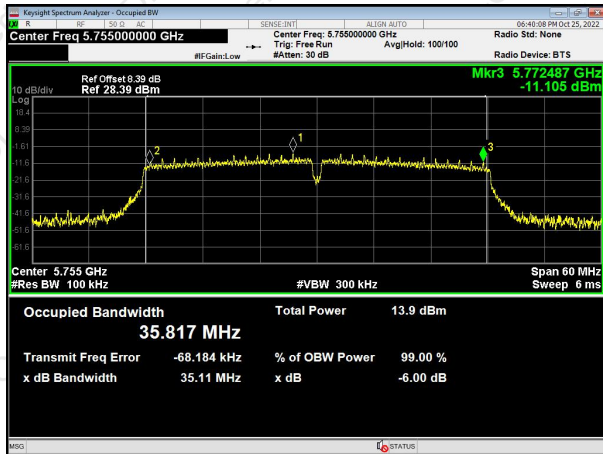
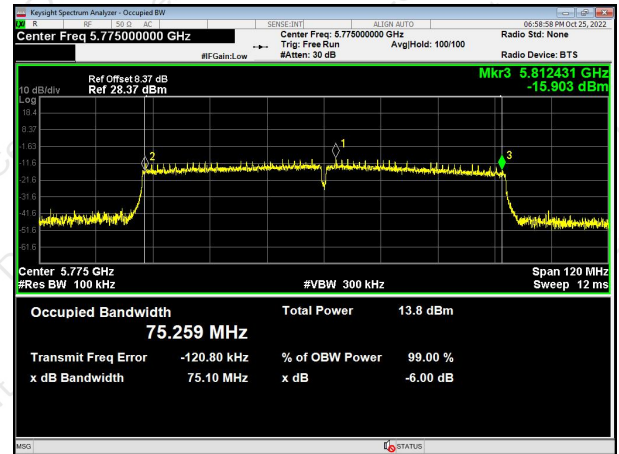




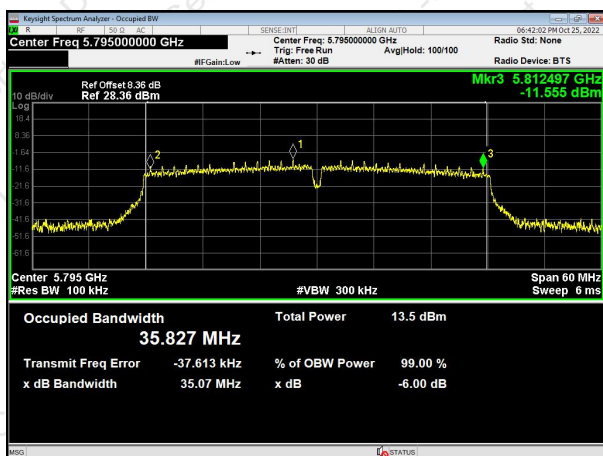
802.11n HT40



802.11ac HT80



5755MHz



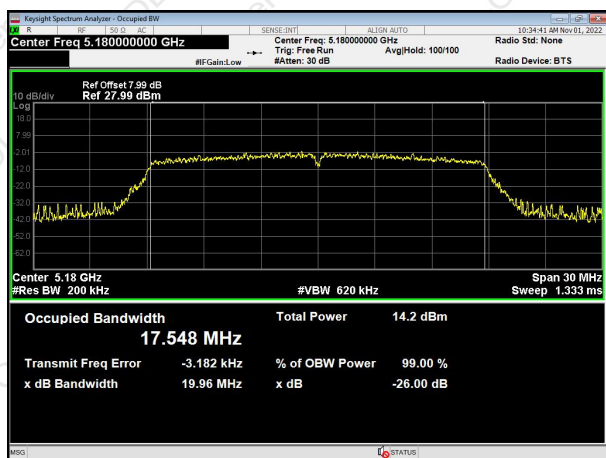
5775MHz

5795MHz

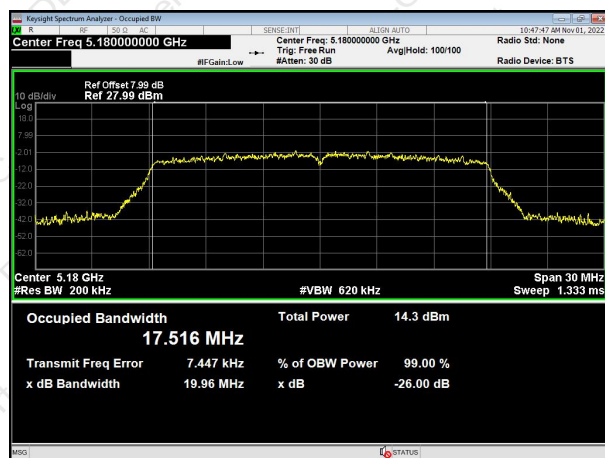


Antenna 2:

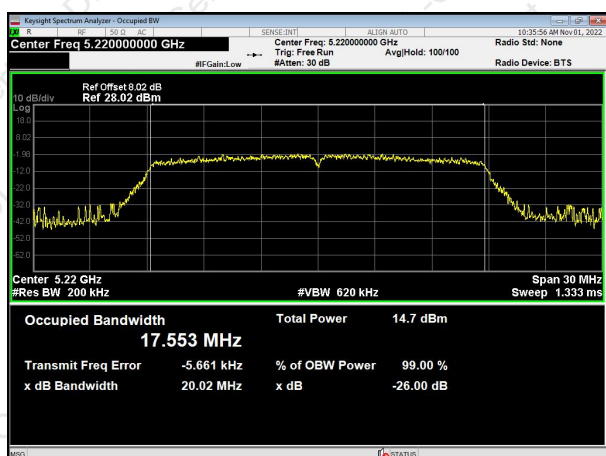
802.11a



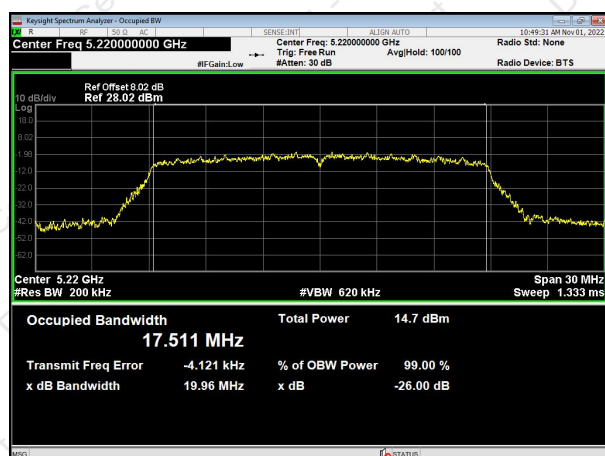
802.11ac HT20



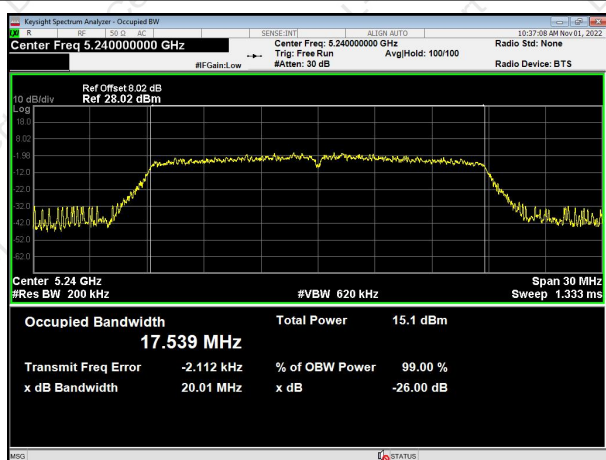
5180MHz



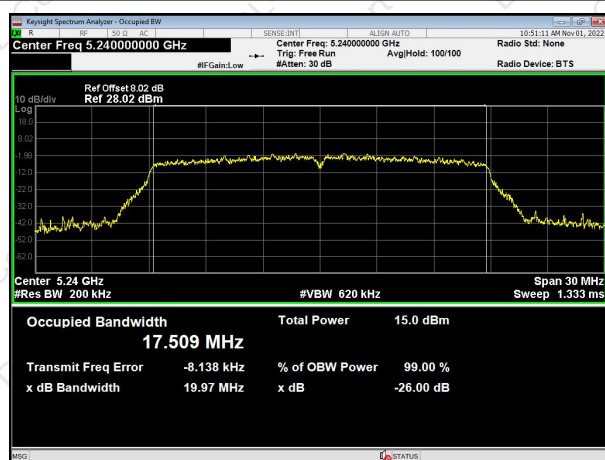
5180MHz



5200MHz



5200MHz

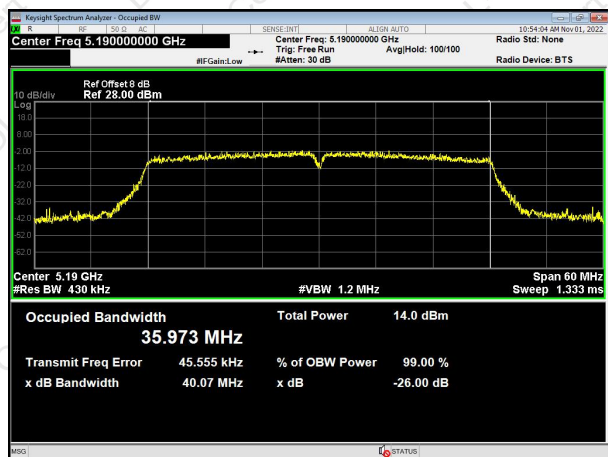


5240MHz

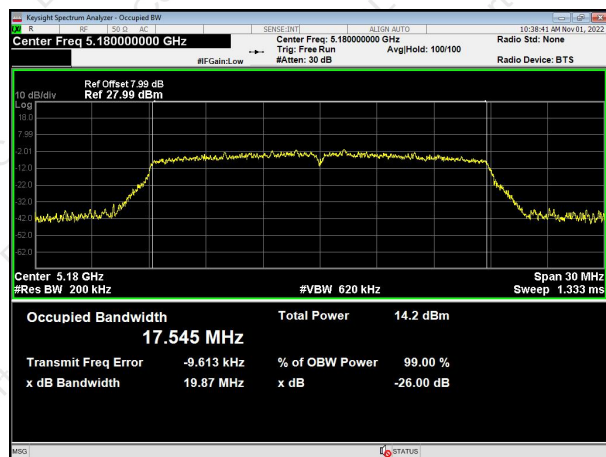
5240MHz



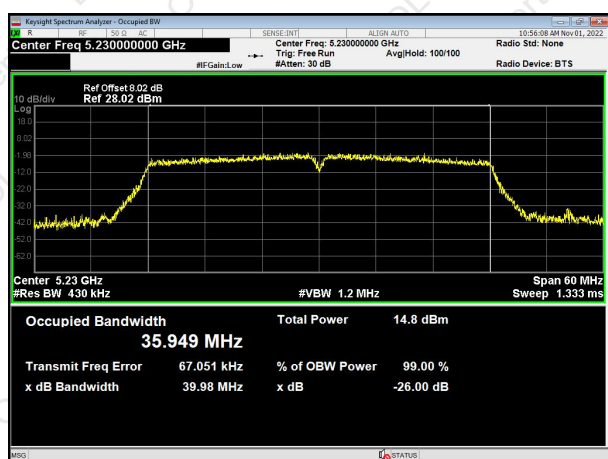
802.11ac HT40



