

Appendix C of data

C1.Maximum Peak conducted output power

Test Result

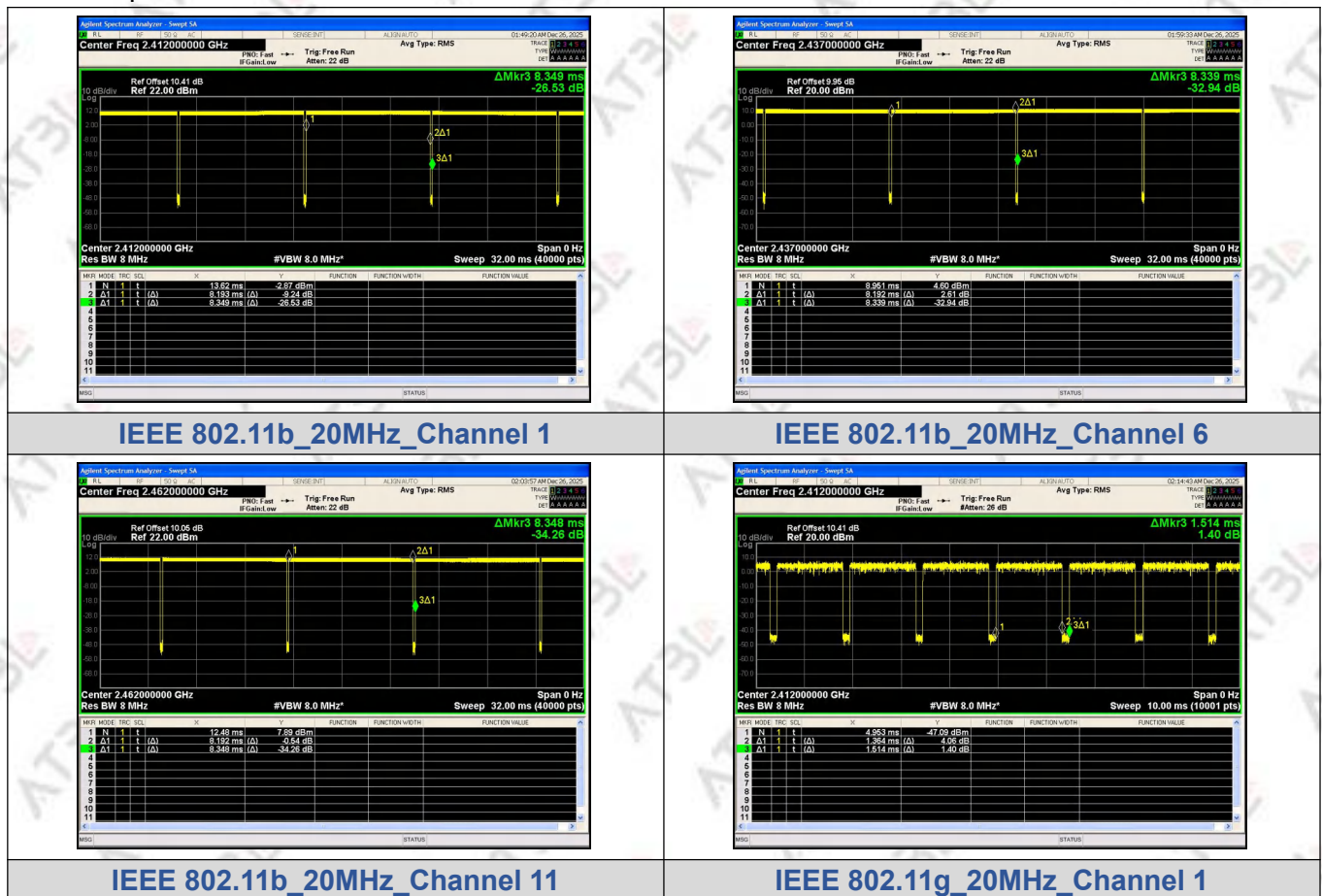
Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	14.37	≤30	PASS
	6	13.23	≤30	PASS
	11	14.59	≤30	PASS
IEEE 802.11g	1	14.90	≤30	PASS
	6	14.29	≤30	PASS
	11	14.89	≤30	PASS
IEEE 802.11n_20	1	14.63	≤30	PASS
	6	13.66	≤30	PASS
	11	15.00	≤30	PASS
IEEE 802.11n_40	3	14.84	≤30	PASS
	6	14.40	≤30	PASS
	9	14.38	≤30	PASS

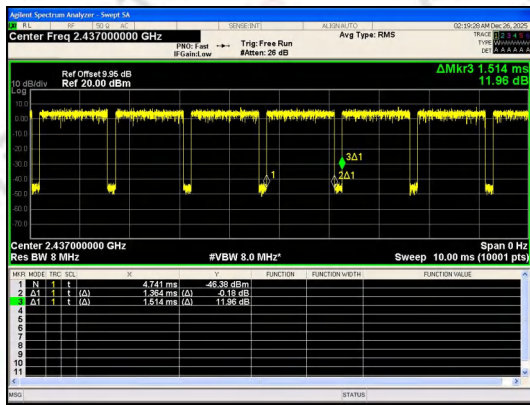
C2.Duty Cycle

Test Result

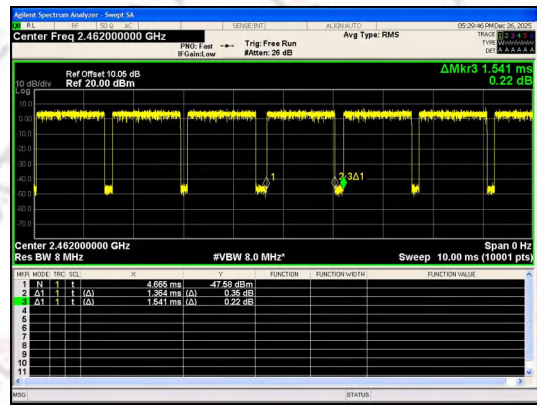
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11b	1	1	1	8.193	8.349	98.13	0.9813	0.082
		6		8.192	8.339	98.23	0.9823	0.0776
		11		8.192	8.348	98.13	0.9813	0.082
IEEE 802.11g	6	1		1.364	1.514	90.09	0.9009	0.4532
		6		1.364	1.514	90.09	0.9009	0.4532
		11		1.364	1.541	88.51	0.8851	0.5301
IEEE 802.11n_20	MCS 0	1		1.153	1.302	88.56	0.8856	0.5276
		6		1.151	1.302	88.45	0.8845	0.533
		11		1.153	1.302	88.56	0.8856	0.5276
IEEE 802.11n_40		3		0.575	0.726	79.18	0.7918	1.0138
		6		0.574	0.725	79.17	0.7917	1.0144
		9		0.574	0.725	79.17	0.7917	1.0144

