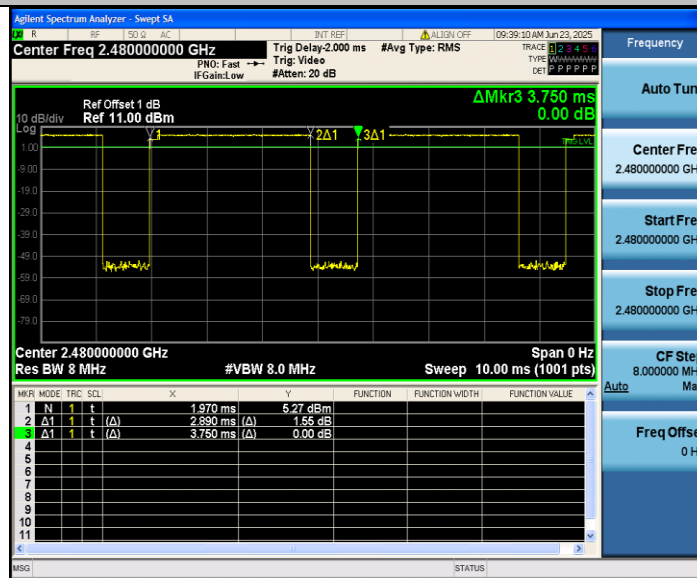
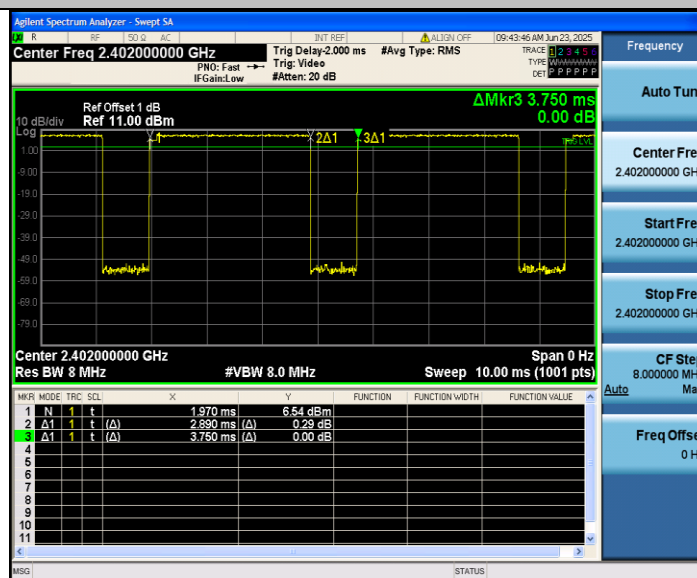


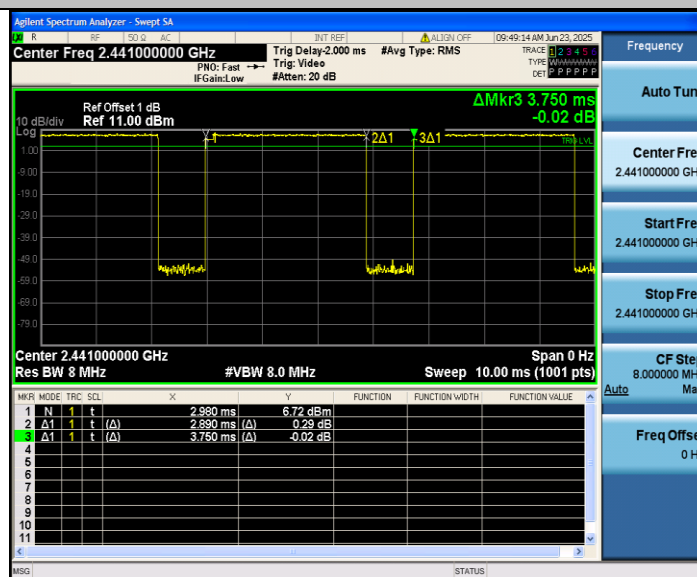
2DH5_Ant1_2480



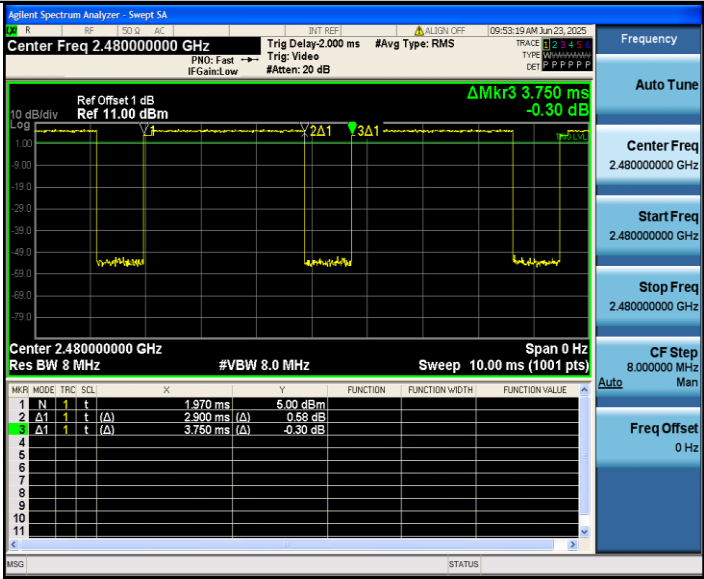
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



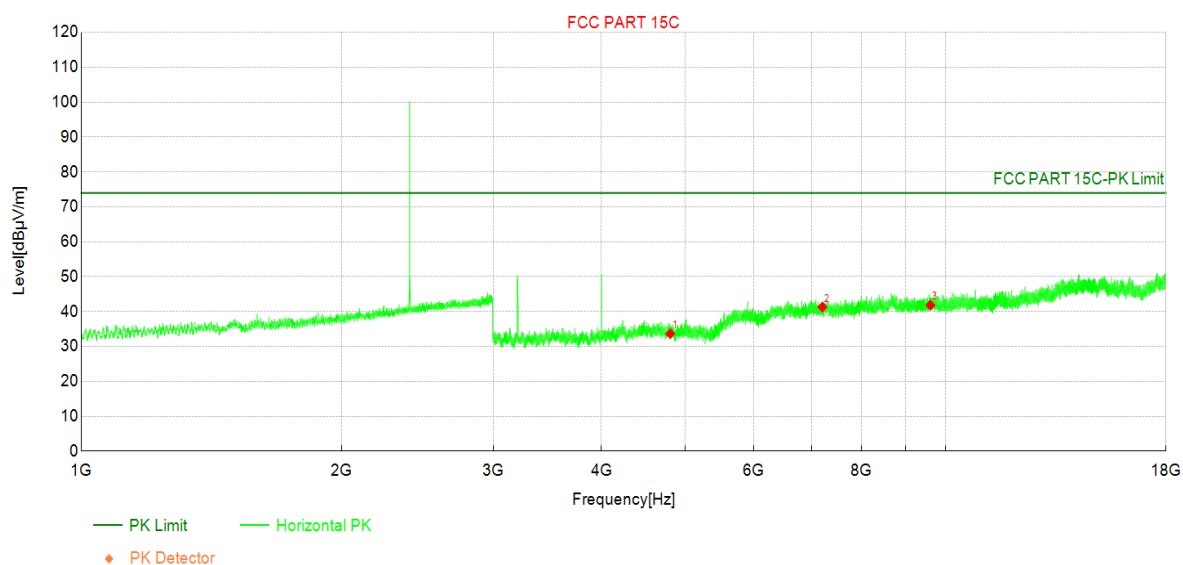
Appendix J: Emissions in Restricted Bands

