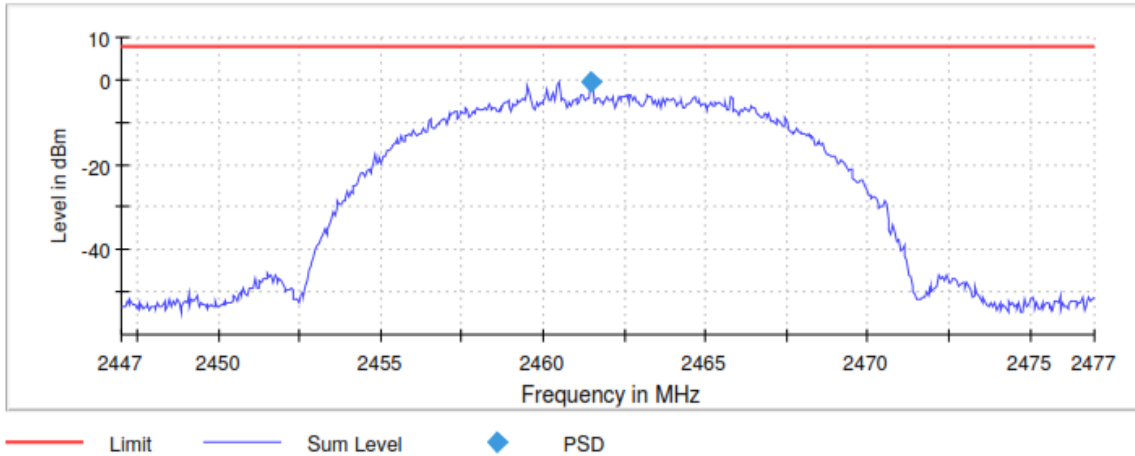
Middle Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Highest Channel



Measurement

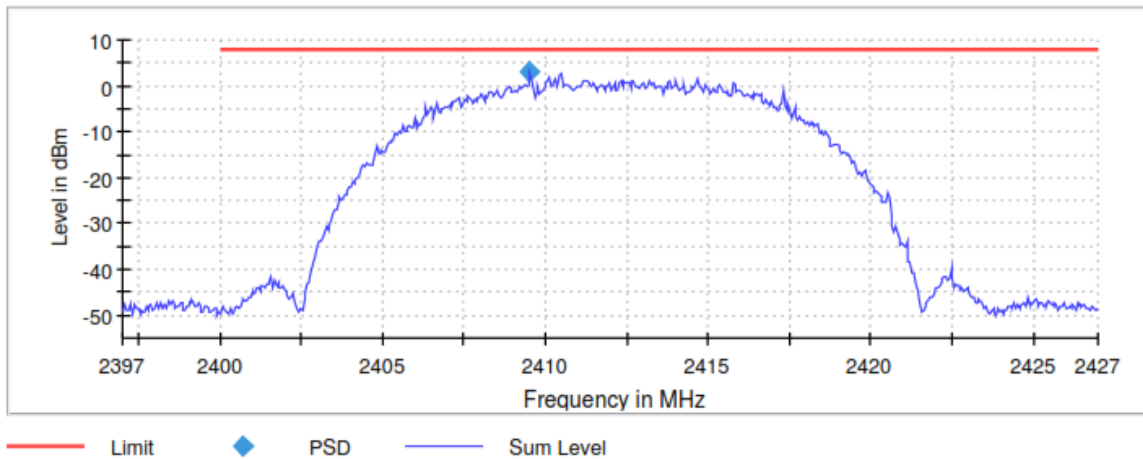
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700 GHz	2.42200 GHz	2.44700 GHz
Stop Frequency	2.42700 GHz	2.45200 GHz	2.47700 GHz
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000 kHz
VBW	300.000 kHz	300.000 kHz	300.000 kHz
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	77 / max.150	69 / max.	61 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.1 dB	0.14 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (b mode MIMO)
TEST RESULTS:	PASS

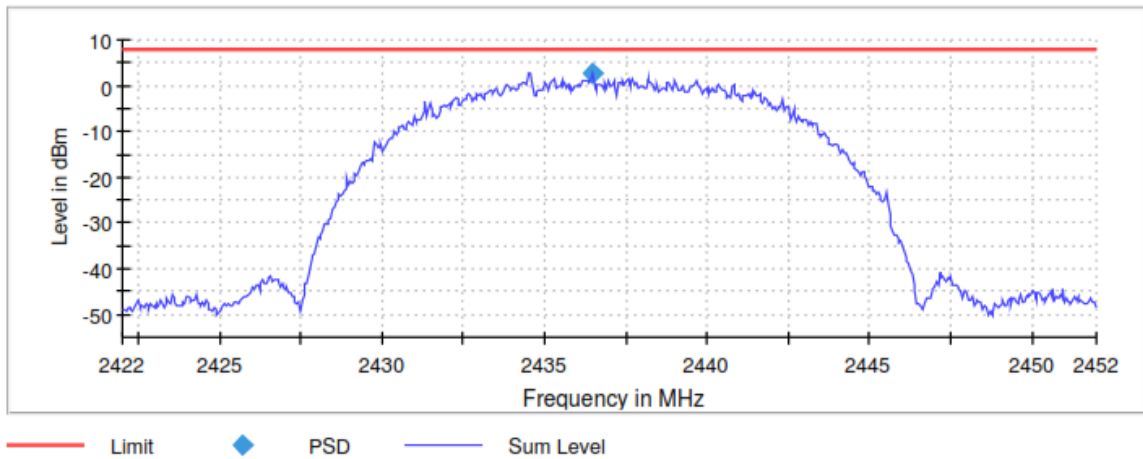
Radio A + B

	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	3.110	2.731	3.234

Lowest Channel

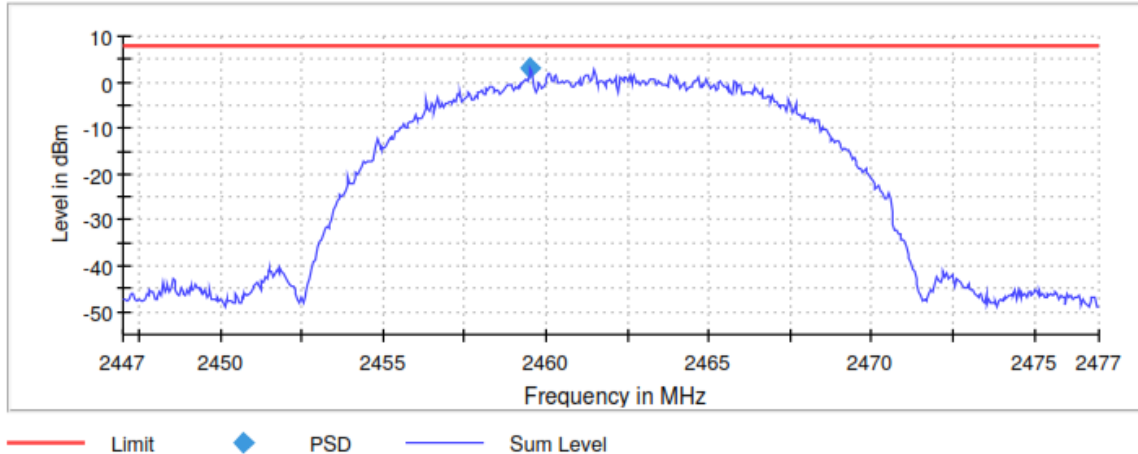


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

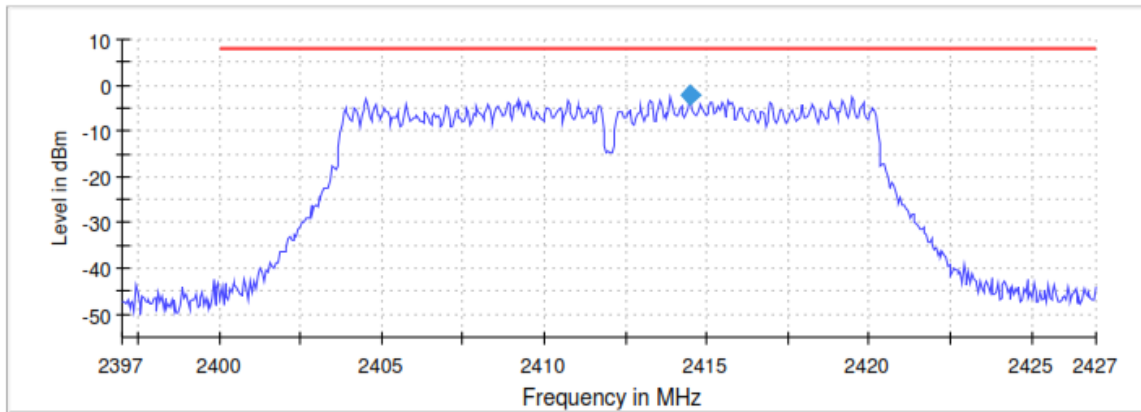
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700 GHz	2.42200 GHz	2.44700
Stop Frequency	2.42700 GHz	2.45200 GHz	2.47700
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	86 / max.	54 / max.	75 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.13 dB	0.21 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (g mode SISO)
TEST RESULTS:	PASS

Radio A

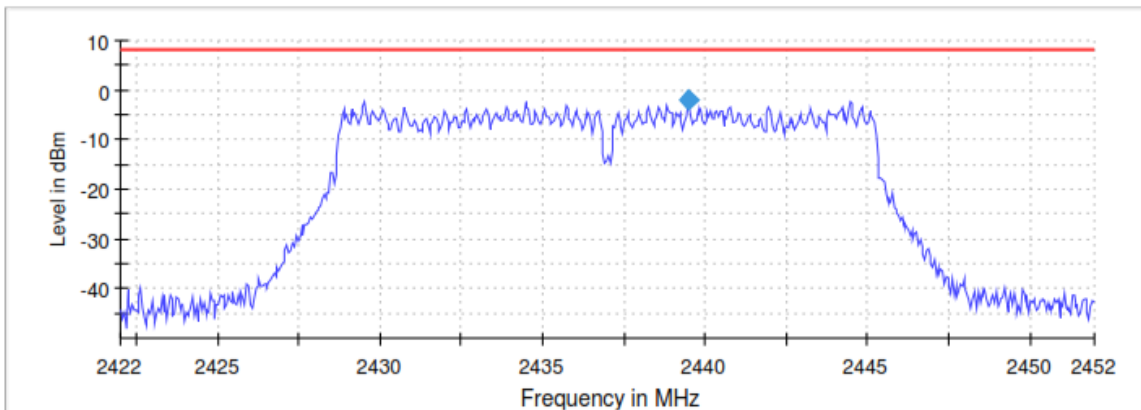
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-2.091	-2.183	-2.088

Lowest Channel



— Limit — Sum Level ◆ PSD

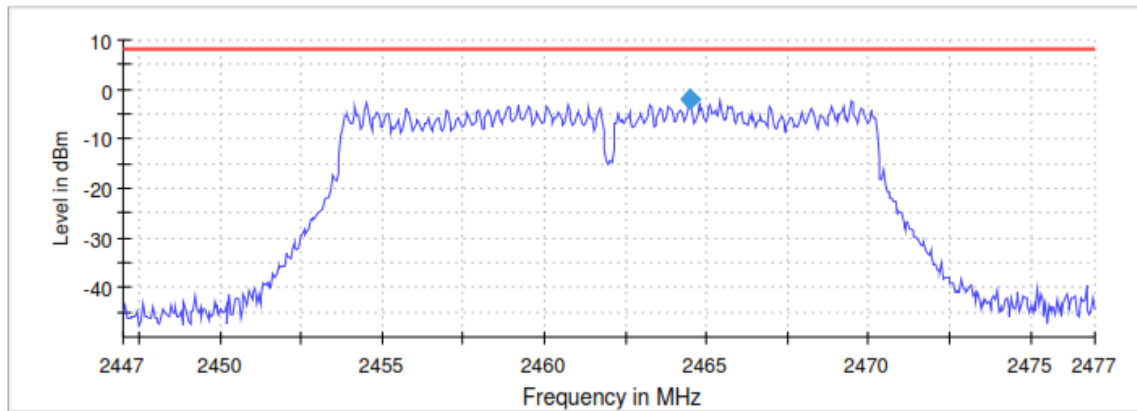
Middle Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Highest Channel



— Limit — Sum Level ◆ PSD

Measurement

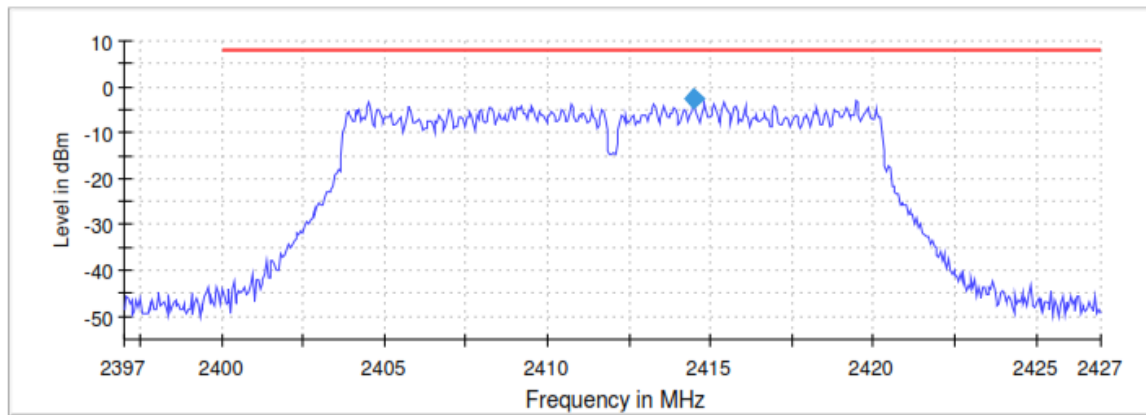
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700	2.42200 GHz	2.44700
Stop Frequency	2.42700	2.45200 GHz	2.47700
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	83 / max.	95 / max.	85 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.40 dB	0.00 dB	0.49 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (g mode SISO)
TEST RESULTS:	PASS

Radio B

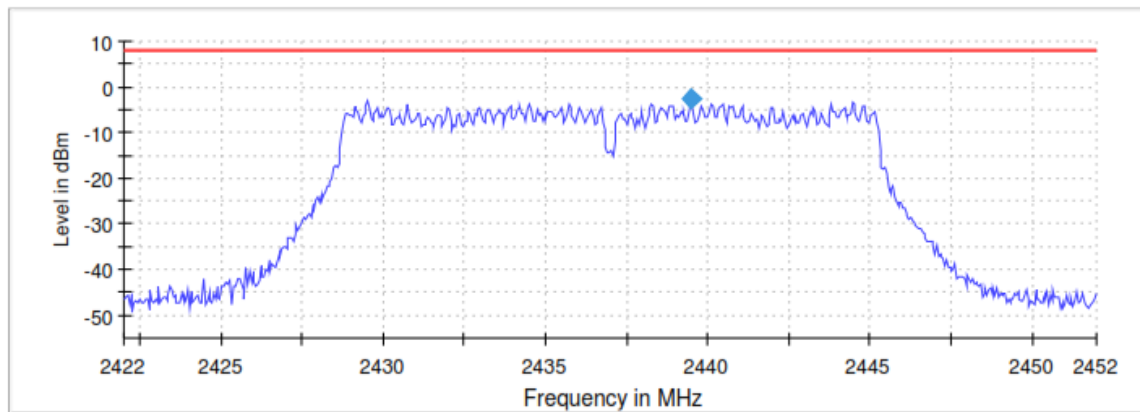
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-2.747	-2.764	-2.524

Lowest Channel



— Limit — Sum Level ◆ PSD

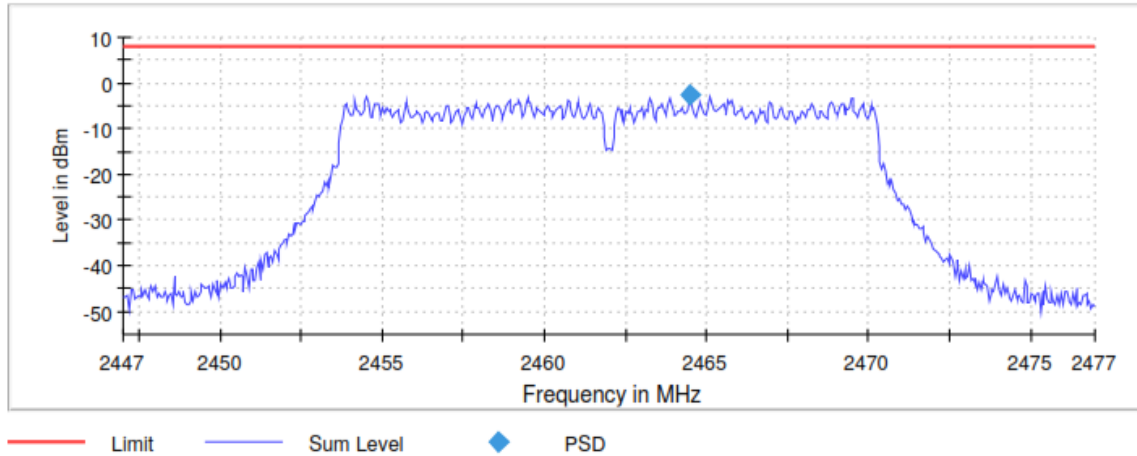
Middle Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Highest Channel



Measurement

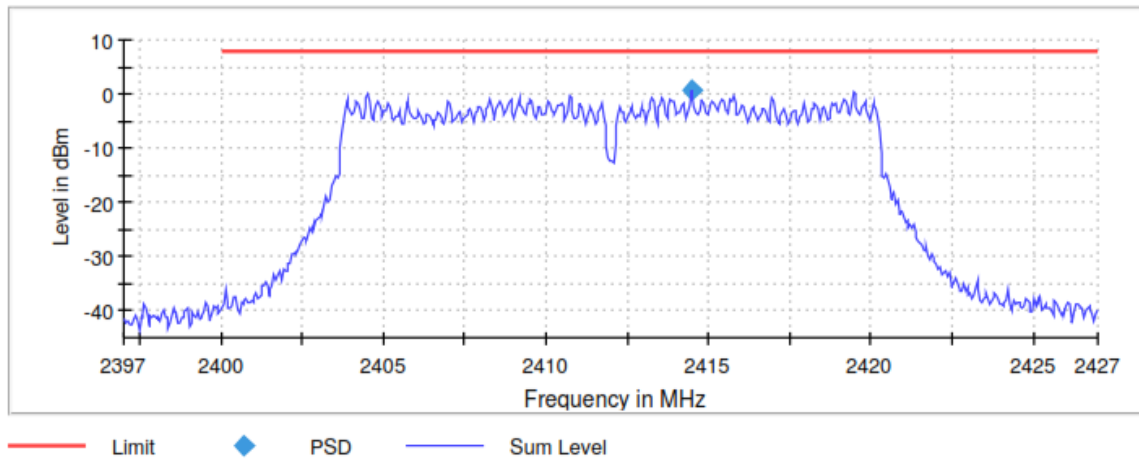
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700 GHz	2.42200 GHz	2.44700 GHz
Stop Frequency	2.42700 GHz	2.45200 GHz	2.47700 GHz
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000 kHz
VBW	300.000 kHz	300.000 kHz	300.000 kHz
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	87 / max.150	112 / max.	119 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.19 dB	0.37 dB	0.50 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (g mode MIMO)
TEST RESULTS:	PASS

