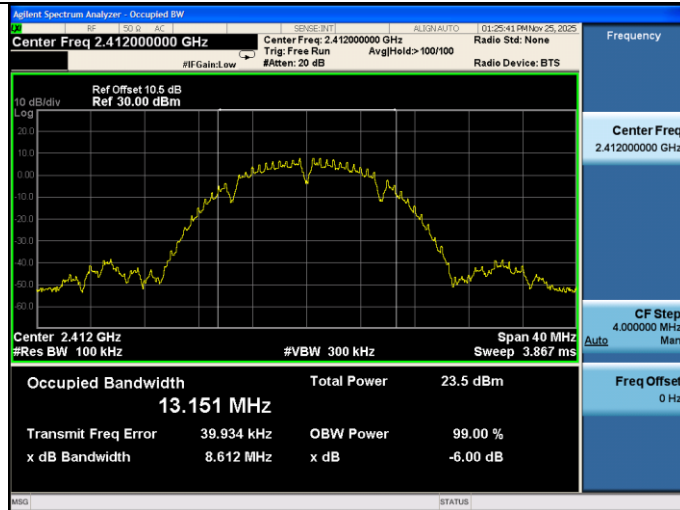
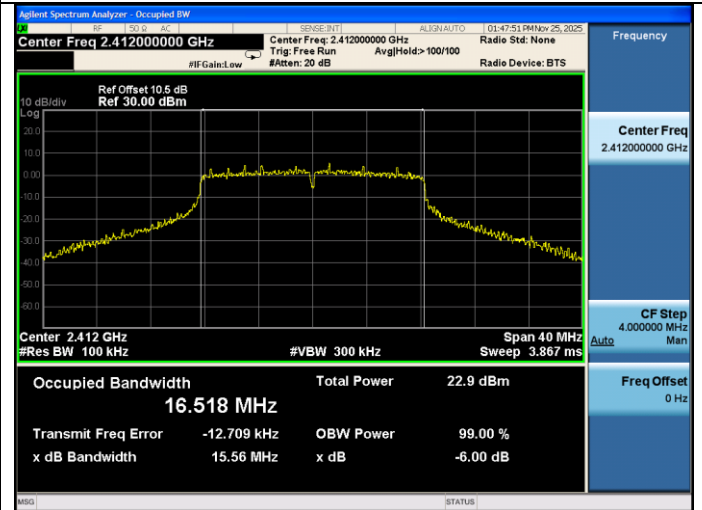


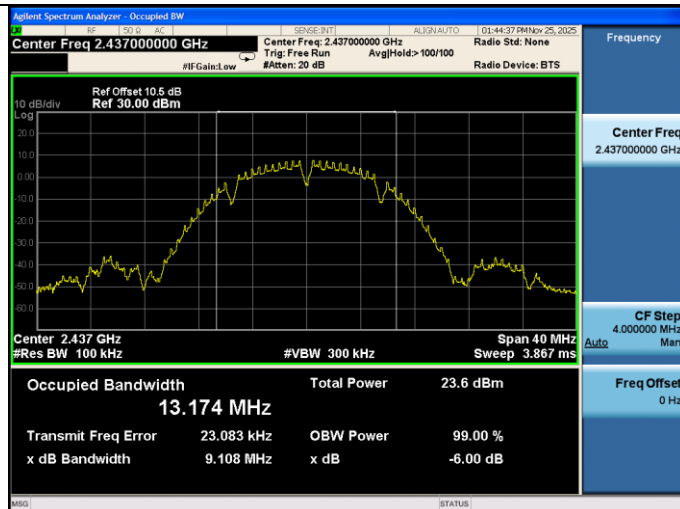
Test Mode: IEEE 802.11b
Test CH1: 2412MHz



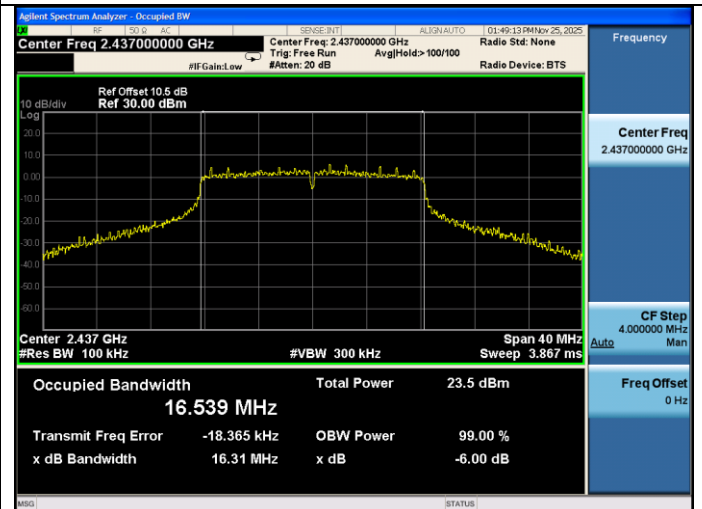
Test Mode: IEEE 802.11g
Test CH1: 2412MHz



