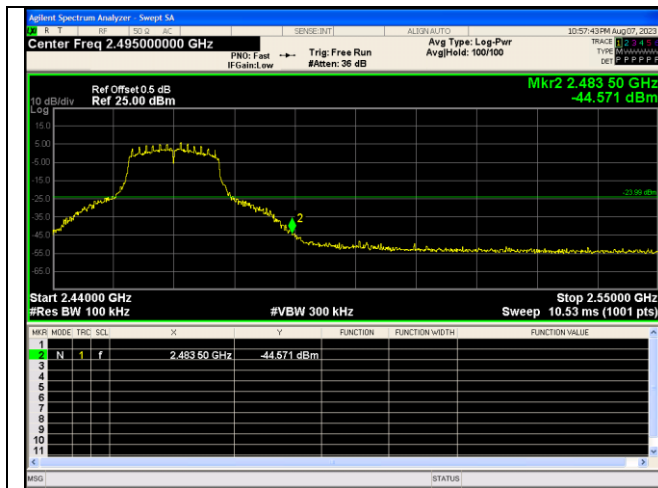
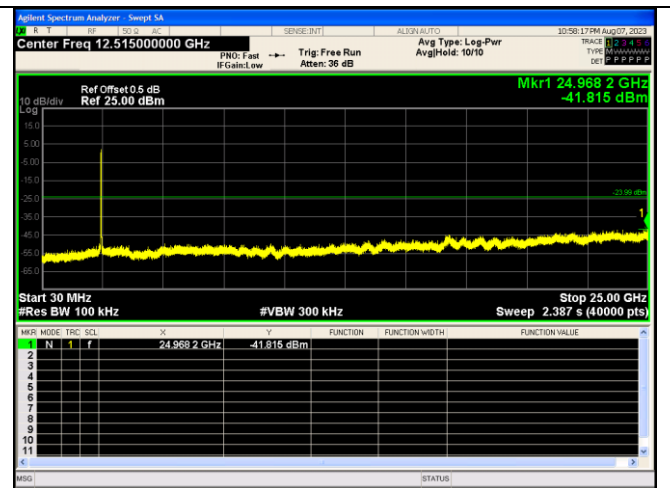
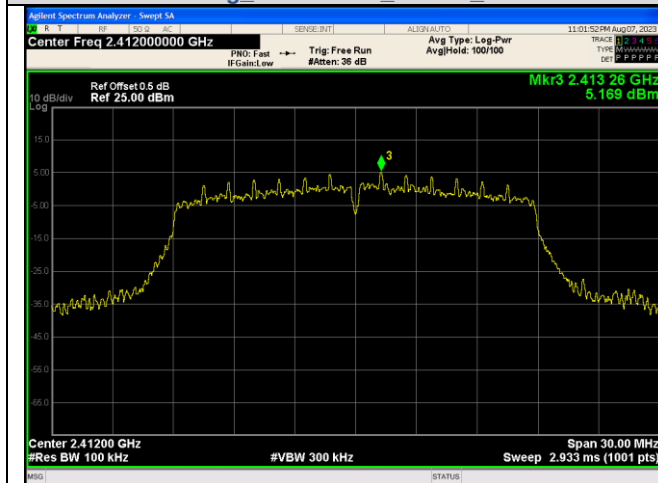




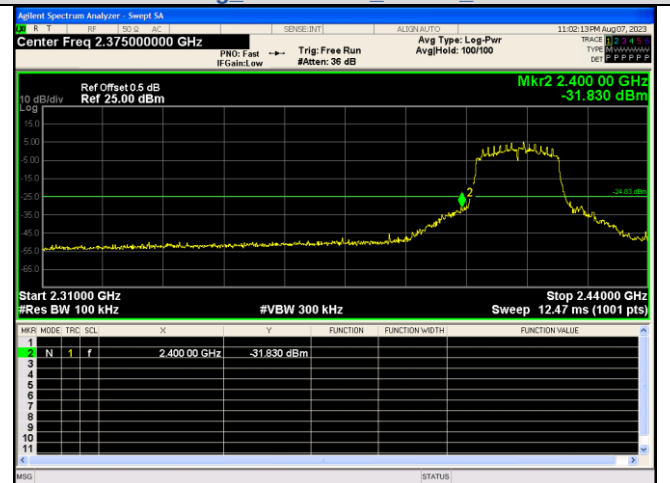
Out Of Band Emission
IEEE 802.11g Channel 11 20MHz Antenna 1



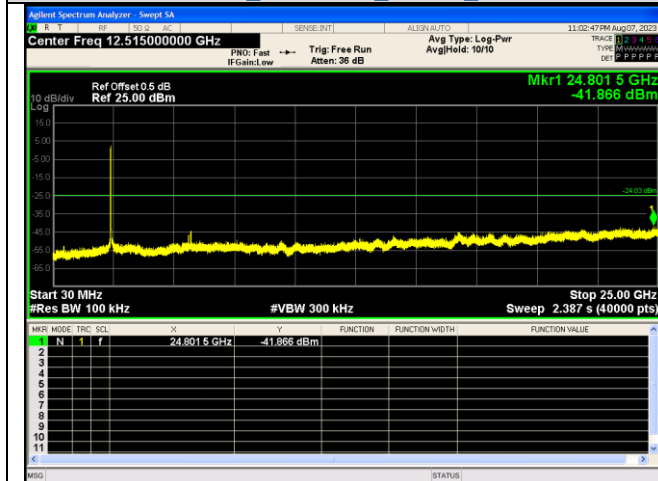
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IEEE 802.11g Channel 11 20MHz Antenna 1



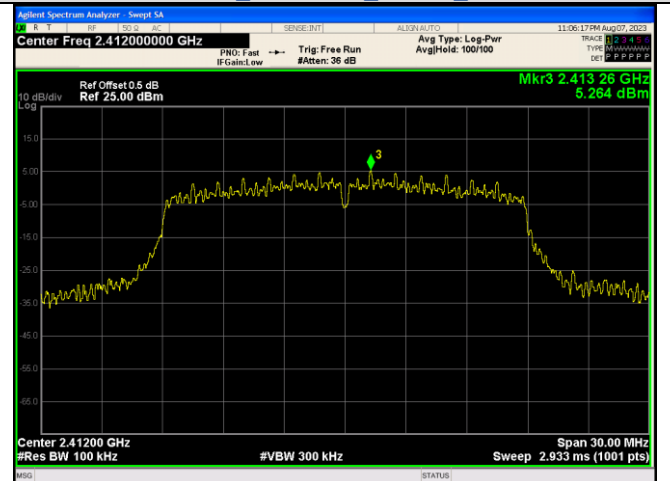
In-Band Reference Level
IEEE 802.11n Channel 1 20MHz Antenna 0



