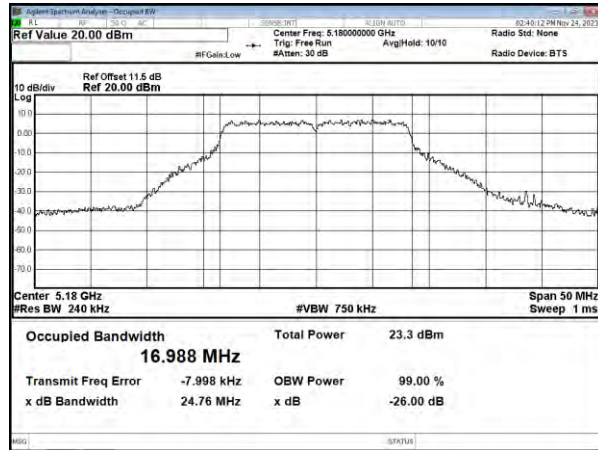


**SISO (ANT A)**

26dB Bandwidth & 99% Occupied Bandwidth, UNII-1

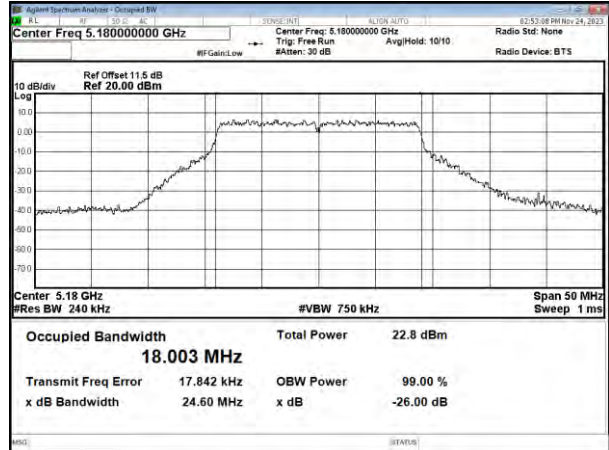
Modulation Standard: 802.11a

CH36

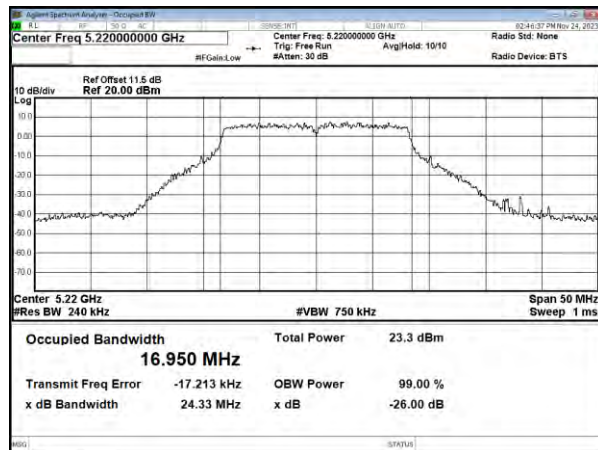


Modulation Standard: 802.11ac VHT20

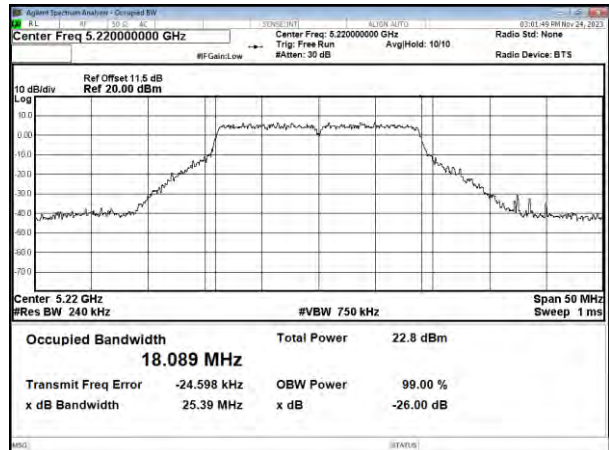
CH36



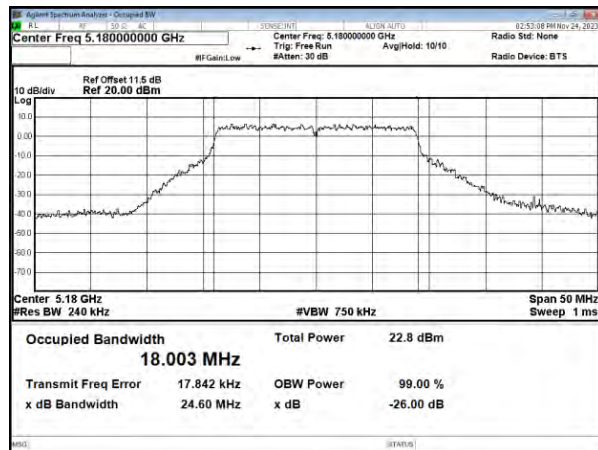
CH44



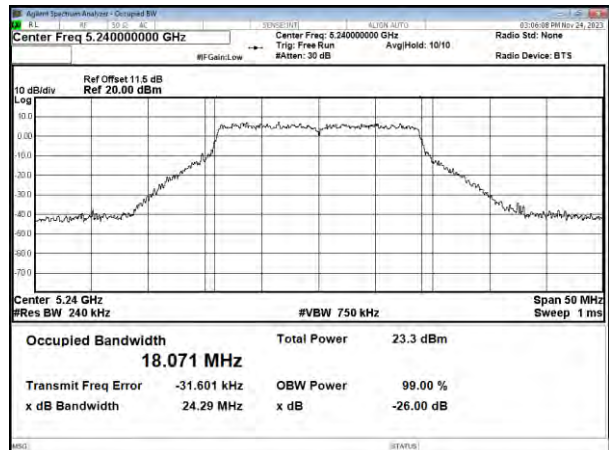
CH44



CH48



CH48

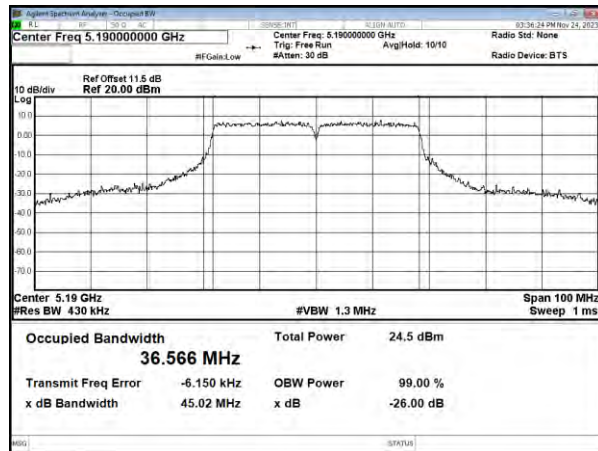




26dB Bandwidth & 99% Occupied Bandwidth, UNII-1

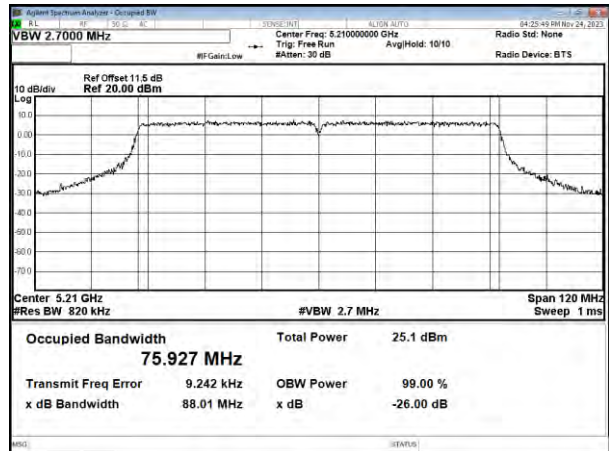
Modulation Standard: 802.11ac VHT40

CH38

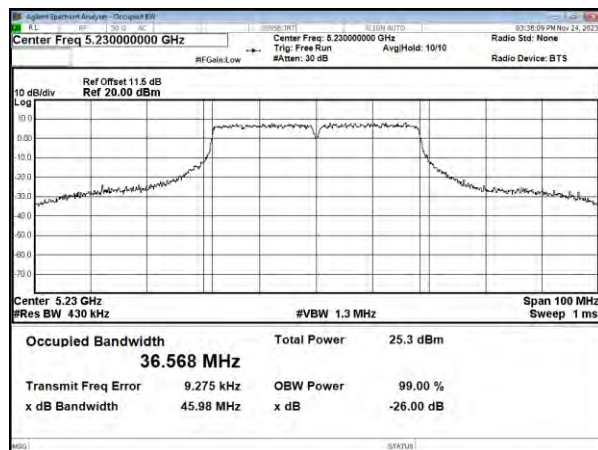


Modulation Standard: 802.11ac VHT80

CH42

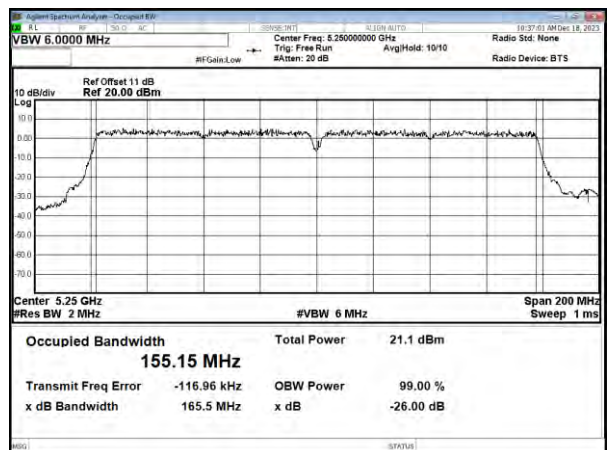


CH46



Modulation Standard: 802.11ac VHT160

CH50

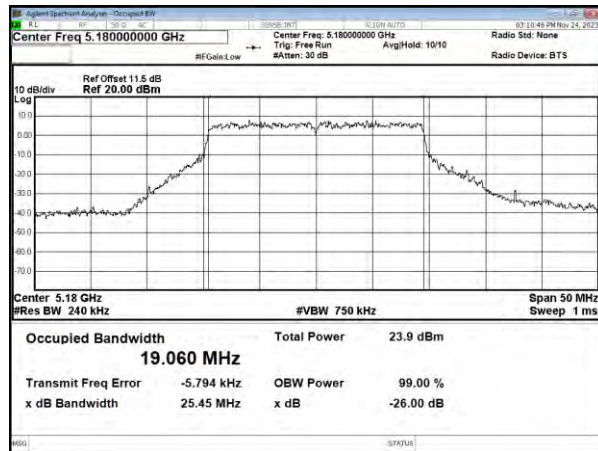




26dB Bandwidth & 99% Occupied Bandwidth, UNII-1

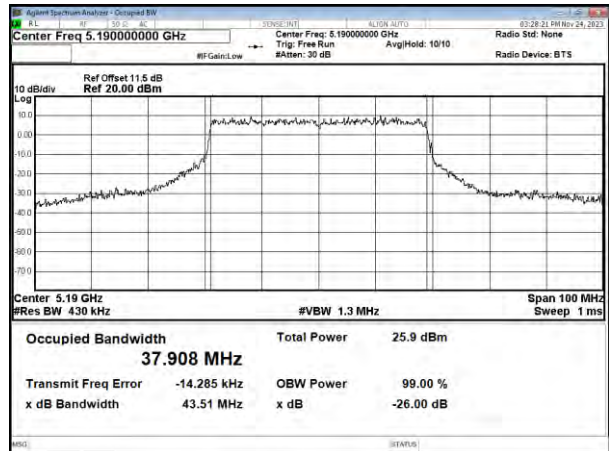
Modulation Standard: 802.11 ax HE20

CH36

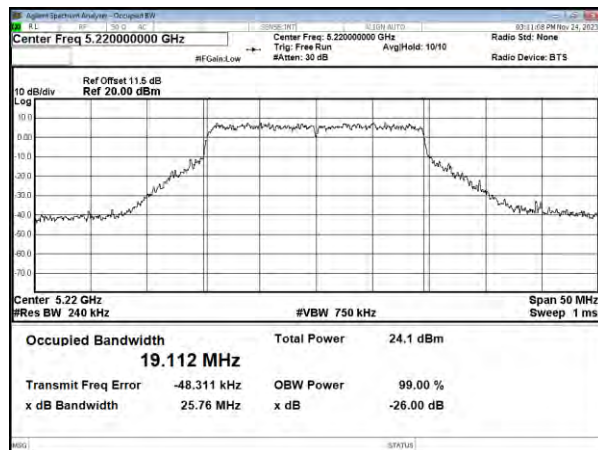


Modulation Standard: 802.11 ax HE40

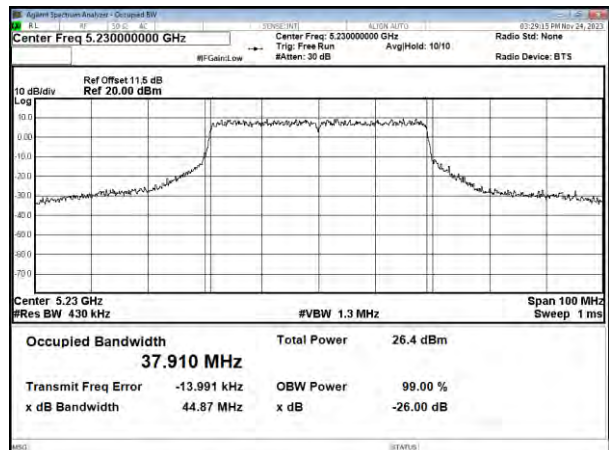
CH38



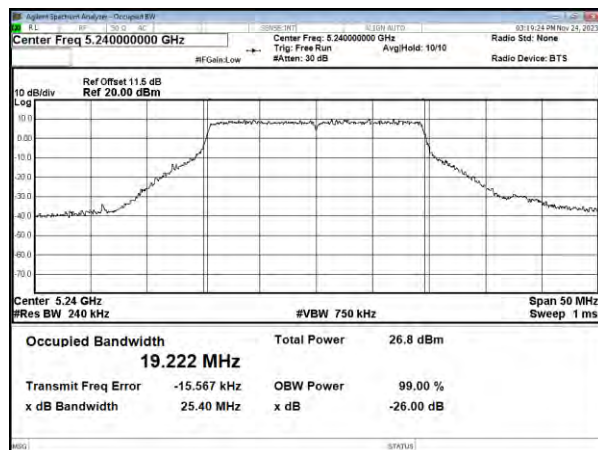
CH44



CH46

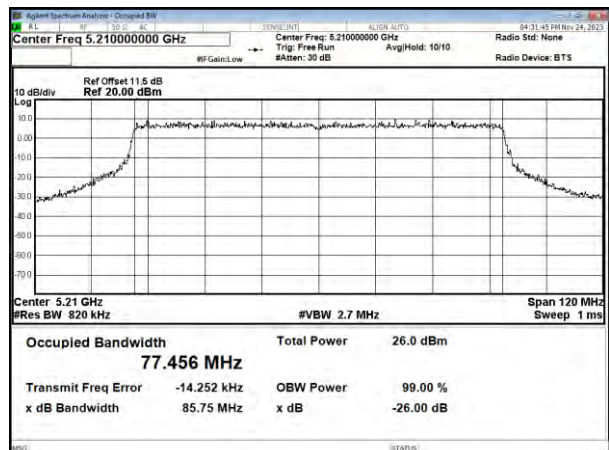


CH48



Modulation Standard: 802.11 ax HE80

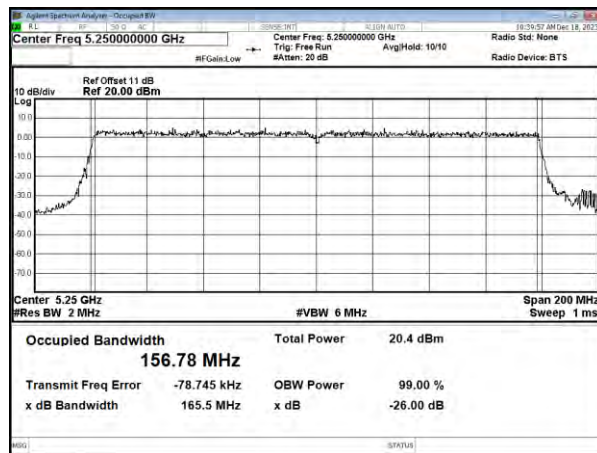
CH42





Modulation Standard: 802.11 ax HE160

CH50

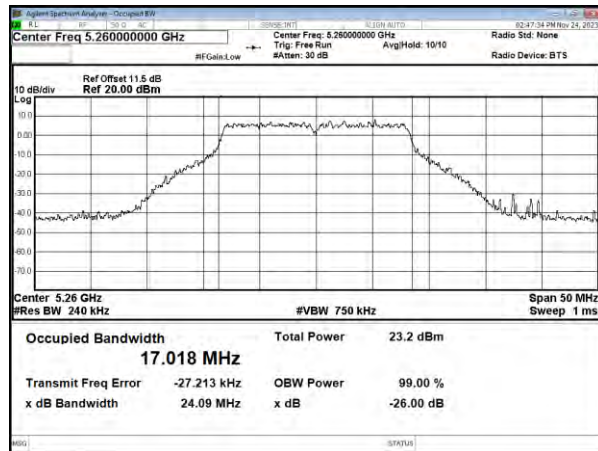




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2A

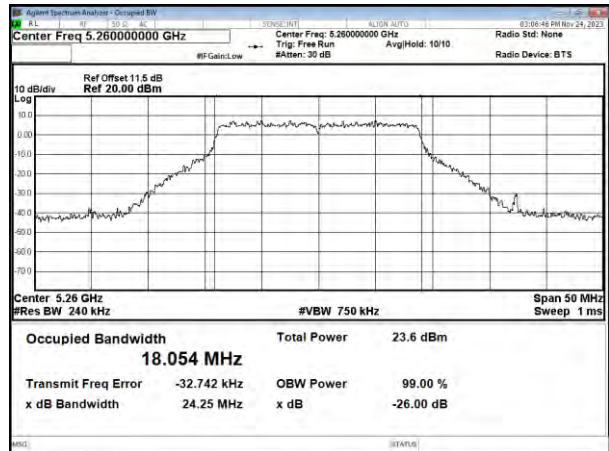
Modulation Standard: 802.11a

CH52

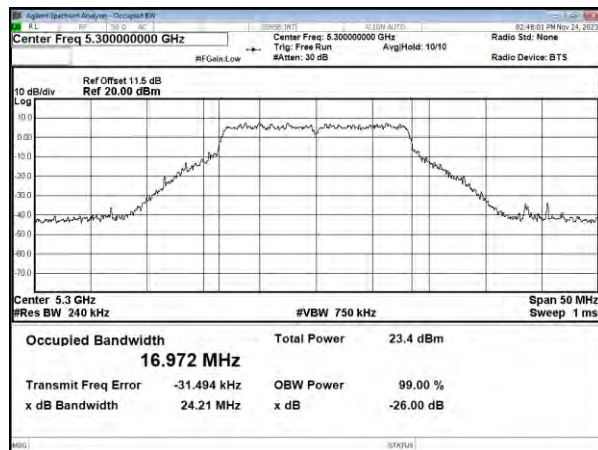


Modulation Standard: 802.11ac VHT20

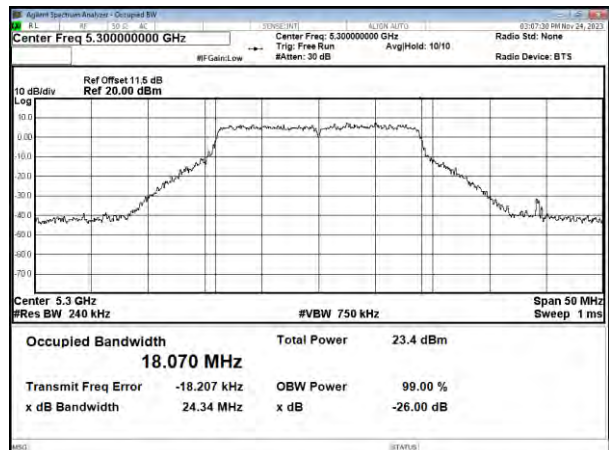
CH52



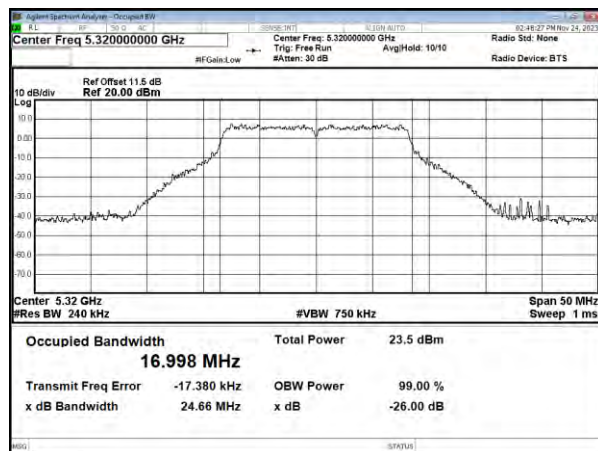
CH60



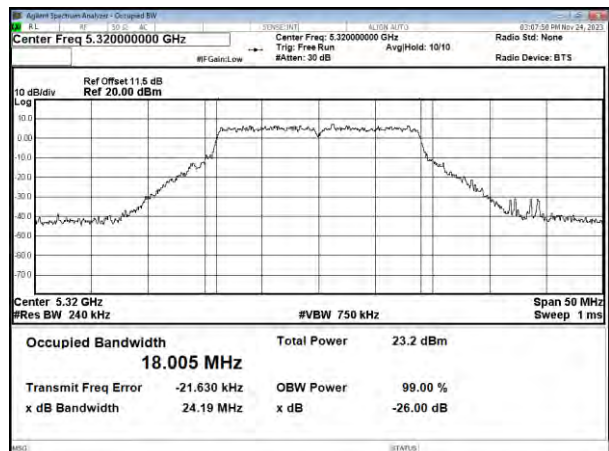
CH60



CH64



CH64

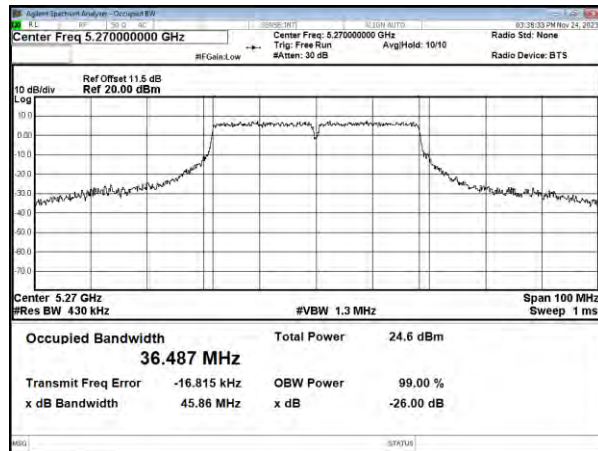




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2A

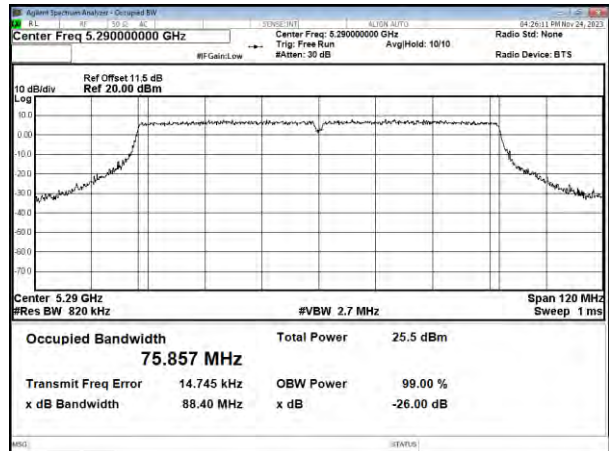
Modulation Standard: 802.11ac VHT40

CH54

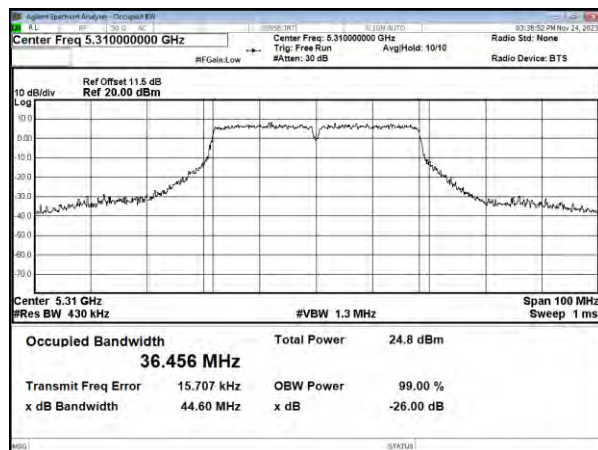


Modulation Standard: 802.11ac VHT80

CH58



CH62

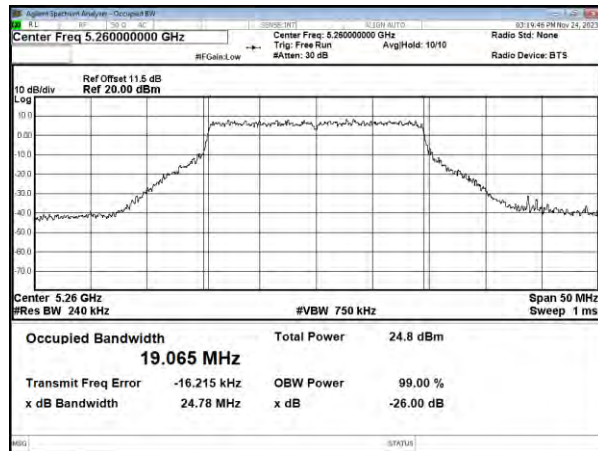




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2A

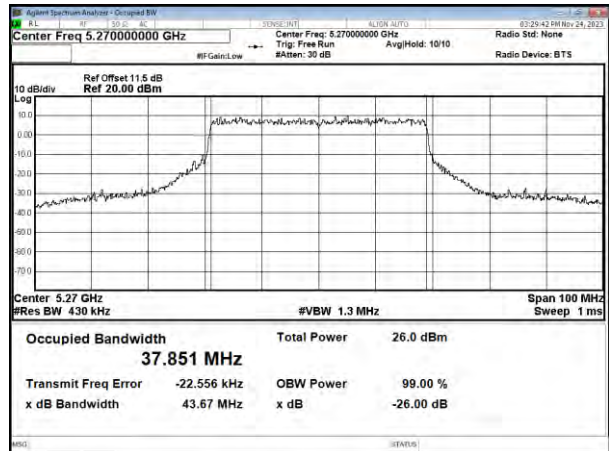
Modulation Standard: 802.11 ax HE20

CH52

