

Appendix B: Test Results of 2.4G Wi-Fi

Content

CONTENT 1

APPENDIX B.1: 6dB & 99% BANDWIDTH..... 2

APPENDIX B.2: OUTPUT POWER 32

APPENDIX B.3: POWER SPECTRAL DENSITY 33

APPENDIX B.4: CONDUCTED BAND EDGE AND OUT-OF BAND EMISSIONS..... 48

APPENDIX B.5: TX UNWANTED EMISSIONS IN THE OUT-OF-BAND DOMAIN..... 56

APPENDIX B.6: RADIATED SPURIOUS EMISSION..... 66

Appendix B.1: 6dB & 99% Bandwidth

6dB Bandwidth, 802.11b, 2412MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	10.150000	0.500000	---	2406.925000	2417.075000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	5.6	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	94.922 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	16 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.11 dB	0.50 dB

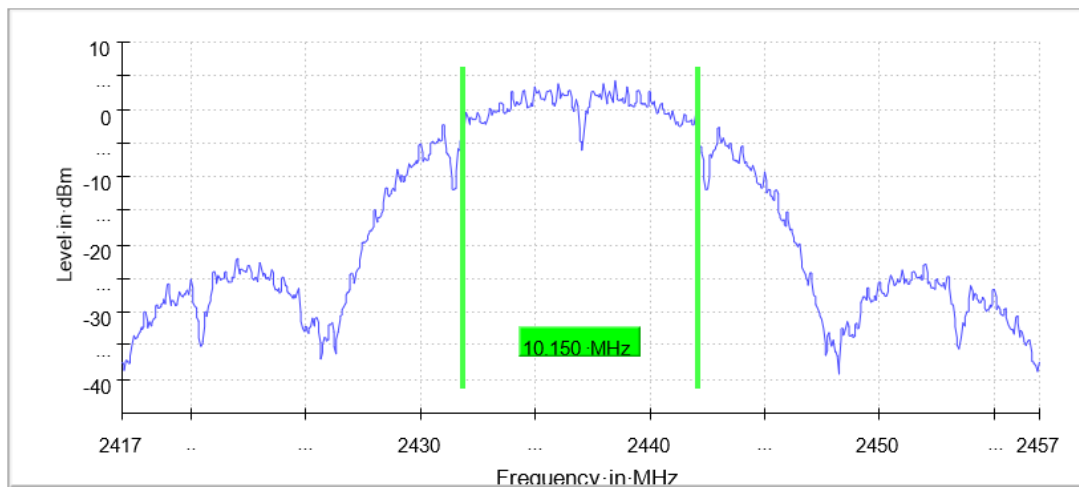
6dB Bandwidth, 802.11b, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	10.150000	0.500000	---	2431.925000	2442.075000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	4.2	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	11 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.10 dB	0.50 dB

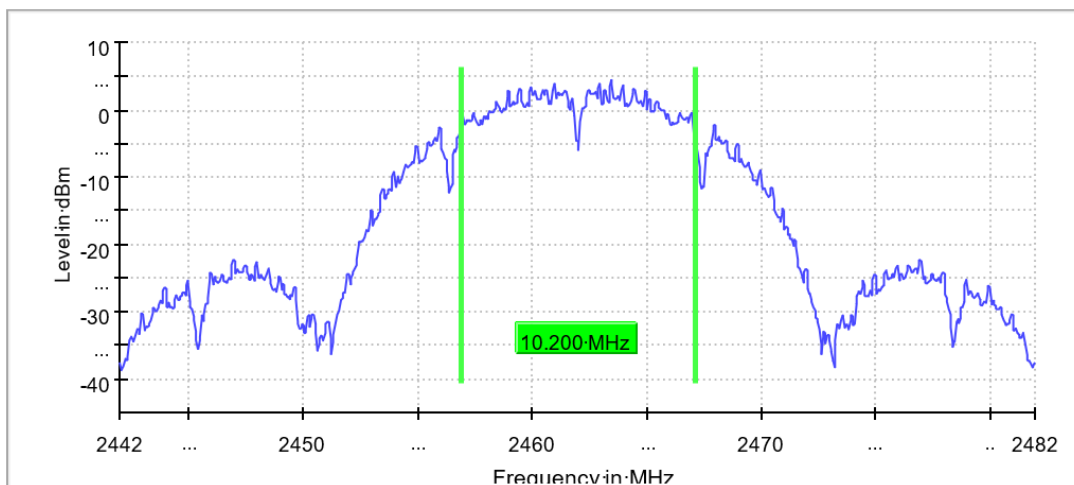
6dB Bandwidth, 802.11b, 2462MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	10.200000	0.500000	---	2456.875000	2467.075000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	4.4	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	11 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.13 dB	0.50 dB

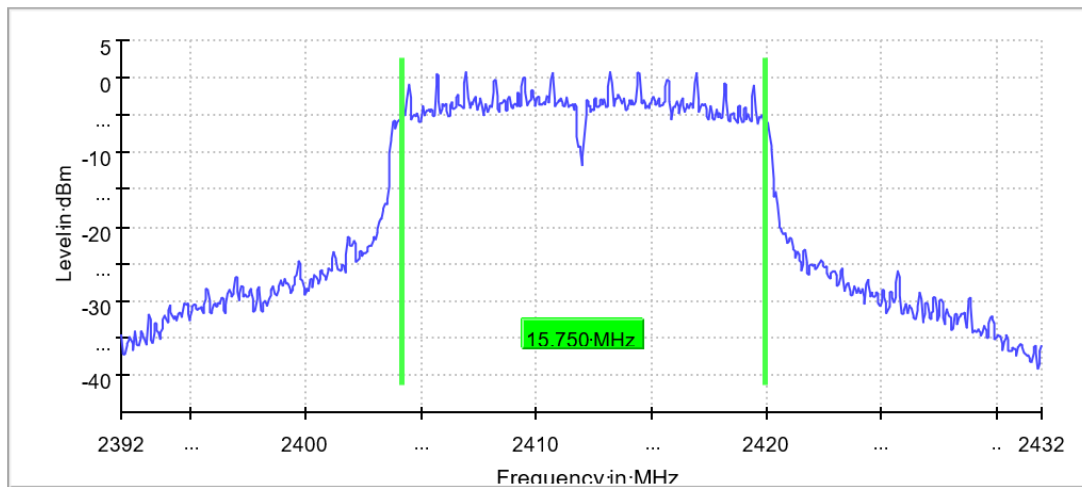
6dB Bandwidth, 802.11g, 2412MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	15.750000	0.500000	---	2404.175000	2419.925000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	0.9	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	19 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.08 dB	0.50 dB

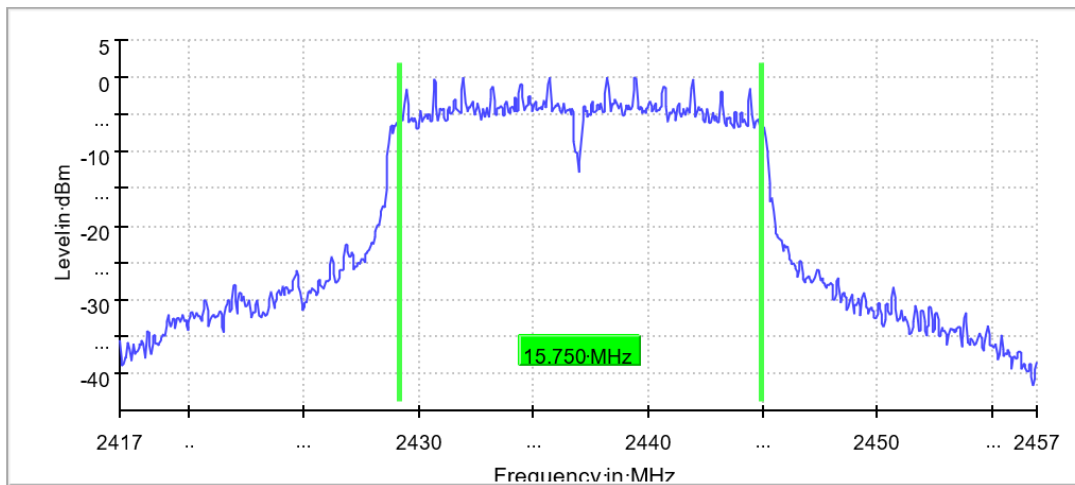
6dB Bandwidth, 802.11g, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	15.750000	0.500000	---	2429.175000	2444.925000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	0.1	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	15 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.13 dB	0.50 dB

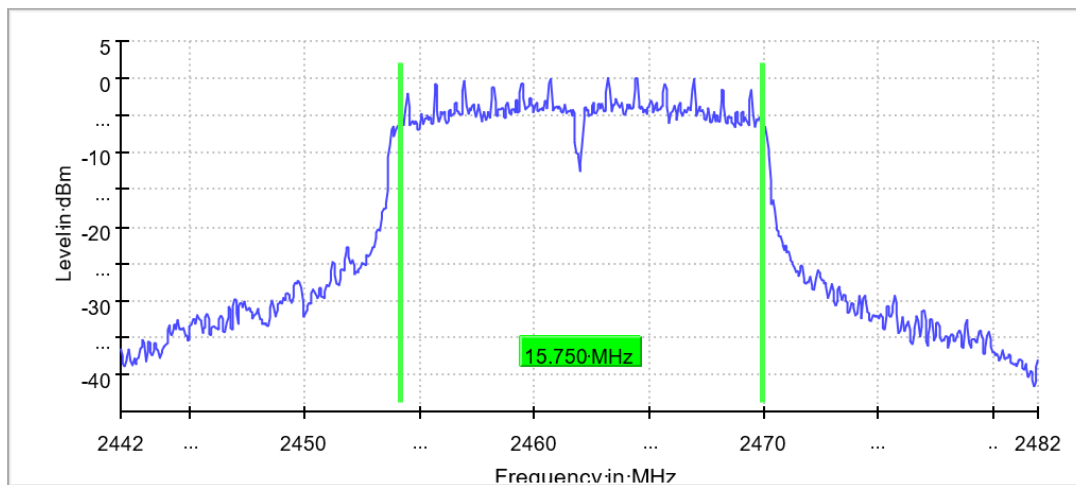
6dB Bandwidth, 802.11g, 2462MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	15.750000	0.500000	---	2454.175000	2469.925000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	0.1	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	19 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.17 dB	0.50 dB

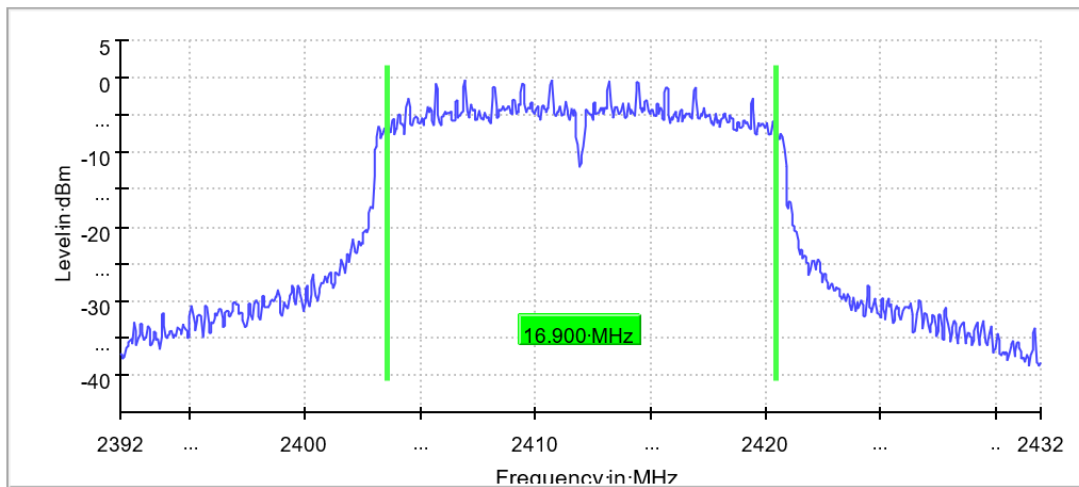
6dB Bandwidth, 802.11n-HT20, 2412MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.900000	0.500000	---	2403.525000	2420.425000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	-0.2	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	16 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.15 dB	0.50 dB

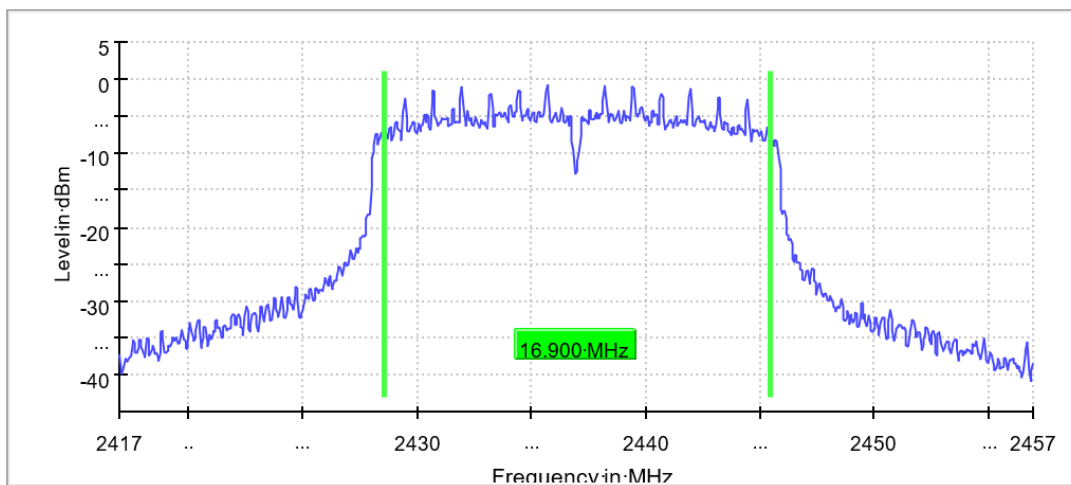
6dB Bandwidth, 802.11n-HT20, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.900000	0.500000	---	2428.525000	2445.425000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	-0.8	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	25 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.18 dB	0.50 dB

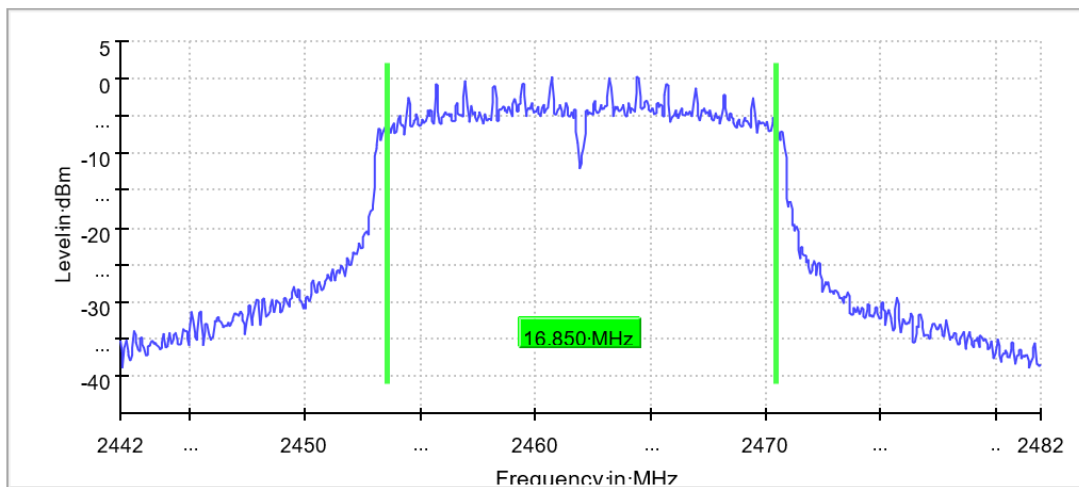
6dB Bandwidth, 802.11n-HT20, 2462MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.850000	0.500000	---	2453.575000	2470.425000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	0.2	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	16 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.41 dB	0.50 dB

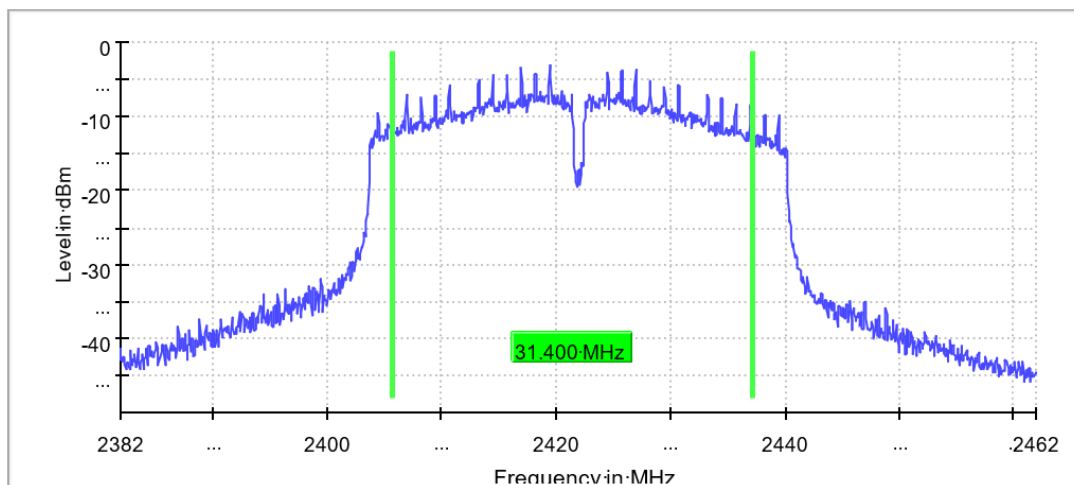
6dB Bandwidth, 802.11n-HT40, 2422MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	31.400000	0.500000	---	2405.675000	2437.075000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2422.000000	-3.0	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.38200 GHz	2.38200 GHz
Stop Frequency	2.46200 GHz	2.46200 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
Sweptime	1.600 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	40 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.22 dB	0.50 dB

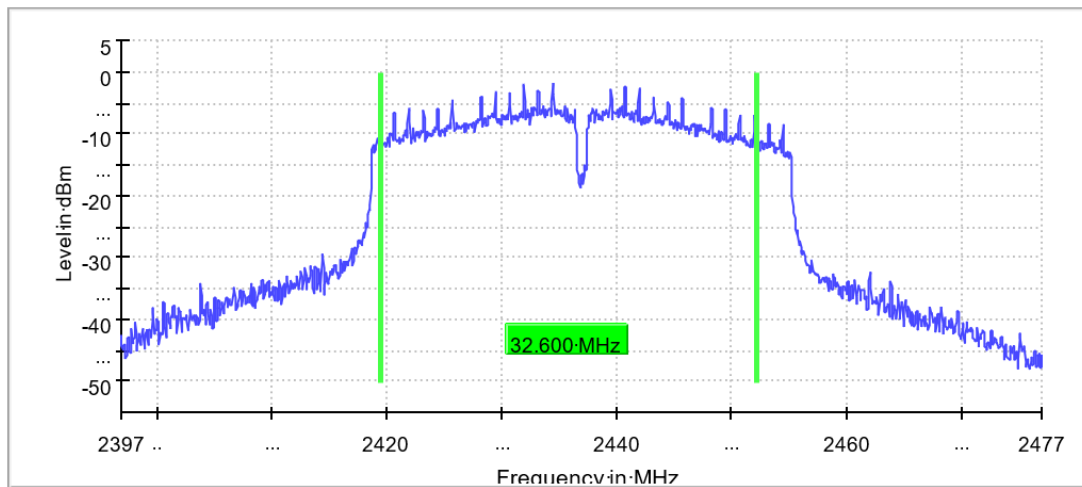
6dB Bandwidth, 802.11n-HT40, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	32.600000	0.500000	---	2419.475000	2452.075000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	-1.9	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39700 GHz	2.39700 GHz
Stop Frequency	2.47700 GHz	2.47700 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
Sweptime	1.600 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	37 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.14 dB	0.50 dB

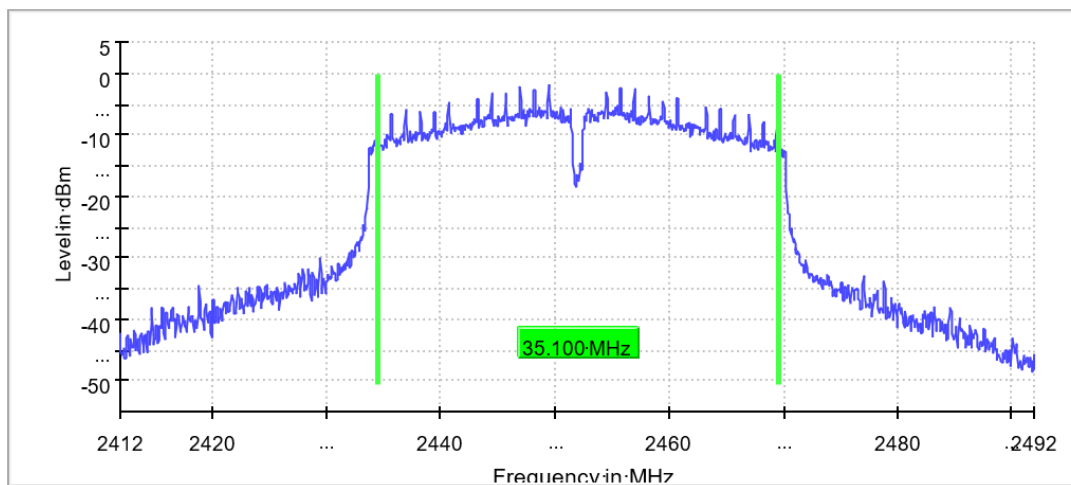
6dB Bandwidth, 802.11n-HT40, 2452MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	35.100000	0.500000	---	2434.475000	2469.575000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2452.000000	-2.0	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41200 GHz	2.41200 GHz
Stop Frequency	2.49200 GHz	2.49200 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	1600	~ 1600
Sweptime	1.600 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	32 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.15 dB	0.50 dB

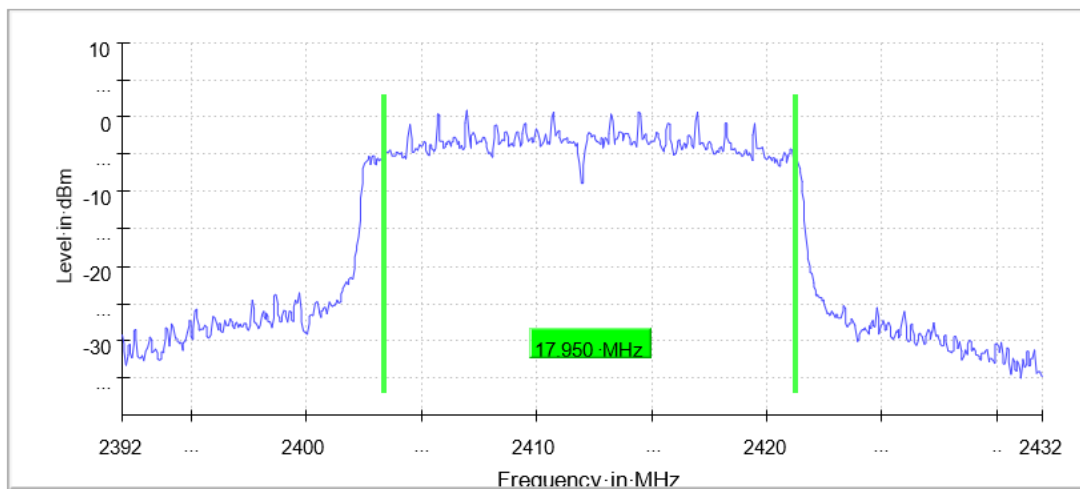
6dB Bandwidth, 802.11ax-HE20, 2412MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	17.950000	0.500000	---	2403.375000	2421.325000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	1.0	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	33 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.39 dB	0.50 dB

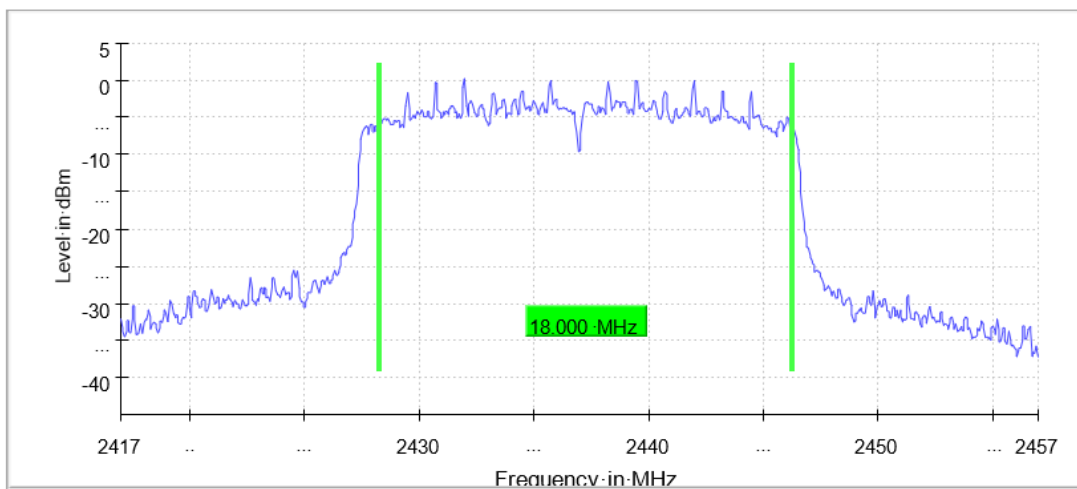
6dB Bandwidth, 802.11ax-HE20, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	18.000000	0.500000	---	2428.325000	2446.325000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	0.2	PASS

6-dB-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweeptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	29 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.41 dB	0.50 dB

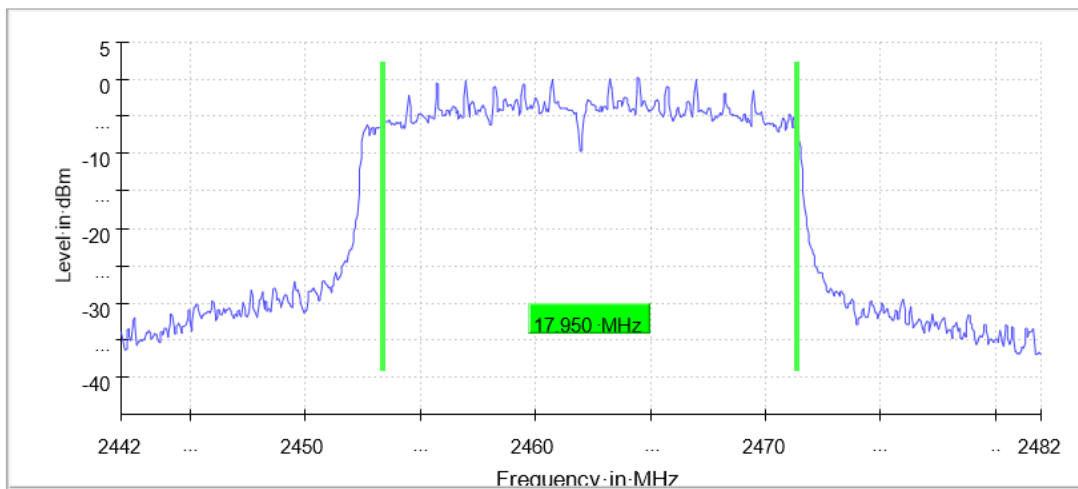
6dB Bandwidth, 802.11ax-HE20, 2462MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	17.950000	0.500000	---	2453.425000	2471.375000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	0.2	PASS

6-dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
Sweptime	94.922 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	33 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.43 dB	0.50 dB

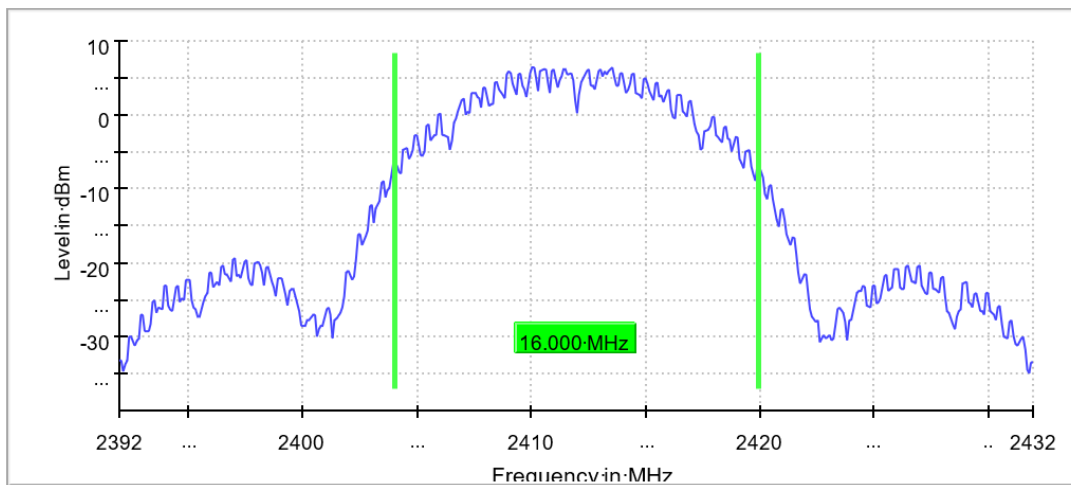
99% Bandwidth, 802.11b, 2412MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.000000	---	---	2403.950000	2419.950000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2412.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	11 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 dB	0.30 dB