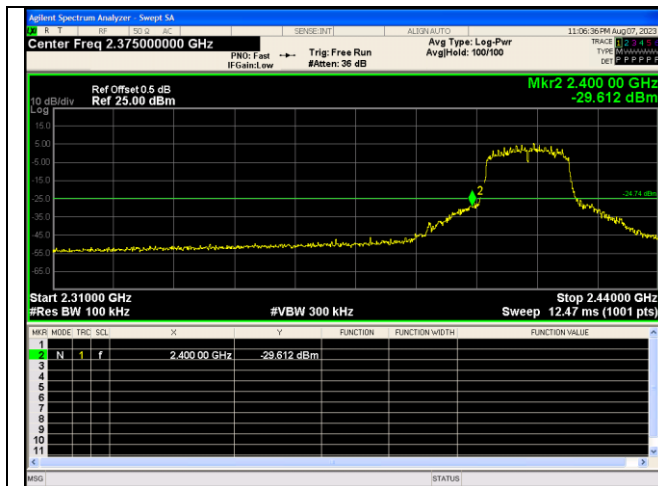
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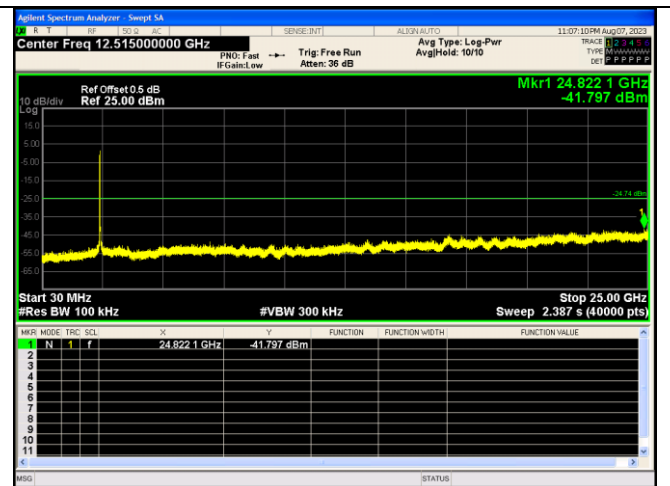
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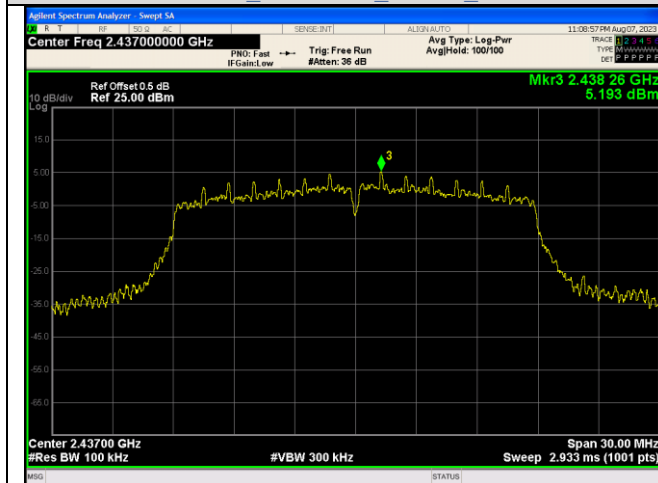
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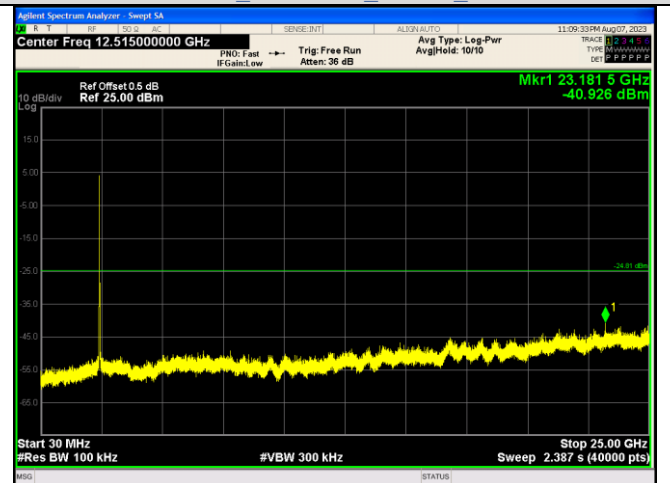
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IEEE 802.11n Channel 1 20MHz Antenna 1



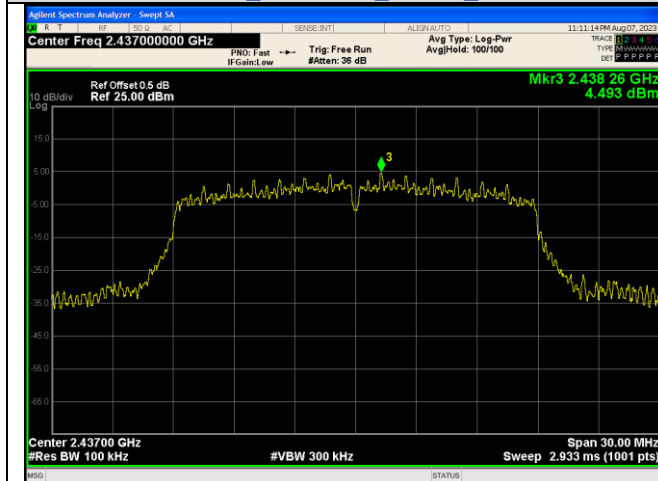
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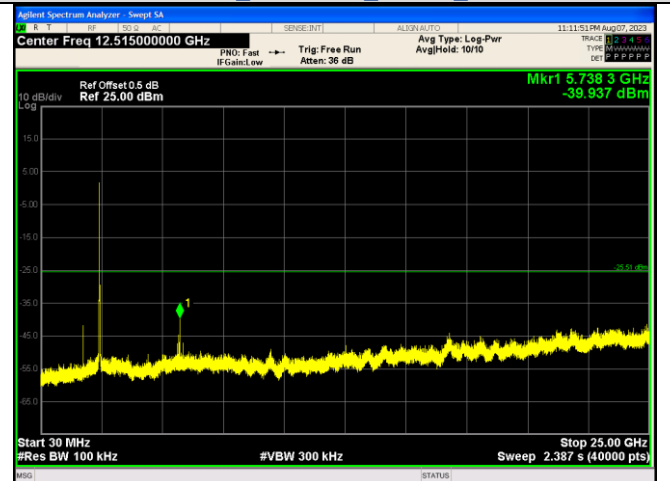
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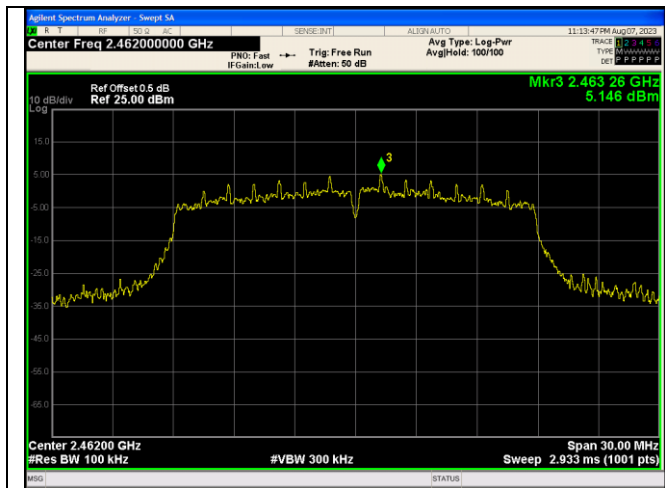
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IEEE 802.11n Channel 6 20MHz Antenna 0



