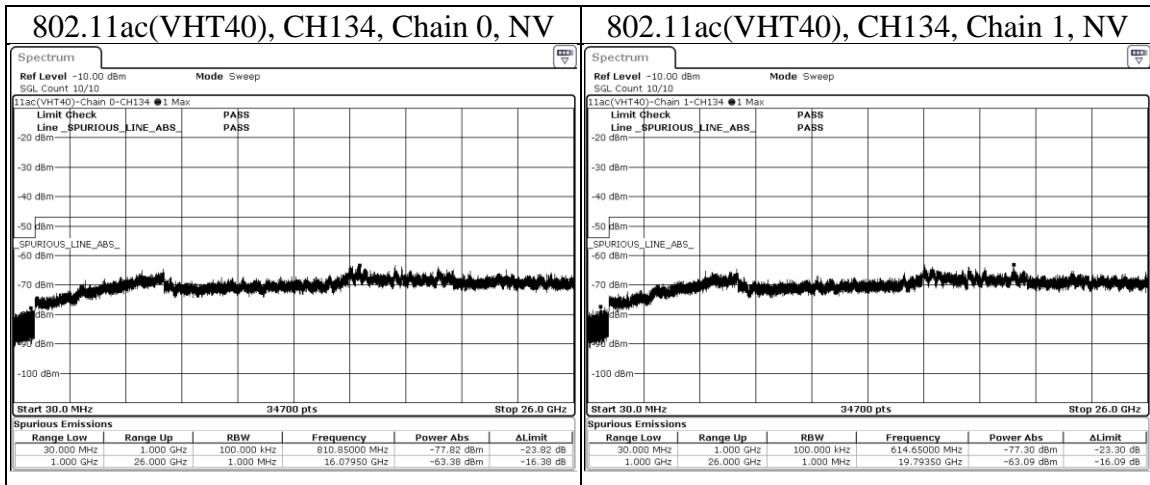




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Mode	Test Voltage	Result
802.11ac(VHT80)	NV	Pass

CH	Freq Range Low(MHz)	Freq Range Up(MHz)	Chain 0 Freq(MHz)	Chain 0 Level (dBm)	Chain 1 Freq(MHz)	Chain 1 Level (dBm)	Sum (dBm)	Limit (dBm)
42	30	1000	904.35	-70.48	896.25	-67.56	-65.77	-54.00
	1000	26000	15669	-62.52	15666	-63.54	-59.99	-47.00
58	30	1000	901.25	-69.27	896.55	-69.58	-66.41	-54.00
	1000	26000	19762	-62.93	16018	-63.45	-60.17	-47.00
106	30	1000	927.35	-77.24	986.65	-77.25	-74.23	-54.00
	1000	26000	17711	-63.5	16065	-62.64	-60.04	-47.00
122	30	1000	996.45	-76.46	859.65	-77.36	-73.87	-54.00
	1000	26000	19788	-63.83	17689	-63.73	-60.77	-47.00

