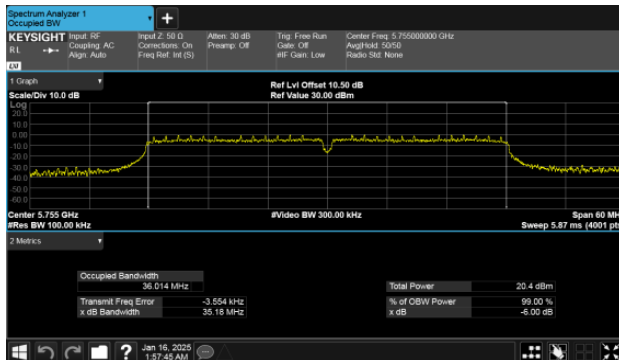


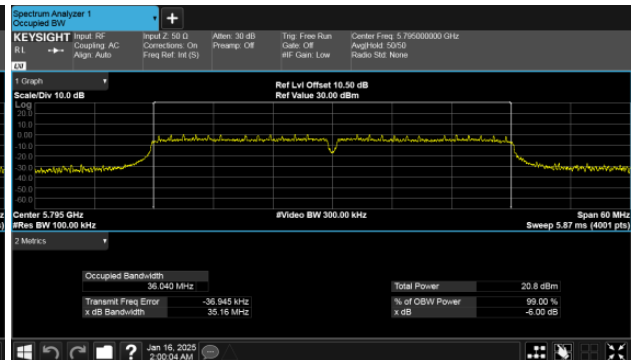


6dB Bandwidth

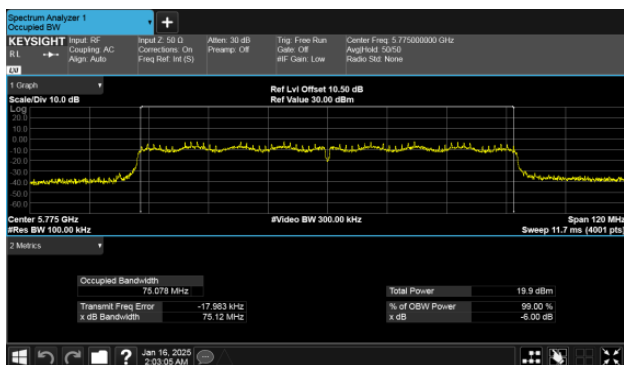
Modulation Type: 802.11ac VHT40 CH151



Modulation Type: 802.11ac VHT40 CH159



Modulation Type: 802.11ac VHT80 CH155



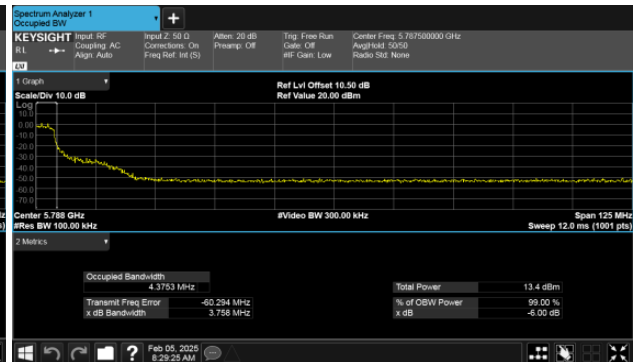


6dB Bandwidth

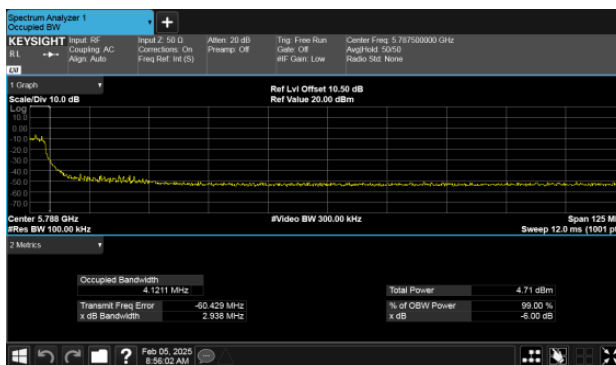
Extends across 5725MHz Band, Straddle Channel

