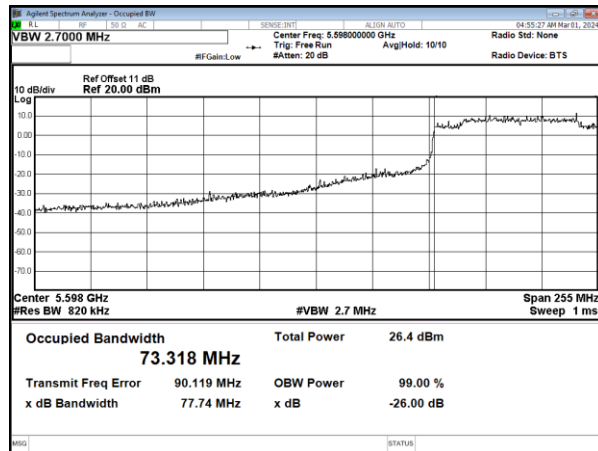




26dB Bandwidth &99% Occupied Bandwidth, Within 5470-5725MHz band

Modulation Standard: 802.11 ax HE80 (30.6Mbps)

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.



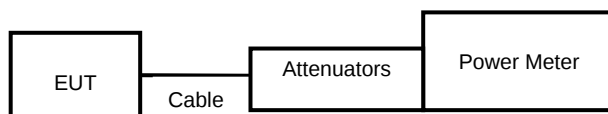
Frequency Band		Limit
☒	5.25-5.35 GHz	The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, 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	16.22	41.860	24.00
11a	6 Mbps	44	5220	16.25	42.179	24.00
11a	6 Mbps	48	5240	16.13	41.002	24.00
11n HT20	MCS 0	36	5180	15.69	37.068	24.00
11n HT20	MCS 0	44	5220	15.97	39.537	24.00
11n HT20	MCS 0	48	5240	15.87	38.637	24.00
11n HT40	MCS 0	38	5190	15.89	38.815	24.00
11n HT40	MCS 0	46	5230	15.93	39.174	24.00
11ac VHT20	NSS1-MCS0	36	5180	15.89	38.815	24.00
11ac VHT20	NSS1-MCS0	44	5220	16.06	40.365	24.00
11ac VHT20	NSS1-MCS0	48	5240	15.91	38.994	24.00
11ac VHT40	NSS1-MCS0	38	5190	15.96	39.446	24.00
11ac VHT40	NSS1-MCS0	46	5230	15.92	39.084	24.00
11ac VHT80	NSS1-MCS0	42	5210	15.68	36.983	24.00
802.11ax HE20	NSS1-MCS0	36	5180	16.24	42.073	24.00
802.11ax HE20	NSS1-MCS0	40	5200	16.18	41.495	24.00
802.11ax HE20	NSS1-MCS0	48	5240	16.12	40.926	24.00
802.11ax HE40	NSS1-MCS0	38	5190	15.05	31.989	24.00
802.11ax HE40	NSS1-MCS0	46	5230	15.11	32.434	24.00
802.11ax HE80	NSS1-MCS0	42	5210	15.79	37.931	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	17.68	58.614	24.00
11a	6 Mbps	60	5300	17.77	59.841	24.00
11a	6 Mbps	64	5320	17.56	57.016	24.00
11n HT20	MCS 0	52	5260	17.54	56.754	24.00
11n HT20	MCS 0	60	5300	16.46	44.259	24.00
11n HT20	MCS 0	64	5320	16.53	44.978	24.00
11n HT40	MCS 0	54	5270	18.47	70.307	24.00
11n HT40	MCS 0	62	5310	18.23	66.527	24.00
11ac VHT20	NSS1-MCS0	52	5260	18.08	64.269	24.00
11ac VHT20	NSS1-MCS0	60	5300	17.62	57.810	24.00
11ac VHT20	NSS1-MCS0	64	5320	16.76	47.424	24.00
11ac VHT40	NSS1-MCS0	54	5270	18.38	68.865	24.00
11ac VHT40	NSS1-MCS0	62	5310	18.62	72.778	24.00
11ac VHT80	NSS1-MCS0	58	5290	17.47	55.847	24.00
802.11ax HE20	NSS1-MCS0	52	5260	17.11	51.404	24.00
802.11ax HE20	NSS1-MCS0	60	5300	16.28	42.462	24.00
802.11ax HE20	NSS1-MCS0	64	5320	16.13	41.020	24.00
802.11ax HE40	NSS1-MCS0	54	5270	15.07	32.137	24.00
802.11ax HE40	NSS1-MCS0	62	5310	15.25	33.497	24.00
802.11ax HE80	NSS1-MCS0	58	5290	16.39	43.551	24.00



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	17.32	53.951	24.00
11a	6 Mbps	116	5580	17.89	61.518	24.00
11a	6 Mbps	140	5700	17.62	57.810	24.00
11n HT20	MCS 0	100	5500	16.46	44.259	24.00
11n HT20	MCS 0	116	5580	17.83	60.674	24.00
11n HT20	MCS 0	140	5700	17.72	59.156	24.00
11n HT40	MCS 0	102	5510	17.35	54.325	24.00
11n HT40	MCS 0	110	5550	17.19	52.360	24.00
11n HT40	MCS 0	134	5670	17.42	55.208	24.00
11ac VHT20	NSS1-MCS0	100	5500	16.32	42.855	24.00
11ac VHT20	NSS1-MCS0	118	5590	18.06	63.973	24.00
11ac VHT20	NSS1-MCS0	140	5700	17.88	61.376	24.00
11ac VHT40	NSS1-MCS0	102	5510	17.59	57.412	24.00
11ac VHT40	NSS1-MCS0	110	5550	16.72	46.989	24.00
11ac VHT40	NSS1-MCS0	134	5670	17.36	54.450	24.00
11ac VHT80	NSS1-MCS0	106	5530	15.54	35.810	24.00
11ac VHT80	NSS1-MCS0	122	5610	16.87	48.641	24.00
11ax HE20	NSS1-MCS0	100	5500	15.69	37.068	24.00
11ax HE20	NSS1-MCS0	116	5580	17.32	53.951	24.00
11ax HE20	NSS1-MCS0	140	5700	16.28	42.462	24.00
11ax HE40	NSS1-MCS0	102	5510	16.16	41.305	24.00
11ax HE40	NSS1-MCS0	110	5550	15.57	36.058	24.00
11ax HE40	NSS1-MCS0	134	5670	16.16	41.305	24.00
11ax HE80	NSS1-MCS0	106	5530	14.76	29.923	24.00
11ax HE80	NSS1-MCS0	122	5610	16.03	40.087	24.00

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	17.18	52.240	30.00
11a	6 Mbps	157	5785	17.17	52.119	30.00
11a	6 Mbps	165	5825	17.26	53.211	30.00
11n HT20	MCS 0	149	5745	17.17	52.119	30.00
11n HT20	MCS 0	157	5785	17.42	55.208	30.00
11n HT20	MCS 0	165	5825	16.38	43.451	30.00
11n HT40	MCS 0	151	5755	17.63	57.943	30.00
11n HT40	MCS 0	159	5795	18.16	65.464	30.00
11ac VHT20	NSS1-MCS0	149	5745	17.11	51.404	30.00
11ac VHT20	NSS1-MCS0	157	5785	17.37	54.576	30.00
11ac VHT20	NSS1-MCS0	165	5825	17.25	53.088	30.00
11ac VHT40	NSS1-MCS0	151	5755	17.65	58.210	30.00
11ac VHT40	NSS1-MCS0	159	5795	18.39	69.024	30.00
11ac VHT80	NSS1-MCS0	155	5775	15.43	34.914	30.00
11ax HE20	NSS1-MCS0	149	5745	16.36	43.251	30.00
11ax HE20	NSS1-MCS0	157	5785	16.53	44.978	30.00
11ax HE20	NSS1-MCS0	165	5825	16.05	40.272	30.00
11ax HE40	NSS1-MCS0	151	5755	16.31	42.756	30.00
11ax HE40	NSS1-MCS0	159	5795	16.95	49.545	30.00
11ax HE80	NSS1-MCS0	155	5775	16.12	40.926	30.00

**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	16.35	16.35	43.152	16.35	24.00
11n HT20	MCS0	5720	15.73	15.73	37.411	15.73	24.00
11n HT40	MCS0	5710	16.19	16.19	41.591	16.19	24.00
11ac VHT20	NSS1-MCS0	5720	15.86	15.86	38.548	15.86	24.00
11ac VHT40	NSS1-MCS0	5710	16.91	16.91	49.091	16.91	24.00
11ac VHT80	NSS1-MCS0	5690	16.52	16.52	44.875	16.52	24.00
11ax HE20	NSS1-MCS0	5720	15.65	15.65	36.728	15.65	24.00
11ax HE40	NSS1-MCS0	5710	16.39	16.39	43.551	16.39	24.00
11ax HE80	NSS1-MCS0	5690	16.18	16.18	41.495	16.18	24.00

