

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



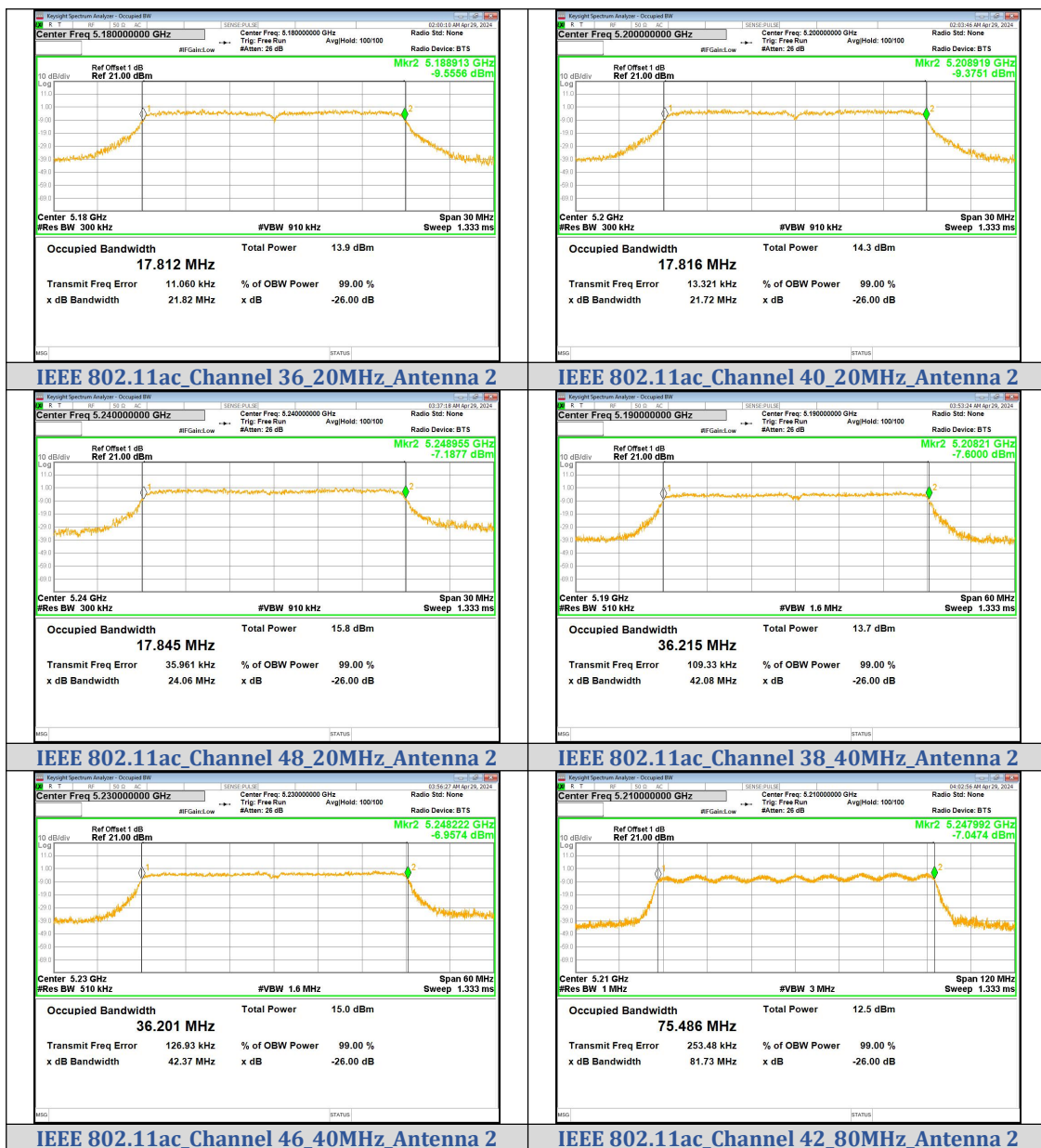
99% Bandwidth

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





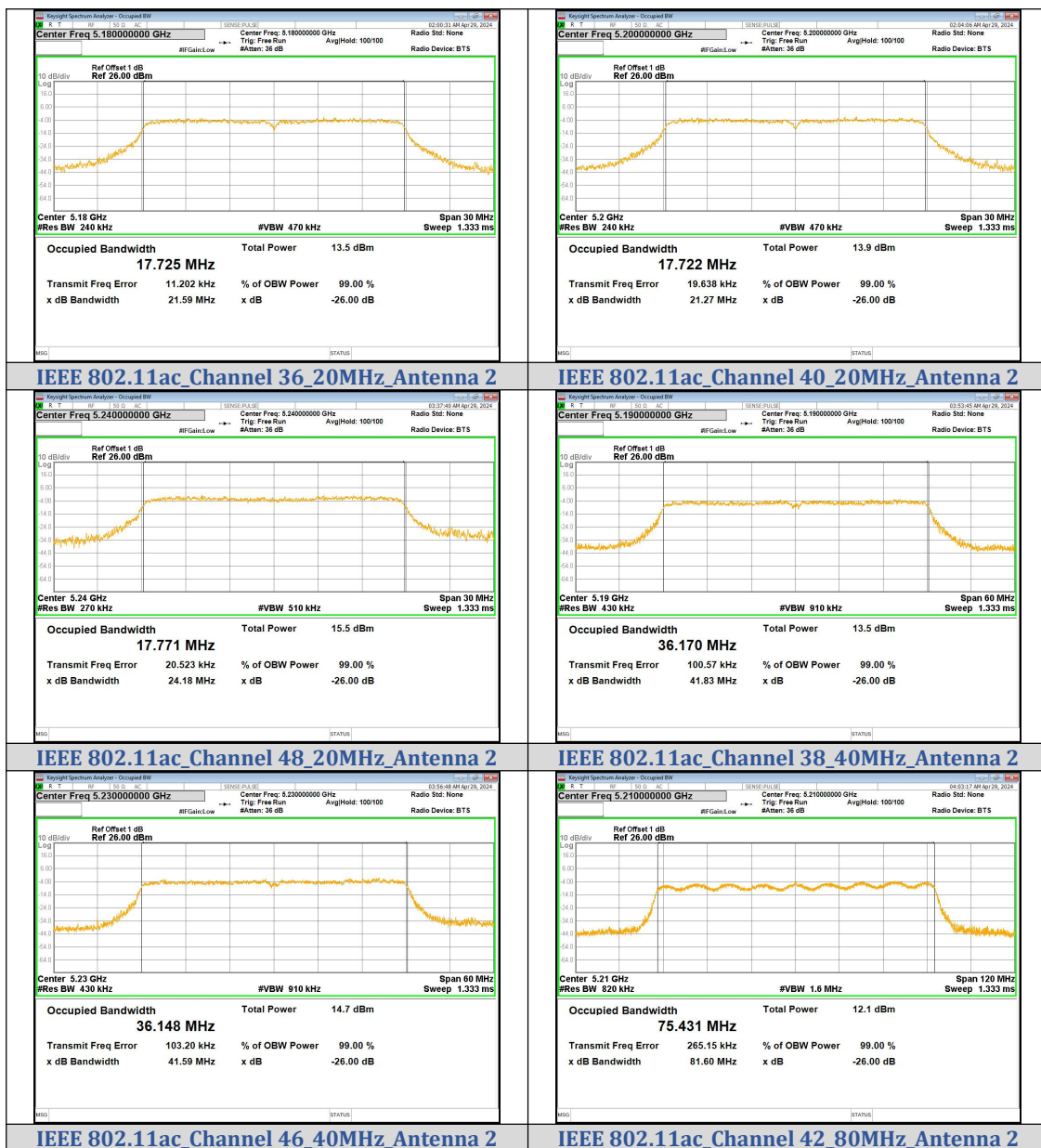
26dB Bandwidth

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





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
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
5350.00				-49.859	-27	-23	PASS
40			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
			5150.00	-51.247	-27	-24	PASS
			5350.00	-50.879	-27	-24	PASS
48			5460.00	-50.223	-27	-23	PASS
			6933.83	-53.331	-27	-26.330	PASS
			5142.58	-59.742	-27	-32.740	PASS
			5149.92	-50.462	-27	-23	PASS
	5150.00		-50.462	-27	-23	PASS	
	5350.00		-49.637	-27	-23	PASS	
IEEE 802.11n_40	38		5405.51	-54.372	-27	-27.370	PASS
			5458.08	-48.877	-27	-22	PASS
			5145.52	-41.086	-27	-14.090	PASS
			5149.92	-38.052	-27	-11	PASS
			5150.00	-38.052	-27	-11	PASS
	46		5350.00	-49.822	-27	-23	PASS
			5453.28	-49.164	-27	-22	PASS
			6920.57	-54.088	-27	-27.090	PASS
			5106.99	-58.332	-27	-31.330	PASS
			5144.16	-50.289	-27	-23	PASS
IEEE 802.11ac_20	36		5150.00	-50.484	-27	-23	PASS
			5350.00	-49.052	-27	-22	PASS
			5423.52	-48.660	-27	-22	PASS
			6973.62	-55.696	-27	-28.700	PASS
			5149.36	-43.844	-27	-16.840	PASS
	40	5150.00	-44.562	-27	-18	PASS	
		5350.00	-50.815	-27	-24	PASS	
IEEE 802.11ac_20	36	5460.00	-50.368	-27	-23	PASS	
		6907.30	-55.051	-27	-28.050	PASS	
		5124.91	-58.980	-27	-31.980	PASS	



	48	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
		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
		5148.96	-38.343	-27	-11	PASS
IEEE 802.11ac_40	38	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
		6920.57	-54.310	-27	-27.310	PASS
	46	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
		5444.64	-48.995	-27	-22	PASS
IEEE 802.11ac_80	42	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