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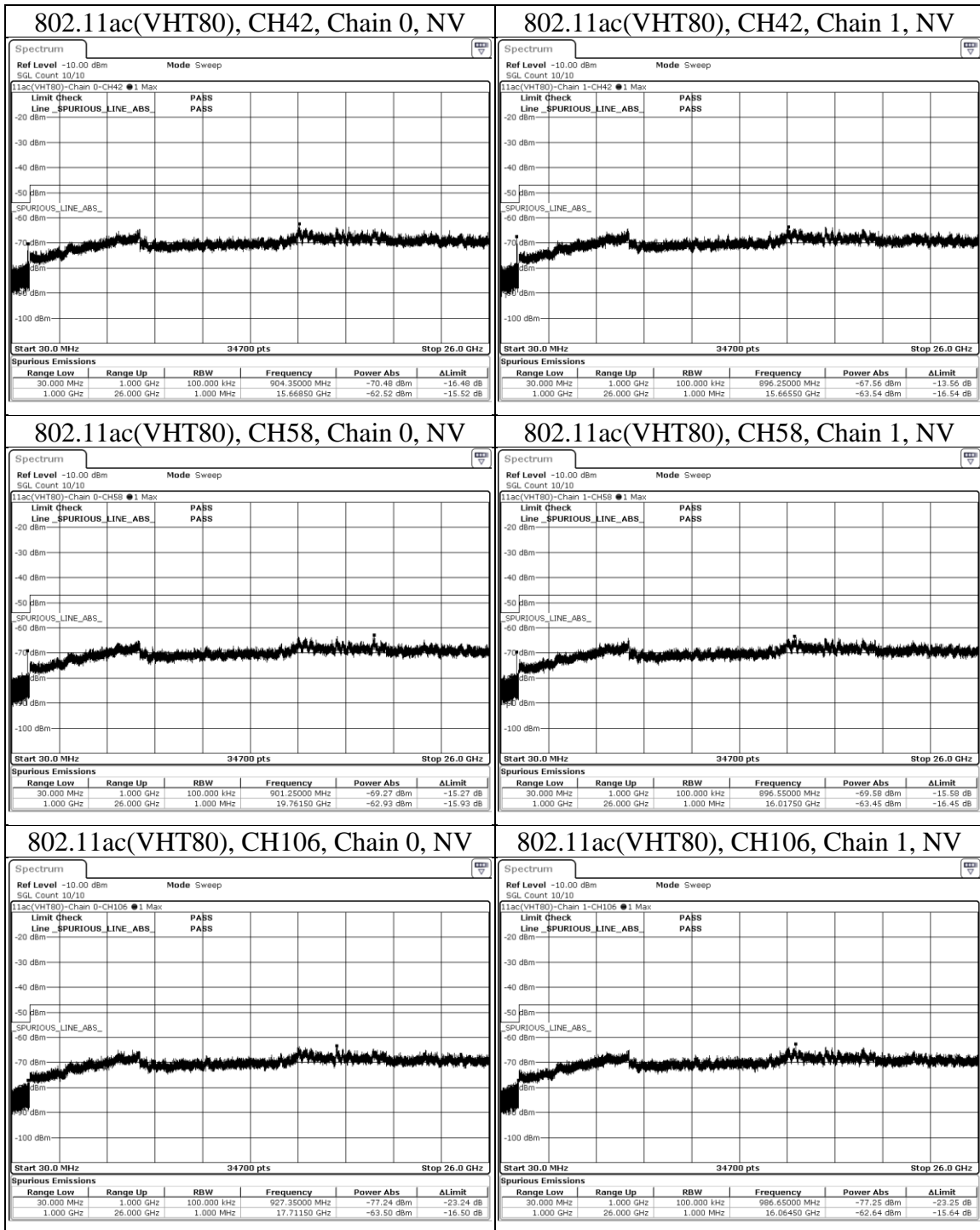
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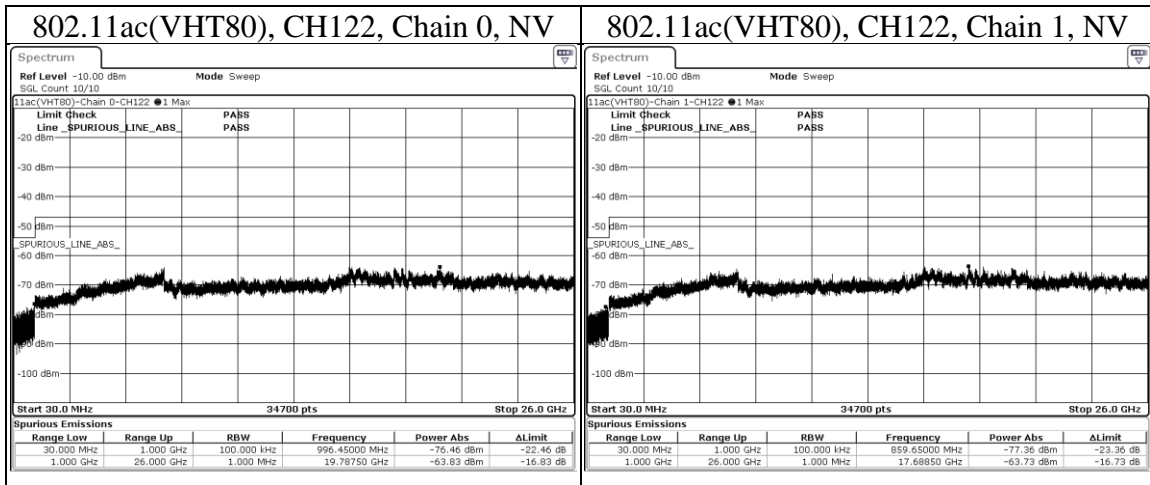
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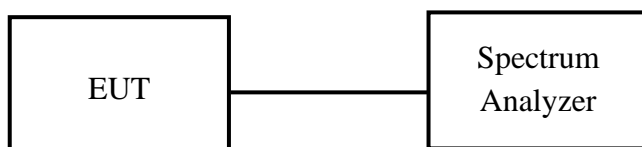


8.7 Burst Length

8.7.1 Requirements

Frequencies (MHz)	Limit
Transmitter Operating	≤ 8 ms

8.7.2 Test Setup





8.7.3 Test Results

Mode	Test Voltage	Result
802.11a	NV	Pass

CH	Freq (MHz)	Chain	Burst Length (sec)	Limit (sec)
36	5180	Chain 0	1.38m	8m
48	5240	Chain 0	1.39m	8m
52	5260	Chain 0	1.38m	8m
64	5320	Chain 0	1.37m	8m
100	5500	Chain 0	1.38m	8m
120	5600	Chain 0	1.38m	8m
140	5700	Chain 0	1.39m	8m

