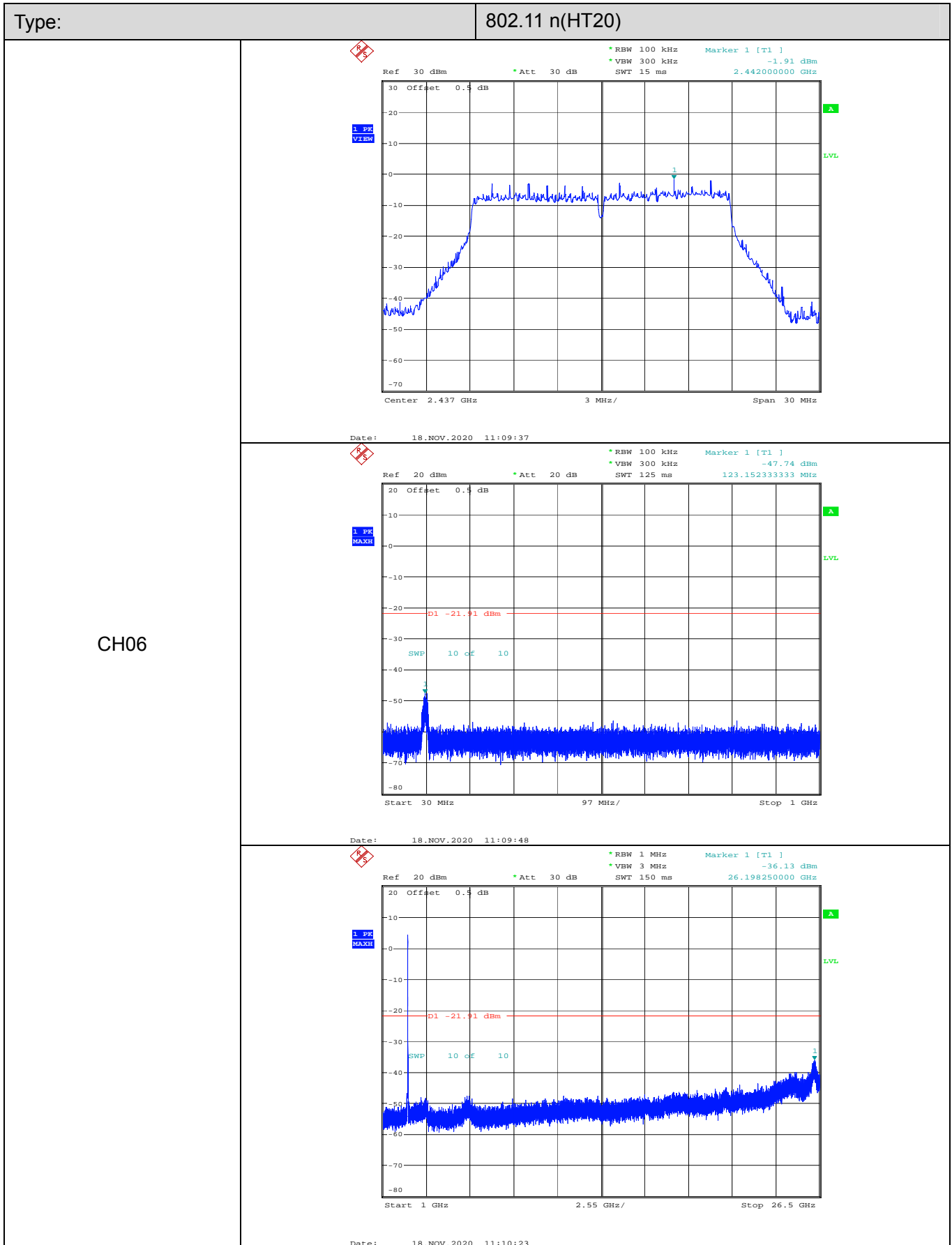


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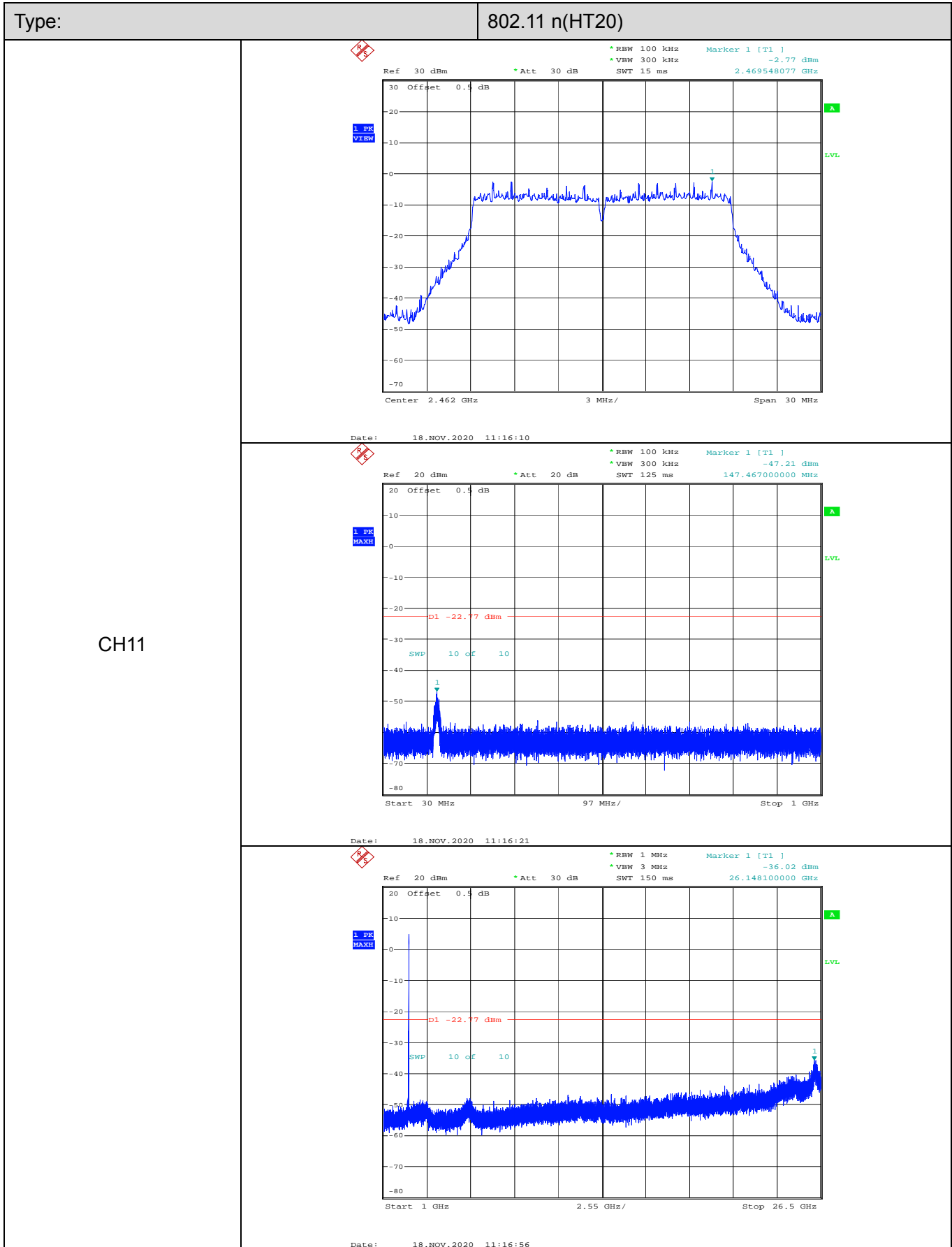