Modulation Type: 802.11a CH144

Modulation Type: 802.11ac VHT20 CH144



Modulation Type: 802.11ac VHT40 CH142



Modulation Type: 802.11ac VHT80 CH138





99% Bandwidth

Modulation Type: 802.11a CH149



Modulation Type: 802.11a CH157



Modulation Type: 802.11a CH165





99% Bandwidth

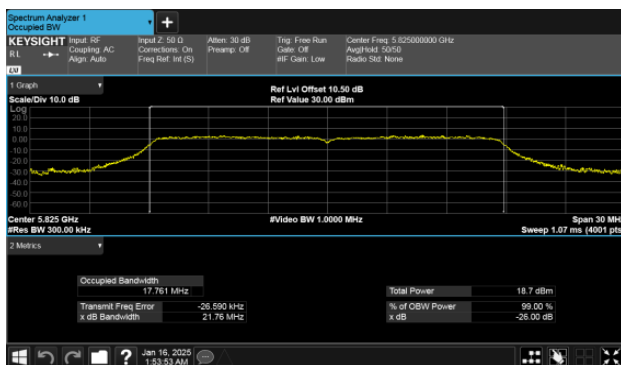
Modulation Type: 802.11ac VHT20 CH149



Modulation Type: 802.11ac VHT20 CH157



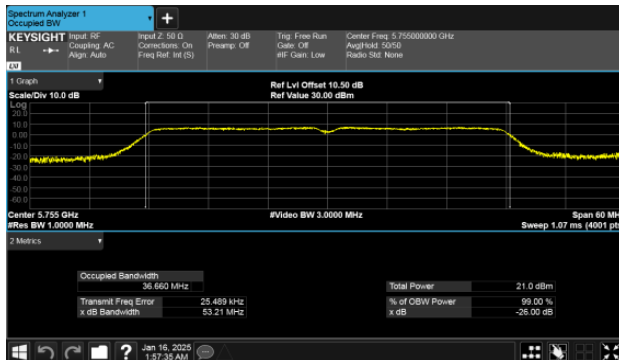
Modulation Type: 802.11ac VHT20 CH165





99% Bandwidth

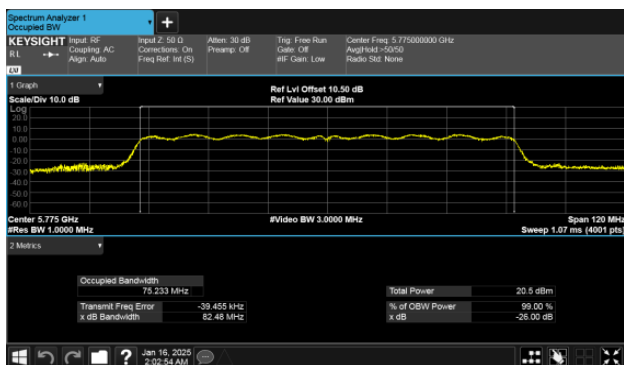
Modulation Type: 802.11ac VHT40 CH151



Modulation Type: 802.11ac VHT40 CH159



Modulation Type: 802.11ac VHT80 CH155



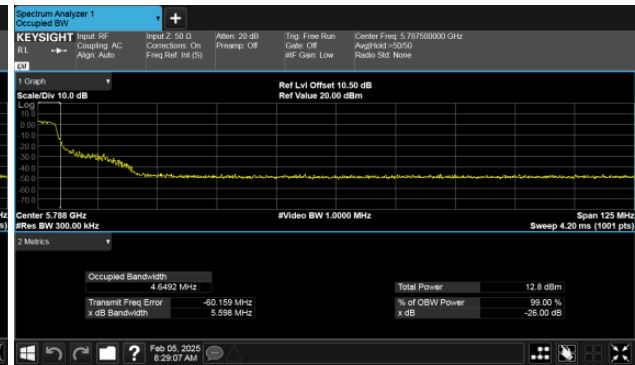
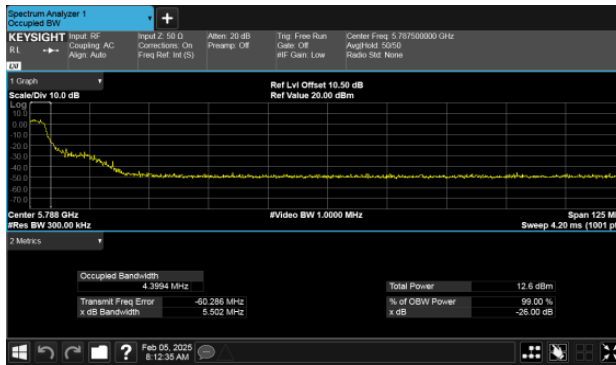