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	7.69	7.69	5.875	7.69	30.00
11n HT20	MCS0	5720	8.03	8.03	6.353	8.03	30.00
11n HT40	MCS0	5710	3.62	3.62	2.301	3.62	30.00
11ac VHT20	NSS1-MCS0	5720	8.22	8.22	6.637	8.22	30.00
11ac VHT40	NSS1-MCS0	5710	3.93	3.93	2.472	3.93	30.00
11ac VHT80	NSS1-MCS0	5690	-0.32	-0.32	0.929	-0.32	30.00
11ax HE20	NSS1-MCS0	5720	8.43	8.43	6.966	8.43	30.00
11ax HE40	NSS1-MCS0	5710	4.21	4.21	2.636	4.21	30.00
11ax HE80	NSS1-MCS0	5690	0.05	0.05	1.012	0.05	30.00



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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	15.49	35.400	24.00
11a	6 Mbps	44	5220	15.62	36.475	24.00
11a	6 Mbps	48	5240	15.57	36.058	24.00
11n HT20	MCS 0	36	5180	15.38	34.514	24.00
11n HT20	MCS 0	44	5220	15.56	35.975	24.00
11n HT20	MCS 0	48	5240	15.44	34.995	24.00
11n HT40	MCS 0	38	5190	15.16	32.810	24.00
11n HT40	MCS 0	46	5230	15.09	32.285	24.00
11ac VHT20	NSS1-MCS0	36	5180	15.41	34.754	24.00
11ac VHT20	NSS1-MCS0	44	5220	15.54	35.810	24.00
11ac VHT20	NSS1-MCS0	48	5240	15.56	35.975	24.00
11ac VHT40	NSS1-MCS0	38	5190	14.72	29.648	24.00
11ac VHT40	NSS1-MCS0	46	5230	15.05	31.989	24.00
11ac VHT80	NSS1-MCS0	42	5210	15.08	32.211	24.00
802.11ax HE20	NSS1-MCS0	36	5180	15.51	35.563	24.00
802.11ax HE20	NSS1-MCS0	40	5200	15.52	35.645	24.00
802.11ax HE20	NSS1-MCS0	48	5240	15.64	36.644	24.00
802.11ax HE40	NSS1-MCS0	38	5190	15.39	34.594	24.00
802.11ax HE40	NSS1-MCS0	46	5230	15.43	34.914	24.00
802.11ax HE80	NSS1-MCS0	42	5210	15.52	35.645	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	17.83	60.674	24.00
11a	6 Mbps	60	5300	17.68	58.614	24.00
11a	6 Mbps	64	5320	17.73	59.293	24.00
11n HT20	MCS 0	52	5260	17.69	58.749	24.00
11n HT20	MCS 0	60	5300	17.28	53.456	24.00
11n HT20	MCS 0	64	5320	17.06	50.816	24.00
11n HT40	MCS 0	54	5270	14.45	27.861	24.00
11n HT40	MCS 0	62	5310	14.96	31.333	24.00
11ac VHT20	NSS1-MCS0	52	5260	17.88	61.376	24.00
11ac VHT20	NSS1-MCS0	60	5300	17.54	56.754	24.00
11ac VHT20	NSS1-MCS0	64	5320	17.61	57.677	24.00
11ac VHT40	NSS1-MCS0	54	5270	14.76	29.923	24.00
11ac VHT40	NSS1-MCS0	62	5310	15.11	32.434	24.00
11ac VHT80	NSS1-MCS0	58	5290	16.26	42.267	24.00
802.11ax HE20	NSS1-MCS0	52	5260	17.62	57.810	24.00
802.11ax HE20	NSS1-MCS0	60	5300	17.06	50.816	24.00
802.11ax HE20	NSS1-MCS0	64	5320	16.86	48.529	24.00
802.11ax HE40	NSS1-MCS0	54	5270	15.55	35.892	24.00
802.11ax HE40	NSS1-MCS0	62	5310	15.71	37.239	24.00
802.11ax HE80	NSS1-MCS0	58	5290	16.79	47.753	24.00



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	16.53	44.978	24.00
11a	6 Mbps	116	5580	17.49	56.105	24.00
11a	6 Mbps	140	5700	16.24	42.073	24.00
11n HT20	MCS 0	100	5500	16.18	41.495	24.00
11n HT20	MCS 0	116	5580	17.32	53.951	24.00
11n HT20	MCS 0	140	5700	16.06	40.365	24.00
11n HT40	MCS 0	102	5510	16.19	41.591	24.00
11n HT40	MCS 0	110	5550	15.46	35.156	24.00
11n HT40	MCS 0	134	5670	16.48	44.463	24.00
11ac VHT20	NSS1-MCS0	100	5500	16.29	42.560	24.00
11ac VHT20	NSS1-MCS0	118	5590	17.65	58.210	24.00
11ac VHT20	NSS1-MCS0	140	5700	16.09	40.644	24.00
11ac VHT40	NSS1-MCS0	102	5510	16.86	48.529	24.00
11ac VHT40	NSS1-MCS0	110	5550	15.56	35.975	24.00
11ac VHT40	NSS1-MCS0	134	5670	16.42	43.853	24.00
11ac VHT80	NSS1-MCS0	106	5530	14.61	28.907	24.00
11ac VHT80	NSS1-MCS0	122	5610	15.47	35.237	24.00
11ax HE20	NSS1-MCS0	110	5500	16.28	42.462	24.00
11ax HE20	NSS1-MCS0	116	5580	17.46	55.719	24.00
11ax HE20	NSS1-MCS0	140	5700	16.28	42.462	24.00
11ax HE40	NSS1-MCS0	102	5510	17.45	55.590	24.00
11ax HE40	NSS1-MCS0	110	5550	16.37	43.351	24.00
11ax HE40	NSS1-MCS0	134	5670	17.16	52.000	24.00
11ax HE80	NSS1-MCS0	106	5530	15.52	35.645	24.00
11ax HE80	NSS1-MCS0	122	5610	16.41	43.752	24.00

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	17.23	52.845	30.00
11a	6 Mbps	157	5785	17.51	56.364	30.00
11a	6 Mbps	165	5825	17.58	57.280	30.00
11n HT20	MCS 0	149	5745	16.42	43.853	30.00
11n HT20	MCS 0	157	5785	16.72	46.989	30.00
11n HT20	MCS 0	165	5825	17.83	60.674	30.00
11n HT40	MCS 0	151	5755	16.18	41.495	30.00
11n HT40	MCS 0	159	5795	17.03	50.466	30.00
11ac VHT20	NSS1-MCS0	149	5745	16.73	47.098	30.00
11ac VHT20	NSS1-MCS0	157	5785	16.68	46.559	30.00
11ac VHT20	NSS1-MCS0	165	5825	17.88	61.376	30.00
11ac VHT40	NSS1-MCS0	151	5755	16.26	42.267	30.00
11ac VHT40	NSS1-MCS0	159	5795	17.05	50.699	30.00
11ac VHT80	NSS1-MCS0	155	5775	15.43	34.914	30.00
11ax HE20	NSS1-MCS0	149	5745	16.05	40.272	30.00
11ax HE20	NSS1-MCS0	157	5785	16.89	48.865	30.00
11ax HE20	NSS1-MCS0	165	5825	17.12	51.523	30.00
11ax HE40	NSS1-MCS0	151	5755	17.06	50.816	30.00
11ax HE40	NSS1-MCS0	159	5795	17.73	59.293	30.00
11ax HE80	NSS1-MCS0	155	5775	15.59	36.224	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	16.53	16.53	44.978	16.53	24.00
11n HT20	MCS0	19	5720	16.06	16.06	40.365	16.06	24.00
11n HT40	MCS0	20	5710	17.12	17.12	51.523	17.12	24.00
11ac VHT20	NSS1-MCS0	19	5720	16.35	16.35	43.152	16.35	24.00
11ac VHT40	NSS1-MCS0	20	5710	17.08	17.08	51.050	17.08	24.00
11ac VHT80	NSS1-MCS0	20	5690	17.03	17.03	50.466	17.03	24.00
11ax HE20	NSS1-MCS0	19	5720	16.01	16.01	39.902	16.01	24.00
11ax HE40	NSS1-MCS0	20	5710	16.63	16.63	46.026	16.63	24.00
11ax HE80	NSS1-MCS0	20	5690	16.71	16.71	46.881	16.71	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	7.83	7.83	6.067	7.83	30.00
11n HT20	MCS0	19	5720	8.24	8.24	6.668	8.24	30.00
11n HT40	MCS0	20	5710	4.16	4.16	2.606	4.16	30.00
11ac VHT20	NSS1-MCS0	19	5720	8.26	8.26	6.699	8.26	30.00
11ac VHT40	NSS1-MCS0	20	5710	4.14	4.14	2.594	4.14	30.00
11ac VHT80	NSS1-MCS0	20	5690	-0.05	-0.05	0.989	-0.05	30.00
11ax HE20	NSS1-MCS0	19	5720	8.37	8.37	6.871	8.37	30.00
11ax HE40	NSS1-MCS0	20	5710	4.34	4.34	2.716	4.34	30.00
11ax HE80	NSS1-MCS0	20	5690	0.53	0.53	1.130	0.53	30.00



11. Maximum Power Spectral Density

11.1. Test Limit

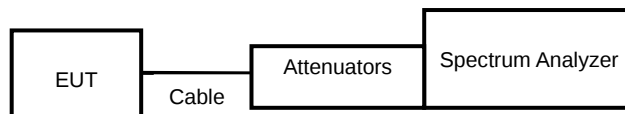
PSD:

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	5.156	0.00	5.16	11.00
11a	44	5220	5.185	0.00	5.19	11.00
11a	48	5240	5.191	0.00	5.19	11.00
11ac VHT20	36	5180	5.108	0.00	5.11	11.00
11ac VHT20	44	5220	5.046	0.00	5.05	11.00
11ac VHT20	48	5240	5.259	0.00	5.26	11.00
11ac VHT40	38	5190	1.147	0.00	1.15	11.00
11ac VHT40	46	5230	1.563	0.00	1.56	11.00
11ac VHT20	42	5210	-1.969	0.00	-1.97	11.00
11ax HE20	36	5180	4.634	0.00	4.63	11.00
11ax HE20	44	5220	4.486	0.00	4.49	11.00
11ax HE20	48	5240	4.711	0.00	4.71	11.00
11ax HE40	38	5190	0.916	0.00	0.92	11.00
11ax HE40	46	5230	0.910	0.00	0.91	11.00
11axHE80	42	5210	-2.286	0.00	-2.29	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	6.923	0.00	6.92	11.00
11a	60	5300	6.660	0.00	6.66	11.00
11a	64	5320	6.001	0.00	6.00	11.00
11ac VHT20	52	5260	6.592	0.00	6.59	11.00
11ac VHT20	60	5300	5.890	0.00	5.89	11.00
11ac VHT20	64	5320	5.585	0.00	5.59	11.00
11ac VHT40	54	5270	1.698	0.00	1.70	11.00
11ac VHT40	62	5310	1.869	0.00	1.87	11.00
11ac VHT80	58	5290	-0.108	0.00	-0.11	11.00
11ax HE20	52	5260	6.251	0.00	6.25	11.00
11ax HE20	60	5300	5.836	0.00	5.84	11.00
11ax HE20	64	5320	5.377	0.00	5.38	11.00
11ax HE40	54	5270	1.306	0.00	1.31	11.00
11ax HE40	62	5310	1.499	0.00	1.50	11.00
11ax HE80	58	5290	-0.353	0.00	-0.35	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	5.787	0.00	5.79	10.82
11a	116	5580	7.425	0.00	7.43	10.82
11a	140	5700	7.663	0.00	7.66	10.82
11ac VHT20	100	5500	5.748	0.00	5.75	10.82
11ac VHT20	116	5580	6.833	0.00	6.83	10.82
11ac VHT20	140	5700	7.284	0.00	7.28	10.82
11ac VHT40	102	5510	3.349	0.00	3.35	10.82
11ac VHT40	110	5550	3.163	0.00	3.16	10.82
11ac VHT40	134	5670	2.999	0.00	3.00	10.82
11ac VHT80	106	5530	-1.452	0.00	-1.45	10.82
11acVHT80	122	5610	-0.899	0.00	-0.90	10.82
11ax HE20	110	5500	5.154	0.00	5.15	10.82
11ax HE20	116	5580	6.609	0.00	6.61	10.82
11ax HE20	140	5700	6.978	0.00	6.98	10.82
11ax HE40	102	5510	2.961	0.00	2.96	10.82
11ax HE40	110	5550	2.294	0.00	2.29	10.82
11ax HE40	134	5670	2.364	0.00	2.36	10.82
11ax HE80	106	5530	-1.693	0.00	-1.69	10.82
11ax HE80	122	5610	-0.870	0.00	-0.87	10.82

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/MHz)	PPSP Limit (dBm/MHz)
11a	149	5745	6.887	0.00	-3.01	3.88	30.00
11a	157	5785	6.580	0.00	-3.01	3.57	30.00
11a	165	5825	6.271	0.00	-3.01	3.26	30.00
11ac VHT20	149	5745	6.622	0.00	-3.01	3.61	30.00
11ac VHT20	157	5785	5.833	0.00	-3.01	2.82	30.00
11ac VHT20	165	5825	5.695	0.00	-3.01	2.68	30.00
11ac VHT40	151	5755	2.797	0.00	-3.01	-0.21	30.00
11ac VHT40	159	5795	3.998	0.00	-3.01	0.99	30.00
11ac VHT80	155	5775	-0.903	0.00	-3.01	-3.91	30.00
11ax HE20	149	5745	6.103	0.00	-3.01	3.09	30.00
11ax HE20	157	5785	5.959	0.00	-3.01	2.95	30.00
11ax HE20	165	5825	5.660	0.00	-3.01	2.65	30.00
11ax HE40	151	5755	3.414	0.00	-3.01	0.40	30.00
11ax HE40	159	5795	3.244	0.00	-3.01	0.23	30.00
11ax HE80	155	5775	-0.819	0.00	-3.01	-3.83	30.00

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

Modulation Type	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	5720	5.743	0.00	5.74	11
11ac VHT20	5720	5.796	0.00	5.80	11
11ac VHT40	5710	2.384	0.00	2.38	11
11ac VHT80	5690	-0.672	0.00	-0.67	11
11ax HE20	5720	5.161	0.00	5.16	11
11ax HE40	5710	1.940	0.00	1.94	11
11ax HE80	5690	-1.072	0.00	-1.07	11

**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	5.420	0.00	5.42	11.00
11a	44	5220	5.086	0.00	5.09	11.00
11a	48	5240	5.395	0.00	5.40	11.00
11ac VHT20	36	5180	4.864	0.00	4.86	11.00
11ac VHT20	44	5220	4.847	0.00	4.85	11.00
11ac VHT20	48	5240	5.051	0.00	5.05	11.00
11ac VHT40	38	5190	1.440	0.00	1.44	11.00
11ac VHT40	46	5230	1.981	0.00	1.98	11.00
11ac VHT20	42	5210	-2.138	0.00	-2.14	11.00
11ax HE20	36	5180	4.576	0.00	4.58	11.00
11ax HE20	44	5220	4.553	0.00	4.55	11.00
11ax HE20	48	5240	4.529	0.00	4.53	11.00
11ax HE40	38	5190	0.752	0.00	0.75	11.00
11ax HE40	46	5230	1.482	0.00	1.48	11.00
11axHE80	42	5210	-2.154	0.00	-2.15	11.00

In the 5.3G Band

Modulation Type	CH	Freq. (MHz)	Meas PSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	52	5260	7.073	0.00	7.07	11.00
11a	60	5300	6.770	0.00	6.77	11.00
11a	64	5320	6.323	0.00	6.32	11.00
11ac VHT20	52	5260	6.781	0.00	6.78	11.00
11ac VHT20	60	5300	6.491	0.00	6.49	11.00
11ac VHT20	64	5320	6.145	0.00	6.15	11.00
11ac VHT40	54	5270	1.328	0.00	1.33	11.00
11ac VHT40	62	5310	1.851	0.00	1.85	11.00
11ac VHT80	58	5290	-0.648	0.00	-0.65	11.00
11ax HE20	52	5260	6.614	0.00	6.61	11.00
11ax HE20	60	5300	6.708	0.00	6.71	11.00
11ax HE20	64	5320	5.919	0.00	5.92	11.00
11ax HE40	54	5270	0.688	0.00	0.69	11.00
11ax HE40	62	5310	1.241	0.00	1.24	11.00
11ax HE80	58	5290	-0.704	0.00	-0.70	11.00

**In the 5.5G 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	100	5500	5.982	0.00	5.98	11.00
11a	116	5580	6.760	0.00	6.76	11.00
11a	140	5700	5.410	0.00	5.41	11.00
11ac VHT20	100	5500	5.488	0.00	5.49	11.00
11ac VHT20	116	5580	6.415	0.00	6.42	11.00
11ac VHT20	140	5700	4.888	0.00	4.89	11.00
11ac VHT40	102	5510	3.955	0.00	3.96	11.00
11ac VHT40	110	5550	2.712	0.00	2.71	11.00
11ac VHT40	134	5670	2.618	0.00	2.62	11.00
11ac VHT80	106	5530	-2.007	0.00	-2.01	11.00
11acVHT80	122	5610	-1.061	0.00	-1.06	11.00
11ax HE20	110	5500	5.110	0.00	5.11	11.00
11ax HE20	116	5580	6.203	0.00	6.20	11.00
11ax HE20	140	5700	4.771	0.00	4.77	11.00
11ax HE40	102	5510	3.765	0.00	3.77	11.00
11ax HE40	110	5550	2.111	0.00	2.11	11.00
11ax HE40	134	5670	1.951	0.00	1.95	11.00
11ax HE80	106	5530	-2.006	0.00	-2.01	11.00
11ax HE80	122	5610	-1.301	0.00	-1.30	11.00

