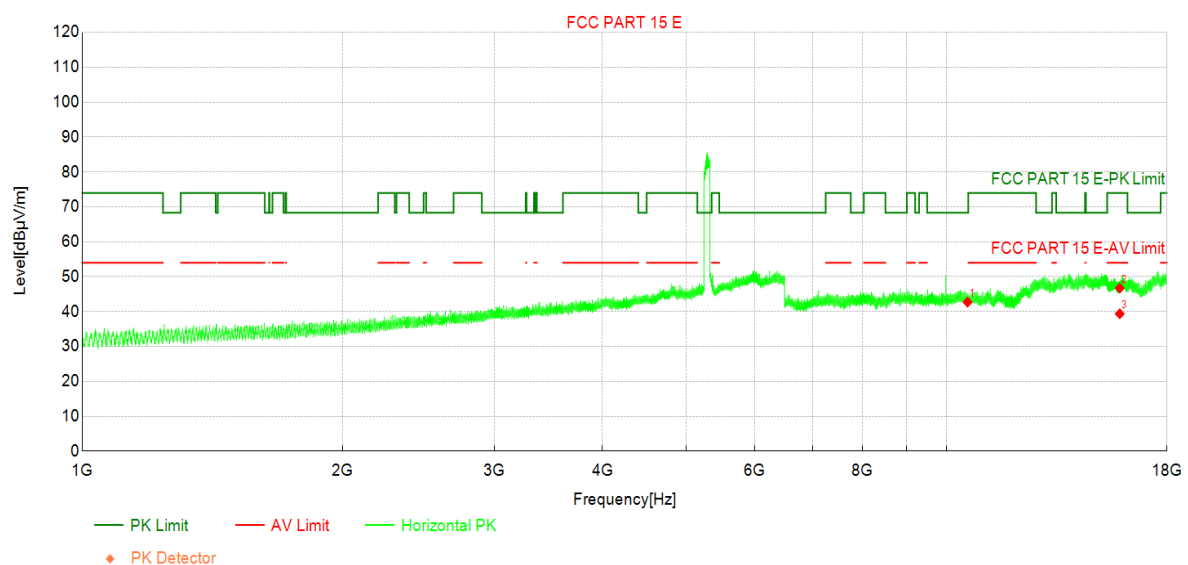


Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 5290MHz by 802.11ax(80Mhz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

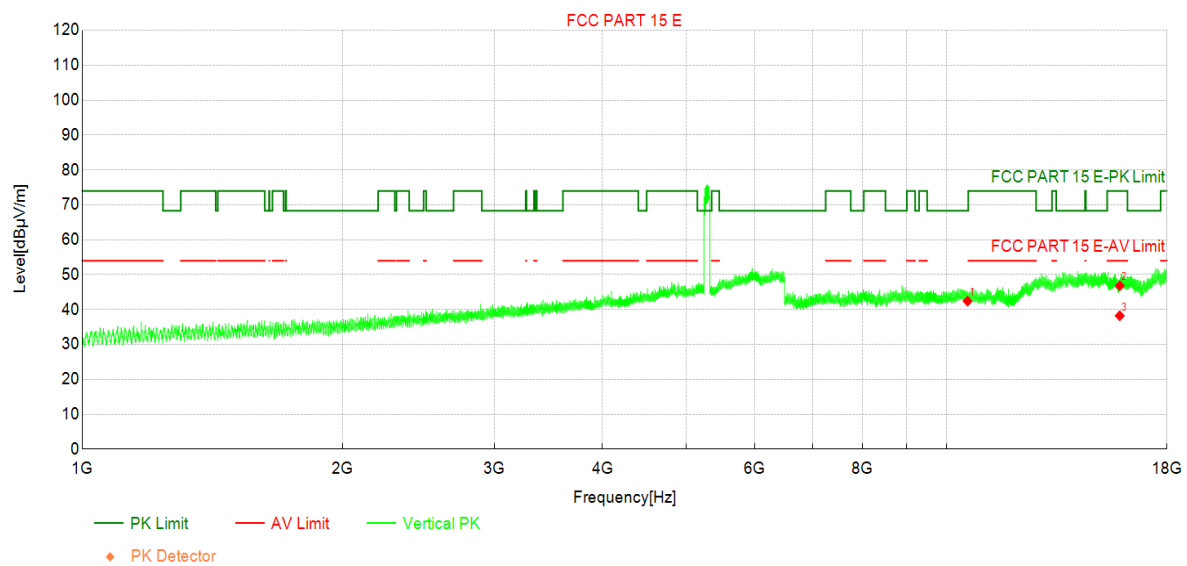
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10580.00	35.94	42.71	6.77	68.30	25.59	PK	Horizo	PASS
2	15870.00	32.63	46.72	14.09	74.00	27.28	PK	Horizo	PASS
3	15870.00	25.27	39.36	14.09	54.00	14.64	AV	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 5290MHz by 802.11ax(80Mhz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

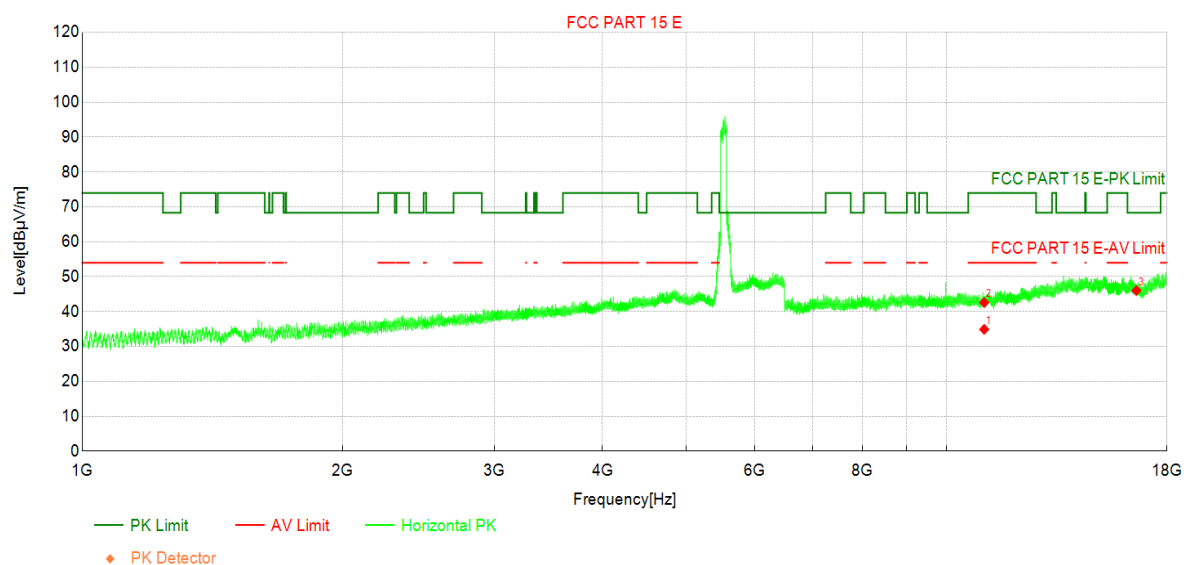
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10580.00	35.64	42.41	6.77	68.30	25.89	PK	Vertic	PASS
2	15870.00	32.72	46.81	14.09	74.00	27.19	PK	Vertic	PASS
3	15870.00	24.13	38.22	14.09	54.00	15.78	AV	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 5530MHz by 802.11ax(80Mhz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

