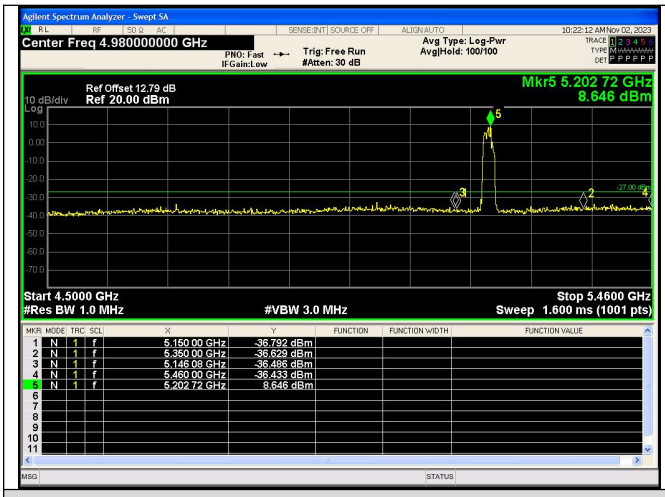


Out Of Band Emission

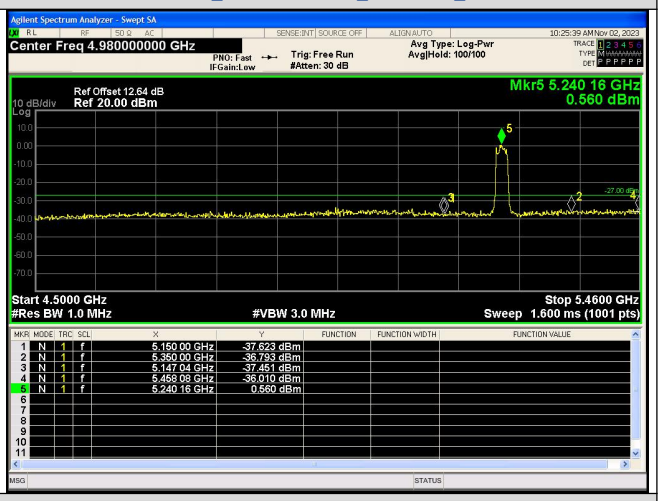
IEEE 802.11n_Channel 40_20MHz_Antenna 0

Spurious Emission:30.0~5150 MHz

IEEE 802.11n_Channel 40_20MHz_Antenna 0

Spurious Emission:5350~25000.0 MHz

IEEE 802.11n_Channel 40_20MHz_Antenna 0



Out Of Band Emission

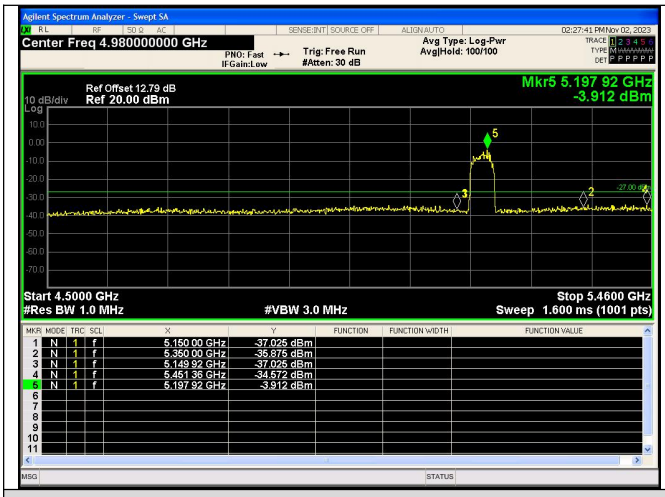
IEEE 802.11n_Channel 48_20MHz_Antenna 0

Spurious Emission:30.0~5150 MHz

IEEE 802.11n_Channel 48_20MHz_Antenna 0

Spurious Emission:5350~25000.0 MHz

IEEE 802.11n_Channel 48_20MHz_Antenna 0



Out Of Band Emission

