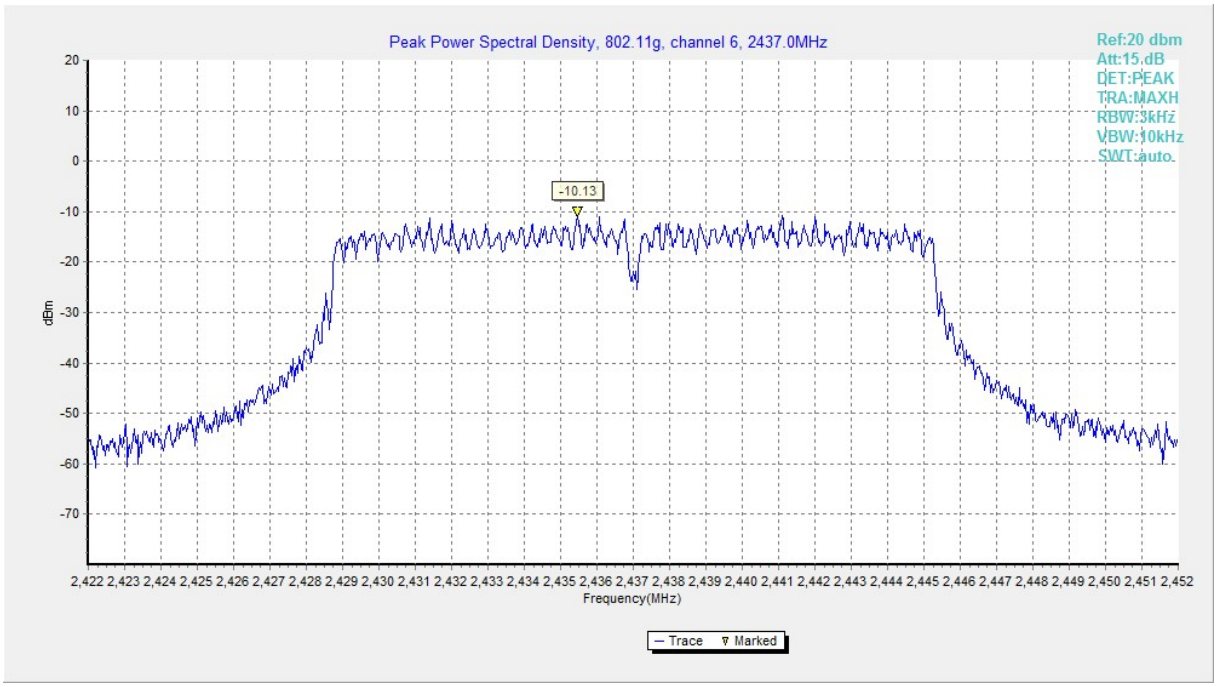

Fig.A.3.23 Power Spectral Density (802.11g, Ch 6)

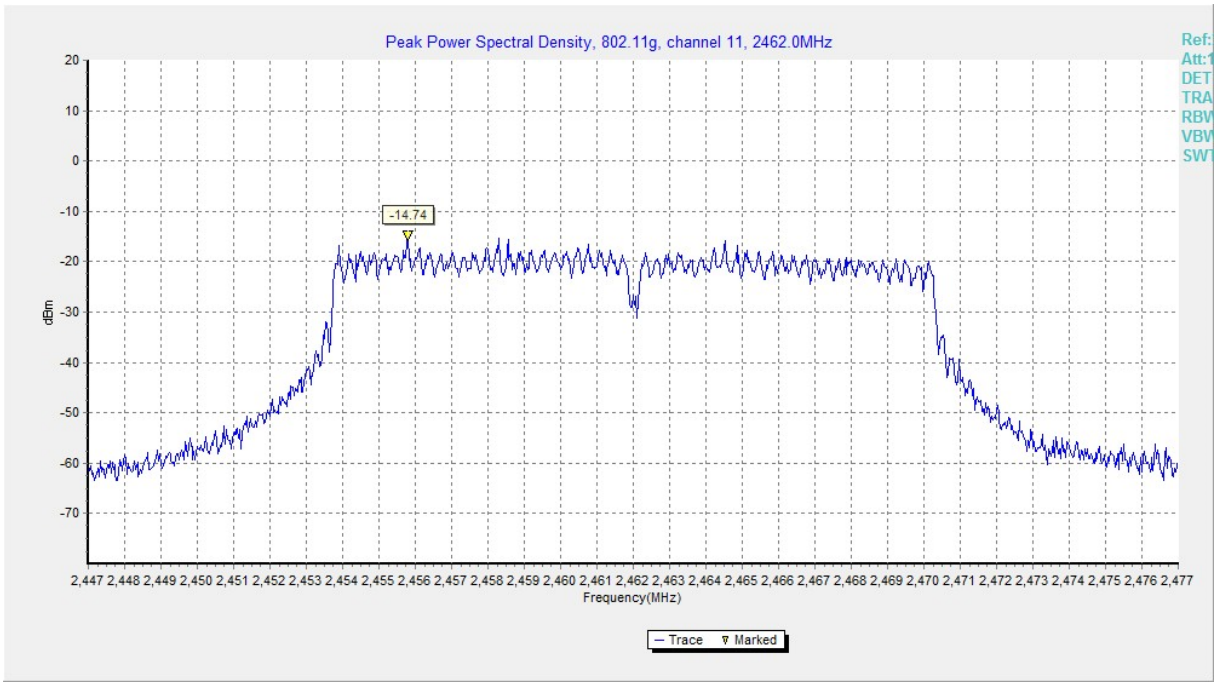

Fig.A.3.24 Power Spectral Density (802.11g, Ch 11)

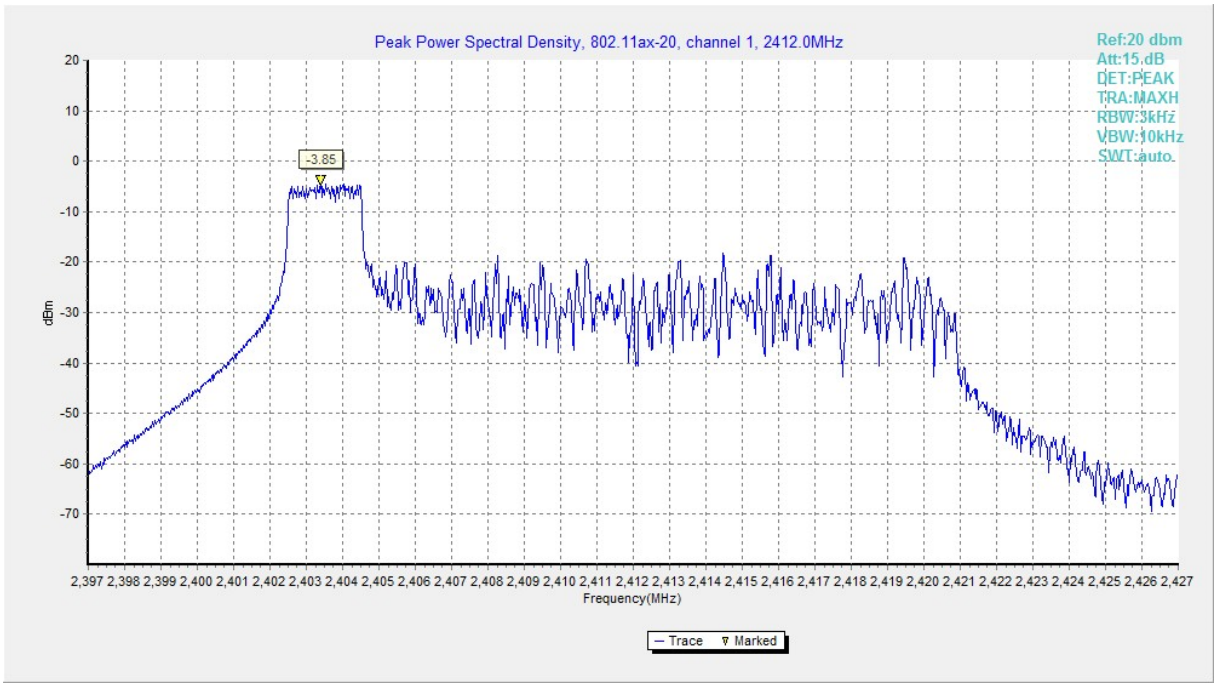

Fig.A.3.25 Power Spectral Density (802.11ax-HE20 RU26-index0, Ch 1)