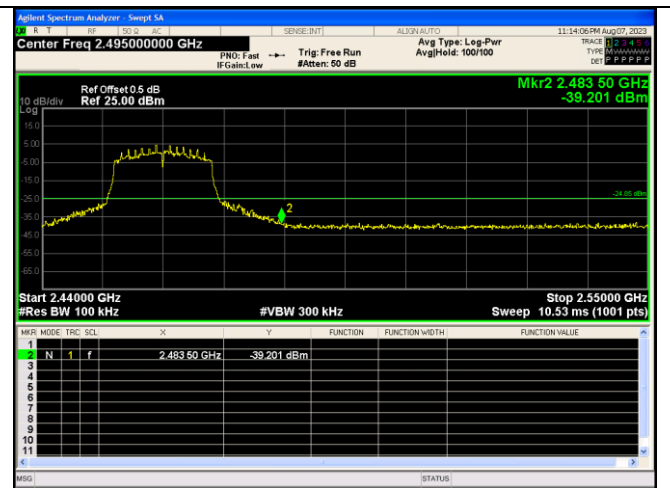
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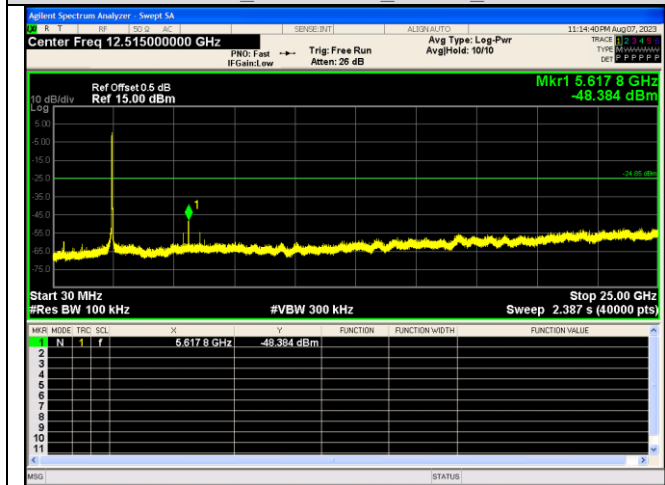
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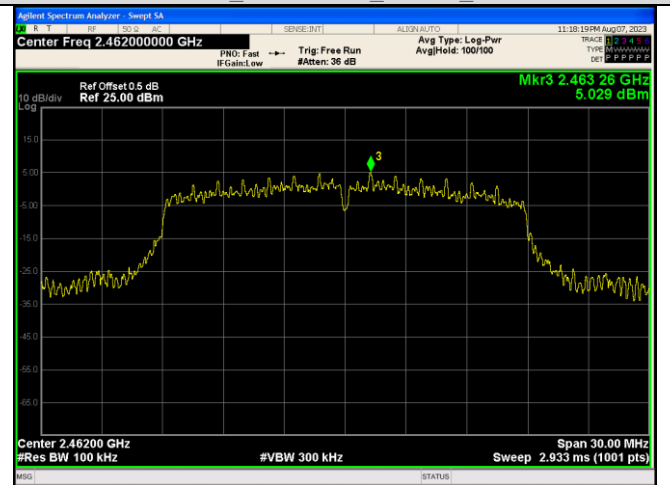
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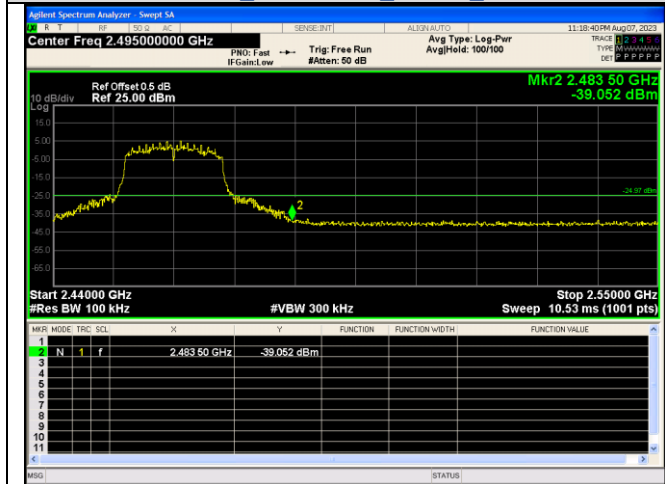
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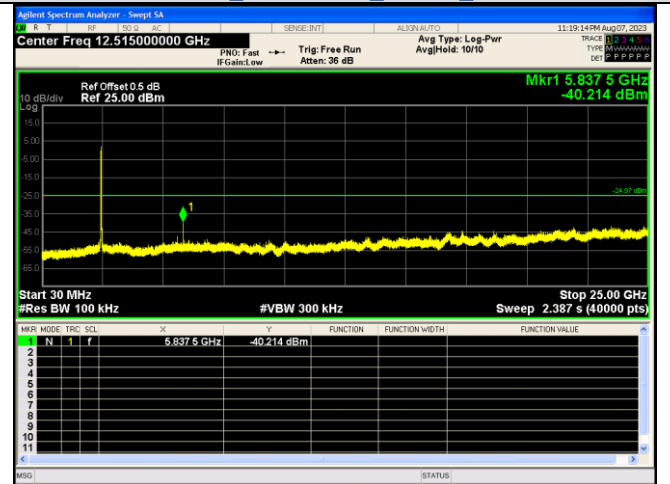
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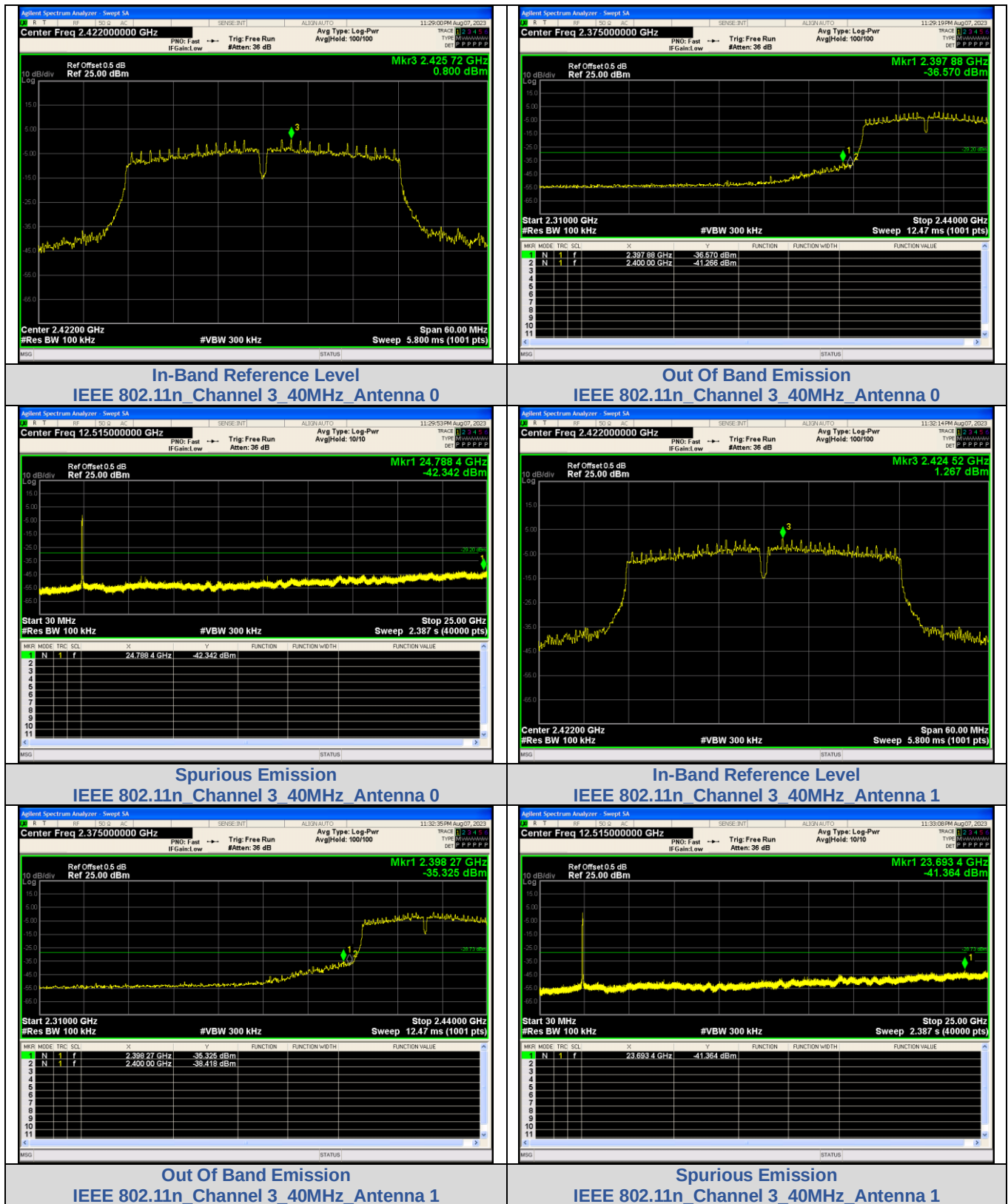
In-Band Reference Level
IEEE 802.11n Channel 11 20MHz Antenna 1



