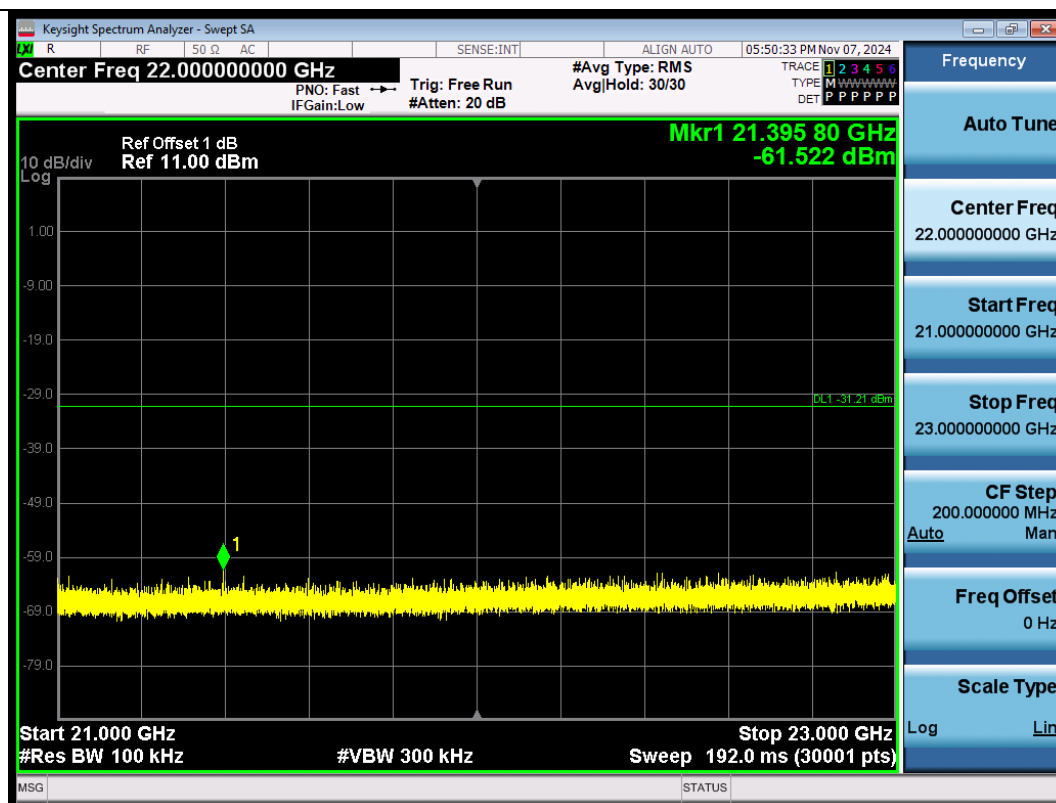
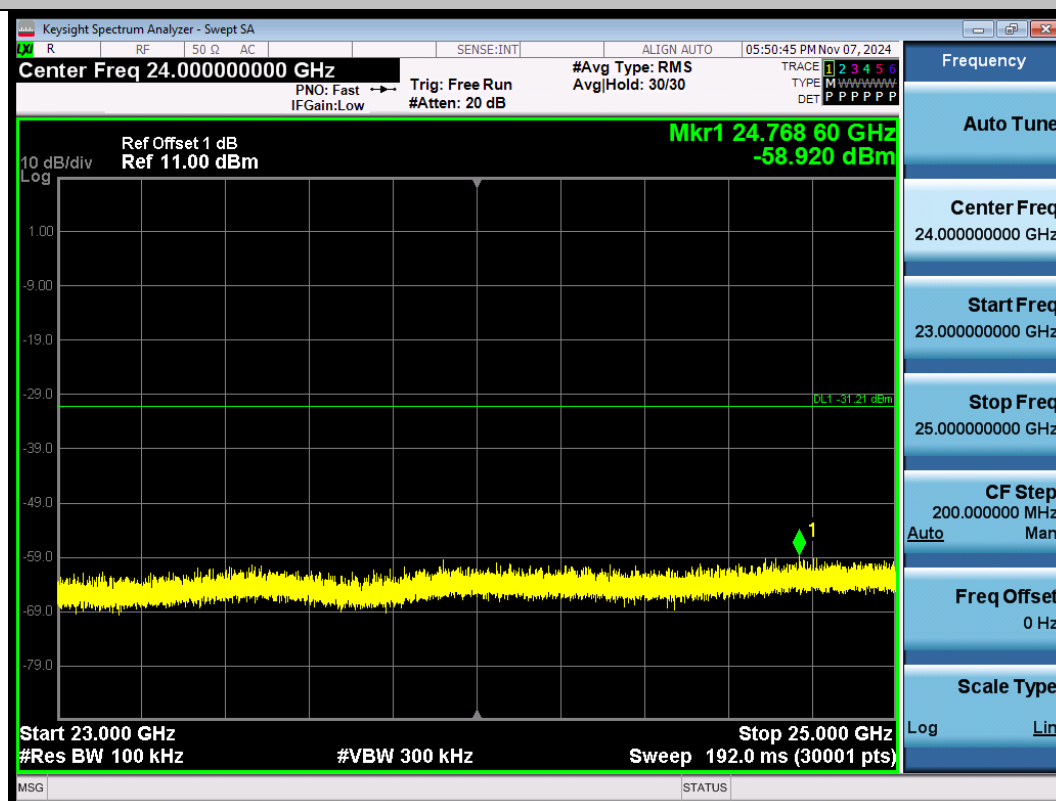




11AX40-2452-21000~23000-PASS

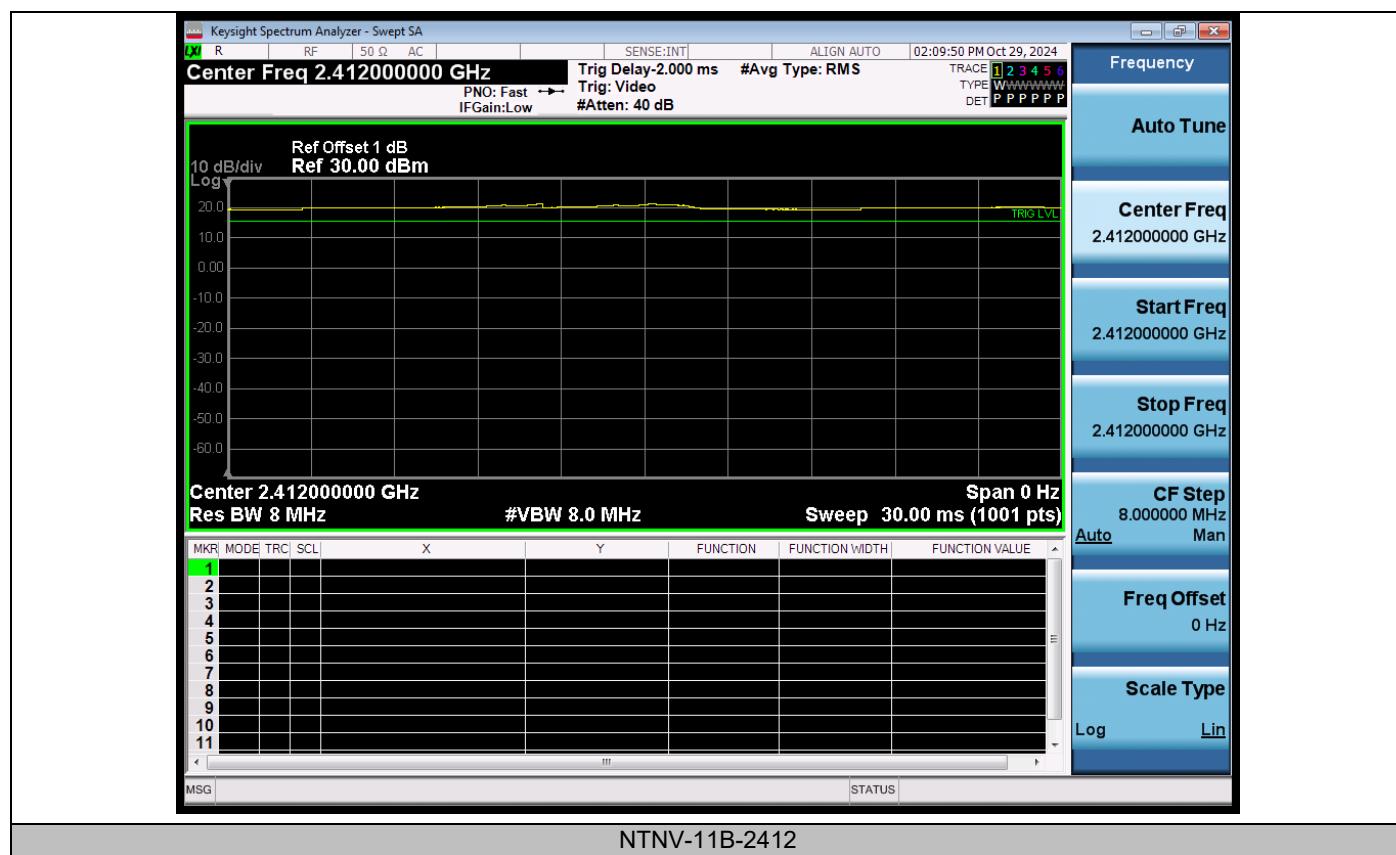


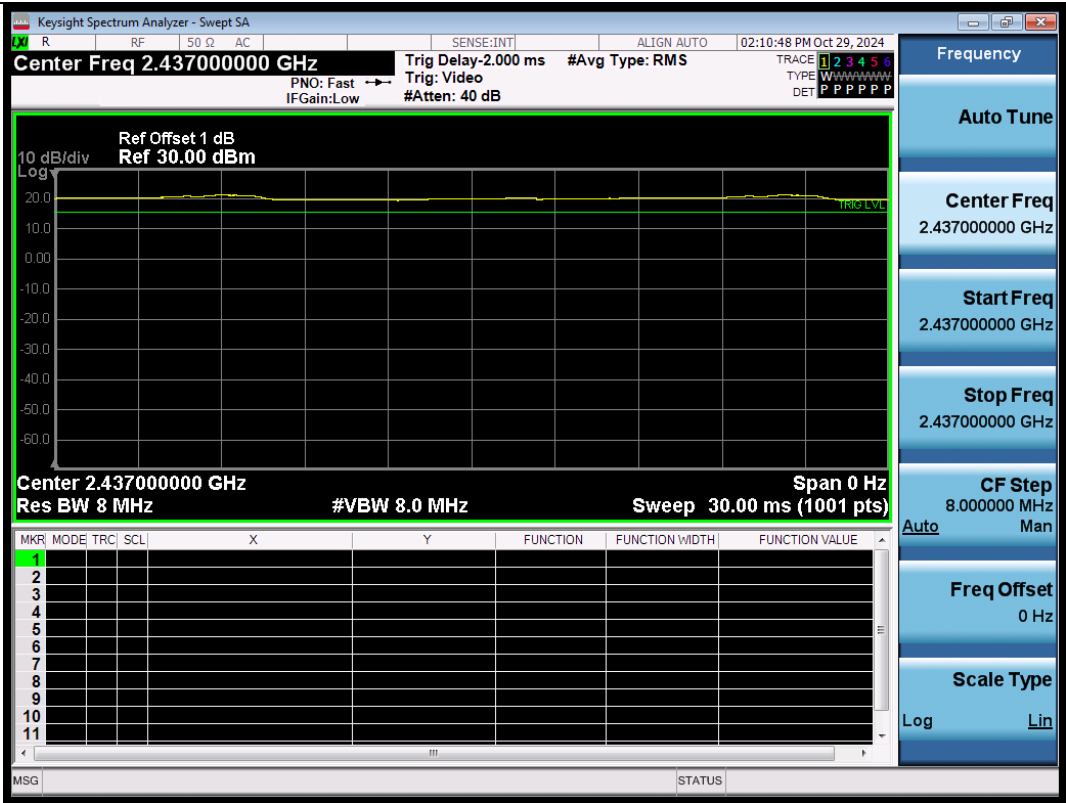
11AX40-2452-23000~25000-PASS

Appendix F: Duty Cycle

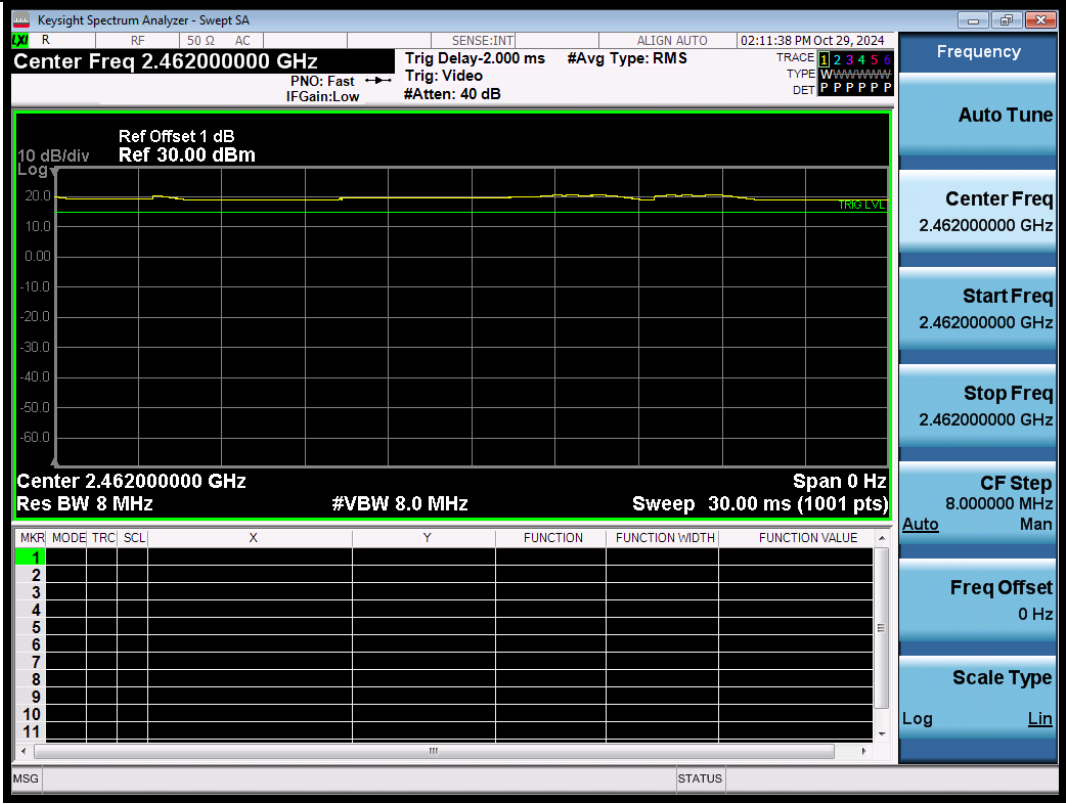
TestMode	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	2412	30.00	30.00	100.00	0.00
11B	2437	30.00	30.00	100.00	0.00
11B	2462	30.00	30.00	100.00	0.00
11G	2412	2.09	2.11	99.05	0.04
11G	2437	2.09	2.11	99.05	0.04
11G	2462	30.00	30.00	100.00	0.00
11AX20	2412	5.44	5.46	99.63	0.02
11AX20	2437	30.00	30.00	100.00	0.00
11AX20	2462	30.00	30.00	100.00	0.00
11AX40	2422	5.44	5.46	99.63	0.02
11AX40	2437	30.00	30.00	100.00	0.00
11AX40	2452	30.00	30.00	100.00	0.00

