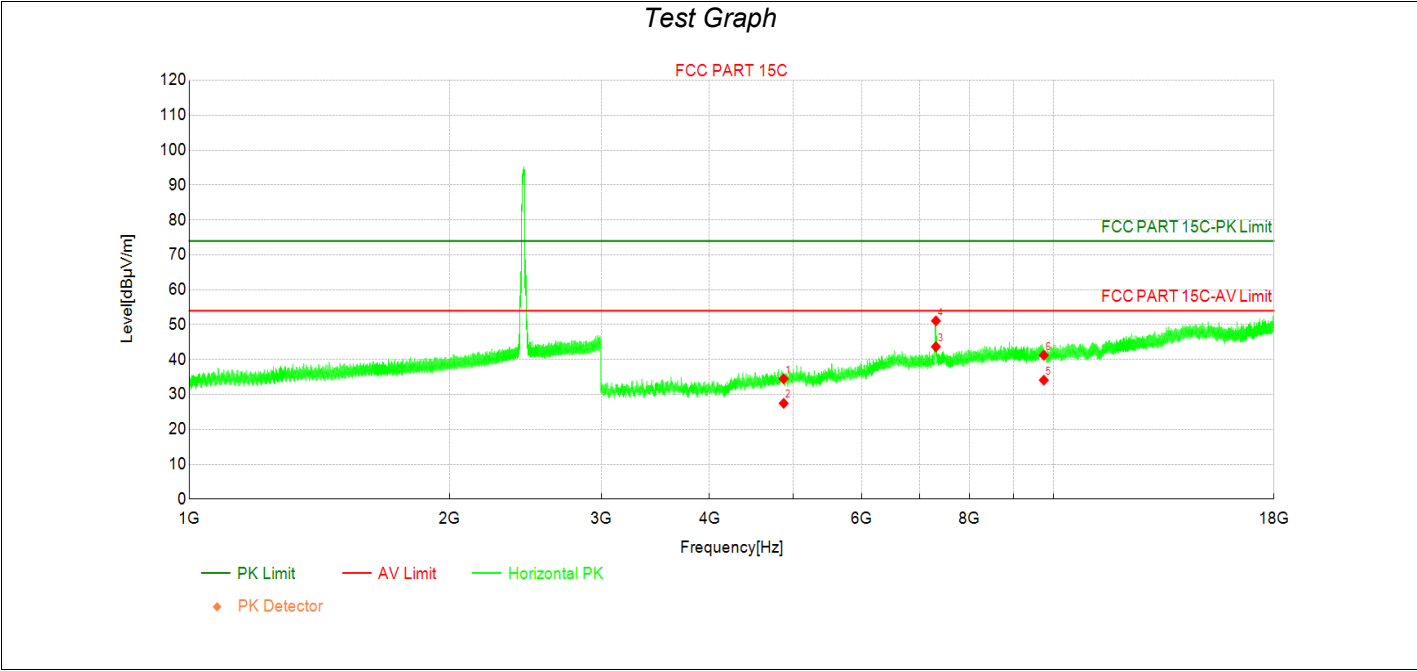
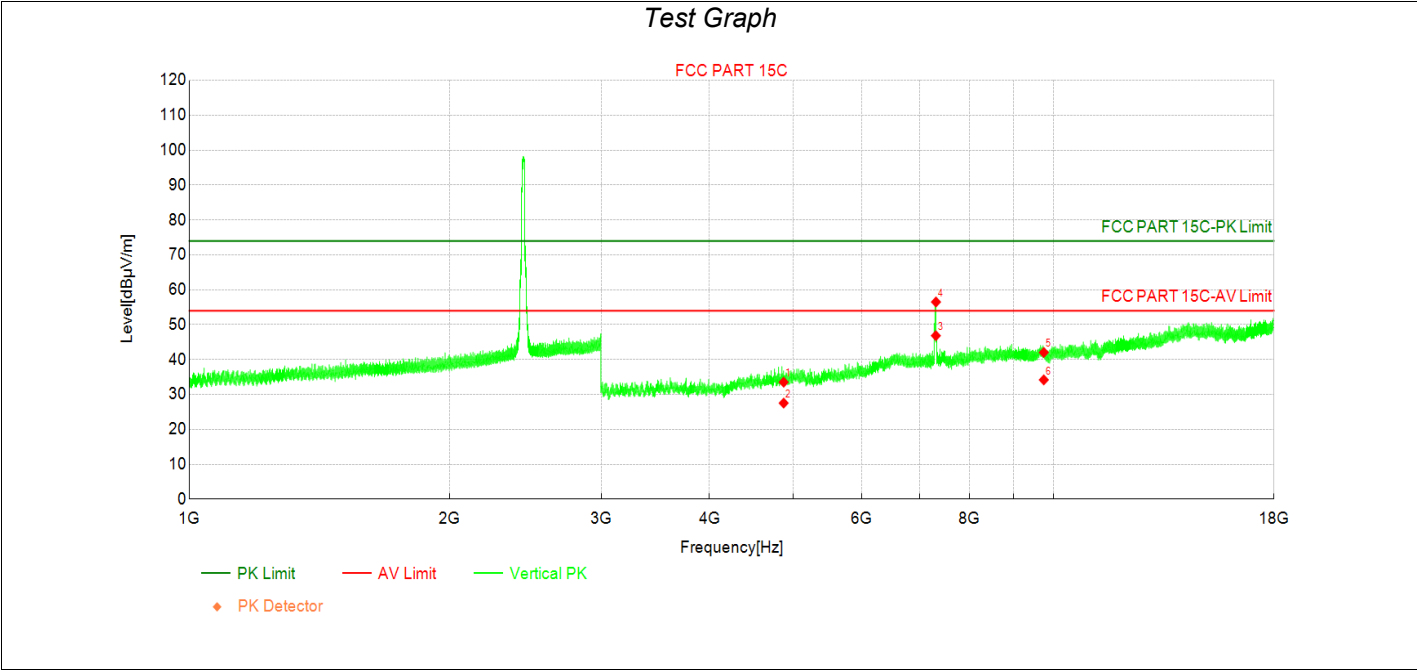


Transmit at 2437MHz by 802.11g with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	39.27	34.48	-4.79	74.00	39.52	PK	Horizo	PASS
2	4874.00	32.25	27.46	-4.79	54.00	26.54	AV	Horizo	PASS
3	7311.38	40.32	43.67	3.35	54.00	10.33	AV	Horizo	PASS
4	7312.88	47.72	51.08	3.36	74.00	22.92	PK	Horizo	PASS
5	9748.00	26.65	34.09	7.44	54.00	19.91	AV	Horizo	PASS
6	9748.00	33.79	41.23	7.44	74.00	32.77	PK	Horizo	PASS

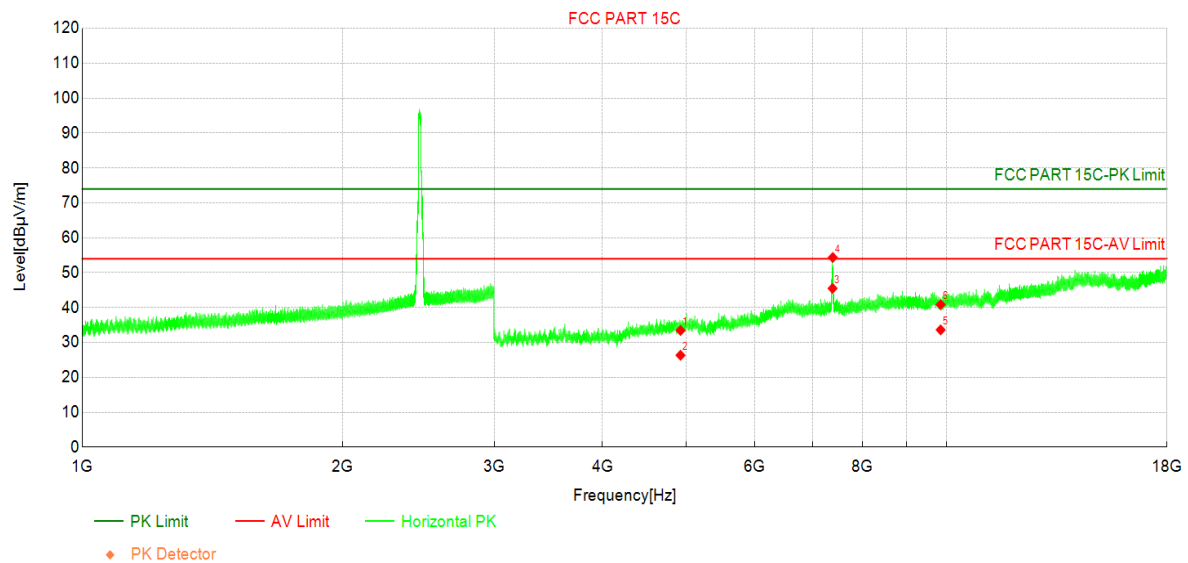
Transmit at 2437MHz by 802.11g with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	38.30	33.51	-4.79	74.00	40.49	PK	Vertic	PASS
2	4874.00	32.32	27.53	-4.79	54.00	26.47	AV	Vertic	PASS
3	7311.00	43.49	46.84	3.35	54.00	7.16	AV	Vertic	PASS
4	7313.25	53.14	56.50	3.36	74.00	17.50	PK	Vertic	PASS
5	9748.00	34.59	42.03	7.44	74.00	31.97	PK	Vertic	PASS
6	9748.00	26.74	34.18	7.44	54.00	19.82	AV	Vertic	PASS