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2402MHz by DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

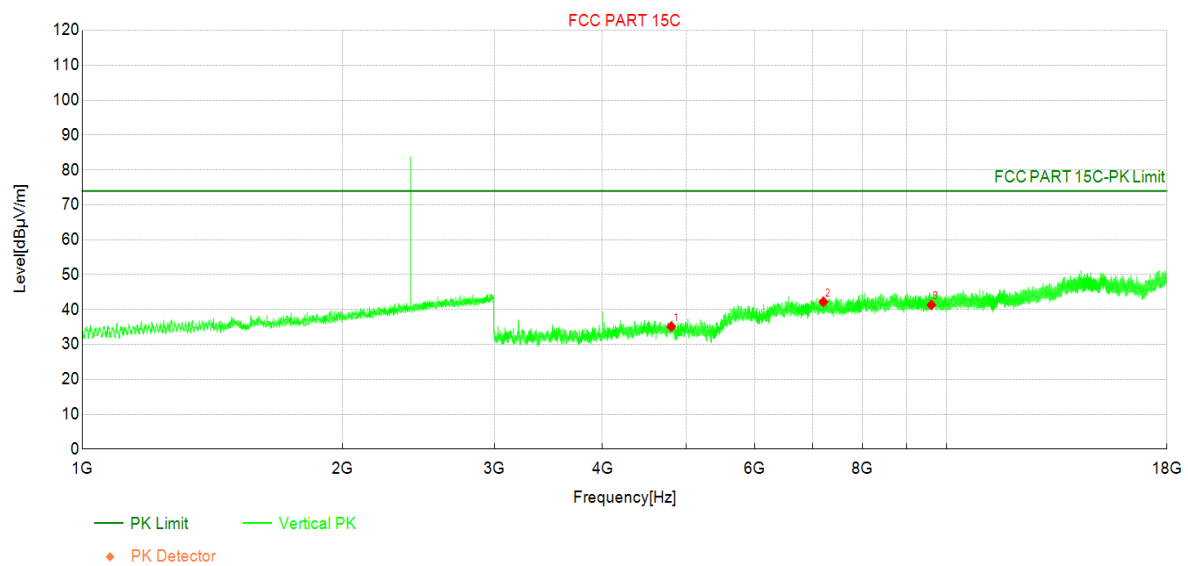
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	39.68	33.65	-6.03	74.00	40.35	PK	Horizo	PASS
2	7206.00	38.30	41.27	2.97	74.00	32.73	PK	Horizo	PASS
3	9608.00	35.90	41.84	5.94	74.00	32.16	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2402MHz by DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

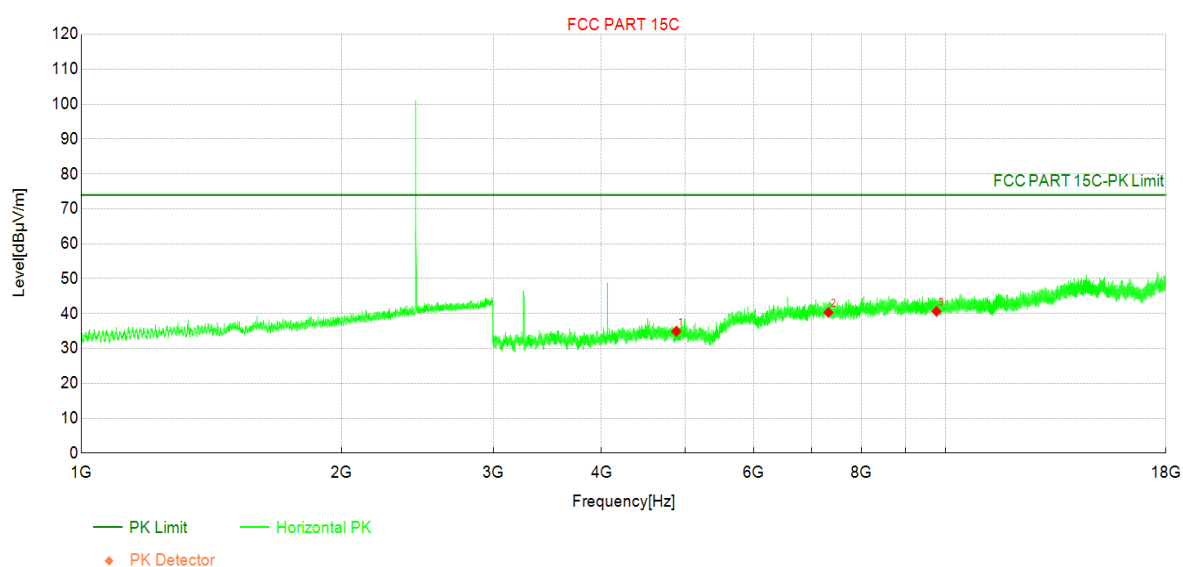
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	41.14	35.11	-6.03	74.00	38.89	PK	Vertic	PASS
2	7206.00	39.25	42.22	2.97	74.00	31.78	PK	Vertic	PASS
3	9608.00	35.36	41.30	5.94	74.00	32.70	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2441MHz by DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

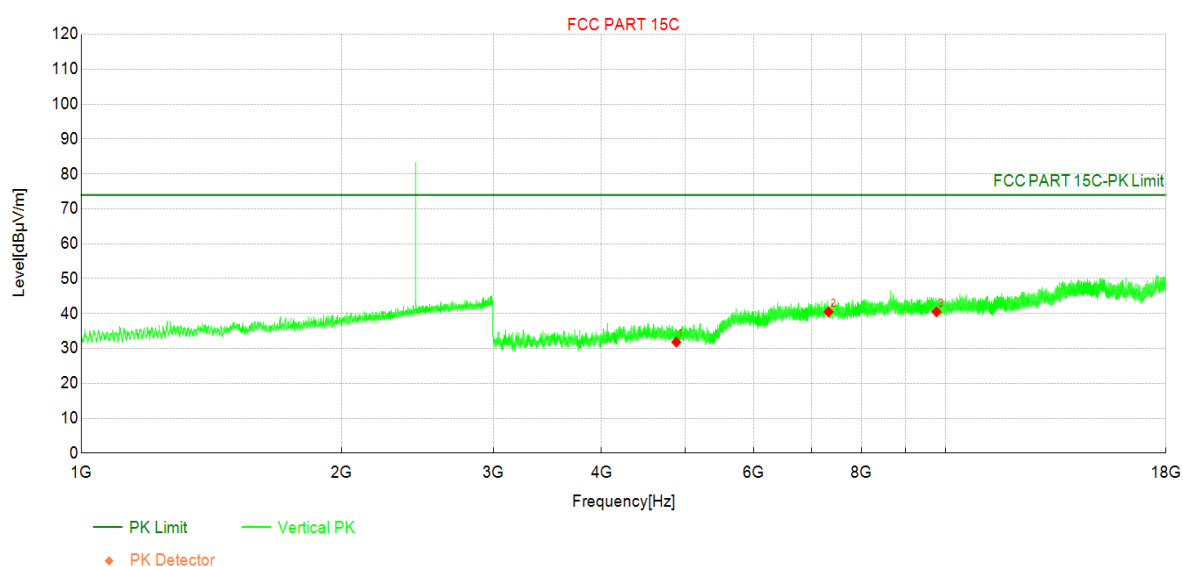
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	41.00	34.92	-6.08	74.00	39.08	PK	Horizo	PASS
2	7323.00	37.54	40.32	2.78	74.00	33.68	PK	Horizo	PASS
3	9764.00	34.50	40.62	6.12	74.00	33.38	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2441MHz by DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