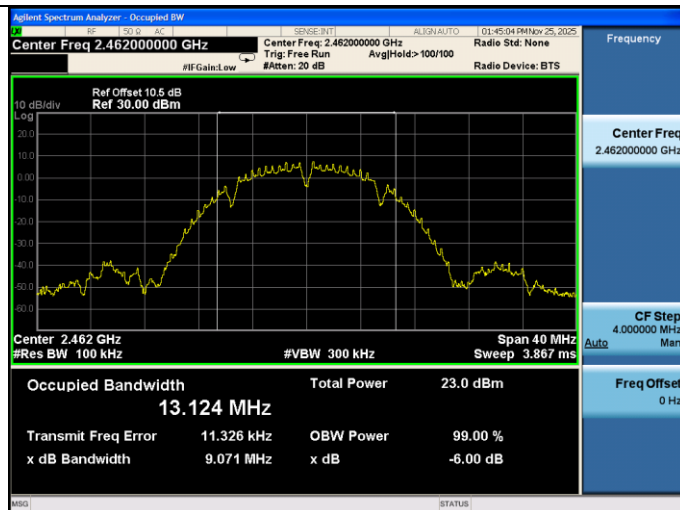
Test CH6: 2437MHz



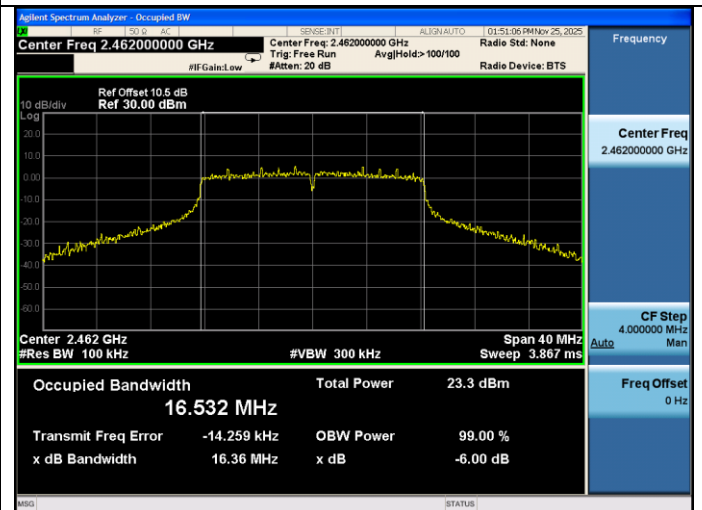
Test CH6: 2437MHz



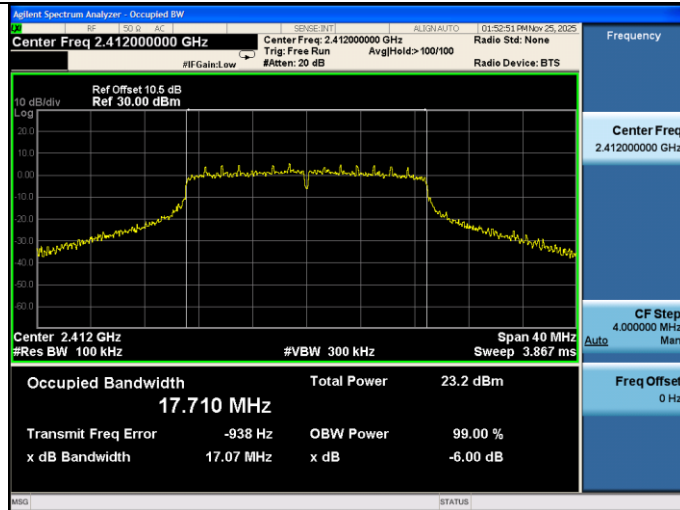
Test CH11: 2462MHz



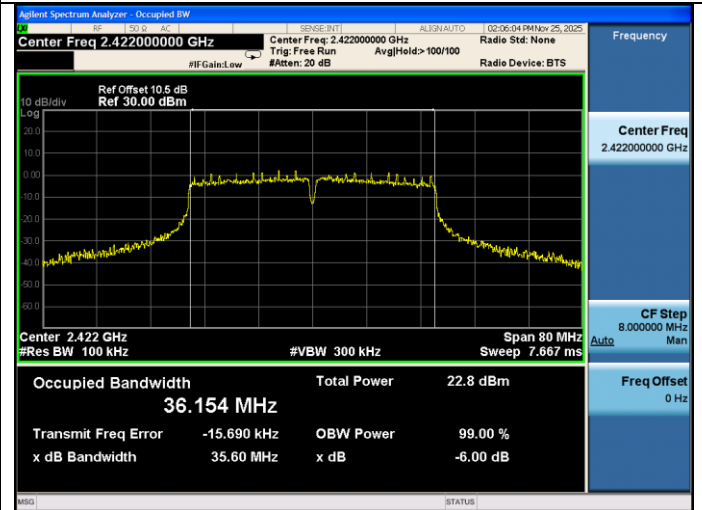
Test CH11: 2462MHz



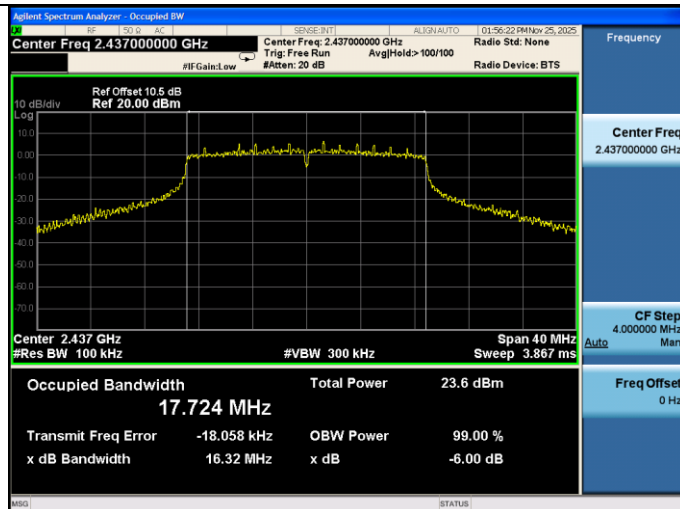
Test Mode: IEEE 802.11n HT20
Test CH1: 2412MHz



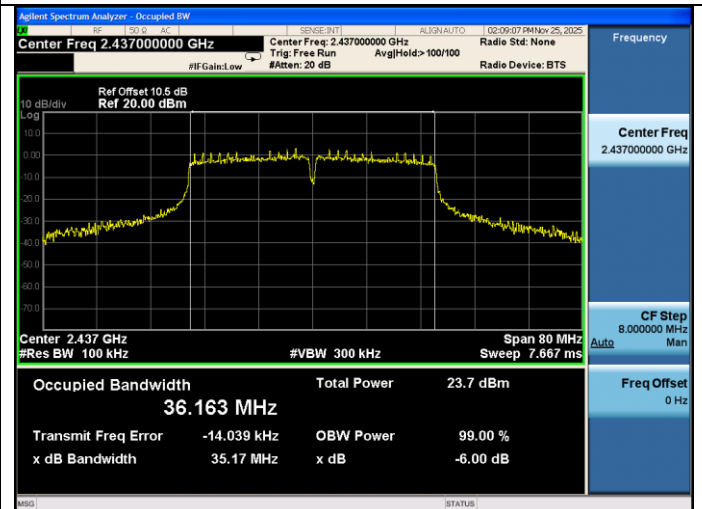
Test Mode: IEEE 802.11n HT40
Test CH1: 2422MHz