Out Of Band Emission
IEEE 802.11n Channel 11 20MHz Antenna 1



Spurious Emission
IEEE 802.11n Channel 11 20MHz Antenna 1



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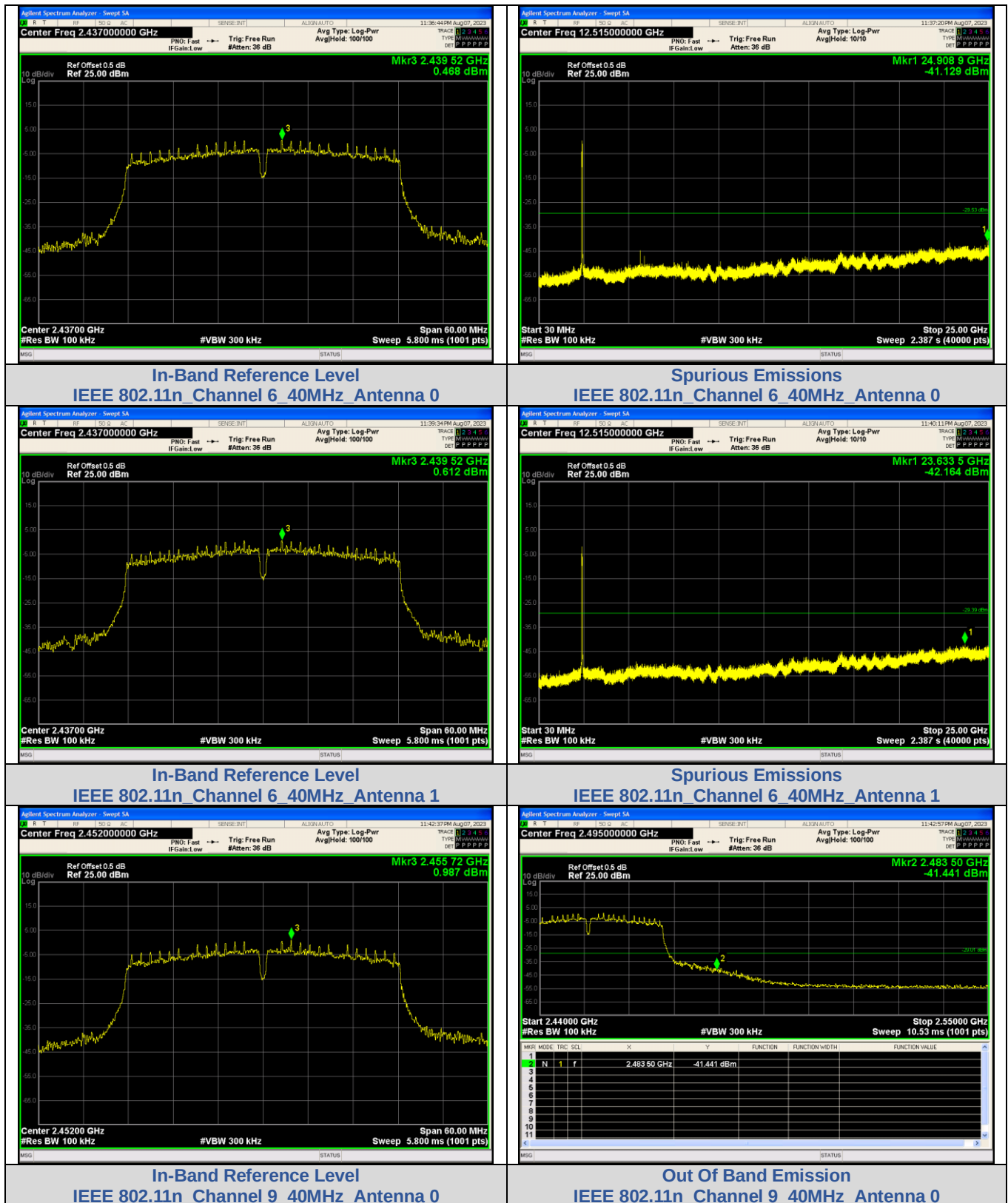
1-2/F, Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

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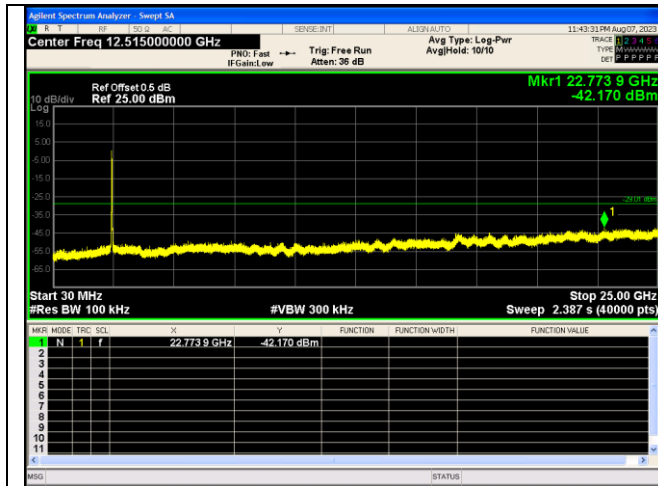
1-2/F, Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

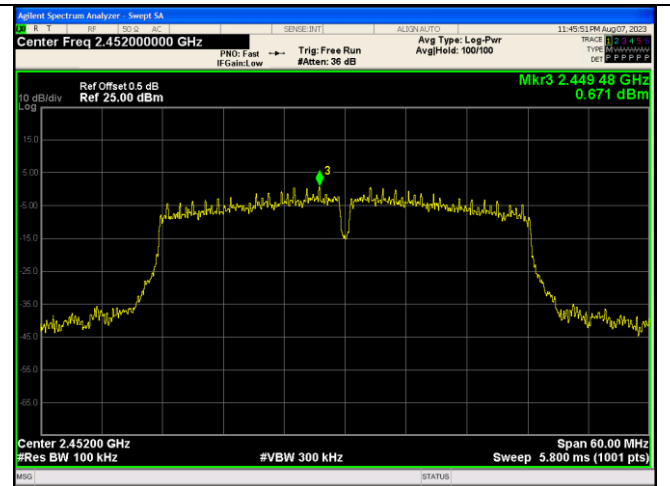
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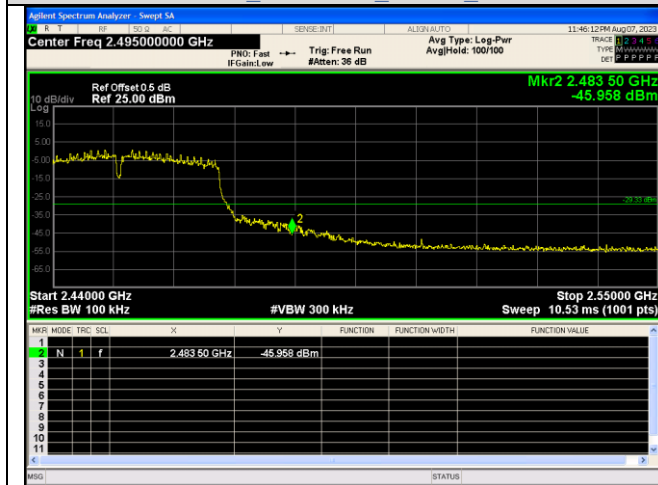
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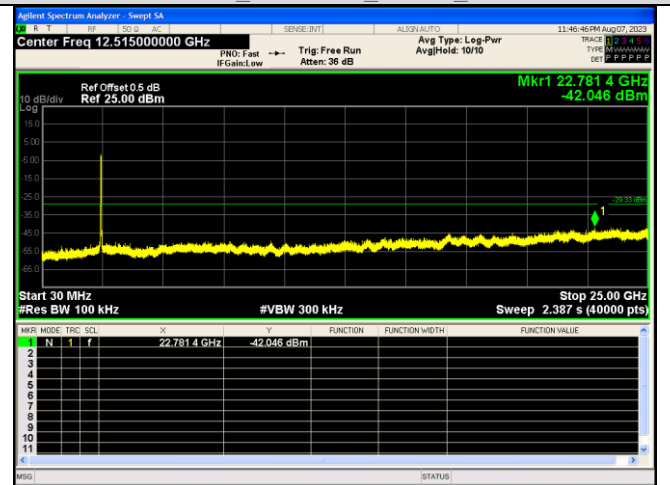
Spurious Emission
IEEE 802.11n Channel 9 40MHz Antenna 0



In-Band Reference Level
IEEE 802.11n Channel 9 40MHz Antenna 1



Out Of Band Emission
IEEE 802.11n Channel 9 40MHz Antenna 1



Spurious Emission
IEEE 802.11n Channel 9 40MHz Antenna 1



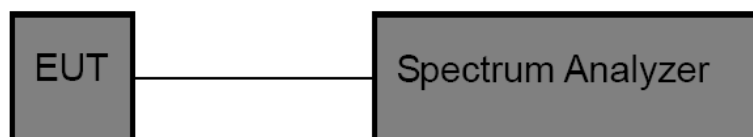
3.5. Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2)

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

Test Configuration



Test Procedure

5. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
6. 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 2.3.