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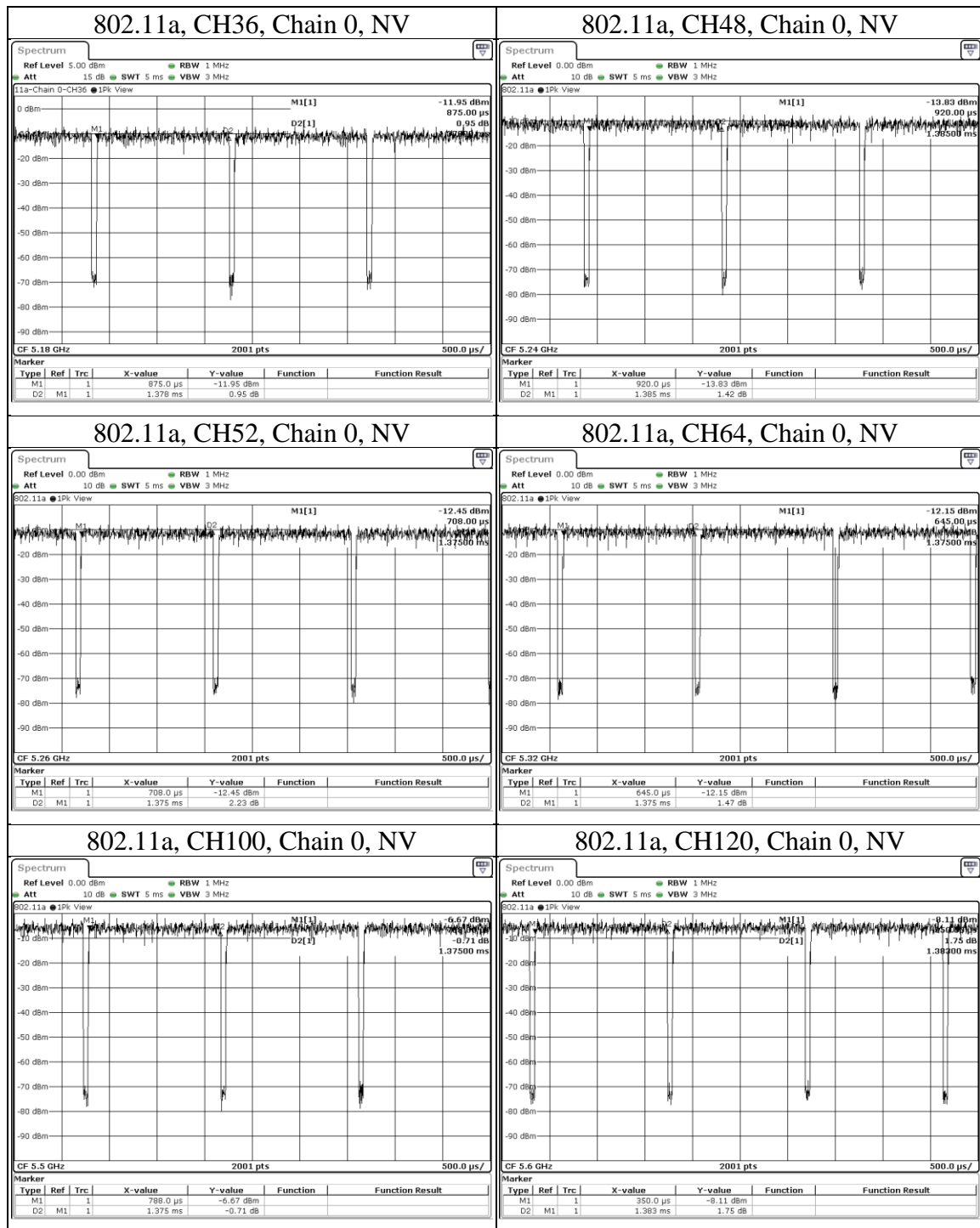
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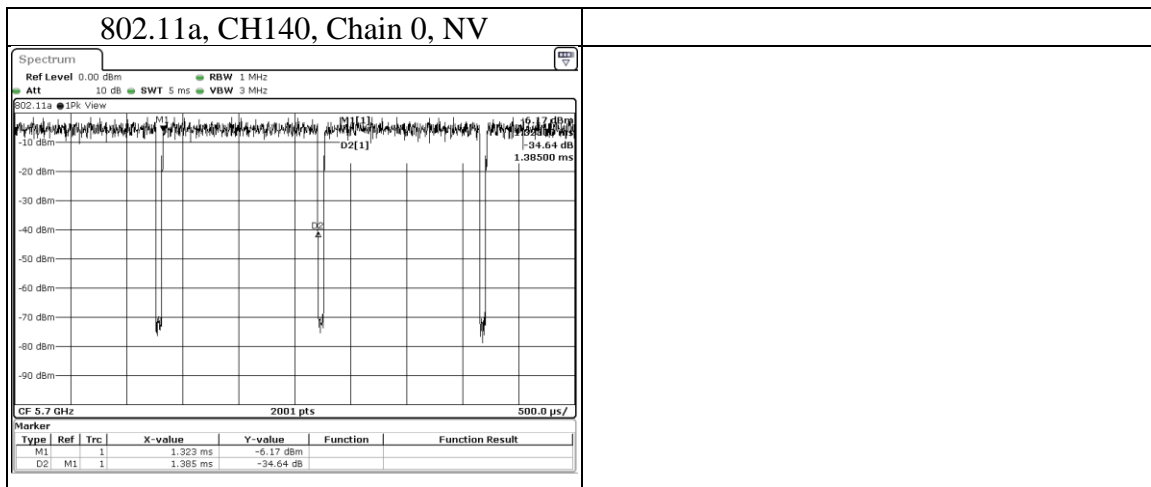
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Mode	Test Voltage	Result
802.11ac(VHT20)	NV	Pass