Transmit at 2462MHz by 802.11g with Ant1

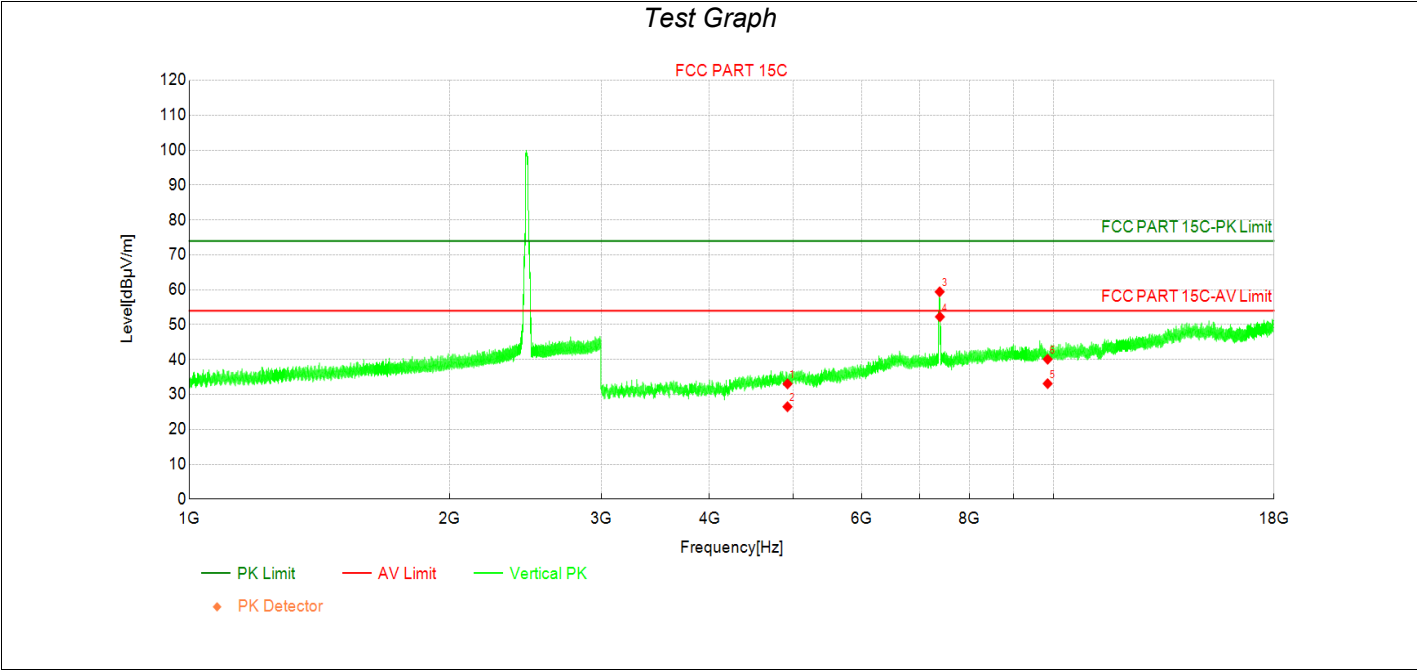
Test Graph



Data List

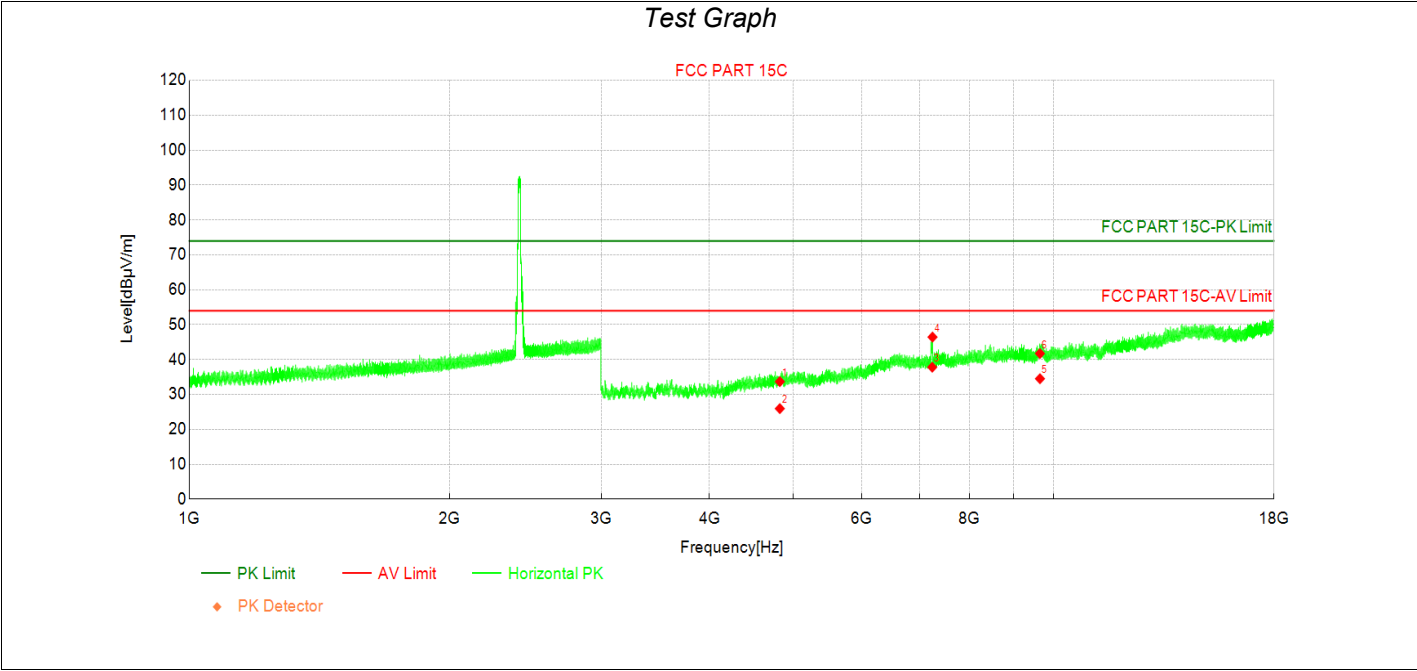
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	38.22	33.44	-4.78	74.00	40.56	PK	Horizo	PASS
2	4924.00	31.11	26.33	-4.78	54.00	27.67	AV	Horizo	PASS
3	7384.13	42.02	45.49	3.47	54.00	8.51	AV	Horizo	PASS
4	7387.88	50.88	54.35	3.47	74.00	19.65	PK	Horizo	PASS
5	9848.00	26.72	33.61	6.89	54.00	20.39	AV	Horizo	PASS
6	9848.00	33.96	40.85	6.89	74.00	33.15	PK	Horizo	PASS

Transmit at 2462MHz by 802.11g with Ant1



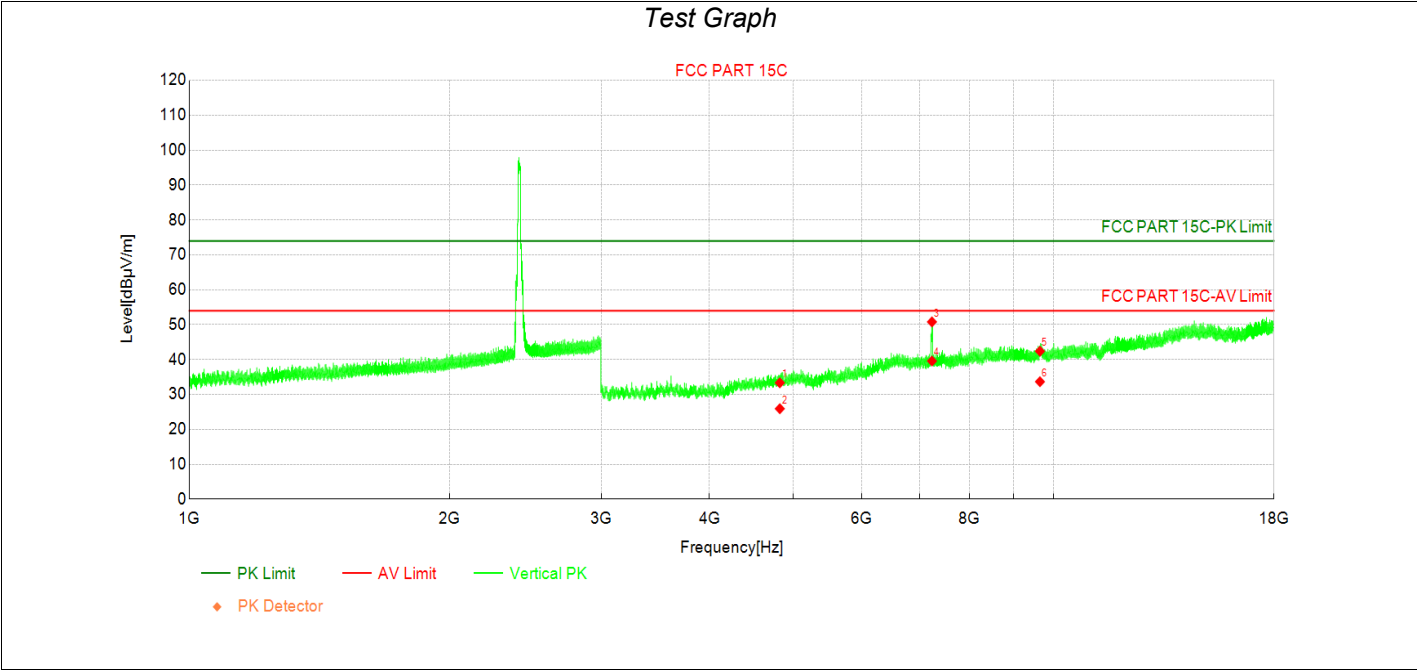
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	37.81	33.03	-4.78	74.00	40.97	PK	Vertic	PASS
2	4924.00	31.26	26.48	-4.78	54.00	27.52	AV	Vertic	PASS
3	7386.00	55.94	59.41	3.47	74.00	14.59	PK	Vertic	PASS
4	7390.88	48.77	52.25	3.48	54.00	1.75	AV	Vertic	PASS
5	9848.00	26.21	33.10	6.89	54.00	20.90	AV	Vertic	PASS
6	9848.00	33.19	40.08	6.89	74.00	33.92	PK	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	38.39	33.68	-4.71	74.00	40.32	PK	Horizo	PASS
2	4824.00	30.66	25.95	-4.71	54.00	28.05	AV	Horizo	PASS
3	7240.88	34.45	37.80	3.35	54.00	16.20	AV	Horizo	PASS
4	7245.75	43.09	46.44	3.35	74.00	27.56	PK	Horizo	PASS
5	9648.00	27.22	34.51	7.29	54.00	19.49	AV	Horizo	PASS
6	9648.00	34.44	41.73	7.29	74.00	32.27	PK	Horizo	PASS

