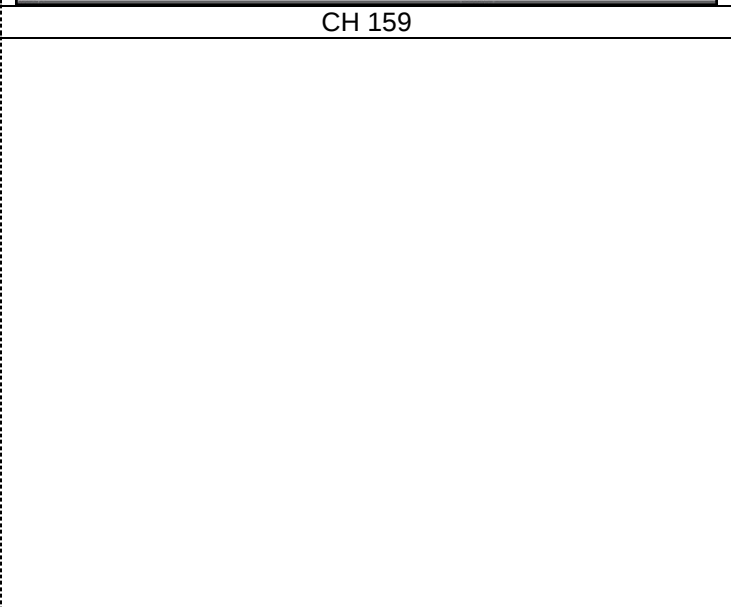
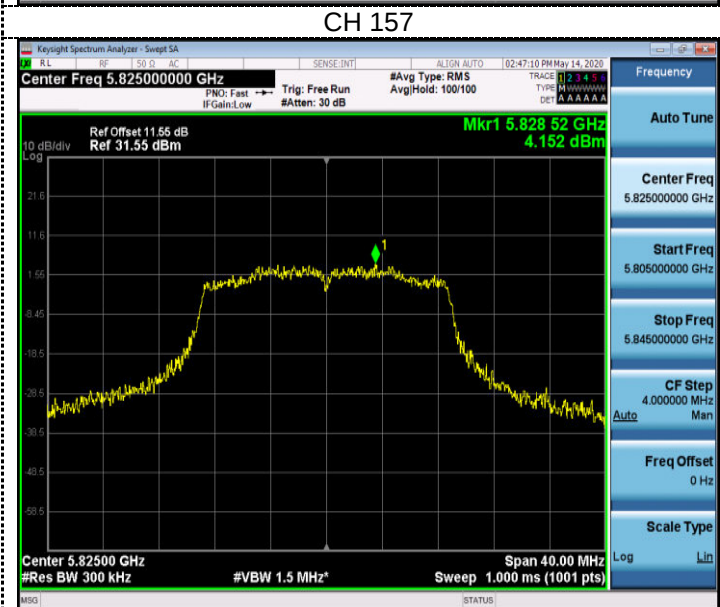
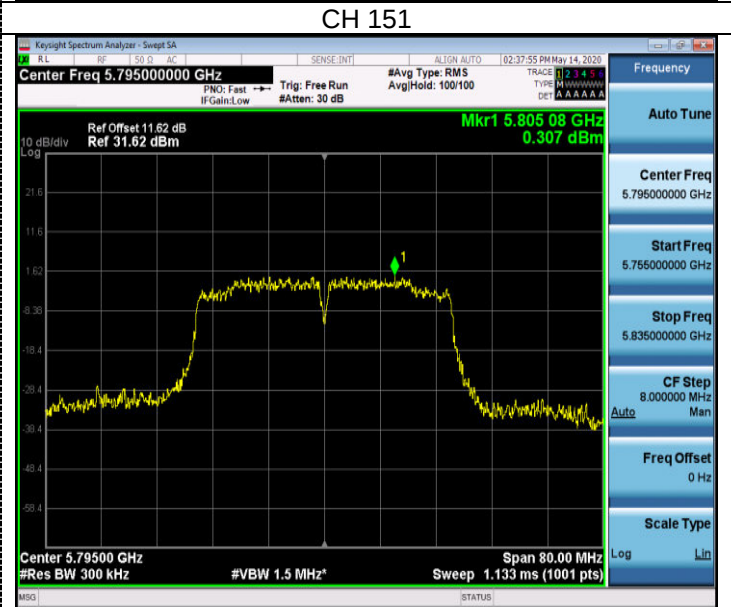
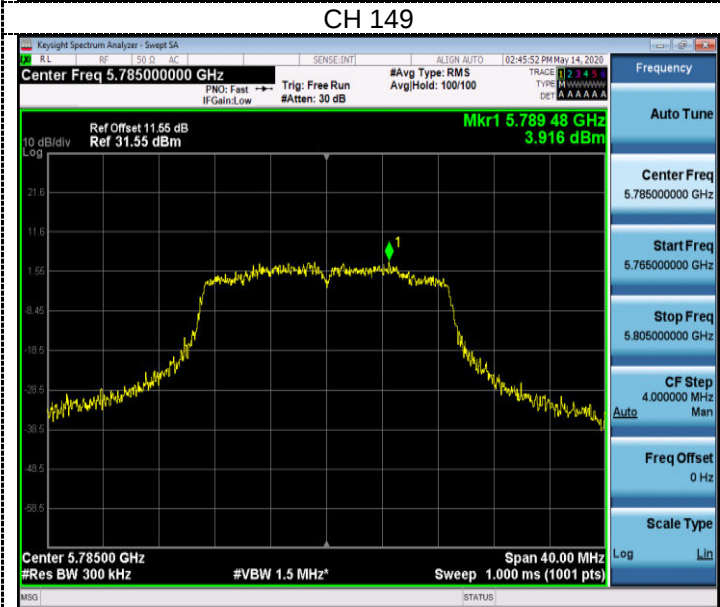
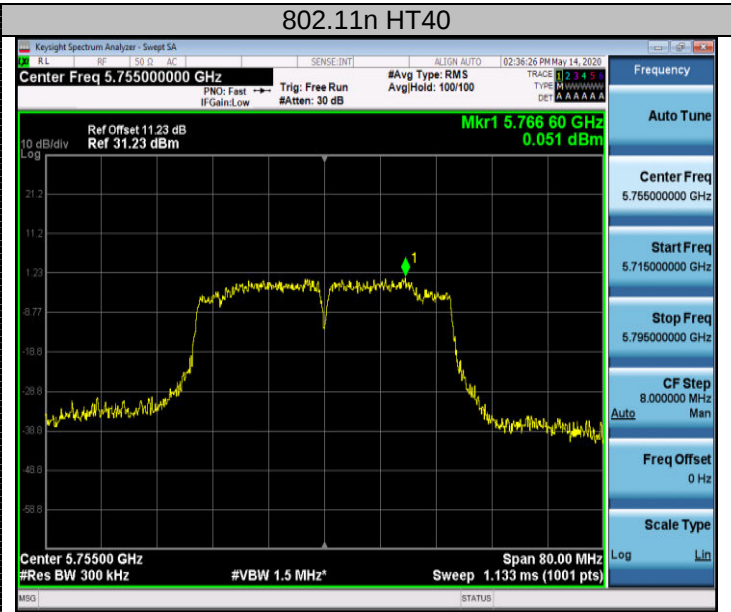
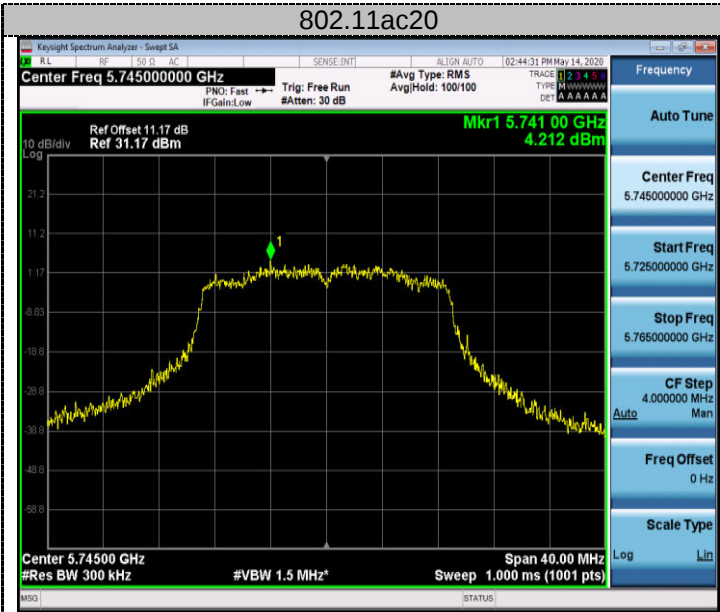
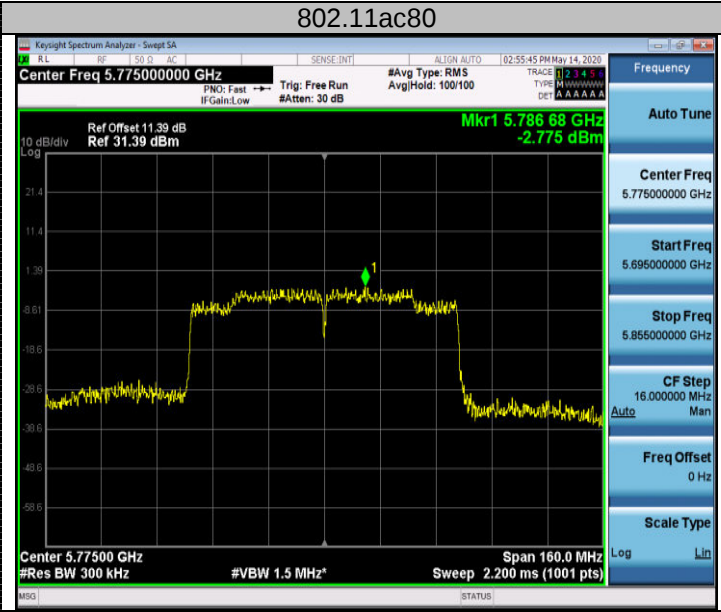
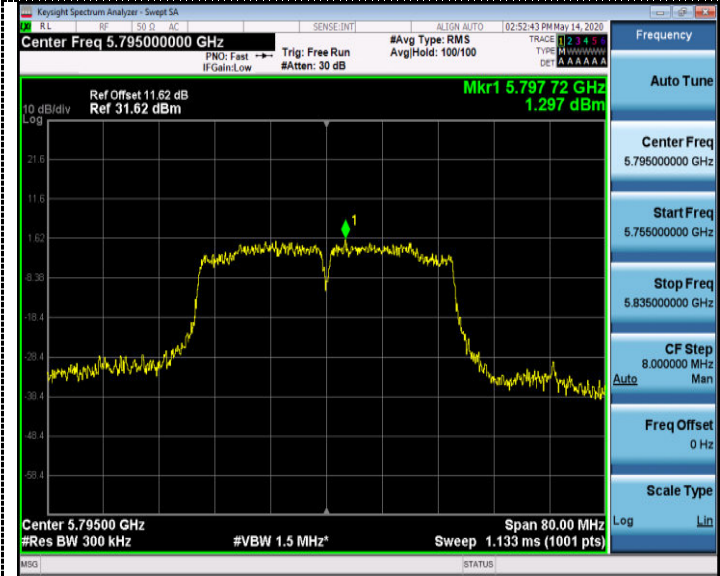