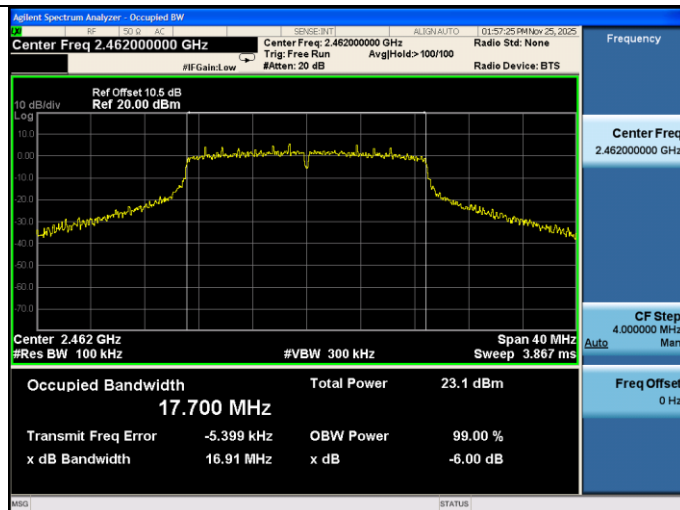
Test CH6: 2437MHz



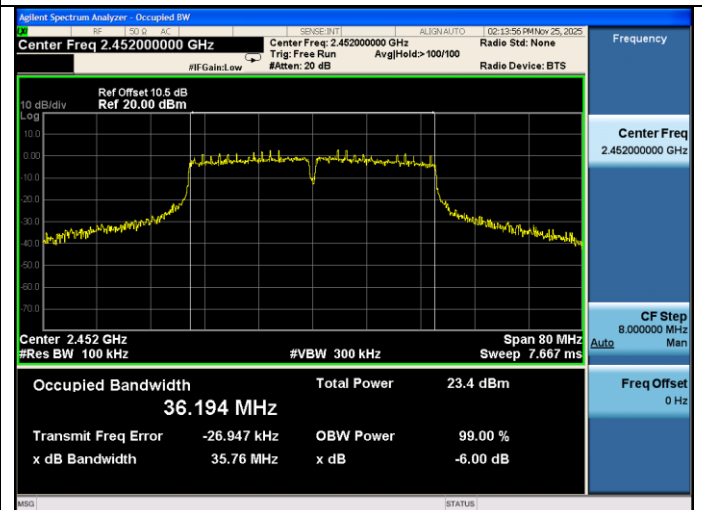
Test CH6: 2437MHz



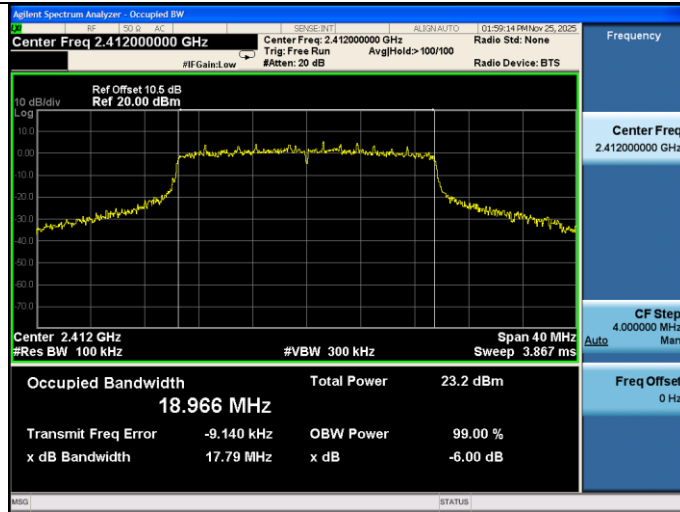
Test CH11: 2462MHz



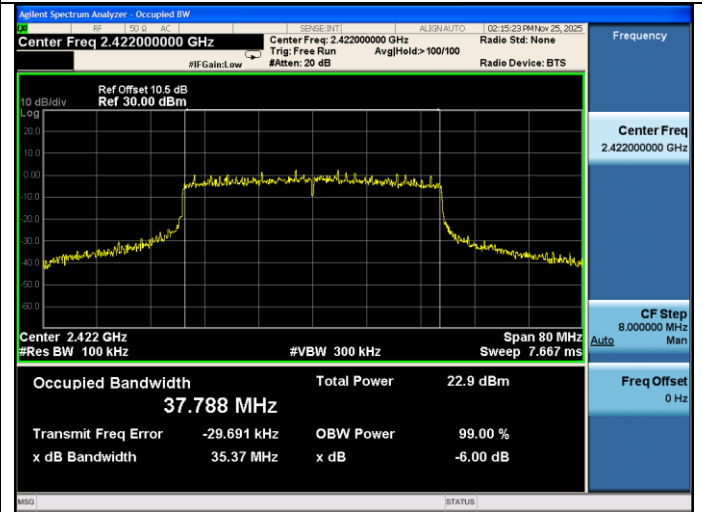
Test CH11: 2452MHz



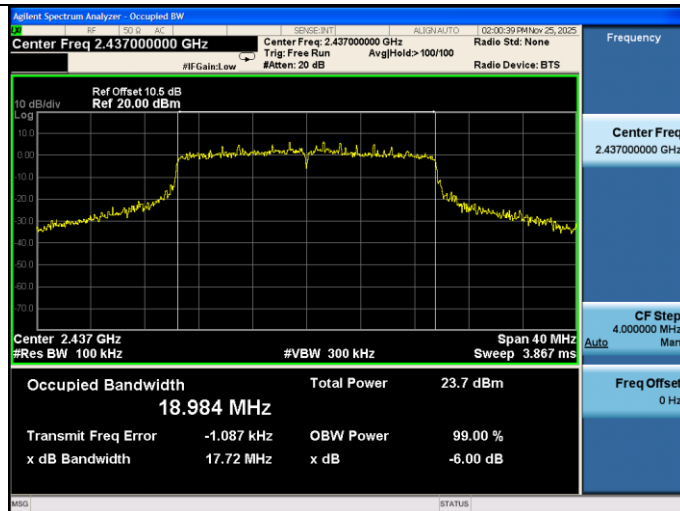
Test Mode: IEEE 802.11ax HE20
Test CH1: 2412MHz



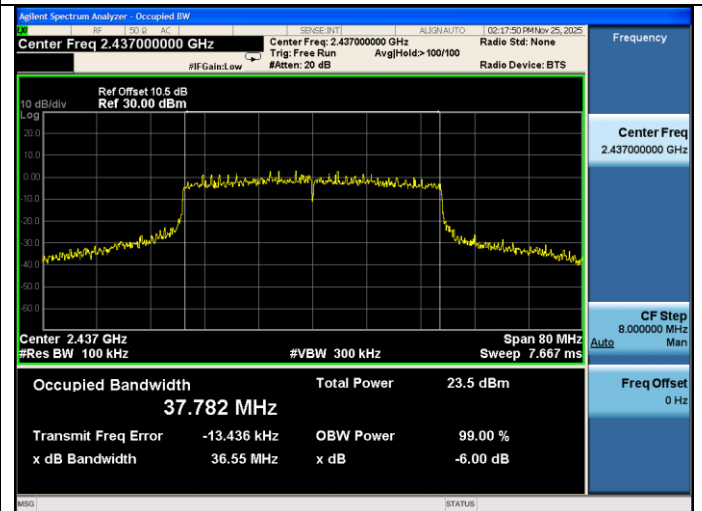
Test Mode: IEEE 802.11ax HE40
Test CH1: 2422MHz



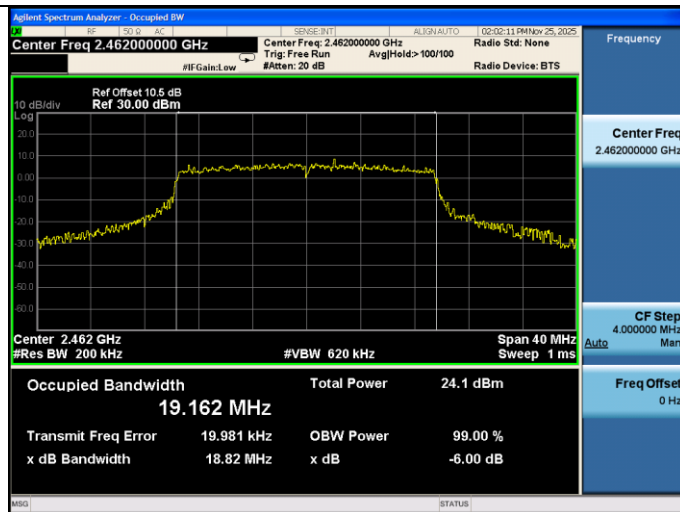
Test CH6: 2437MHz



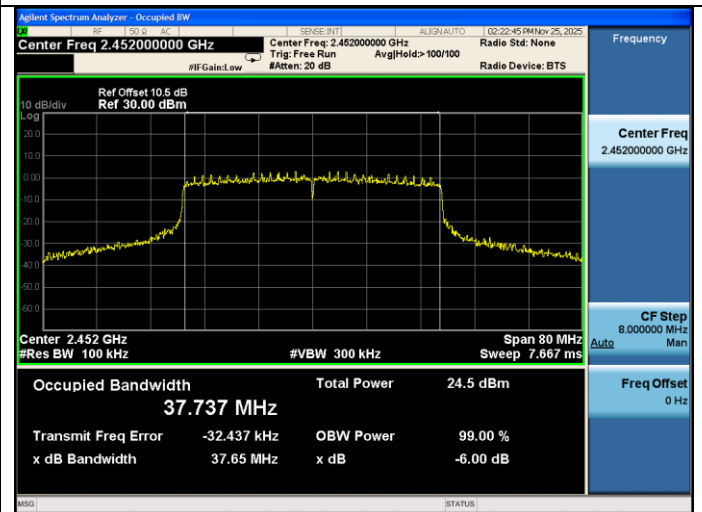
Test CH6: 2437MHz



Test CH11: 2462MHz



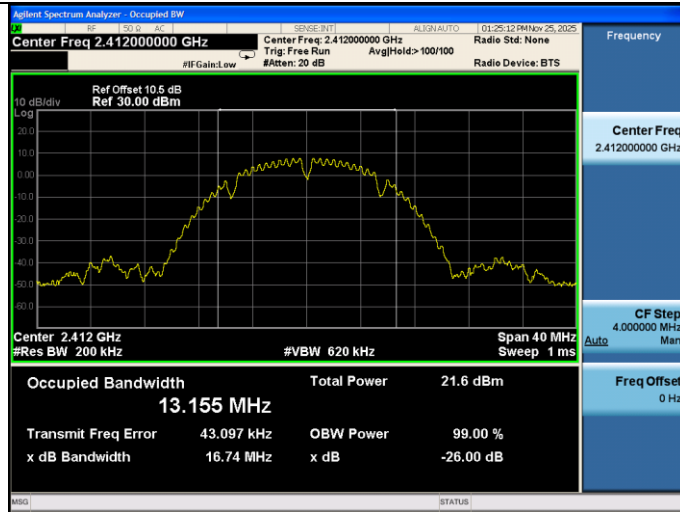
Test CH11: 2452MHz



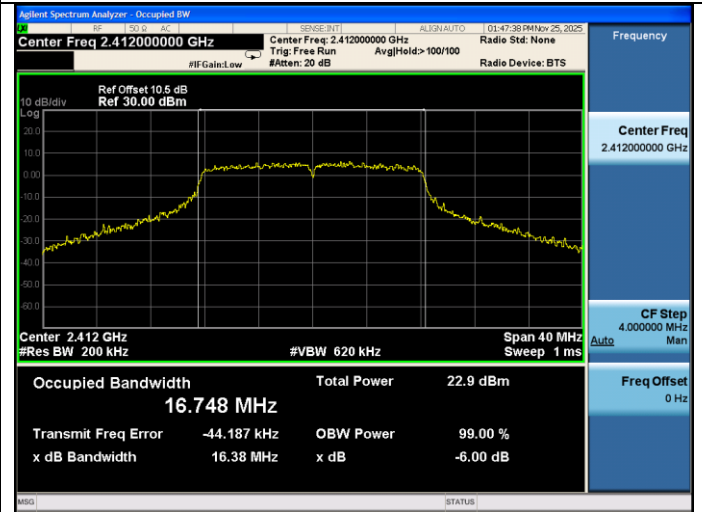
EUT: Car Camcorder		
M/N: P70		
Test date: 2025-11-25	Pressure: 102.1±1.0 kpa	Humidity: 52.5±3.0%
Tested by: Lili	Test site: RF site	Temperature: 23.2±0.6℃