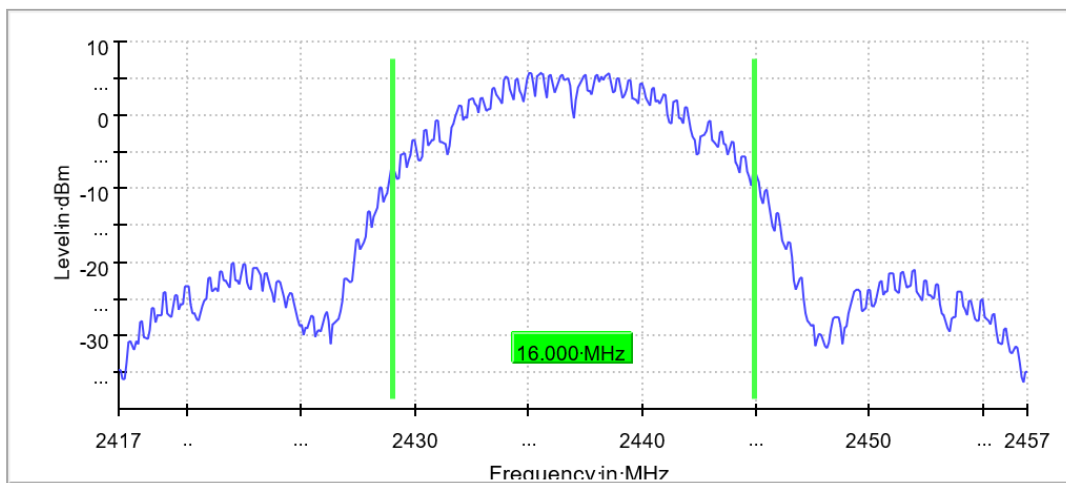
99% Bandwidth, 802.11b, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.000000	---	---	2428.950000	2444.950000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	≥ 200.000 kHz
VBW	1.000 MHz	≥ 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	47.266 μ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	9 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.14 dB	0.30 dB

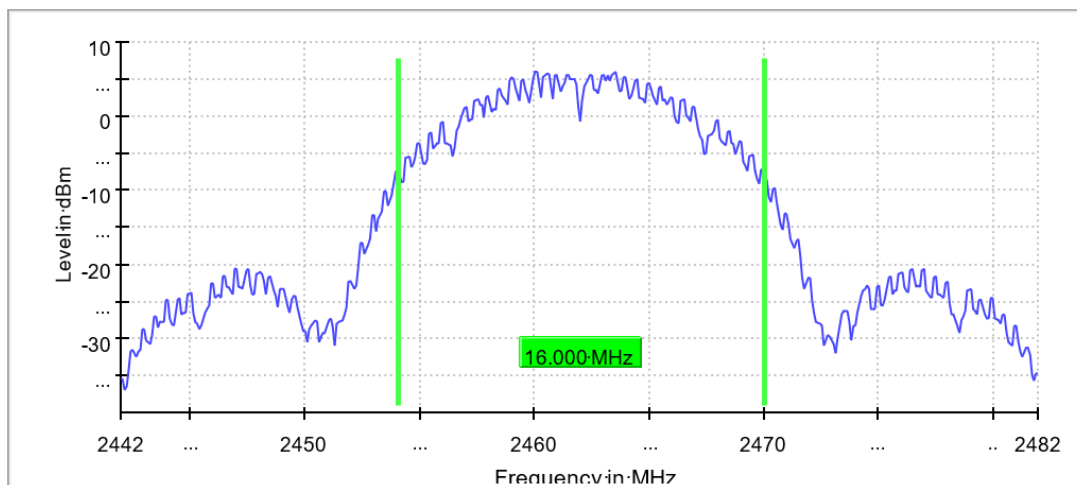
99% Bandwidth, 802.11b, 2462MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.000000	---	---	2454.050000	2470.050000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2462.000000	PASS

99% Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	12 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 dB	0.30 dB

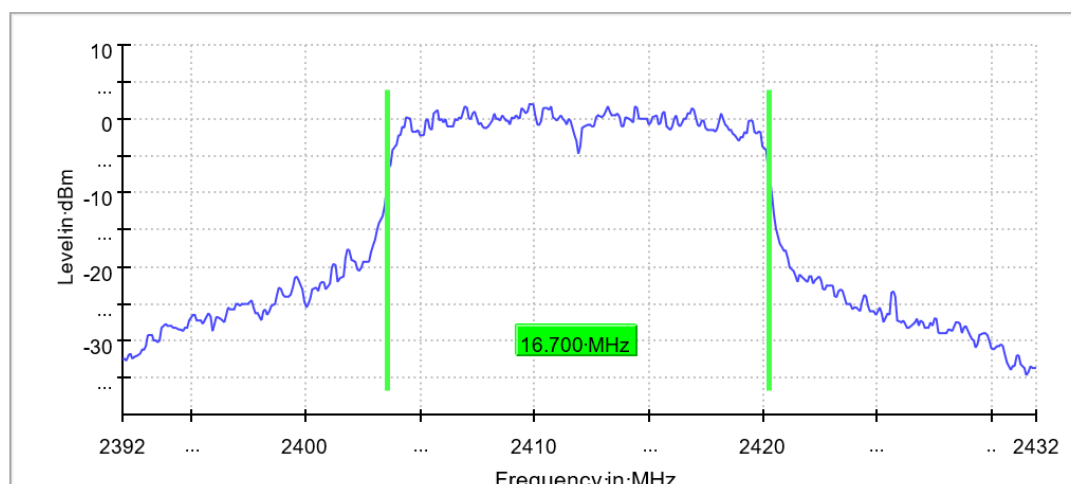
99% Bandwidth, 802.11g, 2412MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	16.700000	---	---	2403.550000	2420.250000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2412.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	17 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.22 dB	0.30 dB

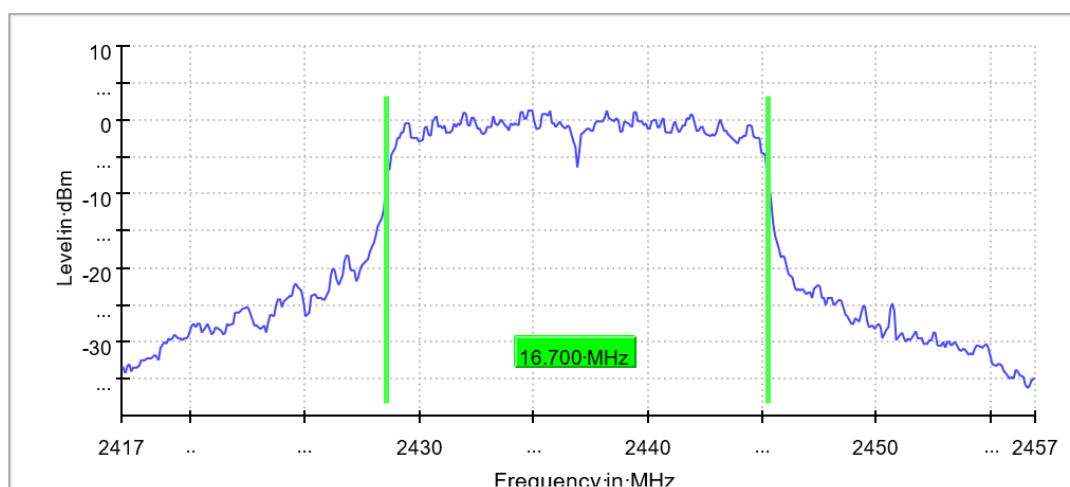
99% Bandwidth, 802.11g, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.700000	---	---	2428.550000	2445.250000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	19 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.07 dB	0.30 dB

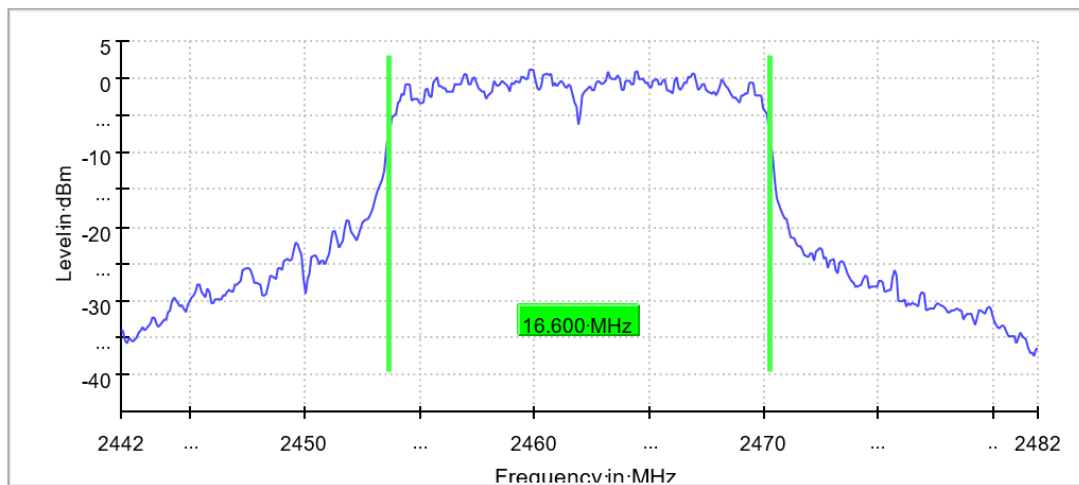
99% Bandwidth, 802.11g, 2462MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	16.600000	---	---	2453.650000	2470.250000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2462.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	12 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.26 dB	0.30 dB

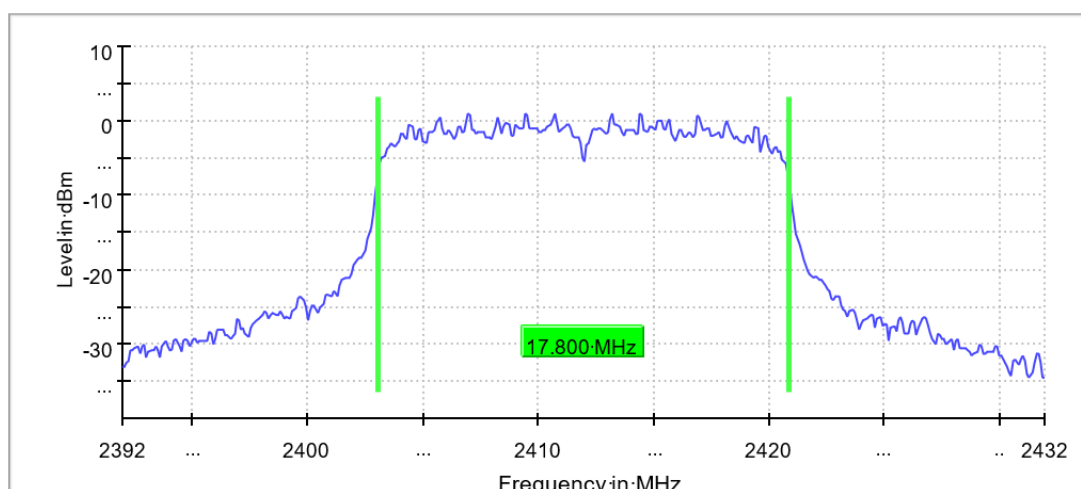
99% Bandwidth, 802.11n-HT20, 2412MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	17.800000	---	---	2403.050000	2420.850000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2412.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	31 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.30 dB

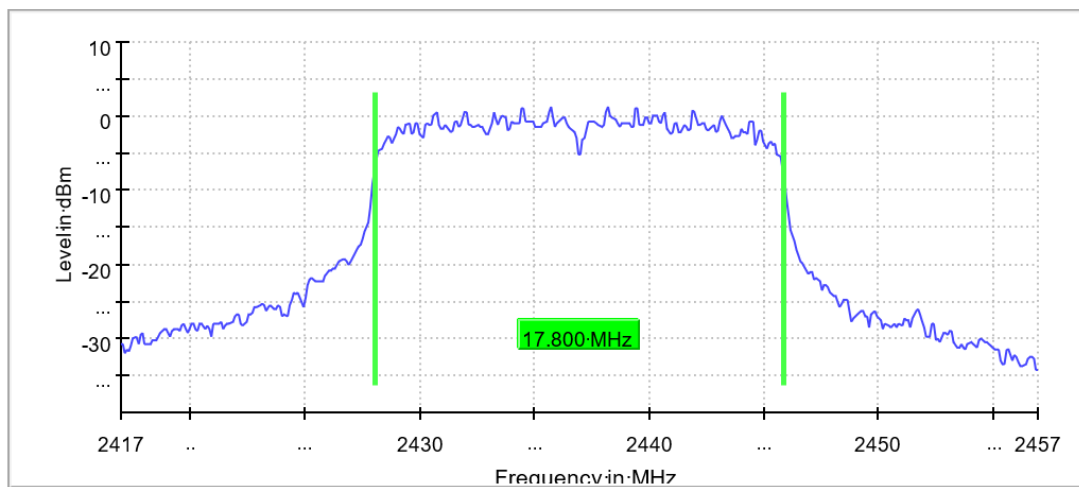
99% Bandwidth, 802.11n-HT20, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	17.800000	---	---	2428.050000	2445.850000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	≥ 200.000 kHz
VBW	1.000 MHz	≥ 600.000 kHz
SweepPoints	400	~ 400
Sweptime	47.266 μ s	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	22 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 dB	0.30 dB

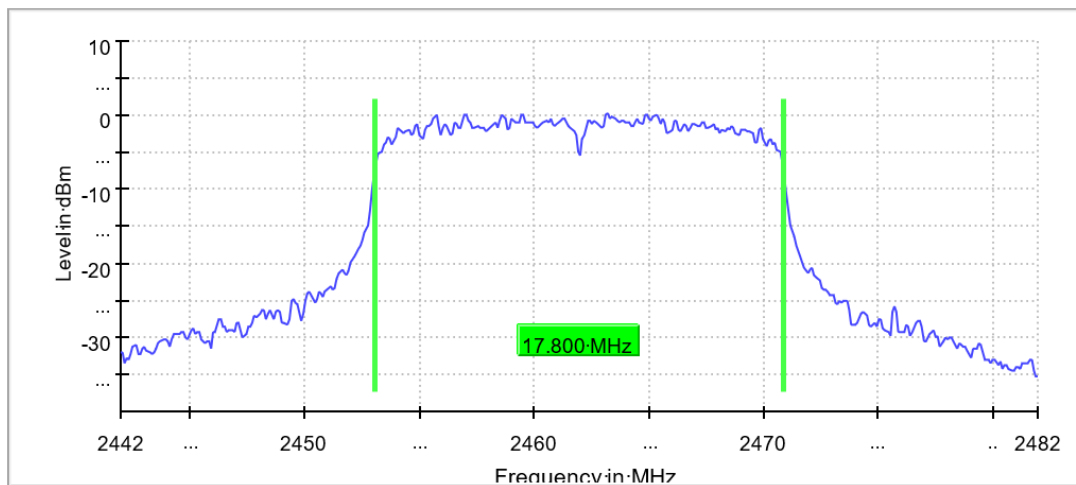
99% Bandwidth, 802.11n-HT20, 2462MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	17.800000	---	---	2453.050000	2470.850000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2462.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	26 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.17 dB	0.30 dB

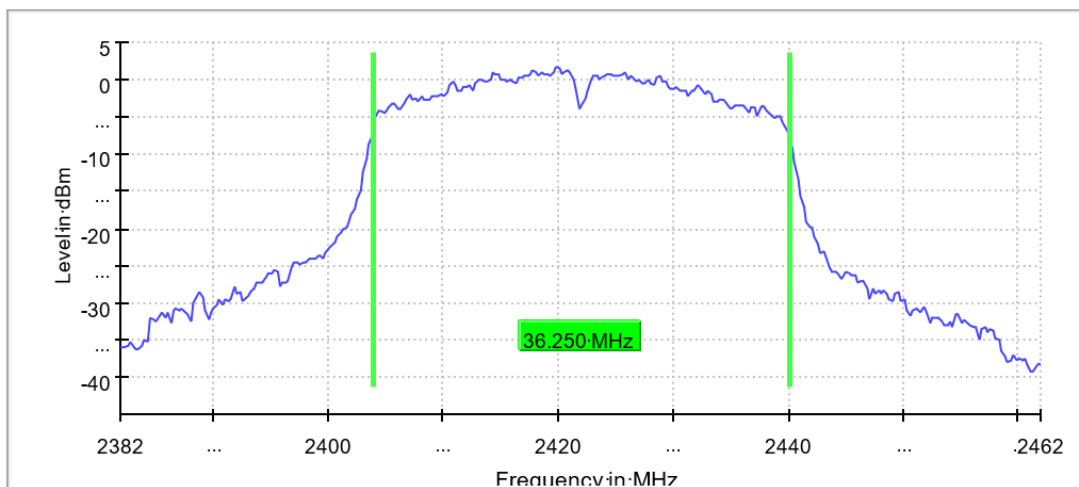
99% Bandwidth, 802.11n-HT40, 2422MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	36.250000	---	---	2403.875000	2440.125000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2422.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.38200 GHz	2.38200 GHz
Stop Frequency	2.46200 GHz	2.46200 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
Sweptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	21 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.13 dB	0.30 dB

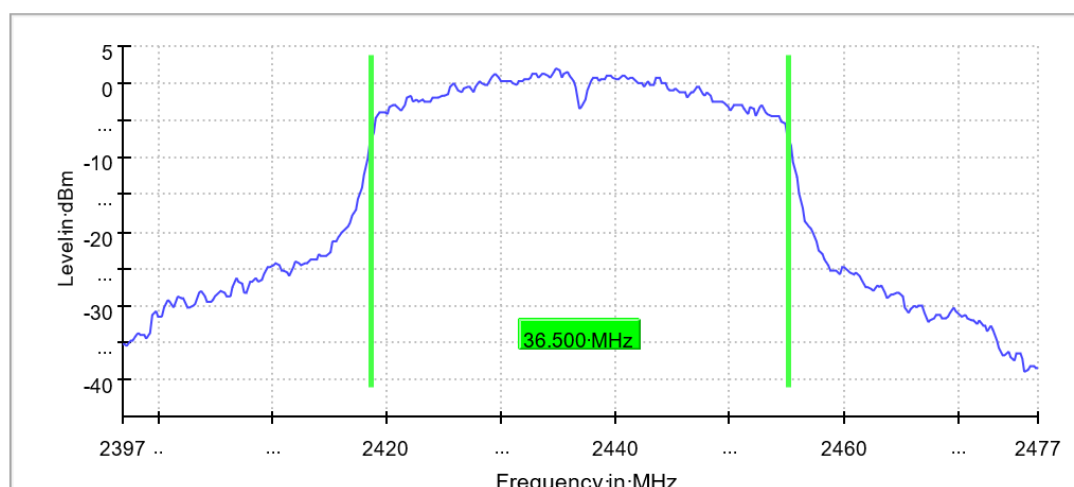
99% Bandwidth, 802.11n-HT40, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	36.500000	---	---	2418.625000	2455.125000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39700 GHz	2.39700 GHz
Stop Frequency	2.47700 GHz	2.47700 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
Sweptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	32 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 dB	0.30 dB

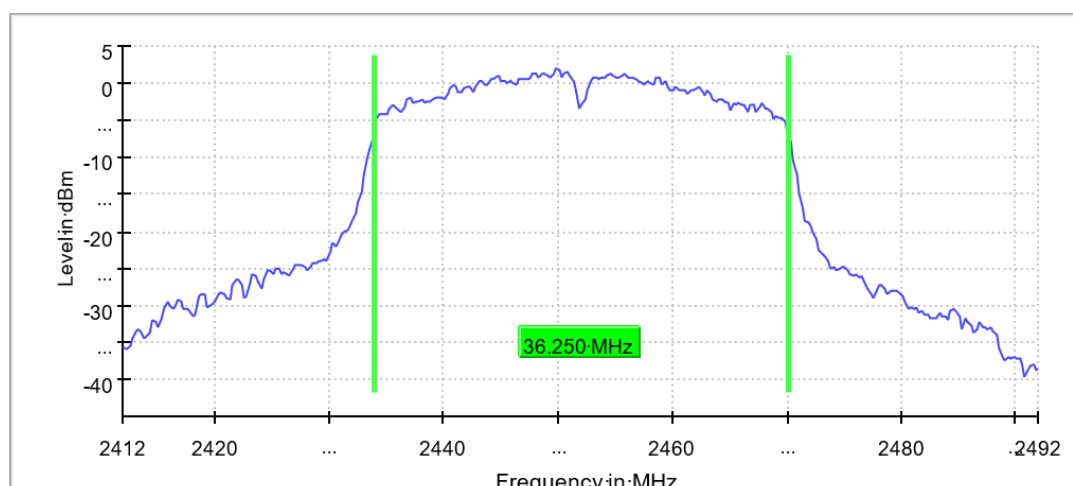
99% Bandwidth, 802.11n-HT40, 2452MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	36.250000	---	---	2433.875000	2470.125000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2452.000000	PASS

99%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41200 GHz	2.41200 GHz
Stop Frequency	2.49200 GHz	2.49200 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	>= 400.000 kHz
VBW	2.000 MHz	>= 1.500 MHz
SweepPoints	320	~ 320
Sweptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	19 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.27 dB	0.30 dB

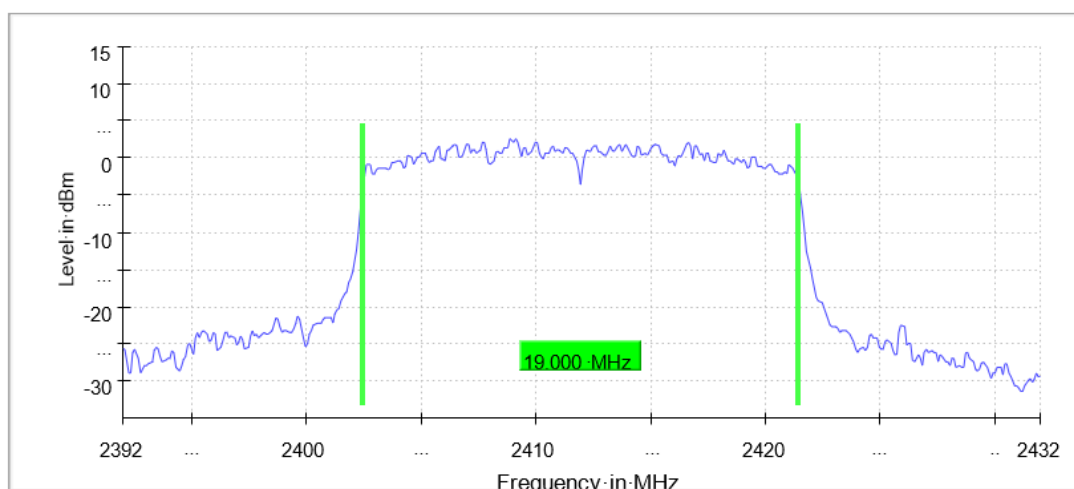
99% Bandwidth, 802.11ax-HE20, 2412MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	19.000000	---	---	2402.450000	2421.450000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2412.000000	PASS

99 %- Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	32 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 dB	0.30 dB

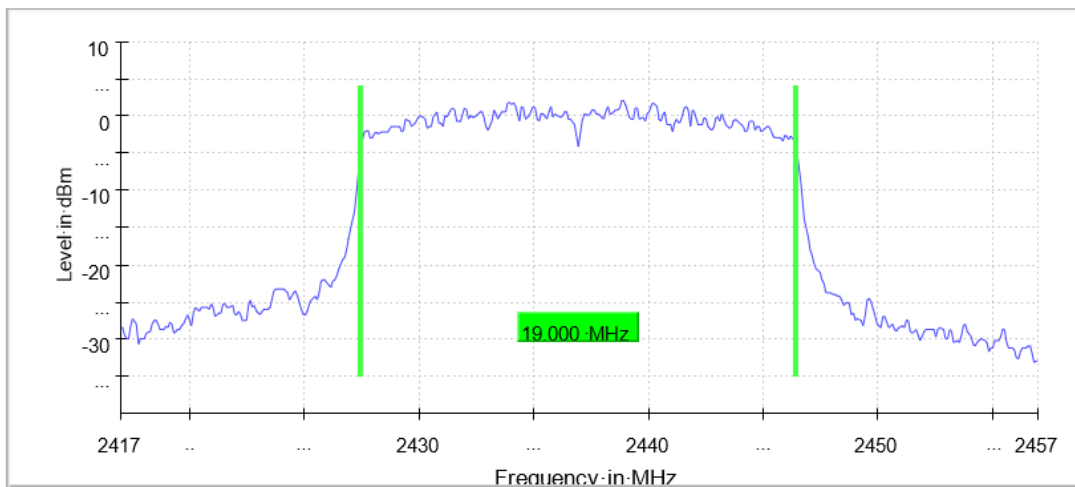
99% Bandwidth, 802.11ax-HE20, 2437MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	19.000000	---	---	2427.450000	2446.450000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS

99-%-Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41700 GHz	2.41700 GHz
Stop Frequency	2.45700 GHz	2.45700 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	26 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.12 dB	0.30 dB

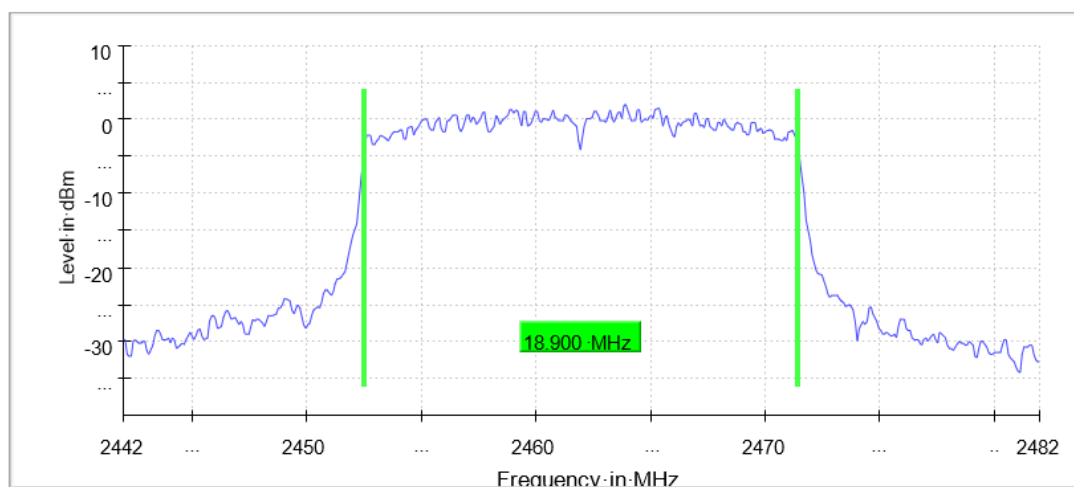
99% Bandwidth, 802.11ax-HE20, 2462MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	18.900000	---	---	2452.550000	2471.450000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2462.000000	PASS

99-% Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44200 GHz	2.44200 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	>= 200.000 kHz
VBW	1.000 MHz	>= 600.000 kHz
SweepPoints	400	~ 400
Sweeptime	47.266 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	22 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 dB	0.30 dB

Appendix B.2: Output Power

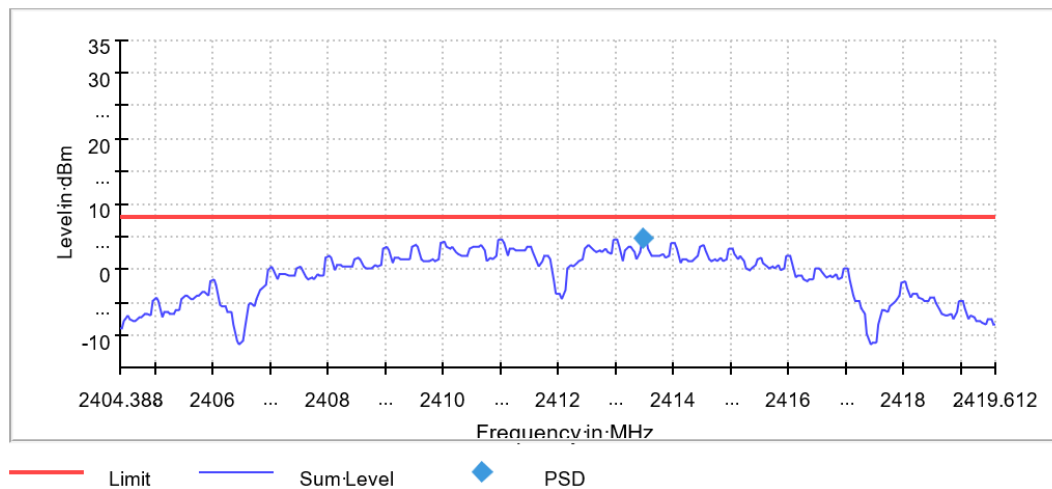
Test Mode	Frequency [MHz]	Peak Conducted Output Power [dBm]	Limit [dBm]
802.11b	2412	17.3	30
	2437	16.5	30
	2462	16.6	30
802.11g	2412	17.6	30
	2437	17.1	30
	2462	17.3	30
802.11n-HT20	2412	18.2	30
	2437	17.7	30
	2462	17.9	30
802.11n-HT40	2422	15.8	30
	2437	15.8	30
	2452	15.9	30
802.11ax-HE20	2412	17.8	30
	2437	17.2	30
	2462	17.4	30

Appendix B.3: Power Spectral density

Power Spectral Density, 802.11b, 2412MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2413.477426	4.869	8.0	PASS