**In the 5.8G Band**

Modulation Type	CH	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	10log (500KHz/RBW) CF (dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	149	5745	6.371	0.00	-3.01	3.36	30.00
11a	157	5785	5.990	0.00	-3.01	2.98	30.00
11a	165	5825	5.307	0.00	-3.01	2.30	30.00
11ac VHT20	149	5745	6.889	0.00	-3.01	3.88	30.00
11ac VHT20	157	5785	5.536	0.00	-3.01	2.53	30.00
11ac VHT20	165	5825	5.095	0.00	-3.01	2.08	30.00
11ac VHT40	151	5755	2.881	0.00	-3.01	-0.13	30.00
11ac VHT40	159	5795	3.796	0.00	-3.01	0.79	30.00
11ac VHT80	155	5775	-1.245	0.00	-3.01	-4.26	30.00
11ax HE20	149	5745	6.268	0.00	-3.01	3.26	30.00
11ax HE20	157	5785	5.585	0.00	-3.01	2.57	30.00
11ax HE20	165	5825	5.265	0.00	-3.01	2.25	30.00
11ax HE40	151	5755	3.695	0.00	-3.01	0.68	30.00
11ax HE40	159	5795	2.721	0.00	-3.01	-0.29	30.00
11ax HE80	155	5775	-1.449	0.00	-3.01	-4.46	30.00

Straddle Channels

Modulation Type	Freq. (MHz)	Meas PPSD (dBm/MHz)	Duty Cycle CF(dB)	Total Corr'd PPSD (dBm/MHz)	PPSD Limit (dBm/MHz)
11a	5720	5.715	0.00	5.72	11.00
11ac VHT20	5720	5.458	0.00	5.46	11.00
11ac VHT40	5710	2.316	0.00	2.32	11.00
11ac VHT80	5690	-0.769	0.00	-0.77	11.00
11ax HE20	5720	5.106	0.00	5.11	11.00
11ax HE40	5710	1.844	0.00	1.84	11.00
11ax HE80	5690	-1.079	0.00	-1.08	11.00

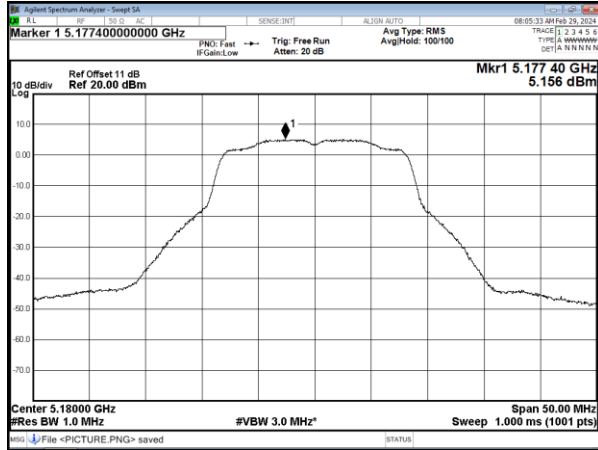


SISO (ANT A)

UNII-1

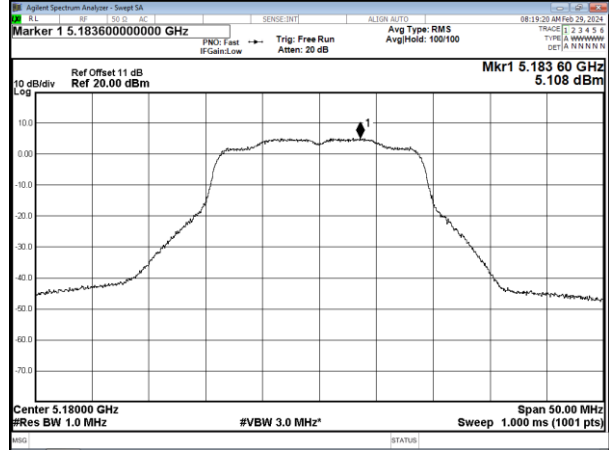
Modulation Standard: 802.11a (6Mbps)

CH36

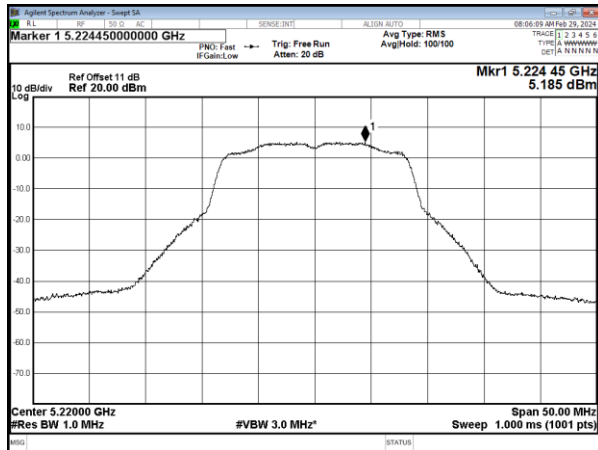


Modulation Standard: 802.11ac VHT20 (6.5Mbps)

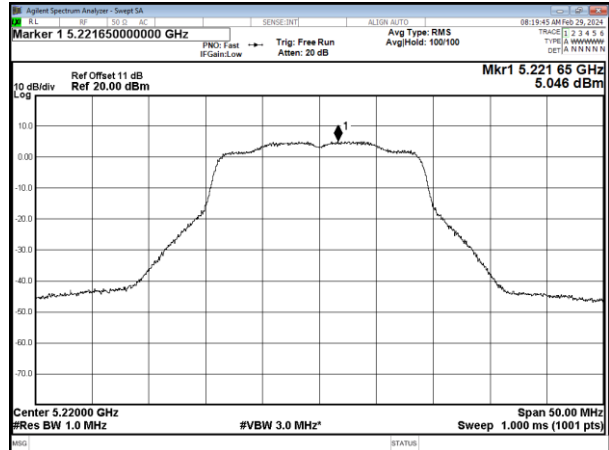
CH36



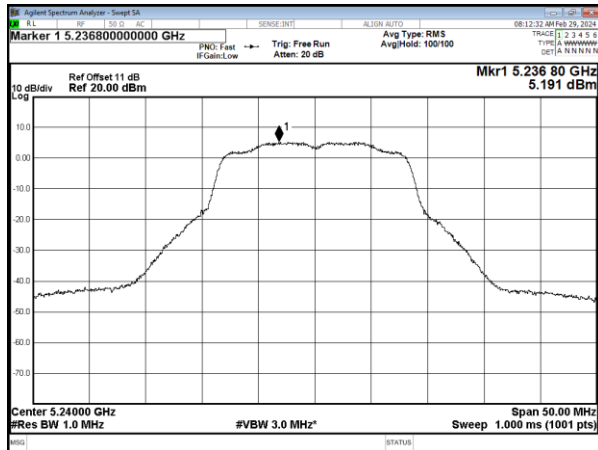
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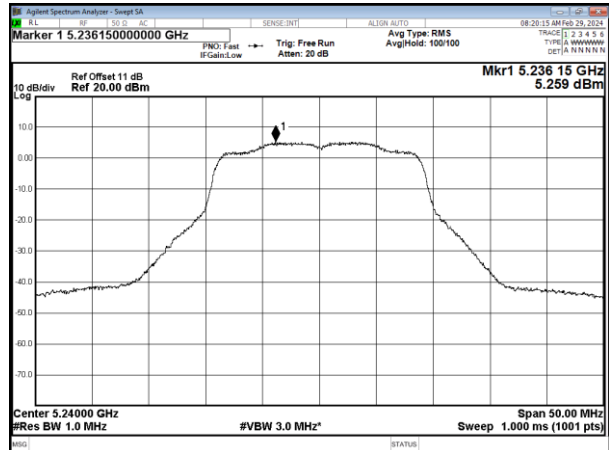
CH44



CH48



CH48

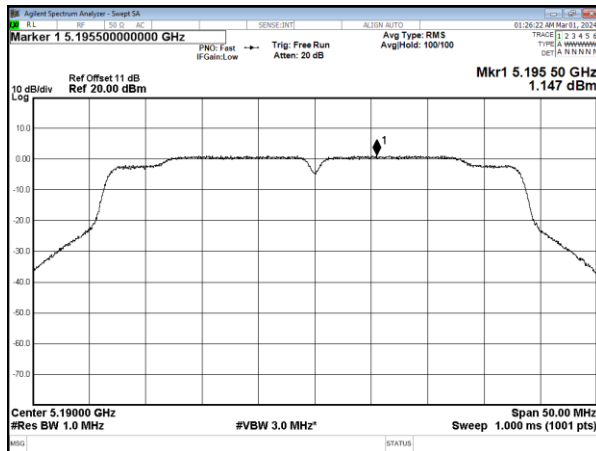




UNII-1

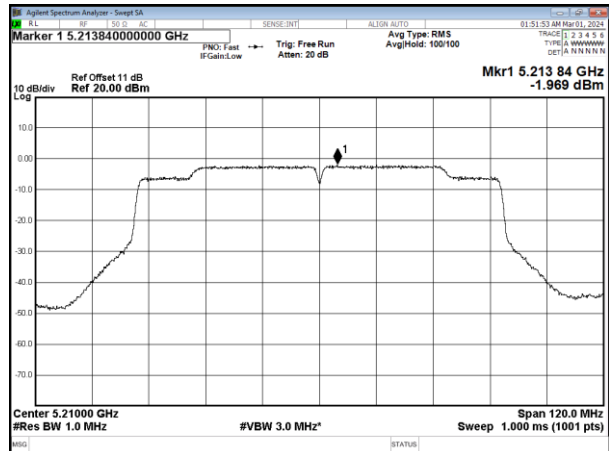
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH38