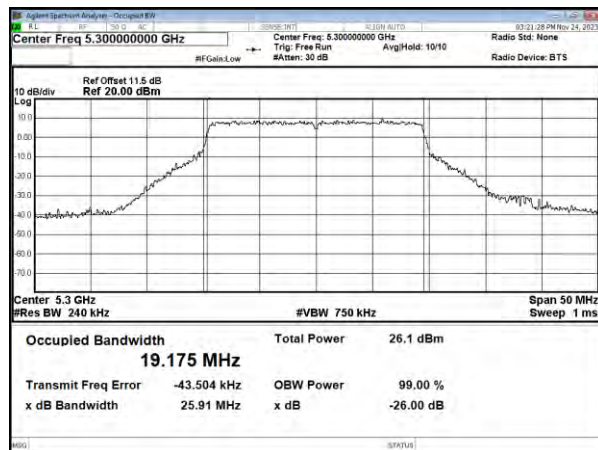


Modulation Standard: 802.11 ax HE40

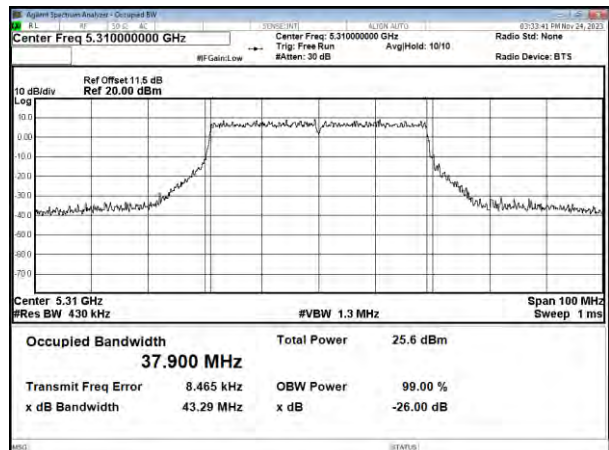
CH54



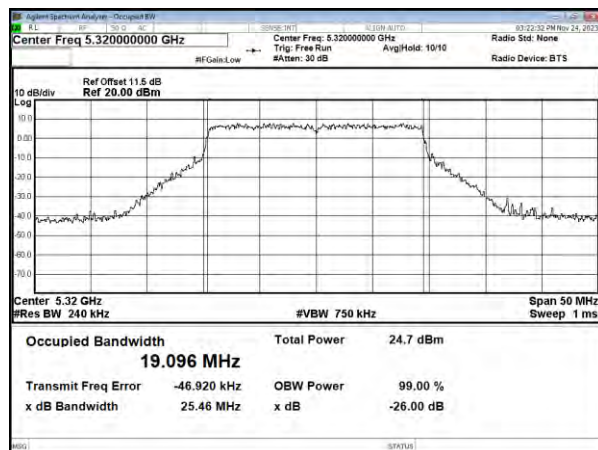
CH60



CH62

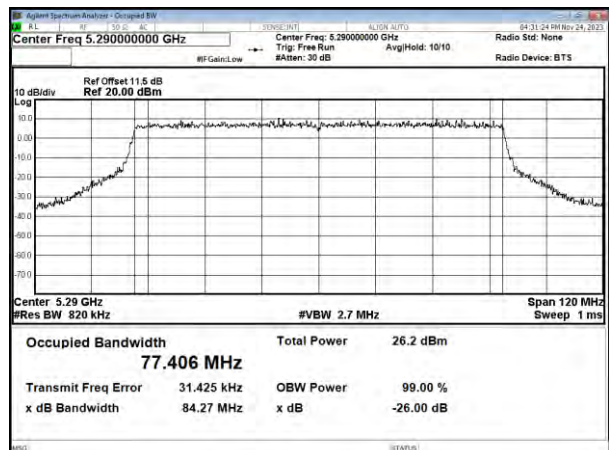


CH64



Modulation Standard: 802.11 ax HE80

CH58

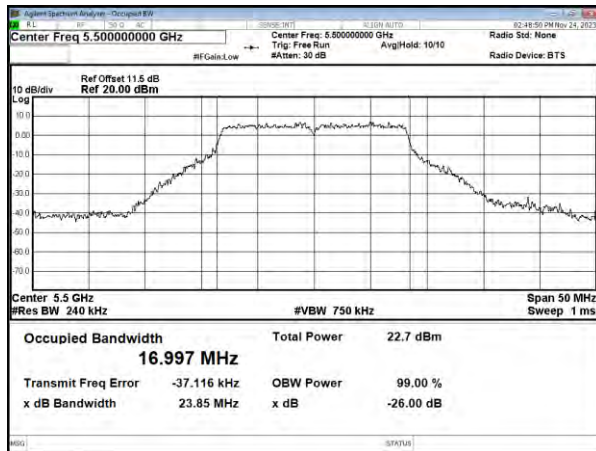




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

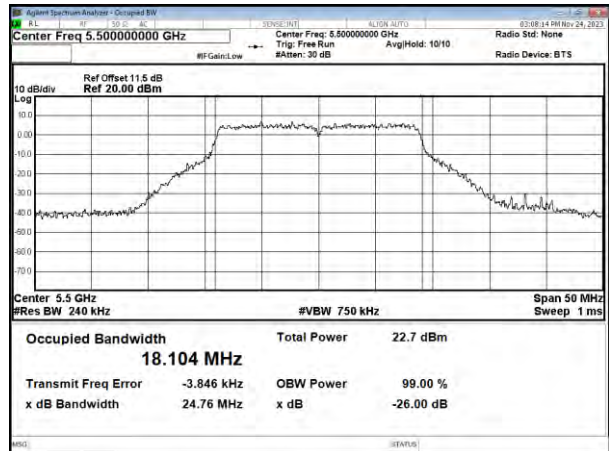
Modulation Standard: 802.11a

CH100

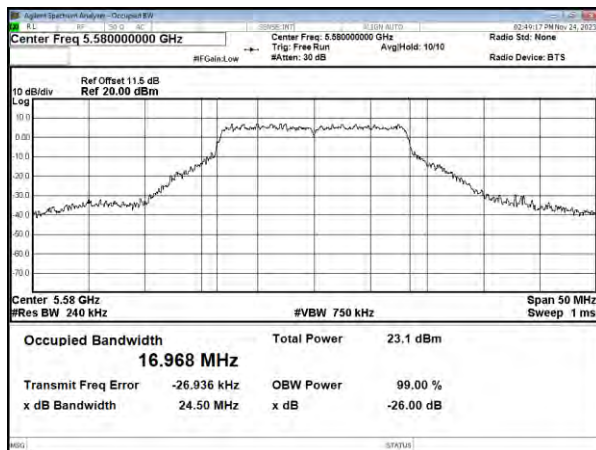


Modulation Standard: 802.11ac VHT20

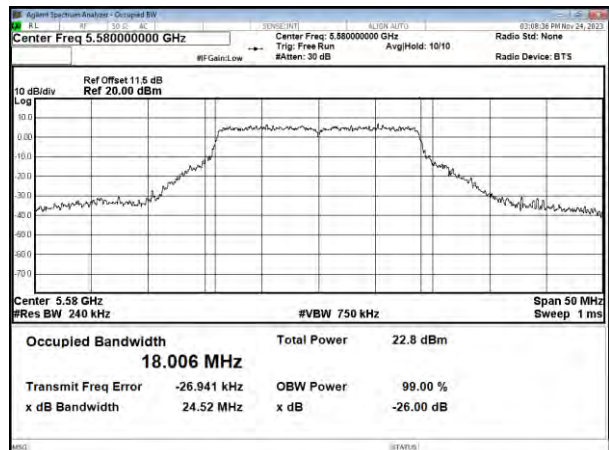
CH100



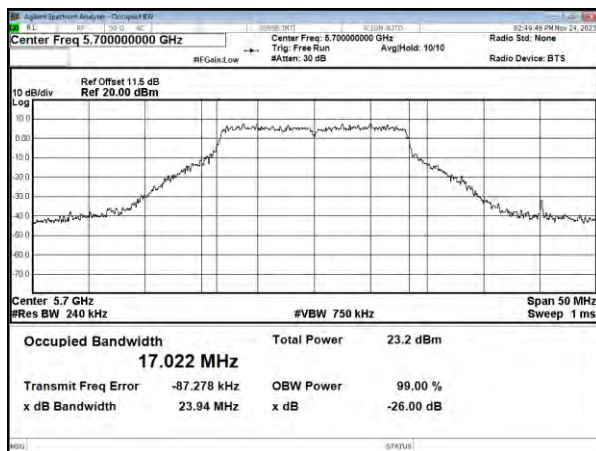
CH116



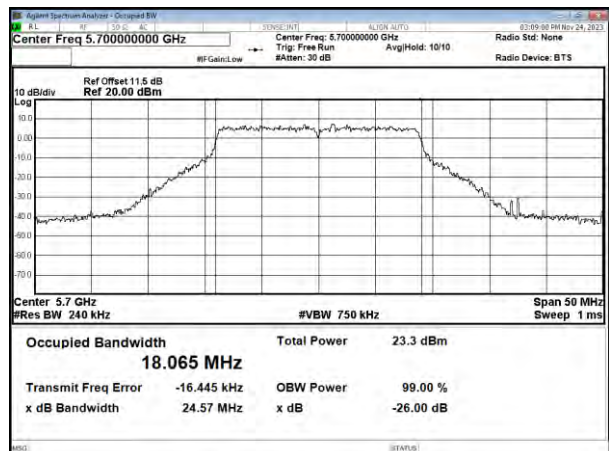
CH116



CH140



CH140

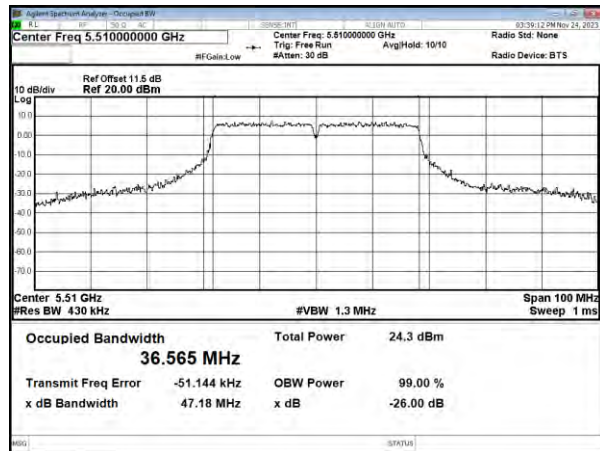




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

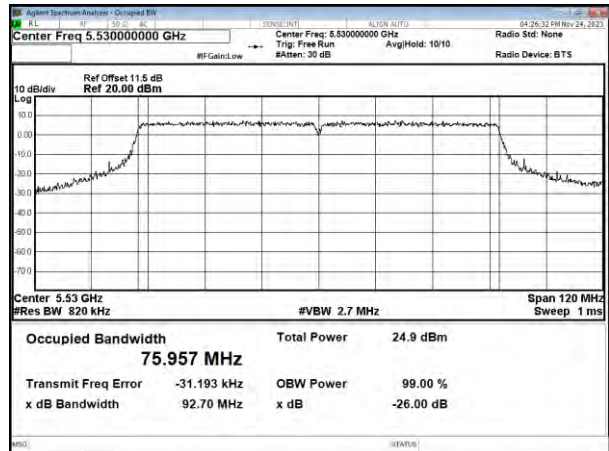
Modulation Standard: 802.11ac VHT40

CH102

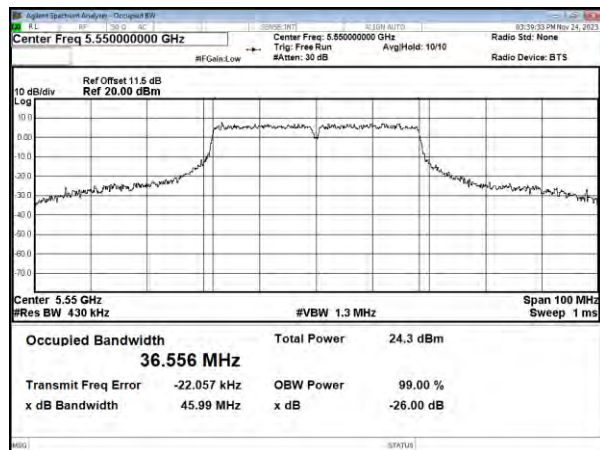


Modulation Standard: 802.11ac VHT80

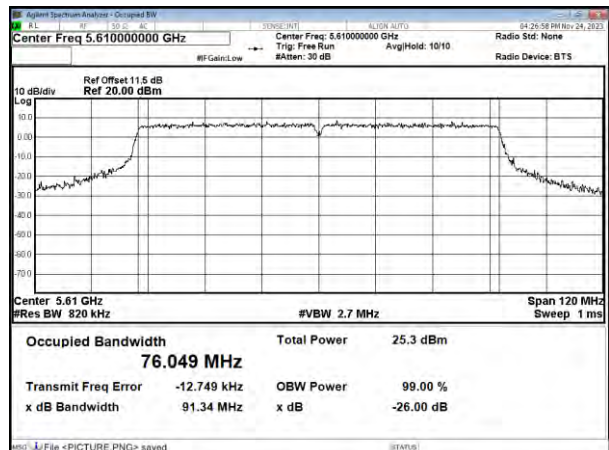
CH106



CH110

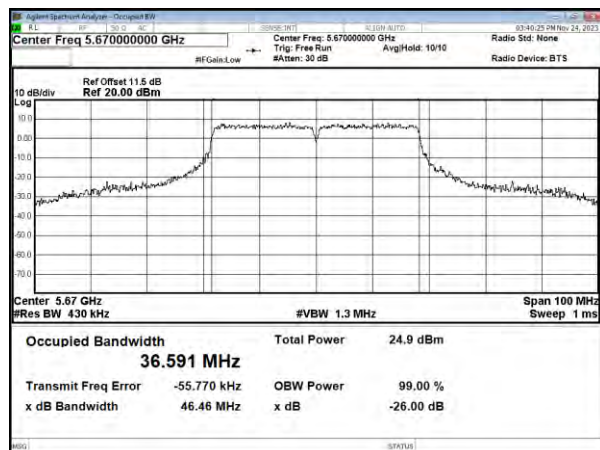


CH122

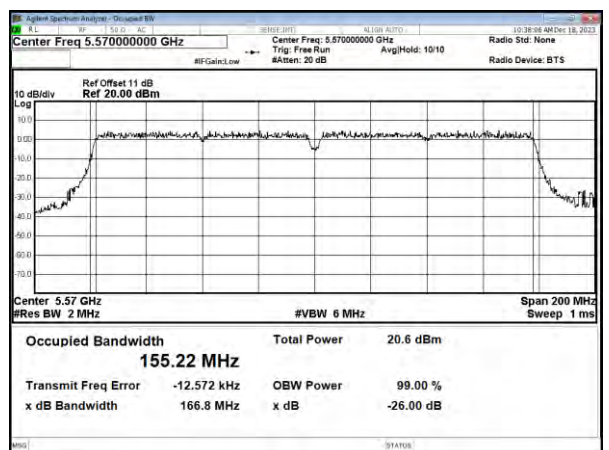


Modulation Standard: 802.11ac VHT160

CH134



CH114

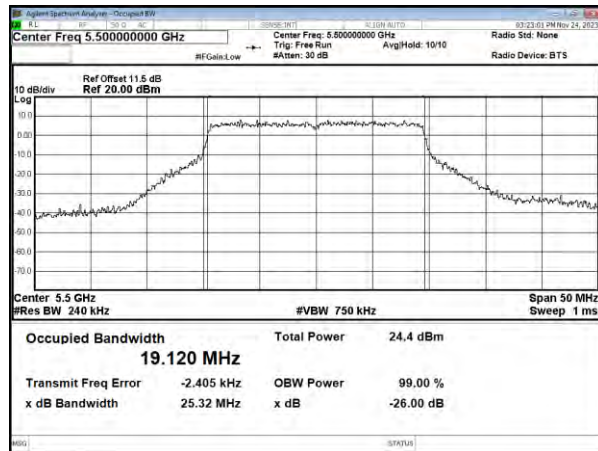




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

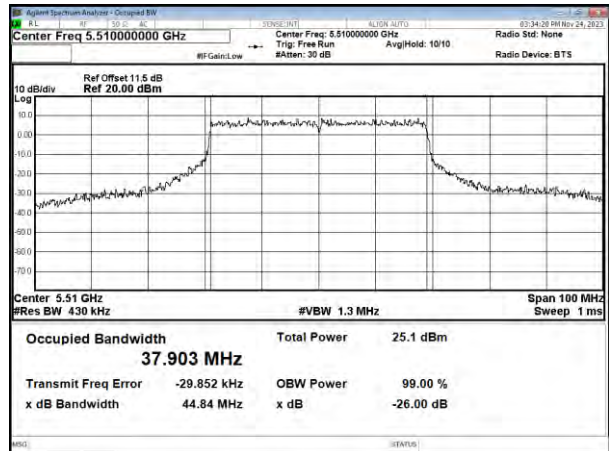
Modulation Standard: 802.11 ax HE20

CH100

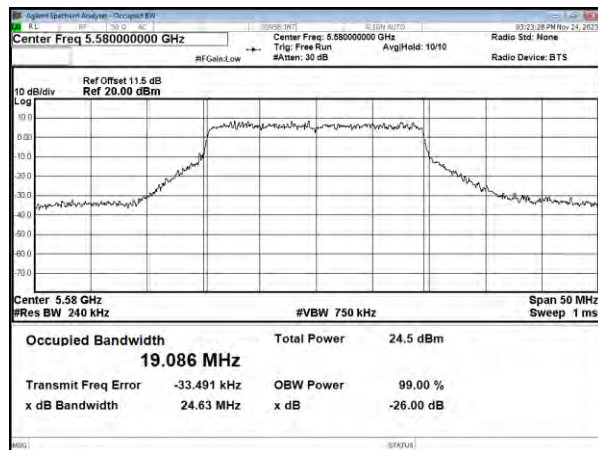


Modulation Standard: 802.11 ax HE40

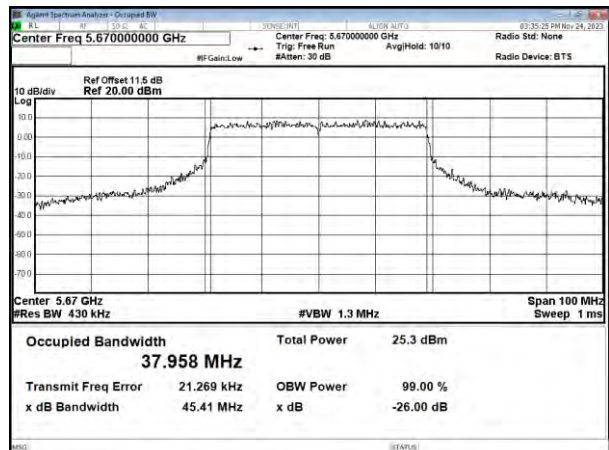
CH102



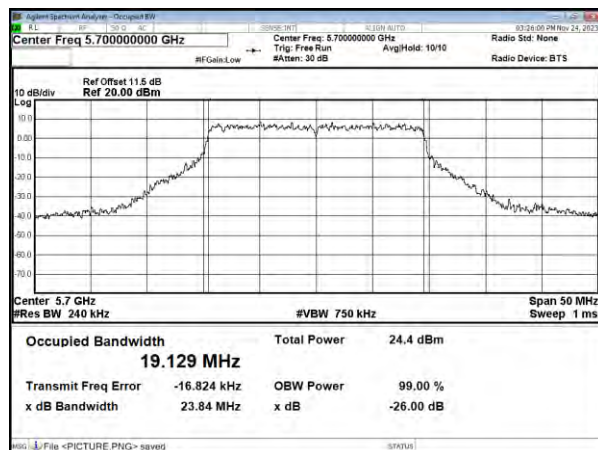
CH116



CH134



CH140

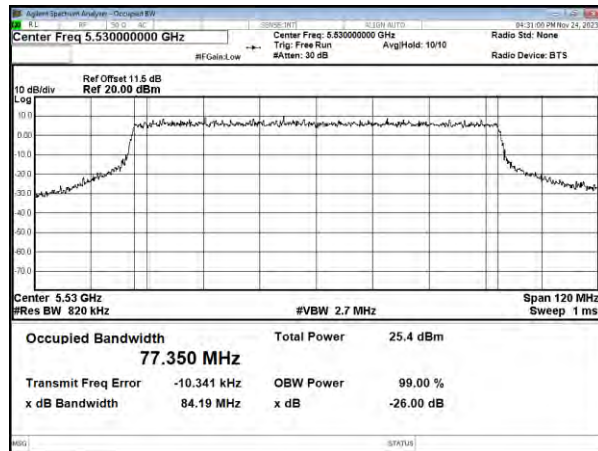




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

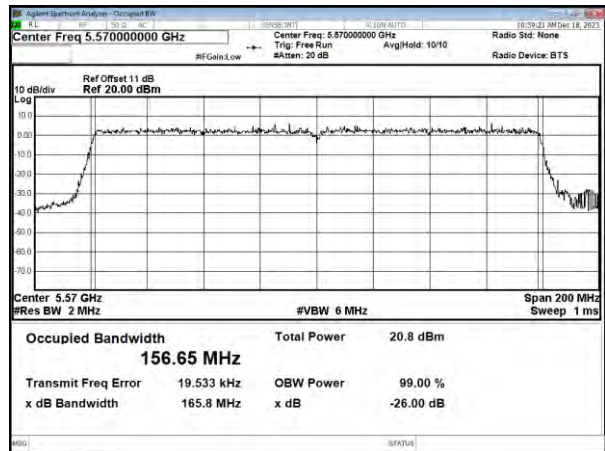
Modulation Standard: 802.11 ax HE80

CH106

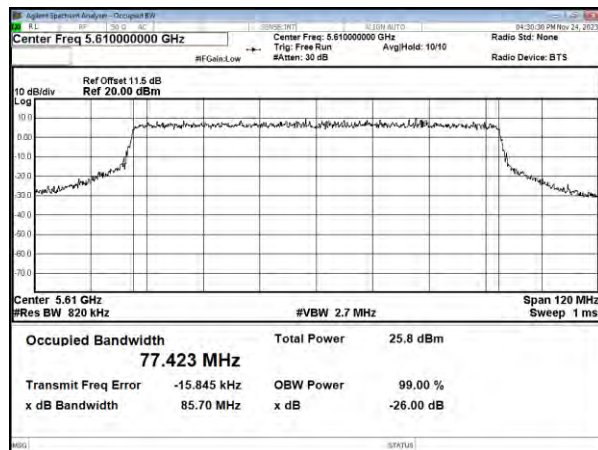


Modulation Standard: 802.11ax HE160

CH114



CH122

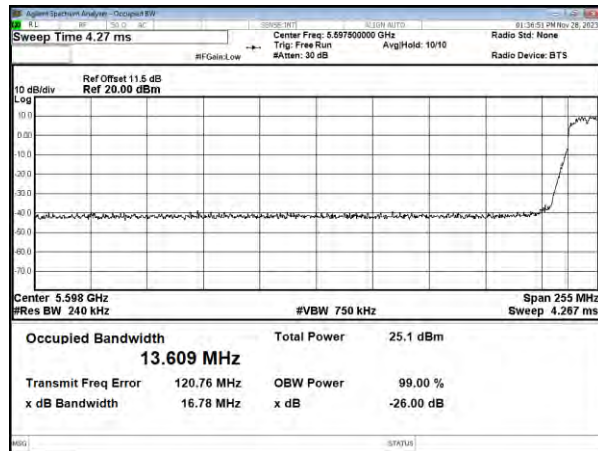




26dB Bandwidth & 99% Occupied Bandwidth, Within 5470-5725MHz band

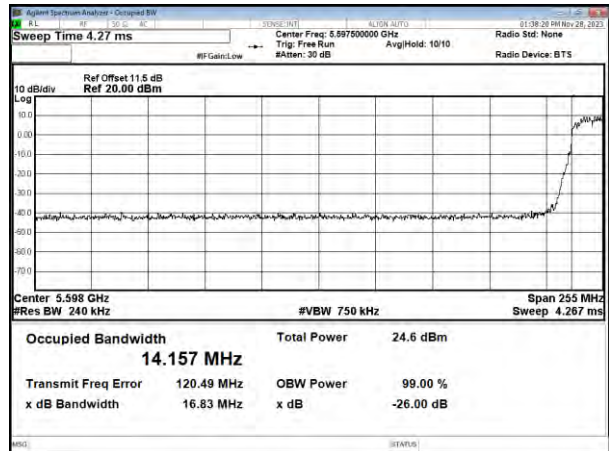
Modulation Standard: 802.11a

CH144



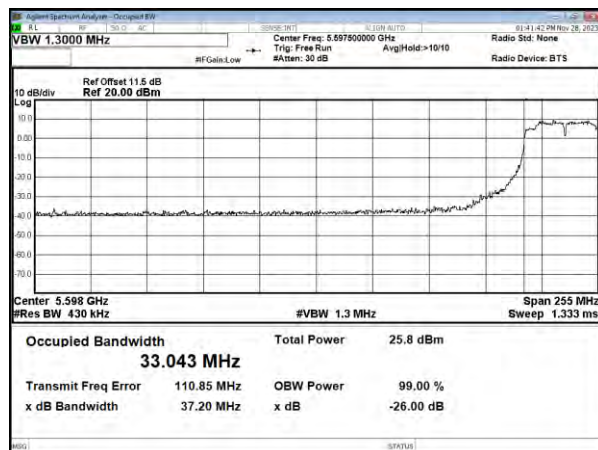
Modulation Standard: 802.11ac VHT20

CH144



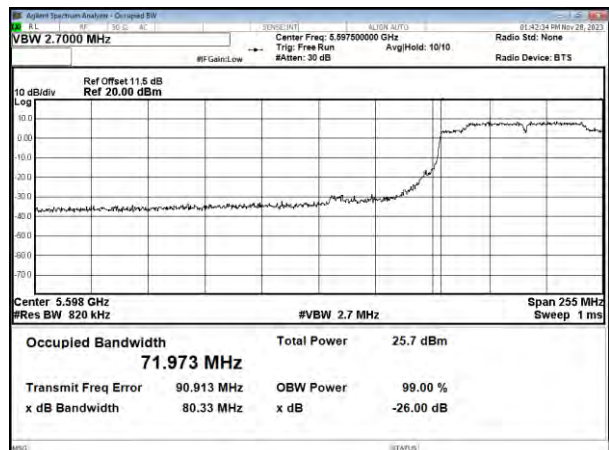
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH142