Test Graphs

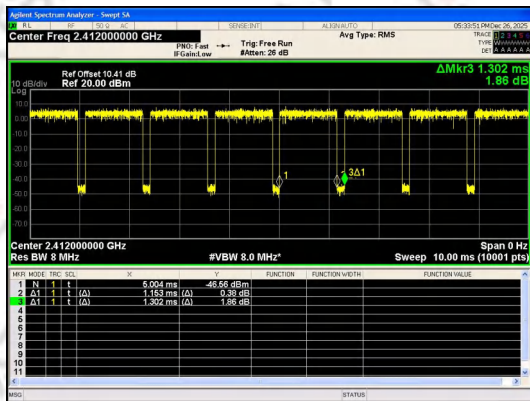




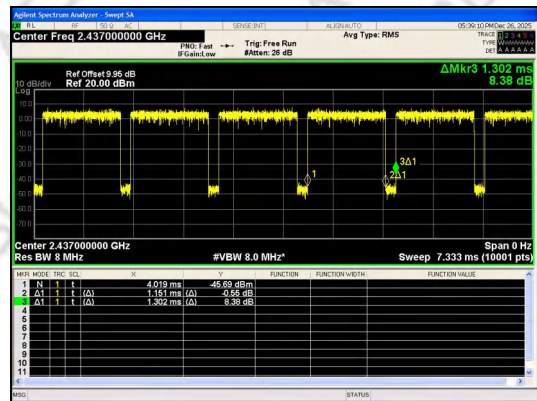
IEEE 802.11g_20MHz_Channel 6



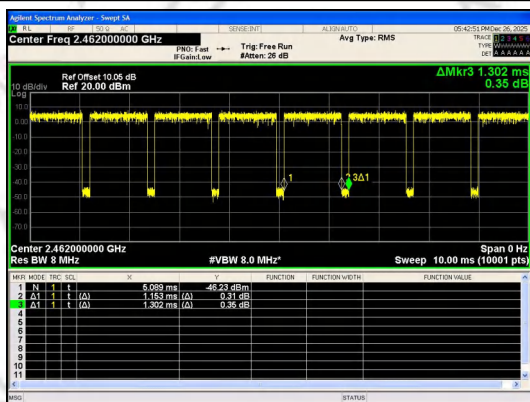
IEEE 802.11g_20MHz_Channel 11



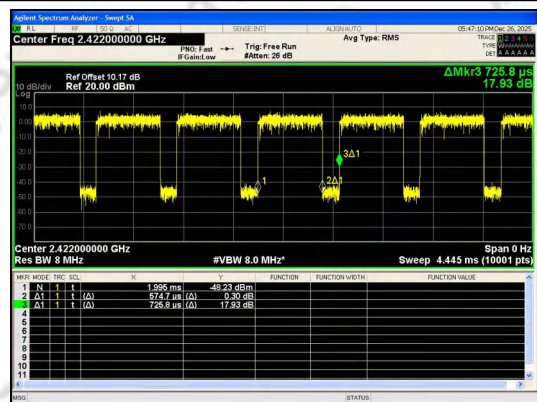
IEEE 802.11n_20MHz_Channel 1



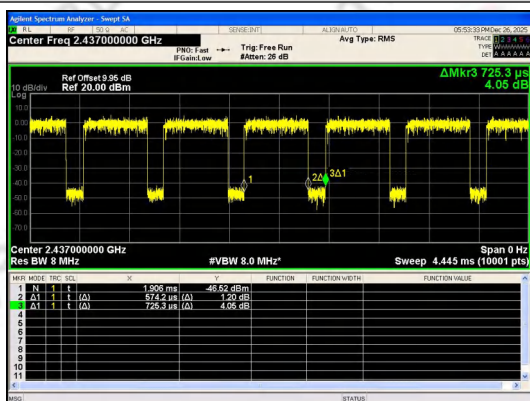
IEEE 802.11n_20MHz_Channel 6



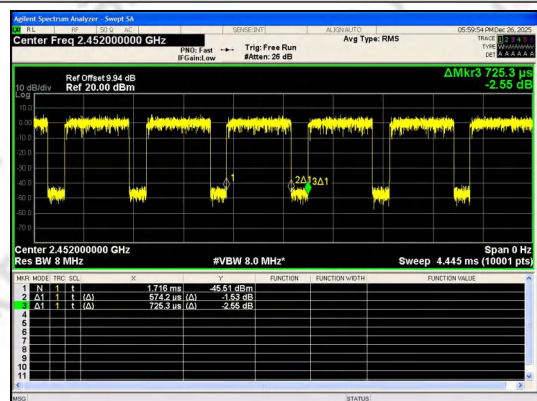
IEEE 802.11n_20MHz_Channel 11



IEEE 802.11n_40MHz_Channel 3



IEEE 802.11n_40MHz_Channel 6



IEEE 802.11n_40MHz_Channel 9

C3.6dB Bandwidth

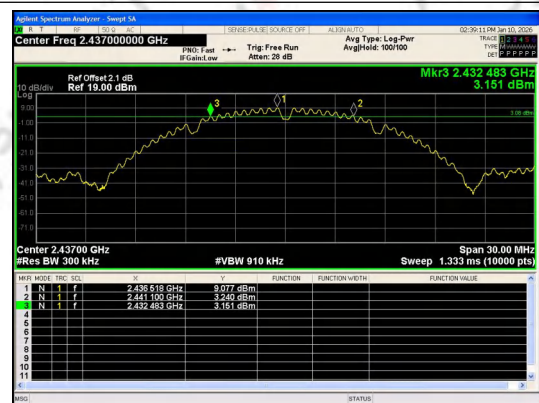
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	8.150	≥0.5	PASS
	6		2437	8.620		PASS
	11		2462	8.630		PASS
IEEE 802.11g	1		2412	15.92		PASS
	6		2437	17.41		PASS
	11		2462	17.19		PASS
IEEE 802.11n_20	1		2412	15.76		PASS
	6		2437	17.46		PASS
	11		2462	16.43		PASS
IEEE 802.11n_40	3		2422	35.93		PASS
	6		2437	35.82		PASS
	9		2452	32.81		PASS

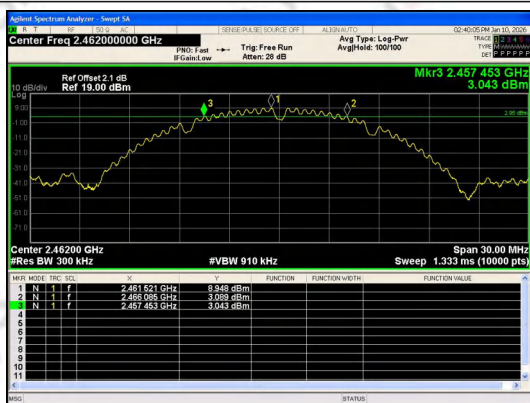
Test Graphs



IEEE 802.11b_Channel 1_20MHz_Antenna 0



IEEE 802.11b_Channel 6_20MHz_Antenna 0



IEEE 802.11b_Channel 11_20MHz_Antenna 0



IEEE 802.11g_Channel 1_20MHz_Antenna 0



IEEE 802.11g_Channel 6_20MHz_Antenna 0



IEEE 802.11g_Channel 11_20MHz_Antenna 0



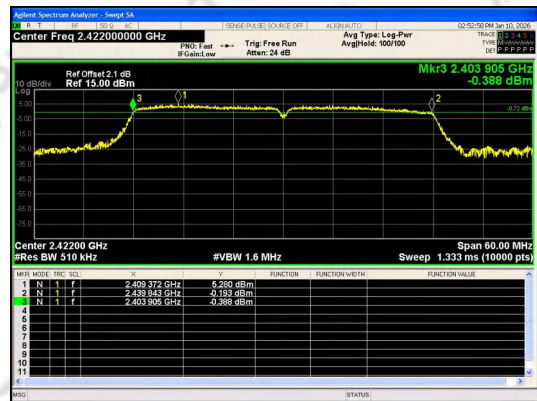
IEEE 802.11n_Channel 1_20MHz_Antenna 0



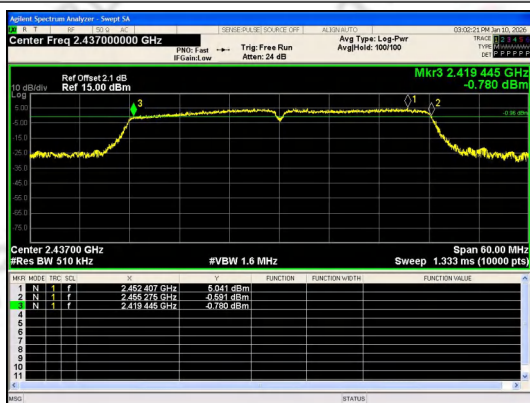
IEEE 802.11n_Channel 6_20MHz_Antenna 0



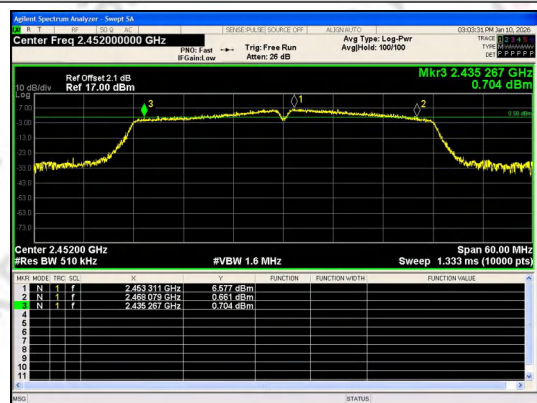
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