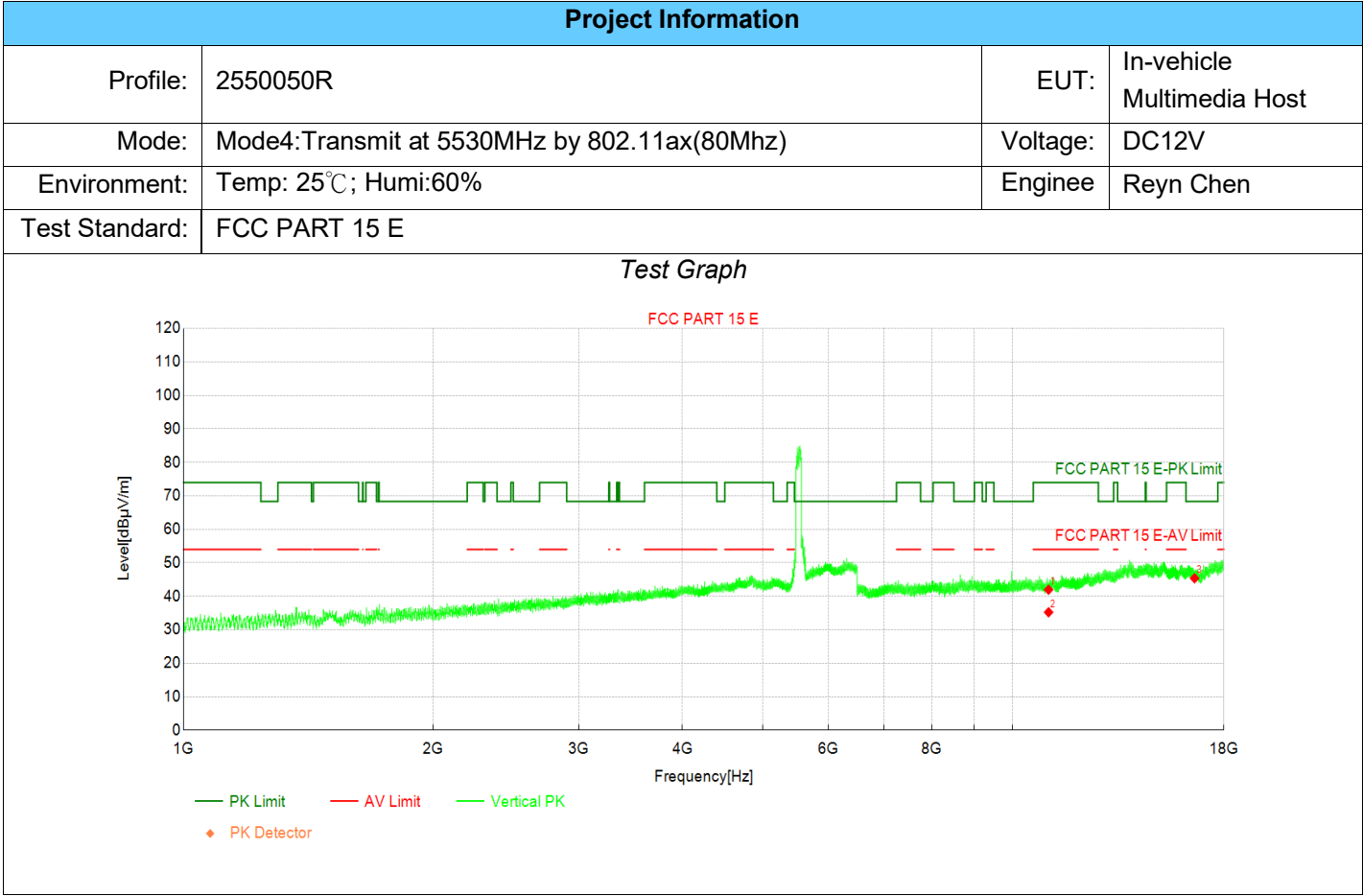
Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11060.00	27.93	34.89	6.96	54.00	19.11	AV	Horizo	PASS
2	11060.00	35.61	42.57	6.96	74.00	31.43	PK	Horizo	PASS
3	16590.00	31.24	46.04	14.80	68.30	22.26	PK	Horizo	PASS