Test Mode	CH	99%Bandwidth (MHz)	Limit (MHz)
11b	CH1	13.155	N/A
	CH6	13.199	
	CH11	13.164	
11g	CH1	16.748	N/A
	CH6	16.829	
	CH11	16.756	
11n HT20	CH1	17.872	N/A
	CH6	17.907	
	CH11	17.892	
11n HT40	CH3	36.433	N/A
	CH6	36.537	
	CH9	36.484	
11ax HE20	CH1	19.048	N/A
	CH6	19.064	
	CH11	18.966	
11ax HE40	CH3	37.840	N/A
	CH6	37.957	
	CH9	37.895	
Conclusion: Pass			

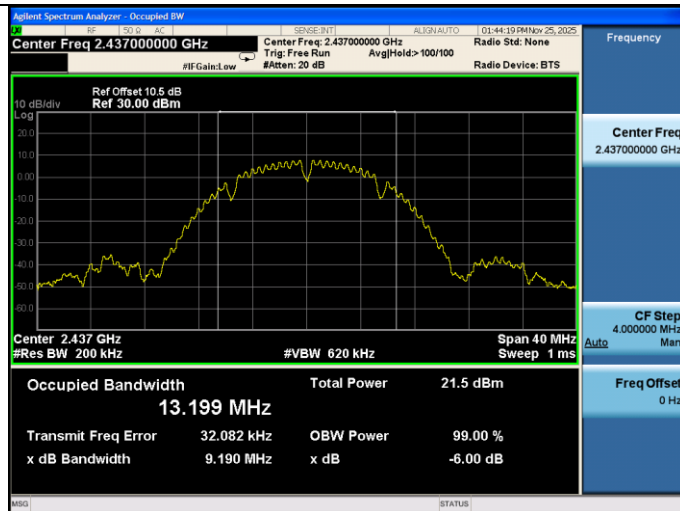
Test Mode: IEEE 802.11b
Test CH1: 2412MHz



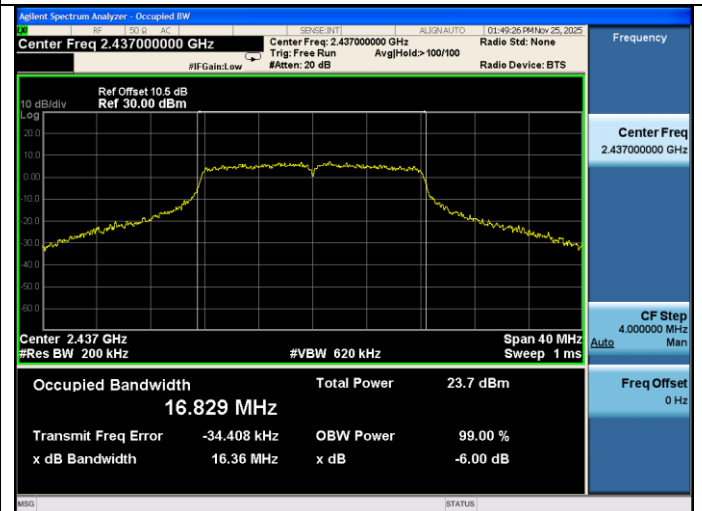
Test Mode: IEEE 802.11g
Test CH1: 2412MHz