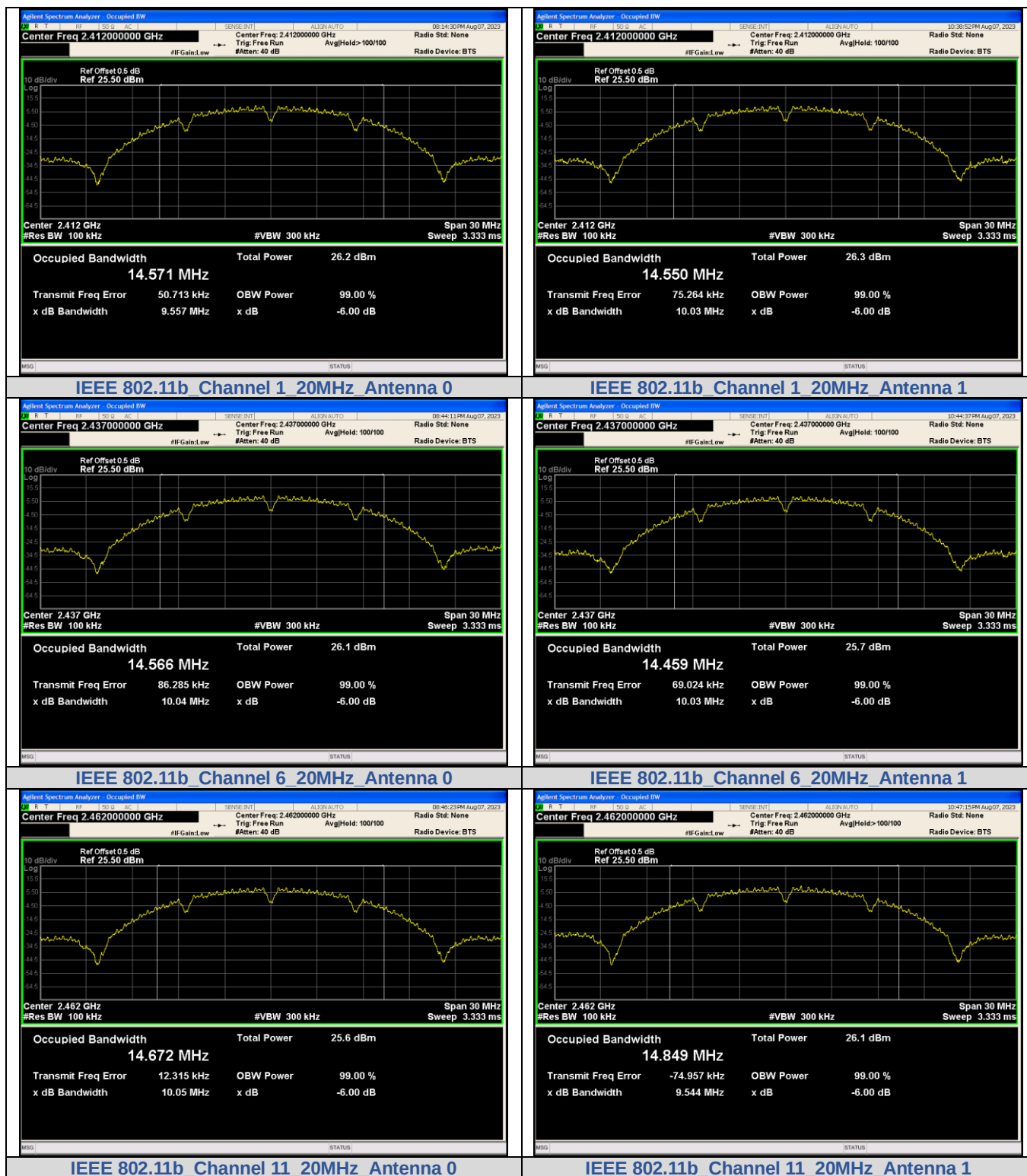
Test Results

**DTS Bandwidth Test Result**

Mode	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	0	2412	9.557	0.5	PASS
	1	2412	10.03		PASS
	0	2437	10.04		PASS
	1	2437	10.03		PASS
	0	2462	10.05		PASS
	1	2462	9.544		PASS
IEEE 802.11g	0	2412	15.10		PASS
	1	2412	15.11		PASS
	0	2437	15.10		PASS
	1	2437	15.08		PASS
	0	2462	15.12		PASS
	1	2462	15.11		PASS
IEEE 802.11n_20	0	2412	15.08		PASS
	1	2412	15.07		PASS
	0	2437	15.06		PASS
	1	2437	15.09		PASS
	0	2462	15.08		PASS
	1	2462	14.18		PASS
IEEE 802.11n_40	0	2422	35.08		PASS
	1	2422	35.07		PASS
	0	2437	35.05		PASS
	1	2437	35.03		PASS
	0	2452	35.07		PASS
	1	2452	35.05		PASS

Occupied Channel Bandwidth Test Result

Mode	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	0	2412	14.576
	1	2412	14.534
	0	2437	14.534
	1	2437	14.475
	0	2462	14.705
	1	2462	14.909
IEEE 802.11g	0	2412	16.500
	1	2412	16.524
	0	2437	16.528
	1	2437	16.514
	0	2462	16.538
	1	2462	16.574
IEEE 802.11n_20	0	2412	17.578
	1	2412	17.496
	0	2437	17.629
	1	2437	17.503
	0	2462	17.600
	1	2462	17.544
IEEE 802.11n_40	0	2422	35.898
	1	2422	35.991
	0	2437	35.837
	1	2437	35.919
	0	2452	35.789
	1	2452	35.847

