

Appendix C of data

C1.Maximum Peak conducted output power

Test Result

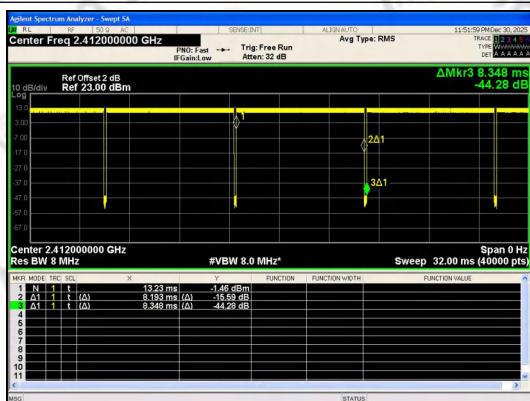
Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	16.18	≤30	PASS
	6	16.79	≤30	PASS
	11	16.05	≤30	PASS
IEEE 802.11g	1	18.29	≤30	PASS
	6	18.38	≤30	PASS
	11	17.26	≤30	PASS
IEEE 802.11n_20	1	19.67	≤30	PASS
	6	19.62	≤30	PASS
	11	18.60	≤30	PASS
IEEE 802.11n_40	3	22.00	≤30	PASS
	6	21.75	≤30	PASS
	9	21.91	≤30	PASS

C2.Duty Cycle

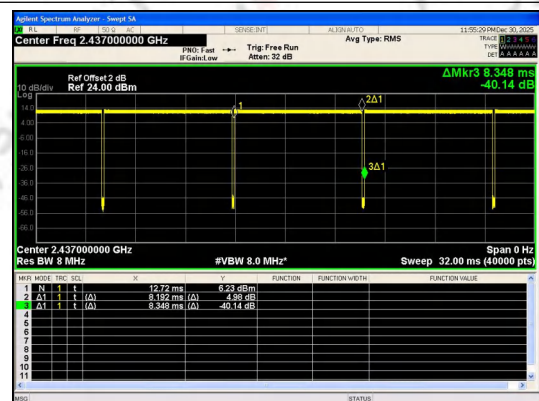
Test Result

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	8.348	98.14	0.9814	0.0815
		6		8.192	8.348	98.13	0.9813	0.082
		11		8.192	8.338	98.25	0.9825	0.0767
IEEE 802.11g	6	1		1.364	1.523	89.56	0.8956	0.4789
		6		1.364	1.514	90.09	0.9009	0.4532
		11		1.364	1.514	90.09	0.9009	0.4532
IEEE 802.11n_20	MCS 0	1		1.151	1.302	88.45	0.8845	0.533
		6		1.151	1.302	88.45	0.8845	0.533
		11		1.153	1.311	87.95	0.8795	0.5576
IEEE 802.11n_40		3		0.575	0.716	80.21	0.8021	0.9577
		6		0.575	0.716	80.21	0.8021	0.9577
		9		0.574	0.725	79.17	0.7917	1.0144

