

Fig.A.4.5 Occupied 6dB Bandwidth (802.11g, Ch 6)

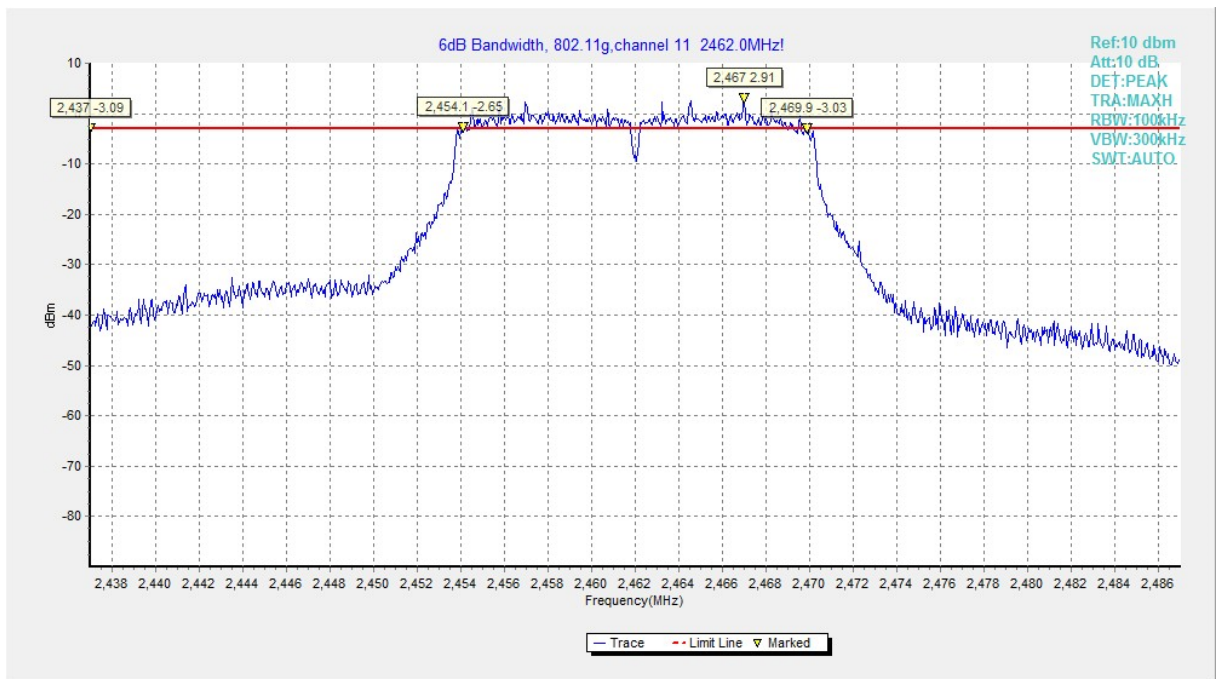
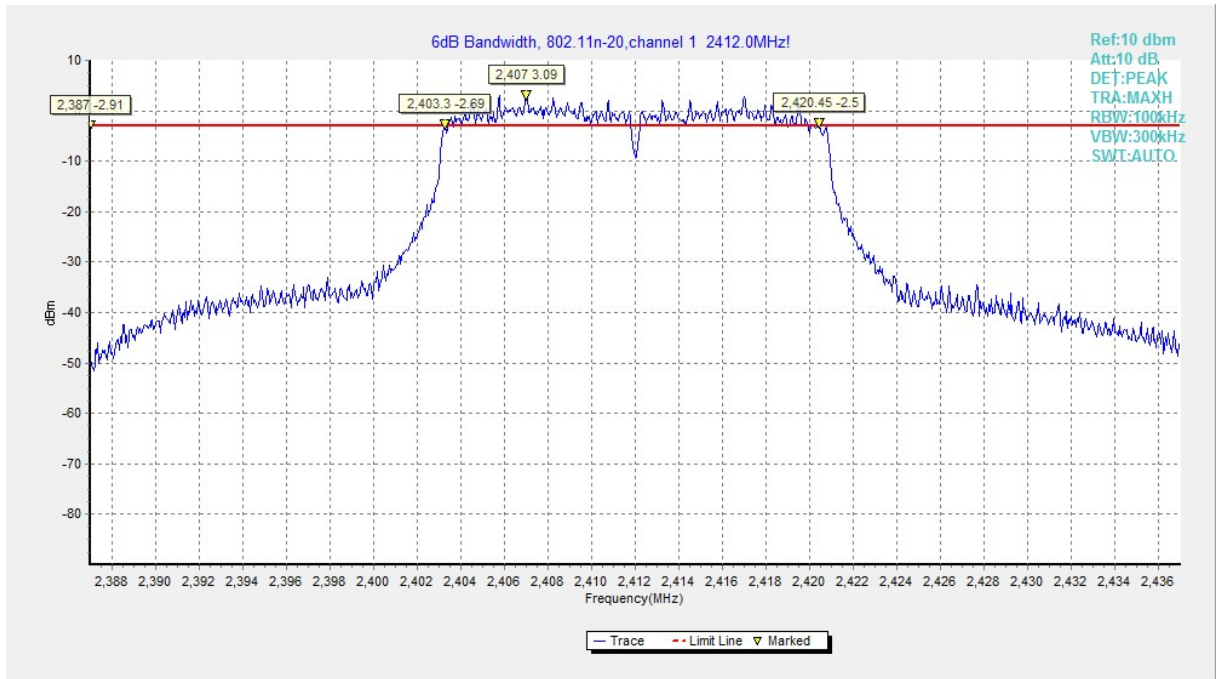
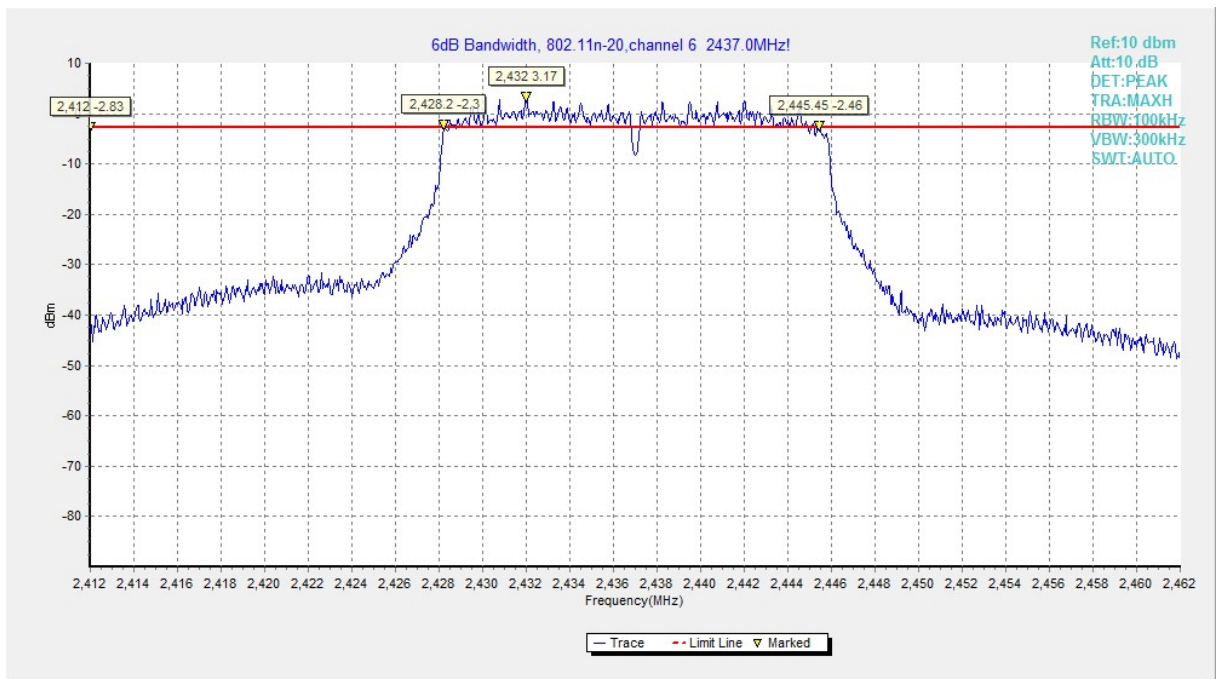