Test Report



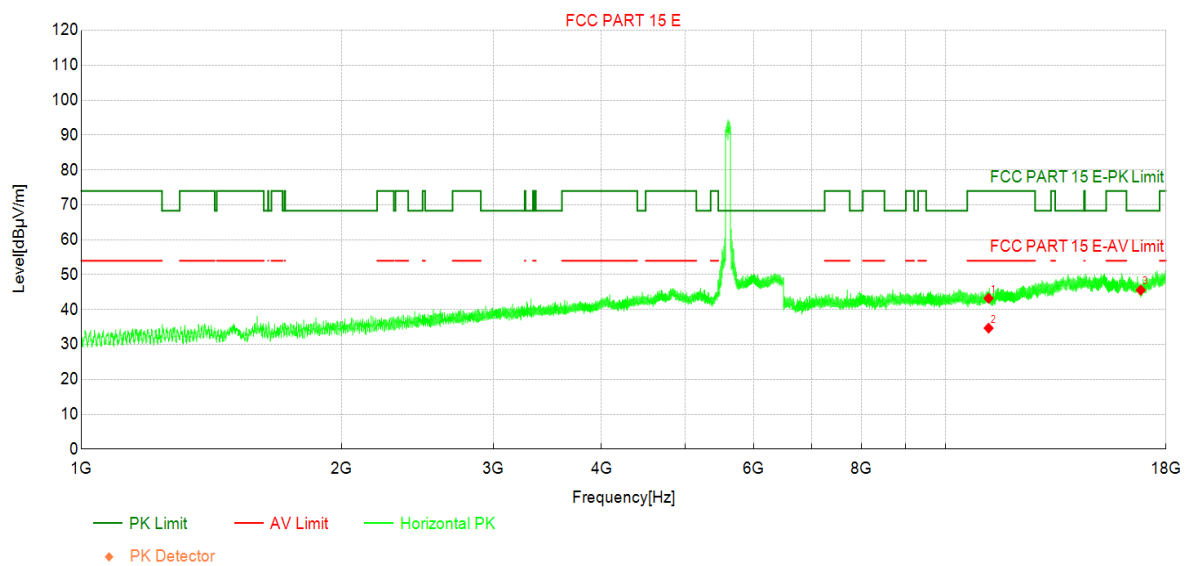
Suspected Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11060.00	35.00	41.96	6.96	74.00	32.04	PK	Vertic	PASS
2	11060.00	28.26	35.22	6.96	54.00	18.78	AV	Vertic	PASS
3	16590.00	30.57	45.37	14.80	68.30	22.93	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 5610MHz by 802.11ax(80Mhz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

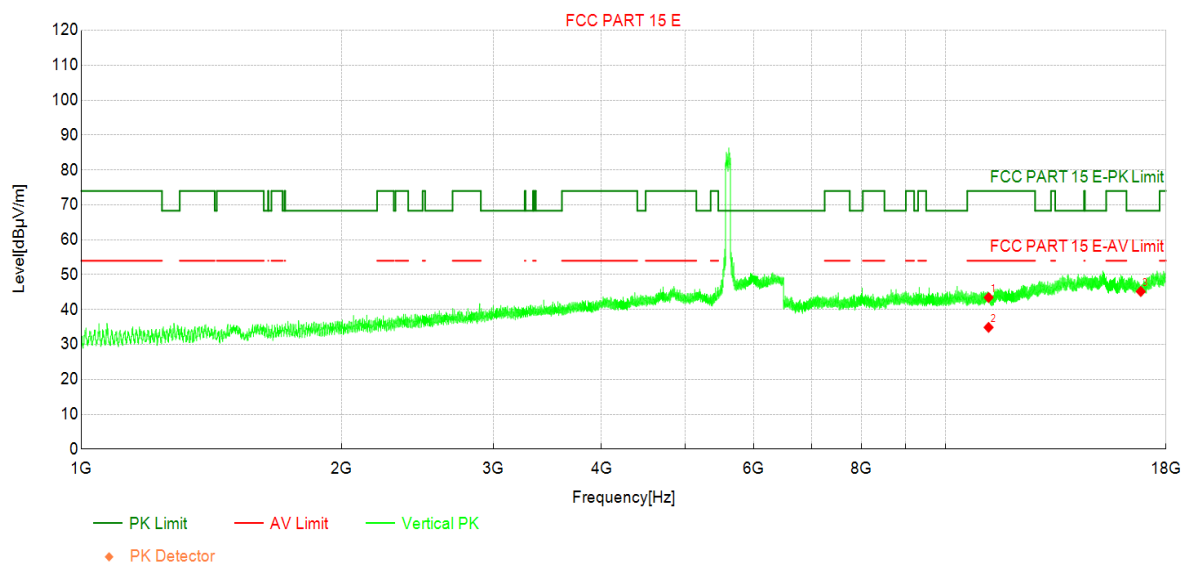
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11220.00	35.49	43.22	7.73	74.00	30.78	PK	Horizo	PASS
2	11220.00	26.95	34.68	7.73	54.00	19.32	AV	Horizo	PASS
3	16830.00	30.65	45.57	14.92	68.30	22.73	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 5610MHz by 802.11ax(80Mhz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

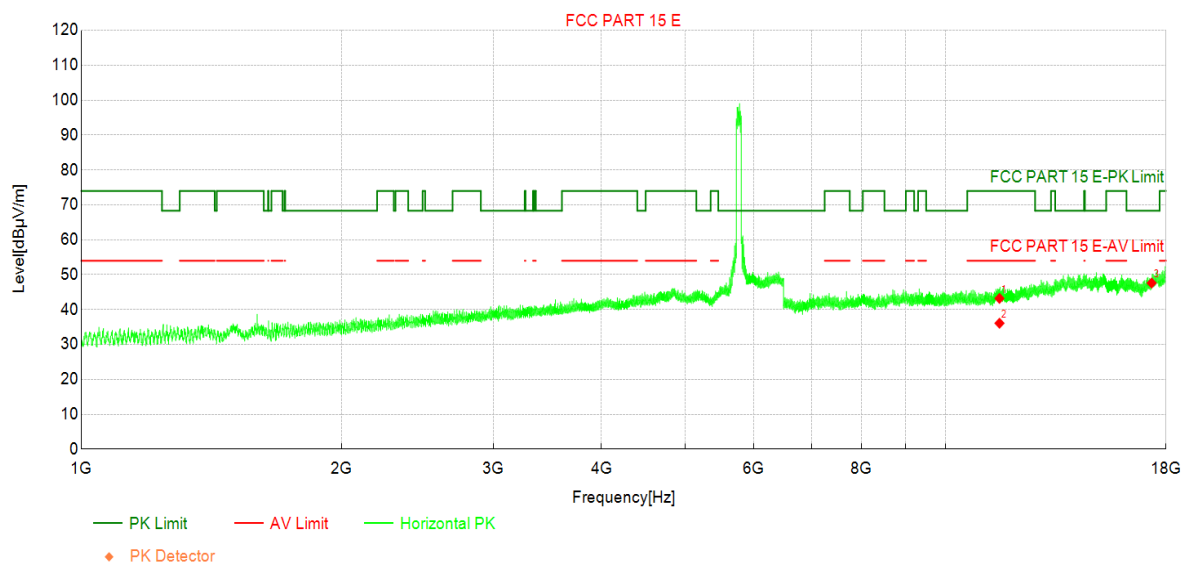
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11220.00	35.73	43.46	7.73	74.00	30.54	PK	Vertic	PASS
2	11220.00	27.16	34.89	7.73	54.00	19.11	AV	Vertic	PASS
3	16830.00	30.24	45.16	14.92	68.30	23.14	PK	Vertic	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 5775MHz by 802.11ax(80Mhz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