Peak Power Spectral Density



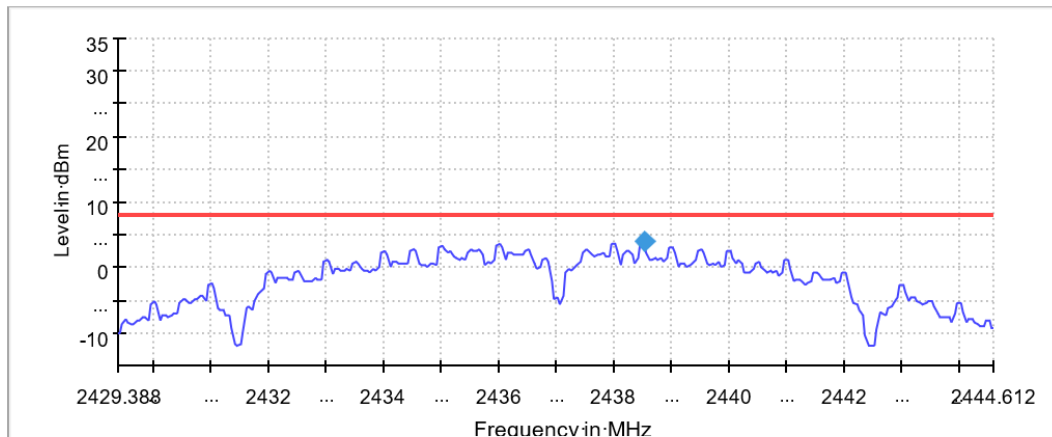
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40439 GHz	2.40439 GHz
Stop Frequency	2.41961 GHz	2.41961 GHz
Span	15.225 MHz	15.225 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	304	~ 304
SweepTime	1.030 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.18 dB	0.50 dB

Power Spectral Density, 802.11b, 2437MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2438.527508	4.047	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

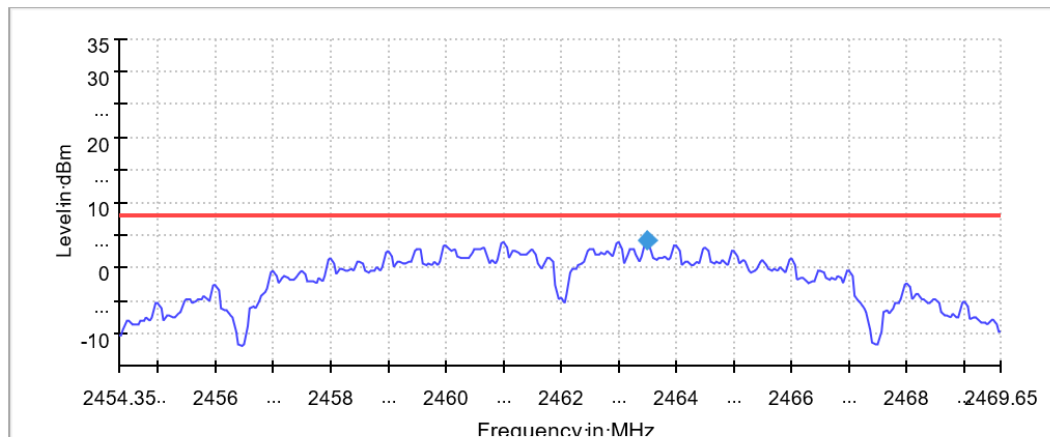
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42939 GHz	2.42939 GHz
Stop Frequency	2.44461 GHz	2.44461 GHz
Span	15.225 MHz	15.225 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	304	~ 304
SweepTime	1.030 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	8 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.24 dB	0.50 dB

Power Spectral Density, 802.11b, 2462MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2463.525000	4.292	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

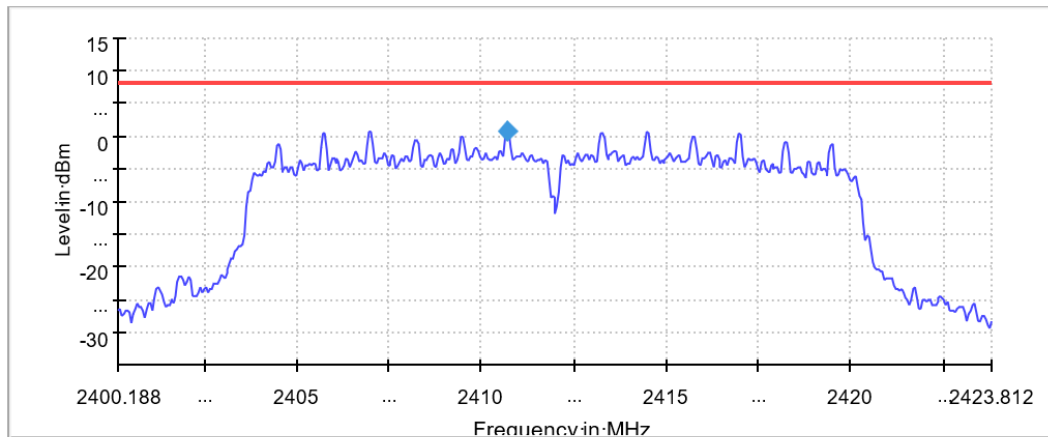
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.45435 GHz	2.45435 GHz
Stop Frequency	2.46965 GHz	2.46965 GHz
Span	15.300 MHz	15.300 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	306	~ 306
Sweeptime	1.030 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.07 dB	0.50 dB

Power Spectral Density, 802.11g, 2412MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2410.723649	0.836	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

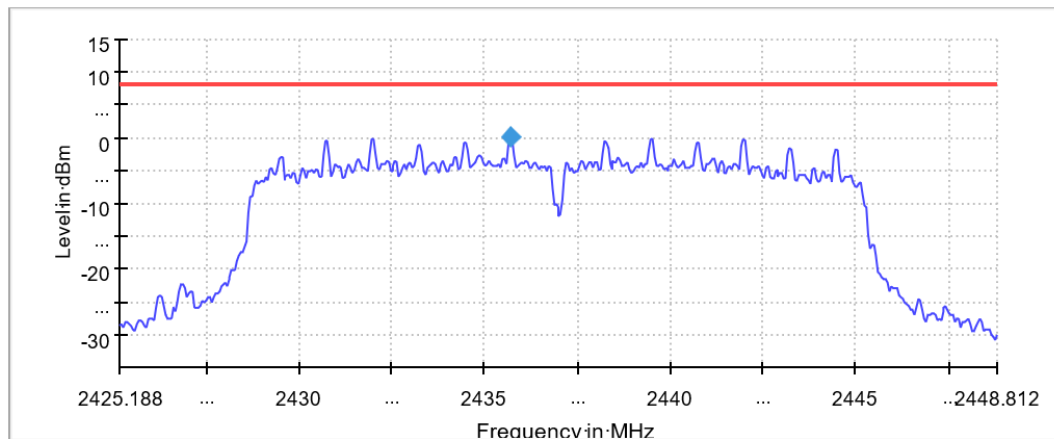
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40019 GHz	2.40019 GHz
Stop Frequency	2.42381 GHz	2.42381 GHz
Span	23.625 MHz	23.625 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	472	~ 472
SweepTime	1.090 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	16 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.31 dB	0.50 dB

Power Spectral Density, 802.11g, 2437MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2435.723649	0.121	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

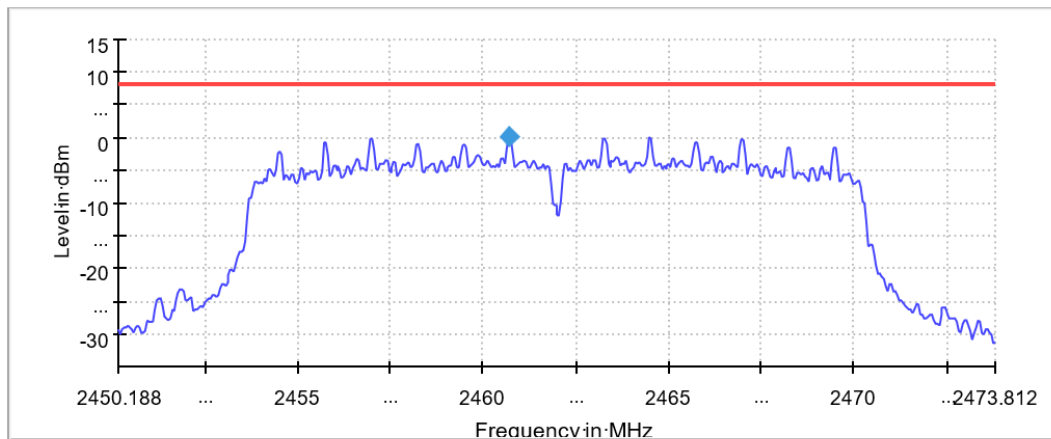
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42519 GHz	2.42519 GHz
Stop Frequency	2.44881 GHz	2.44881 GHz
Span	23.625 MHz	23.625 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	472	~ 472
SweepTime	1.090 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.31 dB	0.50 dB

Power Spectral Density, 802.11g, 2462MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2460.723649	0.086	8.0	PASS

Peak Power Spectral Density



— Limit — Sum-Level ◆ PSD

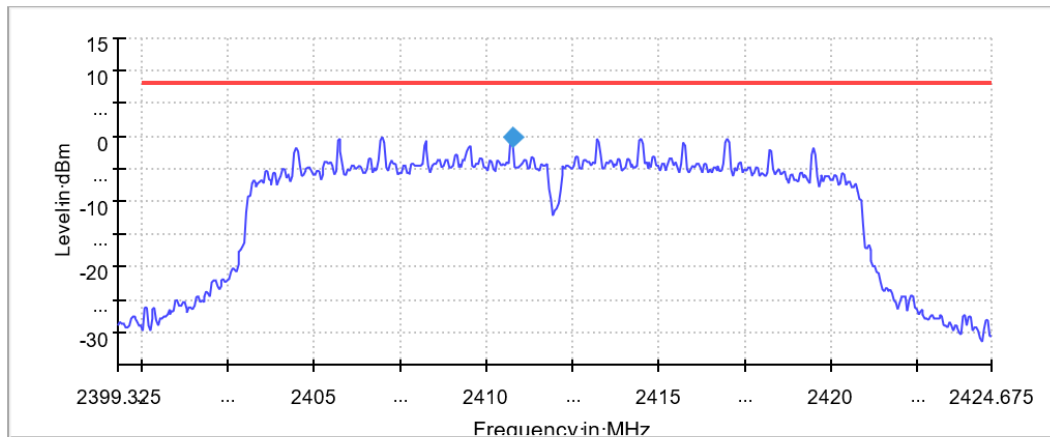
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.45019 GHz	2.45019 GHz
Stop Frequency	2.47381 GHz	2.47381 GHz
Span	23.625 MHz	23.625 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	472	~ 472
SweepTime	1.090 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	18 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.31 dB	0.50 dB

Power Spectral Density, 802.11n-HT20, 2412MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2410.750000	-0.042	8.0	PASS

Peak Power Spectral Density



— Limit — Sum-Level ◆ PSD

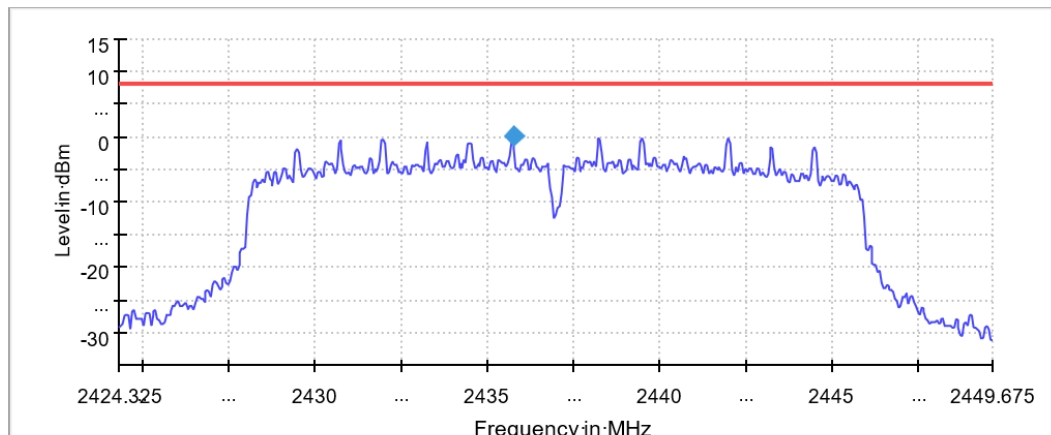
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39933 GHz	2.39933 GHz
Stop Frequency	2.42468 GHz	2.42468 GHz
Span	25.350 MHz	25.350 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	507	~ 507
SweepTime	1.060 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	22 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.31 dB	0.50 dB

Power Spectral Density, 802.11n-HT20, 2437MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2435.750000	0.191	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

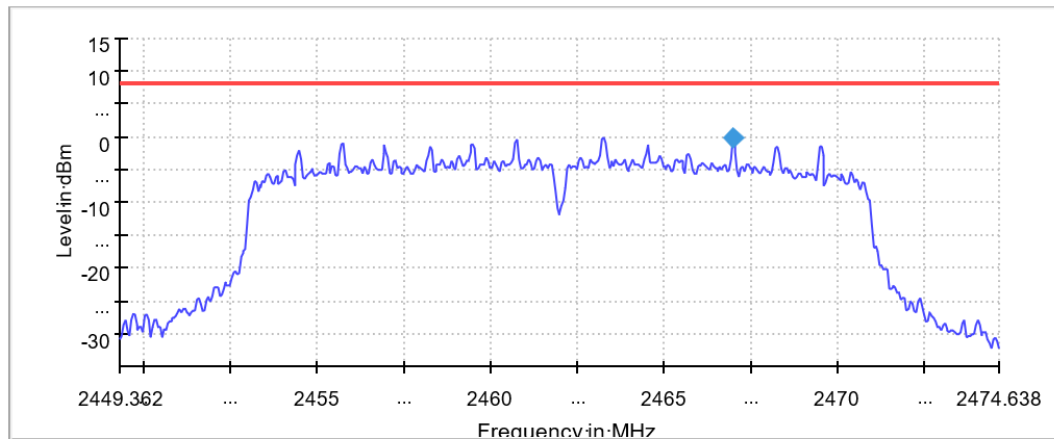
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42433 GHz	2.42433 GHz
Stop Frequency	2.44968 GHz	2.44968 GHz
Span	25.350 MHz	25.350 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	507	~ 507
Sweeptime	1.060 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	15 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.45 dB	0.50 dB

Power Spectral Density, 802.11n-HT20, 2462MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2466.970084	-0.044	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

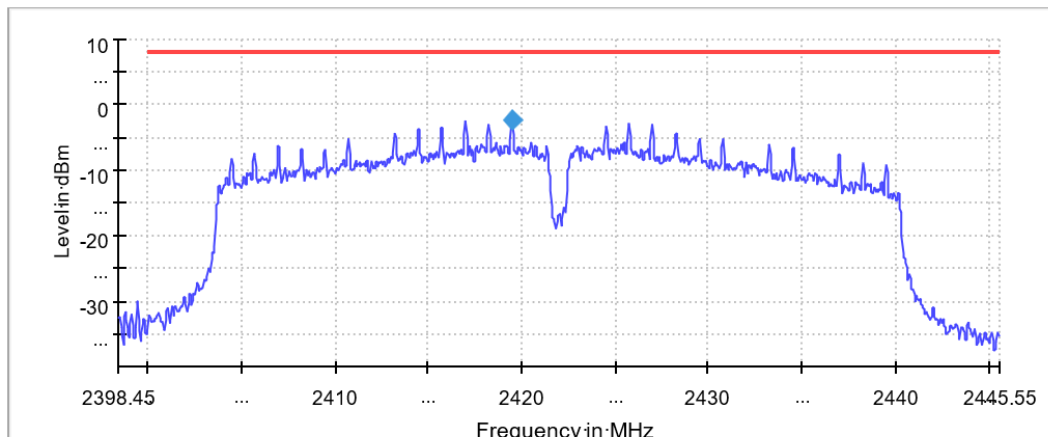
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44936 GHz	2.44936 GHz
Stop Frequency	2.47464 GHz	2.47464 GHz
Span	25.275 MHz	25.275 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	506	~ 506
SweepTime	1.060 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	15 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.19 dB	0.50 dB

Power Spectral Density, 802.11n-HT40, 2422MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2422.000000	2419.525000	-2.285	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

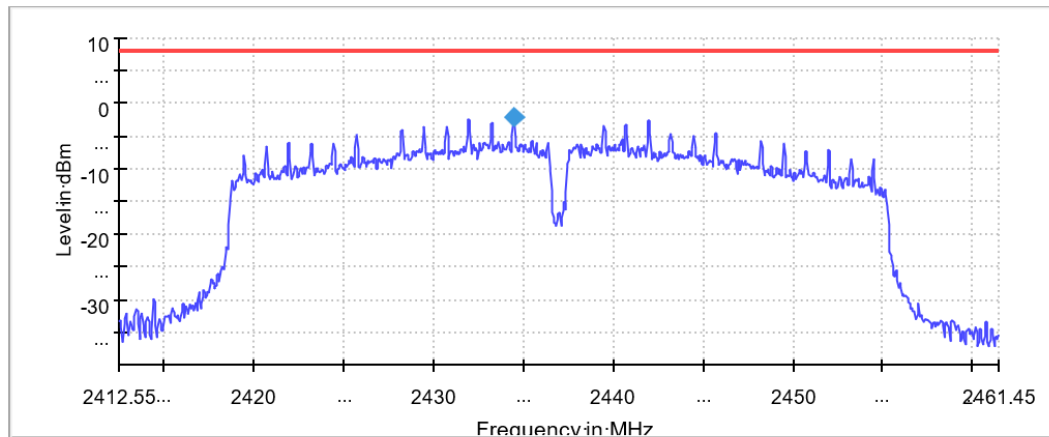
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39845 GHz	2.39845 GHz
Stop Frequency	2.44555 GHz	2.44555 GHz
Span	47.100 MHz	47.100 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	942	~ 942
SweepTime	1.010 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	22 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.07 dB	0.50 dB

Power Spectral Density, 802.11n-HT40, 2437MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2434.525000	-2.036	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

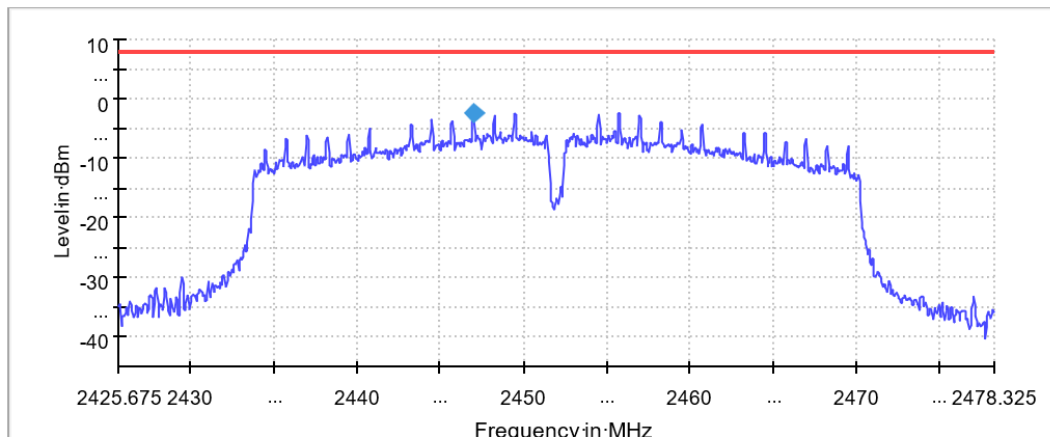
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.41255 GHz	2.41255 GHz
Stop Frequency	2.46145 GHz	2.46145 GHz
Span	48.900 MHz	48.900 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	978	~ 978
SweepTime	1.050 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	17 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.34 dB	0.50 dB

Power Spectral Density, 802.11n-HT40, 2452MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2452.000000	2447.000000	-2.381	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

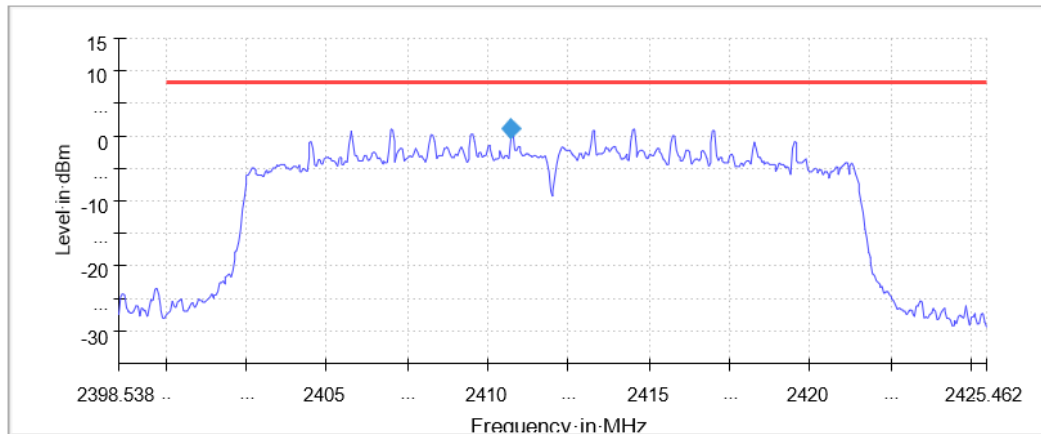
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42568 GHz	2.42568 GHz
Stop Frequency	2.47833 GHz	2.47833 GHz
Span	52.650 MHz	52.650 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1053	~ 1053
SweepTime	1.060 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	20 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.25 dB	0.50 dB

Power Spectral Density, 802.11ax-HE20, 2412MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2410.723815	1.025	8.0	PASS

Peak-Power-Spectral-Density



— Limit — Sum-Level ◆ PSD

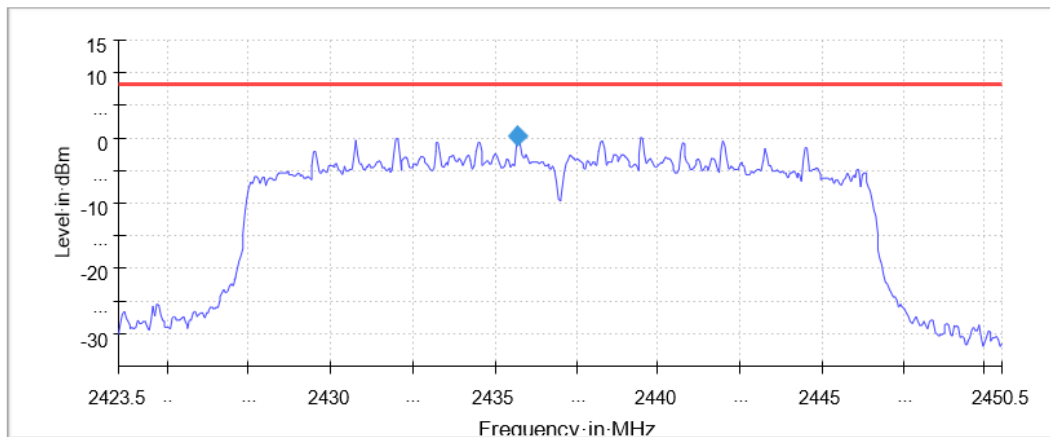
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39854 GHz	2.39854 GHz
Stop Frequency	2.42546 GHz	2.42546 GHz
Span	26.925 MHz	26.925 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	538	~ 538
SweepTime	1.030 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	24 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.26 dB	0.50 dB

Power Spectral Density, 802.11ax-HE20, 2437MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2437.000000	2435.725000	0.088	8.0	PASS

Peak Power Spectral Density



— Limit — Sum Level ◆ PSD

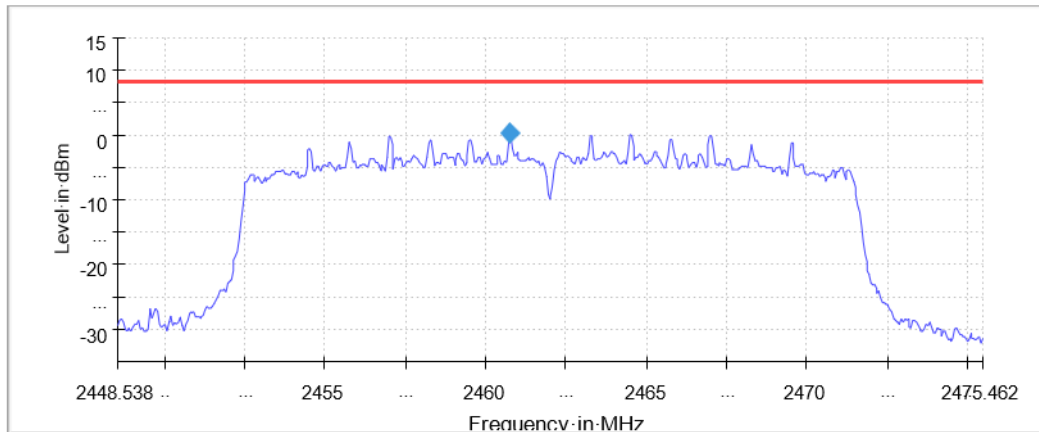
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42350 GHz	2.42350 GHz
Stop Frequency	2.45050 GHz	2.45050 GHz
Span	27.000 MHz	27.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	540	~ 540
Sweeptime	1.030 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	30 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.30 dB	0.50 dB

Power Spectral Density, 802.11ax-HE20, 2462MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2462.000000	2460.773862	0.162	8.0	PASS

Peak Power Spectral Density



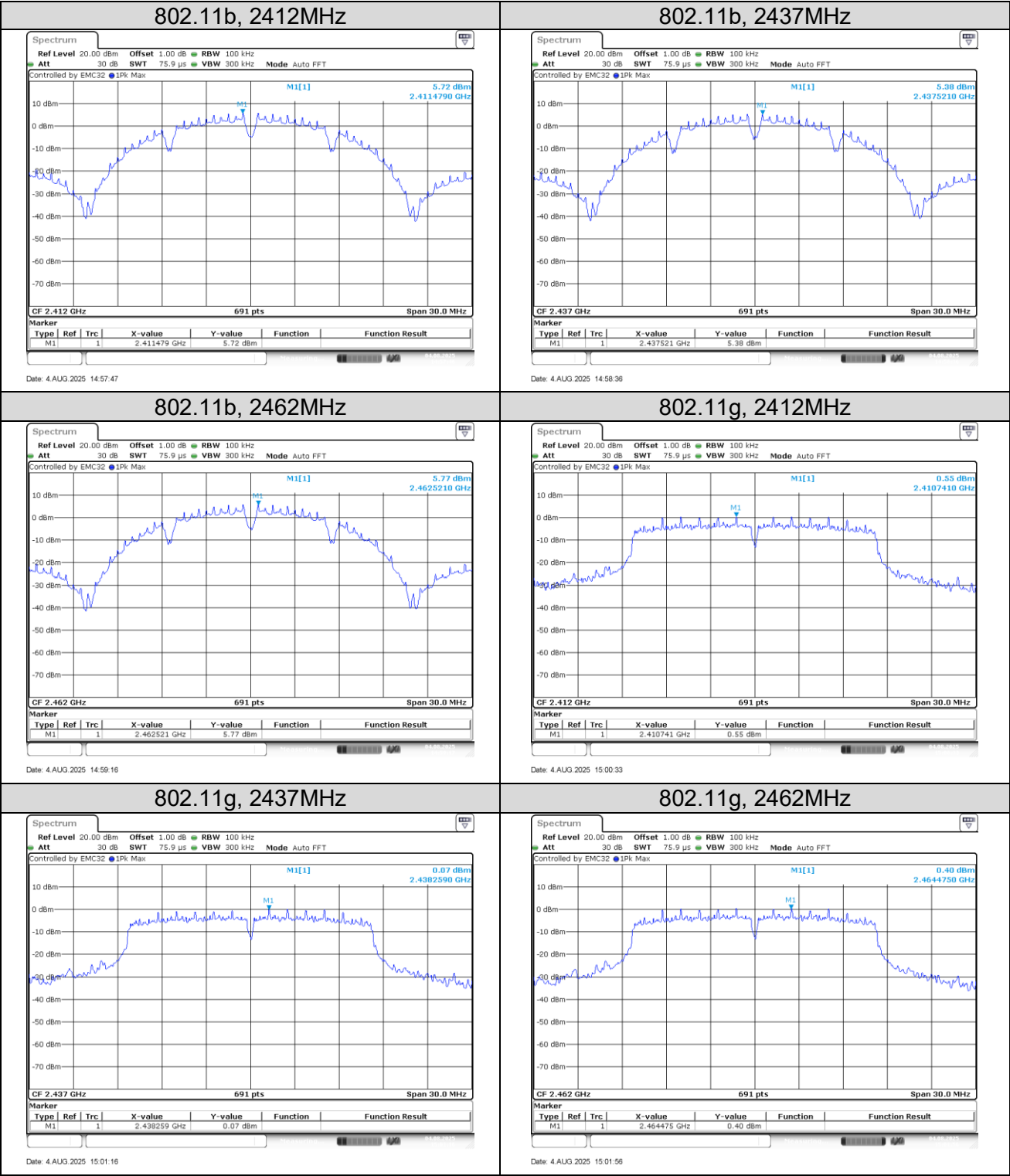
— Limit — Sum Level ◆ PSD

Measurement

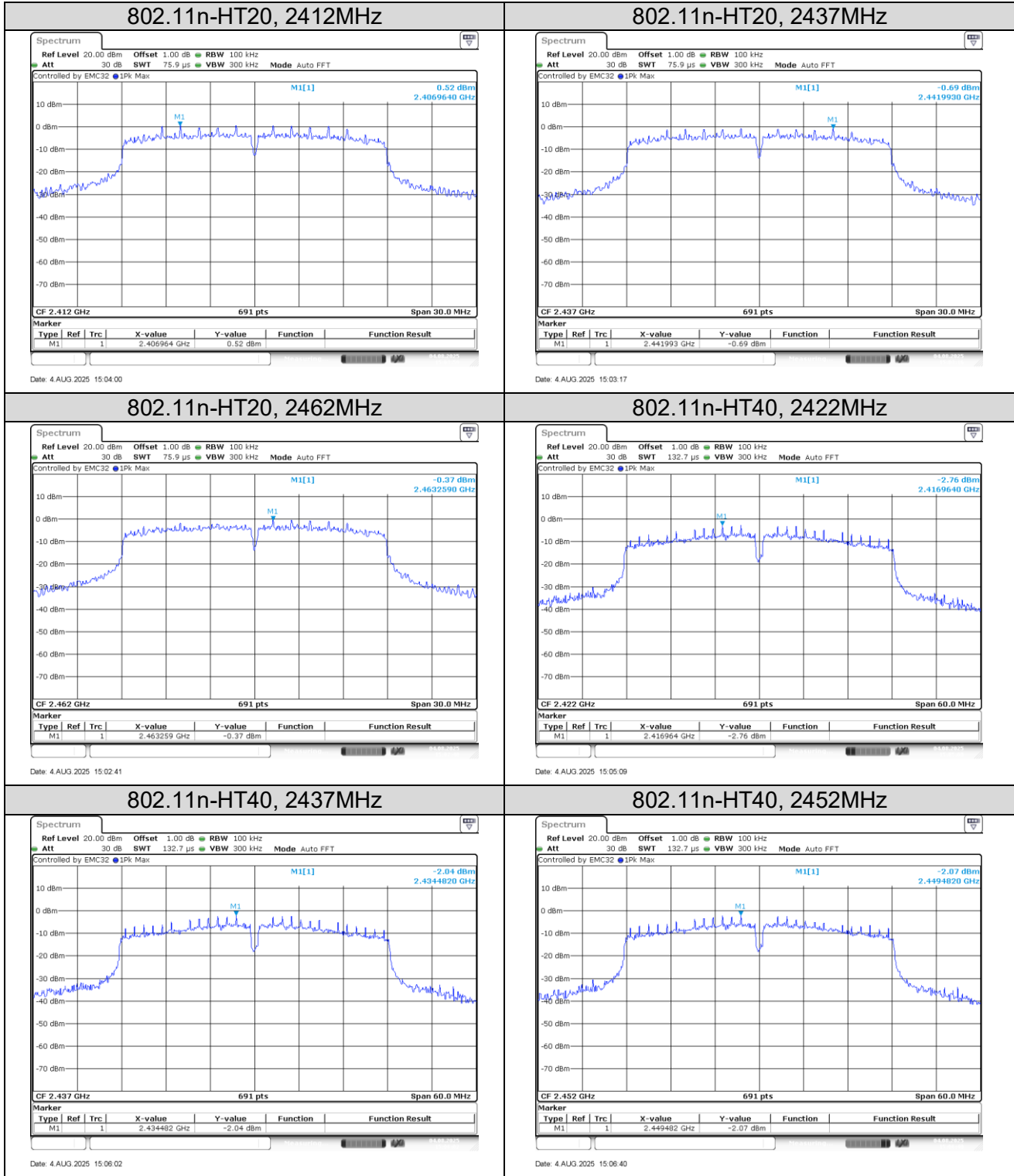
Setting	Instrument Value	Target Value
Start Frequency	2.44854 GHz	2.44854 GHz
Stop Frequency	2.47546 GHz	2.47546 GHz
Span	26.925 MHz	26.925 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	538	~ 538
SweepTime	1.030 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	21 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.20 dB	0.50 dB

