



### Conducted Peak Output Power

Conducted output power

Mode	Channel	Ant. 2 (dBm)	Corr'd Value Ant. 2 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	8.790	11.18	24	PASS
	40	9.426	11.81	24	PASS
	48	10.647	13.03	24	PASS
IEEE 802.11n_20	36	7.965	10.48	24	PASS
	40	4.008	6.52	24	PASS
	48	9.740	12.25	24	PASS
IEEE 802.11n_40	38	7.634	11.74	24	PASS
	46	8.978	13.07	24	PASS
IEEE 802.11ac_20	36	7.933	10.44	24	PASS
	40	8.371	10.88	24	PASS
	48	9.775	12.28	24	PASS
IEEE 802.11ac_40	38	7.754	11.84	24	PASS
	46	8.979	13.06	24	PASS
IEEE 802.11ac_80	42	5.807	11.96	24	PASS



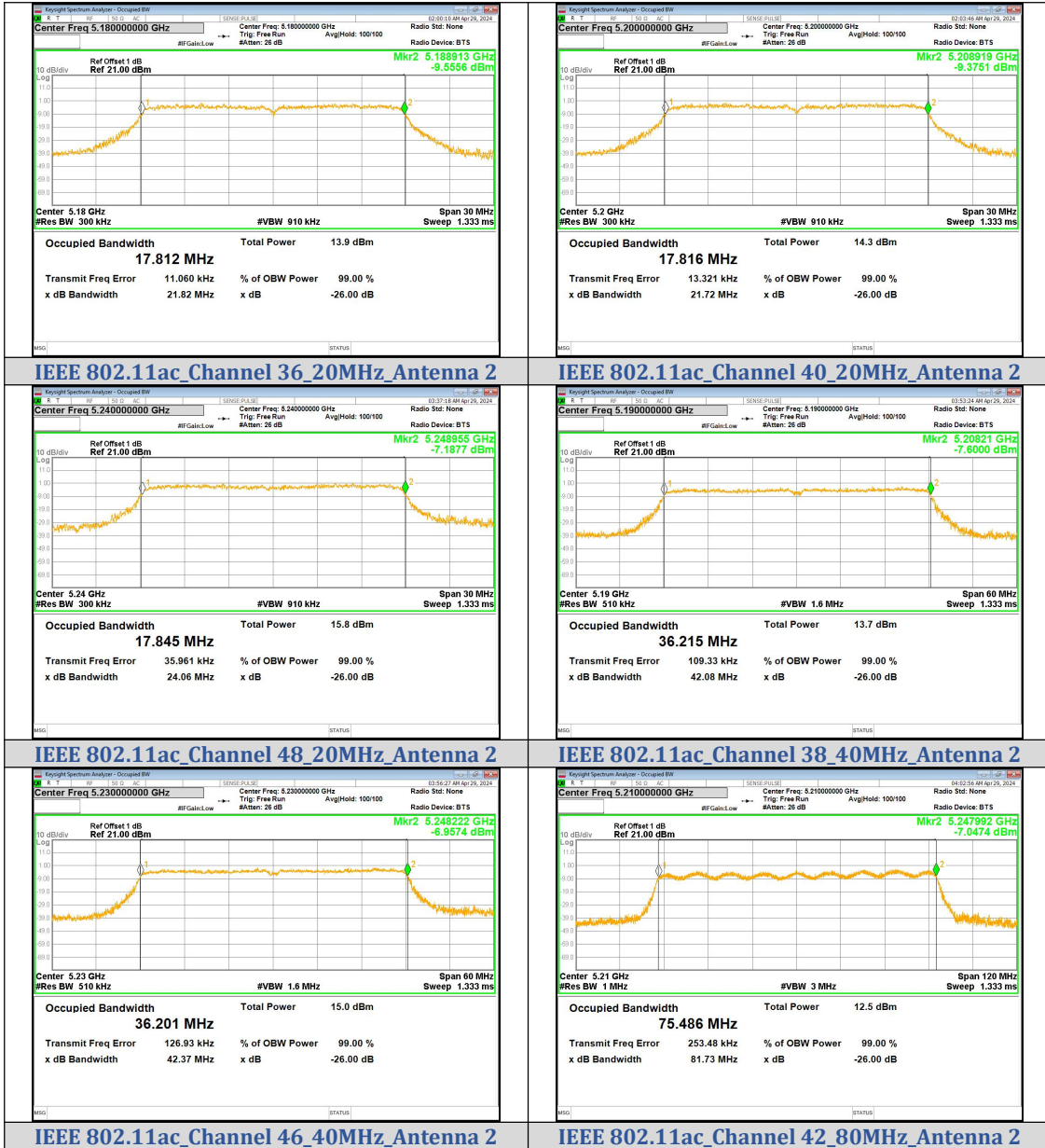
## 99% Bandwidth

### Test Result

Mode	Channel	99% BW (MHz)
IEEE 802.11a	36	16.703
	40	16.700
	48	16.803
IEEE 802.11n_20	36	17.761
	40	17.776
	48	17.773
IEEE 802.11n_40	38	36.233
	46	36.244
IEEE 802.11ac_20	36	17.812
	40	17.816
	48	17.845
IEEE 802.11ac_40	38	36.215
	46	36.201
IEEE 802.11ac_80	42	75.486

Test Graphs







### 6dB Bandwidth

#### Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	36	0	5180	16.50	0.5	PASS
	40		5200	16.51		PASS
	48		5240	16.53		PASS
IEEE 802.11n_20	36		5180	17.67		PASS
	40		5200	17.65		PASS
	48		5240	17.71		PASS
IEEE 802.11n_40	38		5190	36.43		PASS
	46		5230	36.41		PASS
IEEE 802.11ac_20	36		5180	17.78		PASS
	40		5200	17.72		PASS
	48		5240	17.66		PASS
IEEE 802.11ac_40	38		5190	36.38		PASS
	46		5230	36.41		PASS
IEEE 802.11ac_80	42		5210	65.84		PASS