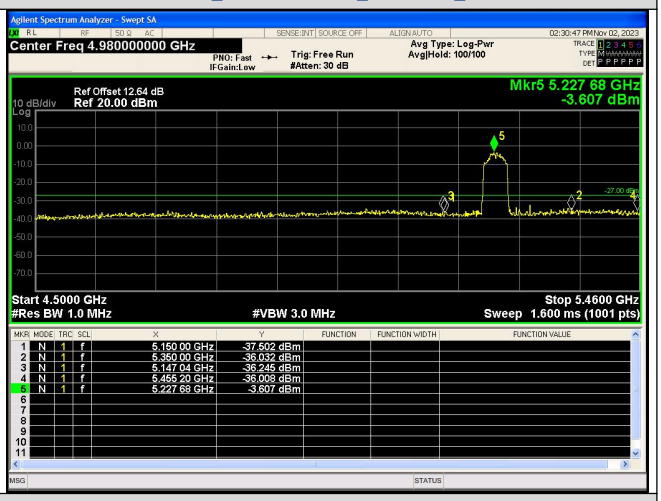
IEEE 802.11n_Channel 38_40MHz_Antenna 0

Spurious Emission:30.0~5150 MHz

IEEE 802.11n_Channel 38_40MHz_Antenna 0

Spurious Emission:5350~25000.0 MHz

IEEE 802.11n_Channel 38_40MHz_Antenna 0



Out Of Band Emission

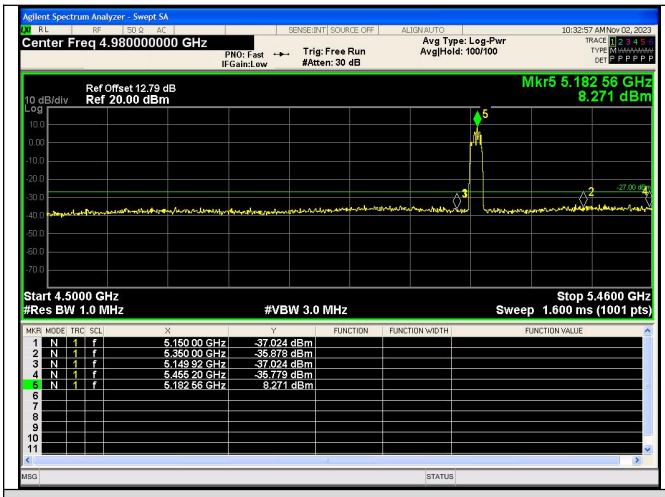
IEEE 802.11n_Channel 46_40MHz_Antenna 0

Spurious Emission:30.0~5150 MHz

IEEE 802.11n_Channel 46_40MHz_Antenna 0

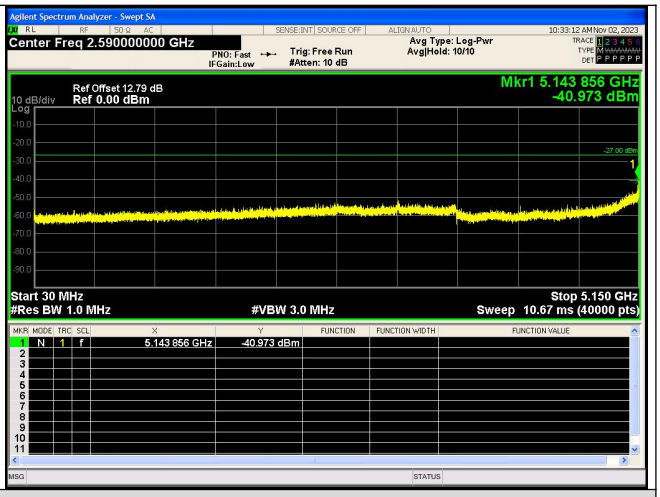
Spurious Emission:5350~25000.0 MHz

IEEE 802.11n_Channel 46_40MHz_Antenna 0



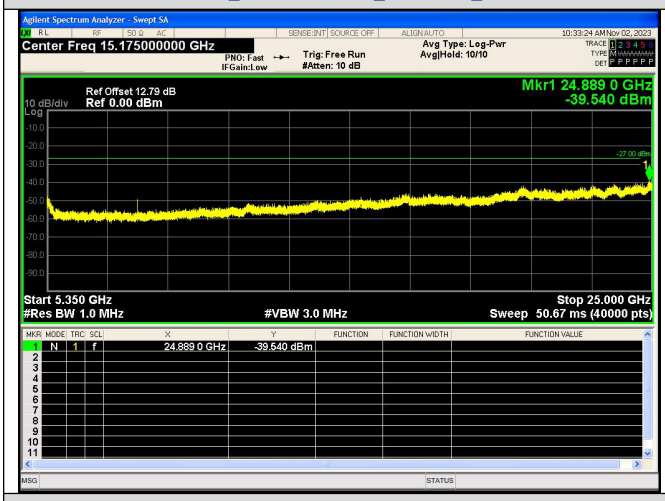
