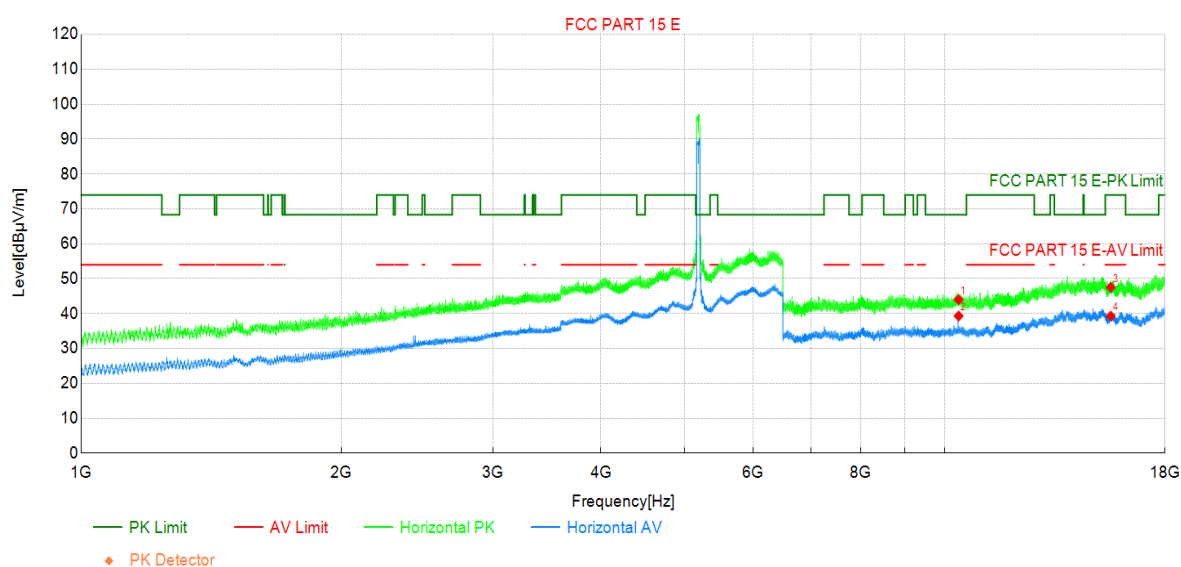


Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5190MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

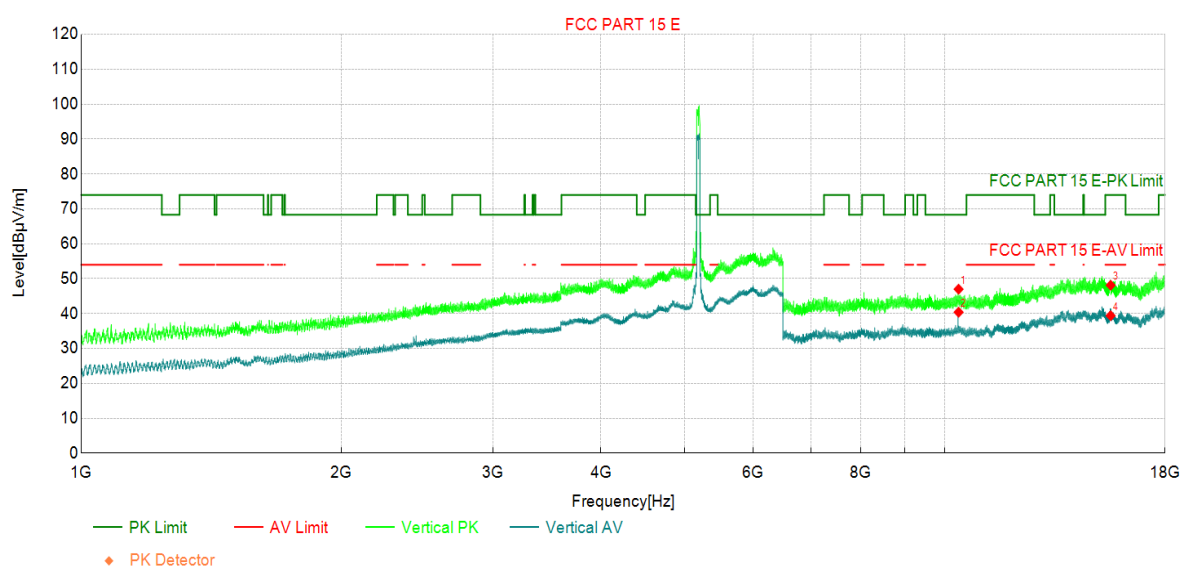
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10380.00	37.42	43.99	6.57	68.30	24.31	PK	Horizo	PASS
2	10380.00	32.72	39.29	6.57	-	-	AV	Horizo	NA
3	15570.00	33.81	47.50	13.69	74.00	26.50	PK	Horizo	PASS
4	15570.00	25.59	39.28	13.69	54.00	14.72	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5190MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