Test Graphs

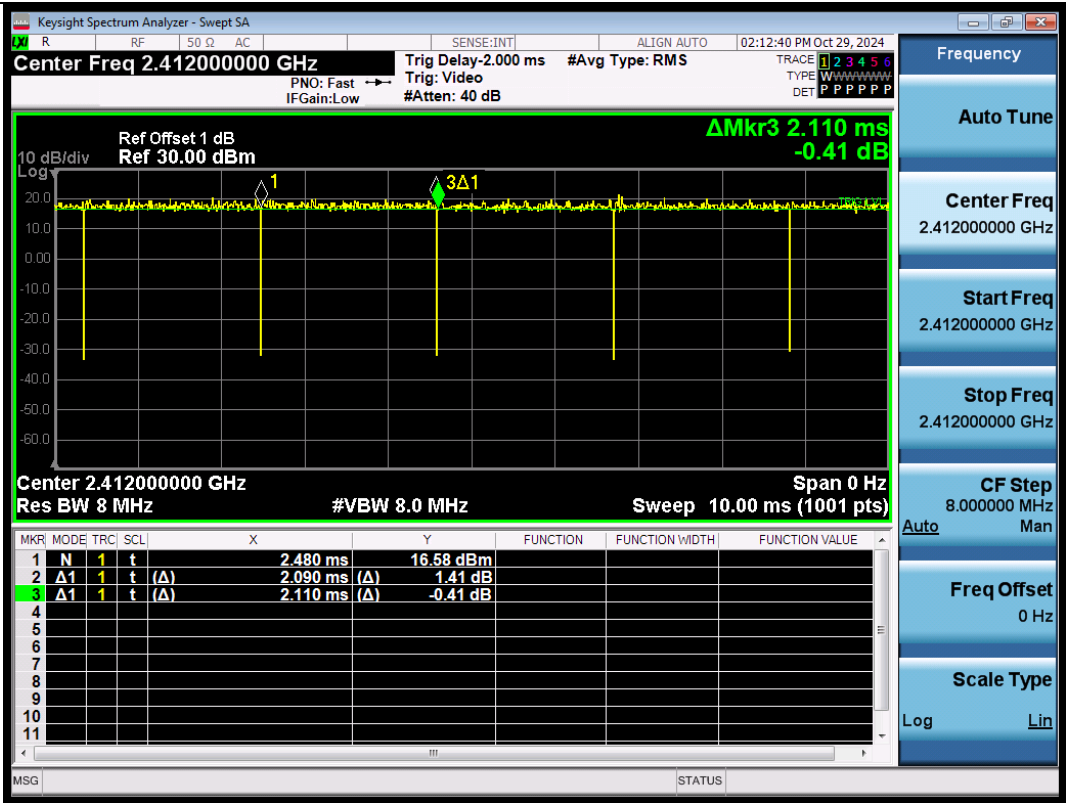




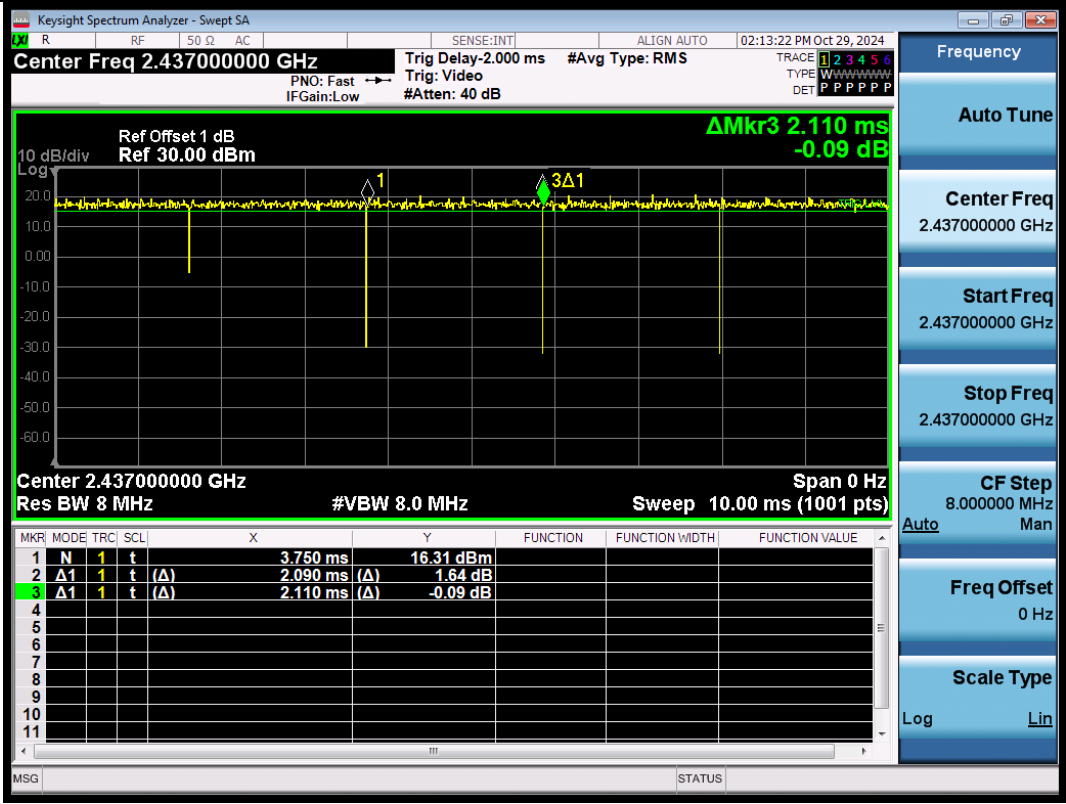
NTNV-11B-2437



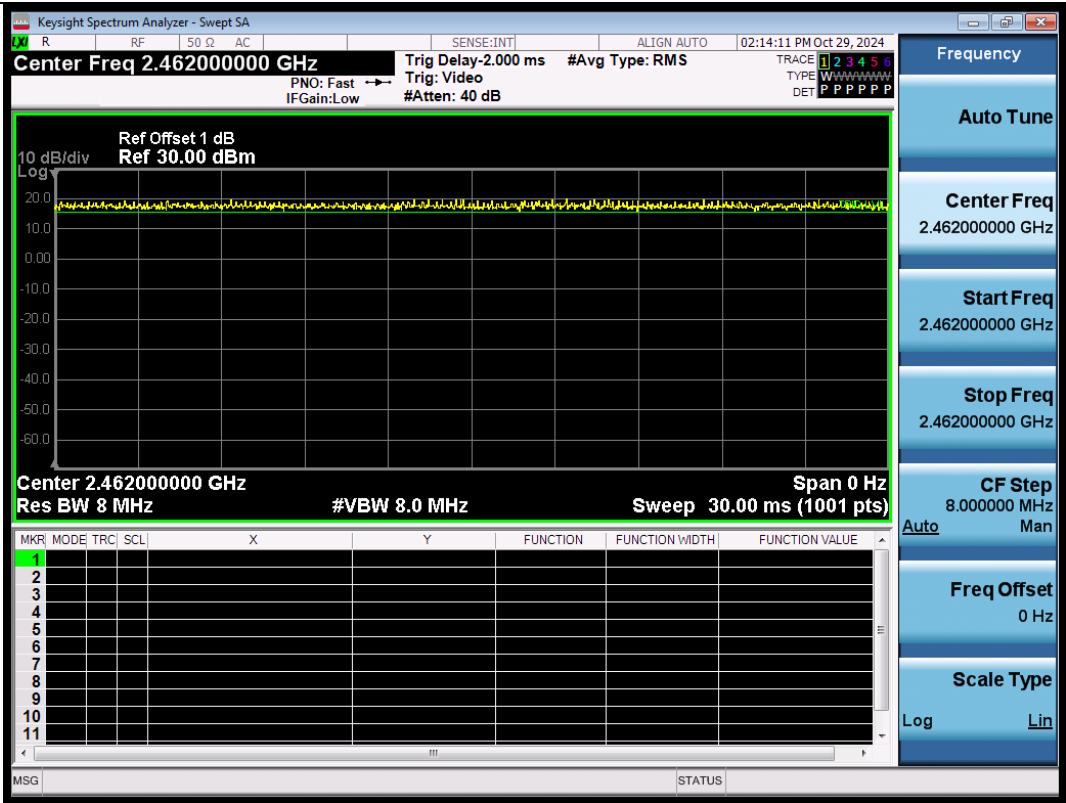
NTNV-11B-2462



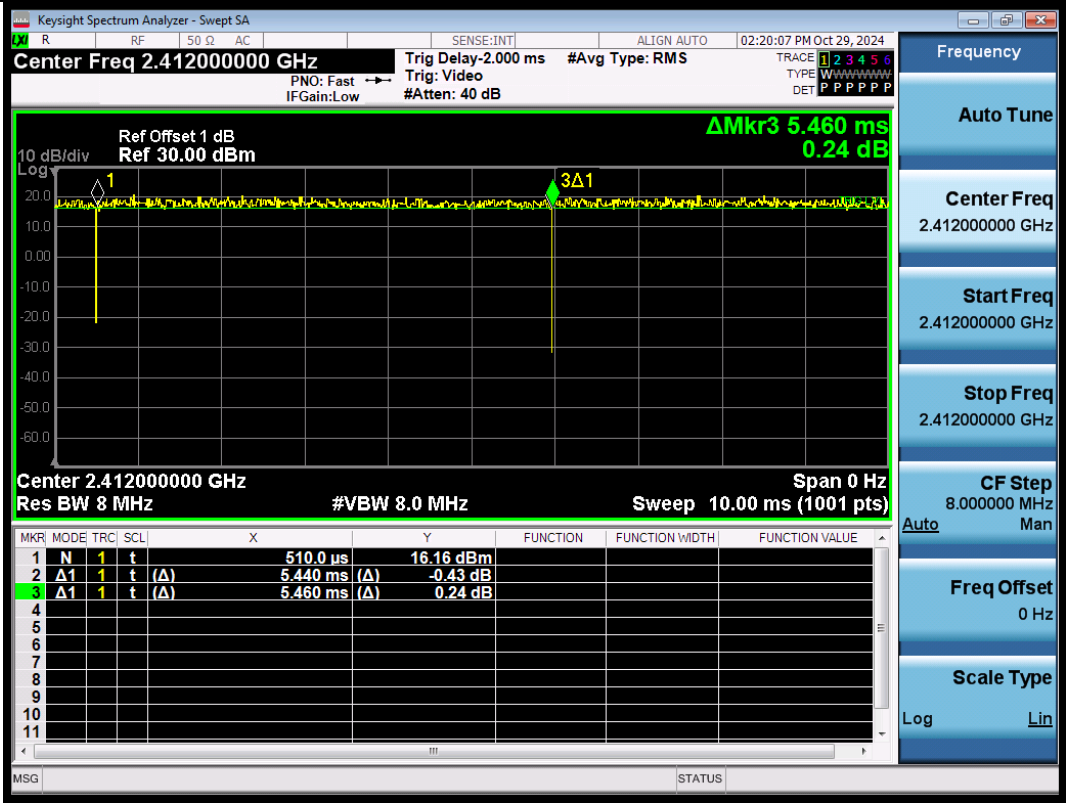
NTNV-11G-2412



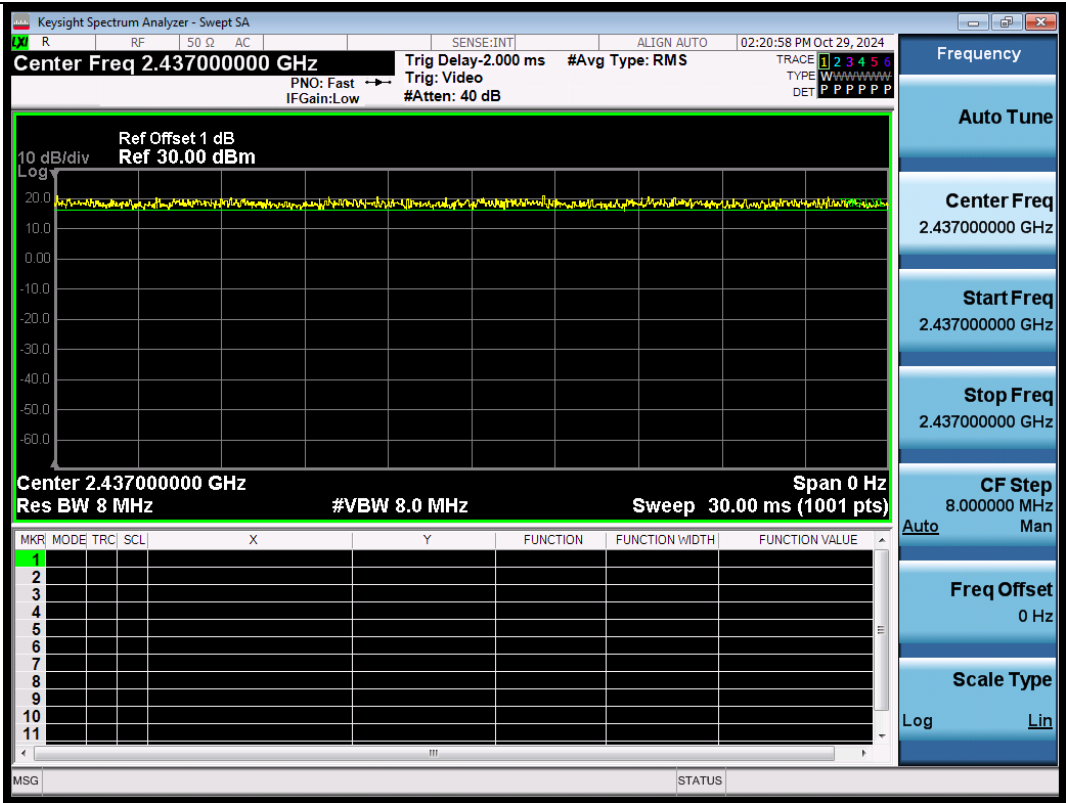
NTNV-11G-2437



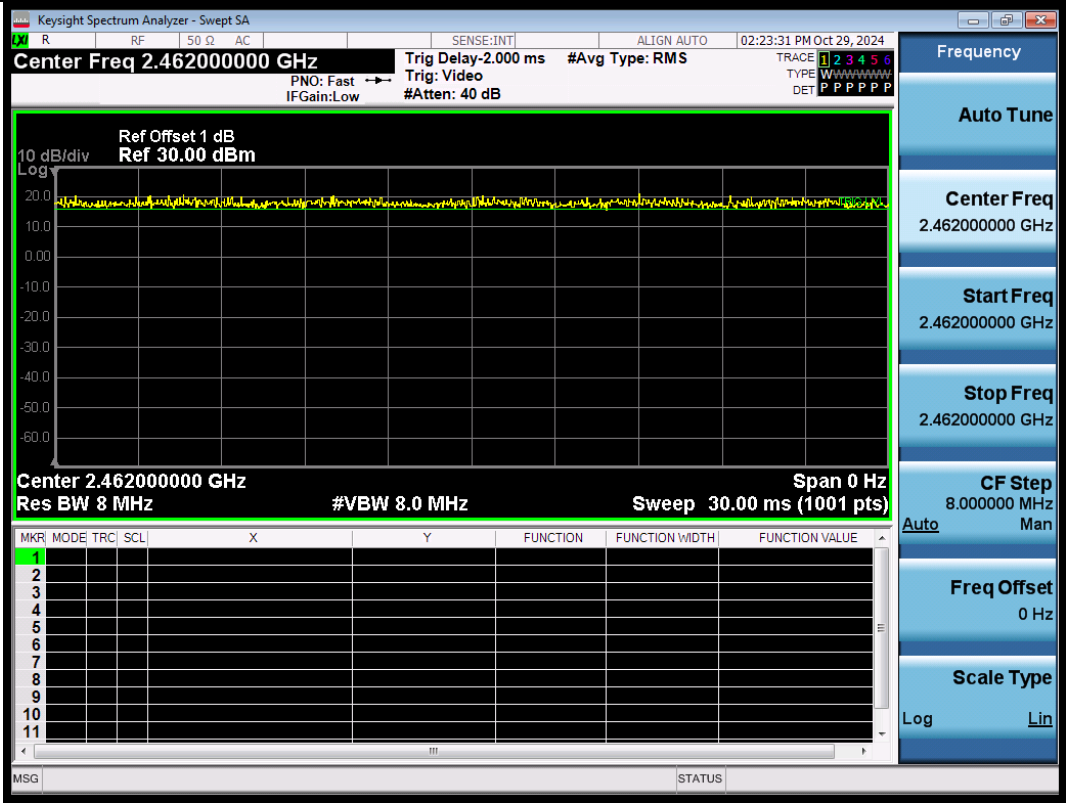
NTNV-11G-2462



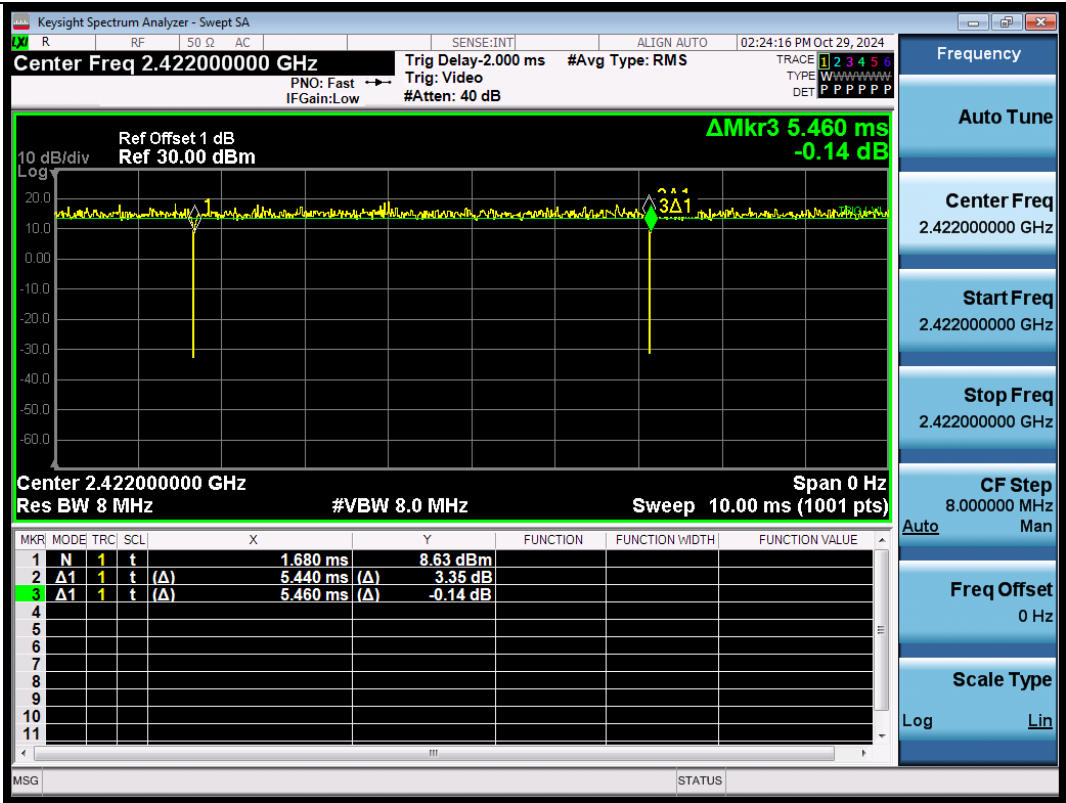
NTNV-11AX20-2412



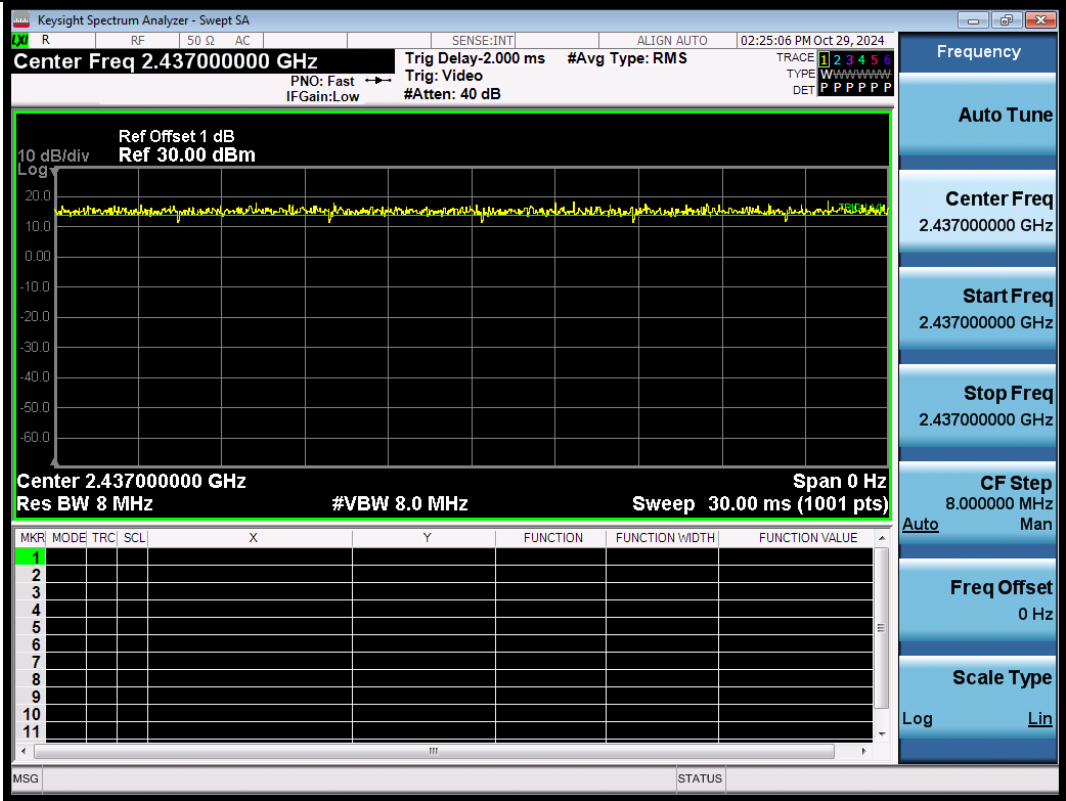
NTNV-11AX20-2437



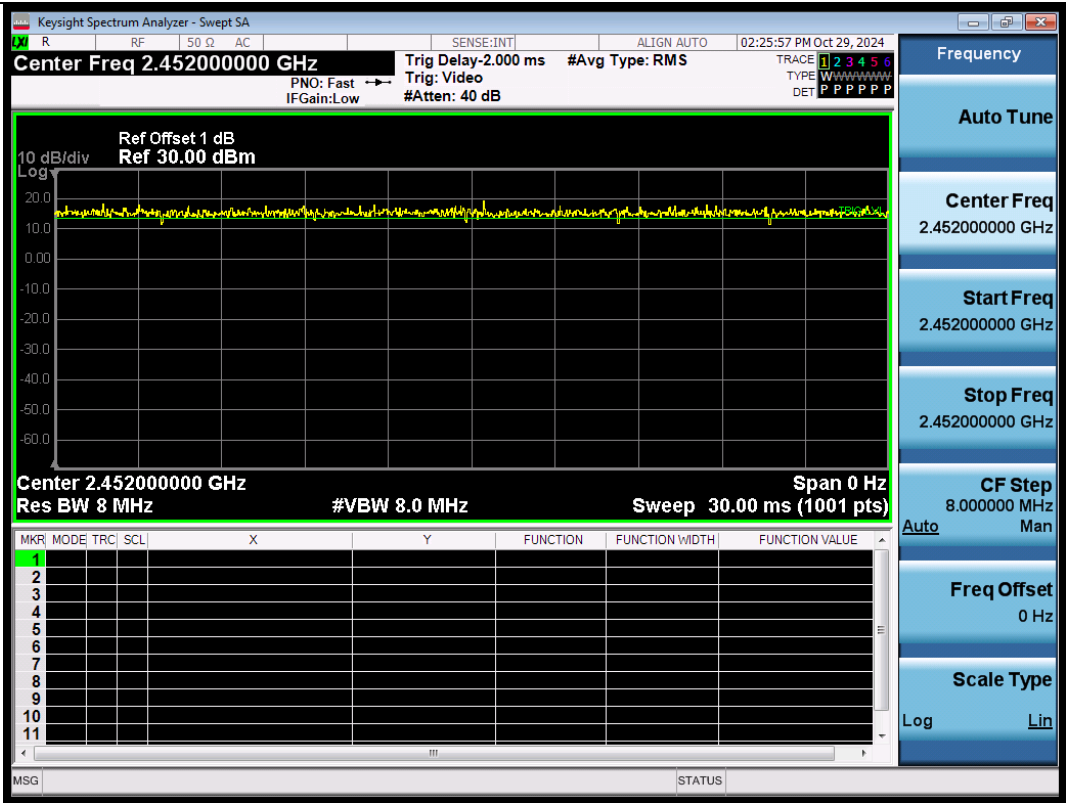
NTNV-11AX20-2462



NTNV-11AX40-2422



NTNV-11AX40-2437



NTNV-11AX40-2452

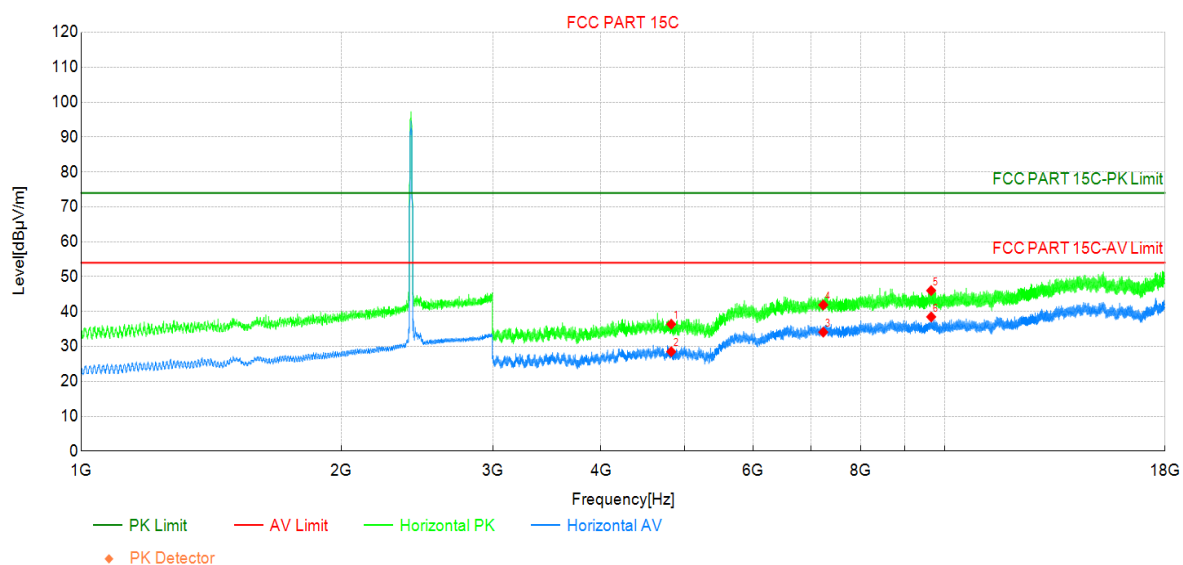
Appendix G: Emissions in Restricted Bands

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2412MHz by 802.11b	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

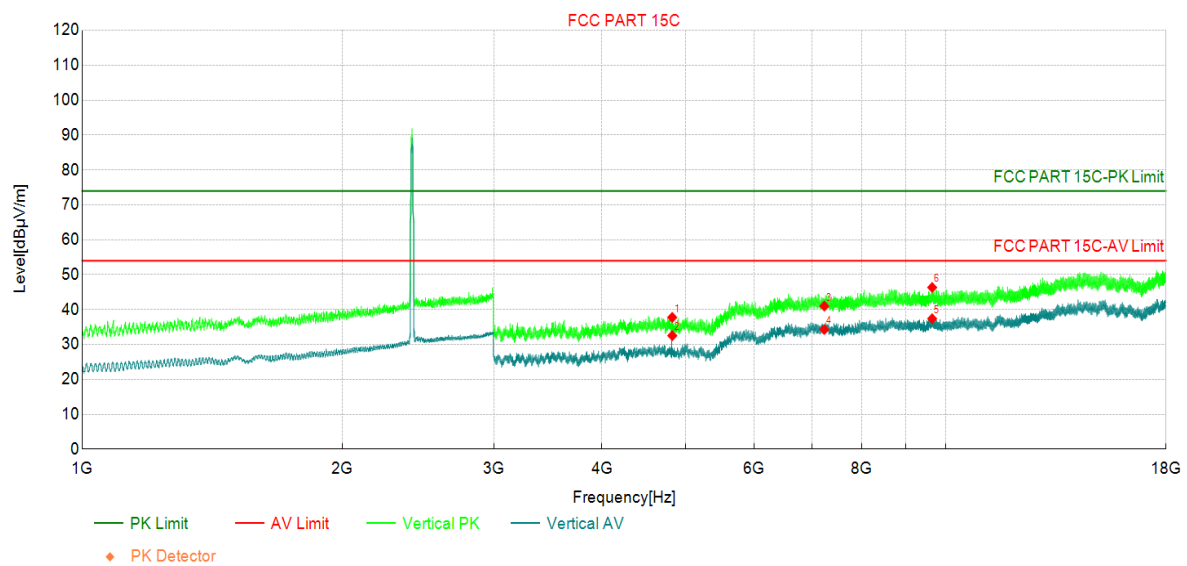
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	42.41	36.37	-6.04	74.00	37.63	PK	Horizo	PASS