Appendix B.4: Conducted Band Edge and out-of Band Emissions

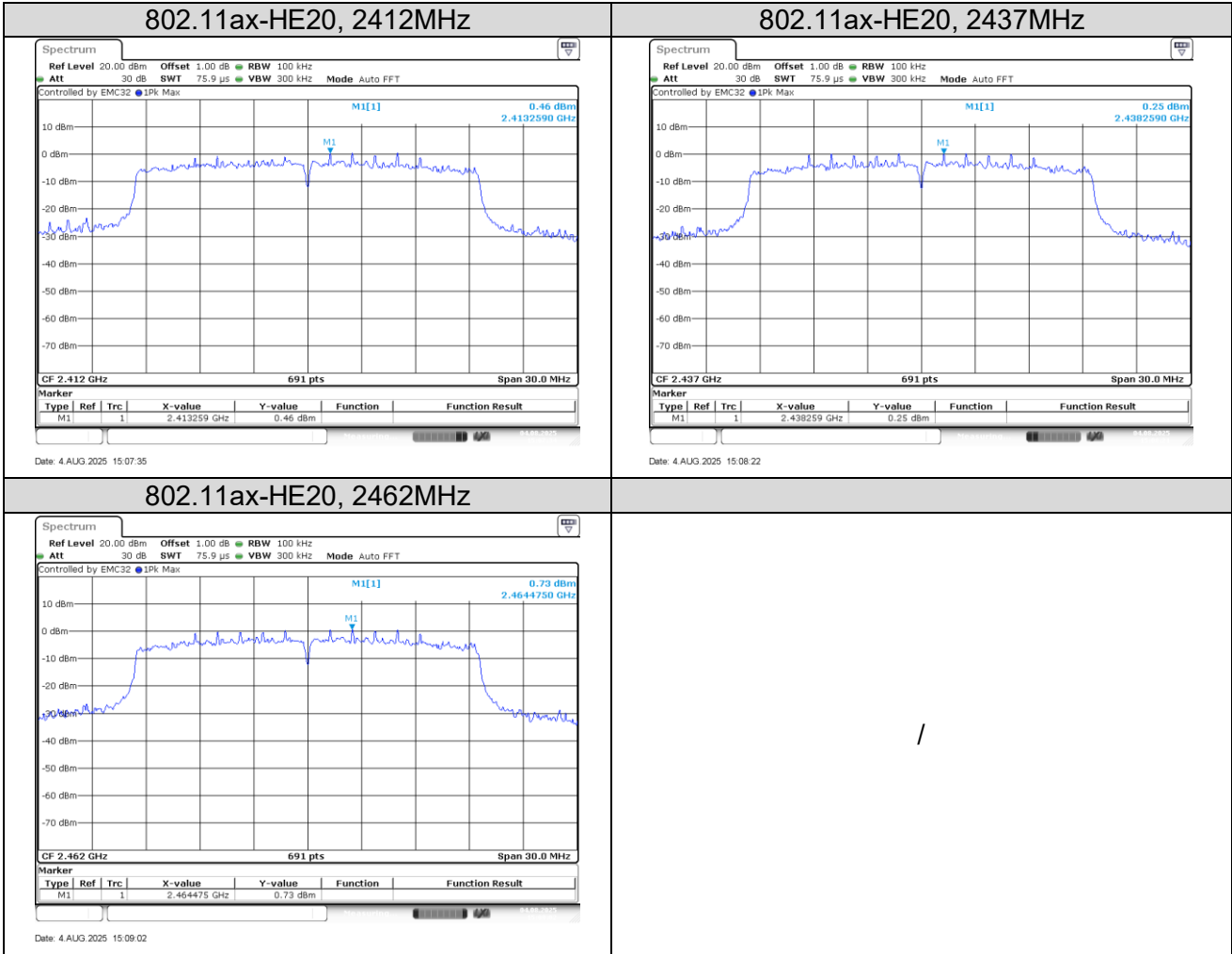
Reference level



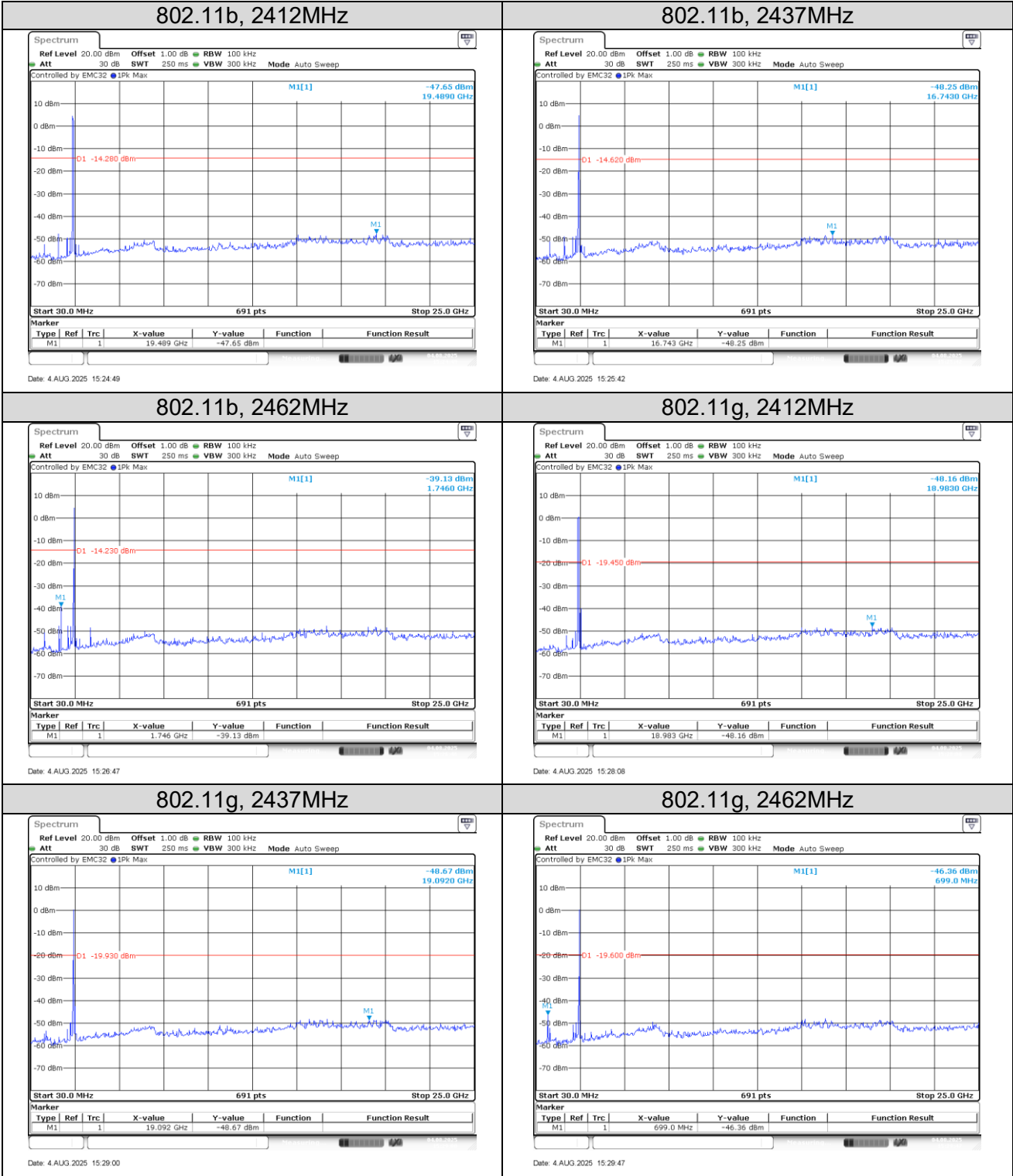
Produkte
Products



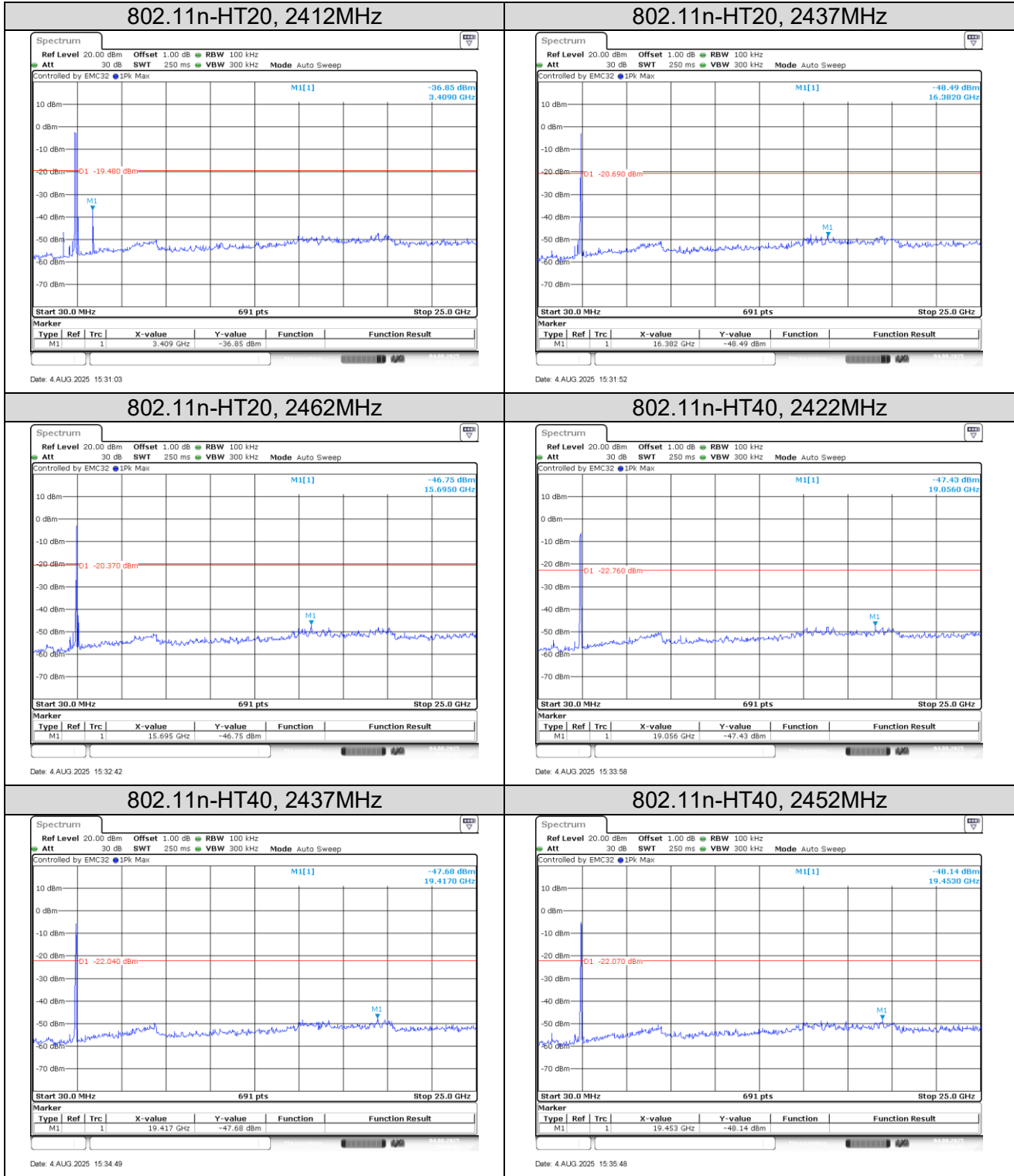
Produkte
Products



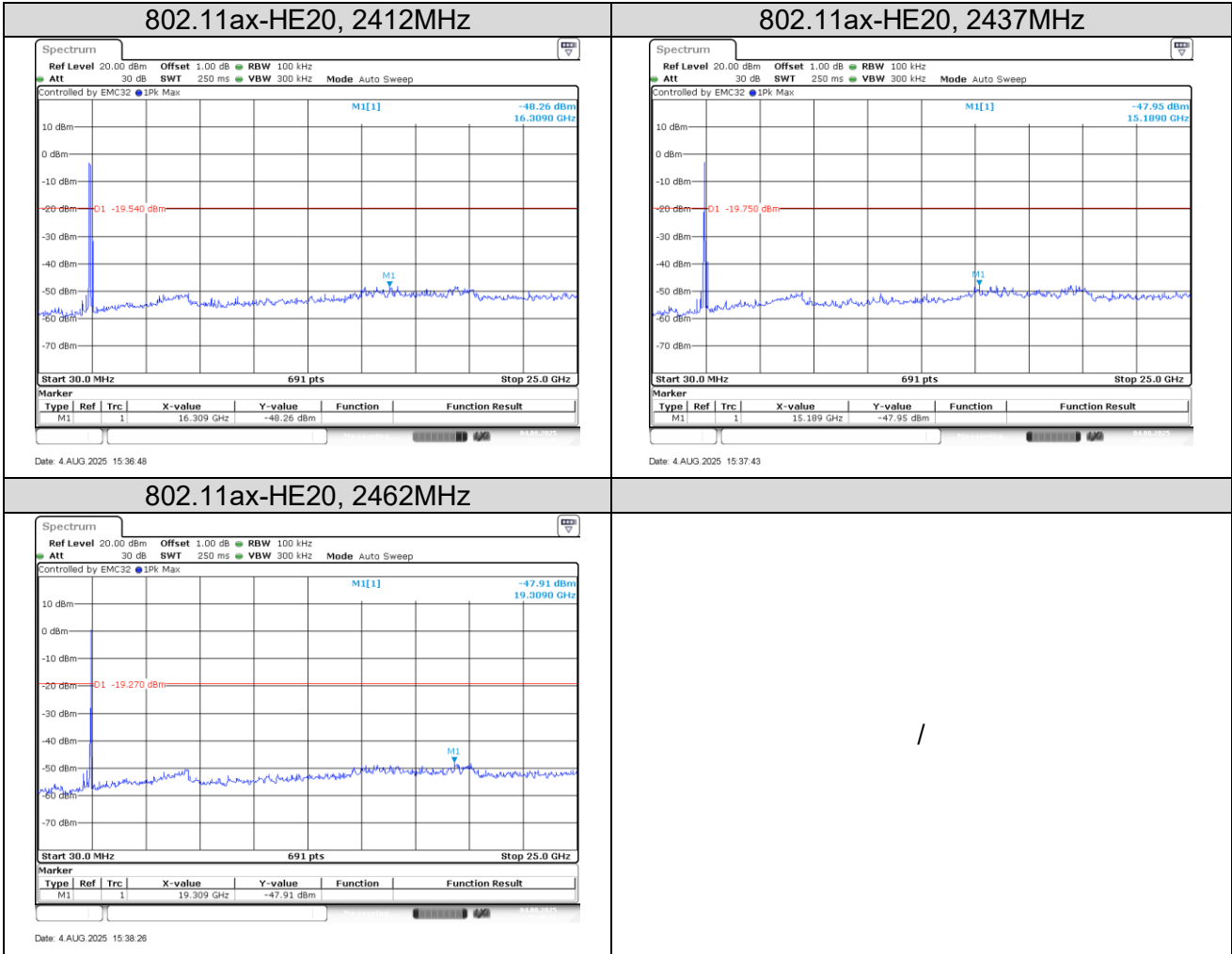
Conducted Spurious Emission



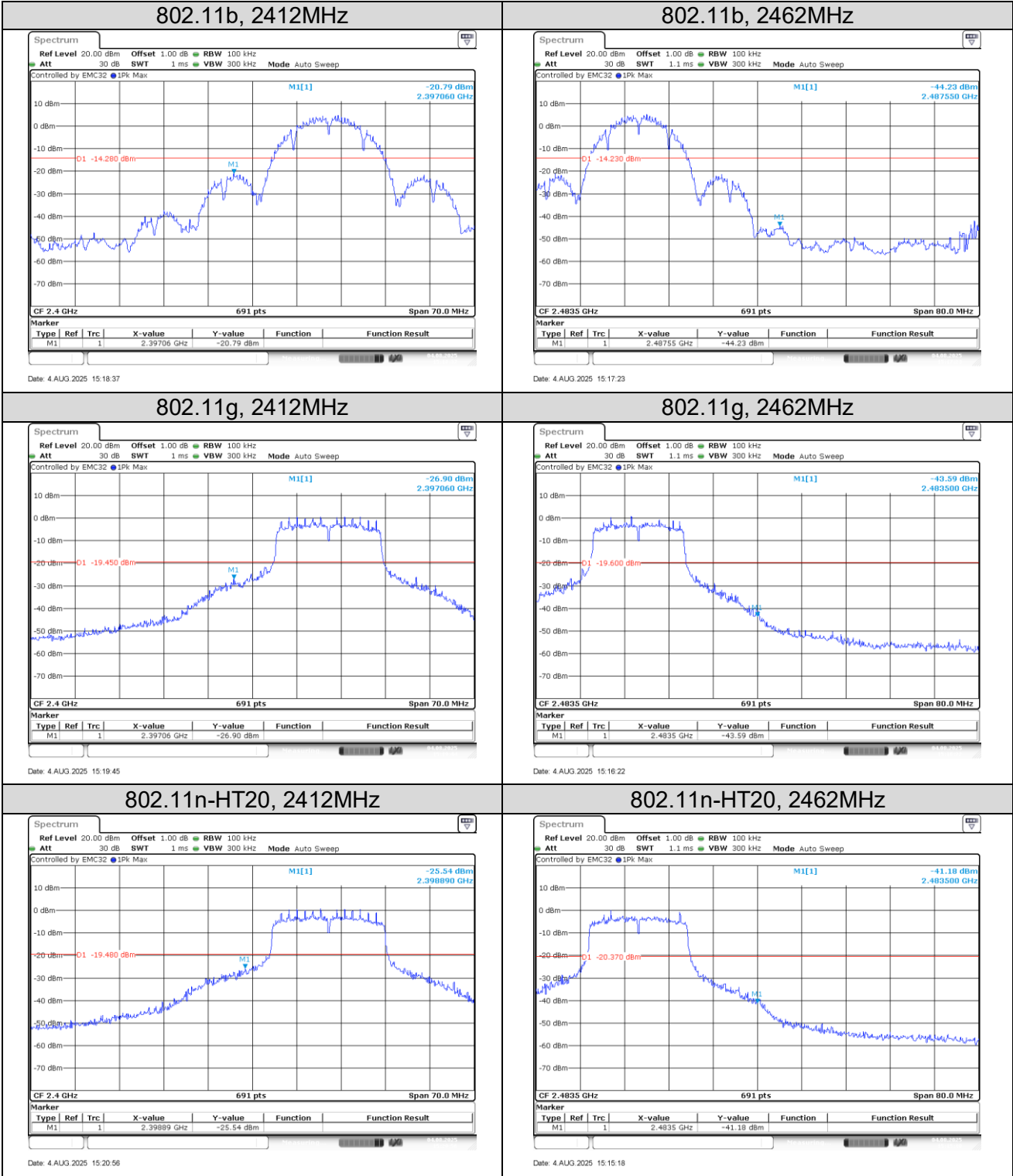
Produkte
Products



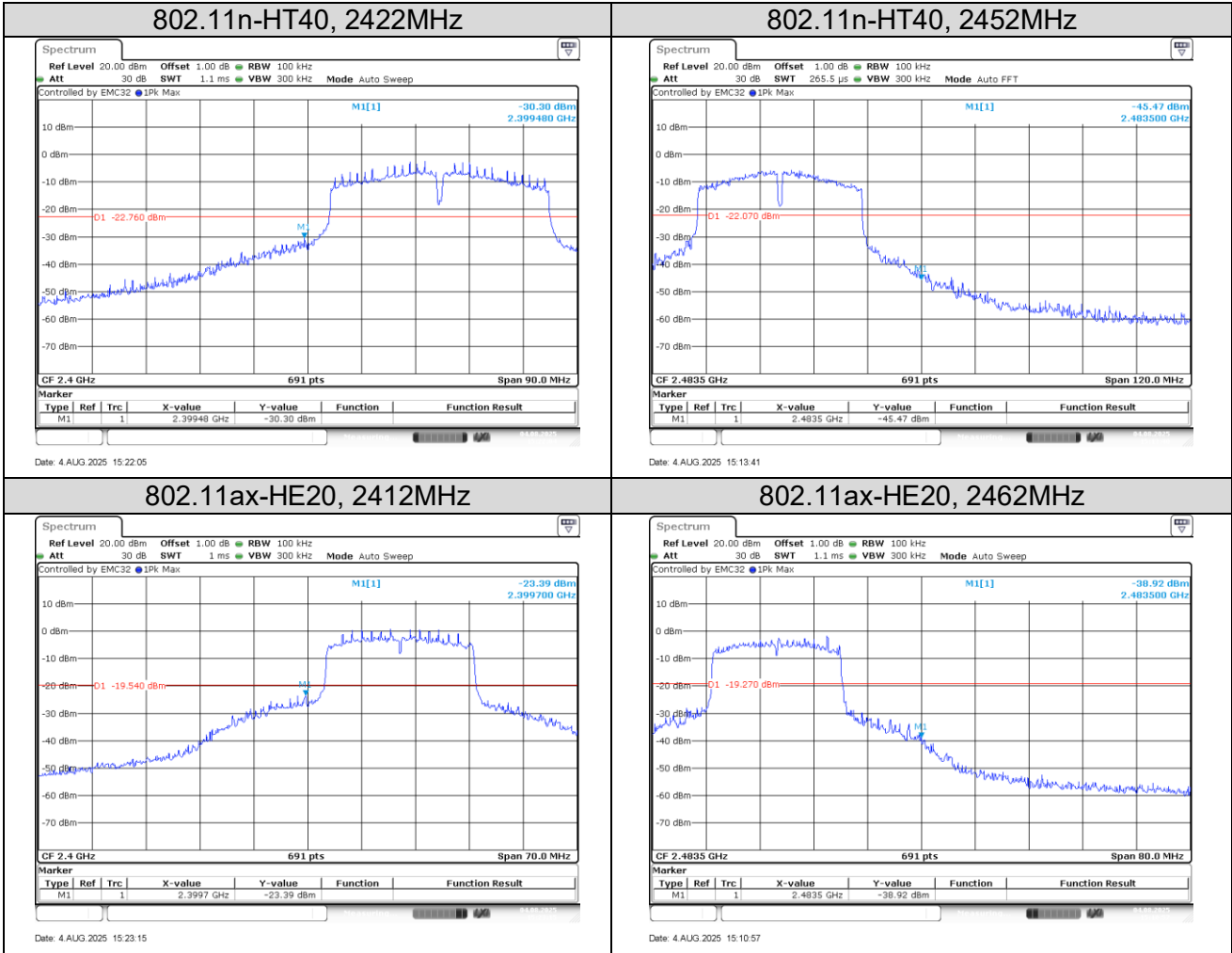
Produkte
Products



Conducted Band Edge



Produkte
Products



Appendix B.5: Tx unwanted emissions in the out-of-band domain

Radiated Band-Edge, 802.11b, 2412MHz, Horizontal

XXY- 2310~2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG

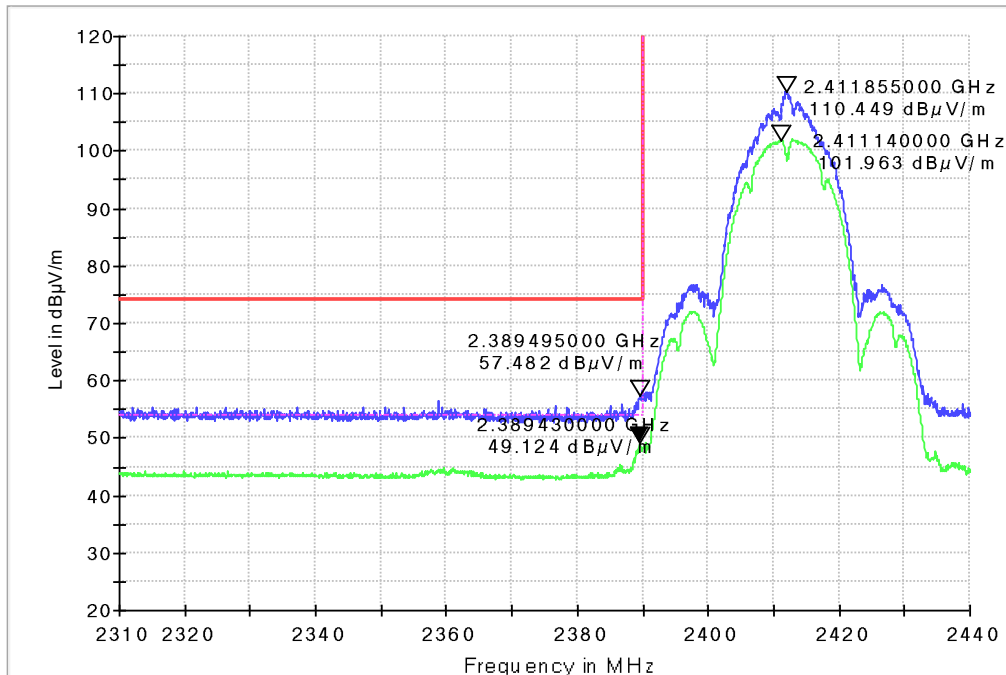
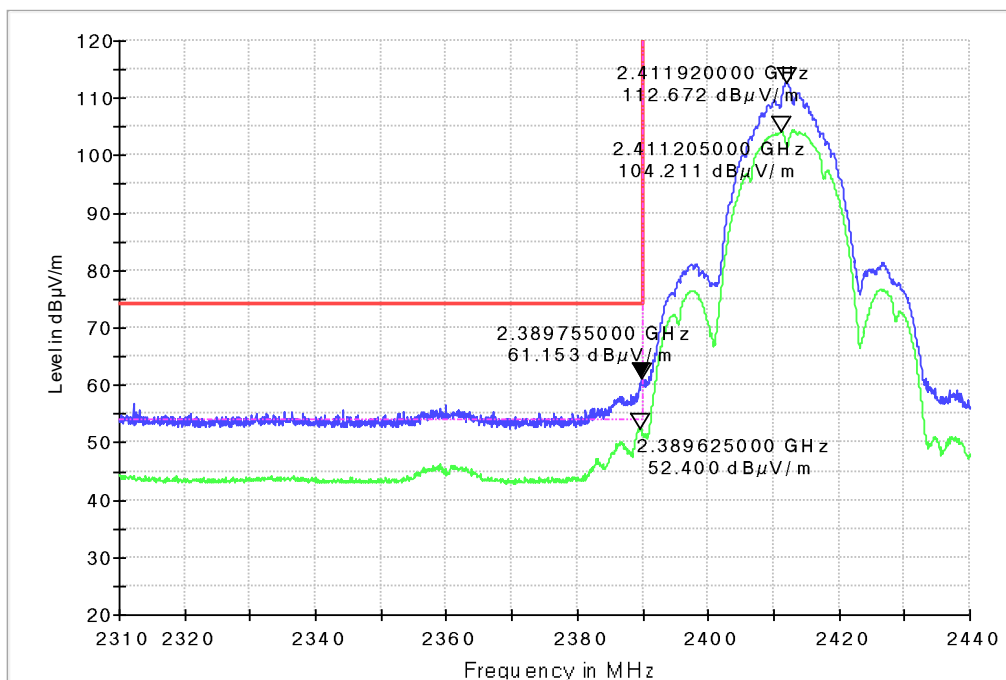