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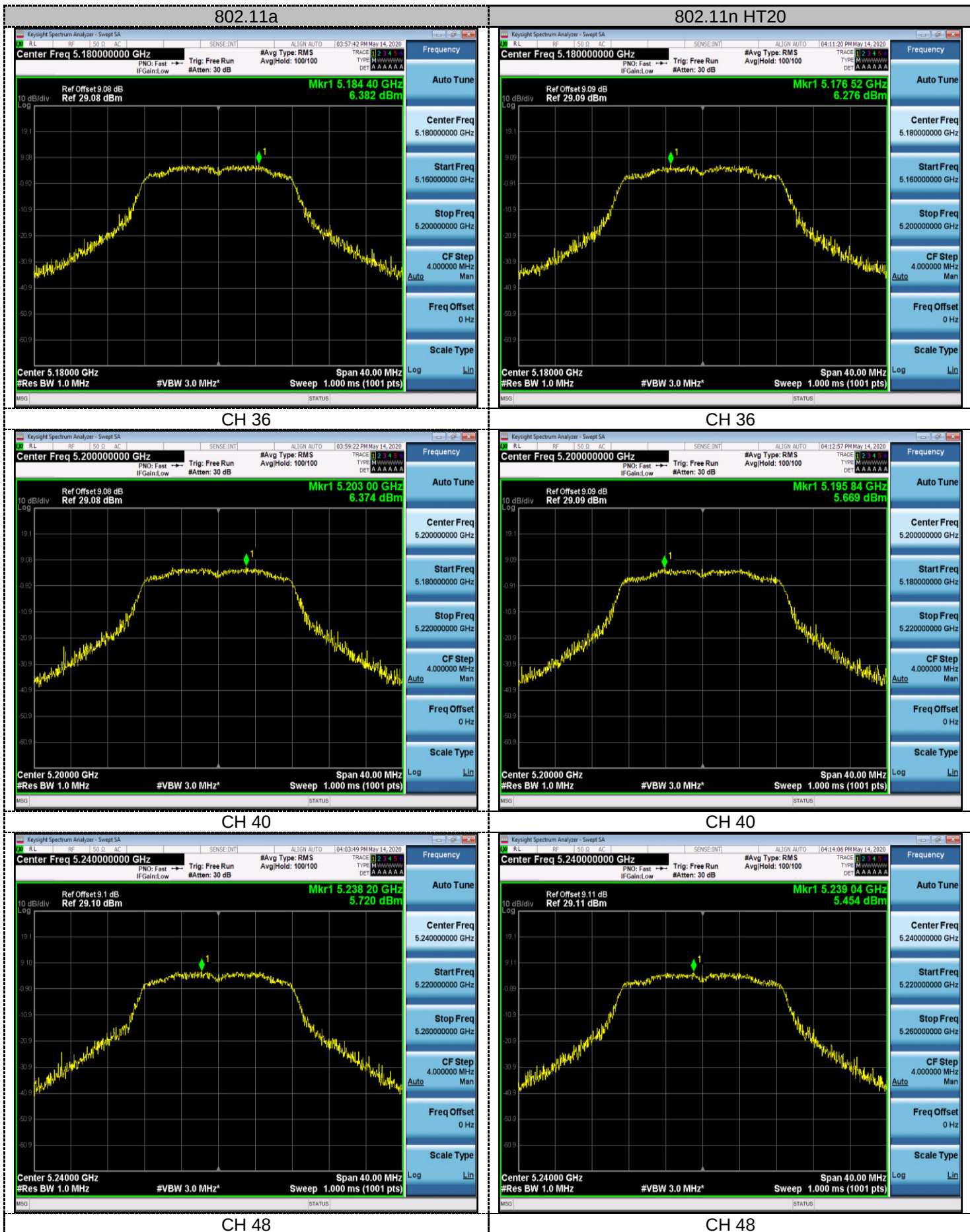


