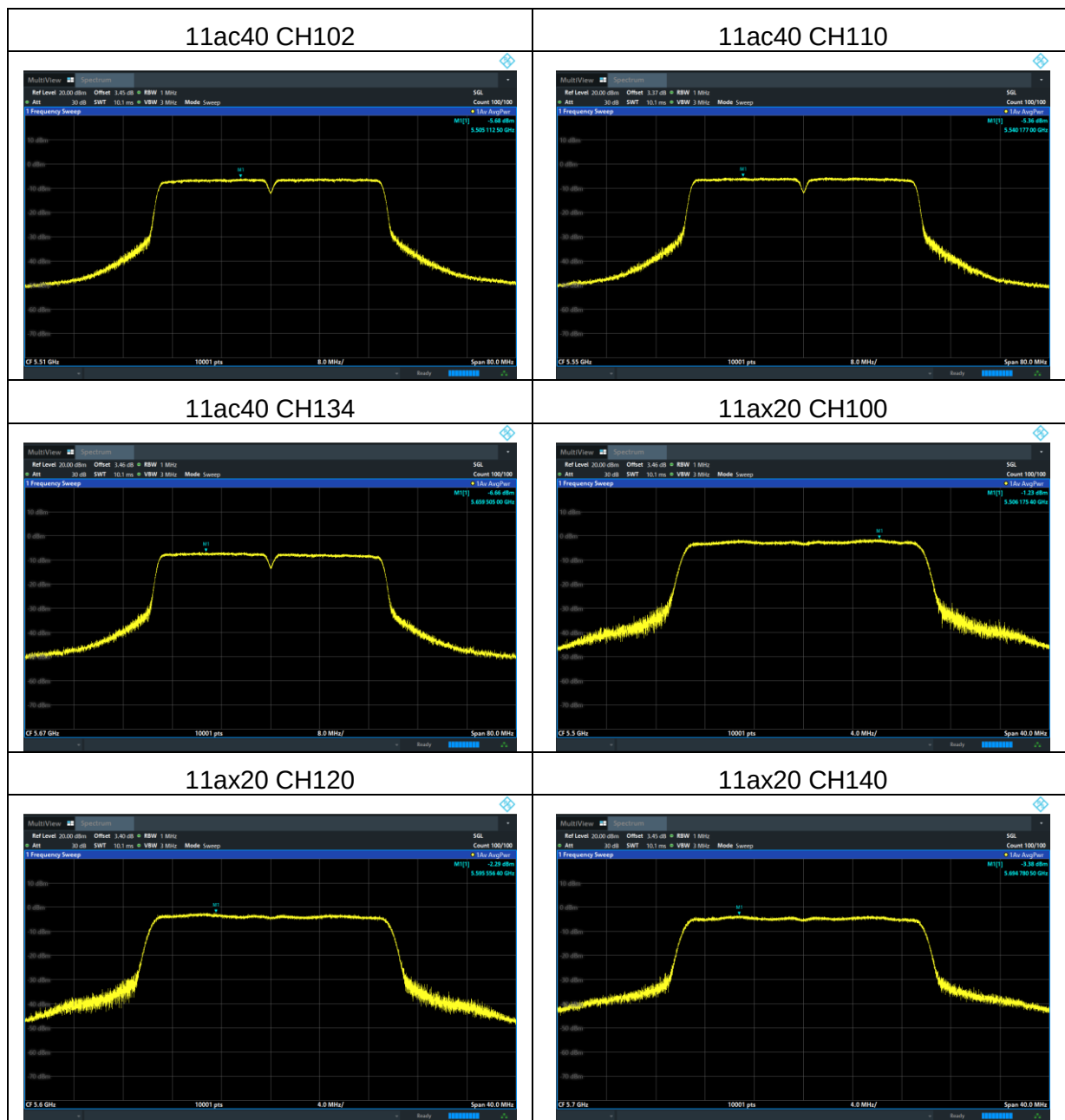