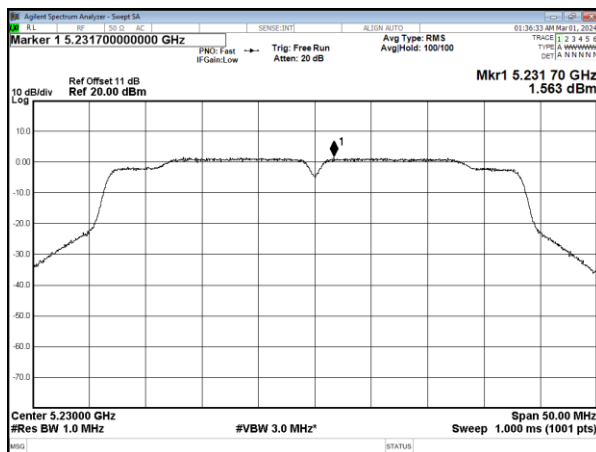


Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH42



CH46

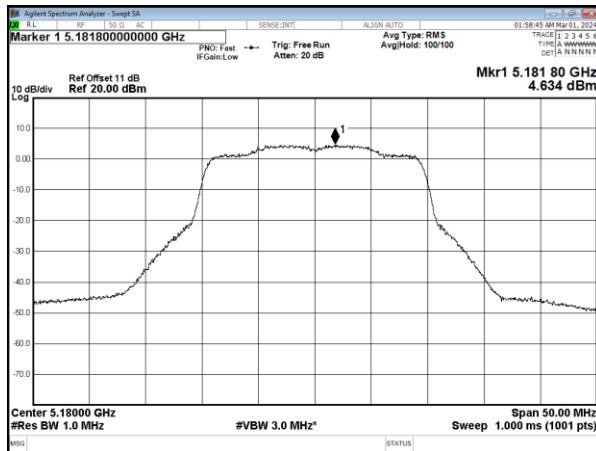




UNII-1

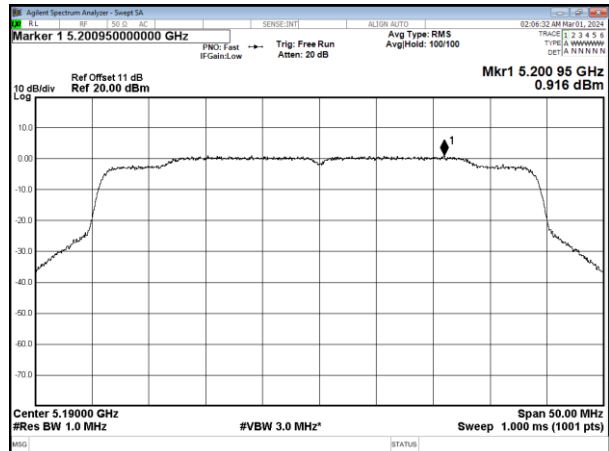
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH36

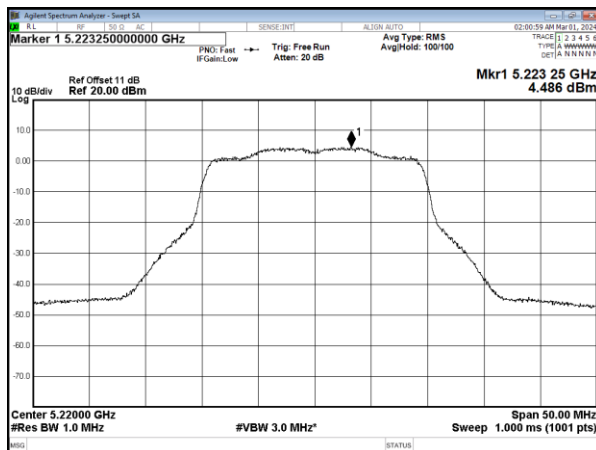


Modulation Standard: 802.11 ax HE40 (14.6Mbps)

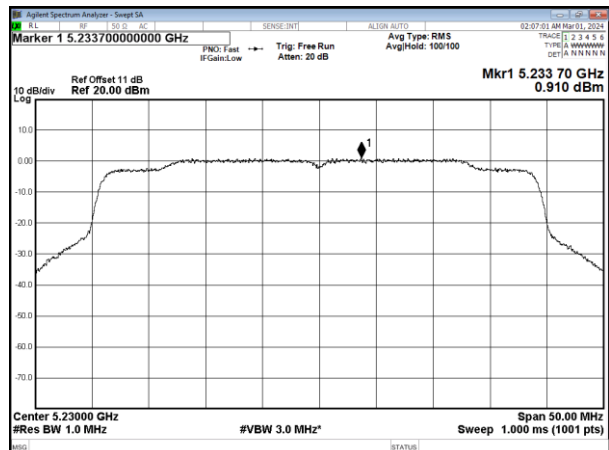
CH38



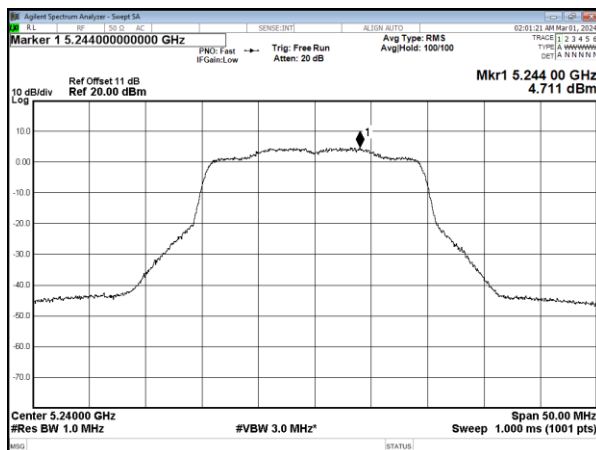
CH44



CH46

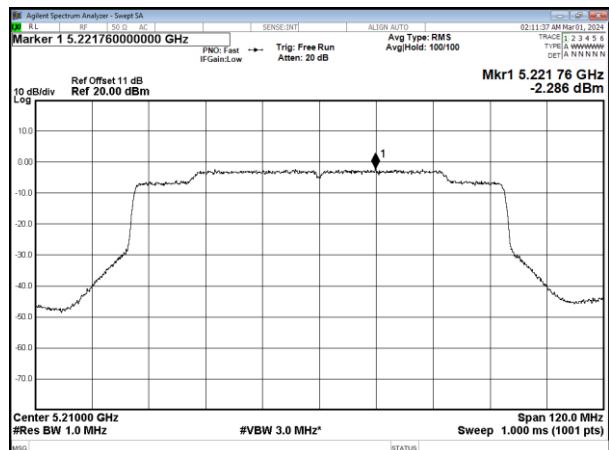


CH48



Modulation Standard: 802.11 ax HE80 (30.6Mbps)

CH42

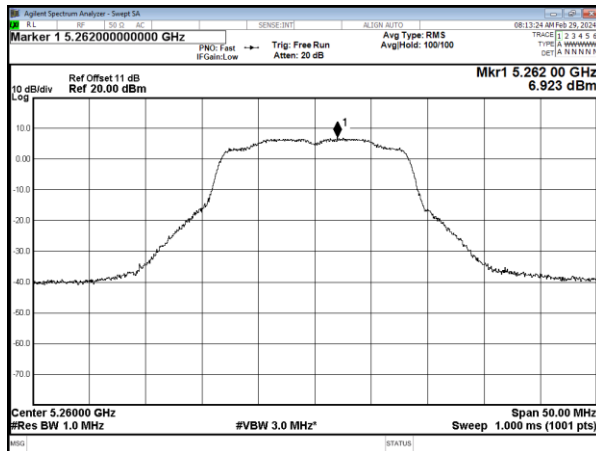




UNII-2A

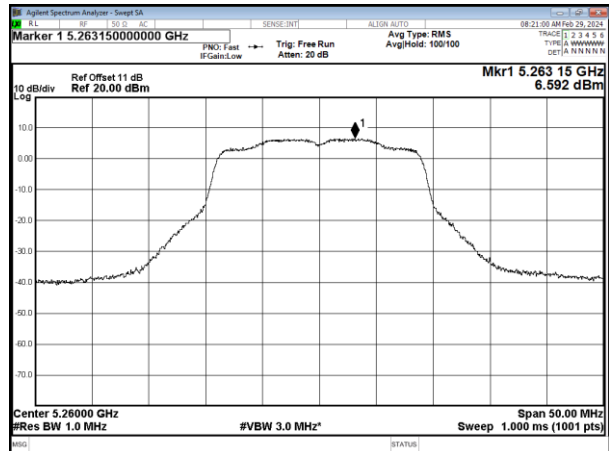
Modulation Standard: 802.11a (6Mbps)