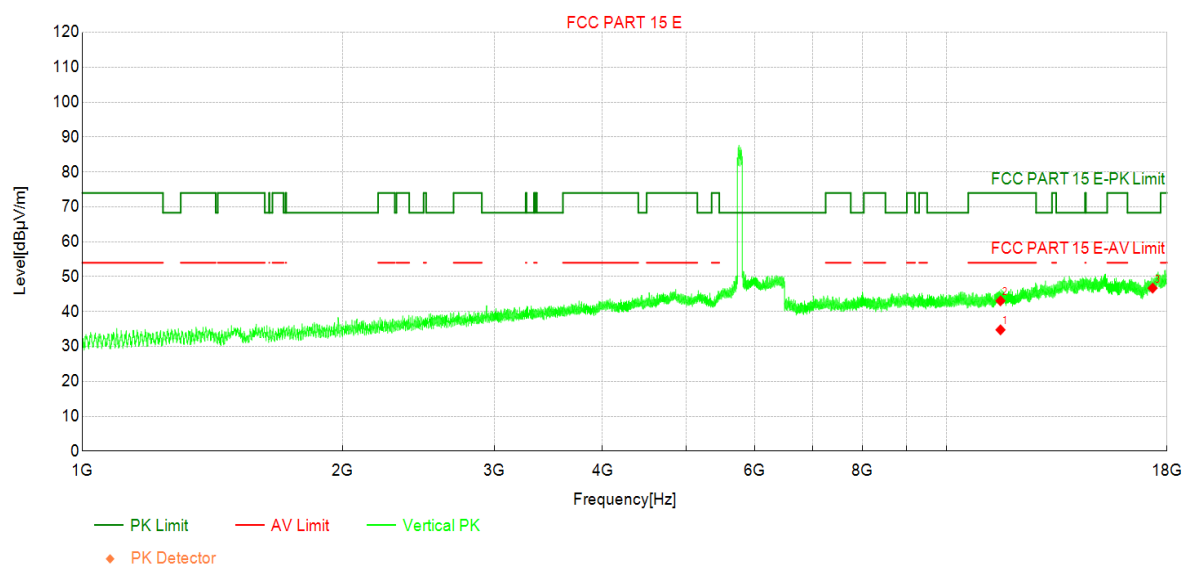
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11550.00	34.59	43.20	8.61	74.00	30.80	PK	Horizo	PASS
2	11550.00	27.48	36.09	8.61	54.00	17.91	AV	Horizo	PASS
3	17325.00	31.73	47.60	15.87	68.30	20.70	PK	Horizo	PASS

Test Report

Project Information

Profile:	2550050R	EUT:	In-vehicle Multimedia Host
Mode:	Mode4:Transmit at 5775MHz by 802.11ax(80Mhz)	Voltage:	DC12V
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

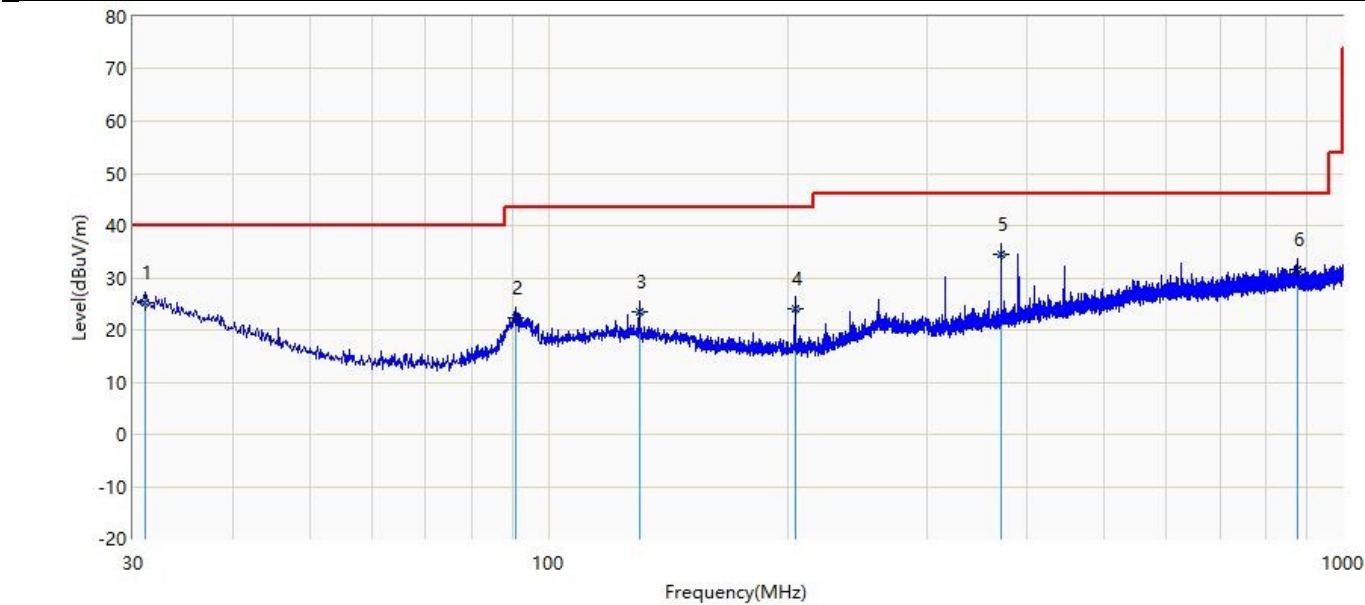
Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11550.00	26.16	34.77	8.61	54.00	19.23	AV	Vertic	PASS
2	11550.00	34.46	43.07	8.61	74.00	30.93	PK	Vertic	PASS
3	17325.00	30.85	46.72	15.87	68.30	21.58	PK	Vertic	PASS