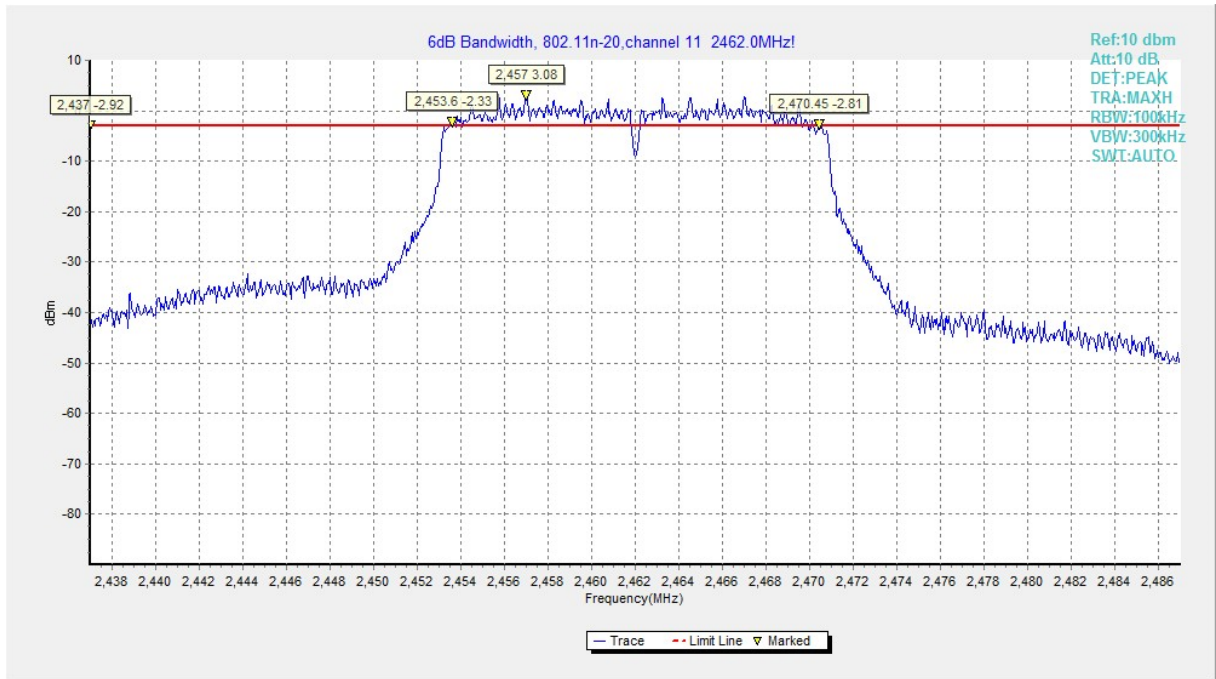
Fig.A.4.6 Occupied 6dB Bandwidth (802.11g, Ch 11)