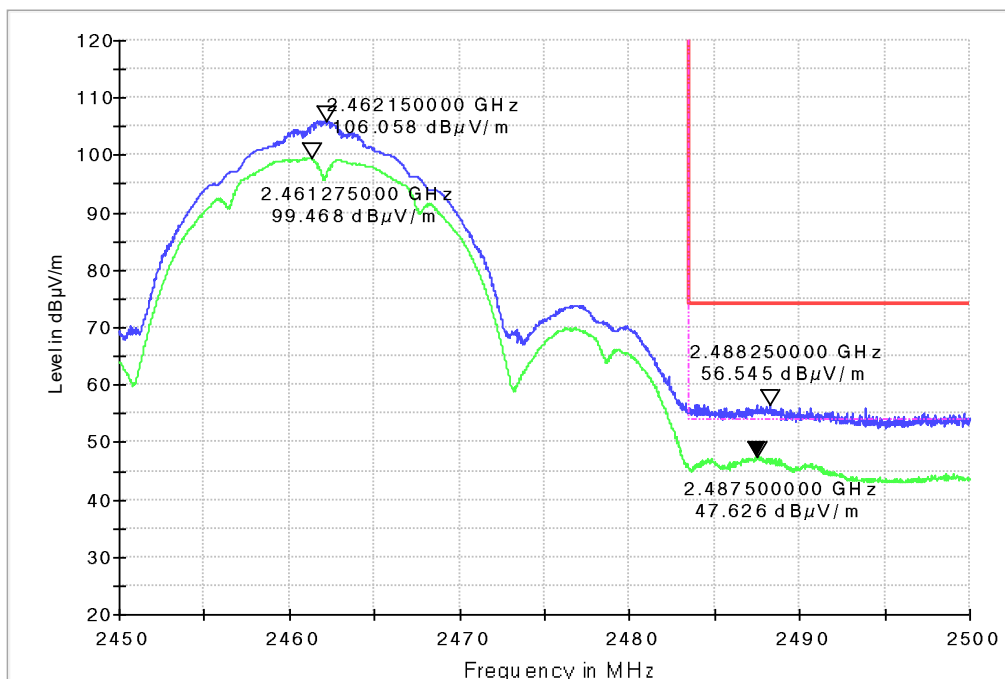
Figure 1: Radiated Band-Edge, 802.11b, 2412MHz, Vertical

XXY- 2310~2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG



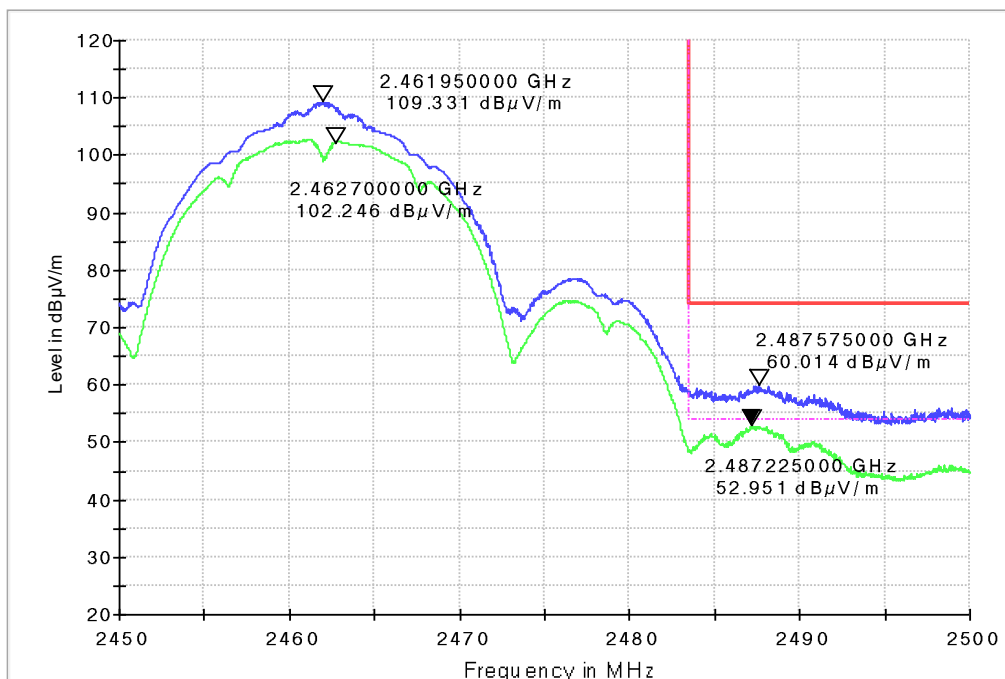
Radiated Band-Edge, 802.11b, 2462MHz, Horizontal

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG



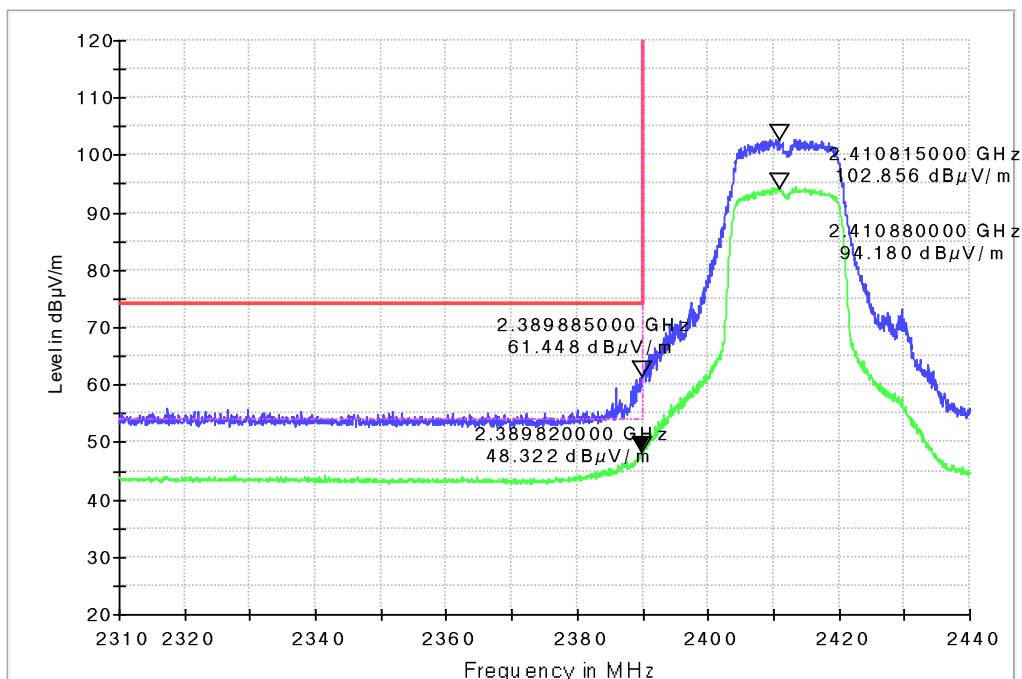
Radiated Band-Edge, 802.11b, 2462MHz, Vertical

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG



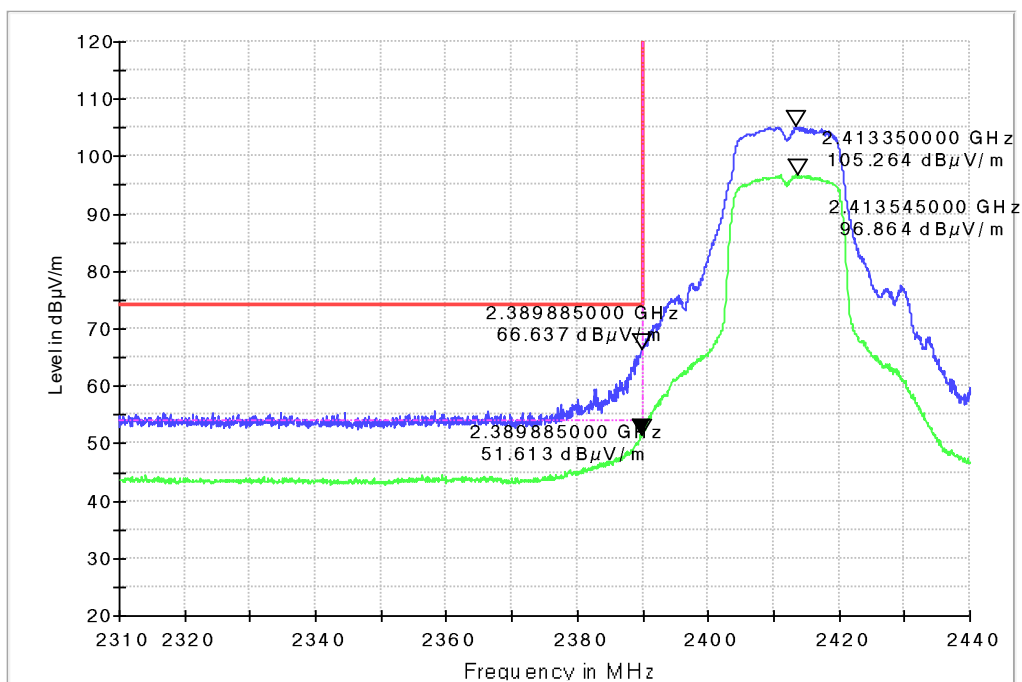
Radiated Band-Edge, 802.11g, 2412MHz, Horizontal

XXY- 2310~2410 BE 1-18GHz_H L050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 802.11g, 2412MHz, Vertical

XXY- 2310~2410 BE 1-18GHz_H L050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 802.11g, 2462MHz, Horizontal

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG

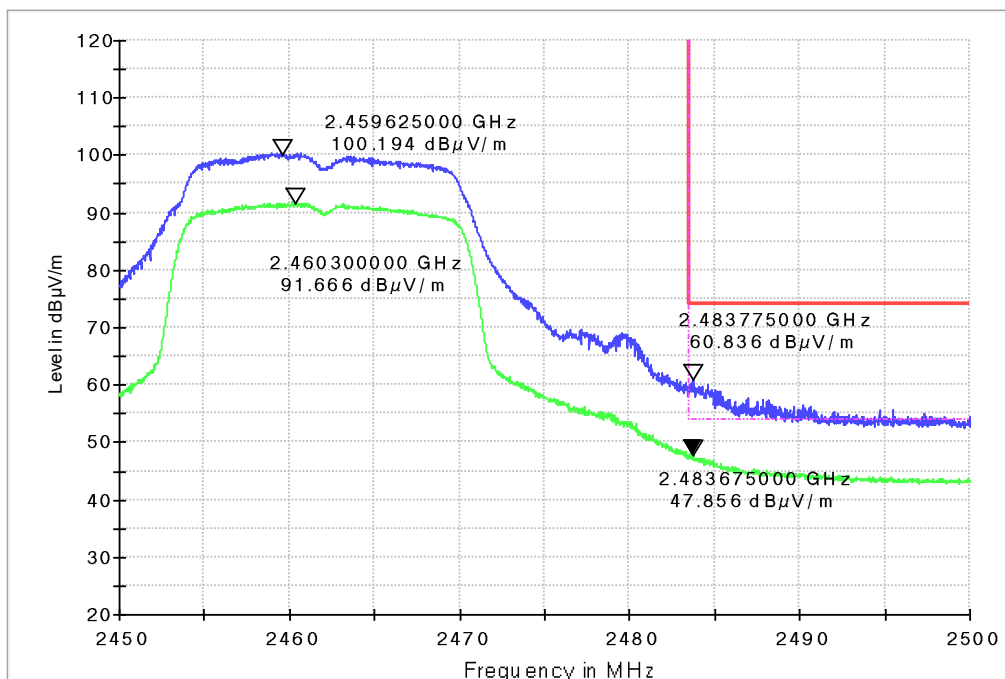
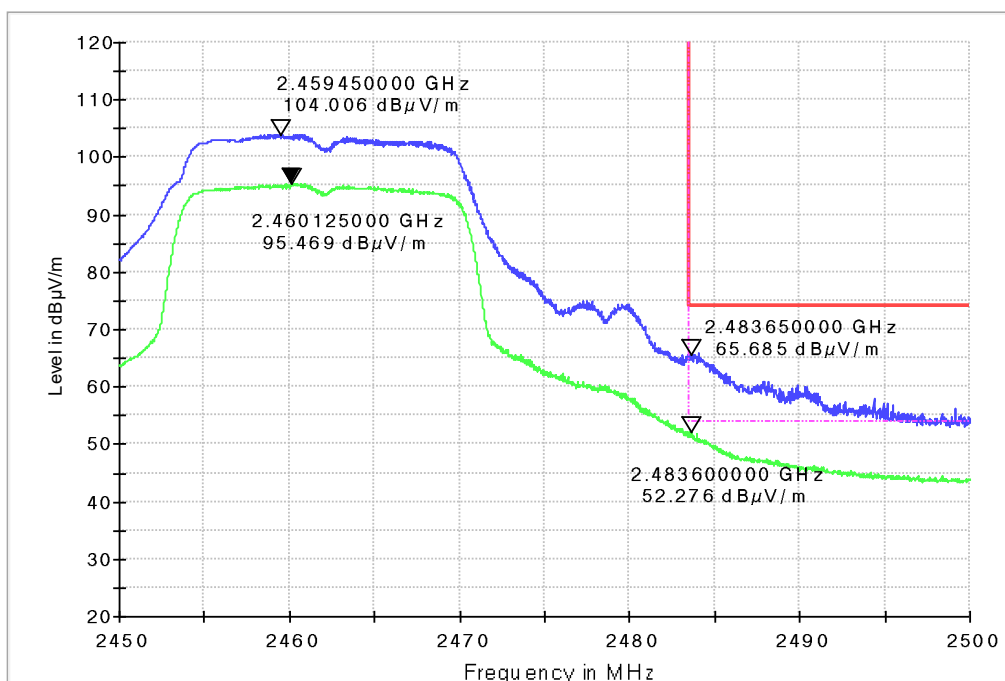


Figure 2: Radiated Band-Edge, 802.11g, 2462MHz, Vertical

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 802.11n-HT20, 2412MHz, Horizontal

XXY- 2310~ 2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG

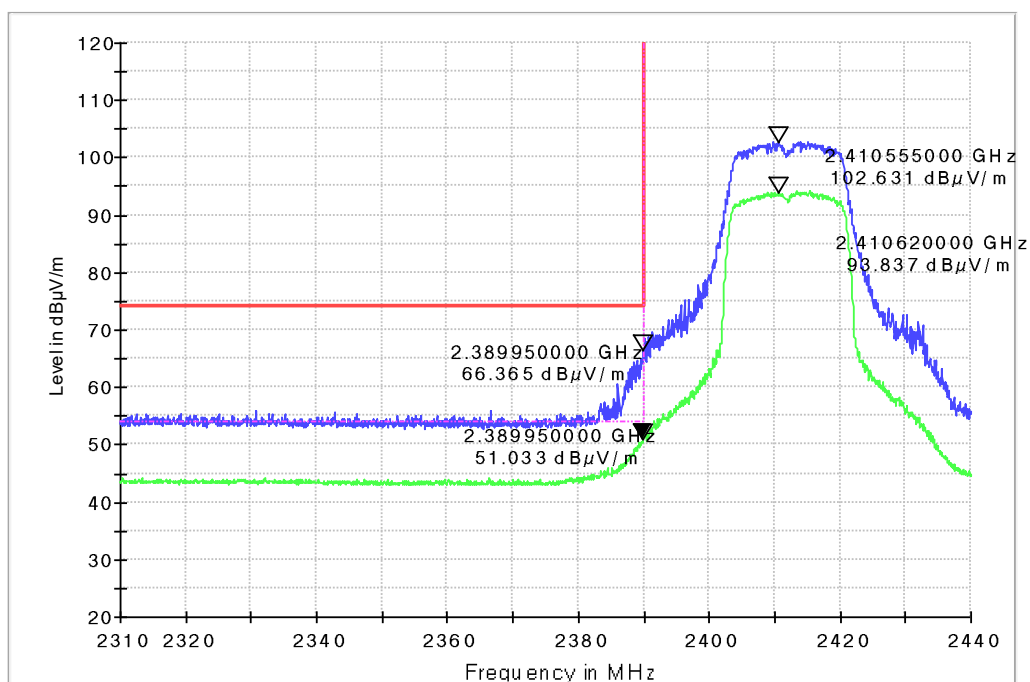
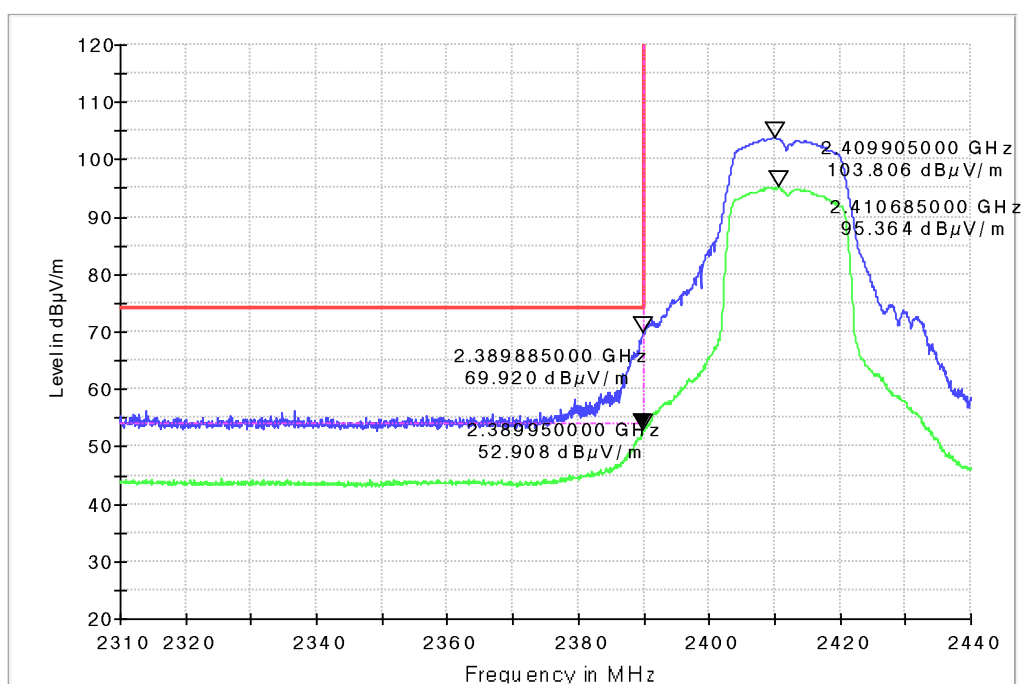


Figure 3: Radiated Band-Edge, 802.11n-HT20, 2412MHz, Vertical

XXY- 2310~ 2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 802.11n-HT20, 2462MHz, Horizontal

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG

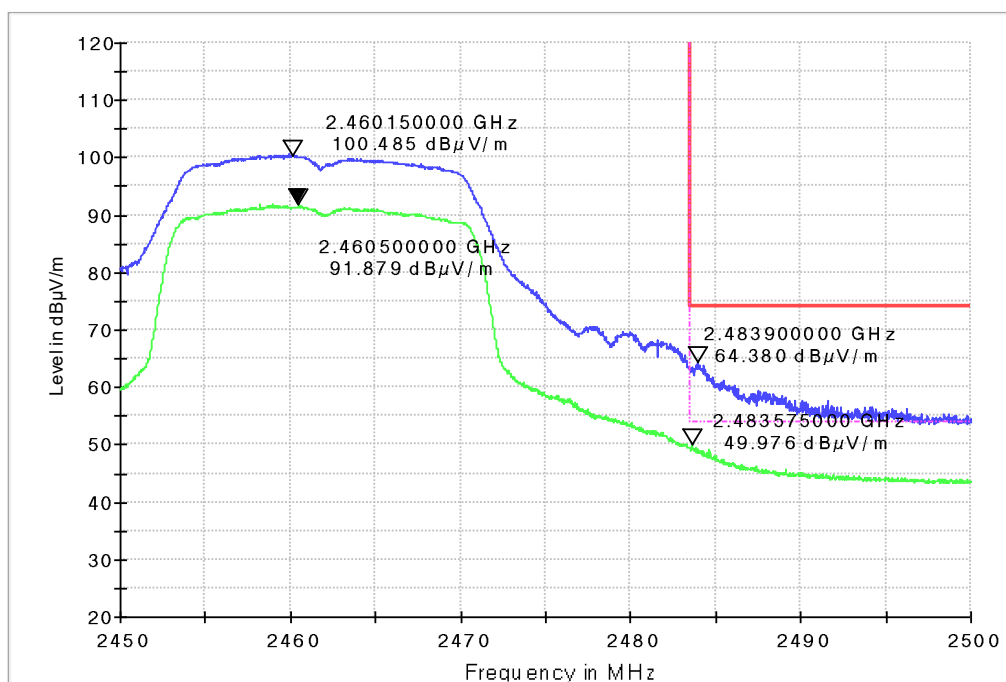
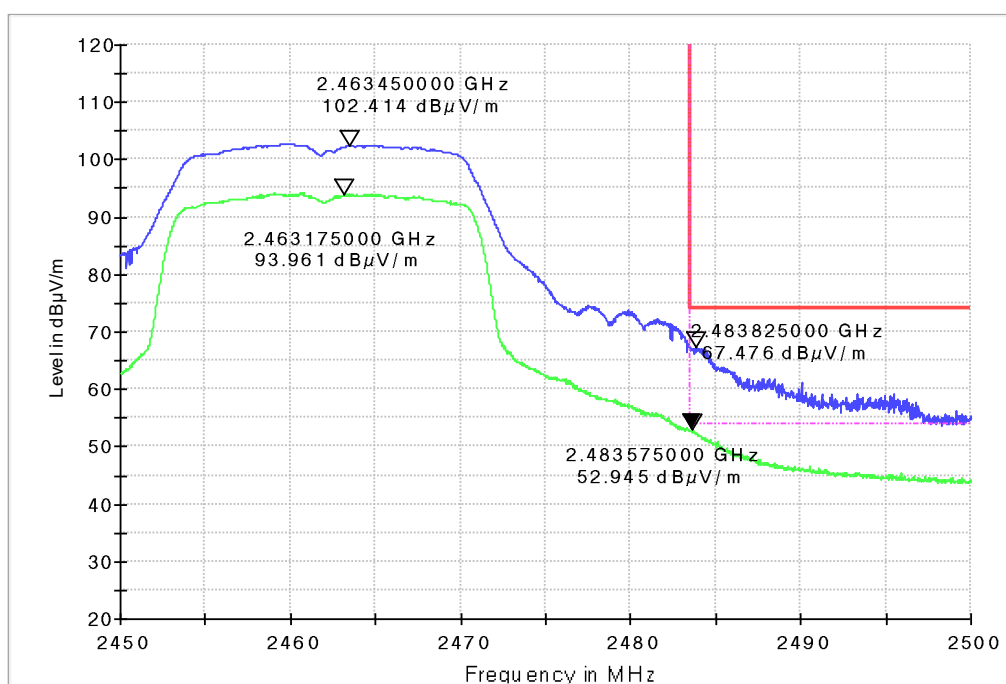


Figure 4: Radiated Band-Edge, 802.11n-HT20, 2462MHz, Vertical

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 802.11n-HT40, 2422MHz, Horizontal

XXY- 2310~2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG

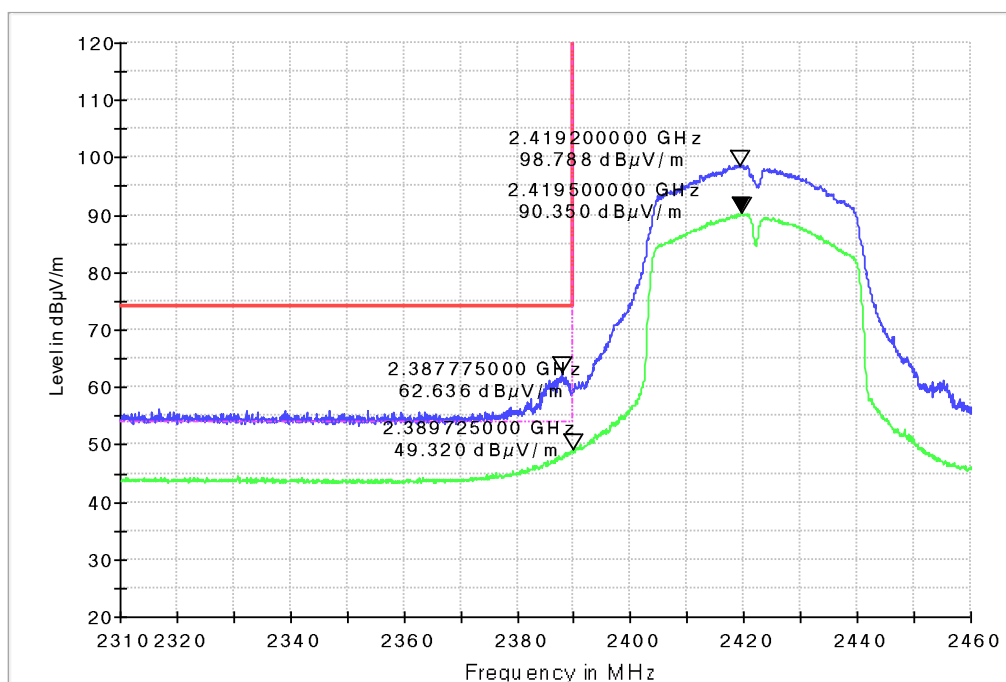
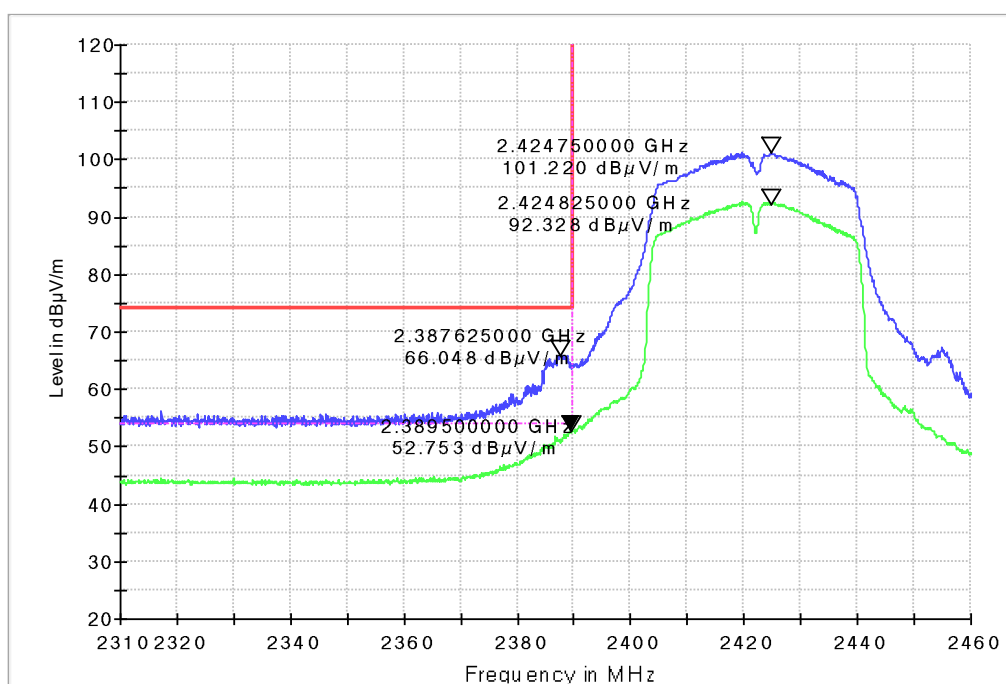


Figure 5: Radiated Band-Edge, 802.11n-HT40, 2422MHz, Vertical

XXY- 2310~2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 802.11n-HT40, 2452MHz, Horizontal