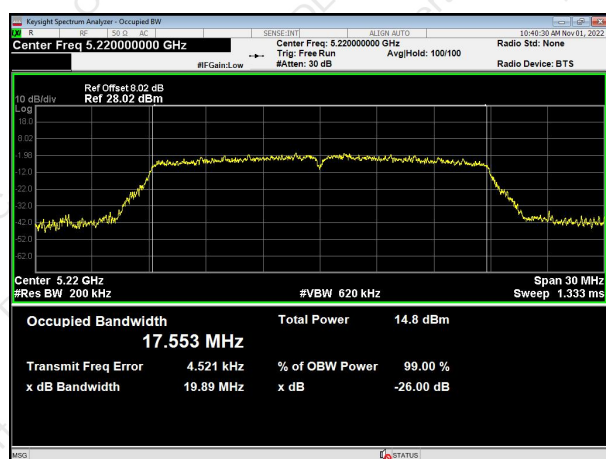
802.11n HT20



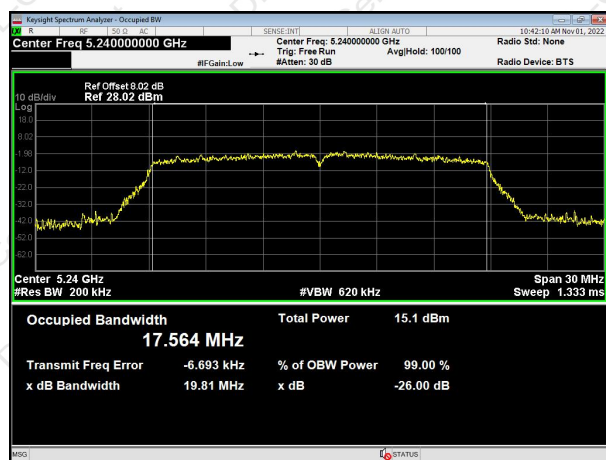
5190MHz



5180MHz



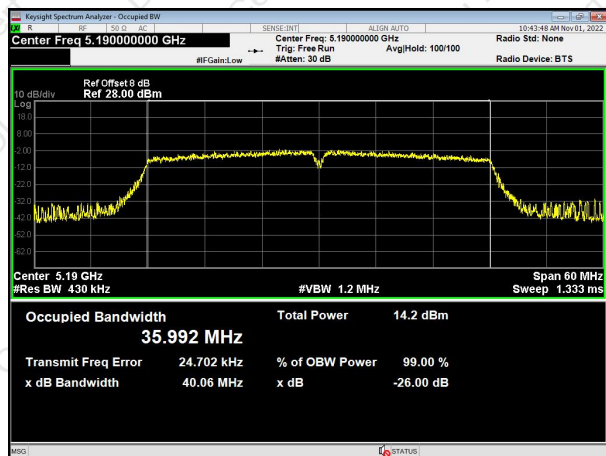
5230MHz



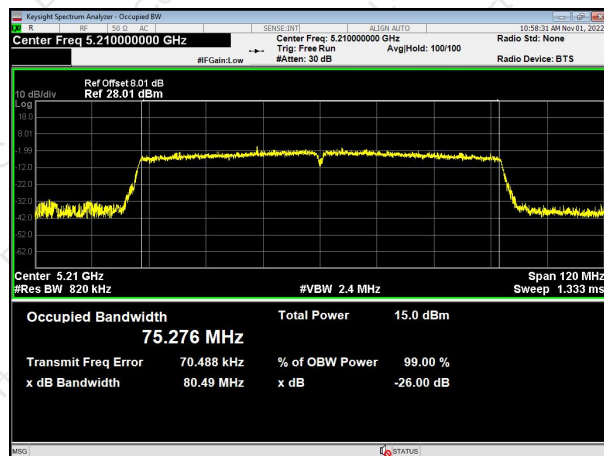
5240MHz



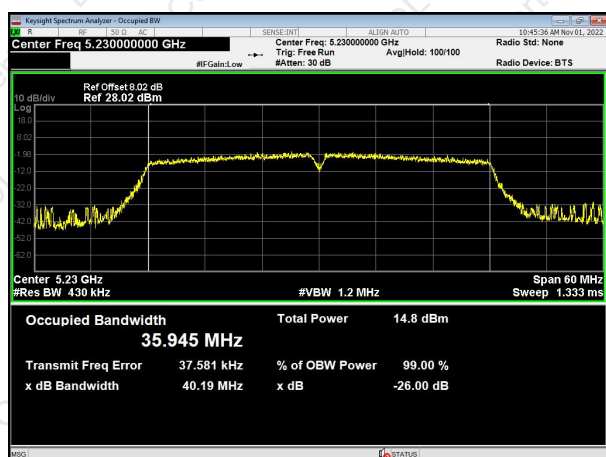
802.11n HT40



802.11ac HT80



5190MHz

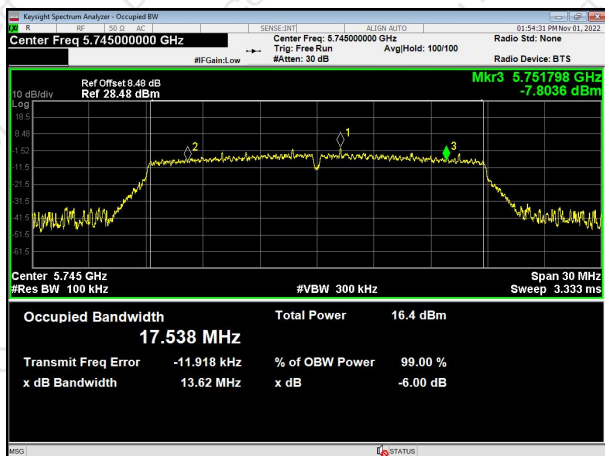


5210MHz

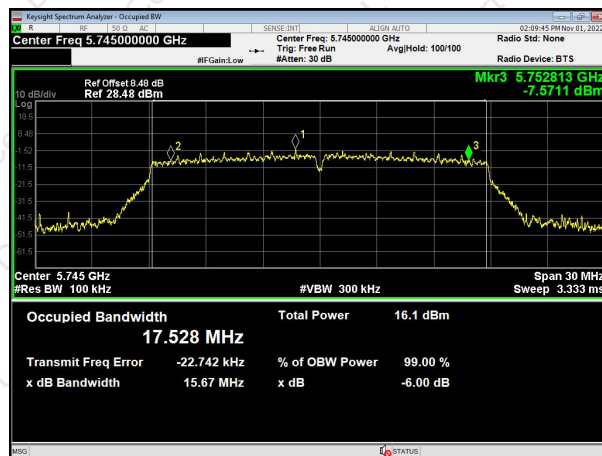