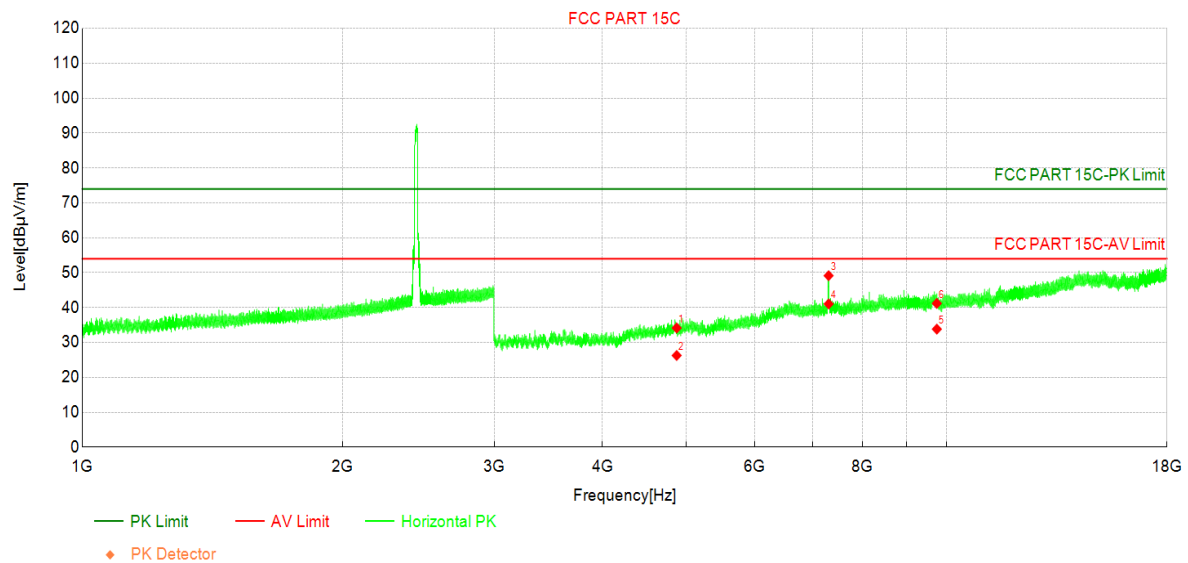
Transmit at 2412MHz by 802.11n(20MHz) with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	38.05	33.34	-4.71	74.00	40.66	PK	Vertic	PASS
2	4824.00	30.62	25.91	-4.71	54.00	28.09	AV	Vertic	PASS
3	7235.25	47.44	50.79	3.35	74.00	23.21	PK	Vertic	PASS
4	7236.00	36.23	39.58	3.35	54.00	14.42	AV	Vertic	PASS
5	9648.00	35.10	42.39	7.29	74.00	31.61	PK	Vertic	PASS
6	9648.00	26.37	33.66	7.29	54.00	20.34	AV	Vertic	PASS