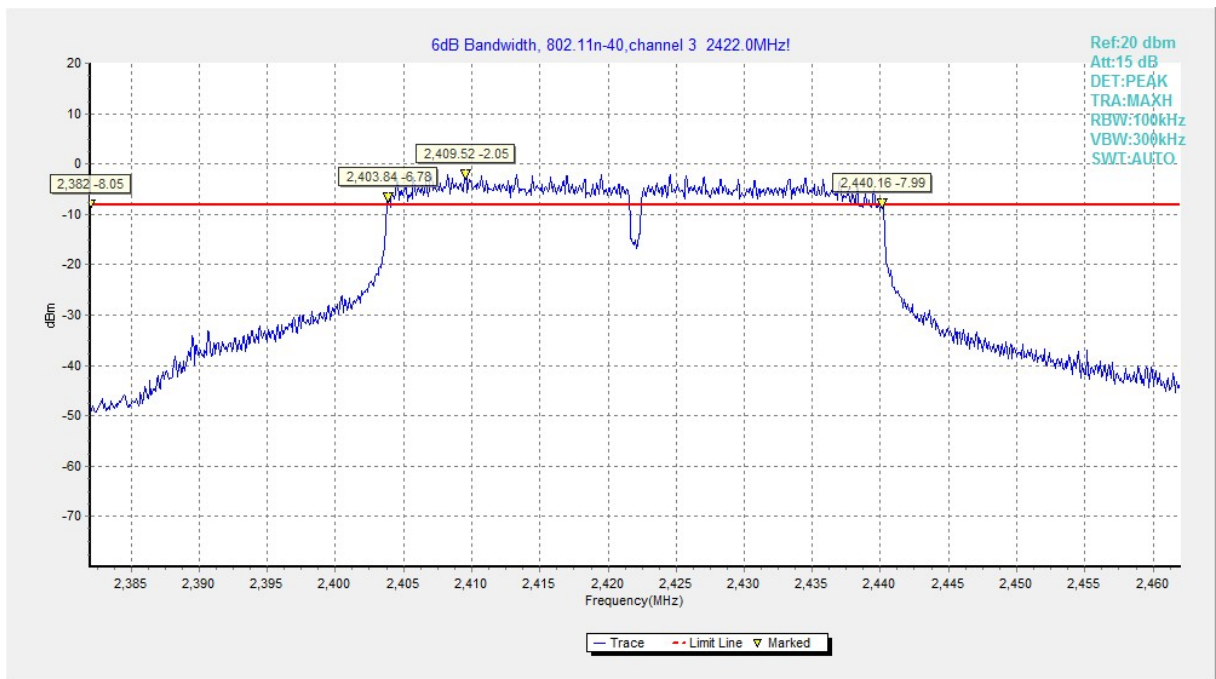
**Fig.A.4.7 Occupied 6dB Bandwidth (802.11n-20MHz, Ch 1)**



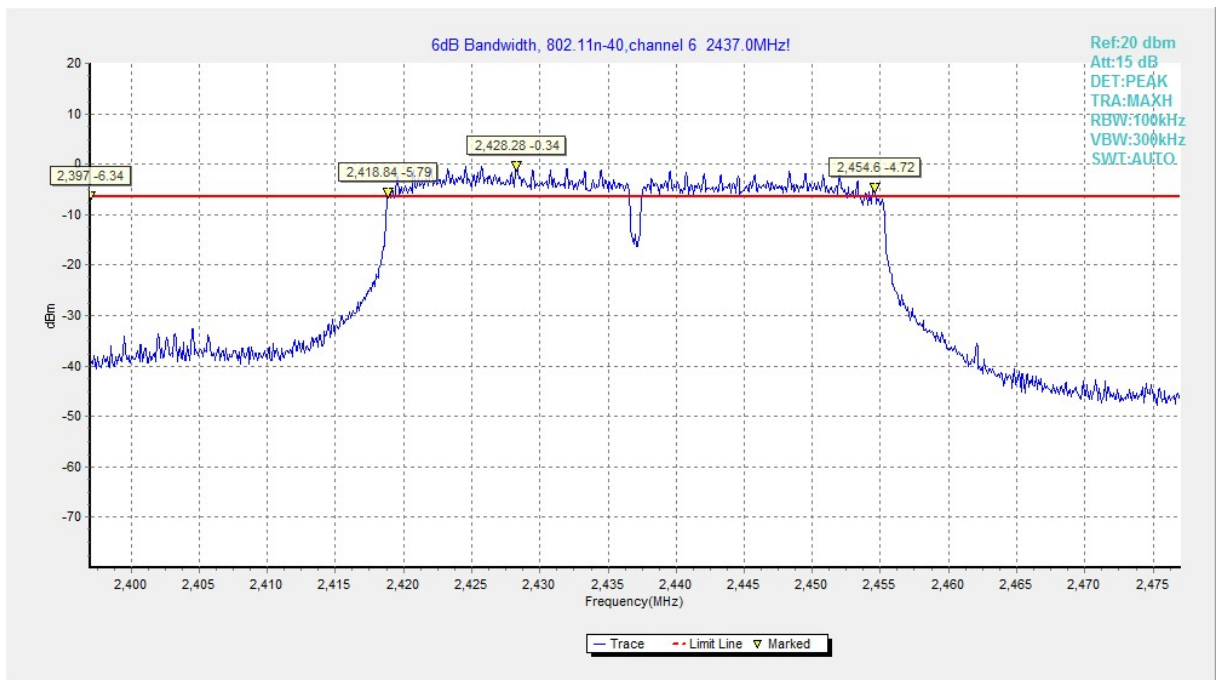
**Fig.A.4.8 Occupied 6dB Bandwidth (802.11n-HT20, Ch 6)**