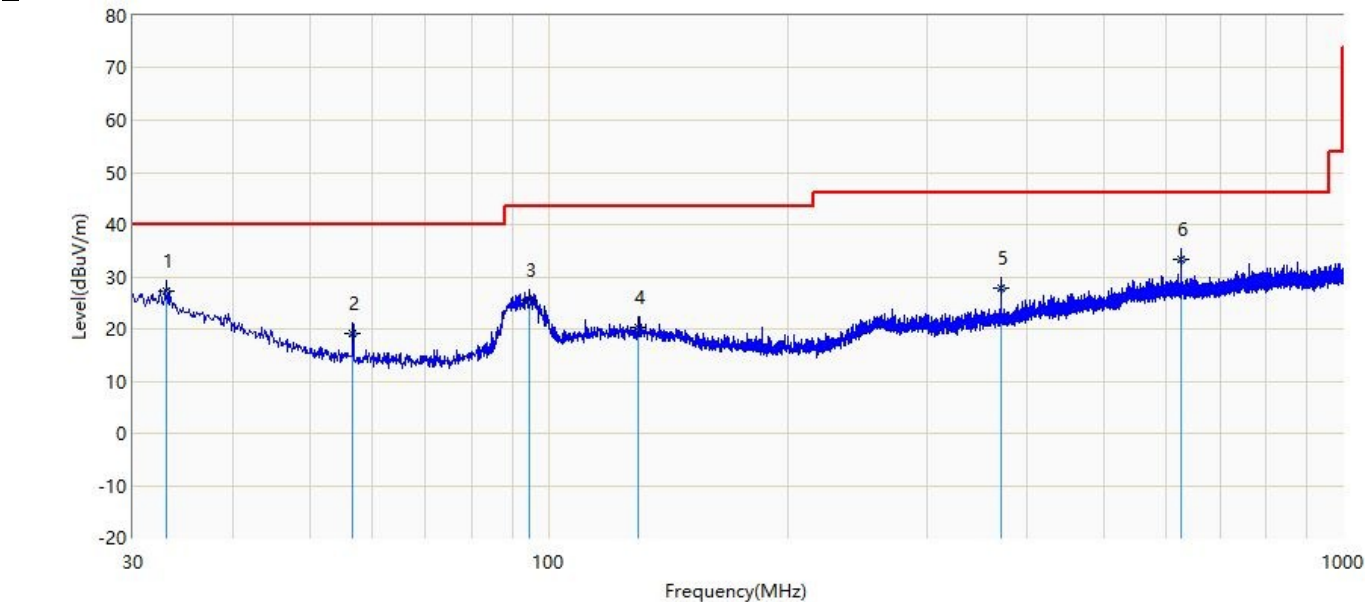
Profile: 2550050R	Page No.: 7
Engineer: Yu Liu	
Site: AC2	Time: 2025/06/22 - 13:50
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Horizontal
EUT: In-vehicle Multimedia Host	Power: 12Vdc
Note: mode 4:Transmit at 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		31.091	25.124	0.562	-14.876	40.000	24.562	QP
2		90.868	22.256	6.088	-21.244	43.500	16.169	QP
3		130.152	23.364	4.129	-20.136	43.500	19.235	QP
4		204.357	24.125	7.218	-19.375	43.500	16.907	QP
5	*	371.682	34.567	11.966	-11.433	46.000	22.602	QP
6		875.112	31.661	2.516	-14.339	46.000	29.144	QP



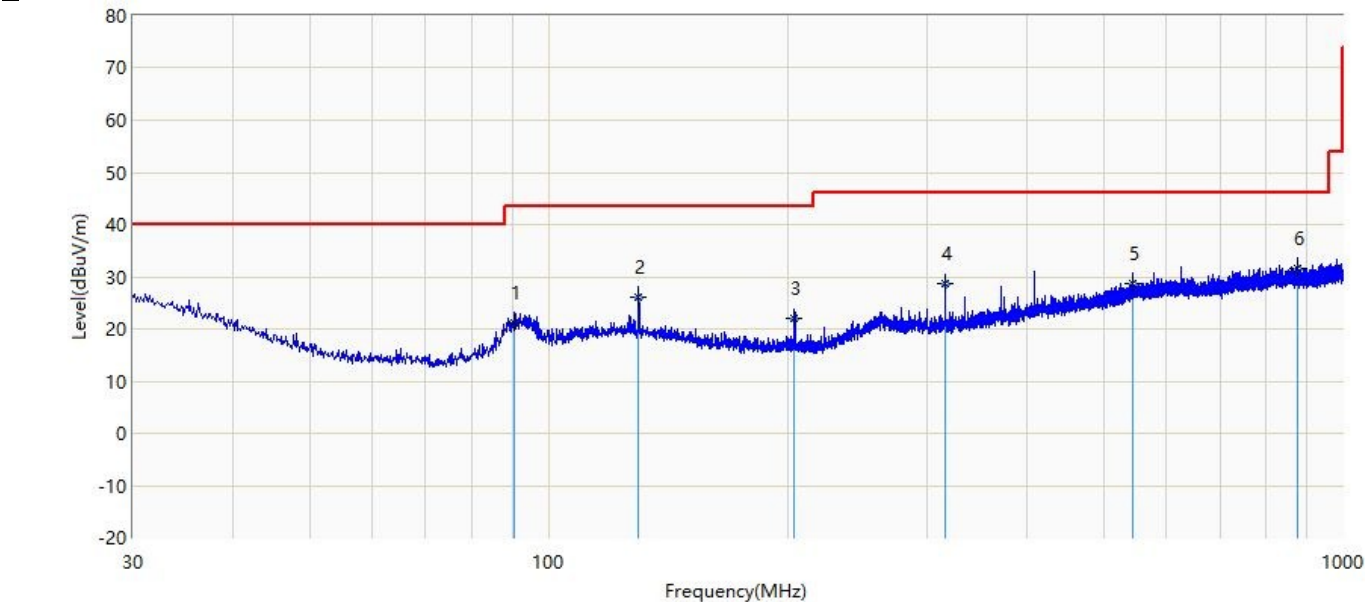
Profile: 2550050R	Page No.: 8
Engineer: Yu Liu	
Site: AC2	Time: 2025/06/22 - 13:52
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Vertical
EUT: In-vehicle Multimedia Host	Power: 12Vdc
Note: mode 4:Transmit at 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		33.031	27.177	3.499	-12.823	40.000	23.678	QP
2		56.675	19.066	5.784	-20.934	40.000	13.282	QP
3		94.505	25.496	8.793	-18.004	43.500	16.703	QP
4		129.910	20.243	0.992	-23.257	43.500	19.251	QP
5		371.319	27.930	5.332	-18.070	46.000	22.598	QP
6	*	624.974	33.457	6.157	-12.543	46.000	27.301	QP