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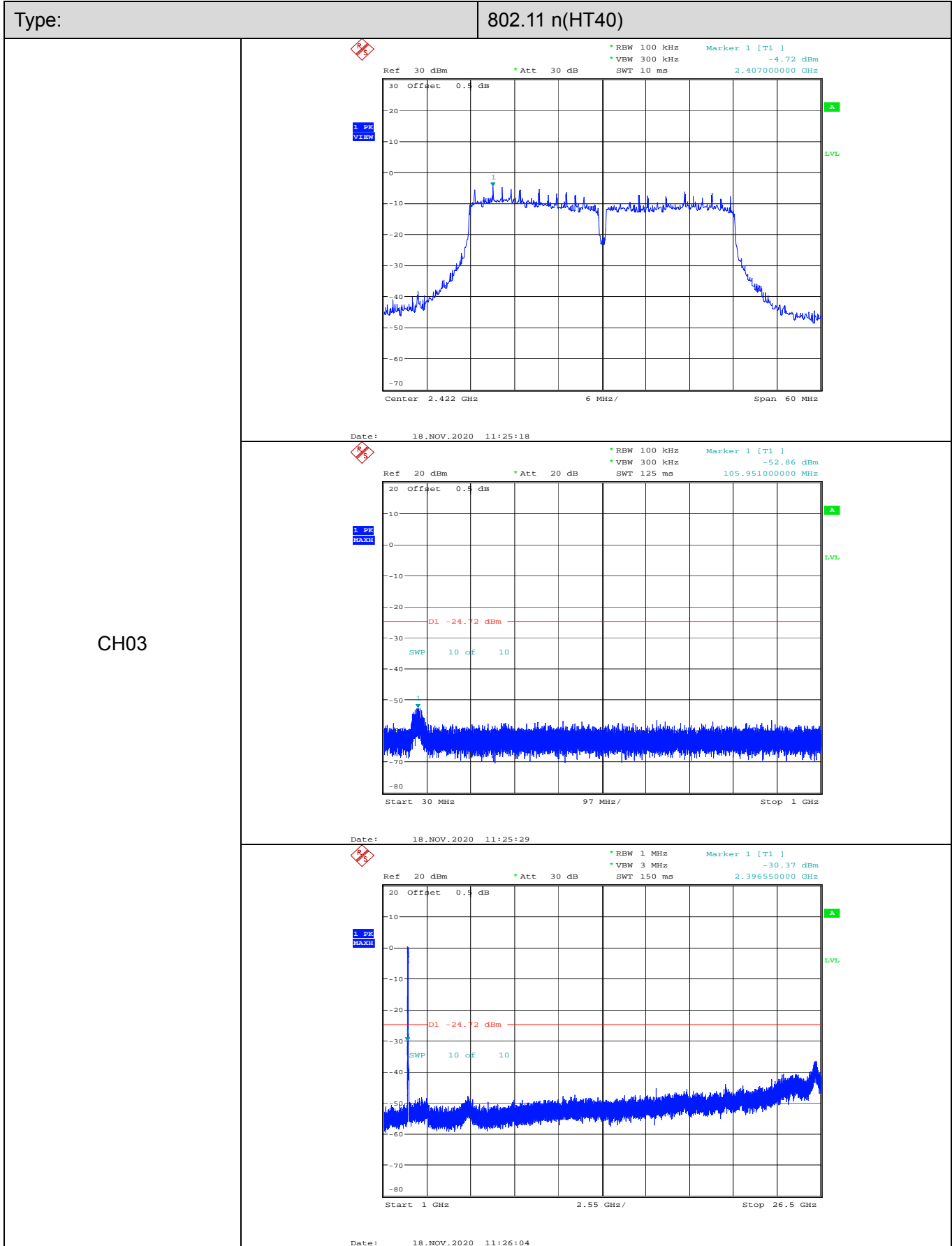