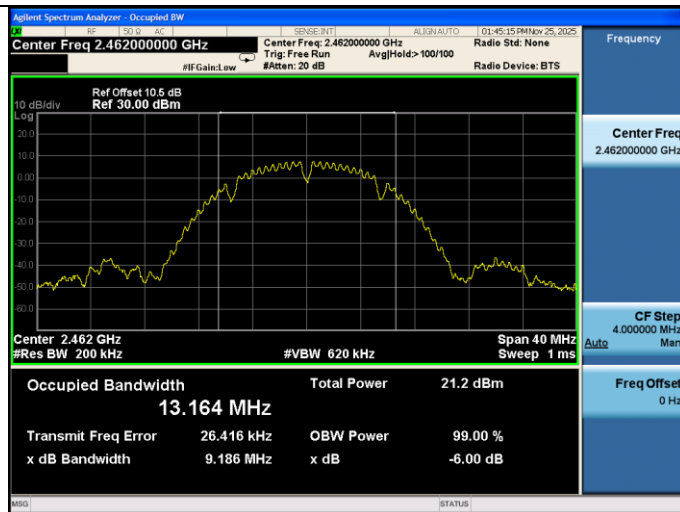
Test CH6: 2437MHz



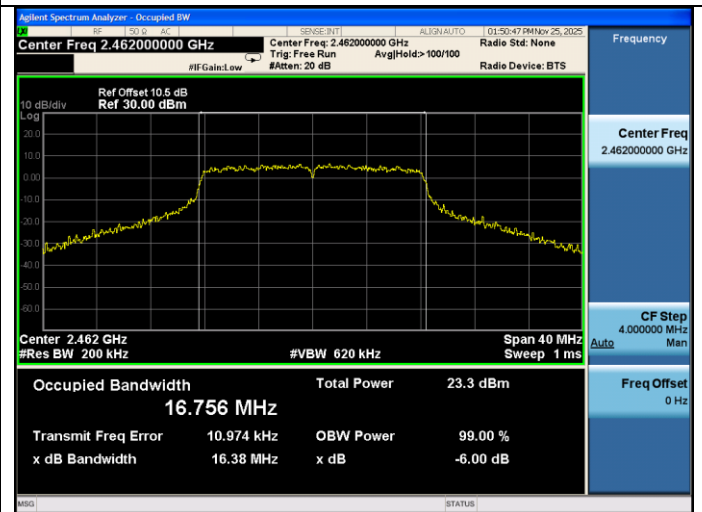
Test CH6: 2437MHz



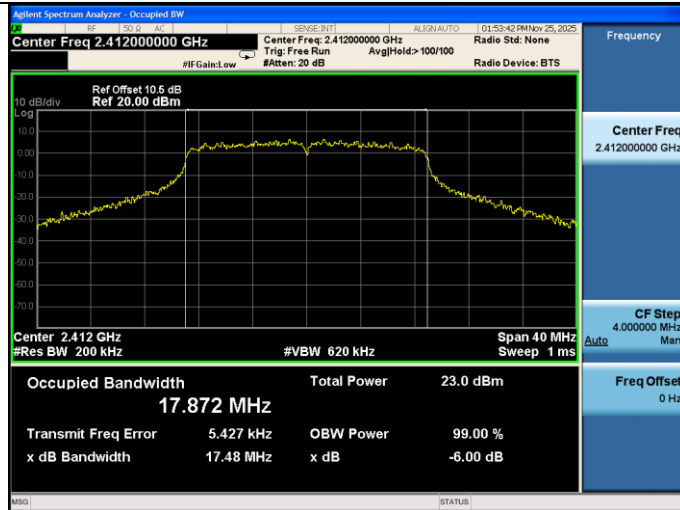
Test CH11: 2462MHz



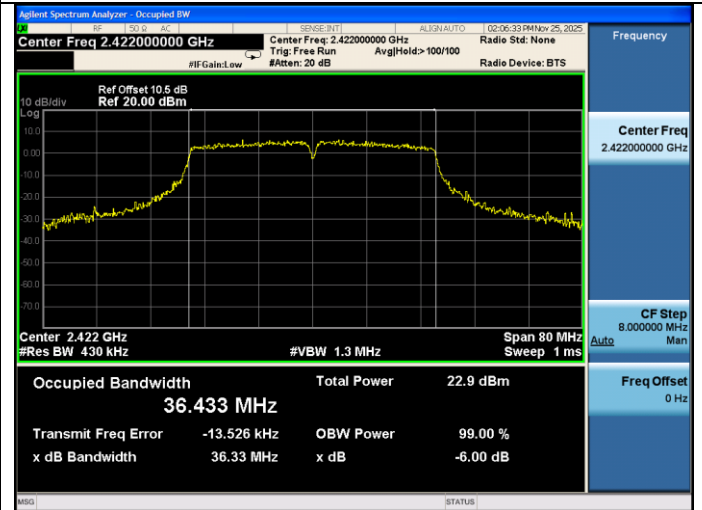
Test CH11: 2462MHz



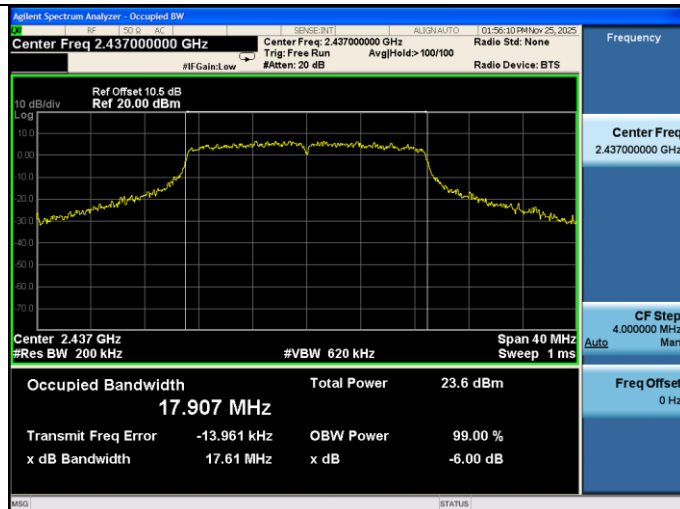
Test Mode: IEEE 802.11n HT20
Test CH1: 2412MHz



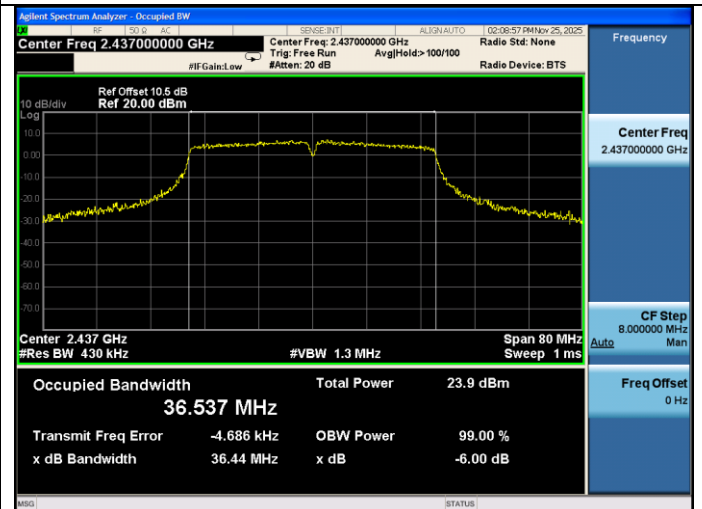
Test Mode: IEEE 802.11n HT40
Test CH1: 2422MHz



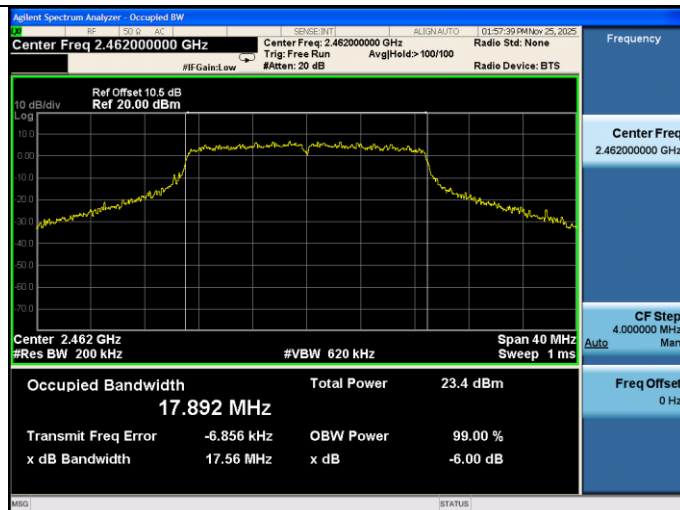
Test CH6: 2437MHz



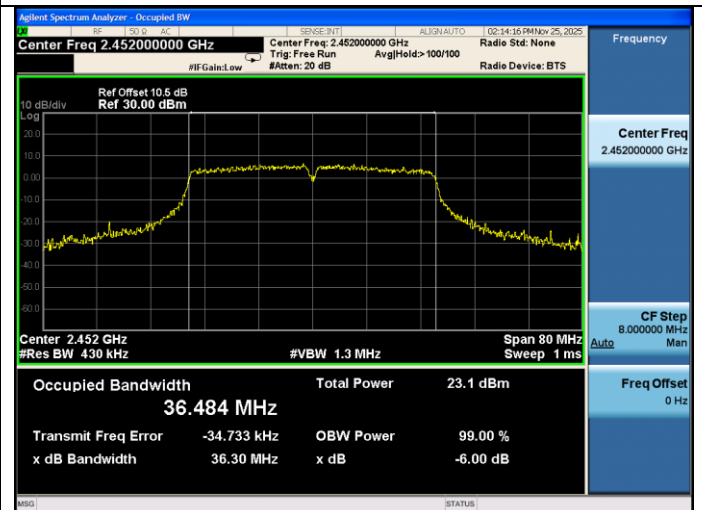
Test CH6: 2437MHz



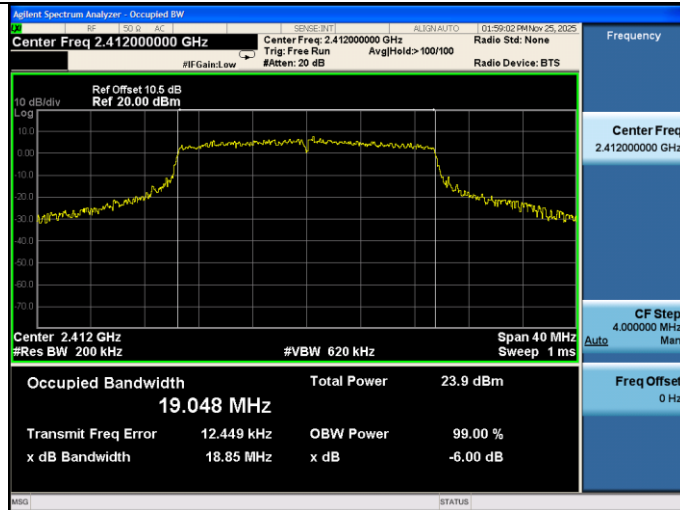
Test CH11: 2462MHz



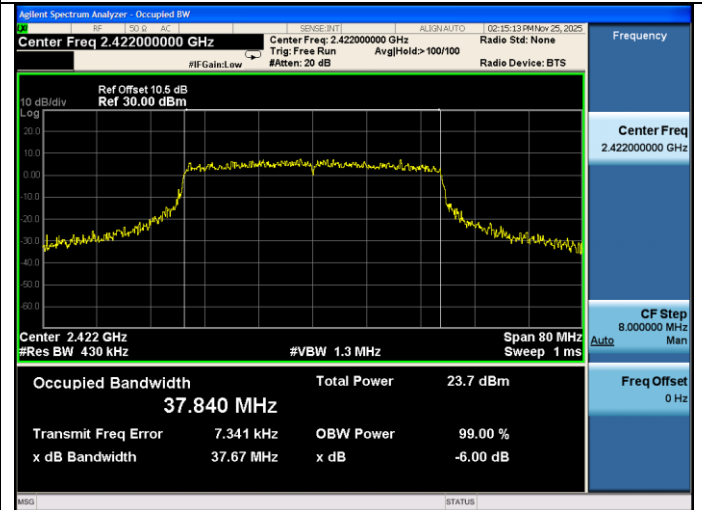
Test CH11: 2452MHz



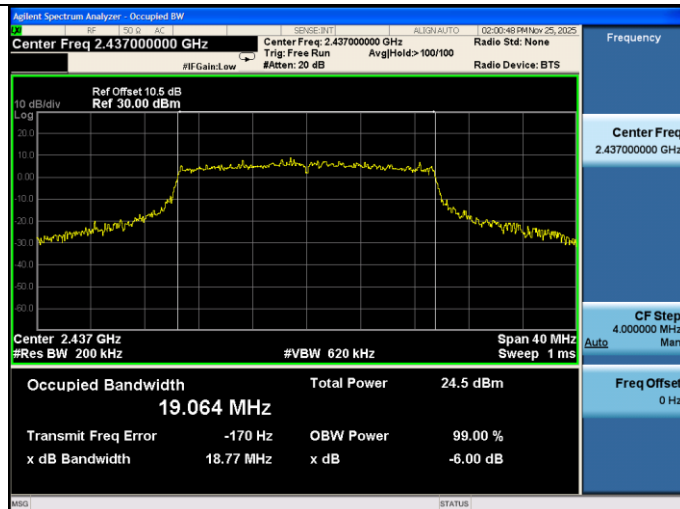
Test Mode: IEEE 802.11ax HE20
Test CH1: 2412MHz