CH52

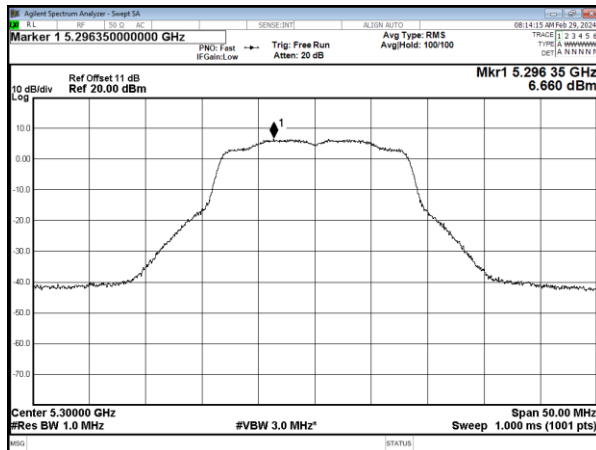


Modulation Standard: 802.11ac VHT20 (6.5Mbps)

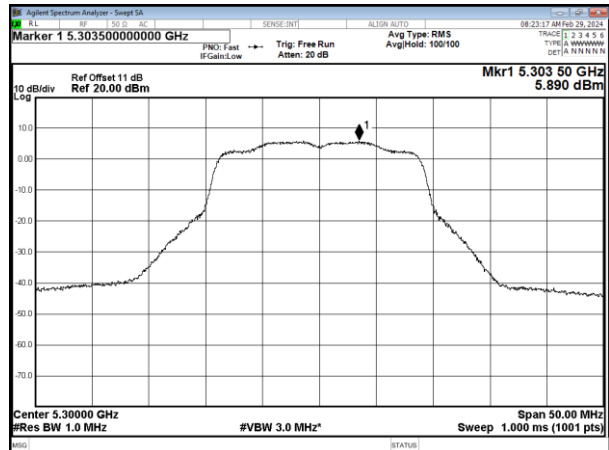
CH52



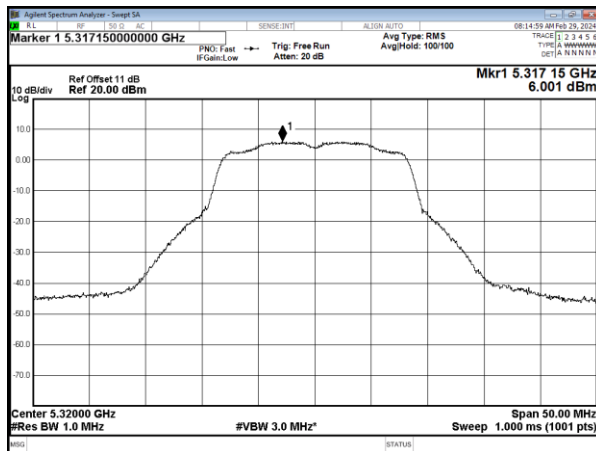
CH60



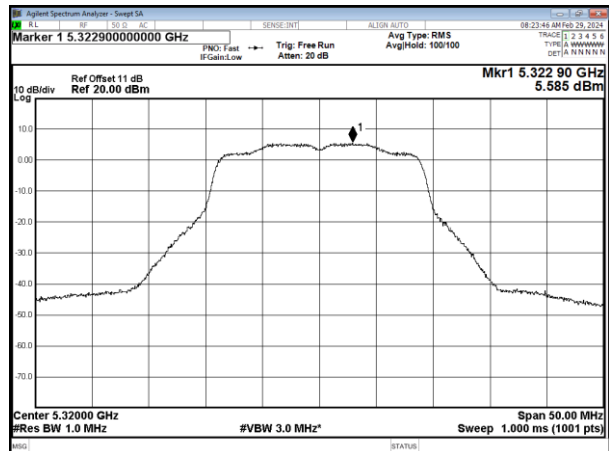
CH60



CH64



CH64

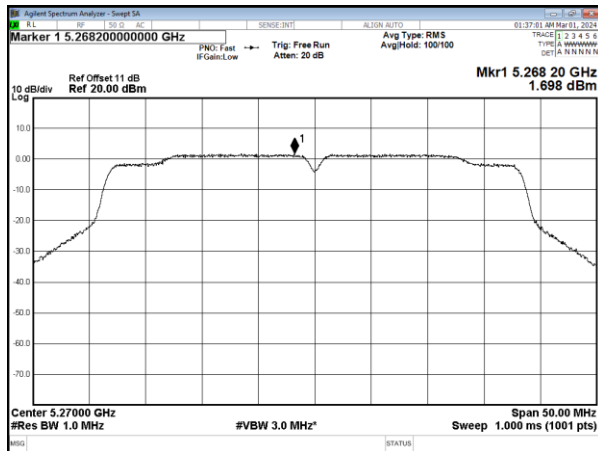




UNII-2A

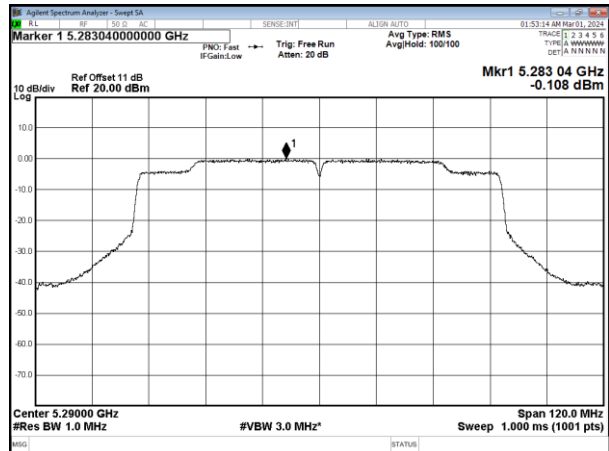
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH54

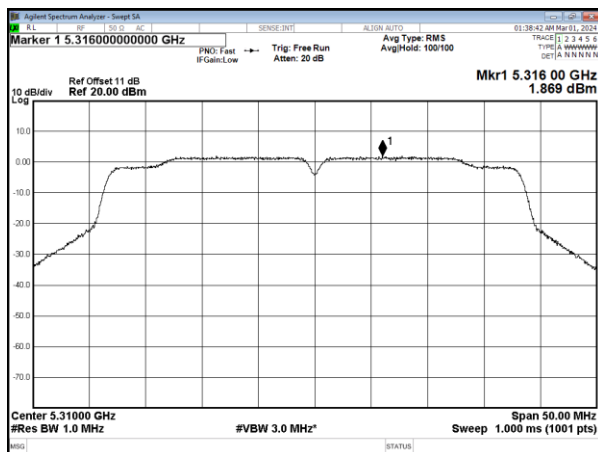


Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH58



CH62

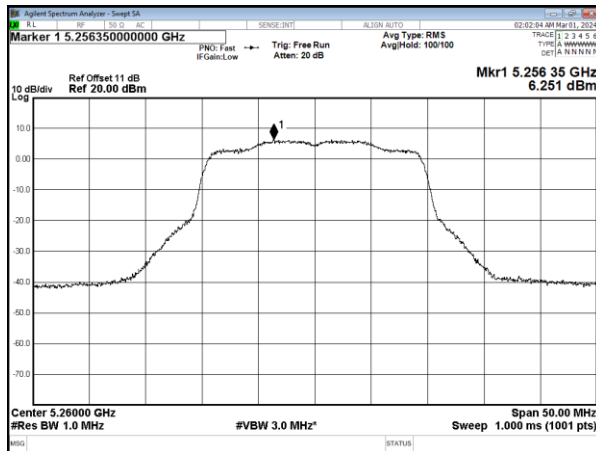




UNII-2A

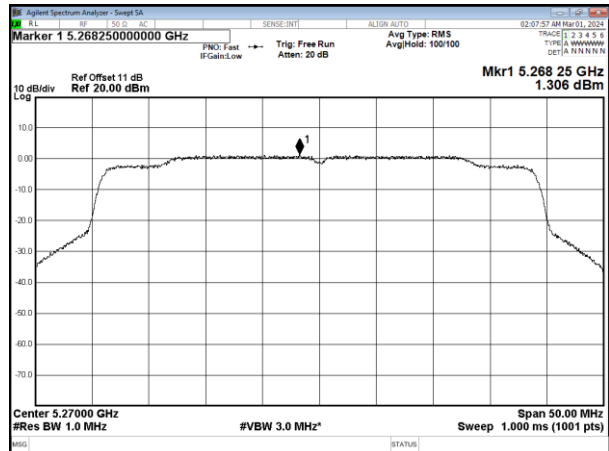
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH52

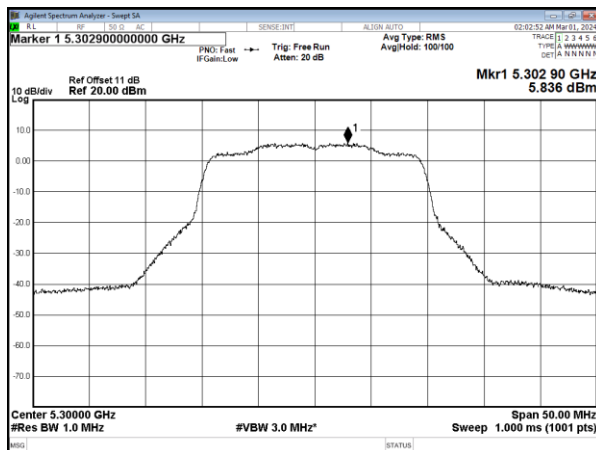


Modulation Standard: 802.11 ax HE40 (14.6Mbps)