Transmit at 2437MHz by 802.11n(20MHz) with Ant1

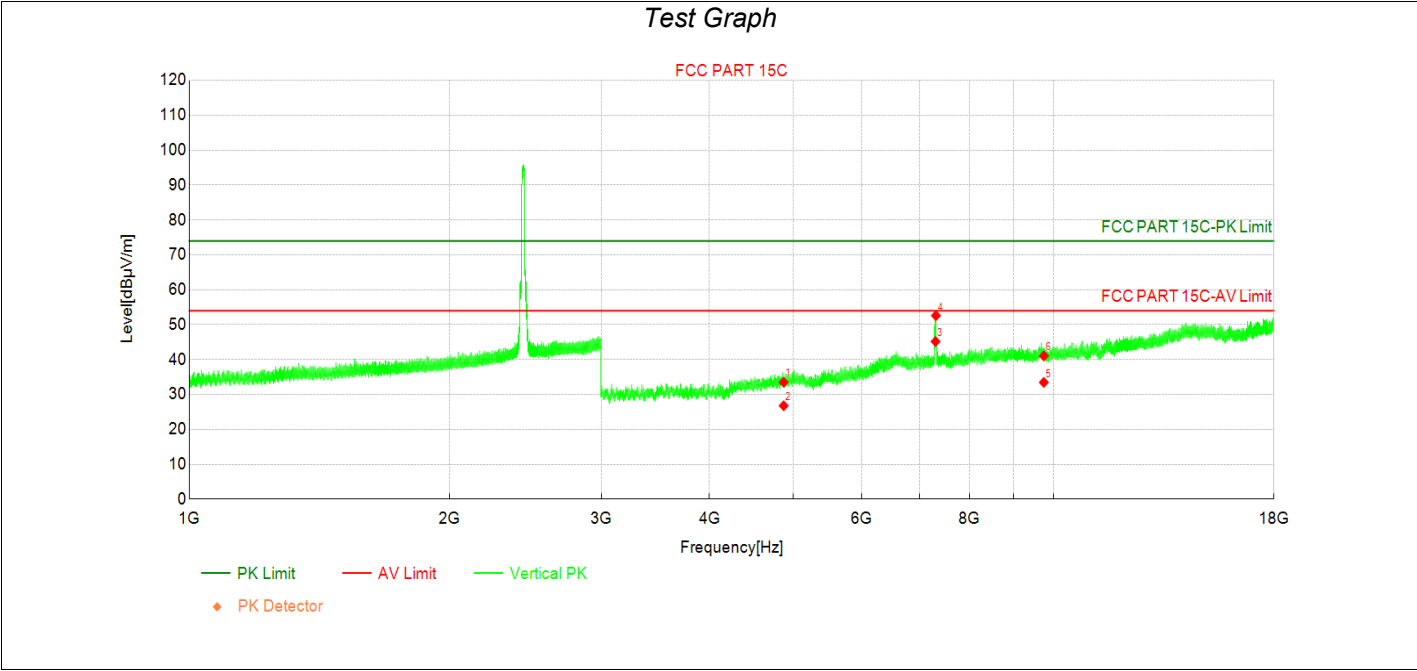
Test Graph



Data List

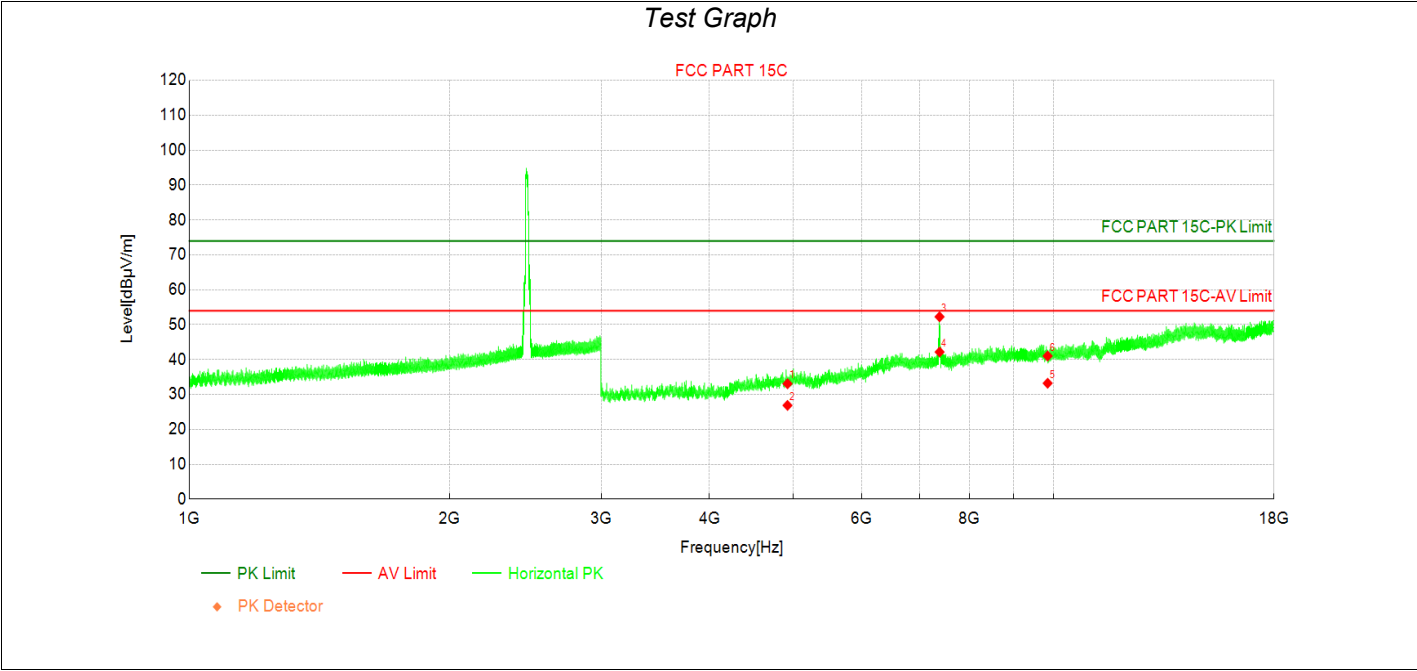
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	38.94	34.15	-4.79	74.00	39.85	PK	Horizo	PASS
2	4874.00	31.06	26.27	-4.79	54.00	27.73	AV	Horizo	PASS
3	7306.13	45.79	49.14	3.35	74.00	24.86	PK	Horizo	PASS
4	7307.25	37.69	41.04	3.35	54.00	12.96	AV	Horizo	PASS
5	9748.00	26.38	33.82	7.44	54.00	20.18	AV	Horizo	PASS
6	9748.00	33.75	41.19	7.44	74.00	32.81	PK	Horizo	PASS

Transmit at 2437MHz by 802.11n(20MHz) with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	38.29	33.50	-4.79	74.00	40.50	PK	Vertic	PASS
2	4874.00	31.54	26.75	-4.79	54.00	27.25	AV	Vertic	PASS
3	7305.00	41.83	45.18	3.35	54.00	8.82	AV	Vertic	PASS
4	7312.50	49.22	52.58	3.36	74.00	21.42	PK	Vertic	PASS
5	9748.00	26.01	33.45	7.44	54.00	20.55	AV	Vertic	PASS
6	9748.00	33.61	41.05	7.44	74.00	32.95	PK	Vertic	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant1

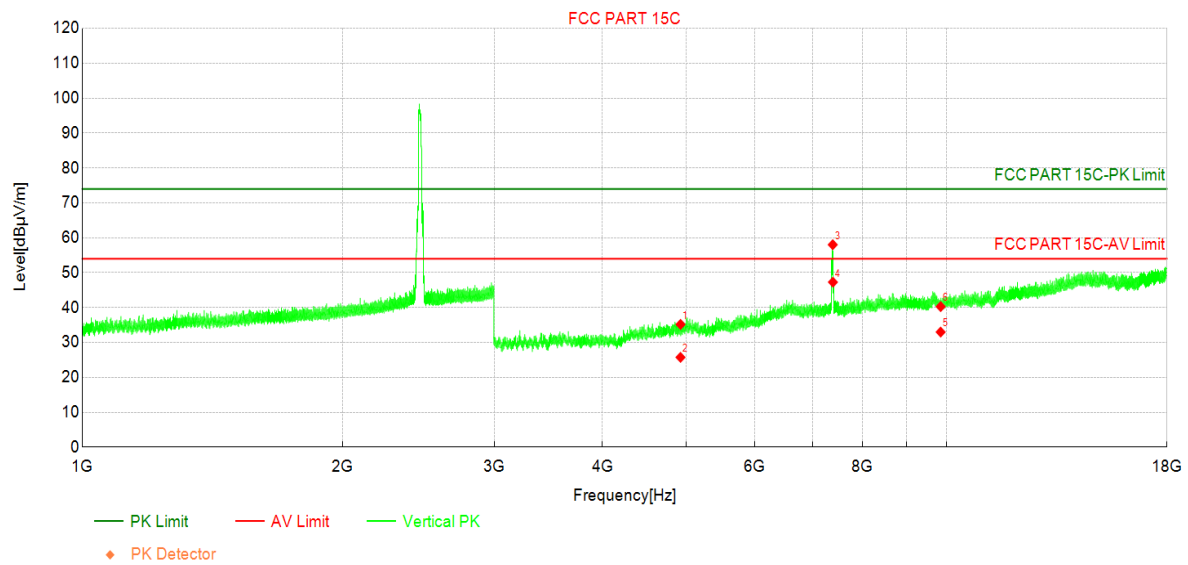


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	37.85	33.07	-4.78	74.00	40.93	PK	Horizo	PASS
2	4924.00	31.64	26.86	-4.78	54.00	27.14	AV	Horizo	PASS
3	7383.38	48.78	52.25	3.47	74.00	21.75	PK	Horizo	PASS
4	7384.50	38.70	42.17	3.47	54.00	11.83	AV	Horizo	PASS
5	9848.00	26.33	33.22	6.89	54.00	20.78	AV	Horizo	PASS
6	9848.00	34.13	41.02	6.89	74.00	32.98	PK	Horizo	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant1