2	4824.00	34.55	28.51	-6.04	54.00	25.49	AV	Horizo	PASS
3	7236.00	31.13	34.10	2.97	54.00	19.90	AV	Horizo	PASS
4	7236.00	38.92	41.89	2.97	74.00	32.11	PK	Horizo	PASS
5	9648.00	39.92	46.00	6.08	74.00	28.00	PK	Horizo	PASS
6	9648.00	32.39	38.47	6.08	54.00	15.53	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2412MHz by 802.11b	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

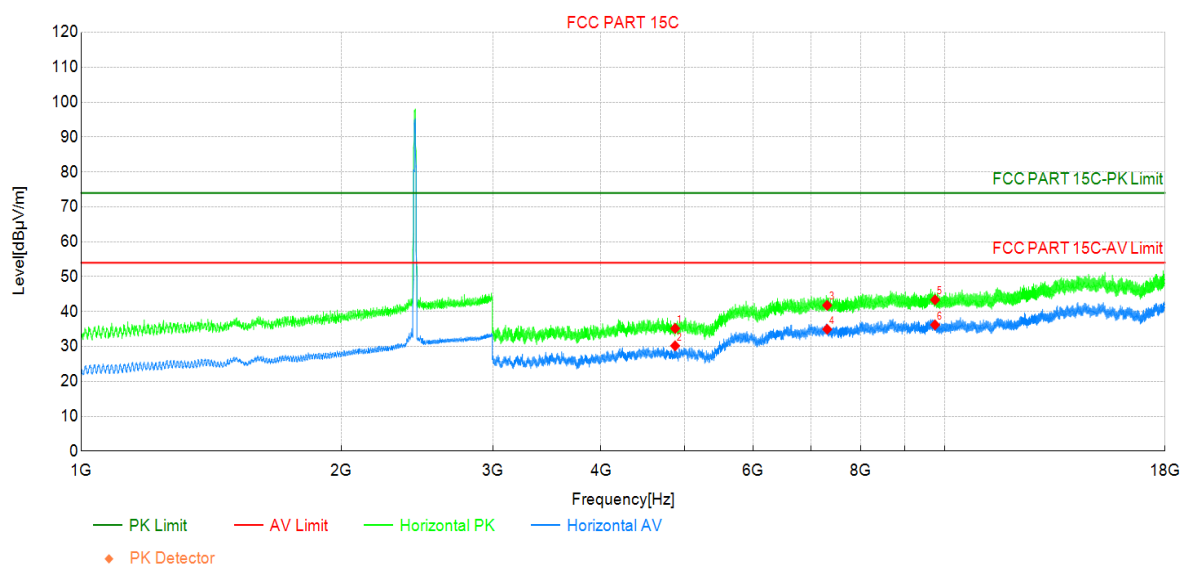
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	43.79	37.75	-6.04	74.00	36.25	PK	Vertic	PASS
2	4824.38	38.56	32.52	-6.04	54.00	21.48	AV	Vertic	PASS
3	7236.00	38.02	40.99	2.97	74.00	33.01	PK	Vertic	PASS
4	7236.00	31.33	34.30	2.97	54.00	19.70	AV	Vertic	PASS
5	9648.00	31.28	37.36	6.08	54.00	16.64	AV	Vertic	PASS
6	9648.00	40.24	46.32	6.08	74.00	27.68	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2437MHz by 802.11b	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