CH	Freq (MHz)	Chain	Burst Length (sec)	Limit (sec)
36	5180	Chain 0	1.30m	8m
48	5240	Chain 0	1.30m	8m
52	5260	Chain 0	1.30m	8m
64	5320	Chain 0	1.30m	8m
100	5500	Chain 0	1.30m	8m
120	5600	Chain 0	1.30m	8m
140	5700	Chain 0	1.30m	8m

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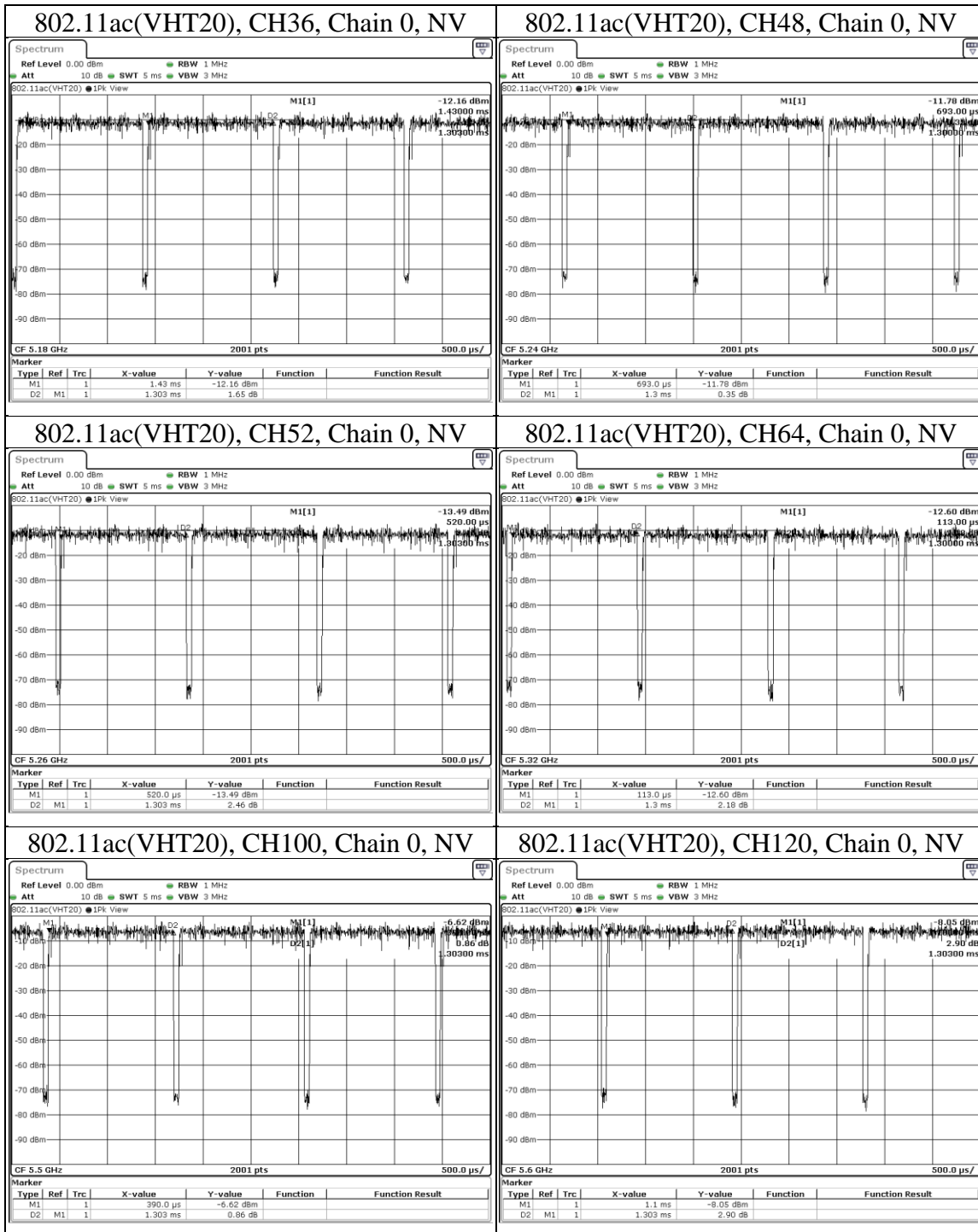
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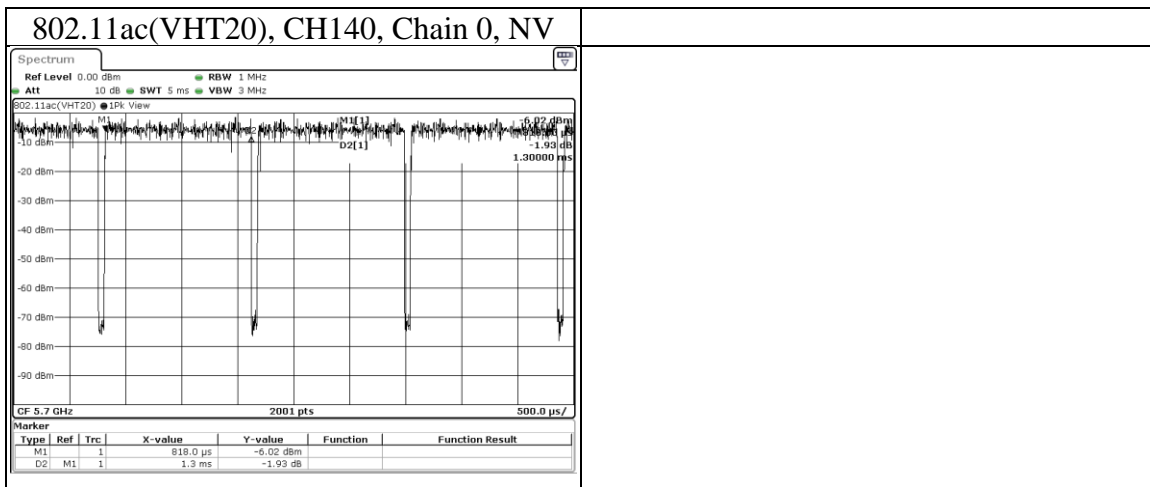
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Mode	Test Voltage	Result
802.11ac(VHT40)	NV	Pass