Out Of Band Emission

IEEE 802.11ac_Channel 36_20MHz_Antenna 0



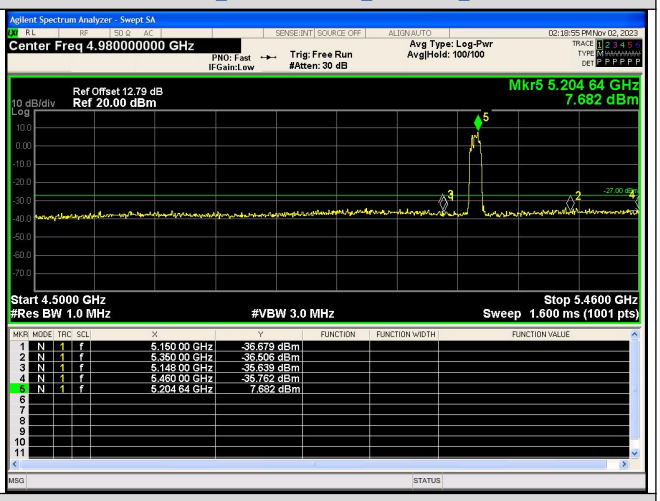
Spurious Emission:30.0~5150 MHz

IEEE 802.11ac_Channel 36_20MHz_Antenna 0



Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 36_20MHz_Antenna 0



Out Of Band Emission

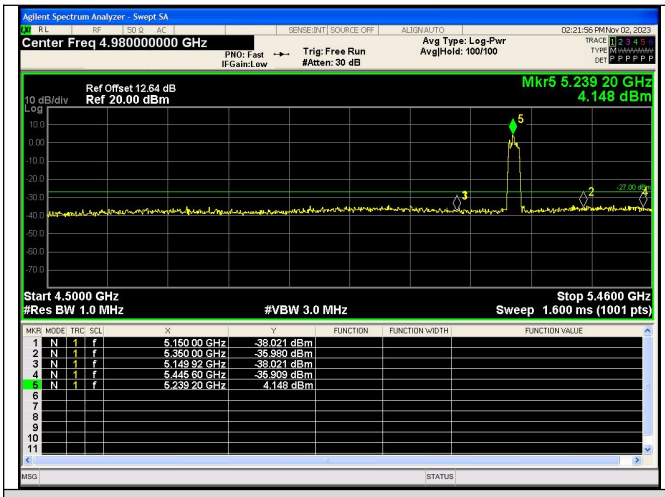
IEEE 802.11ac_Channel 40_20MHz_Antenna 0

Spurious Emission:30.0~5150 MHz

IEEE 802.11ac_Channel 40_20MHz_Antenna 0

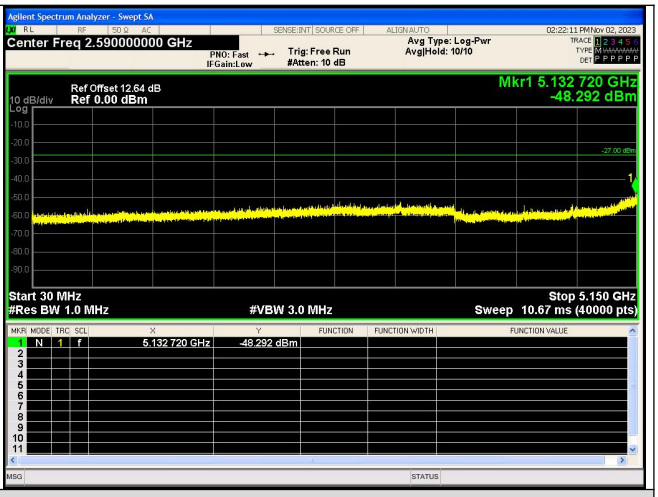
Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 40_20MHz_Antenna 0