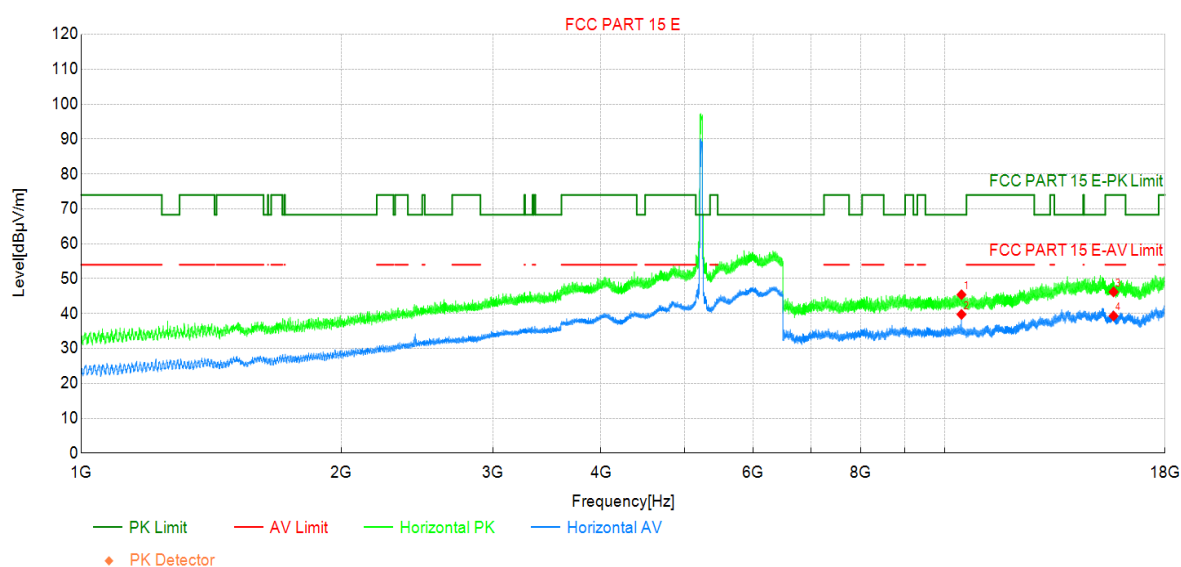
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10380.00	40.41	46.98	6.57	68.30	21.32	PK	Vertic	PASS
2	10380.00	33.82	40.39	6.57	-	-	AV	Vertic	NA
3	15570.00	34.42	48.11	13.69	74.00	25.89	PK	Vertic	PASS
4	15570.00	25.71	39.40	13.69	54.00	14.60	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5230MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

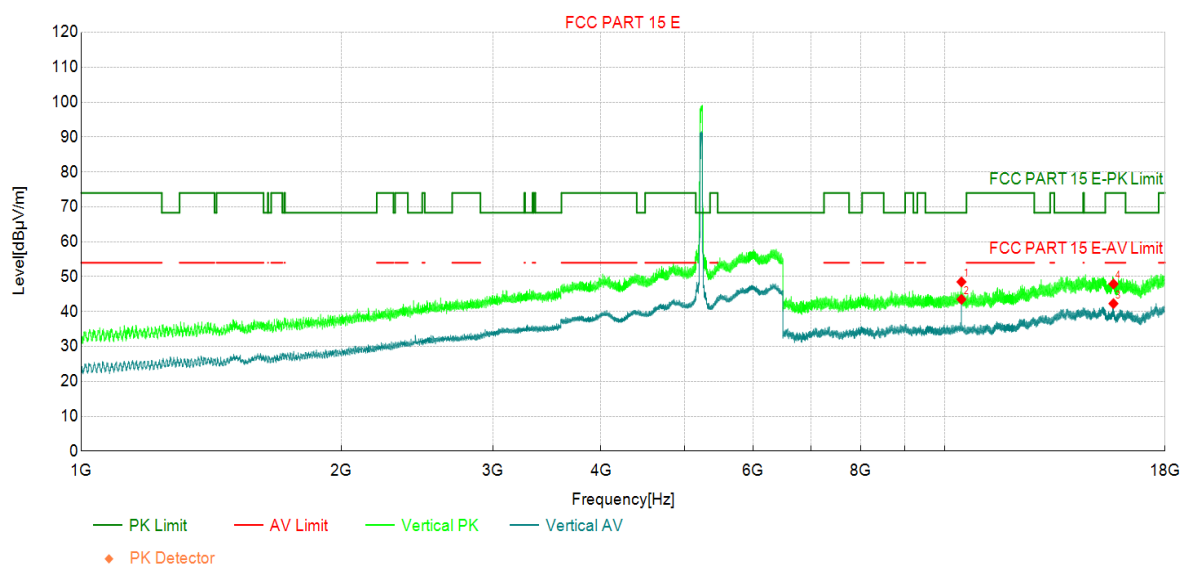
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10460.00	38.74	45.41	6.67	68.30	22.89	PK	Horizo	PASS