CH	Freq (MHz)	Chain	Burst Length (sec)	Limit (sec)
38	5190	Chain 0	652.50u	8m
46	5230	Chain 0	648.00u	8m
54	5270	Chain 0	649.50u	8m
62	5310	Chain 0	652.50u	8m
102	5510	Chain 0	651.00u	8m
118	5590	Chain 0	648.00u	8m
134	5670	Chain 0	652.50u	8m

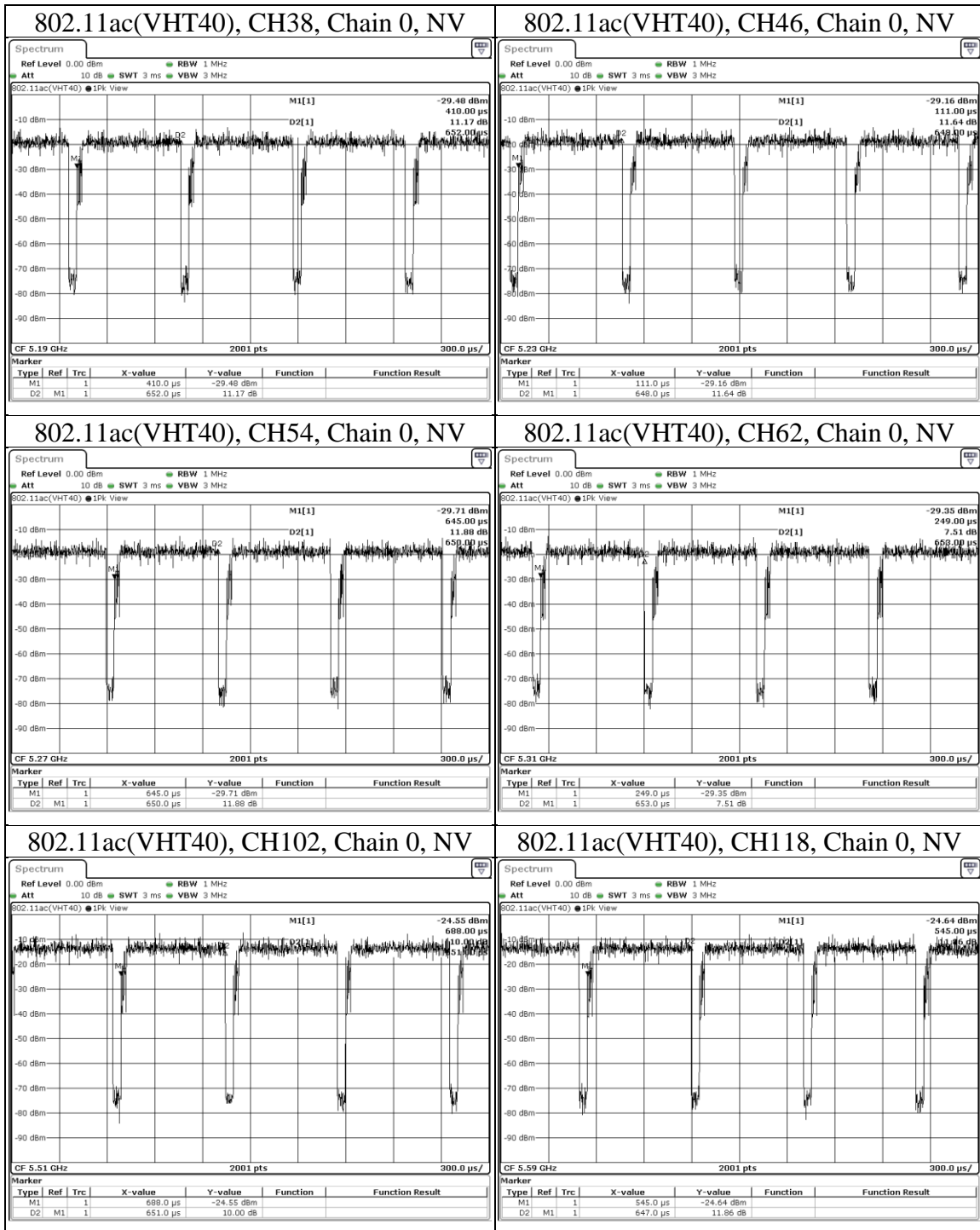
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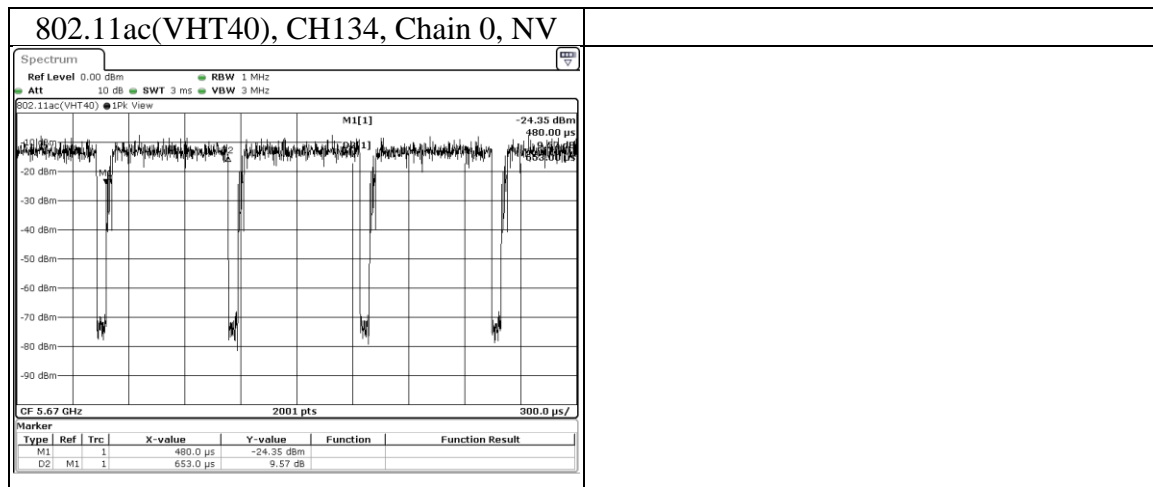
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Mode	Test Voltage	Result
802.11ac(VHT80)	NV	Pass

CH	Freq (MHz)	Chain	Burst Length (sec)	Limit (sec)
42	5210	Chain 0	325.00u	8m
58	5290	Chain 0	323.00u	8m
106	5530	Chain 0	323.00u	8m
122	5610	Chain 0	324.00u	8m

