

Fig.A.4.12 Occupied 6dB Bandwidth (802.11n-HT40, Ch 9)

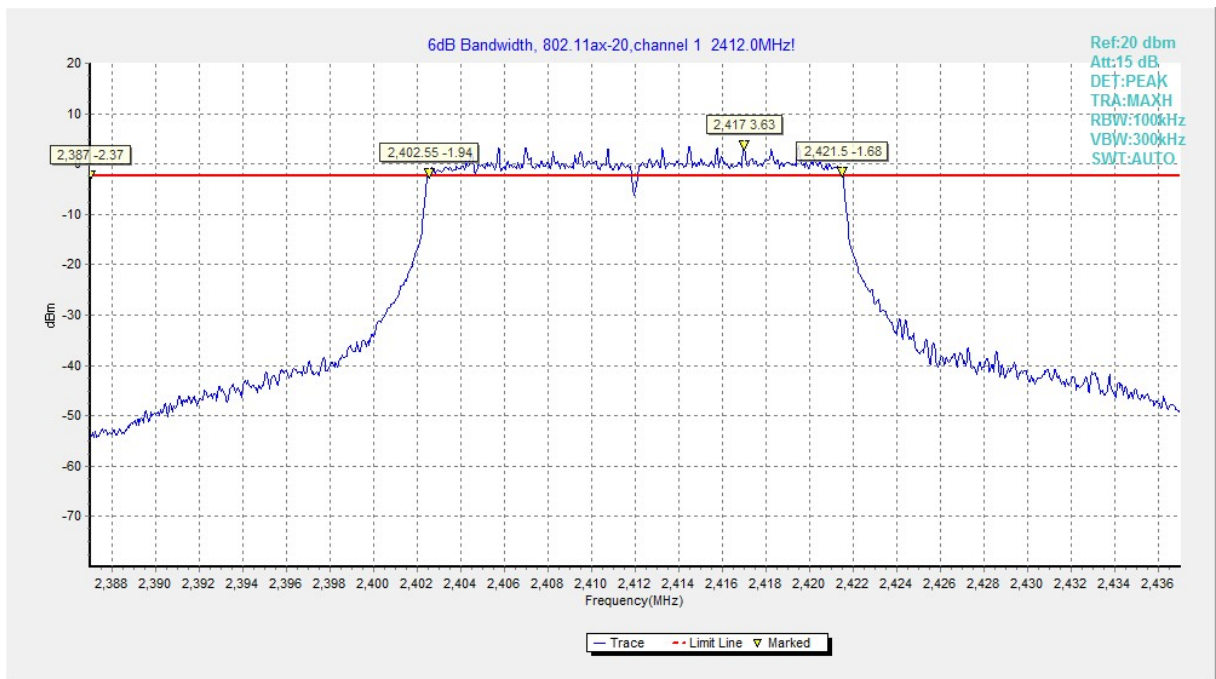


Fig.A.4.13 Occupied 6dB Bandwidth (802.11ax-HE20, Ch 1)

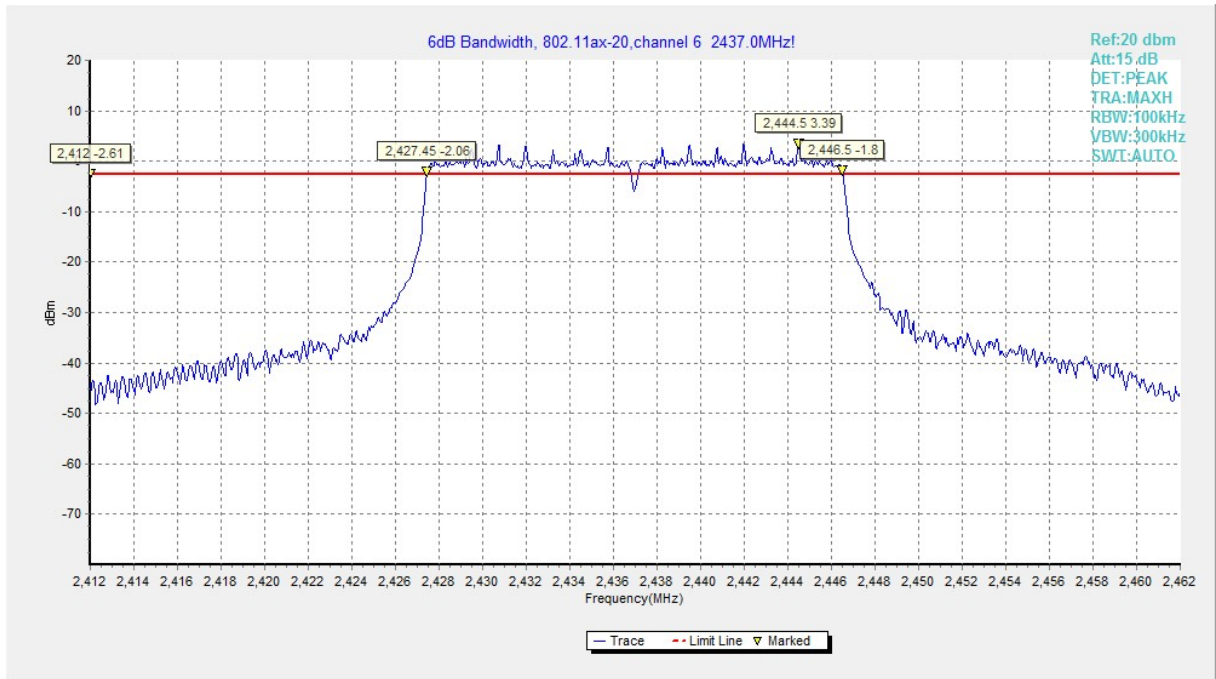


Fig.A.4.14 Occupied 6dB Bandwidth (802.11ax-HE20, Ch 6)

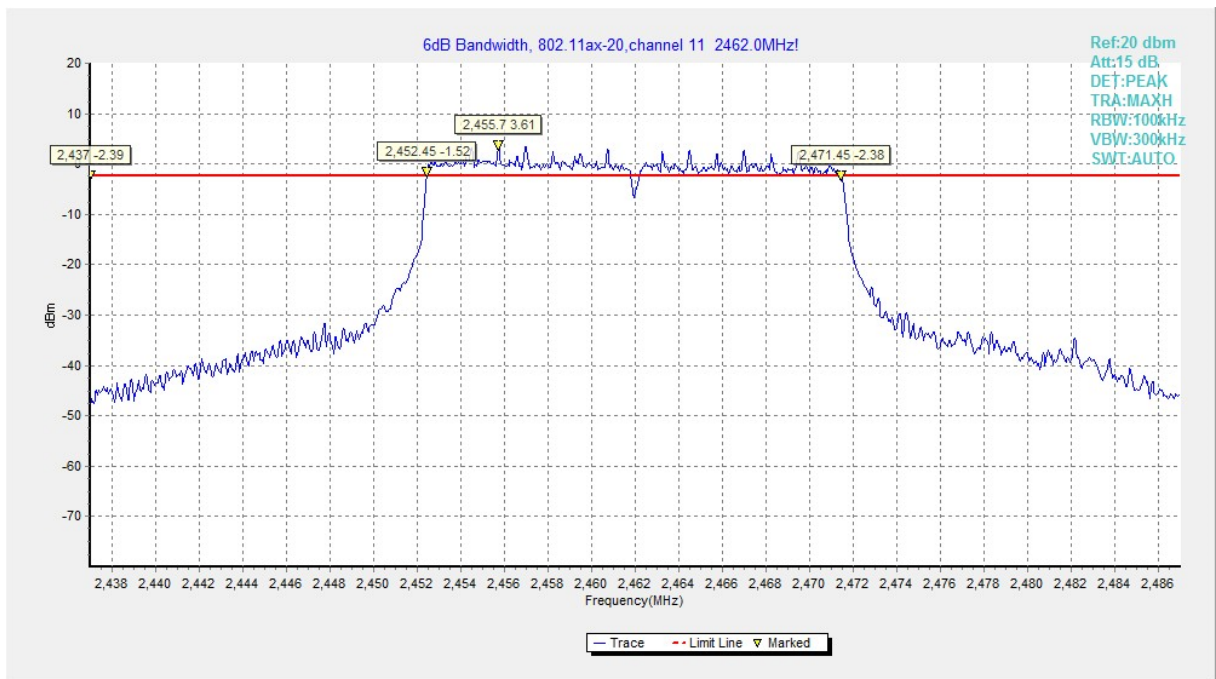


Fig.A.4.15 Occupied 6dB Bandwidth (802.11ax-HE20, Ch 11)