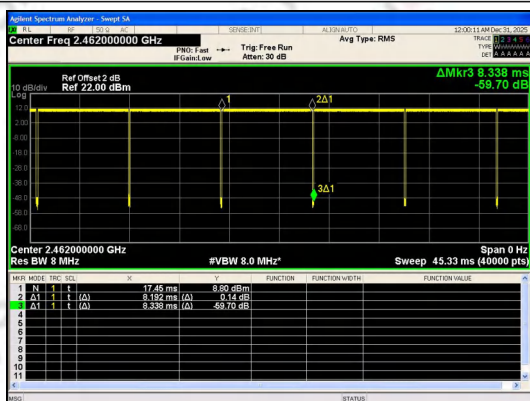
Test Graphs



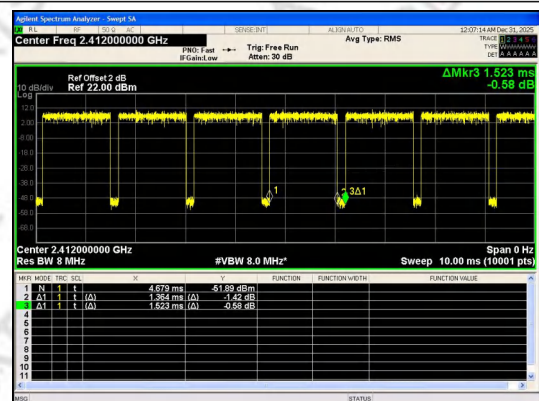
IEEE 802.11b_20MHz_Channel 1



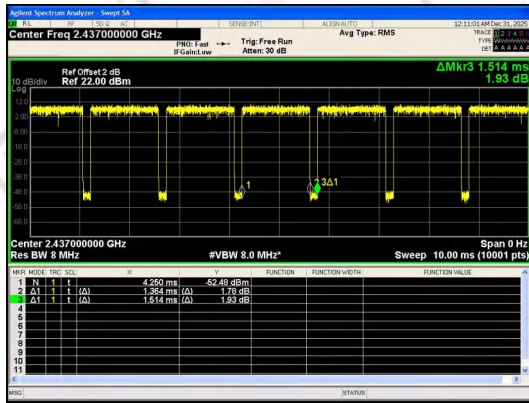
IEEE 802.11b_20MHz_Channel 6



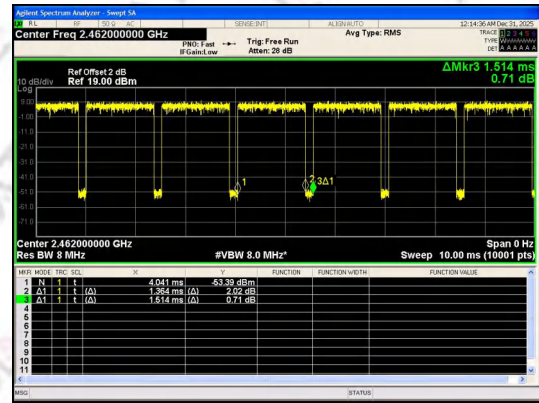
IEEE 802.11b_20MHz_Channel 11



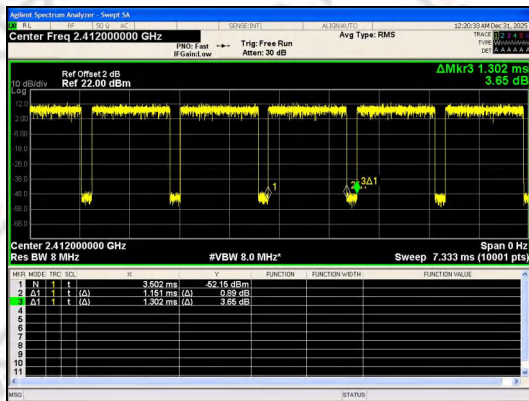
IEEE 802.11g_20MHz_Channel 1



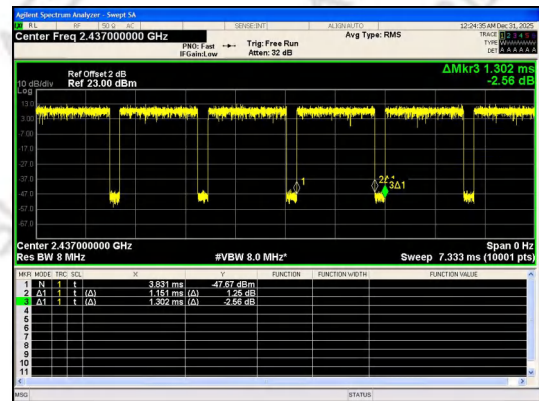
IEEE 802.11g_20MHz_Channel 6



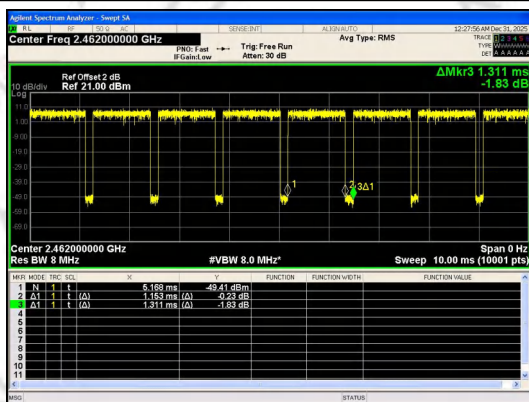
IEEE 802.11g_20MHz_Channel 11



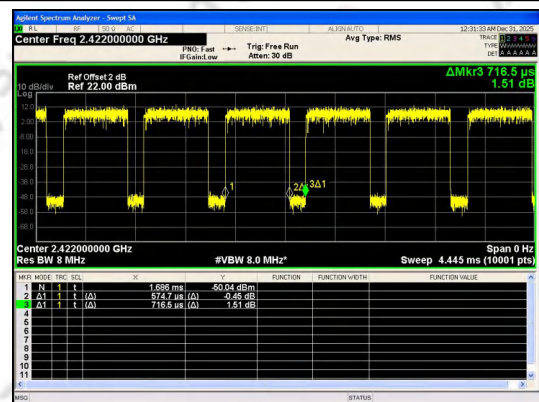
IEEE 802.11n_20MHz_Channel 1



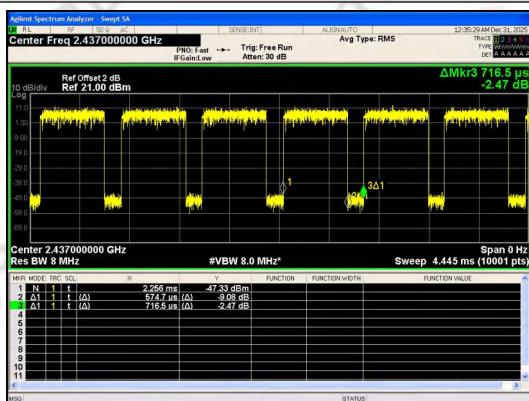
IEEE 802.11n_20MHz_Channel 6



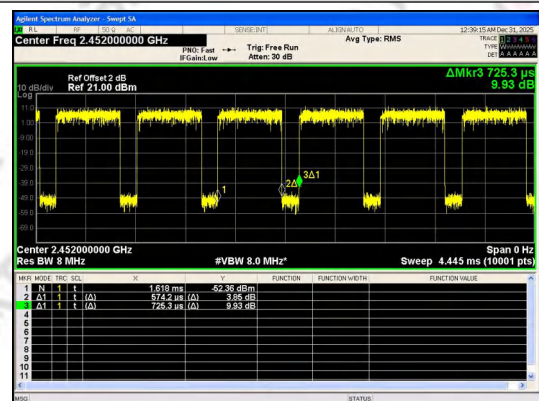
IEEE 802.11n_20MHz_Channel 11



IEEE 802.11n_40MHz_Channel 3



IEEE 802.11n_40MHz_Channel 6



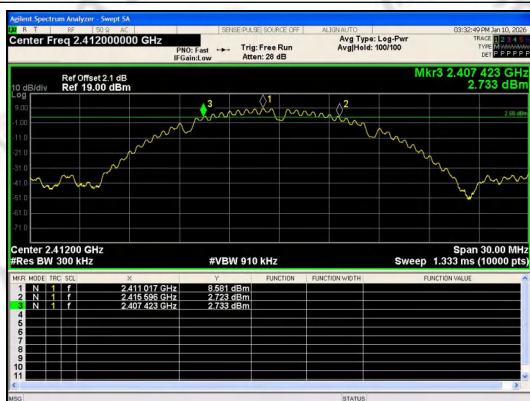
IEEE 802.11n_40MHz_Channel 9

C3.6dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	8.180	≥0.5	PASS
	6		2437	8.620		PASS
	11		2462	8.630		PASS
IEEE 802.11g	1		2412	16.00		PASS
	6		2437	17.43		PASS
	11		2462	16.64		PASS
IEEE 802.11n_20	1		2412	16.04		PASS
	6		2437	17.47		PASS
	11		2462	16.50		PASS
IEEE 802.11n_40	3		2422	36.03		PASS
	6		2437	35.47		PASS
	9		2452	27.22		PASS