Test Graphs





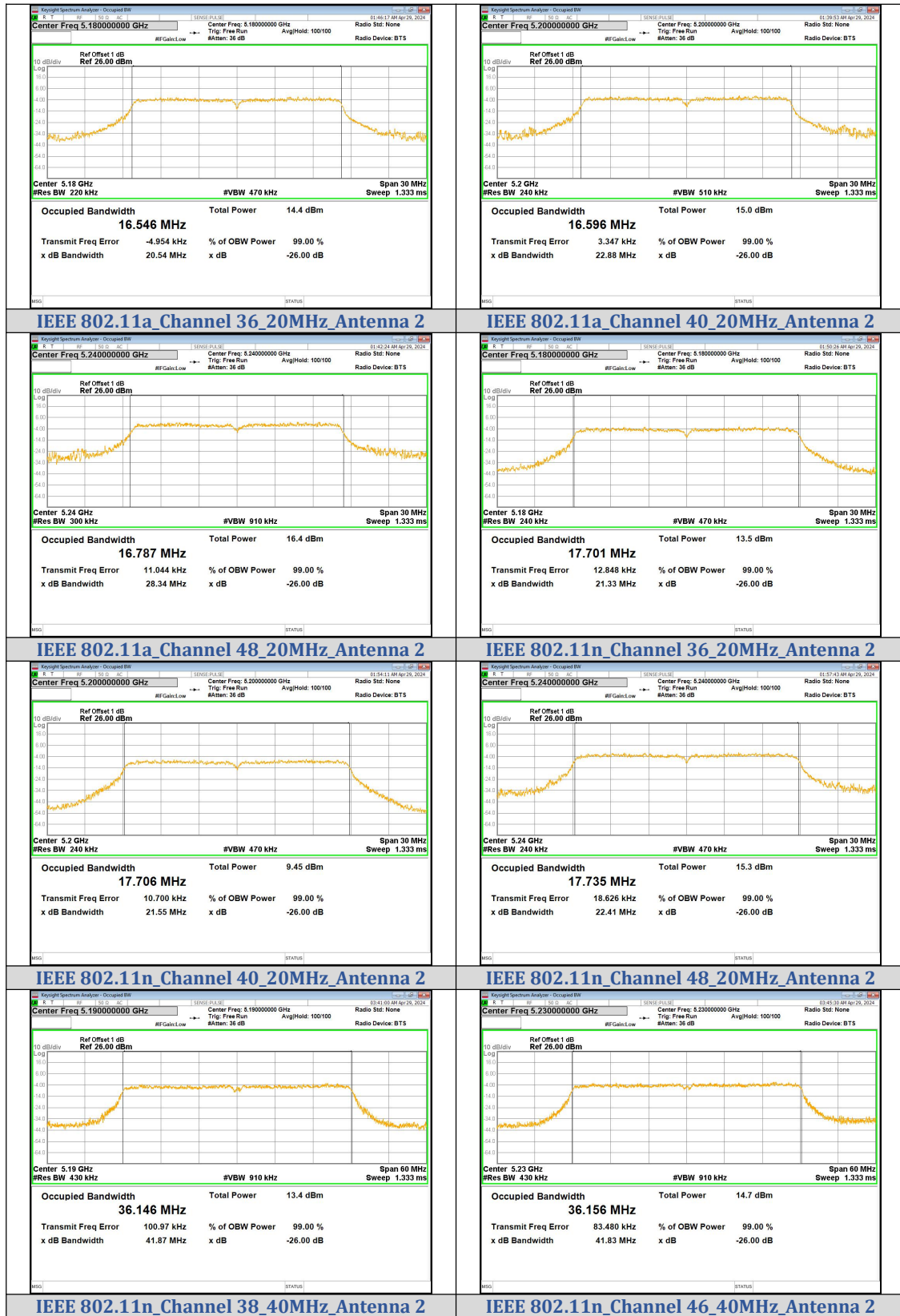
## 26dB Bandwidth

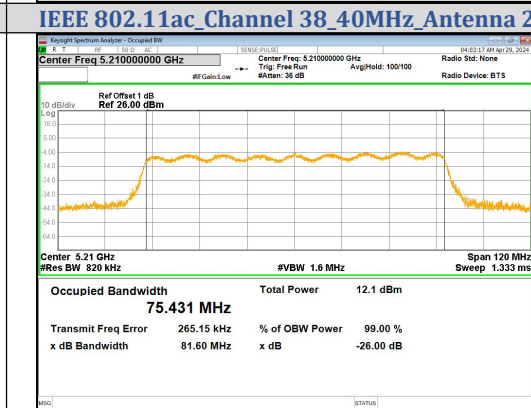
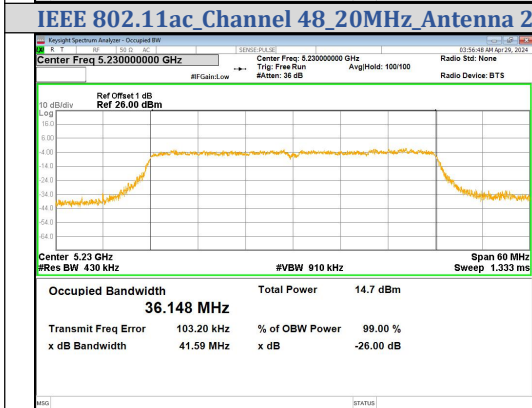
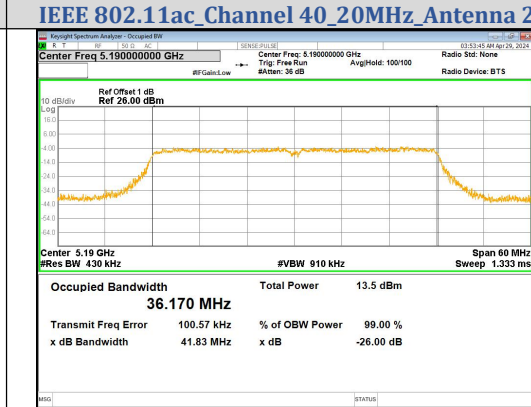
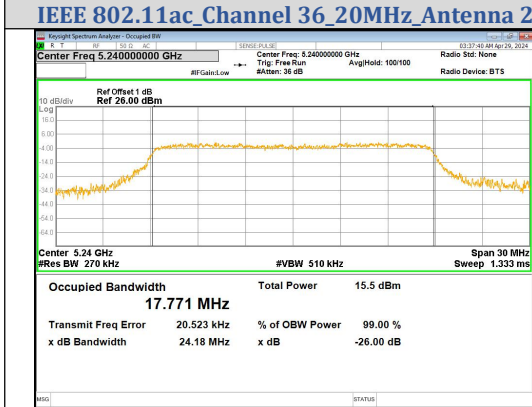
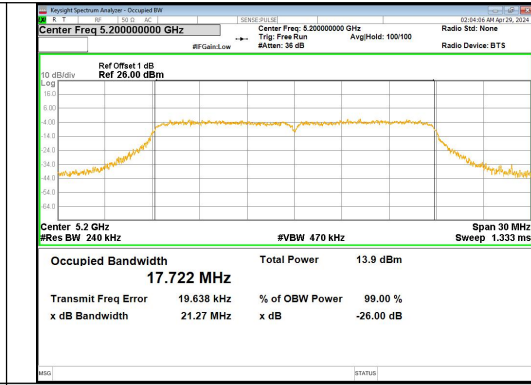
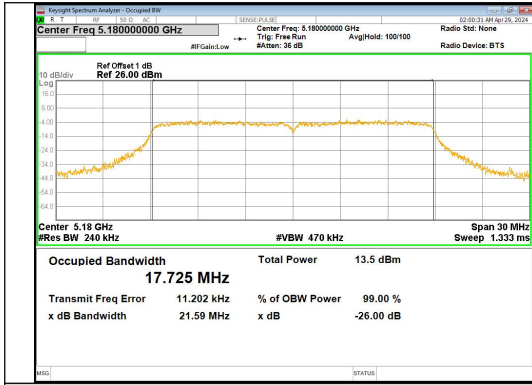
### Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	0	5180	20.54	1.11
	40		5200	22.88	1.09
	48		5240	28.34	1.06
IEEE 802.11n_20	36		5180	21.33	1.1
	40		5200	21.55	1.1
	48		5240	22.41	1.06
IEEE 802.11n_40	38		5190	41.87	1.05
	46		5230	41.83	1.05
IEEE 802.11ac_20	36		5180	21.59	1.1
	40		5200	21.27	1.12
	48		5240	24.18	1.05
IEEE 802.11ac_40	38		5190	41.83	1.06
	46		5230	41.59	1.06
IEEE 802.11ac_80	42		5210	81.60	1.02