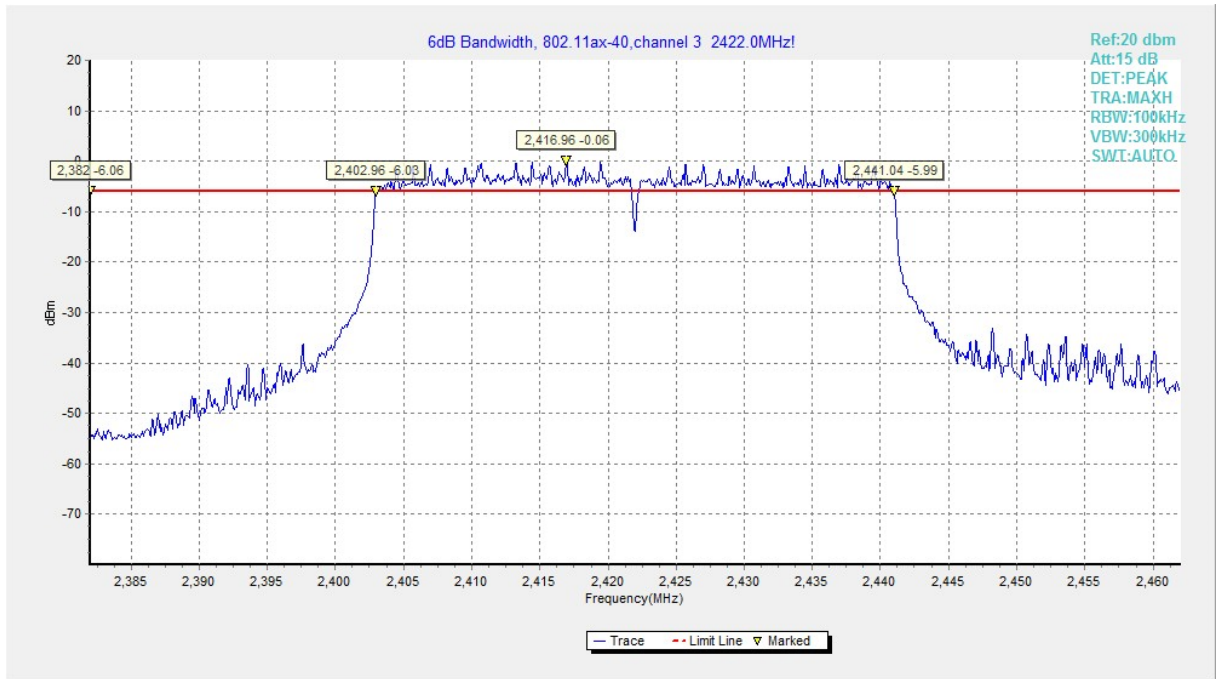


Fig.A.4.16 Occupied 6dB Bandwidth (802.11ax-HE40, Ch 3)

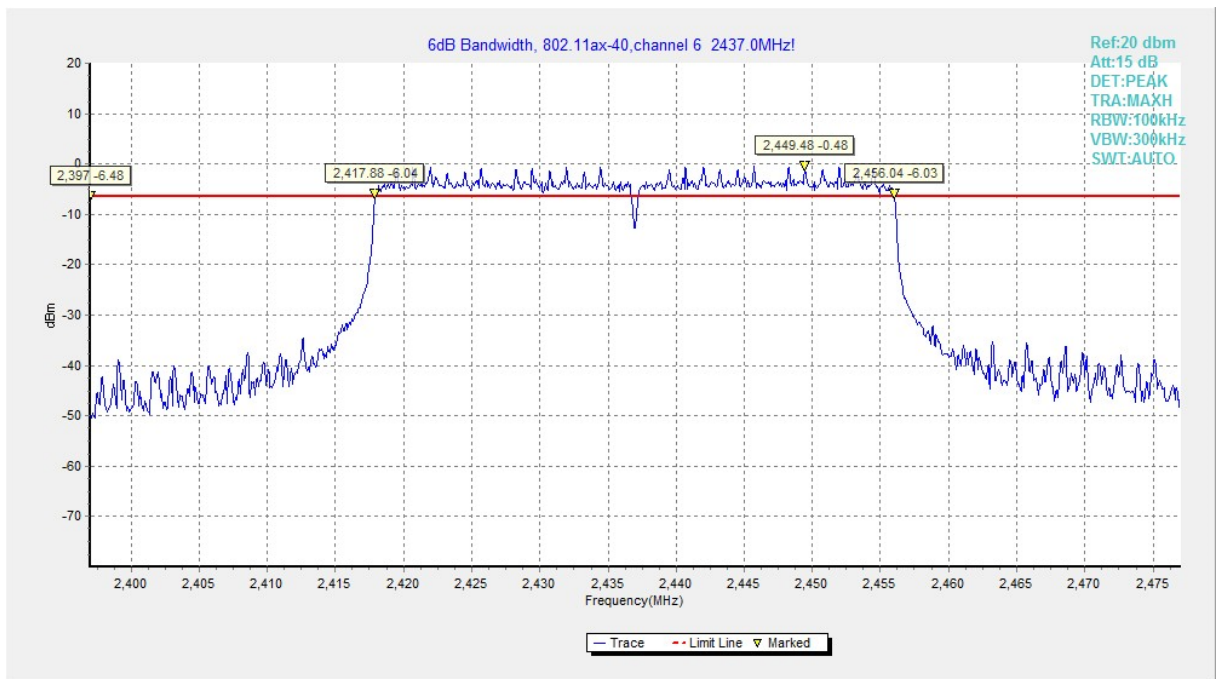


Fig.A.4.17 Occupied 6dB Bandwidth (802.11ax-HE40, Ch 6)

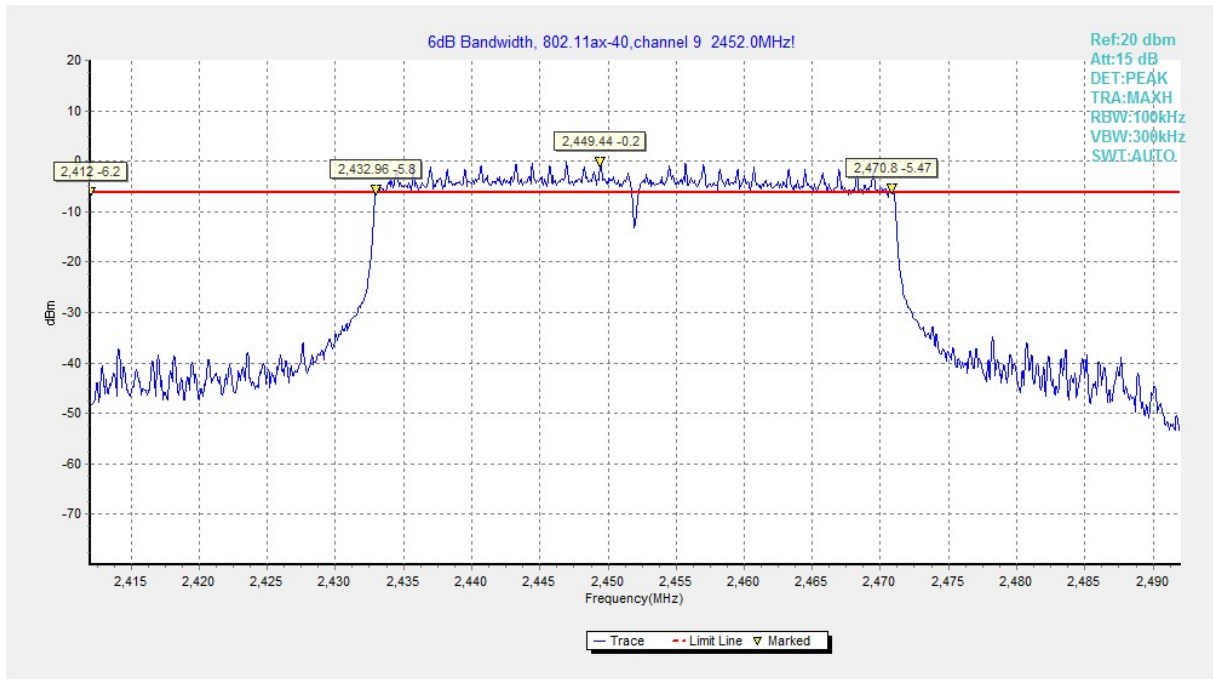


Fig.A.4.18 Occupied 6dB Bandwidth (802.11ax-HE40, Ch 9)

A.5. Band Edges Compliance

Method of Measurement: See ANSI C63.10-2013-clause 6.10.4

Connect the spectrum analyzer to the EUT using an appropriate RF cable connected to the EUT output. Configure the spectrum analyzer settings as described below.