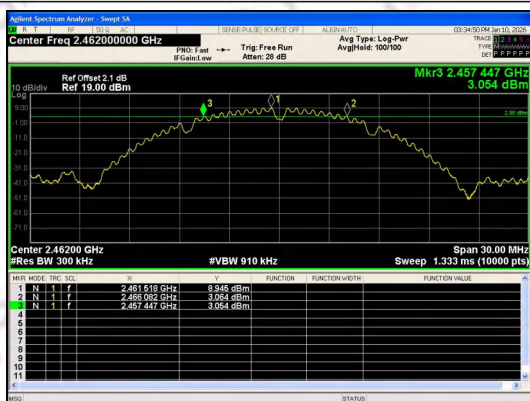
Test Graphs



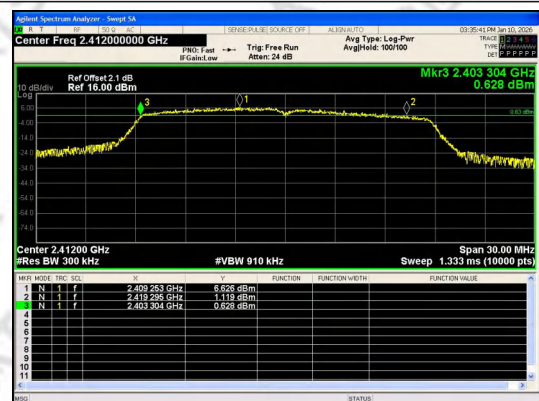
IEEE 802.11b_Channel 1_20MHz_Antenna 0



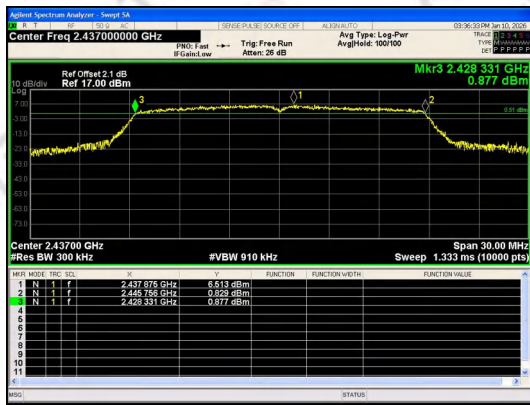
IEEE 802.11b_Channel 6_20MHz_Antenna 0



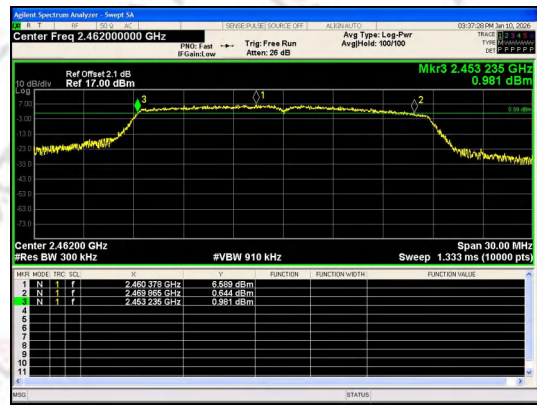
IEEE 802.11b_Channel 11_20MHz_Antenna 0



IEEE 802.11g_Channel 1_20MHz_Antenna 0



IEEE 802.11g_Channel 6_20MHz_Antenna 0



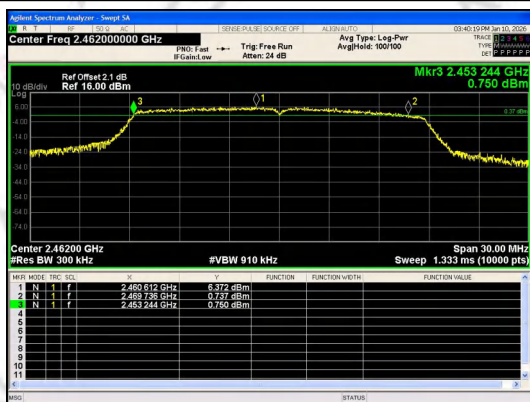
IEEE 802.11g_Channel 11_20MHz_Antenna 0



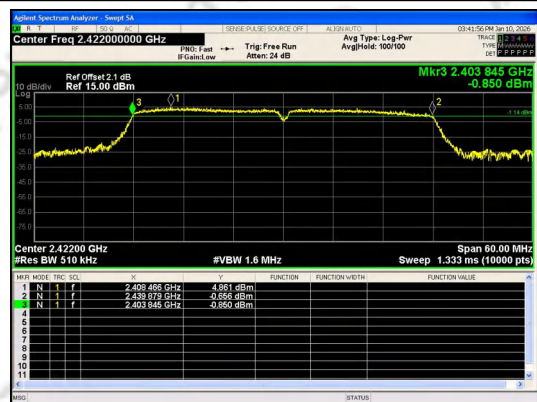
IEEE 802.11n_Channel 1_20MHz_Antenna 0



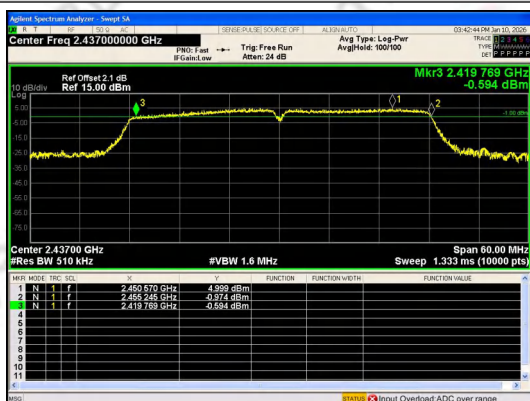
IEEE 802.11n_Channel 6_20MHz_Antenna 0



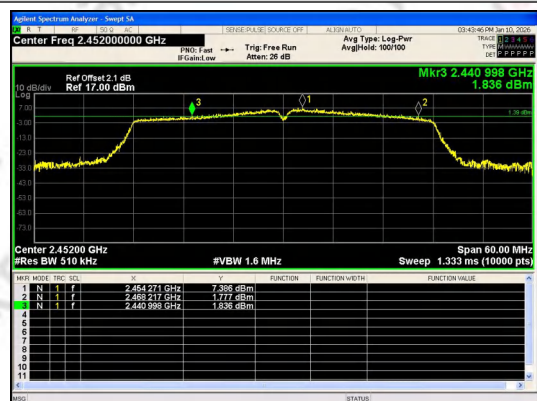
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