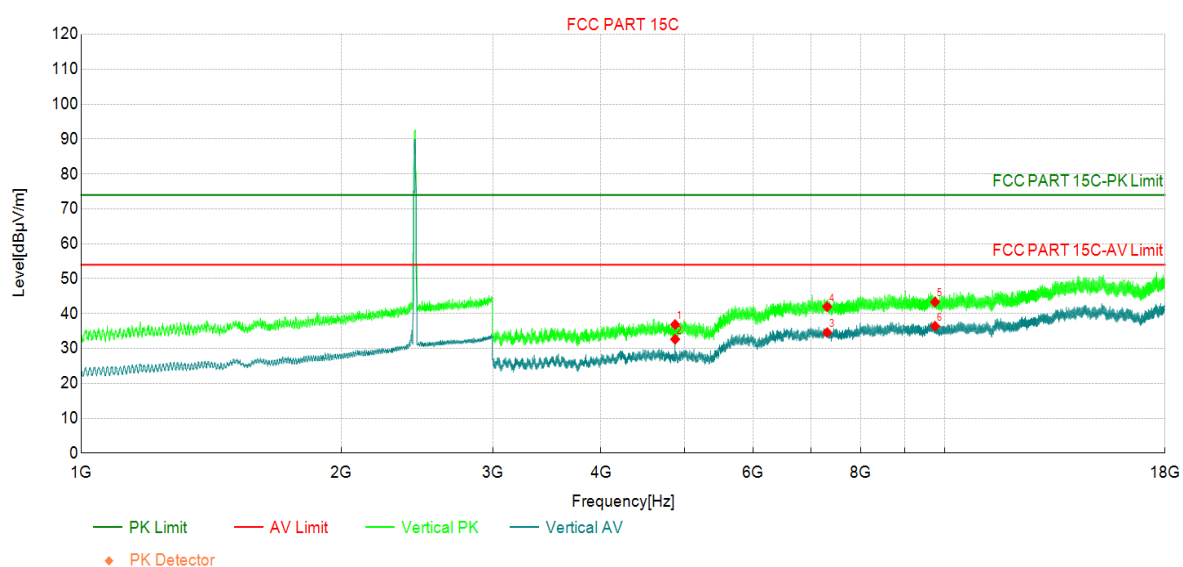
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.23	35.15	-6.08	74.00	38.85	PK	Horizo	PASS
2	4874.00	36.26	30.18	-6.08	54.00	23.82	AV	Horizo	PASS
3	7311.00	38.91	41.78	2.87	74.00	32.22	PK	Horizo	PASS
4	7311.00	32.06	34.93	2.87	54.00	19.07	AV	Horizo	PASS
5	9748.00	37.19	43.35	6.16	74.00	30.65	PK	Horizo	PASS
6	9748.00	30.02	36.18	6.16	54.00	17.82	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2437MHz by 802.11b	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

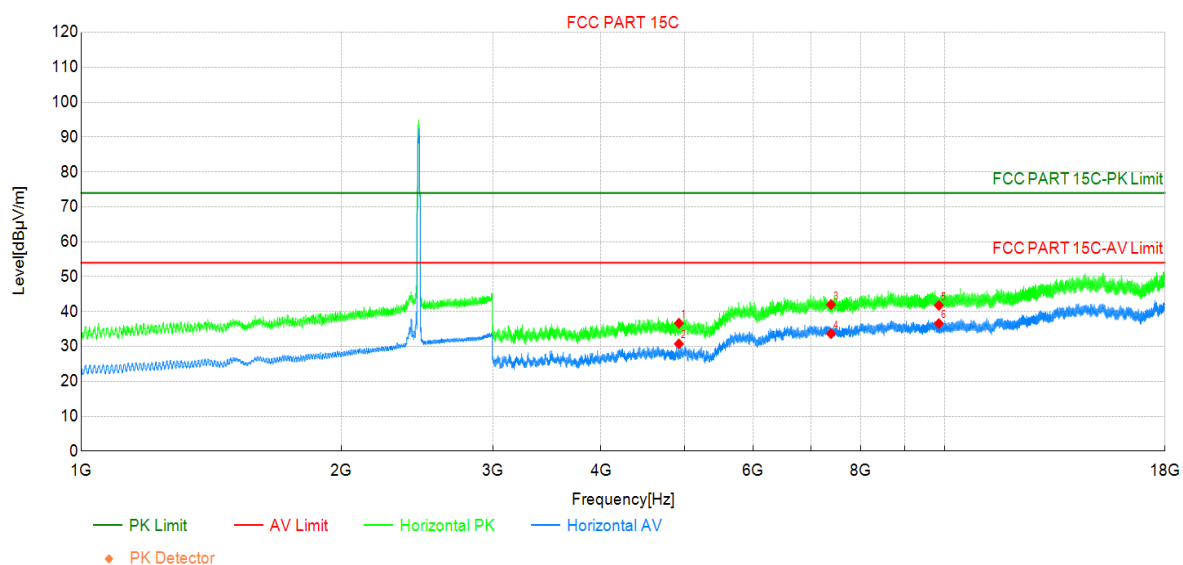
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	42.94	36.86	-6.08	74.00	37.14	PK	Vertic	PASS
2	4874.00	38.72	32.64	-6.08	54.00	21.36	AV	Vertic	PASS
3	7311.00	31.68	34.55	2.87	54.00	19.45	AV	Vertic	PASS
4	7311.00	39.09	41.96	2.87	74.00	32.04	PK	Vertic	PASS
5	9748.00	37.16	43.32	6.16	74.00	30.68	PK	Vertic	PASS
6	9748.00	30.23	36.39	6.16	54.00	17.61	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2462MHz by 802.11b	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

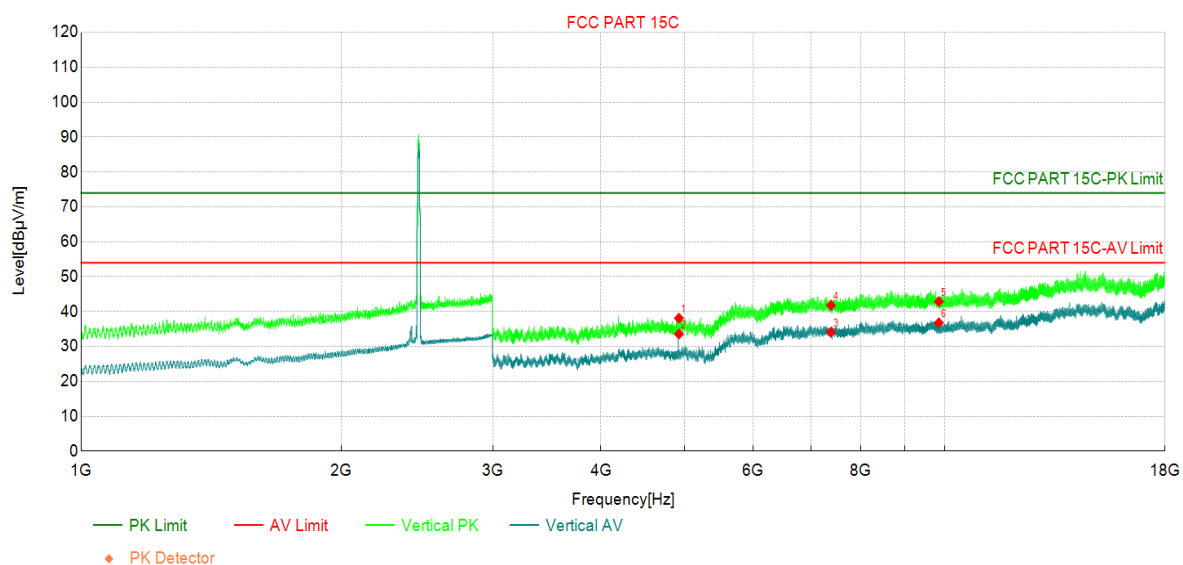
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	42.42	36.66	-5.76	74.00	37.34	PK	Horizo	PASS
2	4924.00	36.49	30.73	-5.76	54.00	23.27	AV	Horizo	PASS
3	7386.00	39.71	42.01	2.30	74.00	31.99	PK	Horizo	PASS
4	7386.00	31.37	33.67	2.30	54.00	20.33	AV	Horizo	PASS
5	9848.00	35.96	41.76	5.80	74.00	32.24	PK	Horizo	PASS
6	9848.00	30.76	36.56	5.80	54.00	17.44	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2462MHz by 802.11b	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

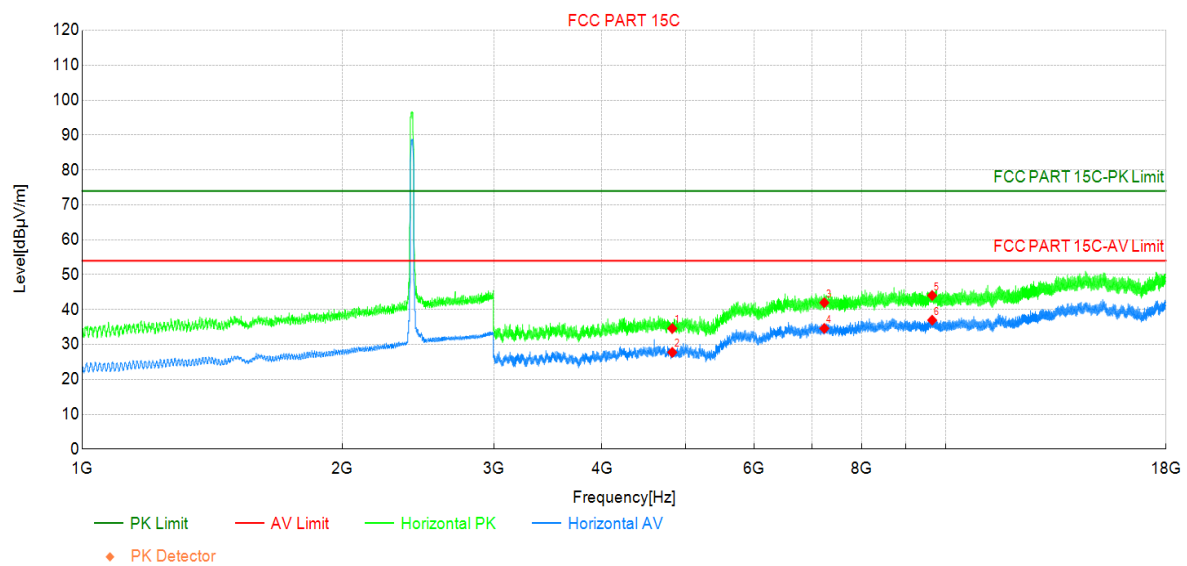
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	43.85	38.09	-5.76	74.00	35.91	PK	Vertic	PASS
2	4924.00	39.32	33.56	-5.76	54.00	20.44	AV	Vertic	PASS
3	7386.00	31.79	34.09	2.30	54.00	19.91	AV	Vertic	PASS
4	7386.00	39.50	41.80	2.30	74.00	32.20	PK	Vertic	PASS
5	9848.00	37.07	42.87	5.80	74.00	31.13	PK	Vertic	PASS
6	9848.00	30.98	36.78	5.80	54.00	17.22	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2412MHz by 802.11g	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

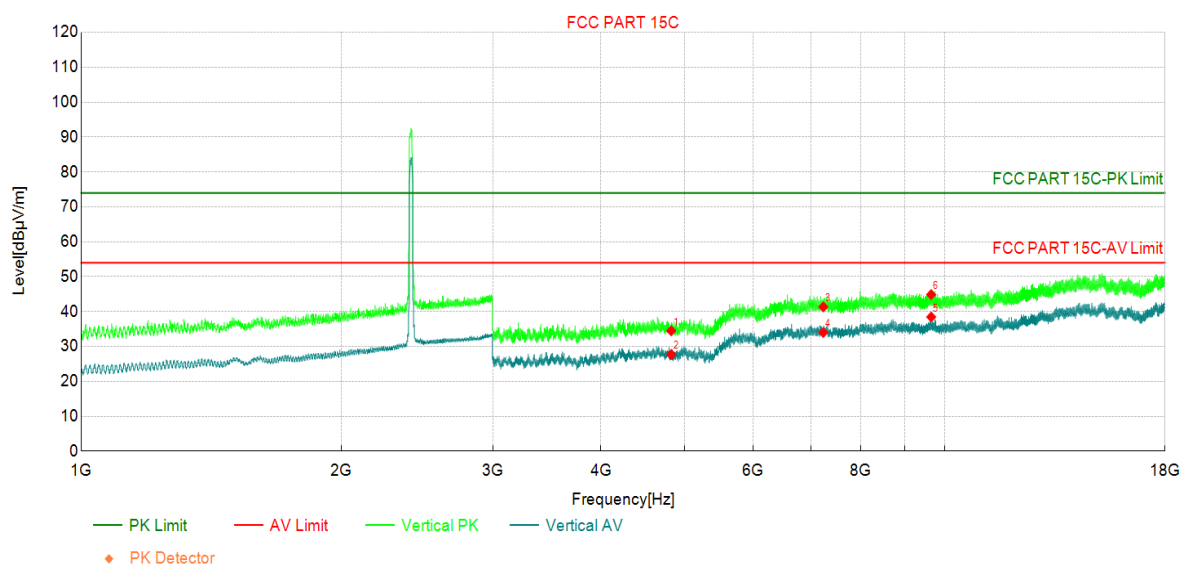
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	40.63	34.59	-6.04	74.00	39.41	PK	Horizo	PASS
2	4824.00	33.77	27.73	-6.04	54.00	26.27	AV	Horizo	PASS
3	7236.00	39.00	41.97	2.97	74.00	32.03	PK	Horizo	PASS
4	7236.00	31.62	34.59	2.97	54.00	19.41	AV	Horizo	PASS
5	9648.00	37.95	44.03	6.08	74.00	29.97	PK	Horizo	PASS
6	9648.00	30.87	36.95	6.08	54.00	17.05	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2412MHz by 802.11g	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

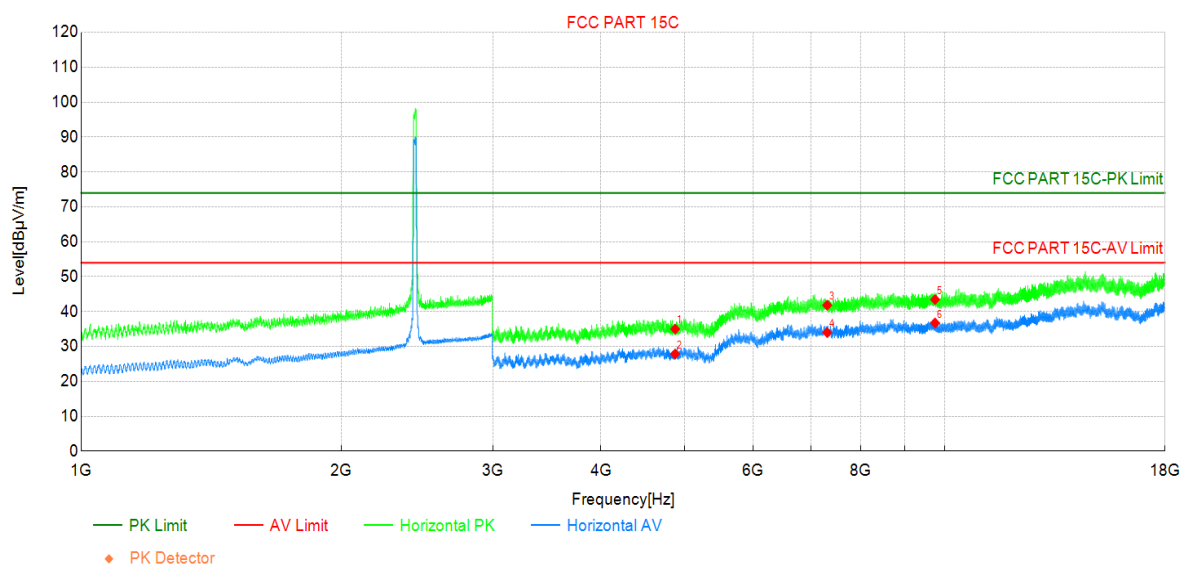
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	40.52	34.48	-6.04	74.00	39.52	PK	Vertic	PASS
2	4824.00	33.74	27.70	-6.04	54.00	26.30	AV	Vertic	PASS
3	7236.00	38.38	41.35	2.97	74.00	32.65	PK	Vertic	PASS
4	7236.00	31.03	34.00	2.97	54.00	20.00	AV	Vertic	PASS
5	9648.00	32.37	38.45	6.08	54.00	15.55	AV	Vertic	PASS
6	9648.00	38.79	44.87	6.08	74.00	29.13	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2437MHz by 802.11g	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