99% Bandwidth

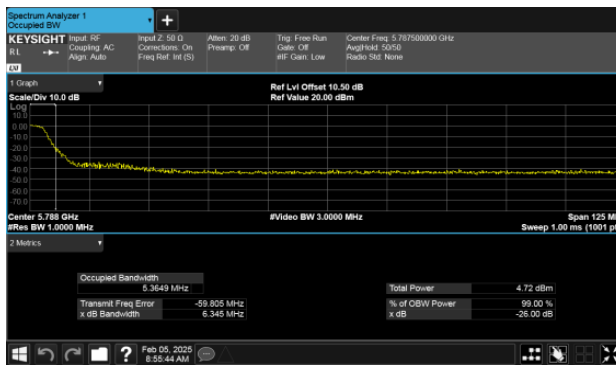
Extends across 5725MHz Band, Straddle Channel

Modulation Type: 802.11a CH144

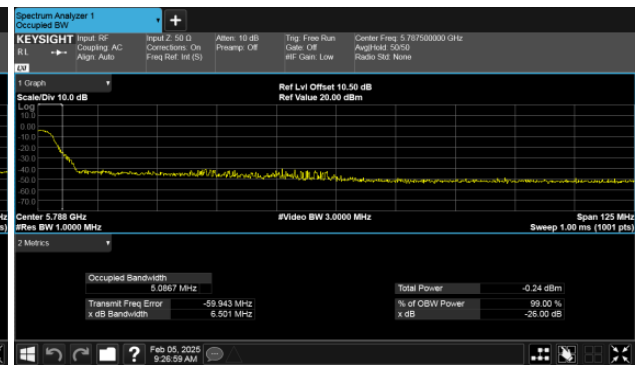
Modulation Type: 802.11ac VHT20 CH144



Modulation Type: 802.11ac VHT40 CH142



Modulation Type: 802.11ac VHT80 CH138





9. 26dB Bandwidth & 99% Occupied Bandwidth

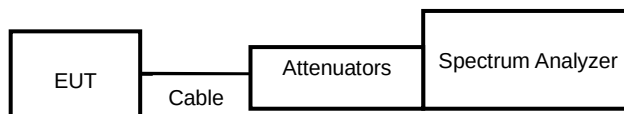
9.1. Test Limit

None; for reporting purposes only.

9.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW = approximately 1% of the emission bandwidth, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

9.3. Test Setup Layout



9.4. Test Result and Data

In the 5.2G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
11a	36	5180	21.25
11a	40	5200	21.31
11a	48	5240	21.42
11ac VHT20	36	5180	21.5
11ac VHT20	40	5200	22.82
11ac VHT20	48	5240	22.89
11ac VHT40	38	5190	44.88
11ac VHT40	46	5230	51.69
11ac VHT80	42	5210	81.81



In the 5.3G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
11a	52	5260	21.44
11a	60	5300	22.9
11a	64	5320	22.54
11ac VHT20	52	5260	27.45
11ac VHT20	60	5300	27.4
11ac VHT20	64	5320	26.98
11ac VHT40	54	5270	57.58
11ac VHT40	62	5310	48.37
11ac VHT80	58	5290	81.44

In the 5.5G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
11a	100	5500	22.91
11a	120	5600	22.05
11a	140	5700	21.66
11ac VHT20	100	5500	27.26
11ac VHT20	120	5600	23.21
11ac VHT20	140	5700	21.92
11ac VHT40	102	5510	51.46
11ac VHT40	118	5590	57.66
11ac VHT40	134	5670	57.19
11ac VHT80	106	5530	91.32
11ac VHT80	122	5610	90.58

UNII Emission Bandwidth Result (Within 5470-5725MHz band)			
Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth(MHz)
11a	6 Mbps	5720	15.63
11ac VHT20	NSS1-MCS0	5720	15.88
11ac VHT40	NSS1-MCS0	5710	36.35
11ac VHT80	NSS1-MCS0	5690	75.90



In the 5.2G Band

Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)
11a	36	5180	16.76
11a	40	5200	16.81
11a	48	5240	16.82
11ac VHT20	36	5180	17.81
11ac VHT20	40	5200	17.87
11ac VHT20	48	5240	17.87
11ac VHT40	38	5190	36.46
11ac VHT40	46	5230	36.57
11ac VHT80	42	5210	75.24

In the 5.3G Band

Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)
11a	52	5260	16.79
11a	60	5300	16.77
11a	64	5320	16.72
11ac VHT20	52	5260	17.94
11ac VHT20	60	5300	17.91
11ac VHT20	64	5320	17.87
11ac VHT40	54	5270	36.68
11ac VHT40	62	5310	36.45
11ac VHT80	58	5290	75.17