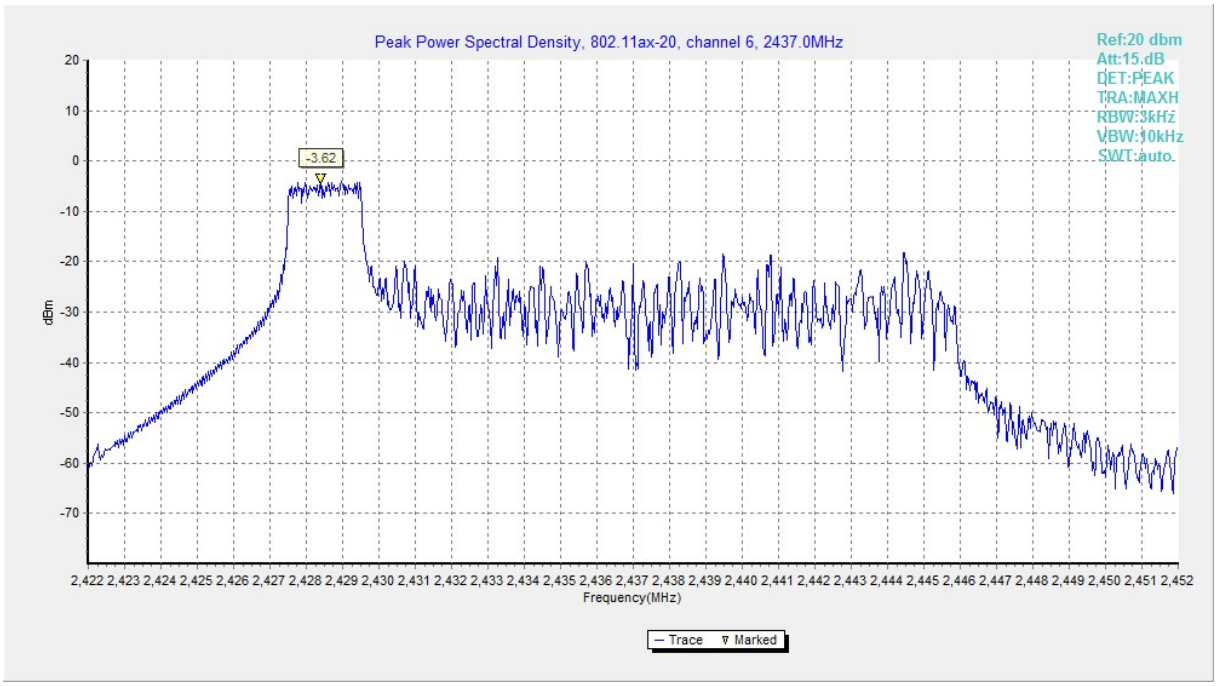

Fig.A.3.26 Power Spectral Density (802.11ax-HE20 RU26-index0, Ch 6)

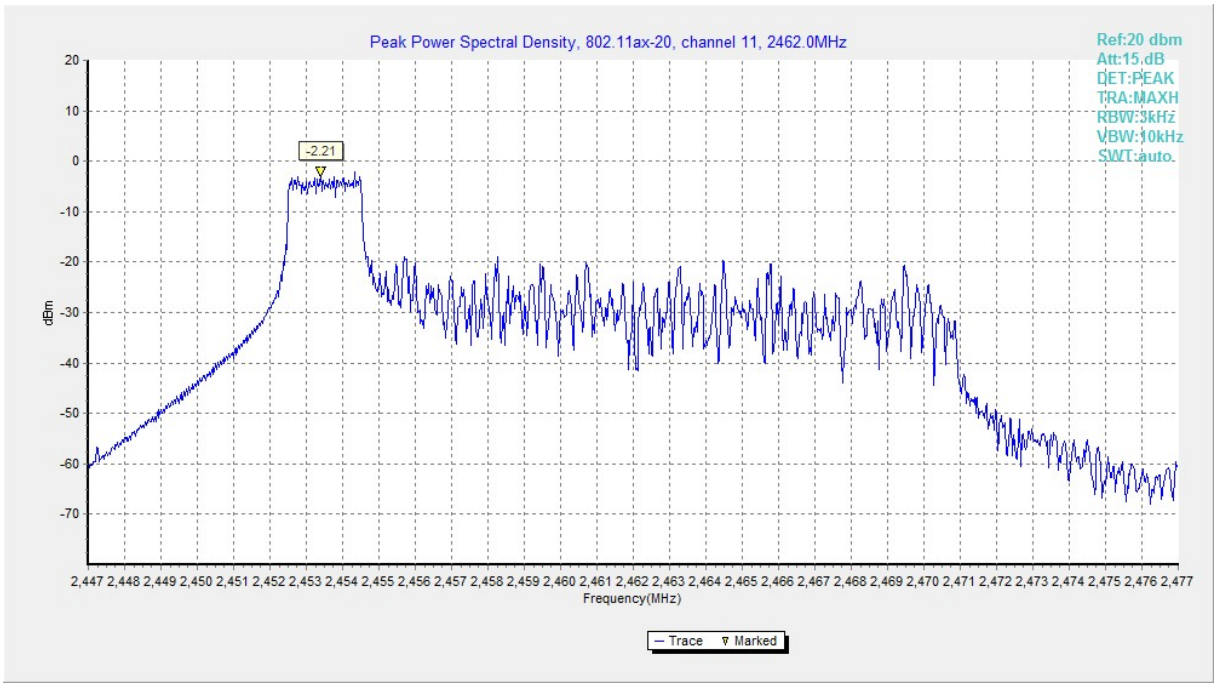

Fig.A.3.27 Power Spectral Density (802.11ax-HE20 RU26-index0, Ch 11)

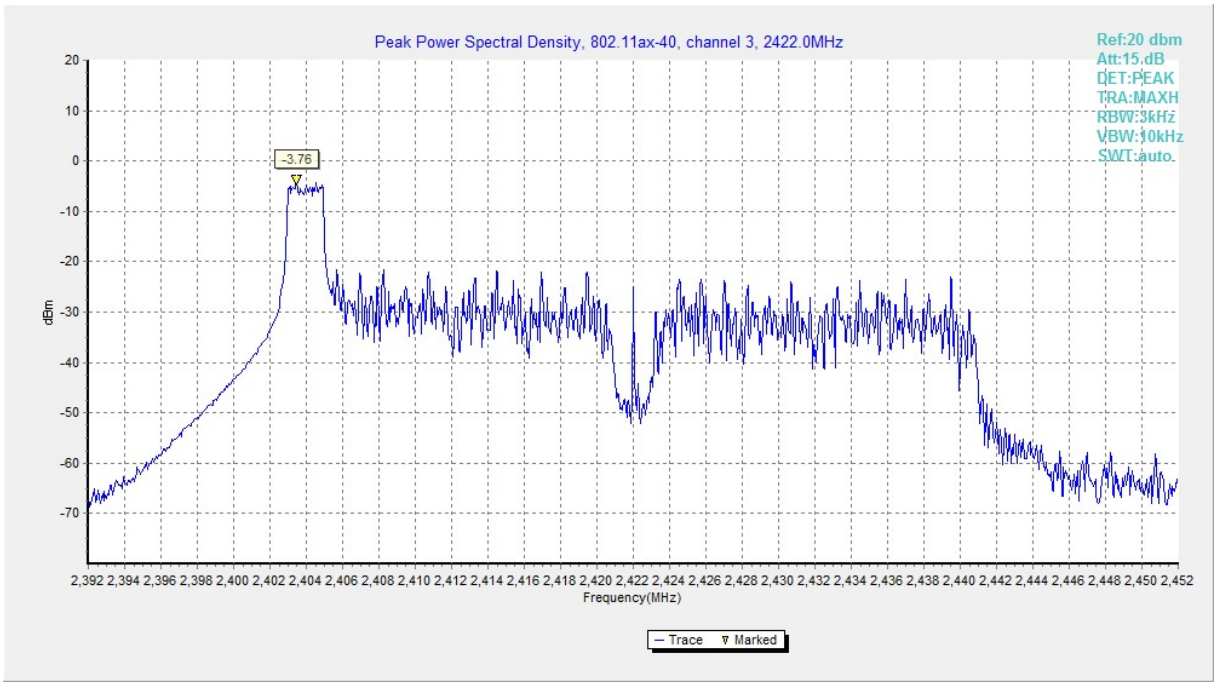

Fig.A.3.28 Power Spectral Density (802.11ax-HE40 RU26-index0, Ch 3)