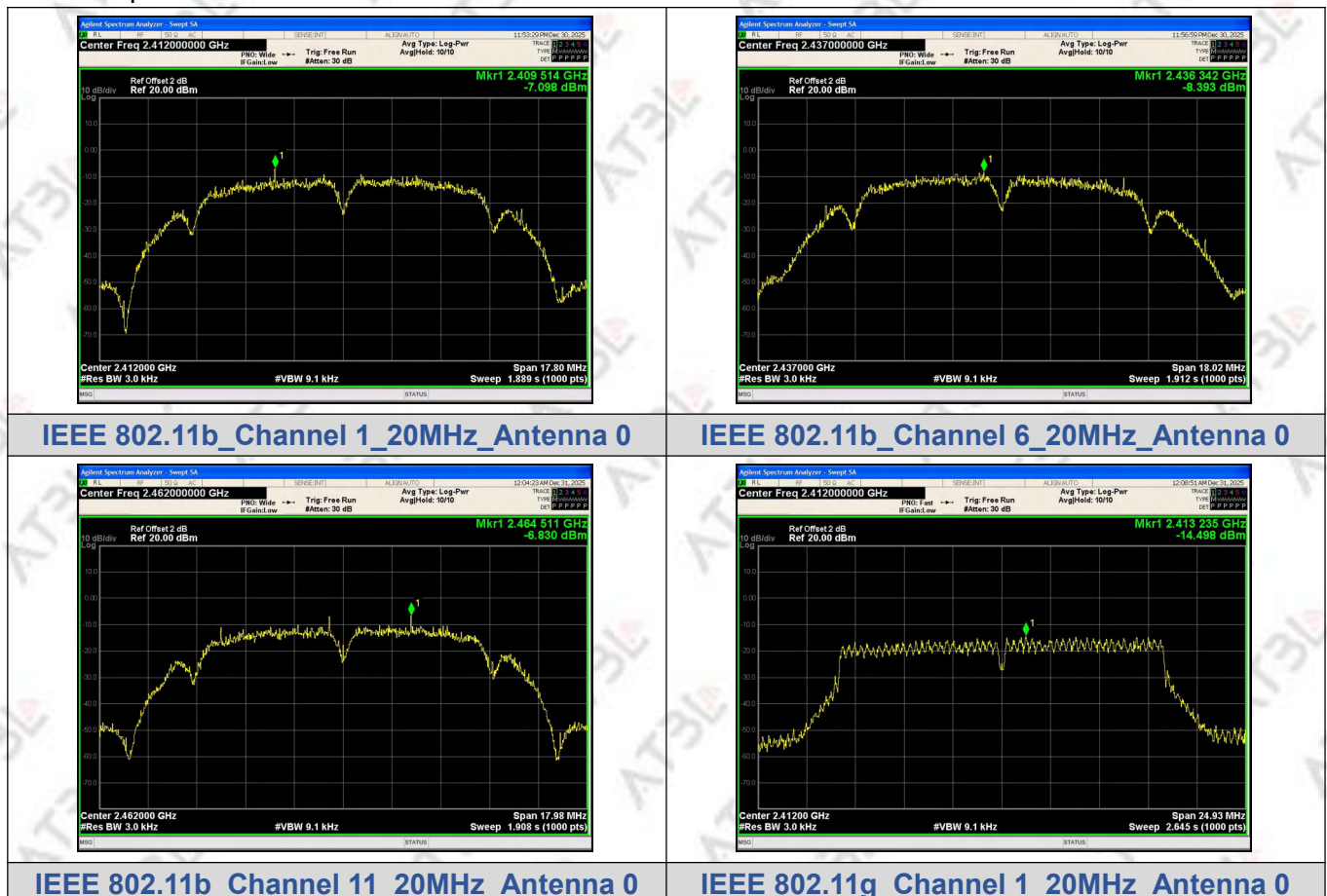
IEEE 802.11n_Channel 9_40MHz_Antenna 0

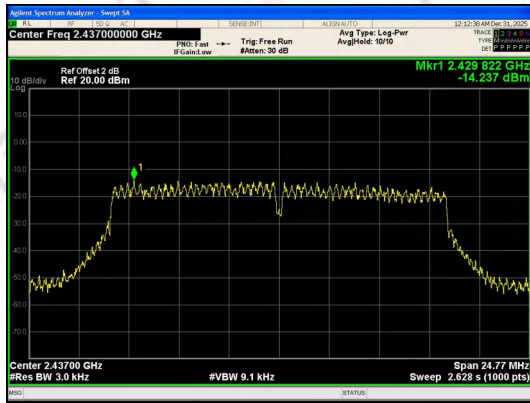
C4.Power Spectral Density

Test Result

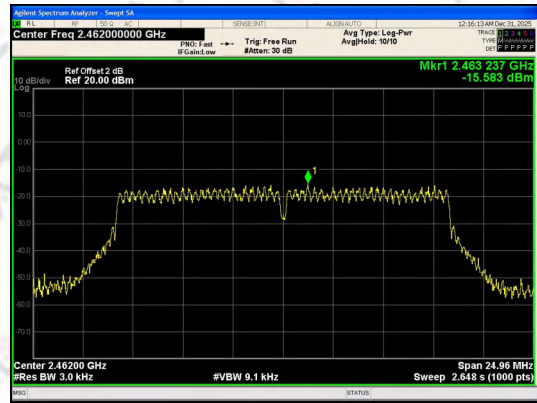
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-7.100	≤8	PASS
	6	-8.390		PASS
	11	-6.830		PASS
IEEE 802.11g	1	-14.500		PASS
	6	-14.240		PASS
	11	-15.580		PASS
IEEE 802.11n_20	1	-12.830		PASS
	6	-13.150		PASS
	11	-14.710		PASS
IEEE 802.11n_40	3	-13.840		PASS
	6	-13.600		PASS
	9	-13.720		PASS

Test Graphs





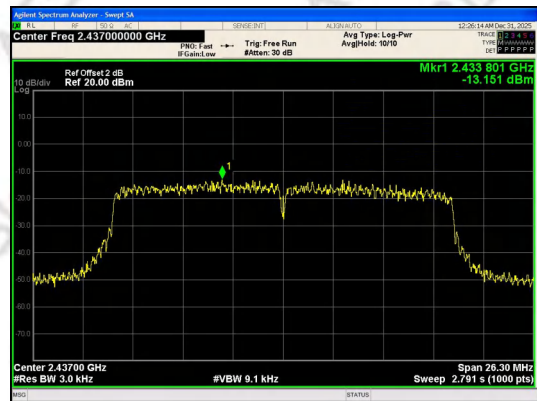
IEEE 802.11g_Channel 6_20MHz_Antenna 0



IEEE 802.11g_Channel 11_20MHz_Antenna 0



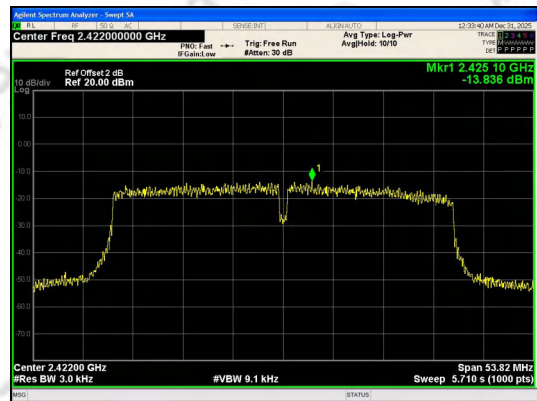
IEEE 802.11n_Channel 1_20MHz_Antenna 0



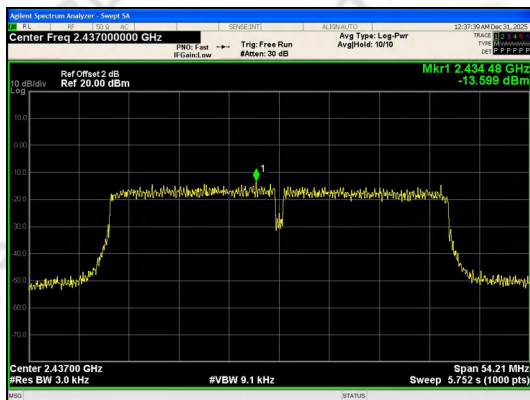
IEEE 802.11n_Channel 6_20MHz_Antenna 0



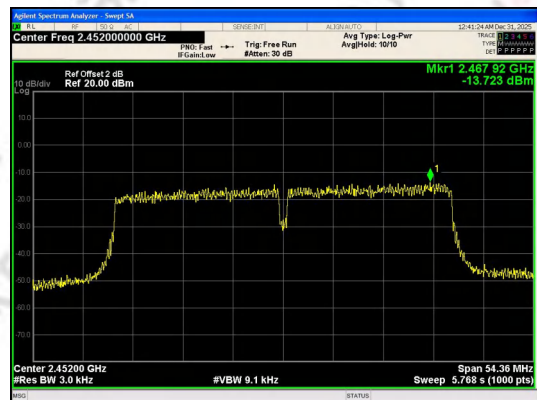
IEEE 802.11n_Channel 11_20MHz_Antenna 0



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	-48.401	-15.54	-32.861	PASS
			2400.00	-50.713	-15.54	-35.173	PASS
			4824.20	-39.893	-15.54	-24.353	PASS
			7226.40	-52.321	-15.54	-36.781	PASS
			9665.90	-54.083	-15.54	-38.543	PASS
			24929.5	-39.802	-15.54	-24.262	PASS
	6		4874.18	-44.076	-14.6	-29.476	PASS
			7318.74	-52.659	-14.6	-38.059	PASS
			9734.59	-53.932	-14.6	-39.332	PASS
			24803.4	-39.900	-14.6	-25.300	PASS
	11		2483.50	-50.150	-16.81	-33.340	PASS
			4924.12	-40.612	-16.81	-23.802	PASS
			7380.54	-51.374	-16.81	-34.564	PASS
			9832.60	-54.350	-16.81	-37.540	PASS
			24820.8	-39.932	-16.81	-23.122	PASS
IEEE 802.11g	1		2398.92	-31.671	-19.69	-11.981	PASS
			2400.00	-32.251	-19.69	-12.561	PASS
			4819.20	-51.938	-19.69	-32.248	PASS
			7239.50	-53.083	-19.69	-33.393	PASS
			9642.80	-53.507	-19.69	-33.817	PASS
			24884.5	-39.392	-19.69	-19.702	PASS
	6		4878.55	-52.610	-19.7	-32.910	PASS
			7301.89	-52.576	-19.7	-32.876	PASS
			9755.82	-54.681	-19.7	-34.981	PASS
			24754.0	-39.272	-19.7	-19.572	PASS
	11		2483.50	-43.904	-21.21	-22.694	PASS
			4924.12	-50.447	-21.21	-29.237	PASS
			7399.27	-53.181	-21.21	-31.971	PASS
			9849.45	-53.349	-21.21	-32.139	PASS
			24830.2	-39.242	-21.21	-18.032	PASS
IEEE 802.11n_20	1		2398.92	-30.461	-18.25	-12.211	PASS
			2400.00	-31.475	-18.25	-13.225	PASS
			4825.50	-50.869	-18.25	-32.619	PASS
			7238.80	-52.624	-18.25	-34.374	PASS
			9632.80	-54.122	-18.25	-35.872	PASS
			24926.3	-39.710	-18.25	-21.460	PASS
	6		4878.55	-52.515	-18.37	-34.145	PASS
			7317.49	-52.308	-18.37	-33.938	PASS
		9758.31	-53.863	-18.37	-35.493	PASS	