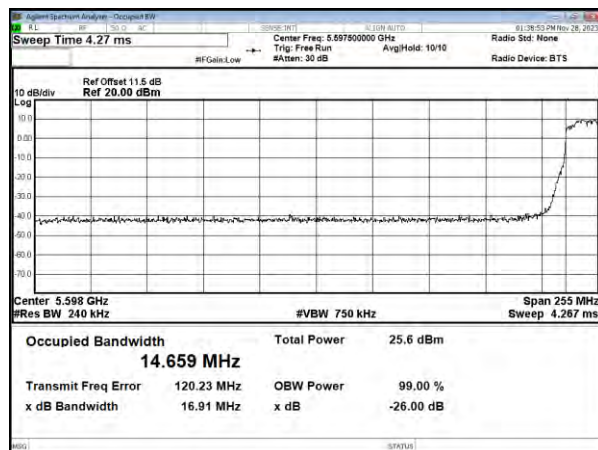
Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH138



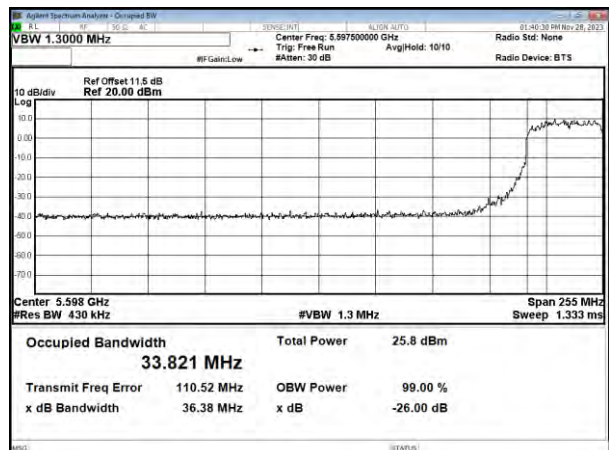
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH144



Modulation Standard: 802.11 ax HE40 (14.6Mbps)

CH142

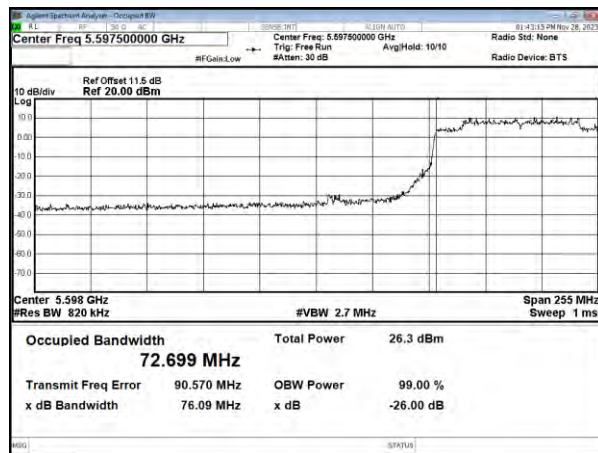




26dB Bandwidth & 99% Occupied Bandwidth, Within 5470-5725MHz band

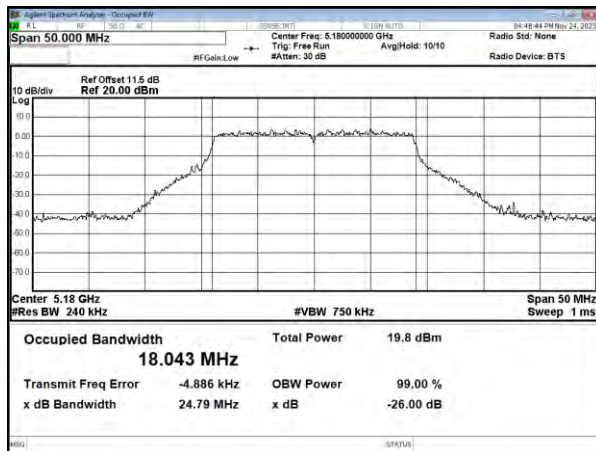
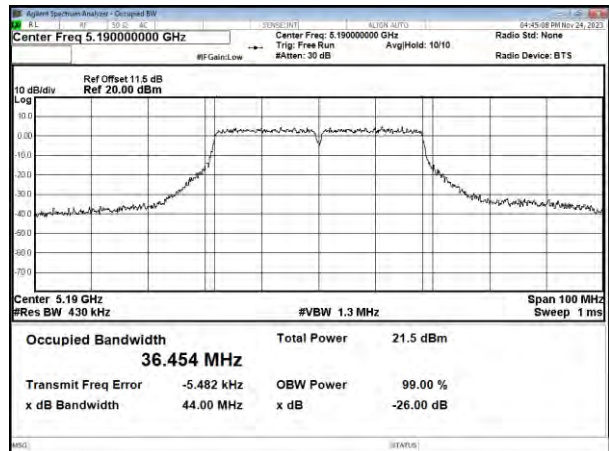
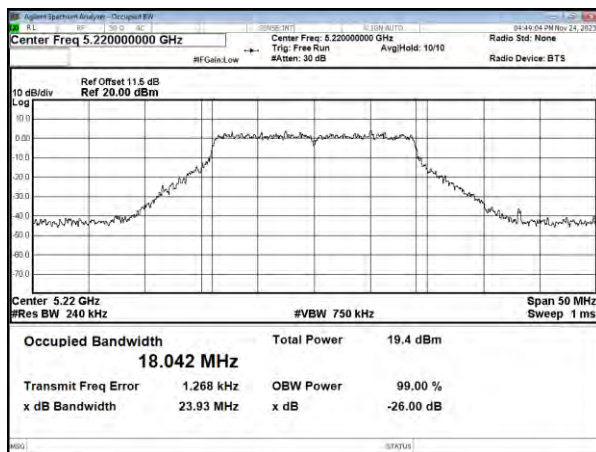
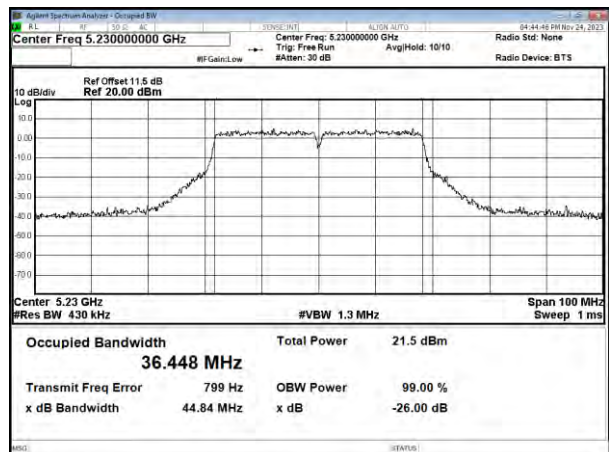
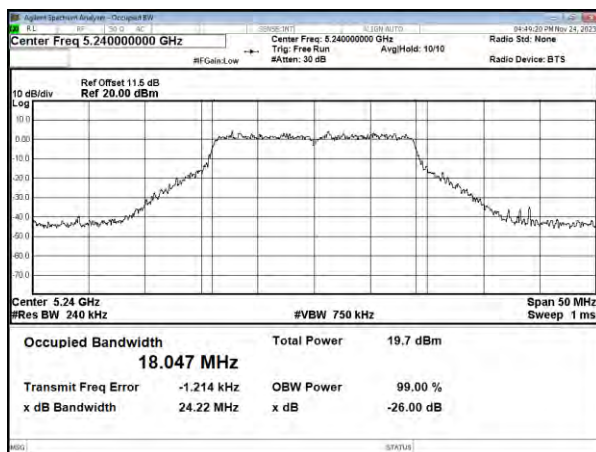
Modulation Standard: 802.11 ax HE80 (30.6Mbps)

CH138

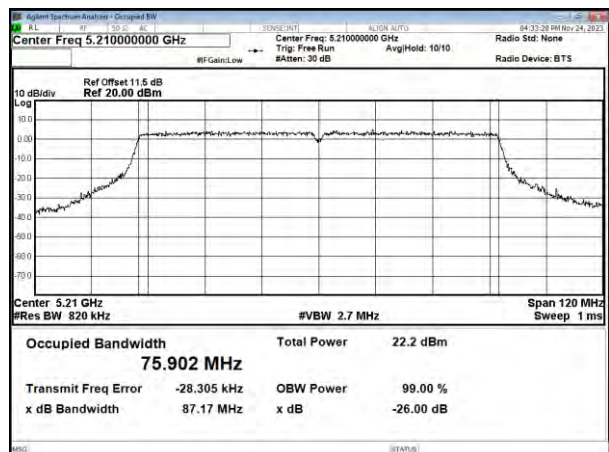


**MIMO (ANT A)**

26dB Bandwidth & 99% Occupied Bandwidth, UNII-1

Modulation Standard: 802.11ac VHT20
CH36Modulation Standard: 802.11ac VHT40
CH38**CH44****CH46****CH48**

