



802.11n HT40



802.11ac HT80



5190MHz



5210MHz

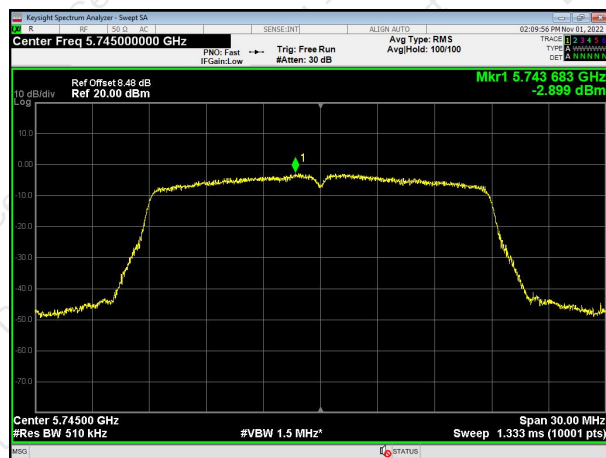
5230MHz



802.11a



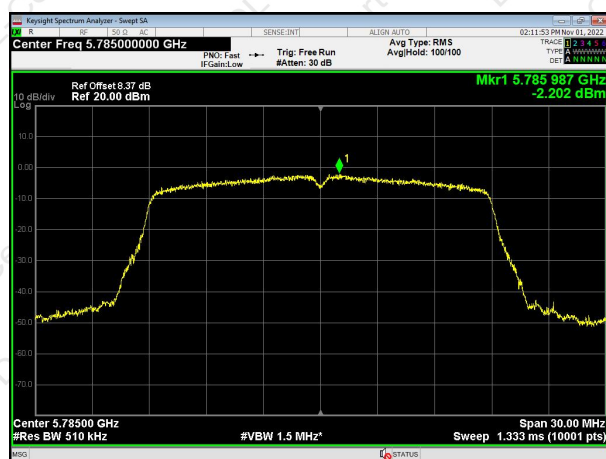
802.11ac HT20



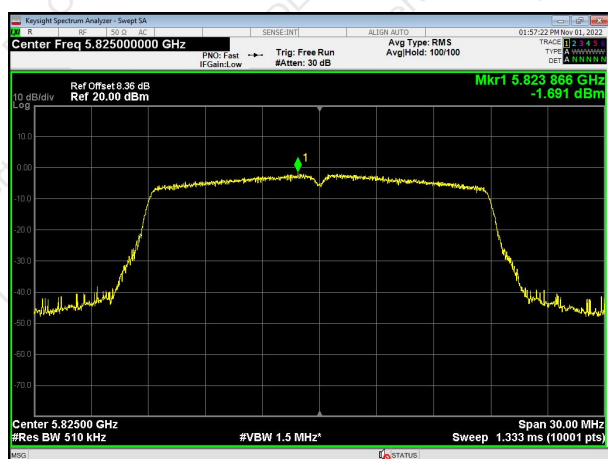
5745MHz



5745MHz



5785MHz



5785MHz



5825MHz

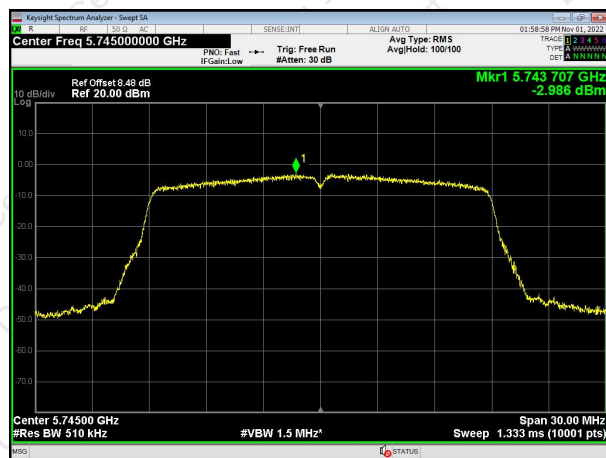
5825MHz



802.11ac HT40



802.11n HT20



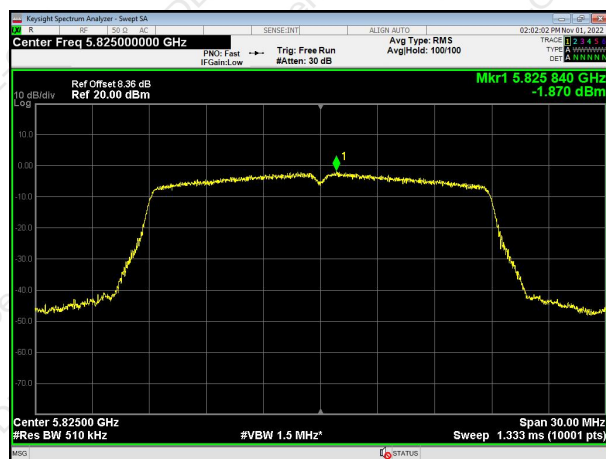
5755MHz



5745MHz



5795MHz

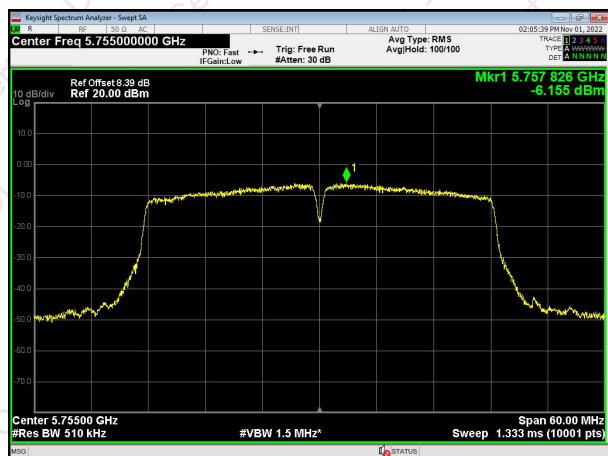


5785MHz

5825MHz



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5755MHz



5775MHz

5795MHz

**. 26DB&99% BANDWIDTH TEST****APPLIED PROCEDURES / LIMIT**

The 26 dB bandwidth is used to determine the conducted power limits.

There is no limit bandwidth for U-NII-1, U-NII-2-A and U-NII-2-C.

The minimum of 6dB Bandwidth measurement is 0.5 MHz for U-NII-3

TEST PROCEDURE

6dB Bandwidth	
Spectrum Parameters	Setting
RBW	100KHz
VBW	300KHz
Span	30MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

26dB Bandwidth	
Spectrum Parameters	Setting
RBW	approximately 1% of the emission bandwidth
VBW	>RBW
Span	30MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