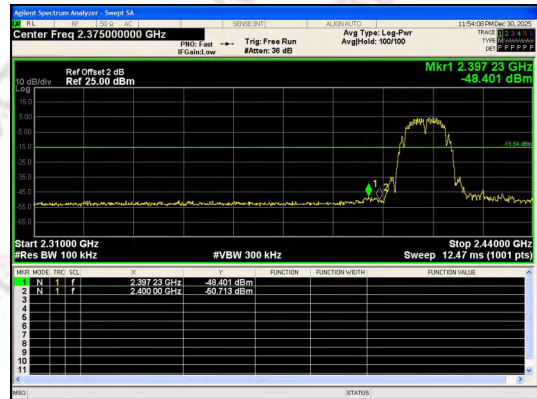
	11	24860.2	-39.476	-18.37	-21.106	PASS
		2483.50	-43.996	-19.68	-24.316	PASS
		4922.87	-51.072	-19.68	-31.392	PASS
		7377.42	-52.534	-19.68	-32.854	PASS
		9857.57	-53.688	-19.68	-34.008	PASS
		24837.1	-39.883	-19.68	-20.203	PASS
IEEE 802.11n_40	3	2398.92	-29.145	-18.73	-10.415	PASS
		2400.00	-32.018	-18.73	-13.288	PASS
		4831.70	-49.106	-18.73	-30.376	PASS
		7290.70	-52.491	-18.73	-33.761	PASS
		9724.60	-53.821	-18.73	-35.091	PASS
		24895.1	-39.902	-18.73	-21.172	PASS
	6	4872.93	-51.641	-19.22	-32.421	PASS
		7276.29	-52.692	-19.22	-33.472	PASS
		9708.37	-52.567	-19.22	-33.347	PASS
		24930.7	-39.417	-19.22	-20.197	PASS
	9	2483.50	-31.437	-18.47	-12.967	PASS
		4902.90	-48.573	-18.47	-30.103	PASS
		7331.23	-52.279	-18.47	-33.809	PASS
		9808.25	-53.665	-18.47	-35.195	PASS
		24897.0	-40.105	-18.47	-21.635	PASS

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

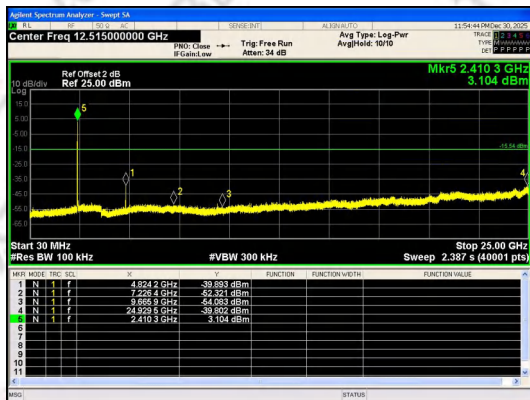
Test Graphs



In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0



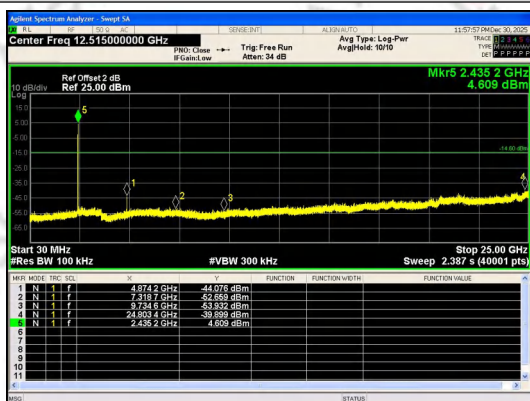
Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



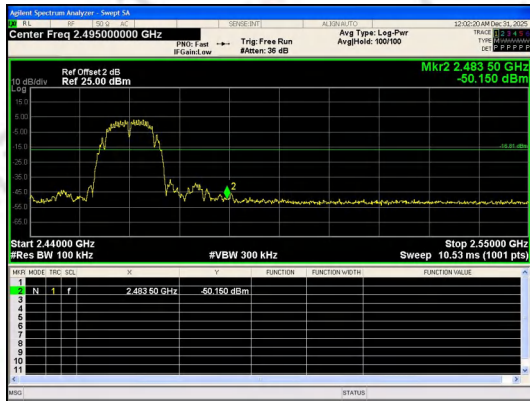
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0

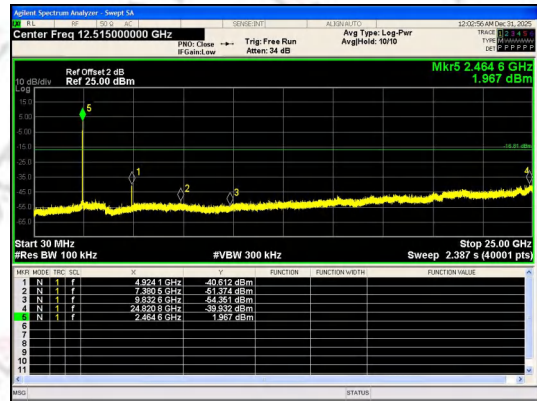


In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



Out Of Band Emission

IEEE 802.11b_Channel 11_20MHz_Antenna 0



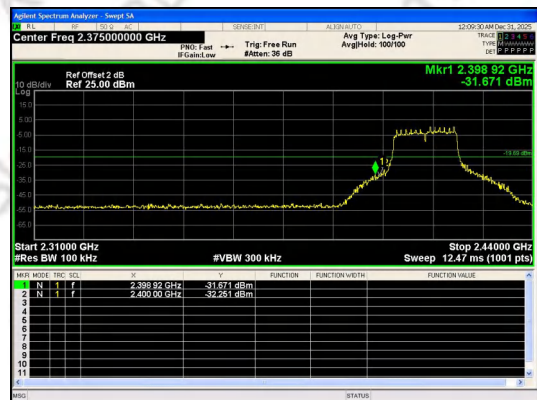
30.0 MHz - 25000.0 MHz

IEEE 802.11b_Channel 11_20MHz_Antenna 0



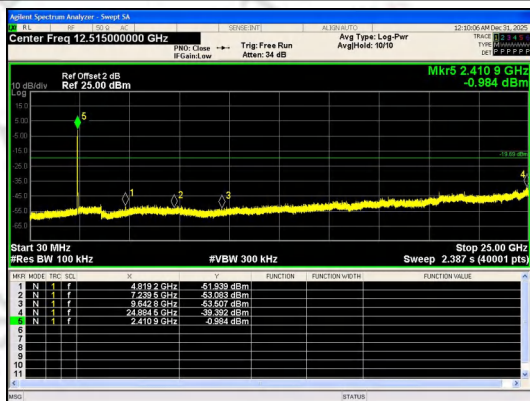
In-Band Reference Level

IEEE 802.11g_Channel 1_20MHz_Antenna 0



Out Of Band Emission

IEEE 802.11g_Channel 1_20MHz_Antenna 0



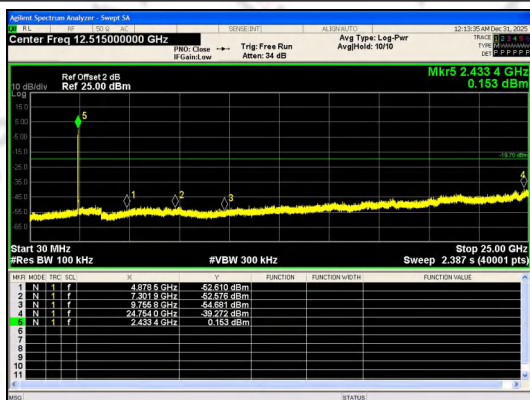
30.0 MHz - 25000.0 MHz

IEEE 802.11g_Channel 1_20MHz_Antenna 0



In-Band Reference Level

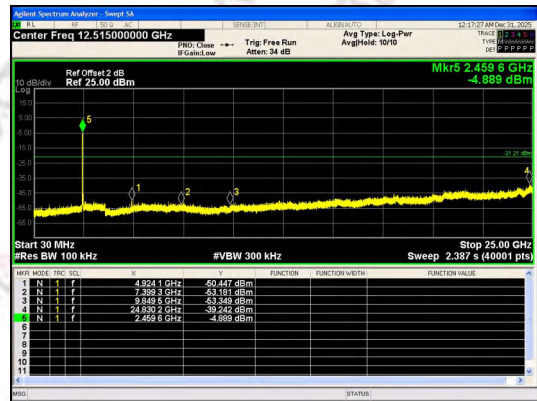
IEEE 802.11g_Channel 6_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz IEEE 802.11g_Channel 6_20MHz_Antenna 0