Modulation Standard: 802.11ac VHT80

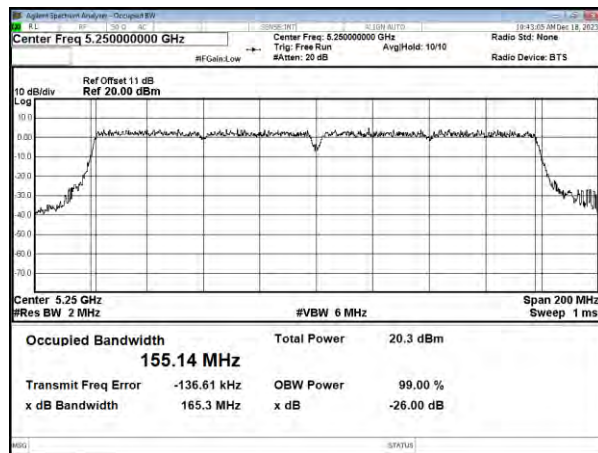
CH42



26dB Bandwidth & 99% Occupied Bandwidth, UNII-1

Modulation Standard: 802.11ac VHT160

CH50

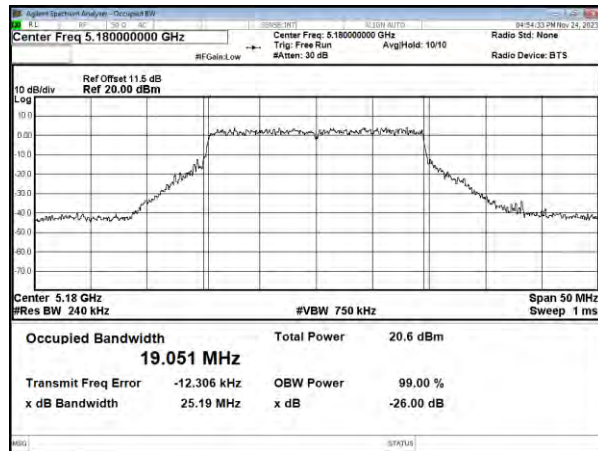




26dB Bandwidth &99% Occupied Bandwidth, UNII-1

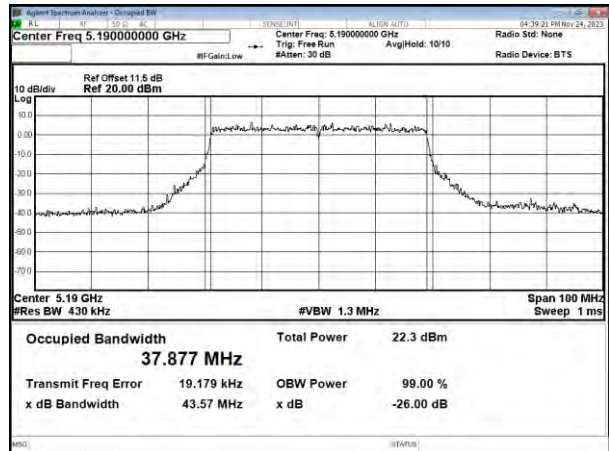
Modulation Standard: 802.11 ax HE20

CH36

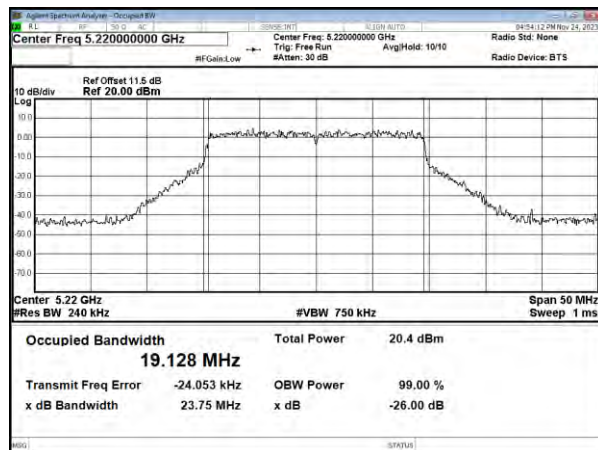


Modulation Standard: 802.11 ax HE40

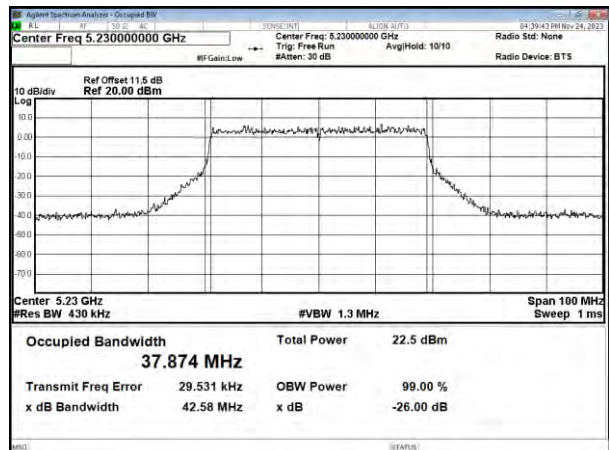
CH38



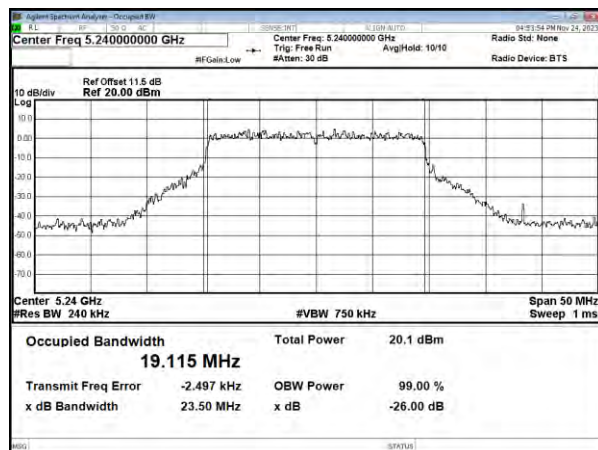
CH44



CH46

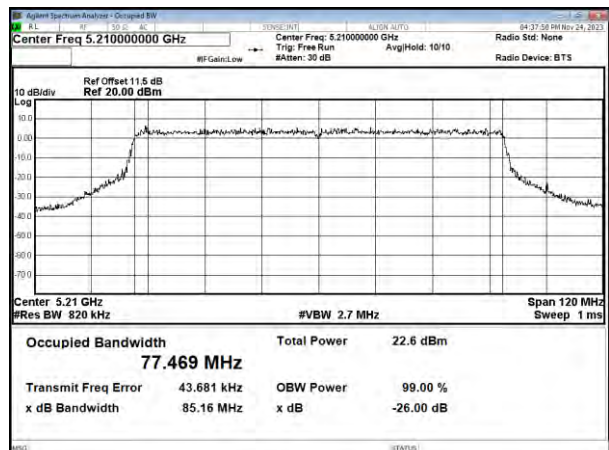


CH48



Modulation Standard: 802.11 ax HE80

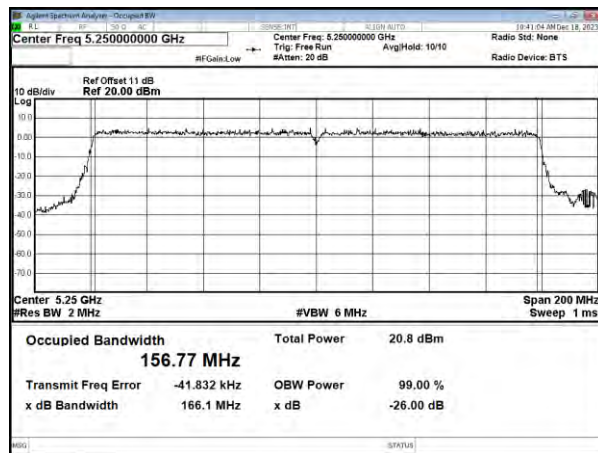
CH42





Modulation Standard: 802.11 ax HE160

CH50

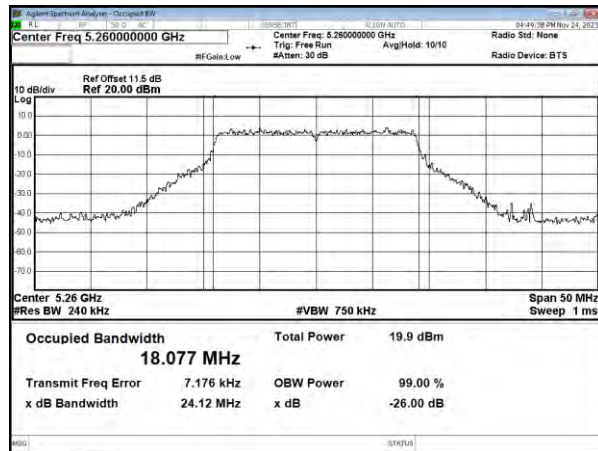




26dB Bandwidth &99% Occupied Bandwidth, UNII-2A

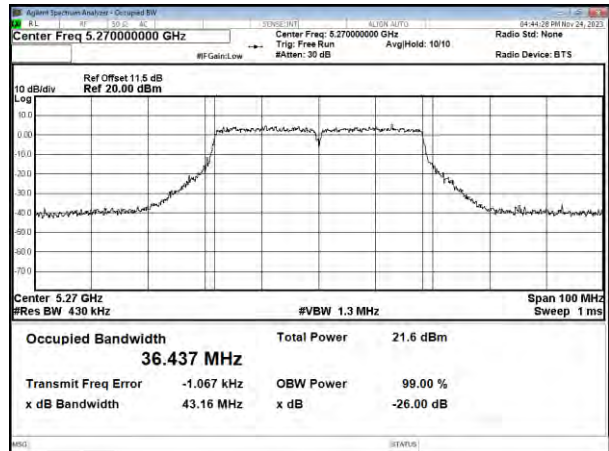
Modulation Standard: 802.11ac VHT20

CH52

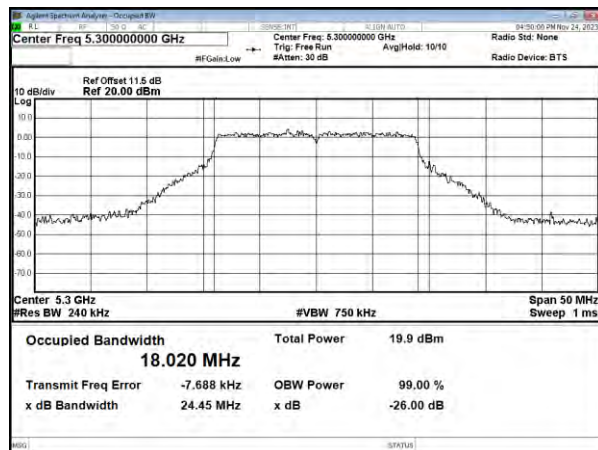


Modulation Standard: 802.11ac VHT40

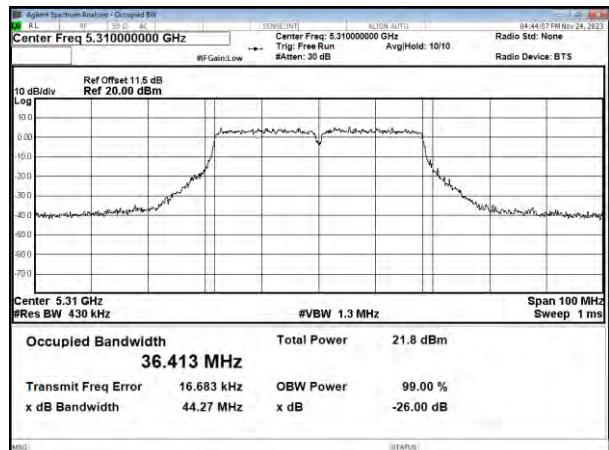
CH54



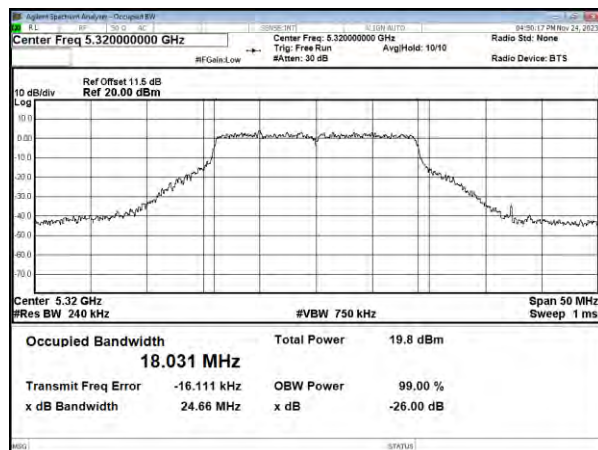
CH60



CH62

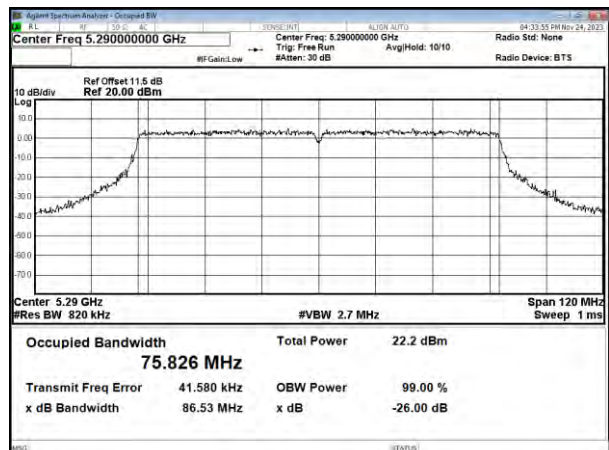


CH64



Modulation Standard: 802.11ac VHT80

CH58

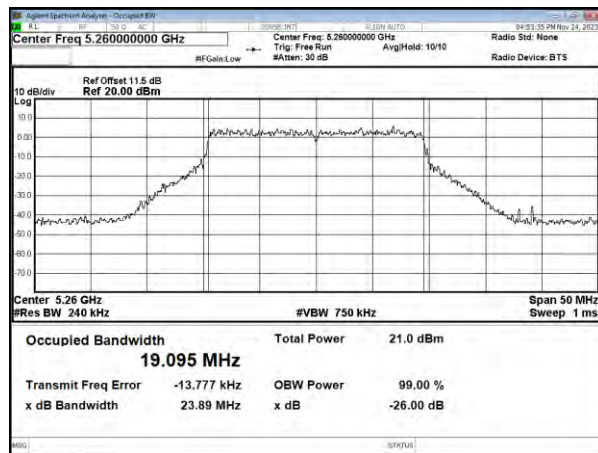




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2A

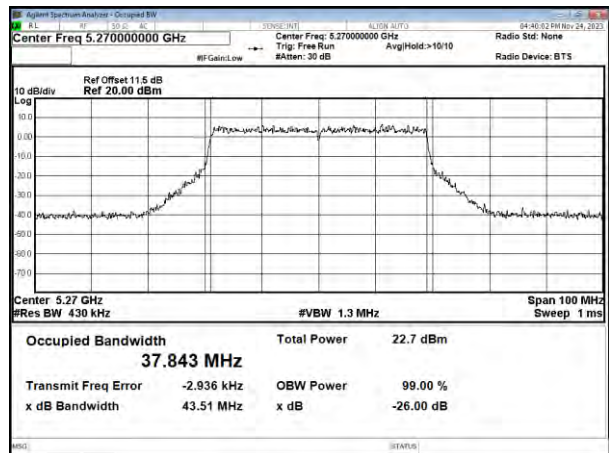
Modulation Standard: 802.11 ax HE20

CH52

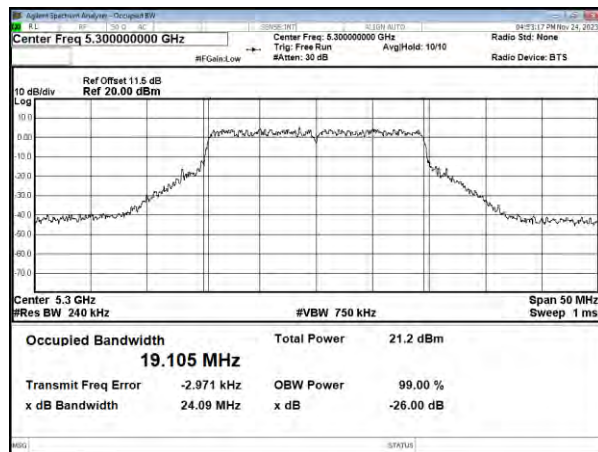


Modulation Standard: 802.11 ax HE40

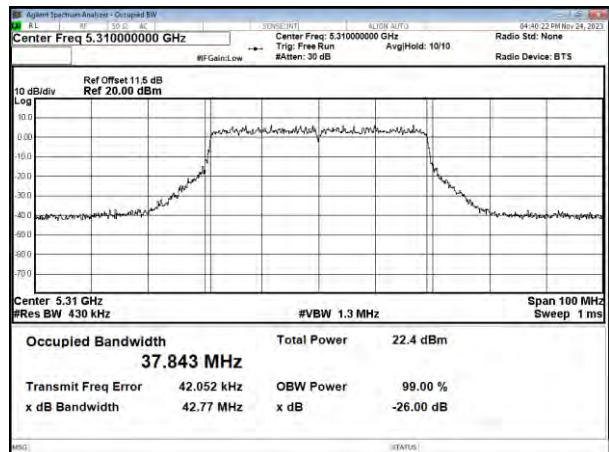
CH54



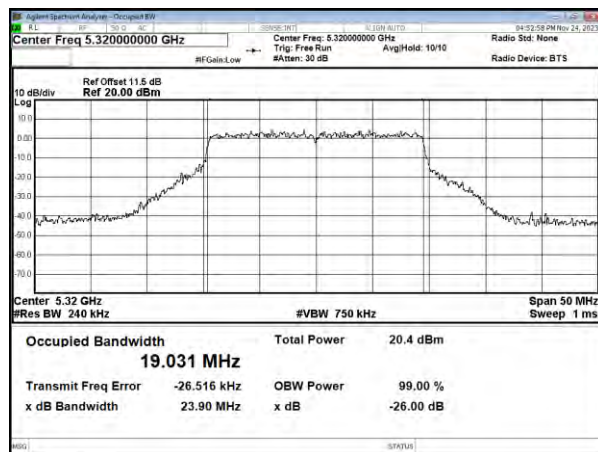
CH60



CH62

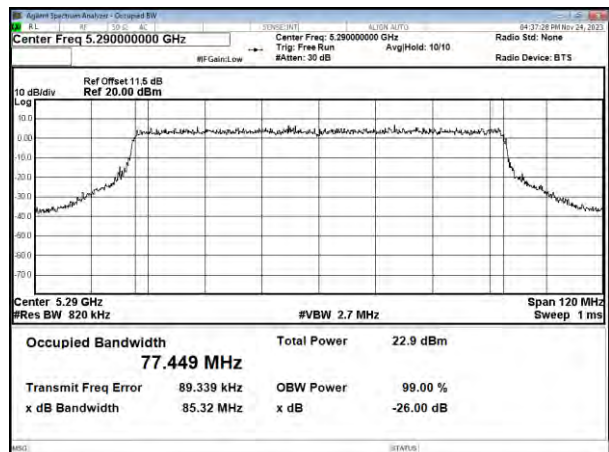


CH64



Modulation Standard: 802.11 ax HE80

CH58

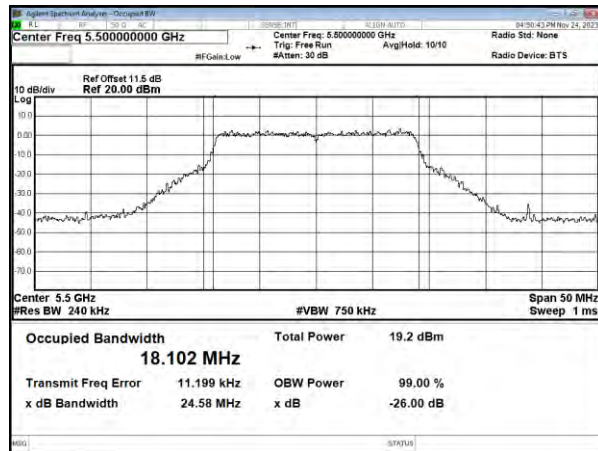




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

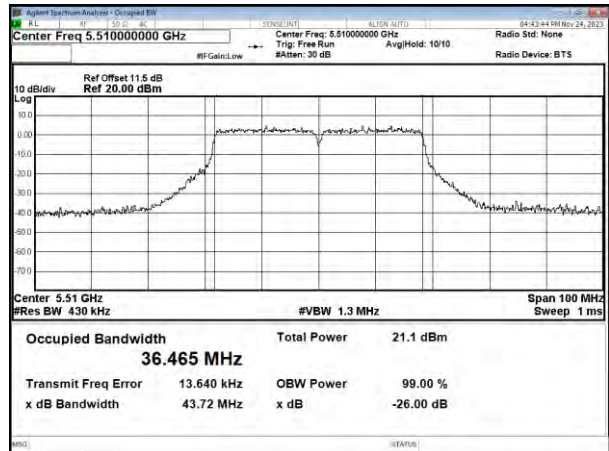
Modulation Standard: 802.11ac VHT20

CH100

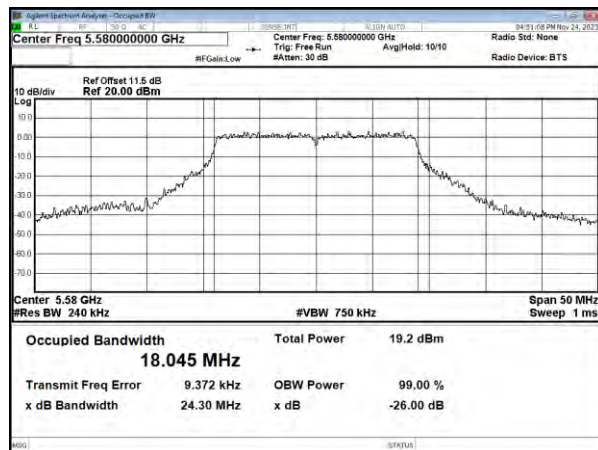


Modulation Standard: 802.11ac VHT40

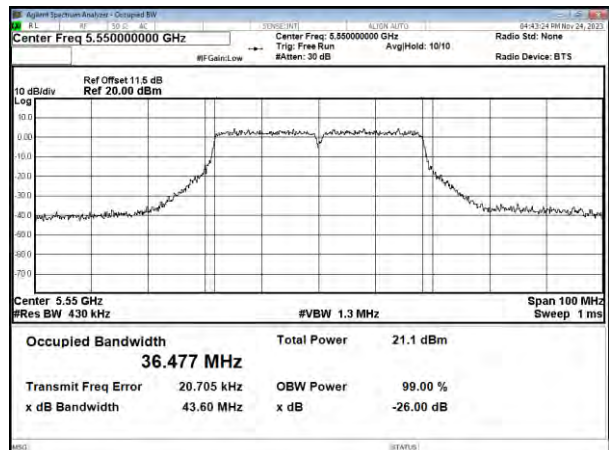
CH102



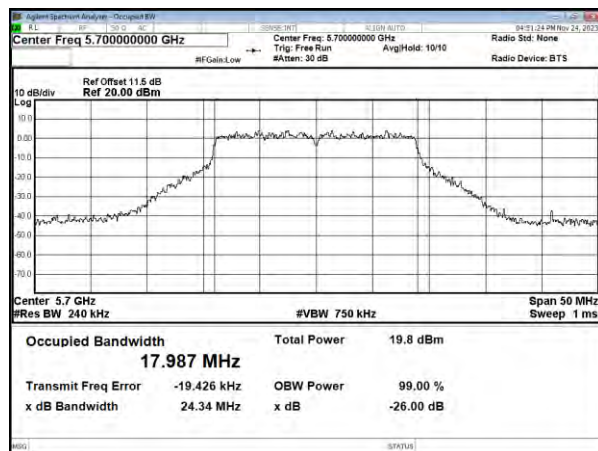
CH116



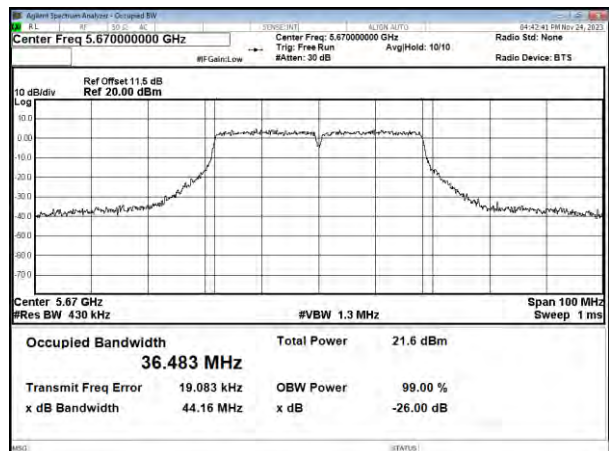
CH110



CH140



CH134

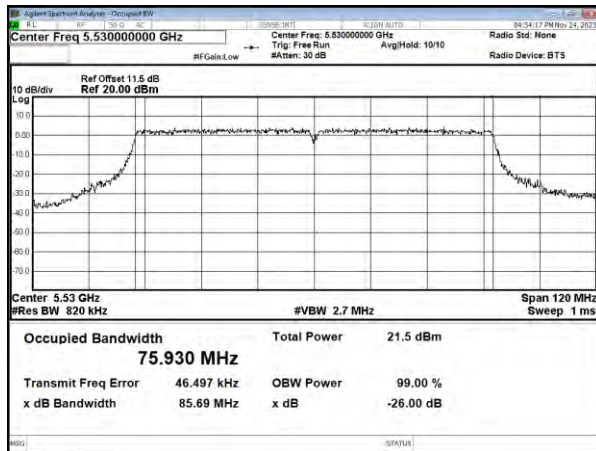




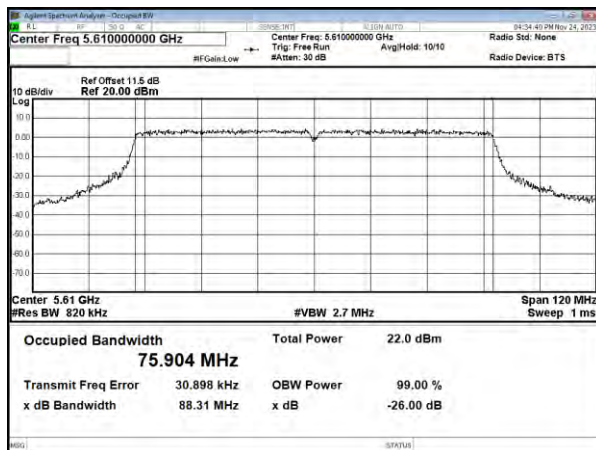
26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

Modulation Standard: 802.11ac VHT80

CH106

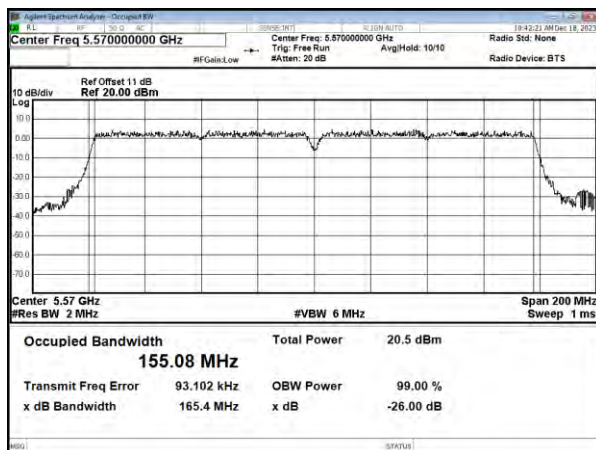


CH122



Modulation Standard: 802.11ac VHT160

CH114

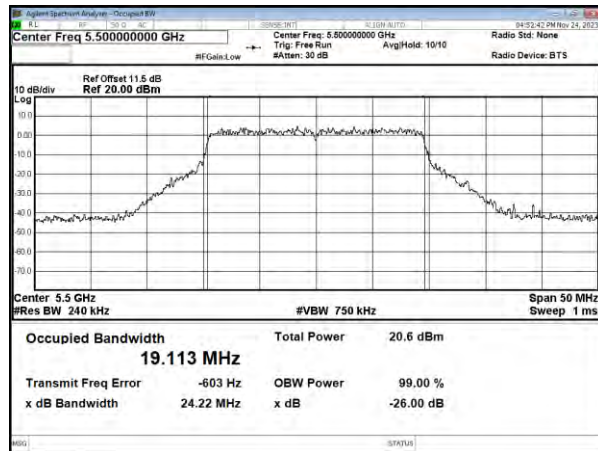




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

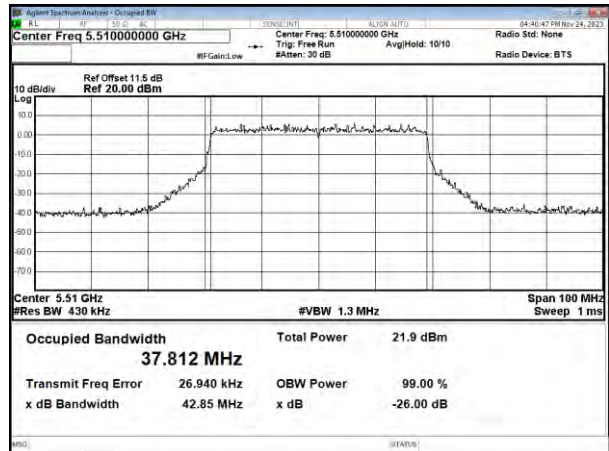
Modulation Standard: 802.11 ax HE20

CH100

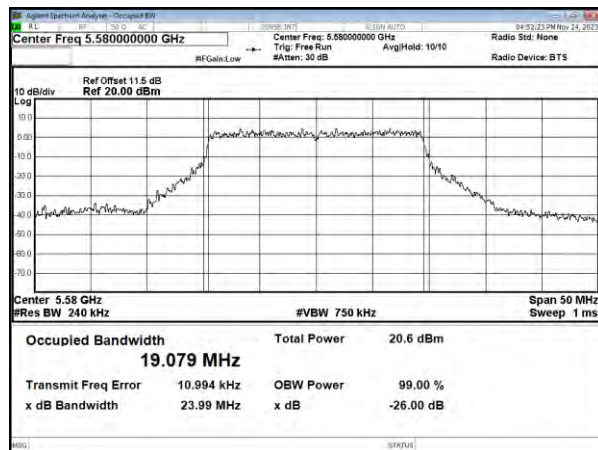


Modulation Standard: 802.11 ax HE40

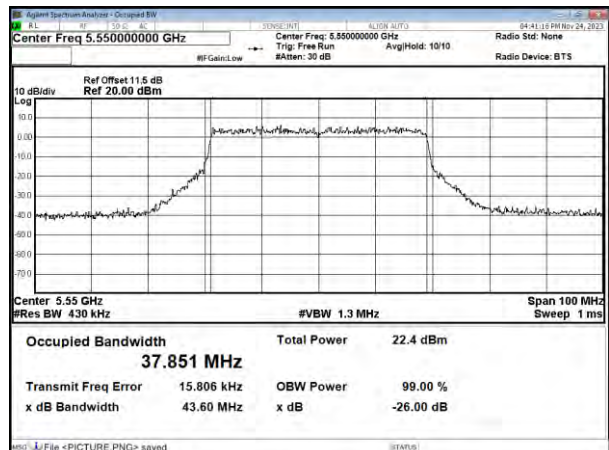
CH102



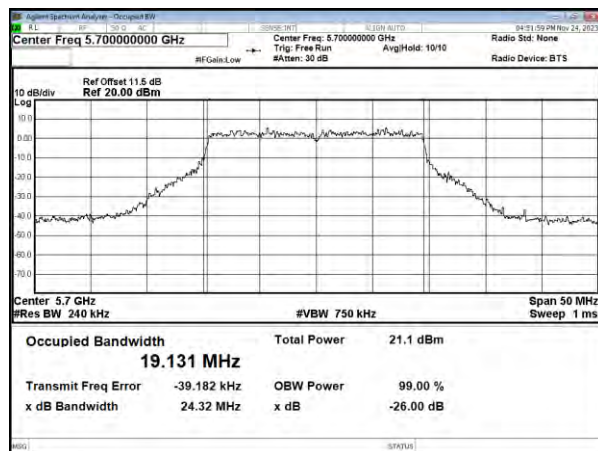
CH116



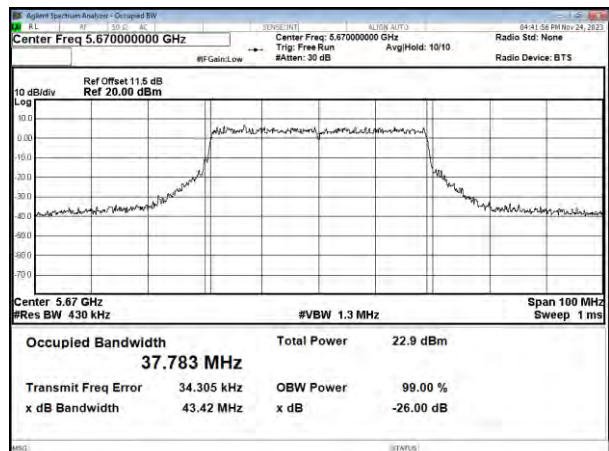
CH110



CH140



CH134



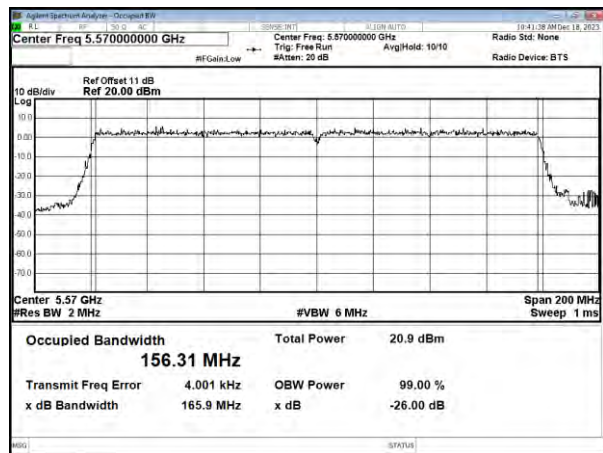
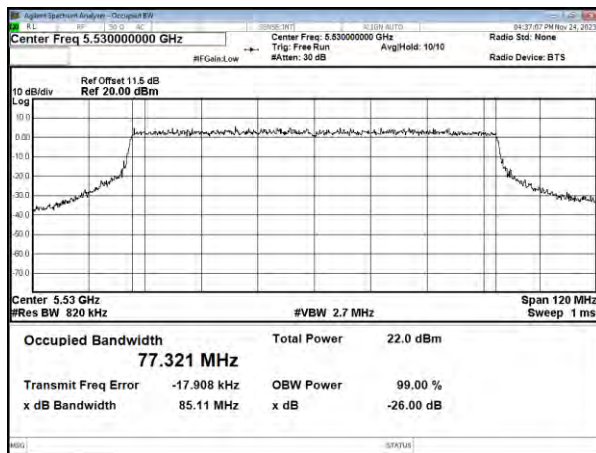