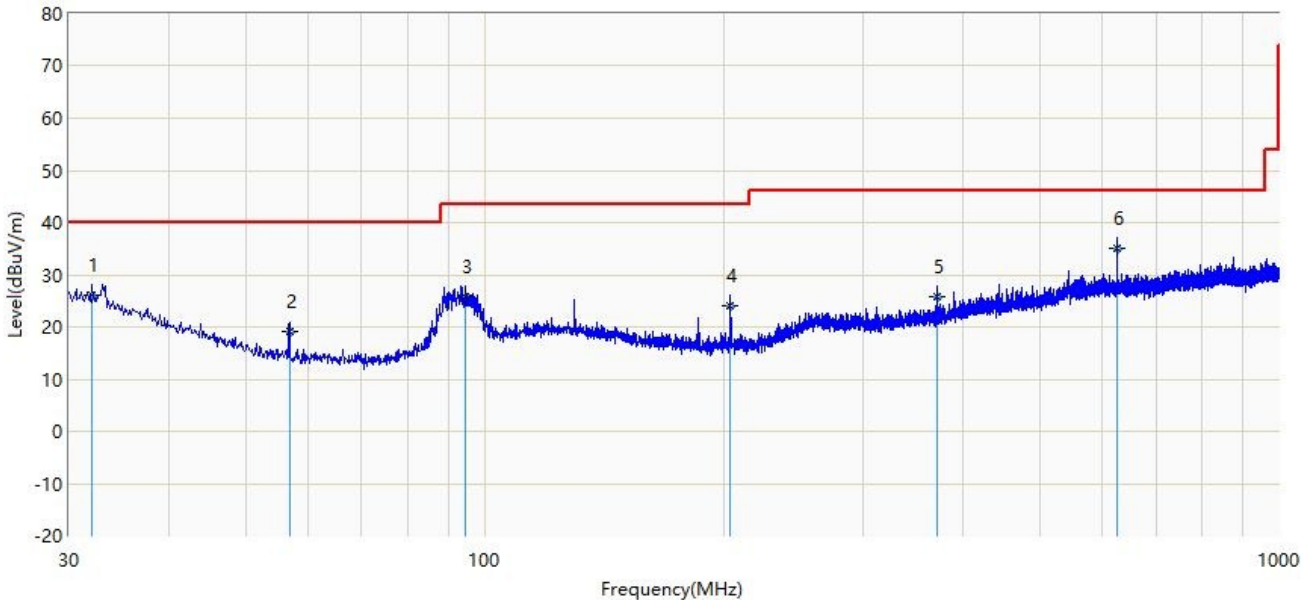


Profile: 2550050R	Page No.: 9
Engineer: Yu Liu	
Site: AC2	Time: 2025/06/22 - 13:55
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Horizontal
EUT: In-vehicle Multimedia Host	Power: 12Vdc
Note: mode 5:Transmit at 5745MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		90.625	21.207	5.074	-22.293	43.500	16.133	QP
2		129.910	26.132	6.881	-17.368	43.500	19.251	QP
3		204.115	21.893	4.987	-21.607	43.500	16.906	QP
4		315.422	28.563	7.402	-17.437	46.000	21.162	QP
5		543.979	28.792	2.020	-17.208	46.000	26.772	QP
6	*	874.991	31.698	2.553	-14.302	46.000	29.145	QP

Profile: 2550050R	Page No.: 10
Engineer: Yu Liu	
Site: AC2	Time: 2025/06/22 - 13:59
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Vertical
EUT: In-vehicle Multimedia Host	Power: 12Vdc
Note: mode 5:Transmit at 5745MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		32.061	26.112	1.972	-13.888	40.000	24.141	QP
2		56.796	18.993	5.723	-21.007	40.000	13.270	QP
3		94.626	25.883	9.163	-17.617	43.500	16.720	QP
4		204.115	24.065	7.159	-19.435	43.500	16.906	QP
5		371.076	25.889	3.294	-20.111	46.000	22.595	QP
6	*	624.974	34.971	7.671	-11.029	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.

Appendix B: Emission bandwidth and occupied bandwidth

Emission Bandwidth

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.920	5169.640	5190.560	---	---
11A	Ant1	5200	20.920	5189.640	5210.560	---	---
11A	Ant1	5240	20.840	5229.680	5250.520	---	---
11A	Ant1	5260	21.040	5249.600	5270.640	---	---
11A	Ant1	5280	20.840	5269.720	5290.560	---	---
11A	Ant1	5320	20.920	5309.680	5330.600	---	---
11A	Ant1	5500	20.880	5489.640	5510.520	---	---
11A	Ant1	5580	20.880	5569.760	5590.640	---	---
11A	Ant1	5700	20.920	5689.600	5710.520	---	---
11A	Ant1	5745	20.880	5734.640	5755.520	---	---
11A	Ant1	5785	20.960	5774.560	5795.520	---	---
11A	Ant1	5825	21.080	5814.480	5835.560	---	---
11N20SISO	Ant1	5180	21.080	5169.560	5190.640	---	---
11N20SISO	Ant1	5200	21.240	5189.560	5210.800	---	---
11N20SISO	Ant1	5240	21.200	5229.400	5250.600	---	---
11N20SISO	Ant1	5260	22.080	5249.400	5271.480	---	---
11N20SISO	Ant1	5280	21.800	5269.480	5291.280	---	---
11N20SISO	Ant1	5320	23.880	5309.360	5333.240	---	---
11N20SISO	Ant1	5500	21.960	5489.080	5511.040	---	---
11N20SISO	Ant1	5580	21.080	5569.480	5590.560	---	---
11N20SISO	Ant1	5700	21.280	5689.400	5710.680	---	---
11N20SISO	Ant1	5745	21.480	5734.320	5755.800	---	---
11N20SISO	Ant1	5785	21.200	5774.360	5795.560	---	---
11N20SISO	Ant1	5825	21.120	5814.440	5835.560	---	---
11N40SISO	Ant1	5190	40.400	5170.320	5210.720	---	---
11N40SISO	Ant1	5230	41.280	5210.080	5251.360	---	---
11N40SISO	Ant1	5270	41.040	5250.240	5291.280	---	---
11N40SISO	Ant1	5310	80.000	5270.000	5350.000	---	---
11N40SISO	Ant1	5510	40.800	5490.320	5531.120	---	---
11N40SISO	Ant1	5550	40.960	5530.320	5571.280	---	---
11N40SISO	Ant1	5670	40.960	5650.320	5691.280	---	---
11N40SISO	Ant1	5755	40.480	5735.240	5775.720	---	---
11N40SISO	Ant1	5795	40.960	5775.320	5816.280	---	---
11AC20SISO	Ant1	5180	21.480	5169.200	5190.680	---	---
11AC20SISO	Ant1	5200	21.560	5189.240	5210.800	---	---
11AC20SISO	Ant1	5240	21.440	5229.400	5250.840	---	---
11AC20SISO	Ant1	5260	23.640	5249.160	5272.800	---	---
11AC20SISO	Ant1	5280	25.160	5269.080	5294.240	---	---
11AC20SISO	Ant1	5320	25.680	5308.920	5334.600	---	---
11AC20SISO	Ant1	5500	21.600	5489.200	5510.800	---	---
11AC20SISO	Ant1	5580	21.560	5569.200	5590.760	---	---
11AC20SISO	Ant1	5700	21.600	5689.120	5710.720	---	---
11AC20SISO	Ant1	5745	21.480	5734.400	5755.880	---	---
11AC20SISO	Ant1	5785	21.600	5774.320	5795.920	---	---
11AC20SISO	Ant1	5825	21.720	5814.200	5835.920	---	---