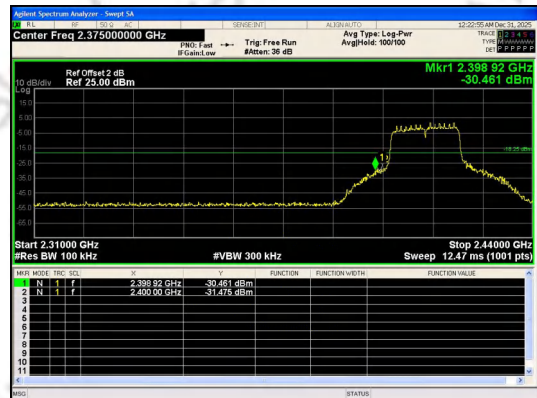
In-Band Reference Level IEEE 802.11g_Channel 11_20MHz_Antenna 0



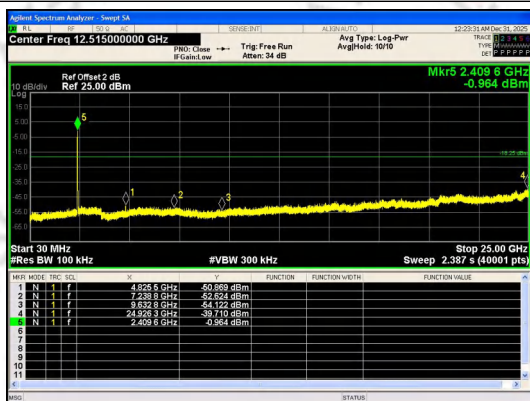
Out Of Band Emission IEEE 802.11g_Channel 11_20MHz_Antenna 0



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

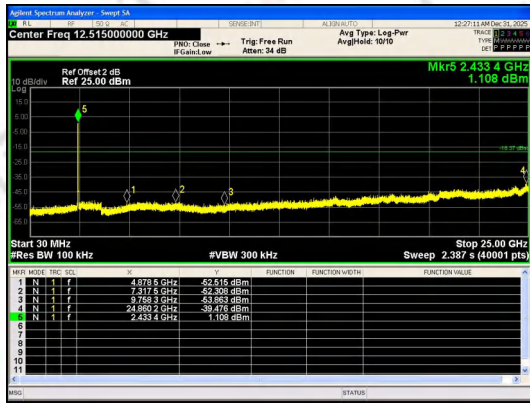


Out Of Band Emission IEEE 802.11n_Channel 1_20MHz_Antenna 0



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



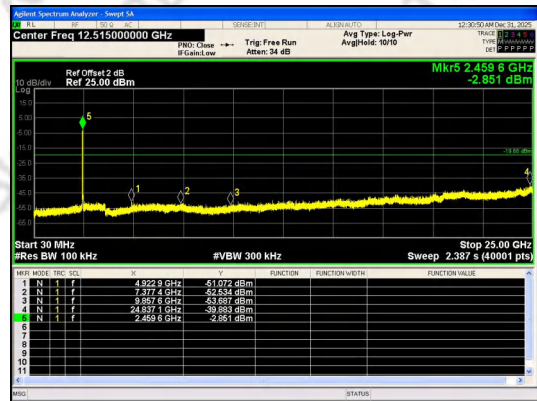
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11n_Channel 11_20MHz_Antenna 0



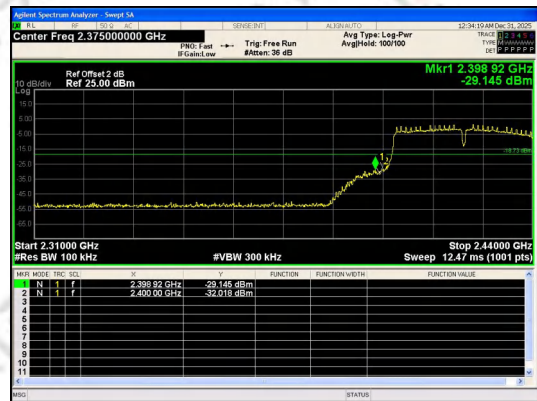
Out Of Band Emission
IEEE 802.11n_Channel 11_20MHz_Antenna 0



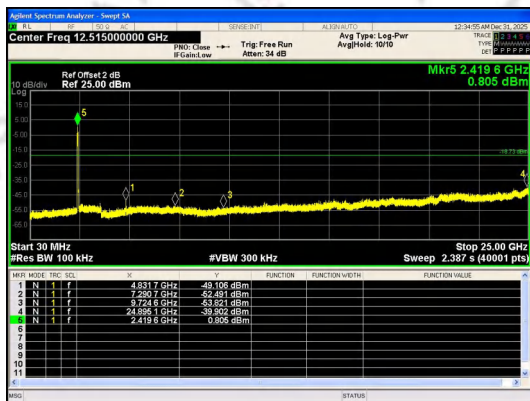
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 11_20MHz_Antenna 0



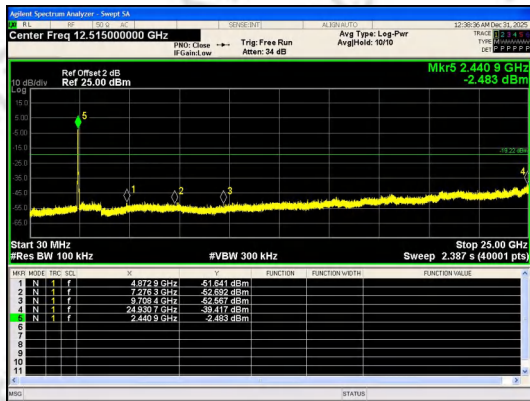
In-Band Reference Level
IEEE 802.11n_Channel 3_40MHz_Antenna 0



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



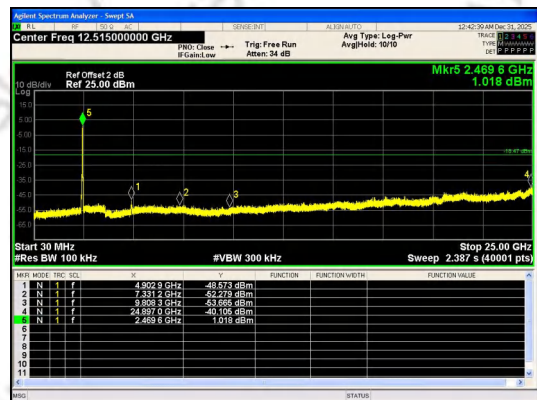
In-Band Reference Level IEEE 802.11n_Channel 6_40MHz_Antenna 0



