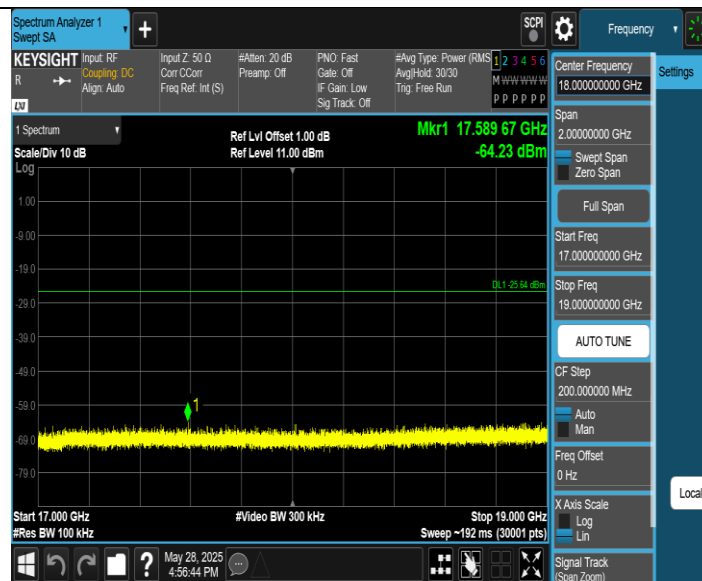
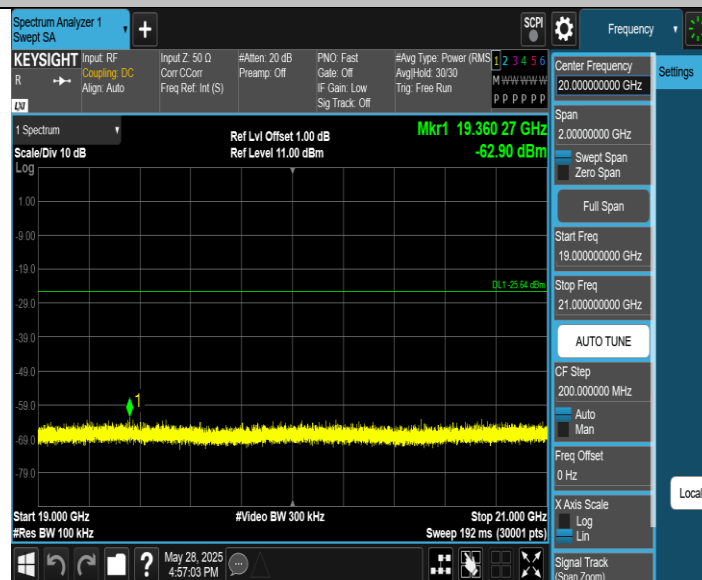
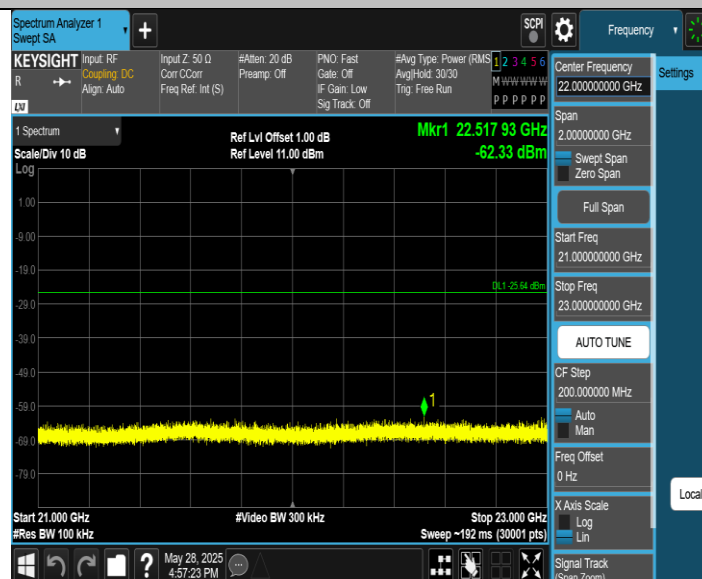




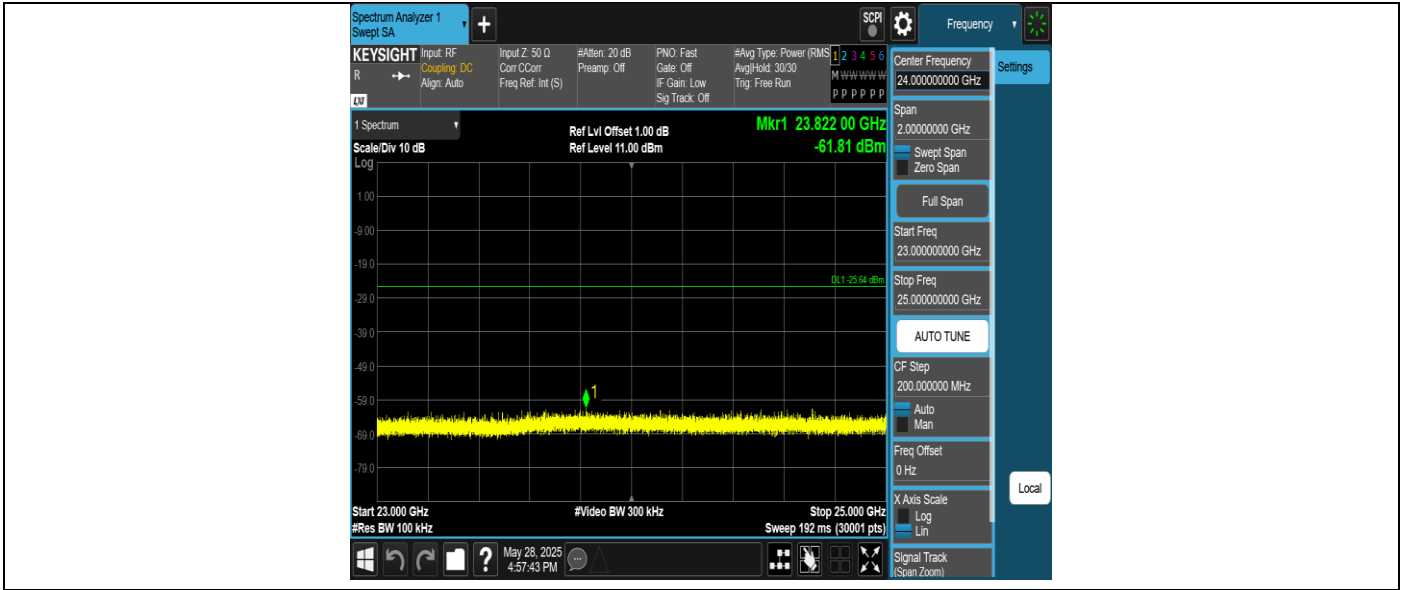
11AX20SISO_Ant1_2462_19000~21000



11AX20SISO_Ant1_2462_21000~23000



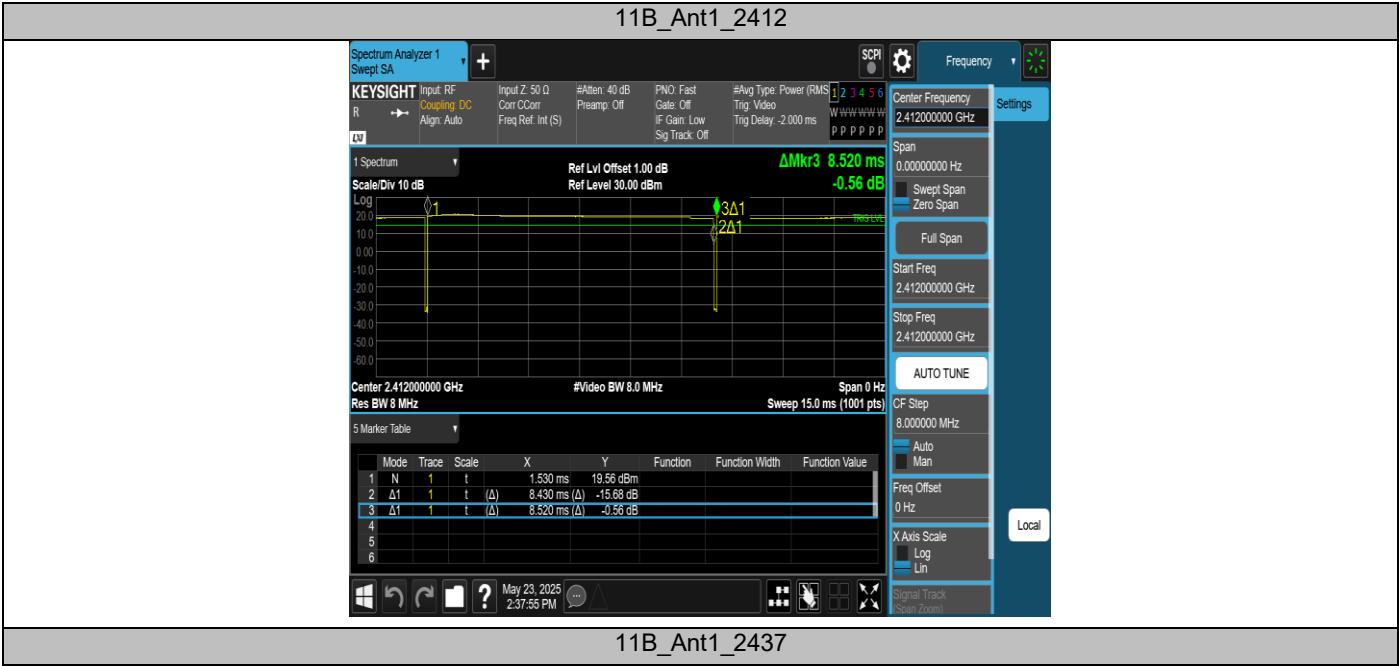
11AX20SISO_Ant1_2462_23000~25000

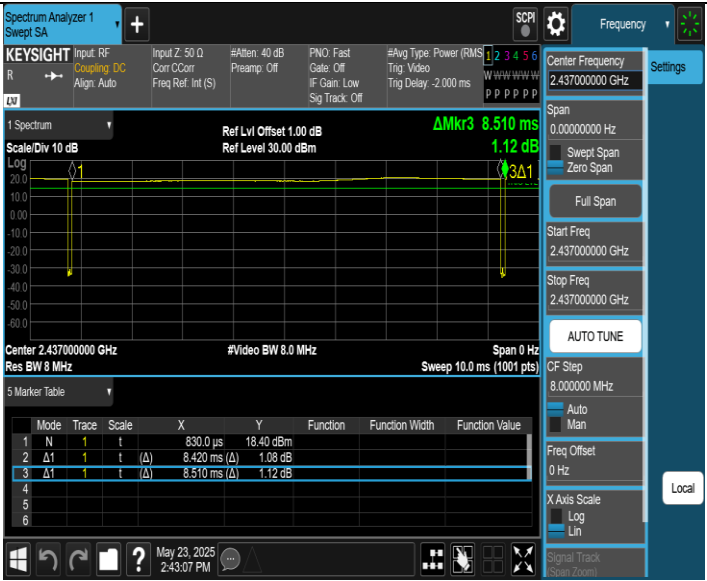


Appendix F: Duty Cycle

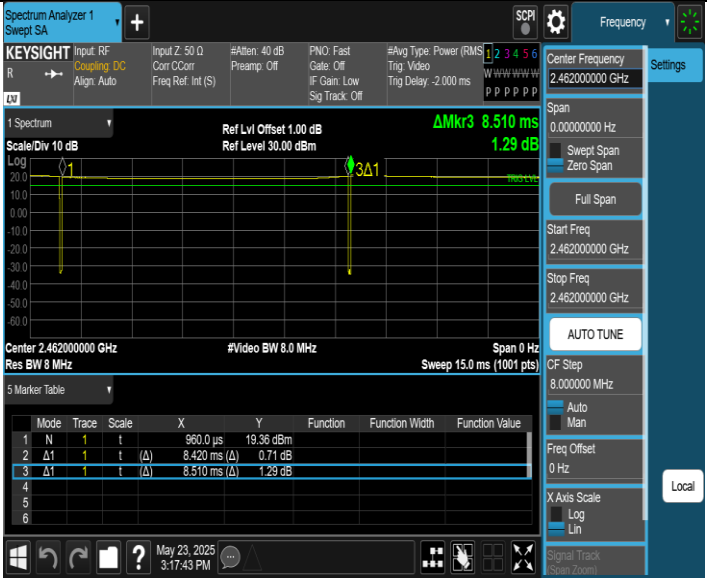
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.43	8.52	98.94	0.05
		2437	8.42	8.51	98.94	0.05
		2462	8.42	8.51	98.94	0.05
11G	Ant1	2412	1.39	1.49	93.29	0.30
		2437	1.39	1.49	93.29	0.30
		2462	1.39	1.49	93.29	0.30
11N20SISO	Ant1	2412	1.30	1.40	92.86	0.32
		2437	1.30	1.40	92.86	0.32
		2462	1.31	1.41	92.91	0.32
11AX20SISO	Ant1	2412	1.02	1.12	91.07	0.41
		2437	1.02	1.12	91.07	0.41
		2462	1.02	1.12	91.07	0.41