In the 5.5G Band

Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)
11a	100	5500	16.94
11a	120	5600	16.86
11a	140	5700	16.83
11ac VHT20	100	5500	17.86
11ac VHT20	120	5600	17.78
11ac VHT20	140	5700	17.74
11ac VHT40	102	5510	36.54
11ac VHT40	118	5590	36.66
11ac VHT40	134	5670	36.54
11ac VHT80	106	5530	75.43
11ac VHT80	122	5610	75.29

UNII Emission Bandwidth Result (Within 5470-5725MHz band)			
Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)
11a	6 Mbps	5720	13.31
11ac VHT20	NSS1-MCS0	5720	13.84
11ac VHT40	NSS1-MCS0	5710	32.95
11ac VHT80	NSS1-MCS0	5690	72.13



26dB Bandwidth
Modulation Type: 802.11a CH36



Modulation Type: 802.11a CH40



Modulation Type: 802.11a CH48



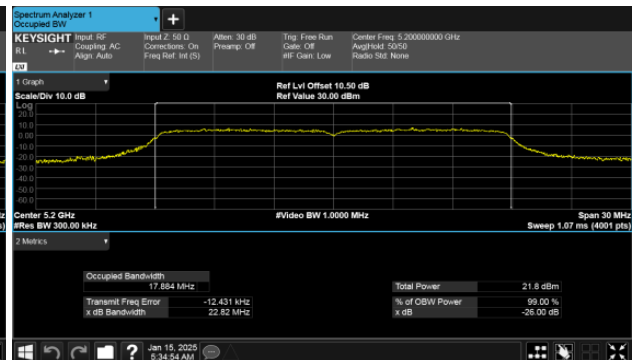


26dB Bandwidth

Modulation Type: 802.11ac VHT20 CH36