99% Occupied Bandwidth	
Spectrum Parameters	Setting
RBW	1% to 5% of the OBW
VBW	Approximately three times the RBW
Span	between 1.5 times and 5.0 times the OBW
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

DEVIATION FROM STANDARD

No deviation.

TEST SETUP

**EUT OPERATION CONDITIONS**

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

TEST RESULTS

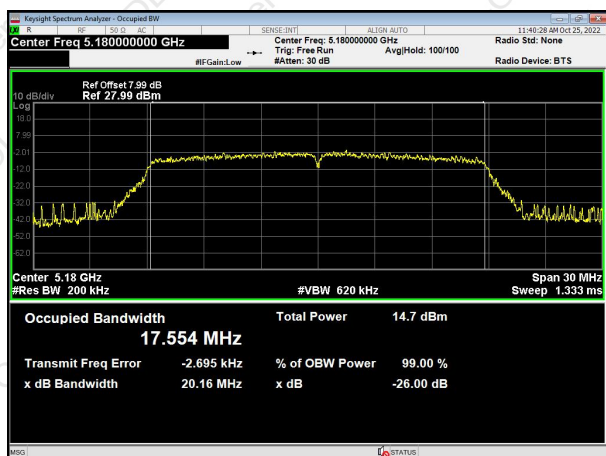
		Test Channel	26dB Bandwidth (MHz)		99% Bandwidth (MHz)		Result
			ANT1	ANT2	ANT1	ANT2	
Band 1	802.11a	Low	20.16	19.96	17.554	17.548	Pass
		Middle	19.92	20.02	17.547	17.553	Pass
		High	20.34	20.01	17.555	17.539	Pass
	802.11ac HT20	Low	19.71	19.96	17.572	17.516	Pass
		Middle	19.59	19.96	17.525	17.511	Pass
		High	19.80	19.97	17.577	17.509	Pass
	802.11ac HT40	Low	40.11	40.07	35.904	35.973	Pass
		High	39.76	39.98	35.981	35.949	Pass
	802.11n HT20	Low	19.79	19.87	17.546	17.545	Pass
		Middle	19.98	19.89	17.540	17.553	Pass
		High	20.09	19.81	17.559	17.564	Pass
	802.11n HT40	Low	39.37	40.06	35.975	35.992	Pass
		High	40.15	40.19	35.927	35.945	Pass
	802.11ac HT80	/	80.87	80.49	75.196	75.276	Pass