Test Graphs

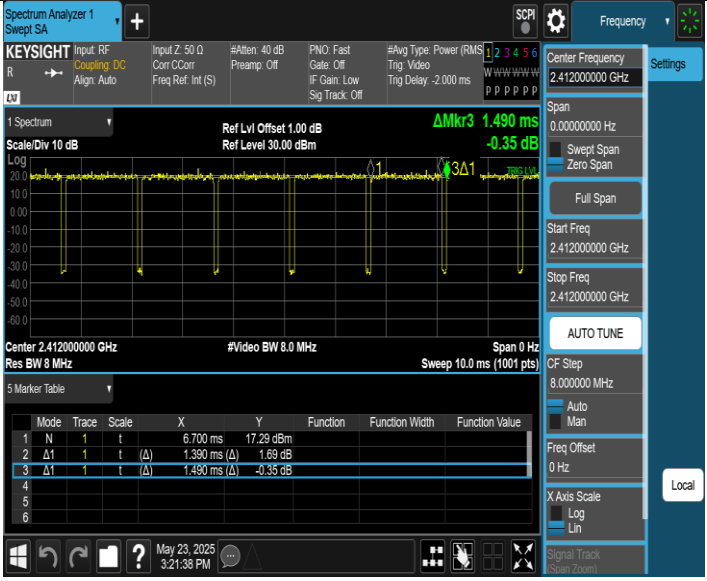




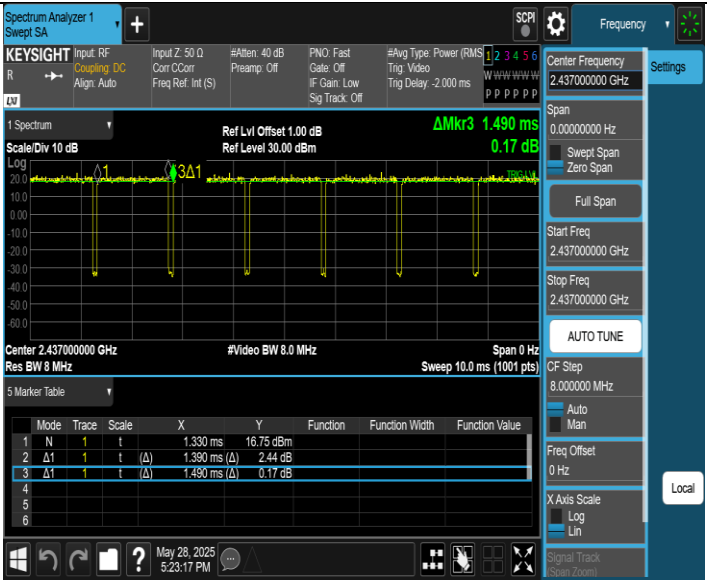
11B_Ant1_2462



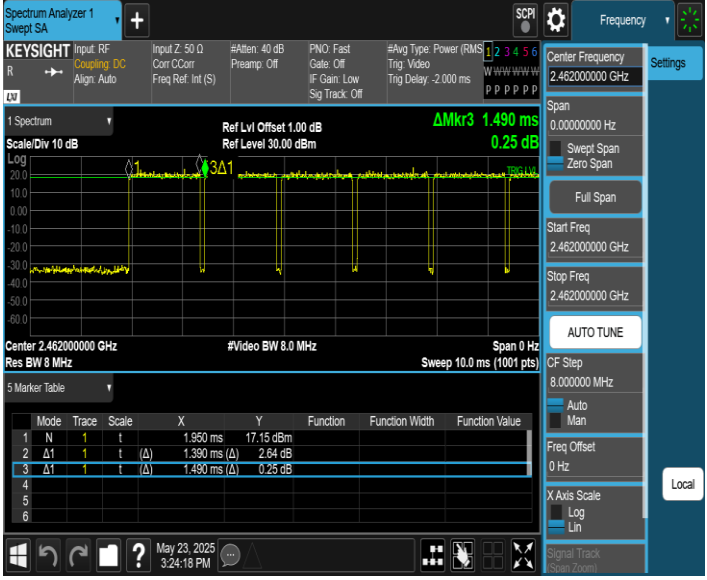
11G_Ant1_2412



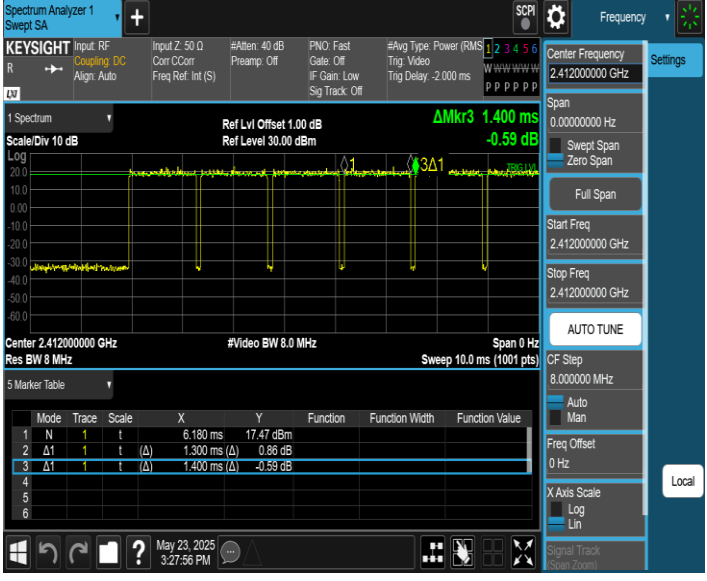
11G_Ant1_2437



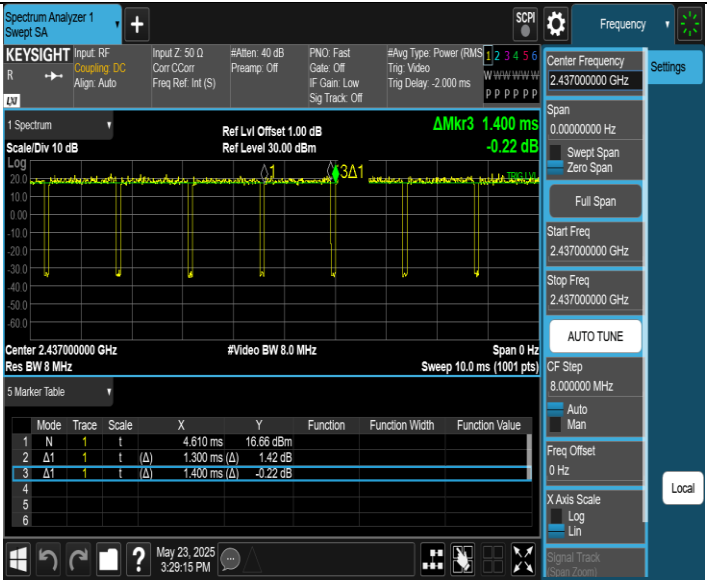
11G_Ant1_2462



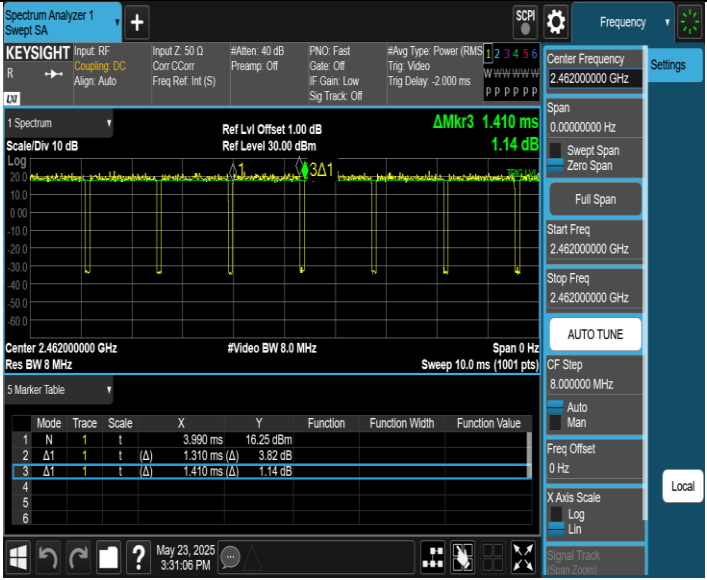
11N20SISO_Ant1_2412



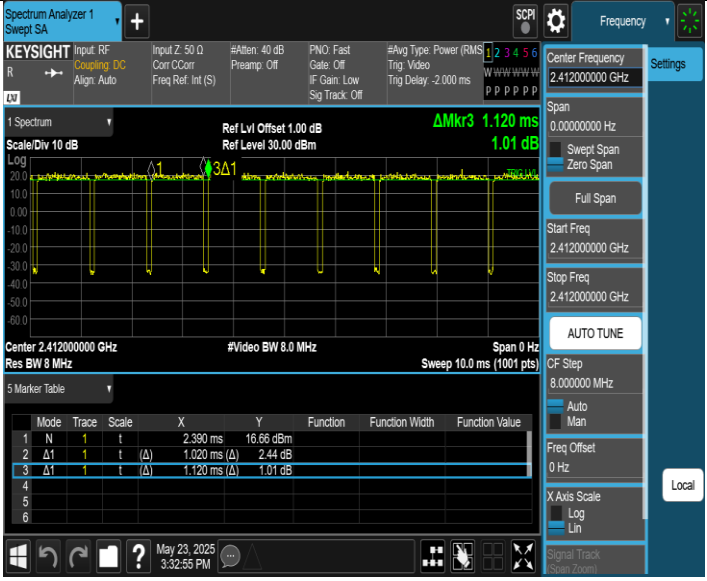
11N20SISO_Ant1_2437



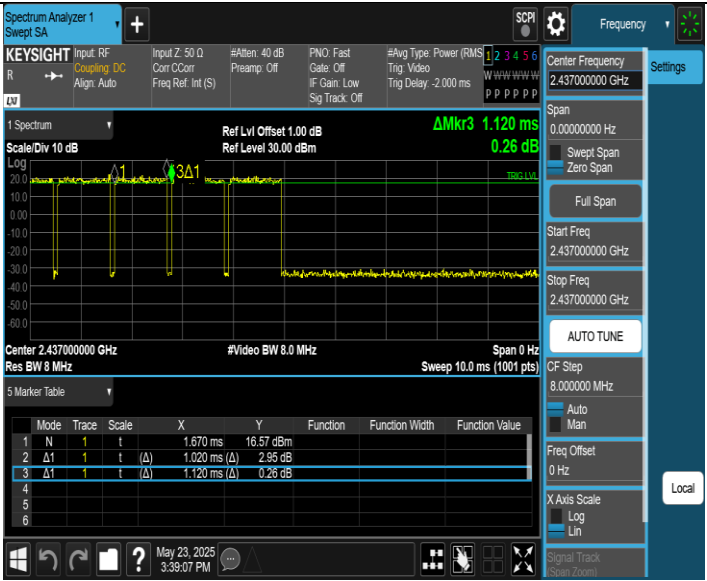
11N20SISO_Ant1_2462



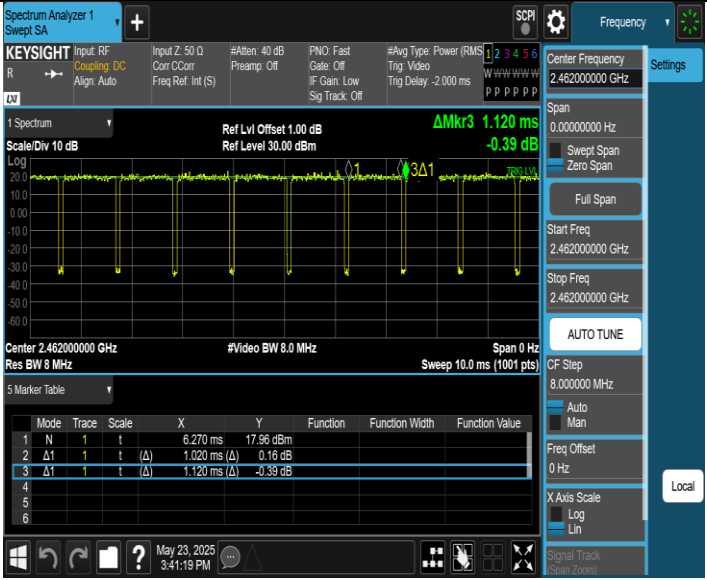
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