- a) Set Span = 100MHz
- b) Sweep Time: coupled
- c) Set the RBW= 100 kHz
- c) Set the VBW= 300 kHz
- d) Detector: Peak
- e) Trace: Max hold

Measurement Limit:

Standard	Limit (dBc)
FCC 47 CFR Part 15.247 (d)	> 20

EUT ID: UT10a

Measurement Result:

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802.11b/g mode

Mode	Channel	Test Results	Conclusion
802.11b	1	Fig.A.5.1	P
	11	Fig.A.5.2	P
802.11g	1	Fig.A.5.3	P
	11	Fig.A.5.4	P

802.11n-HT20 mode

Mode	Channel	Test Results	Conclusion
802.11n (HT20)	1	Fig.A.5.5	P
	11	Fig.A.5.6	P

802.11n-HT40 mode

Mode	Channel	Test Results	Conclusion
802.11n (HT40)	3	Fig.A.5.7	P
	9	Fig.A.5.8	P

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802.11ax-HE20 mode(RU26-index0)

Mode	Channel	Test Results	Conclusion
802.11ax (HE20)	1	Fig.A.5.9	P
	11	Fig.A.5.10	P

802.11ax-HE40 mode(RU26-index0)

Mode	Channel	Test Results	Conclusion
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802.11ax (HE40)	3	Fig.A.5.11	P
	9	Fig.A.5.12	P

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802.11b/g mode

Mode	Channel	Test Results	Conclusion
802.11b	1	Fig.A.5.13	P
	11	Fig.A.5.14	P
802.11g	1	Fig.A.5.15	P
	11	Fig.A.5.16	P

802.11ax-HE20 mode(RU26-index0)

Mode	Channel	Test Results	Conclusion
802.11ax (HE20)	1	Fig.A.5.17	P
	11	Fig.A.5.18	P

802.11ax-HE40 mode(RU26-index0)

Mode	Channel	Test Results	Conclusion
802.11ax (HE40)	3	Fig.A.5.19	P
	9	Fig.A.5.20	P

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802.11n-HT20 mode

Mode	Channel	Test Results	Conclusion
802.11n (HT20)	1	Fig.A.5.21	P
	11	Fig.A.5.22	P

802.11n-HT40 mode

Mode	Channel	Test Results	Conclusion
802.11n (HT40)	3	Fig.A.5.23	P
	9	Fig.A.5.24	P

Note: All Antenna are tested, only the worst-case emissions have been reported.

Conclusion: Pass

Test graphs as below:

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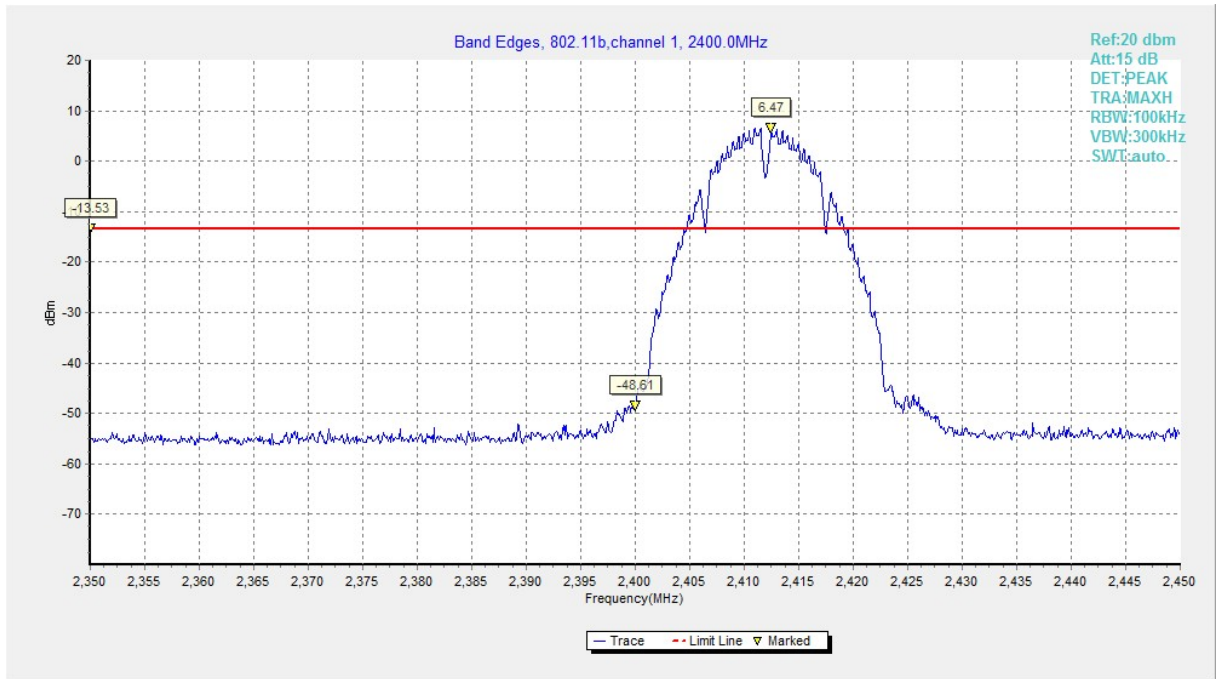


Fig.A.5.1 Band Edges (802.11b, Ch 1)

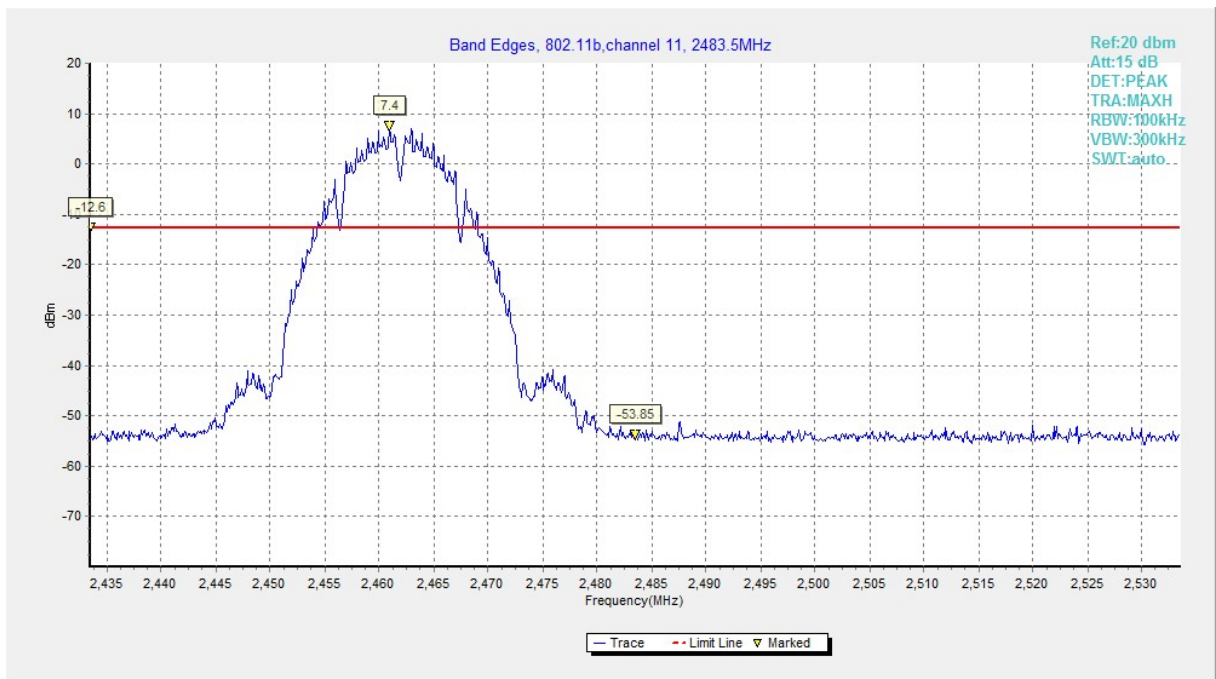


Fig.A.5.2 Band Edges (802.11b, Ch 11)