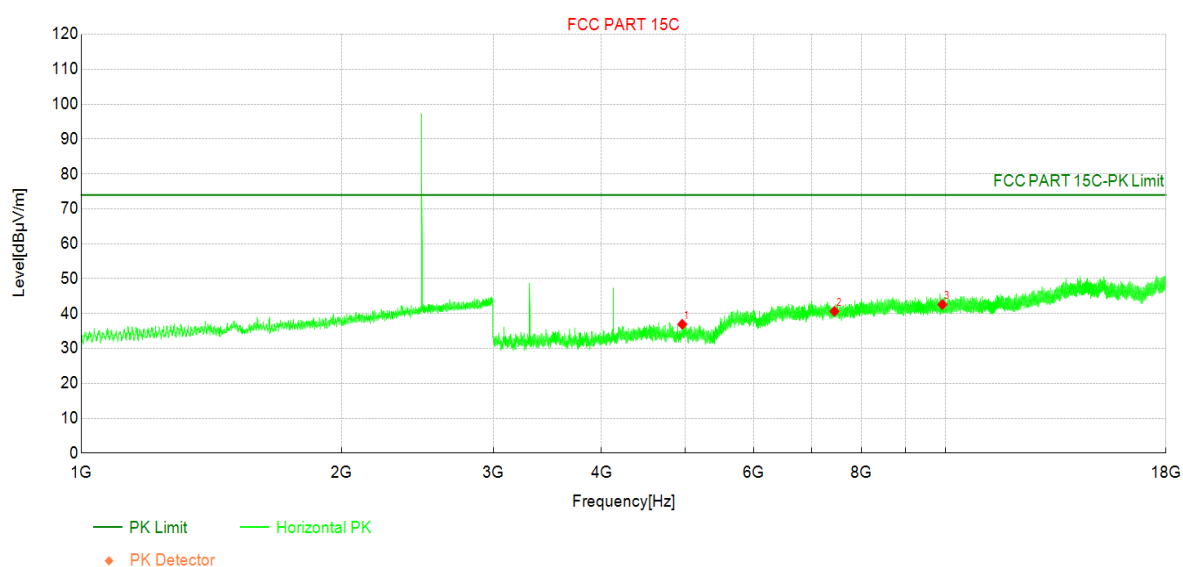
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	37.89	31.81	-6.08	74.00	42.19	PK	Vertic	PASS
2	7323.00	37.72	40.50	2.78	74.00	33.50	PK	Vertic	PASS
3	9764.00	34.37	40.49	6.12	74.00	33.51	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2480MHz by DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

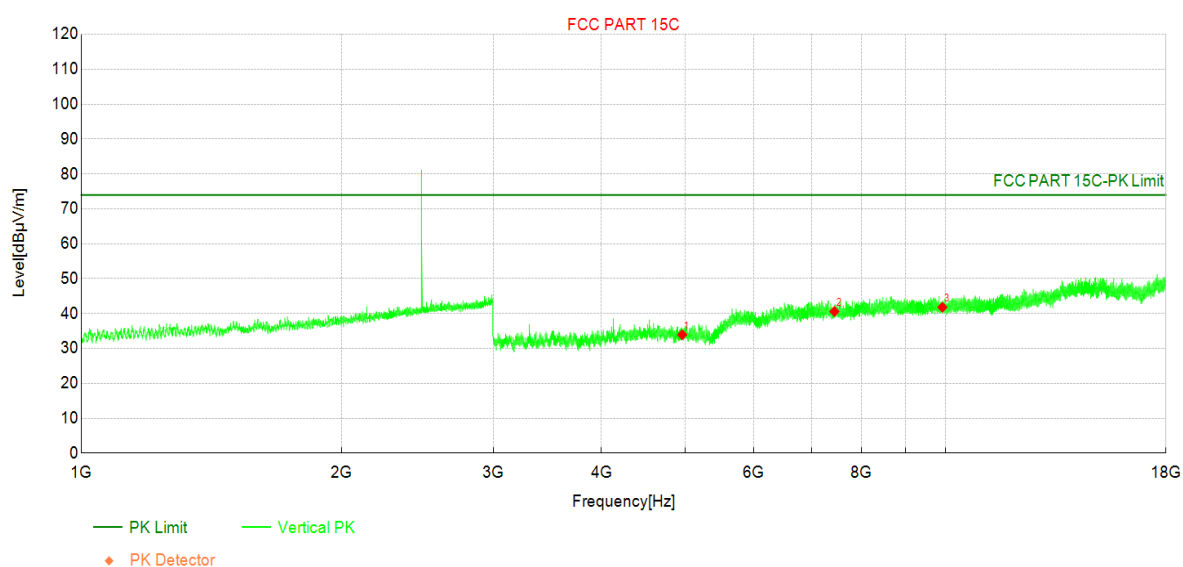
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	42.19	36.92	-5.27	74.00	37.08	PK	Horizo	PASS
2	7440.00	38.06	40.62	2.56	74.00	33.38	PK	Horizo	PASS
3	9920.00	36.97	42.59	5.62	74.00	31.41	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2480MHz by DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

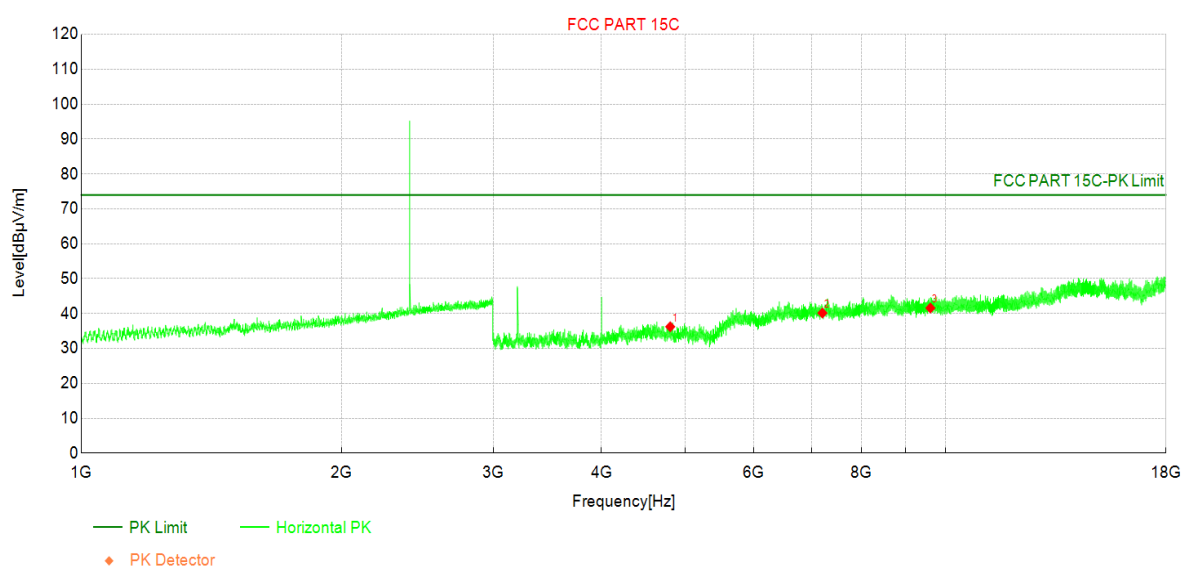
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	39.20	33.93	-5.27	74.00	40.07	PK	Vertic	PASS
2	7440.00	38.03	40.59	2.56	74.00	33.41	PK	Vertic	PASS
3	9920.00	36.19	41.81	5.62	74.00	32.19	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2402MHz by 2DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