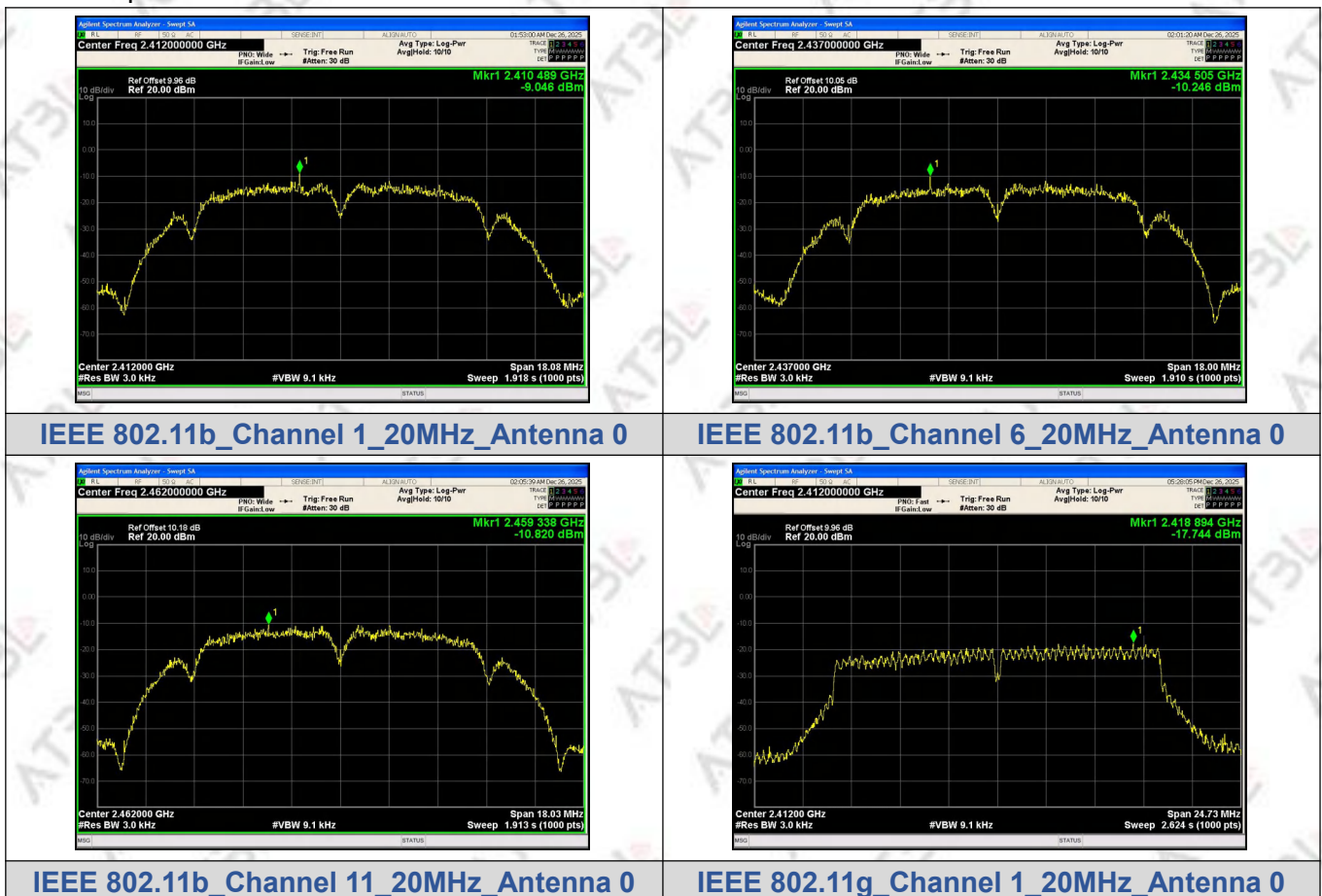
IEEE 802.11n_Channel 9_40MHz_Antenna 0

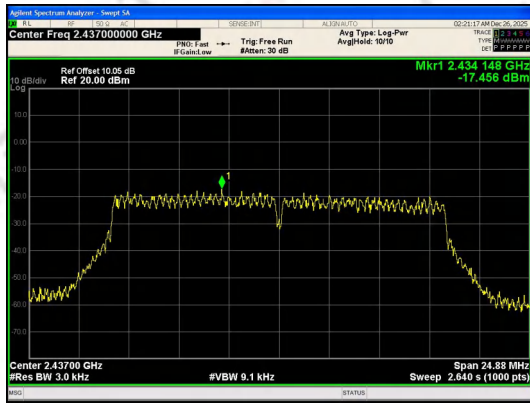
C4.Power Spectral Density

Test Result

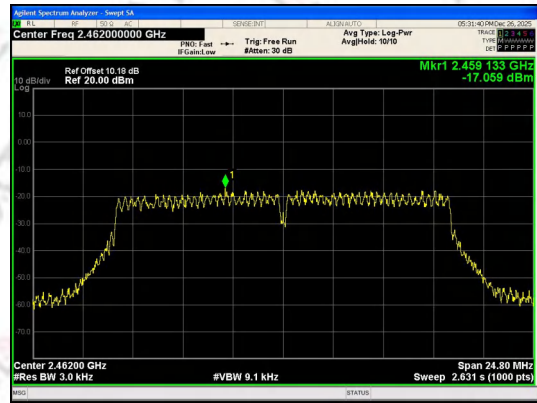
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-9.050	≤8	PASS
	6	-10.250		PASS
	11	-10.820		PASS
IEEE 802.11g	1	-17.740		PASS
	6	-17.460		PASS
	11	-17.060		PASS
IEEE 802.11n_20	1	-18.030		PASS
	6	-18.350		PASS
	11	-17.240		PASS
IEEE 802.11n_40	3	-26.500		PASS
	6	-19.370		PASS
	9	-20.890		PASS

Test Graphs

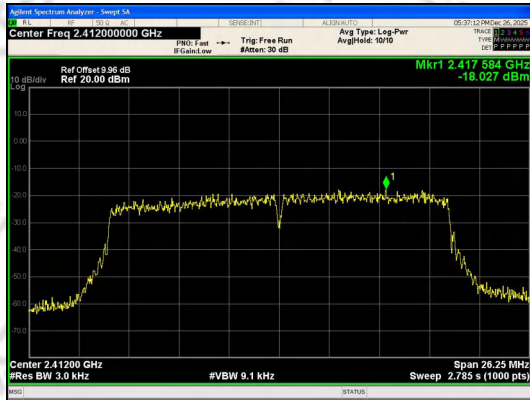




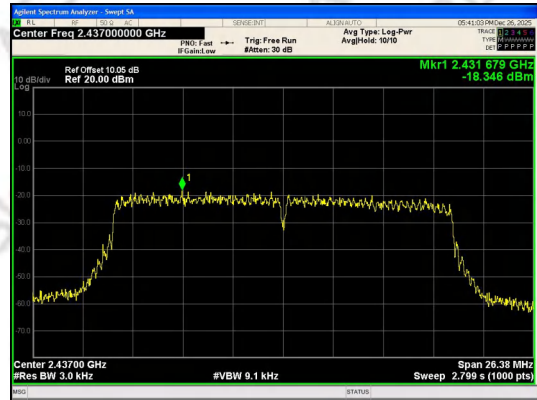
IEEE 802.11g_Channel 6_20MHz_Antenna 0



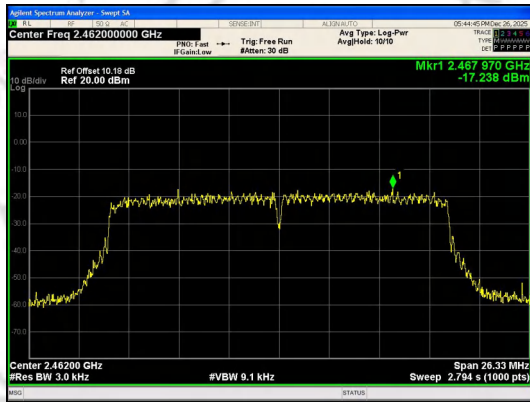
IEEE 802.11g_Channel 11_20MHz_Antenna 0



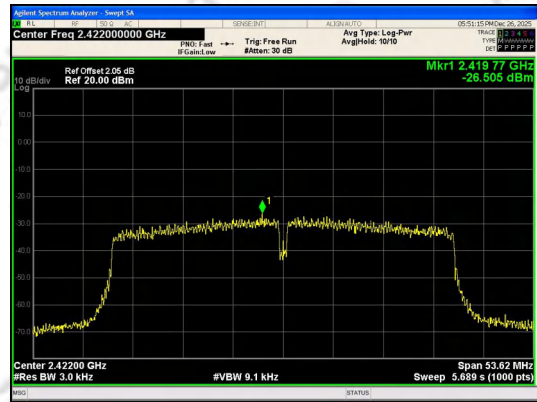
IEEE 802.11n_Channel 1_20MHz_Antenna 0



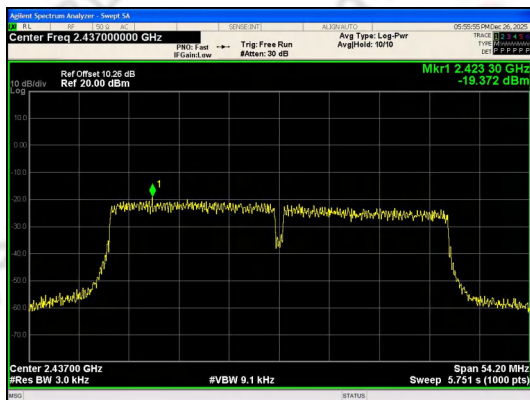
IEEE 802.11n_Channel 6_20MHz_Antenna 0



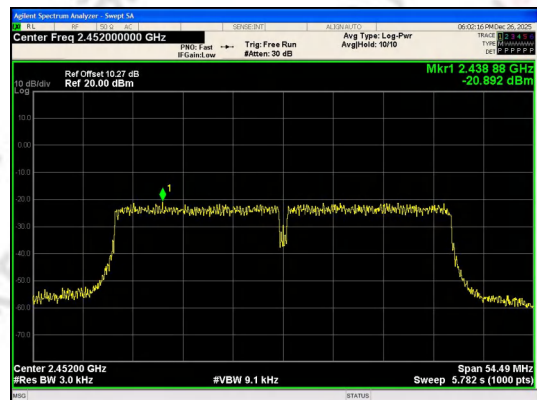
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