		Test Channel	6dB Bandwidth (MHz)		6dB Bandwidth Limit (MHz)	Result
			ANT1	ANT2		
Band 4	802.11a	Low	15.260	13.620	>0.5	Pass
		Middle	15.496	15.043	>0.5	Pass
		High	15.122	15.417	>0.5	Pass
	802.11ac HT20	Low	16.497	15.671	>0.5	Pass
		Middle	15.392	15.129	>0.5	Pass
		High	15.099	15.092	>0.5	Pass
	802.11ac HT40	Low	35.079	35.110	>0.5	Pass
		High	35.073	35.106	>0.5	Pass
	802.11n HT20	Low	15.065	15.400	>0.5	Pass
		Middle	15.326	15.051	>0.5	Pass
		High	15.049	16.866	>0.5	Pass
	802.11n HT40	Low	35.111	35.067	>0.5	Pass
		High	35.068	35.101	>0.5	Pass
	802.11ac HT80	/	75.103	75.068	>0.5	Pass

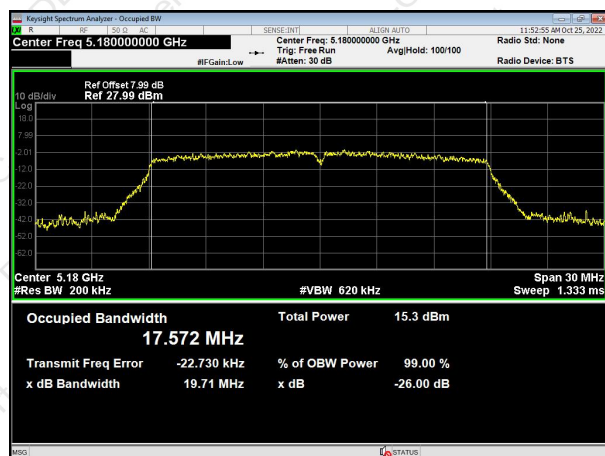


Antenna 1:

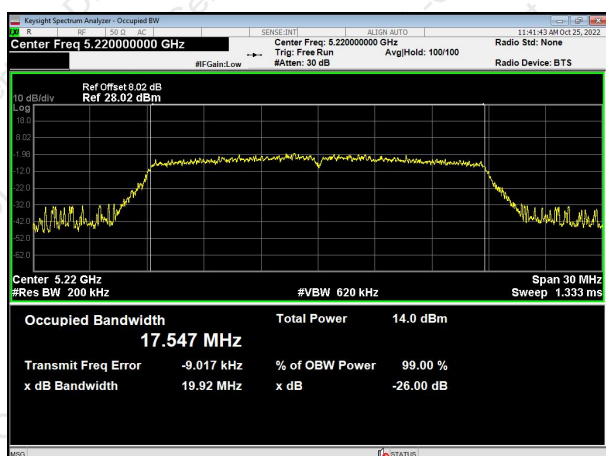
802.11a



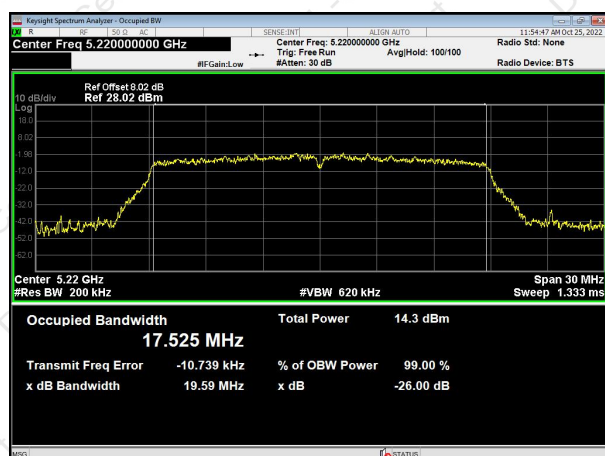
802.11ac HT20



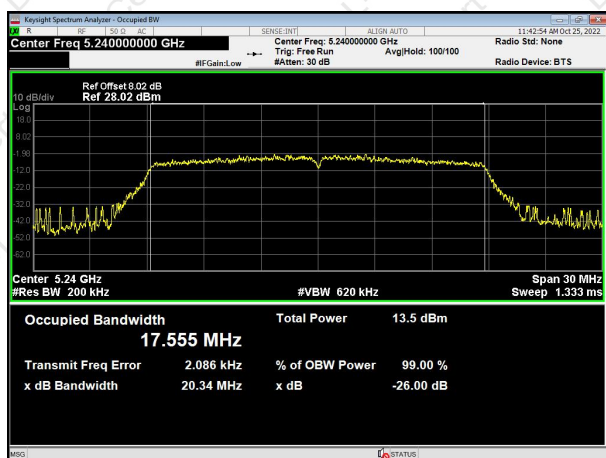
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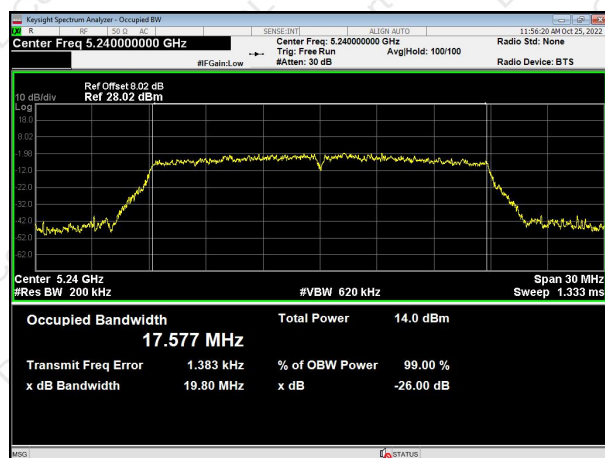
5180MHz