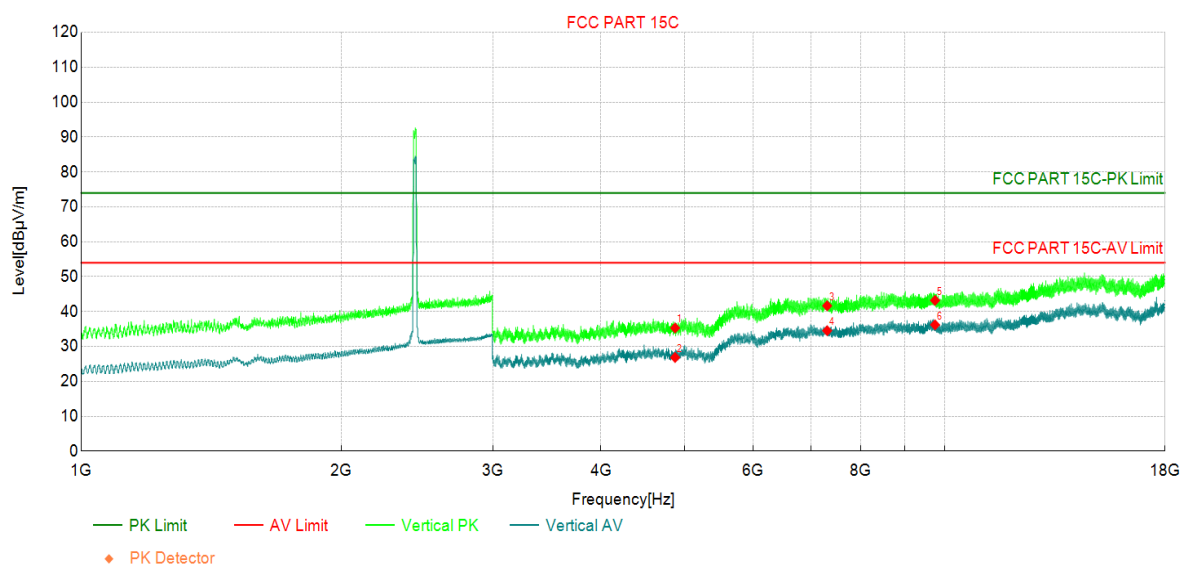
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.07	34.99	-6.08	74.00	39.01	PK	Horizo	PASS
2	4874.00	33.92	27.84	-6.08	54.00	26.16	AV	Horizo	PASS
3	7311.00	38.96	41.83	2.87	74.00	32.17	PK	Horizo	PASS
4	7311.00	31.12	33.99	2.87	54.00	20.01	AV	Horizo	PASS
5	9748.00	37.29	43.45	6.16	74.00	30.55	PK	Horizo	PASS
6	9748.00	30.57	36.73	6.16	54.00	17.27	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2437MHz by 802.11g	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

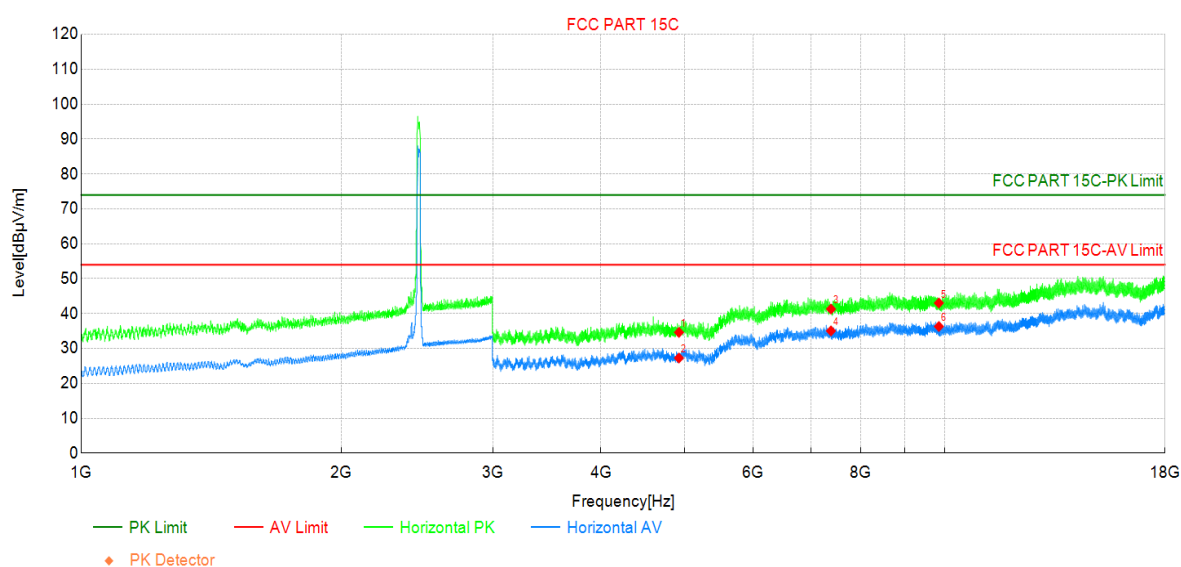
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.37	35.29	-6.08	74.00	38.71	PK	Vertic	PASS
2	4874.00	32.92	26.84	-6.08	54.00	27.16	AV	Vertic	PASS
3	7311.00	38.79	41.66	2.87	74.00	32.34	PK	Vertic	PASS
4	7311.00	31.65	34.52	2.87	54.00	19.48	AV	Vertic	PASS
5	9748.00	37.03	43.19	6.16	74.00	30.81	PK	Vertic	PASS
6	9748.00	30.04	36.20	6.16	54.00	17.80	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2462MHz by 802.11g	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

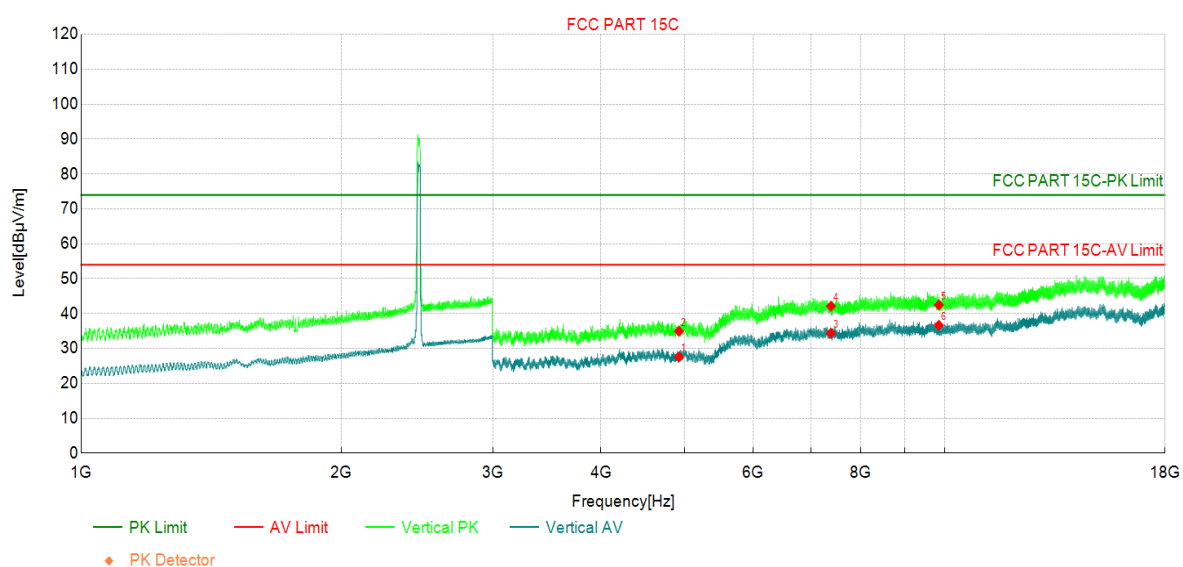
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	40.36	34.60	-5.76	74.00	39.40	PK	Horizo	PASS
2	4924.00	33.02	27.26	-5.76	54.00	26.74	AV	Horizo	PASS
3	7386.00	38.99	41.29	2.30	74.00	32.71	PK	Horizo	PASS
4	7386.00	32.73	35.03	2.30	54.00	18.97	AV	Horizo	PASS
5	9848.00	37.22	43.02	5.80	74.00	30.98	PK	Horizo	PASS
6	9848.00	30.50	36.30	5.80	54.00	17.70	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2462MHz by 802.11g	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

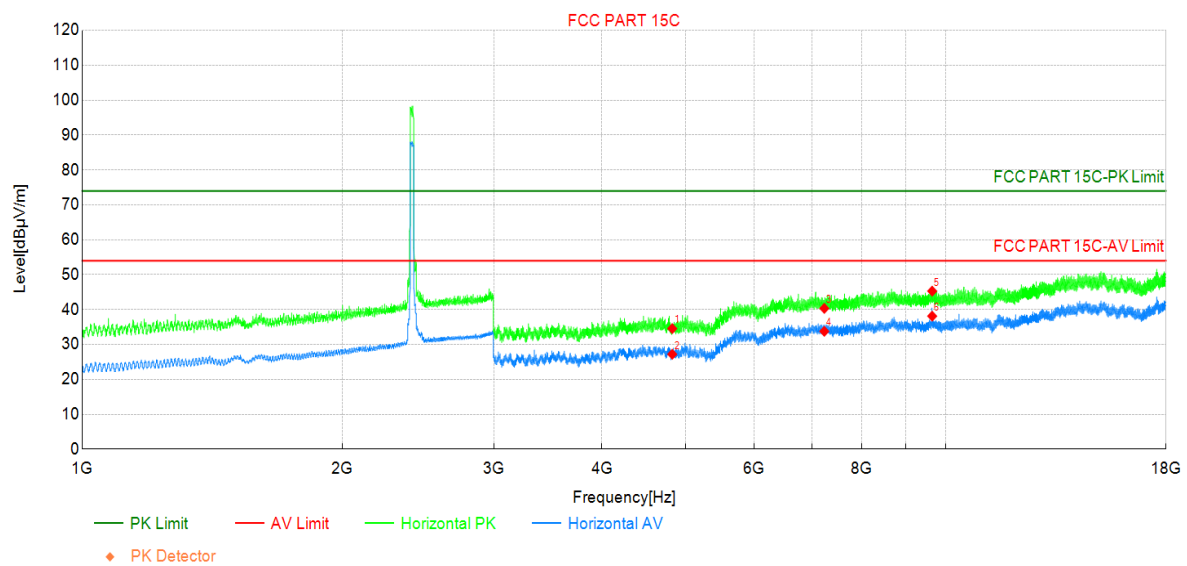
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	33.36	27.60	-5.76	54.00	26.40	AV	Vertic	PASS
2	4924.00	40.68	34.92	-5.76	74.00	39.08	PK	Vertic	PASS
3	7386.00	32.07	34.37	2.30	54.00	19.63	AV	Vertic	PASS
4	7386.00	39.83	42.13	2.30	74.00	31.87	PK	Vertic	PASS
5	9848.00	36.66	42.46	5.80	74.00	31.54	PK	Vertic	PASS
6	9848.00	30.85	36.65	5.80	54.00	17.35	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2412MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

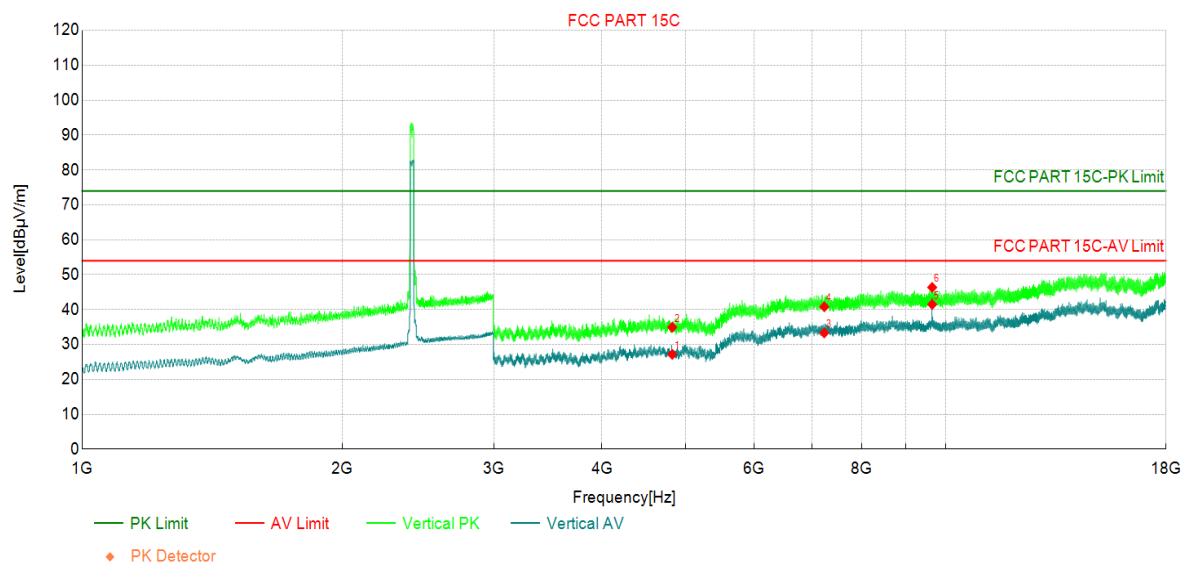
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	40.59	34.55	-6.04	74.00	39.45	PK	Horizo	PASS
2	4824.00	33.23	27.19	-6.04	54.00	26.81	AV	Horizo	PASS
3	7236.00	37.36	40.33	2.97	74.00	33.67	PK	Horizo	PASS
4	7236.00	30.80	33.77	2.97	54.00	20.23	AV	Horizo	PASS
5	9648.00	39.20	45.28	6.08	74.00	28.72	PK	Horizo	PASS
6	9648.00	32.04	38.12	6.08	54.00	15.88	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2412MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