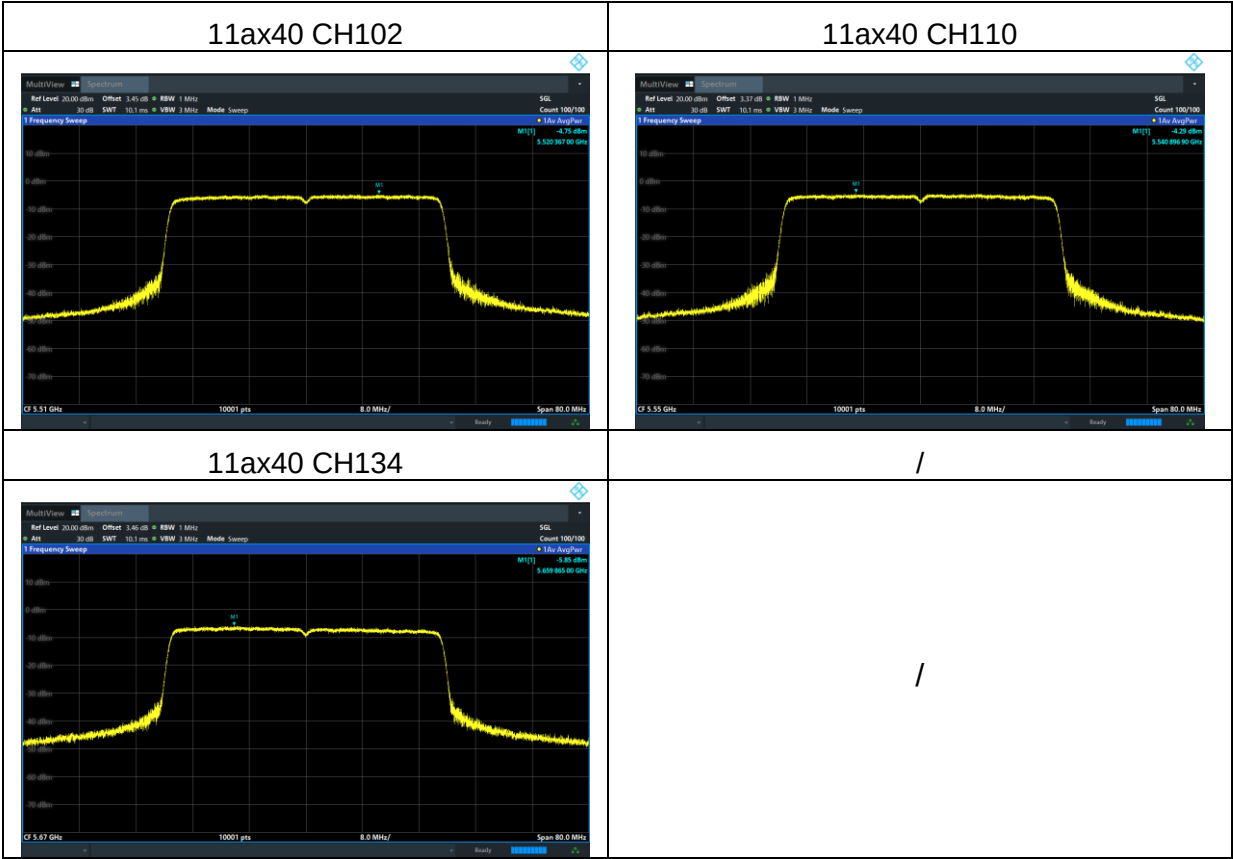
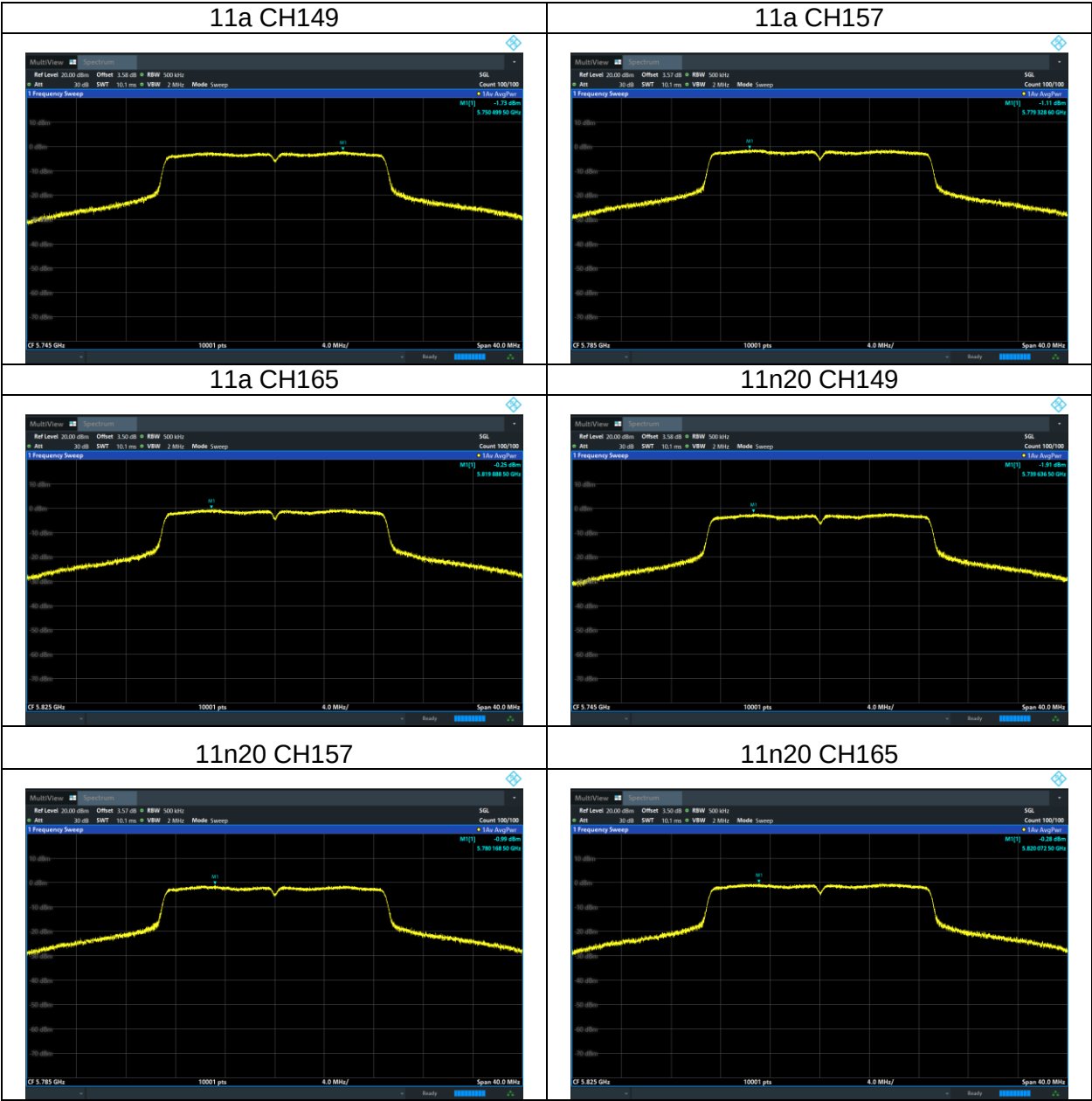