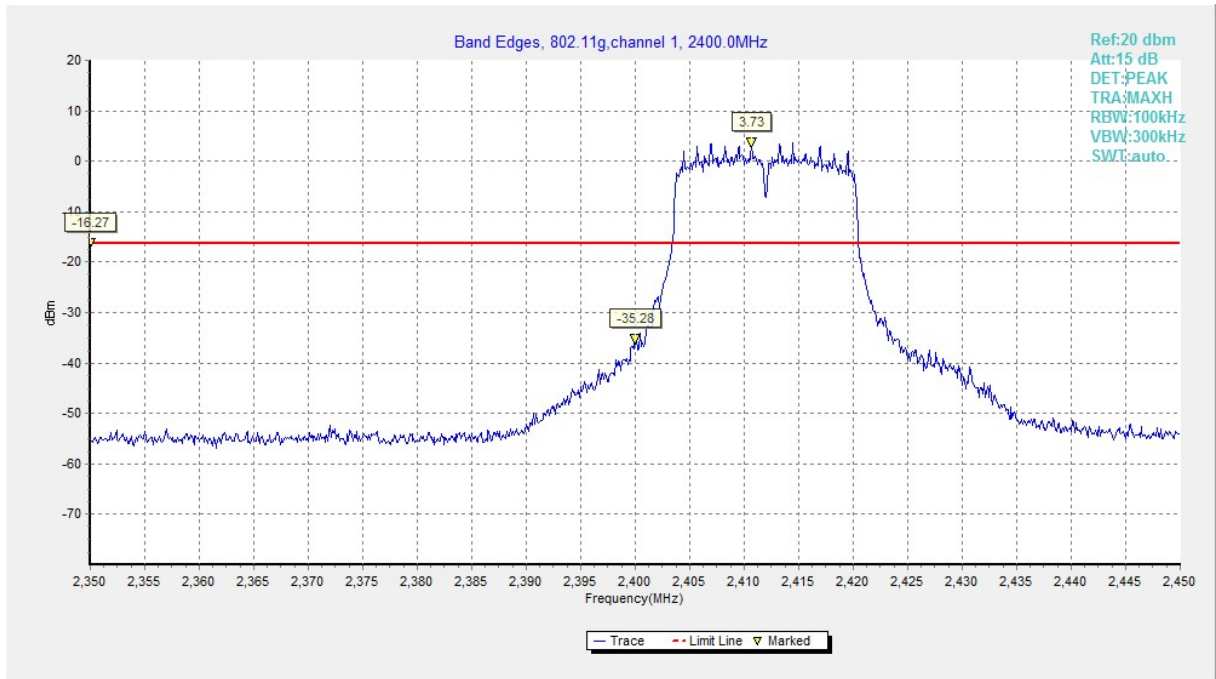


Fig.A.5.3 Band Edges (802.11g, Ch 1)

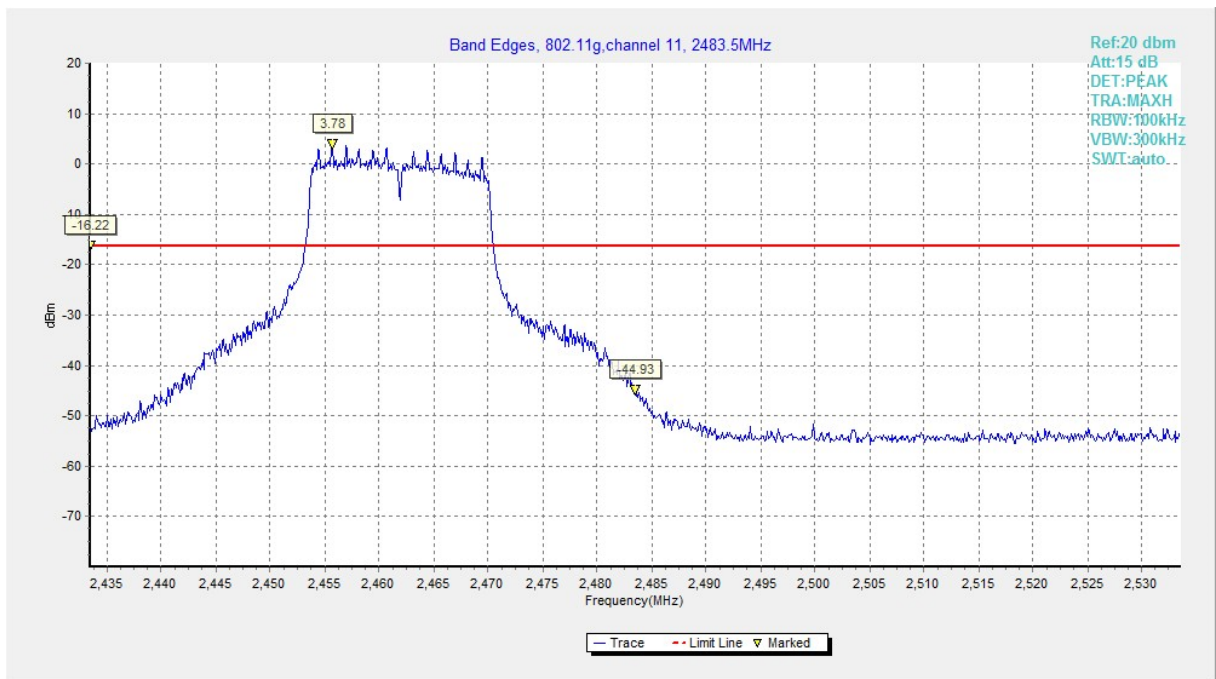


Fig.A.5.4 Band Edges (802.11g, Ch 11)

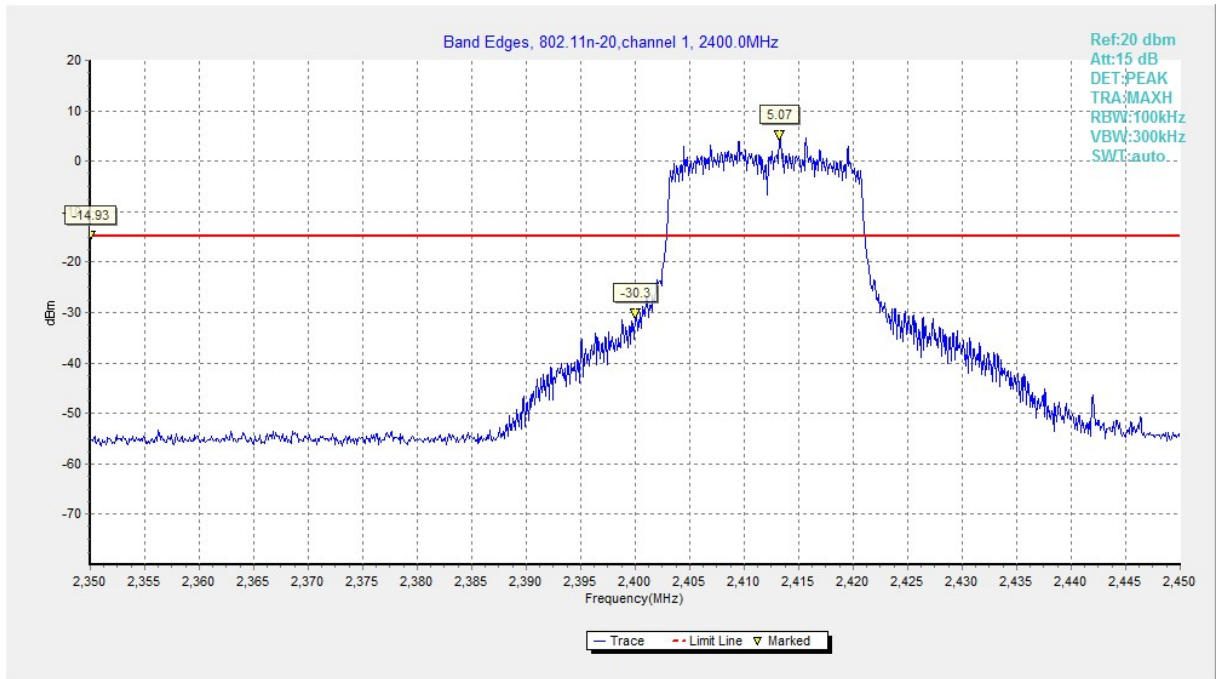


Fig.A.5.5 Band Edges (802.11n-HT20, Ch 1)