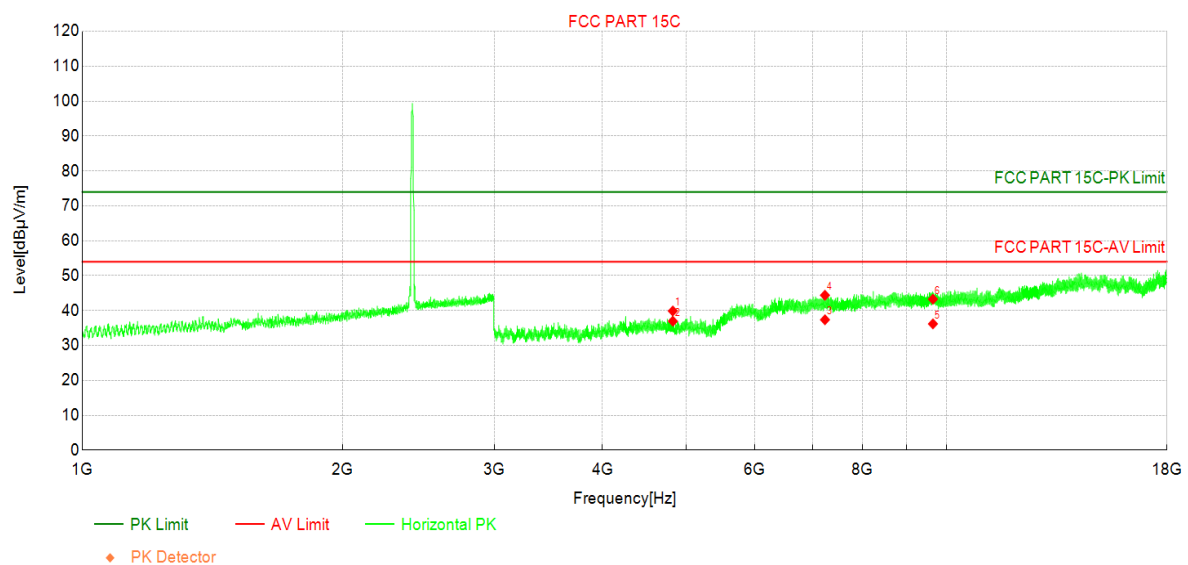
Appendix G: Emissions in Restricted Bands

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

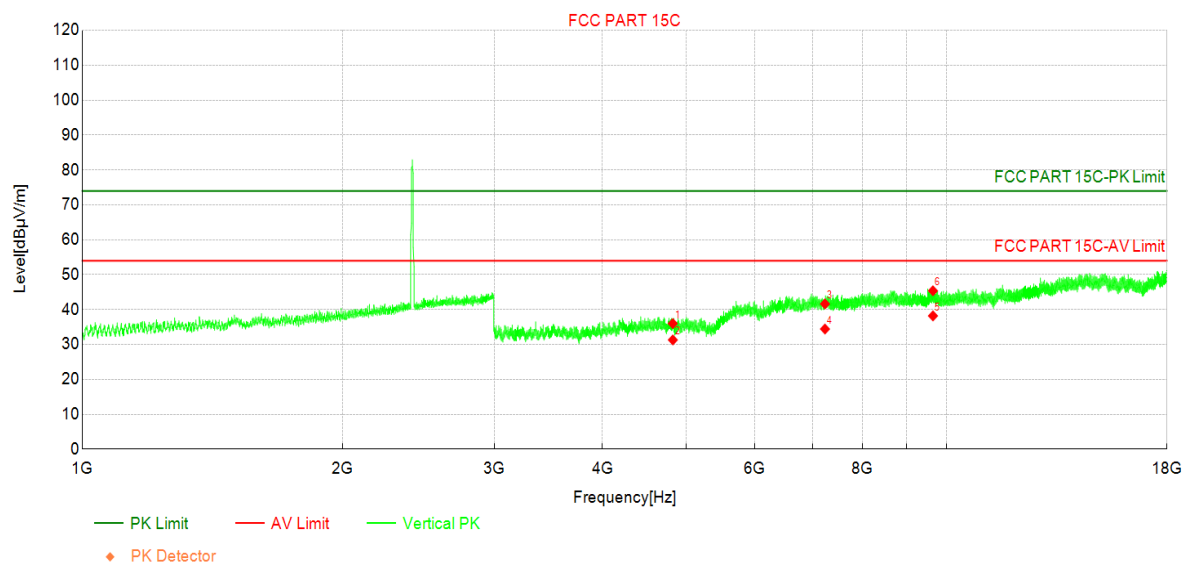
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	45.92	39.88	-6.04	74.00	34.12	PK	Horizo	PASS
2	4824.38	43.00	36.96	-6.04	54.00	17.04	AV	Horizo	PASS
3	7236.00	34.39	37.36	2.97	54.00	16.64	AV	Horizo	PASS
4	7236.00	41.41	44.38	2.97	74.00	29.62	PK	Horizo	PASS
5	9648.00	30.10	36.18	6.08	54.00	17.82	AV	Horizo	PASS
6	9648.00	37.18	43.26	6.08	74.00	30.74	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

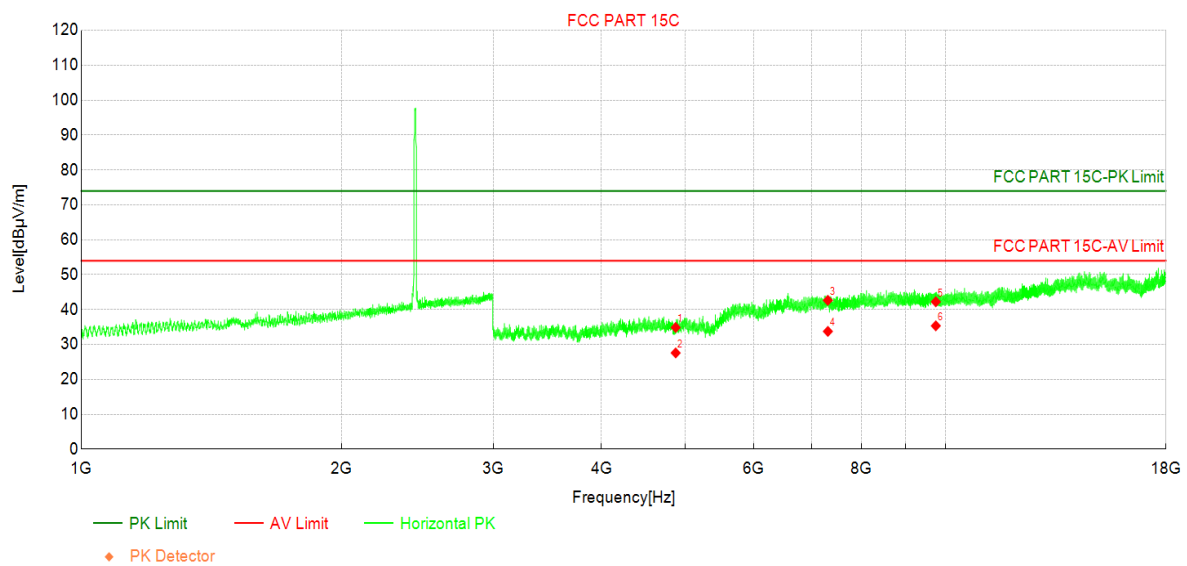
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	42.03	35.99	-6.04	74.00	38.01	PK	Vertic	PASS
2	4824.38	37.34	31.30	-6.04	54.00	22.70	AV	Vertic	PASS
3	7236.00	38.65	41.62	2.97	74.00	32.38	PK	Vertic	PASS
4	7236.00	31.46	34.43	2.97	54.00	19.57	AV	Vertic	PASS
5	9648.00	32.11	38.19	6.08	54.00	15.81	AV	Vertic	PASS
6	9648.00	39.30	45.38	6.08	74.00	28.62	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2437MHz by 802.11b	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

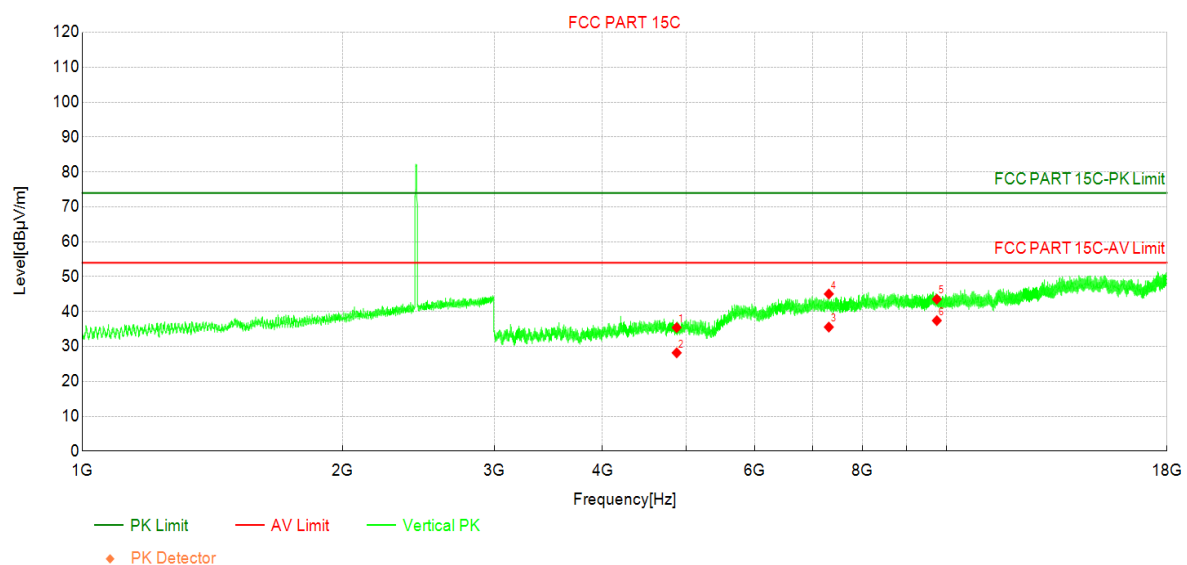
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	40.94	34.86	-6.08	74.00	39.14	PK	Horizo	PASS
2	4874.00	33.65	27.57	-6.08	54.00	26.43	AV	Horizo	PASS
3	7311.00	39.77	42.64	2.87	74.00	31.36	PK	Horizo	PASS
4	7311.00	30.87	33.74	2.87	54.00	20.26	AV	Horizo	PASS
5	9748.00	36.07	42.23	6.16	74.00	31.77	PK	Horizo	PASS
6	9748.00	29.18	35.34	6.16	54.00	18.66	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2437MHz by 802.11b	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

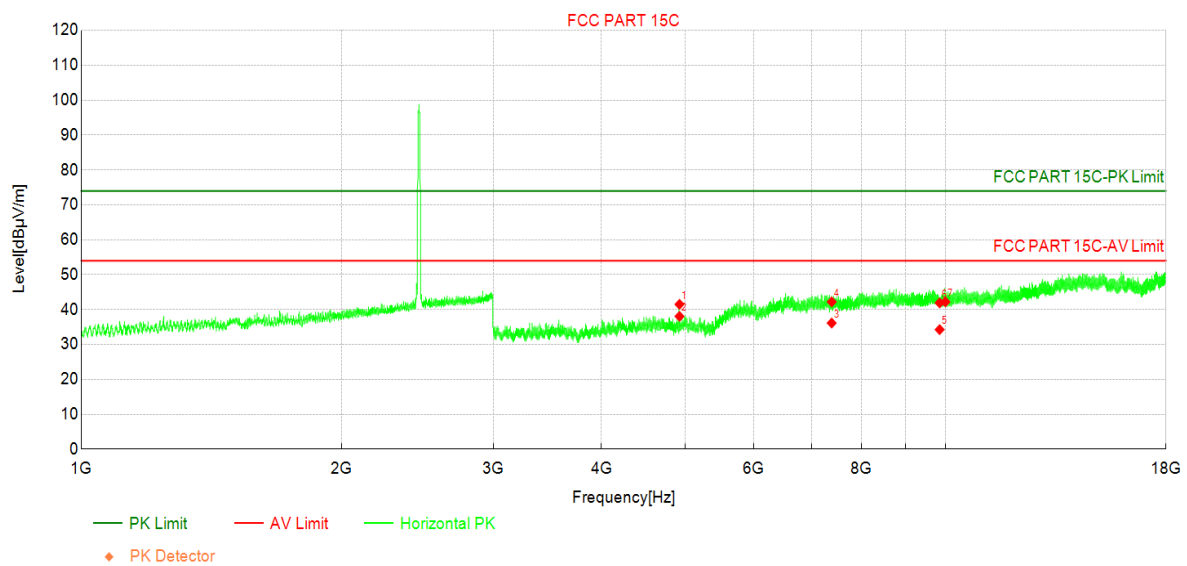
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.50	35.42	-6.08	74.00	38.58	PK	Vertic	PASS
2	4874.00	34.26	28.18	-6.08	54.00	25.82	AV	Vertic	PASS
3	7311.00	32.68	35.55	2.87	54.00	18.45	AV	Vertic	PASS
4	7311.00	42.16	45.03	2.87	74.00	28.97	PK	Vertic	PASS
5	9748.00	37.38	43.54	6.16	74.00	30.46	PK	Vertic	PASS
6	9748.00	31.25	37.41	6.16	54.00	16.59	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