5230MHz



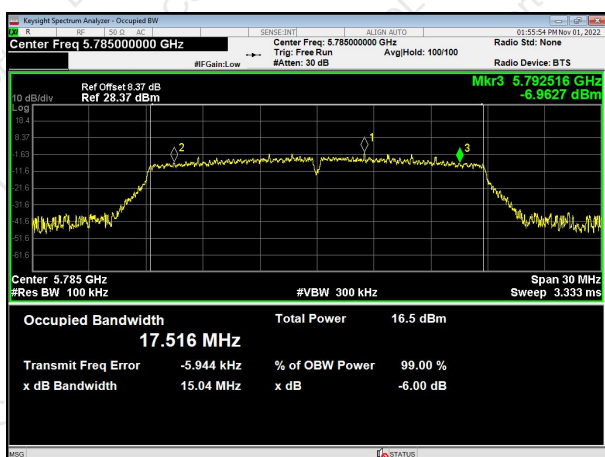
802.11a



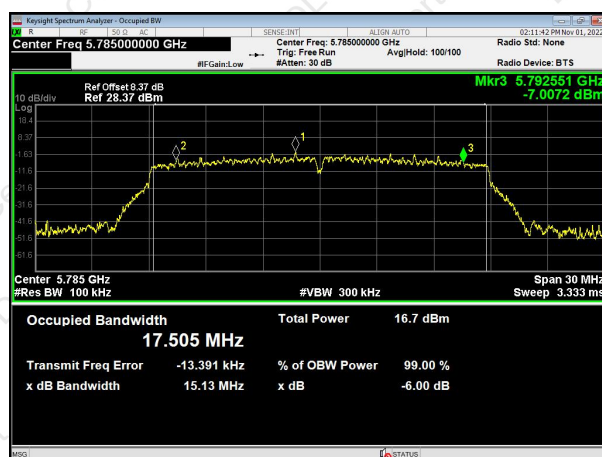
802.11ac HT20



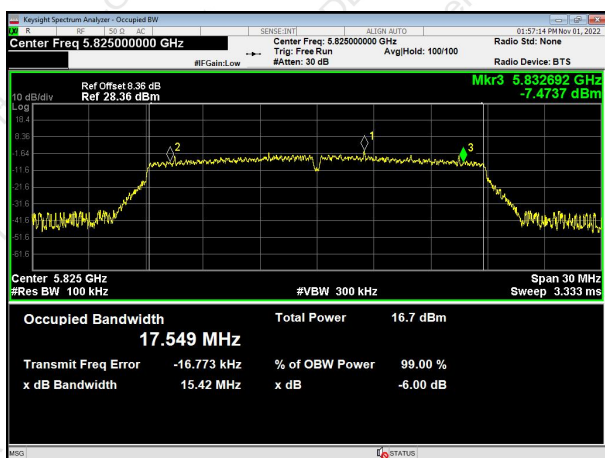
5745MHz



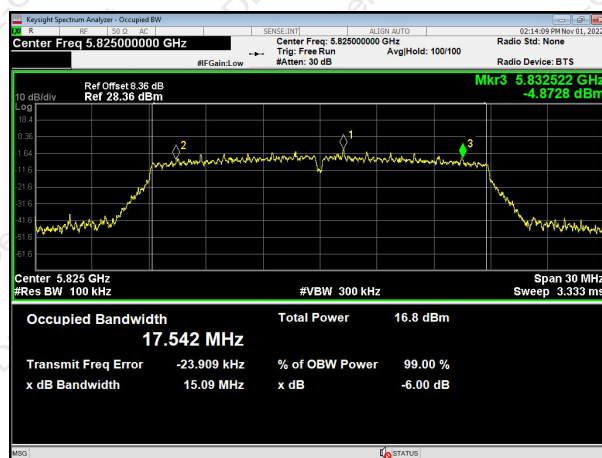
5745MHz



5785MHz



5785MHz

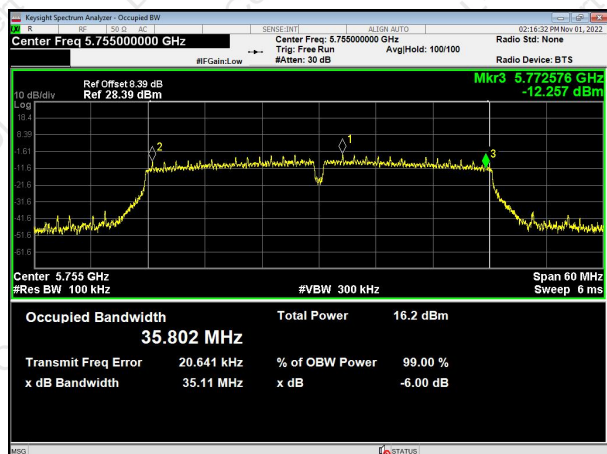


5825MHz

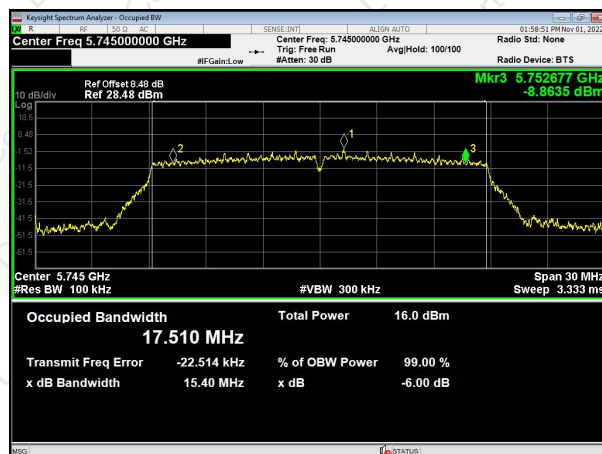
5825MHz



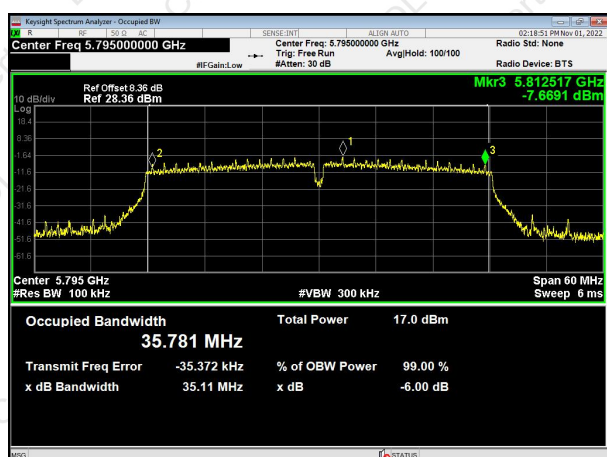