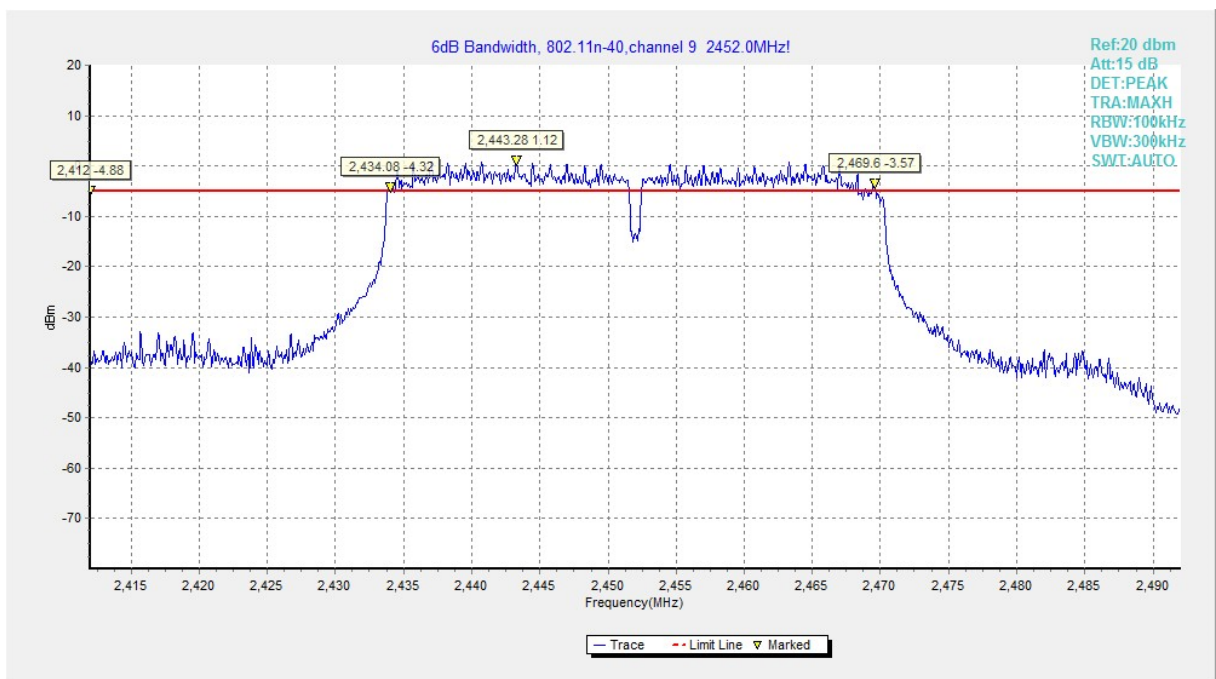
**Fig.A.4.9 Occupied 6dB Bandwidth (802.11n-HT20, Ch 11)**