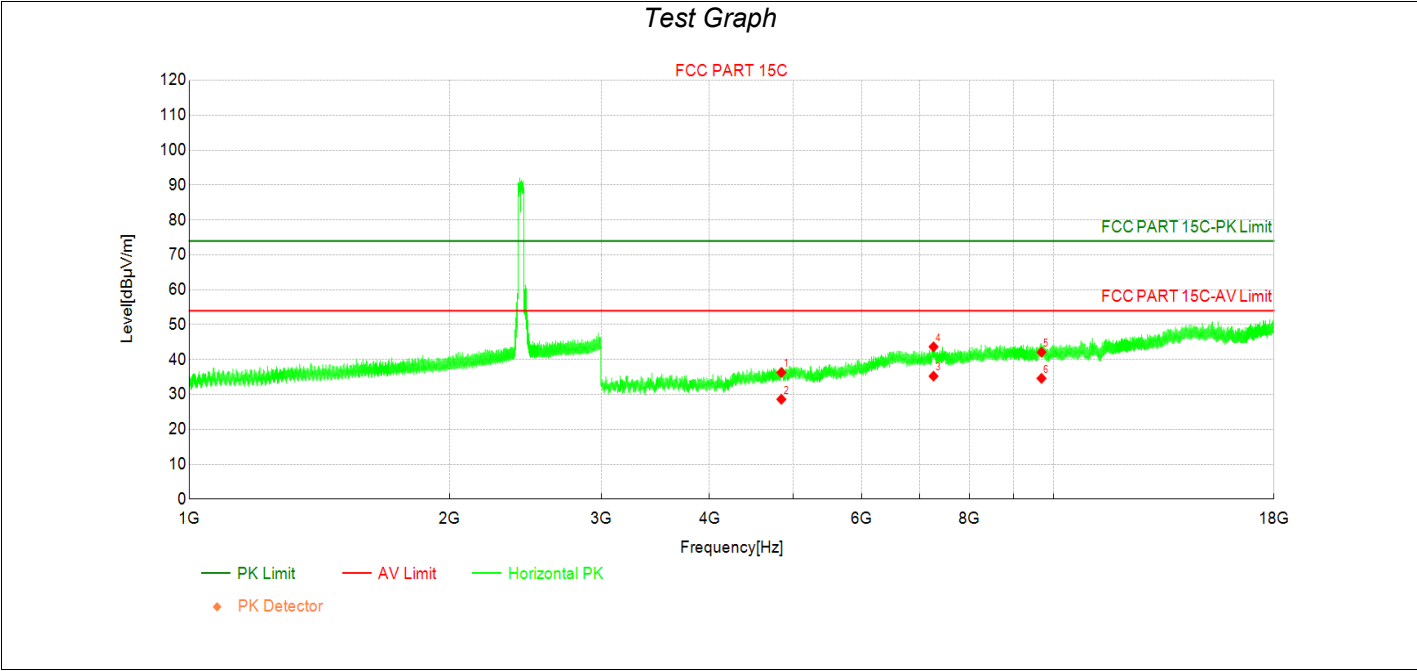
Test Graph



Data List

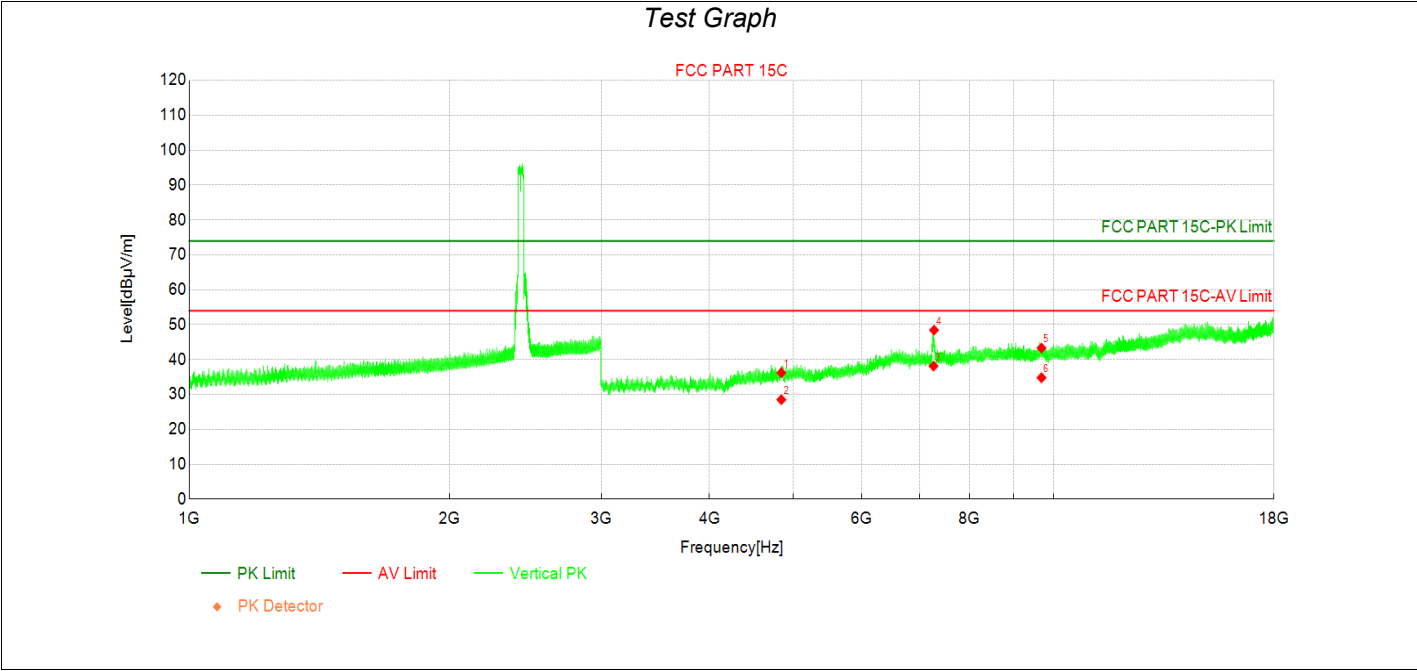
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	39.95	35.17	-4.78	74.00	38.83	PK	Vertic	PASS
2	4924.00	30.51	25.73	-4.78	54.00	28.27	AV	Vertic	PASS
3	7386.75	54.54	58.01	3.47	74.00	15.99	PK	Vertic	PASS
4	7391.25	43.80	47.28	3.48	54.00	6.72	AV	Vertic	PASS
5	9848.00	26.09	32.98	6.89	54.00	21.02	AV	Vertic	PASS
6	9848.00	33.39	40.28	6.89	74.00	33.72	PK	Vertic	PASS

Transmit at 2422MHz by 802.11n(40MHz) with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	41.03	36.28	-4.75	74.00	37.72	PK	Horizo	PASS
2	4844.00	33.36	28.61	-4.75	54.00	25.39	AV	Horizo	PASS
3	7266.00	31.90	35.24	3.34	54.00	18.76	AV	Horizo	PASS
4	7266.00	40.32	43.66	3.34	74.00	30.34	PK	Horizo	PASS
5	9688.00	34.33	42.10	7.77	74.00	31.90	PK	Horizo	PASS
6	9688.00	26.84	34.61	7.77	54.00	19.39	AV	Horizo	PASS

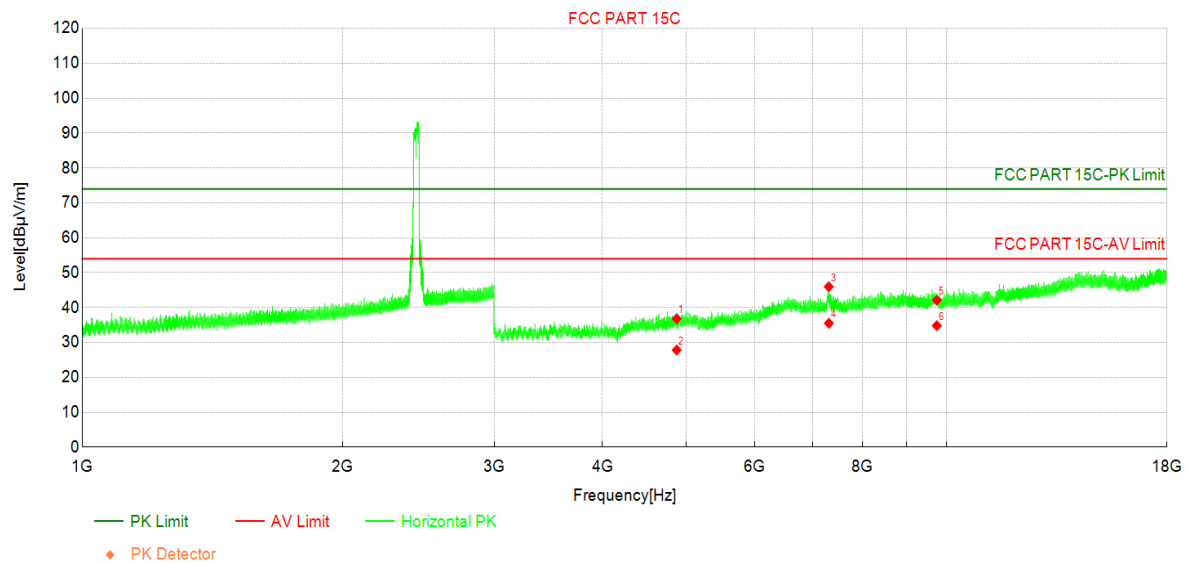
Transmit at 2422MHz by 802.11n(40MHz) with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	40.98	36.23	-4.75	74.00	37.77	PK	Vertic	PASS
2	4844.00	33.26	28.51	-4.75	54.00	25.49	AV	Vertic	PASS
3	7266.00	34.79	38.13	3.34	54.00	15.87	AV	Vertic	PASS
4	7276.13	45.08	48.43	3.35	74.00	25.57	PK	Vertic	PASS
5	9688.00	35.53	43.30	7.77	74.00	30.70	PK	Vertic	PASS
6	9688.00	27.03	34.80	7.77	54.00	19.20	AV	Vertic	PASS