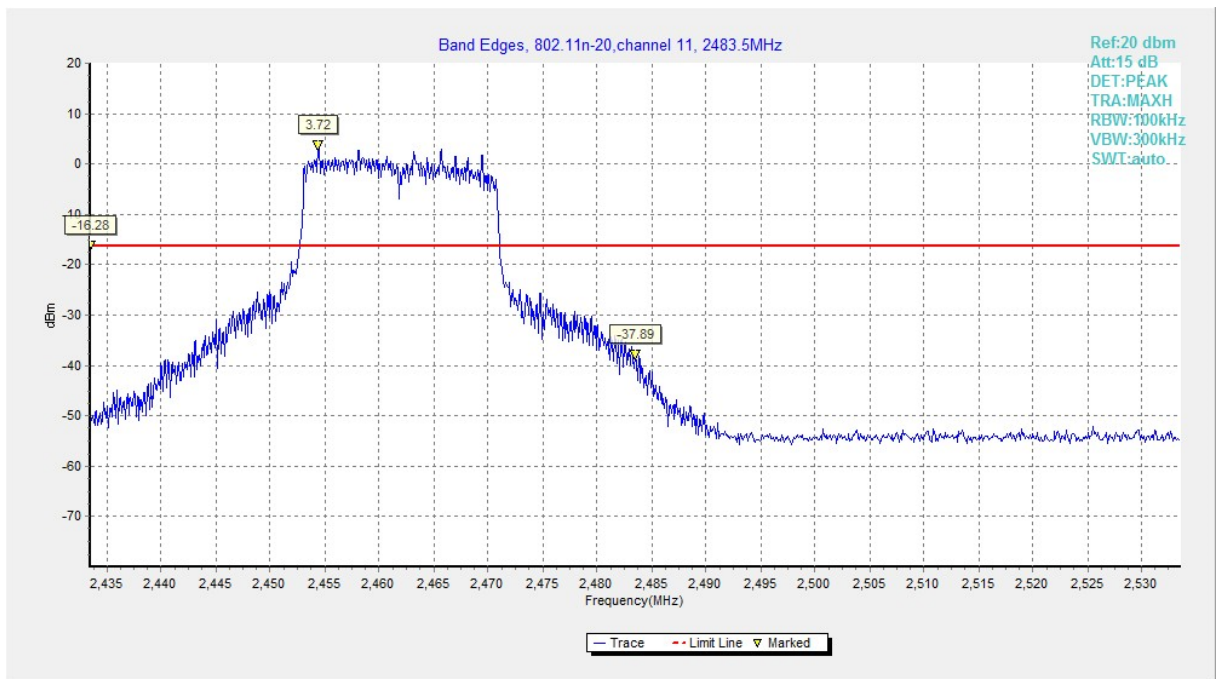


Fig.A.5.6 Band Edges (802.11n-HT20, Ch 11)

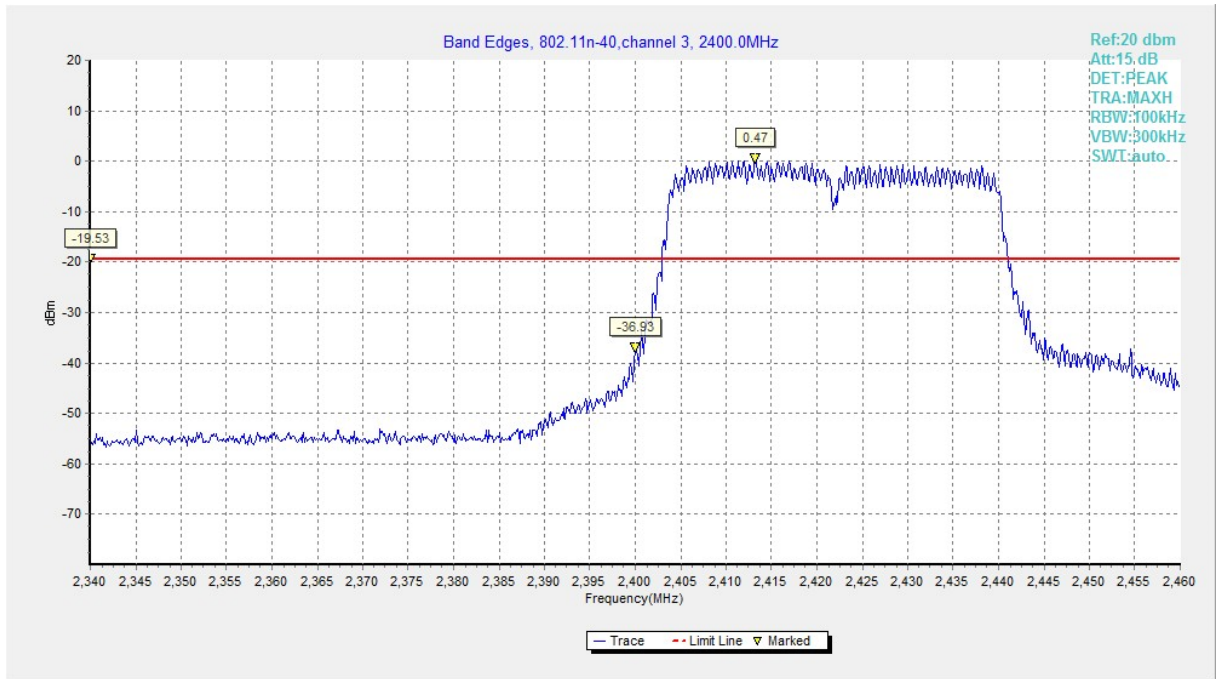


Fig.A.5.7 Band Edges (802.11n-HT40, Ch 3)

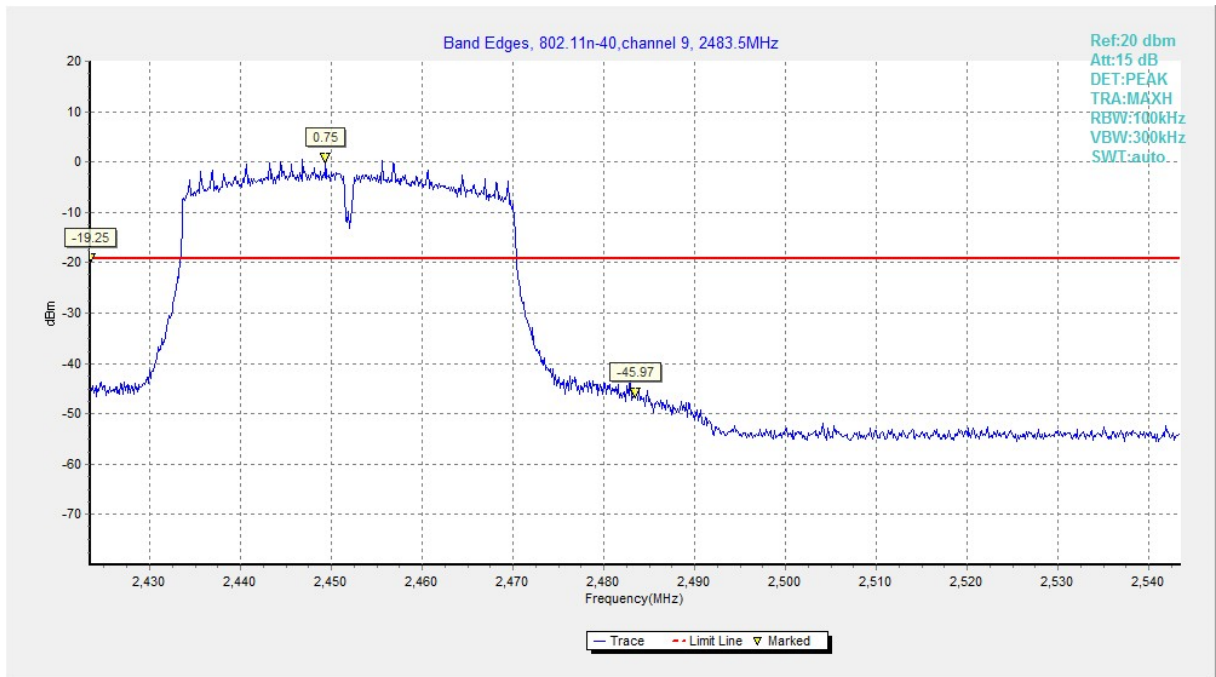


Fig.A.5.8 Band Edges (802.11n-HT40, Ch 9)

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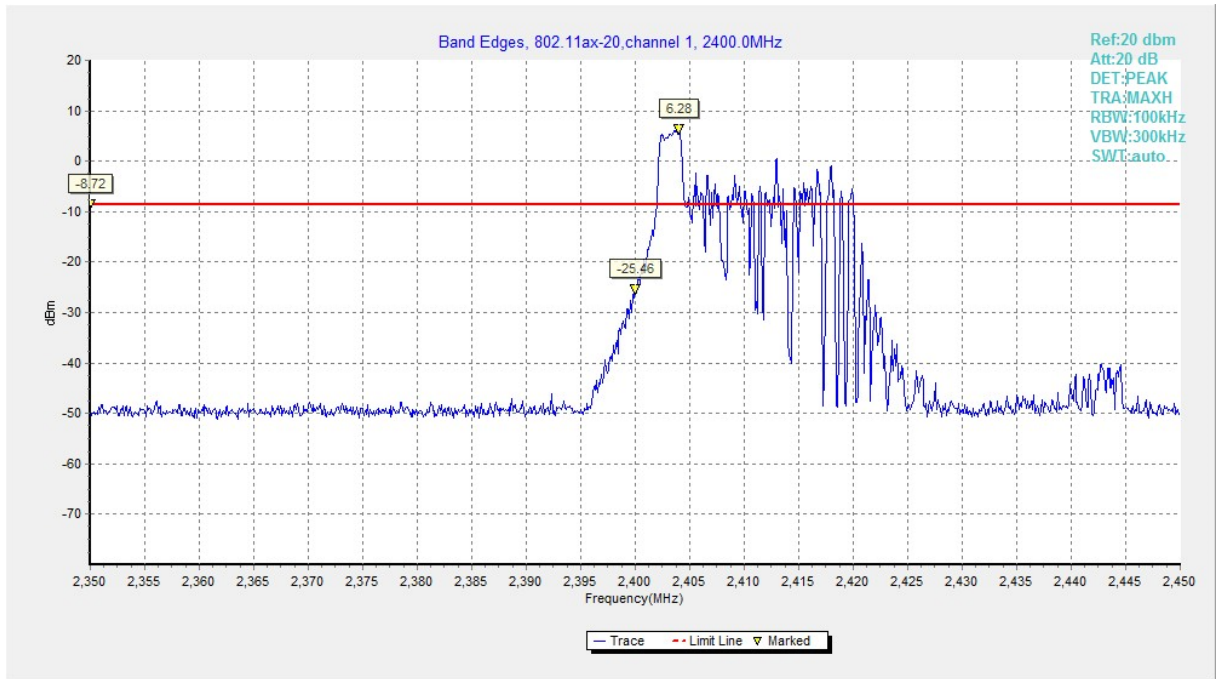