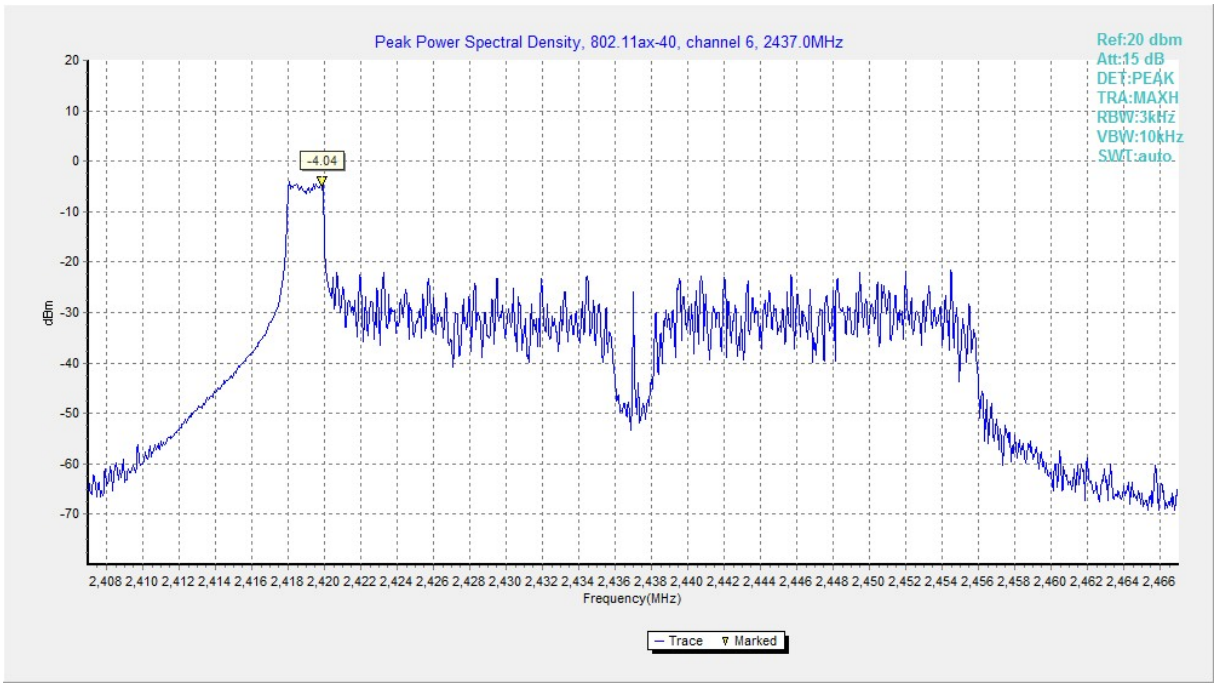

Fig.A.3.29 Power Spectral Density (802.11ax-HE40 RU26-index0, Ch 6)

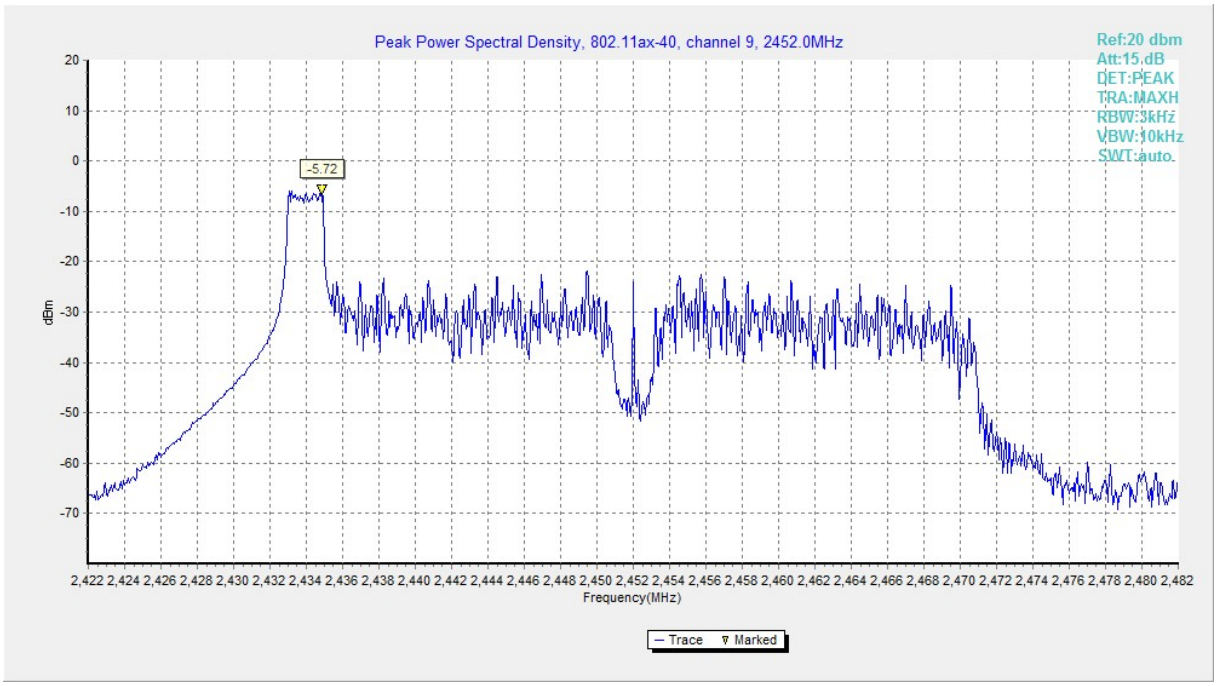

Fig.A.3.30 Power Spectral Density (802.11ax-HE40 RU26-index0, Ch 9)

MIMO-Ant5

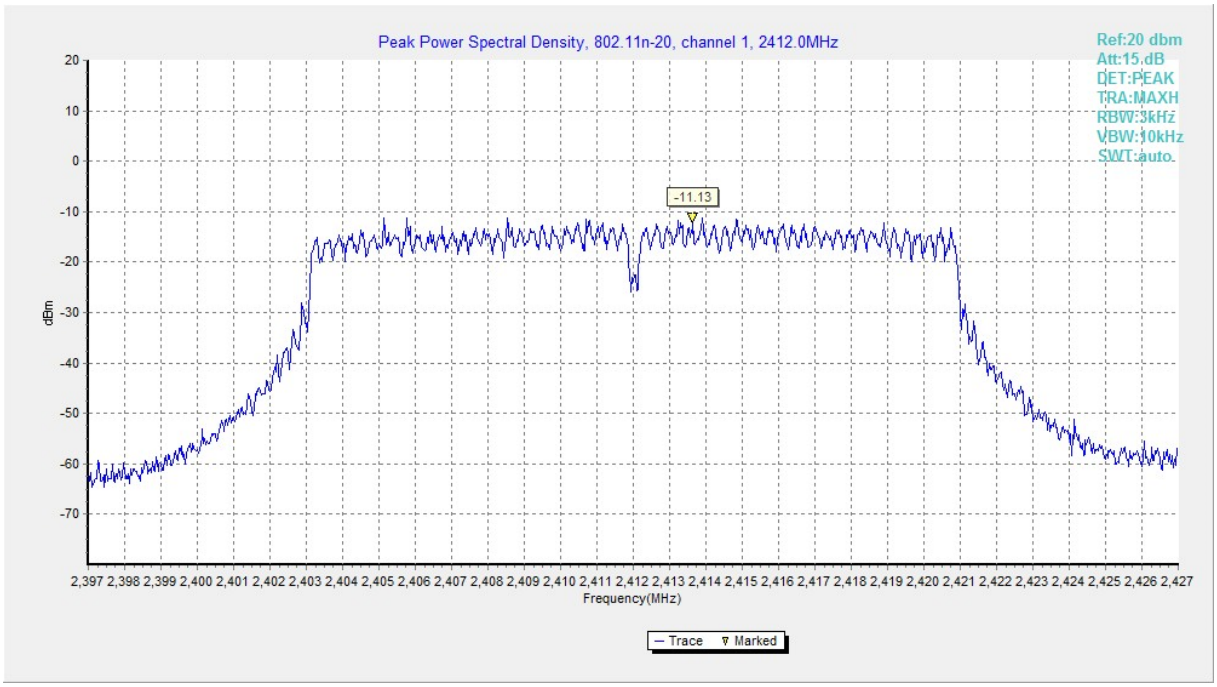

Fig.A.3.31 Power Spectral Density (802.11n-HT20, Ch 1)

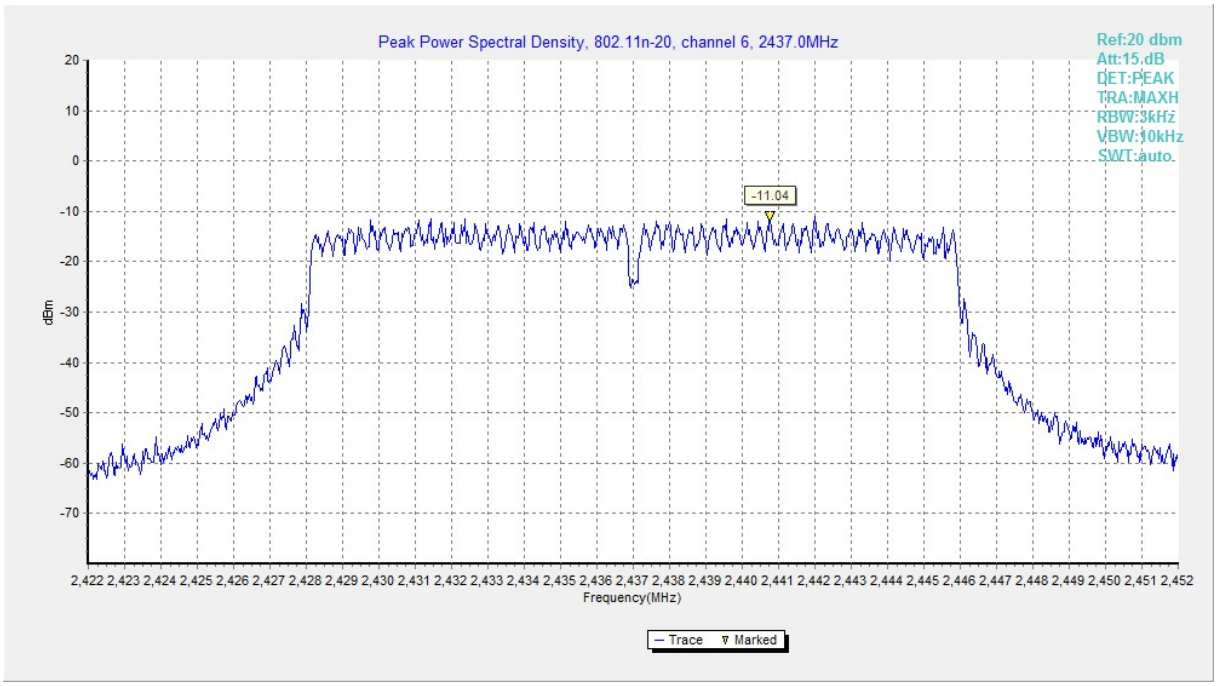

Fig.A.3.32 Power Spectral Density (802.11n-HT20, Ch 6)