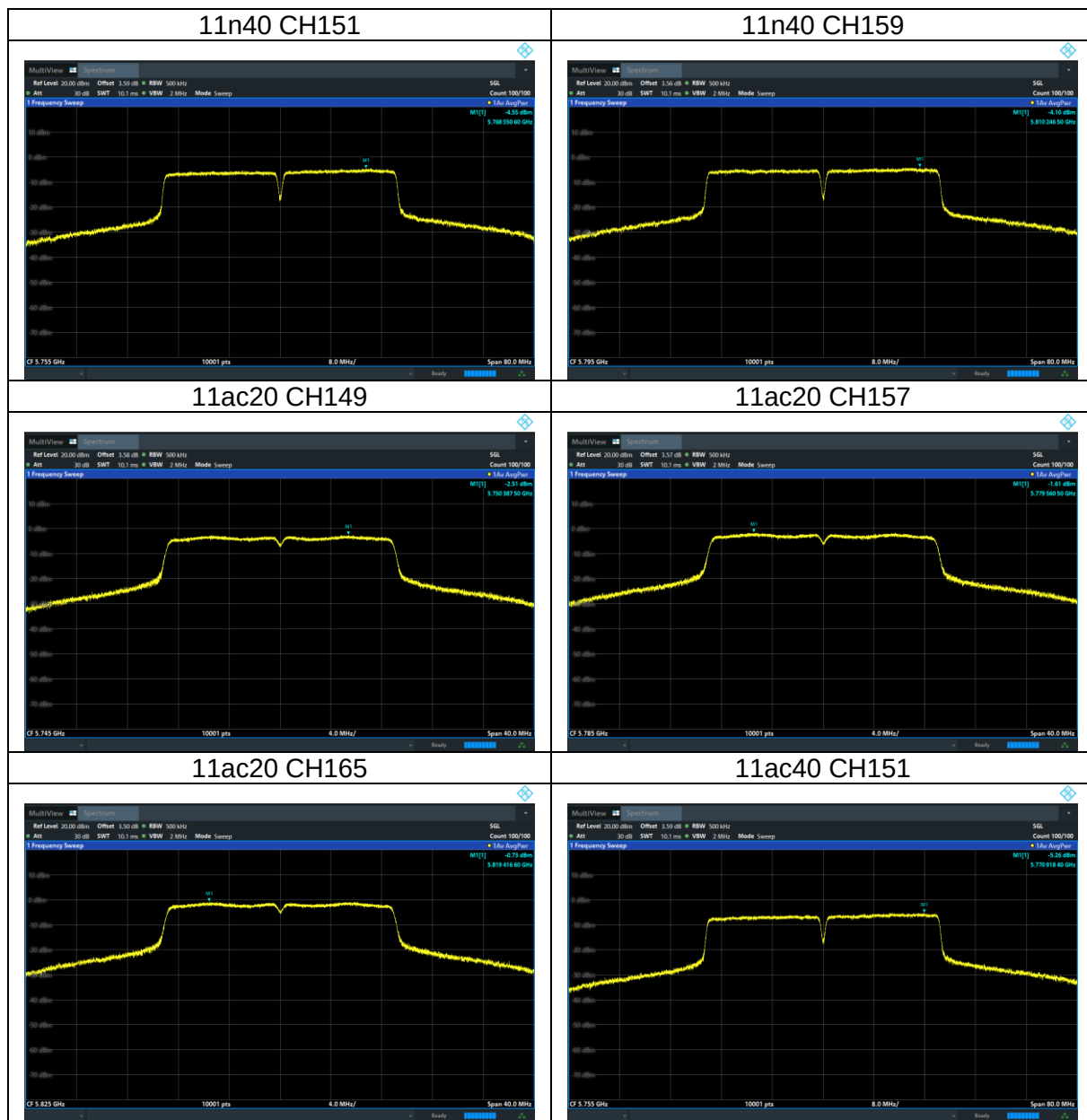