Fig.A.5.9 Band Edges (802.11ax-HE20 RU26-index0, Ch 1)

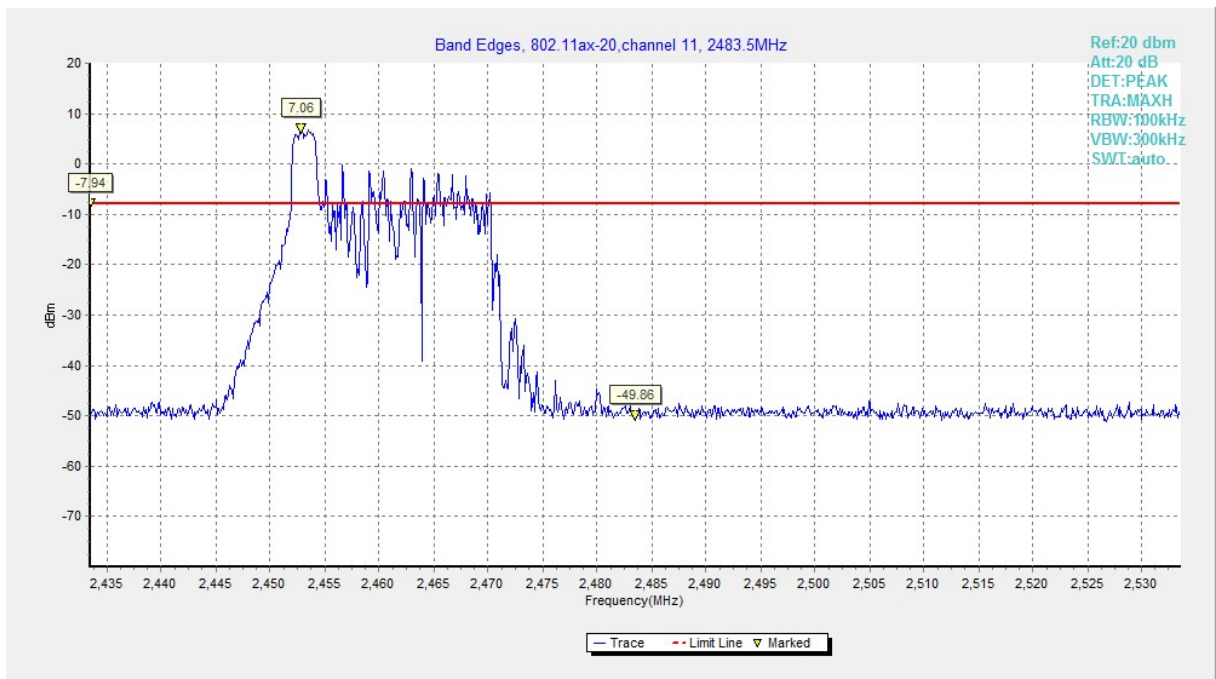


Fig.A.5.10 Band Edges (802.11ax-HE20 RU26-index0, Ch 11)

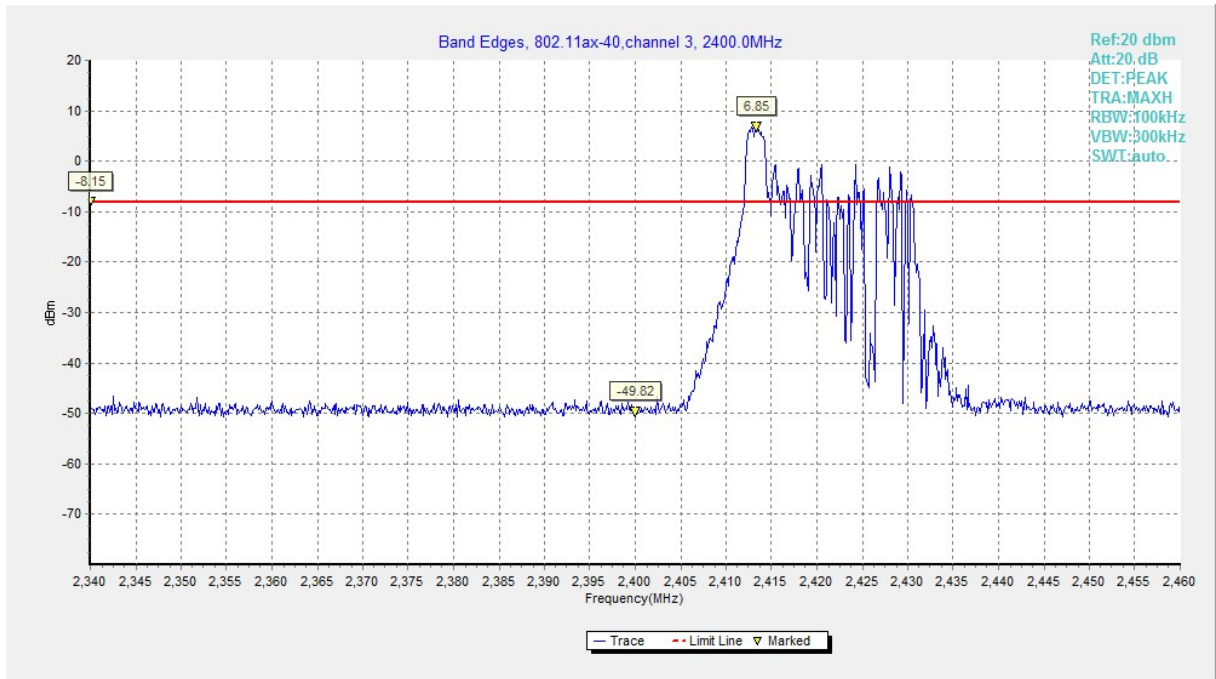


Fig.A.5.11 Band Edges (802.11ax-HE40 RU26-index0, Ch 3)

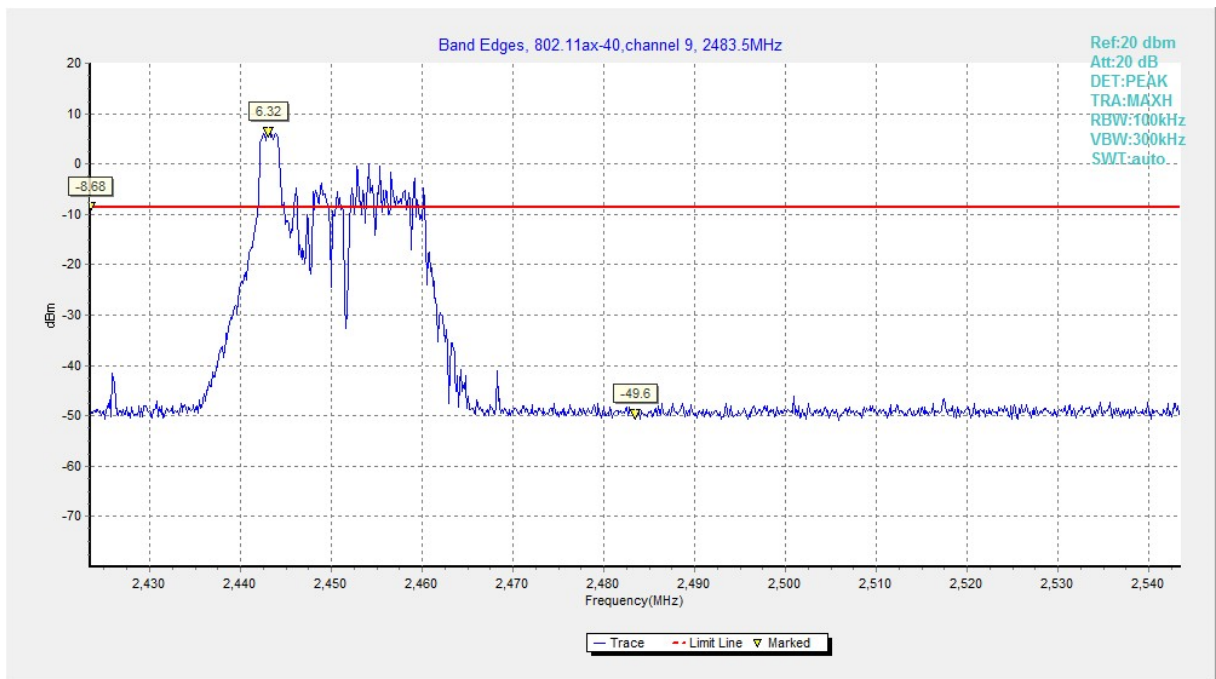


Fig.A.5.12 Band Edges (802.11ax-HE40 RU26-index0, Ch 9)