**Fig.A.4.10 Occupied 6dB Bandwidth (802.11n-40MHz, Ch 3)**



**Fig.A.4.11 Occupied 6dB Bandwidth (802.11n-HT40, Ch 6)**



**Fig.A.4.12 Occupied 6dB Bandwidth (802.11n-HT40, 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: EUT2**

**Measurement Result:**

**802.11b/g mode**

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

**802.11n-HT20 mode**

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

**802.11n-HT40 mode**

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

**Conclusion: Pass**

**Test graphs as below:**



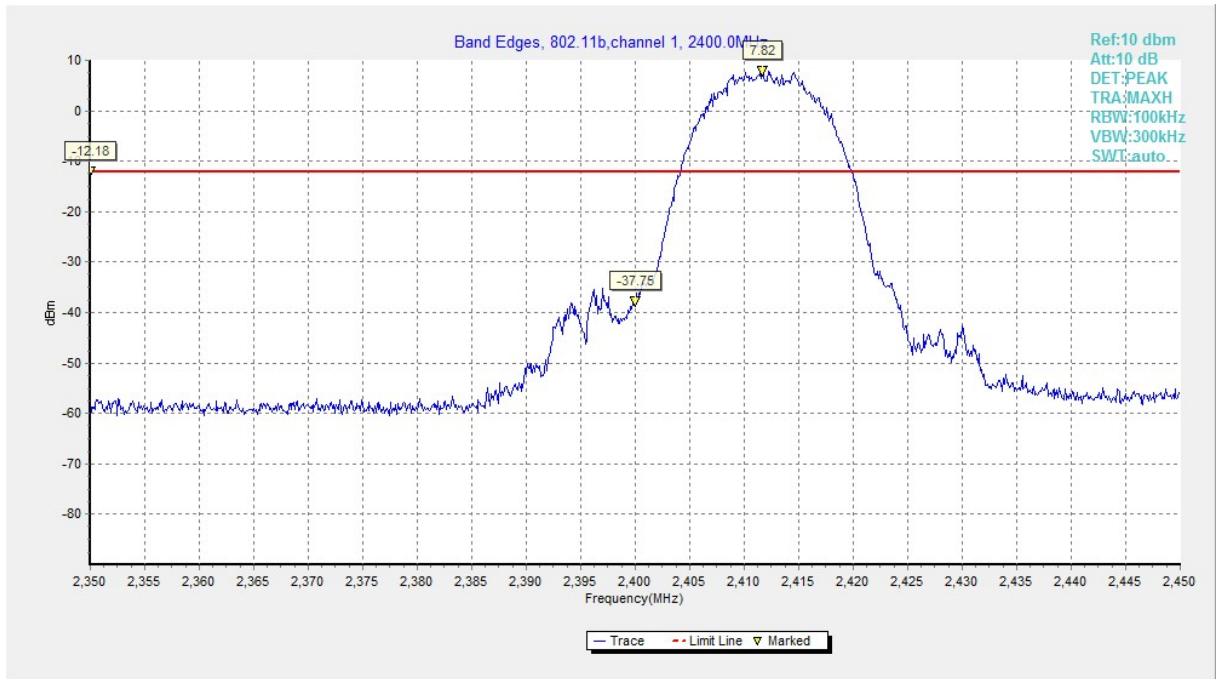


Fig.A.5.1 Band Edges (802.11b, Ch 1)

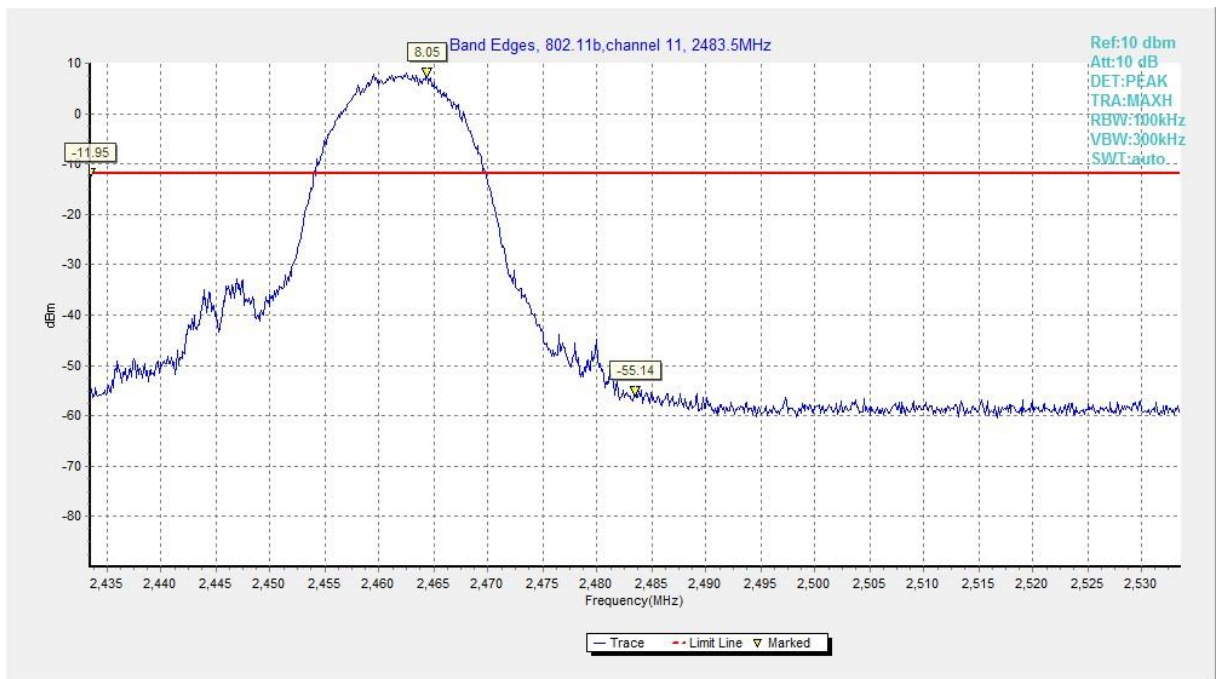


Fig.A.5.2 Band Edges (802.11b, Ch 11)