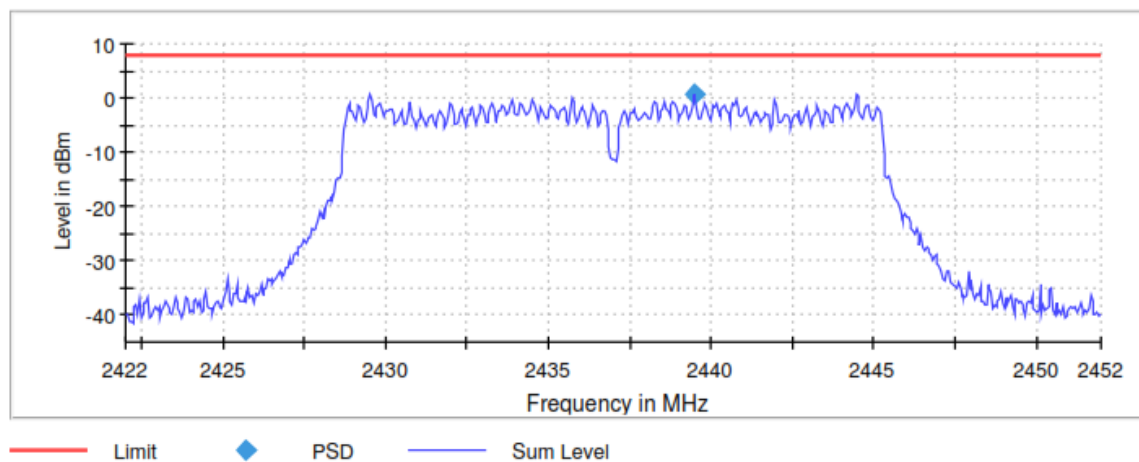
Radio A + B

	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	0.687	0.837	0.827

Lowest Channel

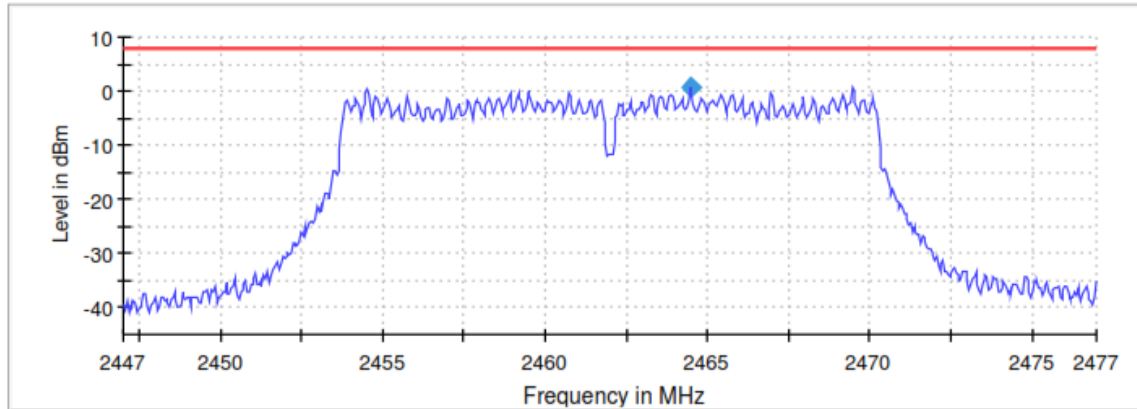


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



— Limit ◆ PSD — Sum Level

Measurement

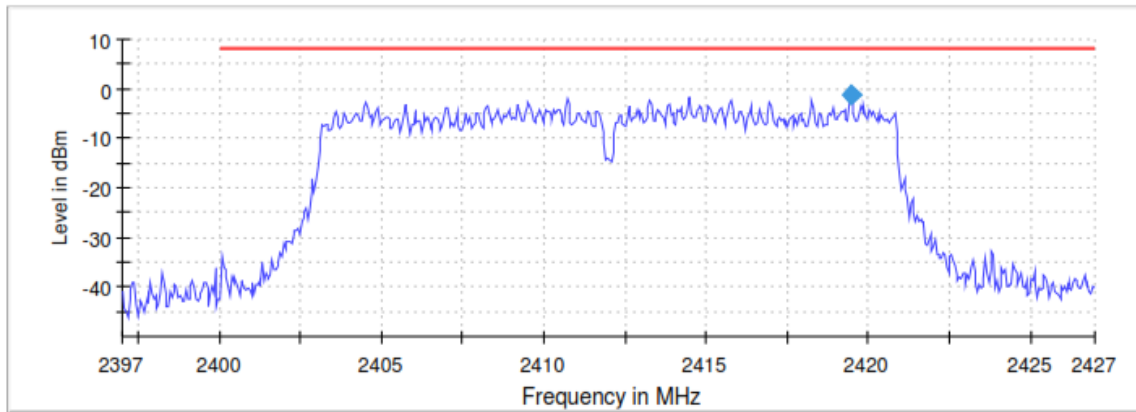
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700	2.42200 GHz	2.44700
Stop Frequency	2.42700	2.45200 GHz	2.47700
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	98 / max.	115 / max.	121 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.00 dB	0.00 dB	0.36 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (n20 mode SISO)
TEST RESULTS:	PASS

Radio A

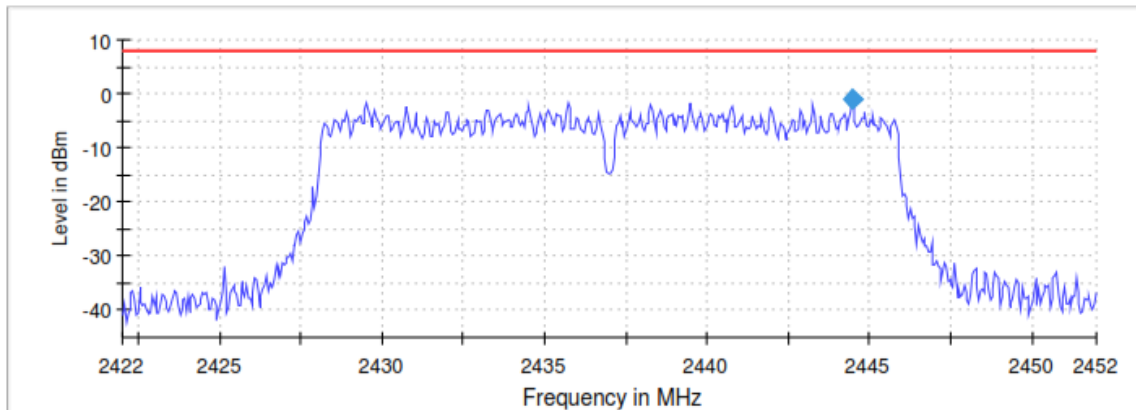
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-1.358	-1.098	-1.448

Lowest Channel



— Limit — Sum Level ◆ PSD

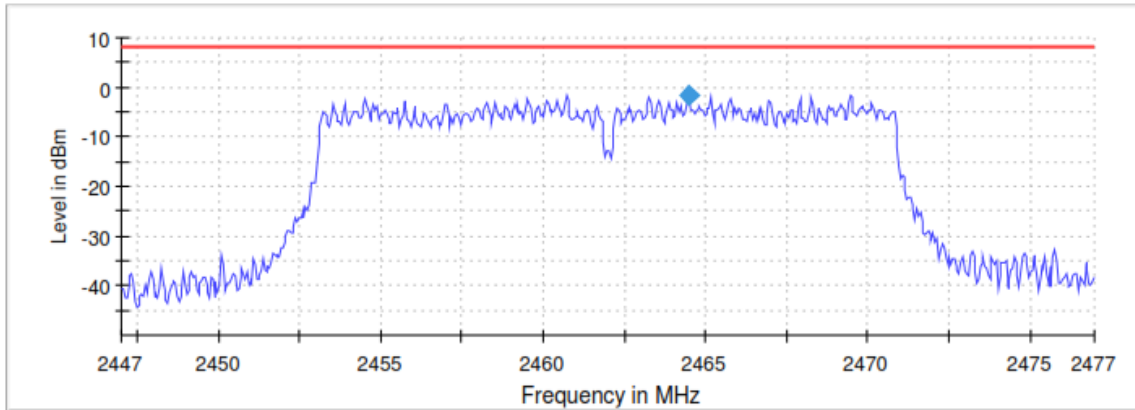
Middle Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Highest Channel



— Limit — Sum Level ◆ PSD

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700	2.42200 GHz	2.44700
Stop Frequency	2.42700	2.45200 GHz	2.47700
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	72 / max.	64 / max.	113 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.00 dB	0.44 dB	0.31 dB

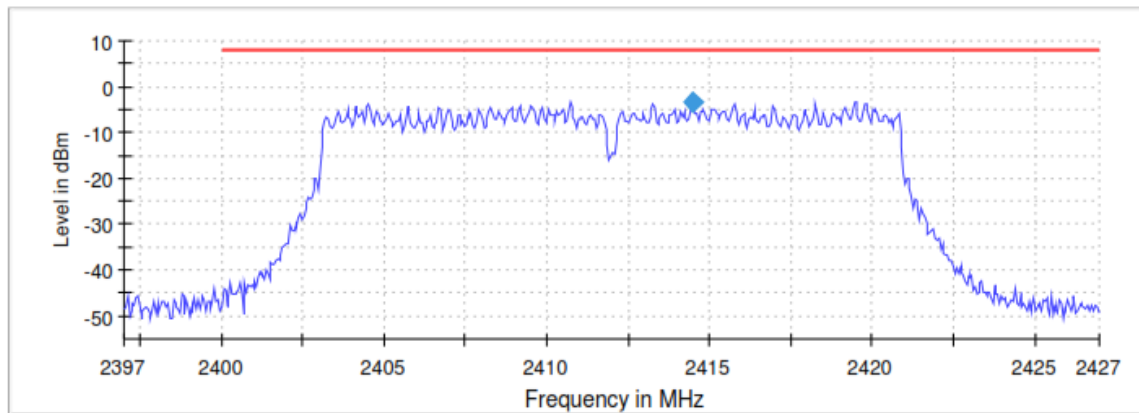
1

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (n20 mode SISO)
TEST RESULTS:	PASS

Radio B

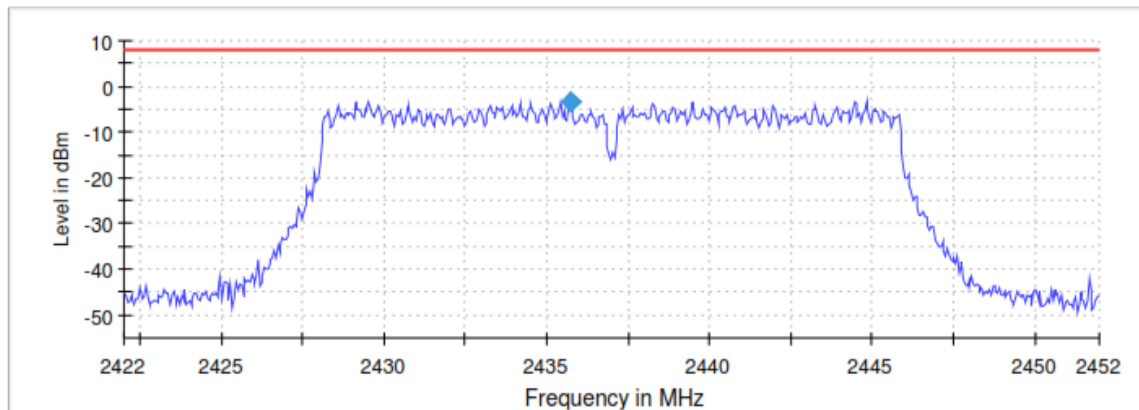
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-3.243	-3.274	-2.869

Lowest Channel



— Limit — Sum Level ◆ PSD

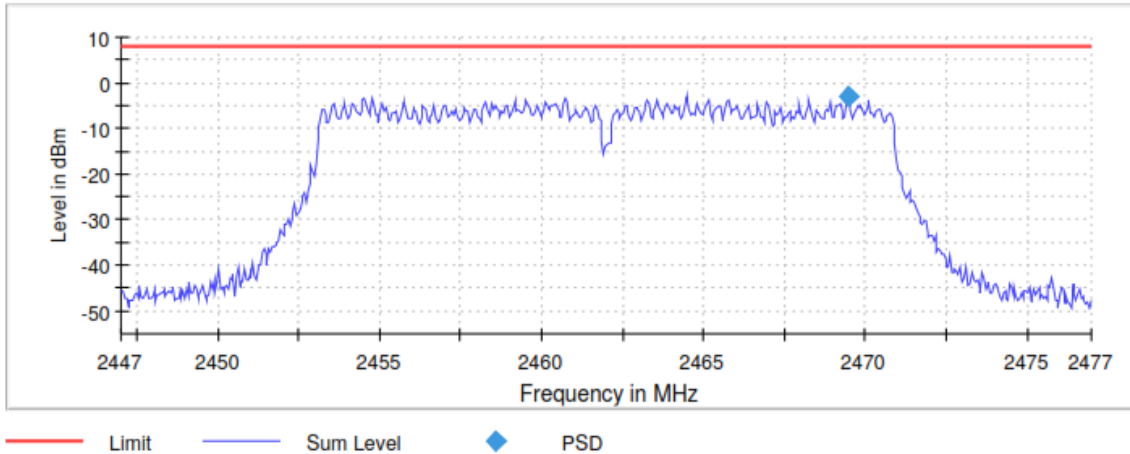
Middle Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Highest Channel



Measurement

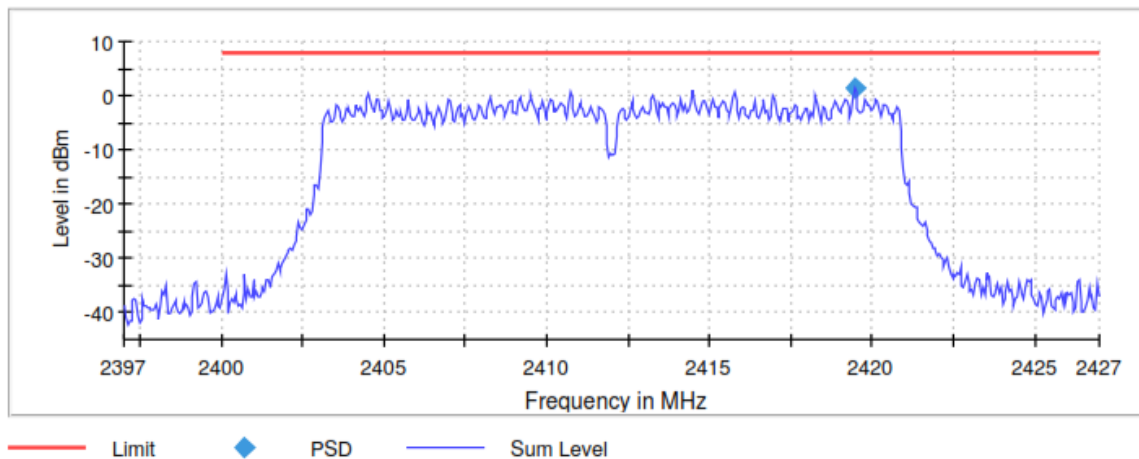
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700 GHz	2.42200 GHz	2.44700 GHz
Stop Frequency	2.42700 GHz	2.45200 GHz	2.47700 GHz
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000 kHz
VBW	300.000 kHz	300.000 kHz	300.000 kHz
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	85 / max.	115 / max.	119 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.46 dB	0.49 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (n20 mode MIMO)
TEST RESULTS:	PASS

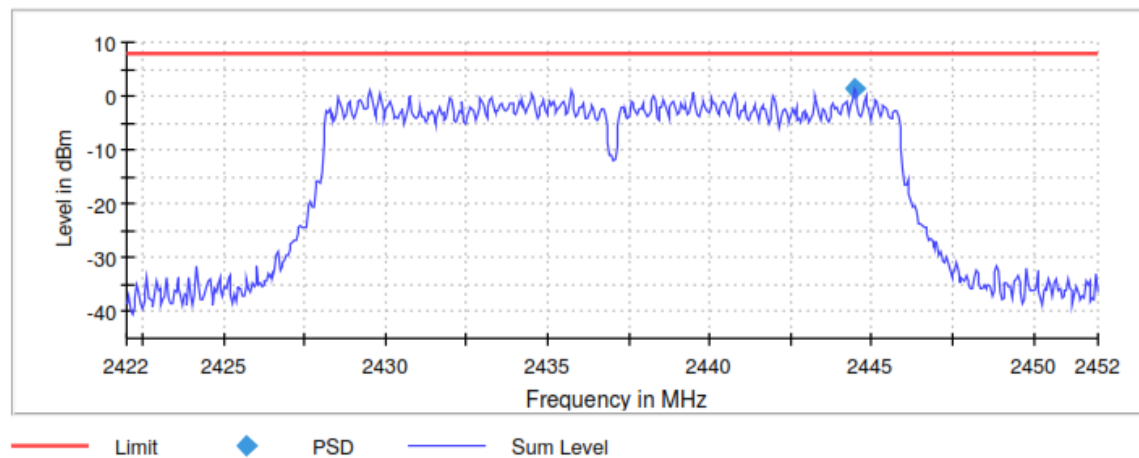
Radio A + B

	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	1.347	1.376	1.185

Lowest Channel

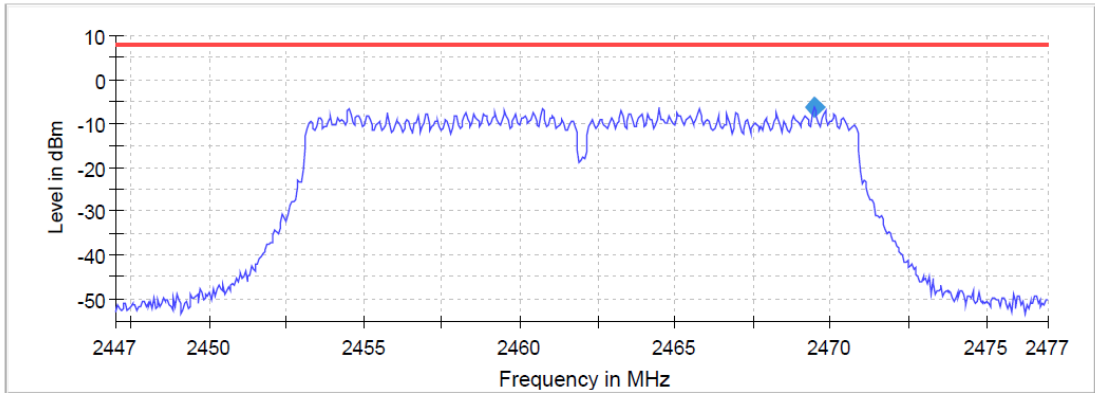


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



— Limit ◆ PSD — Sum Level

Measurement

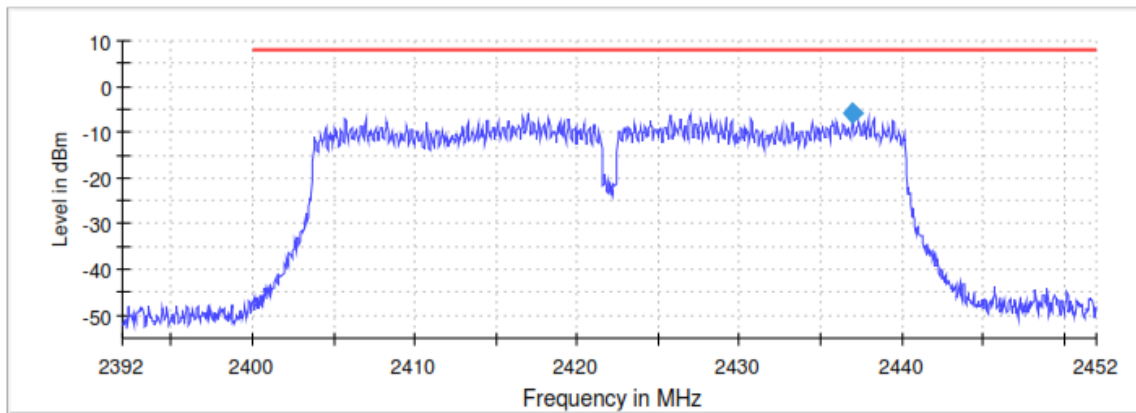
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700 GHz	2.42200 GHz	2.44700 GHz
Stop Frequency	2.42700 GHz	2.45200 GHz	2.47700 GHz
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000 kHz
VBW	300.000 kHz	300.000 kHz	300.000 kHz
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	117 / max.	104 / max.	87 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.00 dB	0.03 dB	0.17 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (n40 mode SISO)
TEST RESULTS:	PASS