802.11ac HT40



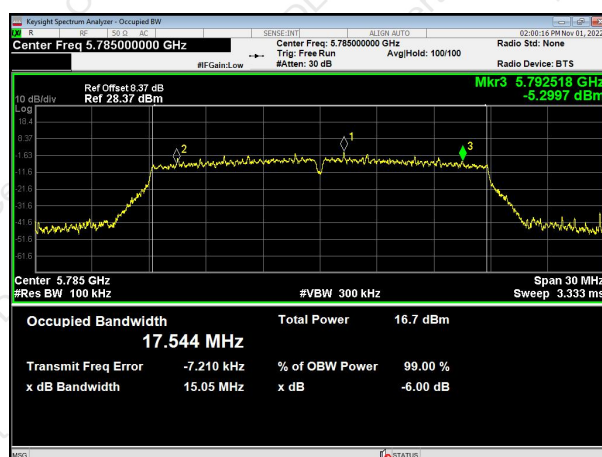
802.11n HT20



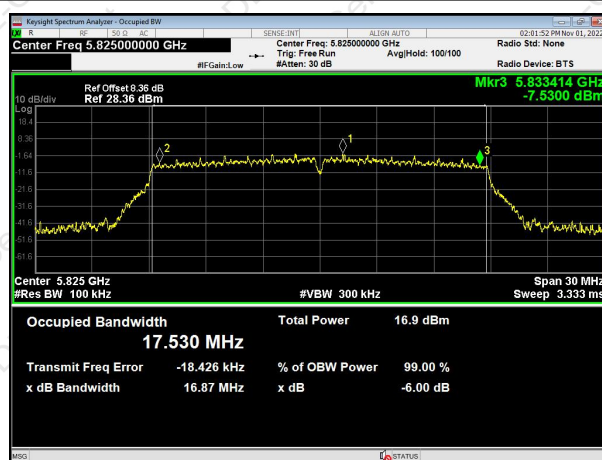
5755MHz



5745MHz



5795MHz

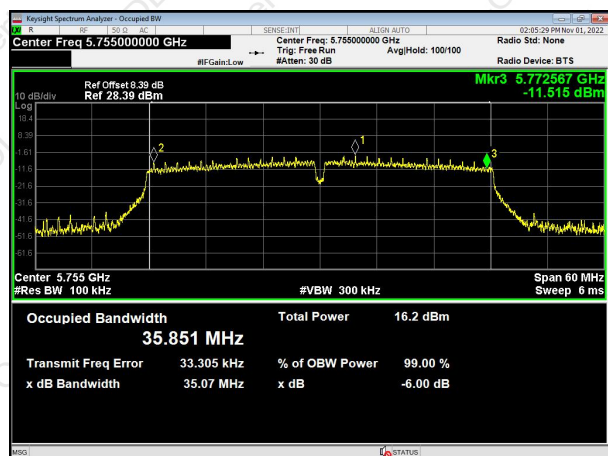


5785MHz

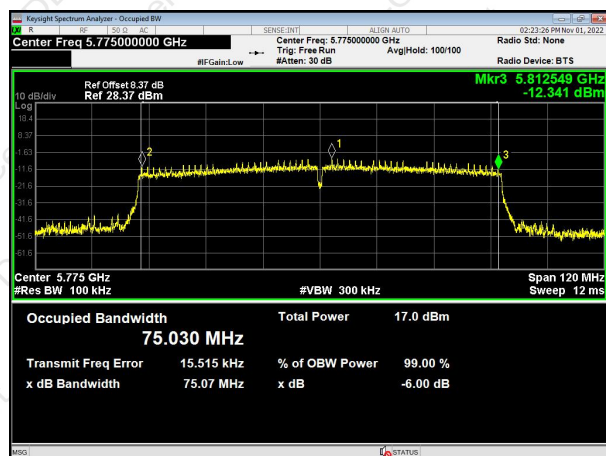
5825MHz



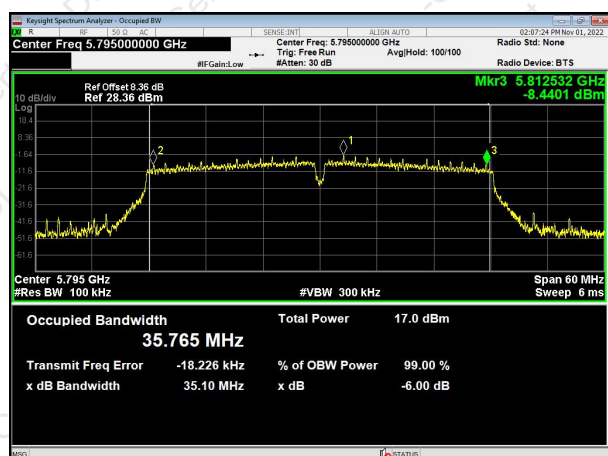
802.11n HT40



802.11ac HT80



5755MHz



5775MHz

5795MHz



DUTY CYCLE TEST SIGNAL

APPLIED PROCEDURES / LIMIT

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle. All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

TEST PROCEDURE

1. Set RBW = 1 MHz.
2. Set the video bandwidth (VBW) $\geq$ RBW.
3. Detector = Peak.
4. Sweep = auto couple.
5. Allow the trace to stabilize.
6. Span=0

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****Antenna 1:**

Operation Mode		Duty Cycle(%)	Duty Fator (dB) $10 * \log (1/ \text{Duty cycle})$
Band 1	802.11a	97.60	0.11
	802.11ac (HT20)	92.05	0.36
	802.11ac (HT40)	86.56	0.63
	802.11n(HT20)	95.42	0.20
	802.11n(HT40)	88.14	0.55
	802.11ac(HT80)	91.36	0.39
Band 4	802.11a	97.49	0.11
	802.11ac (HT20)	91.71	0.38
	802.11ac (HT40)	88.54	0.53
	802.11n(HT20)	95.2	0.21
	802.11n(HT40)	91.25	0.40
	802.11ac(HT80)	90.95	0.41