Transmit at 2437MHz by 802.11n(40MHz) with Ant1

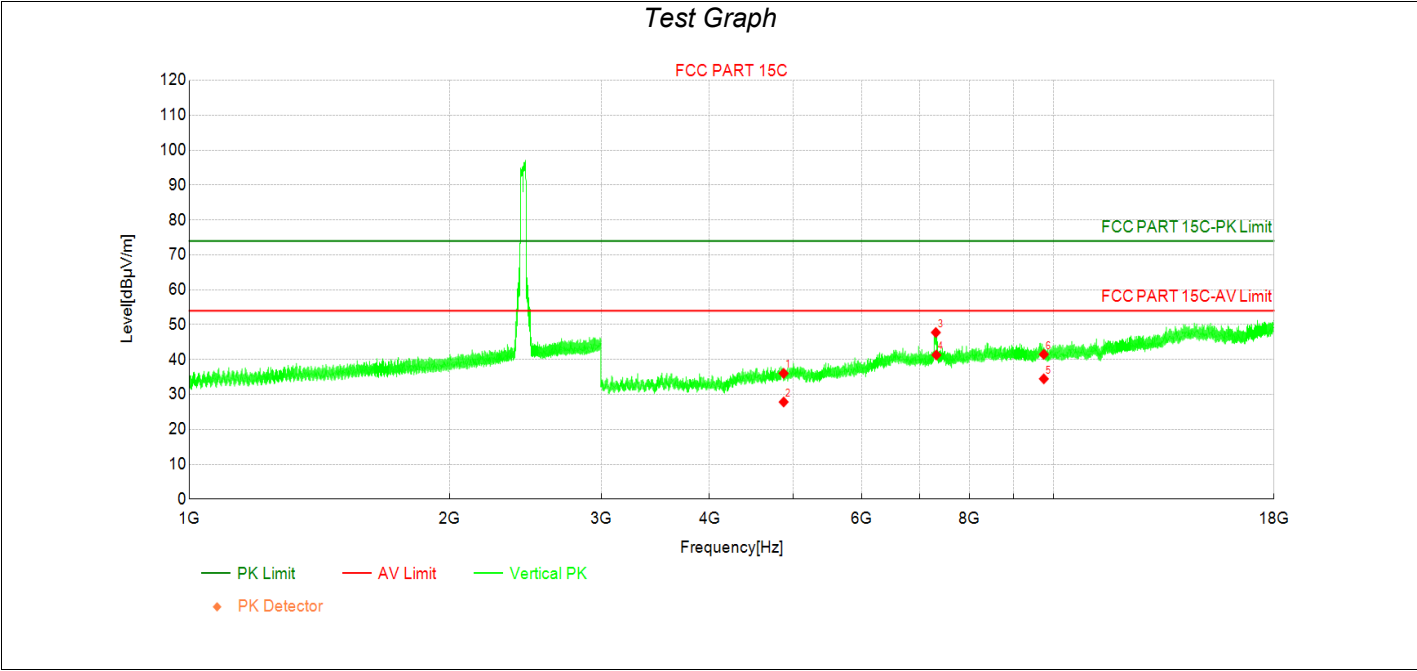
Test Graph



Data List

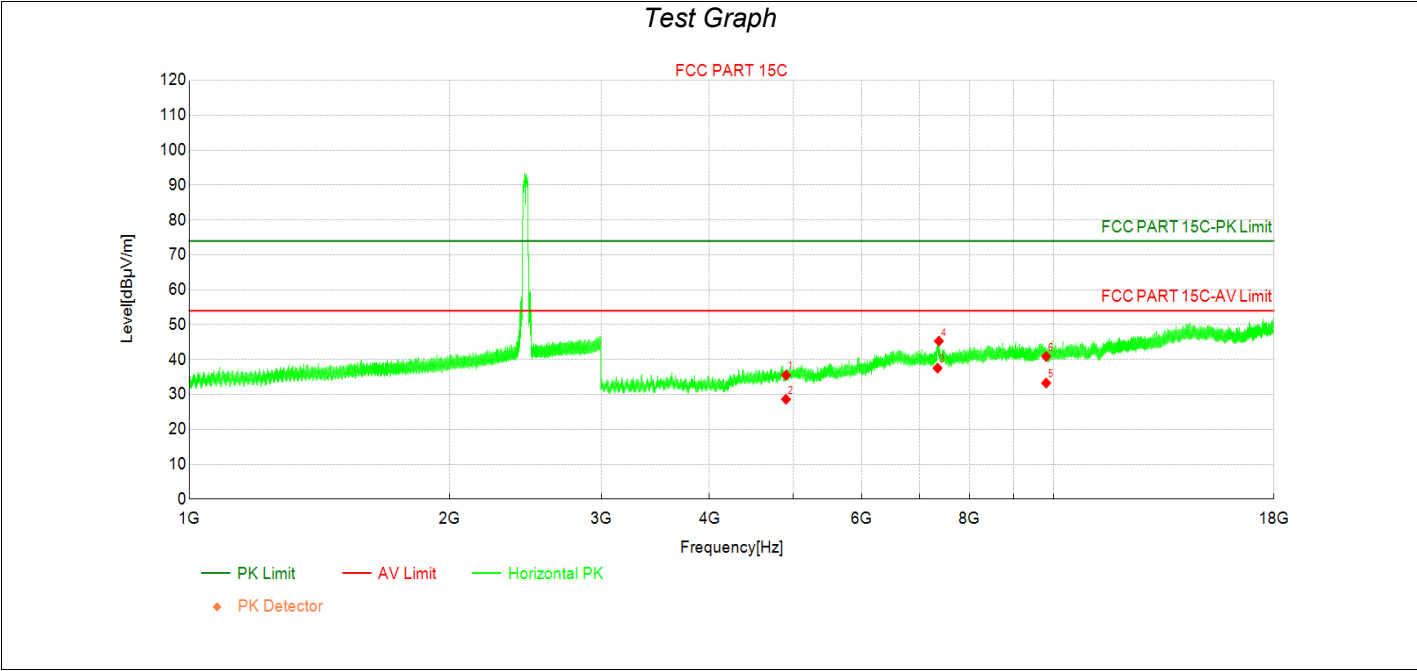
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.60	36.81	-4.79	74.00	37.19	PK	Horizo	PASS
2	4874.00	32.63	27.84	-4.79	54.00	26.16	AV	Horizo	PASS
3	7309.88	42.62	45.97	3.35	74.00	28.03	PK	Horizo	PASS
4	7311.00	32.15	35.50	3.35	54.00	18.50	AV	Horizo	PASS
5	9748.00	34.67	42.11	7.44	74.00	31.89	PK	Horizo	PASS
6	9748.00	27.37	34.81	7.44	54.00	19.19	AV	Horizo	PASS

Transmit at 2437MHz by 802.11n(40MHz) with Ant1



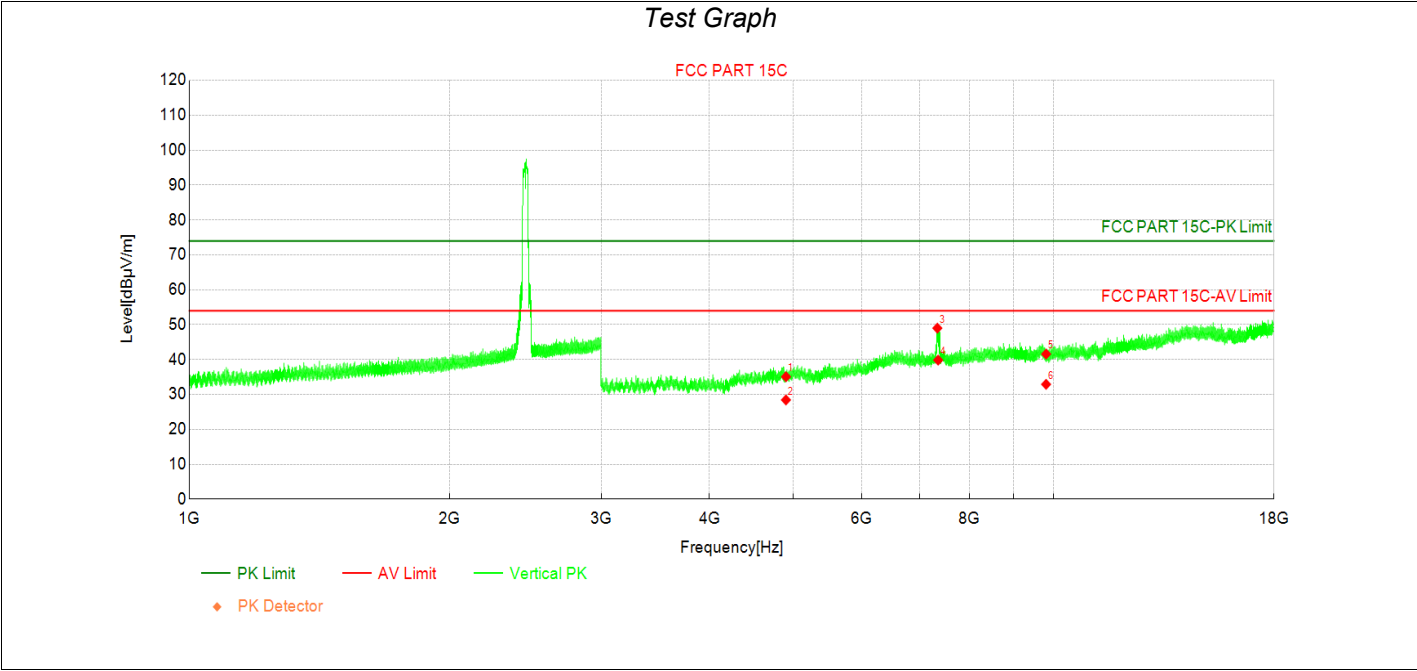
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	40.84	36.05	-4.79	74.00	37.95	PK	Vertic	PASS
2	4874.00	32.63	27.84	-4.79	54.00	26.16	AV	Vertic	PASS
3	7311.00	44.40	47.75	3.35	74.00	26.25	PK	Vertic	PASS
4	7321.13	37.94	41.31	3.37	54.00	12.69	AV	Vertic	PASS
5	9748.00	27.03	34.47	7.44	54.00	19.53	AV	Vertic	PASS
6	9748.00	34.06	41.50	7.44	74.00	32.50	PK	Vertic	PASS

Transmit at 2452MHz by 802.11n(40MHz) with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	40.34	35.52	-4.82	74.00	38.48	PK	Horizo	PASS
2	4904.00	33.44	28.62	-4.82	54.00	25.38	AV	Horizo	PASS
3	7345.13	34.13	37.54	3.41	54.00	16.46	AV	Horizo	PASS
4	7370.25	41.85	45.29	3.44	74.00	28.71	PK	Horizo	PASS
5	9808.00	26.34	33.27	6.93	54.00	20.73	AV	Horizo	PASS
6	9808.00	33.96	40.89	6.93	74.00	33.11	PK	Horizo	PASS

