

Conducted Peak Output Power

Conducted output power

Mode	Channel	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	9.344	11.73	30	PASS
	157	9.485	11.86	30	PASS
	165	10.091	12.48	30	PASS
IEEE 802.11n_20	149	8.528	11.04	30	PASS
	157	8.641	11.15	30	PASS
	165	9.150	11.66	30	PASS
IEEE 802.11n_40	151	7.462	11.56	30	PASS
	159	7.756	11.86	30	PASS
IEEE 802.11ac_20	149	8.512	11.02	30	PASS
	157	8.651	11.16	30	PASS
	165	9.143	11.65	30	PASS
IEEE 802.11ac_40	151	7.526	11.61	30	PASS
	159	7.757	11.84	30	PASS
IEEE 802.11ac_80	155	4.540	10.69	30	PASS

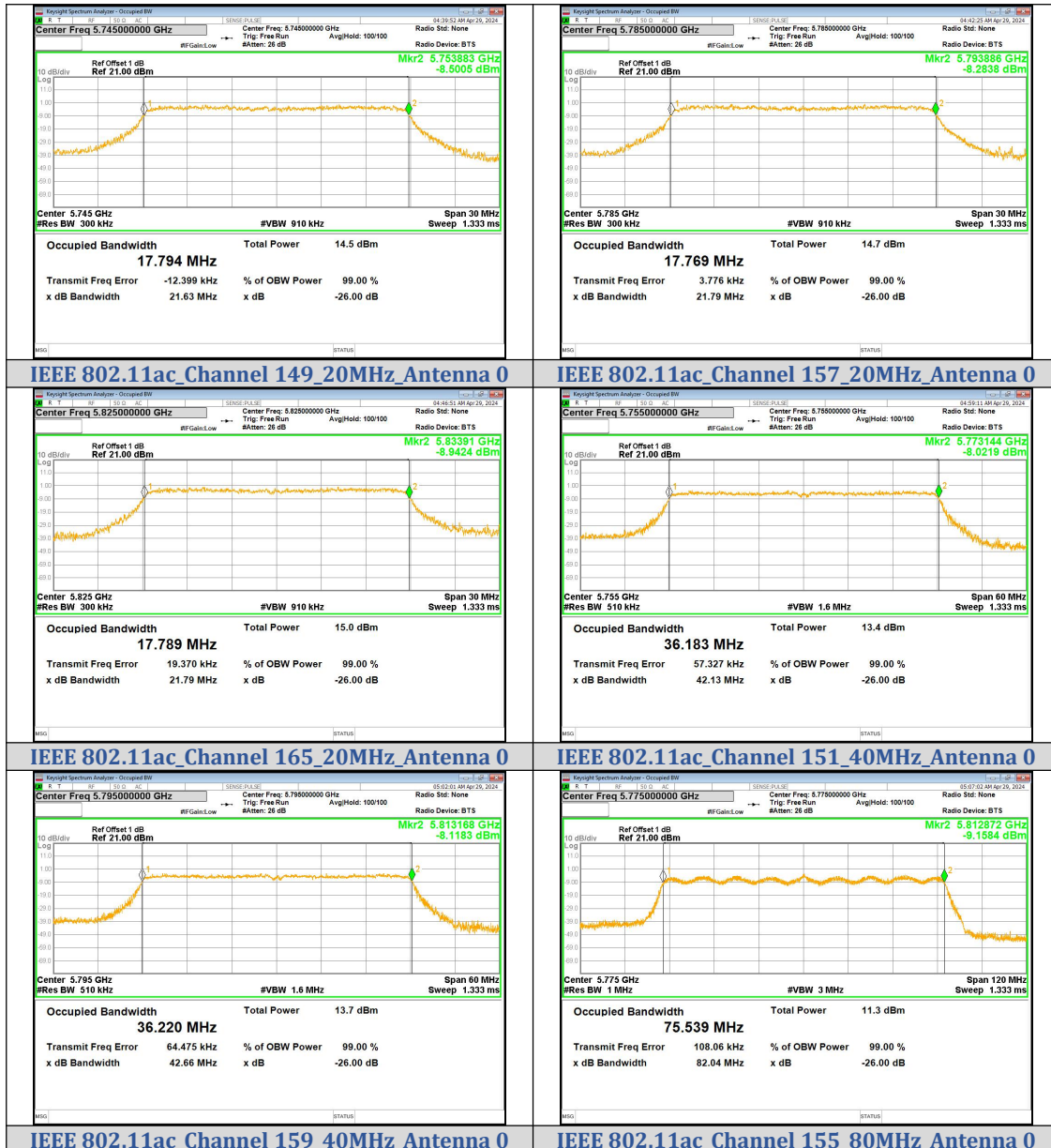
99% Bandwidth

Test Result

Mode	Channel	Ant.	99% BW (MHz)
IEEE 802.11a	149	0	16.698
	157		16.708
	165		16.721
IEEE 802.11n_20	149		17.739
	157		17.757
	165		17.748
IEEE 802.11n_40	151		36.239
	159		36.166
IEEE 802.11ac_20	149		17.794
	157		17.769
	165		17.789
IEEE 802.11ac_40	151		36.183
	159		36.220
IEEE 802.11ac_80	155		75.539

Test Graphs





6dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	16.53	0.5	PASS
	157		5785	16.53		PASS
	165		5825	16.52		PASS
IEEE 802.11n_20	149		5745	17.68		PASS
	157		5785	17.64		PASS
	165		5825	17.73		PASS
IEEE 802.11n_40	151		5755	36.34		PASS
	159		5795	36.33		PASS
IEEE 802.11ac_20	149		5745	17.65		PASS
	157		5785	17.65		PASS
	165		5825	17.67		PASS
IEEE 802.11ac_40	151		5755	36.31		PASS
	159		5795	36.31		PASS
IEEE 802.11ac_80	155		5775	0.1760		FAIL