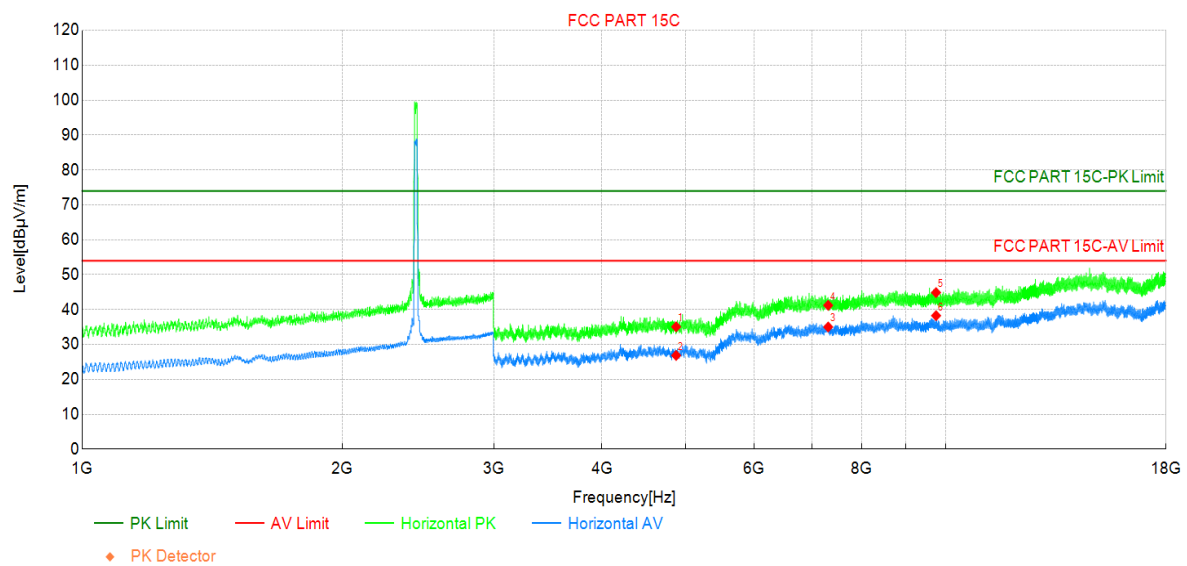
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	33.20	27.16	-6.04	54.00	26.84	AV	Vertic	PASS
2	4824.00	40.98	34.94	-6.04	74.00	39.06	PK	Vertic	PASS
3	7236.00	30.34	33.31	2.97	54.00	20.69	AV	Vertic	PASS
4	7236.00	37.84	40.81	2.97	74.00	33.19	PK	Vertic	PASS
5	9648.00	35.40	41.48	6.08	54.00	12.52	AV	Vertic	PASS
6	9648.00	40.27	46.35	6.08	74.00	27.65	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2437MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

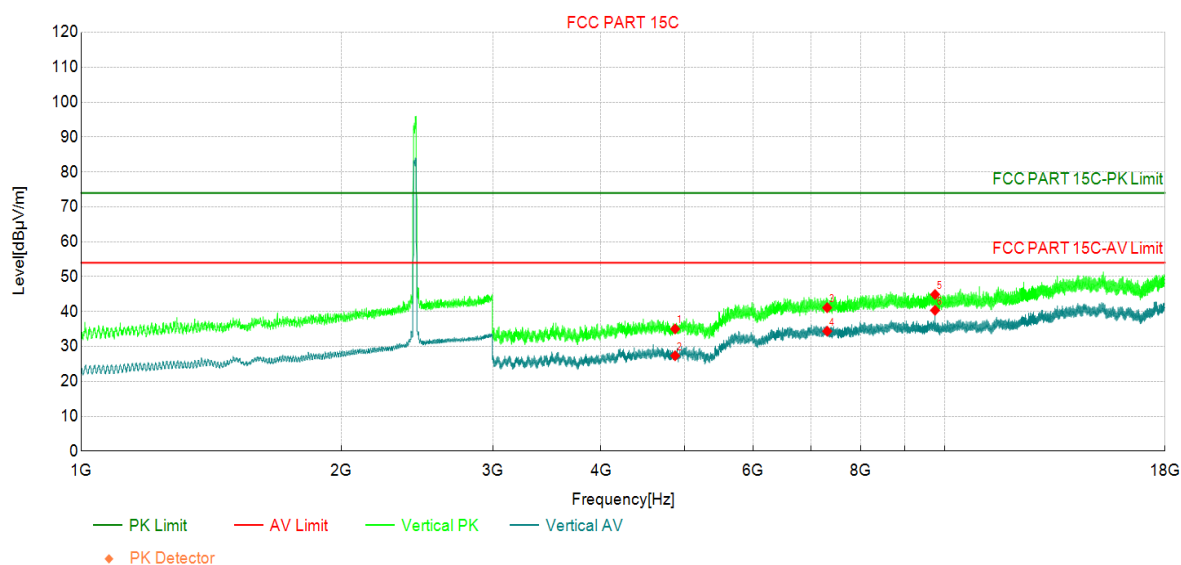
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.14	35.06	-6.08	74.00	38.94	PK	Horizo	PASS
2	4874.00	32.94	26.86	-6.08	54.00	27.14	AV	Horizo	PASS
3	7311.00	32.14	35.01	2.87	54.00	18.99	AV	Horizo	PASS
4	7311.00	38.34	41.21	2.87	74.00	32.79	PK	Horizo	PASS
5	9748.00	38.70	44.86	6.16	74.00	29.14	PK	Horizo	PASS
6	9748.00	32.09	38.25	6.16	54.00	15.75	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2437MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

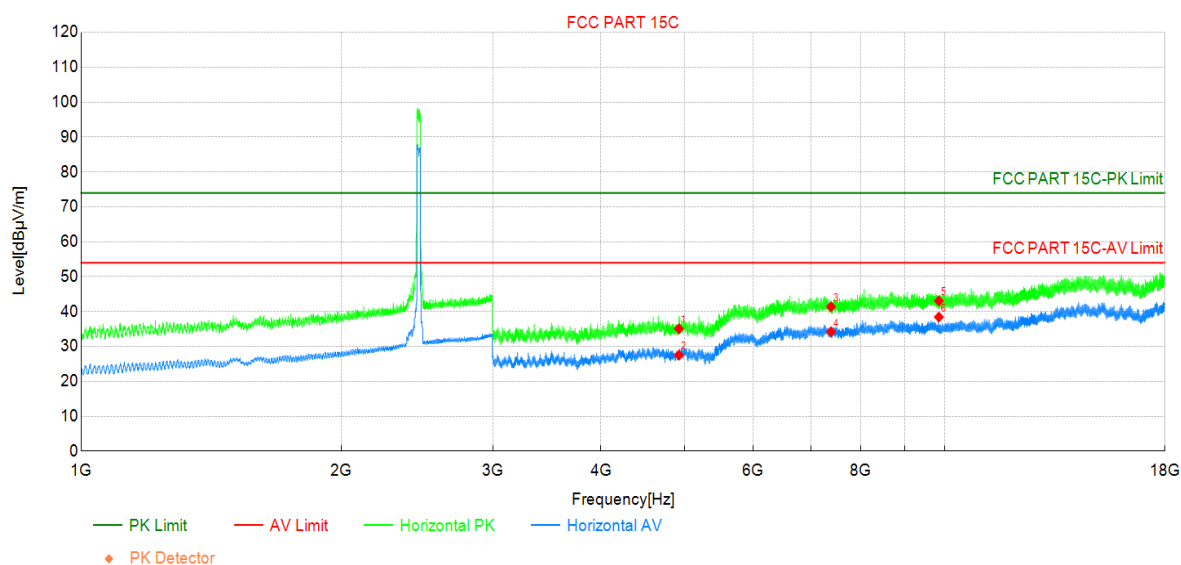
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.10	35.02	-6.08	74.00	38.98	PK	Vertic	PASS
2	4874.00	33.42	27.34	-6.08	54.00	26.66	AV	Vertic	PASS
3	7311.00	38.24	41.11	2.87	74.00	32.89	PK	Vertic	PASS
4	7311.00	31.50	34.37	2.87	54.00	19.63	AV	Vertic	PASS
5	9748.00	38.73	44.89	6.16	74.00	29.11	PK	Vertic	PASS
6	9748.00	34.21	40.37	6.16	54.00	13.63	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2462MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

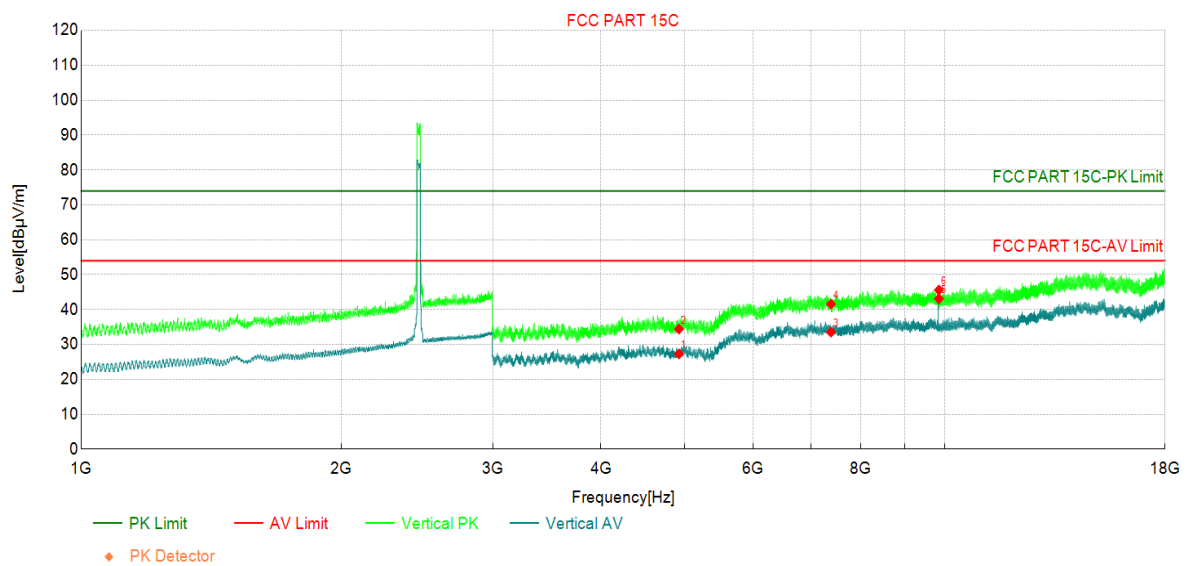
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	40.82	35.06	-5.76	74.00	38.94	PK	Horizo	PASS
2	4924.00	33.28	27.52	-5.76	54.00	26.48	AV	Horizo	PASS
3	7386.00	39.08	41.38	2.30	74.00	32.62	PK	Horizo	PASS
4	7386.00	31.92	34.22	2.30	54.00	19.78	AV	Horizo	PASS
5	9848.00	37.26	43.06	5.80	74.00	30.94	PK	Horizo	PASS
6	9848.00	32.63	38.43	5.80	54.00	15.57	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2462MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

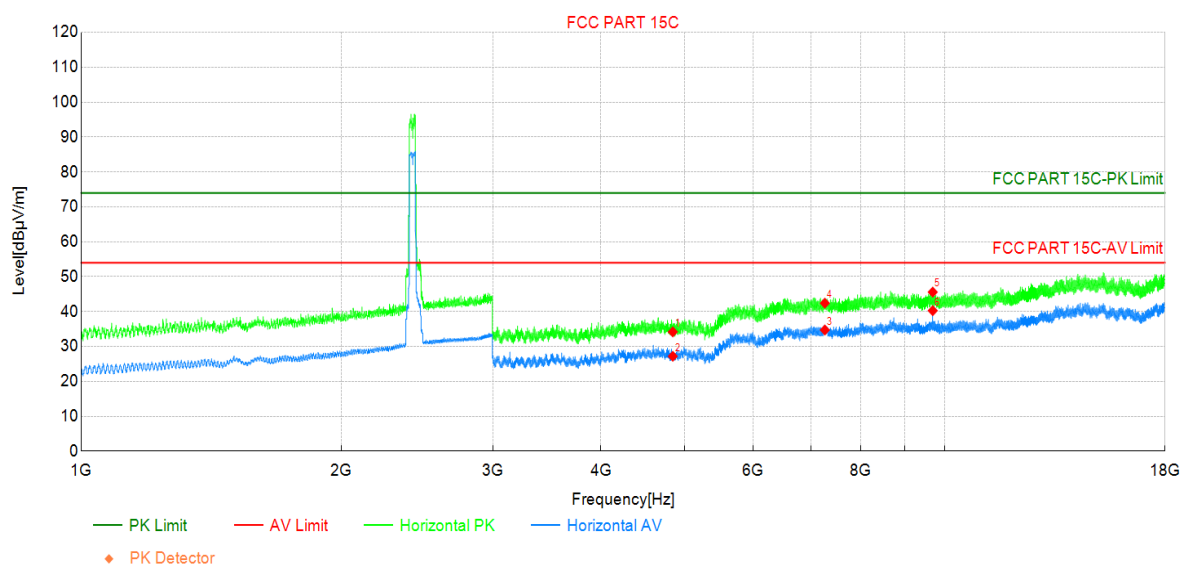
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	33.07	27.31	-5.76	54.00	26.69	AV	Vertic	PASS
2	4924.00	40.17	34.41	-5.76	74.00	39.59	PK	Vertic	PASS
3	7386.00	31.25	33.55	2.30	54.00	20.45	AV	Vertic	PASS
4	7386.00	39.28	41.58	2.30	74.00	32.42	PK	Vertic	PASS
5	9848.00	37.29	43.09	5.80	54.00	10.91	AV	Vertic	PASS
6	9848.00	39.80	45.60	5.80	74.00	28.40	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2422MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

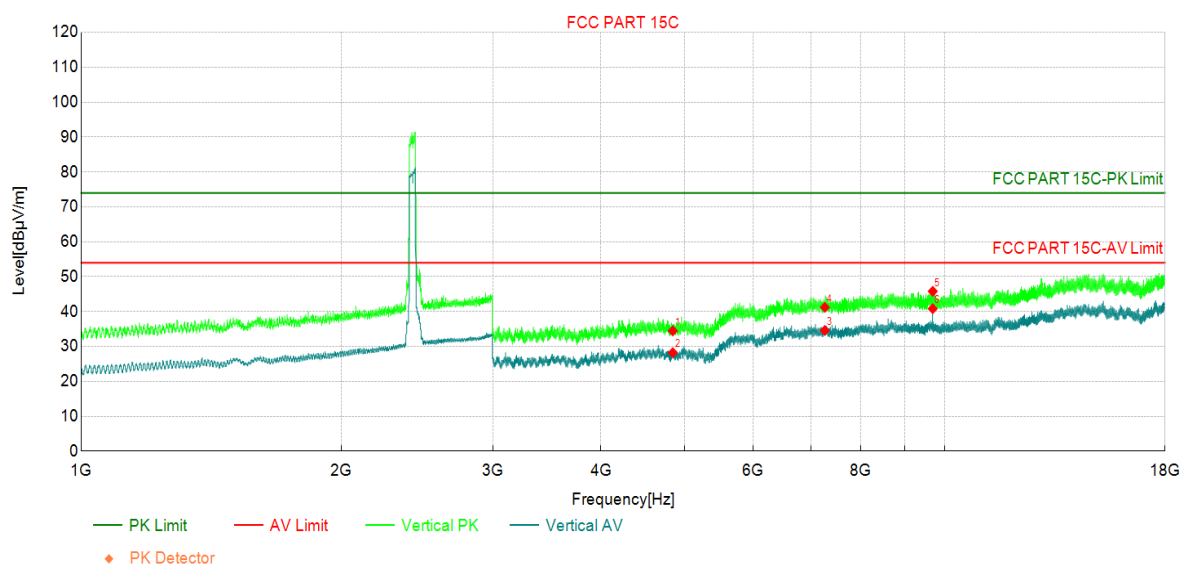
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	40.24	34.18	-6.06	74.00	39.82	PK	Horizo	PASS
2	4844.00	33.25	27.19	-6.06	54.00	26.81	AV	Horizo	PASS
3	7266.00	31.76	34.72	2.96	54.00	19.28	AV	Horizo	PASS
4	7266.00	39.44	42.40	2.96	74.00	31.60	PK	Horizo	PASS
5	9688.00	39.35	45.57	6.22	74.00	28.43	PK	Horizo	PASS
6	9688.00	34.04	40.26	6.22	54.00	13.74	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2422MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