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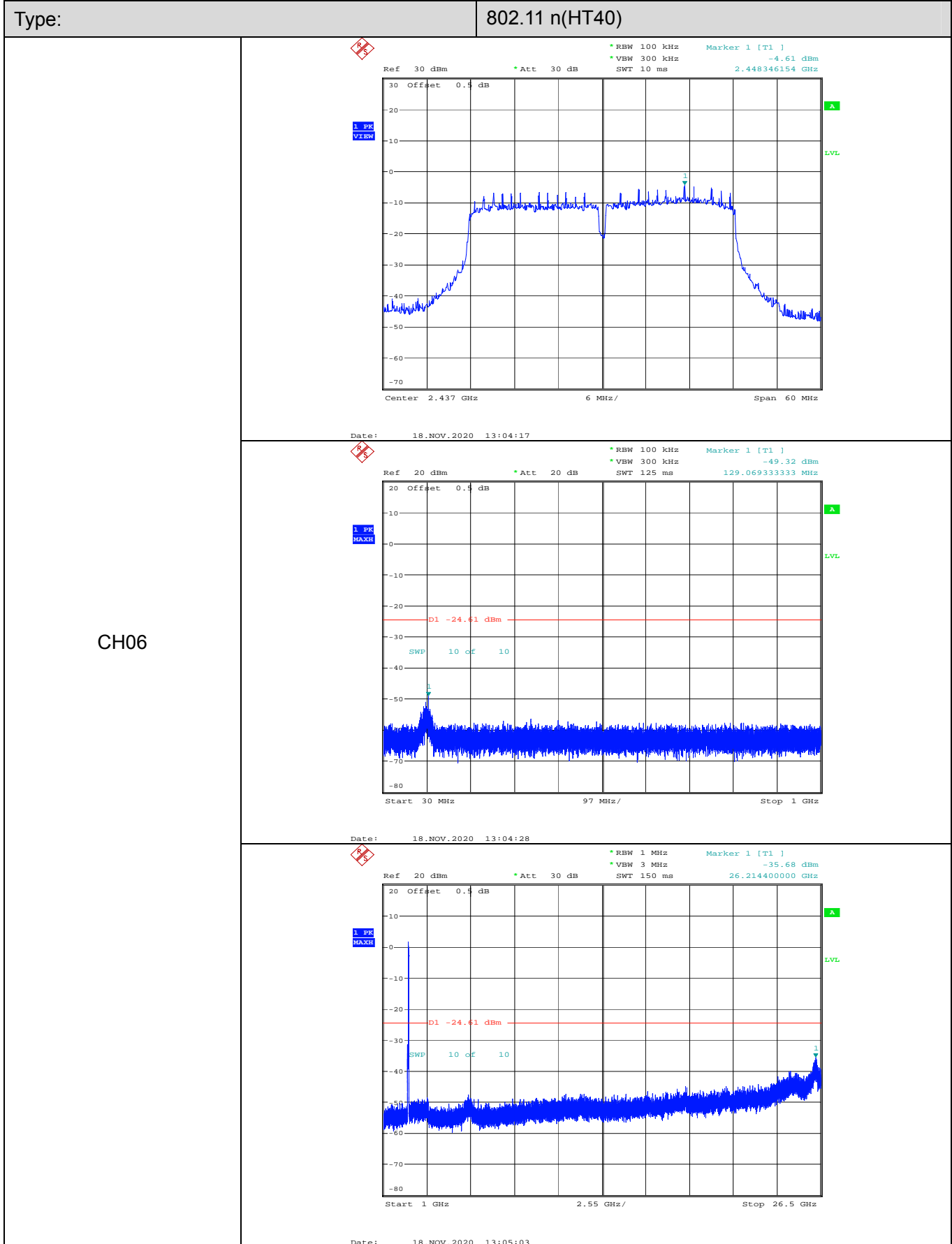