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG

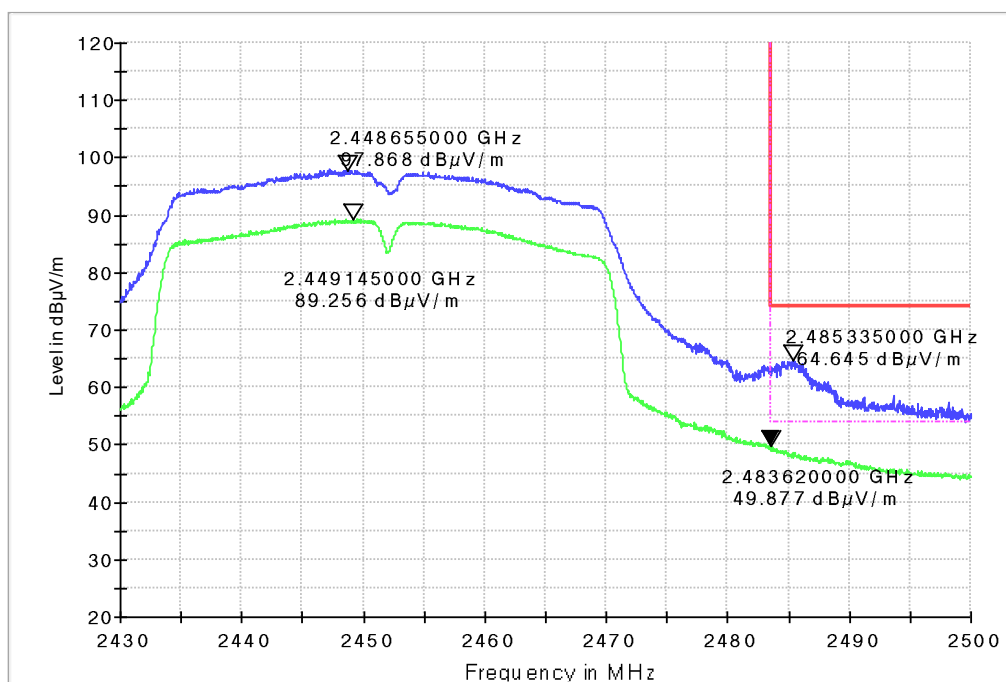
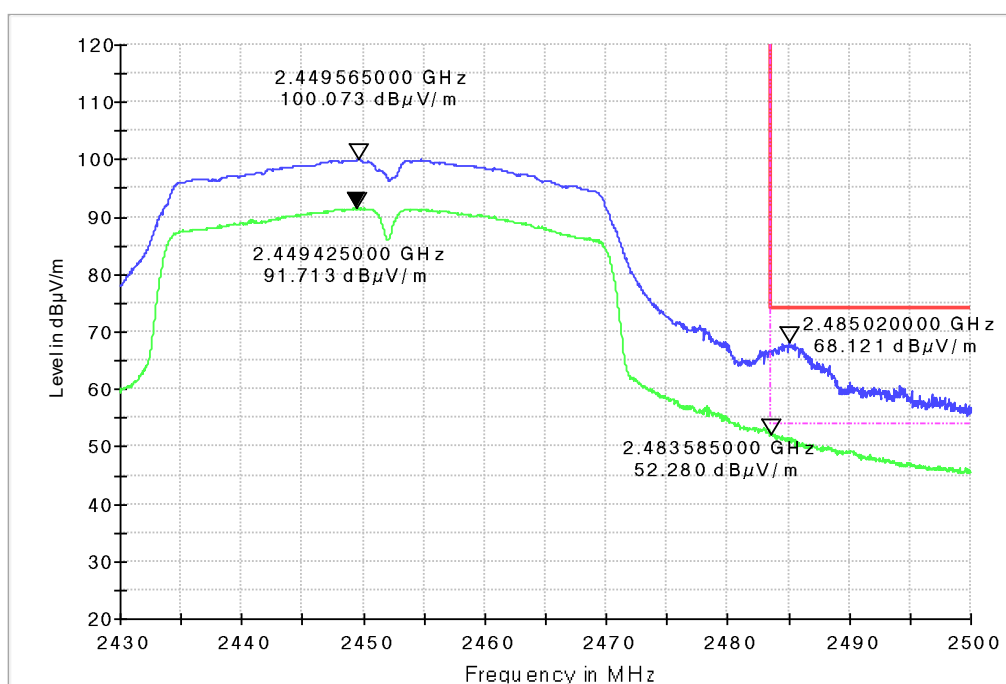


Figure 6: Radiated Band-Edge, 802.11n-HT40, 2452MHz, Vertical

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 802.11ax-HE20, 2412MHz, Horizontal

XXY- 2310~2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG

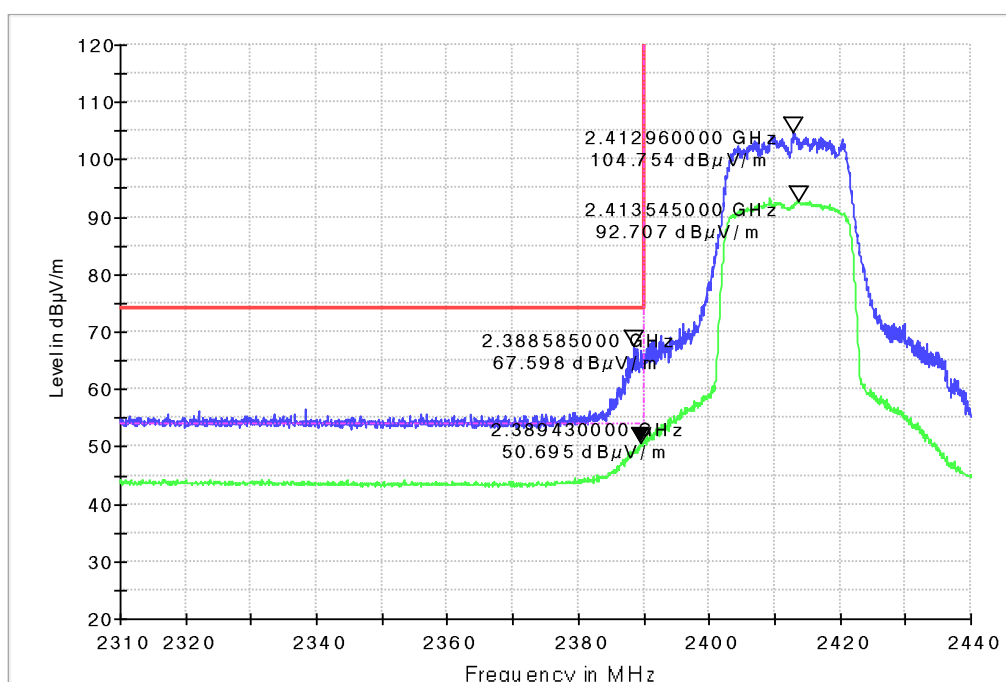
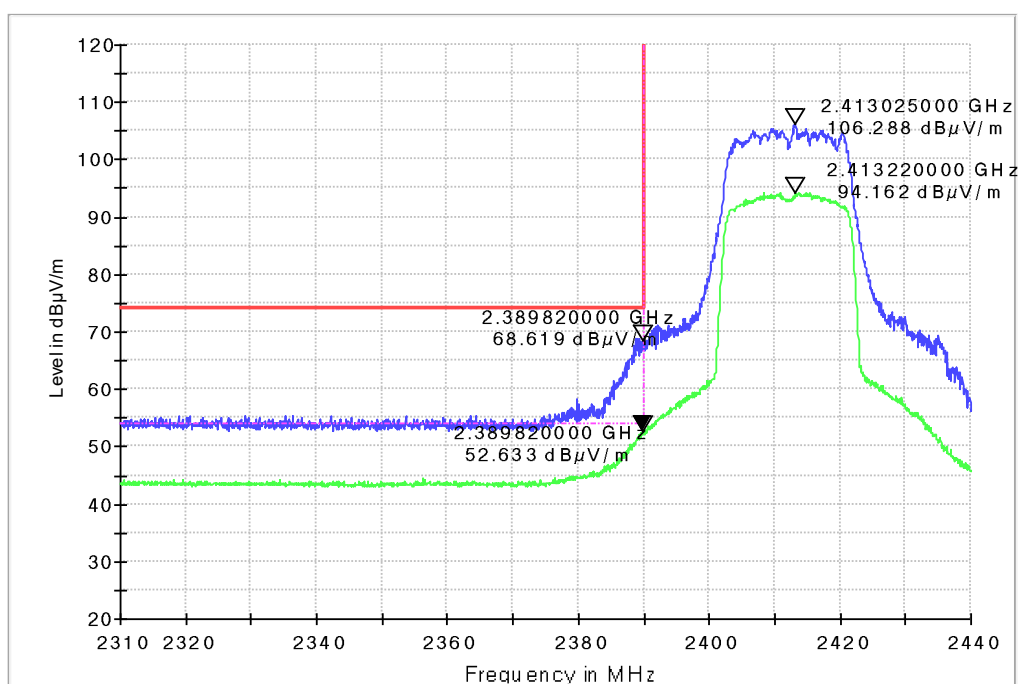


Figure 7: Radiated Band-Edge, 802.11ax-HE20, 2412MHz, Vertical

XXY- 2310~2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 802.11ax-HE20, 2462MHz, Horizontal

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG

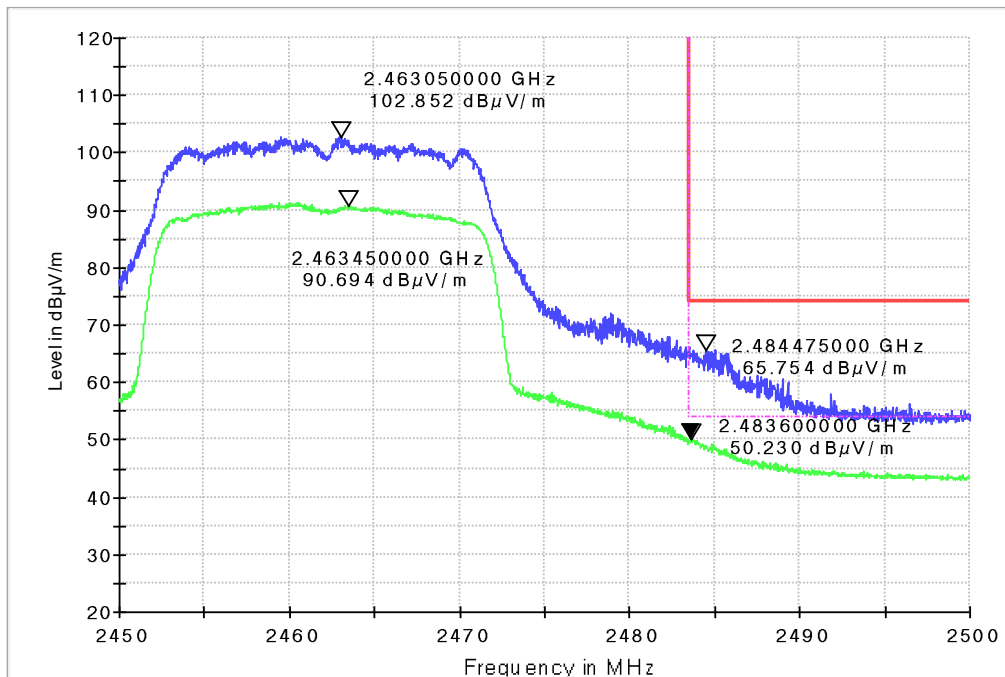
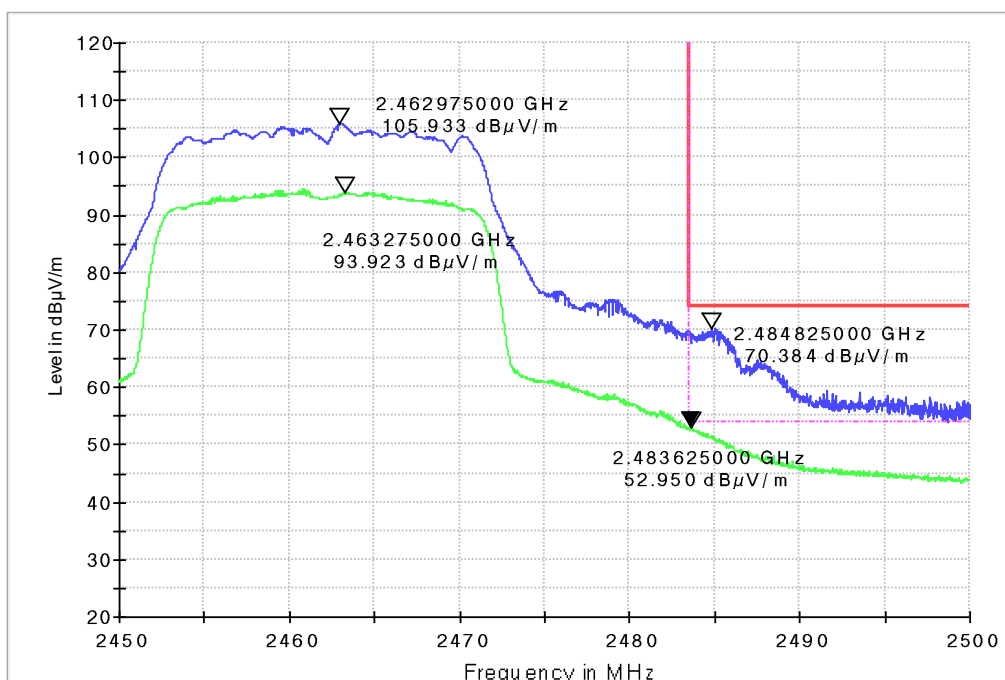


Figure 8: Radiated Band-Edge, 802.11ax-HE20, 2462MHz, Vertical

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG

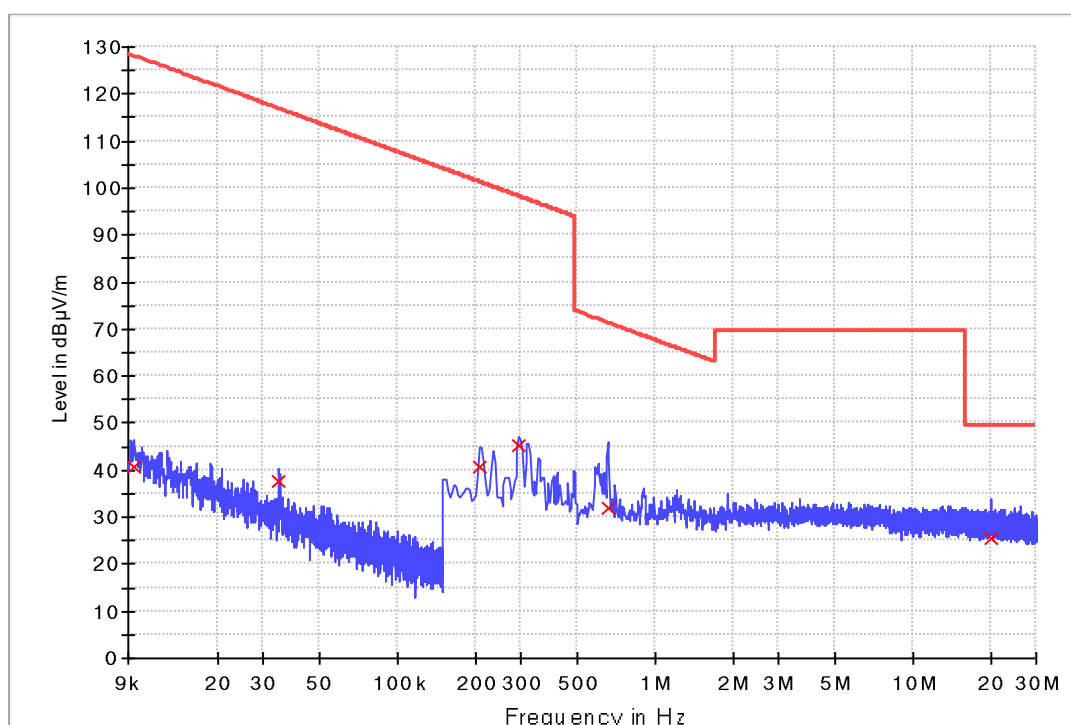


Appendix B.6: Radiated Spurious Emission

9kHz ~ 30MHz:

Test Mode	TX Mode 2412 MHz_802.11b	Polarization	Parallel
-----------	--------------------------	--------------	----------

15.209 9K-30M-tx

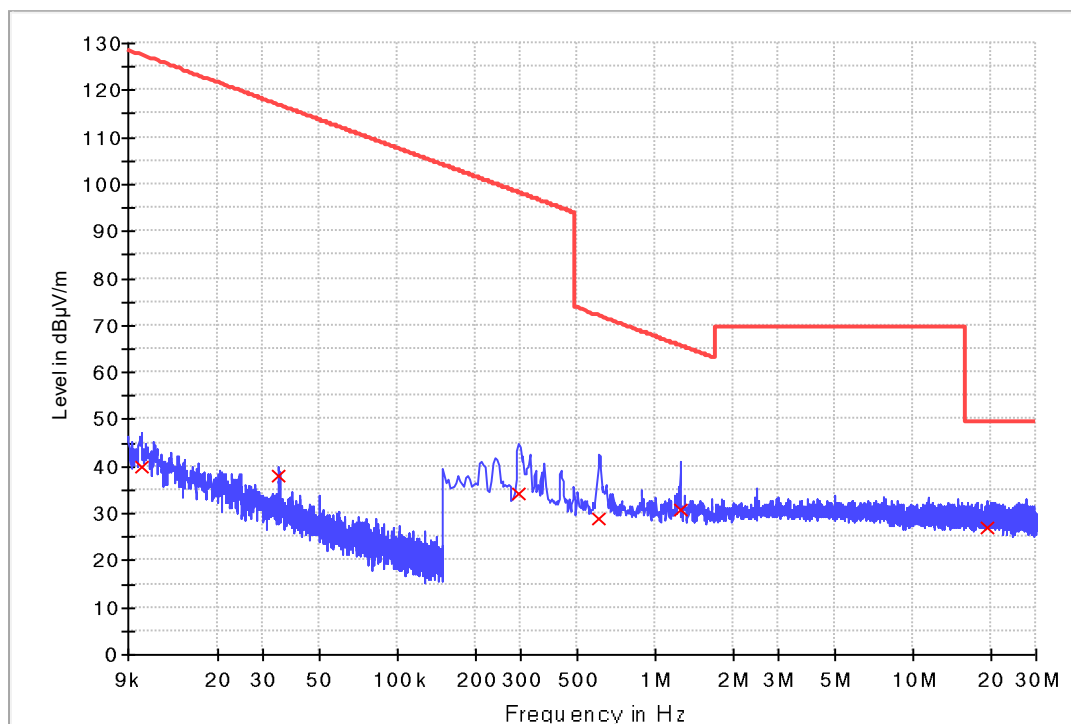


Result Table_Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Azimuth (deg)	Corr. (dB/m)
0.009529	40.5	1000.0	0.200	100.0	-180.0	21.8
0.034697	37.7	1000.0	0.200	100.0	-180.0	21.5
0.209700	40.8	1000.0	9.000	100.0	-180.0	21.4
0.295519	45.3	1000.0	9.000	100.0	-180.0	21.4
0.657450	31.8	1000.0	9.000	100.0	-180.0	21.3
20.056219	25.4	1000.0	9.000	100.0	-180.0	22.1

Test Mode	TX Mode 2412 MHz_802.11b	Polarization	Perpendicular
-----------	--------------------------	--------------	---------------

15.209 9K-30M-tx

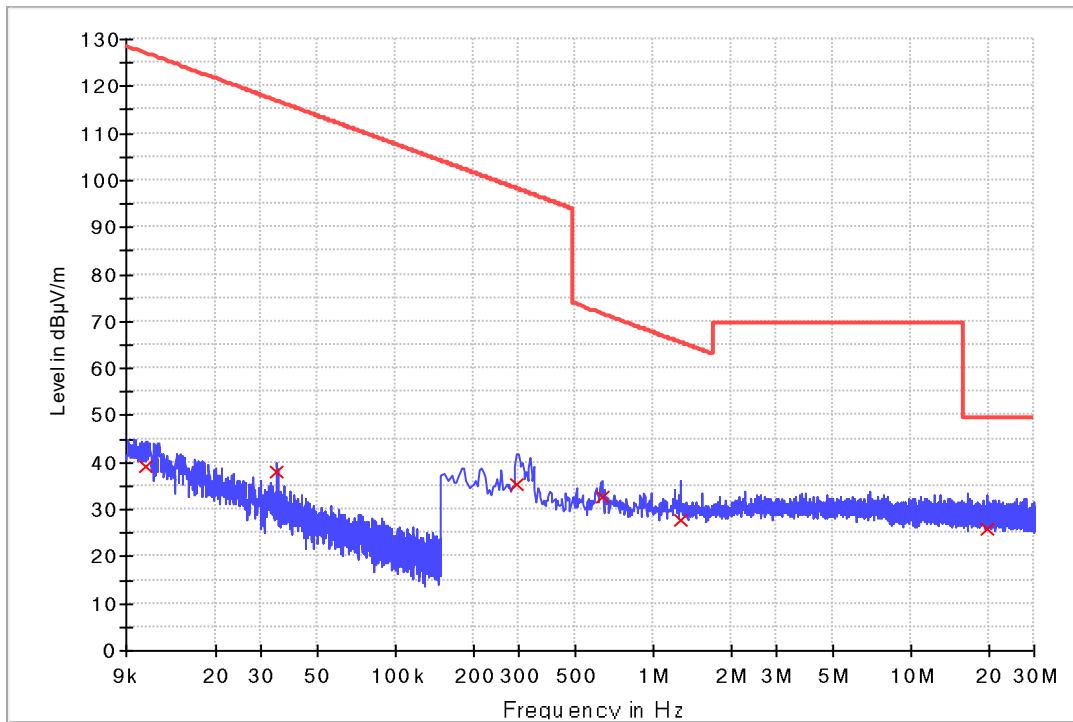


Result Table_Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Azimuth (deg)	Corr. (dB/m)
0.010146	39.8	1000.0	0.200	100.0	-180.0	21.8
0.034697	38.0	1000.0	0.200	100.0	-180.0	21.5
0.295519	34.3	1000.0	9.000	100.0	-180.0	21.4
0.605213	28.9	1000.0	9.000	100.0	-180.0	21.3
1.246988	30.8	1000.0	9.000	100.0	-180.0	21.3
19.317431	26.9	1000.0	9.000	100.0	-180.0	22.1

Test Mode	TX Mode 2412 MHz_802.11b	Polarization	Ground-parallel
-----------	--------------------------	--------------	-----------------

15.209 9K-30M-tx



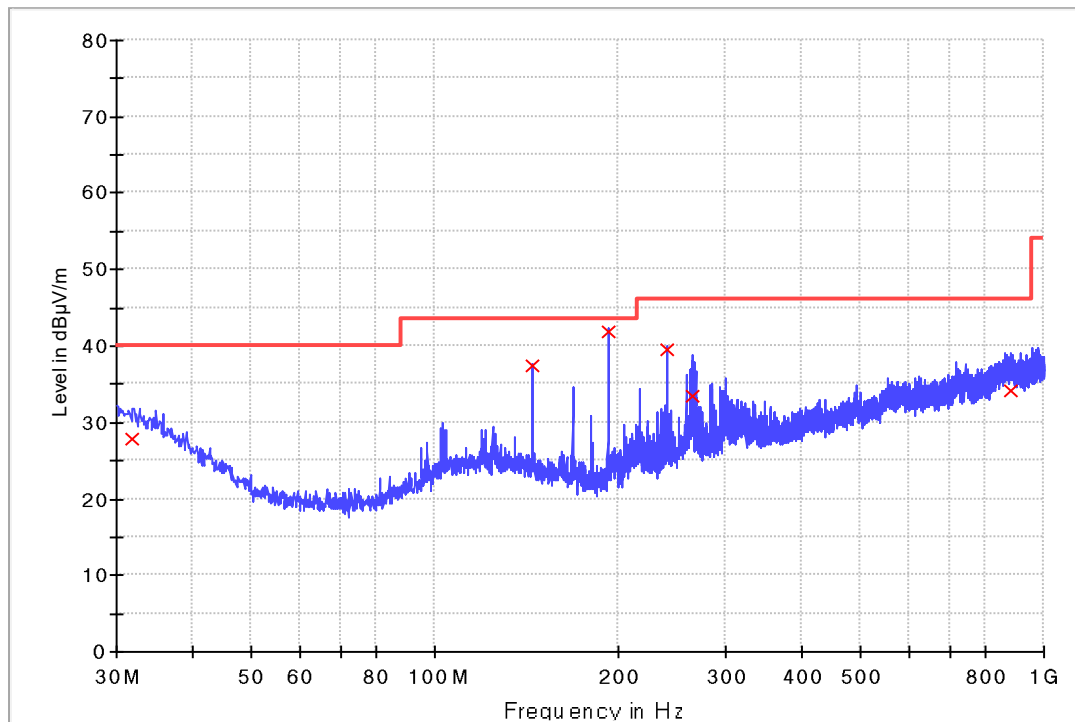
Result Table_Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Azimuth (deg)	Corr. (dB/m)
0.010798	39.1	1000.0	0.200	100.0	-180.0	21.7
0.034697	38.0	1000.0	0.200	100.0	-180.0	21.5
0.295519	35.4	1000.0	9.000	100.0	-180.0	21.4
0.631331	32.5	1000.0	9.000	100.0	-180.0	21.3
1.269375	27.8	1000.0	9.000	100.0	-180.0	21.3
19.724138	25.7	1000.0	9.000	100.0	-180.0	22.1

30MHz ~ 1GHz:

Test Mode	TX Mode 2412 MHz_802.11b	Polarization	Horizontal
-----------	--------------------------	--------------	------------

_Radiated emission (30 M-1GHz) 1 Range_FCC

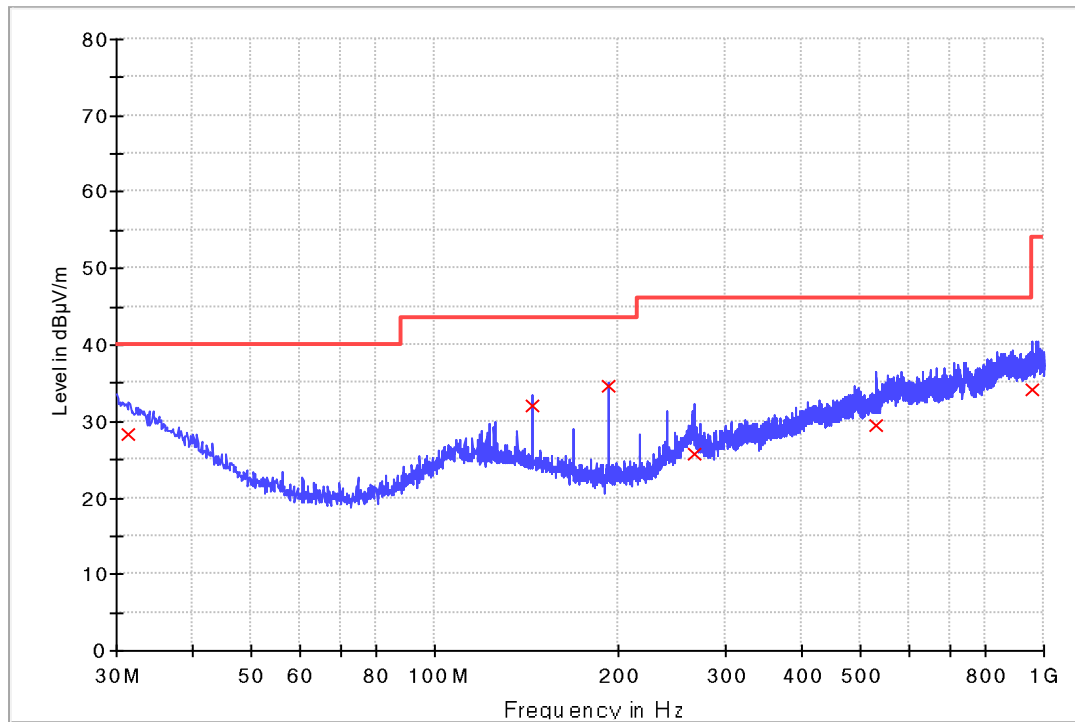


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Limit - QPK (dBµV/m)
31.940000	27.9	1000.0	120.000	100.0	H	180.0	24.3	40.0
144.338750	37.4	1000.0	120.000	100.0	H	-180.0	17.6	43.5
192.596250	41.9	1000.0	120.000	100.0	H	-148.0	15.8	43.5
240.611250	39.6	1000.0	120.000	100.0	H	180.0	19.0	46.0
265.467500	33.5	1000.0	120.000	100.0	H	-180.0	21.2	46.0
885.055000	34.2	1000.0	120.000	100.0	H	180.0	29.3	46.0

Test Mode	TX Mode 2412 MHz_802.11b	Polarization	Vertical
-----------	--------------------------	--------------	----------

_Radiated emission (30 M-1 GHz) 1 Range_FCC



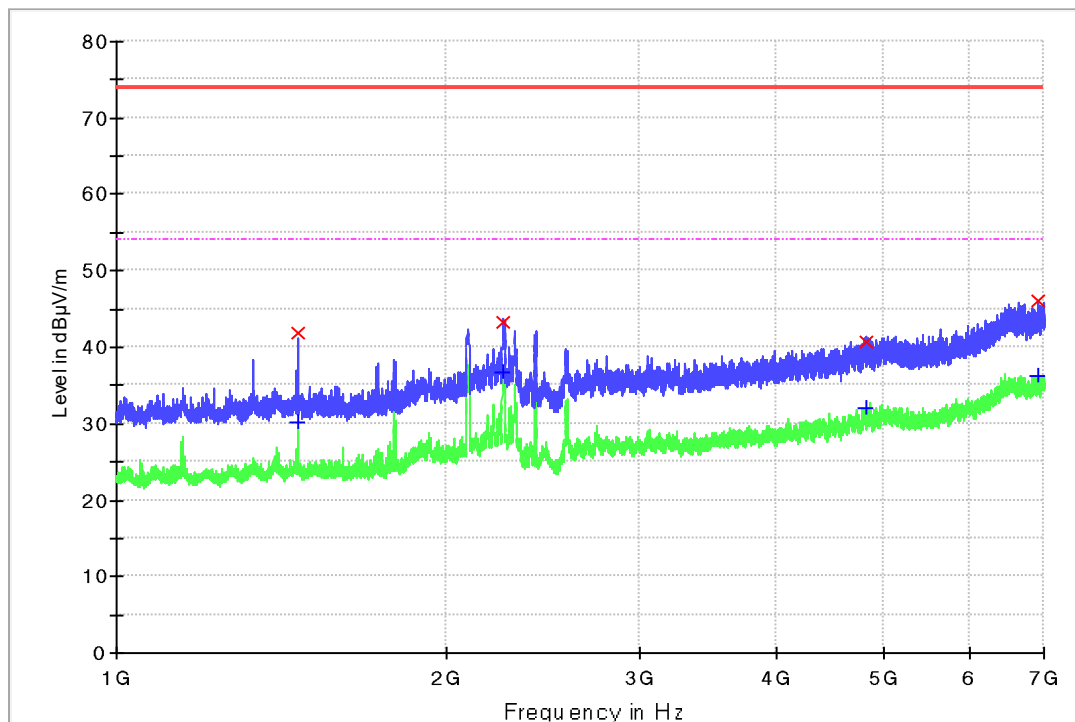
Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Limit - QPK (dBµV/m)
31.455000	28.2	1000.0	120.000	100.0	V	-180.0	24.6	40.0
144.460000	32.0	1000.0	120.000	100.0	V	180.0	17.6	43.5
192.475000	34.5	1000.0	120.000	100.0	V	-180.0	15.8	43.5
266.680000	25.6	1000.0	120.000	100.0	V	180.0	21.0	46.0
531.005000	29.6	1000.0	120.000	100.0	V	-180.0	25.1	46.0
955.380000	34.1	1000.0	120.000	100.0	V	180.0	29.5	46.0