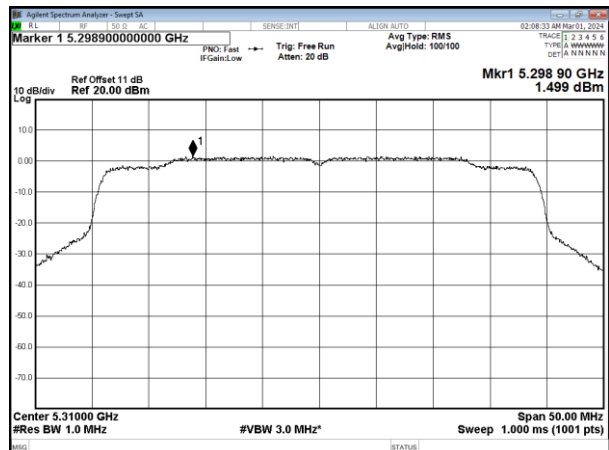
CH54



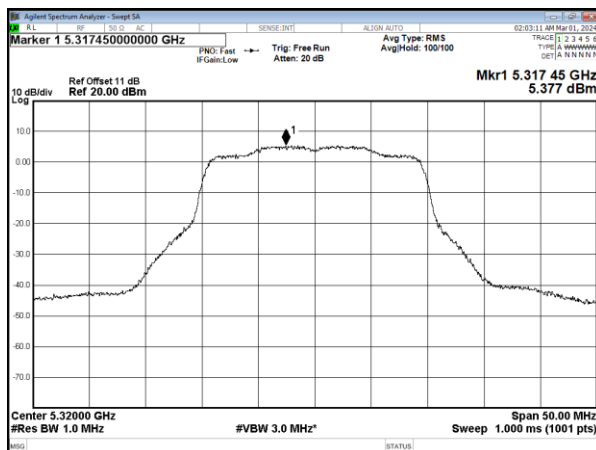
CH60



CH62

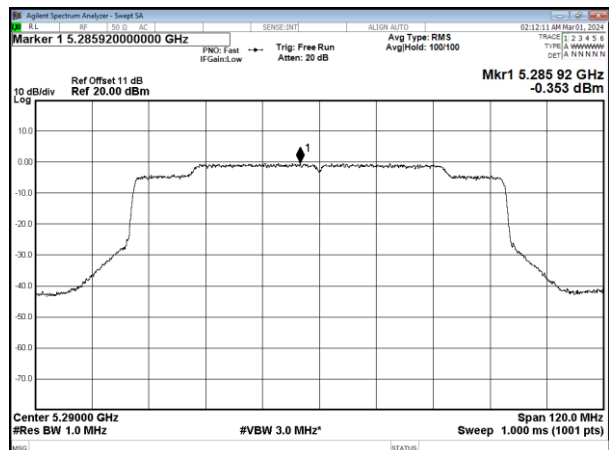


CH64



Modulation Standard: 802.11 ax HE80 (30.6Mbps)

CH58

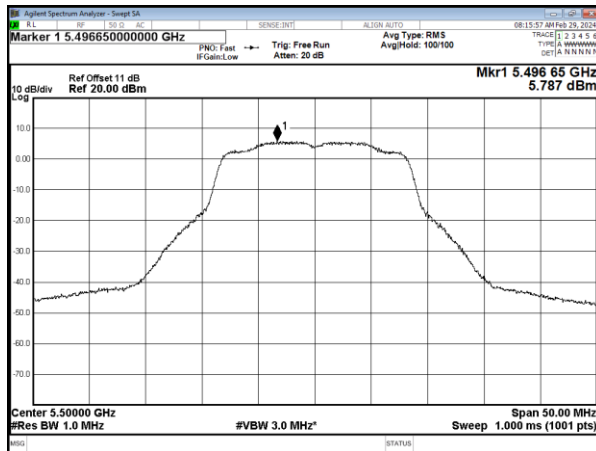




UNII-2C

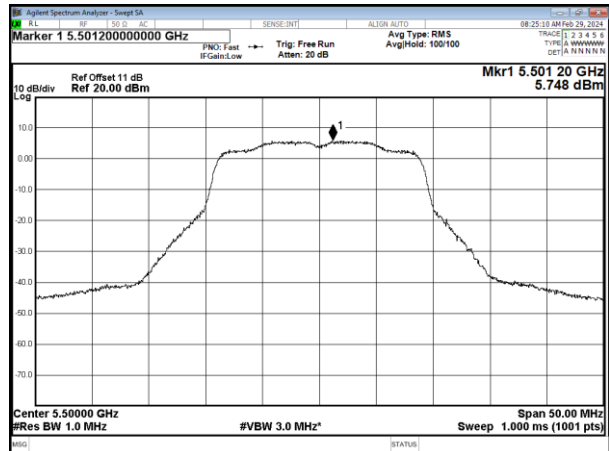
Modulation Standard: 802.11a (6Mbps)

CH100

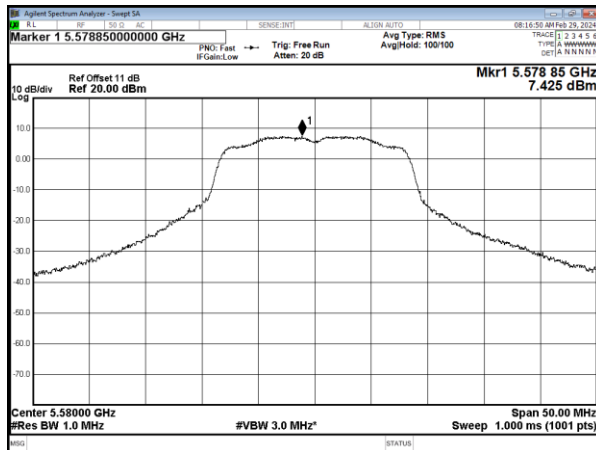


Modulation Standard: 802.11ac VHT20 (6.5Mbps)