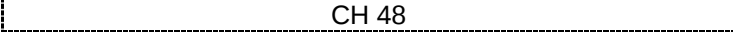
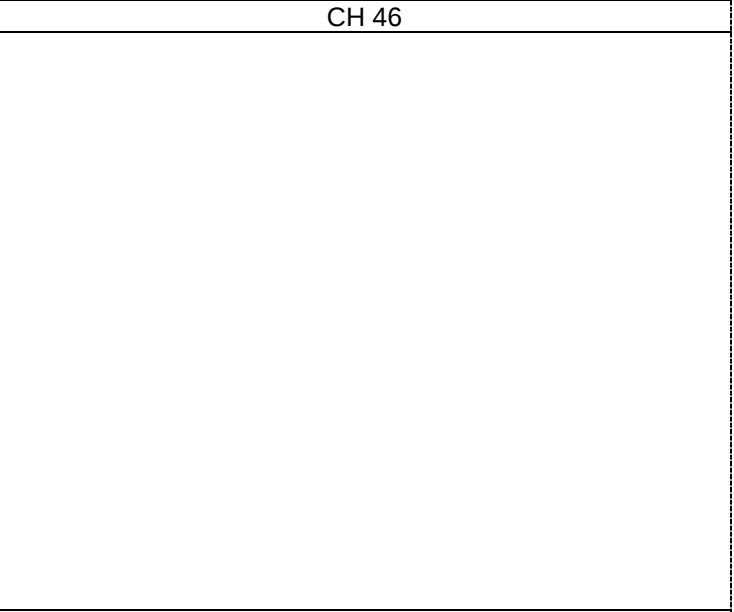
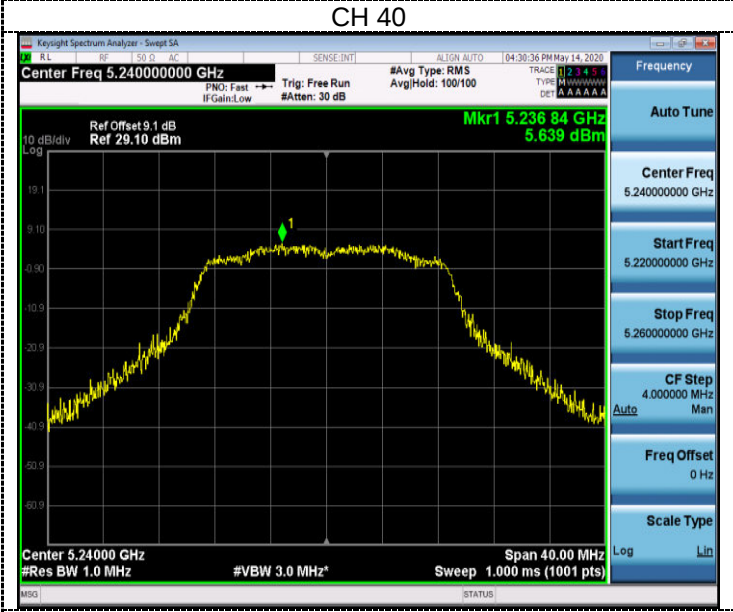
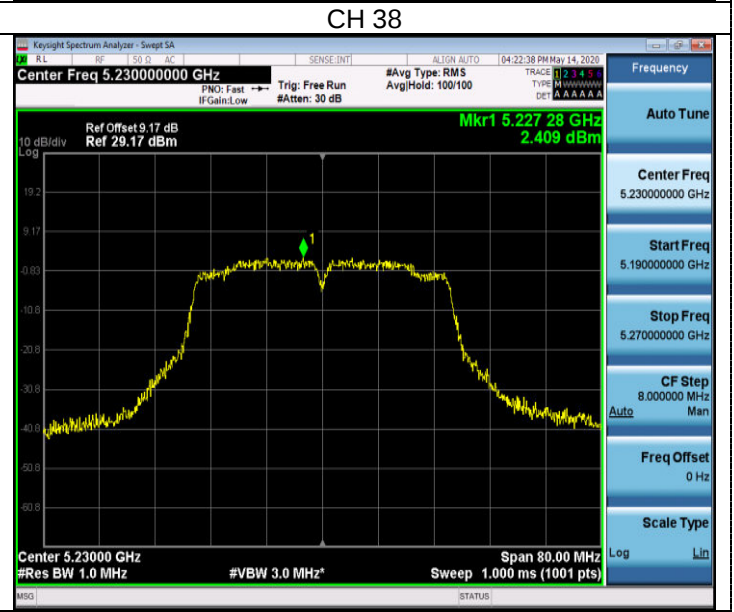
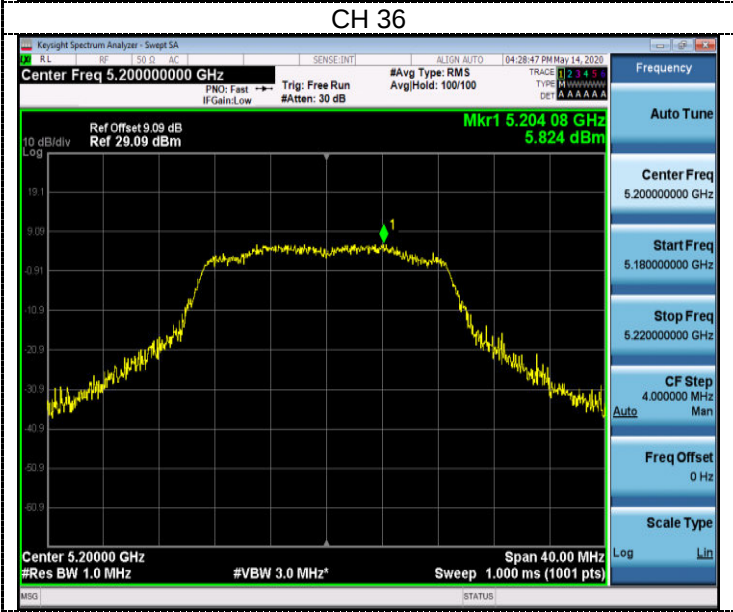
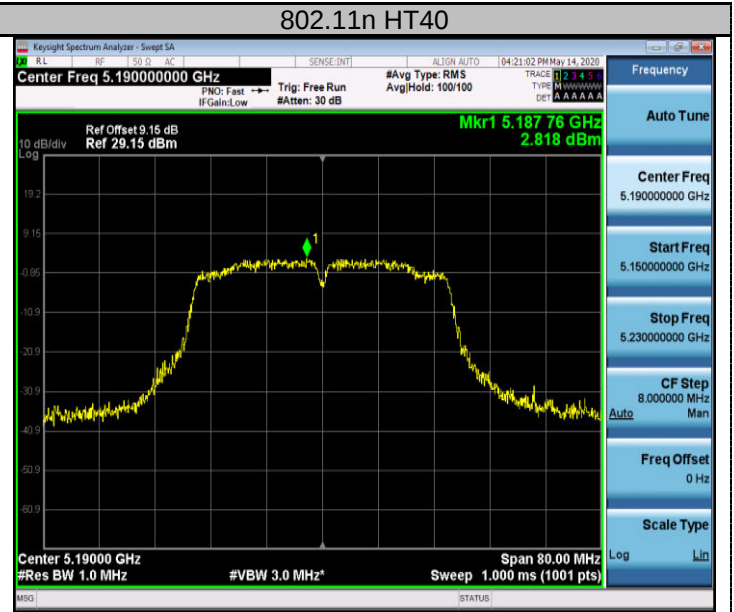