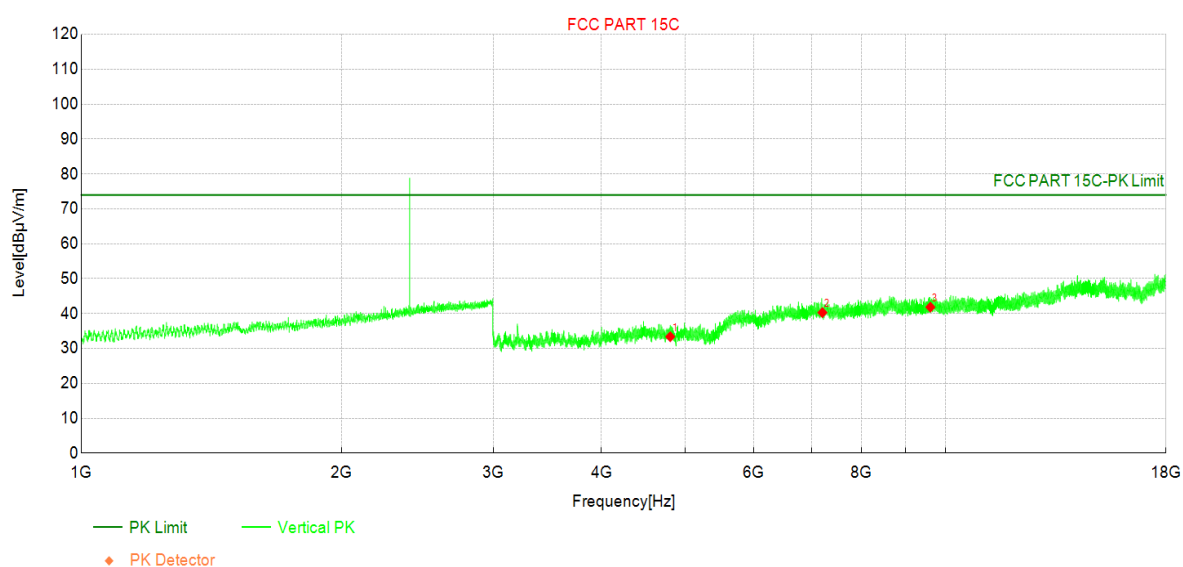
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	42.26	36.23	-6.03	74.00	37.77	PK	Horizo	PASS
2	7206.00	37.18	40.15	2.97	74.00	33.85	PK	Horizo	PASS
3	9608.00	35.64	41.58	5.94	74.00	32.42	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2402MHz by 2DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

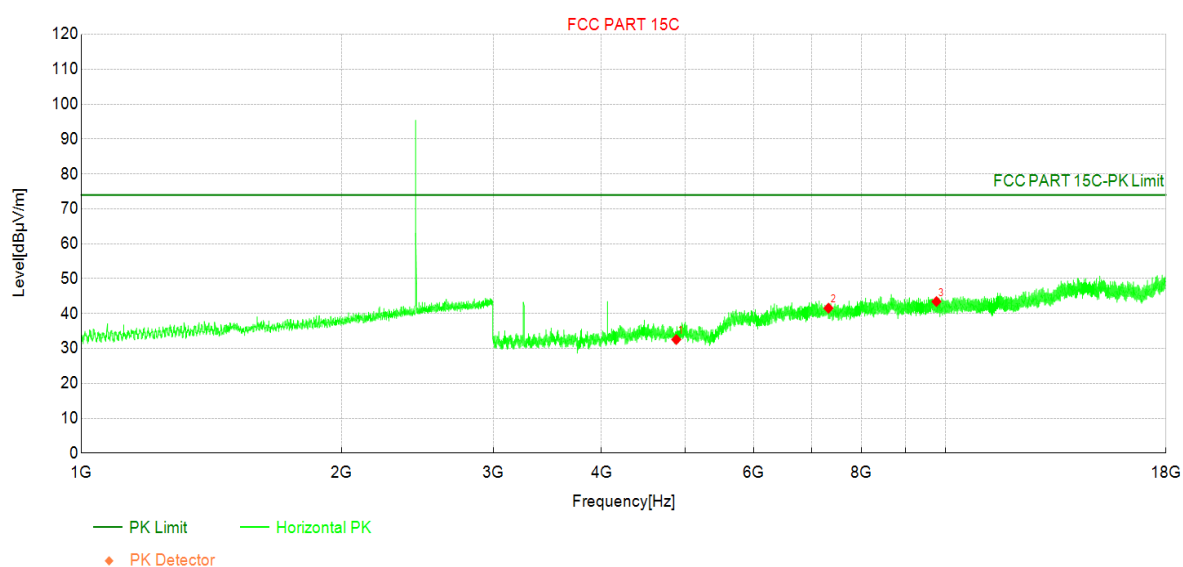
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	39.39	33.36	-6.03	74.00	40.64	PK	Vertic	PASS
2	7206.00	37.31	40.28	2.97	74.00	33.72	PK	Vertic	PASS
3	9608.00	35.90	41.84	5.94	74.00	32.16	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2441MHz by 2DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