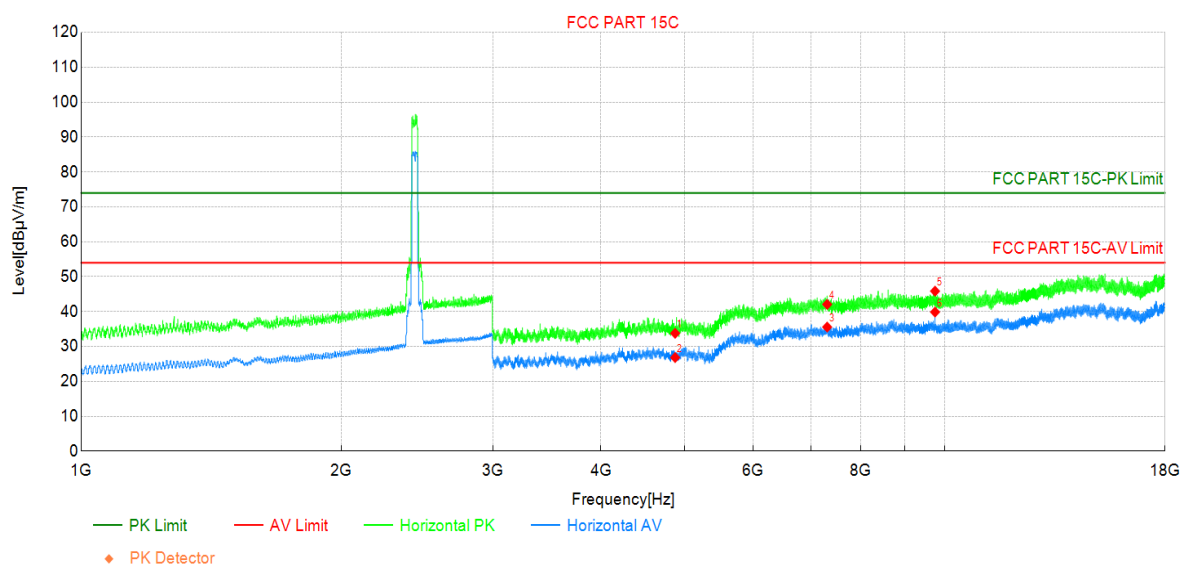
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	40.53	34.47	-6.06	74.00	39.53	PK	Vertic	PASS
2	4844.00	34.29	28.23	-6.06	54.00	25.77	AV	Vertic	PASS
3	7266.00	31.63	34.59	2.96	54.00	19.41	AV	Vertic	PASS
4	7266.00	38.25	41.21	2.96	74.00	32.79	PK	Vertic	PASS
5	9688.00	39.58	45.80	6.22	74.00	28.20	PK	Vertic	PASS
6	9688.00	34.61	40.83	6.22	54.00	13.17	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2437MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

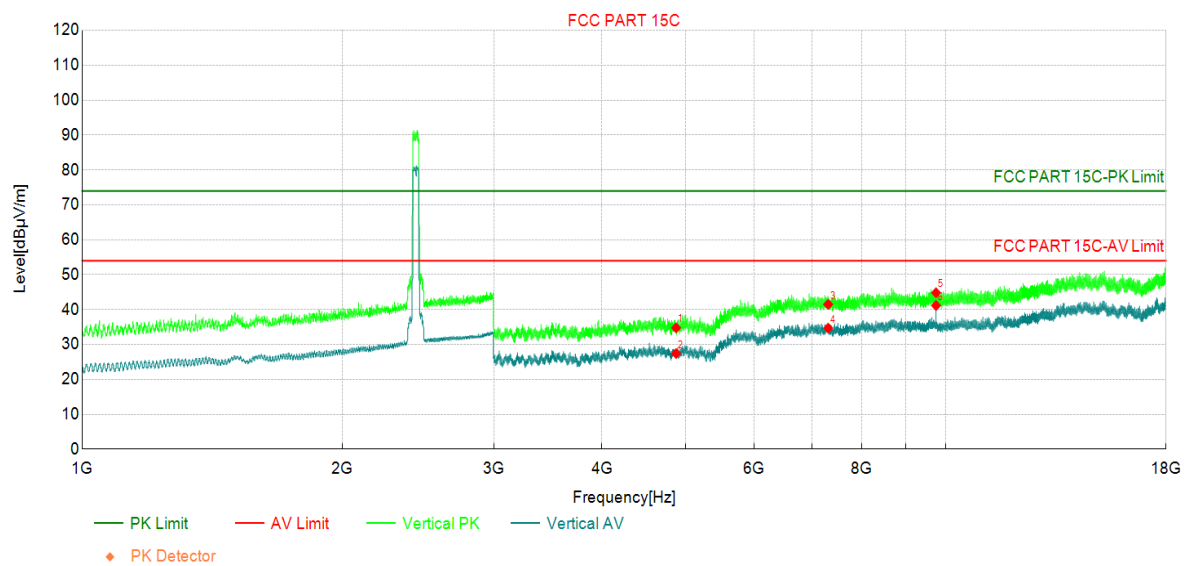
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	39.86	33.78	-6.08	74.00	40.22	PK	Horizo	PASS
2	4874.00	32.90	26.82	-6.08	54.00	27.18	AV	Horizo	PASS
3	7311.00	32.69	35.56	2.87	54.00	18.44	AV	Horizo	PASS
4	7311.00	39.19	42.06	2.87	74.00	31.94	PK	Horizo	PASS
5	9748.00	39.69	45.85	6.16	74.00	28.15	PK	Horizo	PASS
6	9748.00	33.70	39.86	6.16	54.00	14.14	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2437MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

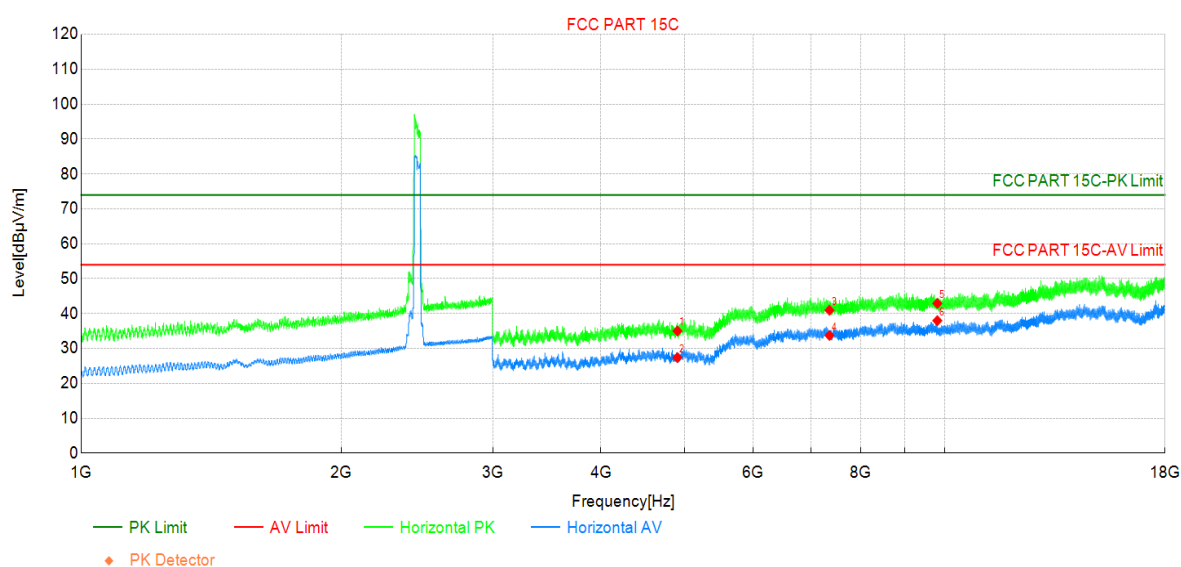
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	40.85	34.77	-6.08	74.00	39.23	PK	Vertic	PASS
2	4874.00	33.48	27.40	-6.08	54.00	26.60	AV	Vertic	PASS
3	7311.00	38.62	41.49	2.87	74.00	32.51	PK	Vertic	PASS
4	7311.00	31.81	34.68	2.87	54.00	19.32	AV	Vertic	PASS
5	9748.00	38.65	44.81	6.16	74.00	29.19	PK	Vertic	PASS
6	9748.00	35.00	41.16	6.16	54.00	12.84	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2452MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

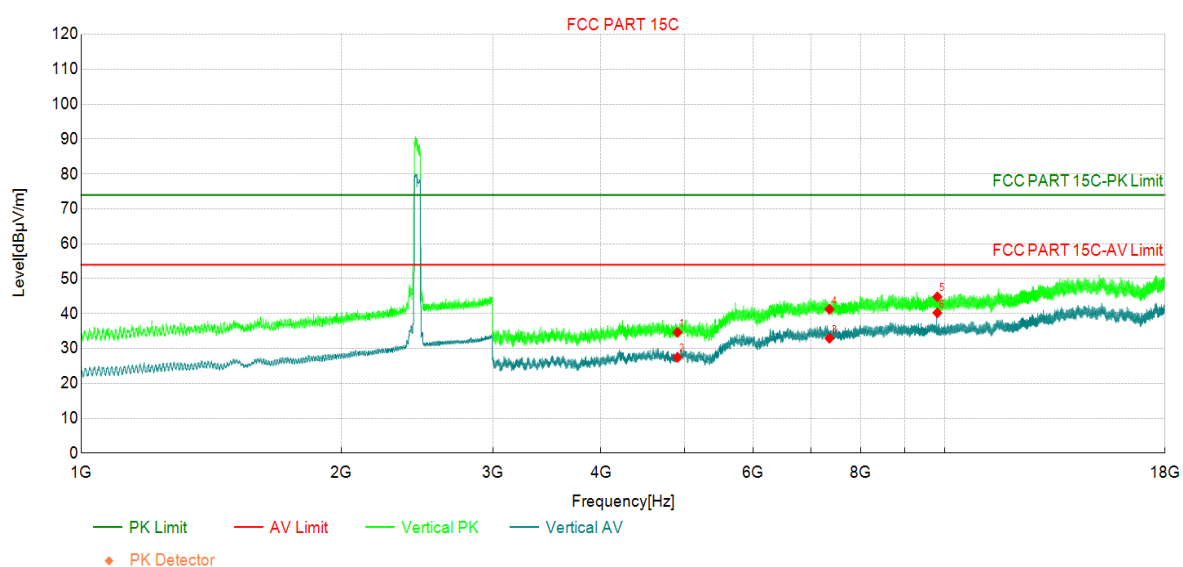
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	41.04	35.01	-6.03	74.00	38.99	PK	Horizo	PASS
2	4904.00	33.42	27.39	-6.03	54.00	26.61	AV	Horizo	PASS
3	7356.00	38.42	40.95	2.53	74.00	33.05	PK	Horizo	PASS
4	7356.00	31.19	33.72	2.53	54.00	20.28	AV	Horizo	PASS
5	9808.00	36.91	42.91	6.00	74.00	31.09	PK	Horizo	PASS
6	9808.00	31.97	37.97	6.00	54.00	16.03	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 2452MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph

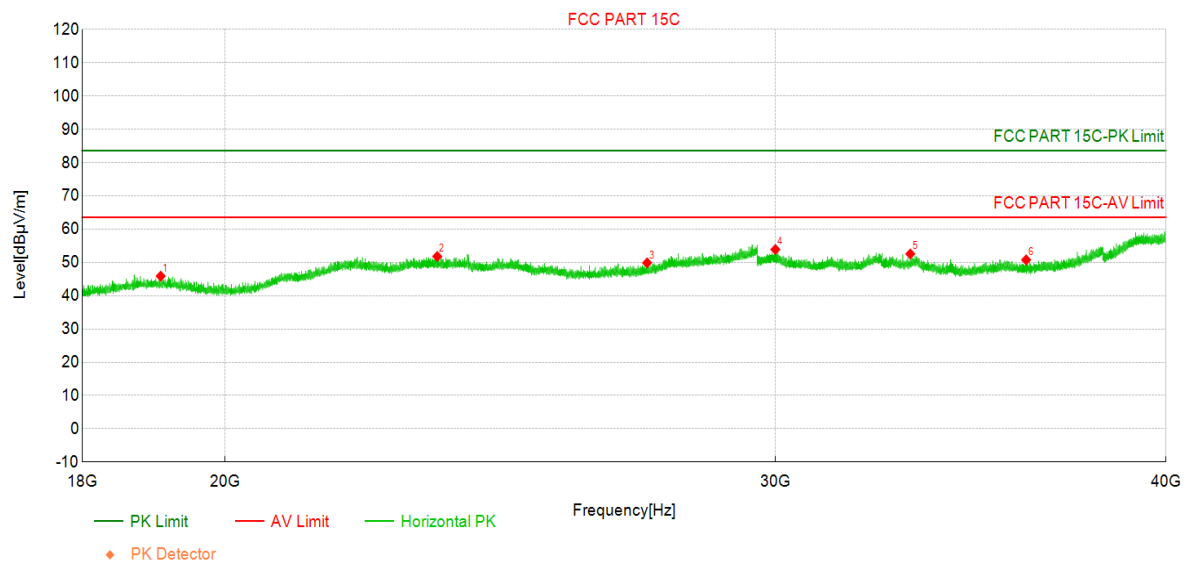


Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	40.63	34.60	-6.03	74.00	39.40	PK	Vertic	PASS
2	4904.00	33.48	27.45	-6.03	54.00	26.55	AV	Vertic	PASS
3	7356.00	30.37	32.90	2.53	54.00	21.10	AV	Vertic	PASS
4	7356.00	38.72	41.25	2.53	74.00	32.75	PK	Vertic	PASS
5	9808.00	38.80	44.80	6.00	74.00	29.20	PK	Vertic	PASS
6	9808.00	34.21	40.21	6.00	54.00	13.79	AV	Vertic	PASS

Transmit at 2412MHz by 802.11b

Test Graph

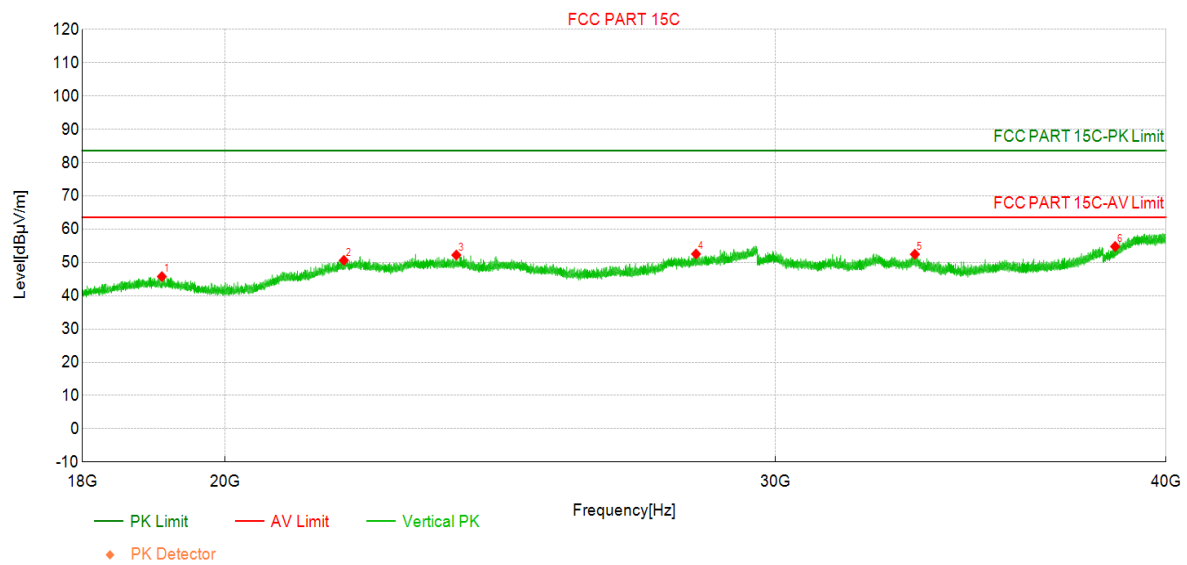


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	19072.00	34.5	45.88	11.420	83.60	37.72	PK	Horizo	PASS
2	23382.00	36.5	51.81	15.360	83.60	31.79	PK	Horizo	PASS
3	27292.00	32.5	49.89	17.410	83.60	33.71	PK	Horizo	PASS
4	29996.00	35.2	53.90	18.660	83.60	29.70	PK	Horizo	PASS
5	33131.00	34.5	52.57	18.110	83.60	31.03	PK	Horizo	PASS
6	36082.00	32.6	50.79	18.150	83.60	32.81	PK	Horizo	PASS