Modulation Type: 802.11ac VHT20 CH40



Modulation Type: 802.11ac VHT20 CH48





26dB Bandwidth

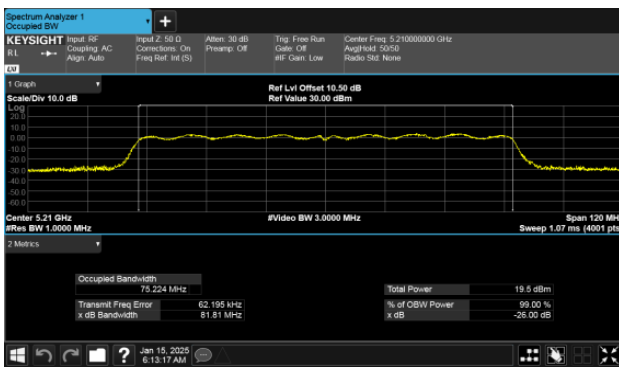
Modulation Type: 802.11ac VHT40 CH38



Modulation Type: 802.11ac VHT40 CH46



Modulation Type: 802.11ac VHT80 CH42





26dB Bandwidth
Modulation Type: 802.11a CH52



Modulation Type: 802.11a CH60



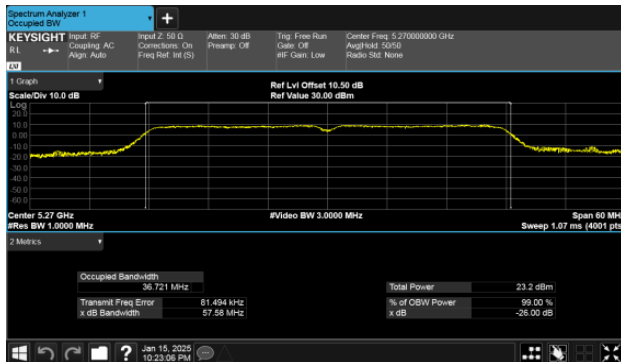
Modulation Type: 802.11a CH64





26dB Bandwidth

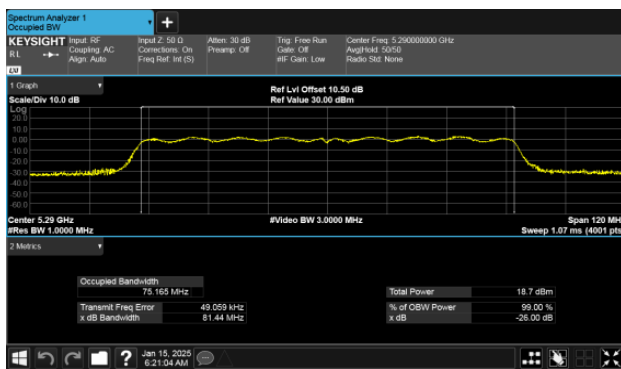
Modulation Type: 802.11ac VHT40 CH54



Modulation Type: 802.11ac VHT40 CH62

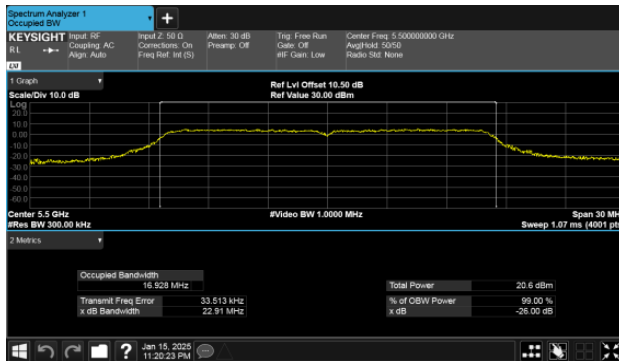


Modulation Type: 802.11ac VHT80 CH58

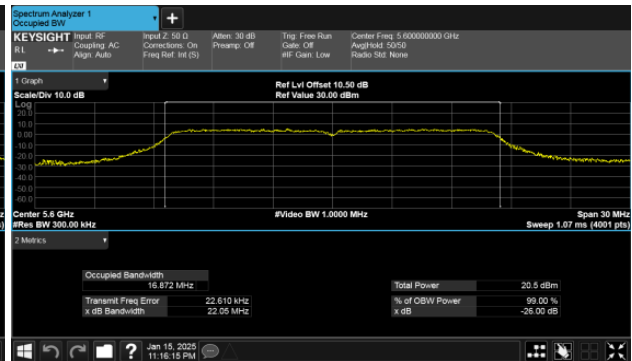




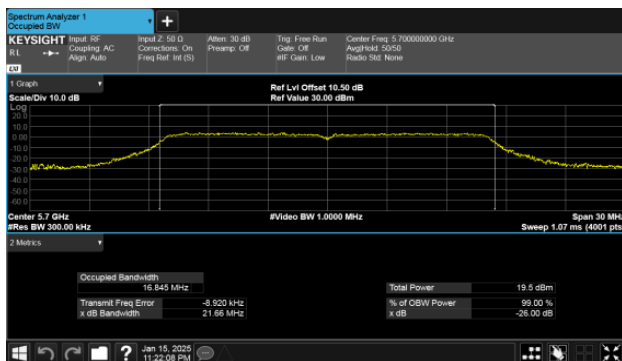
26dB Bandwidth
Modulation Type: 802.11a CH100