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

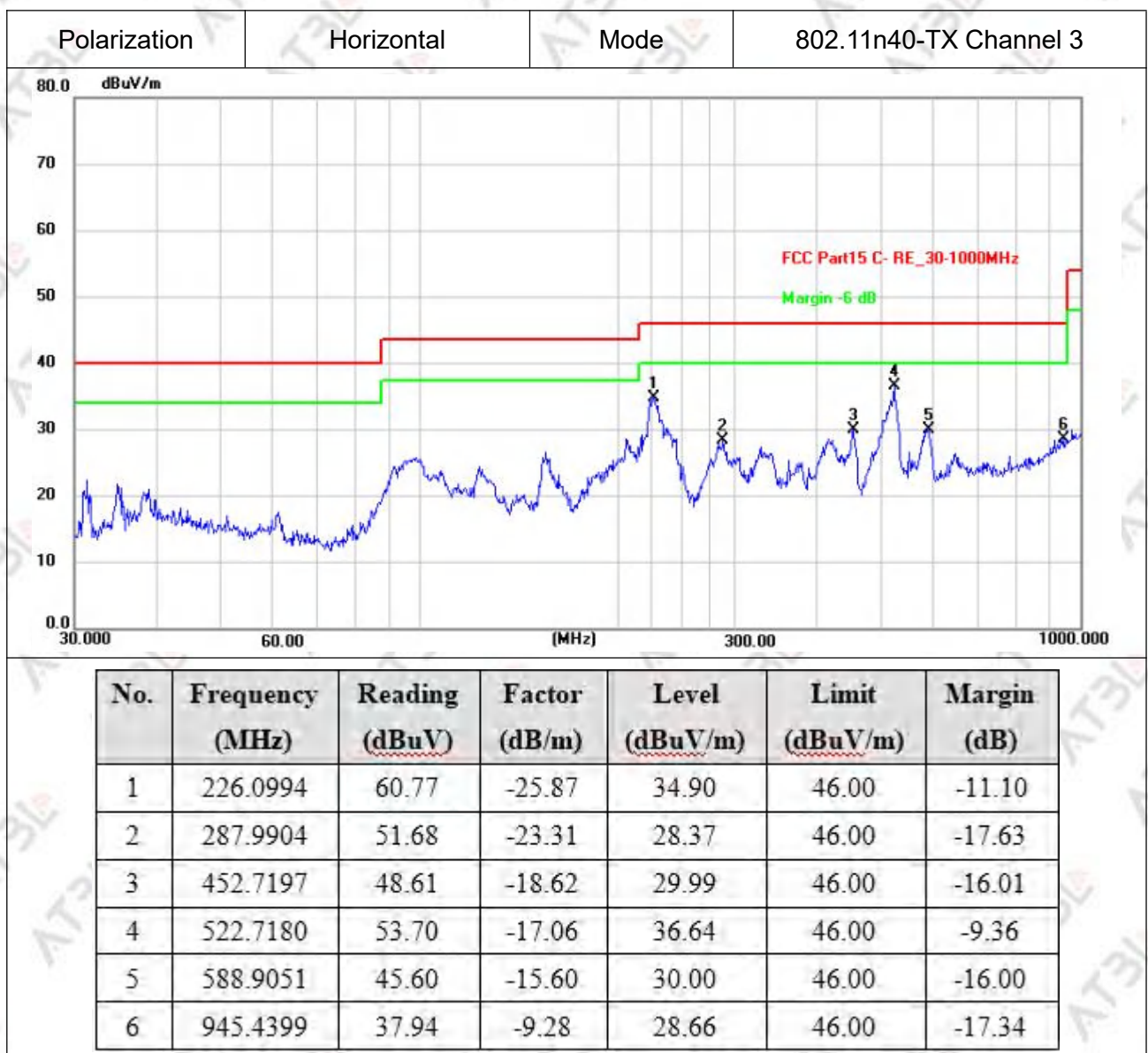
Note:

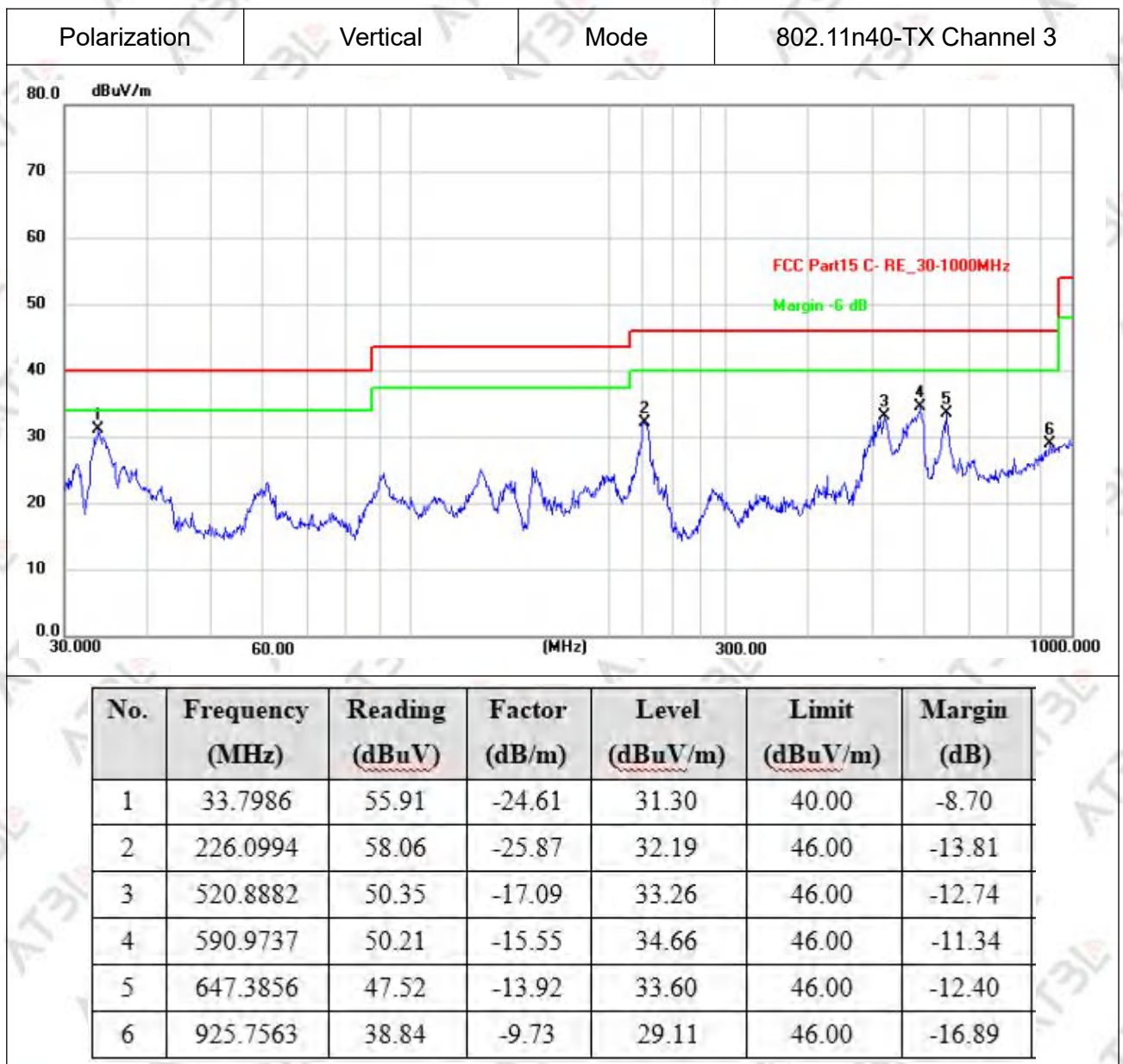
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

- 1.All modes have been tested, only worst (802.11n40-TX Channel 3)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	AVG	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	AVG	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	AVG	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	AVG	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