Test Graphs





**IEEE 802.11ac Channel 46\_40MHz\_Antenna 2**

**IEEE 802.11ac Channel 42\_80MHz\_Antenna 2**

### Conducted Out Of Band Emission

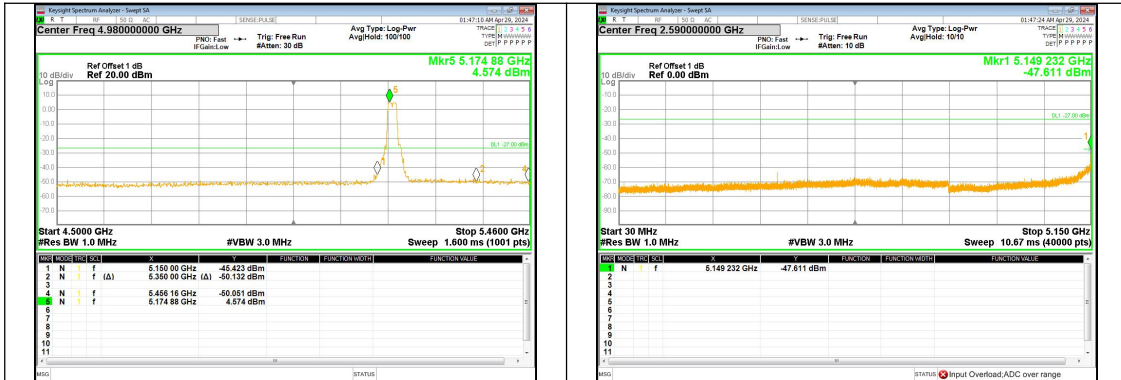
#### Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	36	0	5149.23	-47.611	-27	-20.610	PASS
			5150.00	-45.423	-27	-18	PASS
			5350.00	-50.132	-27	-23	PASS
			5456.16	-50.051	-27	-23	PASS
			24846.2	-55.310	-27	-28.310	PASS
	40		2454.12	-55.215	-27	-28.220	PASS
			5141.28	-48.935	-27	-22	PASS
			5150.00	-48.992	-27	-22	PASS
			5350.00	-50.215	-27	-23	PASS
			5355.40	-54.833	-27	-27.830	PASS
	48		5458.08	-50.006	-27	-23	PASS
			5082.93	-59.633	-27	-32.630	PASS
			5148.96	-50.632	-27	-24	PASS
			5150.00	-50.769	-27	-24	PASS
			5350.00	-50.975	-27	-24	PASS
IEEE 802.11n_20	36	5401.09	-54.545	-27	-27.550	PASS	
		5460.00	-50.922	-27	-24	PASS	
		5149.62	-46.093	-27	-19.090	PASS	
		5149.92	-46.509	-27	-20	PASS	
		5150.00	-46.509	-27	-20	PASS	
	40	5350.00	-49.859	-27	-23	PASS	
		5450.40	-49.496	-27	-22	PASS	
		6906.81	-54.778	-27	-27.780	PASS	
		5148.96	-50.187	-27	-23	PASS	
		5149.49	-58.826	-27	-31.830	PASS	
	48	5150.00	-51.247	-27	-24	PASS	
		5350.00	-50.879	-27	-24	PASS	
		5460.00	-50.223	-27	-23	PASS	
		6933.83	-53.331	-27	-26.330	PASS	
		5142.58	-59.742	-27	-32.740	PASS	
IEEE 802.11n_40	38	5149.92	-50.462	-27	-23	PASS	
		5150.00	-50.462	-27	-23	PASS	
		5350.00	-49.637	-27	-23	PASS	
		5405.51	-54.372	-27	-27.370	PASS	
		5458.08	-48.877	-27	-22	PASS	
	46	5145.52	-41.086	-27	-14.090	PASS	
		5149.92	-38.052	-27	-11	PASS	
		5150.00	-38.052	-27	-11	PASS	