Modulation Type: 802.11a CH120



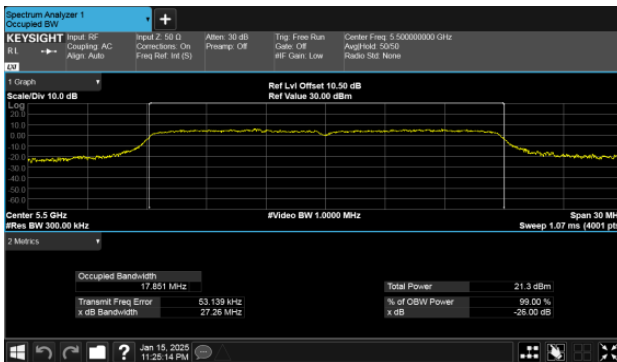
Modulation Type: 802.11a CH140



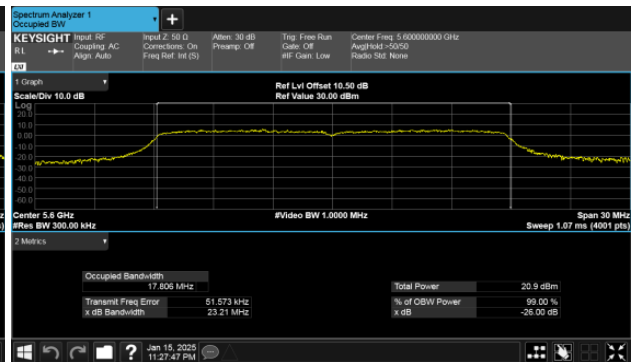


26dB Bandwidth

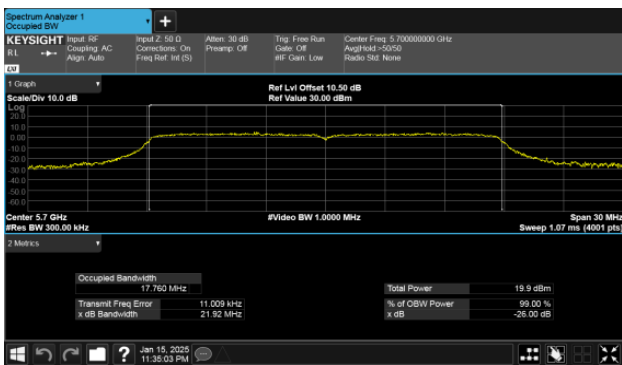
Modulation Type: 802.11ac VHT20 CH100



Modulation Type: 802.11ac VHT20 CH120



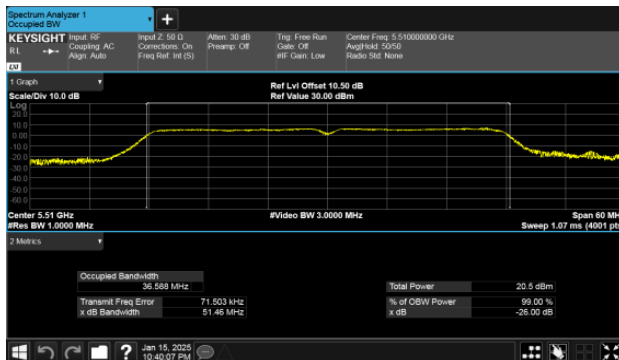
Modulation Type: 802.11ac VHT20 CH140



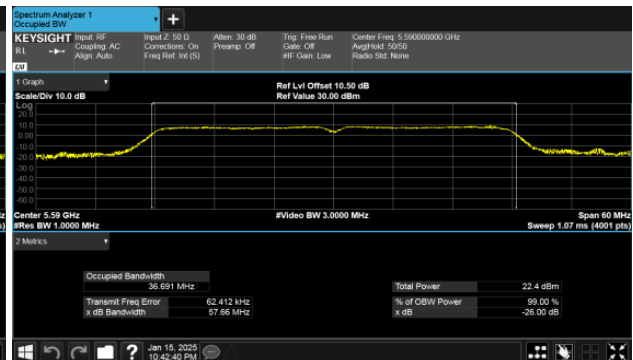


26dB Bandwidth

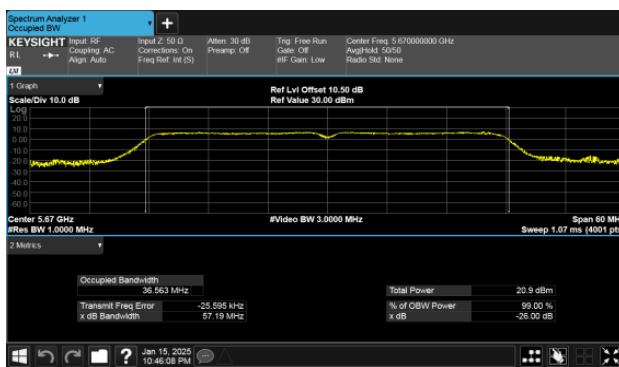