2	10460.00	33.09	39.76	6.67	-	-	AV	Horizo	NA
3	15690.00	31.80	46.21	14.41	74.00	27.79	PK	Horizo	PASS
4	15690.00	24.90	39.31	14.41	54.00	14.69	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5230MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

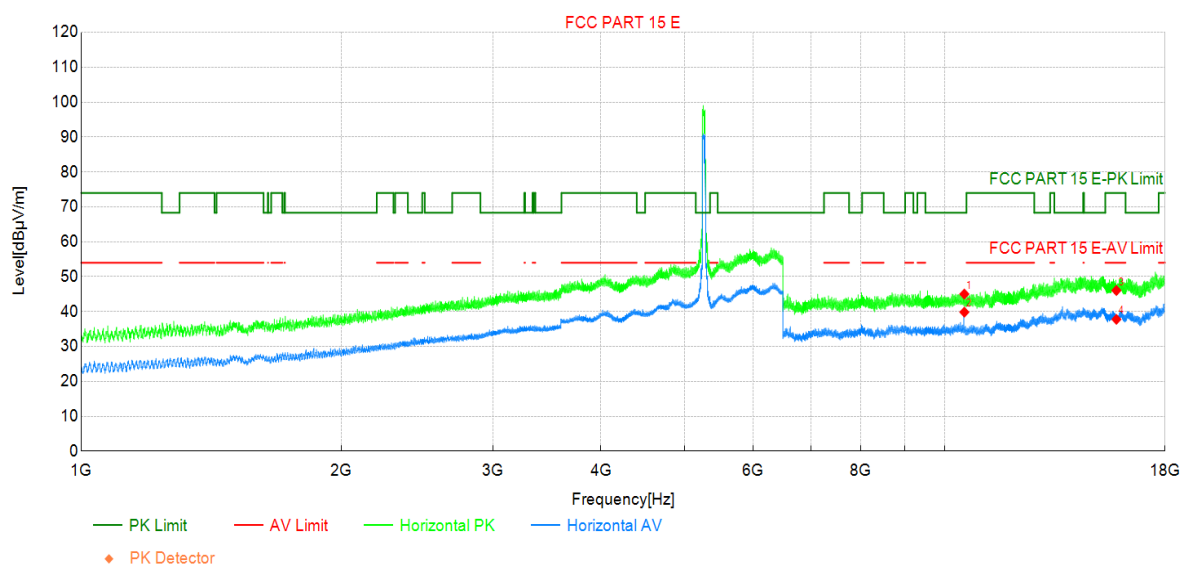
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10459.83	41.83	48.50	6.67	68.30	19.80	PK	Vertic	PASS
2	10460.00	36.81	43.48	6.67	-	-	AV	Vertic	NA
3	15686.10	27.91	42.27	14.36	54.00	11.73	AV	Vertic	PASS