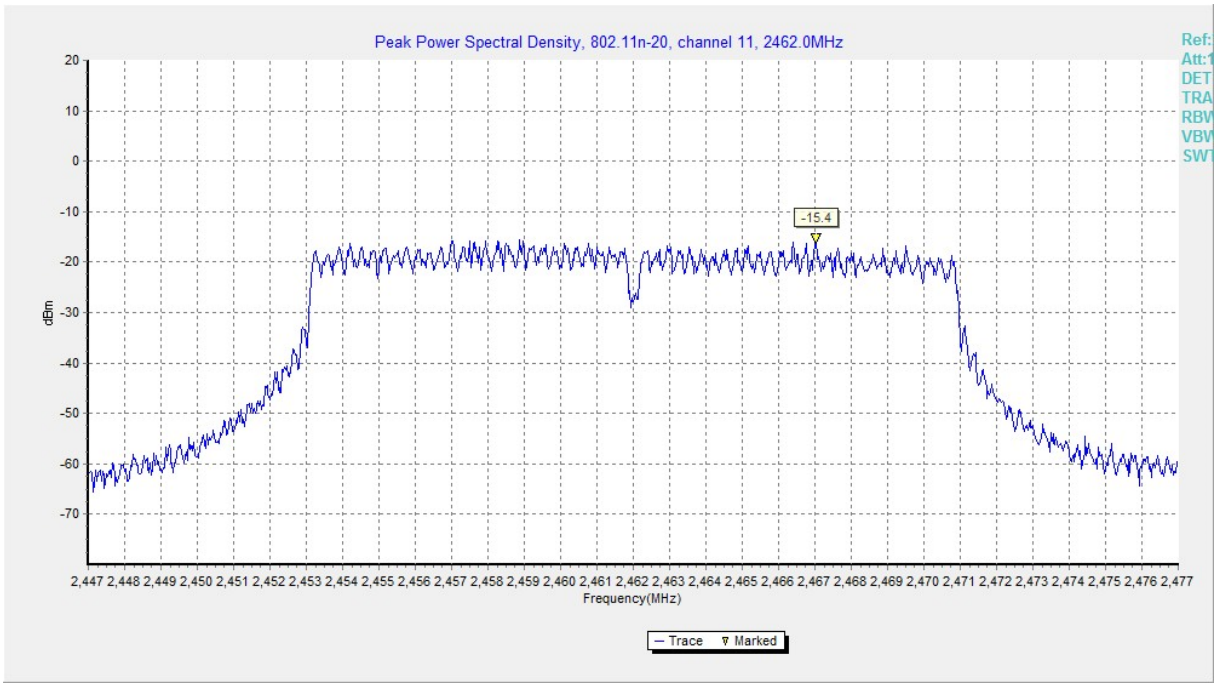

Fig.A.3.33 Power Spectral Density (802.11n-HT20, Ch 11)

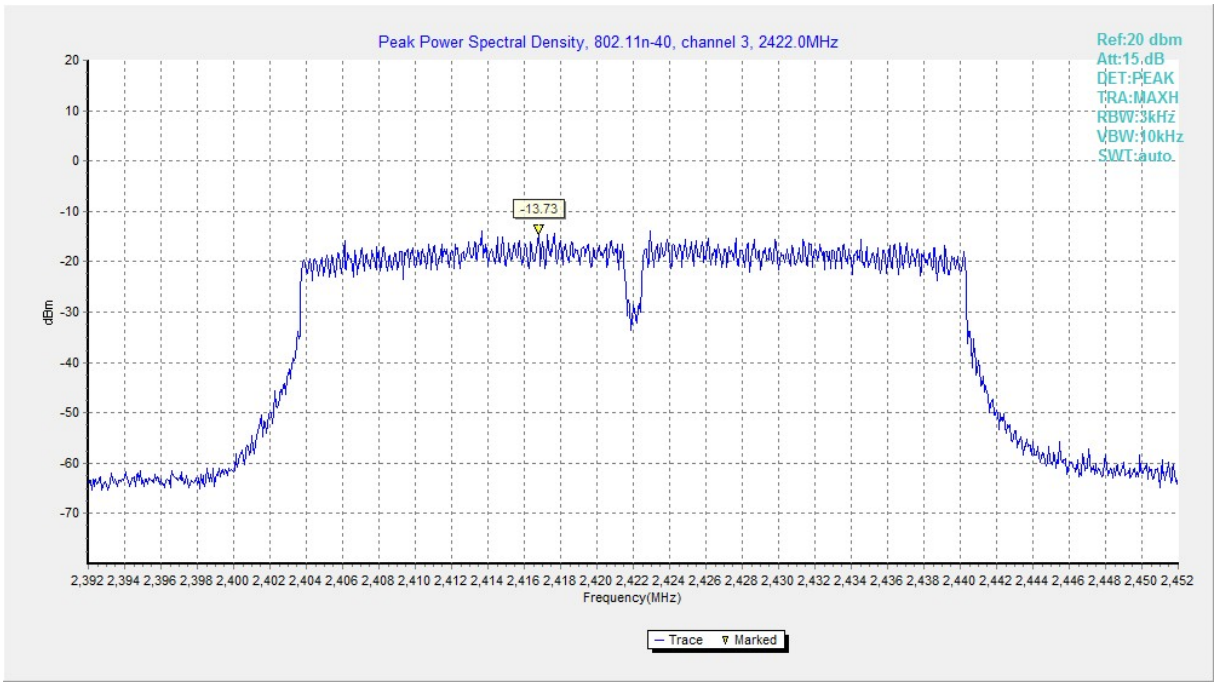

Fig.A.3.34 Power Spectral Density (802.11n-HT40, Ch 3)

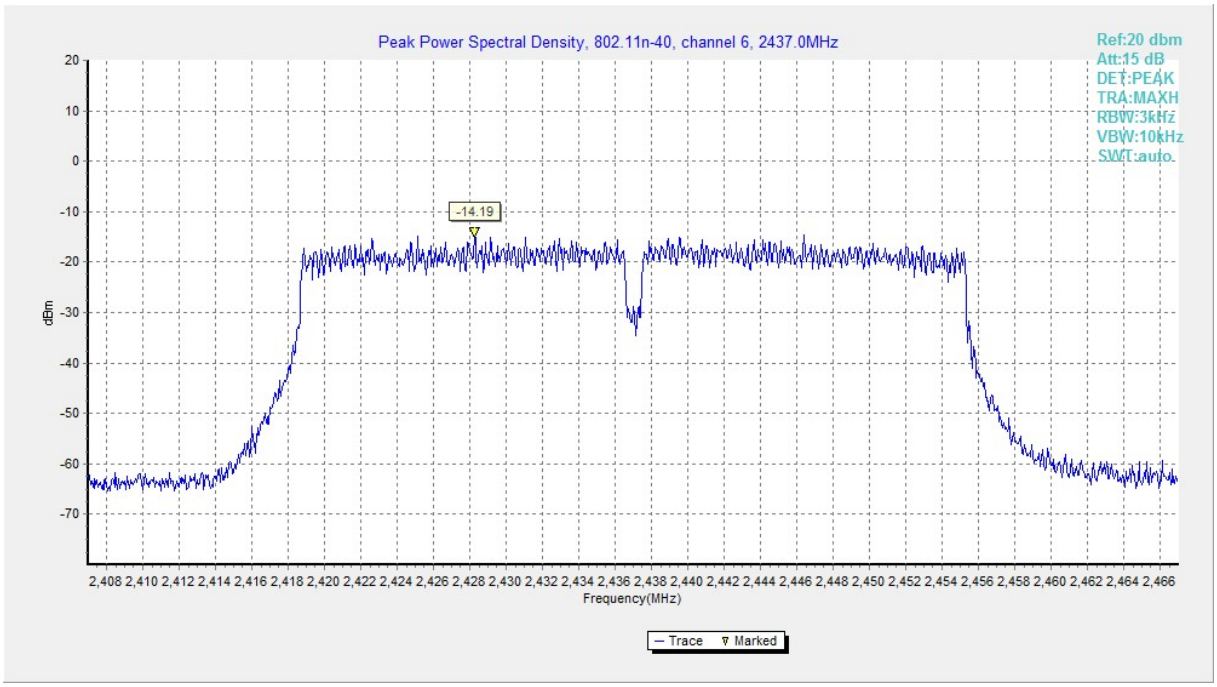

Fig.A.3.35 Power Spectral Density (802.11n-HT40, Ch 6)