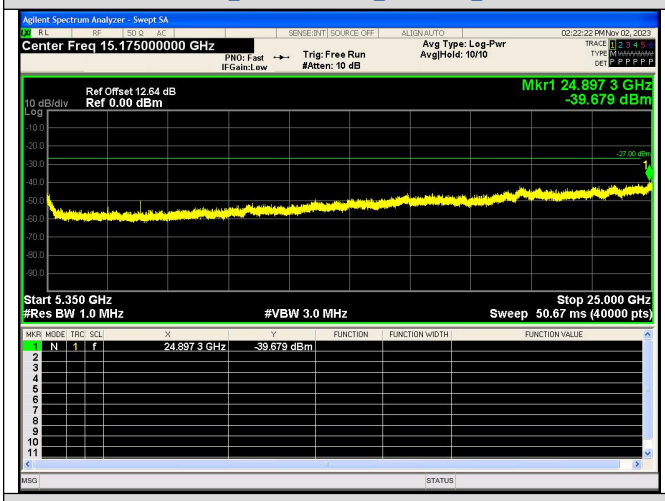
Out Of Band Emission

IEEE 802.11ac_Channel 48_20MHz_Antenna 0



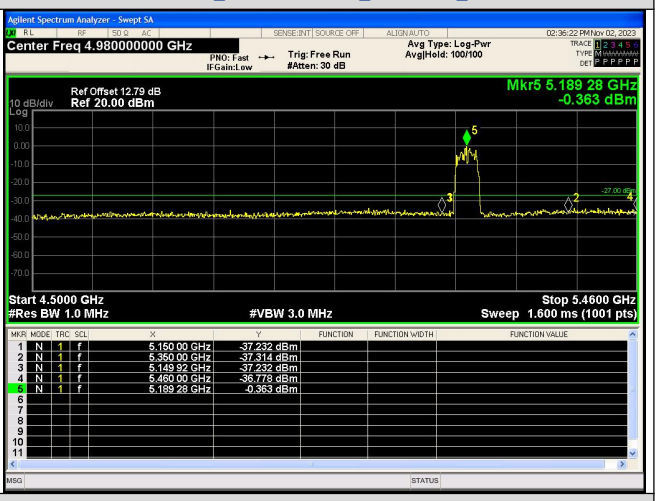
Spurious Emission:30.0~5150 MHz

IEEE 802.11ac_Channel 48_20MHz_Antenna 0



Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 48_20MHz_Antenna 0



Out Of Band Emission

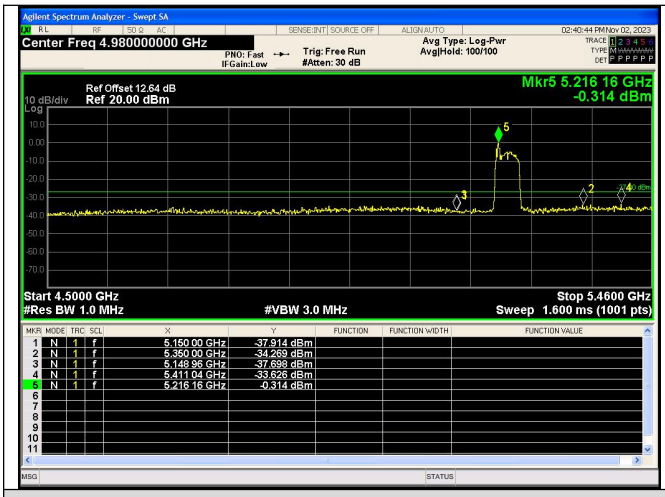
IEEE 802.11ac_Channel 38_40MHz_Antenna 0