Test plots
For U-NII-3







5.6 26dB Emission Bandwidth and Occupied bandwidth

5.6.1 Limit

For purposes of this subpart the emission bandwidth shall be determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of the modulated carrier

5.6.2 Test Procedure

26dB Emission bandwidth

Set RBW = approximately 1% of the emission bandwidth.

Set VBW $\geq 3 \times \text{RBW}$

Detector = Peak.

Trace mode = Max hold.

Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

Set Span = 1.5 times to 5.0 times the OBW

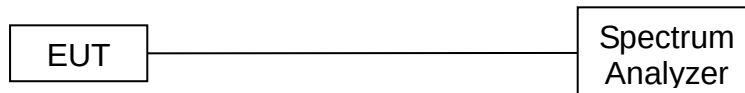
Set RBW = 1% to 5% of the OBW.

Set VBW $\geq 3 \times \text{RBW}$, Detector = Peak.

Trace mode = Max hold.

Use the 99% power bandwidth function of the instrument.

5.6.3 Test Setup

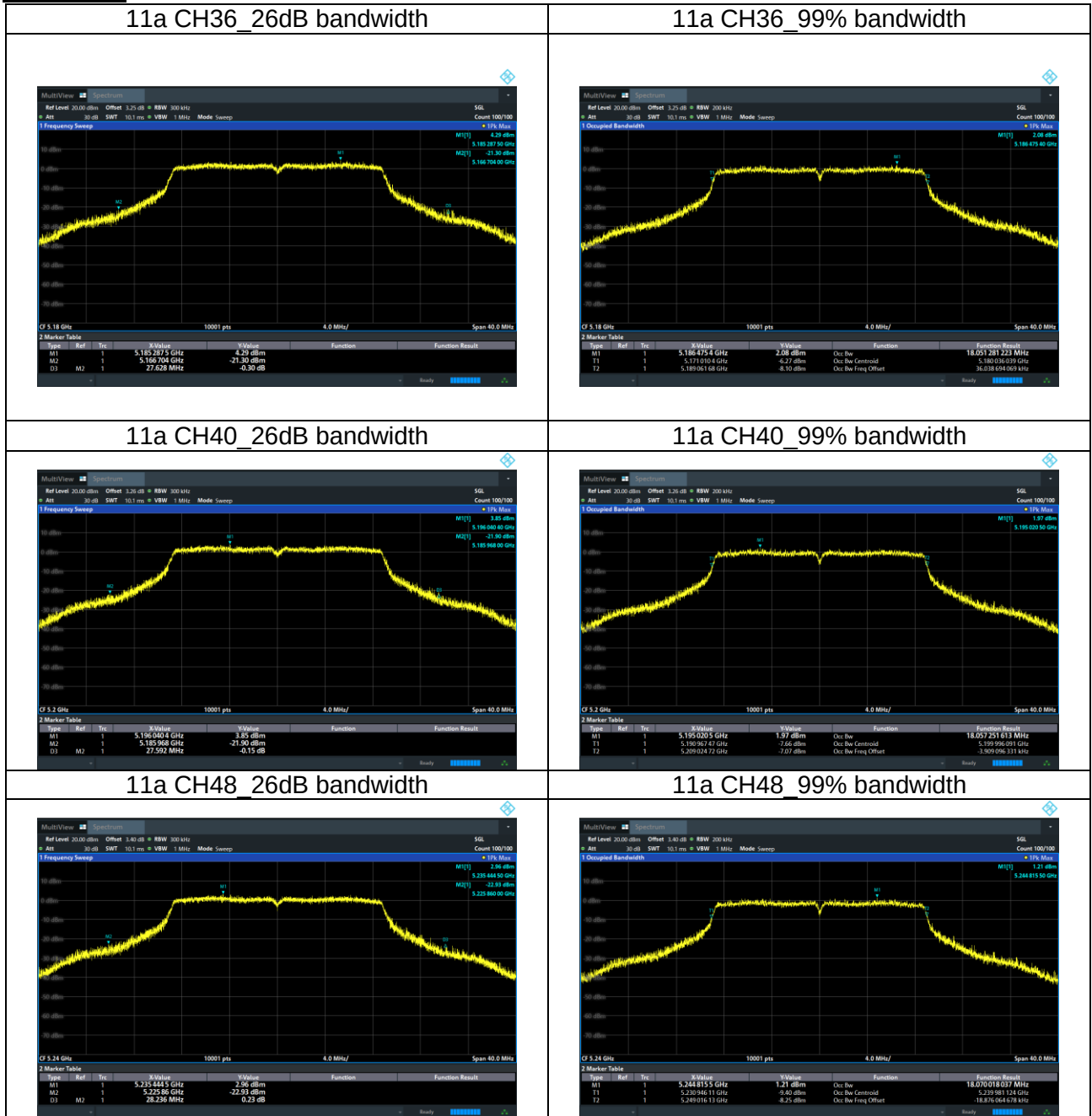


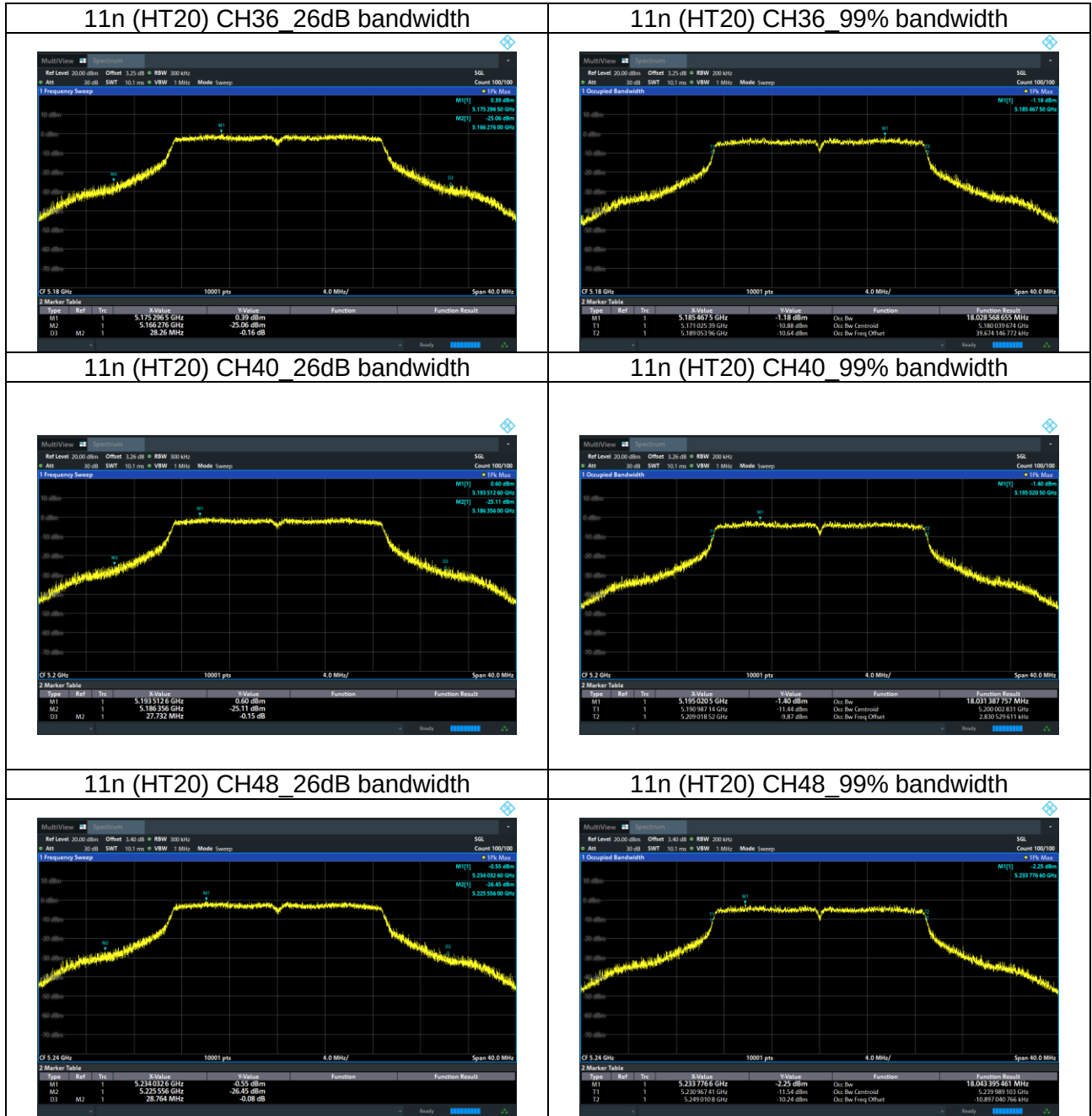
5.6.4 Test Results

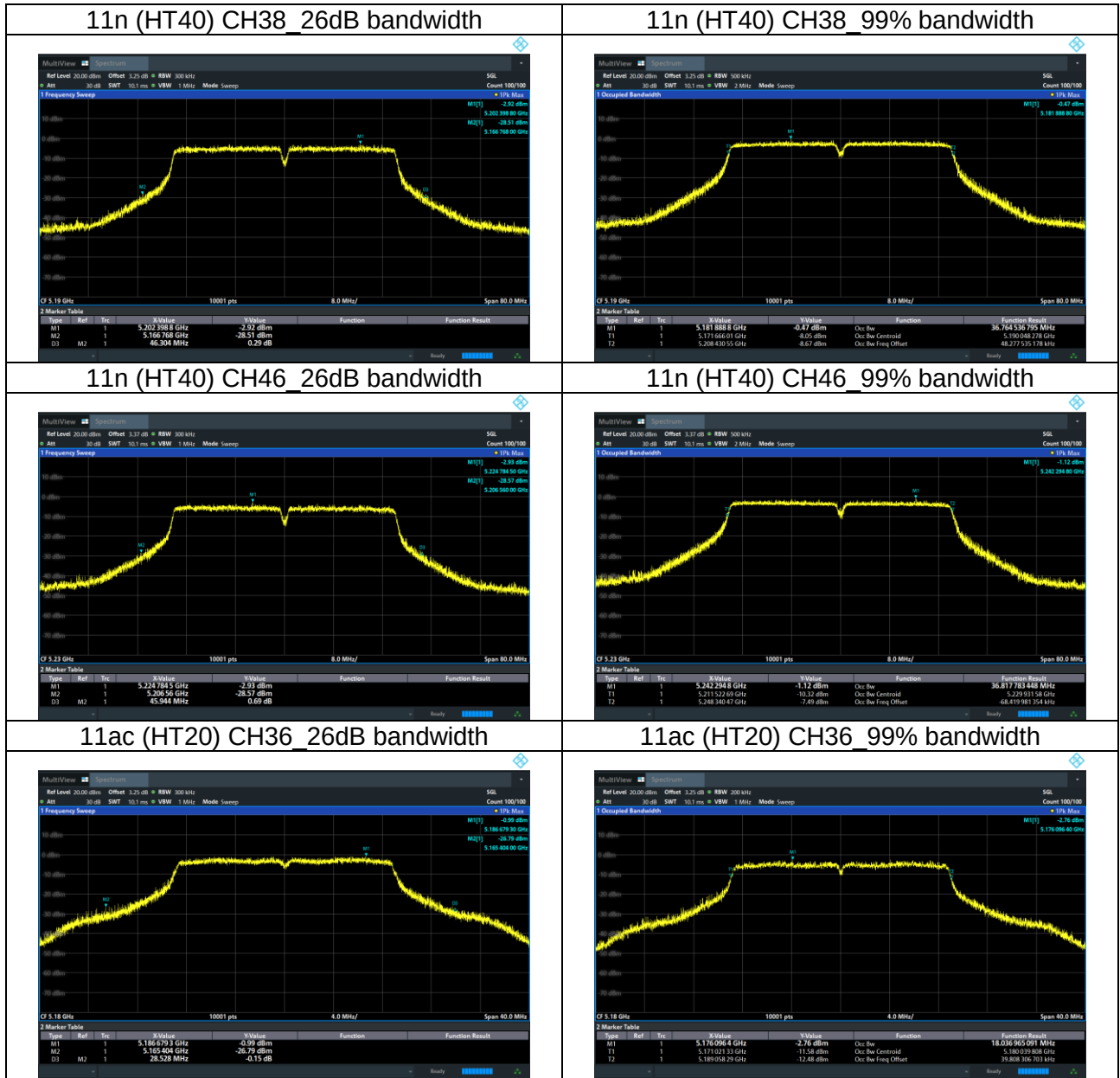
For U-NII-1

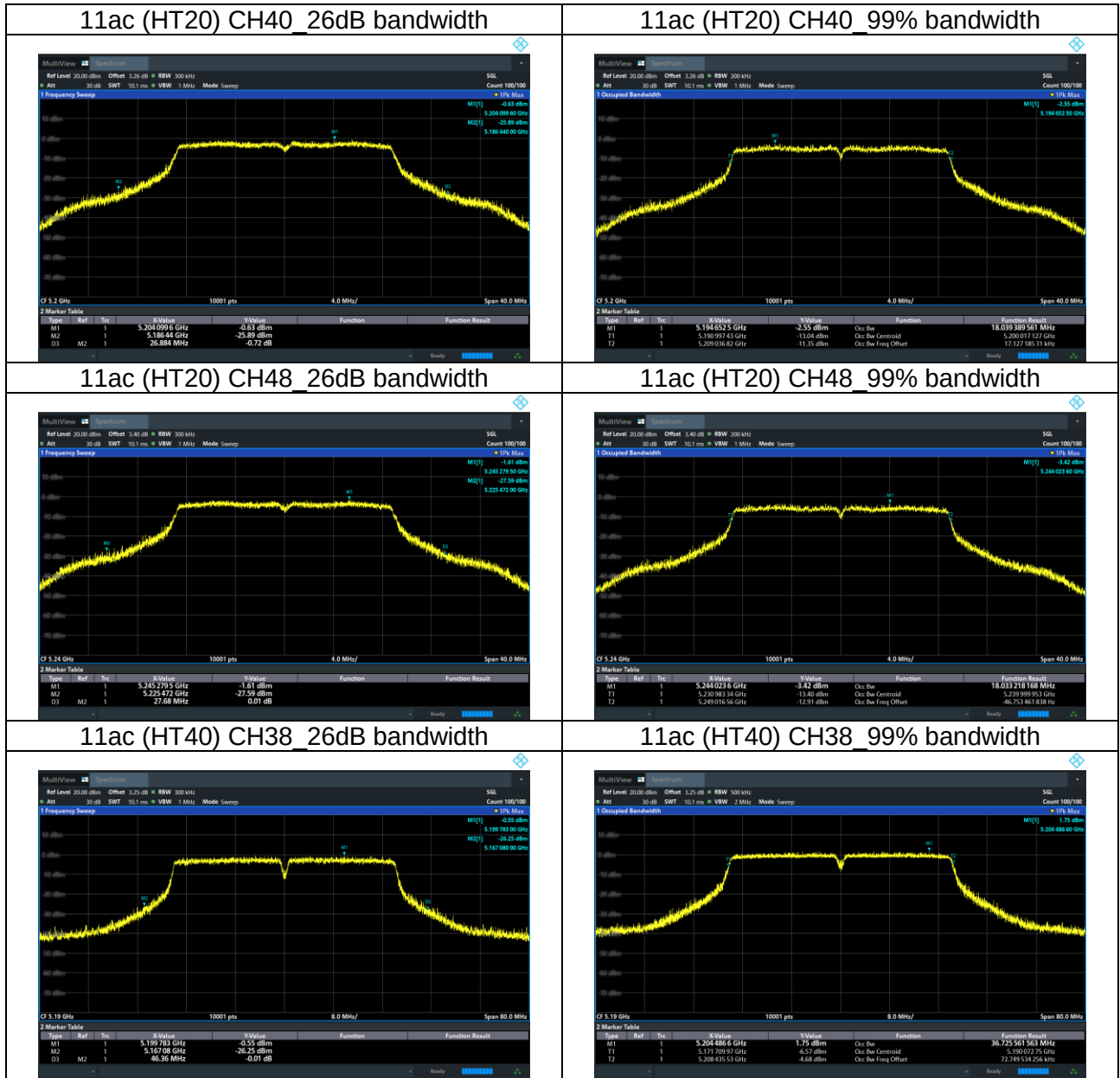
Channel	Test Channel	Frequency (MHz)	26dB bandwidth (MHz)	Limit (kHz)	99% bandwidth	Limit (kHz)	Result
11a	CH36	5180	27.628	/	18.051	/	Pass
11a	CH40	5200	27.592	/	18.057	/	Pass
11a	CH48	5240	28.236	/	18.07	/	Pass
11n (HT20)	CH36	5180	28.26	/	18.029	/	Pass
11n (HT20)	CH40	5200	27.732	/	18.031	/	Pass
11n (HT20)	CH48	5240	28.764	/	18.043	/	Pass
11n (HT40)	CH38	5190	46.304	/	36.765	/	Pass
11n (HT40)	CH46	5230	45.944	/	36.818	/	Pass
11ac (HT20)	CH36	5180	28.528	/	18.037	/	Pass
11ac (HT20)	CH40	5200	26.884	/	18.039	/	Pass
11ac (HT20)	CH48	5240	27.68	/	18.033	/	Pass
11ac (HT40)	CH38	5190	46.36	/	36.726	/	Pass
11ac (HT40)	CH46	5230	46.672	/	36.784	/	Pass
11ax (HE20)	CH36	5180	26.068	/	19.192	/	Pass
11ax (HE20)	CH40	5200	26.24	/	19.174	/	Pass
11ax (HE20)	CH48	5240	26.908	/	19.18	/	Pass
11ax (HE40)	CH38	5190	44.136	/	37.933	/	Pass
11ac (HE40)	CH46	5230	45.456	/	37.987	/	Pass