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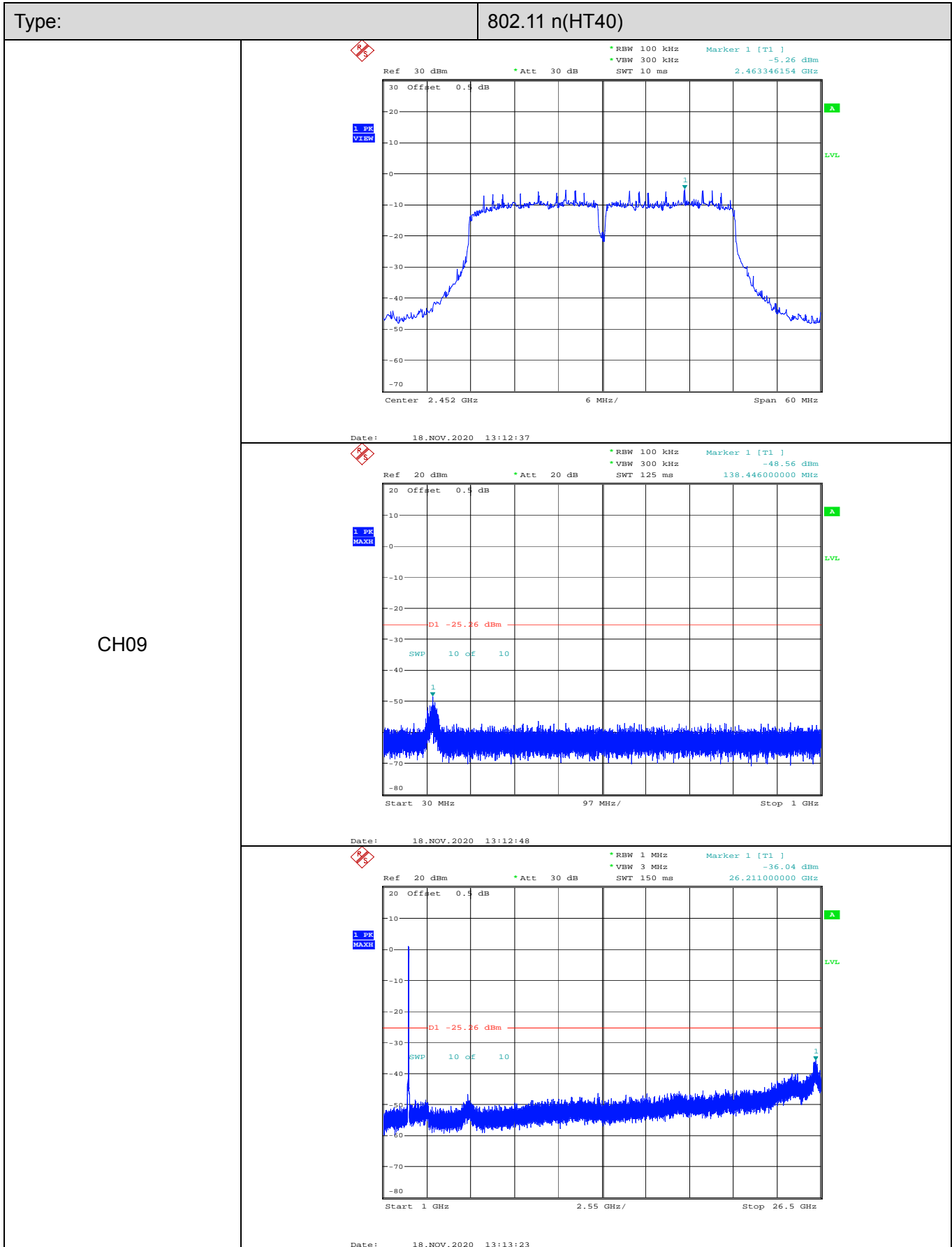