5200MHz



5200MHz

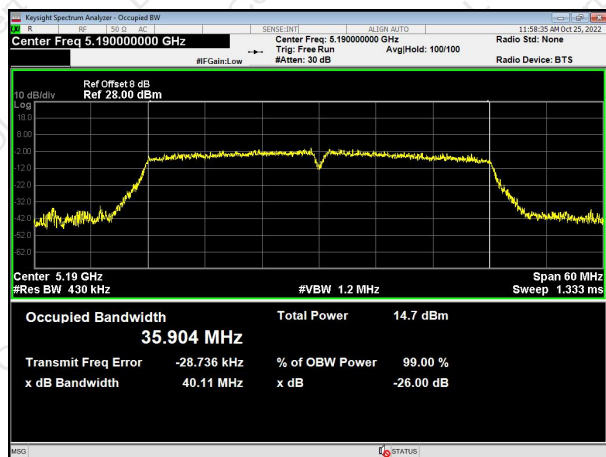


5240MHz

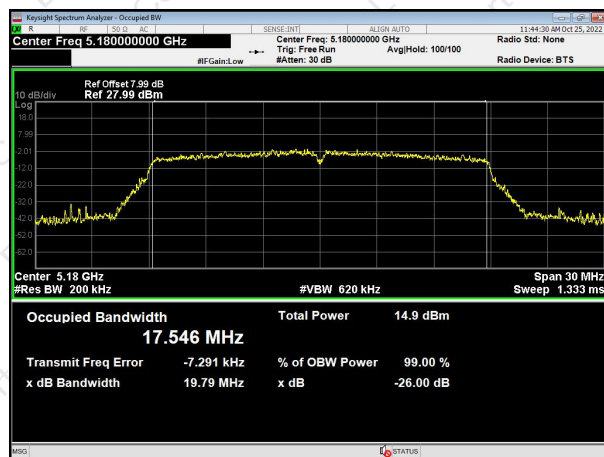
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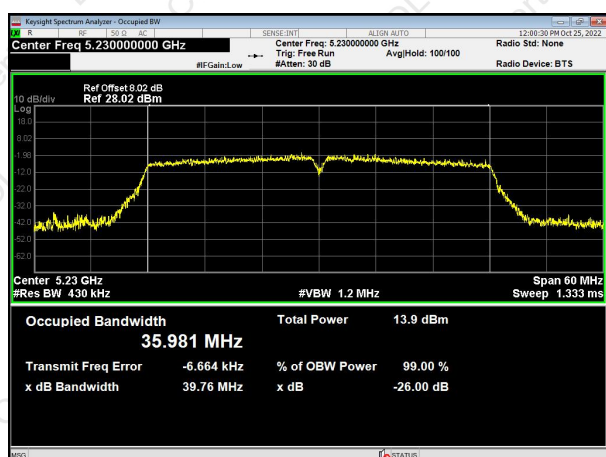
802.11ac HT40