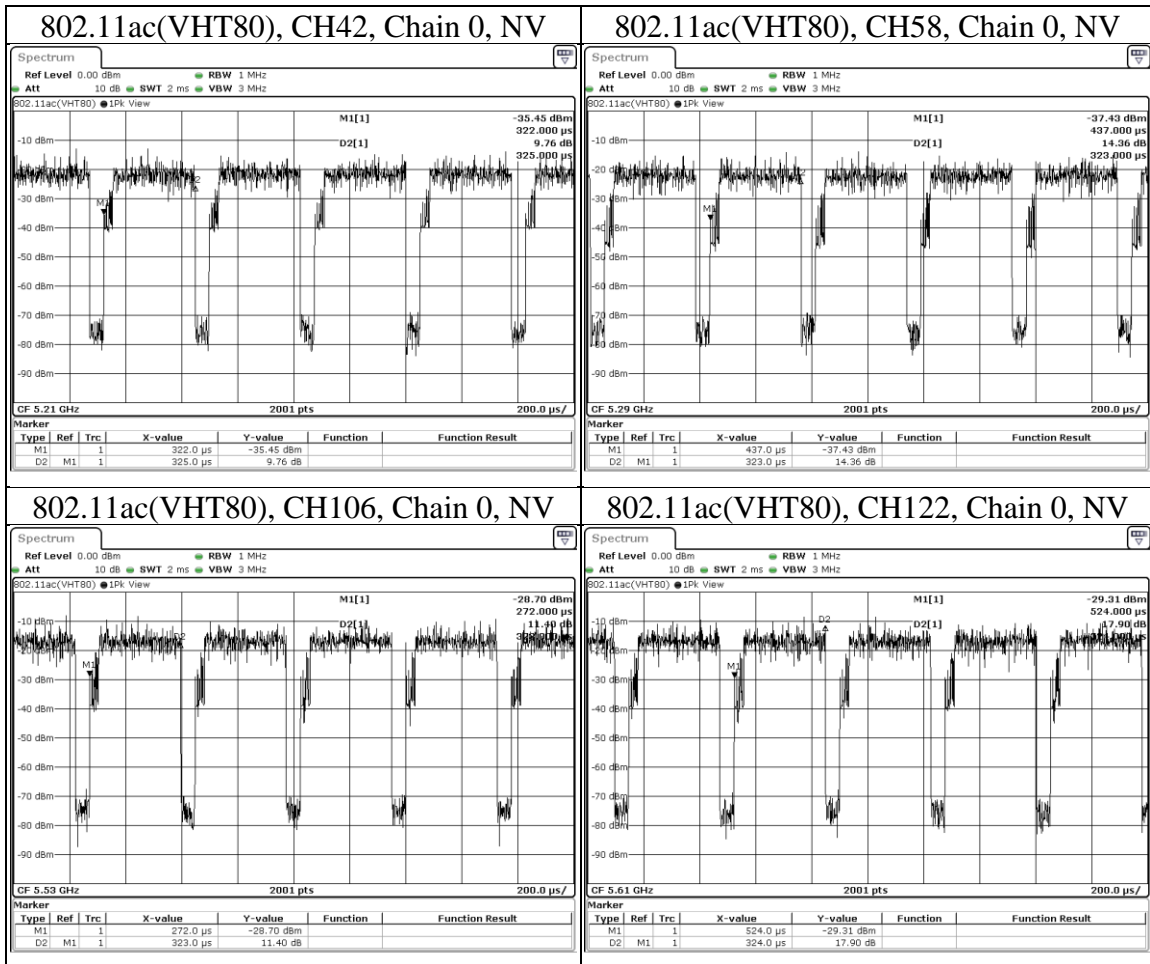
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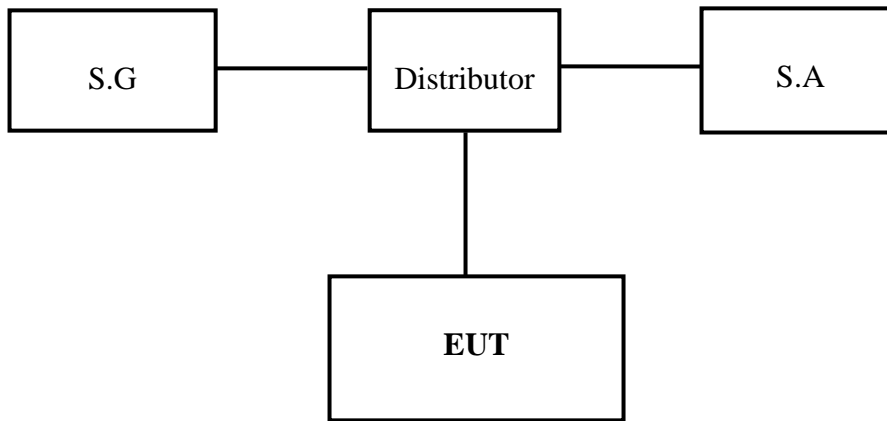


8.8 Carrier Sense Capability

8.8.1 Requirements

The device shall not transmit radio wave when it is receiving over 100mV/m.

8.8.2 Test Setup



8.8.3 Measurement Procedures

- Turn the standard signal generator output OFF. Leave the equipment under test to be ready for transmission and verify the transmission with the spectrum analyzer.
- Set the equipment under test to the receiving state.
- Turn the standard signal generator ON and leave the equipment under test to be ready for transmission and verify with the spectrum analyzer that no transmission is being made.