Radio A

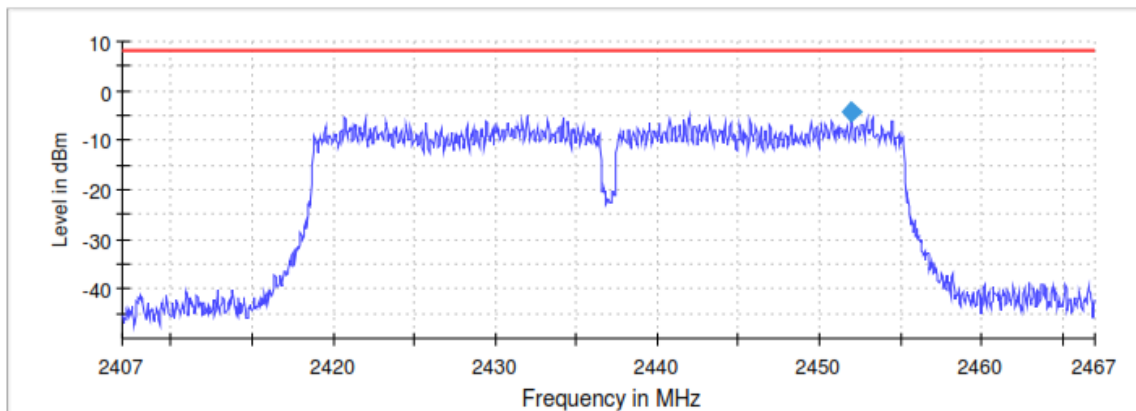
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-5.853	-4.431	-4.622

Lowest Channel



— Limit — Sum Level ◆ PSD

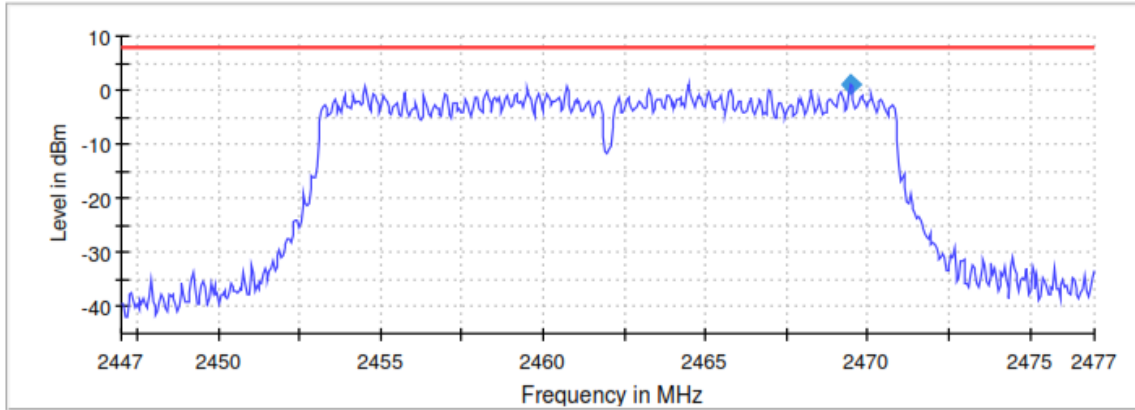
Middle Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Highest Channel



— Limit ◆ PSD — Sum Level

Measurement

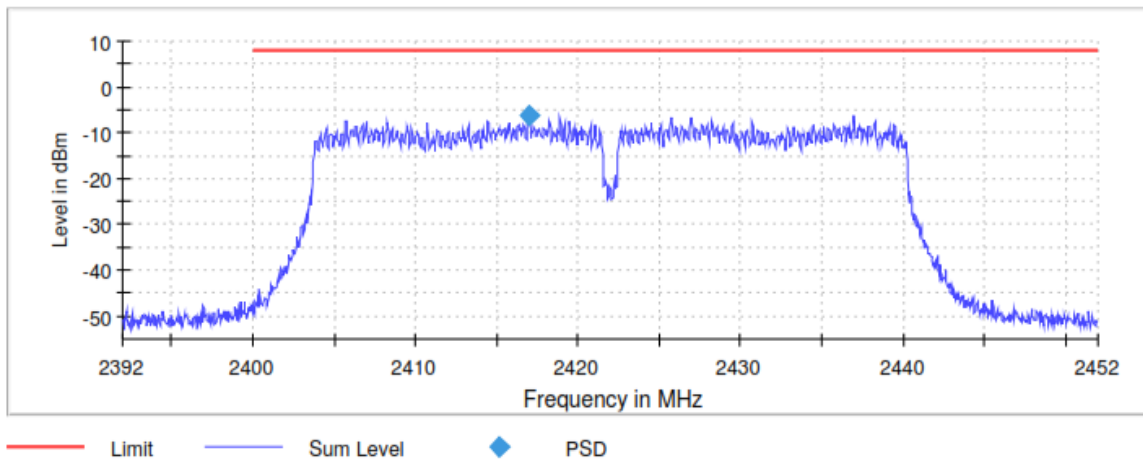
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39200 GHz	2.40700 GHz	2.42200 GHz
Stop Frequency	2.45200 GHz	2.46700 GHz	2.48200 GHz
Span	60.000 MHz	60.000 MHz	60.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000 kHz
VBW	300.000 kHz	300.000 kHz	300.000 kHz
Sweep Points	1200	1200	1200
Sweep time	24.000 ms	24.000 ms	24.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	114 / max.	123 / max.	109 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.00 dB	0.00 dB	0.33 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (n40 mode SISO)
TEST RESULTS:	PASS

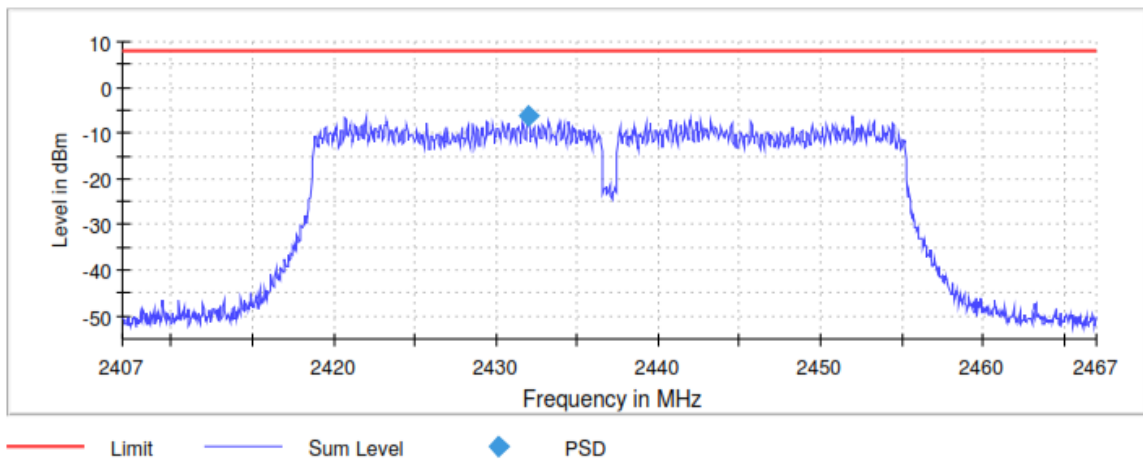
Radio B

	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-6.238	-6.171	-6.036

Lowest Channel

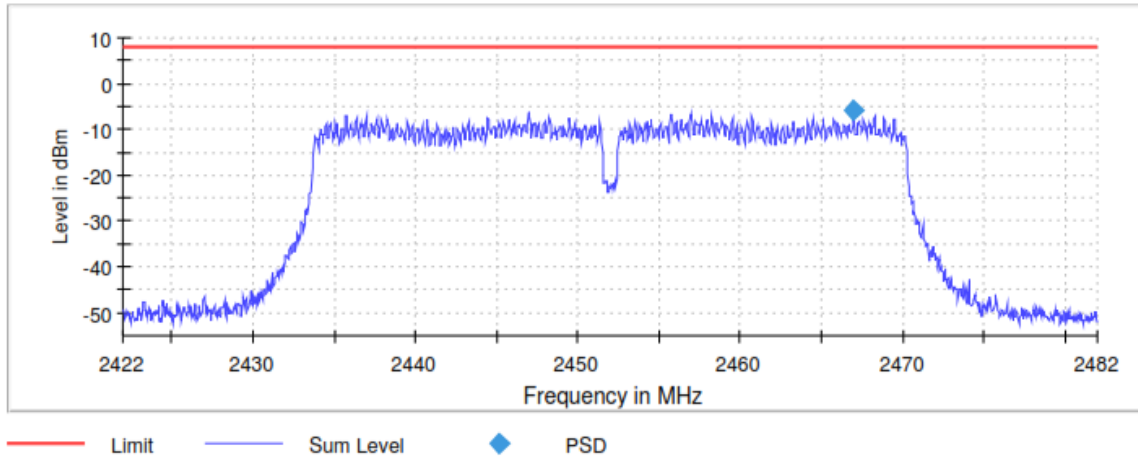


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

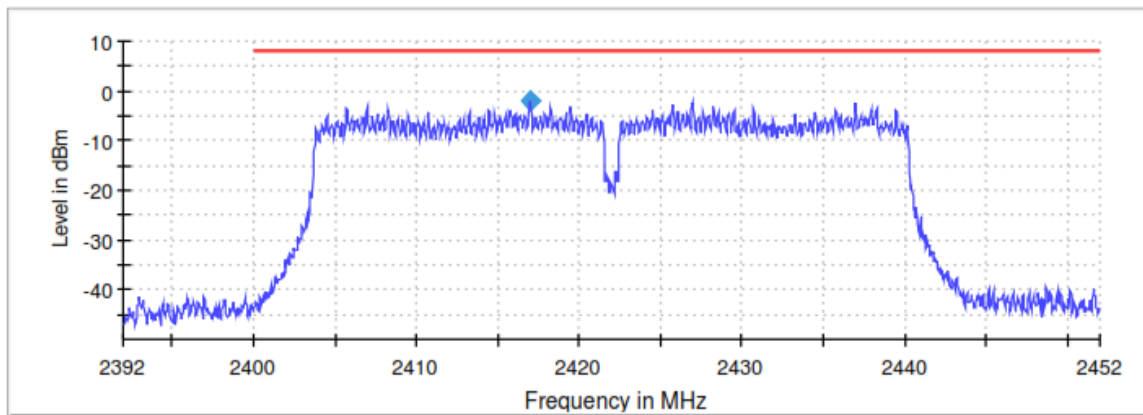
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39200 GHz	2.40700 GHz	2.42200 GHz
Stop Frequency	2.45200 GHz	2.46700 GHz	2.48200 GHz
Span	60.000 MHz	60.000 MHz	60.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000 kHz
VBW	300.000 kHz	300.000 kHz	300.000 kHz
Sweep Points	1200	1200	1200
Sweep time	24.000 ms	24.000 ms	24.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	116 / max.	122 / max.	120 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.32 dB	0.00 dB	0.01 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (n40 mode MIMO)
TEST RESULTS:	PASS

Radio A + B

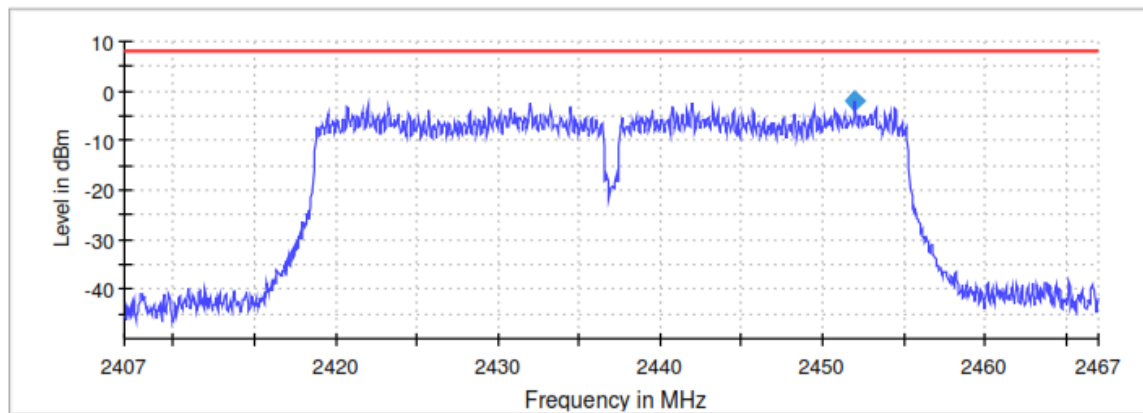
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-2.141	-2.105	-1.506

Lowest Channel



— Limit ◆ PSD — Sum Level

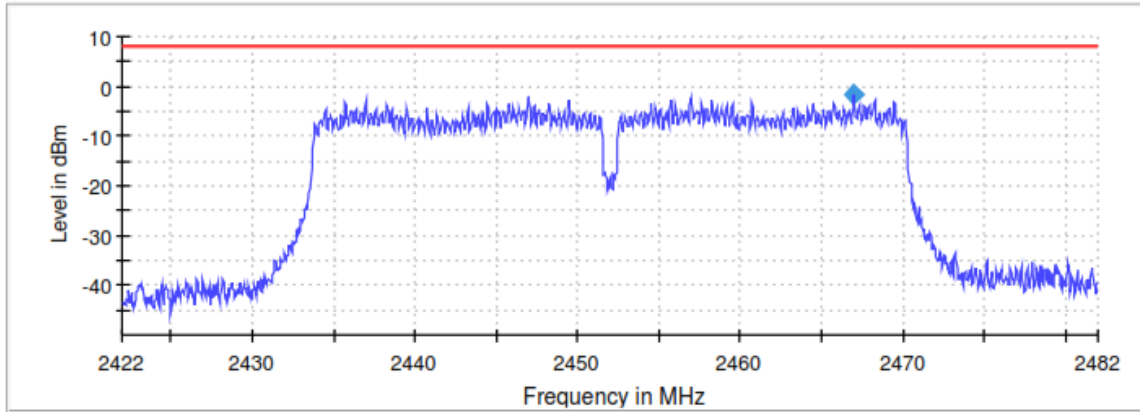
Middle Channel



— Limit ◆ PSD — Sum Level

TEST RESULTS (Cont.):

Highest Channel



— Limit ◆ PSD — Sum Level

Measurement

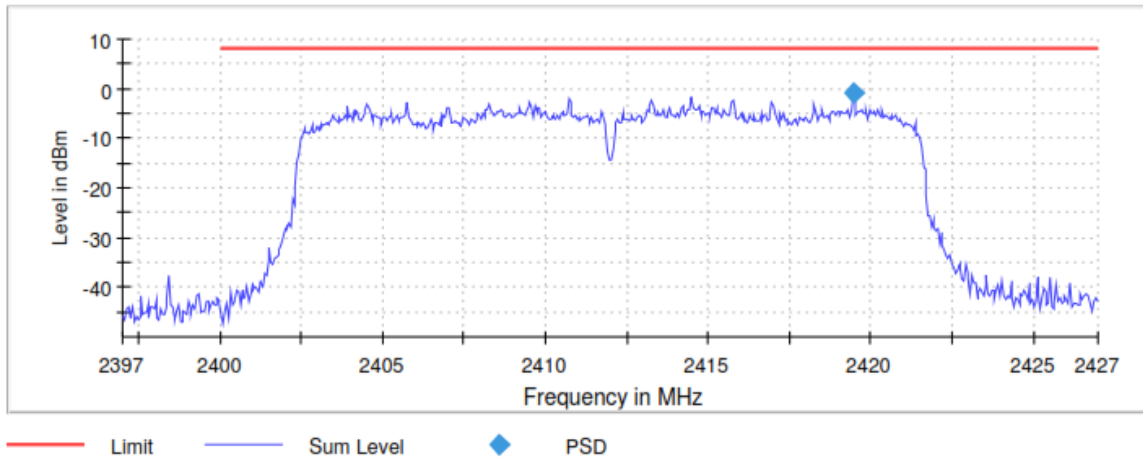
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39200	2.40700 GHz	2.42200
Stop Frequency	2.45200	2.46700 GHz	2.48200
Span	60.000 MHz	60.000 MHz	60.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	1200	1200	1200
Sweep time	24.000 ms	24.000 ms	24.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	114 / max.	97 / max.	121 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.36 dB	0.30 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax20 mode SISO)
TEST RESULTS:	PASS