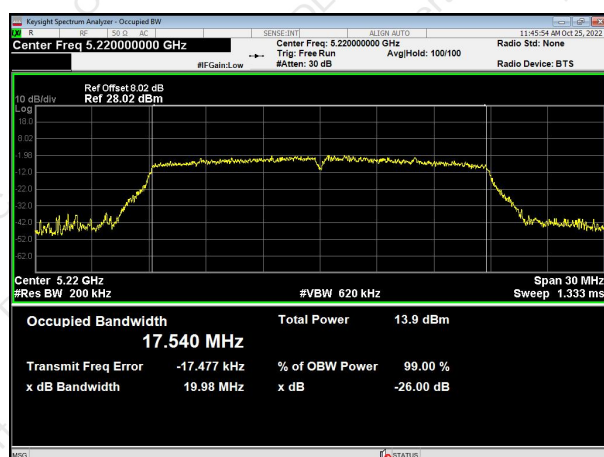
802.11n HT20



5190MHz

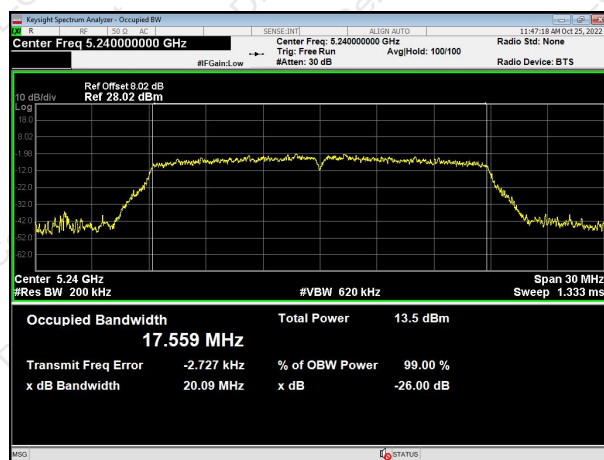


5180MHz



5230MHz

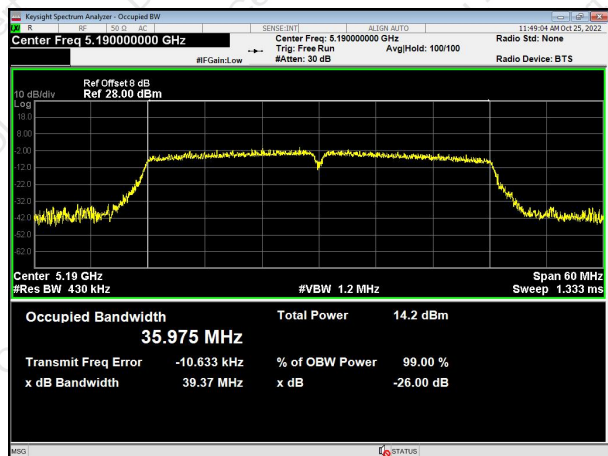
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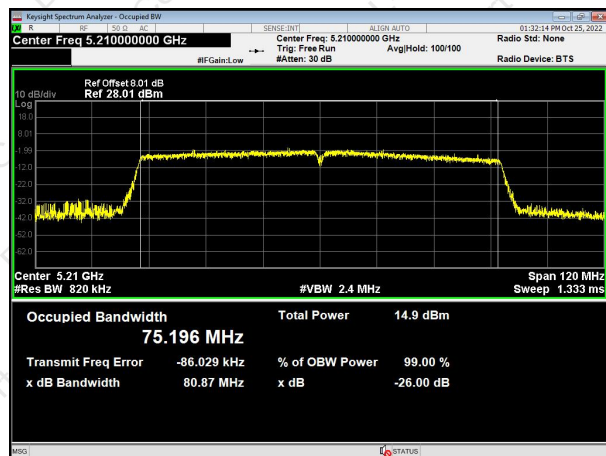
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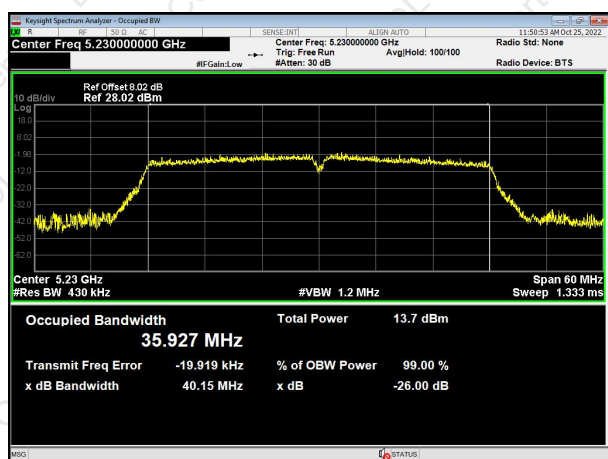
802.11n HT40



802.11ac HT80



5190MHz

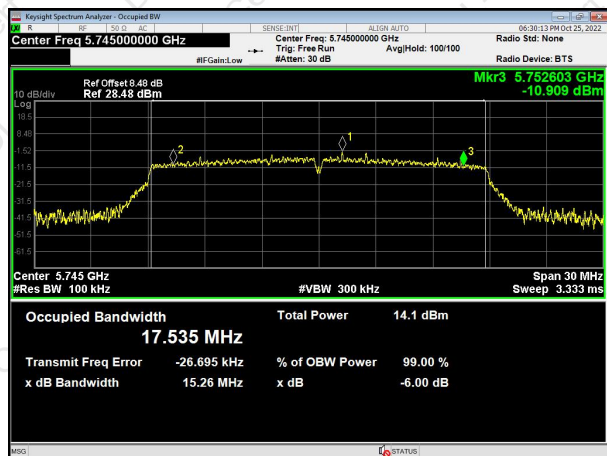


5210MHz

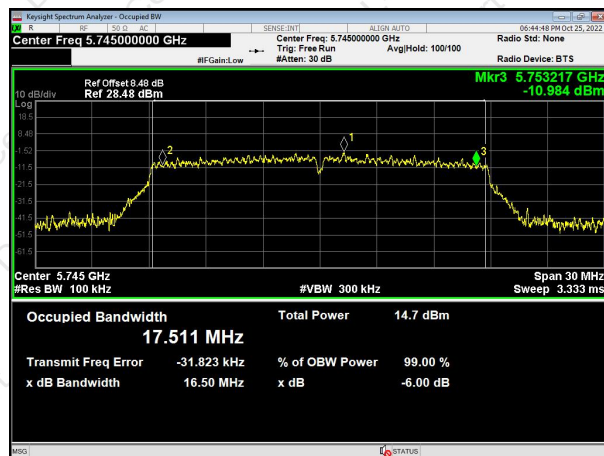
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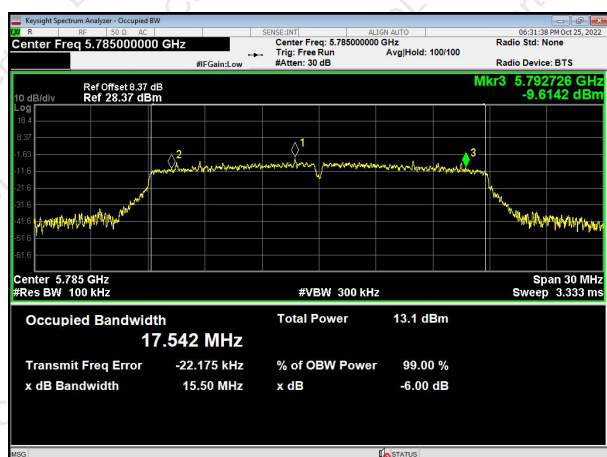
802.11a