		5350.00	-49.822	-27	-23	PASS	
		5453.28	-49.164	-27	-22	PASS	
	36	6920.57	-54.088	-27	-27.090	PASS	
		5106.99	-58.332	-27	-31.330	PASS	
		5144.16	-50.289	-27	-23	PASS	
		5150.00	-50.484	-27	-23	PASS	
		5350.00	-49.052	-27	-22	PASS	
IEEE 802.11ac_20	40	5423.52	-48.660	-27	-22	PASS	
		6973.62	-55.696	-27	-28.700	PASS	
		5149.36	-43.844	-27	-16.840	PASS	
		5150.00	-44.562	-27	-18	PASS	
		5350.00	-50.815	-27	-24	PASS	
36	5460.00	-50.368	-27	-23	PASS		
	6907.30	-55.051	-27	-28.050	PASS		
40	5124.91	-58.980	-27	-31.980	PASS		



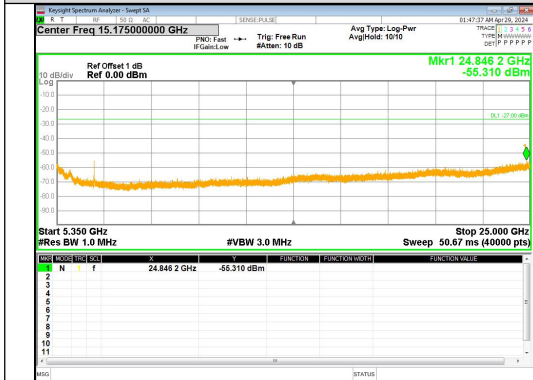
		5149.92	-50.353	-27	-23	PASS
		5150.00	-50.353	-27	-23	PASS
		5350.00	-50.879	-27	-24	PASS
		5354.91	-54.454	-27	-27.450	PASS
		5459.04	-50.468	-27	-23	PASS
	48	5113.90	-59.555	-27	-32.550	PASS
		5149.92	-50.130	-27	-23	PASS
		5150.00	-50.130	-27	-23	PASS
		5350.00	-49.862	-27	-23	PASS
		5456.16	-49.057	-27	-22	PASS
		6987.38	-54.921	-27	-27.920	PASS
IEEE 802.11ac_40	38	5148.96	-38.343	-27	-11	PASS
		5149.62	-38.106	-27	-11.110	PASS
		5150.00	-38.459	-27	-11	PASS
		5350.00	-50.490	-27	-23	PASS
		5460.00	-49.085	-27	-22	PASS
	46	6920.57	-54.310	-27	-27.310	PASS
		5146.08	-50.128	-27	-23	PASS
		5148.98	-57.807	-27	-30.810	PASS
		5150.00	-50.453	-27	-23	PASS
		5350.00	-49.948	-27	-23	PASS
IEEE 802.11ac_80	42	5444.64	-48.995	-27	-22	PASS
		24902.7	-54.861	-27	-27.860	PASS
		5148.46	-41.414	-27	-14.410	PASS
		5149.92	-41.466	-27	-14	PASS
		5150.00	-41.466	-27	-14	PASS
		5350.00	-50.422	-27	-23	PASS
		5460.00	-49.989	-27	-23	PASS
		6947.09	-52.988	-27	-25.990	PASS