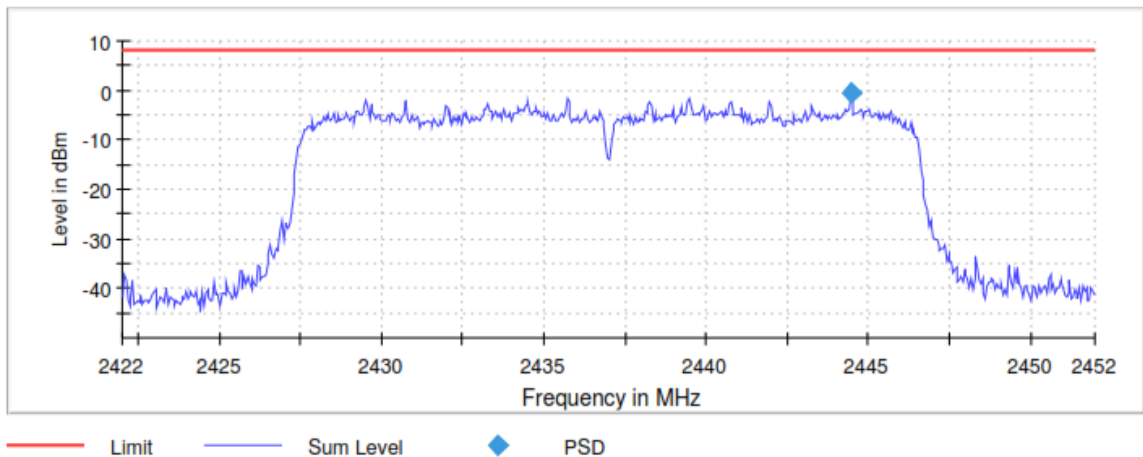
Radio A

	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-0.968	-0.531	-0.718

Lowest Channel

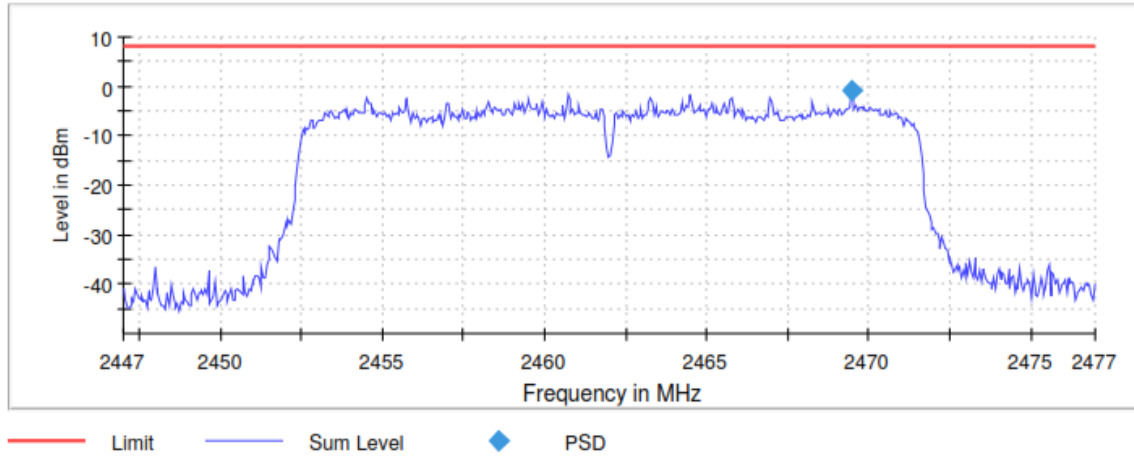


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

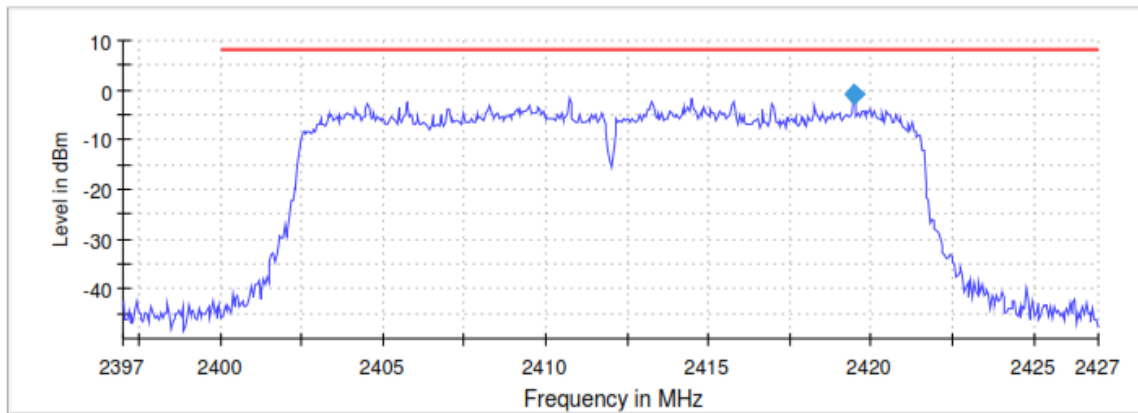
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700	2.42200 GHz	2.44700
Stop Frequency	2.42700	2.45200 GHz	2.47700
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	105 / max.	89 / max.	100 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.16 dB	0.35 dB	0.49 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax20 mode SISO)
TEST RESULTS:	PASS

Radio B

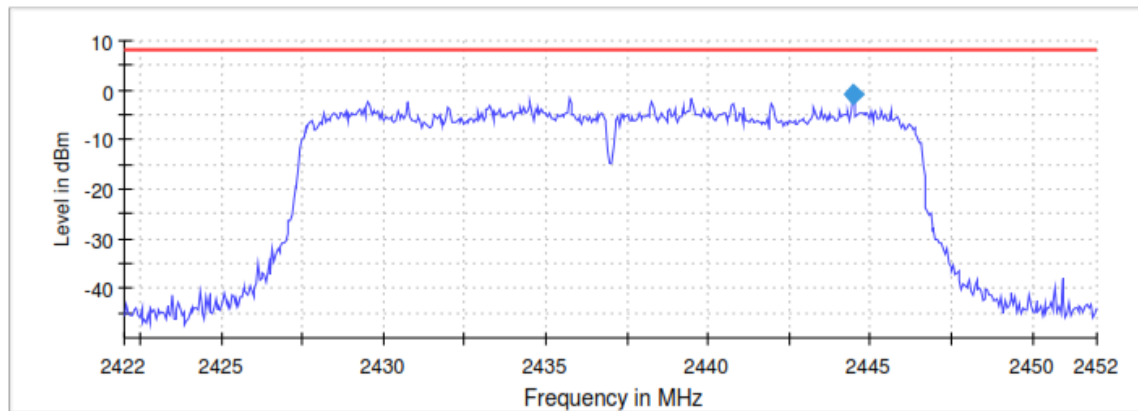
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-0.879	-0.863	-1.027

Lowest Channel



— Limit — Sum Level ◆ PSD

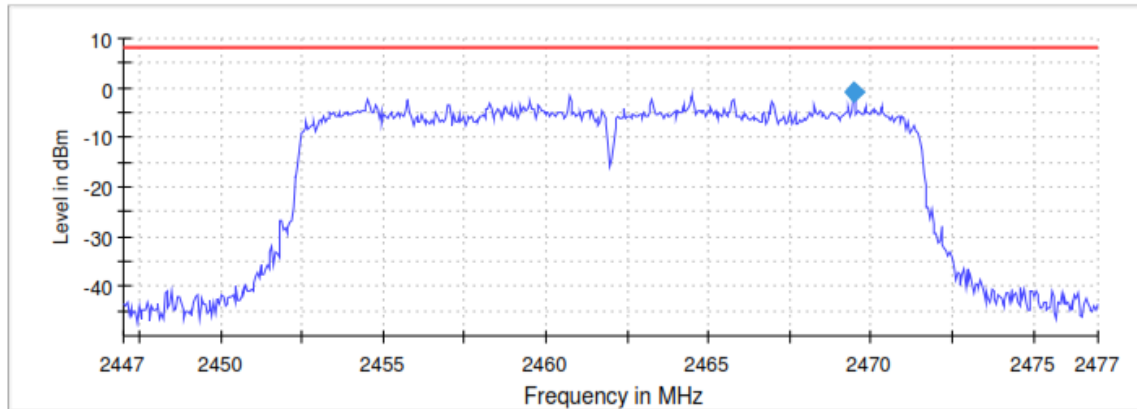
Middle Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Highest Channel



— Limit — Sum Level ◆ PSD

Measurement

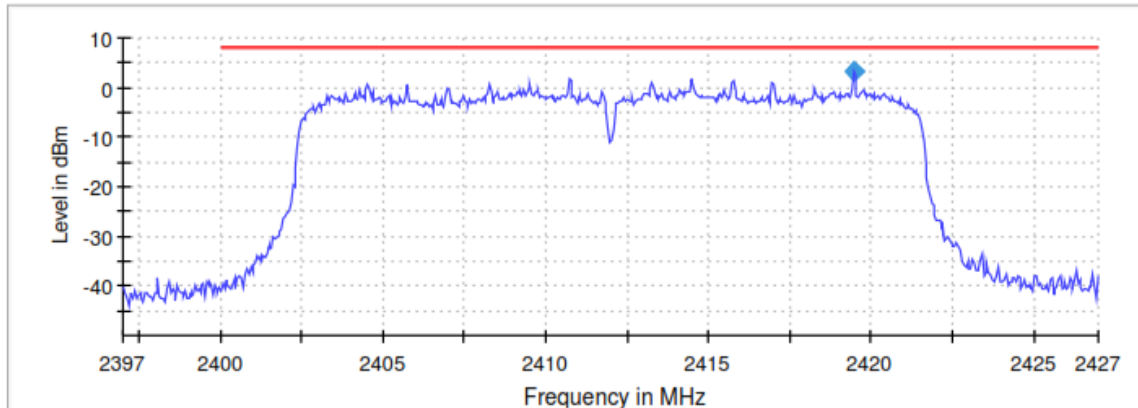
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700	2.42200 GHz	2.44700
Stop Frequency	2.42700	2.45200 GHz	2.47700
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	111 / max.	110 / max.	107 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.00 dB	0.07 dB	0.17 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax20 mode MIMO)
TEST RESULTS:	PASS

Radio A + B

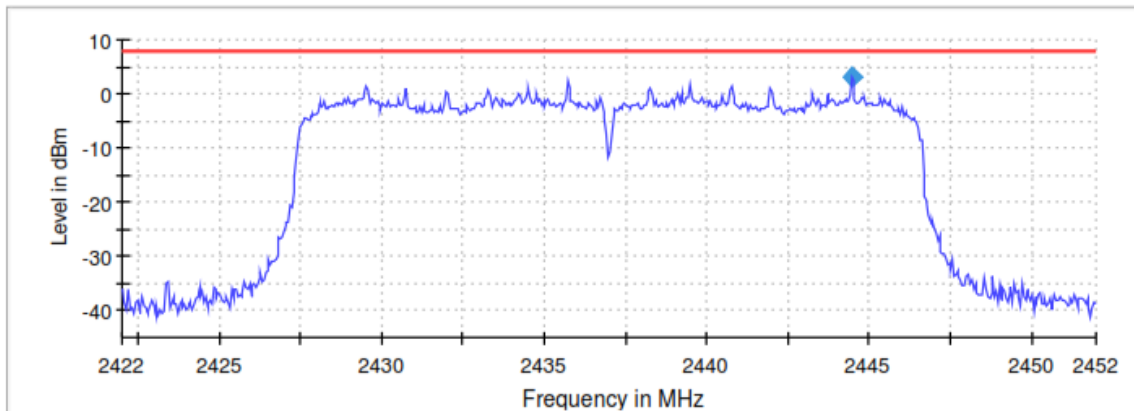
	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	3.154	3.246	2.788

Lowest Channel



— Limit ◆ PSD — Sum Level

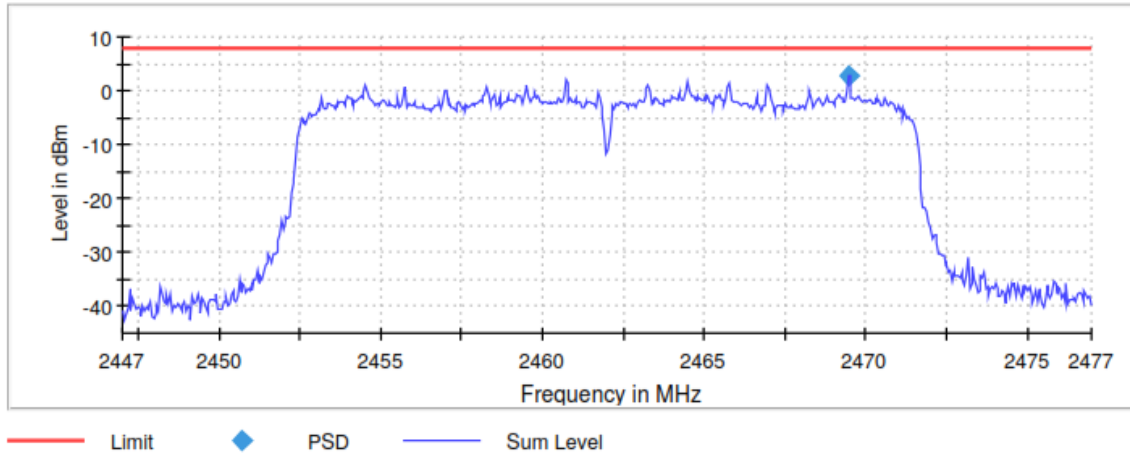
Middle Channel



— Limit ◆ PSD — Sum Level

TEST RESULTS (Cont.):

Highest Channel



Measurement

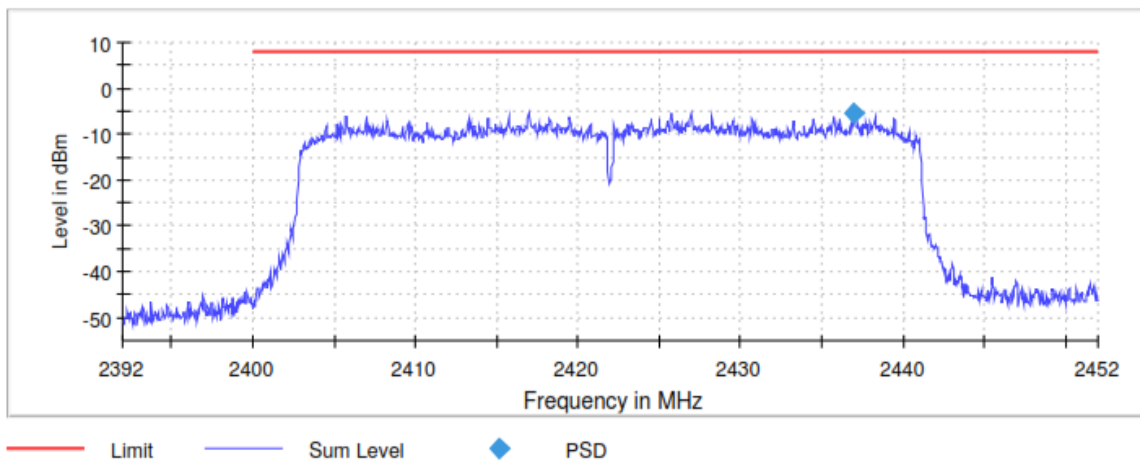
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700	2.42200 GHz	2.44700
Stop Frequency	2.42700	2.45200 GHz	2.47700
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	110 / max.	95 / max.	71 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.00 dB	0.30 dB	0.25 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax40 mode SISO)
TEST RESULTS:	PASS

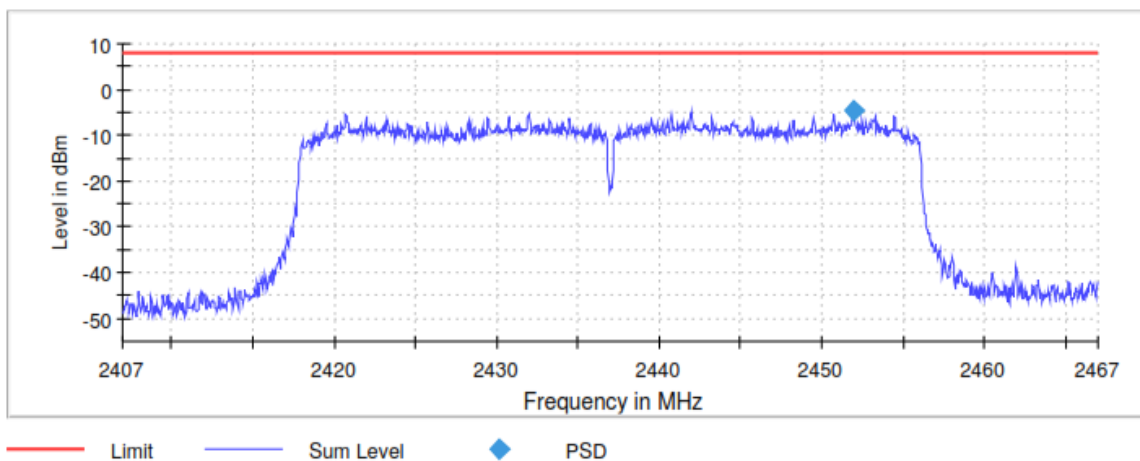
Radio A

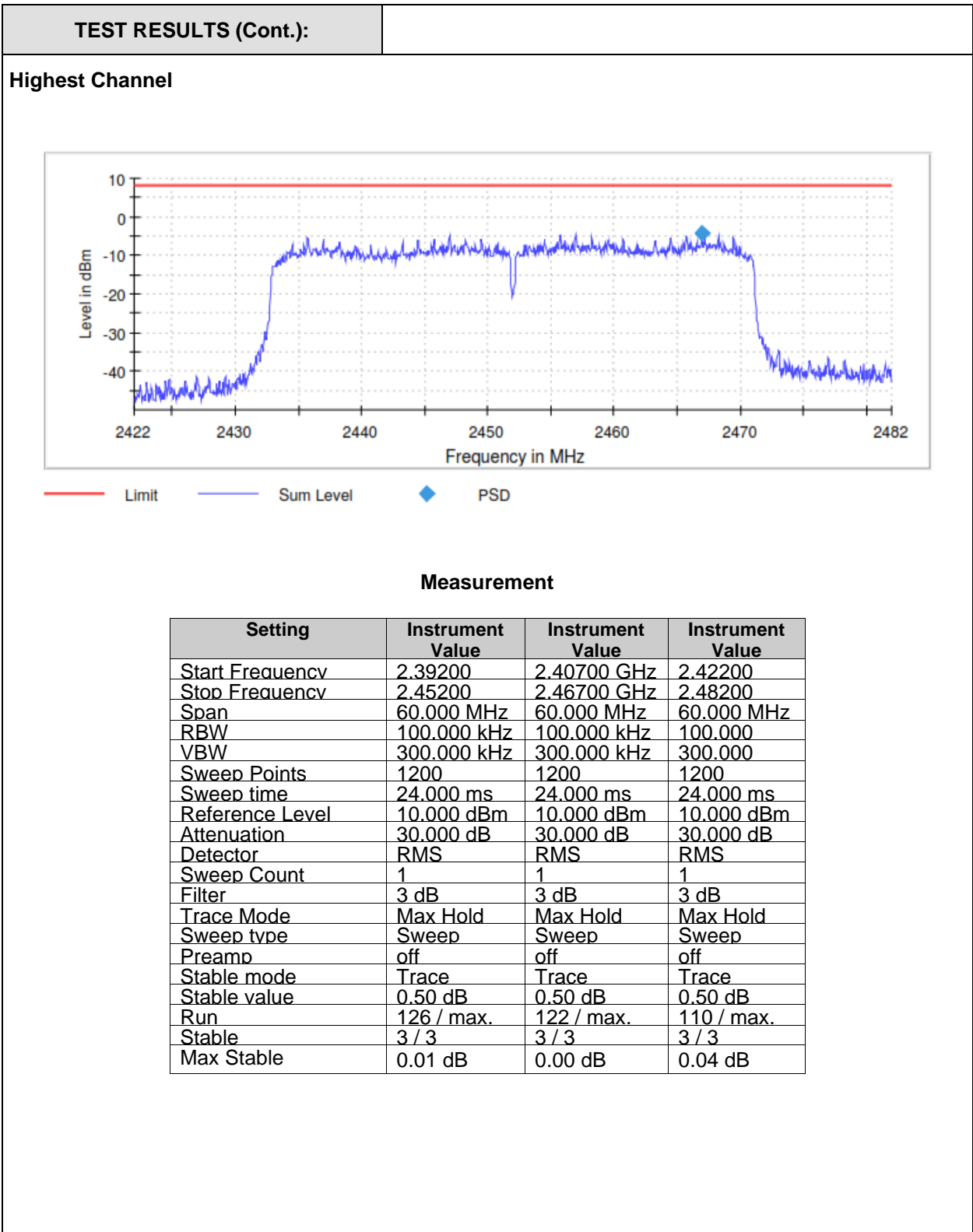
	Lowest frequency	Middle frequency	Highest frequency
	2422 MHz	2437 MHz	2452 MHz
Power spectral density (dBm)	-5.357	-4.807	-4.249