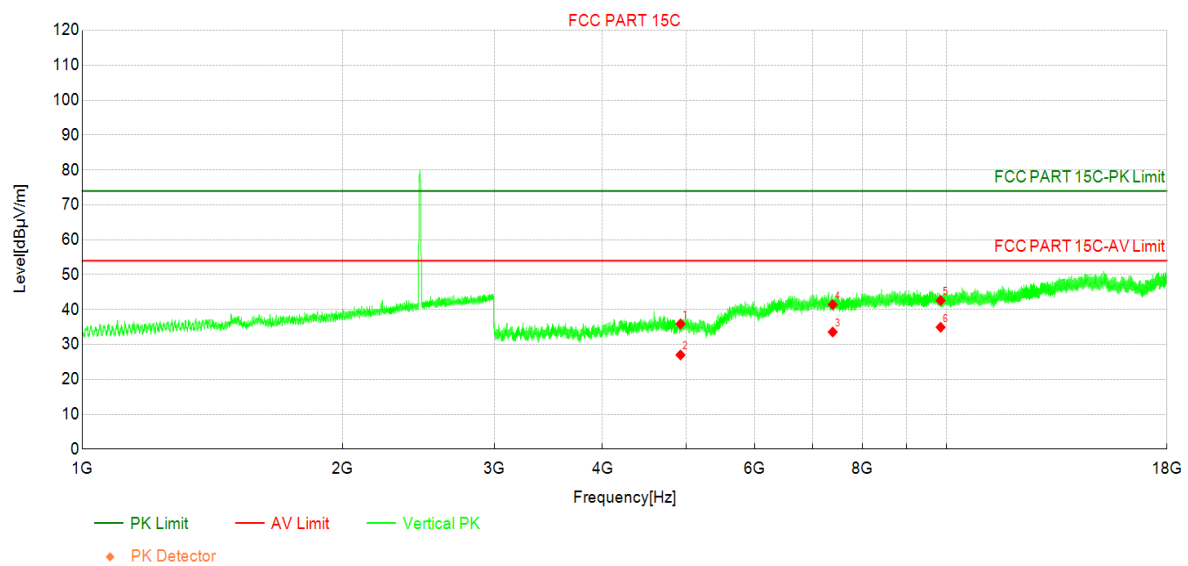
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	47.26	41.50	-5.76	74.00	32.50	PK	Horizo	PASS
2	4924.00	43.81	38.05	-5.76	54.00	15.95	AV	Horizo	PASS
3	7386.00	33.84	36.14	2.30	54.00	17.86	AV	Horizo	PASS
4	7386.00	39.90	42.20	2.30	74.00	31.80	PK	Horizo	PASS
5	9848.00	28.45	34.25	5.80	54.00	19.75	AV	Horizo	PASS
6	9848.00	36.11	41.91	5.80	74.00	32.09	PK	Horizo	PASS
7	10000.13	36.31	42.21	5.90	54.00	11.79	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

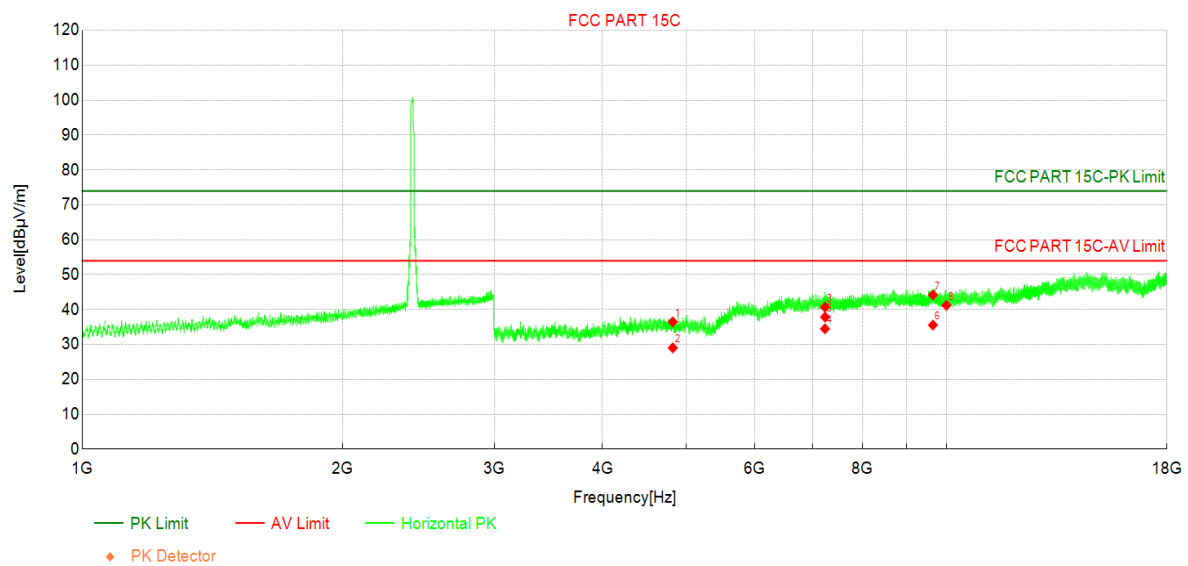
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	41.66	35.90	-5.76	74.00	38.10	PK	Vertic	PASS
2	4924.00	32.75	26.99	-5.76	54.00	27.01	AV	Vertic	PASS
3	7386.00	31.27	33.57	2.30	54.00	20.43	AV	Vertic	PASS
4	7386.00	39.12	41.42	2.30	74.00	32.58	PK	Vertic	PASS
5	9848.00	36.80	42.60	5.80	74.00	31.40	PK	Vertic	PASS
6	9848.00	29.13	34.93	5.80	54.00	19.07	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	DC12V
Environment:	Temp: 25℃; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

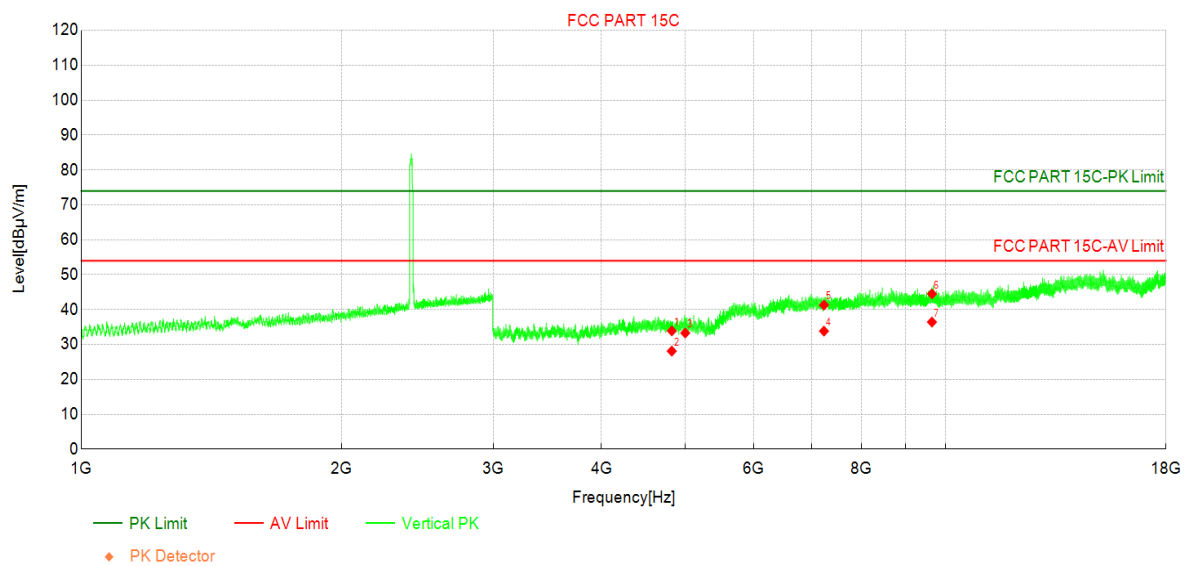
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	42.50	36.46	-6.04	74.00	37.54	PK	Horizo	PASS
2	4824.00	35.07	29.03	-6.04	54.00	24.97	AV	Horizo	PASS
3	7236.00	37.72	40.69	2.97	74.00	33.31	PK	Horizo	PASS
4	7236.00	31.52	34.49	2.97	54.00	19.51	AV	Horizo	PASS
5	7237.88	34.89	37.86	2.97	54.00	16.14	AV	Horizo	PASS
6	9648.00	29.48	35.56	6.08	54.00	18.44	AV	Horizo	PASS
7	9648.00	38.14	44.22	6.08	74.00	29.78	PK	Horizo	PASS
8	10000.50	35.31	41.21	5.90	54.00	12.79	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

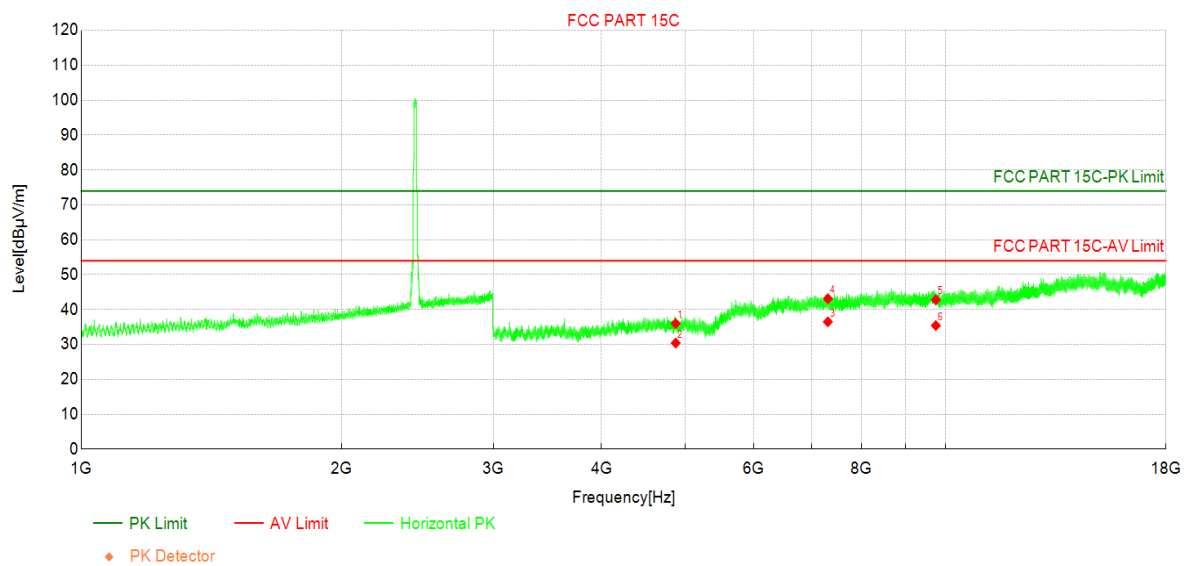
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	39.93	33.89	-6.04	74.00	40.11	PK	Vertic	PASS
2	4824.00	34.14	28.10	-6.04	54.00	25.90	AV	Vertic	PASS
3	5000.25	38.00	33.28	-4.72	54.00	20.72	AV	Vertic	PASS
4	7236.00	30.86	33.83	2.97	54.00	20.17	AV	Vertic	PASS
5	7236.00	38.32	41.29	2.97	74.00	32.71	PK	Vertic	PASS
6	9648.00	38.42	44.50	6.08	74.00	29.50	PK	Vertic	PASS
7	9648.00	30.34	36.42	6.08	54.00	17.58	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2437MHz by 802.11g	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