Test Graphs





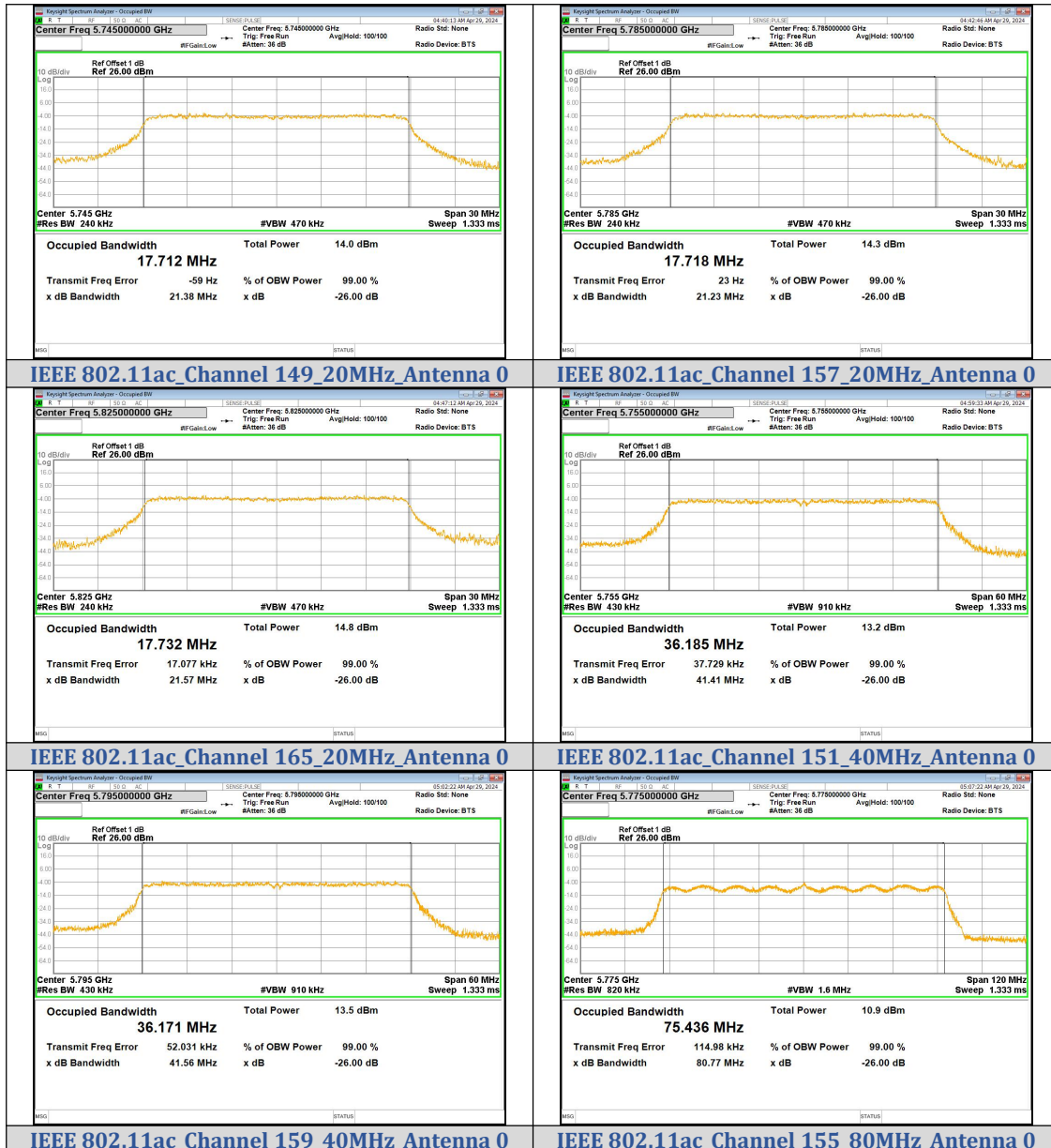
26dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	149	0	5745	20.56	1.11
	157		5785	20.84	1.11
	165		5825	25.90	1.16
IEEE 802.11n_20	149		5745	21.47	1.1
	157		5785	21.56	1.08
	165		5825	21.73	1.1
IEEE 802.11n_40	151		5755	41.78	1.06
	159		5795	41.97	1.05
IEEE 802.11ac_20	149		5745	21.38	1.11
	157		5785	21.23	1.12
	165		5825	21.57	1.1
IEEE 802.11ac_40	151		5755	41.41	1.06
	159		5795	41.56	1.06
IEEE 802.11ac_80	155		5775	80.77	1.04