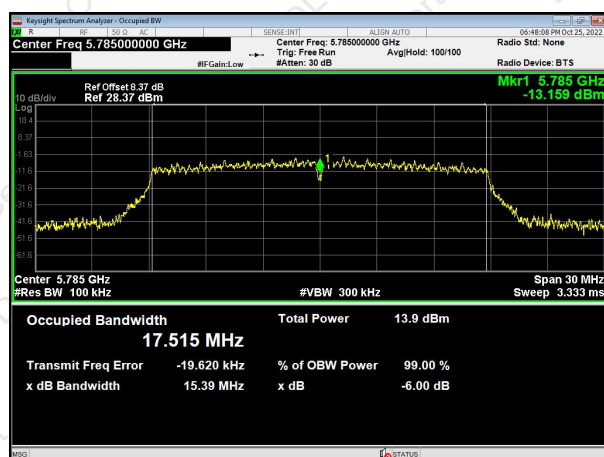
802.11ac HT20



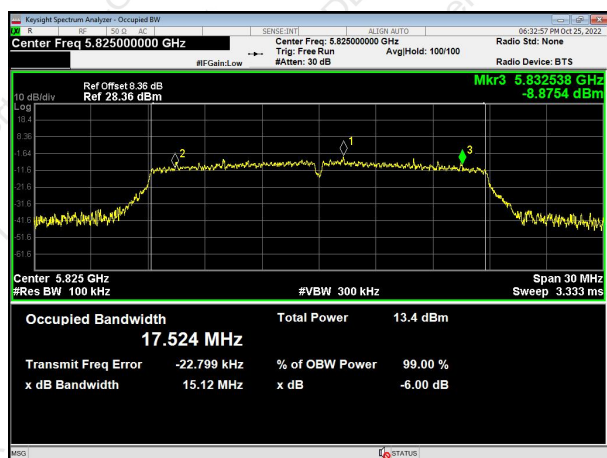
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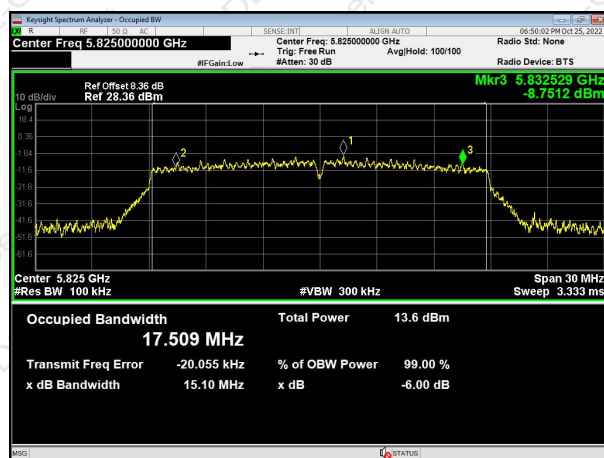
5745MHz