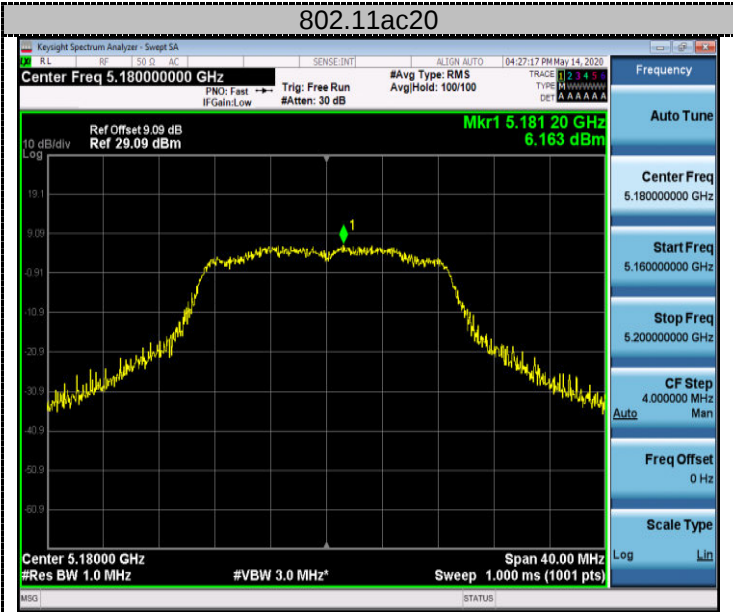
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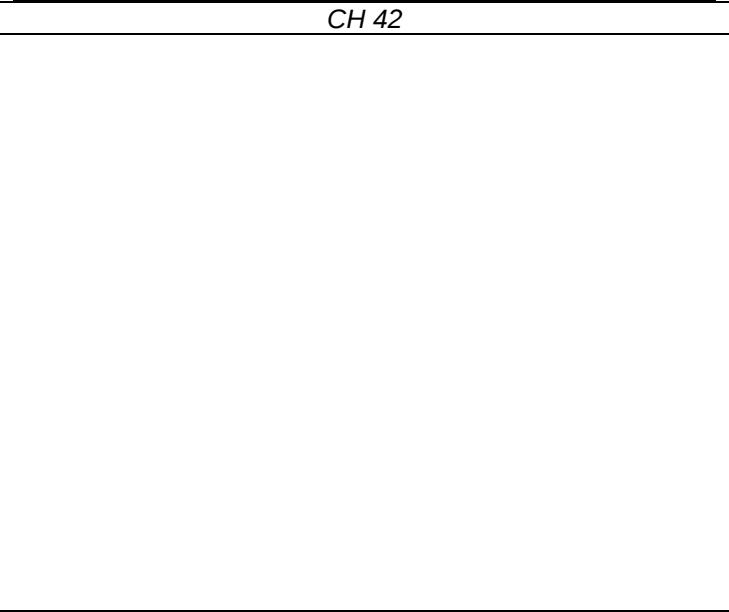
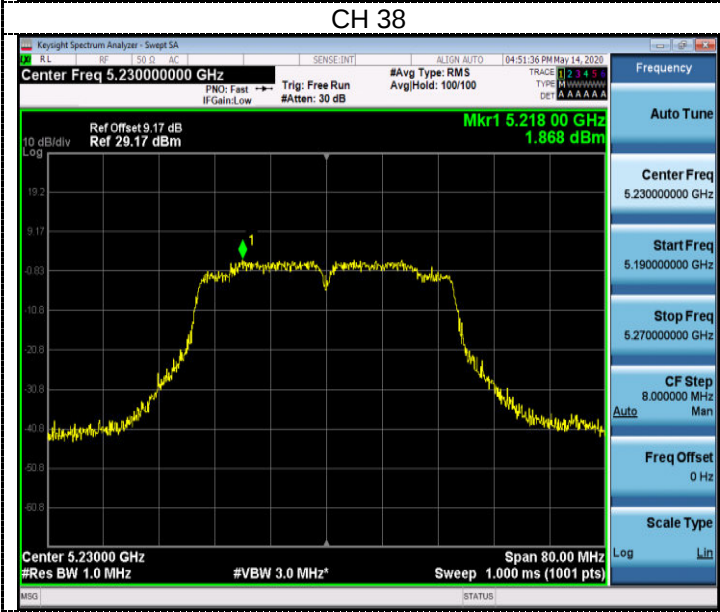
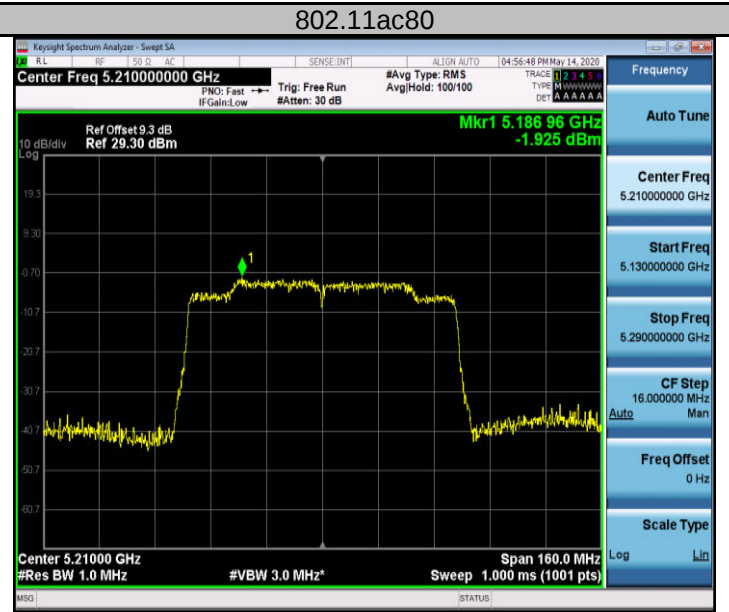
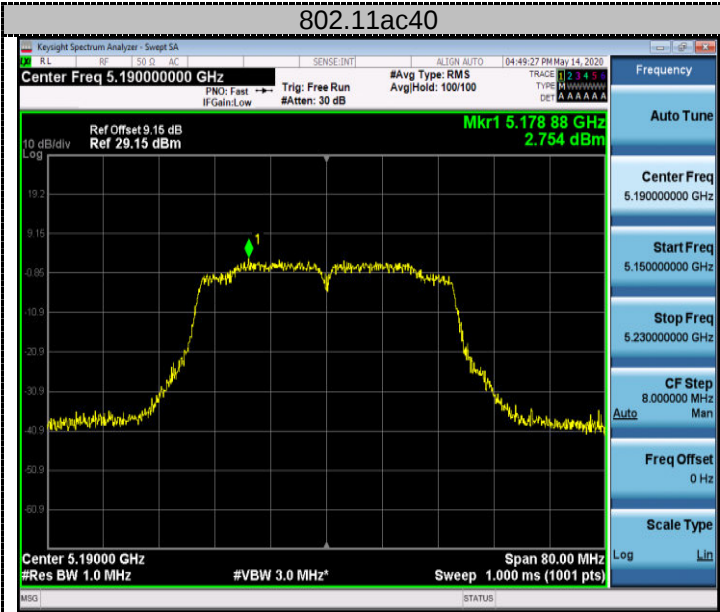