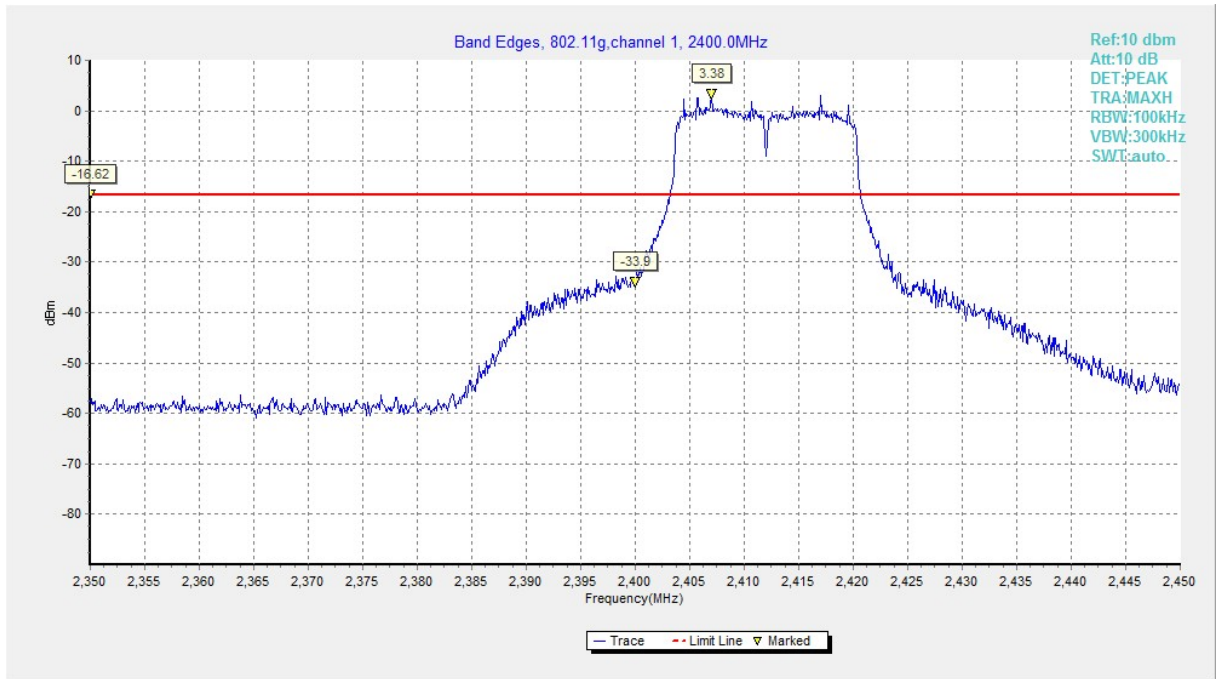


Fig.A.5.3 Band Edges (802.11g, Ch 1)