8.8.4 Level of Ambient Carrier

802.11a

Frequency (MHz)	Antenna Gain (dBi)	Pcs (dBm)
5180	5	-46.50
5240	5	-46.60
5260	5	-46.63
5320	5	-46.73
5500	5	-47.02
5600	5	-47.17
5700	5	-47.33

Note:

$Pcs (dBm) = 22.79 + Gr - 20\log(F)$.

Gr: Antenna gain.

F: Transmission frequency (MHz).

802.11ac (VHT20)

Frequency (MHz)	Antenna Gain (dBi)	Pcs (dBm)
5180	5	-46.50
5240	5	-46.60
5260	5	-46.63
5320	5	-46.73
5500	5	-47.02
5600	5	-47.17
5700	5	-47.33

Note:

$Pcs (dBm) = 22.79 + Gr - 20\log(F)$.

Gr: Antenna gain.

F: Transmission frequency (MHz).



802.11ac (VHT40)

Frequency (MHz)	Antenna Gain (dBi)	Pcs (dBm)
5190	5	-46.51
5230	5	-46.58
5270	5	-46.65
5310	5	-46.71
5510	5	-47.03
5590	5	-47.16
5670	5	-47.28

Note:

$Pcs (dBm) = 22.79 + Gr - 20\log(F)$.

Gr: Antenna gain

F: Transmission frequency (MHz).

802.11ac (VHT80)

Frequency (MHz)	Antenna Gain (dBi)	Pcs (dBm)
5210	5	-46.55
5290	5	-46.68
5530	5	-47.06
5610	5	-47.19

Note:

$Pcs (dBm) = 22.79 + Gr - 20\log(F)$.

Gr: Antenna gain

F: Transmission frequency (MHz).

8.8.5 Test Results

PASS

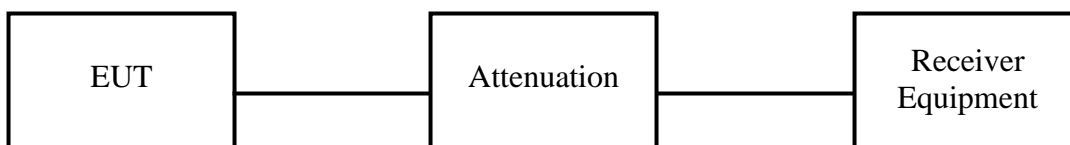


8.9 Interference Prevention Function

8.9.1 Requirements

Radio equipment used mainly on the same premises and automatically transmits or receives identification code.

8.9.2 Test Setup

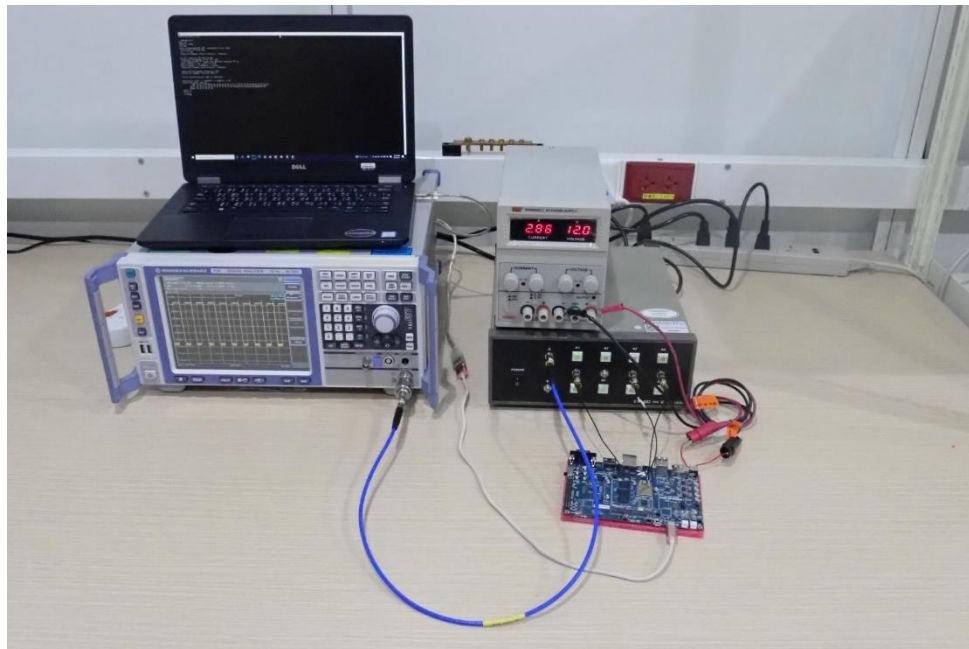


8.9.3 Test Results

Link Mode	Test Result
Normal	PASS



9 Conducted Emission Measurement Setup Configurations



END OF REPORT

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