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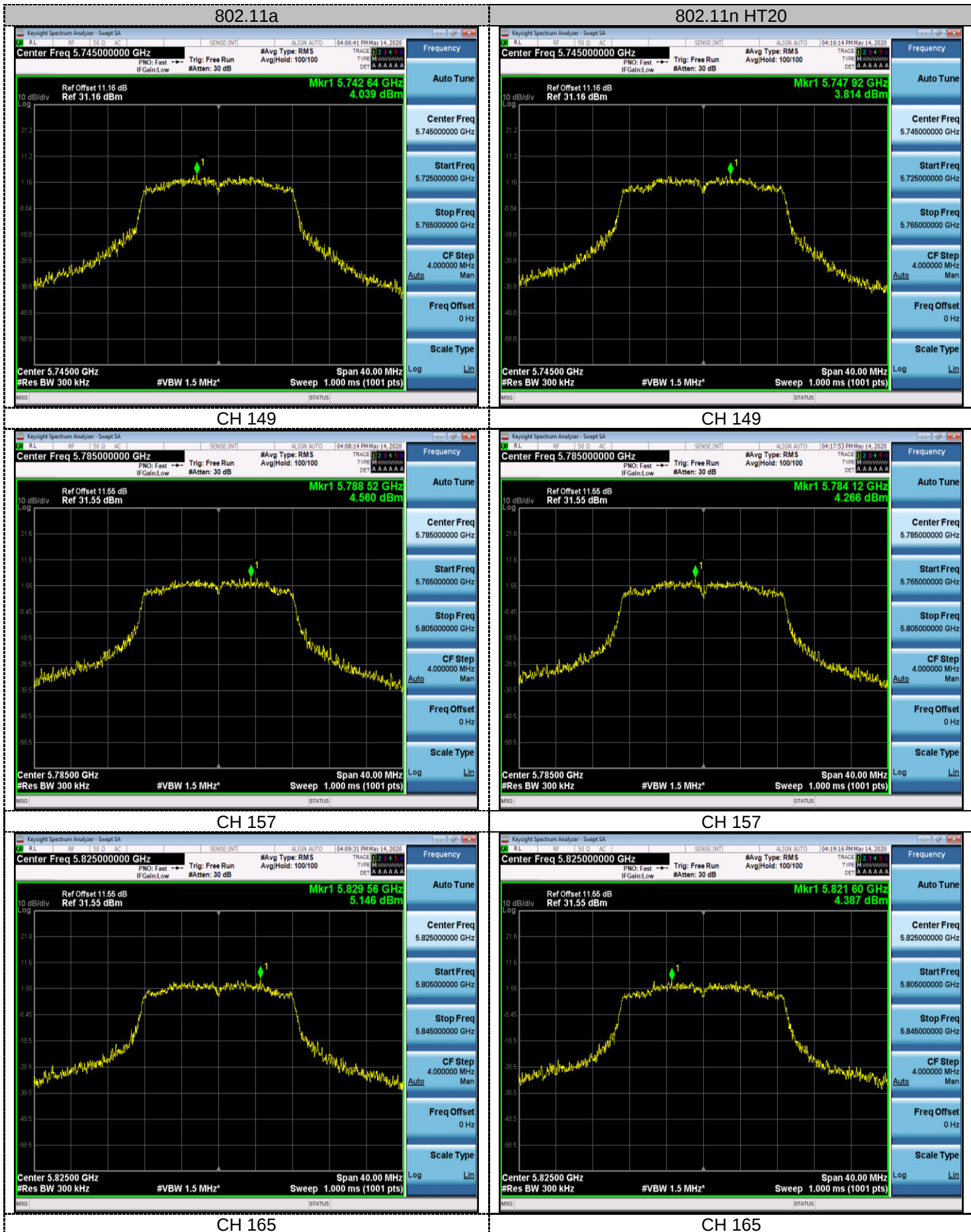
Antenna 1:
1510-5250MHz:







5725-5850MHz:



802.11ac20



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802.11n HT40



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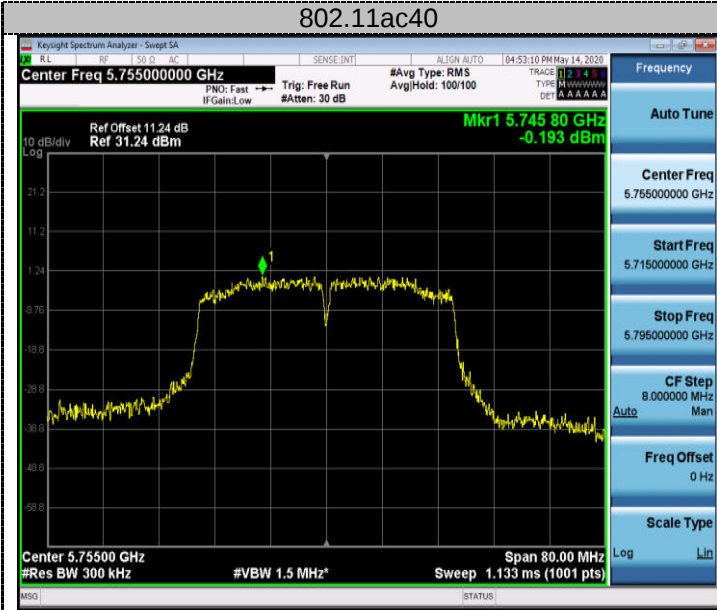
CH 157



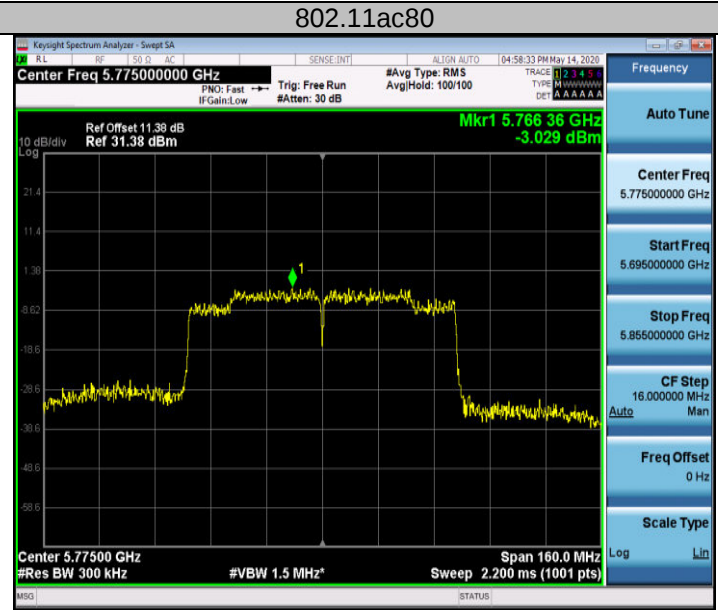
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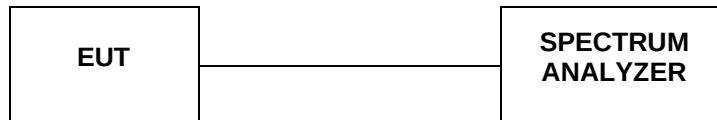
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4.6. 6dB Bandwidth

TEST CONFIGURATION



TEST PROCEDURE

According to KDB789033 D02 General UNII Test Procedures New Rules v01 for one of the following procedures may be used for section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a. Set RBW = 100 kHz.
- b. Set the video bandwidth (VBW) $\geq 3 \times$ RBW
- 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.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

LIMIT

For Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz

TEST RESULTS

Temperature	24.2°C	Humidity	54.9%
Test Engineer	Moon Tan	Configurations	IEEE 802.11a/n/ac