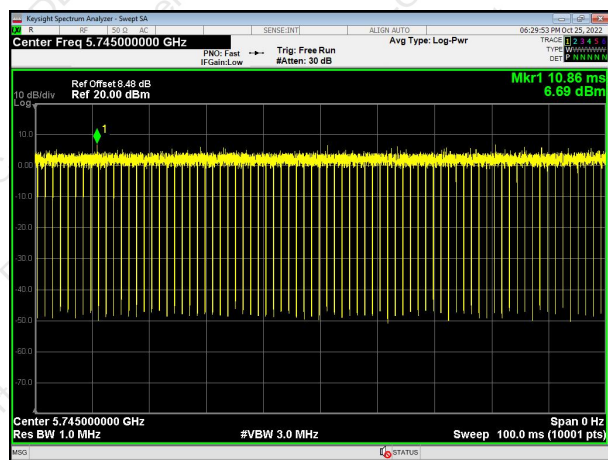
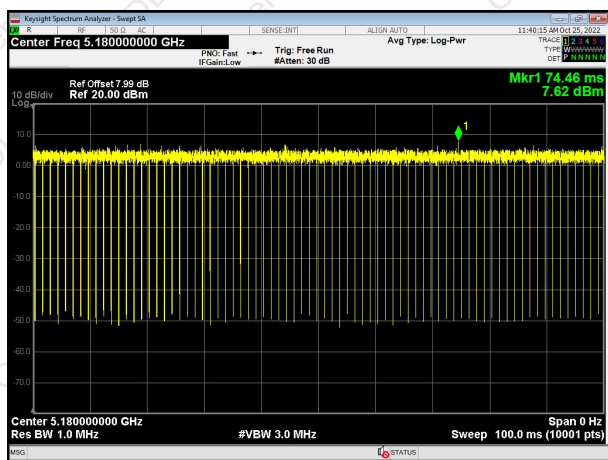
Antenna 2:

Operation Mode		Duty Cycle(%)	Duty Fator (dB) $10 * \log (1/ \text{Duty cycle})$
Band 1	802.11a	97.53	0.11
	802.11ac (HT20)	93.56	0.29
	802.11ac (HT40)	88.74	0.52
	802.11n(HT20)	95.37	0.21
	802.11n(HT40)	95.18	0.21
	802.11ac(HT80)	81.86	0.87
Band 4	802.11a	97.60	0.11
	802.11ac (HT20)	93.63	0.29
	802.11ac (HT40)	88.72	0.52
	802.11n(HT20)	95.32	0.21
	802.11n(HT40)	91.34	0.39
	802.11ac(HT80)	81.84	0.87

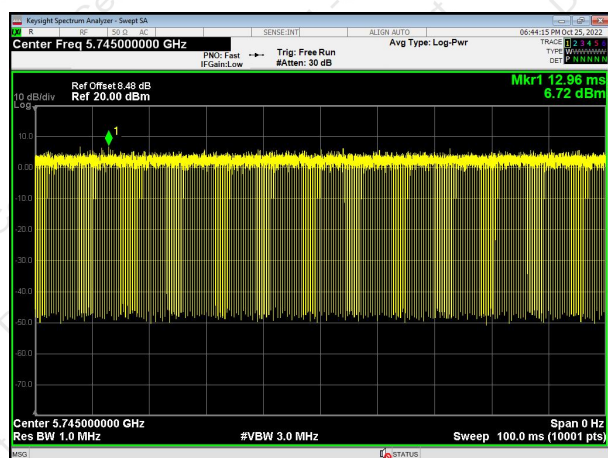
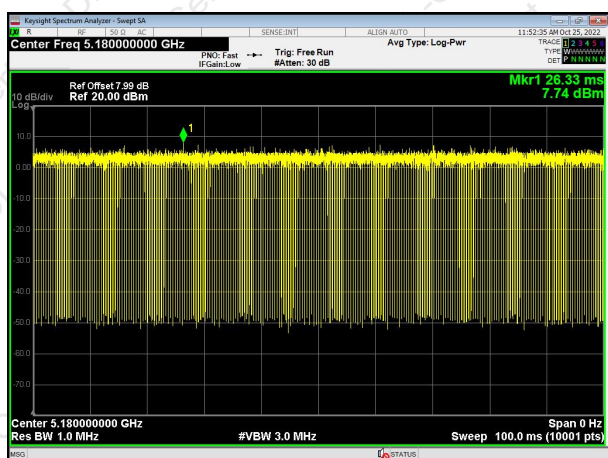


Antenna 1:

802.11a



802.11ac HT20



802.11ac HT40