IEEE 802.11n_Channel 9_40MHz_Antenna 0

C5.Conducted Band Edge and Conducted Spurious Emission

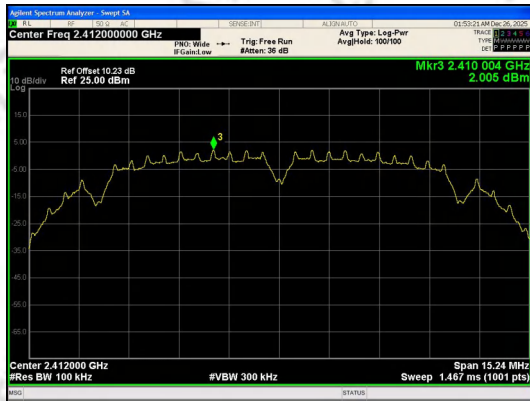
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2397.23	-40.631	-17.99	-22.641	PASS
			2400.00	-44.332	-17.99	-26.342	PASS
			4824.20	-51.824	-17.99	-33.834	PASS
			7227.60	-56.148	-17.99	-38.158	PASS
			9667.20	-57.185	-17.99	-39.195	PASS
			24913.2	-41.600	-17.99	-23.610	PASS
	6		4874.18	-52.638	-26.47	-26.168	PASS
			7298.77	-55.096	-26.47	-28.626	PASS
			9742.08	-57.290	-26.47	-30.820	PASS
			24900.1	-42.657	-26.47	-16.187	PASS
	11		2483.50	-43.560	-17.25	-26.310	PASS
			4924.12	-50.729	-17.25	-33.479	PASS
			7377.42	-55.828	-17.25	-38.578	PASS
			9863.81	-56.010	-17.25	-38.760	PASS
			24839.6	-43.163	-17.25	-25.913	PASS
IEEE 802.11g	1		2398.79	-36.289	-22.85	-13.439	PASS
			2400.00	-37.444	-22.85	-14.594	PASS
			4826.70	-57.469	-22.85	-34.619	PASS
			7234.50	-55.745	-22.85	-32.895	PASS
			9650.90	-57.733	-22.85	-34.883	PASS
			24858.3	-41.709	-22.85	-18.859	PASS
	6		4884.17	-57.377	-23.67	-33.707	PASS
			7329.98	-57.440	-23.67	-33.770	PASS
			9737.09	-57.760	-23.67	-34.090	PASS
			24834.6	-43.323	-23.67	-19.653	PASS
	11		2483.50	-45.104	-22.85	-22.254	PASS
			4927.24	-56.779	-22.85	-33.929	PASS
			7386.79	-56.797	-22.85	-33.947	PASS
			9861.31	-58.413	-22.85	-35.563	PASS
			24883.3	-44.042	-22.85	-21.192	PASS
IEEE 802.11n_20	1		2398.53	-37.659	-23.3	-14.359	PASS
			2400.00	-38.597	-23.3	-15.297	PASS
			4839.80	-57.481	-23.3	-34.181	PASS
			7237.00	-56.957	-23.3	-33.657	PASS
			9649.10	-58.620	-23.3	-35.320	PASS
			24857.7	-43.064	-23.3	-19.764	PASS
	6		4876.05	-58.886	-24.08	-34.806	PASS
			7297.52	-57.124	-24.08	-33.044	PASS
			9760.81	-59.506	-24.08	-35.426	PASS

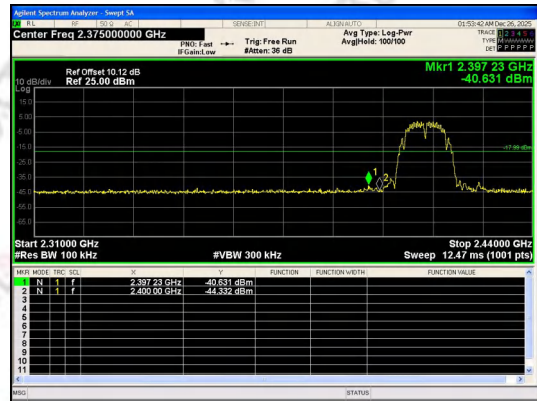
	11	24835.8	-43.553	-24.08	-19.473	PASS
		2483.50	-44.395	-23.05	-21.345	PASS
		4912.88	-57.525	-23.05	-34.475	PASS
		7384.91	-57.114	-23.05	-34.064	PASS
		9842.59	-58.818	-23.05	-35.768	PASS
		24831.5	-43.248	-23.05	-20.198	PASS
IEEE 802.11n_40	3	2398.01	-37.993	-24.64	-13.353	PASS
		2400.00	-40.086	-24.64	-15.446	PASS
		4880.40	-58.283	-24.64	-33.643	PASS
		7279.40	-57.035	-24.64	-32.395	PASS
		9662.20	-58.237	-24.64	-33.597	PASS
		24921.3	-43.499	-24.64	-18.859	PASS
	6	4869.81	-58.460	-25.23	-33.230	PASS
		7318.12	-56.814	-25.23	-31.584	PASS
		9731.47	-58.834	-25.23	-33.605	PASS
		24924.5	-44.064	-25.23	-18.834	PASS
	9	2483.50	-42.654	-26.11	-16.544	PASS
		4912.88	-57.379	-26.11	-31.269	PASS
		7383.66	-56.087	-26.11	-29.977	PASS
		9839.46	-58.654	-26.11	-32.544	PASS
		24800.2	-44.002	-26.11	-17.892	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

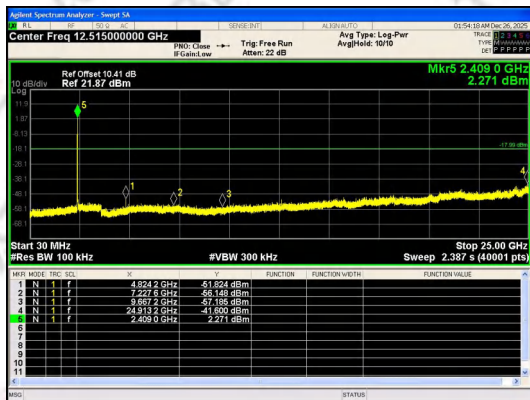
Test Graphs



In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0



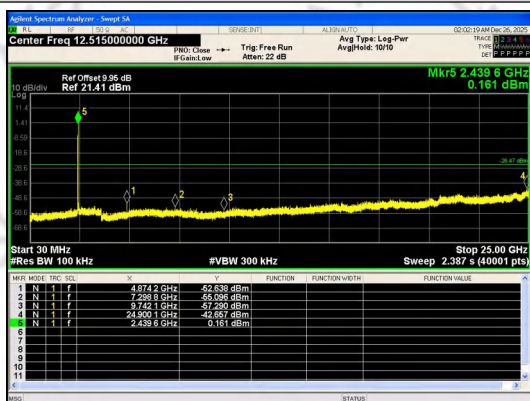
Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



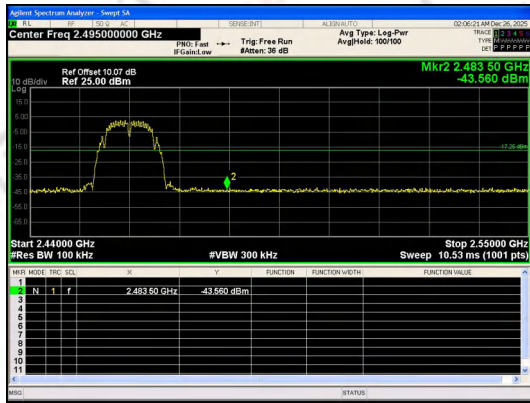
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



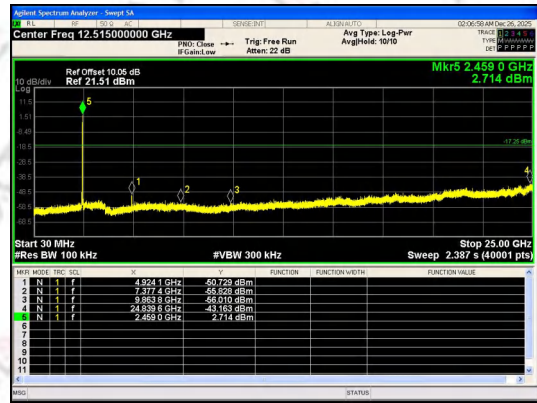
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



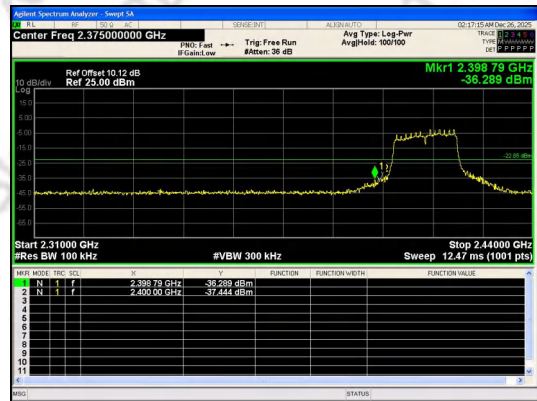
Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