11AC40SISO	Ant1	5190	40.400	5169.680	5210.080	---	---
11AC40SISO	Ant1	5230	41.280	5210.000	5251.280	---	---
11AC40SISO	Ant1	5270	50.000	5250.000	5300.000	---	---
11AC40SISO	Ant1	5310	50.320	5289.120	5339.440	---	---
11AC40SISO	Ant1	5510	45.920	5489.920	5535.840	---	---
11AC40SISO	Ant1	5550	40.640	5530.240	5570.880	---	---
11AC40SISO	Ant1	5670	41.440	5650.000	5691.440	---	---
11AC40SISO	Ant1	5755	41.360	5735.160	5776.520	---	---
11AC40SISO	Ant1	5795	41.120	5774.600	5815.720	---	---
11AC80SISO	Ant1	5210	81.600	5169.680	5251.280	---	---
11AC80SISO	Ant1	5290	81.760	5249.360	5331.120	---	---
11AC80SISO	Ant1	5530	81.600	5489.040	5570.640	---	---
11AC80SISO	Ant1	5610	81.280	5569.360	5650.640	---	---
11AC80SISO	Ant1	5775	80.960	5734.680	5815.640	---	---
11AX20SISO	Ant1	5180	21.440	5169.320	5190.760	---	---
11AX20SISO	Ant1	5200	21.200	5189.360	5210.560	---	---
11AX20SISO	Ant1	5240	21.520	5229.280	5250.800	---	---
11AX20SISO	Ant1	5260	21.520	5249.400	5270.920	---	---
11AX20SISO	Ant1	5280	21.360	5269.360	5290.720	---	---
11AX20SISO	Ant1	5320	23.720	5309.200	5332.920	---	---
11AX20SISO	Ant1	5500	21.840	5489.320	5511.160	---	---
11AX20SISO	Ant1	5580	21.640	5569.360	5591.000	---	---
11AX20SISO	Ant1	5700	20.840	5689.600	5710.440	---	---
11AX20SISO	Ant1	5745	21.440	5734.240	5755.680	---	---
11AX20SISO	Ant1	5785	21.360	5774.360	5795.720	---	---
11AX20SISO	Ant1	5825	21.320	5814.440	5835.760	---	---
11AX40SISO	Ant1	5190	40.240	5170.240	5210.480	---	---
11AX40SISO	Ant1	5230	40.640	5210.000	5250.640	---	---
11AX40SISO	Ant1	5270	51.200	5250.160	5301.360	---	---
11AX40SISO	Ant1	5310	51.120	5290.160	5341.280	---	---
11AX40SISO	Ant1	5510	49.200	5486.480	5535.680	---	---
11AX40SISO	Ant1	5550	45.440	5527.440	5572.880	---	---
11AX40SISO	Ant1	5670	46.000	5646.480	5692.480	---	---
11AX40SISO	Ant1	5755	40.240	5735.080	5775.320	---	---
11AX40SISO	Ant1	5795	40.240	5775.080	5815.320	---	---
11AX80SISO	Ant1	5210	80.960	5170.000	5250.960	---	---
11AX80SISO	Ant1	5290	160.000	5210.000	5370.000	---	---
11AX80SISO	Ant1	5530	80.960	5489.680	5570.640	---	---
11AX80SISO	Ant1	5610	80.960	5569.680	5650.640	---	---
11AX80SISO	Ant1	5775	81.120	5734.520	5815.640	---	---