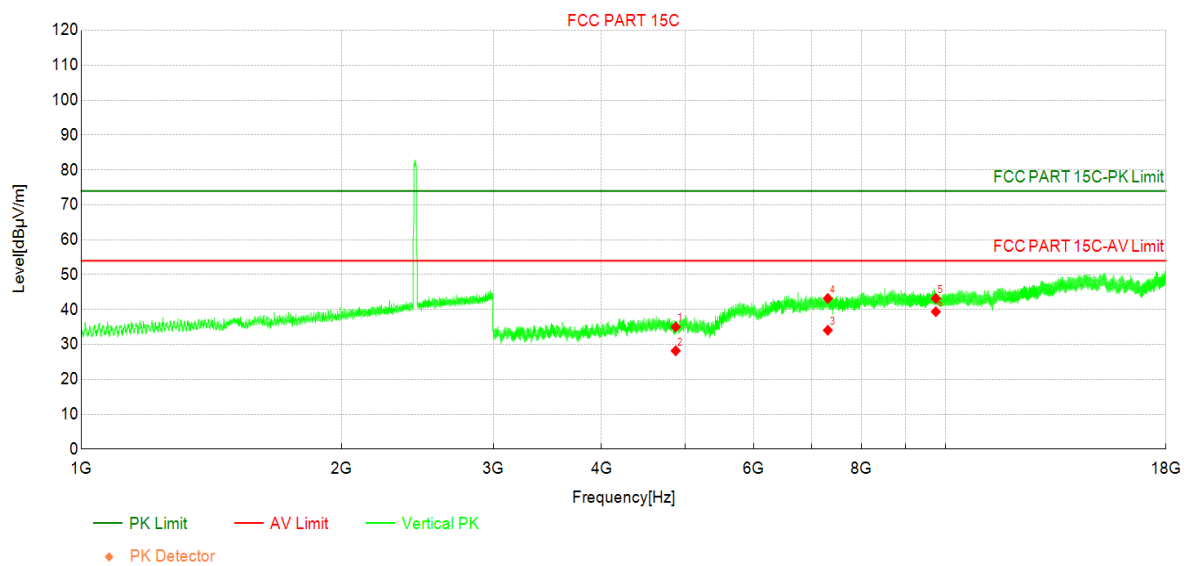
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	42.07	35.99	-6.08	74.00	38.01	PK	Horizo	PASS
2	4874.00	36.49	30.41	-6.08	54.00	23.59	AV	Horizo	PASS
3	7311.00	33.61	36.48	2.87	54.00	17.52	AV	Horizo	PASS
4	7311.00	40.24	43.11	2.87	74.00	30.89	PK	Horizo	PASS
5	9748.00	36.63	42.79	6.16	74.00	31.21	PK	Horizo	PASS
6	9748.00	29.26	35.42	6.16	54.00	18.58	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2437MHz by 802.11g	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

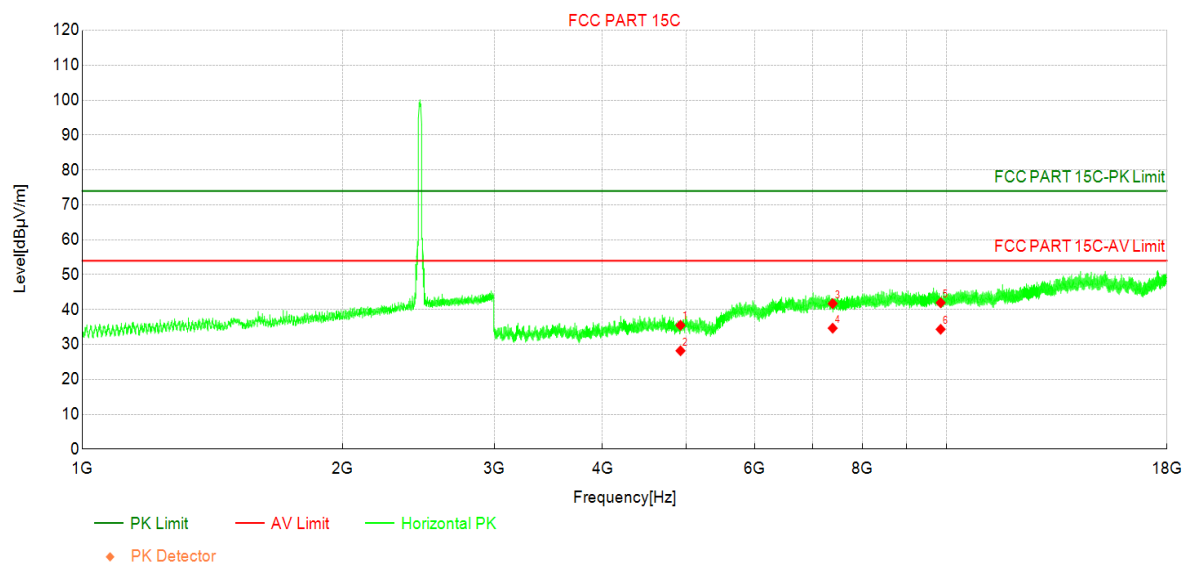
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.09	35.01	-6.08	74.00	38.99	PK	Vertic	PASS
2	4874.00	34.25	28.17	-6.08	54.00	25.83	AV	Vertic	PASS
3	7311.00	31.20	34.07	2.87	54.00	19.93	AV	Vertic	PASS
4	7311.00	40.32	43.19	2.87	74.00	30.81	PK	Vertic	PASS
5	9748.00	37.03	43.19	6.16	74.00	30.81	PK	Vertic	PASS
6	9748.00	33.21	39.37	6.16	54.00	14.63	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

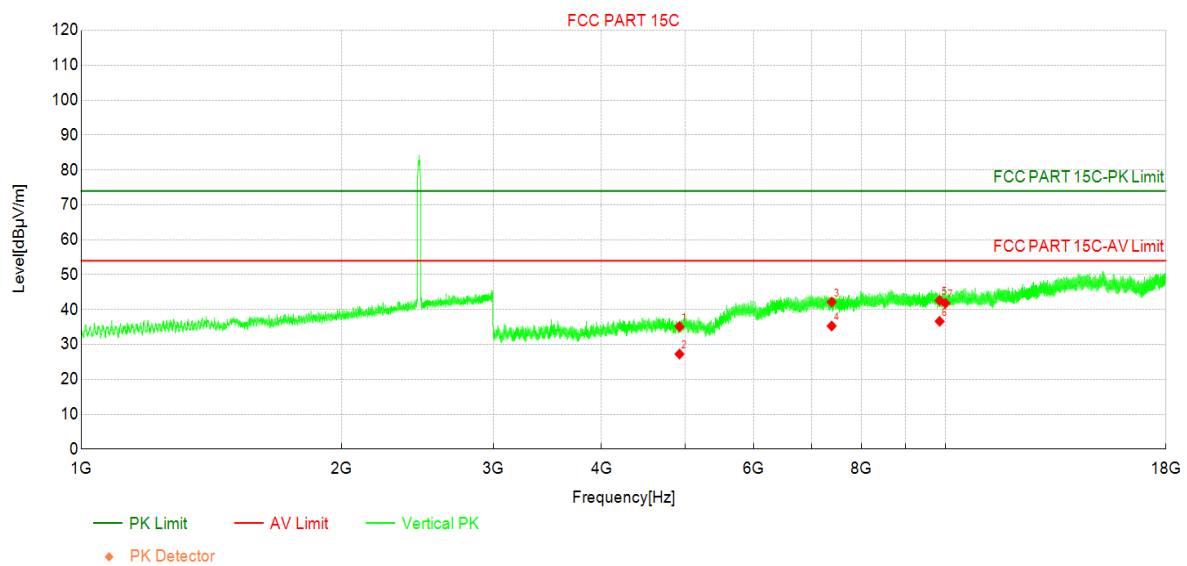
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	41.26	35.50	-5.76	74.00	38.50	PK	Horizo	PASS
2	4924.00	33.94	28.18	-5.76	54.00	25.82	AV	Horizo	PASS
3	7386.00	39.42	41.72	2.30	74.00	32.28	PK	Horizo	PASS
4	7386.00	32.36	34.66	2.30	54.00	19.34	AV	Horizo	PASS
5	9848.00	36.15	41.95	5.80	74.00	32.05	PK	Horizo	PASS
6	9848.00	28.55	34.35	5.80	54.00	19.65	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

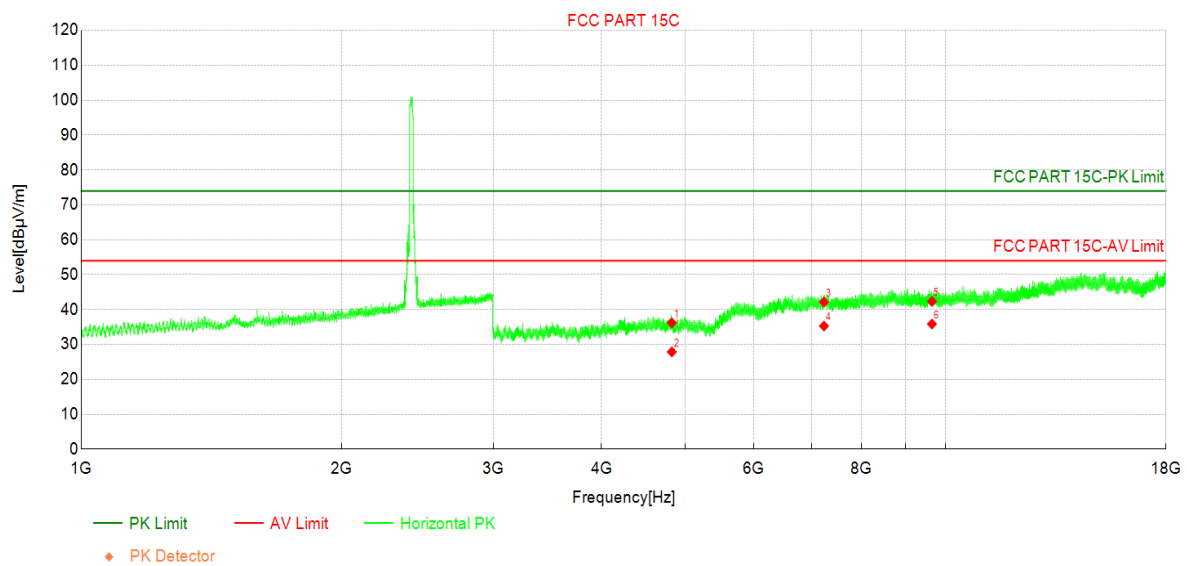
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	40.86	35.10	-5.76	74.00	38.90	PK	Vertic	PASS
2	4924.00	33.00	27.24	-5.76	54.00	26.76	AV	Vertic	PASS
3	7386.00	39.86	42.16	2.30	74.00	31.84	PK	Vertic	PASS
4	7386.00	32.98	35.28	2.30	54.00	18.72	AV	Vertic	PASS
5	9848.00	36.82	42.62	5.80	74.00	31.38	PK	Vertic	PASS
6	9848.00	30.83	36.63	5.80	54.00	17.37	AV	Vertic	PASS
7	10000.13	35.91	41.81	5.90	54.00	12.19	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2412MHz by 802.11n(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