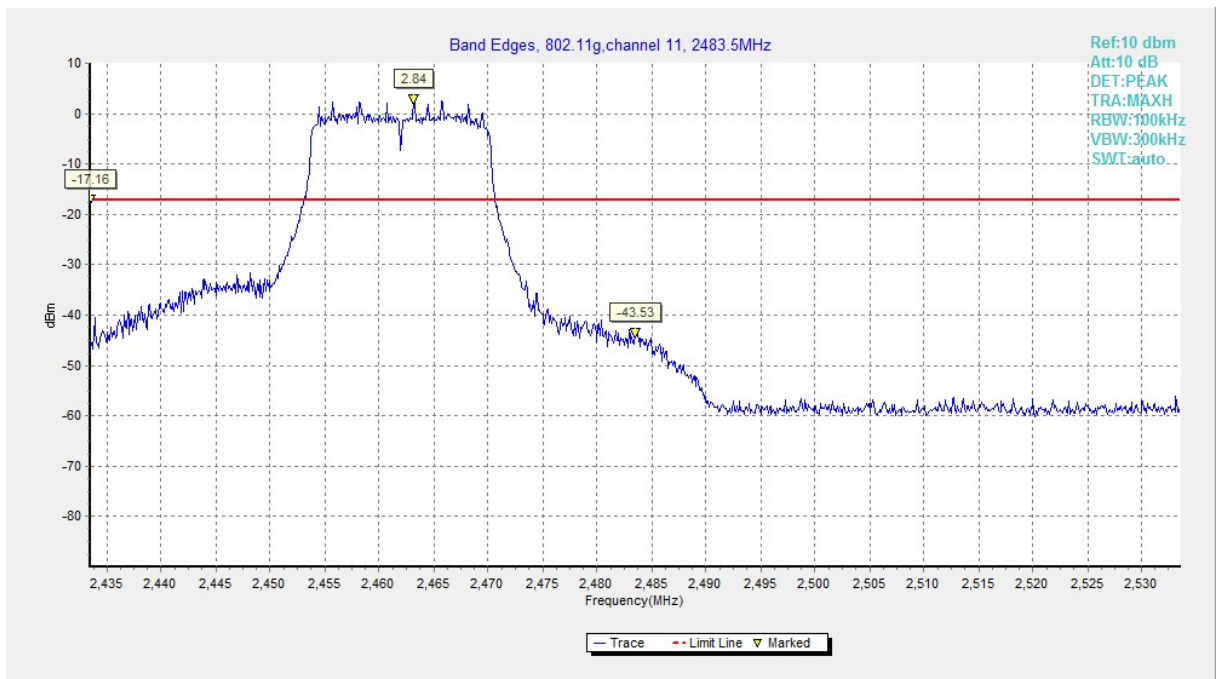
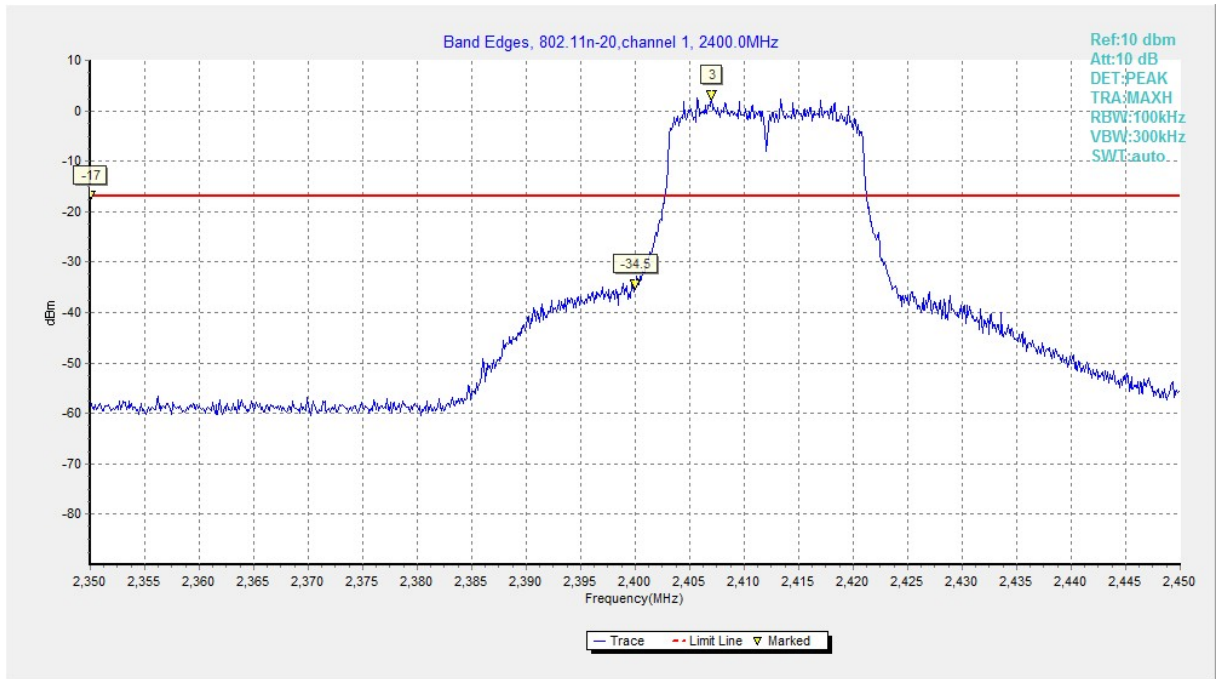
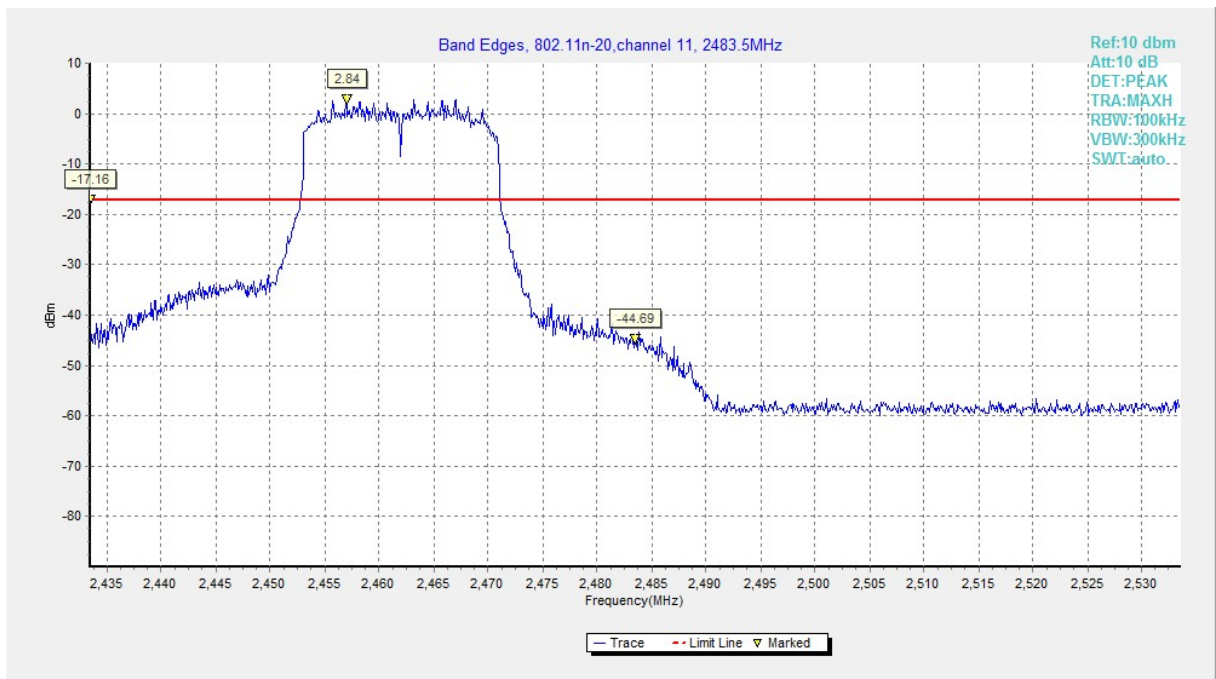


Fig.A.5.4 Band Edges (802.11g, Ch 11)