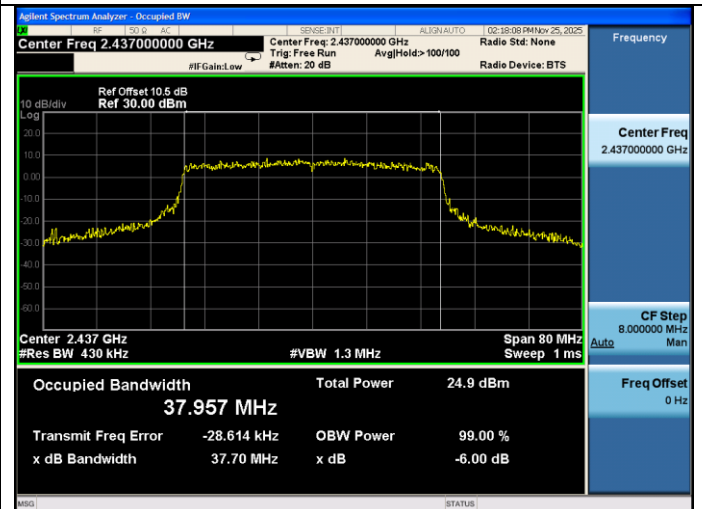
Test Mode: IEEE 802.11ax HE40
Test CH1: 2422MHz



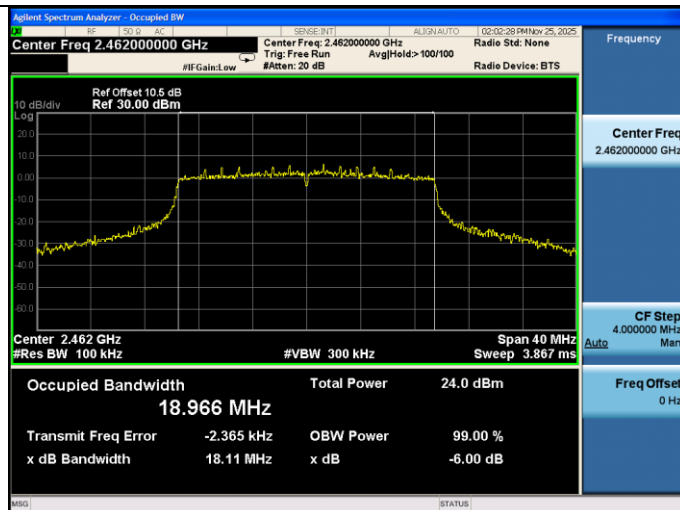
Test CH6: 2437MHz



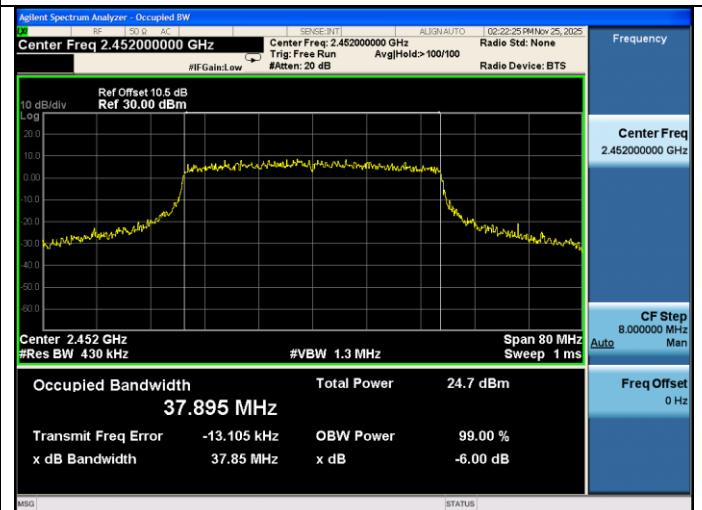
Test CH6: 2437MHz



Test CH11: 2462MHz



Test CH11: 2452MHz



8. OUTPUT POWER TEST

8.1. Limit (FCC Part 15C 15.247 b(3))

For systems using digital modulation in the 2400—2483.5MHz, The Peak output Power shall not exceed 1W(30dBm), As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level.

8.2. Test Procedure

1. Connected the EUT's antenna port to measure device by 10dB attenuator.
2. Use the test method described in ANSI C63.10 clause 11.9.2.2.2 Method AVGSA-1.
 - 1) Set span to at least 1.5 times the OBW.
 - 2) Set RBW = 1% to 5% of the OBW, not to exceed 1 MHz.
 - 3) Set VBW $\geq [3 \times \text{RBW}]$.
 - 4) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
 - 5) Sweep time = auto.
 - 6) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
 - 7) If transmit duty cycle $< 98\%$, use a sweep trigger with the level set to enable triggering only on full power pulses. The transmitter shall operate at the maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no OFF intervals) or at duty cycle $\geq 98\%$, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run."
 - 8) Trace average at least 100 traces in power averaging (rms) mode.
 - 9) Compute power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function, with band limits set equal to the OBW band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

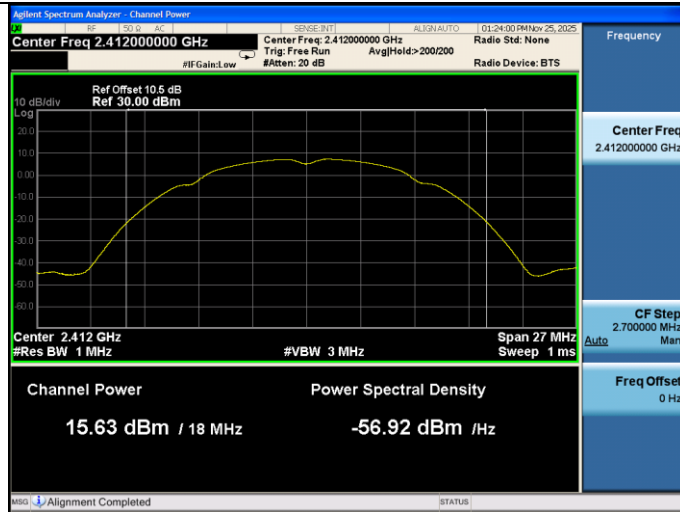
8.3. Test Results

EUT: Car Camcorder		
M/N: P70		
Test date: 2025-11-25	Pressure: 102.1±1.0kpa	Humidity: 52.5±3.0%
Tested by: Lili	Test site: RF site	Temperature: 23.2±0.6℃

Test Mode	CH	Power Setting	Channel Power (dBm)	Duty factor (dB)	Output Power (dBm)	Limit (dBm)
11b	CH1	15	15.63	0.32	15.95	30
	CH6	15	15.69	0.32	16.01	
	CH11	15	15.42	0.32	15.74	
11g	CH1	15	13.90	1.73	15.63	30
	CH6	15	15.07	1.73	16.80	
	CH11	15	14.72	1.73	16.45	
11n HT20	CH1	15	13.90	1.81	15.71	30
	CH6	15	14.89	1.81	16.70	
	CH11	15	14.50	1.81	16.31	
11n HT40	CH3	15	12.46	3.14	15.60	30
	CH6	15	13.12	3.14	16.26	
	CH9	15	13.23	3.14	16.37	
11ax HE20	CH1	15	13.43	2.23	15.66	30
	CH6	15	14.22	2.23	16.45	
	CH11	15	13.53	2.23	15.76	
11ax HE40	CH3	15	12.00	3.62	15.62	30
	CH6	15	12.49	3.62	16.11	
	CH9	15	12.91	3.62	16.53	