**DTS Bandwidth Test Graphs**

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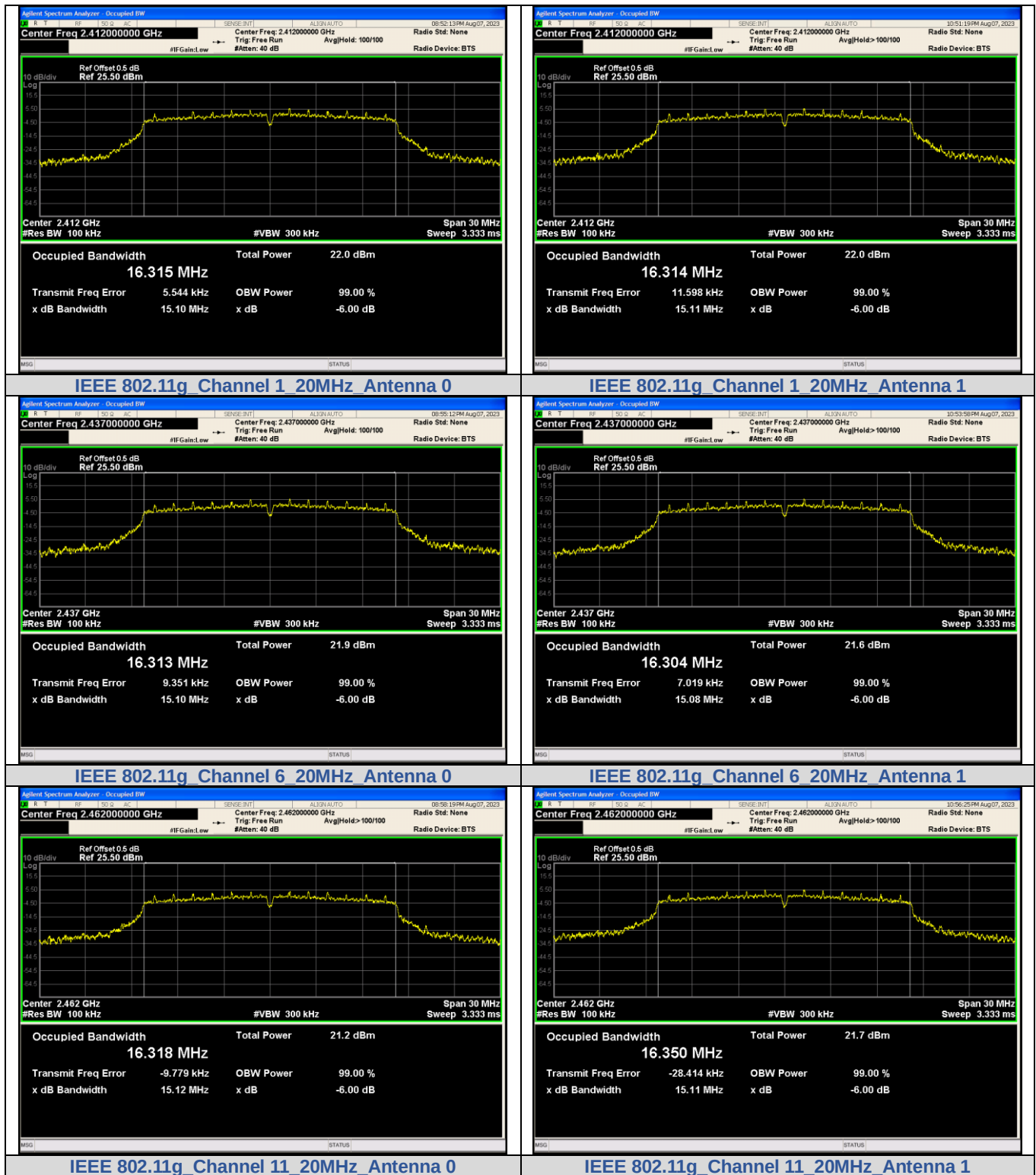
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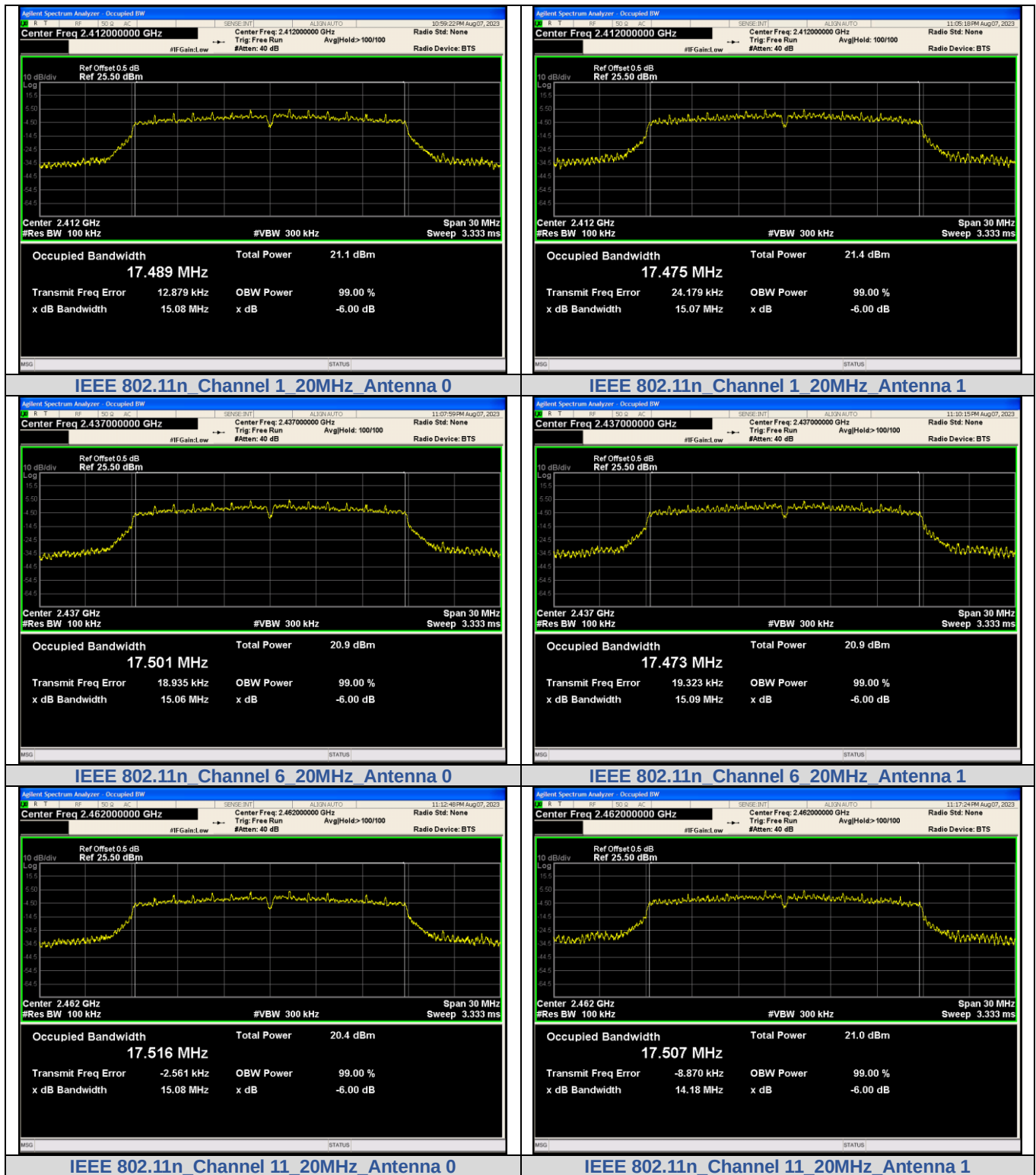
1-2/F, Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