Modulation Standard: 802.11 ax HE80

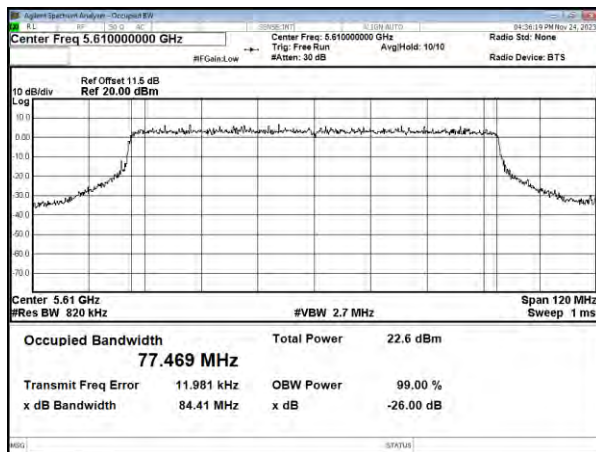
Modulation Standard: 802.11ax HE160

CH106

CH114



CH122

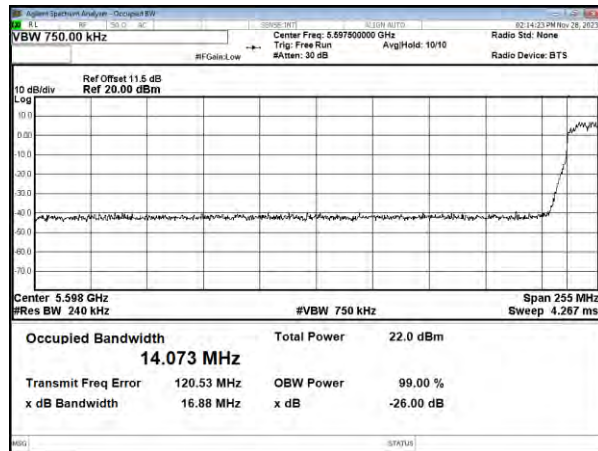




26dB Bandwidth &99% Occupied Bandwidth, Within 5470-5725MHz band

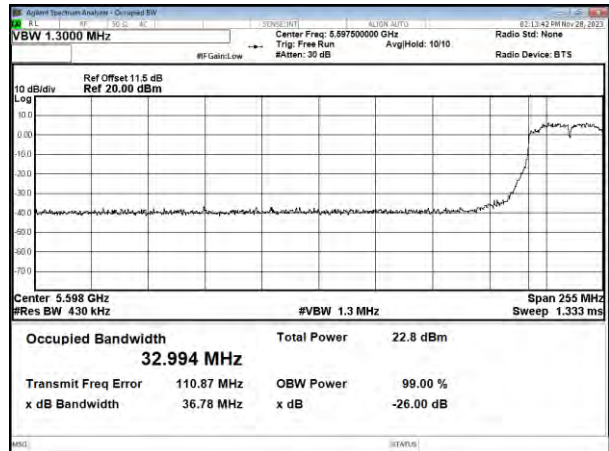
Modulation Standard: 802.11ac VHT20

CH144



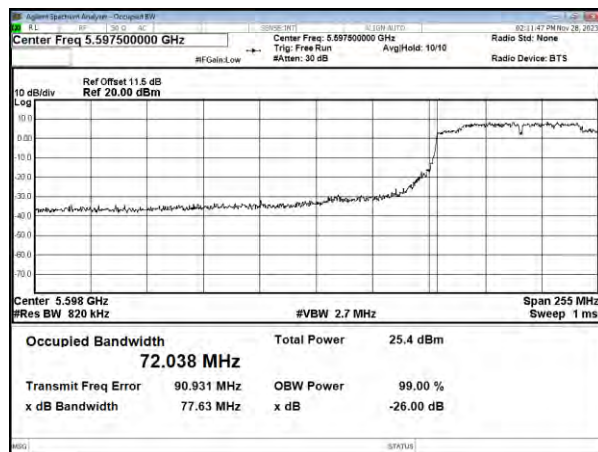
Modulation Standard: 802.11ac VHT40

CH142



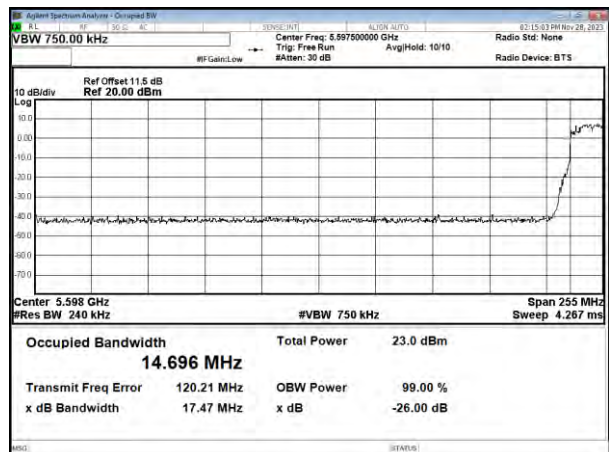
Modulation Standard: 802.11ac VHT80

CH138



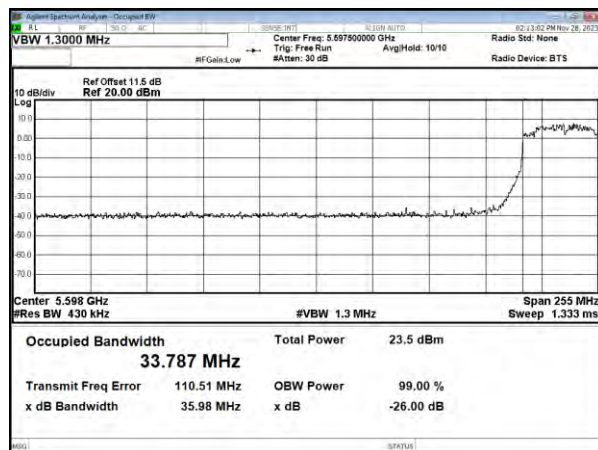
Modulation Standard: 802.11 ax HE20

CH144



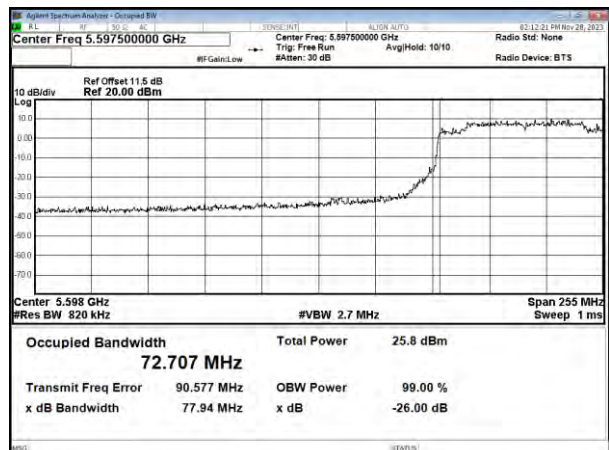
Modulation Standard: 802.11 ax HE40

CH142



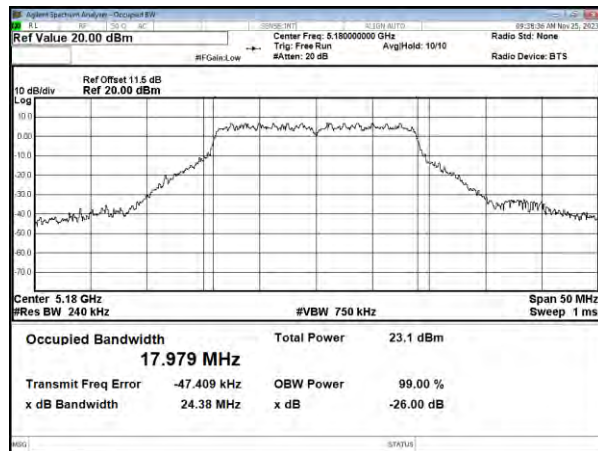
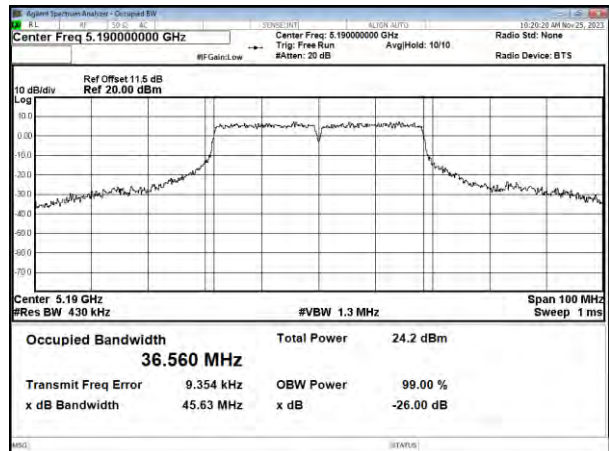
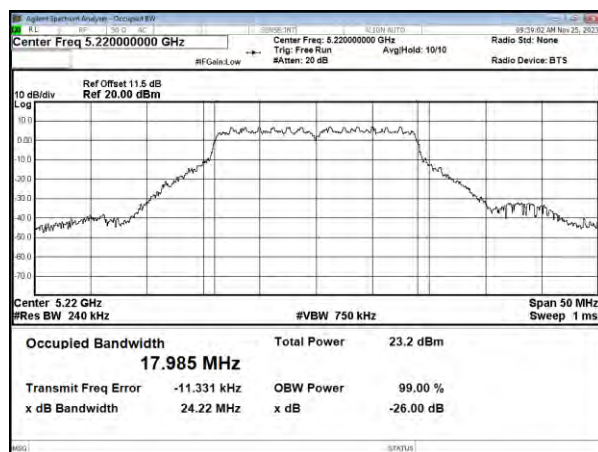
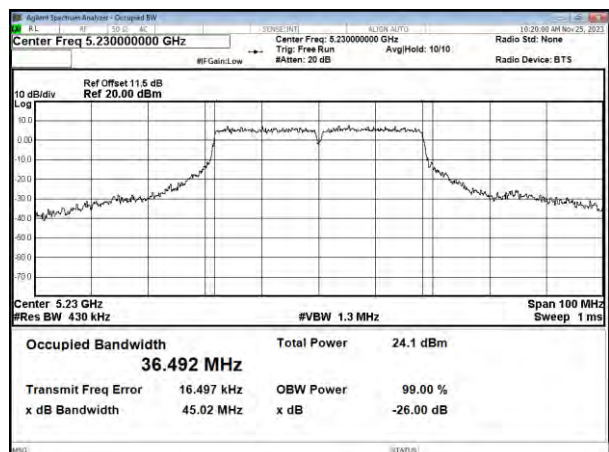
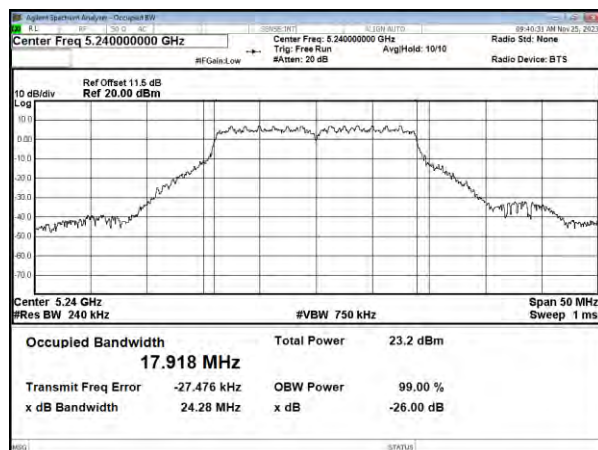
Modulation Standard: 802.11 ax HE80

CH138

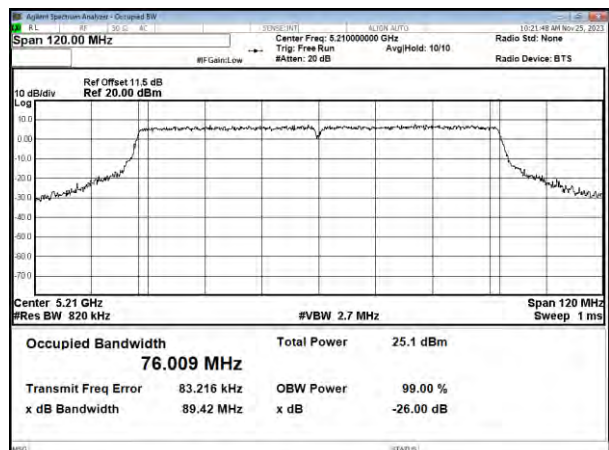


**MIMO (ANT B)**

26dB Bandwidth & 99% Occupied Bandwidth, UNII-1

Modulation Standard: 802.11ac VHT20
CH36Modulation Standard: 802.11ac VHT40
CH38**CH44****CH46****CH48**