Transmit at 2452MHz by 802.11n(40MHz) with Ant1

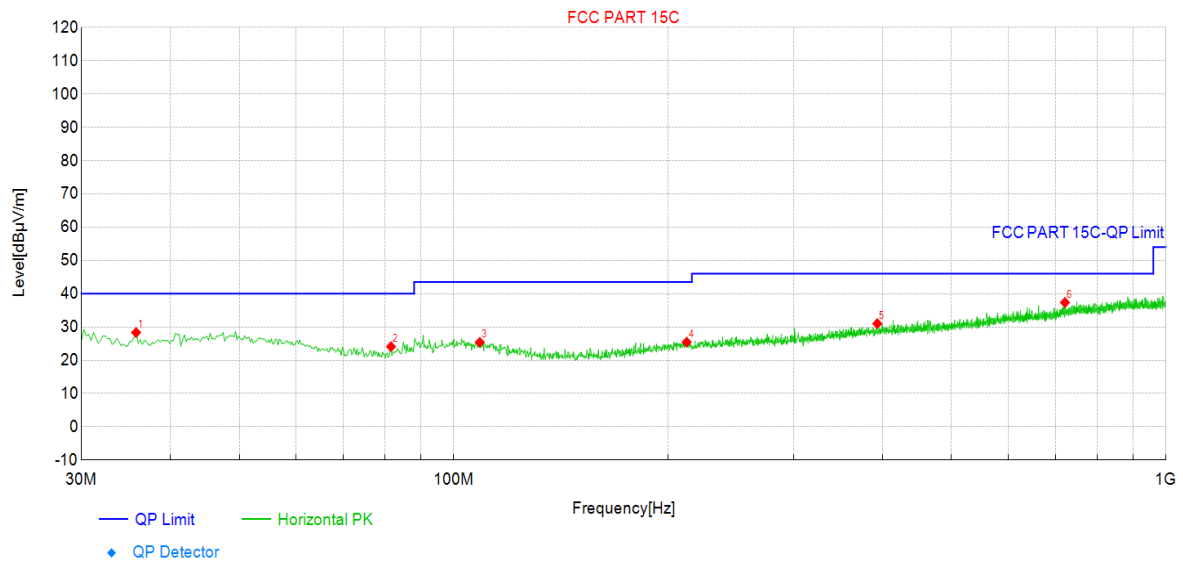


Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	39.89	35.07	-4.82	74.00	38.93	PK	Vertic	PASS
2	4904.00	33.25	28.43	-4.82	54.00	25.57	AV	Vertic	PASS
3	7340.25	45.61	49.01	3.40	74.00	24.99	PK	Vertic	PASS
4	7356.00	36.42	39.84	3.42	54.00	14.16	AV	Vertic	PASS
5	9808.00	34.65	41.58	6.93	74.00	32.42	PK	Vertic	PASS
6	9808.00	25.98	32.91	6.93	54.00	21.09	AV	Vertic	PASS

The worst case of Radiated Emission below 1GHz :

Transmit at 2412MHz by 802.11b

Test Graph

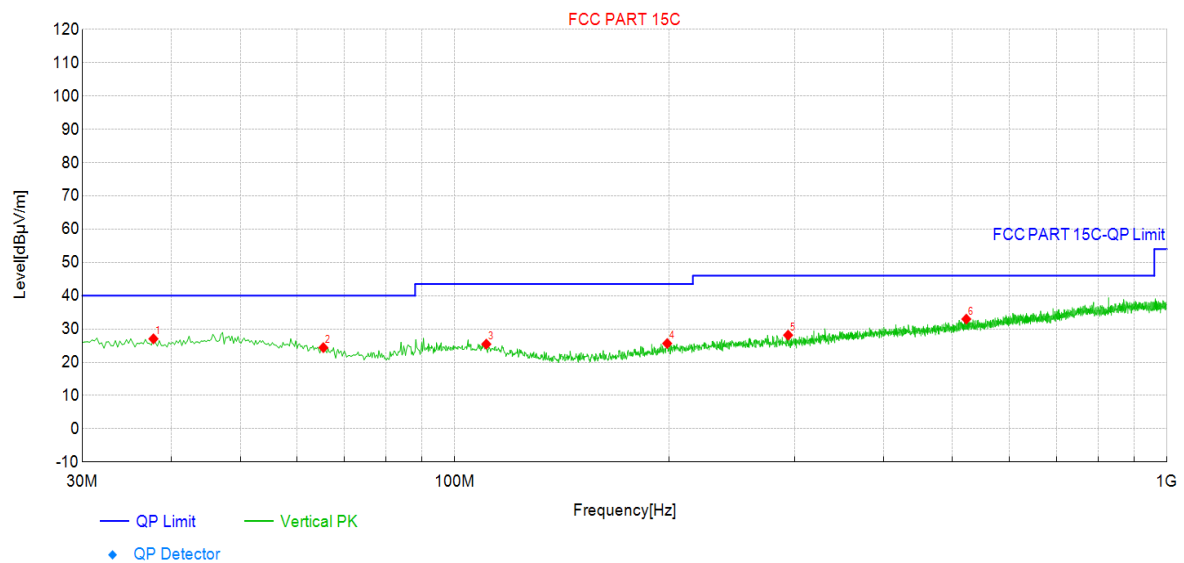


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	35.82	15.1	28.33	13.280	40.00	11.67	PK	Horizo	PASS
2	81.65	14.1	24.09	10.030	40.00	15.91	PK	Horizo	PASS
3	108.81	13.1	25.37	12.280	43.50	18.13	PK	Horizo	PASS
4	212.36	13.2	25.44	12.280	43.50	18.06	PK	Horizo	PASS
5	393.27	14.9	31.01	16.130	46.00	14.99	PK	Horizo	PASS
6	721.37	16.4	37.36	20.940	46.00	8.64	PK	Horizo	PASS

Transmit at 2412MHz by 802.11b

Test Graph



Data List

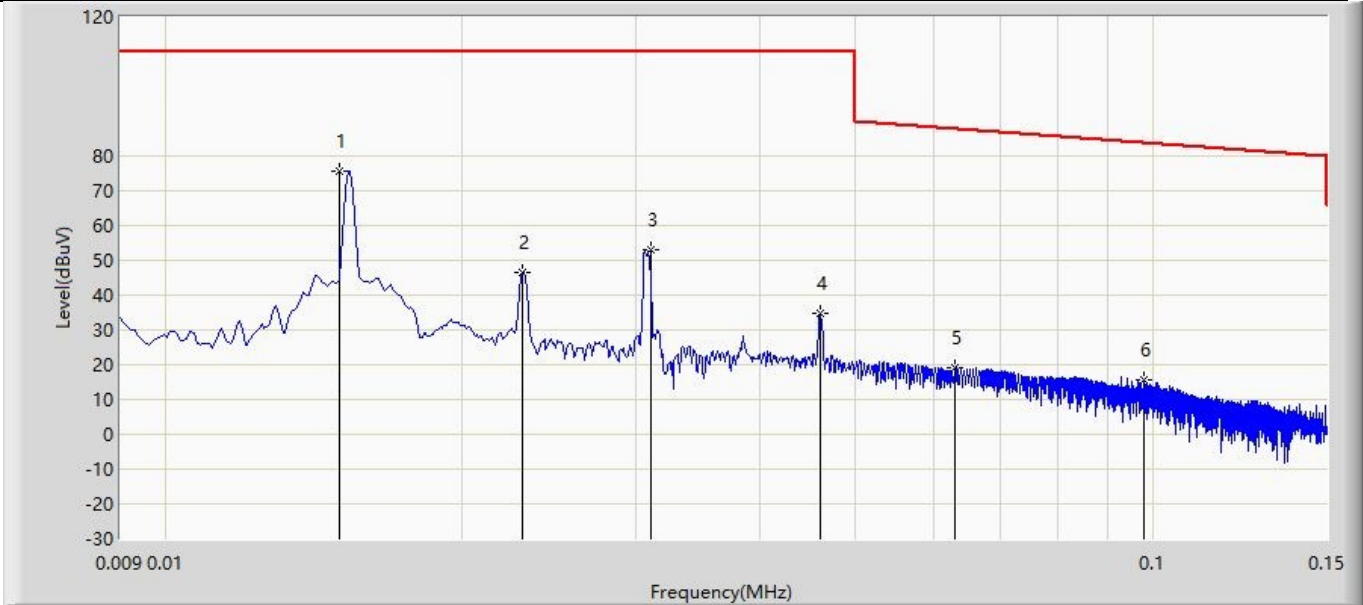
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	37.76	13.5	27.04	13.570	40.00	12.96	PK	Vertic	PASS
2	65.41	13.0	24.39	11.420	40.00	15.61	PK	Vertic	PASS
3	110.75	13.3	25.44	12.140	43.50	18.06	PK	Vertic	PASS
4	198.78	13.8	25.63	11.850	43.50	17.87	PK	Vertic	PASS
5	293.84	14.2	28.15	13.950	46.00	17.85	PK	Vertic	PASS
6	522.76	14.9	32.98	18.040	46.00	13.02	PK	Vertic	PASS

Note:

- 1.Measurement Level = Reading Level + Factor(Probe+Cable-Amp)
2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
3. If the test result on peak is lower than average limit, then average measurement needn't be performed.
4. All test data above 18GHz are noise base, so no data shown in this report.
5. In the report, below 1G, only the verification test is carried out for the worst channel of 1~18G worst mode.
6. The below 1G test data was measured on the worst-case configuration selected from each transmission mode on the low and high channel.