1GHz ~ 7GHz:

Test Mode	TX Mode 2412 MHz_802.11b	Polarization	Horizontal
-----------	--------------------------	--------------	------------

Radiated emission (1-7GHz) FSV 40



PK

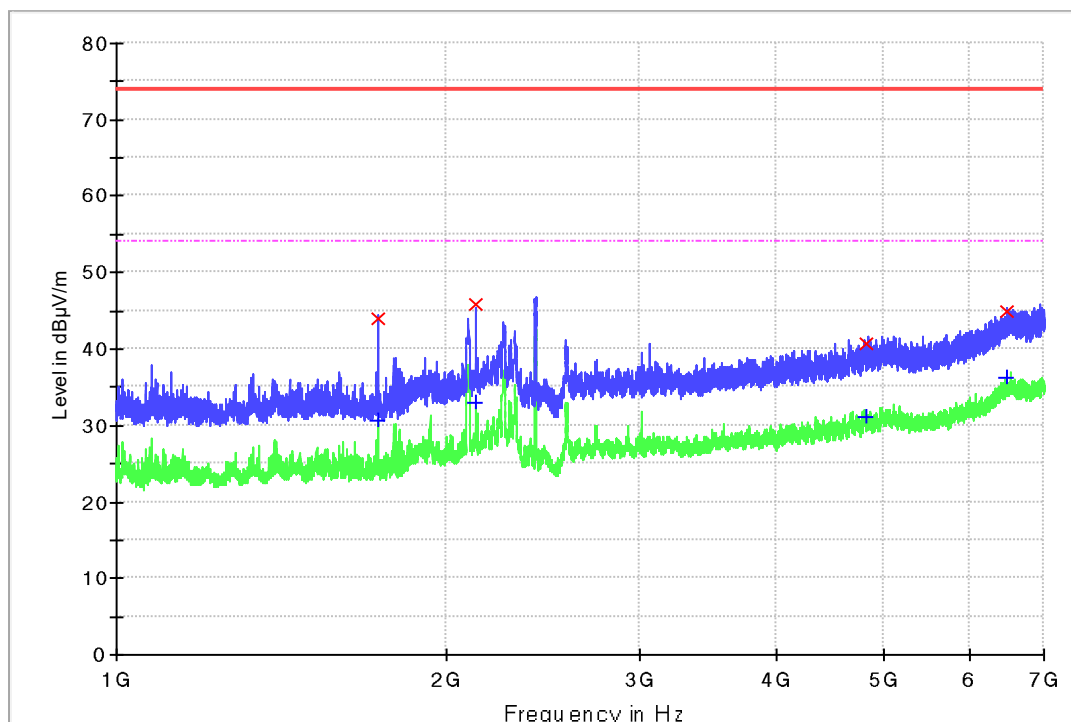
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1465.000000	41.8	1000.000	150.0	H	180.0	-18.6	32.2	74.0
2253.454546	43.3	1000.000	150.0	H	180.0	-15.6	30.7	74.0
4823.090909	40.6	1000.000	150.0	H	180.0	-11.2	33.4	74.0
6906.727273	46.2	1000.000	150.0	H	180.0	-7.2	27.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1465.000000	30.1	1000.000	150.0	H	180.0	-18.6	23.9	54.0
2253.454546	36.8	1000.000	150.0	H	180.0	-15.6	17.2	54.0
4823.090909	32.2	1000.000	150.0	H	180.0	-11.2	21.9	54.0
6906.727273	36.4	1000.000	150.0	H	180.0	-7.2	17.6	54.0

Test Mode	TX Mode 2412 MHz_802.11b	Polarization	Vertical
-----------	--------------------------	--------------	----------

Radiated emission (1-7 GHz) FSV 40



PK

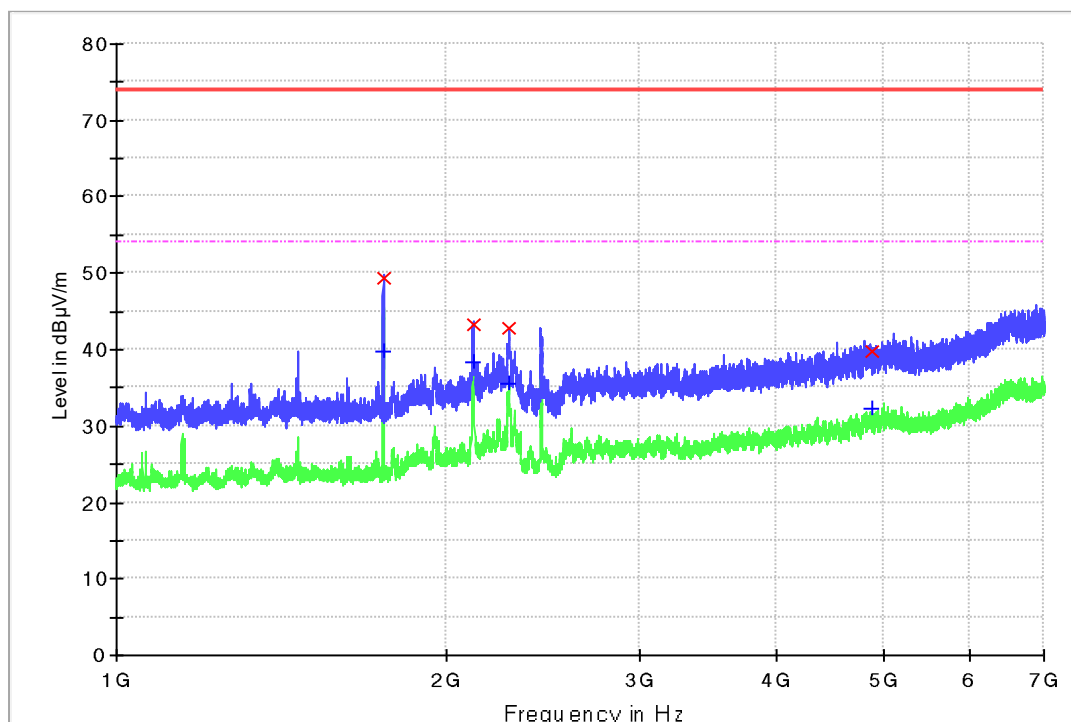
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1728.727273	44.1	1000.000	150.0	V	-180.0	-18.8	29.9	74.0
2125.818182	45.8	1000.000	150.0	V	-180.0	-16.5	28.2	74.0
4824.454546	40.7	1000.000	150.0	V	-180.0	-11.2	33.3	74.0
6464.636364	45.0	1000.000	150.0	V	-180.0	-7.6	29.0	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1728.727273	30.6	1000.000	150.0	V	-180.0	-18.8	23.4	54.0
2125.818182	32.9	1000.000	150.0	V	-180.0	-16.5	21.1	54.0
4824.454546	31.2	1000.000	150.0	V	-180.0	-11.2	22.8	54.0
6464.636364	36.3	1000.000	150.0	V	-180.0	-7.6	17.7	54.0

Test Mode	TX Mode 2437 MHz_802.11b	Polarization	Horizontal
-----------	--------------------------	--------------	------------

Radiated emission (1-7 GHz) FSV 40



PK

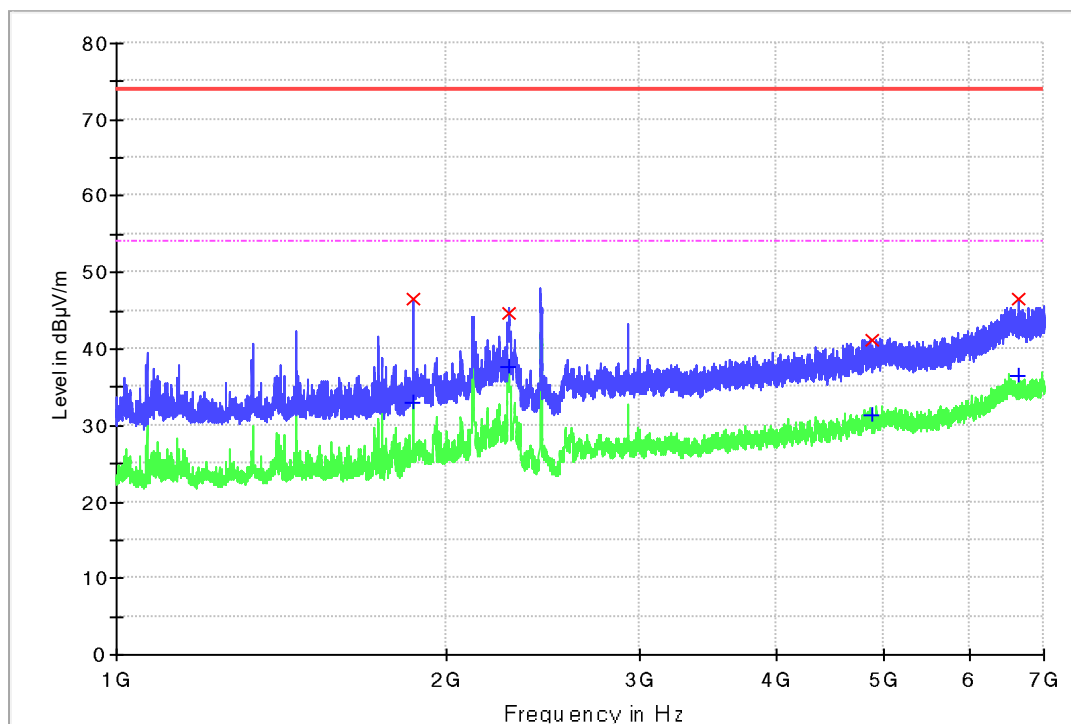
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1752.181818	49.3	1000.000	150.0	H	-180.0	-18.8	24.7	74.0
2112.181818	43.3	1000.000	150.0	H	-180.0	-16.7	30.7	74.0
2277.181818	42.7	1000.000	150.0	H	-180.0	-15.7	31.3	74.0
4873.272727	39.8	1000.000	150.0	H	-180.0	-11.1	34.2	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1752.181818	39.8	1000.000	150.0	H	-180.0	-18.8	14.3	54.0
2112.181818	38.3	1000.000	150.0	H	-180.0	-16.7	15.7	54.0
2277.181818	35.7	1000.000	150.0	H	-180.0	-15.7	18.4	54.0
4873.272727	32.2	1000.000	150.0	H	-180.0	-11.1	21.8	54.0

Test Mode	TX Mode 2437 MHz_802.11b	Polarization	Vertical
-----------	--------------------------	--------------	----------

Radiated emission (1-7 GHz) FSV 40



PK

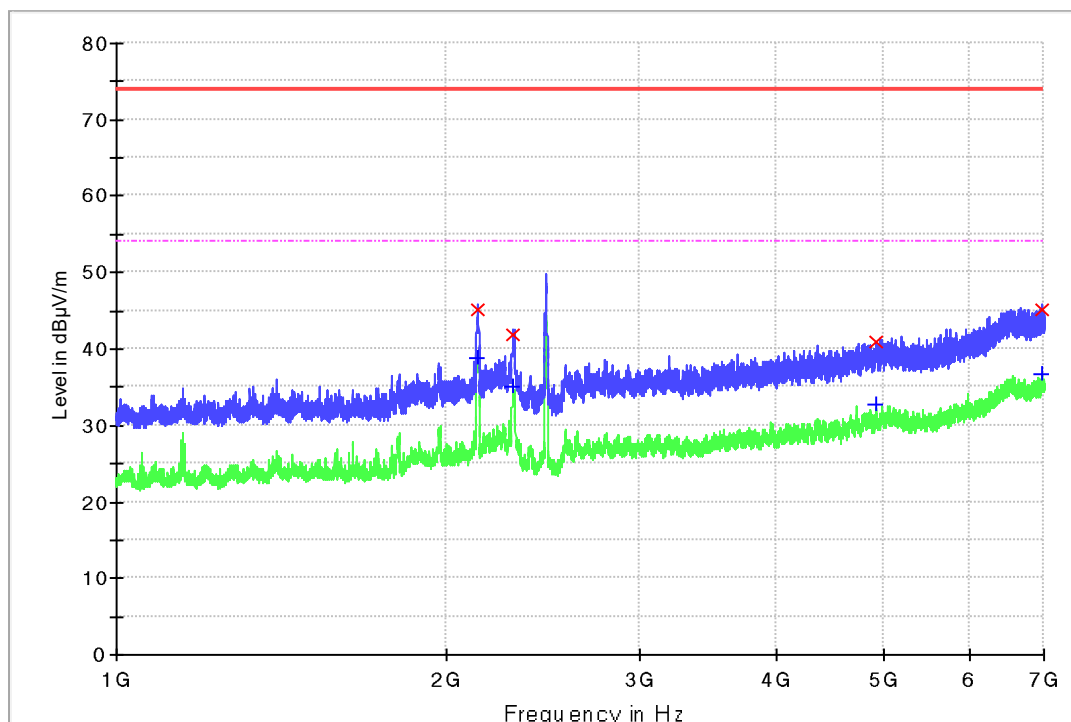
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1862.636364	46.5	1000.000	150.0	V	180.0	-18.5	27.5	74.0
2278.272727	44.7	1000.000	150.0	V	180.0	-15.7	29.3	74.0
4874.090909	41.1	1000.000	150.0	V	180.0	-11.1	32.9	74.0
6647.363636	46.5	1000.000	150.0	V	180.0	-7.5	27.5	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1862.636364	33.1	1000.000	150.0	V	180.0	-18.5	20.9	54.0
2278.272727	37.7	1000.000	150.0	V	180.0	-15.7	16.3	54.0
4874.090909	31.3	1000.000	150.0	V	180.0	-11.1	22.7	54.0
6647.363636	36.4	1000.000	150.0	V	180.0	-7.5	17.6	54.0

Test Mode	TX Mode 2462 MHz_802.11b	Polarization	Horizontal
-----------	--------------------------	--------------	------------

Radiated emission (1-7 GHz) FSV 40



PK

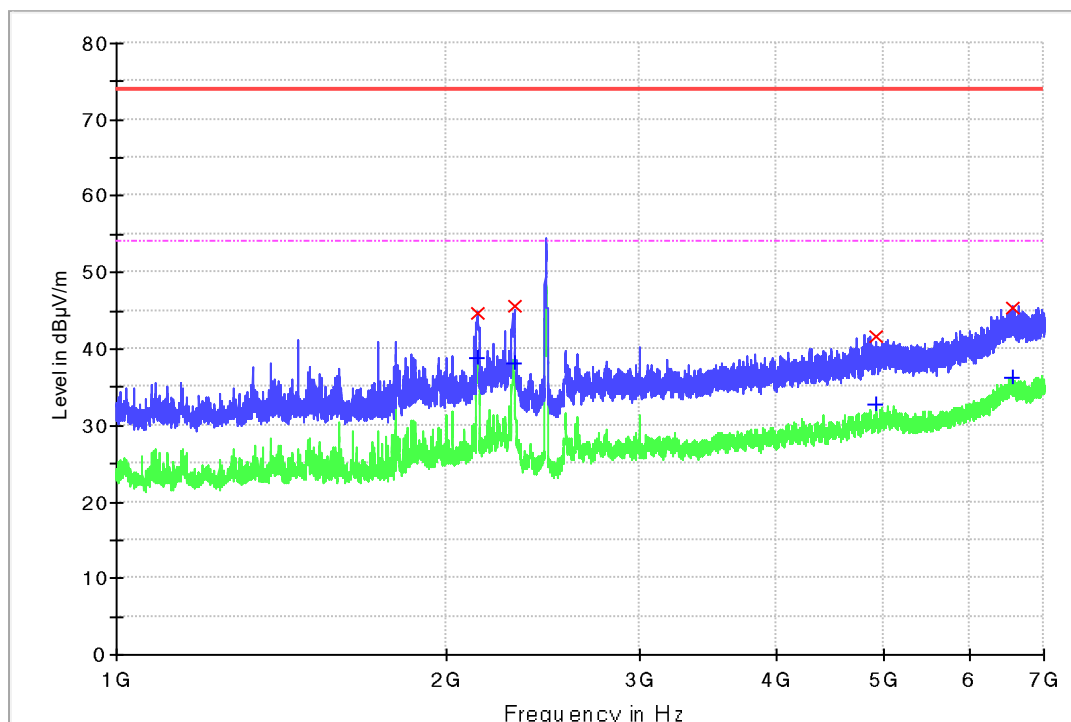
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2133.727273	45.2	1000.000	150.0	H	180.0	-16.4	28.8	74.0
2301.454546	42.0	1000.000	150.0	H	180.0	-15.7	32.0	74.0
4925.909091	40.9	1000.000	150.0	H	180.0	-11.1	33.1	74.0
6963.181818	45.2	1000.000	150.0	H	180.0	-6.6	28.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2133.727273	38.8	1000.000	150.0	H	180.0	-16.4	15.2	54.0
2301.454546	35.0	1000.000	150.0	H	180.0	-15.7	19.0	54.0
4925.909091	32.9	1000.000	150.0	H	180.0	-11.1	21.2	54.0
6963.181818	36.7	1000.000	150.0	H	180.0	-6.6	17.3	54.0

Test Mode	TX Mode 2462 MHz_802.11b	Polarization	Vertical
-----------	--------------------------	--------------	----------

Radiated emission (1-7 GHz) FSV 40



PK

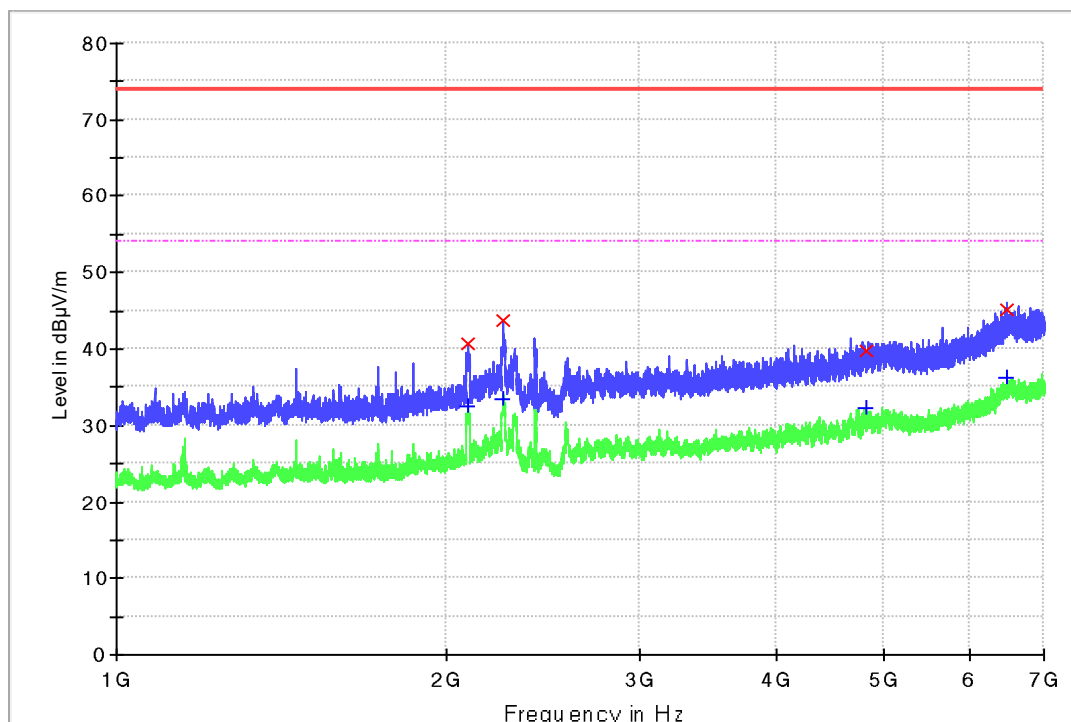
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2135.090909	44.7	1000.000	150.0	V	-180.0	-16.4	29.3	74.0
2302.272727	45.6	1000.000	150.0	V	-180.0	-15.7	28.4	74.0
4923.727273	41.8	1000.000	150.0	V	-180.0	-11.1	32.3	74.0
6545.909091	45.5	1000.000	150.0	V	-180.0	-7.3	28.6	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2135.090909	38.9	1000.000	150.0	V	-180.0	-16.4	15.1	54.0
2302.272727	38.1	1000.000	150.0	V	-180.0	-15.7	15.9	54.0
4923.727273	32.7	1000.000	150.0	V	-180.0	-11.1	21.4	54.0
6545.909091	36.3	1000.000	150.0	V	-180.0	-7.3	17.7	54.0

Test Mode	TX Mode 2412 MHz_802.11g	Polarization	Horizontal
-----------	--------------------------	--------------	------------

Radiated emission (1-7 GHz) FSV 40



PK

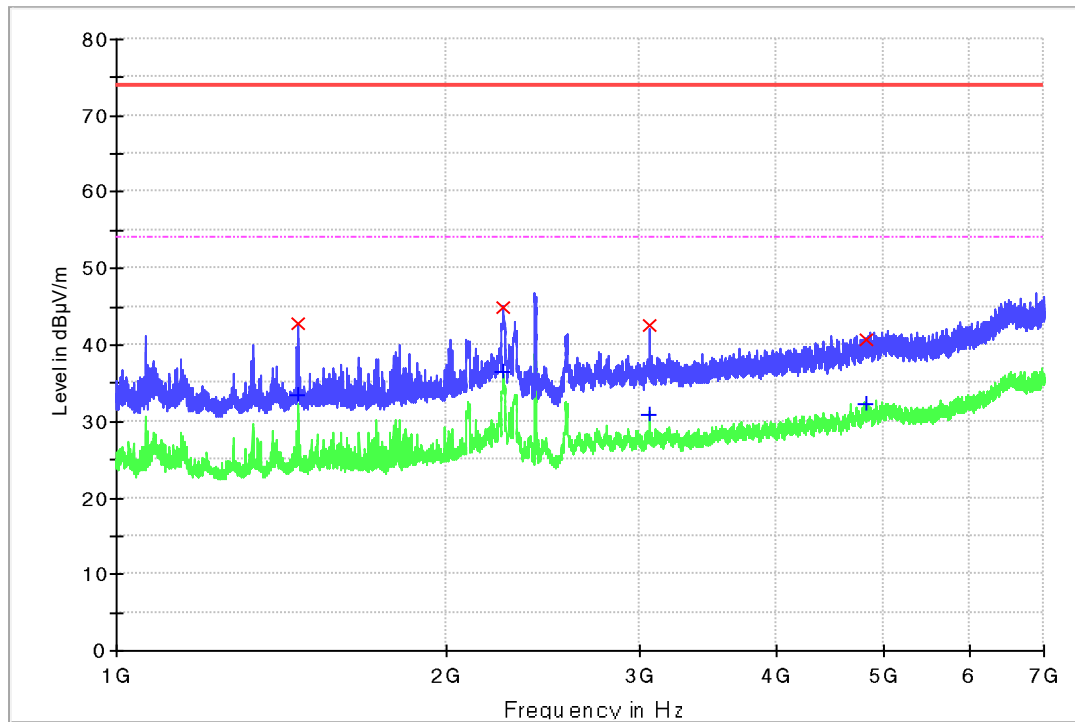
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2088.181818	40.8	1000.000	150.0	H	-180.0	-17.0	33.2	74.0
2251.818182	43.7	1000.000	150.0	H	-180.0	-15.6	30.3	74.0
4823.363636	39.8	1000.000	150.0	H	-180.0	-11.2	34.3	74.0
6474.727273	45.2	1000.000	150.0	H	-180.0	-7.5	28.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2088.181818	32.6	1000.000	150.0	H	-180.0	-17.0	21.4	54.0
2251.818182	33.6	1000.000	150.0	H	-180.0	-15.6	20.4	54.0
4823.363636	32.2	1000.000	150.0	H	-180.0	-11.2	21.8	54.0
6474.727273	36.2	1000.000	150.0	H	-180.0	-7.5	17.8	54.0

Test Mode	TX Mode 2412 MHz_802.11g	Polarization	Vertical
-----------	--------------------------	--------------	----------

Radiated emission (1-7 GHz) FSV 40



PK

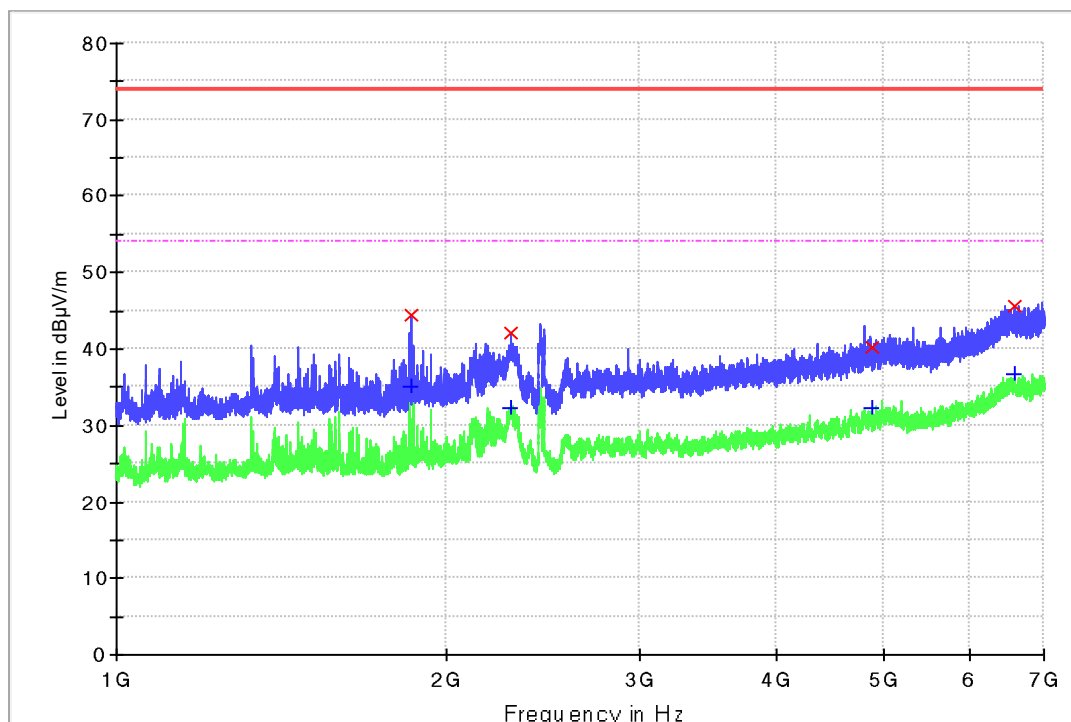
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1464.181818	42.7	1000.000	150.0	V	180.0	-18.6	31.3	74.0
2254.545455	45.0	1000.000	150.0	V	180.0	-15.6	29.0	74.0
3058.000000	42.6	1000.000	150.0	V	180.0	-14.8	31.4	74.0
4823.909091	40.7	1000.000	150.0	V	180.0	-11.2	33.3	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1464.181818	33.3	1000.000	150.0	V	180.0	-18.6	20.7	54.0
2254.545455	36.6	1000.000	150.0	V	180.0	-15.6	17.4	54.0
3058.000000	30.8	1000.000	150.0	V	180.0	-14.8	23.2	54.0
4823.909091	32.3	1000.000	150.0	V	180.0	-11.2	21.7	54.0

Test Mode	TX Mode 2437 MHz_802.11g	Polarization	Horizontal
-----------	--------------------------	--------------	------------