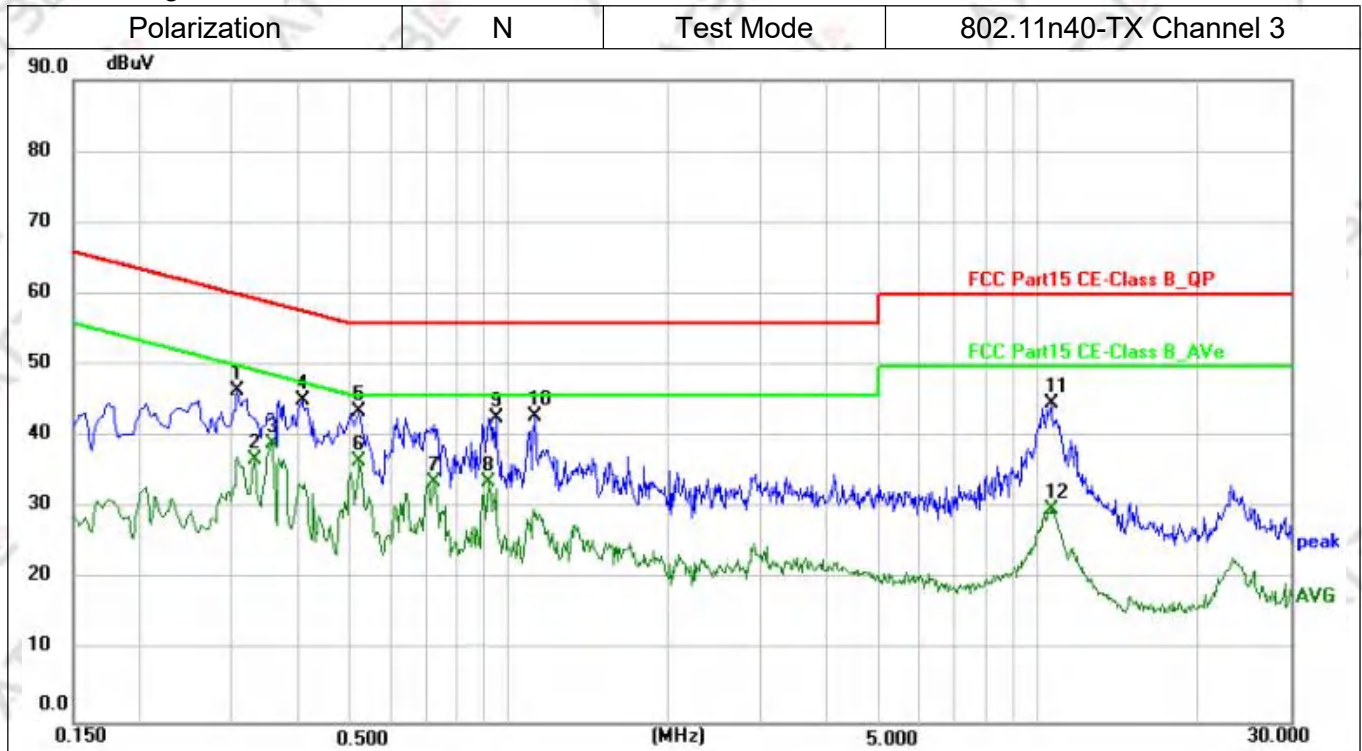
Test Mode: 802.11n40							
Test Channel: Lowest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2310.000	51.66	-10.95	40.71	74	-33.29	peak	Pass
2310.000	40.37	-10.95	29.42	54	-24.58	AV	Pass
2390.000	49.28	-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	-10.95	40.74	74	-33.26	-10.95	peak	Pass
2310.000	-10.95	29.92	54	-24.08	-10.95	AV	Pass
2390.000	-10.86	39.4	74	-34.6	-10.86	peak	Pass
2390.000	-10.86	29.36	54	-24.64	-10.86	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

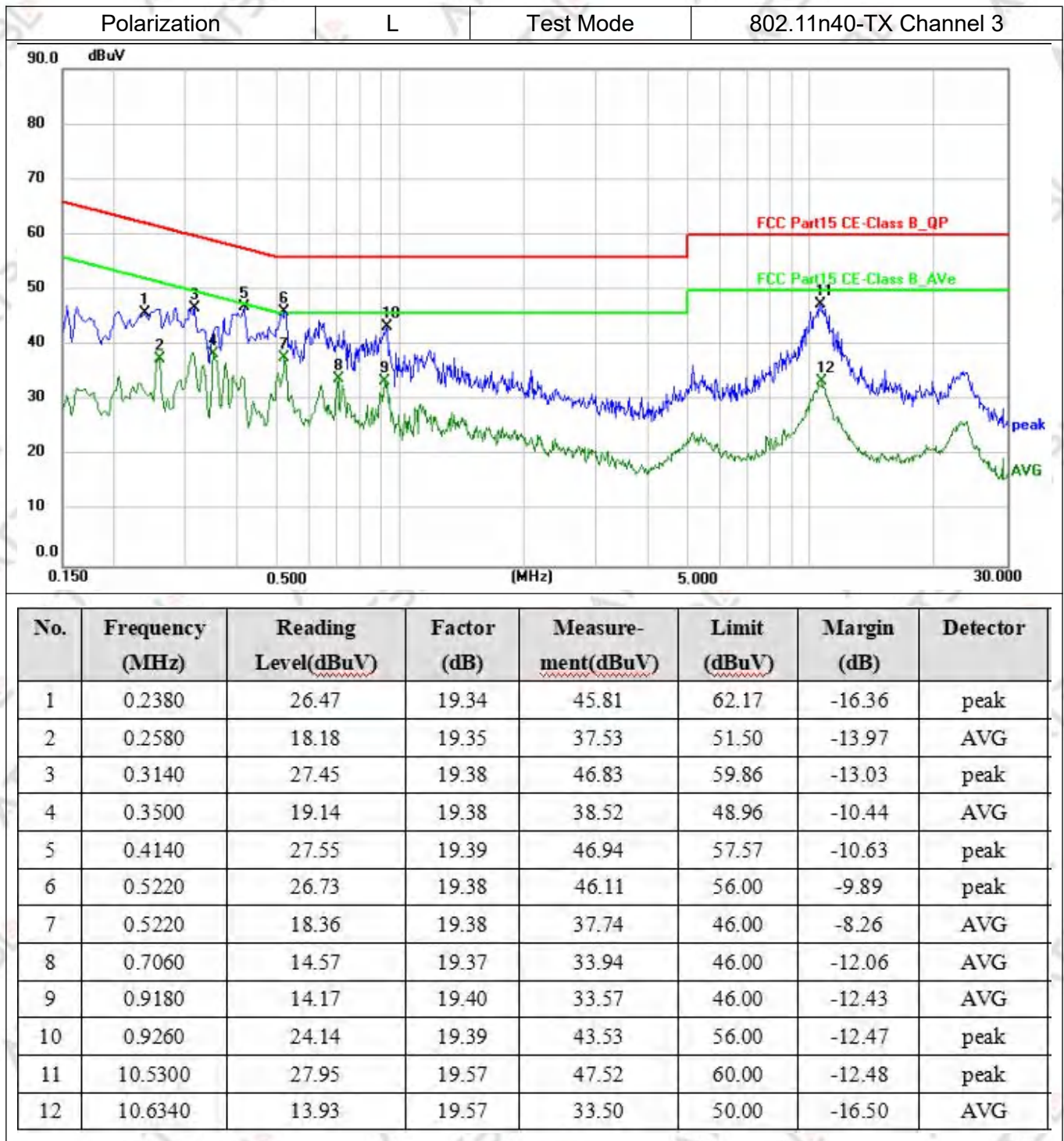
C7.AC Power-Line Conducted Emission

Note:

- 1.All modes have been tested, only worst mode(802.11n40-TX Channel 3) 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*****