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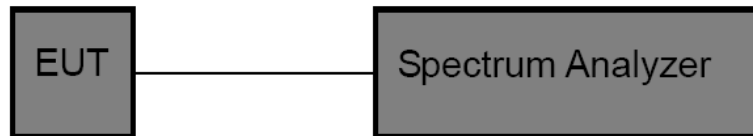
3.4. DTS Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2)/ RSS-247 5.2 a:

Test Item	Limit	Frequency Range(MHz)
DTS Bandwidth	≥ 500 KHz (6dB bandwidth)	2400~2483.5

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. DTS Spectrum Setting:
 - (1) Set RBW = 100 kHz.
 - (2) Set the video bandwidth (VBW) ≥ 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.OCB Spectrum Setting:
 - (1) Set RBW = 1% ~ 5% occupied bandwidth.
 - (2) Set the video bandwidth (VBW) ≥ 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

Test Mode

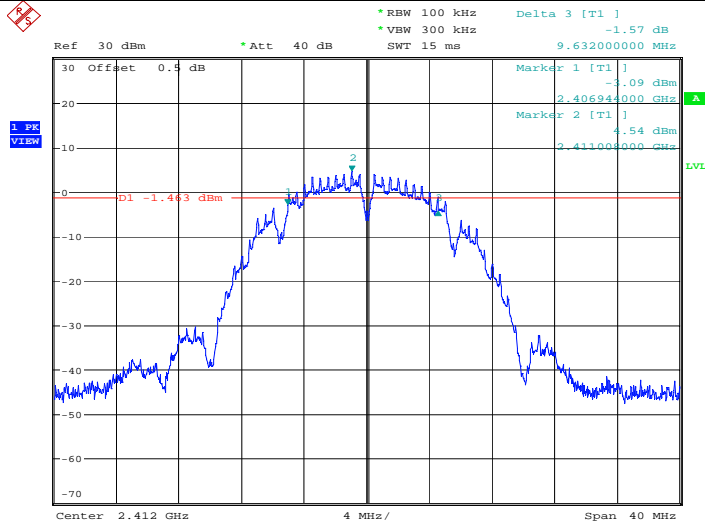
Please refer to the clause 2.4.

**Test Results**

Test Mode	Channel	DTS BW [MHz]	Limit [MHz]	Verdict
802.11b	2412	9.632	≥ 0.5	PASS
	2437	8.608	≥ 0.5	PASS
	2462	10.048	≥ 0.5	PASS
802.11g	2412	16.160	≥ 0.5	PASS
	2437	16.416	≥ 0.5	PASS
	2462	16.416	≥ 0.5	PASS
802.11n(HT20)	2412	16.736	≥ 0.5	PASS
	2437	17.600	≥ 0.5	PASS
	2462	17.664	≥ 0.5	PASS
802.11n(HT40)	2422	35.648	≥ 0.5	PASS
	2437	35.264	≥ 0.5	PASS
	2452	35.328	≥ 0.5	PASS