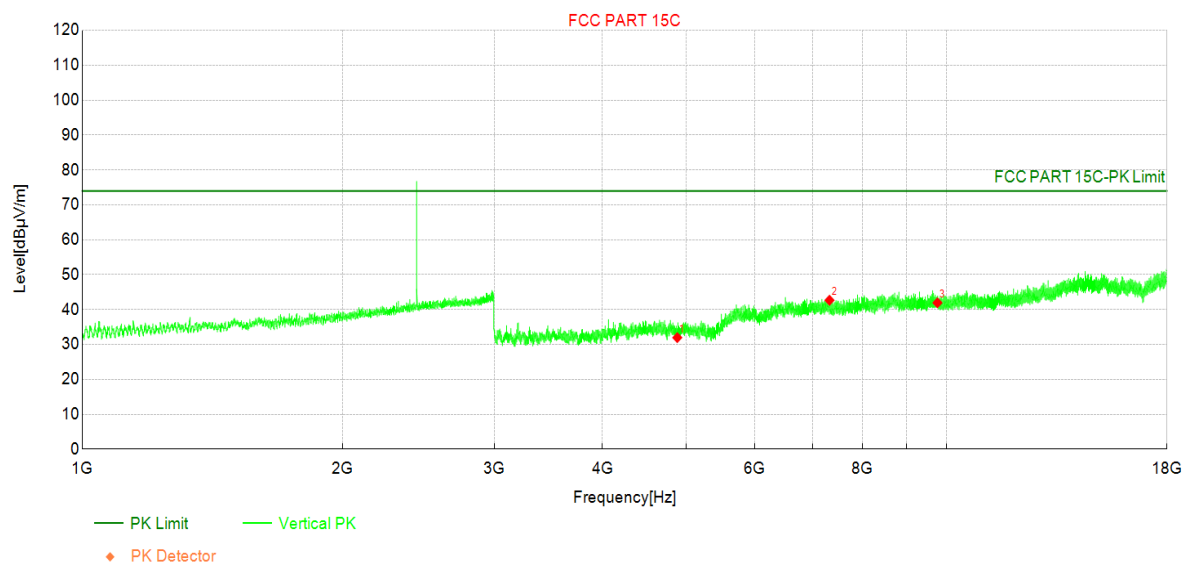
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	38.64	32.56	-6.08	74.00	41.44	PK	Horizo	PASS
2	7323.00	38.77	41.55	2.78	74.00	32.45	PK	Horizo	PASS
3	9764.00	37.33	43.45	6.12	74.00	30.55	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2441MHz by 2DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

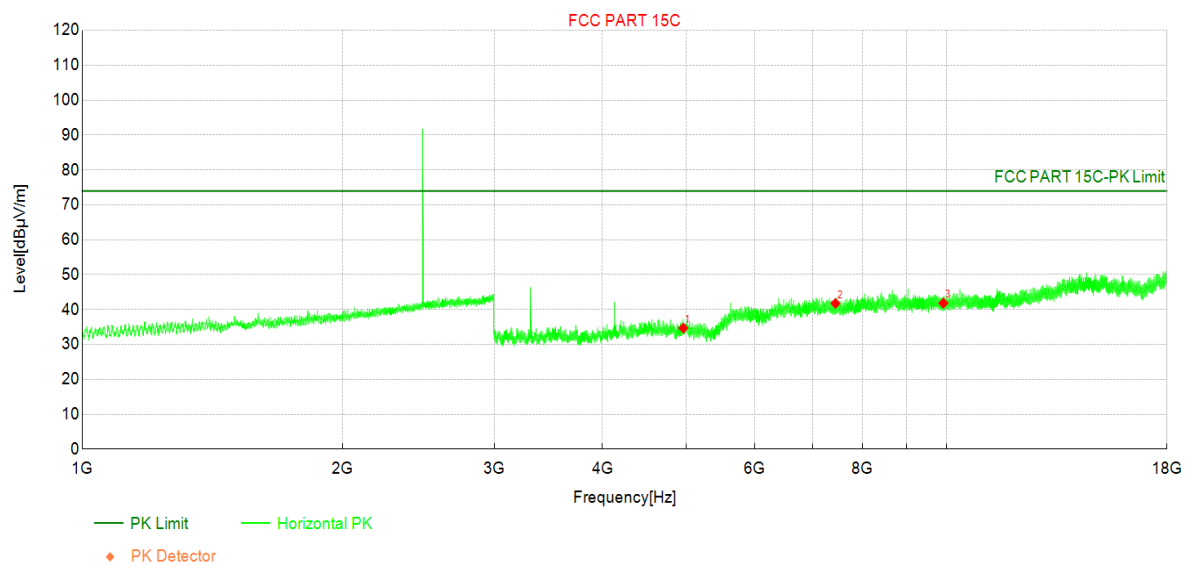
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	38.04	31.96	-6.08	74.00	42.04	PK	Vertic	PASS
2	7323.00	39.89	42.67	2.78	74.00	31.33	PK	Vertic	PASS
3	9764.00	35.82	41.94	6.12	74.00	32.06	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2480MHz by 2DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

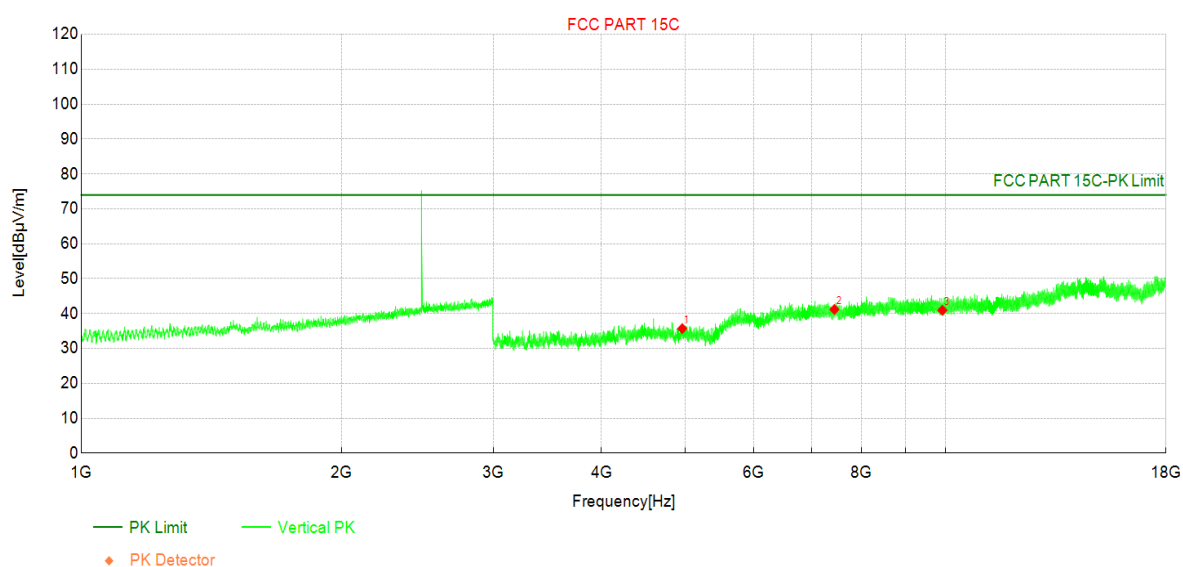
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	39.97	34.70	-5.27	74.00	39.30	PK	Horizo	PASS
2	7440.00	39.21	41.77	2.56	74.00	32.23	PK	Horizo	PASS
3	9920.00	36.22	41.84	5.62	74.00	32.16	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2480MHz by 2DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