Modulation Type: 802.11ac VHT40 CH102



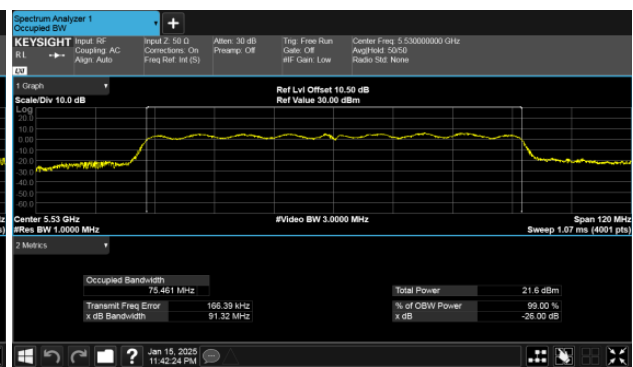
Modulation Type: 802.11ac VHT40 CH118



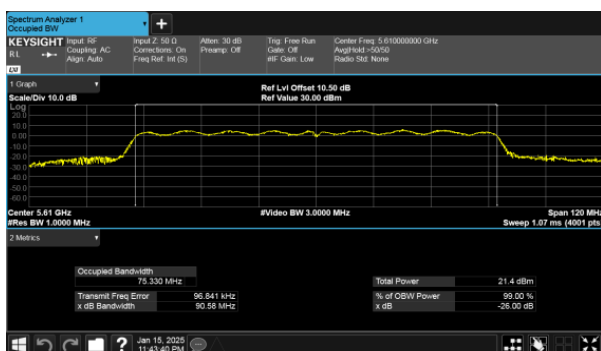
Modulation Type: 802.11ac VHT40 CH134



Modulation Type: 802.11ac VHT80 CH106



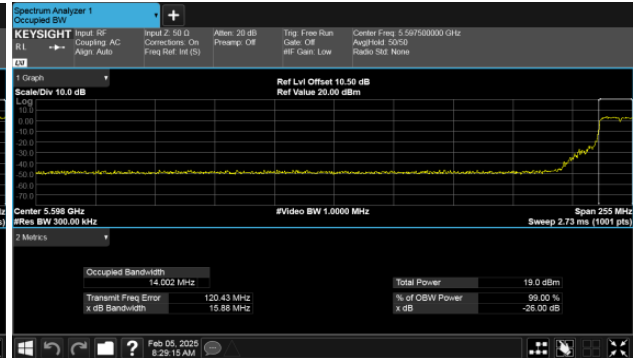
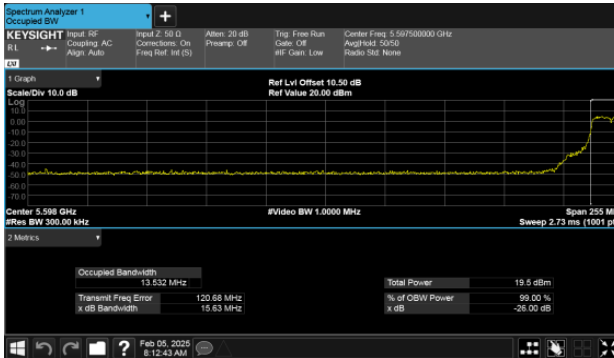
Modulation Type: 802.11ac VHT80 CH122





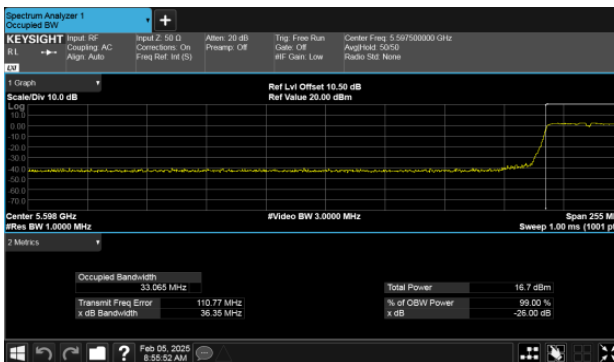
26dB Bandwidth
Within 5470-5725MHz Band, Straddle Channel
Modulation Type: 802.11a CH144