Spurious Emission:30.0~5150 MHz

IEEE 802.11ac_Channel 38_40MHz_Antenna 0

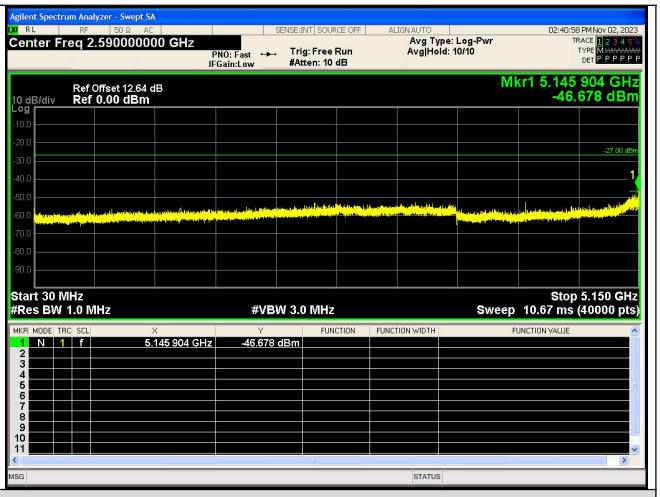
Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 38_40MHz_Antenna 0



Out Of Band Emission

IEEE 802.11ac_Channel 46_40MHz_Antenna 0

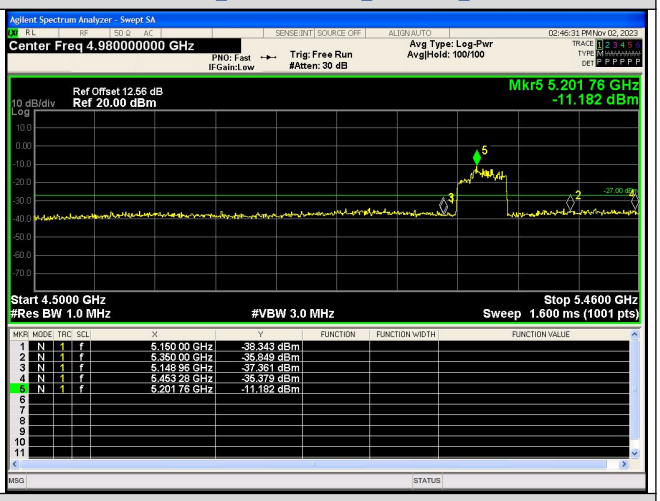


Spurious Emission:30.0~5150 MHz

IEEE 802.11ac_Channel 46_40MHz_Antenna 0

Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 46_40MHz_Antenna 0



Out Of Band Emission

IEEE 802.11ac_Channel 42_80MHz_Antenna 0

Spurious Emission:30.0~5150 MHz

IEEE 802.11ac_Channel 42_80MHz_Antenna 0

Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 42_80MHz_Antenna 0

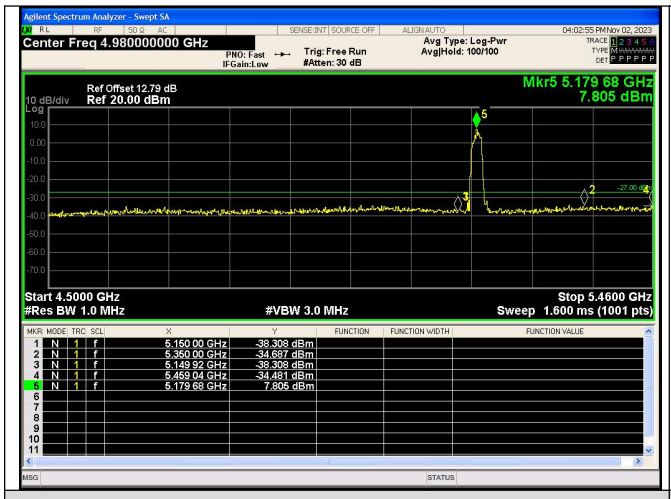
Antenna 2:

Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	36	0	5149.23	-37.851	-27	-10.850	PASS
			5149.92	-38.308	-27	-11.308	PASS
			5150.00	-38.308	-27	-11.308	PASS
			5350.00	-34.687	-27	-7.681	PASS
			5459.04	-34.481	-27	-7.481	PASS
			24905.7	-39.766	-27	-12.770	PASS
	40		5148.96	-36.123	-27	-9.123	PASS
			5149.10	-48.136	-27	-21.140	PASS
			5150.00	-37.178	-27	-10.178	PASS
			5350.00	-35.895	-27	-8.895	PASS
			5460.00	-35.374	-27	-8.374	PASS
			24929.3	-39.173	-27	-12.170	PASS
	48		5105.20	-50.239	-27	-23.240	PASS
			5148.96	-37.937	-27	-10.937	PASS
			5150.00	-37.945	-27	-10.945	PASS
			5350.00	-37.326	-27	-10.326	PASS
			5460.00	-37.197	-27	-10.197	PASS
			24977.4	-39.111	-27	-12.110	PASS
IEEE 802.11n_20	36		5149.23	-42.403	-27	-15.400	PASS
			5149.92	-37.364	-27	-10.364	PASS
			5150.00	-37.364	-27	-10.364	PASS
			5350.00	-36.371	-27	-9.371	PASS
			5459.04	-36.272	-27	-9.272	PASS
			24904.7	-40.187	-27	-13.190	PASS
	40		5096.75	-48.413	-27	-21.410	PASS
			5144.16	-36.528	-27	-9.528	PASS
			5150.00	-36.768	-27	-9.768	PASS
			5350.00	-36.286	-27	-9.286	PASS
			5460.00	-36.129	-27	-9.129	PASS
			24919.9	-38.149	-27	-11.150	PASS
	48		5118.26	-50.233	-27	-23.230	PASS
			5149.92	-38.405	-27	-11.405	PASS
			5150.00	-38.405	-27	-11.405	PASS
			5350.00	-36.538	-27	-9.538	PASS
			5460.00	-35.767	-27	-8.767	PASS
			24933.2	-39.430	-27	-12.430	PASS
IEEE 802.11n_40	38		5143.47	-48.101	-27	-21.100	PASS
			5149.92	-36.938	-27	-9.938	PASS
			5150.00	-36.938	-27	-9.938	PASS
			5350.00	-36.876	-27	-9.876	PASS