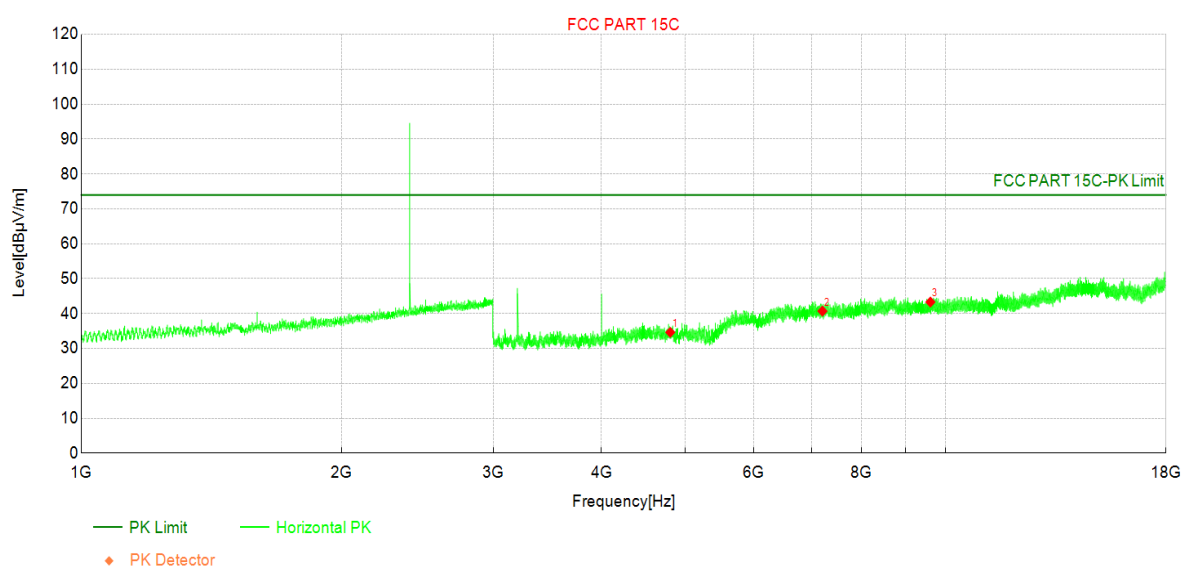
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	40.95	35.68	-5.27	74.00	38.32	PK	Vertic	PASS
2	7440.00	38.61	41.17	2.56	74.00	32.83	PK	Vertic	PASS
3	9920.00	35.30	40.92	5.62	74.00	33.08	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2402MHz by 3DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

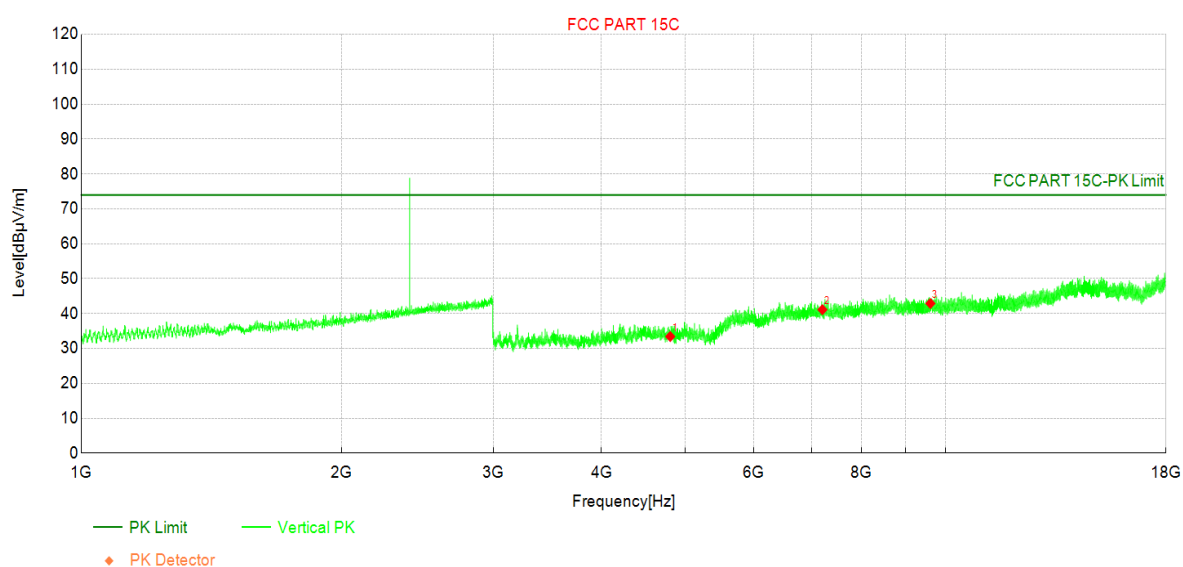
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	40.65	34.62	-6.03	74.00	39.38	PK	Horizo	PASS
2	7206.00	37.74	40.71	2.97	74.00	33.29	PK	Horizo	PASS
3	9608.00	37.36	43.30	5.94	74.00	30.70	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2402MHz by 3DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

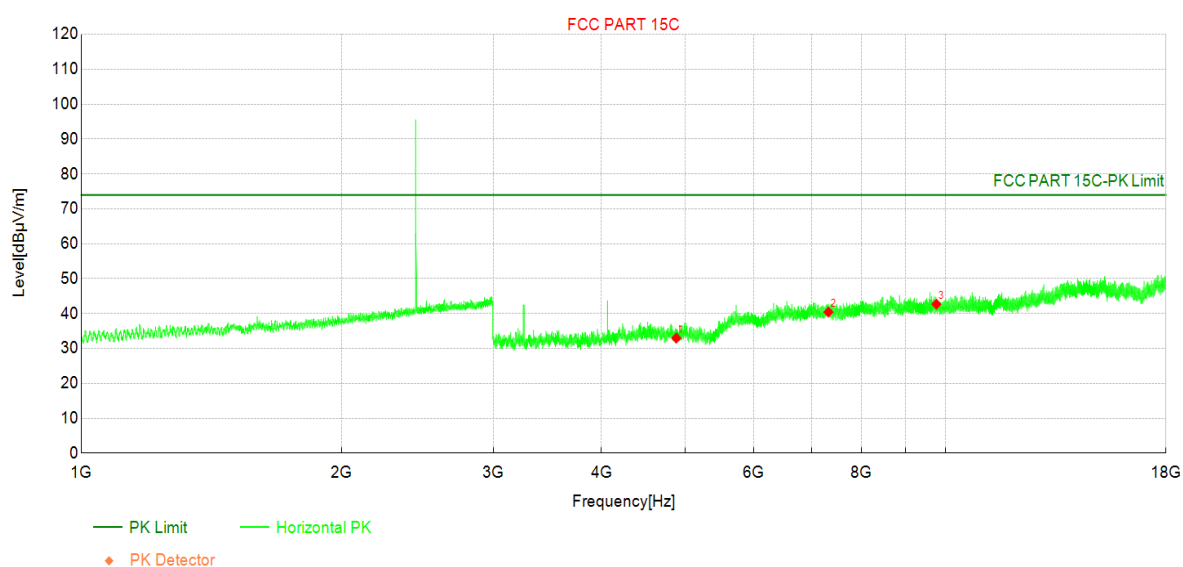
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	39.44	33.41	-6.03	74.00	40.59	PK	Vertic	PASS
2	7206.00	38.14	41.11	2.97	74.00	32.89	PK	Vertic	PASS
3	9608.00	36.95	42.89	5.94	74.00	31.11	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2441MHz by 3DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