Modulation Type: 802.11ac VHT20 CH144



Modulation Type: 802.11ac VHT40 CH142

Modulation Type: 802.11ac VHT80 CH138

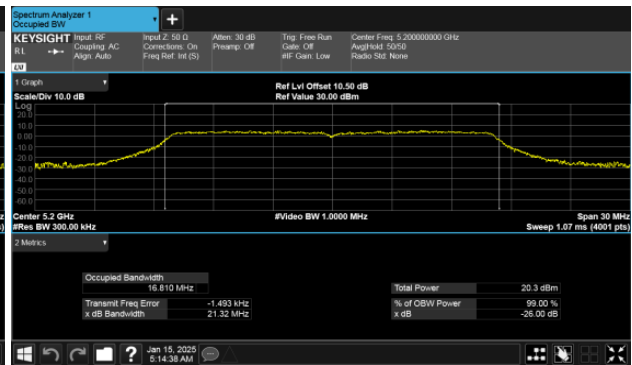




99% Bandwidth
Modulation Type: 802.11a CH36



Modulation Type: 802.11a CH40



Modulation Type: 802.11a CH48





99% Bandwidth

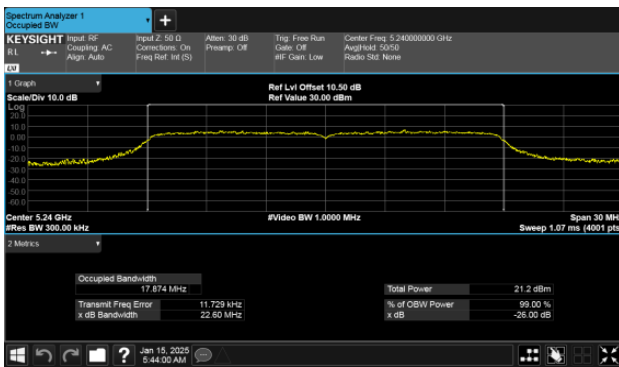
Modulation Type: 802.11ac VHT20 CH36



Modulation Type: 802.11ac VHT20 CH40



Modulation Type: 802.11ac VHT20 CH48



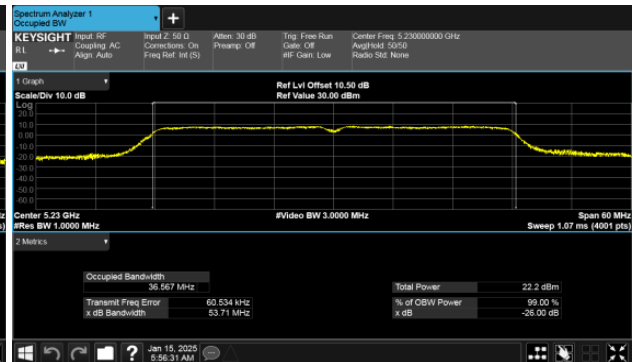


99% Bandwidth

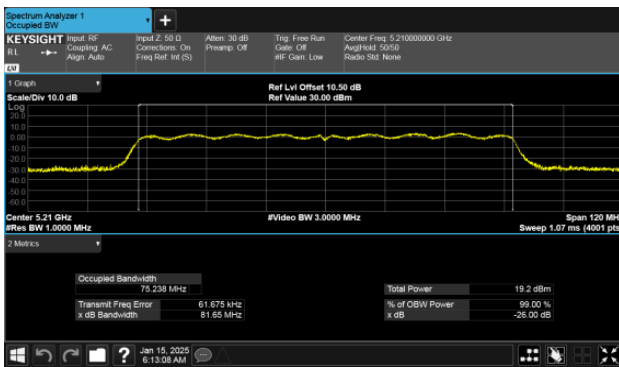
Modulation Type: 802.11ac VHT40 CH38



Modulation Type: 802.11ac VHT40 CH46



Modulation Type: 802.11ac VHT80 CH42





99% Bandwidth
Modulation Type: 802.11a CH52



Modulation Type: 802.11a CH60



Modulation Type: 802.11a CH64





99% Bandwidth

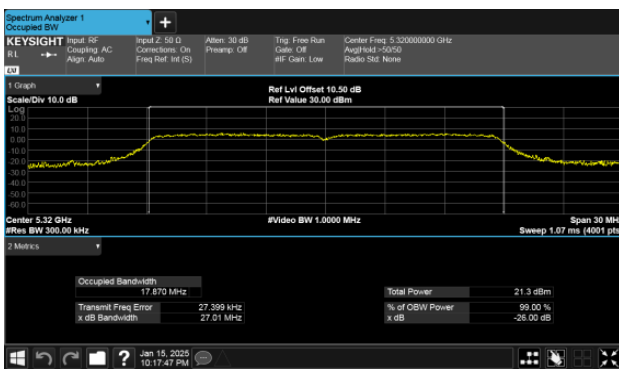
Modulation Type: 802.11ac VHT20 CH52



Modulation Type: 802.11ac VHT20 CH60



Modulation Type: 802.11ac VHT20 CH64



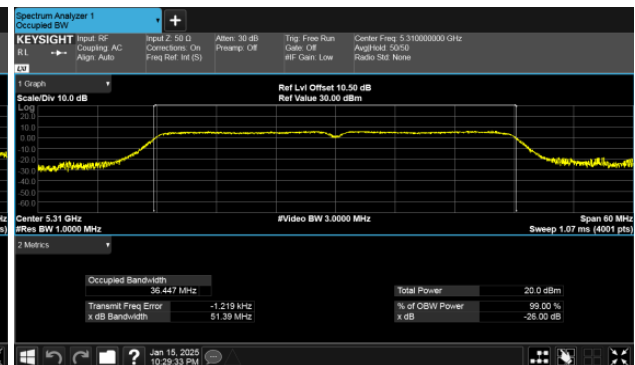


99% Bandwidth

Modulation Type: 802.11ac VHT40 CH54



Modulation Type: 802.11ac VHT40 CH62



Modulation Type: 802.11ac VHT80 CH58