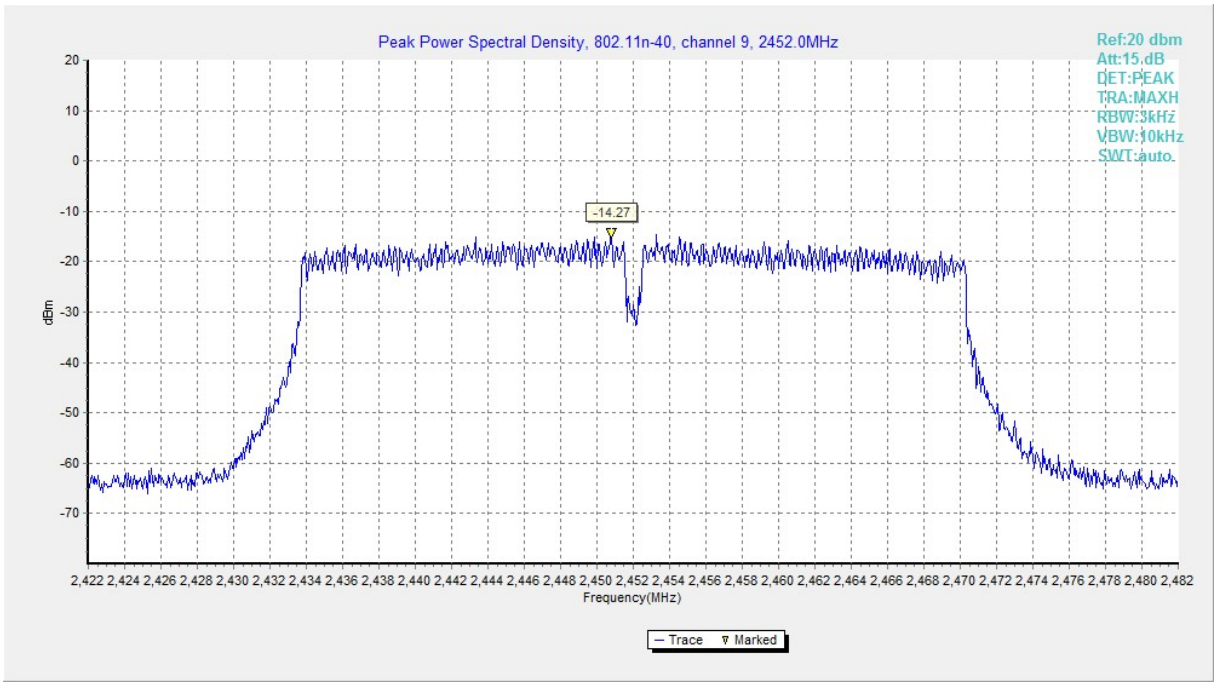

Fig.A.3.36 Power Spectral Density (802.11n-HT40, Ch 9)

A.4. DTS 6-dB Signal Bandwidth

Method of Measurement: See ANSI C63.10-2013 section 11.8.1.

a) Set RBW = 100 kHz.
b) Set the video bandwidth (VBW) = 300 kHz.
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Measurement Limit:

Standard	Limit (kHz)
FCC 47 CFR Part 15.247 (a)	≥ 500

EUT ID: UT10a

Measurement Result:

802.11b/g mode

Mode	Channel	Occupied 6dB Bandwidth (MHz)		conclusion
802.11b	1	Fig.A.4.1	8.05	P
	6	Fig.A.4.2	8.55	P
	11	Fig.A.4.3	8.05	P
802.11g	1	Fig.A.4.4	16.00	P
	6	Fig.A.4.5	15.95	P
	11	Fig.A.4.6	15.75	P

802.11n-HT20 mode

Mode	Channel	Occupied 6dB Bandwidth (MHz)		conclusion
802.11n (HT20)	1	Fig.A.4.7	16.35	P
	6	Fig.A.4.8	16.65	P
	11	Fig.A.4.9	16.35	P

802.11n-HT40 mode

Mode	Channel	Occupied 6dB Bandwidth (MHz)		conclusion
802.11n (HT40)	3	Fig.A.4.10	35.28	P
	6	Fig.A.4.11	35.20	P
	9	Fig.A.4.12	35.12	P

802.11ax-HE20 mode

Mode	Channel	Occupied 6dB Bandwidth (MHz)		conclusion
802.11ax (HE20)	1	Fig.A.4.13	18.95	P
	6	Fig.A.4.14	19.05	P
	11	Fig.A.4.15	19.00	P

802.11ax-HE40 mode

Mode	Channel	Occupied 6dB Bandwidth (MHz)		conclusion
802.11ax (HE40)	3	Fig.A.4.16	38.08	P
	6	Fig.A.4.17	38.16	P
	9	Fig.A.4.18	37.84	P

Conclusion: Pass

Test graphs as below:

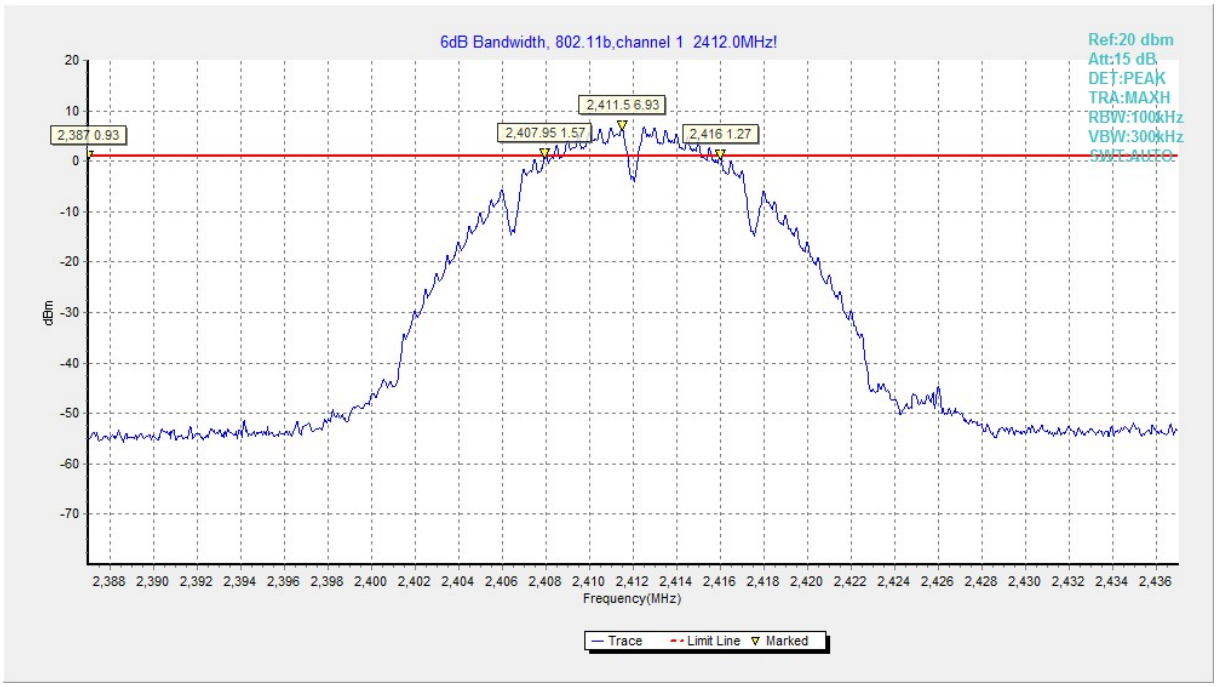

Fig.A.4.1 Occupied 6dB Bandwidth(802.11b,Ch 1)