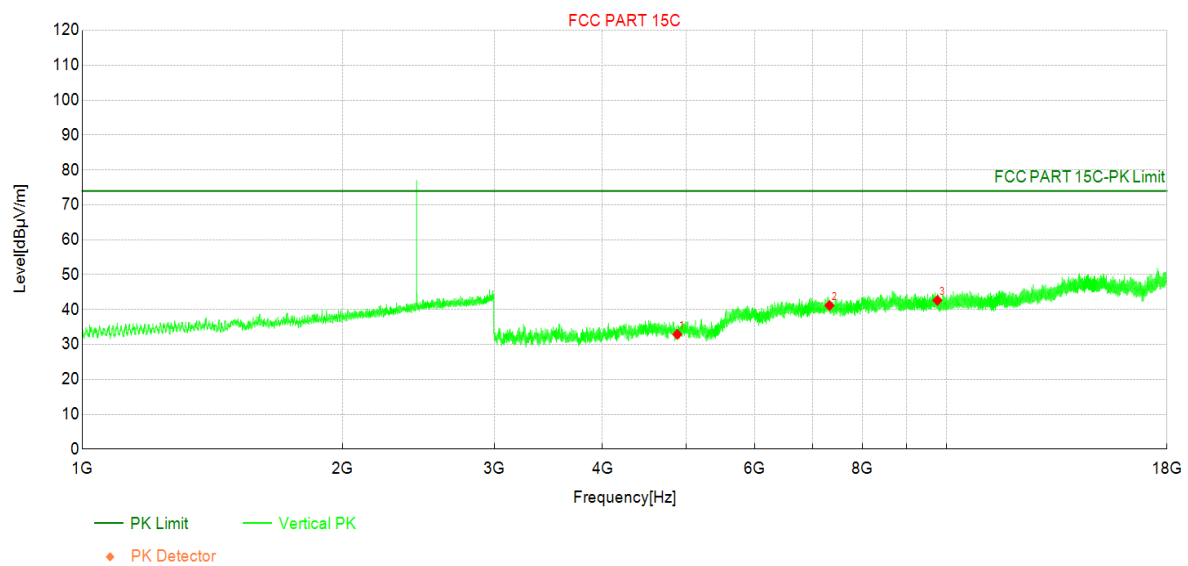
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	39.05	32.97	-6.08	74.00	41.03	PK	Horizo	PASS
2	7323.00	37.64	40.42	2.78	74.00	33.58	PK	Horizo	PASS
3	9764.00	36.58	42.70	6.12	74.00	31.30	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2441MHz by 3DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

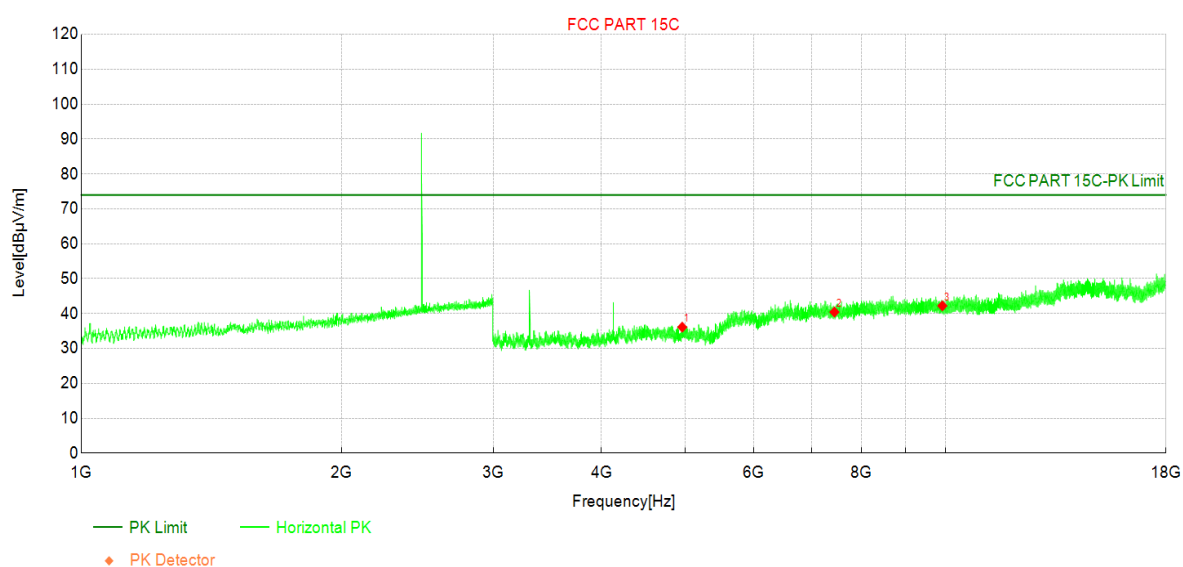
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	38.96	32.88	-6.08	74.00	41.12	PK	Vertic	PASS
2	7323.00	38.38	41.16	2.78	74.00	32.84	PK	Vertic	PASS
3	9764.00	36.51	42.63	6.12	74.00	31.37	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2480MHz by 3DH5	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

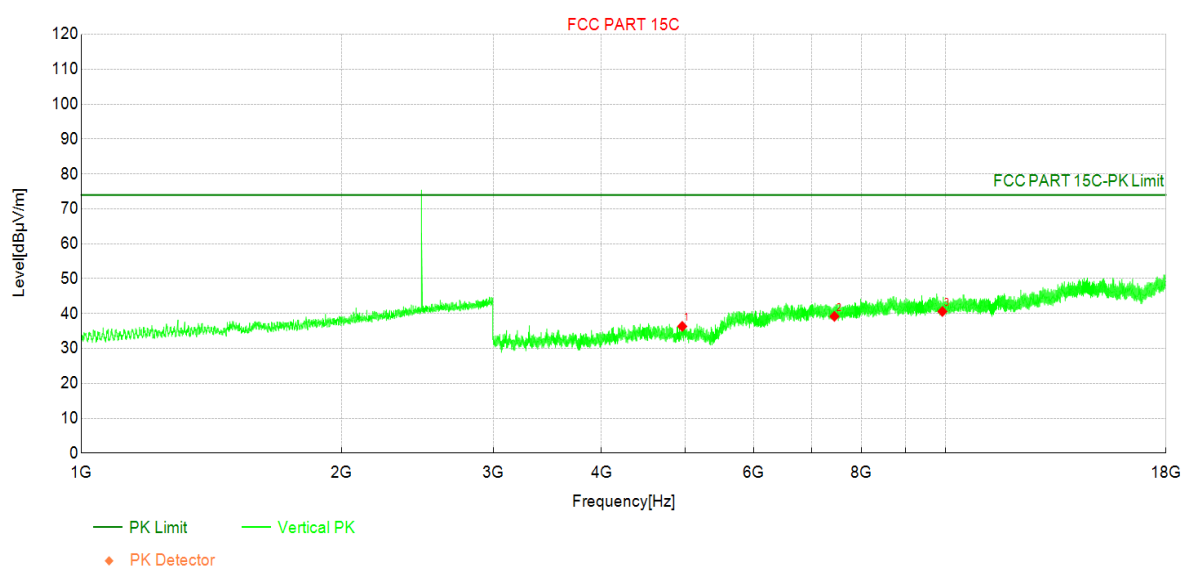
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	41.38	36.11	-5.27	74.00	37.89	PK	Horizo	PASS
2	7440.00	37.87	40.43	2.56	74.00	33.57	PK	Horizo	PASS
3	9920.00	36.60	42.22	5.62	74.00	31.78	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2480MHz by 3DH5	Voltage:	DC12V
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	4960.00	41.60	36.33	-5.27	74.00	37.67	PK	Vertic	PASS
2	7440.00	36.63	39.19	2.56	74.00	34.81	PK	Vertic	PASS
3	9920.00	34.97	40.59	5.62	74.00	33.41	PK	Vertic	PASS