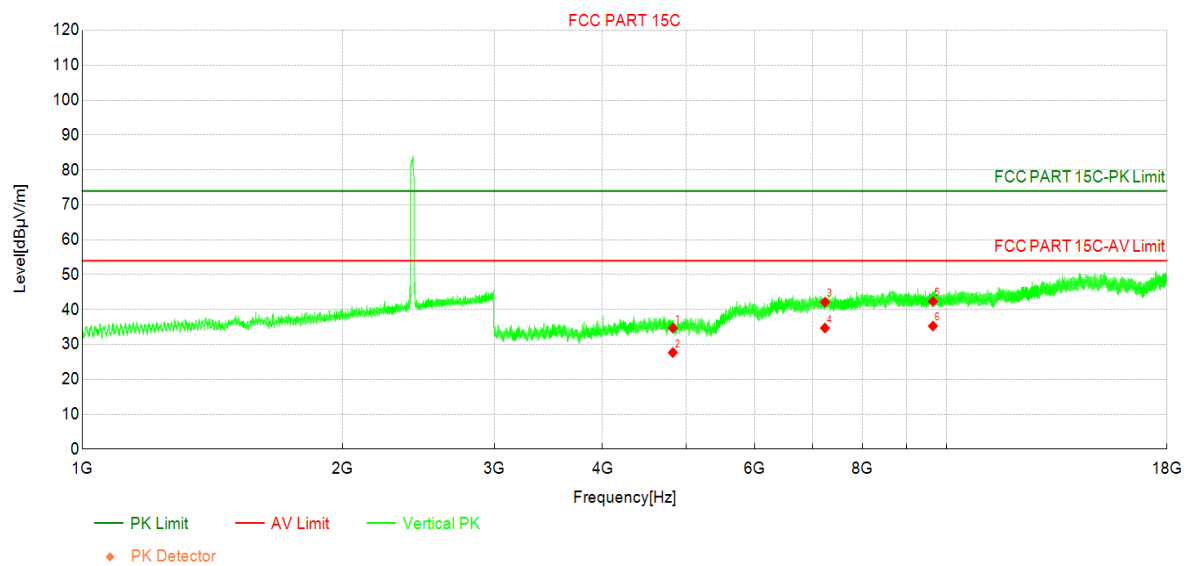
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	42.25	36.21	-6.04	74.00	37.79	PK	Horizo	PASS
2	4824.00	33.90	27.86	-6.04	54.00	26.14	AV	Horizo	PASS
3	7236.00	39.18	42.15	2.97	74.00	31.85	PK	Horizo	PASS
4	7236.00	32.30	35.27	2.97	54.00	18.73	AV	Horizo	PASS
5	9648.00	36.26	42.34	6.08	74.00	31.66	PK	Horizo	PASS
6	9648.00	29.78	35.86	6.08	54.00	18.14	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2412MHz by 802.11n(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

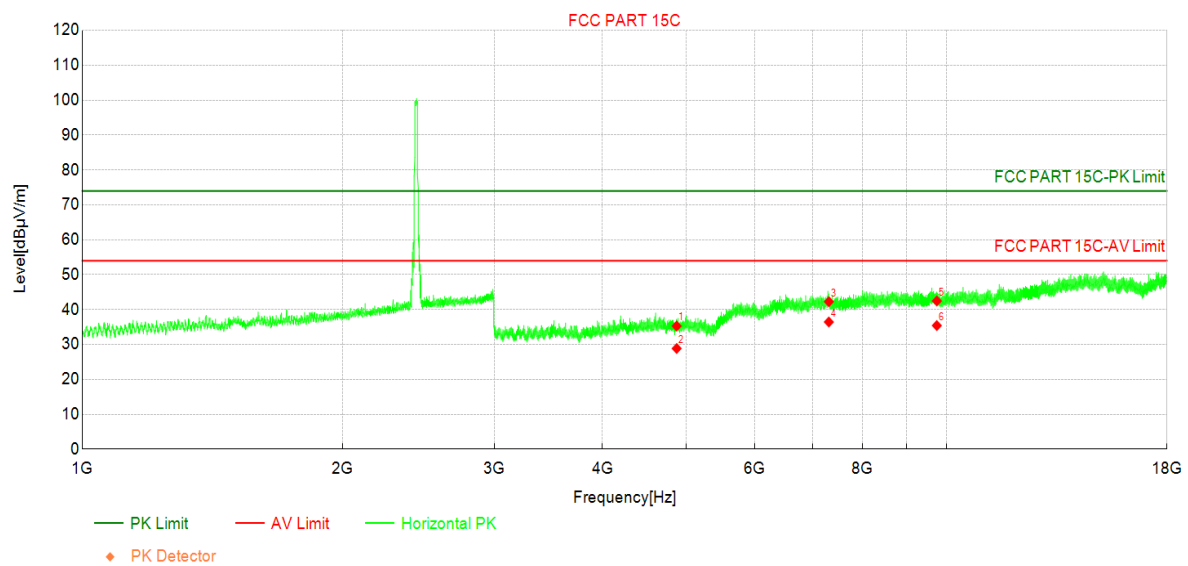
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	40.72	34.68	-6.04	74.00	39.32	PK	Vertic	PASS
2	4824.00	33.72	27.68	-6.04	54.00	26.32	AV	Vertic	PASS
3	7236.00	39.16	42.13	2.97	74.00	31.87	PK	Vertic	PASS
4	7236.00	31.73	34.70	2.97	54.00	19.30	AV	Vertic	PASS
5	9648.00	36.24	42.32	6.08	74.00	31.68	PK	Vertic	PASS
6	9648.00	29.19	35.27	6.08	54.00	18.73	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2437MHz by 802.11n(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

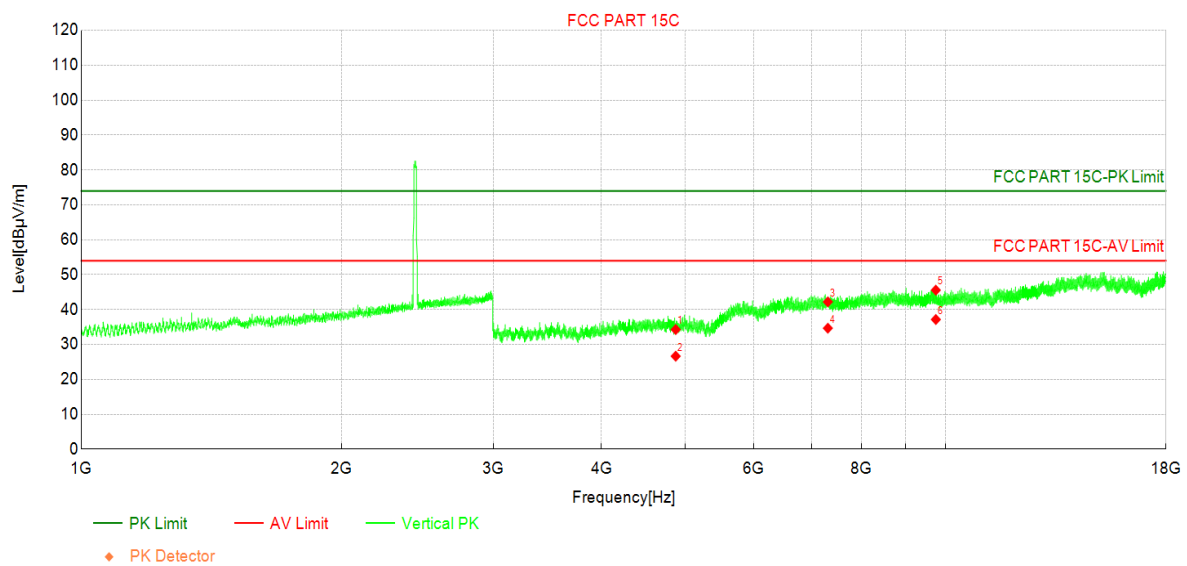
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.35	35.27	-6.08	74.00	38.73	PK	Horizo	PASS
2	4874.00	34.93	28.85	-6.08	54.00	25.15	AV	Horizo	PASS
3	7311.00	39.39	42.26	2.87	74.00	31.74	PK	Horizo	PASS
4	7311.00	33.57	36.44	2.87	54.00	17.56	AV	Horizo	PASS
5	9748.00	36.30	42.46	6.16	74.00	31.54	PK	Horizo	PASS
6	9748.00	29.25	35.41	6.16	54.00	18.59	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2437MHz by 802.11n(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

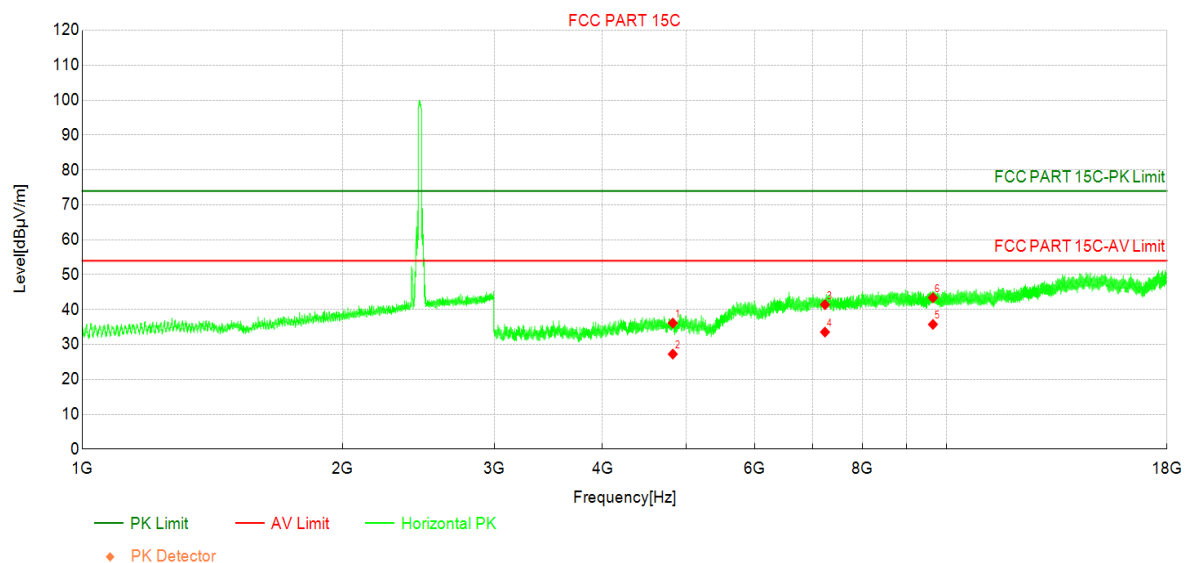
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	40.36	34.28	-6.08	74.00	39.72	PK	Vertic	PASS
2	4874.00	32.71	26.63	-6.08	54.00	27.37	AV	Vertic	PASS
3	7311.00	39.33	42.20	2.87	74.00	31.80	PK	Vertic	PASS
4	7311.00	31.79	34.66	2.87	54.00	19.34	AV	Vertic	PASS
5	9748.00	39.41	45.57	6.16	74.00	28.43	PK	Vertic	PASS
6	9748.00	30.99	37.15	6.16	54.00	16.85	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2462MHz by 802.11n(20MHz)	Voltage:	DC12V
Environment:	Temp: 25℃; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

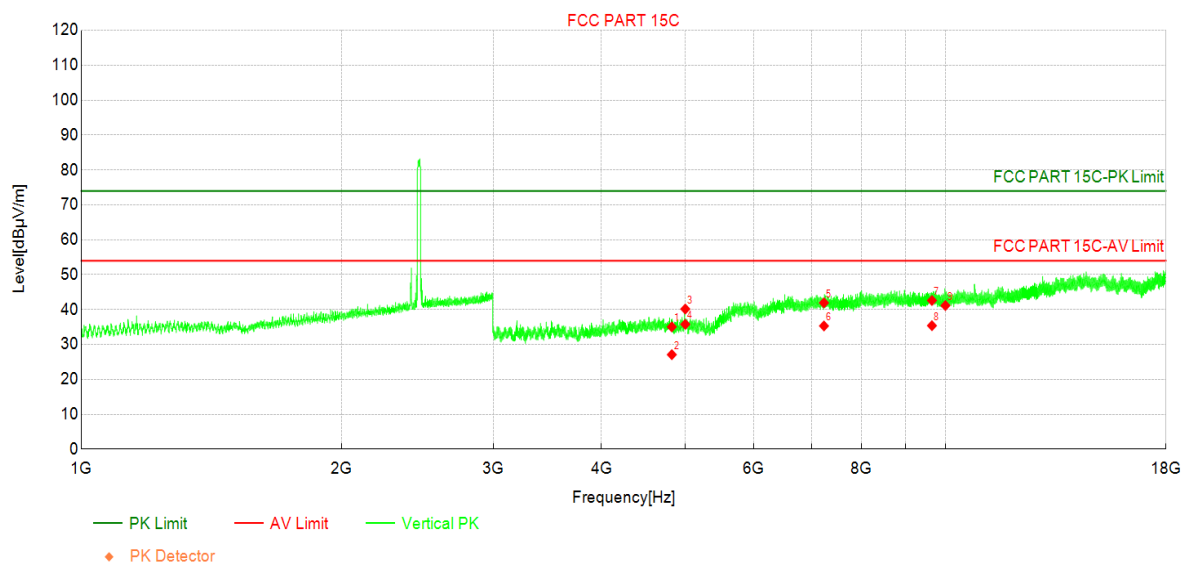
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	42.17	36.13	-6.04	74.00	37.87	PK	Horizo	PASS
2	4824.00	33.27	27.23	-6.04	54.00	26.77	AV	Horizo	PASS
3	7236.00	38.43	41.40	2.97	74.00	32.60	PK	Horizo	PASS
4	7236.00	30.57	33.54	2.97	54.00	20.46	AV	Horizo	PASS
5	9648.00	29.67	35.75	6.08	54.00	18.25	AV	Horizo	PASS
6	9648.00	37.31	43.39	6.08	74.00	30.61	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode3:Transmit at 2462MHz by 802.11n(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