Lowest Channel



Middle Channel



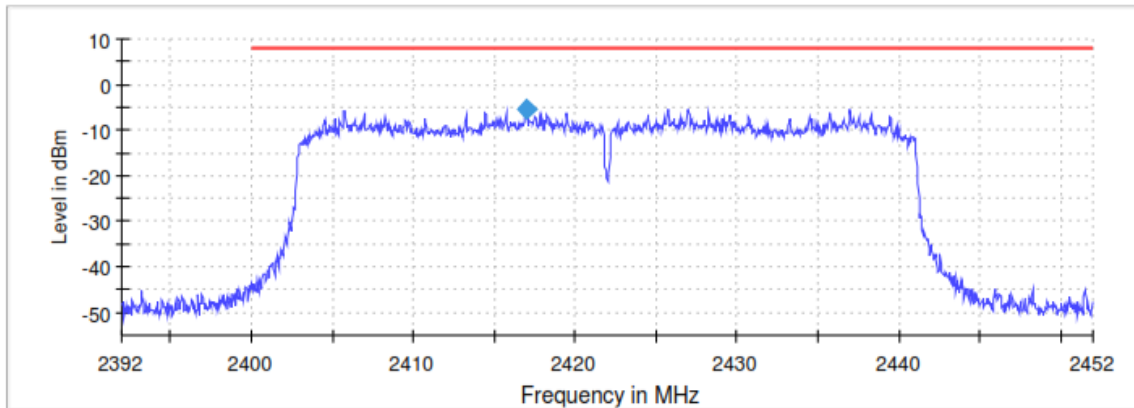


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax40 mode SISO)
TEST RESULTS:	PASS

Radio B

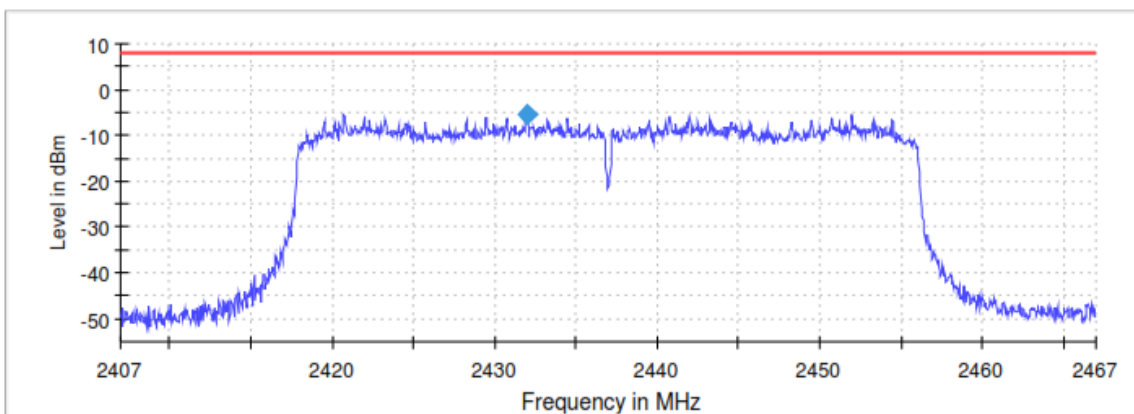
	Lowest frequency	Middle frequency	Highest frequency
	2422 MHz	2437 MHz	2452 MHz
Power spectral density (dBm)	-5.526	-5.470	-5.386

Lowest Channel

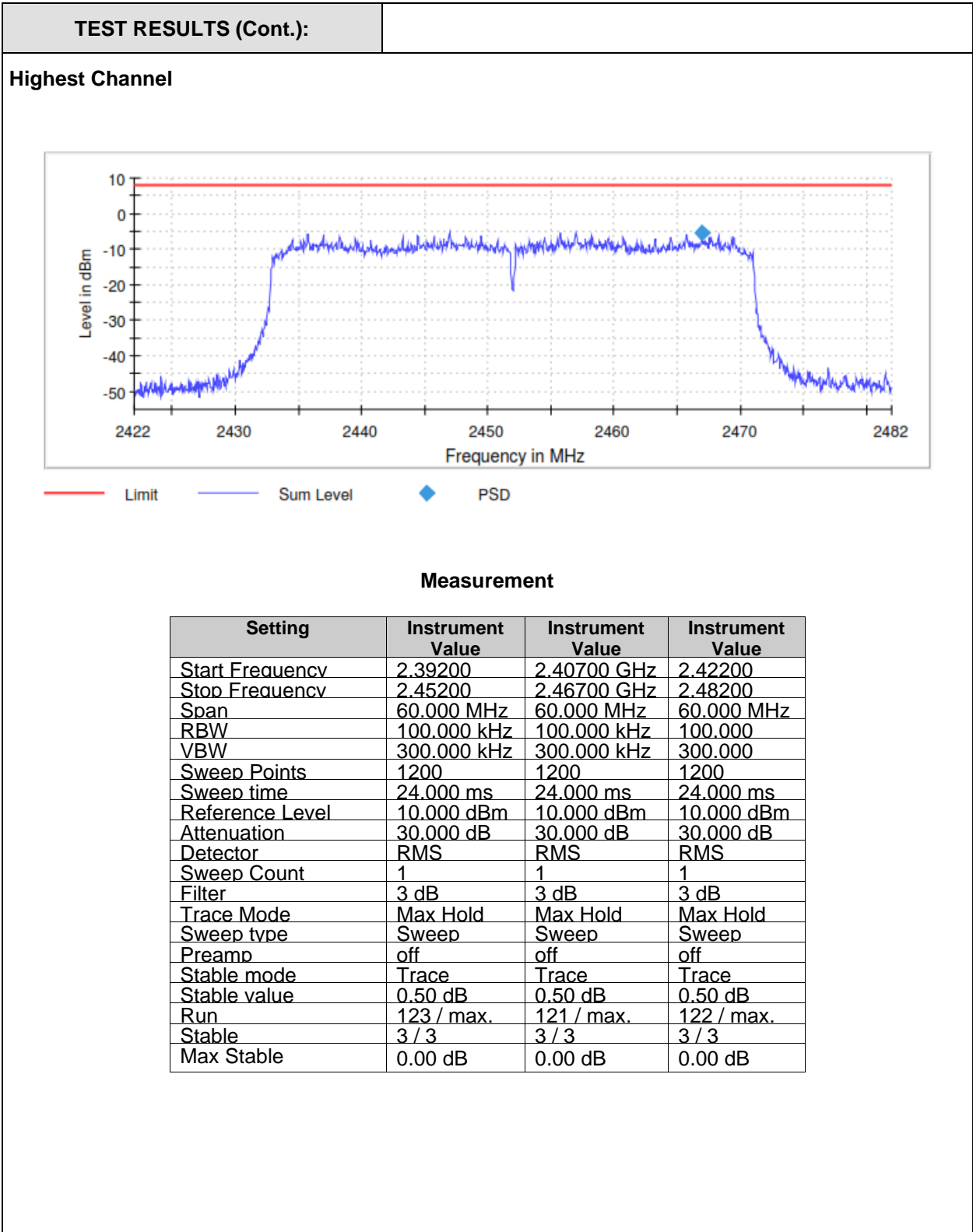


— Limit — Sum Level ◆ PSD

Middle Channel



— Limit — Sum Level ◆ PSD

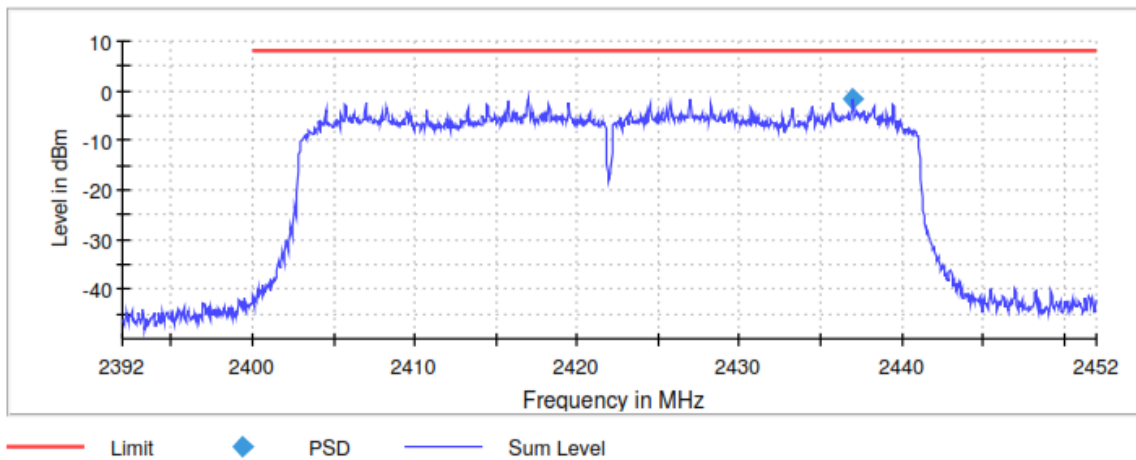


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax40 mode MIMO)
TEST RESULTS:	PASS

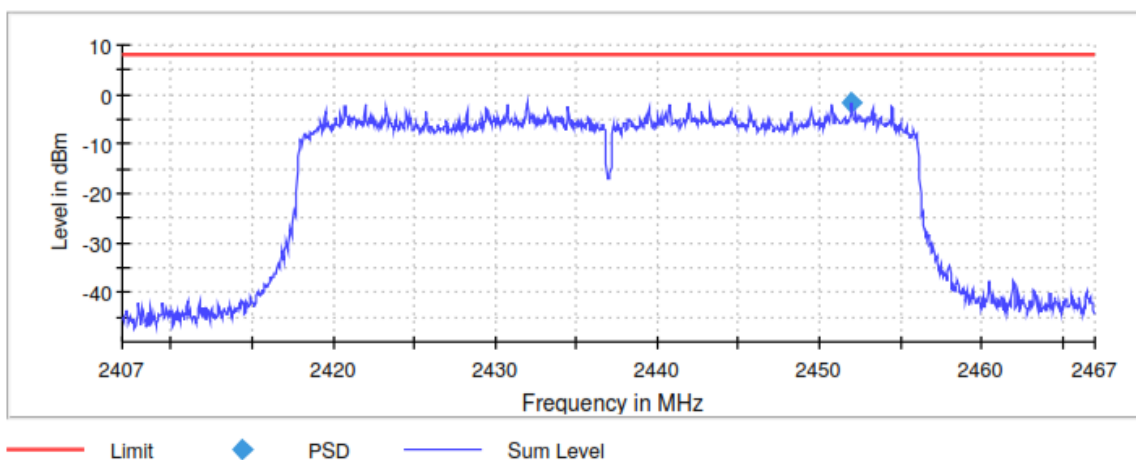
Radio A + B

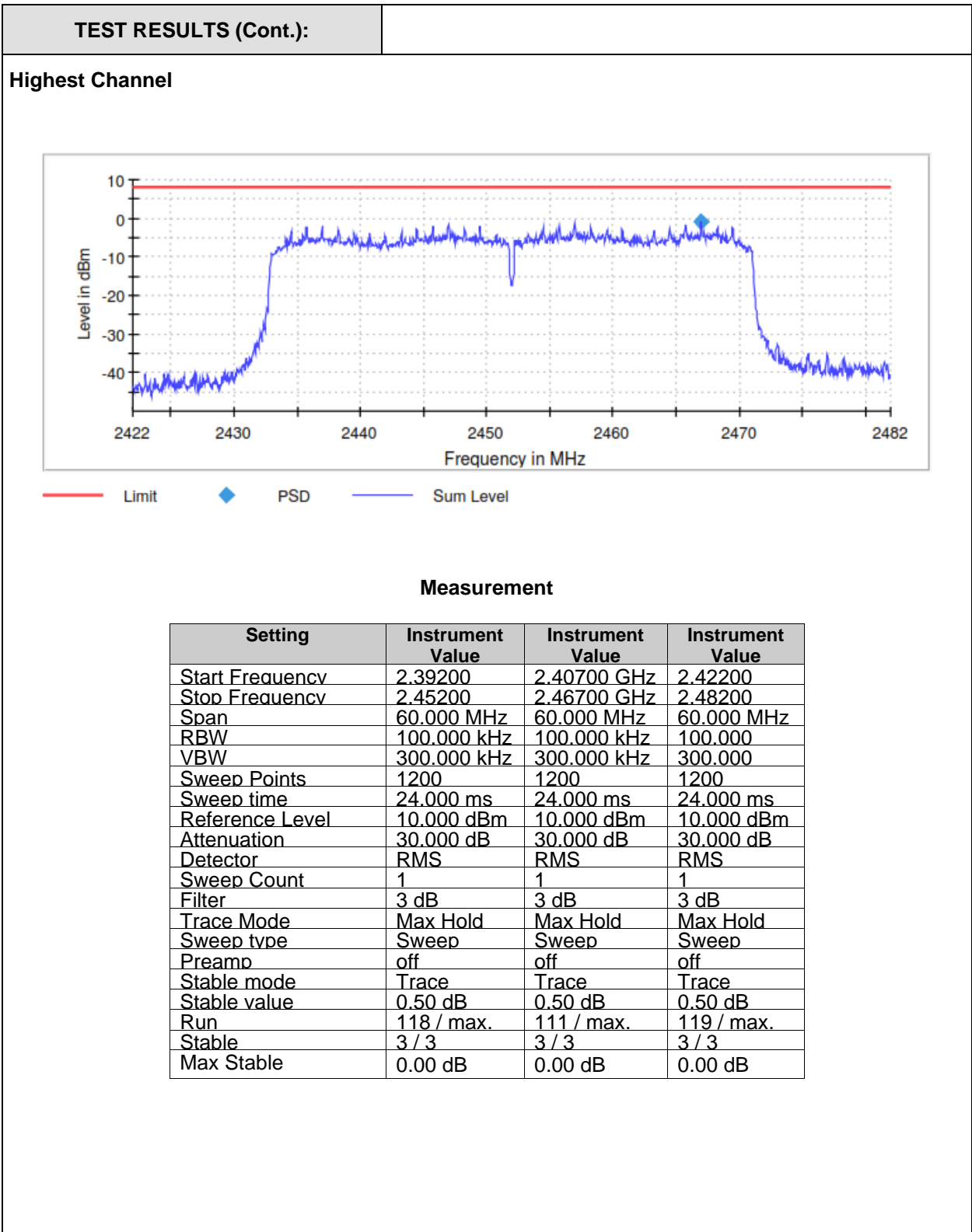
	Lowest frequency	Middle frequency	Highest frequency
	2422 MHz	2437 MHz	2452 MHz
Power spectral density (dBm)	-5.526	-1.442	-1.001

Lowest Channel



Middle Channel



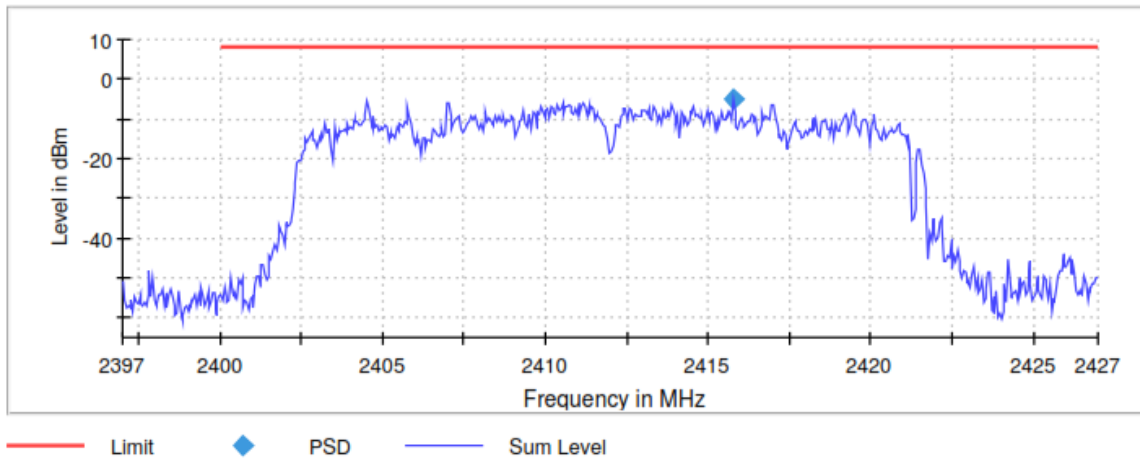


TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ax20 mode Beam forming MIMO)
TEST RESULTS:	PASS

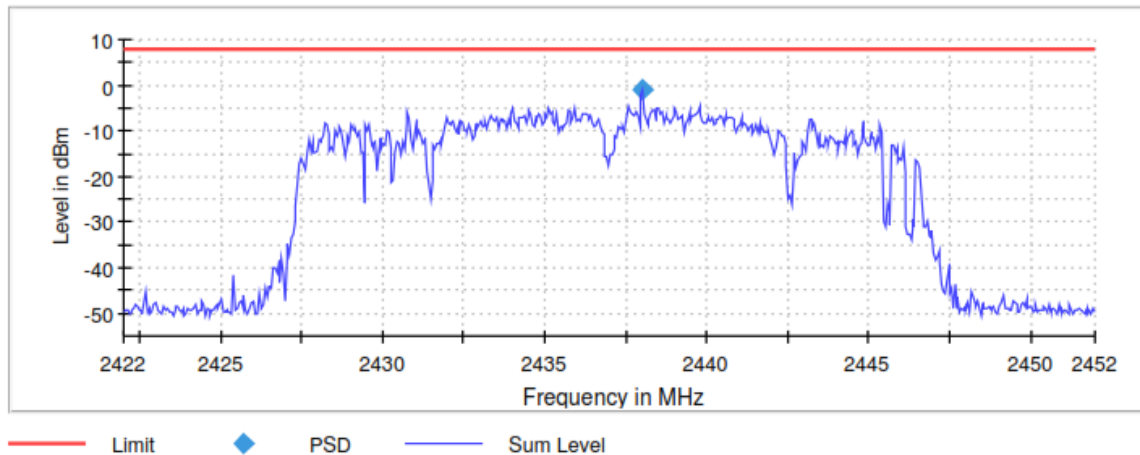
Radio A + B

	Lowest frequency	Middle frequency	Highest frequency
	2412 MHz	2437 MHz	2462 MHz
Power spectral density (dBm)	-5.149	-1.040	-4.043