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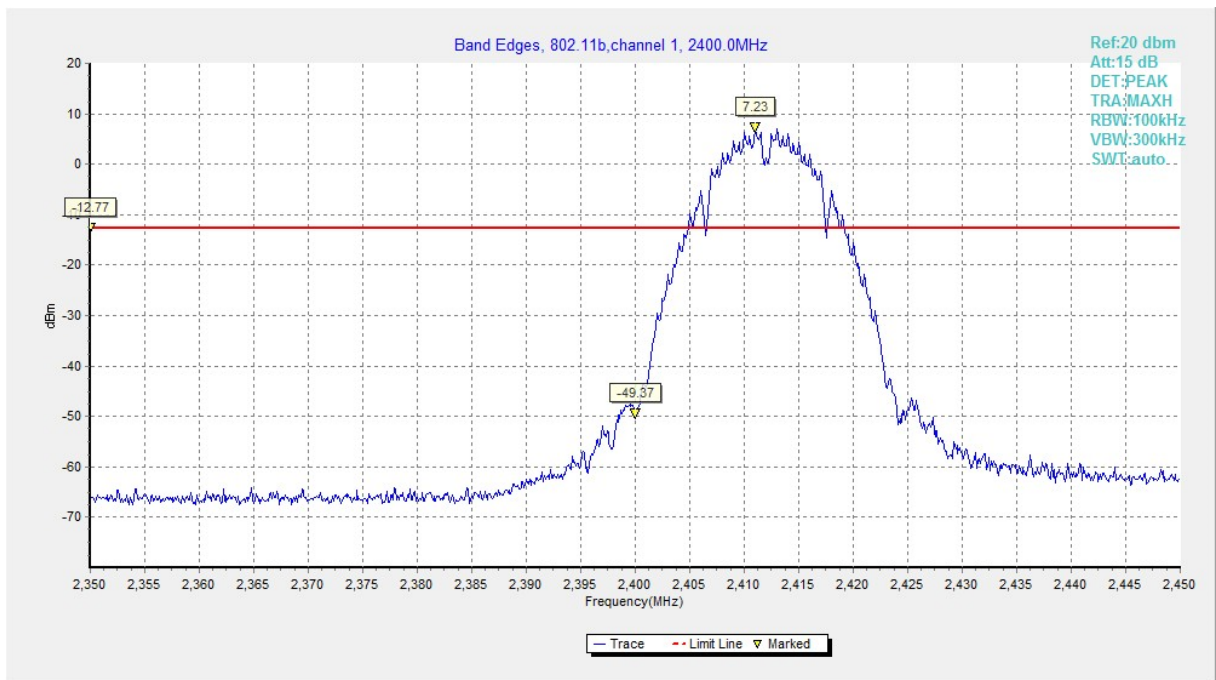


Fig.A.5.13 Band Edges (802.11b, Ch 1)

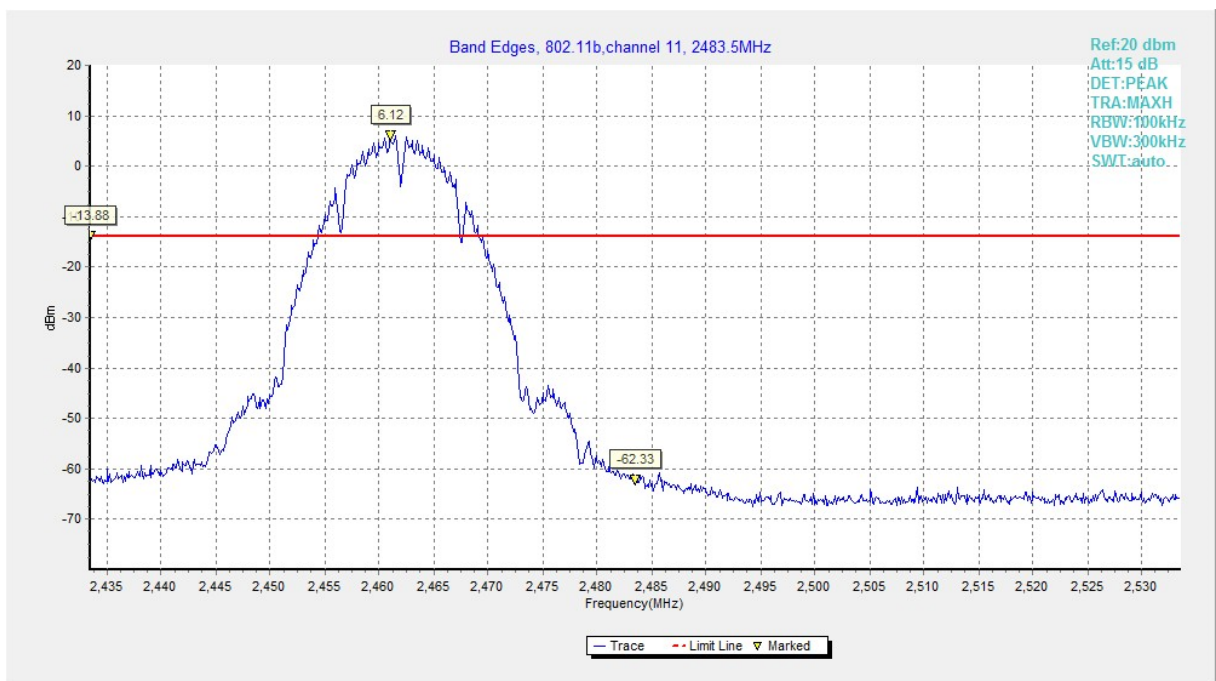


Fig.A.5.14 Band Edges (802.11b, Ch 11)

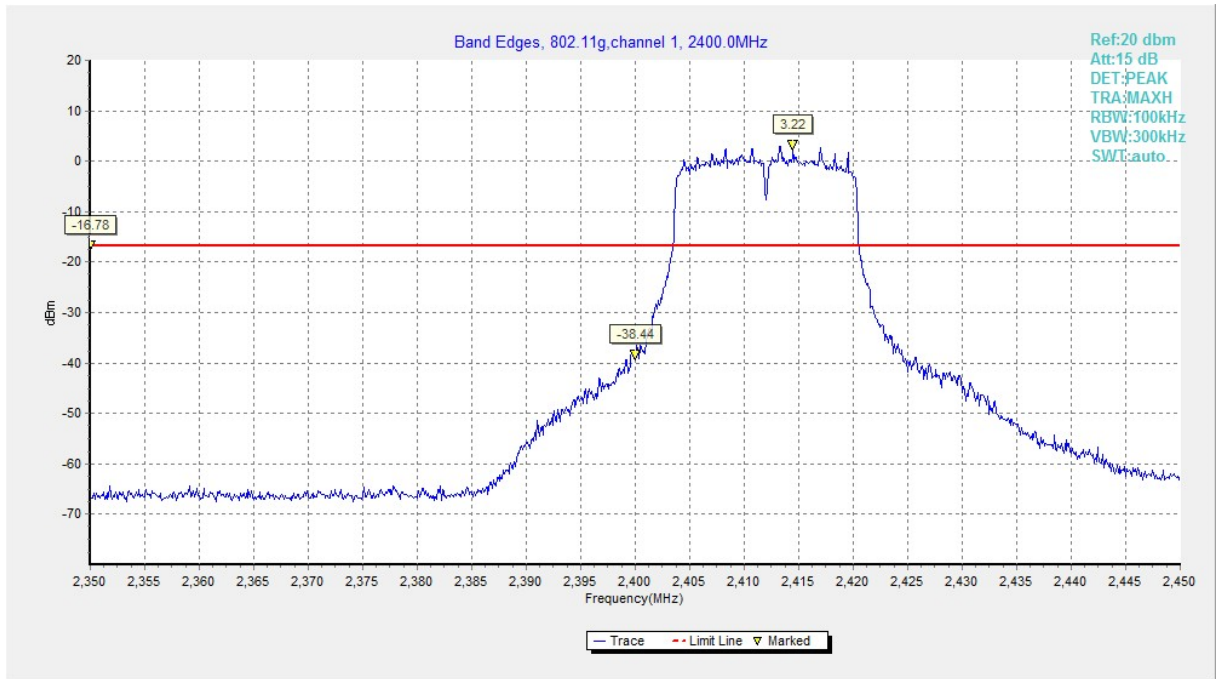


Fig.A.5.15 Band Edges (802.11g, Ch 1)