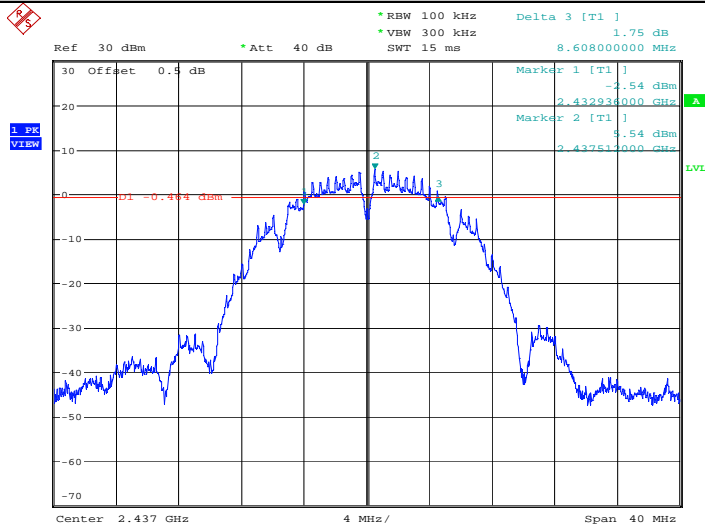


802.11b_2412



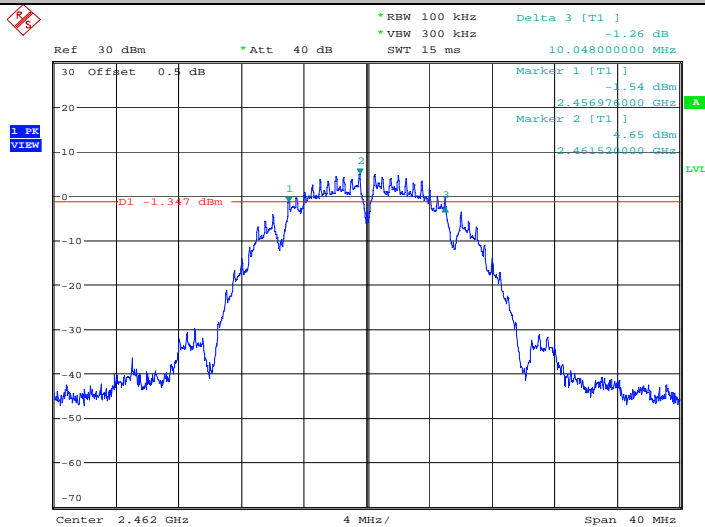
Date: 18.NOV.2020 09:36:35

802.11b_2437



Date: 18.NOV.2020 09:46:26

802.11b_2462



Date: 18.NOV.2020 09:54:00

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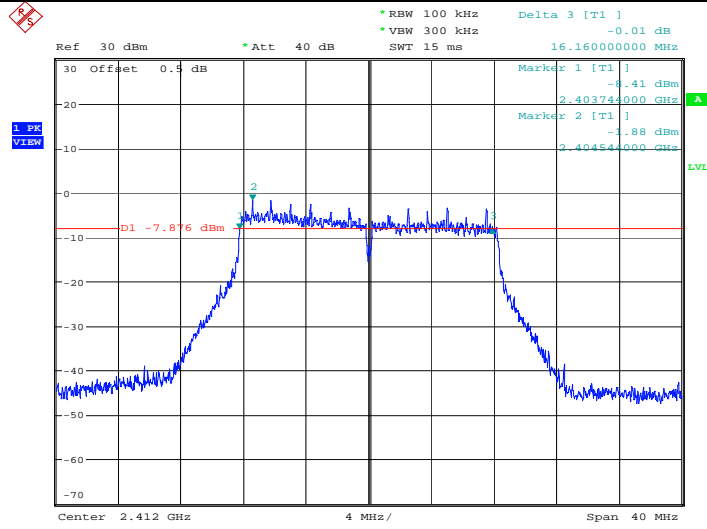
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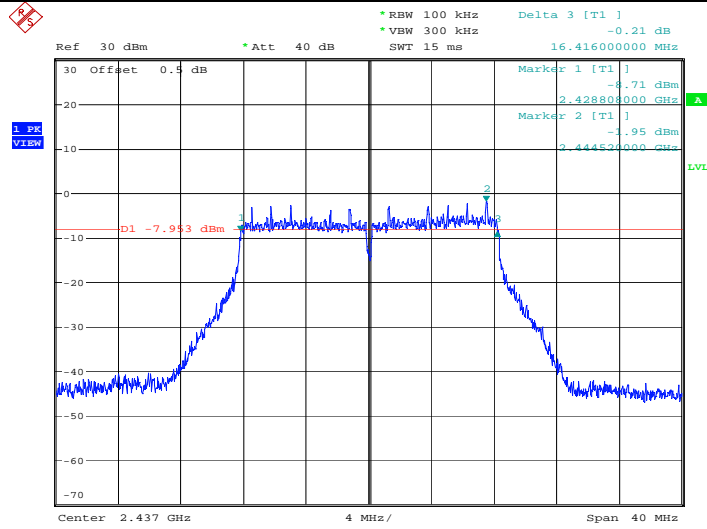