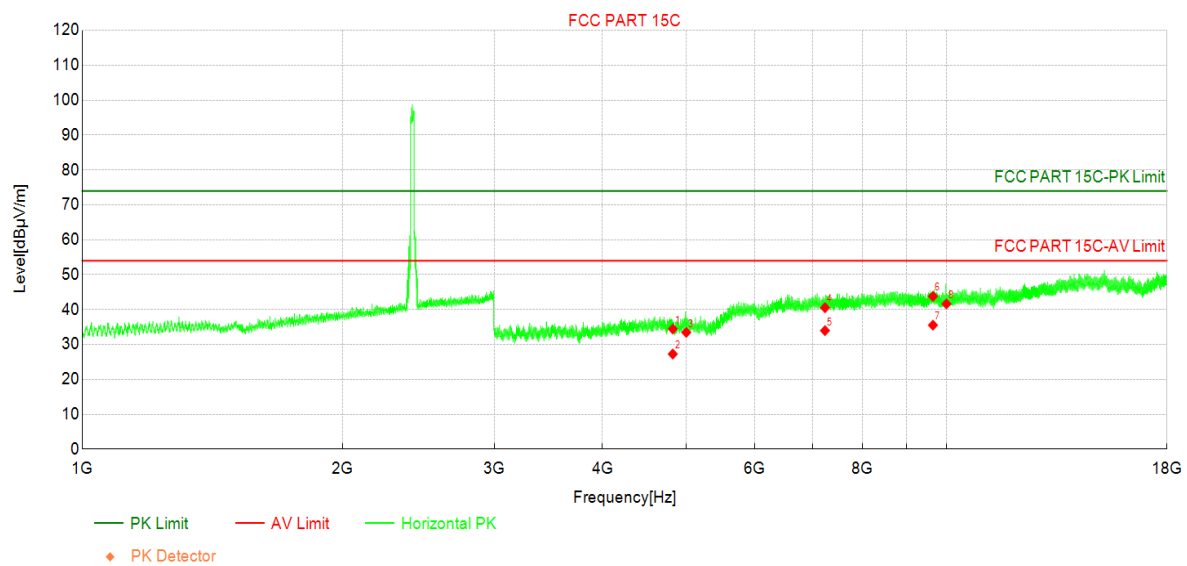
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	41.08	35.04	-6.04	74.00	38.96	PK	Vertic	PASS
2	4824.00	33.12	27.08	-6.04	54.00	26.92	AV	Vertic	PASS
3	5000.25	44.87	40.15	-4.72	74.00	33.85	PK	Vertic	PASS
4	5000.63	40.50	35.78	-4.72	54.00	18.22	AV	Vertic	PASS
5	7236.00	38.96	41.93	2.97	74.00	32.07	PK	Vertic	PASS
6	7236.00	32.34	35.31	2.97	54.00	18.69	AV	Vertic	PASS
7	9648.00	36.52	42.60	6.08	74.00	31.40	PK	Vertic	PASS
8	9648.00	29.30	35.38	6.08	54.00	18.62	AV	Vertic	PASS
9	10000.13	35.25	41.15	5.90	54.00	12.85	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 2412MHz by 802.11ax(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

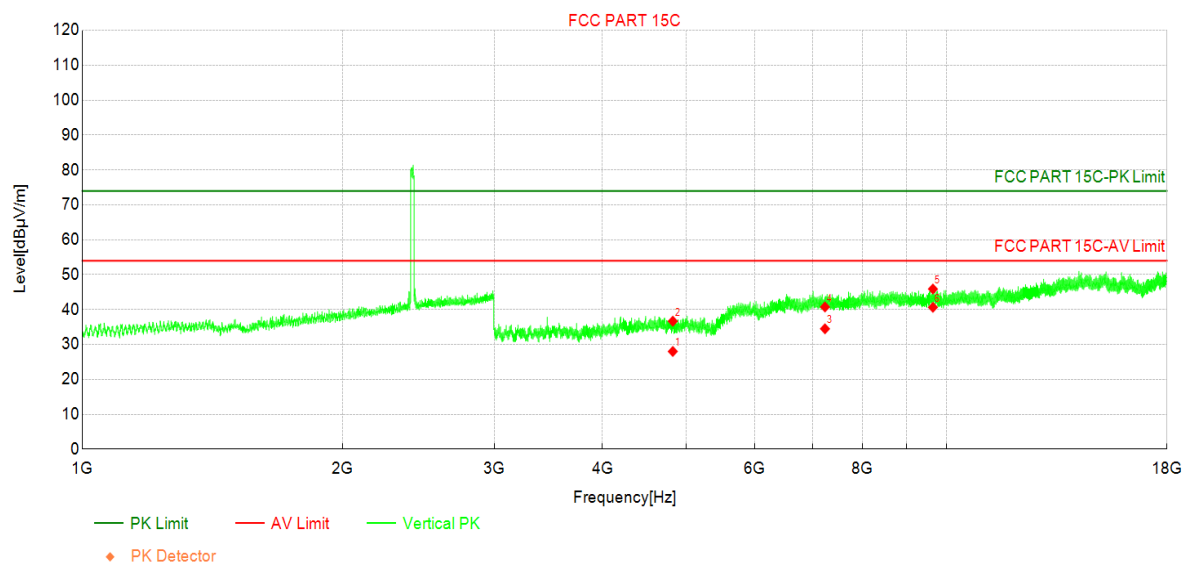
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	40.47	34.43	-6.04	74.00	39.57	PK	Horizo	PASS
2	4824.00	33.29	27.25	-6.04	54.00	26.75	AV	Horizo	PASS
3	5000.25	38.18	33.46	-4.72	54.00	20.54	AV	Horizo	PASS
4	7236.00	37.56	40.53	2.97	74.00	33.47	PK	Horizo	PASS
5	7236.00	31.00	33.97	2.97	54.00	20.03	AV	Horizo	PASS
6	9648.00	37.71	43.79	6.08	74.00	30.21	PK	Horizo	PASS
7	9648.00	29.45	35.53	6.08	54.00	18.47	AV	Horizo	PASS
8	10000.13	35.72	41.62	5.90	54.00	12.38	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 2412MHz by 802.11ax(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

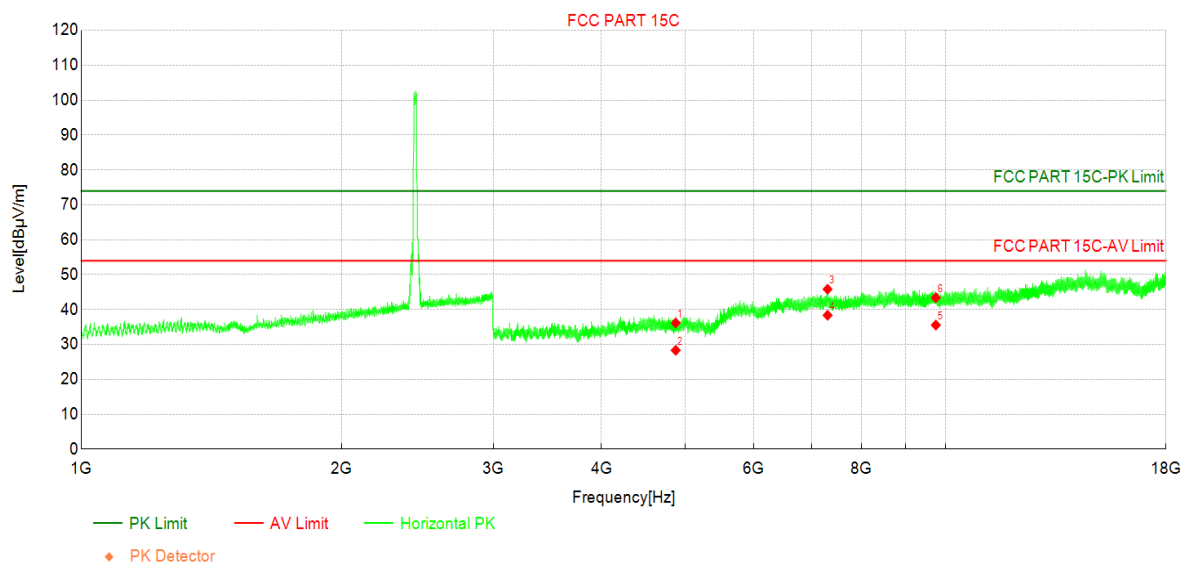
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	34.04	28.00	-6.04	54.00	26.00	AV	Vertic	PASS
2	4824.00	42.71	36.67	-6.04	74.00	37.33	PK	Vertic	PASS
3	7236.00	31.52	34.49	2.97	54.00	19.51	AV	Vertic	PASS
4	7236.00	37.77	40.74	2.97	74.00	33.26	PK	Vertic	PASS
5	9648.00	39.80	45.88	6.08	74.00	28.12	PK	Vertic	PASS
6	9648.38	34.56	40.65	6.09	54.00	13.35	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 2437MHz by 802.11ax(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

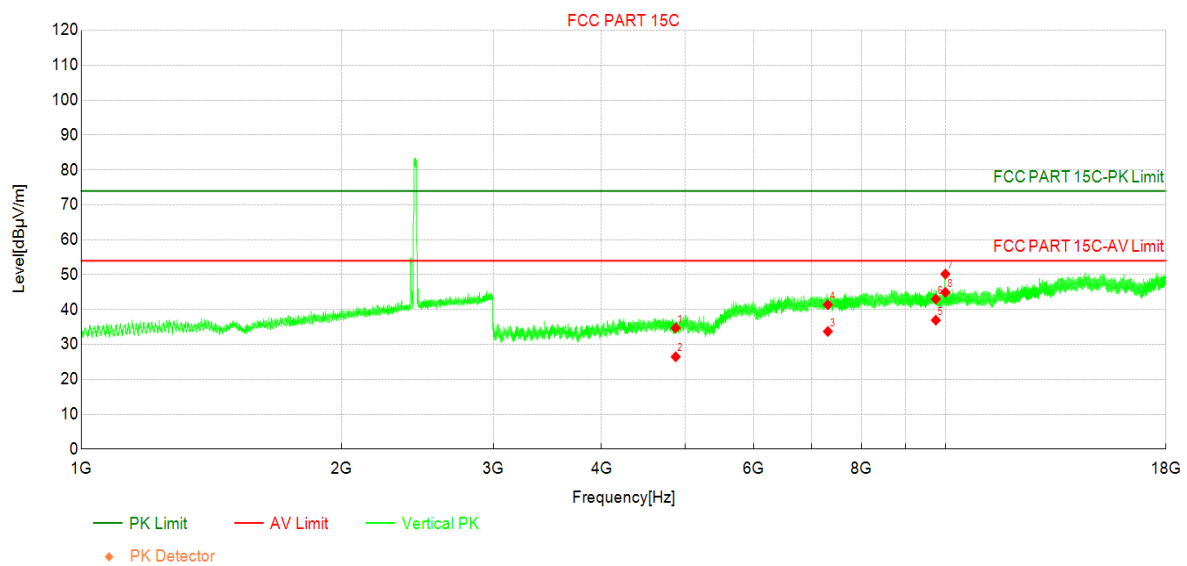
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	42.25	36.17	-6.08	74.00	37.83	PK	Horizo	PASS
2	4874.00	34.42	28.34	-6.08	54.00	25.66	AV	Horizo	PASS
3	7305.75	42.91	45.82	2.91	74.00	28.18	PK	Horizo	PASS
4	7306.13	35.46	38.37	2.91	54.00	15.63	AV	Horizo	PASS
5	9748.00	29.39	35.55	6.16	54.00	18.45	AV	Horizo	PASS
6	9748.00	37.23	43.39	6.16	74.00	30.61	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 2437MHz by 802.11ax(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