Antenna 0:

Type	Channel	99%Bandwidth (MHz)	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	149	16.879	15.200	≥500	Pass
	157	16.891	15.200		
	165	16.904	15.200		
802.11nHT20	149	17.979	15.160	≥500	Pass
	157	18.036	15.160		
	165	18.051	15.160		
802.11ac20	149	18.046	15.200	≥500	Pass
	157	18.018	15.160		
	165	18.027	15.200		
802.11n40	151	36.282	35.280	≥500	Pass
	159	36.391	35.280		
802.11ac40	151	36.258	35.280	≥500	Pass
	159	36.360	35.280		
802.11ac80	155	75.765	75.520	≥500	Pass

Antenna 1:

Type	Channel	99%Bandwidth (MHz)	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	149	16.919	15.120	≥500	Pass
	157	16.871	15.120		
	165	16.922	15.560		
802.11nHT20	149	18.033	13.960	≥500	Pass
	157	18.075	15.160		
	165	18.020	15.160		
802.11ac20	149	18.022	15.080	≥500	Pass
	157	18.050	15.200		
	165	18.029	15.160		
802.11n40	151	36.325	35.200	≥500	Pass
	159	36.382	35.280		
802.11ac40	151	36.294	35.280	≥500	Pass
	159	36.392	35.280		
802.11ac80	155	75.794	75.520	≥500	Pass

Antenna 0:

99%Bandwidth

802.11a

802.11n HT20



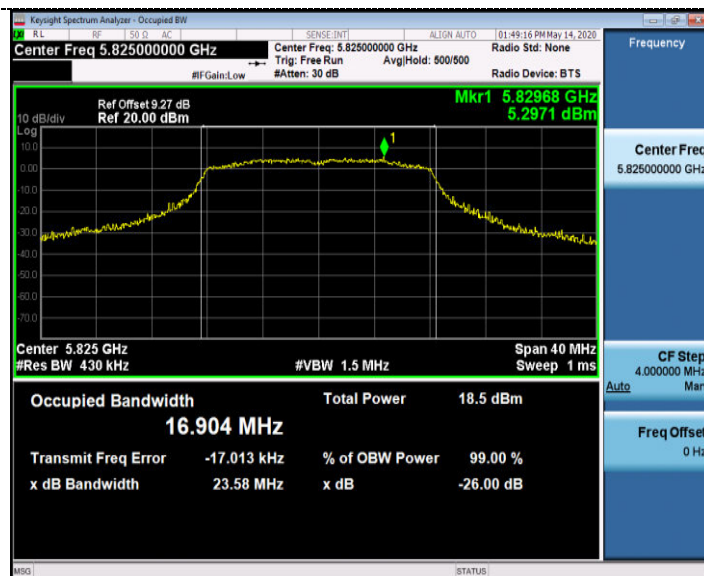
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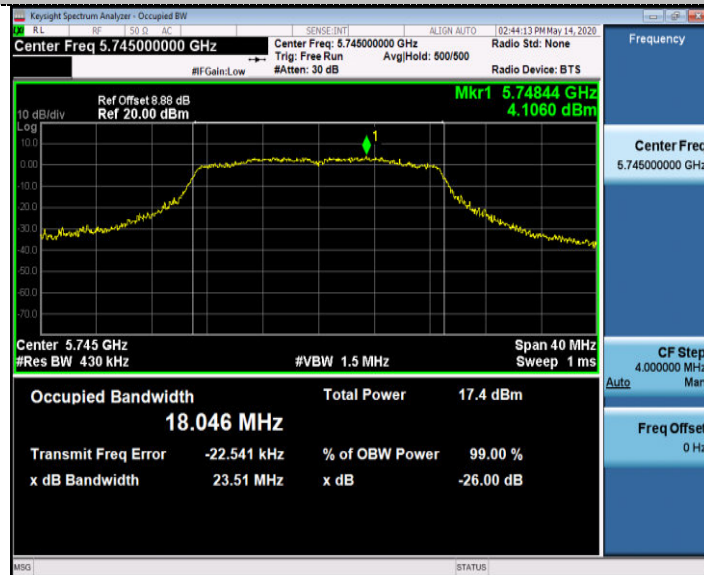


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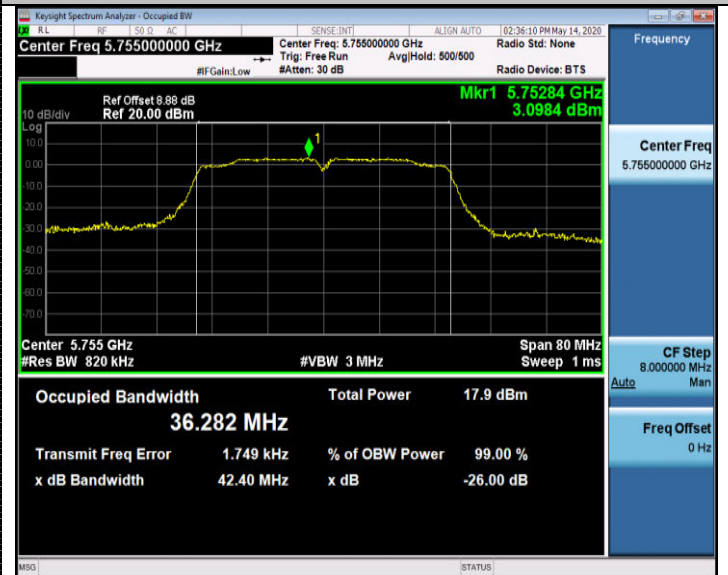
CH165