802.11g_2412



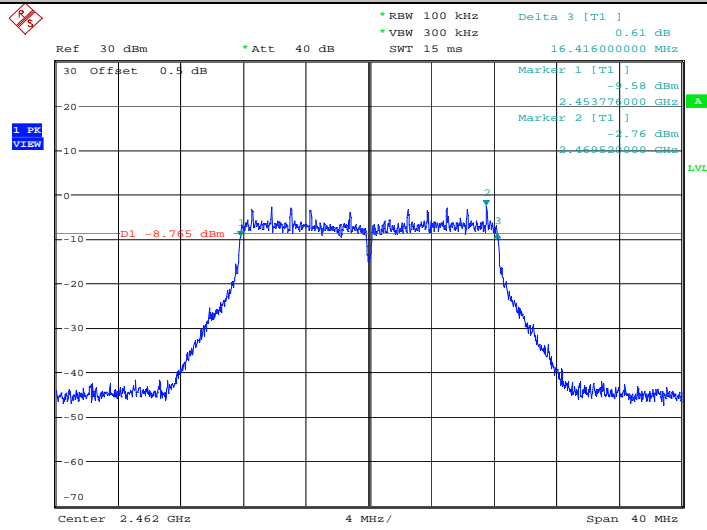
Date: 18.NOV.2020 10:04:14

802.11g_2437



Date: 18.NOV.2020 10:21:29

802.11g_2462



Date: 18.NOV.2020 10:38:49

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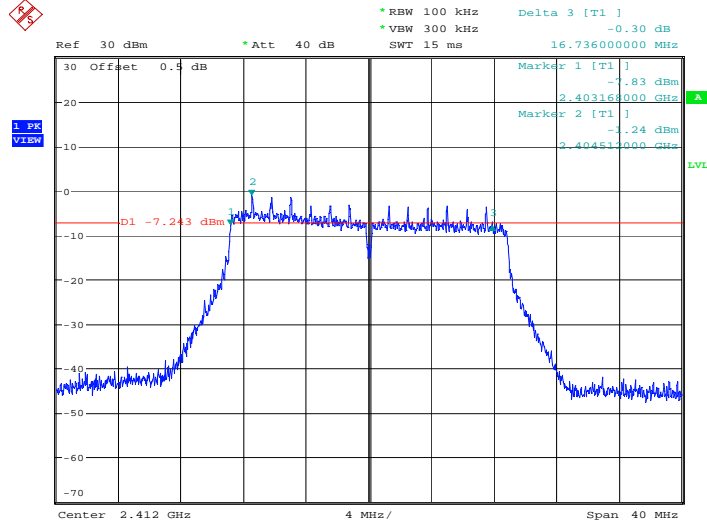
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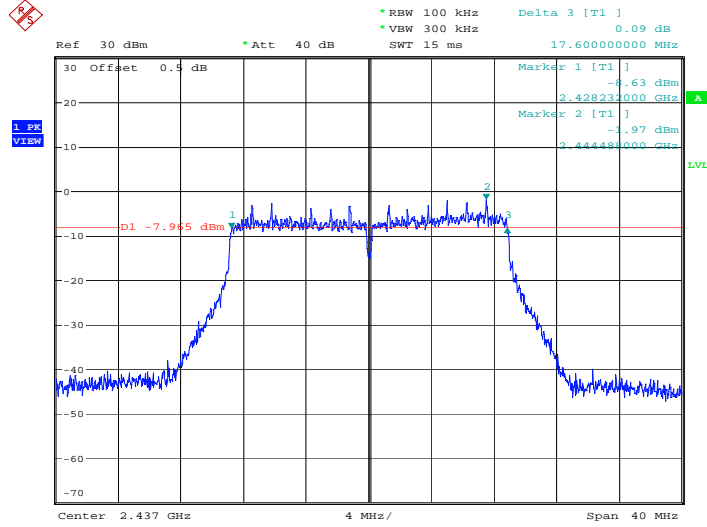


802.11n(HT20)_2412



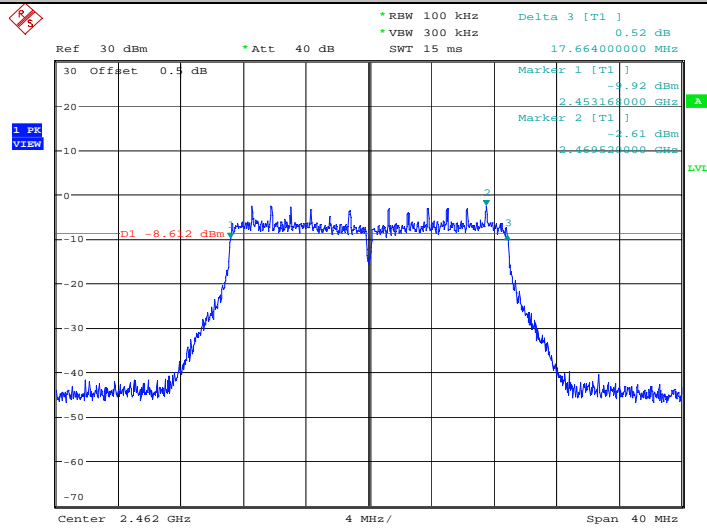
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802.11n(HT20)_2437