Note:

1. Level = Reading + Factor

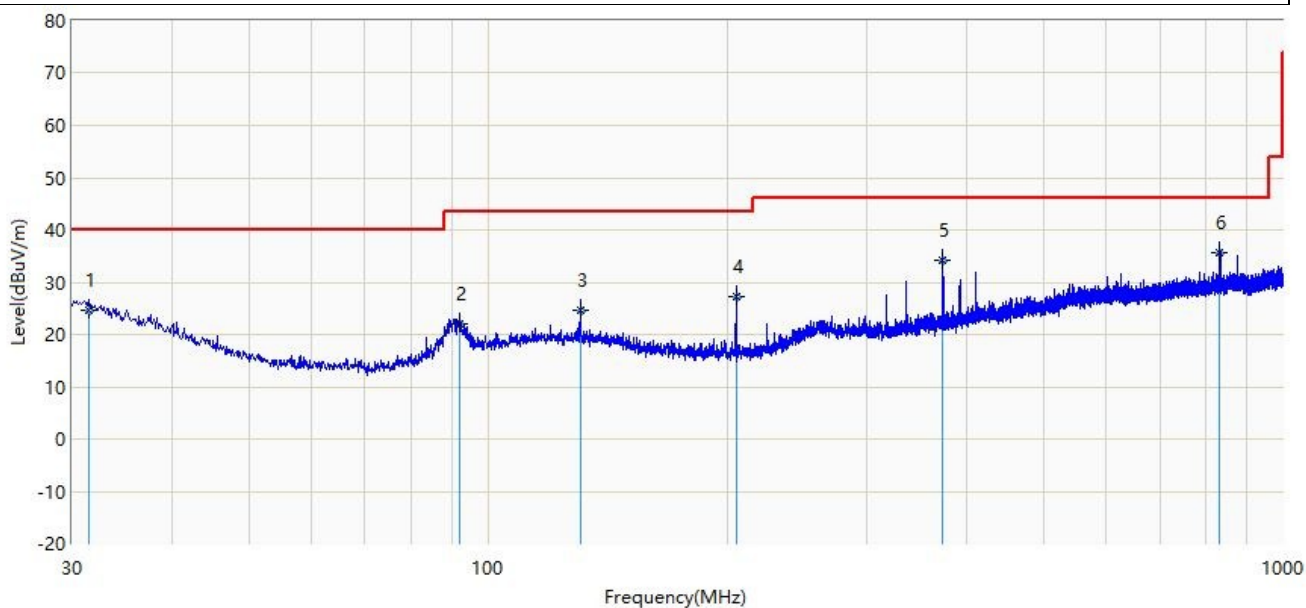
2. Margin = Limit - Level, AV Level = PK Level + Duty Cycle Factor.

3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.

4. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.

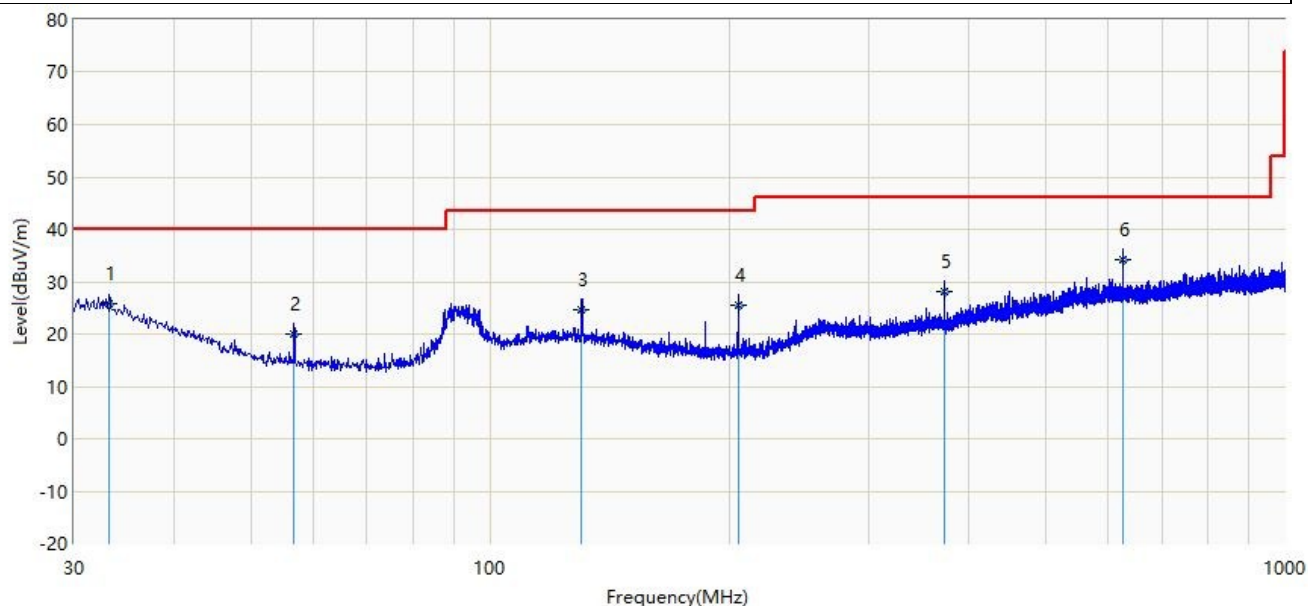
The worst case of Radiated Emission below 1GHz :

Profile: 2550050R	Page No.: 1
Engineer: Yu Liu	
Site: AC2	Time: 2025/06/22 - 13:28
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Horizontal
EUT: In-vehicle Multimedia Host	Power: 12Vdc
Note: mode 1:Transmit at 2402MHz by DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		31.455	24.642	0.236	-15.358	40.000	24.406	QP
2		92.080	22.027	5.682	-21.473	43.500	16.345	QP
3		130.759	24.526	5.332	-18.974	43.500	19.195	QP
4		205.449	27.214	10.302	-16.286	43.500	16.912	QP
5		373.622	34.111	11.488	-11.889	46.000	22.623	QP
6	*	833.645	35.539	6.440	-10.461	46.000	29.099	QP

Profile: 2550050R	Page No.: 2
Engineer: Yu Liu	
Site: AC2	Time: 2025/06/22 - 13:40
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Vertical
EUT: In-vehicle Multimedia Host	Power: 12Vdc
Note: mode 1:Transmit at 2402MHz by DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		33.153	25.676	2.056	-14.324	40.000	23.620	QP
2		56.675	20.114	6.832	-19.886	40.000	13.282	QP
3		130.516	24.667	5.457	-18.833	43.500	19.210	QP
4		205.206	25.592	8.682	-17.908	43.500	16.911	QP
5		373.138	28.122	5.505	-17.878	46.000	22.617	QP
6	*	624.974	34.114	6.814	-11.886	46.000	27.301	QP

Note:

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