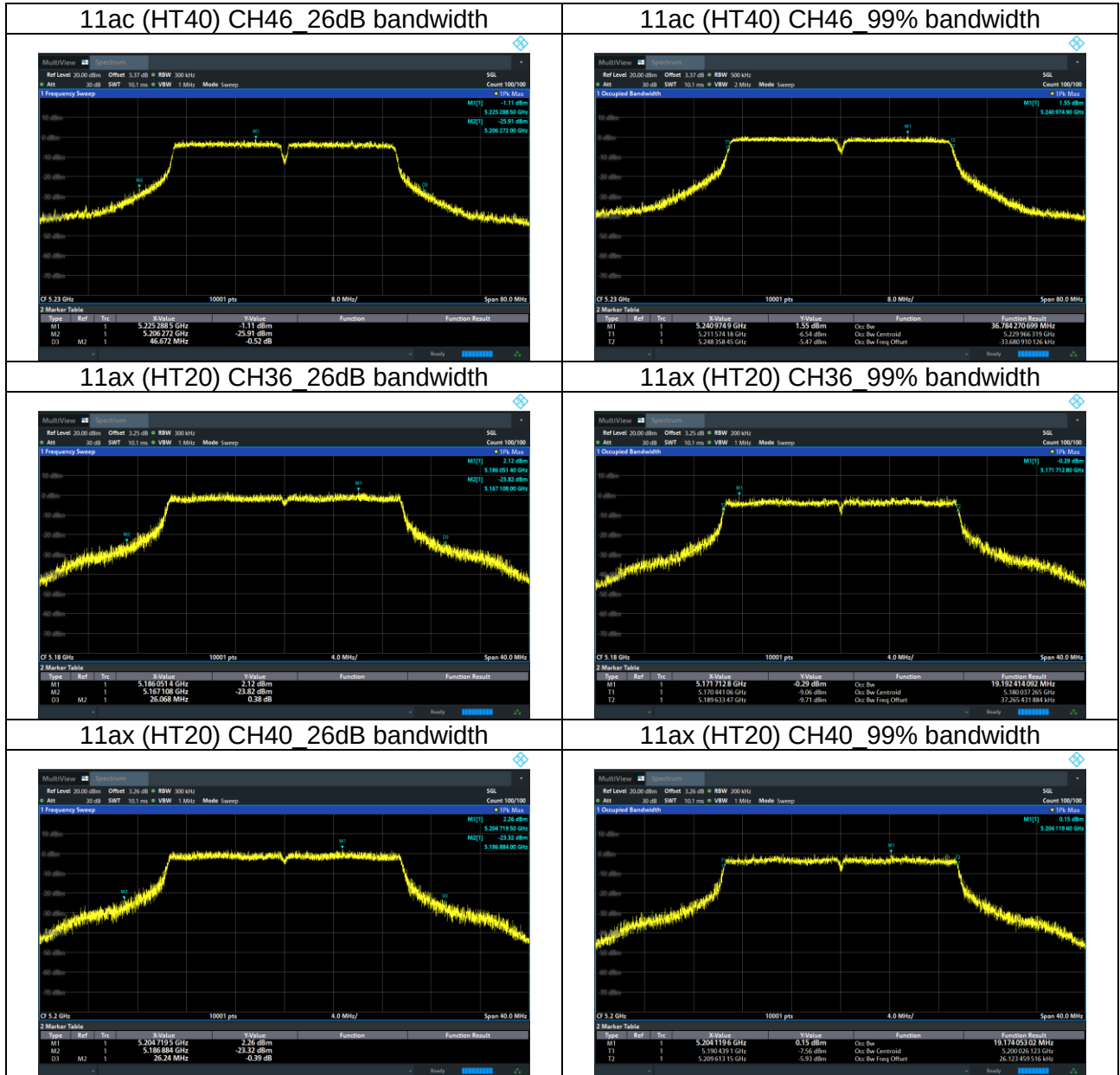
Test plots:
For U-NII-1

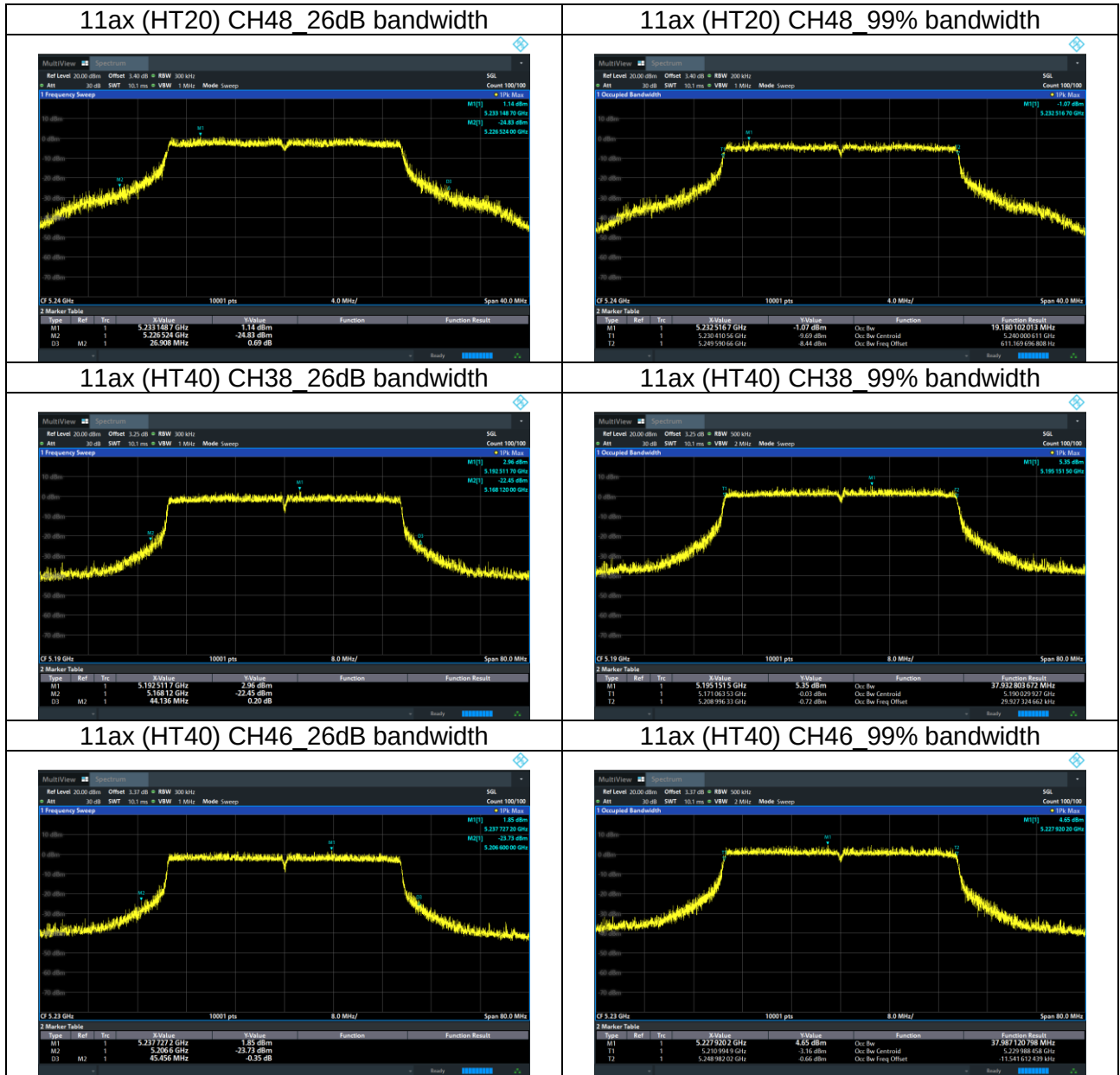












U-NII-2A

Channel	Test Channel	Frequency (MHz)	26dB bandwidth (MHz)	Limit (kHz)	99% bandwidth	Limit (kHz)	Result
11a	CH52	5260	27.376	/	18.119	/	Pass
11a	CH56	5280	28.628	/	18.101	/	Pass
11a	CH64	5320	28.012	/	18.047	/	Pass
11n (HT20)	CH52	5260	27.436	/	18.095	/	Pass
11n (HT20)	CH56	5280	28.108	/	18.09	/	Pass
11n (HT20)	CH64	5320	29.004	/	18.057	/	Pass
11n (HT40)	CH54	5270	47.416	/	36.981	/	Pass
11n (HT40)	CH62	5310	46.024	/	36.888	/	Pass
11ac (HT20)	CH52	5260	26.68	/	18.083	/	Pass
11ac (HT20)	CH56	5280	26.964	/	18.068	/	Pass
11ac (HT20)	CH64	5320	27.432	/	18.044	/	Pass
11ac (HT40)	CH54	5270	46.928	/	36.861	/	Pass
11ac (HT40)	CH62	5310	46.112	/	36.773	/	Pass
11ax (HE20)	CH52	5260	26.328	/	19.195	/	Pass
11ax (HE20)	CH56	5280	27.156	/	19.19	/	Pass
11ax (HE20)	CH64	5320	27.304	/	19.188	/	Pass
11ax (HE40)	CH54	5270	44.752	/	38.045	/	Pass
11ax (HE40)	CH62	5310	45.392	/	37.981	/	Pass

Test plots:

U-NII-2A