Modulation Standard: 802.11ac VHT80

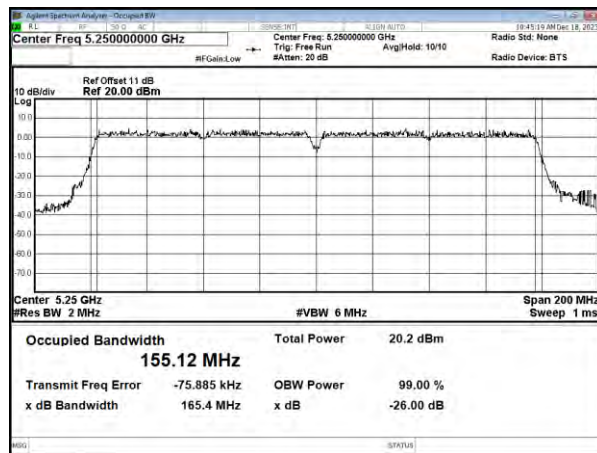
CH42



26dB Bandwidth & 99% Occupied Bandwidth, UNII-1

Modulation Standard: 802.11ac VHT160

CH50

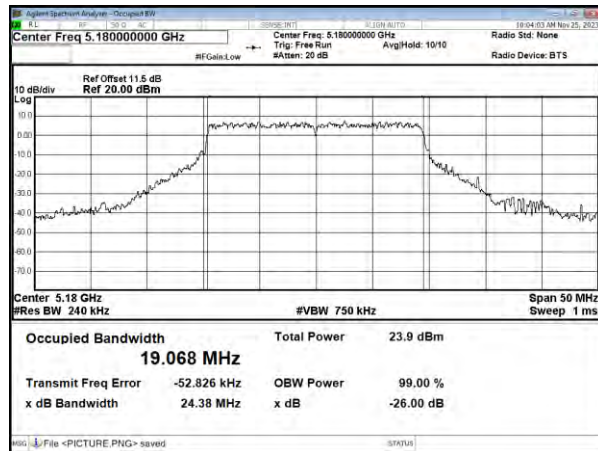




26dB Bandwidth & 99% Occupied Bandwidth, UNII-1

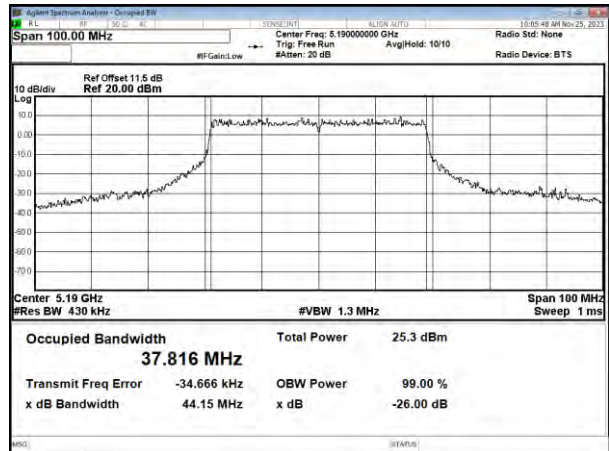
Modulation Standard: 802.11 ax HE20

CH36

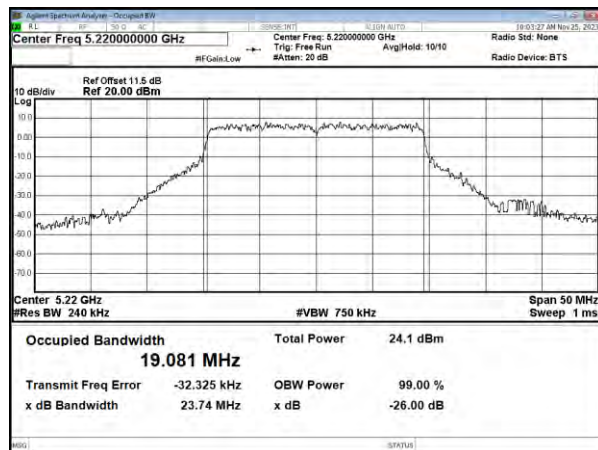


Modulation Standard: 802.11 ax HE40

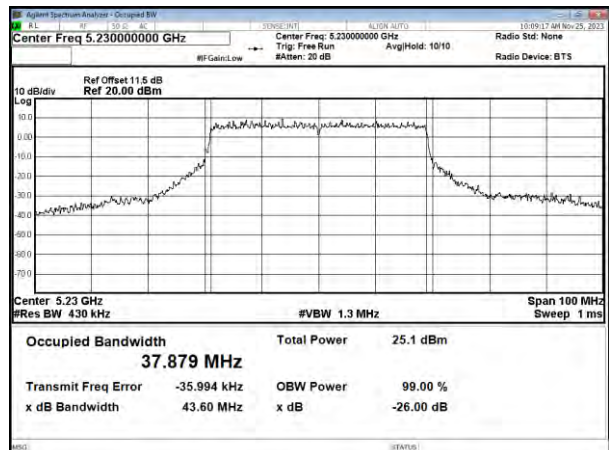
CH38



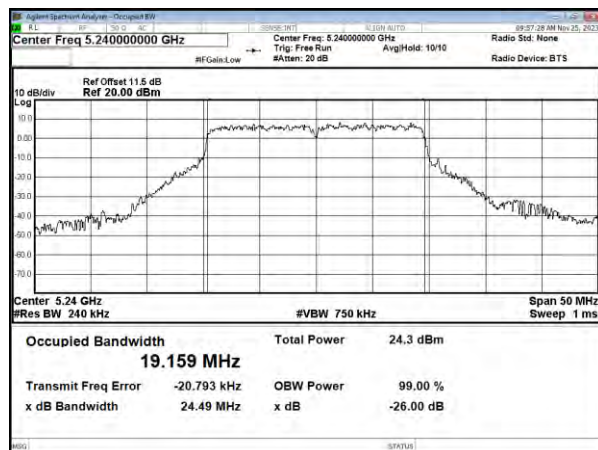
CH44



CH46

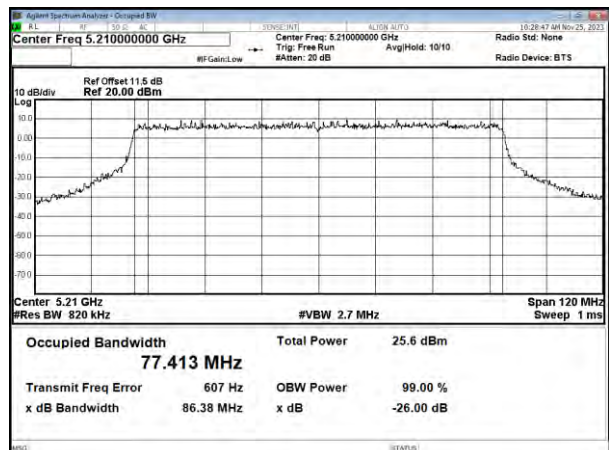


CH48



Modulation Standard: 802.11 ax HE80

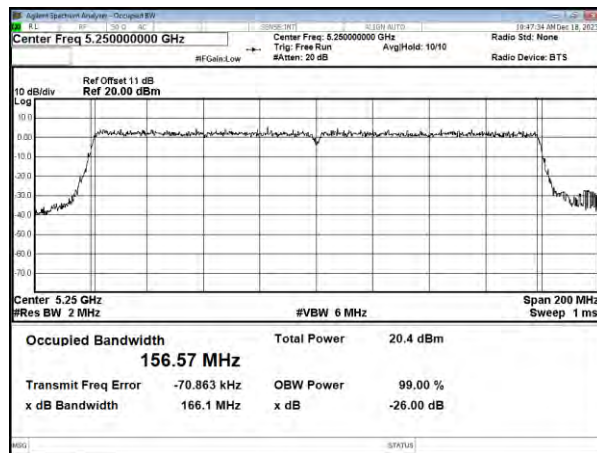
CH42





Modulation Standard: 802.11 ax HE160

CH50

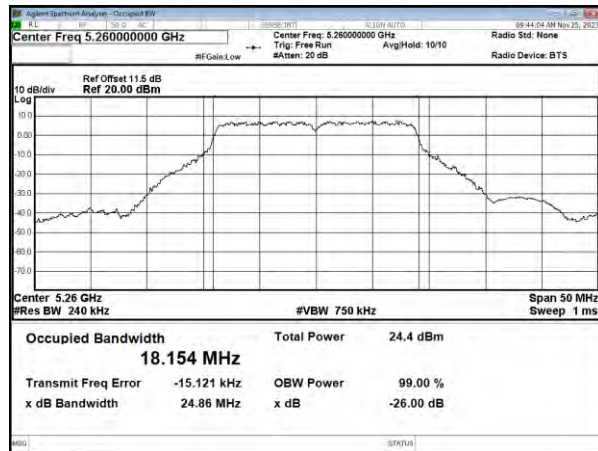




26dB Bandwidth &99% Occupied Bandwidth, UNII-2A

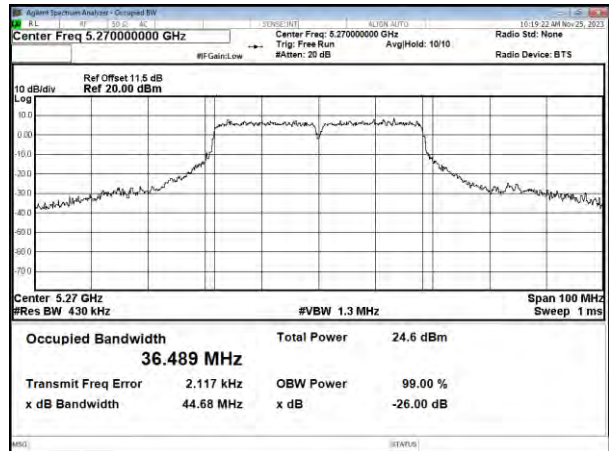
Modulation Standard: 802.11ac VHT20

CH52

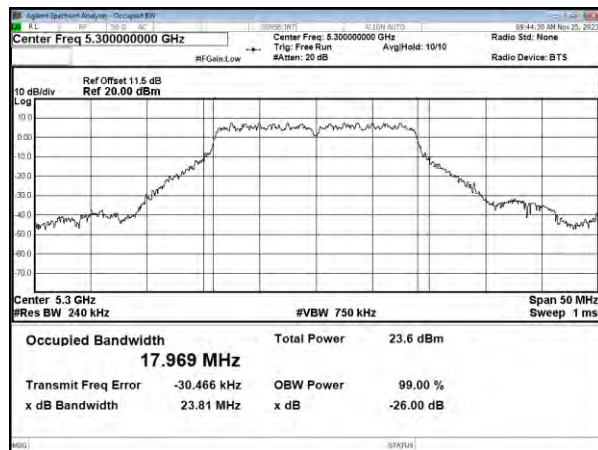


Modulation Standard: 802.11ac VHT40

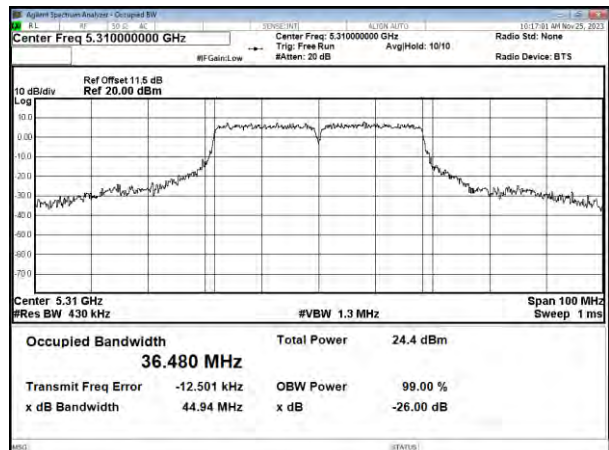
CH54



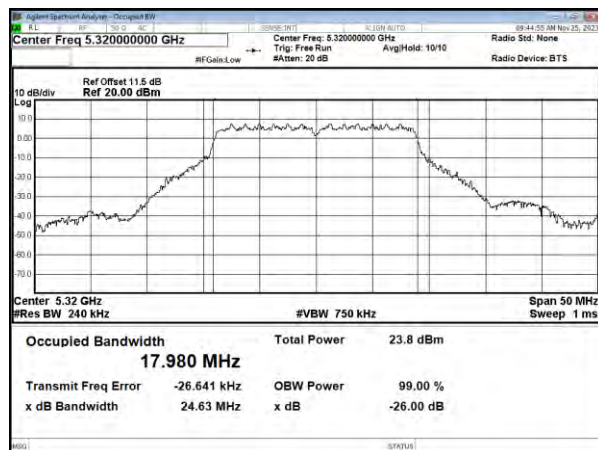
CH60



CH62

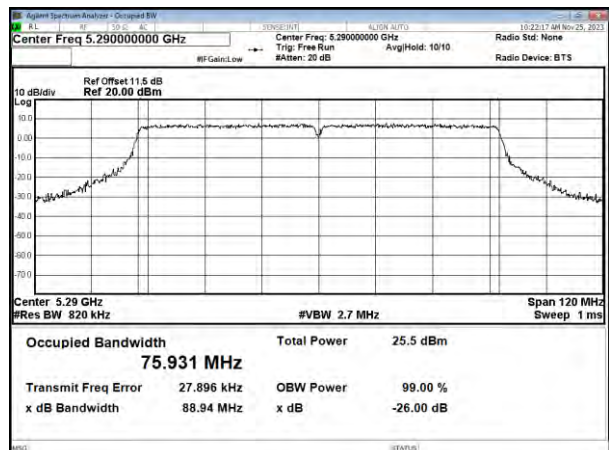


CH64



Modulation Standard: 802.11ac VHT80

CH58

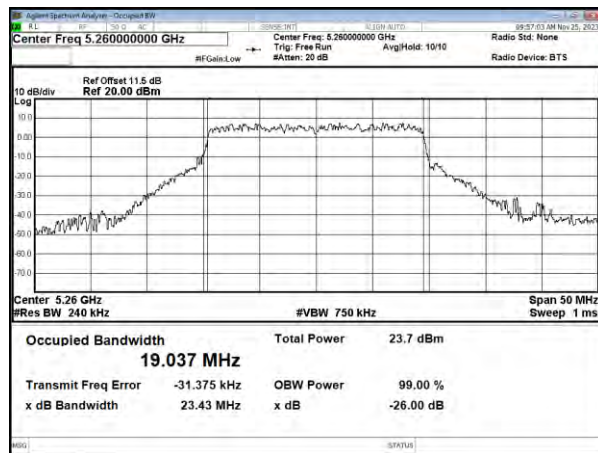




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2A

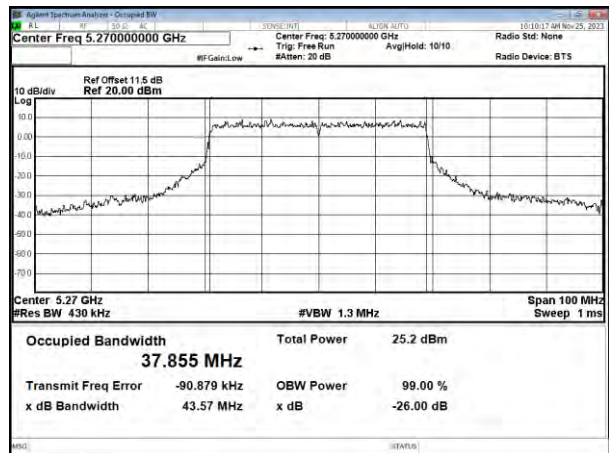
Modulation Standard: 802.11 ax HE20

CH52

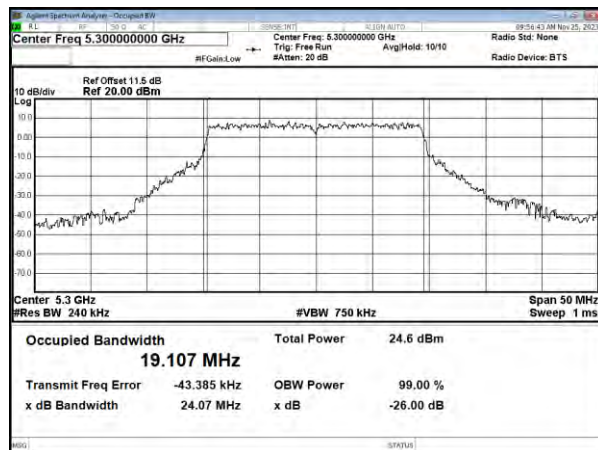


Modulation Standard: 802.11 ax HE40

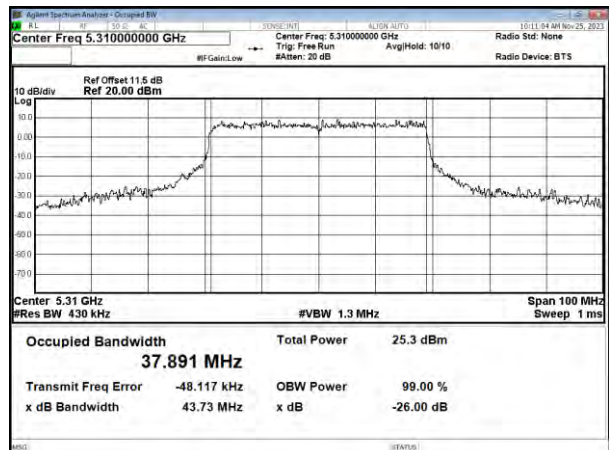
CH54



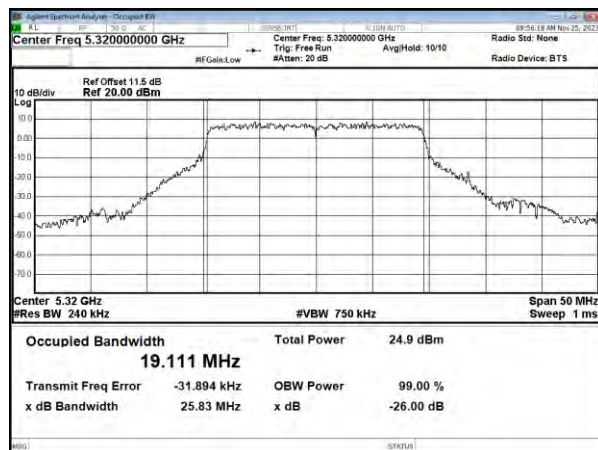
CH60



CH62

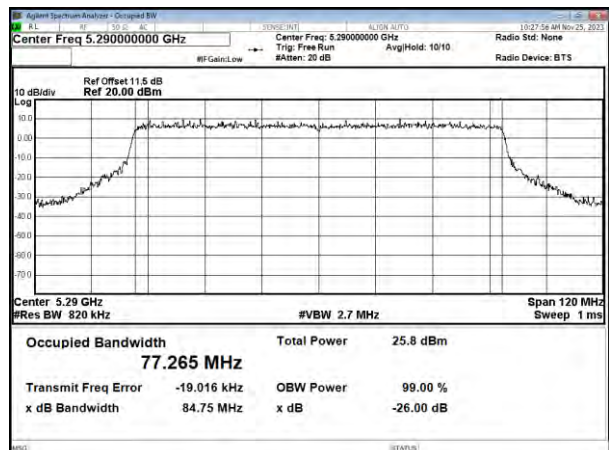


CH64



Modulation Standard: 802.11 ax HE80

CH58

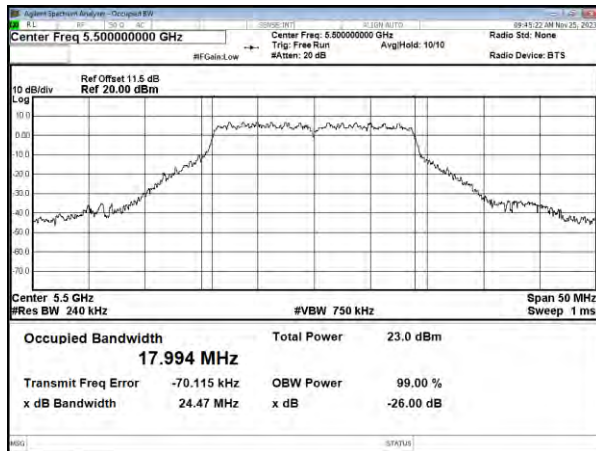




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

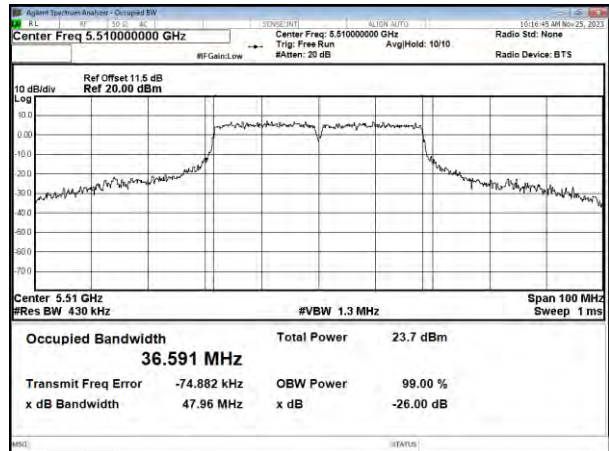
Modulation Standard: 802.11ac VHT20

CH100

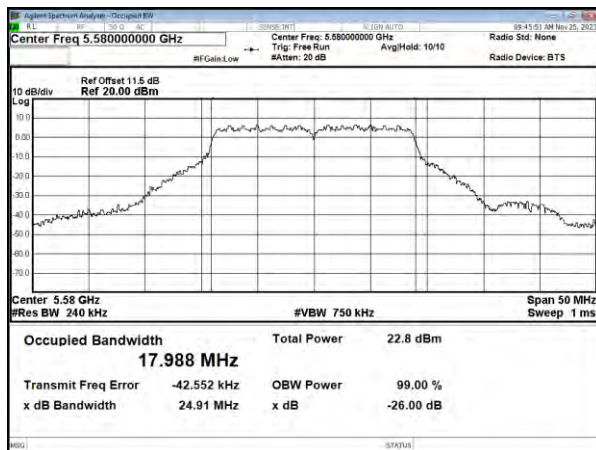


Modulation Standard: 802.11ac VHT40

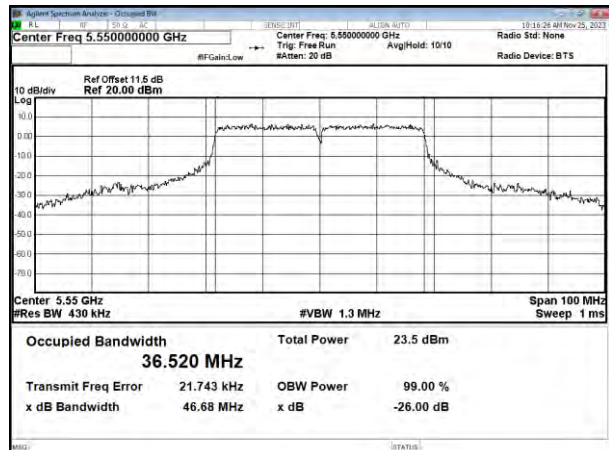
CH102



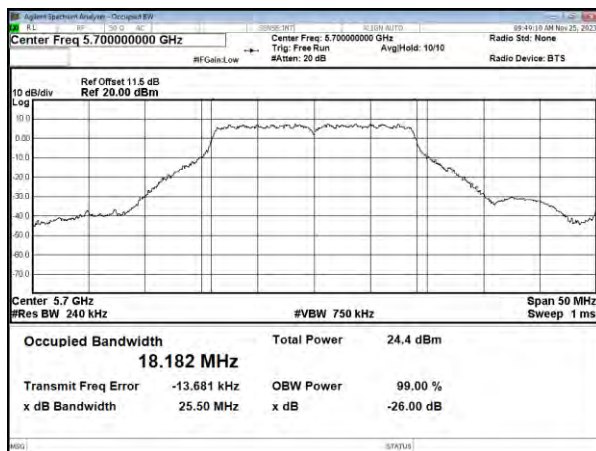
CH116



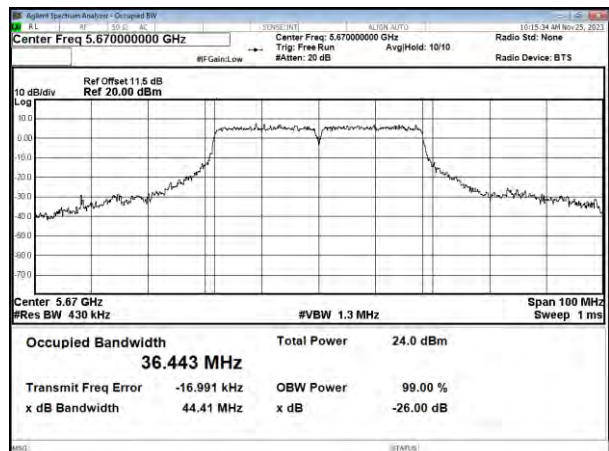
CH110



CH140



CH134

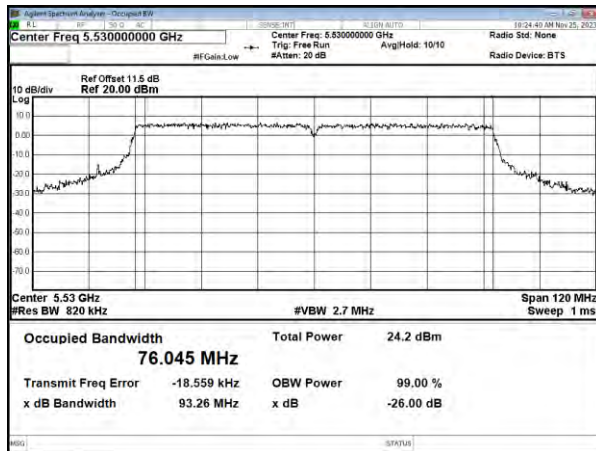




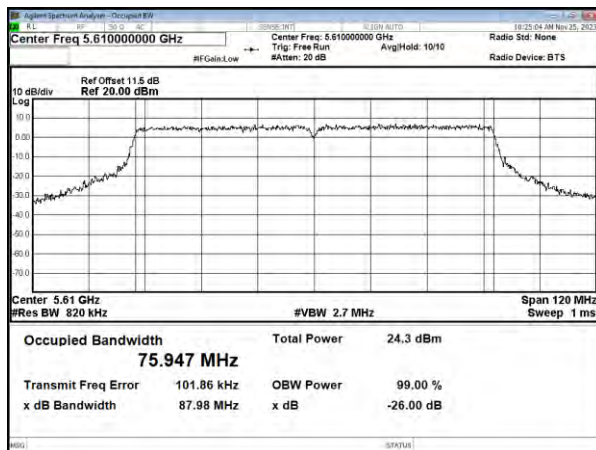
26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

Modulation Standard: 802.11ac VHT80

CH106

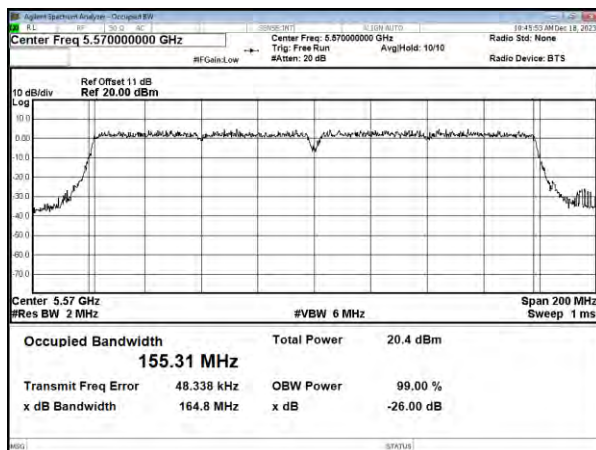


CH122



Modulation Standard: 802.11ac VHT160

CH114

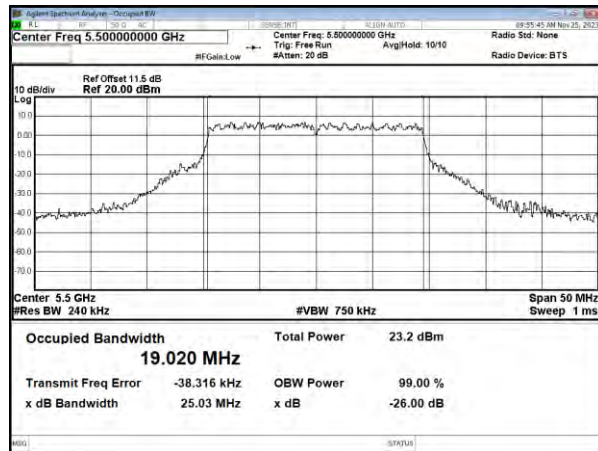




26dB Bandwidth & 99% Occupied Bandwidth, UNII-2C

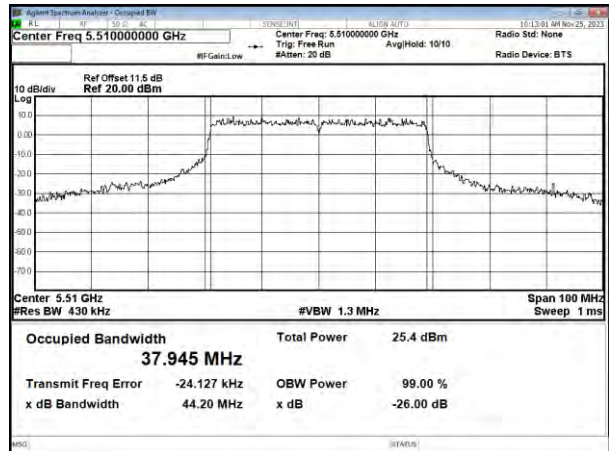
Modulation Standard: 802.11 ax HE20

CH100

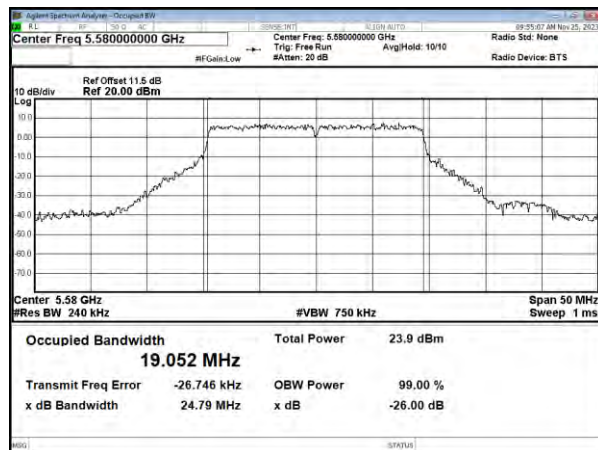


Modulation Standard: 802.11 ax HE40

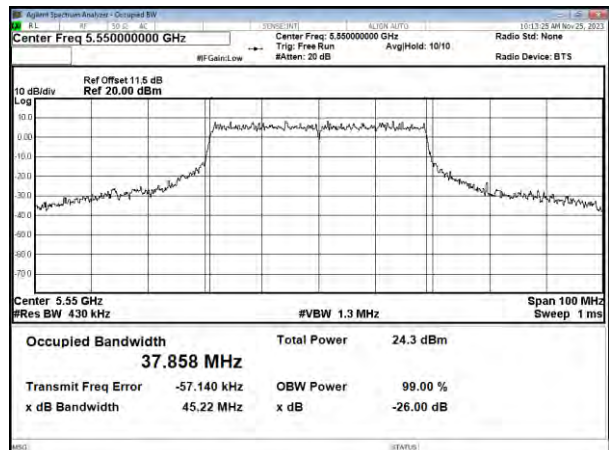
CH102



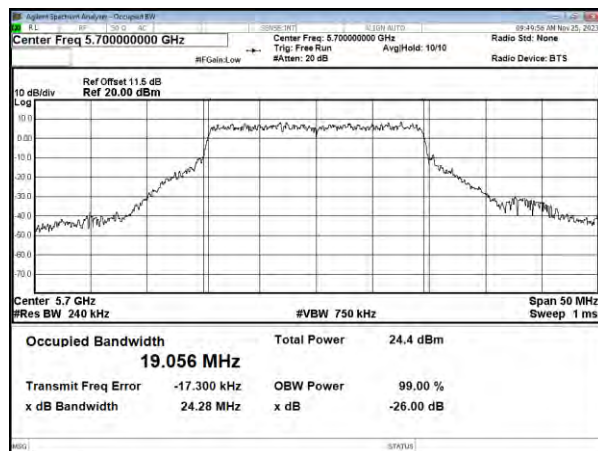
CH116



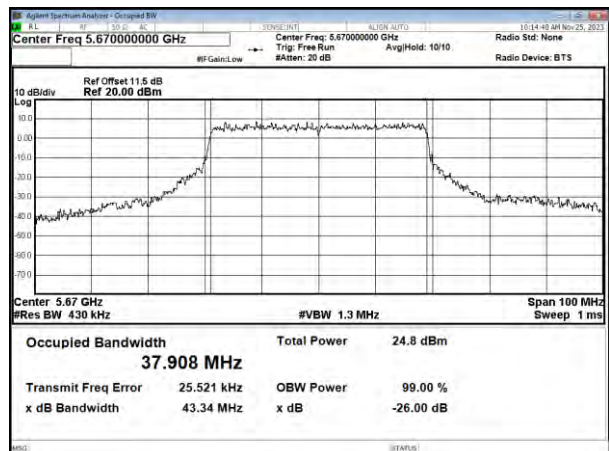
CH110



CH140



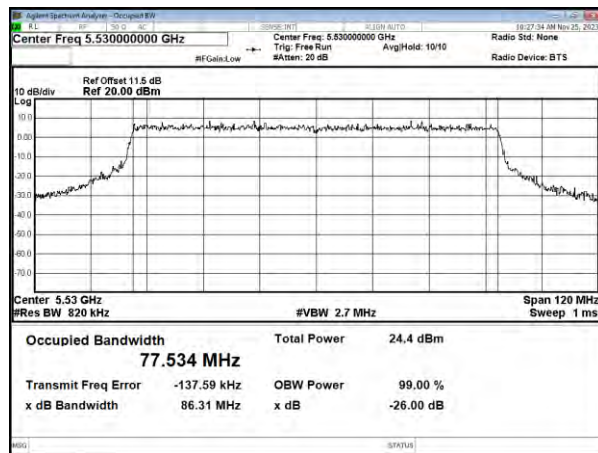
CH134





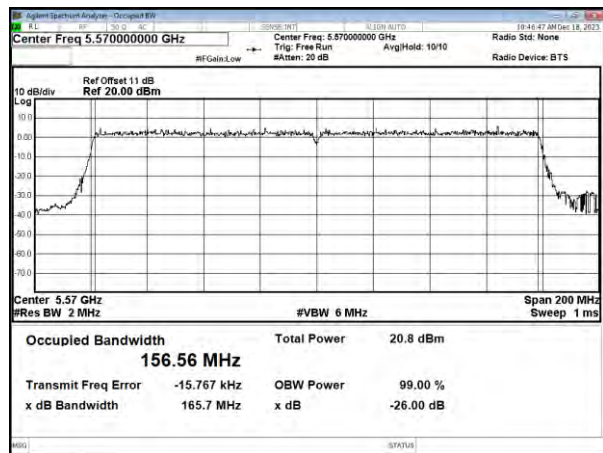
Modulation Standard: 802.11 ax HE80

CH106

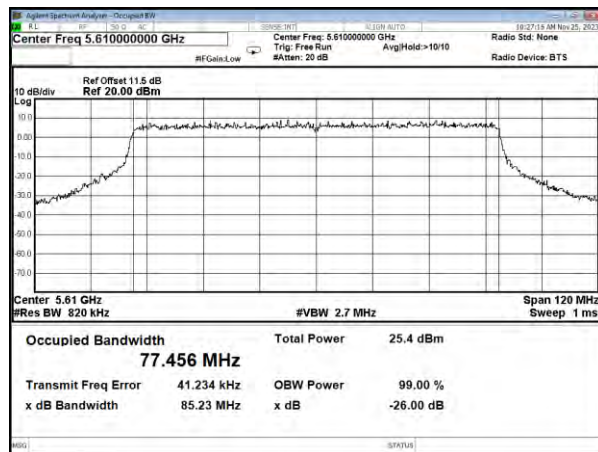


Modulation Standard: 802.11ax HE160

CH114



CH122

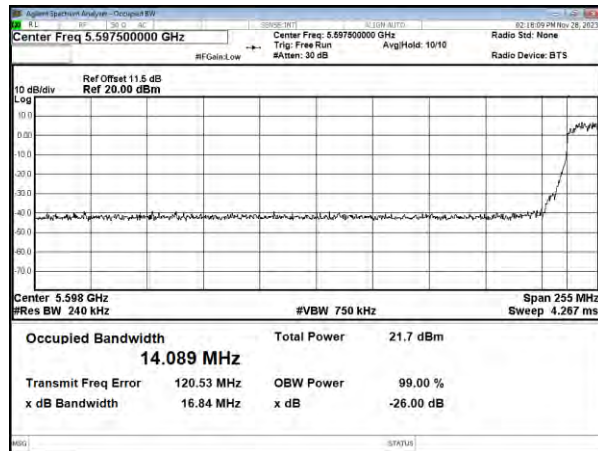




26dB Bandwidth &99% Occupied Bandwidth, Within 5470-5725MHz band

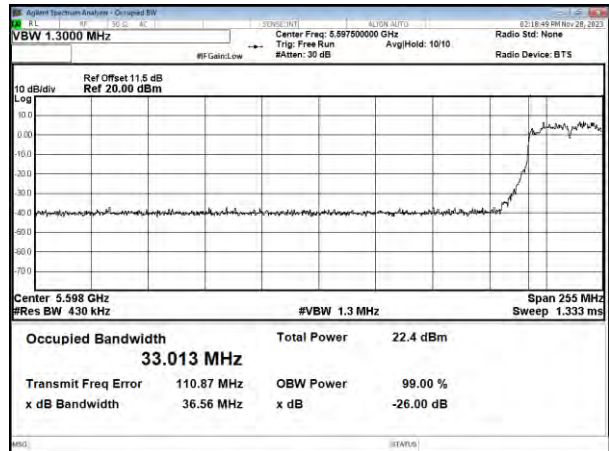
Modulation Standard: 802.11ac VHT20

CH144



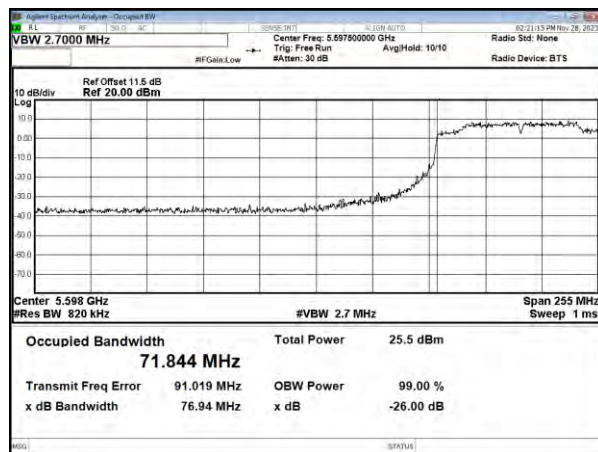
Modulation Standard: 802.11ac VHT40

CH142



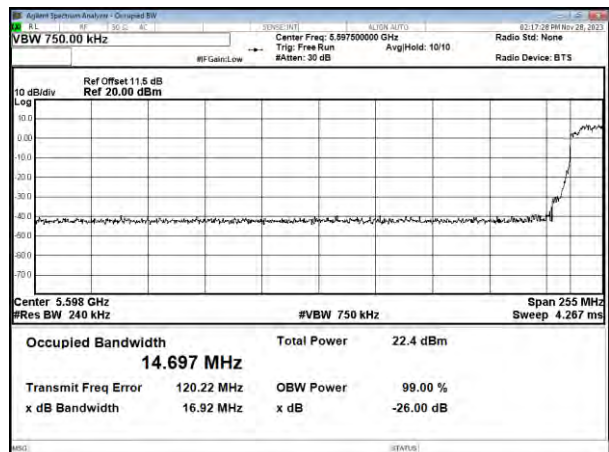
Modulation Standard: 802.11ac VHT80

CH138



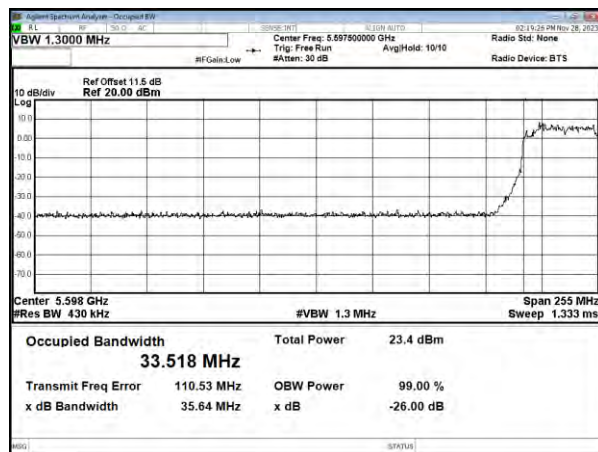
Modulation Standard: 802.11 ax HE20

CH144



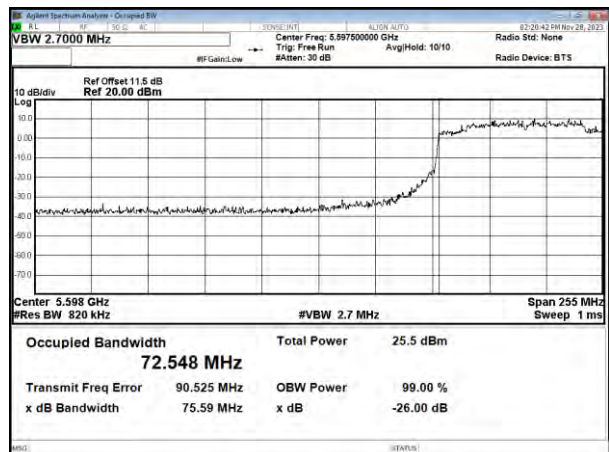
Modulation Standard: 802.11 ax HE40

CH142



Modulation Standard: 802.11 ax HE80

CH138





10. Average Power

10.1. Test Limit

Output Power:

Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30degrees as measured from the horizon must not exceed 125 mW (21 dBm).
☐	Indoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☐	Fixed point-to-point access points	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.
☒	client devices	The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



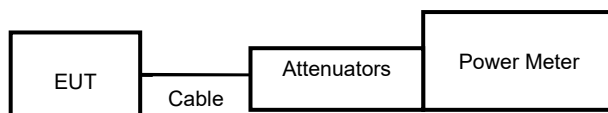
Frequency Band		Limit
☒	5.25-5.35 GHz	The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☒	5.470-5.725 GHz	
☒	5.725~5.85 GHz	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

10.2. Test Procedure

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 11 dB (including 10 dB pad and 1 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

10.3. Test Setup Layout





10.4. Test Result and Data

SISO-ANTA

In the 5.2G Band

Modulation Type	Data Rate	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	36	5180	15.21	33.189	22.28
11a	6 Mbps	44	5220	15.45	35.075	22.28
11a	6 Mbps	48	5240	15.68	36.983	22.28
11n HT20	MCS 0	36	5180	15.02	31.769	22.28
11n HT20	MCS 0	44	5220	15.34	34.198	22.28
11n HT20	MCS 0	48	5240	15.45	35.075	22.28
11n HT40	MCS 0	38	5190	16.28	42.462	22.28
11n HT40	MCS 0	46	5230	16.68	46.559	22.28
11ac VHT20	NSS1-MCS0	36	5180	15.29	33.806	22.28
11ac VHT20	NSS1-MCS0	44	5220	15.51	35.563	22.28
11ac VHT20	NSS1-MCS0	48	5240	15.74	37.497	22.28
11ac VHT40	NSS1-MCS0	38	5190	16.65	46.238	22.28
11ac VHT40	NSS1-MCS0	46	5230	16.96	49.659	22.28
11ac VHT80	NSS1-MCS0	42	5210	16.82	48.084	22.28
11ac VHT160	NSS1-MCS0	50	5250	16.45	17.579	22.28
802.11ax HE20	NSS1-MCS0	36	5180	15.80	38.019	22.28
802.11ax HE20	NSS1-MCS0	40	5200	16.00	39.811	22.28
802.11ax HE20	NSS1-MCS0	48	5240	16.26	42.267	22.28
802.11ax HE40	NSS1-MCS0	38	5190	16.49	44.566	22.28
802.11ax HE40	NSS1-MCS0	46	5230	16.81	47.973	22.28
802.11ax HE80	NSS1-MCS0	42	5210	16.53	44.978	22.28
802.11ax HE160	NSS1-MCS0	50	5250	16.76	47.424	22.28

In the 5.3G Band

Modulation Type	Data Rate	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	52	5260	15.76	37.670	21.99
11a	6 Mbps	60	5300	15.69	37.068	21.99
11a	6 Mbps	64	5320	15.56	35.975	21.99
11n HT20	MCS 0	52	5260	15.46	35.156	21.99
11n HT20	MCS 0	60	5300	15.57	36.058	21.99
11n HT20	MCS 0	64	5320	15.63	36.559	21.99
11n HT40	MCS 0	54	5270	17.05	50.699	21.99
11n HT40	MCS 0	62	5310	16.87	48.641	21.99
11ac VHT20	NSS1-MCS0	52	5260	15.79	37.931	21.99
11ac VHT20	NSS1-MCS0	60	5300	15.80	38.019	21.99
11ac VHT20	NSS1-MCS0	64	5320	15.71	37.239	21.99
11ac VHT40	NSS1-MCS0	54	5270	17.12	51.523	21.99
11ac VHT40	NSS1-MCS0	62	5310	17.05	50.699	21.99
11ac VHT80	NSS1-MCS0	58	5290	17.09	51.168	21.99
802.11ax HE20	NSS1-MCS0	52	5260	16.28	42.462	21.99
802.11ax HE20	NSS1-MCS0	60	5300	16.30	42.658	21.99
802.11ax HE20	NSS1-MCS0	64	5320	16.17	41.400	21.99
802.11ax HE40	NSS1-MCS0	54	5270	16.92	49.204	21.99
802.11ax HE40	NSS1-MCS0	62	5310	16.86	48.529	21.99
802.11ax HE80	NSS1-MCS0	58	5290	16.78	47.643	21.99



In the 5.5G Band

Modulation Type	Data Rate	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	100	5500	15.10	32.359	22.43
11a	6 Mbps	116	5580	15.39	34.594	22.43
11a	6 Mbps	140	5700	15.66	36.813	22.43
11n HT20	MCS 0	100	5500	15.09	32.285	22.43
11n HT20	MCS 0	116	5580	15.25	33.497	22.43
11n HT20	MCS 0	140	5700	15.53	35.727	22.43
11n HT40	MCS 0	102	5510	16.18	41.495	22.43
11n HT40	MCS 0	110	5550	16.46	44.259	22.43
11n HT40	MCS 0	134	5670	16.73	47.098	22.43
11ac VHT20	NSS1-MCS0	100	5500	15.18	32.961	22.43
11ac VHT20	NSS1-MCS0	116	5580	15.44	34.995	22.43
11ac VHT20	NSS1-MCS0	140	5700	15.74	37.497	22.43
11ac VHT40	NSS1-MCS0	102	5510	16.43	43.954	22.43
11ac VHT40	NSS1-MCS0	110	5550	16.66	46.345	22.43
11ac VHT40	NSS1-MCS0	134	5670	17.06	50.816	22.43
11ac VHT80	NSS1-MCS0	106	5530	16.51	44.771	22.43
11ac VHT80	NSS1-MCS0	122	5610	16.85	48.417	22.43
11ax HE20	NSS1-MCS0	100	5500	15.60	36.308	22.43
11ax HE20	NSS1-MCS0	116	5580	15.95	39.355	22.43
11ax HE20	NSS1-MCS0	140	5700	16.30	42.658	22.43
11ax HE40	NSS1-MCS0	102	5510	16.35	43.152	22.43
11ax HE40	NSS1-MCS0	110	5550	16.44	44.055	22.43
11ax HE40	NSS1-MCS0	134	5670	16.90	48.978	22.43
11ax HE80	NSS1-MCS0	106	5530	16.24	42.073	22.43
11ax HE80	NSS1-MCS0	122	5610	16.65	46.238	22.43
11ax HE160	NSS1-MCS0	114	5570	16.32	42.855	22.43

In the 5.8G Band

Modulation Type	Data Rate	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	149	5745	19.64	92.045	28.82
11a	6 Mbps	157	5785	19.65	92.257	28.82
11a	6 Mbps	165	5825	19.54	89.950	28.82
11n HT20	MCS 0	149	5745	19.35	86.099	28.82
11n HT20	MCS 0	157	5785	19.47	88.512	28.82
11n HT20	MCS 0	165	5825	19.53	89.743	28.82
11n HT40	MCS 0	151	5755	20.08	101.859	28.82
11n HT40	MCS 0	159	5795	20.24	105.682	28.82
11ac VHT20	NSS1-MCS0	149	5745	19.70	93.325	28.82
11ac VHT20	NSS1-MCS0	157	5785	19.72	93.756	28.82
11ac VHT20	NSS1-MCS0	165	5825	19.60	91.201	28.82
11ac VHT40	NSS1-MCS0	151	5755	20.28	106.660	28.82
11ac VHT40	NSS1-MCS0	159	5795	20.23	105.439	28.82
11ac VHT80	NSS1-MCS0	155	5775	19.40	87.096	28.82
11ax HE20	NSS1-MCS0	149	5745	20.14	103.276	28.82
11ax HE20	NSS1-MCS0	157	5785	20.14	103.276	28.82
11ax HE20	NSS1-MCS0	165	5825	20.04	100.925	28.82
11ax HE40	NSS1-MCS0	151	5755	20.13	103.039	28.82
11ax HE40	NSS1-MCS0	159	5795	20.03	100.693	28.82
11ax HE80	NSS1-MCS0	155	5775	19.17	82.604	28.82

**Straddle Channels (Within 5470-5725MHz band)**

Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)	W/O duty factor Total power (dBm)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
11a	6M	5720	15.99	15.99	39.719	15.99	22.43
11n HT20	MCS0	5720	15.73	15.73	37.411	15.73	22.43
11n HT40	MCS0	5710	16.35	16.35	43.152	16.35	22.43
11ac VHT20	NSS1-MCS0	5720	15.96	15.96	39.446	15.96	22.43
11ac VHT40	NSS1-MCS0	5710	16.62	16.62	45.920	16.62	22.43
11ac VHT80	NSS1-MCS0	5690	16.69	16.69	46.666	16.69	22.43
11ax HE20	NSS1-MCS0	5720	16.61	16.61	45.814	16.61	22.43
11ax HE40	NSS1-MCS0	5710	16.40	16.40	43.652	16.40	22.43
11ax HE80	NSS1-MCS0	5690	16.39	16.39	43.551	16.39	22.43

Straddle Channels (Extends across 5725MHz band)

Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)	W/O duty factor Total power (dBm)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
11a	6M	5720	8.61	8.61	7.261	8.61	28.82
11n HT20	MCS0	5720	8.53	8.53	7.129	8.53	28.82
11n HT40	MCS0	5710	4.39	4.39	2.748	4.39	28.82
11ac VHT20	NSS1-MCS0	5720	8.86	8.86	7.691	8.86	28.82
11ac VHT40	NSS1-MCS0	5710	4.78	4.78	3.006	4.78	28.82
11ac VHT80	NSS1-MCS0	5690	0.46	0.46	1.112	0.46	28.82
11ax HE20	NSS1-MCS0	5720	9.63	9.63	9.183	9.63	28.82
11ax HE40	NSS1-MCS0	5710	4.86	4.86	3.062	4.86	28.82
11ax HE80	NSS1-MCS0	5690	1.23	1.23	1.327	1.23	28.82



SISO-ANTB

In the 5.2G Band

Modulation Type	Data Rate	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	36	5180	15.09	32.285	24.00
11a	6 Mbps	44	5220	15.13	32.584	24.00
11a	6 Mbps	48	5240	15.23	33.343	24.00
11n HT20	MCS 0	36	5180	15.03	31.842	24.00
11n HT20	MCS 0	44	5220	15.12	32.509	24.00
11n HT20	MCS 0	48	5240	15.27	33.651	24.00
11n HT40	MCS 0	38	5190	16.53	44.978	24.00
11n HT40	MCS 0	46	5230	16.46	44.259	24.00
11ac VHT20	NSS1-MCS0	36	5180	15.14	32.659	24.00
11ac VHT20	NSS1-MCS0	44	5220	15.17	32.885	24.00
11ac VHT20	NSS1-MCS0	48	5240	15.33	34.119	24.00
11ac VHT40	NSS1-MCS0	38	5190	16.63	46.026	24.00
11ac VHT40	NSS1-MCS0	46	5230	16.69	46.666	24.00
11ac VHT80	NSS1-MCS0	42	5210	16.60	45.709	24.00
11ac VHT160	NSS1-MCS0	50	5250	12.31	17.022	24.00
802.11ax HE20	NSS1-MCS0	36	5180	15.71	37.239	24.00
802.11ax HE20	NSS1-MCS0	40	5200	15.73	37.411	24.00
802.11ax HE20	NSS1-MCS0	48	5240	15.84	38.371	24.00
802.11ax HE40	NSS1-MCS0	38	5190	16.47	44.361	24.00
802.11ax HE40	NSS1-MCS0	46	5230	16.52	44.875	24.00
802.11ax HE80	NSS1-MCS0	42	5210	16.43	43.954	24.00
802.11ax HE160	NSS1-MCS0	50	5250	16.46	44.259	24.00

In the 5.3G Band

Modulation Type	Data Rate	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	52	5260	15.39	34.594	24.00
11a	6 Mbps	60	5300	15.59	36.224	24.00
11a	6 Mbps	64	5320	15.69	37.068	24.00
11n HT20	MCS 0	52	5260	15.28	33.729	24.00
11n HT20	MCS 0	60	5300	15.45	35.075	24.00
11n HT20	MCS 0	64	5320	15.39	34.594	24.00
11n HT40	MCS 0	54	5270	16.54	45.082	24.00
11n HT40	MCS 0	62	5310	17.02	50.350	24.00
11ac VHT20	NSS1-MCS0	52	5260	15.47	35.237	24.00
11ac VHT20	NSS1-MCS0	60	5300	15.65	36.728	24.00
11ac VHT20	NSS1-MCS0	64	5320	15.73	37.411	24.00
11ac VHT40	NSS1-MCS0	54	5270	16.87	48.641	24.00
11ac VHT40	NSS1-MCS0	62	5310	17.10	51.286	24.00
11ac VHT80	NSS1-MCS0	58	5290	17.01	50.234	24.00
11ax HE20	NSS1-MCS0	52	5260	15.97	39.537	24.00
11ax HE20	NSS1-MCS0	60	5300	16.14	41.115	24.00
11ax HE20	NSS1-MCS0	64	5320	16.21	41.783	24.00
11ax HE40	NSS1-MCS0	54	5270	16.74	47.206	24.00
11ax HE40	NSS1-MCS0	62	5310	16.92	49.204	24.00
11ax HE80	NSS1-MCS0	58	5290	16.81	47.973	24.00



In the 5.5G Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	19	100	5500	14.90	30.903	24.00
11a	6 Mbps	19	116	5580	14.60	28.840	24.00
11a	6 Mbps	19	140	5700	15.43	34.914	24.00
11n HT20	MCS 0	19	100	5500	14.73	29.717	24.00
11n HT20	MCS 0	19	116	5580	14.51	28.249	24.00
11n HT20	MCS 0	19	140	5700	15.46	35.156	24.00
11n HT40	MCS 0	20	102	5510	16.32	42.855	24.00
11n HT40	MCS 0	20	110	5550	16.02	39.994	24.00
11n HT40	MCS 0	20	134	5670	16.37	43.351	24.00
11ac VHT20	NSS1-MCS0	19	100	5500	14.91	30.974	24.00
11ac VHT20	NSS1-MCS0	19	116	5580	14.63	29.040	24.00
11ac VHT20	NSS1-MCS0	19	140	5700	15.51	35.563	24.00
11ac VHT40	NSS1-MCS0	20	102	5510	16.46	44.259	24.00
11ac VHT40	NSS1-MCS0	20	110	5550	16.06	40.365	24.00
11ac VHT40	NSS1-MCS0	20	134	5670	16.52	44.875	24.00
11ac VHT80	NSS1-MCS0	20	106	5530	16.07	40.458	24.00
11ac VHT80	NSS1-MCS0	20	122	5610	16.02	39.994	24.00
11ax HE20	NSS1-MCS0	19	100	5500	15.51	35.563	24.00
11ax HE20	NSS1-MCS0	19	116	5580	15.14	32.659	24.00
11ax HE20	NSS1-MCS0	19	140	5700	15.99	39.719	24.00
11ax HE40	NSS1-MCS0	20	102	5510	16.26	42.267	24.00
11ax HE40	NSS1-MCS0	20	110	5550	15.89	38.815	24.00
11ax HE40	NSS1-MCS0	20	134	5670	16.43	43.954	24.00
11ax HE80	NSS1-MCS0	20	106	5530	15.81	38.107	24.00
11ax HE80	NSS1-MCS0	20	122	5610	15.80	38.019	24.00
11ax HE160	NSS1-MCS0	23	114	5570	16.10	40.738	24.00

In the 5.8G Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	Total power (mW)	FCC Limit (dBm)
11a	6 Mbps	23	149	5745	19.45	88.105	30.00
11a	6 Mbps	23	157	5785	19.51	89.331	30.00
11a	6 Mbps	23	165	5825	19.61	91.411	30.00
11n HT20	MCS 0	23	149	5745	19.35	86.099	30.00
11n HT20	MCS 0	23	157	5785	19.35	86.099	30.00
11n HT20	MCS 0	23	165	5825	19.57	90.573	30.00
11n HT40	MCS 0	23	151	5755	20.04	100.925	30.00
11n HT40	MCS 0	23	159	5795	20.08	101.859	30.00
11ac VHT20	NSS1-MCS0	23	149	5745	19.49	88.920	30.00
11ac VHT20	NSS1-MCS0	23	157	5785	19.54	89.950	30.00
11ac VHT20	NSS1-MCS0	23	165	5825	19.65	92.257	30.00
11ac VHT40	NSS1-MCS0	23	151	5755	20.08	101.859	30.00
11ac VHT40	NSS1-MCS0	23	159	5795	20.11	102.565	30.00
11ac VHT80	NSS1-MCS0	22.5	155	5775	19.25	84.140	30.00
11ax HE20	NSS1-MCS0	23	149	5745	19.98	99.541	30.00
11ax HE20	NSS1-MCS0	23	157	5785	20.02	100.462	30.00
11ax HE20	NSS1-MCS0	23	165	5825	20.19	104.472	30.00
11ax HE40	NSS1-MCS0	23	151	5755	19.91	97.949	30.00
11ax HE40	NSS1-MCS0	23	159	5795	19.89	97.499	30.00
11ax HE80	NSS1-MCS0	22.5	155	5775	19.06	80.538	30.00

**Straddle Channels (Within 5470-5725MHz band)**

Modulation Type	Data Rate	Setting	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)	W/O duty factor Total power (dBm)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
11a	6M	19	5720	15.93	15.93	39.174	15.93	24.00
11n HT20	MCS0	19	5720	15.85	15.85	38.459	15.85	24.00
11n HT40	MCS0	20	5710	16.31	16.31	42.756	16.31	24.00
11ac VHT20	NSS1-MCS0	19	5720	15.96	15.96	39.446	15.96	24.00
11ac VHT40	NSS1-MCS0	20	5710	16.62	16.62	45.920	16.62	24.00
11ac VHT80	NSS1-MCS0	20	5690	16.61	16.61	45.814	16.61	24.00
11ax HE20	NSS1-MCS0	19	5720	16.00	16.00	39.811	16.00	24.00
11ax HE40	NSS1-MCS0	20	5710	16.47	16.47	44.361	16.47	24.00
11ax HE80	NSS1-MCS0	20	5690	16.42	16.42	43.853	16.42	24.00

Straddle Channels (Extends across 5725MHz band)

Modulation Type	Data Rate	Setting	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)	W/O duty factor Total power (dBm)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
11a	6M	19	5720	8.89	8.89	7.745	8.89	30.00
11n HT20	MCS0	19	5720	8.56	8.56	7.178	8.56	30.00
11n HT40	MCS0	20	5710	4.75	4.75	2.985	4.75	30.00
11ac VHT20	NSS1-MCS0	19	5720	8.91	8.91	7.780	8.91	30.00
11ac VHT40	NSS1-MCS0	20	5710	4.84	4.84	3.048	4.84	30.00
11ac VHT80	NSS1-MCS0	20	5690	0.54	0.54	1.132	0.54	30.00
11ax HE20	NSS1-MCS0	19	5720	9.62	9.62	9.162	9.62	30.00
11ax HE40	NSS1-MCS0	20	5710	5.03	5.03	3.184	5.03	30.00
11ax HE80	NSS1-MCS0	20	5690	1.10	1.10	1.288	1.10	30.00

**MIMO
In the 5.2G Band**

Modulation Type	Data Rate	Channel	Frequency (MHz)	Avg Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
				ANT A	ANT B	A+B	A+B	
11n HT20	MCS 8	36	5180	9.140	8.890	12.03	15.948	23.28
11n HT20	MCS 8	44	5220	9.200	8.920	12.07	16.116	23.28
11n HT20	MCS 8	48	5240	9.290	8.750	12.04	15.991	23.28
11n HT40	MCS 8	38	5190	9.570	8.950	12.28	16.910	23.28
11n HT40	MCS 8	46	5230	9.680	9.150	12.43	17.512	23.28
11ac VHT20	NSS1-MCS0	36	5180	9.430	9.030	12.24	16.768	23.28
11ac VHT20	NSS1-MCS0	44	5220	9.380	9.120	12.26	16.835	23.28
11ac VHT20	NSS1-MCS0	48	5240	9.420	9.080	12.26	16.841	23.28
11ac VHT40	NSS1-MCS0	38	5190	9.780	9.150	12.49	17.728	23.28
11ac VHT40	NSS1-MCS0	46	5230	9.850	9.390	12.64	18.350	23.28
11ac VHT80	NSS1-MCS0	42	5210	13.600	13.410	16.52	44.837	23.28
11ac VHT160	NSS1-MCS0	50	5250	14.280	13.900	17.10	51.339	23.28
11ax HE20	NSS1-MCS0	36	5180	9.540	9.180	12.37	17.274	23.28
11ax HE20	NSS1-MCS0	40	5200	9.470	9.230	12.36	17.226	23.28
11ax HE20	NSS1-MCS0	48	5240	9.580	9.170	12.39	17.339	23.28
11ax HE40	NSS1-MCS0	38	5190	9.630	9.260	12.46	17.617	23.28
11ax HE40	NSS1-MCS0	46	5230	9.550	9.220	12.40	17.372	23.28
11ax HE80	NSS1-MCS0	42	5210	13.430	13.240	16.35	43.116	23.28
11ax HE160	NSS1-MCS0	50	5250	13.880	13.560	16.73	47.133	23.28

In the 5.3G Band

Modulation Type	Data Rate	Channel	Frequency (MHz)	Avg Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
				ANT A	ANT B	A+B	A+B	
11n HT20	MCS 8	52	5260	12.480	11.420	14.99	31.569	21.99
11n HT20	MCS 8	60	5300	12.510	11.890	15.22	33.276	21.99
11n HT20	MCS 8	64	5320	12.320	12.100	15.22	33.279	21.99
11n HT40	MCS 8	54	5270	13.870	13.580	16.74	47.182	21.99
11n HT40	MCS 8	62	5310	13.560	13.780	16.68	46.577	21.99
11ac VHT20	NSS1-MCS0	52	5260	12.630	11.840	15.26	33.599	21.99
11ac VHT20	NSS1-MCS0	60	5300	12.680	12.000	15.36	34.384	21.99
11ac VHT20	NSS1-MCS0	64	5320	12.520	12.140	15.34	34.233	21.99
11ac VHT40	NSS1-MCS0	54	5270	14.080	13.970	17.04	50.532	21.99
11ac VHT40	NSS1-MCS0	62	5310	13.910	14.060	17.00	50.072	21.99
11ac VHT80	NSS1-MCS0	58	5290	13.950	13.770	16.87	48.655	21.99
11ax HE20	NSS1-MCS0	52	5260	13.180	12.710	15.96	39.461	21.99
11ax HE20	NSS1-MCS0	60	5300	13.130	12.950	16.05	40.283	21.99
11ax HE20	NSS1-MCS0	64	5320	13.380	13.060	16.23	42.007	21.99
11ax HE40	NSS1-MCS0	54	5270	14.050	13.700	16.89	48.852	21.99
11ax HE40	NSS1-MCS0	62	5310	13.900	13.710	16.82	48.043	21.99
11ax HE80	NSS1-MCS0	58	5290	13.740	13.610	16.69	46.621	21.99