Radiated emission (1-7 GHz) FSV 40



PK

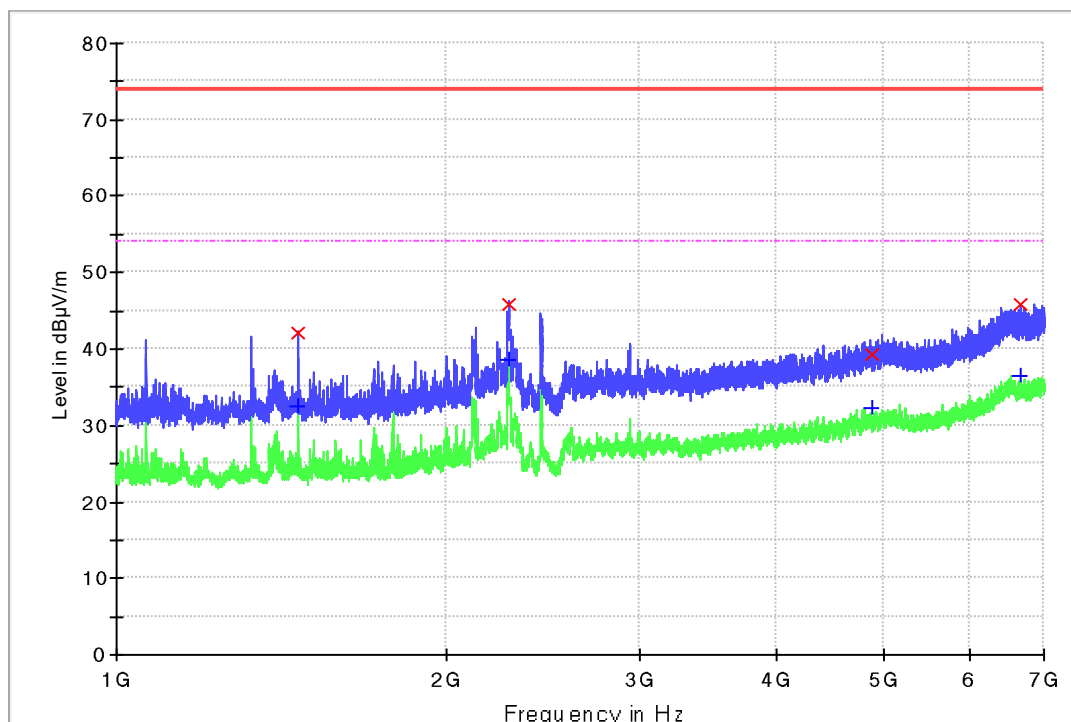
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1857.727273	44.6	1000.000	150.0	V	180.0	-18.5	29.4	74.0
2286.454546	42.1	1000.000	150.0	V	180.0	-15.7	31.9	74.0
4874.636364	40.3	1000.000	150.0	V	180.0	-11.1	33.7	74.0
6572.636364	45.5	1000.000	150.0	V	180.0	-7.4	28.5	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1857.727273	35.0	1000.000	150.0	V	180.0	-18.5	19.0	54.0
2286.454546	32.3	1000.000	150.0	V	180.0	-15.7	21.8	54.0
4874.636364	32.3	1000.000	150.0	V	180.0	-11.1	21.7	54.0
6572.636364	36.7	1000.000	150.0	V	180.0	-7.4	17.3	54.0

Test Mode	TX Mode 2437 MHz_802.11g	Polarization	Vertical
-----------	--------------------------	--------------	----------

Radiated emission (1-7 GHz) FSV 40



PK

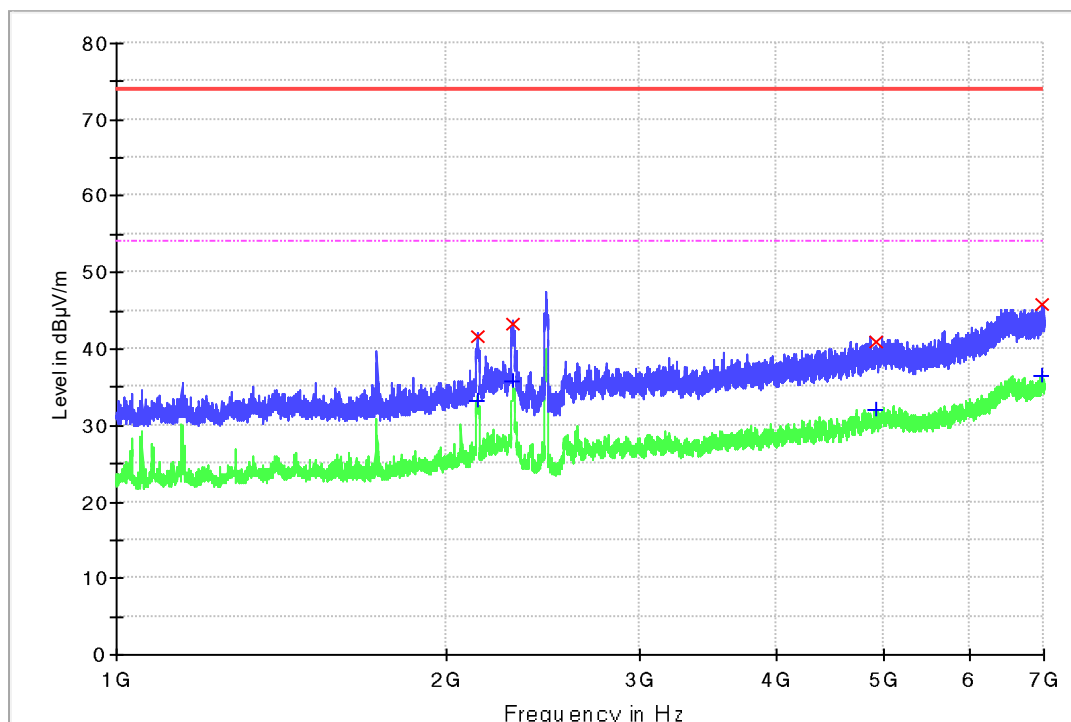
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1466.363636	42.2	1000.000	150.0	V	180.0	-18.6	31.8	74.0
2276.636364	45.9	1000.000	150.0	V	180.0	-15.6	28.1	74.0
4873.272727	39.3	1000.000	150.0	V	180.0	-11.1	34.7	74.0
6651.727273	45.8	1000.000	150.0	V	180.0	-7.6	28.2	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1466.363636	32.5	1000.000	150.0	V	180.0	-18.6	21.5	54.0
2276.636364	38.5	1000.000	150.0	V	180.0	-15.6	15.5	54.0
4873.272727	32.4	1000.000	150.0	V	180.0	-11.1	21.6	54.0
6651.727273	36.4	1000.000	150.0	V	180.0	-7.6	17.6	54.0

Test Mode	TX Mode 2462 MHz_802.11g	Polarization	Horizontal
-----------	--------------------------	--------------	------------

Radiated emission (1-7GHz) FSV 40



PK

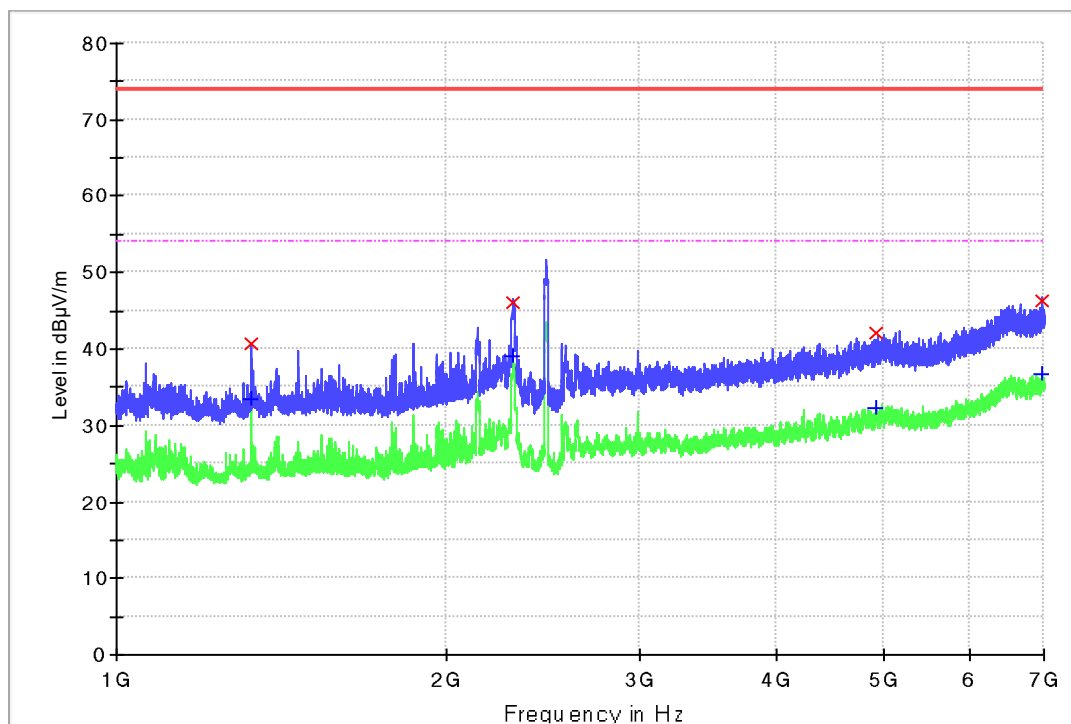
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2131.272727	41.6	1000.000	150.0	H	180.0	-16.4	32.4	74.0
2298.727273	43.3	1000.000	150.0	H	180.0	-15.7	30.7	74.0
4925.636364	40.9	1000.000	150.0	H	180.0	-11.1	33.1	74.0
6980.636364	46.0	1000.000	150.0	H	180.0	-6.4	28.1	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2131.272727	33.2	1000.000	150.0	H	180.0	-16.4	20.9	54.0
2298.727273	35.8	1000.000	150.0	H	180.0	-15.7	18.2	54.0
4925.636364	32.0	1000.000	150.0	H	180.0	-11.1	22.0	54.0
6980.636364	36.5	1000.000	150.0	H	180.0	-6.4	17.6	54.0

Test Mode	TX Mode 2462 MHz_802.11g	Polarization	Vertical
-----------	--------------------------	--------------	----------

Radiated emission (1-7 GHz) FSV 40



PK

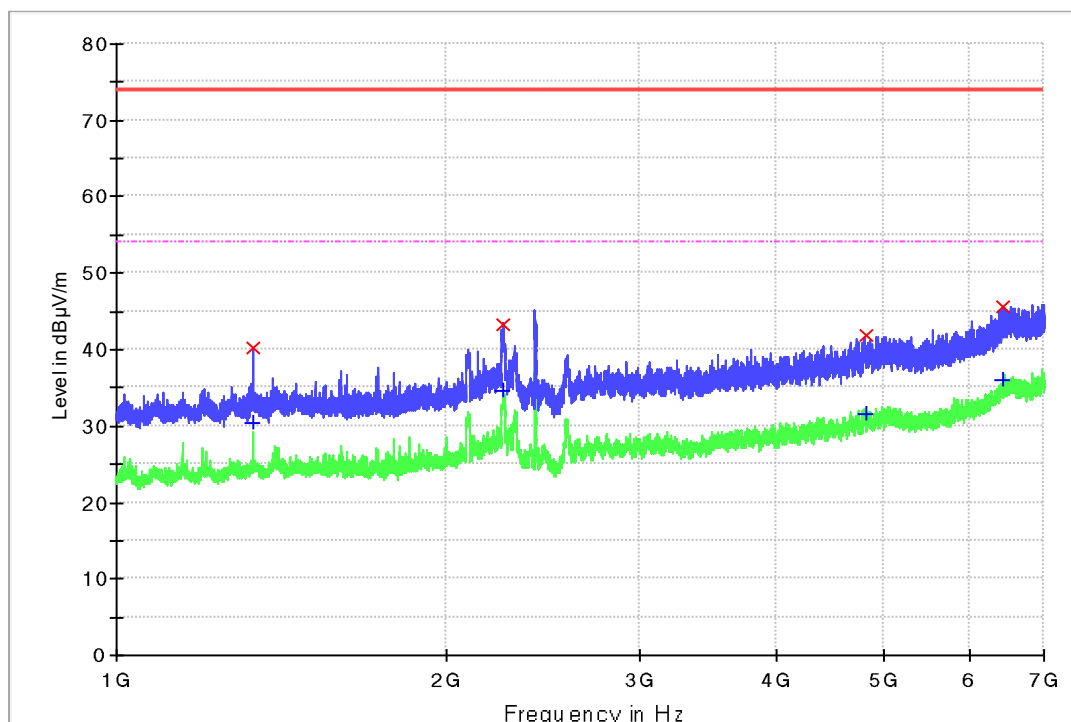
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1327.545455	40.8	1000.000	150.0	V	-180.0	-18.7	33.3	74.0
2296.272727	46.1	1000.000	150.0	V	-180.0	-15.7	27.9	74.0
4924.545455	42.2	1000.000	150.0	V	-180.0	-11.1	31.8	74.0
6976.545455	46.2	1000.000	150.0	V	-180.0	-6.4	27.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1327.545455	33.4	1000.000	150.0	V	-180.0	-18.7	20.6	54.0
2296.272727	39.0	1000.000	150.0	V	-180.0	-15.7	15.0	54.0
4924.545455	32.2	1000.000	150.0	V	-180.0	-11.1	21.8	54.0
6976.545455	36.8	1000.000	150.0	V	-180.0	-6.4	17.2	54.0

Test Mode	TX Mode 2412 MHz_802.11n-HT20	Polarization	Horizontal
-----------	-------------------------------	--------------	------------

Radiated emission (1-7 GHz) FSV 40



PK

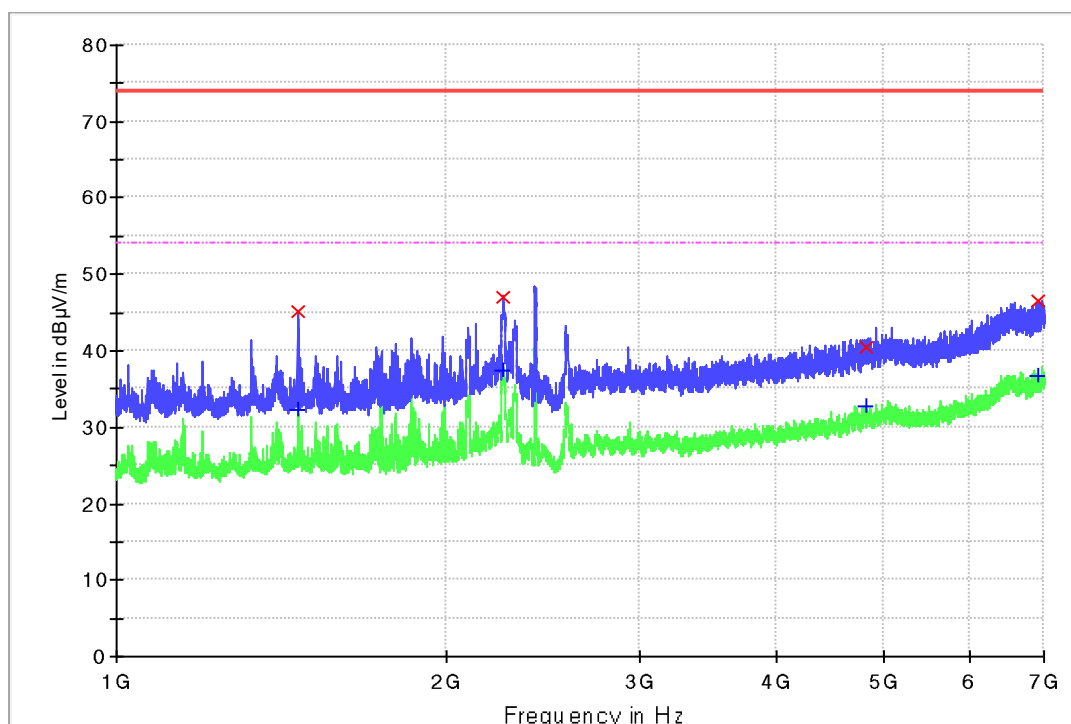
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1331.636364	40.2	1000.000	150.0	H	-180.0	-18.7	33.8	74.0
2250.454546	43.3	1000.000	150.0	H	-180.0	-15.6	30.7	74.0
4823.636364	41.9	1000.000	150.0	H	-180.0	-11.2	32.2	74.0
6429.181818	45.6	1000.000	150.0	H	-180.0	-7.8	28.4	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1331.636364	30.3	1000.000	150.0	H	-180.0	-18.7	23.7	54.0
2250.454546	34.6	1000.000	150.0	H	-180.0	-15.6	19.5	54.0
4823.636364	31.5	1000.000	150.0	H	-180.0	-11.2	22.5	54.0
6429.181818	36.0	1000.000	150.0	H	-180.0	-7.8	18.0	54.0

Test Mode	TX Mode 2412 MHz_802.11n-HT20	Polarization	Vertical
-----------	-------------------------------	--------------	----------

Radiated emission (1-7GHz) FSV 40



PK

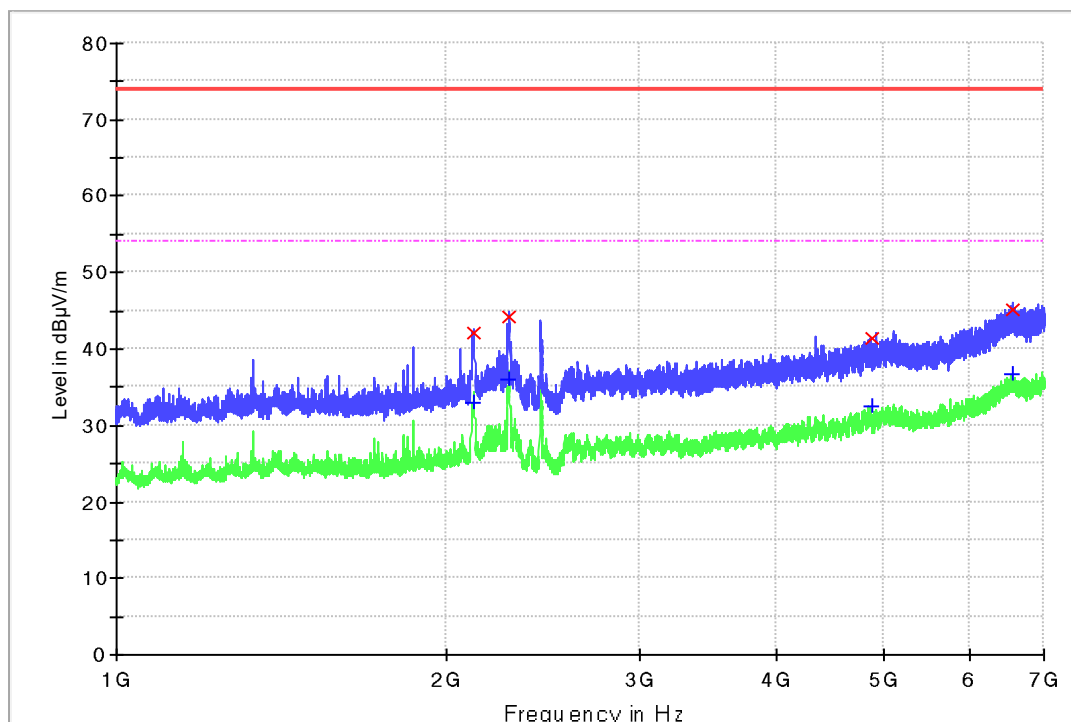
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1461.454546	45.2	1000.000	150.0	V	180.0	-18.6	28.8	74.0
2251.545455	47.1	1000.000	150.0	V	180.0	-15.6	26.9	74.0
4823.090909	40.4	1000.000	150.0	V	180.0	-11.2	33.6	74.0
6922.545455	46.5	1000.000	150.0	V	180.0	-7.1	27.5	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1461.454546	32.3	1000.000	150.0	V	180.0	-18.6	21.8	54.0
2251.545455	37.5	1000.000	150.0	V	180.0	-15.6	16.5	54.0
4823.090909	32.8	1000.000	150.0	V	180.0	-11.2	21.2	54.0
6922.545455	36.7	1000.000	150.0	V	180.0	-7.1	17.3	54.0

Test Mode	TX Mode 2437 MHz_802.11n-HT20	Polarization	Horizontal
-----------	-------------------------------	--------------	------------

Radiated emission (1-7 GHz) FSV 40



PK

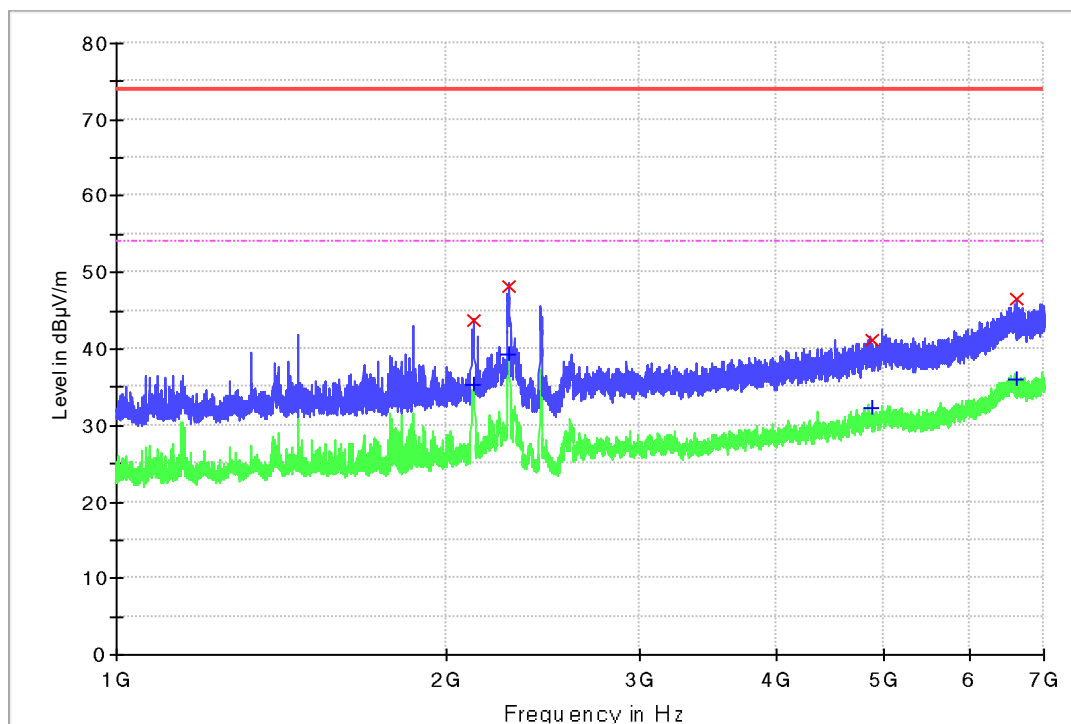
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2117.636364	42.1	1000.000	150.0	H	180.0	-16.6	31.9	74.0
2279.363636	44.1	1000.000	150.0	H	180.0	-15.7	29.9	74.0
4874.090909	41.3	1000.000	150.0	H	180.0	-11.1	32.7	74.0
6546.181818	45.2	1000.000	150.0	H	180.0	-7.3	28.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2117.636364	33.1	1000.000	150.0	H	180.0	-16.6	20.9	54.0
2279.363636	36.1	1000.000	150.0	H	180.0	-15.7	17.9	54.0
4874.090909	32.5	1000.000	150.0	H	180.0	-11.1	21.5	54.0
6546.181818	36.7	1000.000	150.0	H	180.0	-7.3	17.3	54.0

Test Mode	TX Mode 2437 MHz_802.11n-HT20	Polarization	Vertical
-----------	-------------------------------	--------------	----------

Radiated emission (1-7 GHz) FSV 40



PK

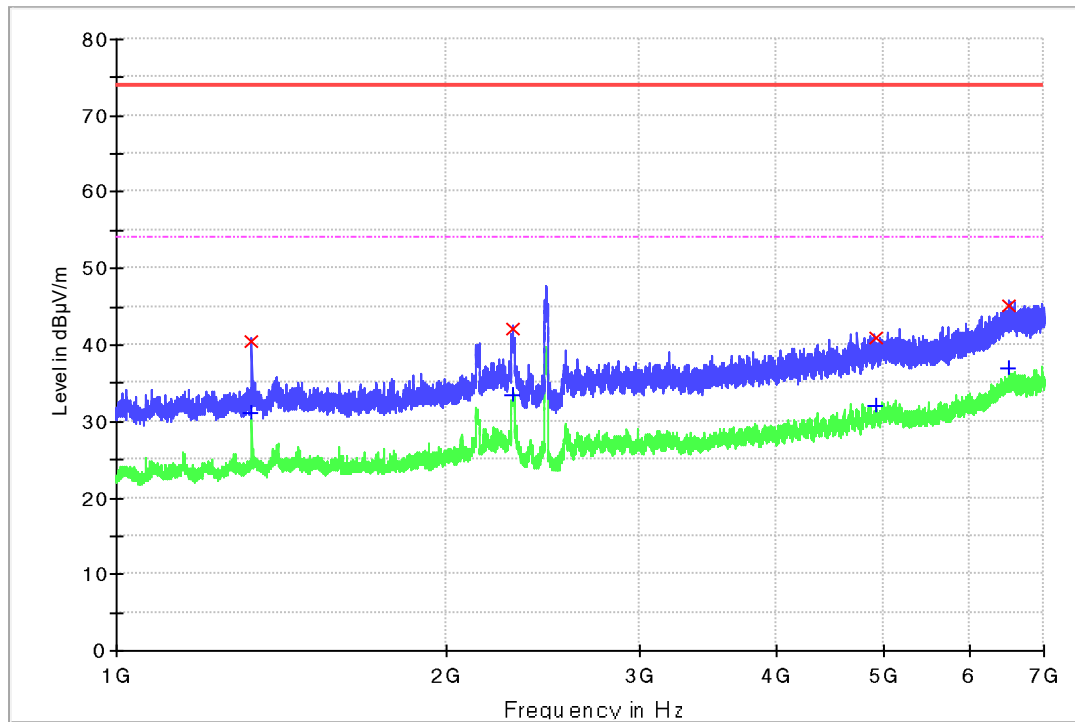
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2115.727273	43.8	1000.000	150.0	V	-180.0	-16.6	30.2	74.0
2279.909091	48.3	1000.000	150.0	V	-180.0	-15.7	25.7	74.0
4874.636364	41.2	1000.000	150.0	V	-180.0	-11.1	32.8	74.0
6609.181818	46.5	1000.000	150.0	V	-180.0	-7.4	27.5	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2115.727273	35.2	1000.000	150.0	V	-180.0	-16.6	18.8	54.0
2279.909091	39.3	1000.000	150.0	V	-180.0	-15.7	14.7	54.0
4874.636364	32.3	1000.000	150.0	V	-180.0	-11.1	21.7	54.0
6609.181818	36.0	1000.000	150.0	V	-180.0	-7.4	18.0	54.0

Test Mode	TX Mode 2462 MHz_802.11n-HT20	Polarization	Horizontal
-----------	-------------------------------	--------------	------------

Radiated emission (1-7 GHz) FSV 40



PK

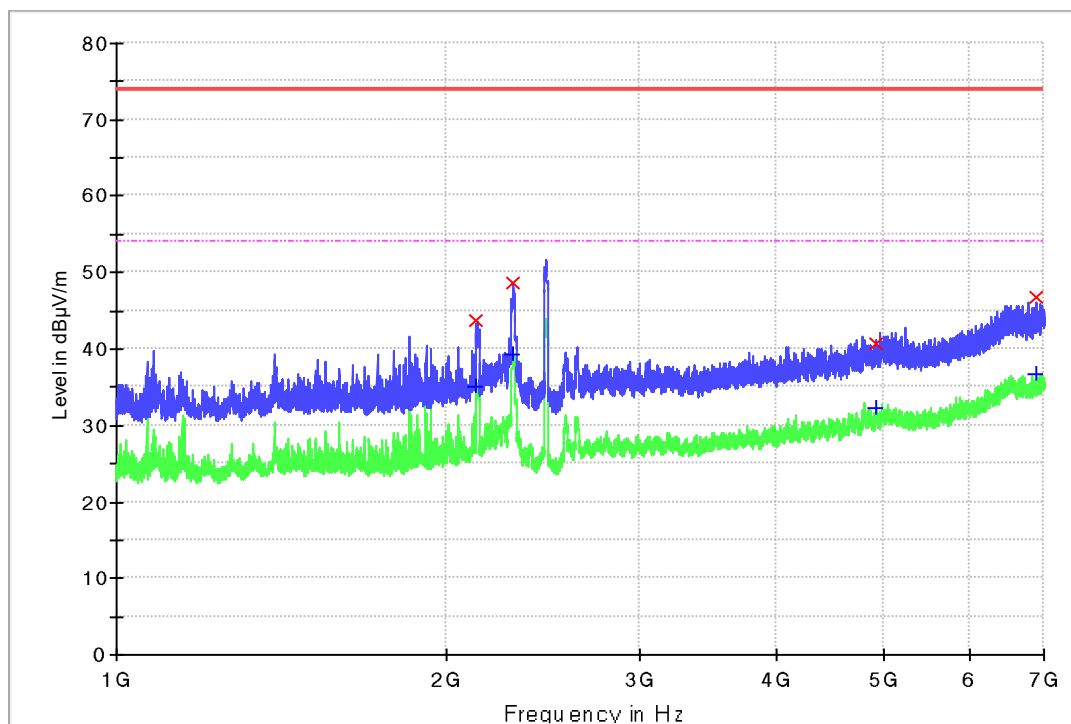
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1328.909091	40.4	1000.000	150.0	H	-180.0	-18.7	33.6	74.0
2295.454546	42.1	1000.000	150.0	H	-180.0	-15.7	31.9	74.0
4923.181818	40.9	1000.000	150.0	H	-180.0	-11.1	33.1	74.0
6511.818182	45.2	1000.000	150.0	H	-180.0	-7.3	28.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1328.909091	31.0	1000.000	150.0	H	-180.0	-18.7	23.0	54.0
2295.454546	33.4	1000.000	150.0	H	-180.0	-15.7	20.6	54.0
4923.181818	32.1	1000.000	150.0	H	-180.0	-11.1	21.9	54.0
6511.818182	36.9	1000.000	150.0	H	-180.0	-7.3	17.1	54.0

Test Mode	TX Mode 2462 MHz_802.11n-HT20	Polarization	Vertical
-----------	-------------------------------	--------------	----------

Radiated emission (1-7 GHz) FSV 40



PK

Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2128.272727	43.8	1000.000	150.0	V	180.0	-16.5	30.2	74.0
2301.727273	48.6	1000.000	150.0	V	180.0	-15.7	25.4	74.0
4923.727273	40.8	1000.000	150.0	V	180.0	-11.1	33.2	74.0
6892.000000	46.7	1000.000	150.0	V	180.0	-7.3	27.3	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2128.272727	35.0	1000.000	150.0	V	180.0	-16.5	19.0	54.0
2301.727273	39.2	1000.000	150.0	V	180.0	-15.7	14.8	54.0
4923.727273	32.2	1000.000	150.0	V	180.0	-11.1	21.8	54.0
6892.000000	36.6	1000.000	150.0	V	180.0	-7.3	17.4	54.0