Lowest Channel

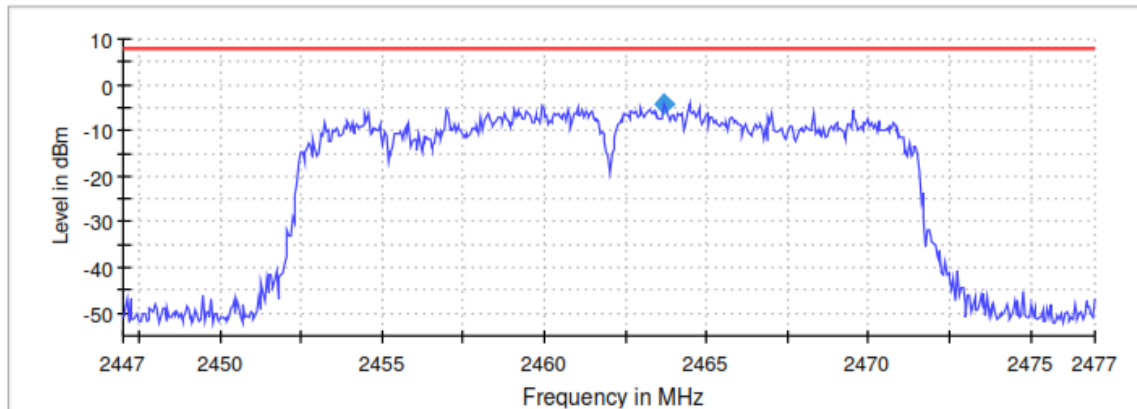


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



— Limit ◆ PSD — Sum Level

Measurement

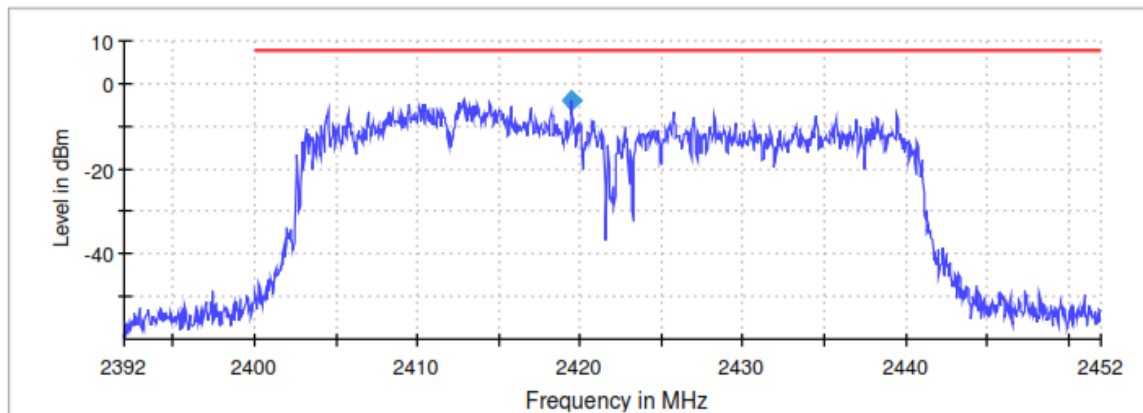
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	2.39700	2.42200 GHz	2.44700
Stop Frequency	2.42700	2.45200 GHz	2.47700
Span	30.000 MHz	30.000 MHz	30.000 MHz
RBW	100.000 kHz	100.000 kHz	100.000
VBW	300.000 kHz	300.000 kHz	300.000
Sweep Points	600	600	600
Sweep time	12.000 ms	12.000 ms	12.000 ms
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
Sweep Count	1	1	1
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	Sweep	Sweep	Sweep
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.50 dB	0.50 dB	0.50 dB
Run	28 / max.	27 / max.	88 / max.
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.00 dB	0.00 dB	0.25 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax40 mode Beam forming MIMO)
TEST RESULTS:	PASS

Radio A + B

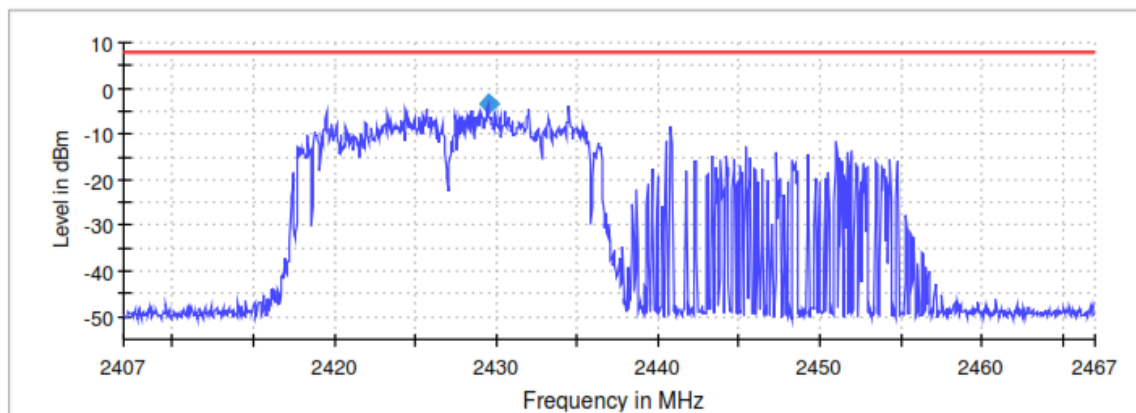
	Lowest frequency	Middle frequency	Highest frequency
	2422 MHz	2437 MHz	2452 MHz
Power spectral density (dBm)	-4.091	-3.488	-5.253

Lowest Channel

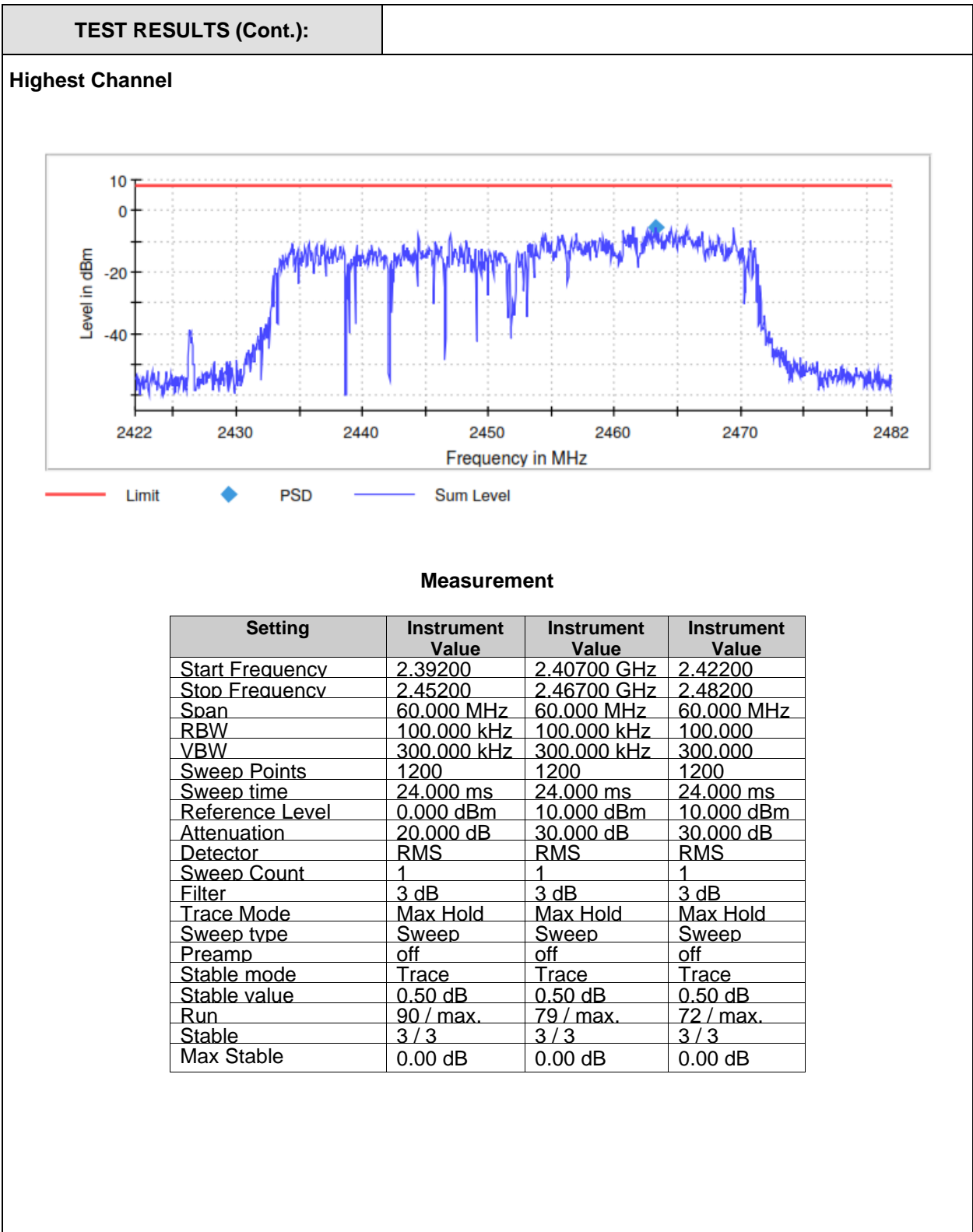


— Limit ◆ PSD — Sum Level

Middle Channel



— Limit ◆ PSD — Sum Level



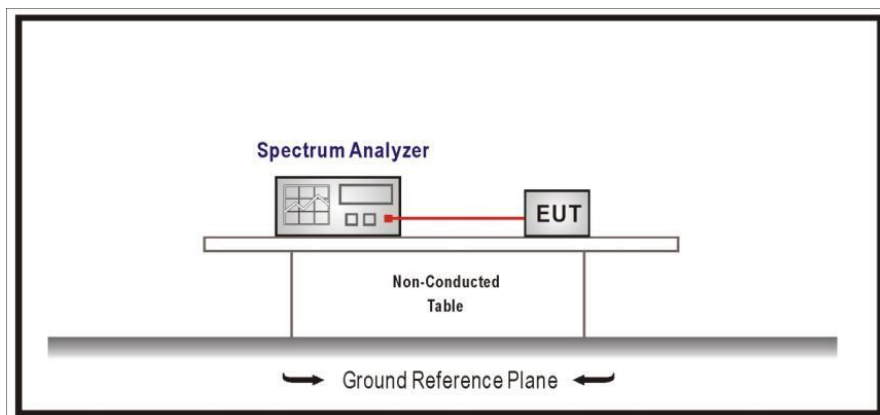
TEST C.5: EMISSION LIMITATIONS CONDUCTED (TRANSMITTER)

LIMITS:	Product standard:	Part 15 Subpart C §15.247 and RSS-247
	Test standard:	Part 15 Subpart C §15.247(d) and RSS-247 5.5

LIMITS

In any 100 kHz bandwidth outside the frequency band in which the digitally modulated 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. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB instead of 20 dB.

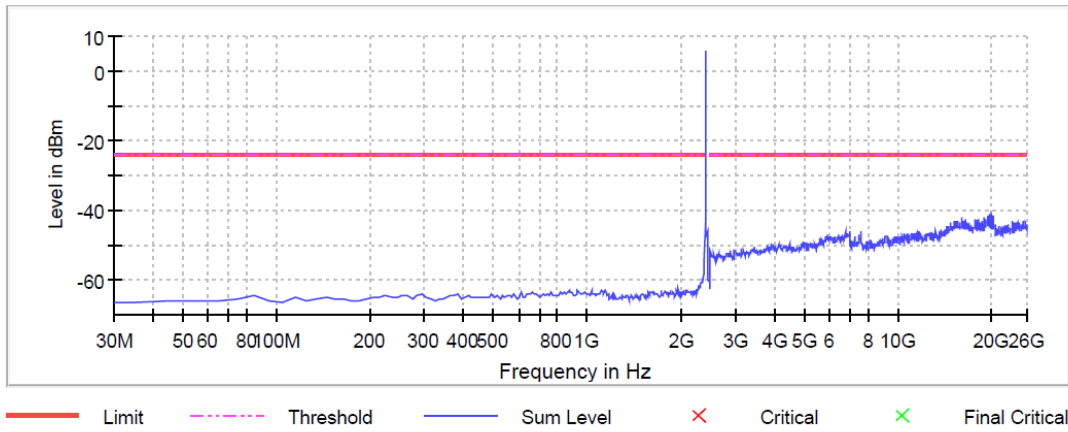
TEST SETUP



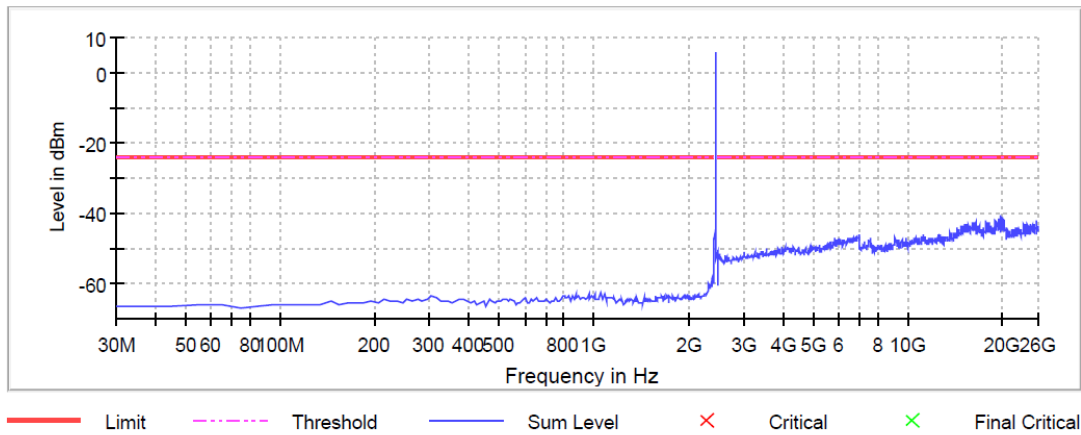
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (b mode MIMO)
TEST RESULTS:	PASS

Conducted spurious signals detected were minimum 20 dB below the reference limit for the lowest, middle and highest operating channels.

Lowest Channel

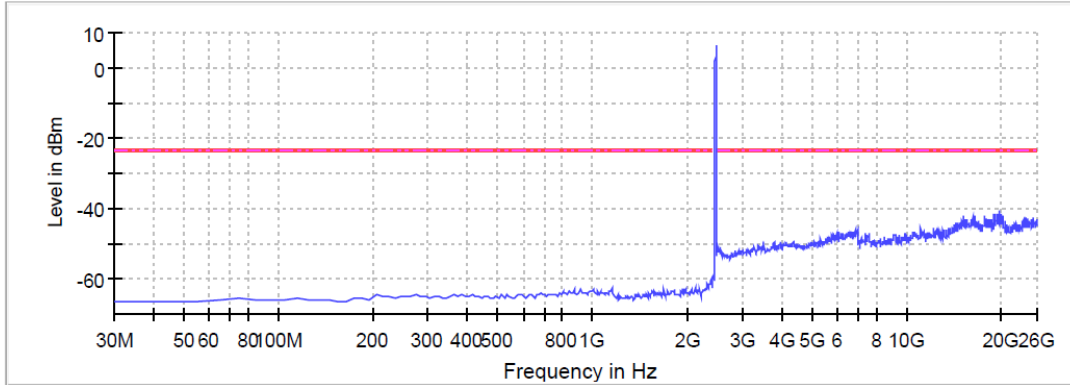


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



— Limit - - - - Threshold — Sum Level × Critical × Final Critical

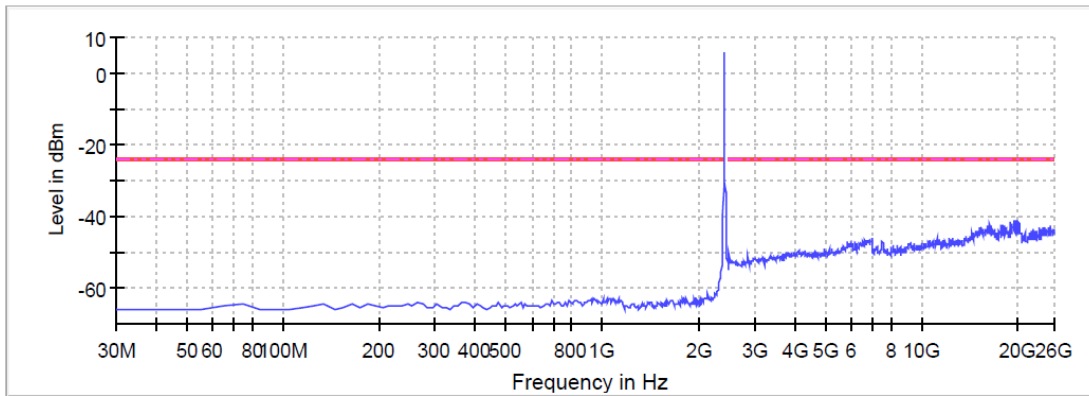
Measurement Settings

Setting	Instrument Value
Start Frequency	30.000 MHz
Stop Frequency	26 GHz
RBW	100.000 kHz
VBW	300.000 kHz
Sweep Points	238
Sweep time	23.700 ms
Reference Level	-10.000 dBm
Attenuation	20.000 dB
Detector	MaxPeak
Sweep Count	3
Filter	3 dB
Trace Mode	Max Hold
Sweep type	Sweep
Preamp	off
Stable mode	Trace
Stable value	0.50 dB
Run	4 / max. 40
Stable	3 / 3
Max Stable	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (n20 mode MIMO)
TEST RESULTS:	PASS

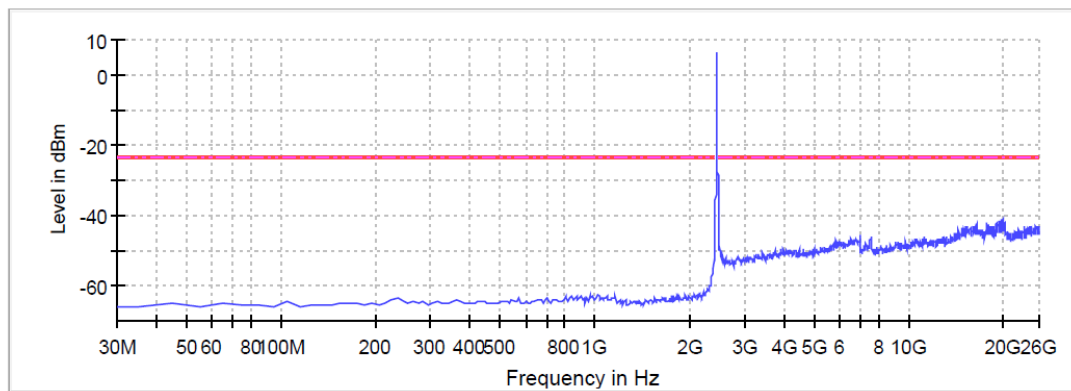
Conducted spurious signals detected were minimum 20 dB below the reference limit for the lowest, middle and highest operating channels.