Conclusion: Pass

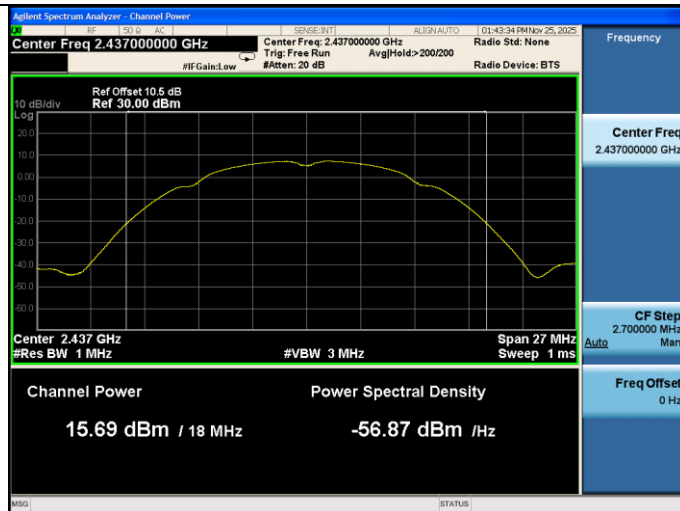
Test Mode: IEEE 802.11b
Test CH1: 2412MHz



Test Mode: IEEE 802.11g
Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



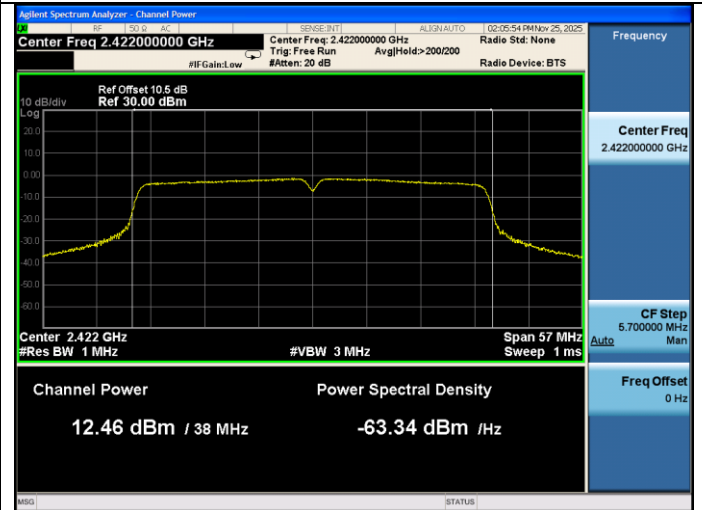
Test CH11: 2462MHz



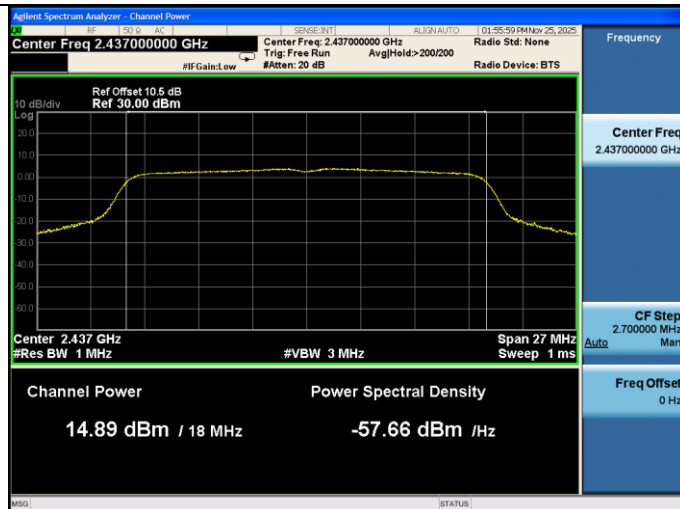
Test Mode: IEEE 802.11n HT20
Test CH1: 2412MHz



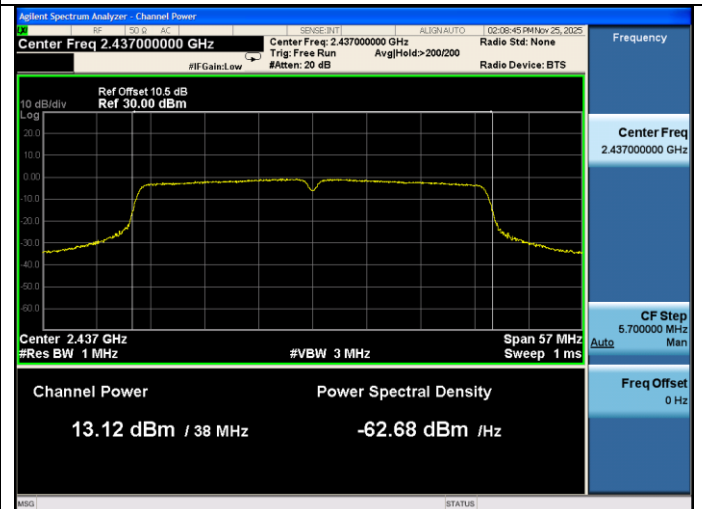
Test Mode: IEEE 802.11n HT40
Test CH1: 2422MHz



Test CH6: 2437MHz



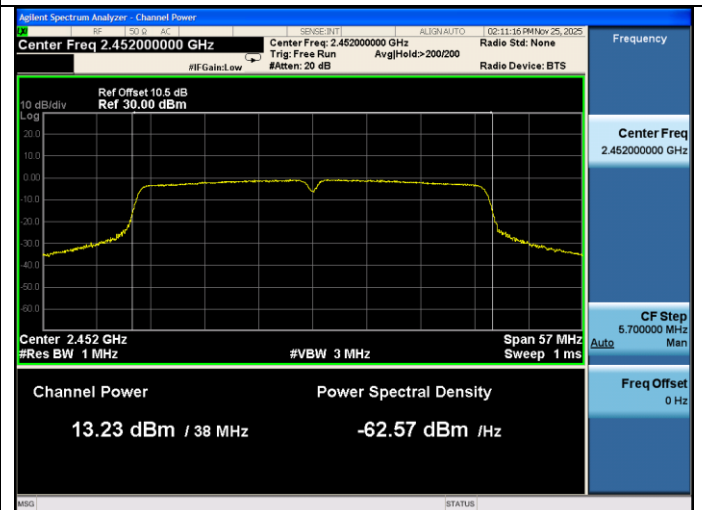
Test CH6: 2437MHz



Test CH11: 2462MHz



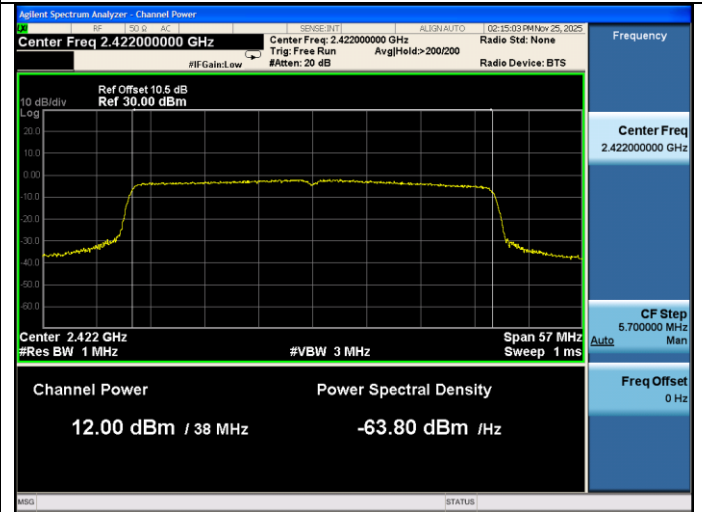
Test CH11: 2452MHz



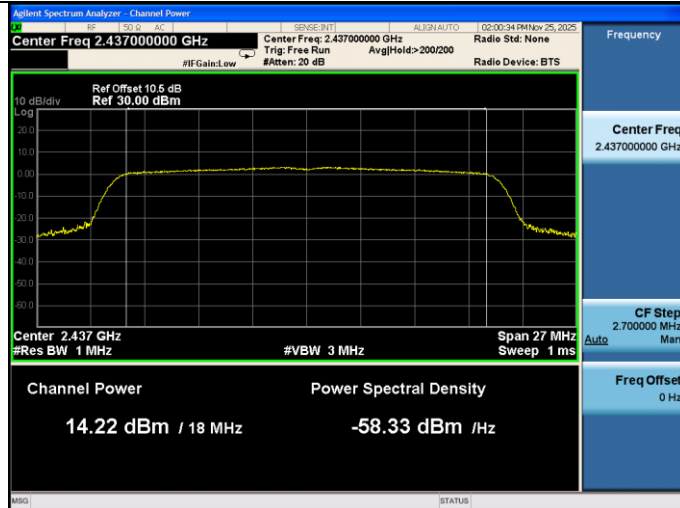
Test Mode: IEEE 802.11ax HE20
Test CH1: 2412MHz