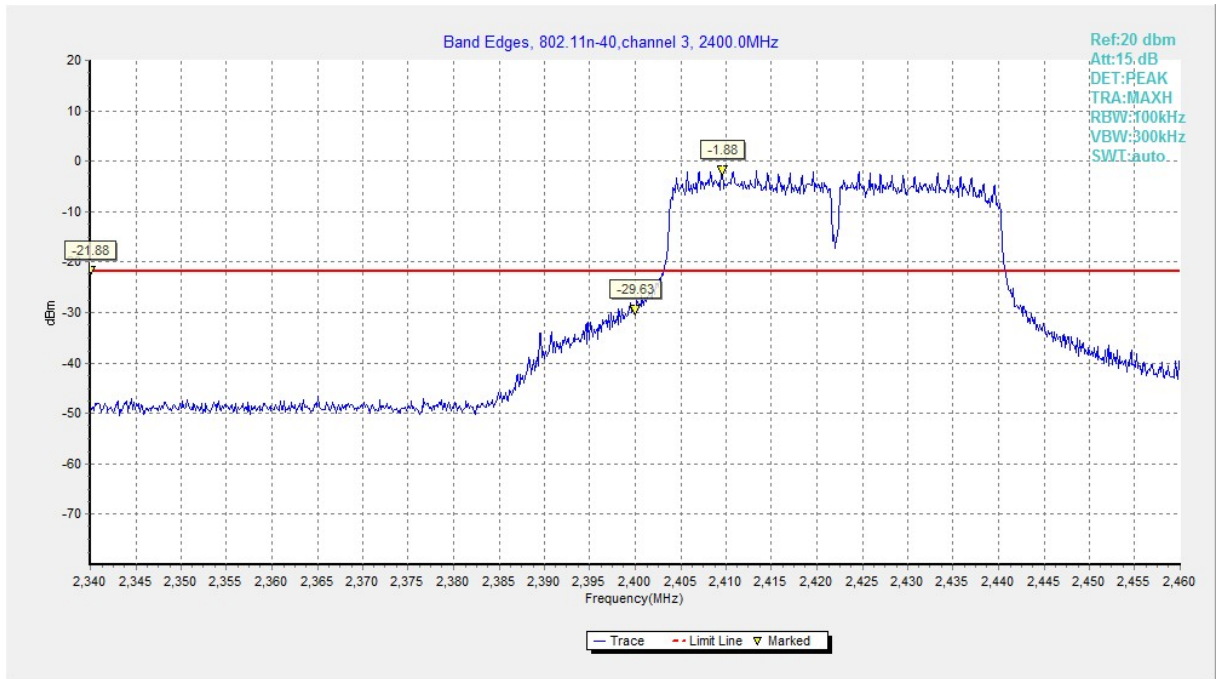


**Fig.A.5.5 Band Edges (802.11n-HT20, Ch 1)**

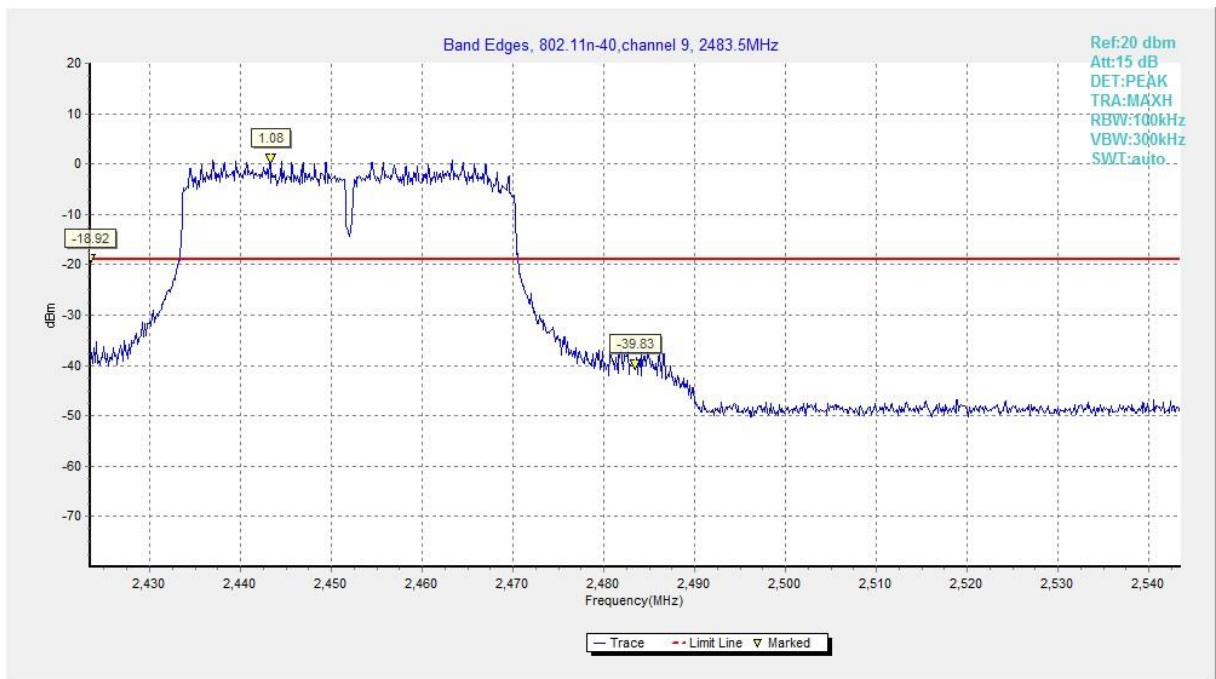


**Fig.A.5.6 Band Edges (802.11n-HT20, Ch 11)**





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



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