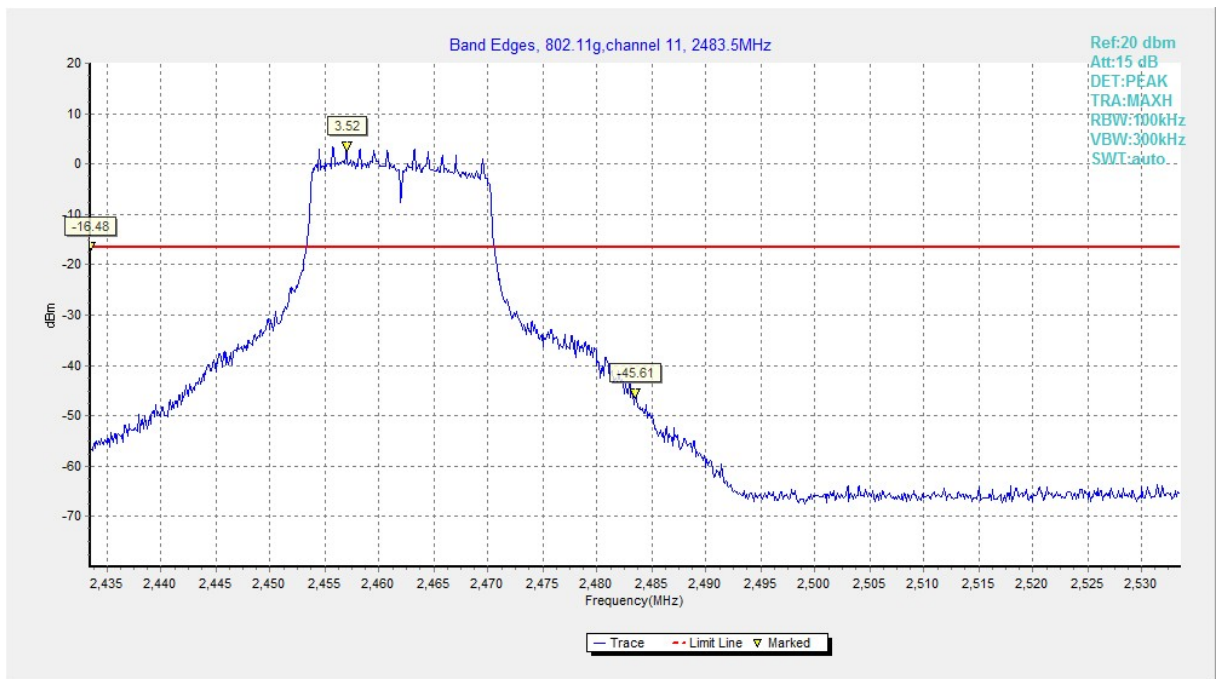


Fig.A.5.16 Band Edges (802.11g, Ch 11)

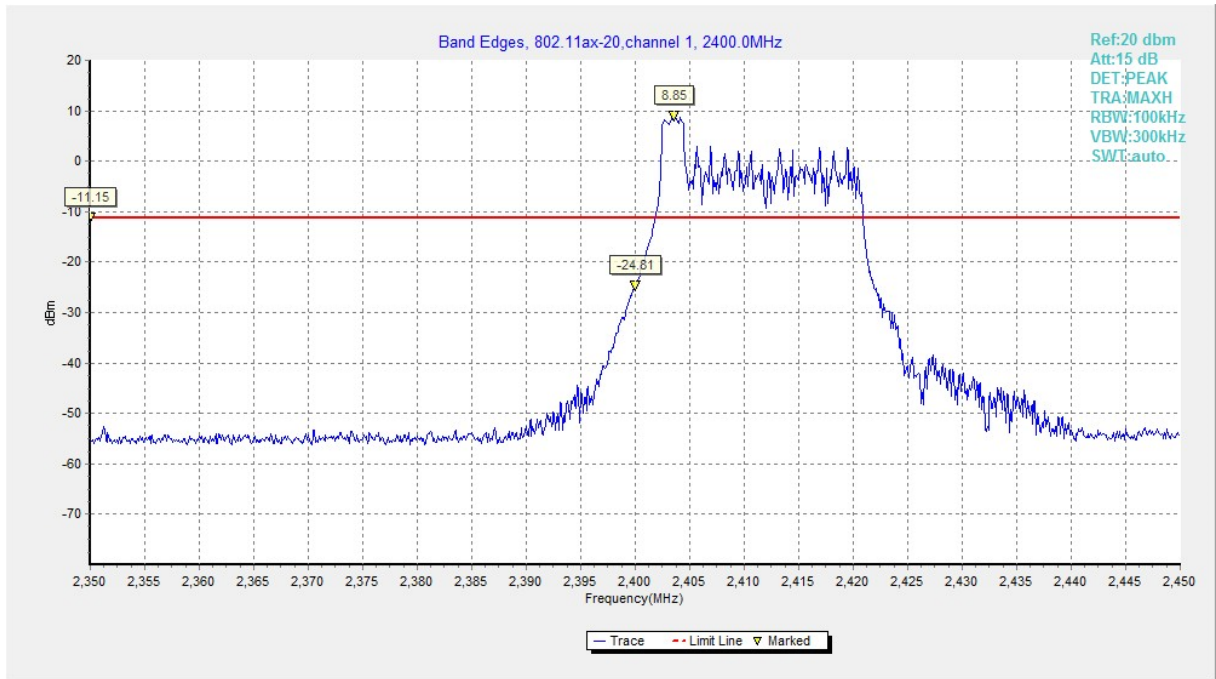


Fig.A.5.17 Band Edges (802.11ax-HE20 RU26-index0, Ch 1)

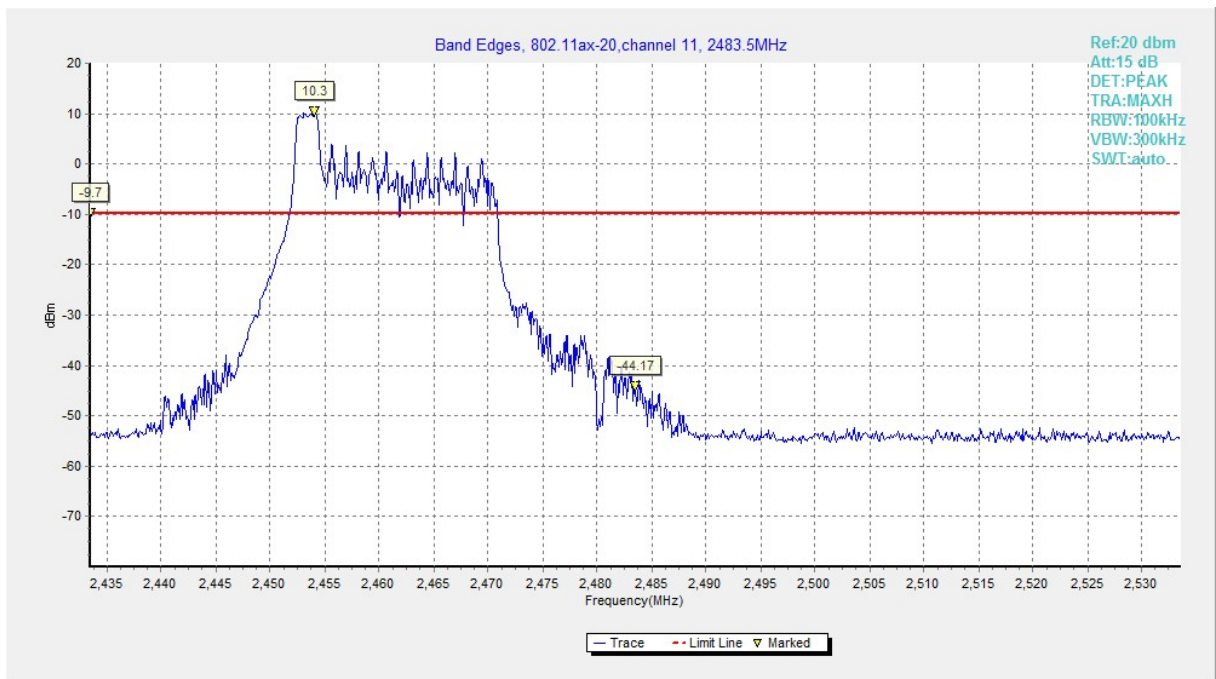


Fig.A.5.18 Band Edges (802.11ax-HE20 RU26-index0, Ch 11)