Test Graphs





11A-Ant1-5240



11A-Ant1-5260



11A-Ant1-5280



11A-Ant1-5320





11A-Ant1-5700



11A-Ant1-5745







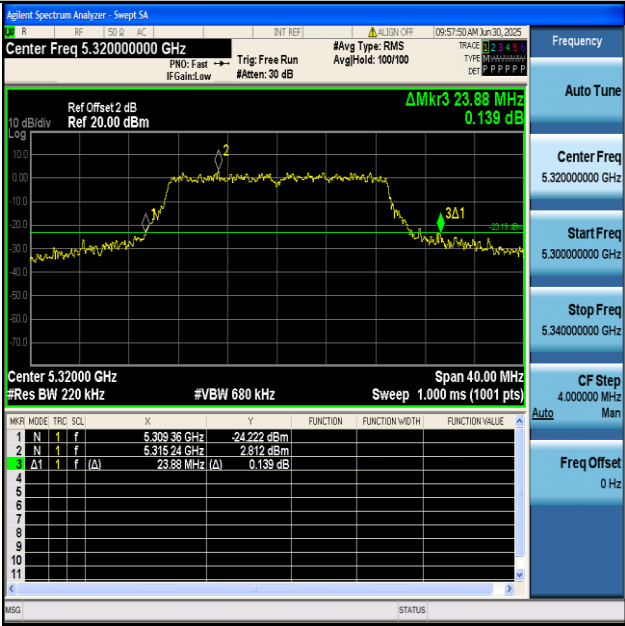
11N20SISO-Ant1-5240



11N20SISO-Ant1-5260



11N20SISO-Ant1-5280

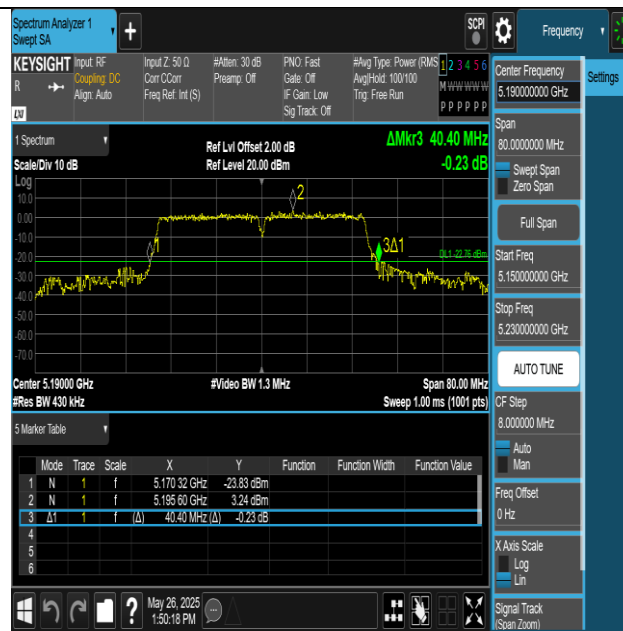


11N20SISO-Ant1-5320

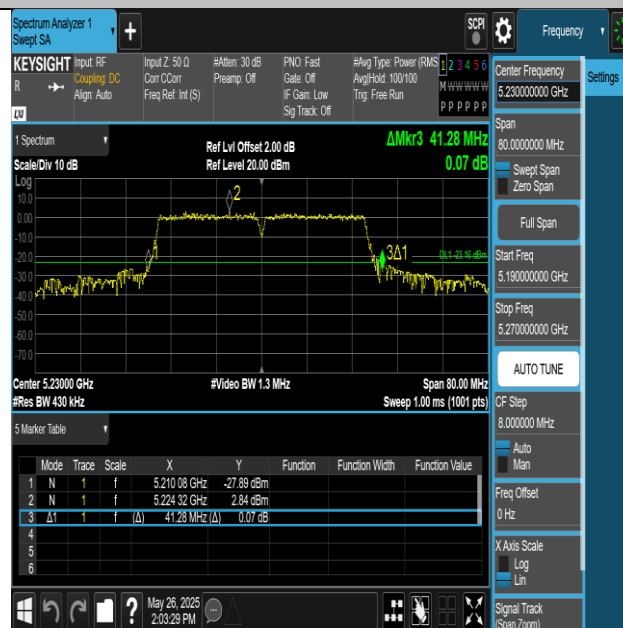








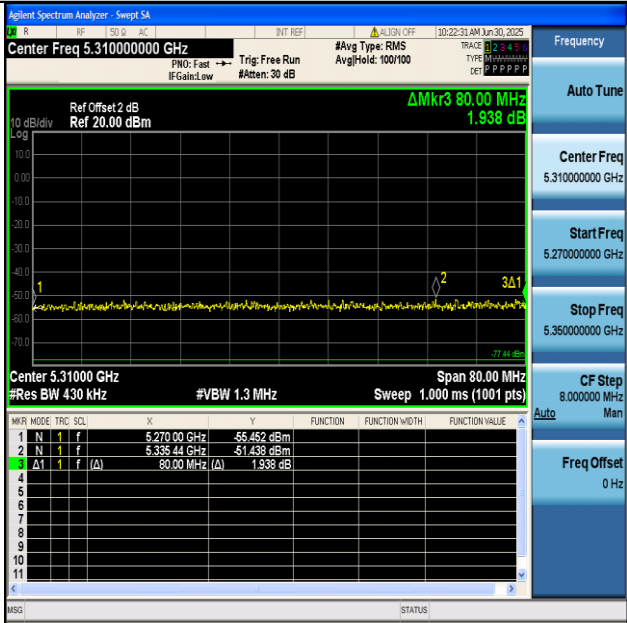
11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



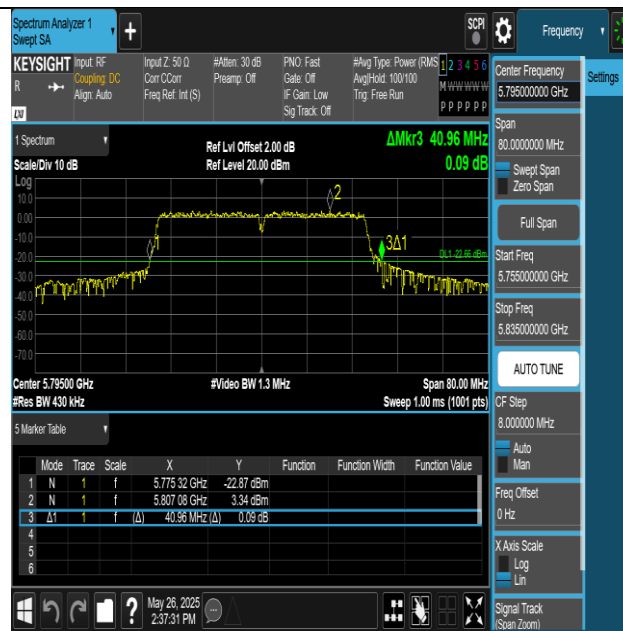
11N40SISO-Ant1-5270



11N40SISO-Ant1-5310





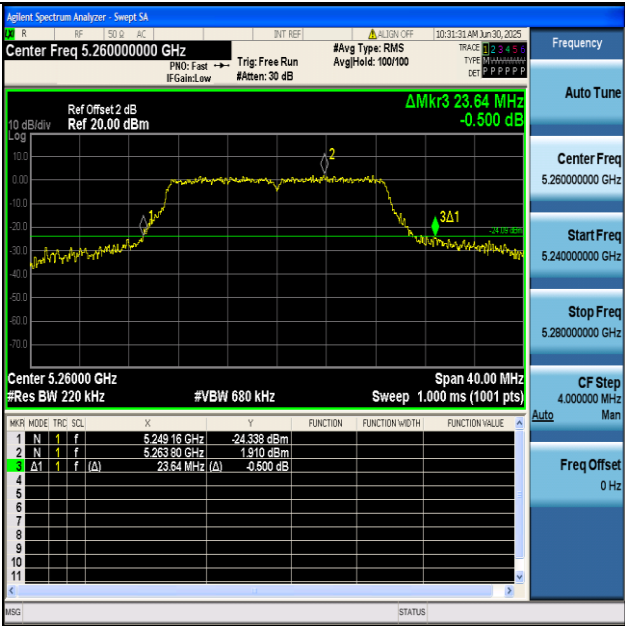


11N40SISO-Ant1-5795



11AC20SISO-Ant1-5180





11AC20SISO-Ant1-5260



11AC20SISO-Ant1-5280









11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5190