Date: 18.NOV.2020 11:07:08

802.11n(HT20)_2462



Date: 18.NOV.2020 11:11:59

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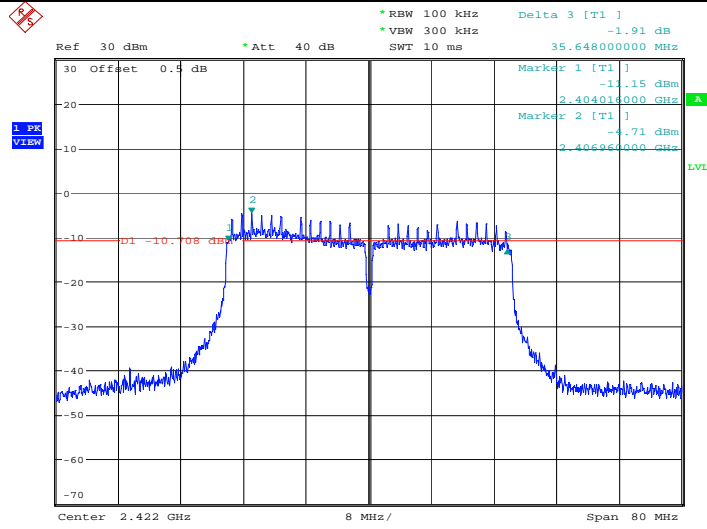
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China
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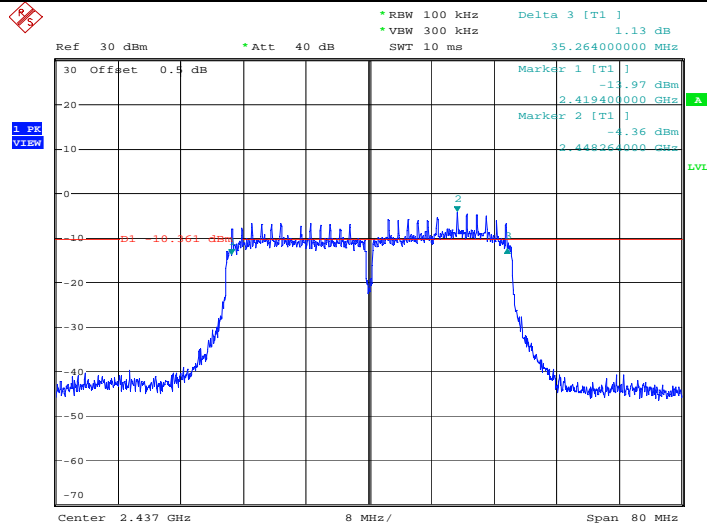


802.11n(HT40)_2422



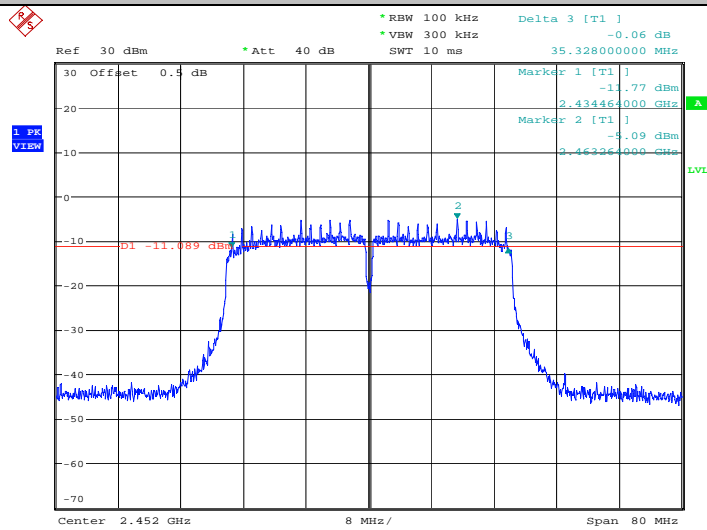
Date: 18.NOV.2020 11:18:10

802.11n(HT40)_2437



Date: 18.NOV.2020 13:00:56

802.11n(HT40)_2452



Date: 18.NOV.2020 13:07:50

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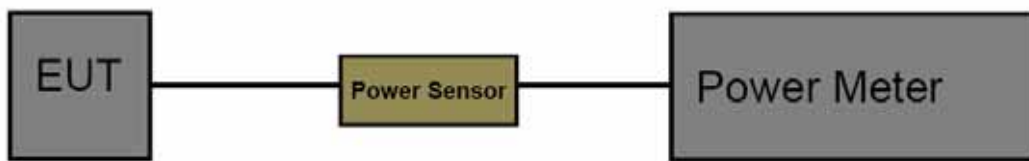
3.5. Peak Output Power

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3)/ RSS-247 5.4:

Section	Test Item	Limit	Frequency Range(MHz)
CFR 47 FCC 15.247(b)(3)	Maximum conducted output power	1 Watt or 30dBm	2400~2483.5
ISED RSS-247 5.4 d	EIRP	4 Watt or 36dBm	2400~2483.5

Test Configuration



Test Procedure

1. The maximum conducted output power may be measured using a broadband Peak RF power meter.
2. Peak power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor.
3. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.
4. Record the measurement data.

Test Mode

Please refer to the clause 2.3

Test Result