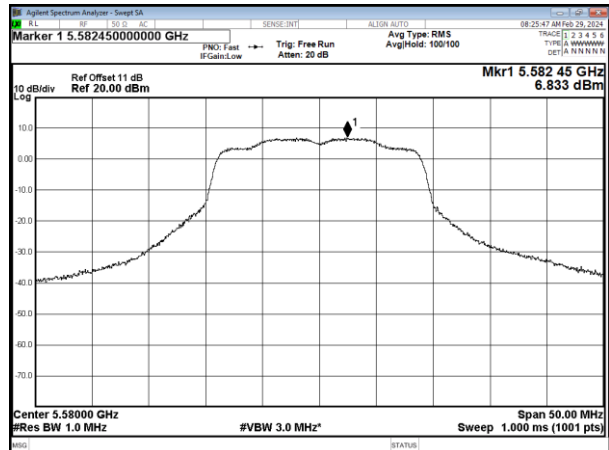
CH100



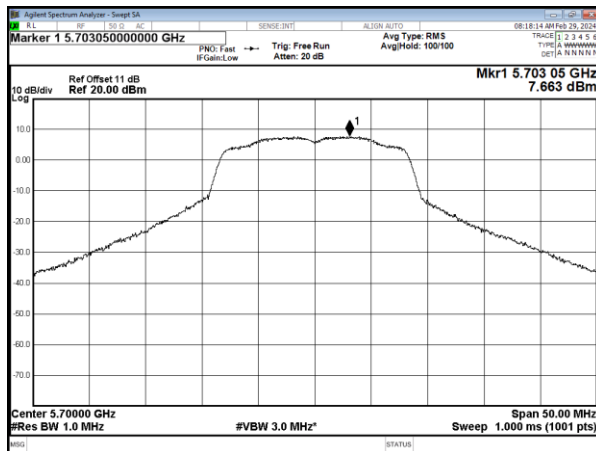
CH116



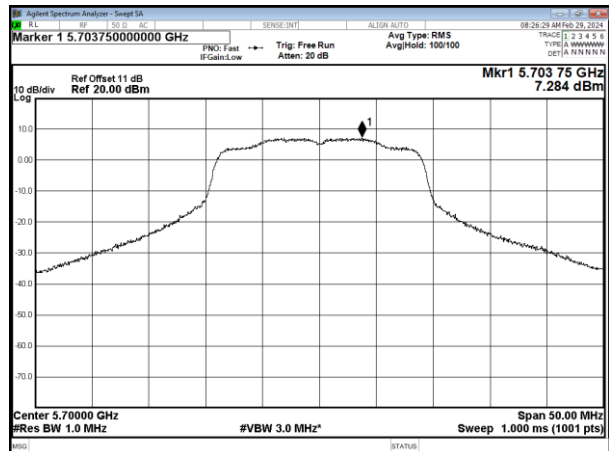
CH116



CH140



CH140

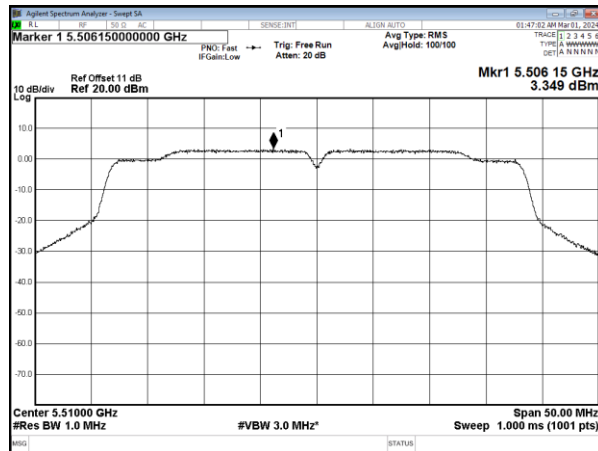




UNII-2C

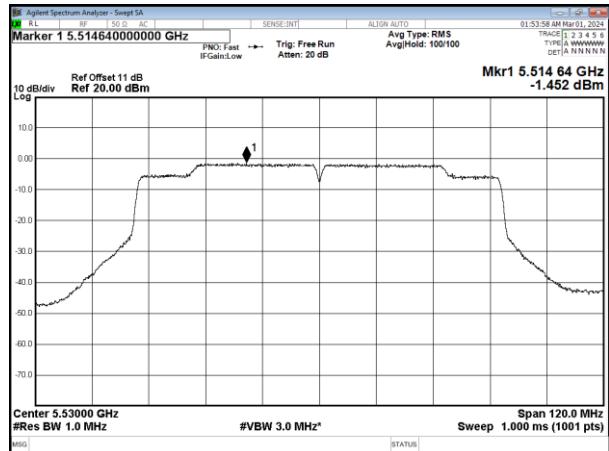
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH102

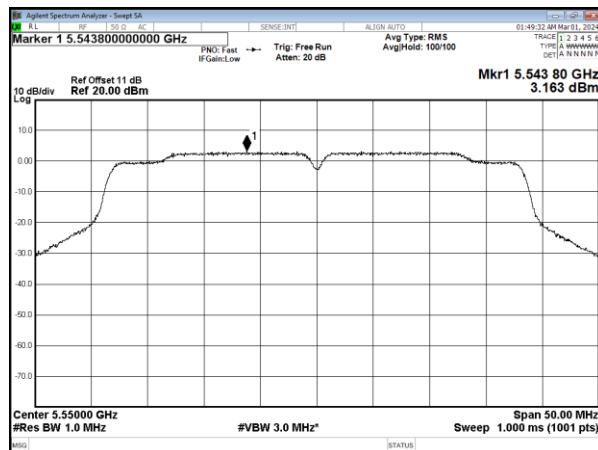


Modulation Standard: 802.11ac VHT80 (29.3Mbps)

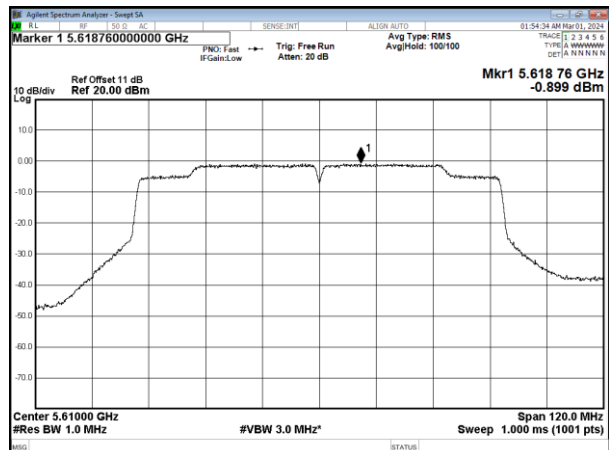
CH106



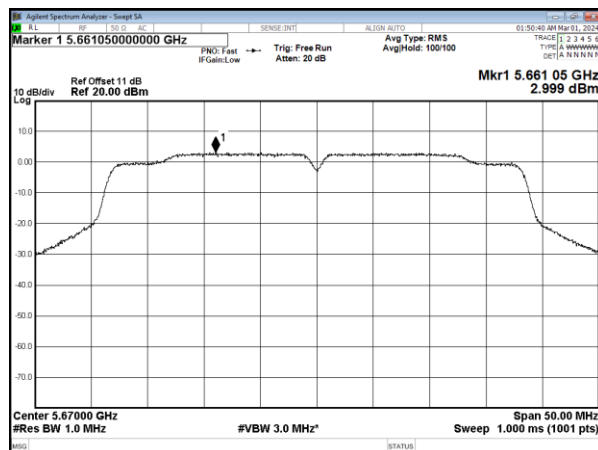
CH110



CH122



CH134

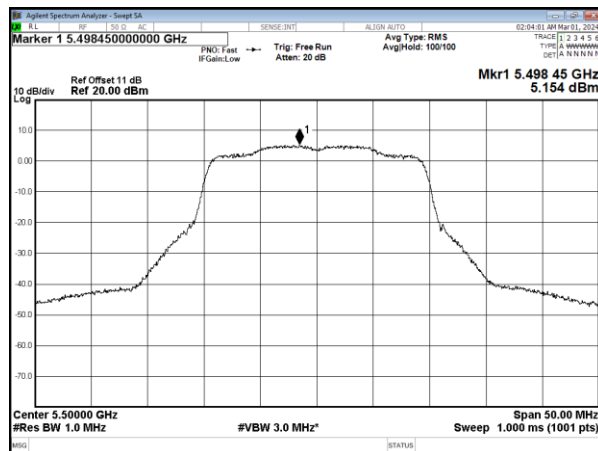




UNII-2C

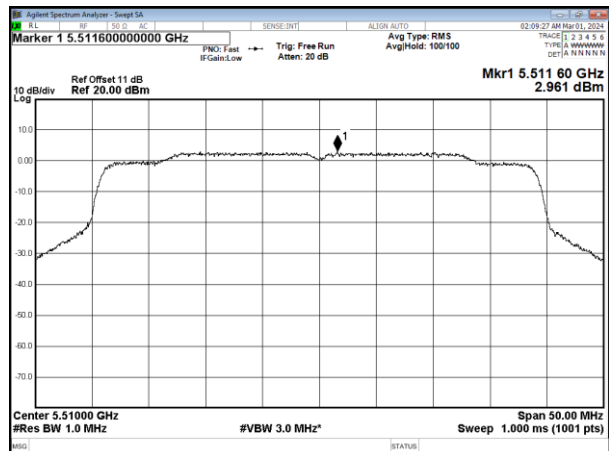
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH100

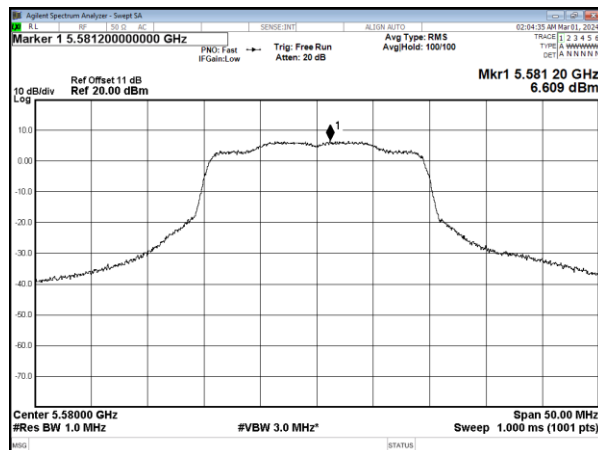


Modulation Standard: 802.11 ax HE40 (14.6Mbps)

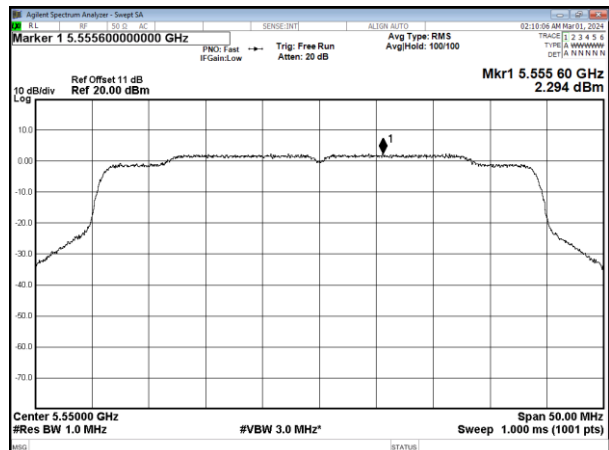
CH102



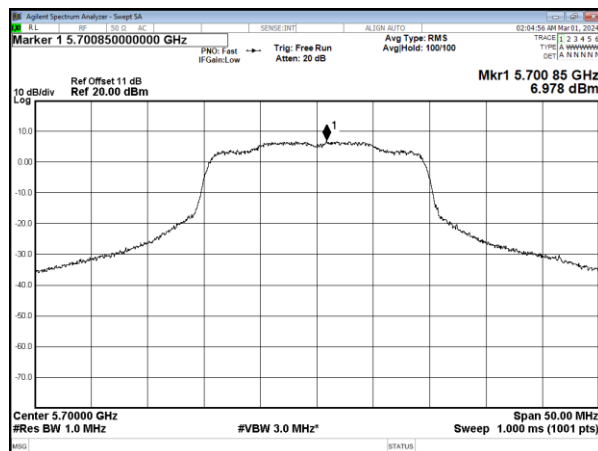
CH116



CH110



CH140



CH134