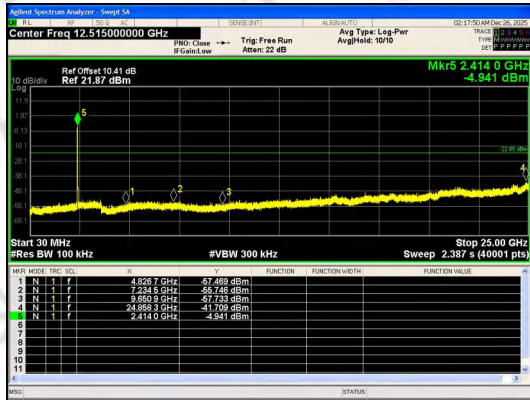
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0



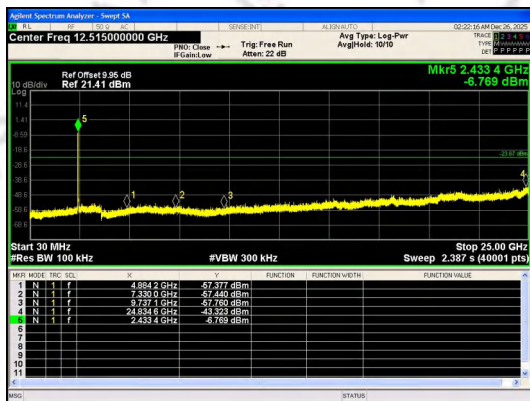
Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0



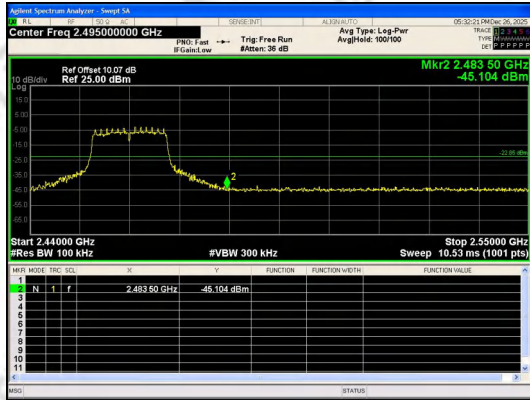
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 1_20MHz_Antenna 0



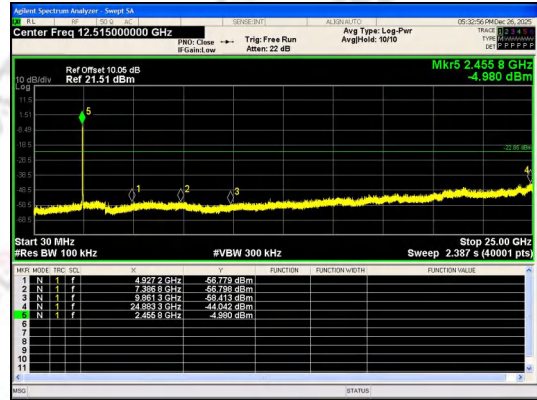
In-Band Reference Level
IEEE 802.11g_Channel 6_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz IEEE 802.11g_Channel 6_20MHz_Antenna 0



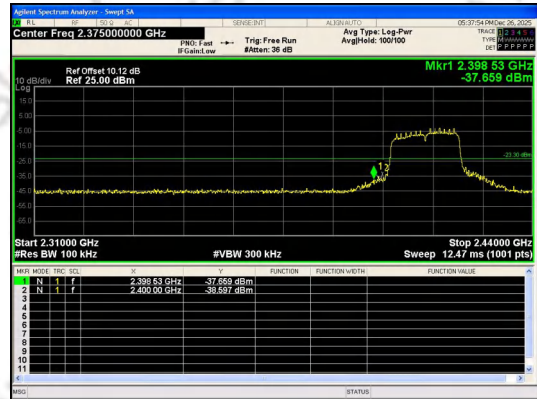
In-Band Reference Level IEEE 802.11g_Channel 11_20MHz_Antenna 0



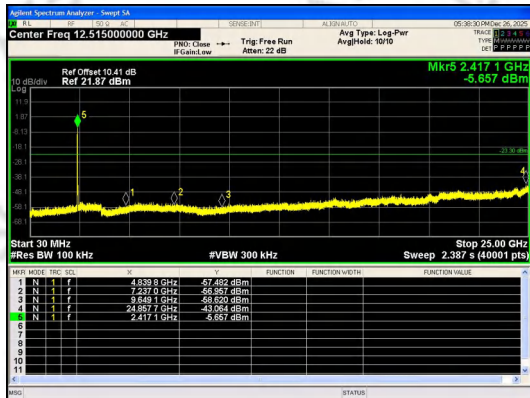
Out Of Band Emission IEEE 802.11g_Channel 11_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz IEEE 802.11g_Channel 11_20MHz_Antenna 0



In-Band Reference Level IEEE 802.11n_Channel 1_20MHz_Antenna 0

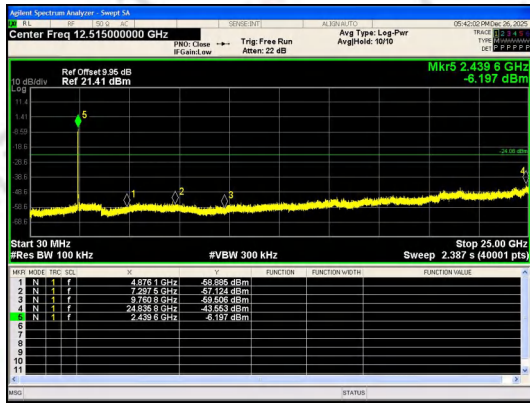


Out Of Band Emission IEEE 802.11n_Channel 1_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 1_20MHz_Antenna 0

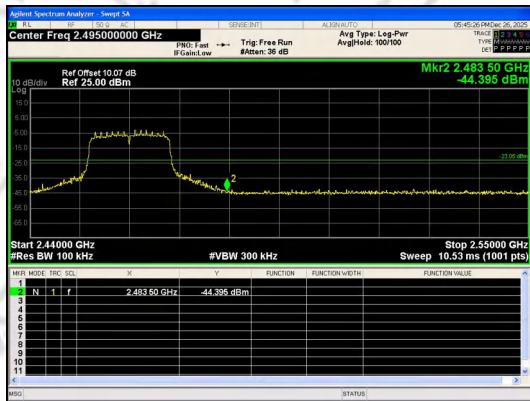
In-Band Reference Level IEEE 802.11n_Channel 6_20MHz_Antenna 0



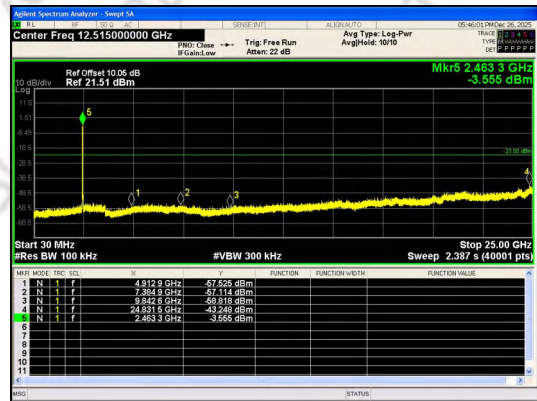
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_20MHz_Antenna 0



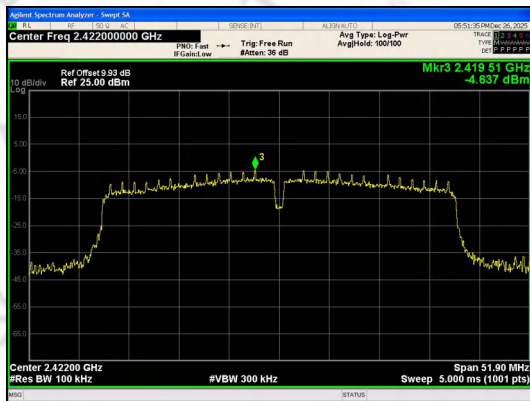
In-Band Reference Level
IEEE 802.11n_Channel 11_20MHz_Antenna 0



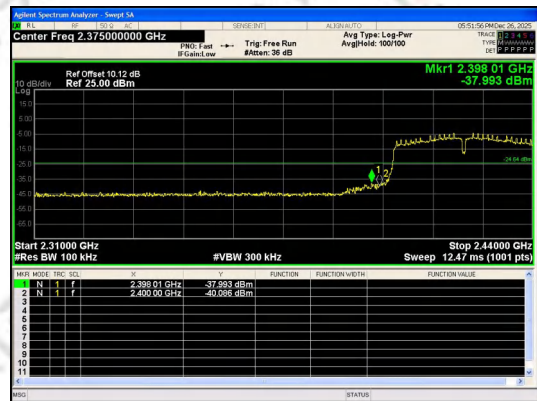
Out Of Band Emission
IEEE 802.11n_Channel 11_20MHz_Antenna 0