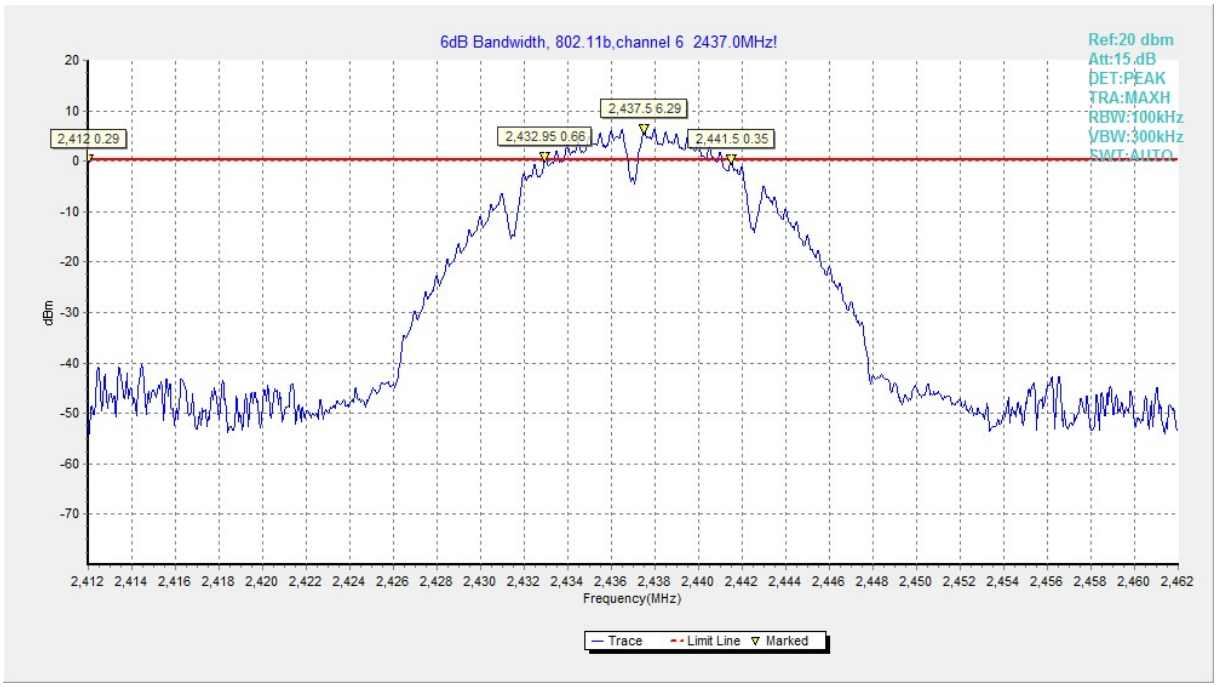

Fig.A.4.2 Occupied 6dB Bandwidth (802.11b, Ch 6)

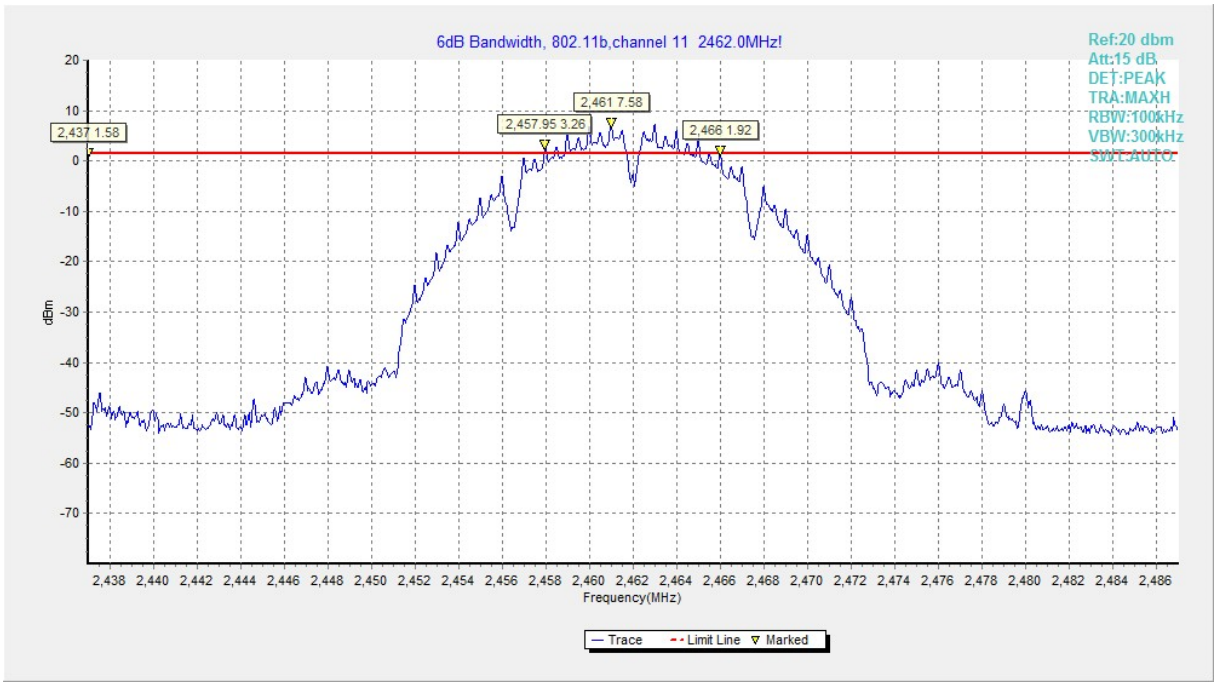

Fig.A.4.3 Occupied 6dB Bandwidth (802.11b, Ch 11)

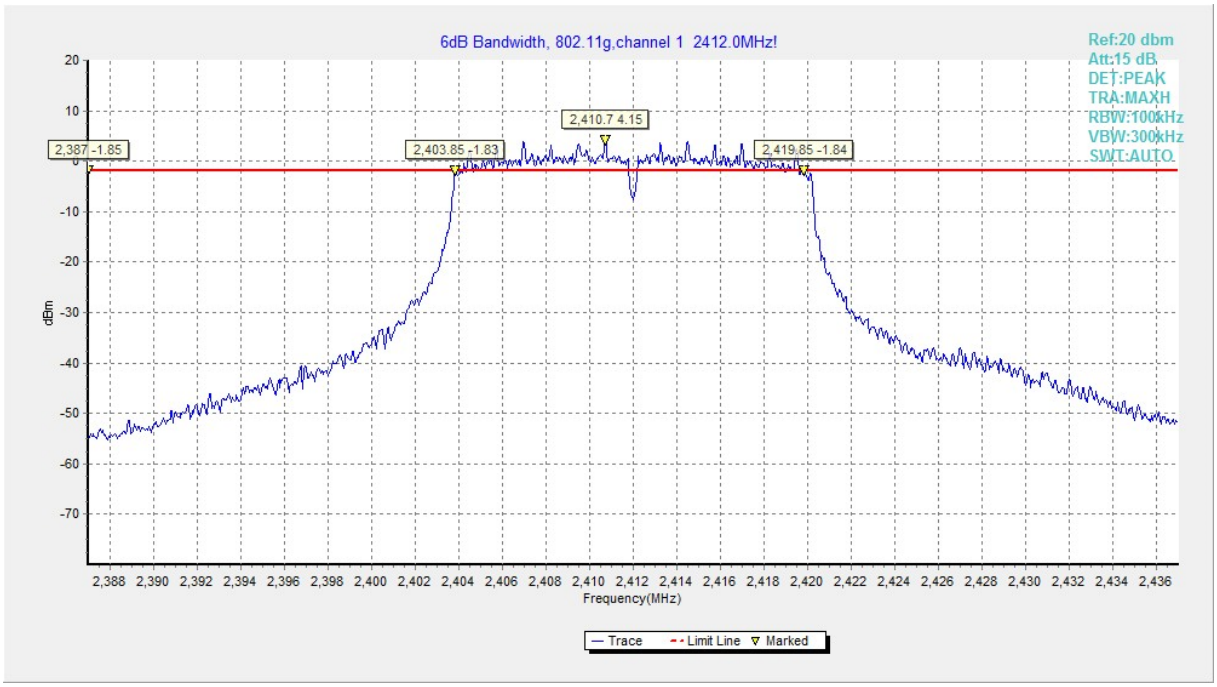

Fig.A.4.4 Occupied 6dB Bandwidth (802.11g, Ch 1)

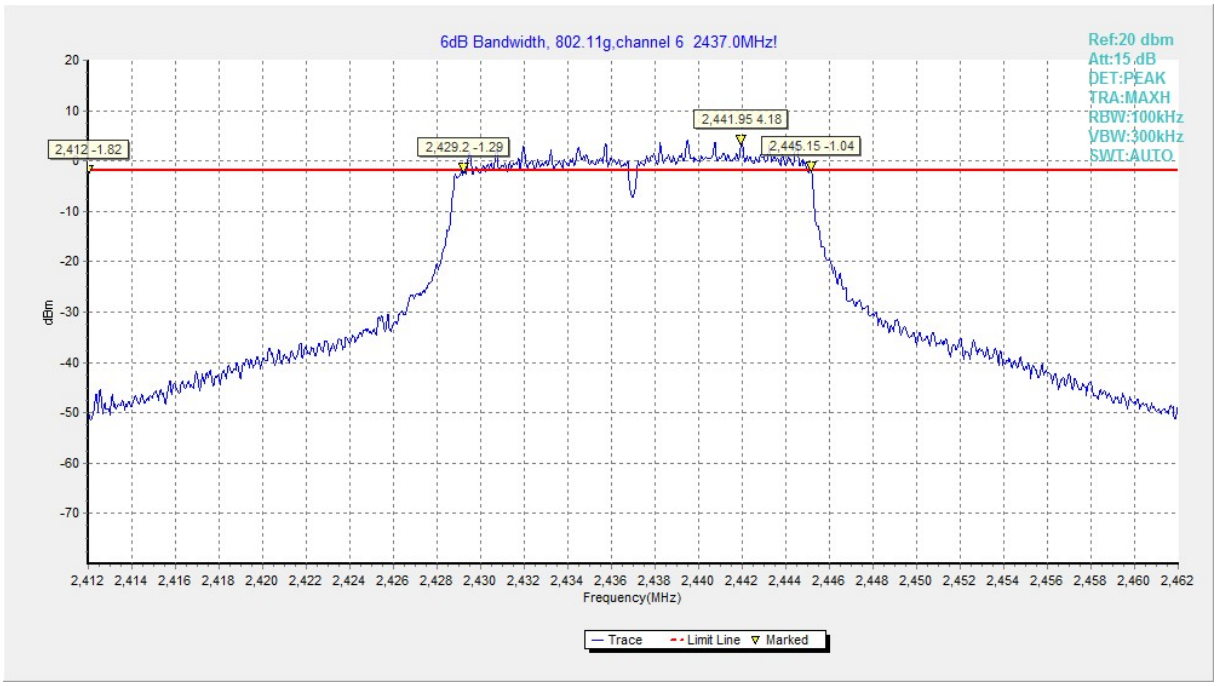

Fig.A.4.5 Occupied 6dB Bandwidth (802.11g, Ch 6)