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	149	0	5614.31	-57.058	-27	-30.060	PASS
			5642.38	-47.920	-27	-20.920	PASS
			5725.00	-31.111	27	-58.110	PASS
			5850.00	-50.715	27	-77.720	PASS
			5962.62	-48.611	-27	-21.611	PASS
			24957.6	-55.670	-27	-28.670	PASS
	157		5619.79	-57.128	-27	-30.130	PASS
			5621.38	-49.317	-27	-22.317	PASS
			5725.00	-51.628	27	-78.630	PASS
			5850.00	-50.863	27	-77.860	PASS
			5942.17	-54.819	-27	-27.820	PASS
			5963.00	-48.379	-27	-21.379	PASS
	165		5627.75	-49.288	-27	-22.288	PASS
			5637.78	-58.032	-27	-31.030	PASS
			5725.00	-51.823	27	-78.820	PASS
			5850.00	-32.013	27	-59.010	PASS
			5927.38	-48.233	-27	-21.233	PASS
			5945.03	-54.472	-27	-27.470	PASS
IEEE 802.11n_20	149		5592.11	-55.946	-27	-28.950	PASS
			5620.25	-49.184	-27	-22.184	PASS
			5725.00	-31.132	27	-58.130	PASS
			5850.00	-51.763	27	-78.760	PASS
			5945.00	-48.897	-27	-21.897	PASS
			24871.2	-56.160	-27	-29.160	PASS
	157		2454.81	-55.419	-27	-28.420	PASS
			5602.25	-49.188	-27	-22.188	PASS
			5725.00	-51.942	27	-78.940	PASS
			5850.00	-50.526	27	-77.530	PASS
			5938.35	-54.250	-27	-27.250	PASS
			5952.88	-47.855	-27	-20.855	PASS
	165		5620.49	-58.087	-27	-31.090	PASS
			5621.75	-48.387	-27	-21.387	PASS
			5725.00	-52.219	27	-79.220	PASS
			5850.00	-33.535	27	-60.530	PASS
			5926.43	-54.879	-27	-27.880	PASS
			5934.88	-48.658	-27	-21.658	PASS
IEEE 802.11n_40	151		2454.95	-54.803	-27	-27.800	PASS
			5642.75	-49.568	-27	-22.568	PASS
			5725.00	-33.461	27	-60.460	PASS
			5850.00	-50.224	27	-77.220	PASS
			5926.91	-56.341	-27	-29.340	PASS
			5946.50	-48.440	-27	-21.439	PASS
	159		2454.81	-54.824	-27	-27.820	PASS
			5607.88	-49.209	-27	-22.209	PASS
			5725.00	-49.484	27	-76.480	PASS
			5850.00	-48.517	27	-75.520	PASS
			5924.75	-47.783	-26.815	-20.968	PASS
			24876.5	-54.859	-27	-27.860	PASS
IEEE 802.11ac_20	149		5628.12	-48.420	-27	-21.420	PASS
			5636.79	-56.244	-27	-29.240	PASS
			5725.00	-31.296	27	-58.300	PASS
			5850.00	-51.422	27	-78.420	PASS
			5954.38	-49.042	-27	-22.042	PASS

	157	24877.4	-56.190	-27	-29.190	PASS
		2454.53	-55.695	-27	-28.700	PASS
		5607.88	-49.725	-27	-22.725	PASS
		5725.00	-52.167	27	-79.170	PASS
		5850.00	-50.405	27	-77.410	PASS
		5940.88	-48.639	-27	-21.639	PASS
	165	5949.80	-54.149	-27	-27.150	PASS
		5578.48	-57.825	-27	-30.830	PASS
		5601.12	-49.124	-27	-22.124	PASS
		5725.00	-52.379	27	-79.380	PASS
		5850.00	-34.822	27	-61.820	PASS
		5931.88	-48.747	-27	-21.747	PASS
		5949.32	-55.308	-27	-28.310	PASS
IEEE 802.11ac_40	151	2454.39	-55.022	-27	-28.020	PASS
		5634.50	-48.465	-27	-21.465	PASS
		5725.00	-33.746	27	-60.750	PASS
		5850.00	-51.288	27	-78.290	PASS
		5926.25	-48.261	-27	-21.261	PASS
		24938.0	-55.693	-27	-28.690	PASS
	159	5609.38	-49.961	-27	-22.961	PASS
		5635.39	-57.830	-27	-30.830	PASS
		5725.00	-51.475	27	-78.470	PASS
		5850.00	-46.641	27	-73.640	PASS
		5932.63	-54.539	-27	-27.540	PASS
		5971.25	-48.397	-27	-21.397	PASS
IEEE 802.11ac_80	155	5631.12	-49.192	-27	-22.192	PASS
		5642.55	-57.605	-27	-30.600	PASS
		5725.00	-38.677	27	-65.680	PASS
		5850.00	-50.113	27	-77.110	PASS
		5952.12	-48.081	-27	-21.081	PASS
		24981.4	-56.411	-27	-29.410	PASS

Test Graphs