Test Graphs



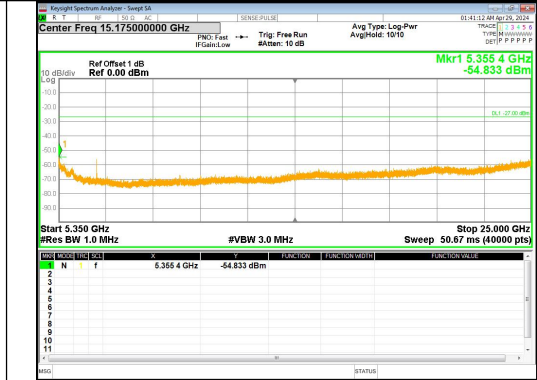
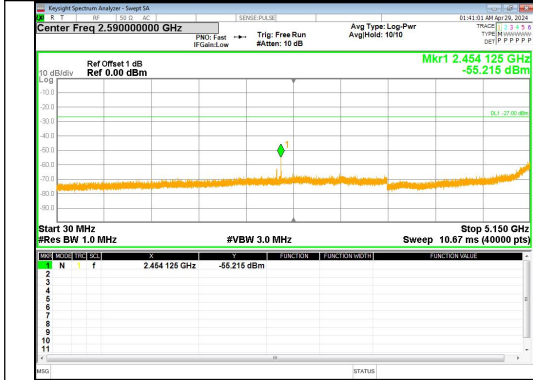
**Out Of Band Emission**  
**IEEE 802.11a\_Channel 36\_20MHz\_Antenna 2**

**Spurious Emission:30.0~5150 MHz**  
**IEEE 802.11a\_Channel 36\_20MHz\_Antenna 2**



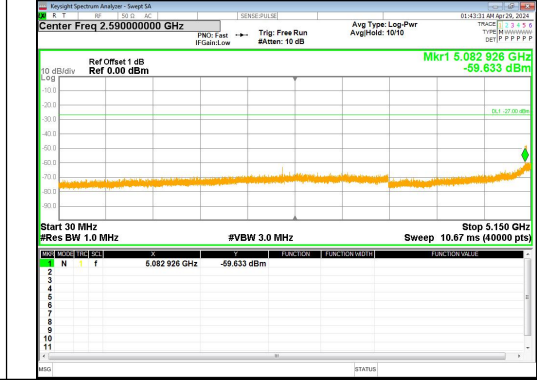
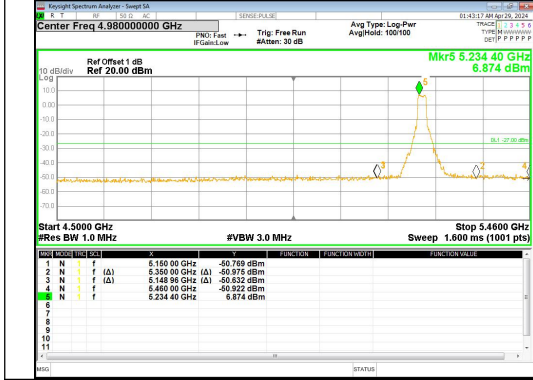
**Spurious Emission:5350~25000.0 MHz**  
**IEEE 802.11a\_Channel 36\_20MHz\_Antenna 2**

**Out Of Band Emission**  
**IEEE 802.11a\_Channel 40\_20MHz\_Antenna 2**



**Spurious Emission:30.0~5150 MHz**  
**IEEE 802.11a\_Channel 40\_20MHz\_Antenna 2**

**Spurious Emission:5350~25000.0 MHz**  
**IEEE 802.11a\_Channel 40\_20MHz\_Antenna 2**



**Out Of Band Emission**  
**IEEE 802.11a\_Channel 48\_20MHz\_Antenna 2**

**Spurious Emission:30.0~5150 MHz**  
**IEEE 802.11a\_Channel 48\_20MHz\_Antenna 2**