Lowest Channel



— Limit - - - - Threshold — Sum Level × Critical × Final Critical

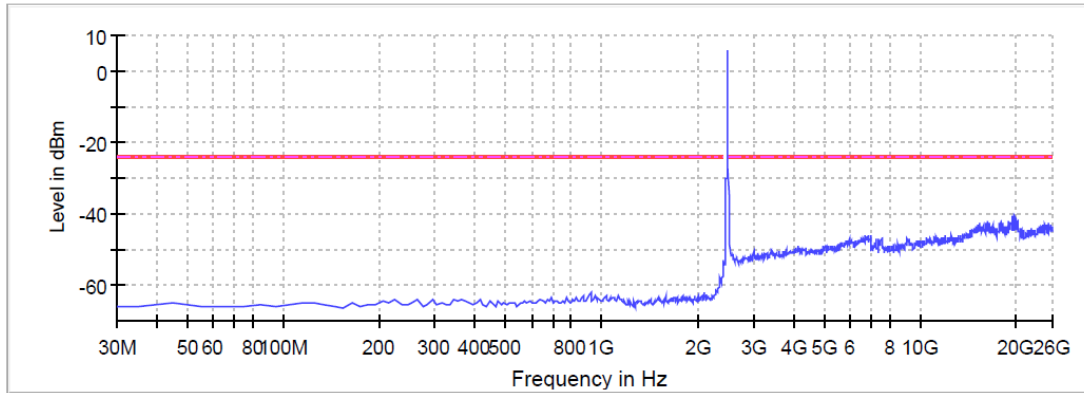
Middle Channel



— Limit - - - - Threshold — Sum Level × Critical × Final Critical

TEST RESULTS (Cont.):

Highest Channel



— Limit - - - - Threshold — Sum Level × Critical × Final Critical

Measurement Settings

Setting	Instrument Value
Start Frequency	30.000 MHz
Stop Frequency	26 GHz
RBW	100.000 kHz
VBW	300.000 kHz
Sweep Points	238
Sweep time	23.700 ms
Reference Level	-10.000 dBm
Attenuation	20.000 dB
Detector	MaxPeak
Sweep Count	3
Filter	3 dB
Trace Mode	Max Hold
Sweep type	Sweep
Preamp	off
Stable mode	Trace
Stable value	0.50 dB
Run	4 / max. 40
Stable	3 / 3
Max Stable	0.00 dB

TEST C.6: EMISSION LIMITATIONS RADIATED (TRANSMITTER)

LIMITS:	Product standard:	Part 15 Subpart C §15.247 and RSS-247
	Test standard:	Part 15 Subpart C §15.247(d) and RSS-247 5.5

LIMITS

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

Frequency Range (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	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.

TEST SETUP

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at 3 m for the frequency range 30-1000 MHz (Bilog antenna) and 1-18 GHz Double ridge horn antennas, and 1m for the frequency range 18 GHz- 26 GHz Double ridge horn antenna.

For radiated emissions in the range 18 - 26 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

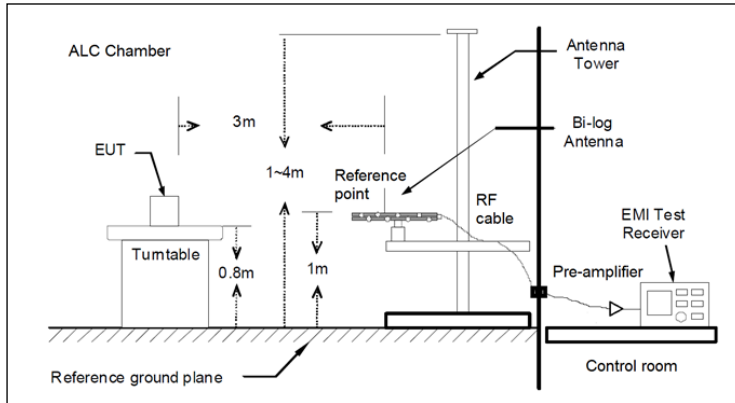
The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

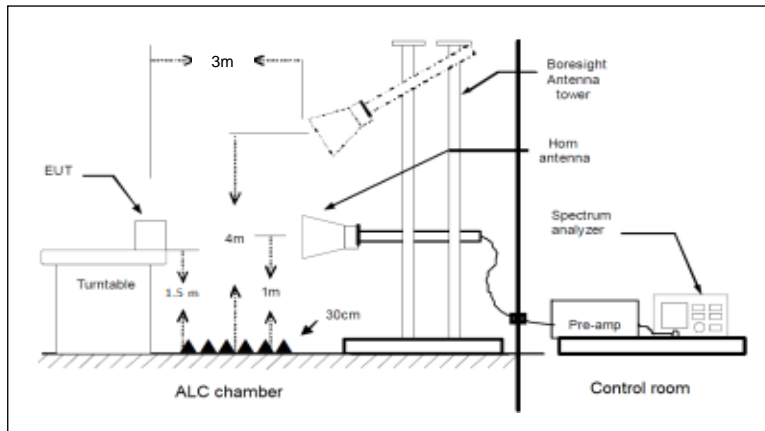
The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

TEST SETUP (CONT.)

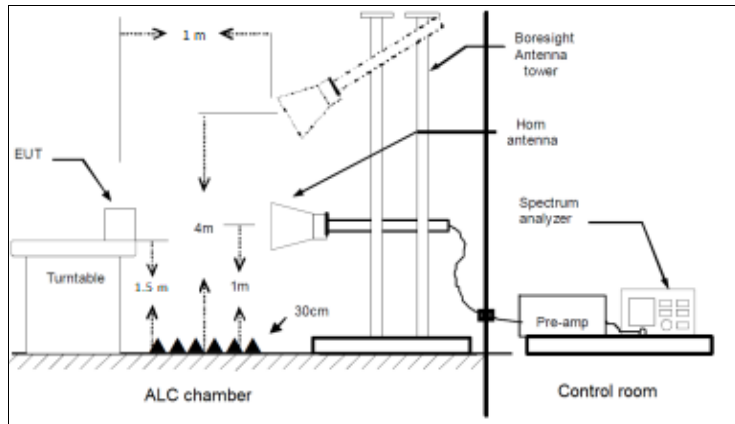
Radiated measurements Setup $f < 1$ GHz



Radiated measurements setup $1 < f < 18$ GHz



Radiated measurements setup $f > 18$ GHz



TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#01 (b mode MIMO RADIO A + B)
TEST RESULTS:	PASS

The results for the worst operation mode selected for this range (b mode & N mode MIMO RADIO A + B) are shown below.

Frequency range 30 MHz – 1000 MHz

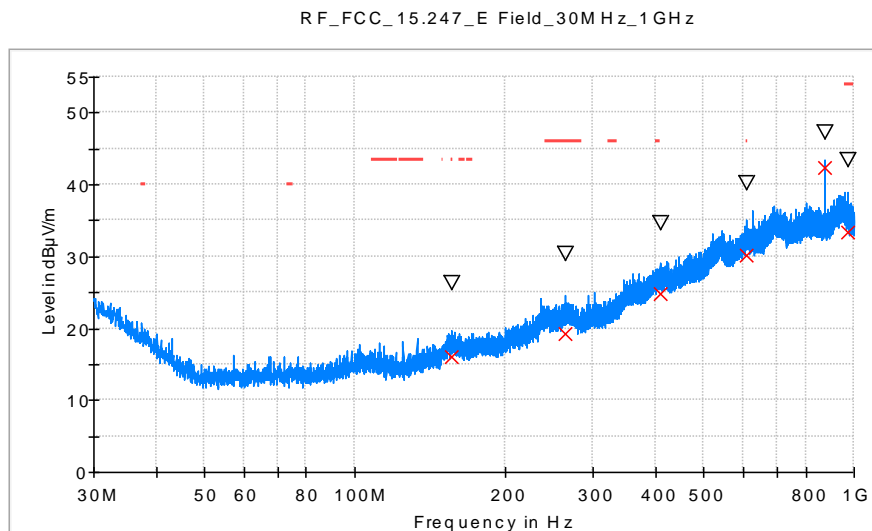
The spurious emissions below 1 GHz do not depend on the operating channel and mode selected in the EUT.

Frequency range 1 GHz – 26 GHz

The results in the next tables show the maximum measured levels in the 1-26 GHz range including the restricted bands 2.31-2.5 GHz.

FREQUENCY RANGE	30 MHz – 1 GHz (MIMO RADIO A + B)
------------------------	--

CHANNEL: Middle (2437 MHz).



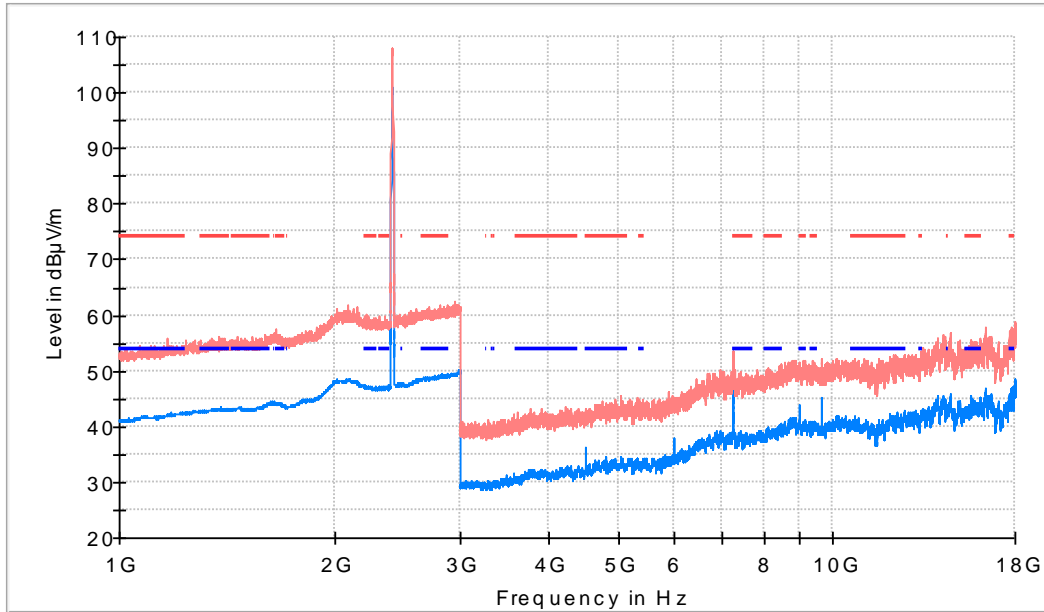
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (30MHz to 1GHz) Restricted Bands QPK Lir
- ▽ MaxPeak-PK+ (Single)
- × QuasiPeak-QPK (Single)

Maximizations

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Margin - QPK (dB)	Limit - QPK (dBµV/m)
156.730500	26.2	16.1	H	27.4	43.5
263.430500	30.3	19.3	H	26.7	46.0
409.221500	34.6	24.8	H	21.2	46.0
610.787500	40.3	30.2	V	15.8	46.0
875.015500	47.3	42.3	V	---	---
969.881500	43.5	33.4	V	20.6	54.0

TEST RESULTS (Cont.) **1 – 18 GHz (b mode MIMO RADIO A + B)**

CHANNEL: Low (2412 MHz).



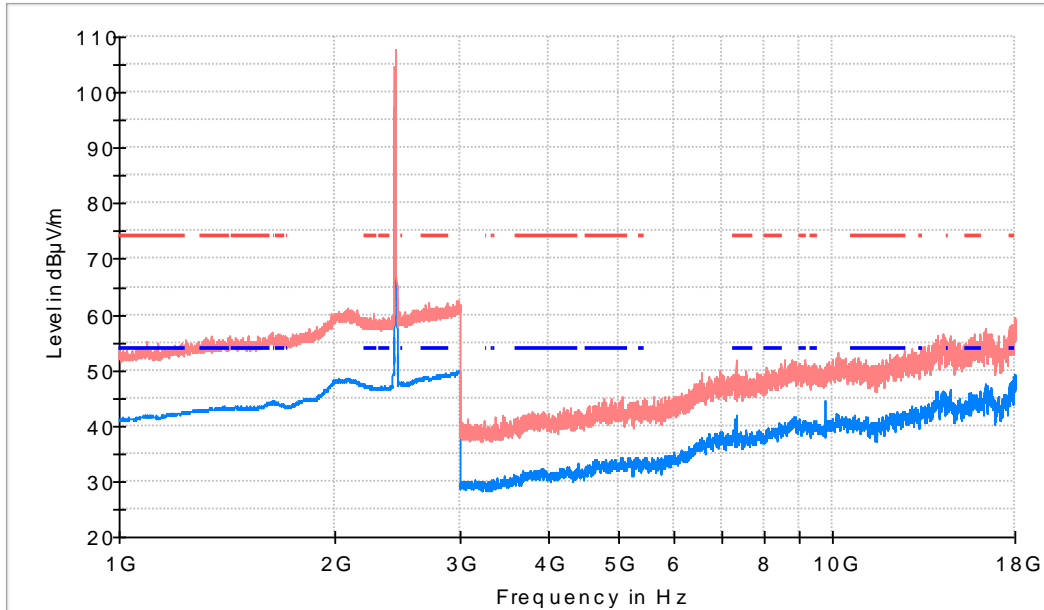
- AVG_MAXH
- PK+_MAXH
- - - TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
2413.000000	108.0	100.9	H	---	---	Fundamental
7234.500000	53.6	46.8	H	---	---	
17956.000000	58.2	48.3	H	5.7	54.0	

TEST RESULTS (Cont.) **1 – 18 GHz**

CHANNEL: Middle (2437 MHz).



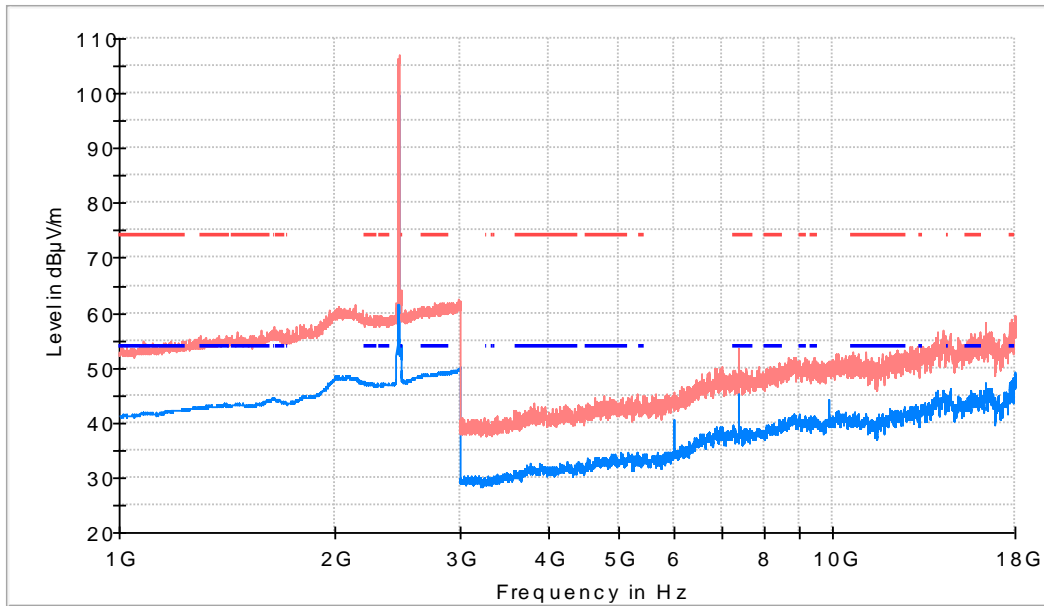
- AVG_MAXH
- PK+_MAXH
- - - TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
2435.000000	107.8	100.9	H	---	---	Fundamental
7311.000000	52.0	40.4	H	13.6	54.0	
17960.000000	58.7	49.3	H	4.7	54.0	

TEST RESULTS (Cont.) **1 – 18 GHz**

CHANNEL: Highest (2462 MHz).



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

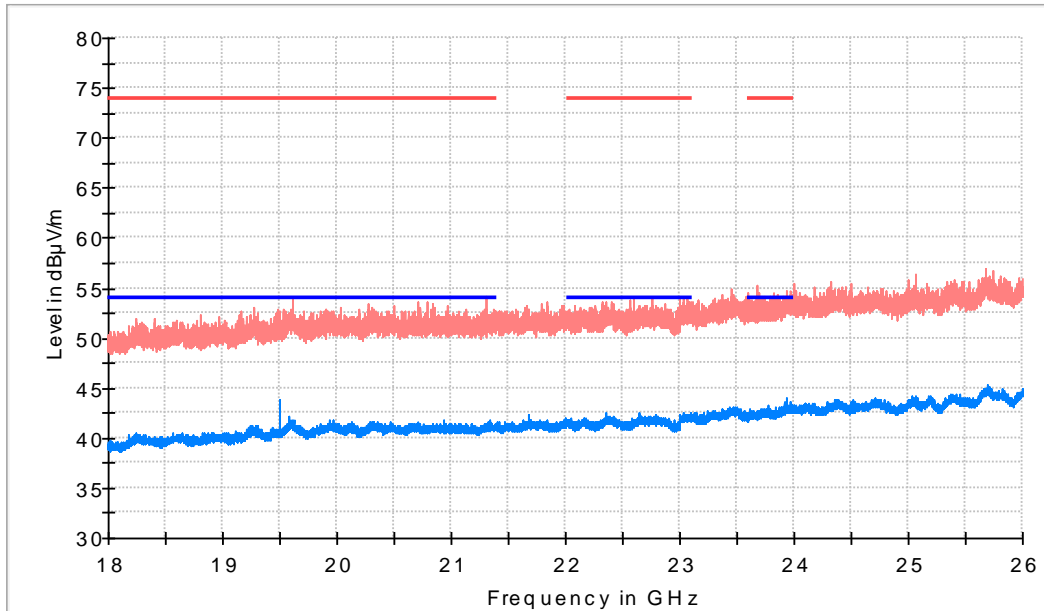
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
2463.000000	106.4	99.7	H	---	---	Fundamental
7383.000000	51.4	44.5	H	9.5	54.0	
17958.000000	58.6	49.2	H	4.8	54.0	

TEST RESULTS (Cont.)																	
FREQUENCY RANGE	18 GHz – 26 GHz																
CHANNEL: Lowest (2412 MHz).																	
<p> — AVG_MAXH — PK+_MAXH — TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit — TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit </p>																	
<table border="1"> <thead> <tr> <th>Frequency (MHz)</th> <th>PK+_MAXH (dBµV/m)</th> <th>AVG_MAXH (dBµV/m)</th> <th>Pol</th> <th>Margin - AVG (dB)</th> <th>Limit - AVG (dBµV/m)</th> </tr> </thead> <tbody> <tr> <td>23965.000000</td> <td>54.1</td> <td>43.7</td> <td>V</td> <td>10.3</td> <td>54.0</td> </tr> </tbody> </table>						Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	23965.000000	54.1	43.7	V	10.3	54.0
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)												
23965.000000	54.1	43.7	V	10.3	54.0												

TEST RESULTS (Cont.)

CHANNEL: Middle (2437 MHz).

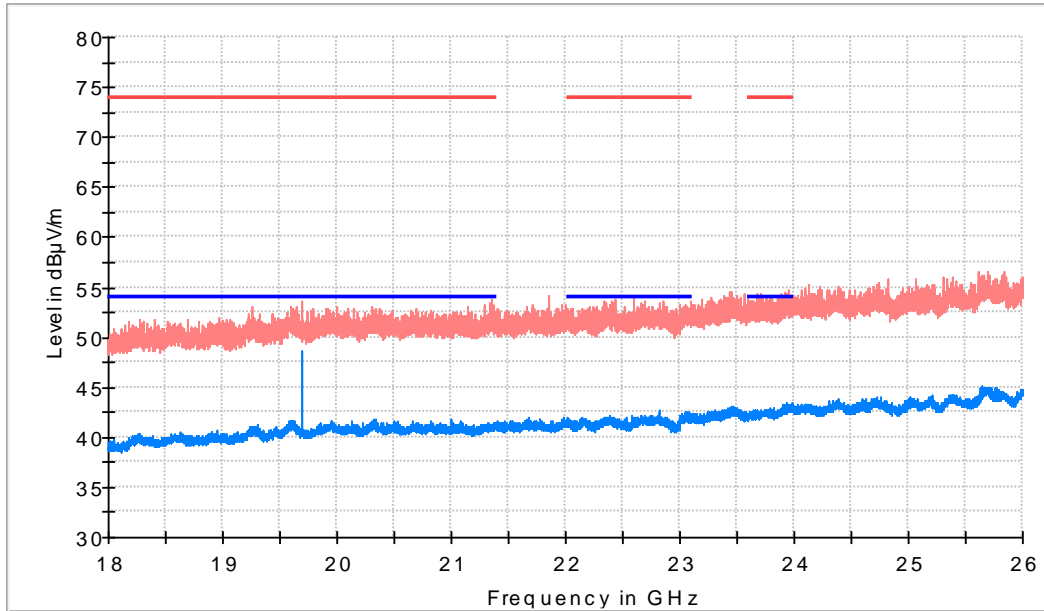


- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19496.000000	52.7	43.8	H	10.2	54.0

TEST RESULTS (Cont.)