99%Bandwidth

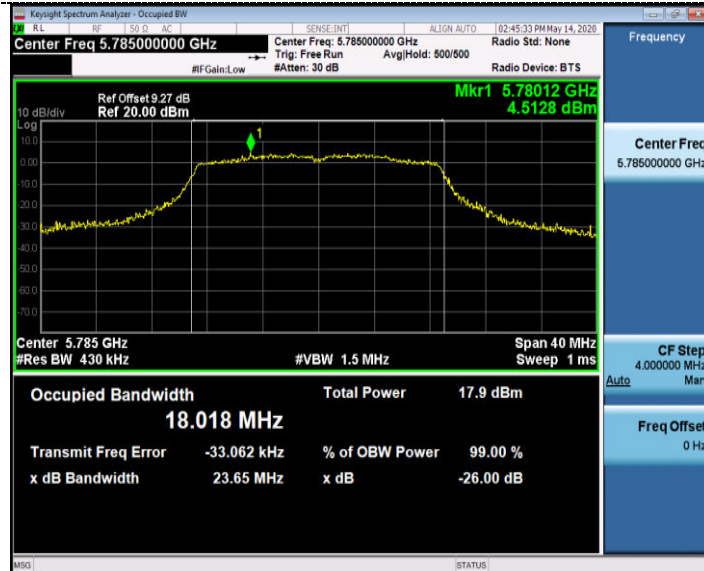
802.11ac20



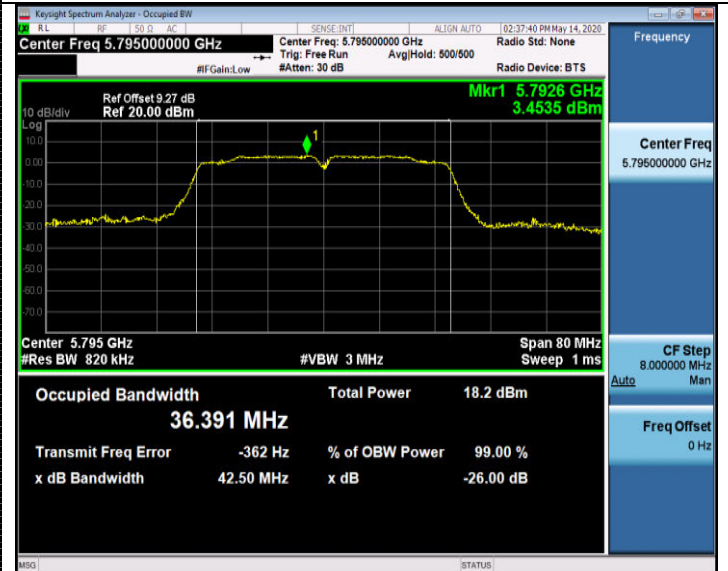
802.11n HT40



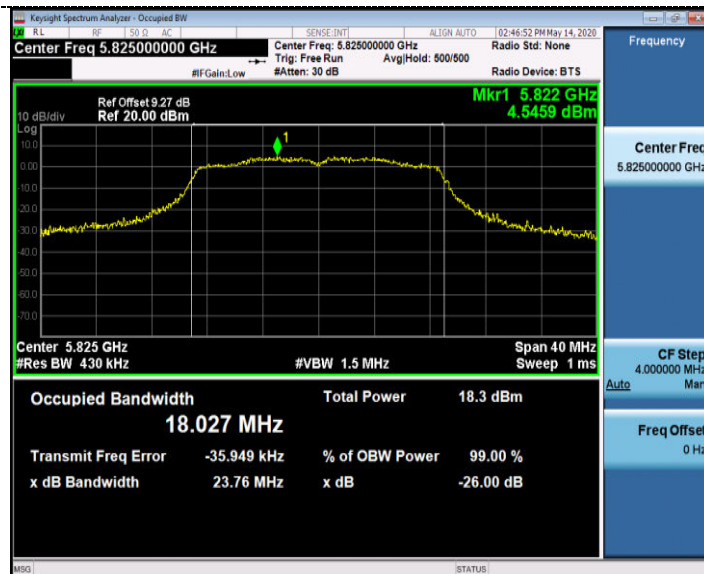
CH149



CH151



CH157



CH159



CH165

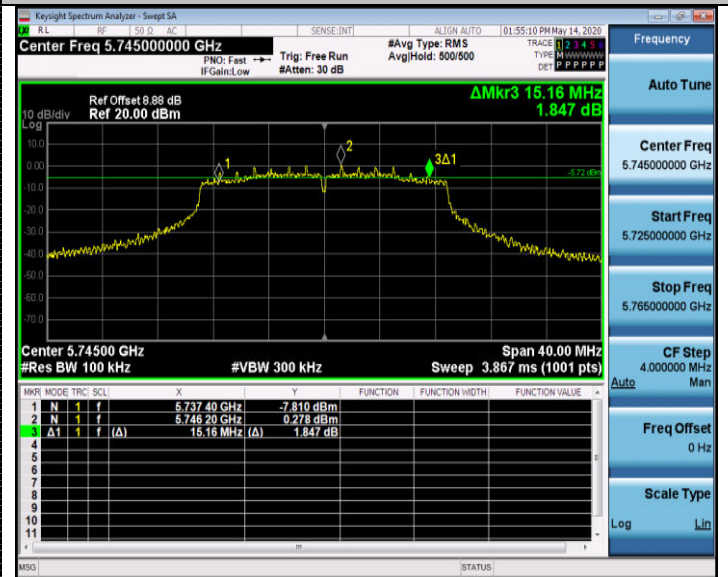


6dB Bandwidth

802.11a



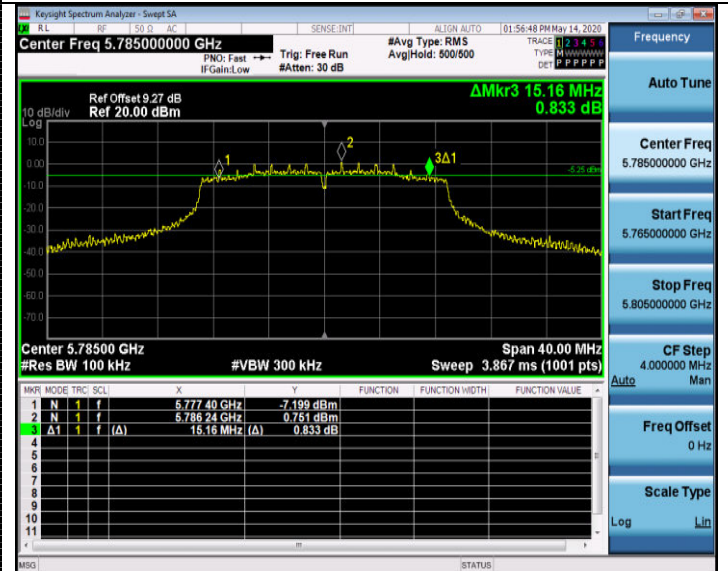
802.11n HT20



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CH149



CH157



CH157



CH165



CH165