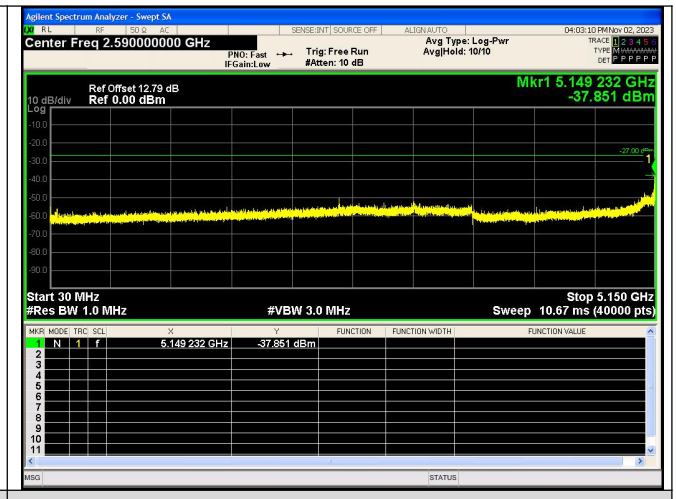
			5460.00	-35.208	-27	-8.208	PASS
			24903.7	-39.420	-27	-12.420	PASS
	46		5148.00	-36.915	-27	-10	PASS
			5149.49	-45.761	-27	-18.760	PASS
			5150.00	-37.126	-27	-10.126	PASS
			5350.00	-34.760	-27	-7.760	PASS
			5432.16	-34.729	-27	-7.729	PASS
			24946.0	-39.149	-27	-12.150	PASS
IEEE 802.11ac_20	36		5147.06	-41.052	-27	-14.050	PASS
			5148.96	-37.864	-27	-10.864	PASS
			5150.00	-38.151	-27	-11.151	PASS
			5350.00	-36.577	-27	-9.577	PASS
			5460.00	-35.886	-27	-8.886	PASS
			24911.6	-39.683	-27	-12.680	PASS
	40		5088.30	-49.552	-27	-22.550	PASS
			5148.96	-37.273	-27	-10.273	PASS
			5150.00	-37.838	-27	-10.838	PASS
			5350.00	-35.822	-27	-8.822	PASS
			5457.12	-34.522	-27	-7.522	PASS
			24922.9	-39.670	-27	-12.670	PASS
	48		5071.28	-50.576	-27	-23.580	PASS
			5149.92	-38.169	-27	-11.169	PASS
			5150.00	-38.169	-27	-11.169	PASS
			5350.00	-35.373	-27	-8.373	PASS
			5450.40	-35.267	-27	-8.267	PASS
			24944.0	-39.857	-27	-12.860	PASS
IEEE 802.11ac_40	38		5148.96	-36.628	-27	-9.628	PASS
			5149.36	-48.280	-27	-21.280	PASS
			5150.00	-37.658	-27	-10.658	PASS
			5350.00	-36.420	-27	-9.420	PASS
			5459.04	-35.301	-27	-8.301	PASS
			24991.6	-39.505	-27	-12.510	PASS
	46		5144.24	-44.731	-27	-17.730	PASS
			5149.92	-37.492	-27	-10.492	PASS
			5150.00	-37.492	-27	-10.492	PASS
			5350.00	-37.060	-27	-10.060	PASS
			5460.00	-36.325	-27	-9.325	PASS
			24587.8	-39.296	-27	-12.300	PASS
IEEE 802.11ac_80	42		5149.74	-49.983	-27	-22.980	PASS
			5149.92	-37.449	-27	-10.449	PASS
			5150.00	-37.449	-27	-10.449	PASS
			5350.00	-35.035	-27	-8.035	PASS
			5433.12	-34.849	-27	-7.849	PASS
			24981.3	-38.486	-27	-11.490	PASS

Test Graphs



Out Of Band Emission

IEEE 802.11a_Channel 36_20MHz_Antenna 0

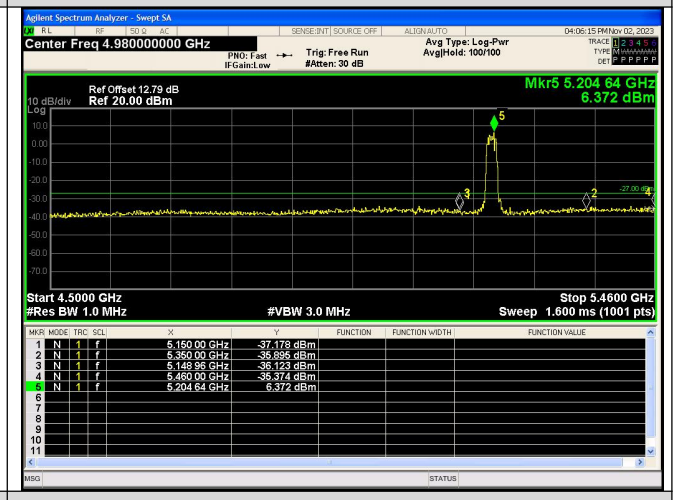


Spurious Emission:30.0~5150 MHz

IEEE 802.11a_Channel 36_20MHz_Antenna 0

Spurious Emission:5350~25000.0 MHz

IEEE 802.11a_Channel 36_20MHz_Antenna 0



Out Of Band Emission

IEEE 802.11a_Channel 40_20MHz_Antenna 0

Spurious Emission:30.0~5150 MHz

IEEE 802.11a_Channel 40_20MHz_Antenna 0

Spurious Emission:5350~25000.0 MHz

IEEE 802.11a_Channel 40_20MHz_Antenna 0