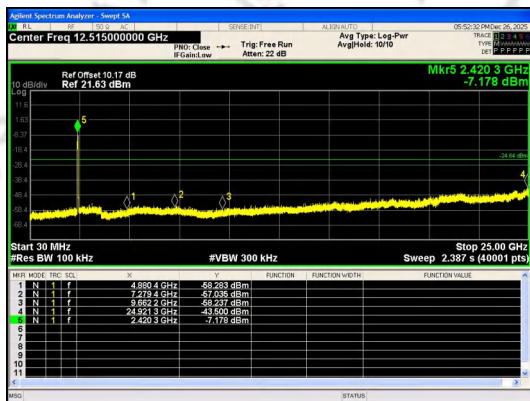
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 11_20MHz_Antenna 0



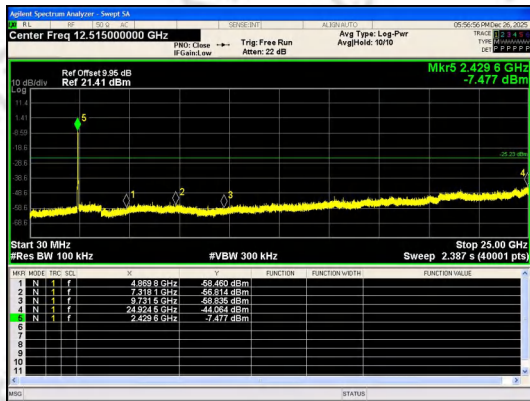
In-Band Reference Level
IEEE 802.11n_Channel 3_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 3_40MHz_Antenna 0



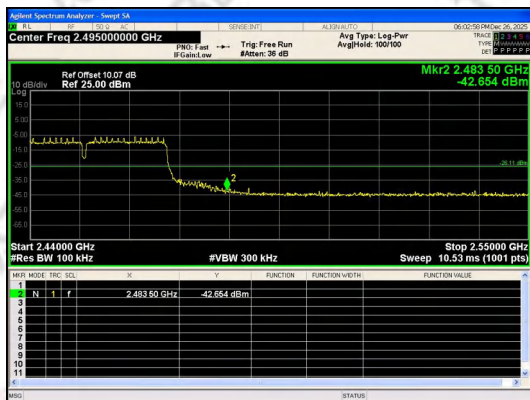
30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 3_40MHz_Antenna 0



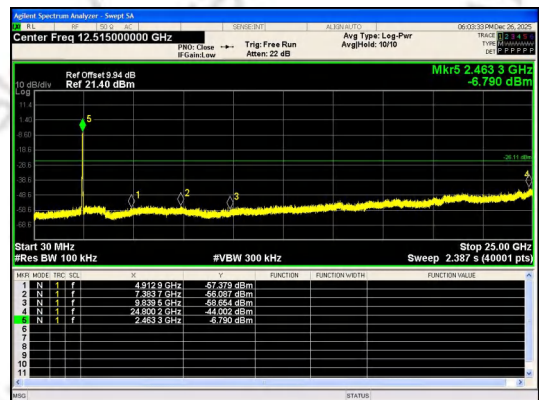
In-Band Reference Level IEEE 802.11n_Channel 6_40MHz_Antenna 0



30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 6_40MHz_Antenna 0



In-Band Reference Level IEEE 802.11n_Channel 9_40MHz_Antenna 0



Out Of Band Emission IEEE 802.11n_Channel 9_40MHz_Antenna 0

30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 9_40MHz_Antenna 0

C6.Radiated Spurious Emission and Restricted Band

For 9 kHz ~ 30 MHz

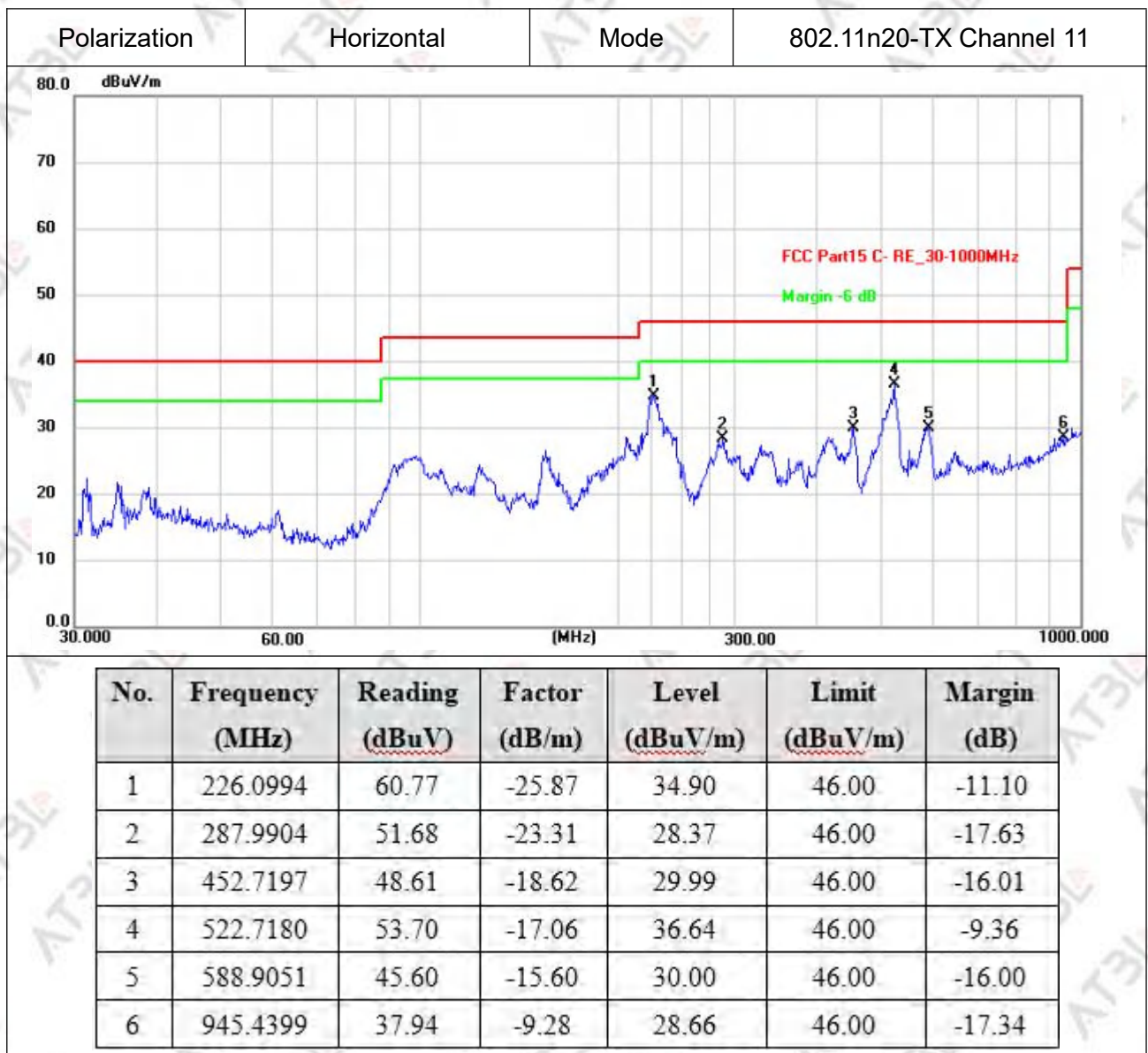
Note:

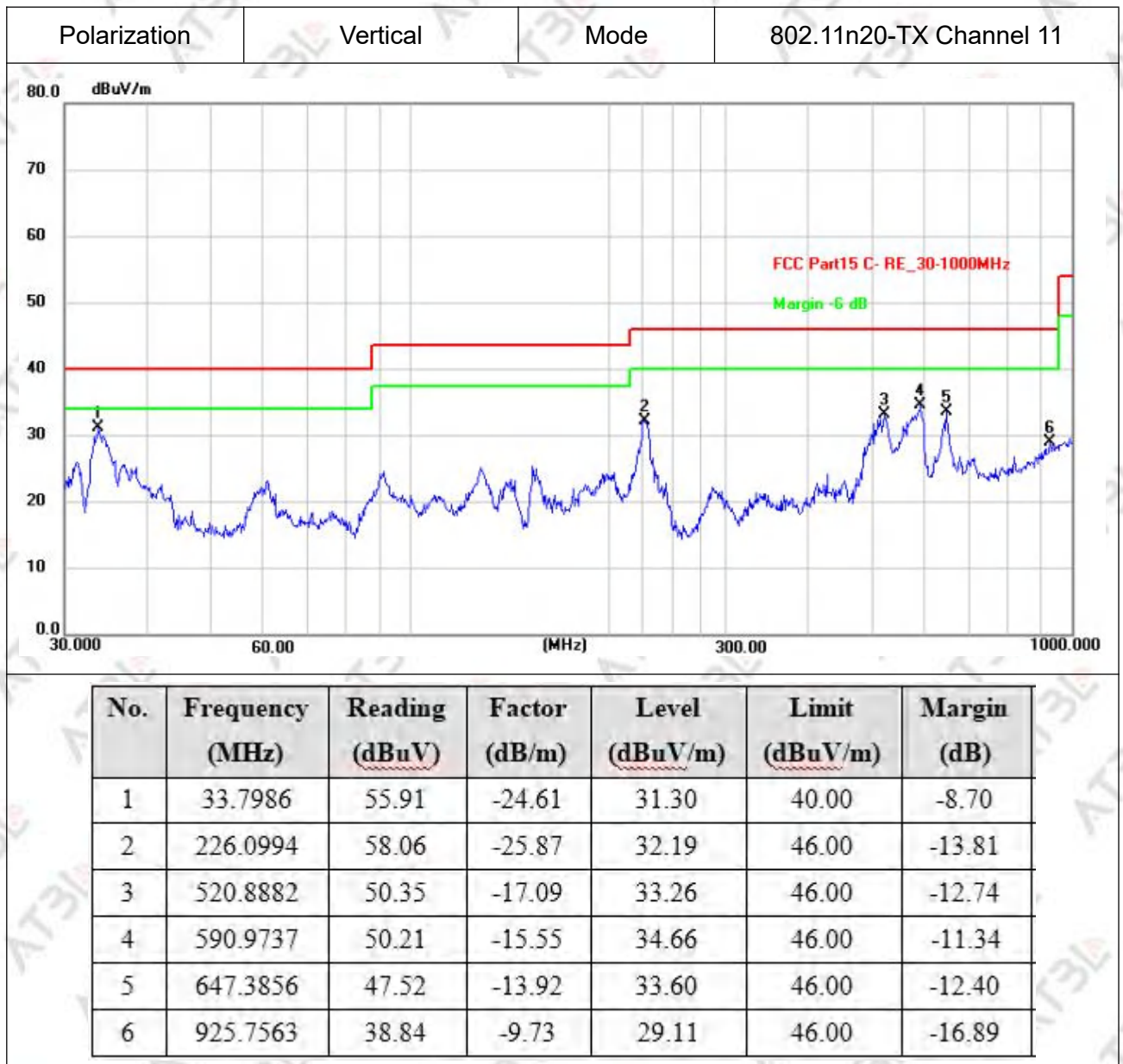
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