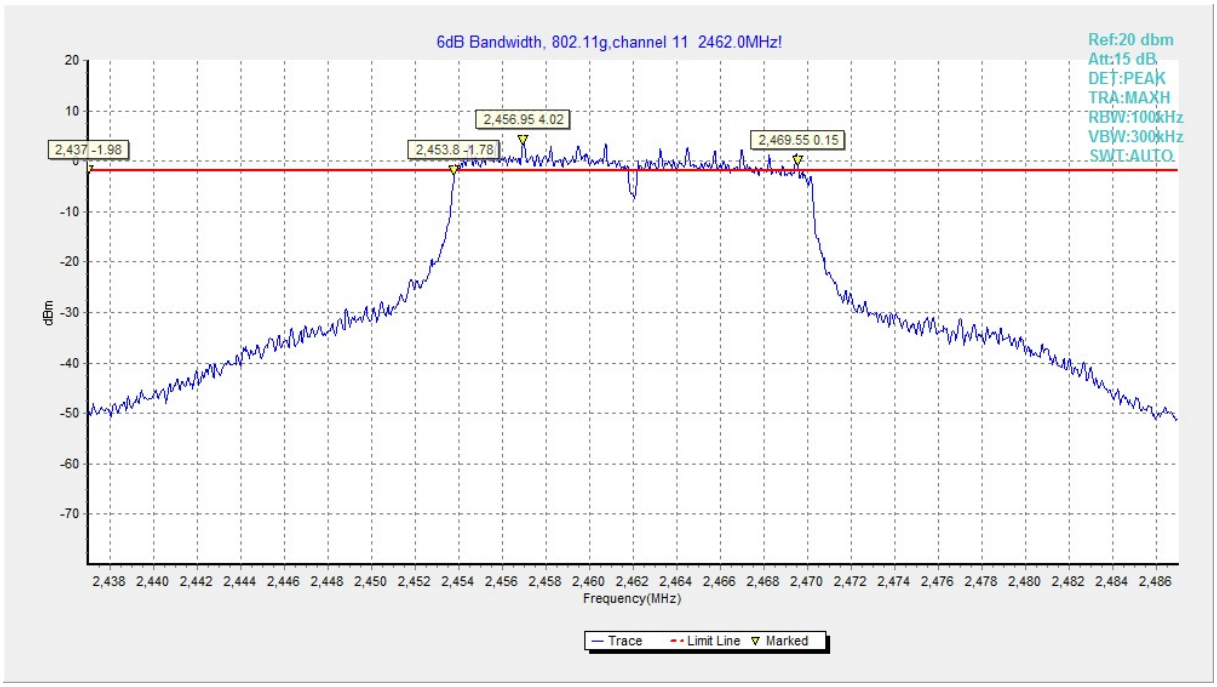

Fig.A.4.6 Occupied 6dB Bandwidth (802.11g, Ch 11)

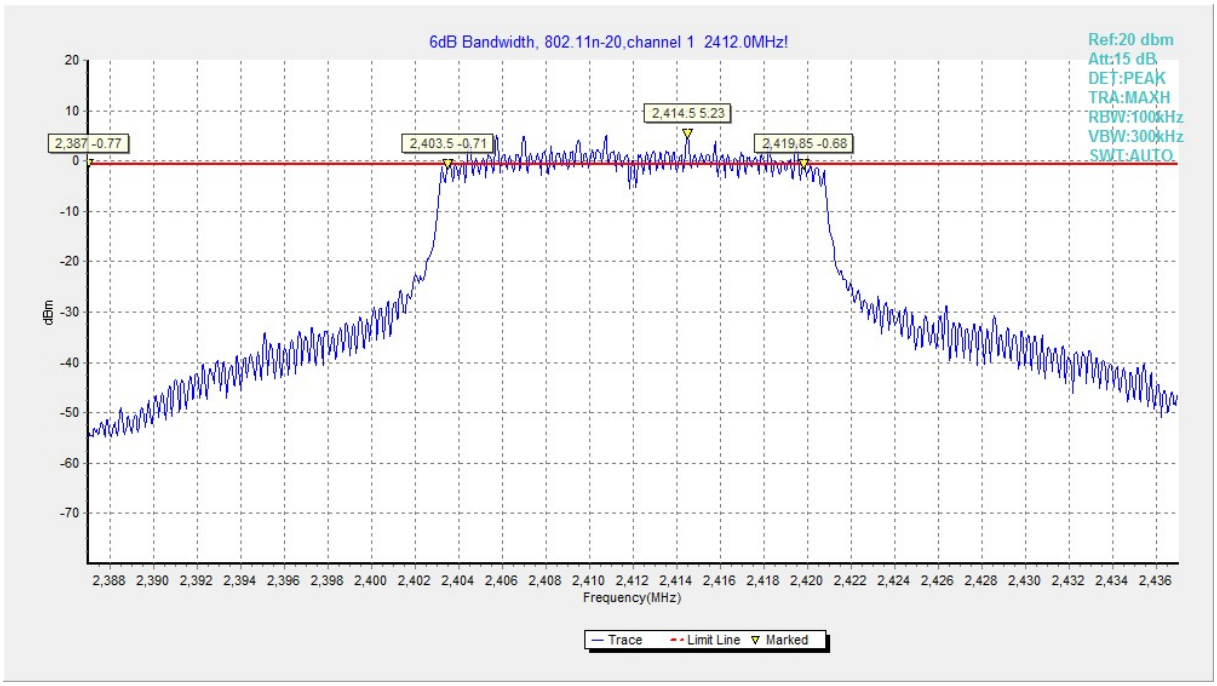

Fig.A.4.7 Occupied 6dB Bandwidth (802.11n-HT20, Ch 1)

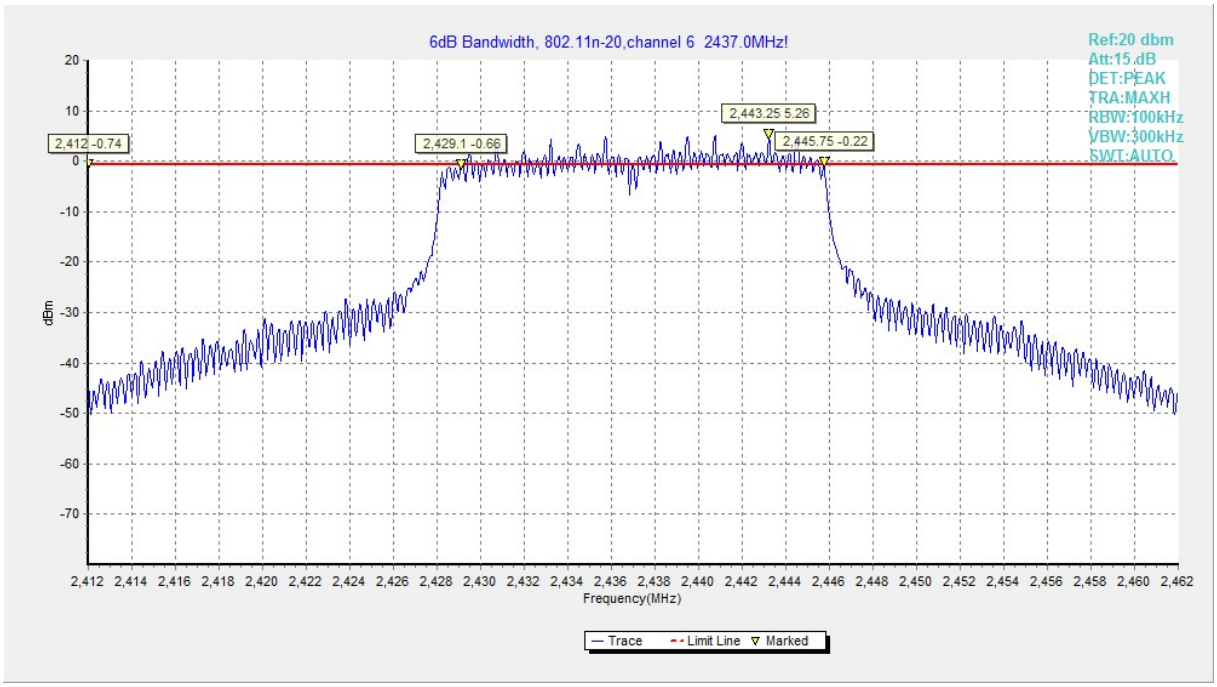

Fig.A.4.8 Occupied 6dB Bandwidth (802.11n-HT20, Ch 6)