Transmit at 2412MHz by 802.11b

Test Graph



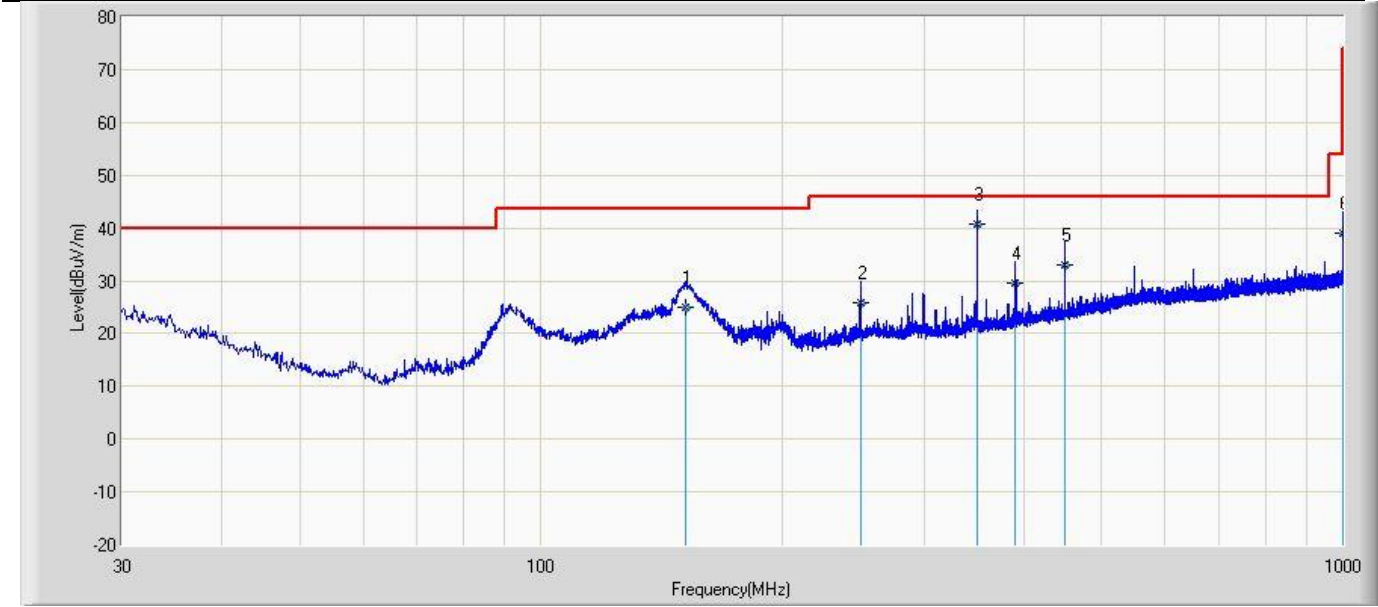
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	19089.00	34.3	45.74	11.410	83.60	37.86	PK	Vertic	PASS
2	21828.00	37.2	50.63	13.410	83.60	32.97	PK	Vertic	PASS
3	23713.00	36.6	52.22	15.600	83.60	31.38	PK	Vertic	PASS
4	28293.00	34.2	52.55	18.400	83.60	31.05	PK	Vertic	PASS
5	33244.00	34.3	52.45	18.160	83.60	31.15	PK	Vertic	PASS
6	38528.00	32.4	54.79	22.370	83.60	28.81	PK	Vertic	PASS

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Yu Liu	
Site: AC3	Time: 2025/04/01
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CBL6112B_2931(30-1000MHz)	Polarity: Horizontal
EUT: 5G WiFi 7 Mobile Router	Power: 120 Vac / 60Hz
Note: Transmit	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		151.237	25.011	7.200	-18.489	43.500	10.345	7.466	0.000	371	345	QP
2		250.036	25.733	5.600	-20.267	46.000	12.484	7.650	0.000	174	253	QP
3	*	350.034	40.646	18.400	-5.354	46.000	14.356	7.890	0.000	162	139	QP
4		390.634	29.549	6.100	-16.451	46.000	15.469	7.980	0.000	276	132	QP
5		450.026	33.120	8.400	-12.880	46.000	16.620	8.100	0.000	175	48	QP
6		999.858	38.979	8.400	-15.021	54.000	21.359	9.220	0.000	297	97	QP

Engineer: Yu Liu

Site: AC3

Time: 2025/04/01

Limit: FCC_Part15.109_RE(3m)_ClassB

Margin: 0

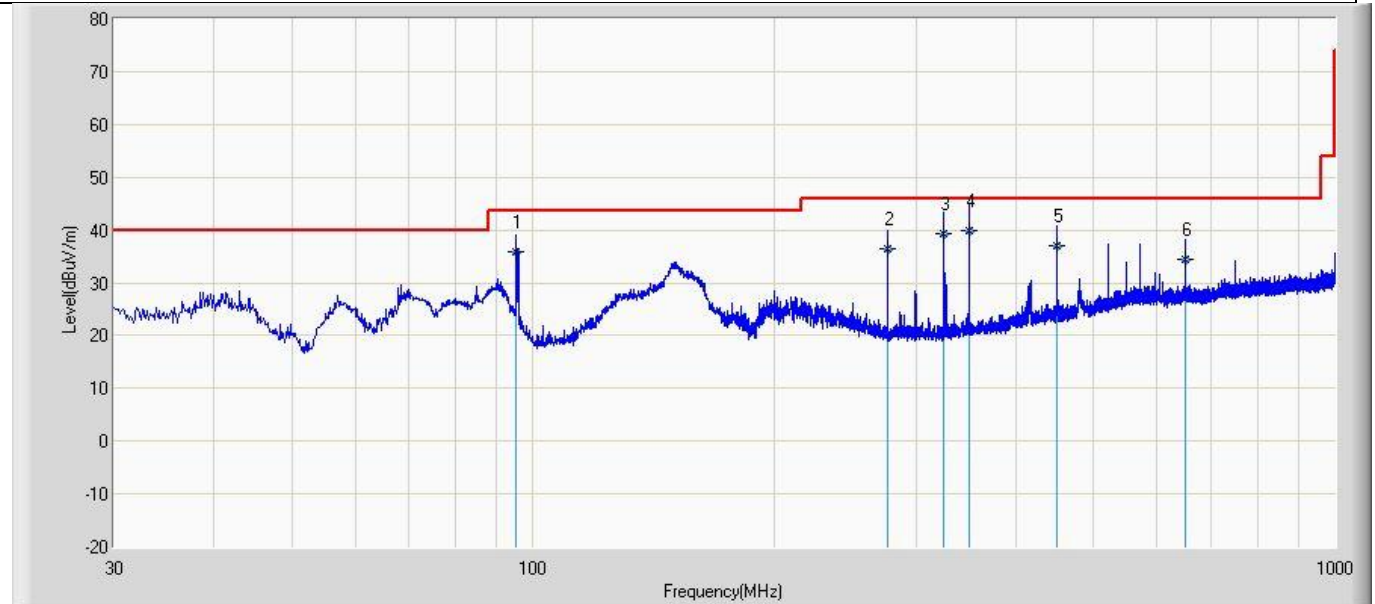
Probe: CBL6112B_2931(30-1000MHz)

Polarity: Vertical

EUT: 5G WiFi 7 Mobile Router

Power: 120 Vac / 60Hz

Note: Transmit



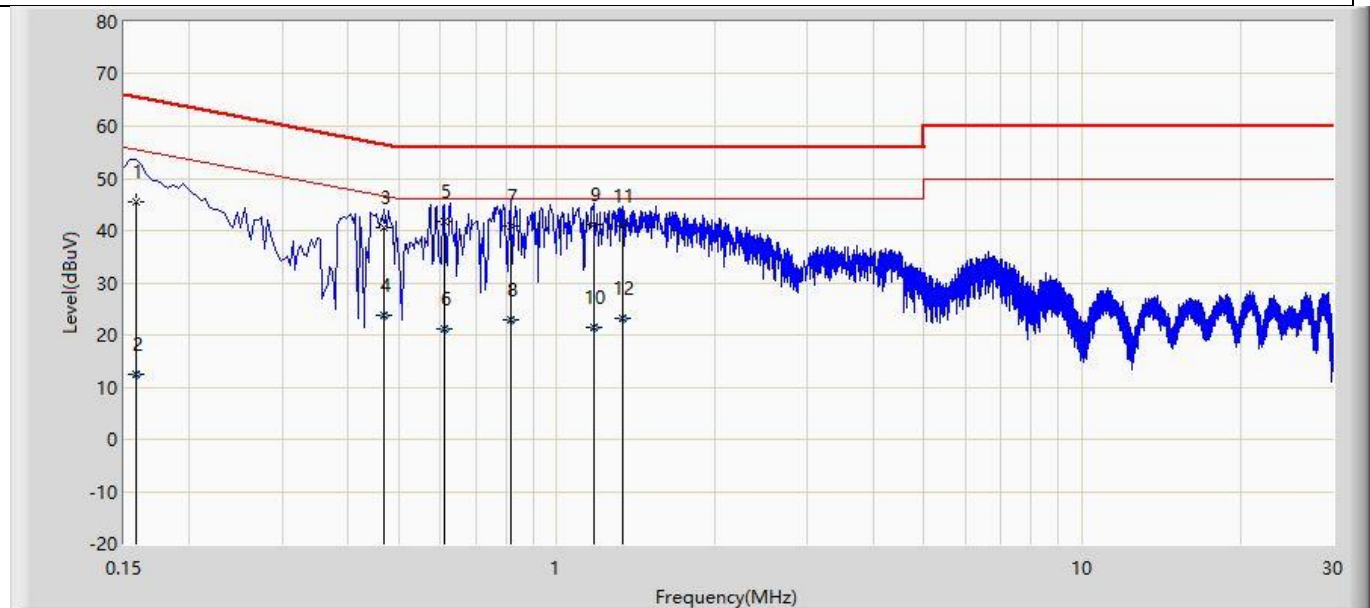
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		95.322	35.758	18.400	-7.742	43.500	9.995	7.363	0.000	308	113	QP
2		276.539	36.403	15.800	-9.597	46.000	12.883	7.719	0.000	124	119	QP
3		325.521	39.181	17.600	-6.819	46.000	13.745	7.836	0.000	339	212	QP
4	*	350.026	39.746	17.500	-6.254	46.000	14.356	7.890	0.000	211	53	QP
5		450.274	37.126	12.400	-8.874	46.000	16.626	8.101	0.000	205	126	QP
6		650.035	34.313	6.400	-11.687	46.000	19.378	8.535	0.000	164	135	QP

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)
3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
4. If the test result on peak is lower than average limit, then average measurement needn't be performed.
5. All test data above 18GHz are noise base, so no data shown in this report.
6. In the report, below 1G, only the verification test is carried out for the worst channel of 1~18G worst mode.
7. 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

Engineer: Yu Liu	
Site: TR1	Time: 2025/03/28
Limit: FCC_Part 15.107_CE_AC Power_Class B	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: 5G WiFi 7 Mobile Router	Power: 120 Vac / 60Hz
Note: Transmit	

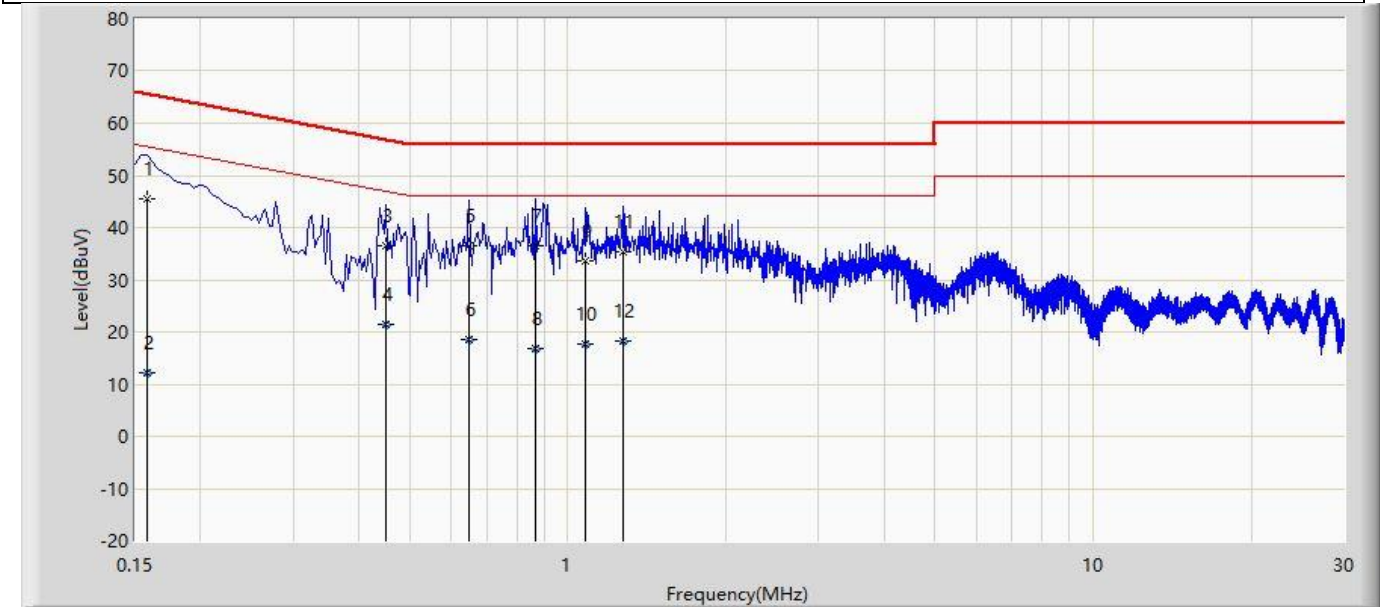


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.158	45.466	35.842	-20.103	65.568	9.564	0.060	0.000	QP
2		0.158	12.378	2.753	-43.191	55.568	9.564	0.060	0.000	AV
3		0.470	40.719	31.084	-15.795	56.514	9.560	0.075	0.000	QP
4		0.470	23.902	14.268	-22.612	46.514	9.560	0.075	0.000	AV
5	*	0.610	41.628	31.986	-14.372	56.000	9.560	0.081	0.000	QP
6		0.610	21.229	11.588	-24.771	46.000	9.560	0.081	0.000	AV
7		0.818	40.918	31.263	-15.082	56.000	9.564	0.091	0.000	QP
8		0.818	22.902	13.246	-23.098	46.000	9.564	0.091	0.000	AV
9		1.174	41.183	31.509	-14.817	56.000	9.570	0.104	0.000	QP
10		1.174	21.500	11.826	-24.500	46.000	9.570	0.104	0.000	AV
11		1.330	40.782	31.103	-15.218	56.000	9.570	0.109	0.000	QP
12		1.330	23.179	13.501	-22.821	46.000	9.570	0.109	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Yu Liu	
Site: TR1	Time: 2025/03/28
Limit: FCC_Part 15.107_CE_AC Power_Class B	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: 5G WiFi 7 Mobile Router	Power: 120 Vac / 60Hz
Note: Transmit	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.158	45.625	35.995	-19.943	65.568	9.570	0.060	0.000	QP
2		0.158	12.162	2.532	-43.406	55.568	9.570	0.060	0.000	AV
3		0.450	36.439	26.795	-20.436	56.875	9.570	0.074	0.000	QP
4		0.450	21.397	11.753	-25.478	46.875	9.570	0.074	0.000	AV
5		0.650	36.651	26.997	-19.349	56.000	9.570	0.084	0.000	QP
6		0.650	18.493	8.840	-27.507	46.000	9.570	0.084	0.000	AV
7	*	0.870	36.654	26.990	-19.346	56.000	9.570	0.094	0.000	QP
8		0.870	16.753	7.089	-29.247	46.000	9.570	0.094	0.000	AV
9		1.082	33.759	24.087	-22.241	56.000	9.570	0.102	0.000	QP
10		1.082	17.654	7.982	-28.346	46.000	9.570	0.102	0.000	AV
11		1.270	35.263	25.586	-20.737	56.000	9.570	0.107	0.000	QP
12		1.270	18.336	8.659	-27.664	46.000	9.570	0.107	0.000	AV

Note:

1. " * ", means this data is the worst emission level.

2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

The End