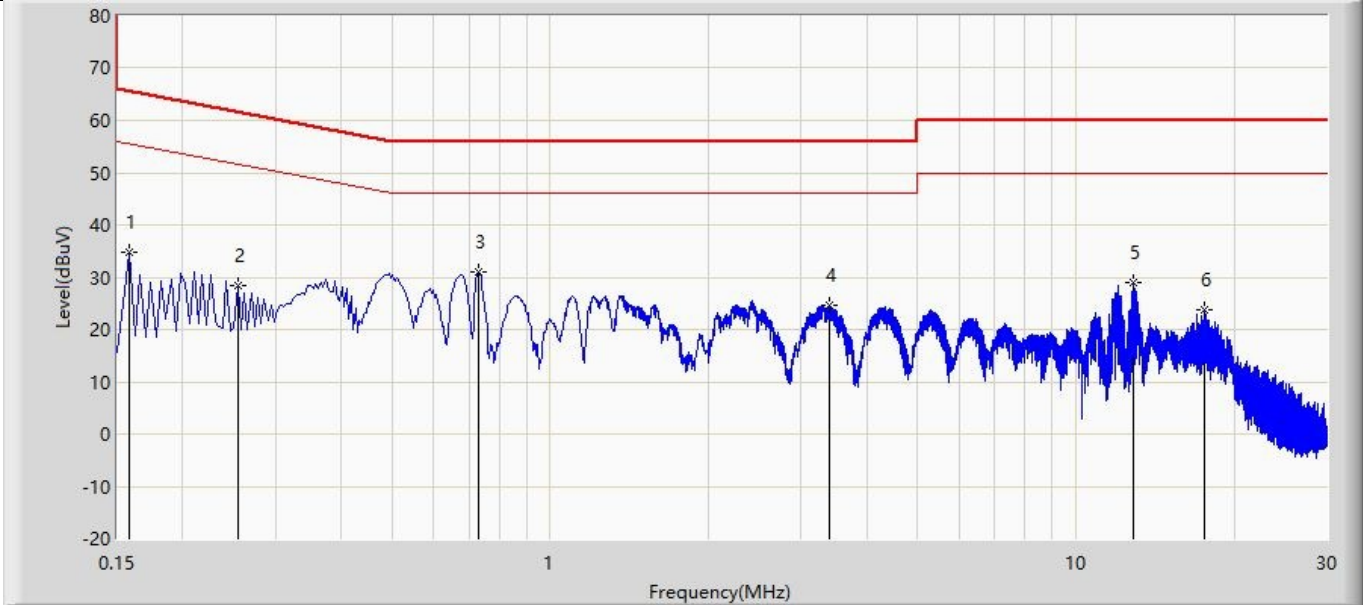
Appendix H: AC Power Line Conducted Emission

Profile: 2580636R	Page No.: 5
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/10 - 20:10
Limit: FCC_CE_AC Power-1	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: SC254-WBA3	Power: AC 120V
Note: Transmit at 2412MHz by 802.11b	



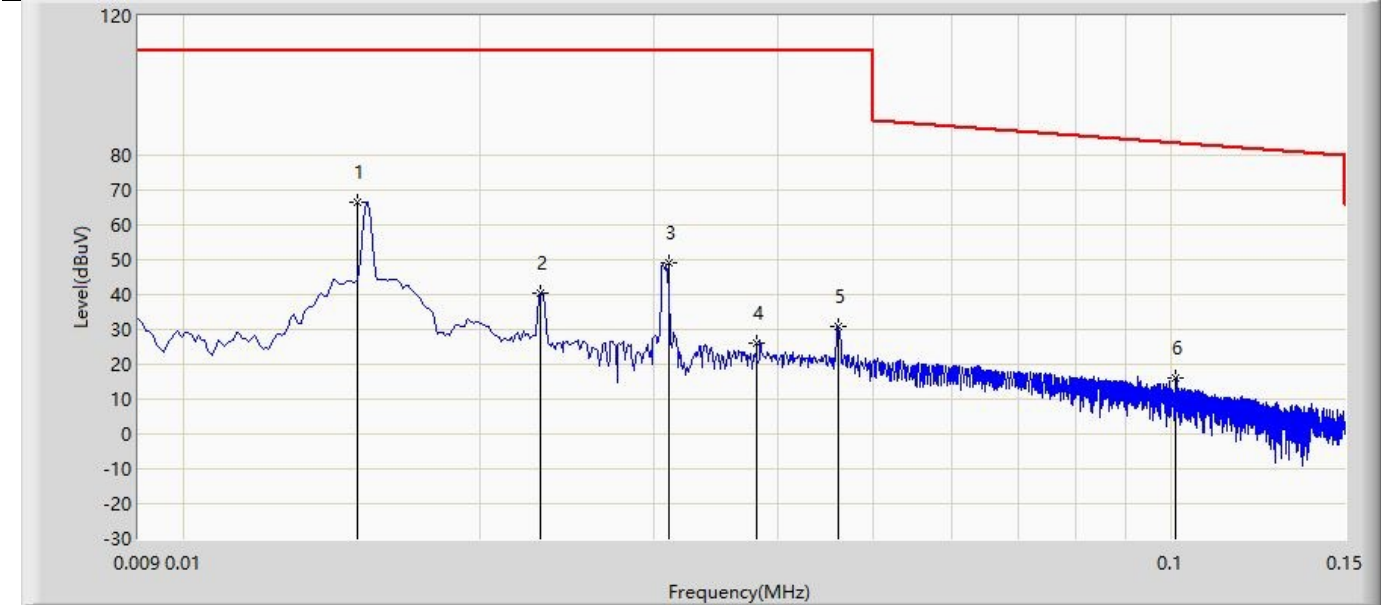
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.015	75.523	65.278	-34.477	110.000	10.245	QP
2		0.023	46.555	36.478	-63.445	110.000	10.077	QP
3		0.031	52.865	42.955	-57.135	110.000	9.910	QP
4		0.046	34.798	25.063	-75.202	110.000	9.735	QP
5		0.063	19.201	9.484	-68.696	87.896	9.717	QP
6		0.098	15.477	5.785	-68.398	83.875	9.692	QP

Profile: 2580636R	Page No.: 6
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/10 - 20:11
Limit: FCC_CE_AC Power-1	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: SC254-WBA3	Power: AC 120V
Note: Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.158	34.865	25.197	-30.703	65.568	9.668	QP
2		0.254	28.482	18.819	-33.144	61.625	9.663	QP
3	*	0.730	31.097	21.433	-24.903	56.000	9.664	QP
4		3.406	24.606	14.807	-31.394	56.000	9.799	QP
5		12.850	29.028	19.055	-30.972	60.000	9.973	QP
6		17.514	23.709	13.380	-36.291	60.000	10.330	QP

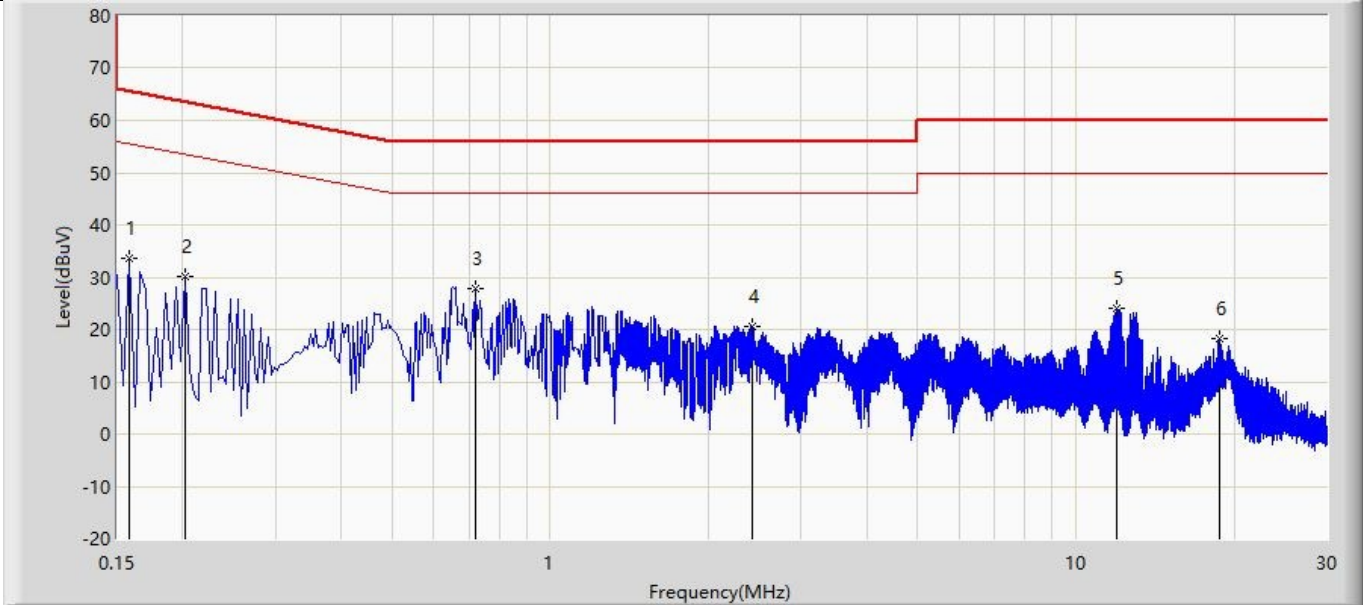
Profile: 2580636R	Page No.: 7
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/10 - 20:11
Limit: FCC_CE_AC Power-1	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: SC254-WBA3	Power: AC 120V
Note: Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.015	66.687	56.409	-43.313	110.000	10.278	QP
2		0.023	40.252	30.151	-69.748	110.000	10.101	QP
3		0.031	48.979	39.054	-61.021	110.000	9.925	QP
4		0.038	26.285	16.514	-83.715	110.000	9.771	QP
5		0.046	31.004	21.266	-78.996	110.000	9.738	QP
6		0.101	15.972	6.318	-67.628	83.600	9.654	QP



Profile: 2580636R	Page No.: 8
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/10 - 20:11
Limit: FCC_CE_AC Power-1	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: SC254-WBA3	Power: AC 120V
Note: Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.158	33.675	23.984	-31.894	65.568	9.691	QP
2		0.202	30.108	20.459	-33.420	63.528	9.649	QP
3	*	0.722	27.876	18.224	-28.124	56.000	9.653	QP
4		2.418	20.709	10.993	-35.291	56.000	9.716	QP
5		11.954	24.137	14.127	-35.863	60.000	10.010	QP
6		18.706	18.203	7.862	-41.797	60.000	10.341	QP

The End