**In the 5.5G Band**

Modulation Type	Data Rate	Channel	Frequency (MHz)	Avg Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
				ANT A	ANT B	A+B	A+B	
11n HT20	MCS 8	100	5500	11.890	11.160	14.55	28.514	22.43
11n HT20	MCS 8	116	5580	12.050	10.890	14.52	28.307	22.43
11n HT20	MCS 8	140	5700	12.430	11.930	15.20	33.094	22.43
11n HT40	MCS 8	102	5510	13.300	13.180	16.25	42.177	22.43
11n HT40	MCS 8	110	5550	13.390	13.020	16.22	41.872	22.43
11n HT40	MCS 8	134	5670	13.570	13.680	16.64	46.086	22.43
11ac VHT20	NSS1-MCS0	100	5500	12.000	11.210	14.63	29.062	22.43
11ac VHT20	NSS1-MCS0	110	5550	12.190	11.060	14.67	29.322	22.43
11ac VHT20	NSS1-MCS0	140	5700	12.550	12.070	15.33	34.095	22.43
11ac VHT40	NSS1-MCS0	102	5510	13.400	13.360	16.39	43.555	22.43
11ac VHT40	NSS1-MCS0	110	5550	13.560	13.120	16.36	43.210	22.43
11ac VHT40	NSS1-MCS0	134	5670	13.790	13.790	16.80	47.866	22.43
11ac VHT80	NSS1-MCS0	106	5530	13.330	12.770	16.07	40.451	22.43
11ac VHT80	NSS1-MCS0	122	5610	13.700	13.100	16.42	43.860	22.43
11ac VHT160	NSS1-MCS0	114	5570	13.820	13.260	16.56	45.283	22.43
11ax HE20	NSS1-MCS0	100	5500	12.520	12.120	15.33	34.158	22.43
11ax HE20	NSS1-MCS0	116	5580	12.680	11.980	15.35	34.311	22.43
11ax HE20	NSS1-MCS0	140	5700	13.100	13.010	16.07	40.416	22.43
11ax HE40	NSS1-MCS0	102	5510	13.320	13.030	16.19	41.569	22.43
11ax HE40	NSS1-MCS0	110	5550	13.490	12.820	16.18	41.478	22.43
11ax HE40	NSS1-MCS0	134	5670	13.890	13.500	16.71	46.878	22.43
11ax HE80	NSS1-MCS0	106	5530	13.090	12.580	15.85	38.484	22.43
11ax HE80	NSS1-MCS0	122	5610	13.490	12.810	16.17	41.434	22.43
11ax HE160	NSS1-MCS0	114	5570	13.780	13.280	16.55	45.160	22.43

In the 5.8G Band

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Avg Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
					ANT A	ANT B	A+B	A+B	
11n HT20	MCS 8	17	149	5745	19.720	19.350	22.55	179.85	28.82
11n HT20	MCS 8	17	157	5785	19.660	19.170	22.43	175.07	28.82
11n HT20	MCS 8	17	165	5825	19.000	19.380	22.20	166.12	28.82
11n HT40	MCS 8	17	151	5755	19.760	19.570	22.68	185.19	28.82
11n HT40	MCS 8	17	159	5795	20.350	20.040	23.21	209.31	28.82
11ac VHT20	NSS1-MCS0	17	149	5745	19.820	19.560	22.70	186.30	28.82
11ac VHT20	NSS1-MCS0	17	157	5785	19.760	19.590	22.69	185.61	28.82
11ac VHT20	NSS1-MCS0	17	165	5825	19.920	19.680	22.81	191.07	28.82
11ac VHT40	NSS1-MCS0	17	151	5755	20.070	19.640	22.87	193.67	28.82
11ac VHT40	NSS1-MCS0	17	159	5795	20.540	20.200	23.38	217.95	28.82
11ac VHT80	NSS1-MCS0	17	155	5775	16.850	17.910	20.42	110.21	28.82
11ax HE20	NSS1-MCS0	17	149	5745	19.380	20.160	22.80	190.44	28.82
11ax HE20	NSS1-MCS0	17	157	5785	19.460	20.120	22.81	191.11	28.82
11ax HE20	NSS1-MCS0	17	165	5825	19.490	20.250	22.90	194.84	28.82
11ax HE40	NSS1-MCS0	17	151	5755	19.050	19.520	22.30	169.88	28.82
11ax HE40	NSS1-MCS0	17	159	5795	19.260	20.060	22.69	185.72	28.82
11ax HE80	NSS1-MCS0	17	155	5775	16.760	17.670	20.25	105.90	28.82

**Straddle Channels (Within 5470-5725MHz band)**

Modulation Type	Data Rate	Setting	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT B					
11n HT20	MCS8	19	5720	13.25	13.46	16.37	0.00	43.317	16.37	22.43
11n HT40	MCS8	20	5710	14.11	13.67	16.91	0.00	49.044	16.91	22.43
11ac VHT20	NSS1-MCS0	19	5720	13.38	13.85	16.63	0.00	46.043	16.63	22.43
11ac VHT40	NSS1-MCS0	20	5710	14.24	13.85	17.06	0.00	50.812	17.06	22.43
11ac VHT80	NSS1-MCS0	20	5690	16.73	16.57	19.66	0.00	92.492	19.66	22.43
11ax HE20	NSS1-MCS0	19	5720	14.12	13.76	16.95	0.00	49.591	16.95	22.43
11ax HE40	NSS1-MCS0	20	5710	14.12	13.83	16.99	0.00	49.977	16.99	22.43
11ax HE80	NSS1-MCS0	20	5690	16.55	16.39	19.48	0.00	88.737	19.48	22.43

Straddle Channels (Extends across 5725MHz band)

Modulation Type	Data Rate	Setting	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT B					
11n HT20	MCS8	19	5720	6.17	5.05	8.66	0.00	7.339	8.66	28.82
11n HT40	MCS8	20	5710	2.03	1.61	4.84	0.00	3.045	4.84	28.82
11ac VHT20	NSS1-MCS0	19	5720	6.27	5.16	8.76	0.00	7.517	8.76	28.82
11ac VHT40	NSS1-MCS0	20	5710	2.11	1.72	4.93	0.00	3.111	4.93	28.82
11ac VHT80	NSS1-MCS0	20	5690	0.48	1.11	3.82	0.00	2.408	3.82	28.82
11ax HE20	NSS1-MCS0	19	5720	6.17	5.05	8.66	0.00	7.339	8.66	28.82
11ax HE40	NSS1-MCS0	20	5710	2.03	1.61	4.84	0.00	3.045	4.84	28.82
11ax HE80	NSS1-MCS0	20	5690	1.12	1.03	4.09	0.00	2.562	4.09	28.82



11. Maximum Power Spectral Density

11.1. Test Limit

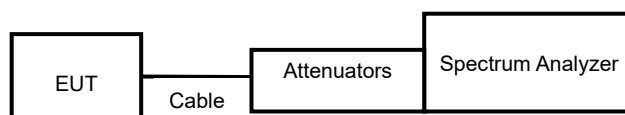
PSD:

Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	17 dBm/MHz
☐	Indoor access point	17 dBm/MHz
☐	Fixed point-to-point access points	17 dBm/MHz
☒	client devices	11 dBm/MHz
☒	5.250~5.350 GHz	11 dBm/MHz
☒	5.470~5.725 GHz	11 dBm/MHz
☒	5.725~5.85 GHz	30 dBm/500kHz

11.2. Test Procedure

Reference to KDB789033 v02r01 General UNII Test Procedures New Rules.

11.3. Test Setup Layout





11.4. Test Result and Data

SISO-ANT A

In the 5.2G Band

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	36	5180	3.22	0.00	3.22	11.00
11a	44	5220	3.32	0.00	3.32	11.00
11a	48	5240	3.62	0.00	3.62	11.00
11ac VHT20	36	5180	3.05	0.00	3.05	11.00
11ac VHT20	44	5220	3.41	0.00	3.41	11.00
11ac VHT20	48	5240	3.44	0.00	3.44	11.00
11ac VHT40	38	5190	0.16	0.00	0.16	11.00
11ac VHT40	46	5230	1.11	0.00	1.11	11.00
11ac VHT20	42	5210	-2.31	0.00	-2.31	11.00
11ac VHT160	50	5250	-2.41	0.00	-2.41	11.00
11ax HE20	36	5180	3.39	0.00	3.39	11.00
11ax HE20	44	5220	3.80	0.00	3.80	11.00
11ax HE20	48	5240	3.68	0.00	3.68	11.00
11ax HE40	38	5190	0.25	0.00	0.25	11.00
11ax HE40	46	5230	0.29	0.00	0.29	11.00
11axHE80	42	5210	-2.63	0.00	-2.63	11.00
11ax HE160	50	5250	-2.10	0.00	-2.10	11.00

In the 5.3G Band

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	52	5260	3.70	0.00	3.70	10.92
11a	60	5300	3.44	0.00	3.44	10.92
11a	64	5320	3.86	0.00	3.86	10.92
11ac VHT20	52	5260	3.70	0.00	3.70	10.92
11ac VHT20	60	5300	3.53	0.00	3.53	10.92
11ac VHT20	64	5320	3.41	0.00	3.41	10.92
11ac VHT40	54	5270	1.49	0.00	1.49	10.92
11ac VHT40	62	5310	0.96	0.00	0.96	10.92
11ac VHT80	58	5290	-2.15	0.00	-2.15	10.92
11ax HE20	52	5260	3.89	0.00	3.89	10.92
11ax HE20	60	5300	3.72	0.00	3.72	10.92
11ax HE20	64	5320	3.82	0.00	3.82	10.92
11ax HE40	54	5270	0.62	0.00	0.62	10.92
11ax HE40	62	5310	0.65	0.00	0.65	10.92
11ax HE80	58	5290	-2.66	0.00	-2.66	10.92

**In the 5.5G Band**

Modulation Type	CH	Freq. (MHz)	Meas PPSP (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSP (dBm/MHz)	PPSP Limit (dBm/MHz)
11a	100	5500	2.67	0.00	2.67	11.00
11a	116	5580	3.18	0.00	3.18	11.00
11a	140	5700	3.68	0.00	3.68	11.00
11a	144	5720	6.83	0.00	6.83	11.00
11ac VHT20	100	5500	3.04	0.00	3.04	11.00
11ac VHT20	116	5580	3.14	0.00	3.14	11.00
11ac VHT20	140	5700	3.40	0.00	3.40	11.00
11ac VHT20	144	5720	6.76	0.00	6.76	11.00
11ac VHT40	102	5510	0.58	0.00	0.58	11.00
11ac VHT40	110	5550	0.37	0.00	0.37	11.00
11ac VHT40	134	5670	0.63	0.00	0.63	11.00
11ac VHT40	142	5710	3.17	0.00	3.17	11.00
11ac VHT80	106	5530	-2.69	0.00	-2.69	11.00
11acVHT80	122	5610	-2.56	0.00	-2.56	11.00
11ac VHT80	138	5690	1.21	0.00	1.21	11.00
11acVHT160	114	5570	-2.52	0.00	-2.52	11.00
11ax HE20	100	5500	3.39	0.00	3.39	11.00
11ax HE20	116	5580	3.73	0.00	3.73	11.00
11ax HE20	140	5700	3.72	0.00	3.72	11.00
11ax HE20	144	5720	6.41	0.00	6.41	11.00
11ax HE40	102	5510	-0.13	0.00	-0.13	11.00
11ax HE40	110	5550	0.11	0.00	0.11	11.00
11ax HE40	134	5670	0.53	0.00	0.53	11.00
11ax HE40	142	5710	3.81	0.00	3.81	11.00
11ax HE80	106	5530	-3.03	0.00	-3.03	11.00
11acVHT80	122	5610	-2.52	0.00	-2.52	11.00
11ax HE80	138	5690	0.15	0.00	0.15	11.00
11acVHT160	114	5570	-2.80	0.00	-2.80	11.00

In the 5.8G Band

Modulation Type	CH	Freq. (MHz)	Meas PPSP (dBm/MHz)	Duty Cycle CF(dB)	10log (500KHz/RBW) CF (dB)	Total Corr'd PPSP (dBm/500kHz)	PPSP Limit (dBm/500kHz)
11a	149	5745	7.75	0.00	-3.01	4.74	30.00
11a	157	5785	7.80	0.00	-3.01	4.79	30.00
11a	165	5825	7.43	0.00	-3.01	4.42	30.00
11ac VHT20	149	5745	7.36	0.00	-3.01	4.35	30.00
11ac VHT20	157	5785	7.25	0.00	-3.01	4.24	30.00
11ac VHT20	165	5825	7.32	0.00	-3.01	4.30	30.00
11ac VHT40	151	5755	4.59	0.00	-3.01	1.58	30.00
11ac VHT40	159	5795	4.62	0.00	-3.01	1.61	30.00
11ac VHT80	155	5775	1.58	0.00	-3.01	-1.43	30.00
11ax HE20	149	5745	7.42	0.00	-3.01	4.41	30.00
11ax HE20	157	5785	7.38	0.00	-3.01	4.36	30.00
11ax HE20	165	5825	7.18	0.00	-3.01	4.17	30.00
11ax HE40	151	5755	4.28	0.00	-3.01	1.27	30.00
11ax HE40	159	5795	4.28	0.00	-3.01	1.27	30.00
11ax HE80	155	5775	1.22	0.00	-3.01	-1.79	30.00

**SISO-ANT B****In the 5.2G Band**

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	36	5180	2.89	0.00	2.89	11.00
11a	44	5220	3.11	0.00	3.11	11.00
11a	48	5240	3.12	0.00	3.12	11.00
11ac VHT20	36	5180	2.85	0.00	2.85	11.00
11ac VHT20	44	5220	2.86	0.00	2.86	11.00
11ac VHT20	48	5240	3.09	0.00	3.09	11.00
11ac VHT40	38	5190	0.67	0.00	0.67	11.00
11ac VHT40	46	5230	0.85	0.00	0.85	11.00
11ac VHT80	42	5210	-2.43	0.00	-2.43	11.00
11ac VHT160	50	5250	-2.44	0.00	-2.44	11.00
11ax HE20	36	5180	3.07	0.00	3.07	11.00
11ax HE20	44	5220	3.18	0.00	3.18	11.00
11ax HE20	48	5240	3.41	0.00	3.41	11.00
11ax HE40	38	5190	0.22	0.00	0.22	11.00
11ax HE40	46	5230	0.63	0.00	0.63	11.00
11ax HE80	42	5210	-2.83	0.00	-2.83	11.00
11ax HE160	50	5250	-2.30	0.00	-2.30	11.00

In the 5.3G Band

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	52	5260	3.26	0.00	3.26	11.00
11a	60	5300	3.30	0.00	3.30	11.00
11a	64	5320	3.54	0.00	3.54	11.00
11ac VHT20	52	5260	3.62	0.00	3.62	11.00
11ac VHT20	60	5300	3.05	0.00	3.05	11.00
11ac VHT20	64	5320	3.63	0.00	3.63	11.00
11ac VHT40	54	5270	0.92	0.00	0.92	11.00
11ac VHT40	62	5310	1.24	0.00	1.24	11.00
11ac VHT80	58	5290	-2.09	0.00	-2.09	11.00
11ax HE20	52	5260	3.49	0.00	3.49	11.00
11ax HE20	60	5300	3.75	0.00	3.75	11.00
11ax HE20	64	5320	3.71	0.00	3.71	11.00
11ax HE40	54	5270	0.82	0.00	0.82	11.00
11ax HE40	62	5310	0.71	0.00	0.71	11.00
11ax HE80	58	5290	-2.36	0.00	-2.36	11.00

**In the 5.5G Band**

Modulation Type	CH	Freq. (MHz)	Meas PPSP (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSP (dBm/MHz)	PPSP Limit (dBm/MHz)
11a	100	5500	2.81	0.00	2.81	11.00
11a	116	5580	2.41	0.00	2.41	11.00
11a	140	5700	3.44	0.00	3.44	11.00
11a	144	5720	6.98	0.00	6.98	11.00
11ac VHT20	100	5500	2.64	0.00	2.64	11.00
11ac VHT20	116	5580	2.14	0.00	2.14	11.00
11ac VHT20	140	5700	2.94	0.00	2.94	11.00
11ac VHT20	144	5720	6.96	0.00	6.96	11.00
11ac VHT40	102	5510	0.51	0.00	0.51	11.00
11ac VHT40	110	5550	0.20	0.00	0.20	11.00
11ac VHT40	134	5670	0.95	0.00	0.95	11.00
11ac VHT40	142	5710	3.49	0.00	3.49	11.00
11ac VHT80	106	5530	-2.98	0.00	-2.98	11.00
11acVHT80	122	5610	-2.84	0.00	-2.84	11.00
11ac VHT80	138	5690	0.16	0.00	0.16	11.00
11acVHT160	114	5570	-2.70	0.00	-2.70	11.00
11ax HE20	100	5500	3.05	0.00	3.05	11.00
11ax HE20	116	5580	2.71	0.00	2.71	11.00
11ax HE20	140	5700	3.40	0.00	3.40	11.00
11ax HE20	144	5720	6.14	0.00	6.14	11.00
11ax HE40	102	5510	0.02	0.00	0.02	11.00
11ax HE40	110	5550	-0.22	0.00	-0.22	11.00
11ax HE40	134	5670	0.66	0.00	0.66	11.00
11ax HE40	142	5710	3.67	0.00	3.67	11.00
11ax HE80	106	5530	-3.12	0.00	-3.12	11.00
11acVHT80	122	5610	-3.26	0.00	-3.26	11.00
11ax HE80	138	5690	-0.13	0.00	-0.13	11.00
11acVHT160	114	5570	-2.71	0.00	-2.71	11.00

In the 5.8G Band

Modulation Type	CH	Freq. (MHz)	Meas PPSP (dBm/MHz)	Duty Cycle CF(dB)	10log (500KHz/RBW) CF (dB)	Total Corr'd PPSP (dBm/500kHz)	PPSP Limit (dBm/500kHz)
11a	149	5745	7.42	0.00	-3.01	4.41	30.00
11a	157	5785	7.51	0.00	-3.01	4.50	30.00
11a	165	5825	7.55	0.00	-3.01	4.53	30.00
11ac VHT20	149	5745	7.10	0.00	-3.01	4.09	30.00
11ac VHT20	157	5785	7.17	0.00	-3.01	4.16	30.00
11ac VHT20	165	5825	7.09	0.00	-3.01	4.08	30.00
11ac VHT40	151	5755	4.38	0.00	-3.01	1.37	30.00
11ac VHT40	159	5795	4.47	0.00	-3.01	1.46	30.00
11ac VHT80	155	5775	1.28	0.00	-3.01	-1.73	30.00
11ax HE20	149	5745	7.14	0.00	-3.01	4.13	30.00
11ax HE20	157	5785	7.39	0.00	-3.01	4.38	30.00
11ax HE20	165	5825	7.34	0.00	-3.01	4.33	30.00
11ax HE40	151	5755	3.30	0.00	-3.01	0.29	30.00
11ax HE40	159	5795	4.04	0.00	-3.01	1.03	30.00
11ax HE80	155	5775	1.16	0.00	-3.01	-1.85	30.00

**MIMO****In the 5.2G Band**

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)		Sum chain (dBm)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
			ANT A	ANT B				
11ac VHT20	36	5180	-1.508	-1.844	1.34	0.00	1.34	9.28
11ac VHT20	44	5220	-1.046	-1.711	1.64	0.00	1.64	9.28
11ac VHT20	48	5240	-0.983	-1.626	1.72	0.00	1.72	9.28
11ac VHT40	38	5190	-2.122	-2.732	0.59	0.00	0.59	9.28
11ac VHT40	46	5230	-1.725	-2.545	0.89	0.00	0.89	9.28
11ac VHT80	42	5210	-3.067	-3.248	-0.15	0.00	-0.15	9.28
11ac VHT160	50	5250	-5.260	-5.603	-2.42	0.00	-2.42	9.28
11ax HE20	36	5180	-1.626	-1.862	1.27	0.00	1.27	9.28
11ax HE20	44	5220	-1.450	-1.377	1.60	0.00	1.60	9.28
11ax HE20	48	5240	-1.356	-1.517	1.57	0.00	1.57	9.28
11ax HE40	38	5190	-2.213	-3.039	0.40	0.00	0.40	9.28
11ax HE40	46	5230	-2.011	-2.701	0.67	0.00	0.67	9.28
11ax HE80	42	5210	-3.194	-3.518	-0.34	0.00	-0.34	9.28
11ax HE160	50	5250	-5.246	-5.914	-2.56	0.00	-2.56	9.28

In the 5.3G Band

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)		Sum chain (dBm)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
			ANT A	ANT B				
11ac VHT20	52	5260	1.55	1.40	4.49	0.00	4.49	9.07
11ac VHT20	60	5300	1.63	1.53	4.59	0.00	4.59	9.07
11ac VHT20	64	5320	1.62	1.61	4.62	0.00	4.62	9.07
11ac VHT40	54	5270	1.06	0.21	3.67	0.00	3.67	9.07
11ac VHT40	62	5310	0.71	0.39	3.56	0.00	3.56	9.07
11ac VHT80	58	5290	-2.65	-2.90	0.23	0.00	0.23	9.07
11ax HE20	52	5260	2.06	1.32	4.72	0.00	4.72	9.07
11ax HE20	60	5300	2.13	1.38	4.78	0.00	4.78	9.07
11ax HE20	64	5320	1.78	1.66	4.73	0.00	4.73	9.07
11ax HE40	54	5270	0.20	-0.10	3.06	0.00	3.06	9.07
11ax HE40	62	5310	0.19	0.06	3.13	0.00	3.13	9.07
11ax HE80	58	5290	-2.87	3.26	4.21	0.00	4.21	9.07



In the 5.5G Band

Modulation Type	CH	Freq. (MHz)	Meas PPST (dBm/MHz)		Sum chain (dBm)	Duty Cycle CF(dB)	Total Corr'd PPST (dBm/MHz)	PPST Limit (dBm/MHz)
			ANT A	ANT B				
11ac VHT20	100	5500	0.83	0.78	3.81	0.00	3.81	9.43
11ac VHT20	116	5580	0.97	0.64	3.82	0.00	3.82	9.43
11ac VHT20	140	5700	1.64	1.55	4.61	0.00	4.61	9.43
11ac VHT20	144	5720	4.06	3.72	6.90	0.00	6.90	9.43
11ac VHT40	102	5510	0.08	-0.34	2.89	0.00	2.89	9.43
11ac VHT40	110	5550	0.07	-0.58	2.76	0.00	2.76	9.43
11ac VHT40	134	5670	0.52	0.16	3.35	0.00	3.35	9.43
11ac VHT40	142	5710	1.01	0.40	3.72	0.00	3.72	9.43
11ac VHT80	106	5530	-3.21	-3.93	-0.54	0.00	-0.54	9.43
11ac VHT80	122	5610	-2.89	-3.72	-0.27	0.00	-0.27	9.43
11ac VHT80	138	5690	-1.60	-2.27	1.09	0.00	1.09	9.43
11ac VHT160	114	5570	-6.01	-5.95	-2.97	0.00	-2.97	9.43
11ax HE20	100	5500	1.40	0.93	4.18	0.00	4.18	9.43
11ax HE20	116	5580	1.70	0.64	4.21	0.00	4.21	9.43
11ax HE20	140	5700	1.87	1.55	4.72	0.00	4.72	9.43
11ax HE20	144	5720	4.08	3.67	6.89	0.00	6.89	9.43
11ax HE40	102	5510	-0.24	-0.77	2.51	0.00	2.51	9.43
11ax HE40	110	5550	-0.18	-1.06	2.41	0.00	2.41	9.43
11ax HE40	134	5670	0.41	-0.37	3.05	0.00	3.05	9.43
11ax HE40	142	5710	0.69	0.56	3.63	0.00	3.63	9.43
11ax HE80	106	5530	-3.54	-4.23	-0.86	0.00	-0.86	9.43
11ax HE80	122	5610	-3.16	-3.97	-0.54	0.00	-0.54	9.43
11ax HE80	138	5690	-1.75	-2.56	0.88	0.00	0.88	9.43
11ax HE160	114	5570	-5.70	-5.92	-2.80	0.00	-2.80	9.43

In the 5.8G Band

Modulation Type	CH	Freq. (MHz)	Meas PPST (dBm/MHz)		Sum chain (dBm)	Duty Cycle CF(dB)	10log(500K Hz/RBW) CF (dB)	Total Corr'd PPST (dBm/500kHz)	PPST Limit (dBm/500kHz)
			ANT A	ANT B					
11ac VHT20	149	5745	4.37	3.92	7.16	0.00	-3.01	4.15	28.82
11ac VHT20	157	5785	4.32	3.90	7.12	0.00	-3.01	4.11	28.82
11ac VHT20	165	5825	4.24	4.13	7.20	0.00	-3.01	4.19	28.82
11ac VHT40	151	5755	1.46	1.18	4.33	0.00	-3.01	1.32	28.82
11ac VHT40	159	5795	1.47	1.22	4.36	0.00	-3.01	1.35	28.82
11ac VHT80	155	5775	-1.55	-1.69	1.39	0.00	-3.01	-1.62	28.82
11ax HE20	149	5745	4.17	3.87	7.03	0.00	-3.01	4.02	28.82
11ax HE20	157	5785	4.29	4.16	7.24	0.00	-3.01	4.23	28.82
11ax HE20	165	5825	4.23	4.30	7.27	0.00	-3.01	4.26	28.82
11ax HE40	151	5755	1.19	0.76	3.99	0.00	-3.01	0.98	28.82
11ax HE40	159	5795	1.32	0.86	4.10	0.00	-3.01	1.09	28.82
11ax HE80	155	5775	-1.65	-2.05	1.17	0.00	-3.01	-1.84	28.82