5785MHz



5785MHz

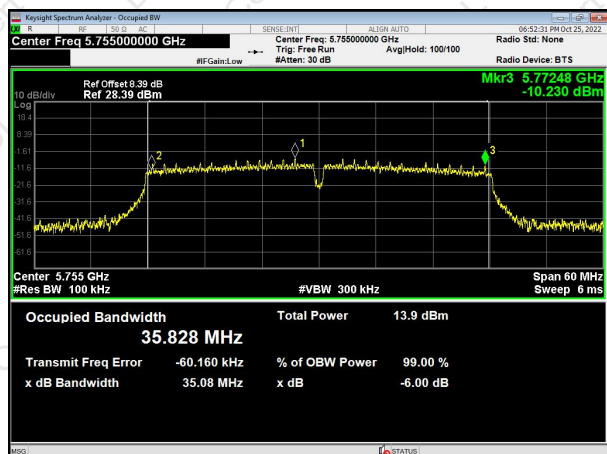


5825MHz

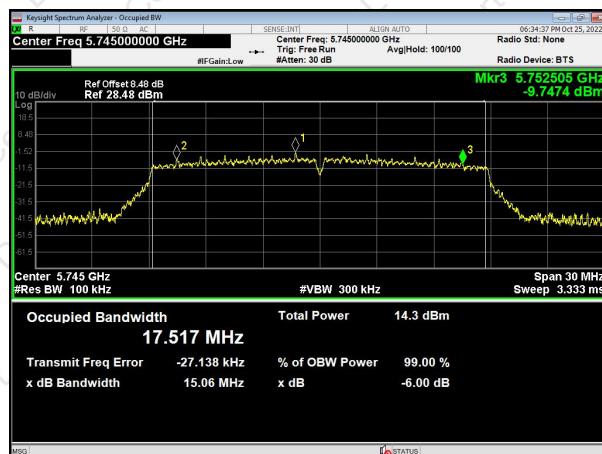
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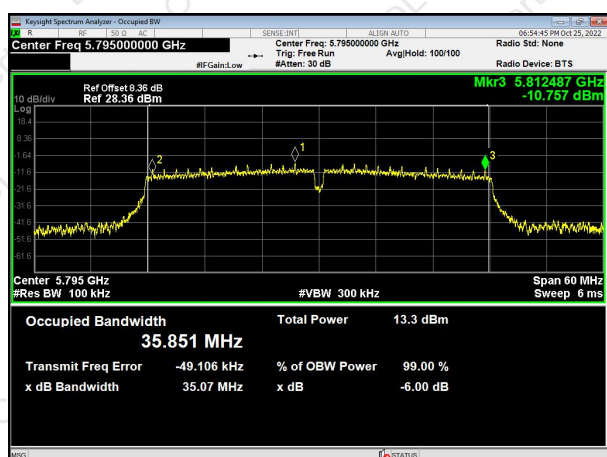
802.11ac HT40



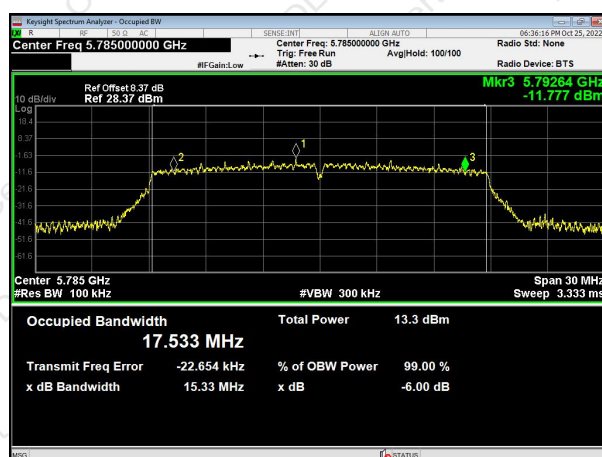
802.11n HT20



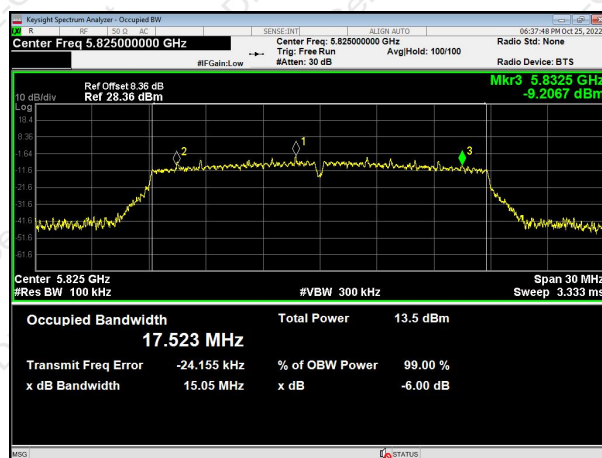
5755MHz



5745MHz



5795MHz



5825MHz