- 1.All modes have been tested, only worst (802.11n20-TX Channel 11)mode was recorded in the test report.
- 2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
- 3.Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
- 4.The emission levels of other frequencies were less than 20dB margin against the limit.
- 5.Margin value = Emission level-Limit value.





Above 1GHz:

Note:

- 1.All modes have been tested, only worst (802.11n20 and 802.11n40)mode was recorded in the test report.
- 2.In frequency ranges 18 ~25GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are attenuated less than 20dB below the limit. No recording in the test report.
- 3.We used the filter to test and the main frequency was filtered out.
- 4.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
5. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
6. Margin value = Emission level-Limit value.

Test Mode: 802.11n20							
Test Channel:Lowest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4824.000	62.69	-1.21	61.48	74	-12.52	peak	Pass
4824.000	48.86	-1.21	47.65	54	-6.35	AV	Pass
7326.000	48.18	4.89	53.07	74	-20.93	peak	Pass
7326.000	36.20	4.89	41.09	54	-12.91	AV	Pass
Test Channel:Lowest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4824.000	62.89	-1.21	61.68	74	-12.32	peak	Pass
4824.000	49.25	-1.21	48.04	54	-5.96	AV	Pass
7326.000	48.99	4.89	53.88	74	-20.12	peak	Pass
7326.000	36.54	4.89	41.43	54	-12.57	AV	Pass
Test Channel:Middle channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4874.000	61.62	-2.06	59.56	74	-14.44	peak	Pass
4874.000	48.22	-2.06	46.16	54	-7.84	AV	Pass
7311.000	48.65	5.49	54.14	74	-19.86	peak	Pass
7311.000	34.72	5.49	40.21	54	-13.79	AV	Pass
Test Channel: Middle channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4874.000	61.91	-2.06	59.85	74	-14.15	peak	Pass
4874.000	48.55	-2.06	46.49	54	-7.51	AV	Pass

7311.000	48.70	5.49	54.19	74	-19.81	peak	Pass
7311.000	35.58	5.49	41.07	54	-12.93	AV	Pass
Test Channel:Highest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4924.000	61.58	-1.38	60.20	74	-13.80	peak	Pass
4924.000	47.98	-1.38	46.60	54	-7.40	AV	Pass
7386.000	48.15	5.37	53.52	74	-20.48	peak	Pass
7386.000	36.20	5.37	41.57	54	-12.43	AV	Pass
Test Channel:Highest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4924.000	62.40	-1.38	61.02	74	-12.98	peak	Pass
4924.000	48.29	-1.38	46.91	54	-7.09	AV	Pass
7386.000	48.75	5.37	54.12	74	-19.88	peak	Pass
7386.000	36.28	5.37	41.65	54	-12.35	AV	Pass

Test Mode: 802.11n40							
Test Channel:Lowest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4844.000	61.03	-1.21	59.82	74	-14.18	peak	Pass
4844.000	48.61	-1.21	47.40	54	-6.60	AV	Pass
7266.000	46.68	4.89	51.57	74	-22.43	peak	Pass
7266.000	35.25	4.89	40.14	54	-13.86	AV	Pass
Test Channel:Lowest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4844.000	61.25	-1.21	60.04	74	-13.96	peak	Pass
4844.000	48.65	-1.21	47.44	54	-6.56	AV	Pass
7266.000	47.56	4.89	52.45	74	-21.55	peak	Pass
7266.000	35.44	4.89	40.33	54	-13.67	AV	Pass
Test Channel:Middle channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4874.000	59.92	-2.06	57.86	74	-16.14	peak	Pass
4874.000	47.18	-2.06	45.12	54	-8.88	AV	Pass
7311.000	47.20	5.49	52.69	74	-21.31	peak	Pass
7311.000	34.32	5.49	39.81	54	-14.19	AV	Pass
Test Channel: Middle channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4874.000	60.38	-2.06	58.32	74	-15.68	peak	Pass
4874.000	48.10	-2.06	46.04	54	-7.96	AV	Pass
7311.000	47.50	5.49	52.99	74	-21.01	peak	Pass
7311.000	35.01	5.49	40.50	54	-13.50	AV	Pass
Test Channel:Highest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4904.000	60.90	-1.38	59.52	74	-14.48	peak	Pass
4904.000	48.33	-1.38	46.95	54	-7.05	AV	Pass
7356.000	47.17	5.37	52.54	74	-21.46	peak	Pass
7356.000	35.26	5.37	40.63	54	-13.37	AV	Pass
Test Channel:Highest channel, Test Polarization: Horizontal							

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4904.000	60.87	-1.38	59.49	74	-14.51	peak	Pass
4904.000	48.04	-1.38	46.66	54	-7.34	AV	Pass
7356.000	46.27	5.37	51.64	74	-22.36	peak	Pass
7356.000	34.29	5.37	39.66	54	-14.34	AV	Pass

Test Result of Restricted Band

Test Mode: 802.11n20							
Test Channel: Lowest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2310.000	51.67	-10.95	40.72	74	-33.28	peak	Pass
2310.000	41.52	-10.95	30.57	54	-23.43	AV	Pass
2390.000	54.08	-10.86	43.22	74	-30.78	peak	Pass
2390.000	38.91	-10.86	28.05	54	-25.95	AV	Pass
Test Channel: Lowest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2310.000	52.56	-10.95	41.61	74	-32.39	peak	Pass
2310.000	41.69	-10.95	30.74	54	-23.26	AV	Pass
2390.000	54.62	-10.86	43.76	74	-30.24	peak	Pass
2390.000	39.87	-10.86	29.01	54	-24.99	AV	Pass
Test Channel: Highest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2483.500	52.28	-10.34	41.94	74	-32.06	peak	Pass
2483.500	40.75	-10.34	30.41	54	-23.59	AV	Pass
2500.000	54.19	-10.24	43.95	74	-30.05	peak	Pass
2500.000	38.72	-10.24	28.48	54	-25.52	AV	Pass
Test Channel: Highest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2483.500	52.45	-10.34	42.11	74	-31.89	peak	Pass
2483.500	40.90	-10.34	30.56	54	-23.44	AV	Pass
2500.000	54.39	-10.24	44.15	74	-29.85	peak	Pass
2500.000	39.50	-10.24	29.26	54	-24.74	AV	Pass