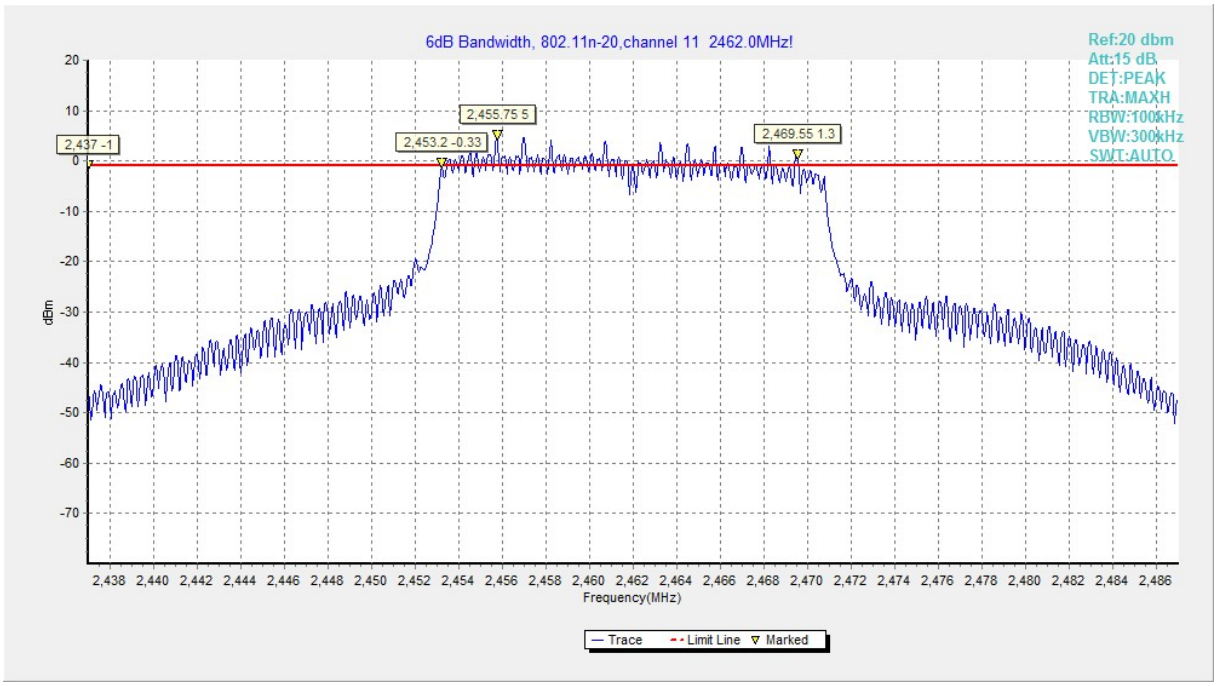

Fig.A.4.9 Occupied 6dB Bandwidth (802.11n-HT20, Ch 11)

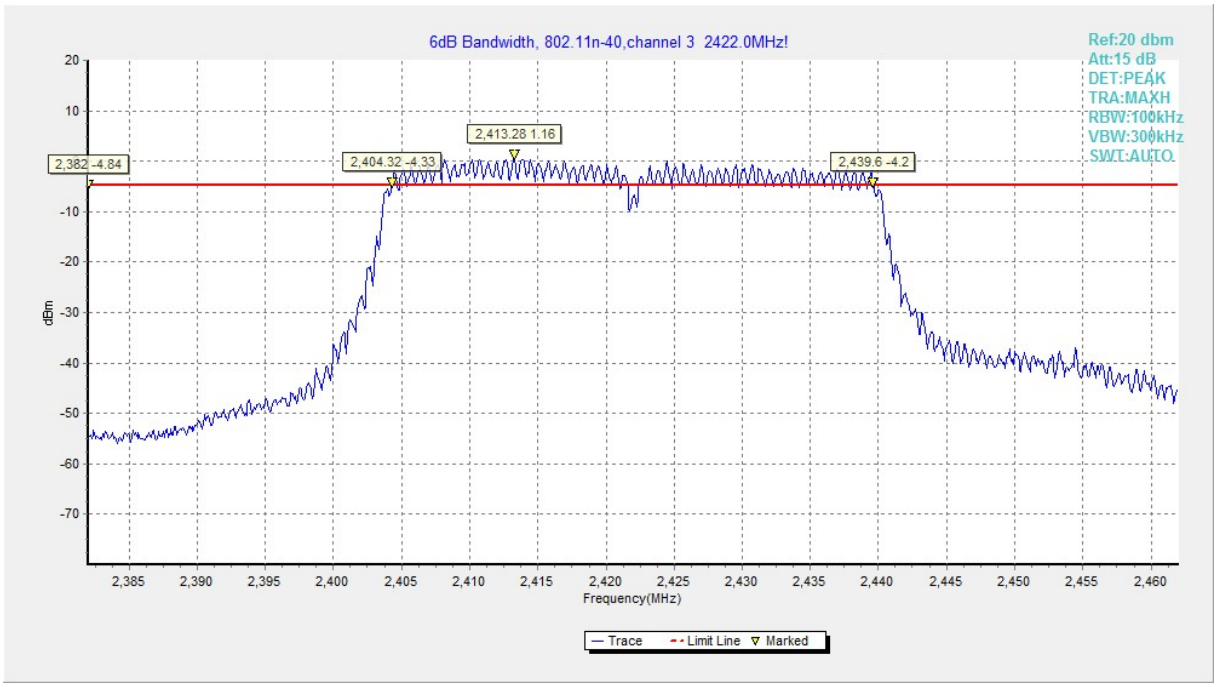

Fig.A.4.10 Occupied 6dB Bandwidth (802.11n-HT40, Ch 3)

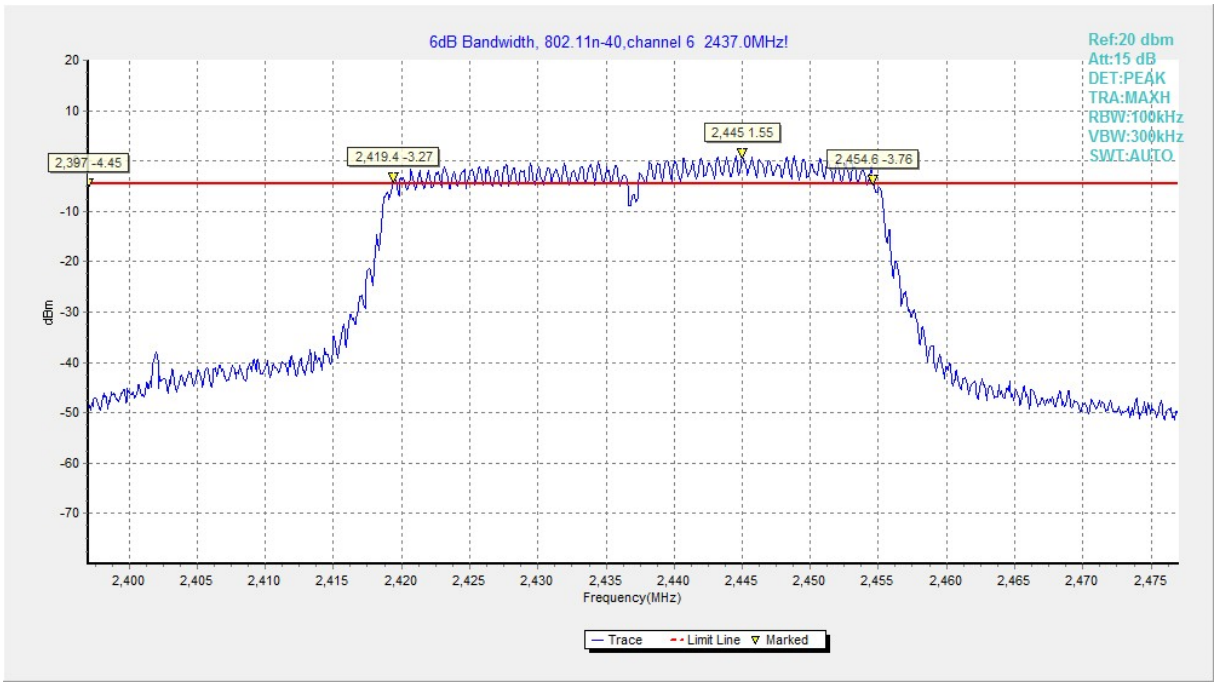

Fig.A.4.11 Occupied 6dB Bandwidth (802.11n-HT40, Ch 6)