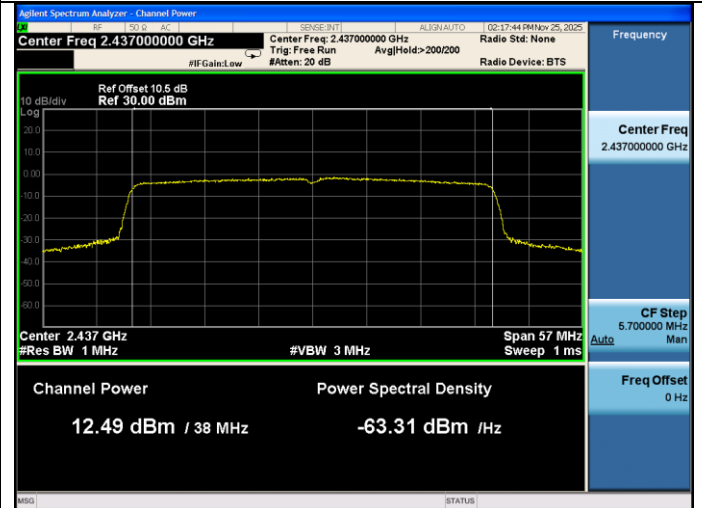
Test Mode: IEEE 802.11ax HE40
Test CH1: 2422MHz



Test CH6: 2437MHz



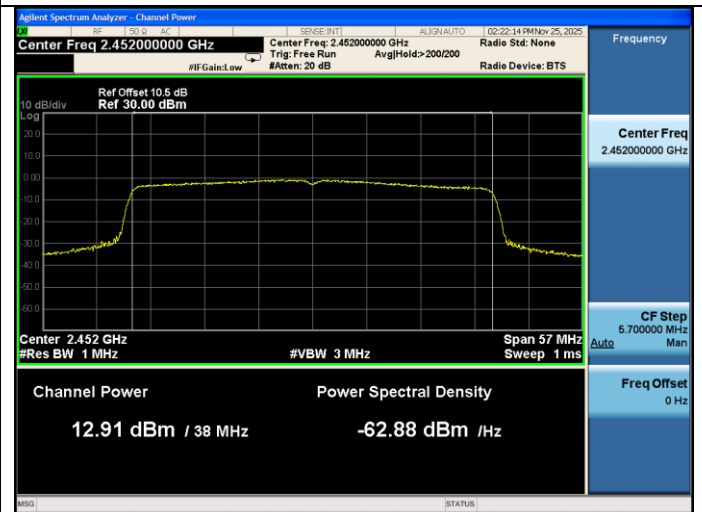
Test CH6: 2437MHz



Test CH11: 2462MHz



Test CH11: 2452MHz



9. Power Spectral Density Test

9.1. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

9.2. Test Procedure

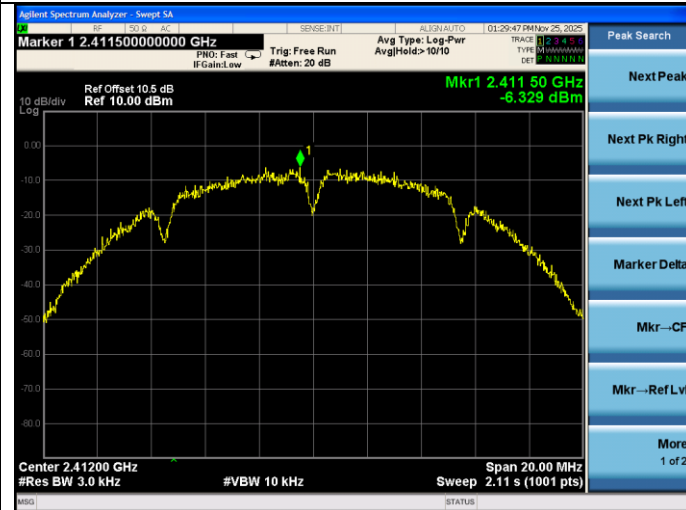
- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 DTS bandwidth.
- c) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq [3 \times \text{RBW}]$.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.

9.3. Test Results

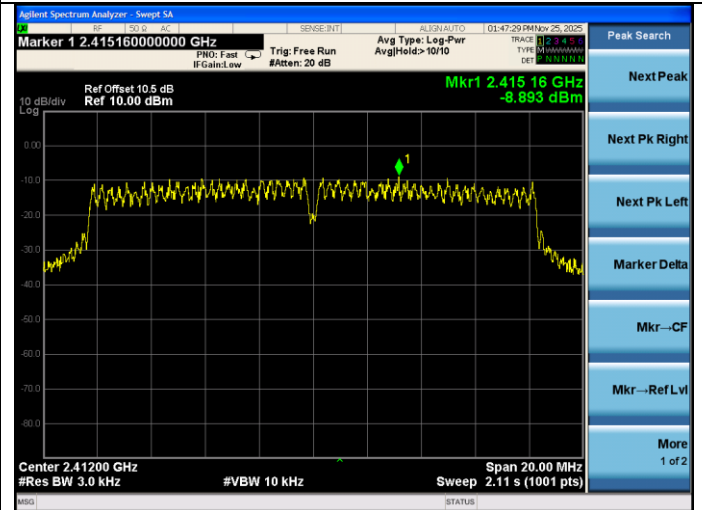
EUT: Car Camcorder		
M/N: P70		
Test date: 2025-11-25	Pressure: 102.1±1.0 kpa	Humidity: 52.5±3.0%
Tested by: Lili	Test site: RF site	Temperature: 23.2±0.6℃

Test Mode	CH	Power Spectral Density (dBm/3KHz)	Limit (dBm/3KHz)
11b	CH1	-6.329	8
	CH6	-6.462	
	CH11	-5.898	
11g	CH1	-8.893	
	CH6	-7.866	
	CH11	-8.780	
11n HT20	CH1	-8.343	
	CH6	-8.098	
	CH11	-8.709	
11n HT40	CH3	-11.662	
	CH6	-11.793	
	CH9	-10.676	
11ax HE20	CH1	-10.214	
	CH6	-8.510	
	CH11	-8.688	
11ax HE40	CH3	-12.367	
	CH6	-11.690	
	CH9	-11.489	
Conclusion: Pass			

Test Mode: IEEE 802.11b
Test CH1: 2412MHz



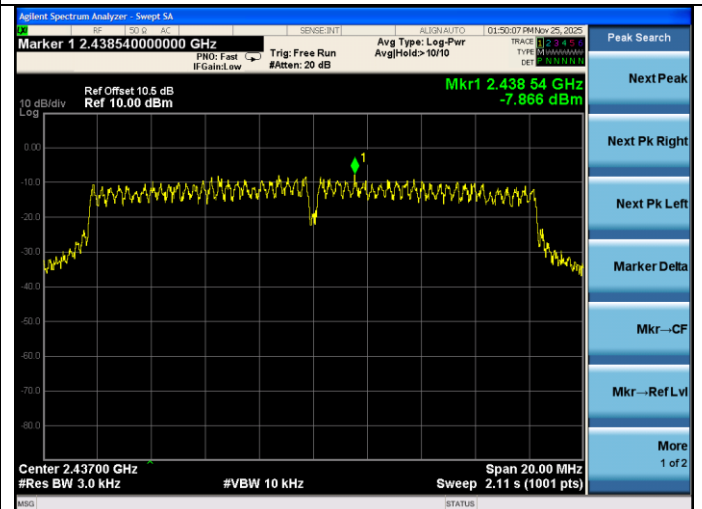
Test Mode: IEEE 802.11g
Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



Test CH11: 2462MHz