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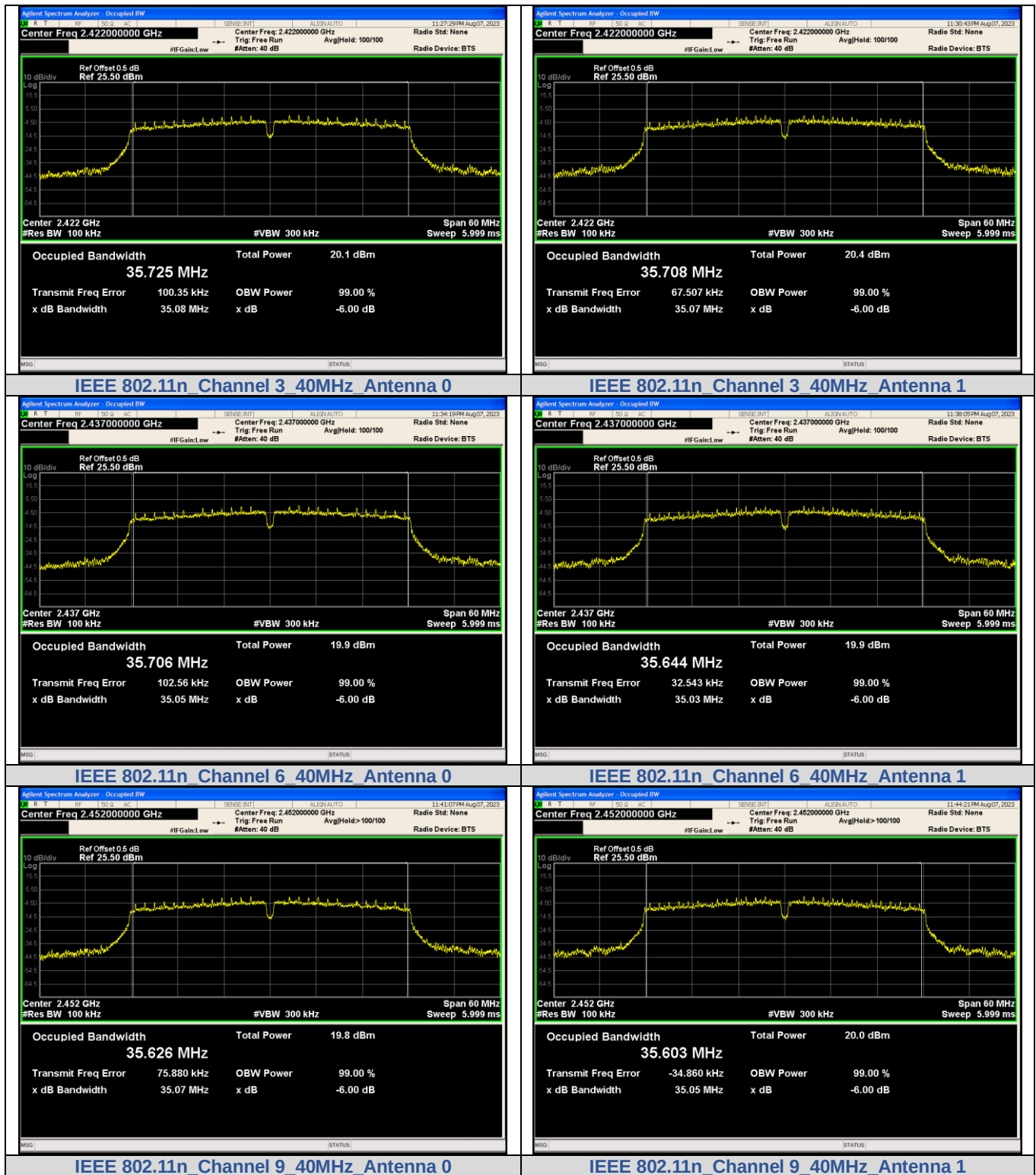
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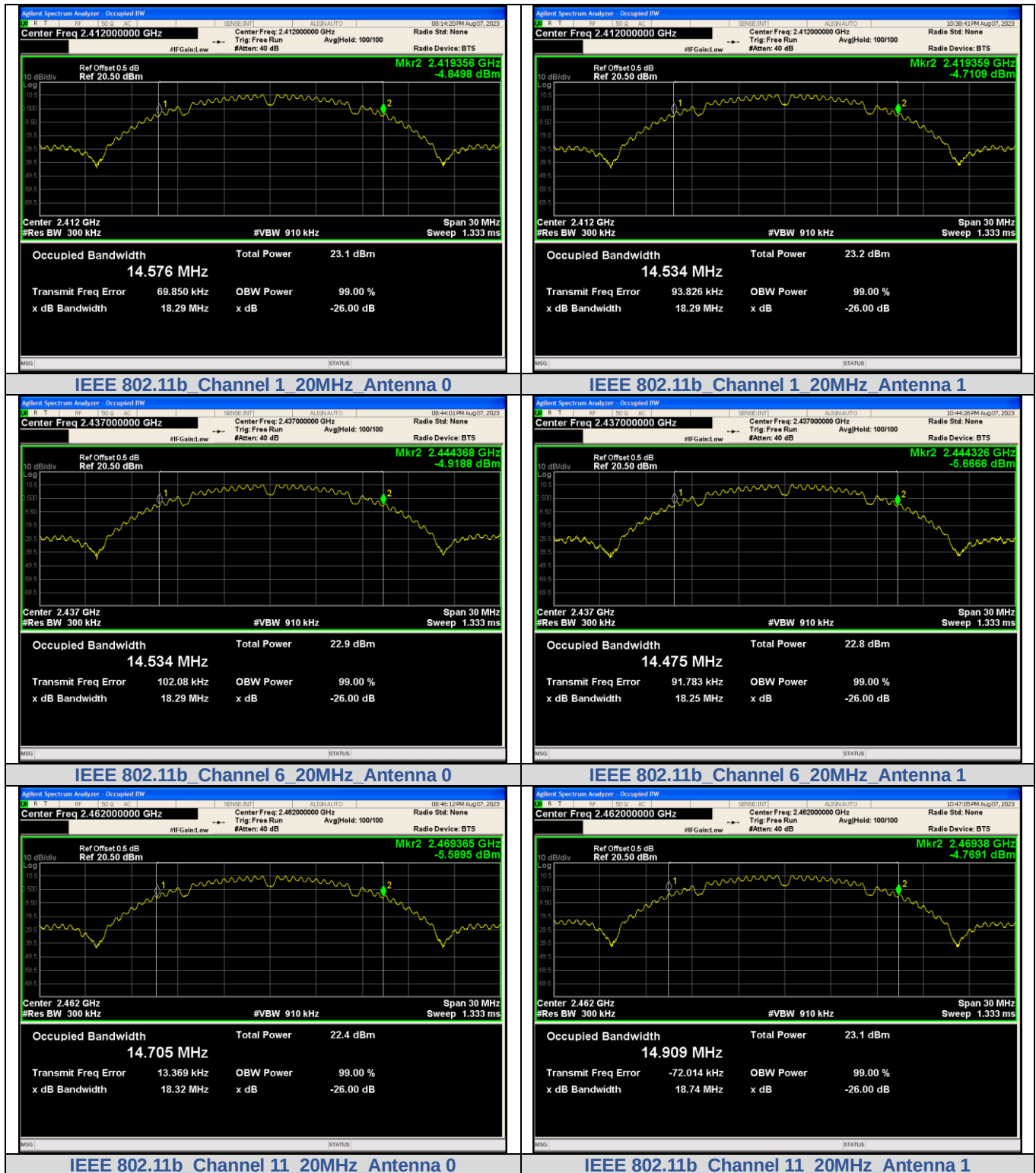
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**Occupied Channel Bandwidth Test Result**