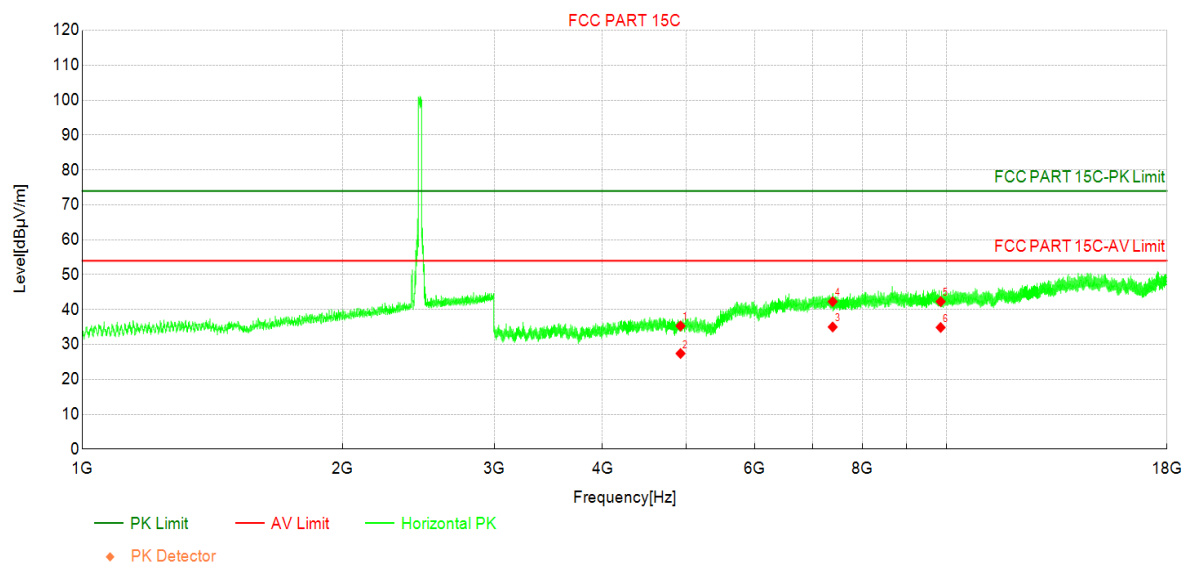
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	40.78	34.70	-6.08	74.00	39.30	PK	Vertic	PASS
2	4874.00	32.54	26.46	-6.08	54.00	27.54	AV	Vertic	PASS
3	7311.00	30.85	33.72	2.87	54.00	20.28	AV	Vertic	PASS
4	7311.00	38.51	41.38	2.87	74.00	32.62	PK	Vertic	PASS
5	9748.00	30.80	36.96	6.16	54.00	17.04	AV	Vertic	PASS
6	9748.00	36.85	43.01	6.16	74.00	30.99	PK	Vertic	PASS
7	9999.38	44.28	50.18	5.90	74.00	23.82	PK	Vertic	PASS
8	9999.75	39.03	44.93	5.90	54.00	9.07	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 2462MHz by 802.11ax(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

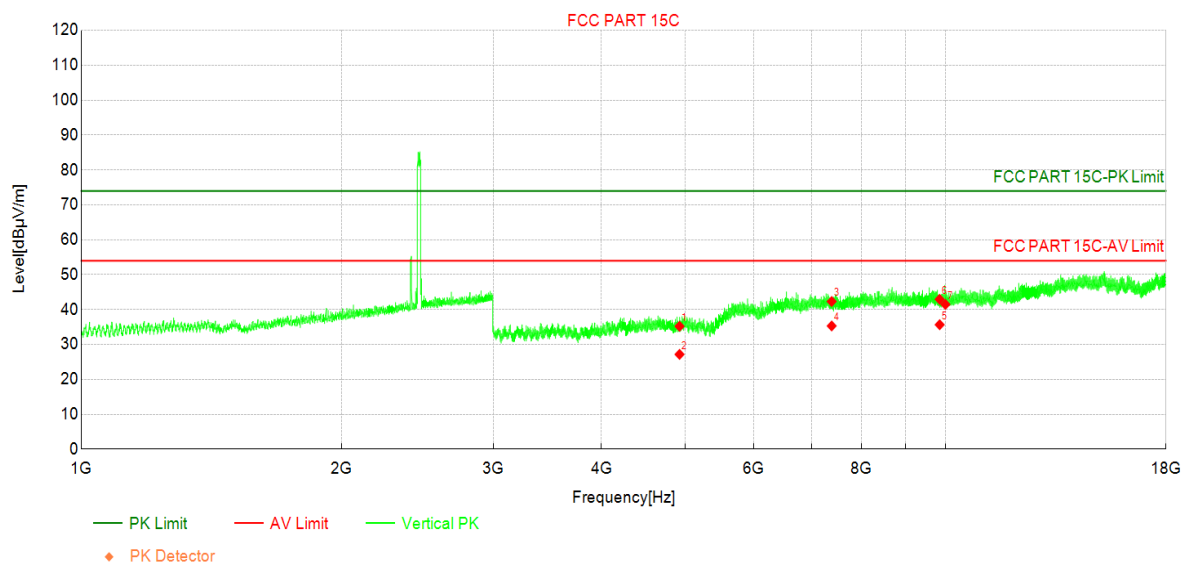
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	41.05	35.29	-5.76	74.00	38.71	PK	Horizo	PASS
2	4924.00	33.16	27.40	-5.76	54.00	26.60	AV	Horizo	PASS
3	7386.00	32.71	35.01	2.30	54.00	18.99	AV	Horizo	PASS
4	7386.00	39.98	42.28	2.30	74.00	31.72	PK	Horizo	PASS
5	9848.00	36.49	42.29	5.80	74.00	31.71	PK	Horizo	PASS
6	9848.00	29.07	34.87	5.80	54.00	19.13	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 2462MHz by 802.11ax(20MHz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph

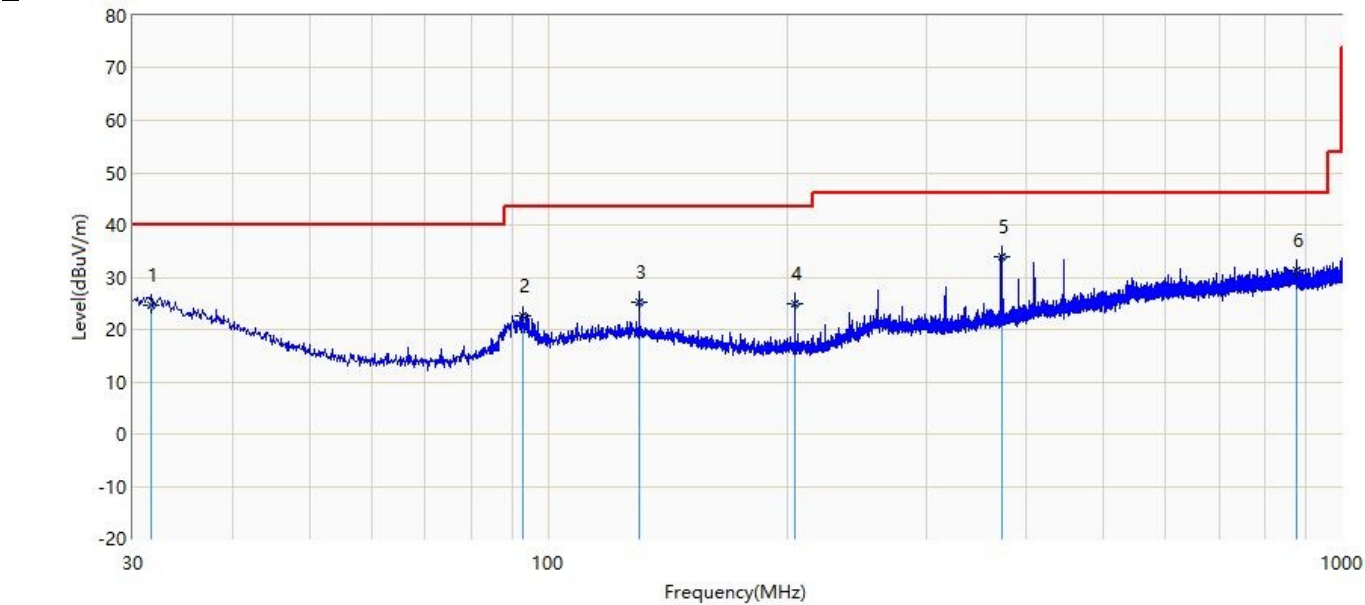


Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	40.96	35.20	-5.76	74.00	38.80	PK	Vertic	PASS
2	4924.00	32.91	27.15	-5.76	54.00	26.85	AV	Vertic	PASS
3	7386.00	40.02	42.32	2.30	74.00	31.68	PK	Vertic	PASS
4	7386.00	33.01	35.31	2.30	54.00	18.69	AV	Vertic	PASS
5	9848.00	29.86	35.66	5.80	54.00	18.34	AV	Vertic	PASS
6	9848.00	37.14	42.94	5.80	74.00	31.06	PK	Vertic	PASS
7	9999.75	35.58	41.48	5.90	54.00	12.52	AV	Vertic	PASS



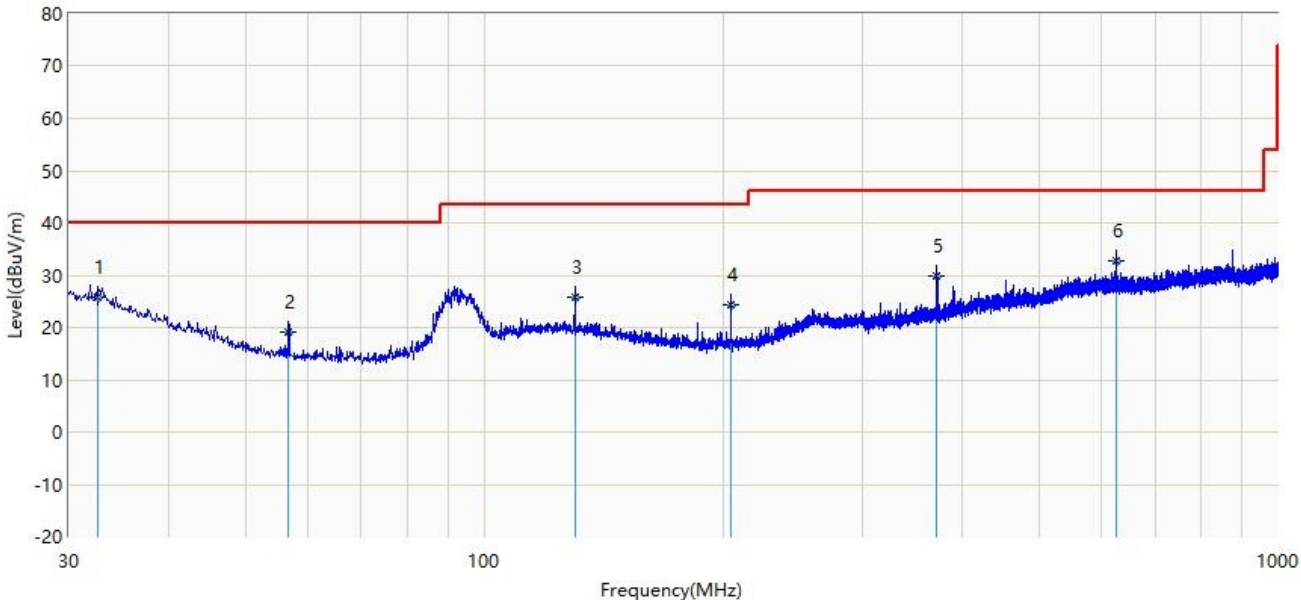
Profile: 2550050R	Page No.: 5
Engineer: Yu Liu	
Site: AC2	Time: 2025/06/22 - 13:45
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Horizontal
EUT: In-vehicle Multimedia Host	Power: 12Vdc
Note: mode 3:Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		31.576	24.620	0.266	-15.380	40.000	24.354	QP
2		92.808	22.480	6.028	-21.020	43.500	16.453	QP
3		130.274	25.154	5.927	-18.346	43.500	19.227	QP
4		204.842	24.824	7.915	-18.676	43.500	16.909	QP
5	*	372.289	33.854	11.246	-12.146	46.000	22.608	QP
6		875.112	31.431	2.286	-14.569	46.000	29.144	QP



Profile: 2550050R	Page No.: 6
Engineer: Yu Liu	
Site: AC2	Time: 2025/06/22 - 13:47
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Vertical
EUT: In-vehicle Multimedia Host	Power: 12Vdc
Note: mode 3:Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		32.667	25.821	1.969	-14.179	40.000	23.852	QP
2		56.675	19.056	5.774	-20.944	40.000	13.282	QP
3		130.152	25.836	6.601	-17.664	43.500	19.235	QP
4		204.600	24.336	7.428	-19.164	43.500	16.908	QP
5		372.046	29.787	7.182	-16.213	46.000	22.605	QP
6	*	624.974	32.698	5.398	-13.302	46.000	27.301	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.

The End