Note:Margin=Level-Limit=Reading+factor-Limit

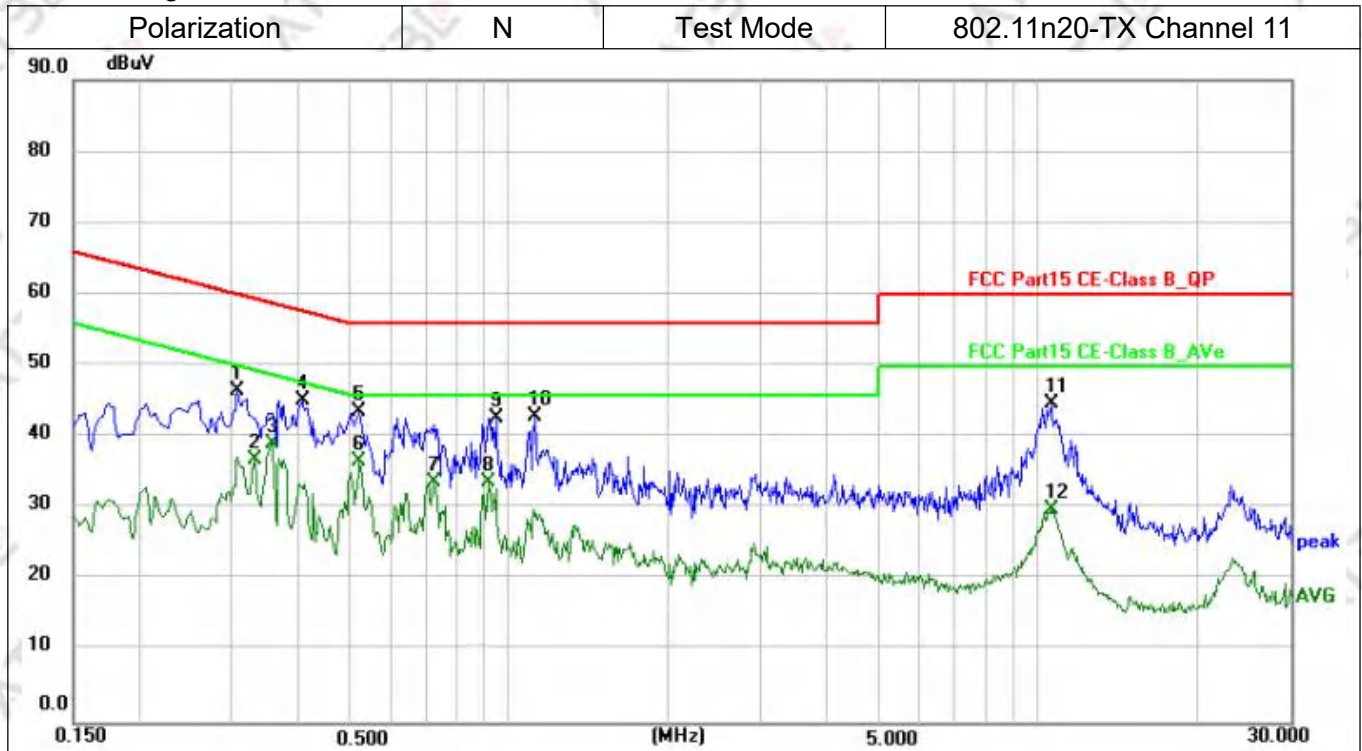
Test Mode: 802.11n40							
Test Channel: Lowest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2310.000	51.66	-10.95	40.71	74	-33.29	peak	Pass
2310.000	40.37	-10.95	29.42	54	-24.58	AV	Pass
2390.000	49.28	-10.86	38.42	74	-35.58	peak	Pass
2390.000	39.90	-10.86	29.04	54	-24.96	AV	Pass
Test Channel: Lowest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2310.000	51.18	-10.95	40.23	74	-33.77	peak	Pass
2310.000	40.14	-10.95	29.19	54	-24.81	AV	Pass
2390.000	50.24	-10.86	39.38	74	-34.62	peak	Pass
2390.000	39.30	-10.86	28.44	54	-25.56	AV	Pass
Test Channel: Highest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2483.500	50.92	-10.34	40.58	74	-33.42	peak	Pass
2483.500	39.71	-10.34	29.37	54	-24.63	AV	Pass
2500.000	49.84	-10.24	39.60	74	-34.40	peak	Pass
2500.000	39.09	-10.24	28.85	54	-25.15	AV	Pass
Test Channel: Highest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2483.500	51.37	-10.34	41.03	74	-32.97	peak	Pass
2483.500	39.91	-10.34	29.57	54	-24.43	AV	Pass
2500.000	50.16	-10.24	39.92	74	-34.08	peak	Pass
2500.000	39.76	-10.24	29.52	54	-24.48	AV	Pass

Note: Margin = Level - Limit = Reading + factor - Limit

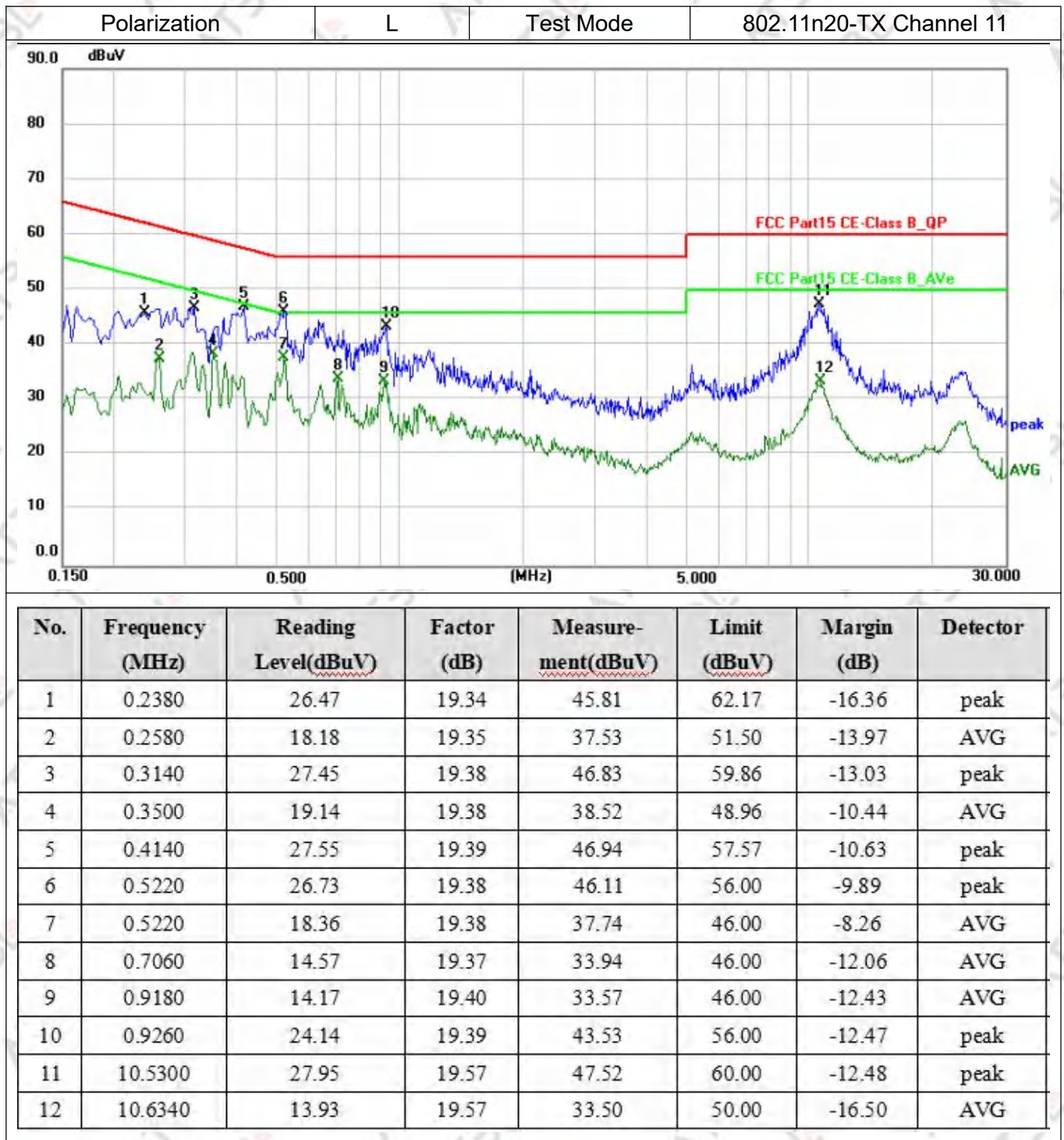
C7.AC Power-Line Conducted Emission

Note:

- 1.All modes have been tested, only worst mode(802.11n20-TX Channel 11) was recorded in the test report.
- 2.Emission Level = Reading Value + Correction Factor .
3. Correction Factor = Insertion loss + Cable loss.
4. The emission levels of other frequencies were less than 20dB margin against the limit.
5. Margin value = Emission level-Limit value.



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3060	27.14	19.33	46.47	60.08	-13.61	peak
2	0.3300	17.53	19.34	36.87	49.45	-12.58	AVG
3	0.3540	19.80	19.35	39.15	48.87	-9.72	AVG
4	0.4060	25.79	19.37	45.16	57.73	-12.57	peak
5	0.5220	24.31	19.37	43.68	56.00	-12.32	peak
6	0.5220	17.30	19.37	36.67	46.00	-9.33	AVG
7	0.7220	14.39	19.38	33.77	46.00	-12.23	AVG
8	0.9180	14.43	19.40	33.83	46.00	-12.17	AVG
9	0.9460	23.40	19.37	42.77	56.00	-13.23	peak
10	1.1220	23.56	19.39	42.95	56.00	-13.05	peak
11	10.5860	25.11	19.63	44.74	60.00	-15.26	peak
12	10.5860	10.34	19.63	29.97	50.00	-20.03	AVG



*****END*****