CHANNEL: Highest (2462 MHz).

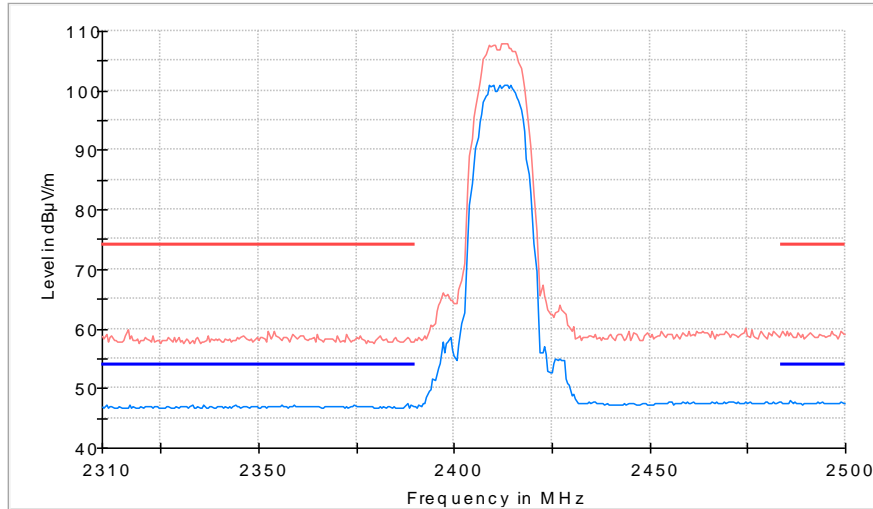


- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19696.000000	52.8	48.6	V	5.4	54.0

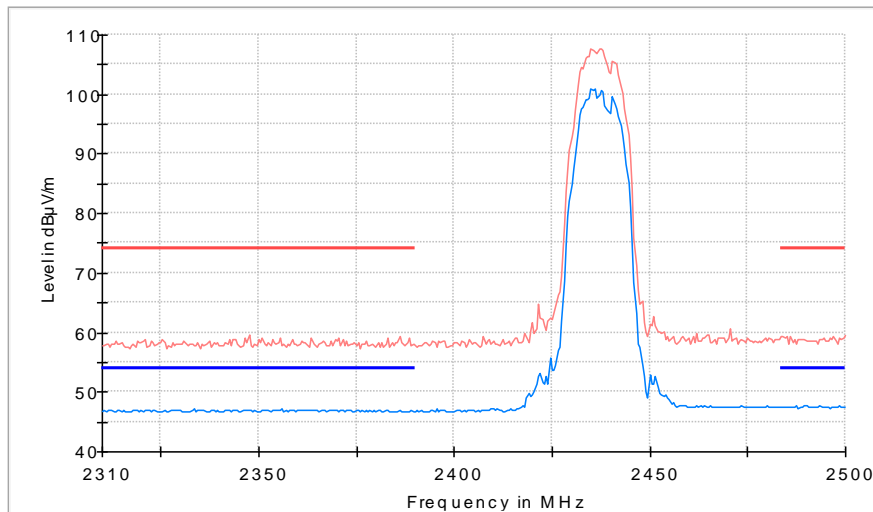
RESTRICTED BANDS	2.31 GHz – 2.5 GHz
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CHANNEL: Lowest (2412 MHz)



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

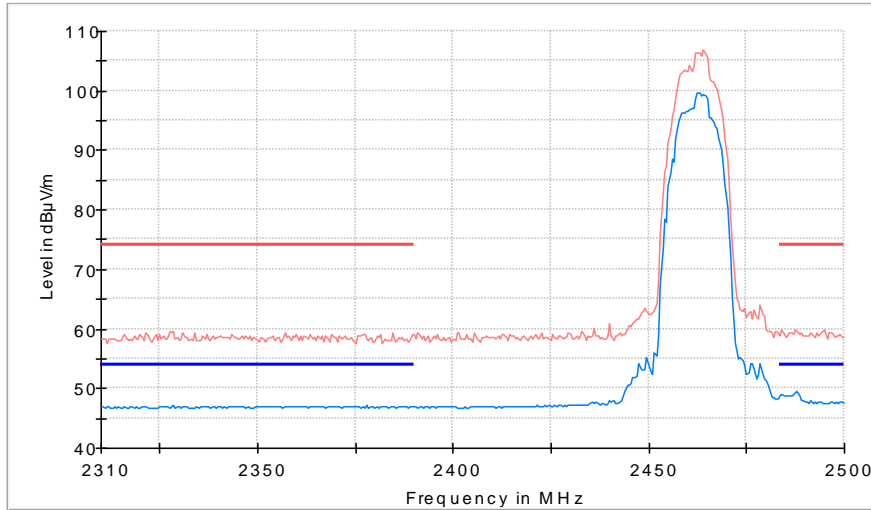
CHANNEL: Middle (2437 MHz)



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

TEST RESULTS (Cont.)

CHANNEL: Highest (2462 MHz)



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

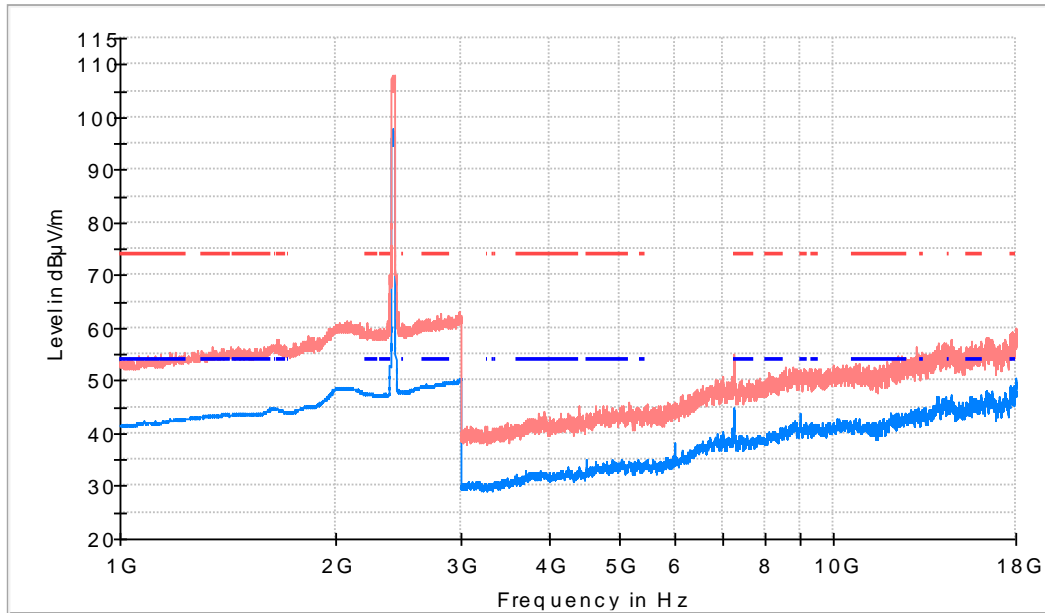
TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#03 (n20 mode MIMO RADIO A + B)
TEST RESULTS:	PASS

Frequency range 1 GHz – 26 GHz

The results in the next tables show the maximum measured levels in the 1-26 GHz range including the restricted bands 2.31-2.39 GHz and 2.4835-2.5 GHz (see next plots).

TEST RESULTS (Cont.)	
FREQUENCY RANGE	1- 18 GHz

CHANNEL: Low (2412 MHz).



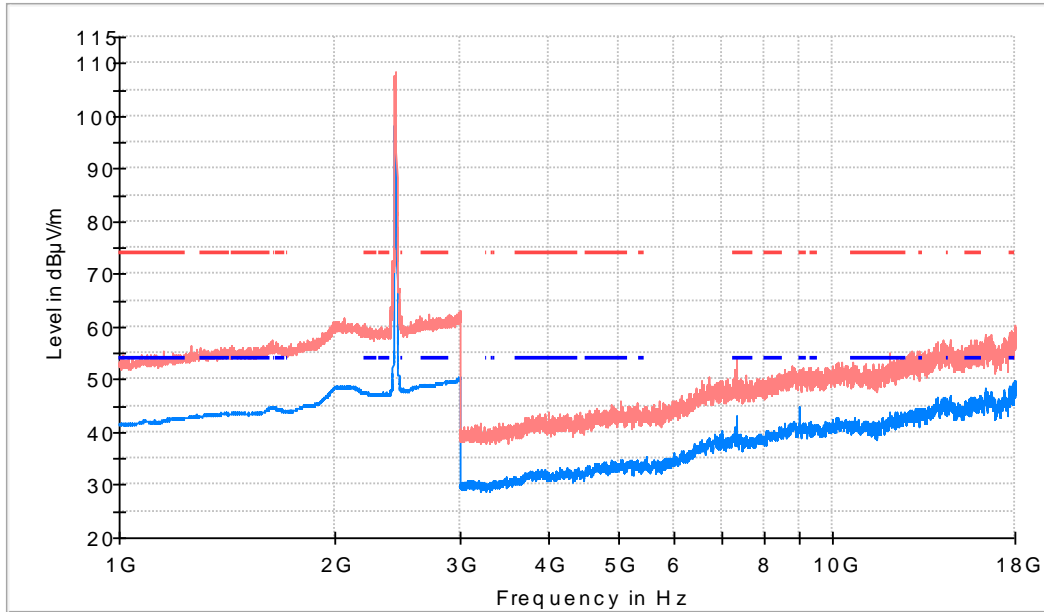
- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
2389.500000	68.4	52.9	H	1.1	54.0	
2404.500000	108.0	95.5	H	---	---	Fundamental
7250.500000	50.6	41.8	V	12.2	54.0	
9000.000000	51.3	43.8	H	10.2	54.0	
17962.500000	60.1	49.8	H	4.2	54.0	

TEST RESULTS (Cont.) **1 – 18 GHz**

CHANNEL: Middle (2437 MHz).



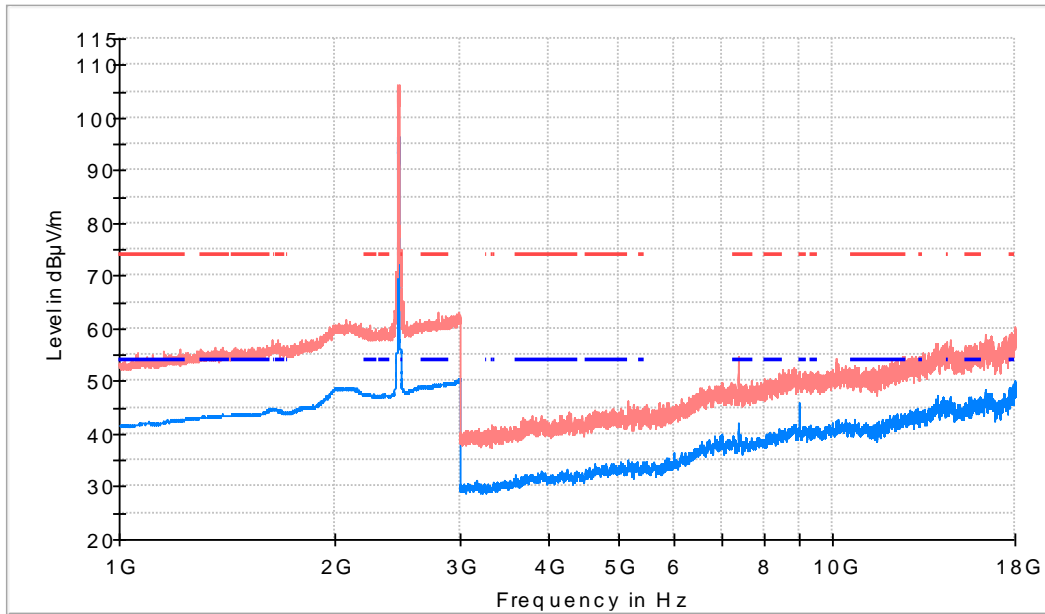
- AVG_MAXH
- PK+_MAXH
- - - TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
2440.500000	108.4	96.7	H	---	---	Fundamental
7318.000000	54.0	43.0	H	11.0	54.0	
9000.000000	50.6	45.0	V	9.0	54.0	
17965.000000	60.3	49.4	V	4.6	54.0	

TEST RESULTS (Cont.) **1 – 18 GHz**

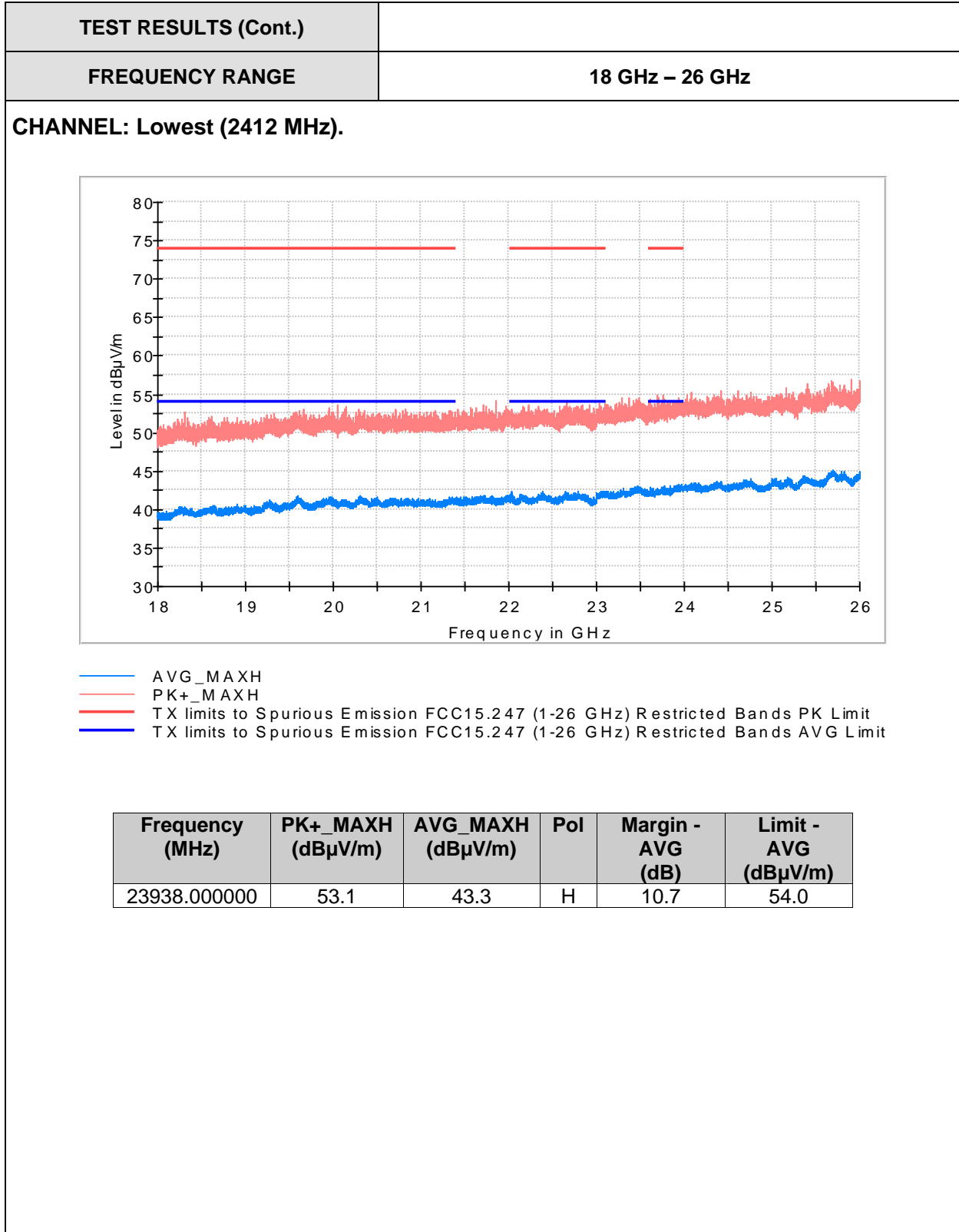
CHANNEL: Highest (2462 MHz).



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

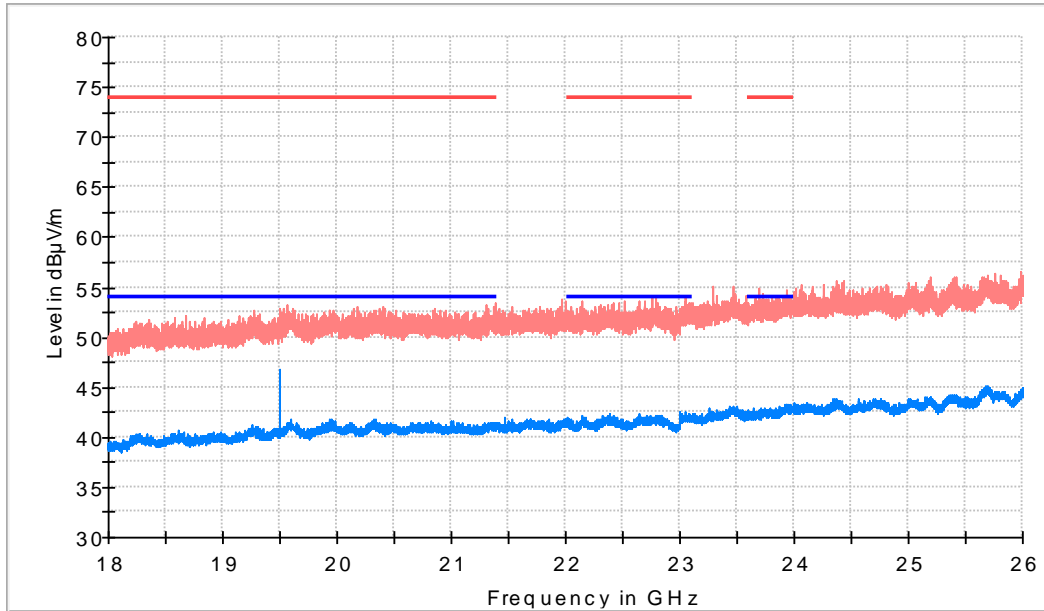
Maximizations

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
2469.500000	106.2	95.8	H	---	---	Fundamental
2483.500000	69.2	53.1	H	0.9	54.0	
7386.500000	54.6	40.6	H	13.4	54.0	



TEST RESULTS (Cont.)

CHANNEL: Middle (2437 MHz).



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19495.500000	52.9	46.8	V	7.2	54.0