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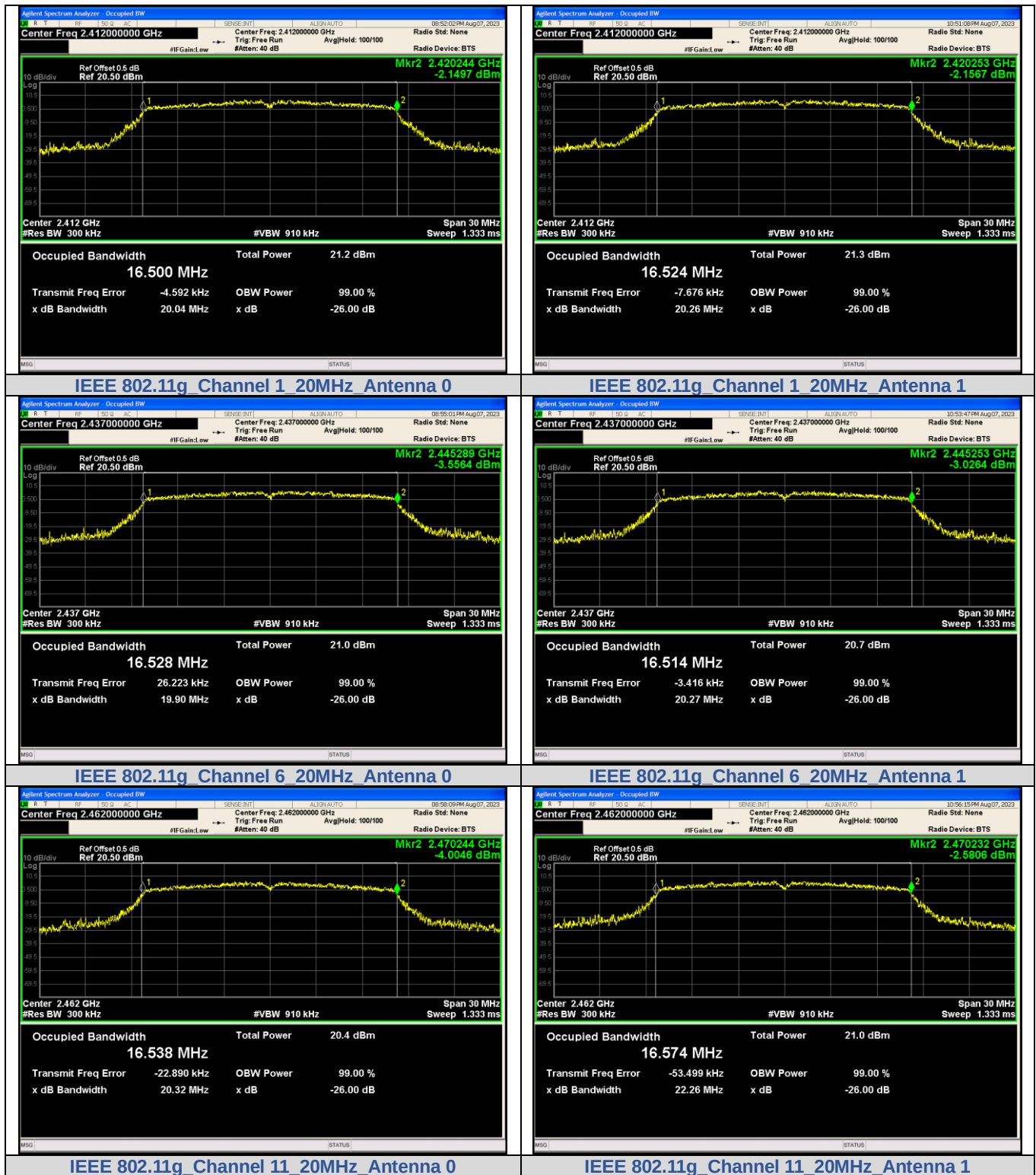
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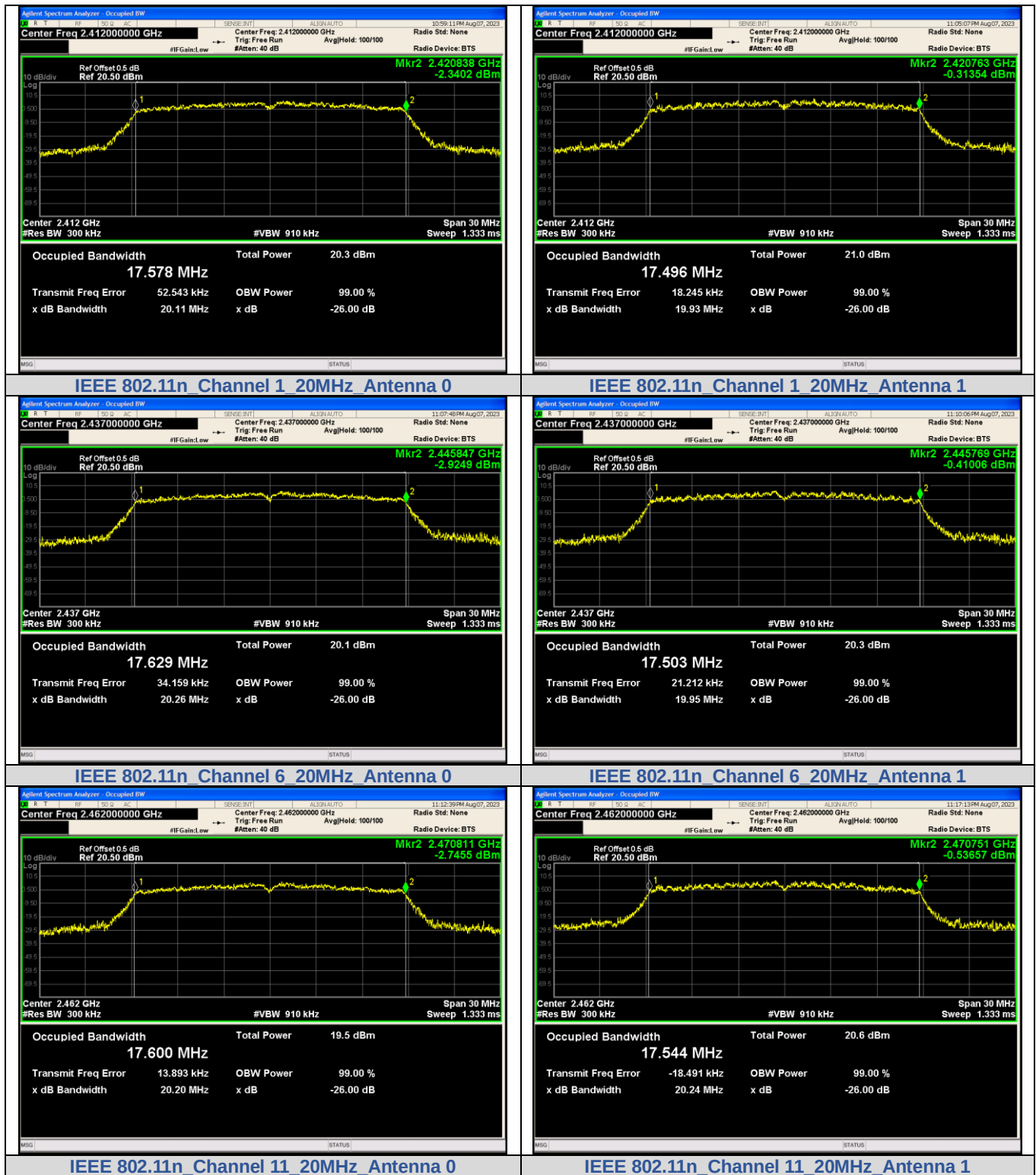
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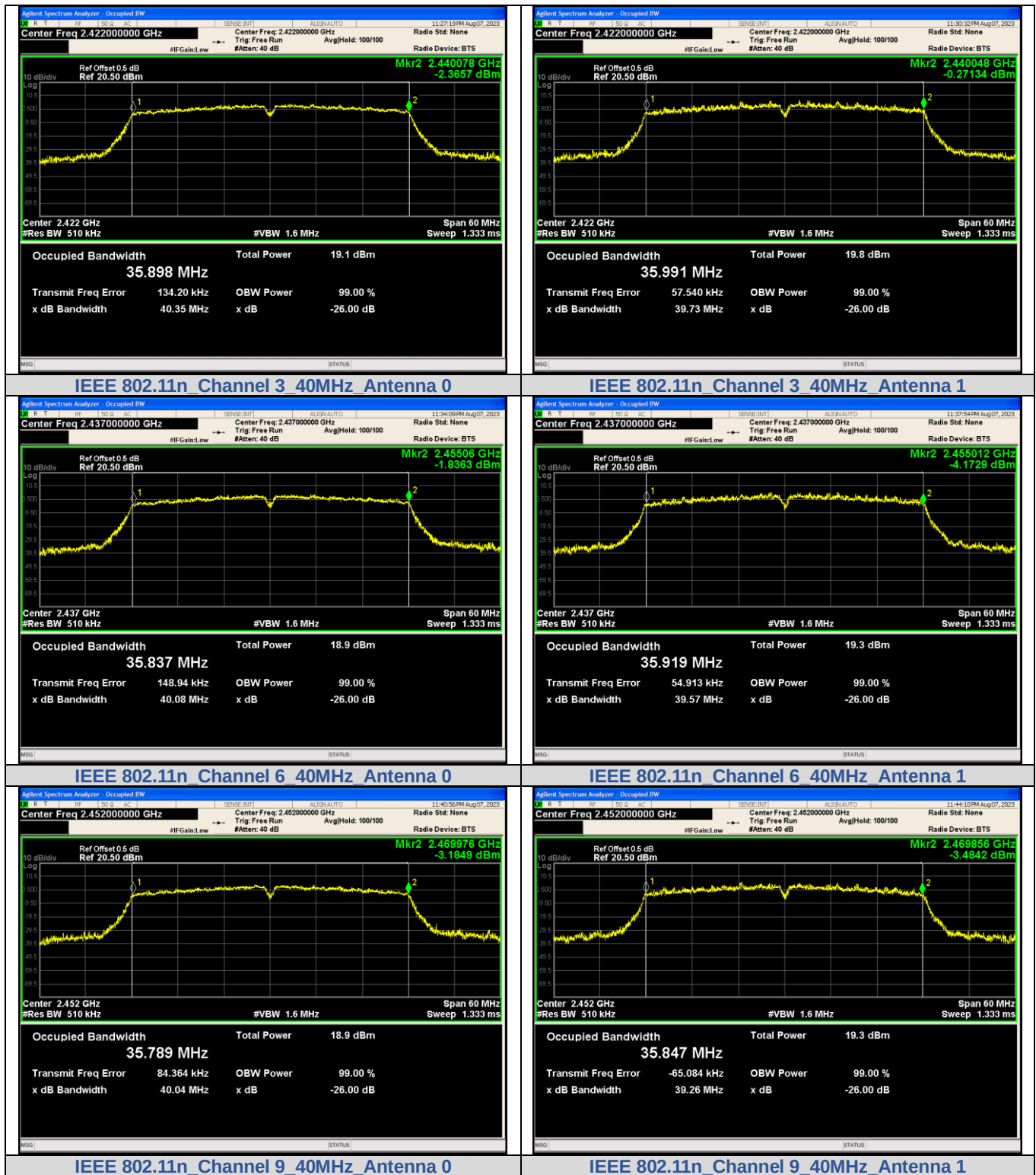
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