4	15690.00	33.50	47.91	14.41	74.00	26.09	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5270MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

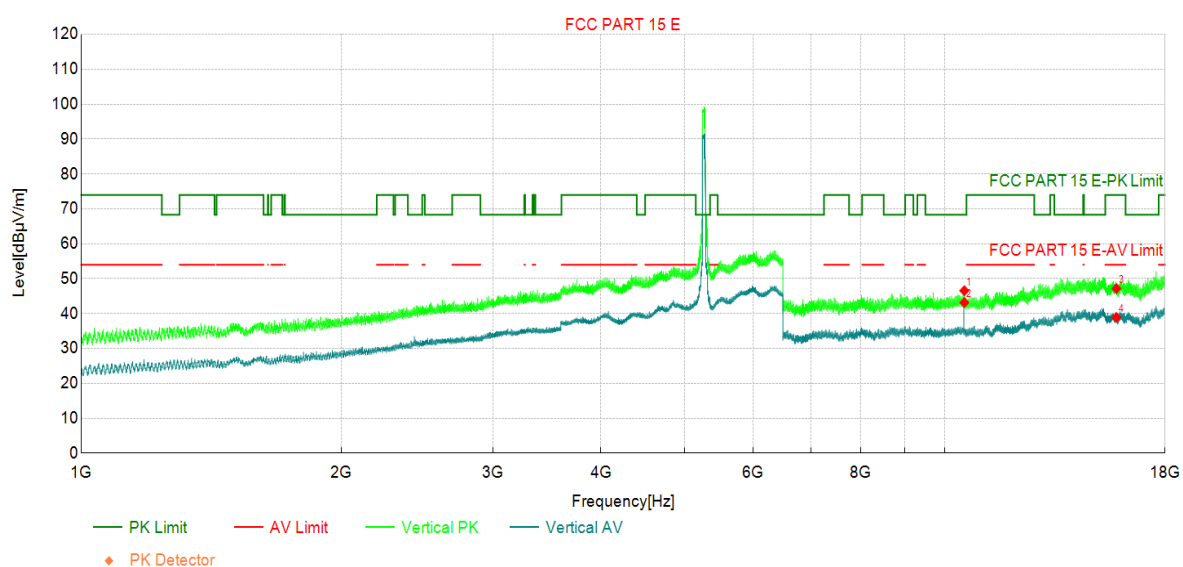
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10540.00	38.25	45.01	6.76	68.30	23.29	PK	Horizo	PASS
2	10540.00	33.07	39.83	6.76	-	-	AV	Horizo	NA
3	15810.00	32.04	46.05	14.01	74.00	27.95	PK	Horizo	PASS
4	15810.00	23.75	37.76	14.01	54.00	16.24	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5270MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

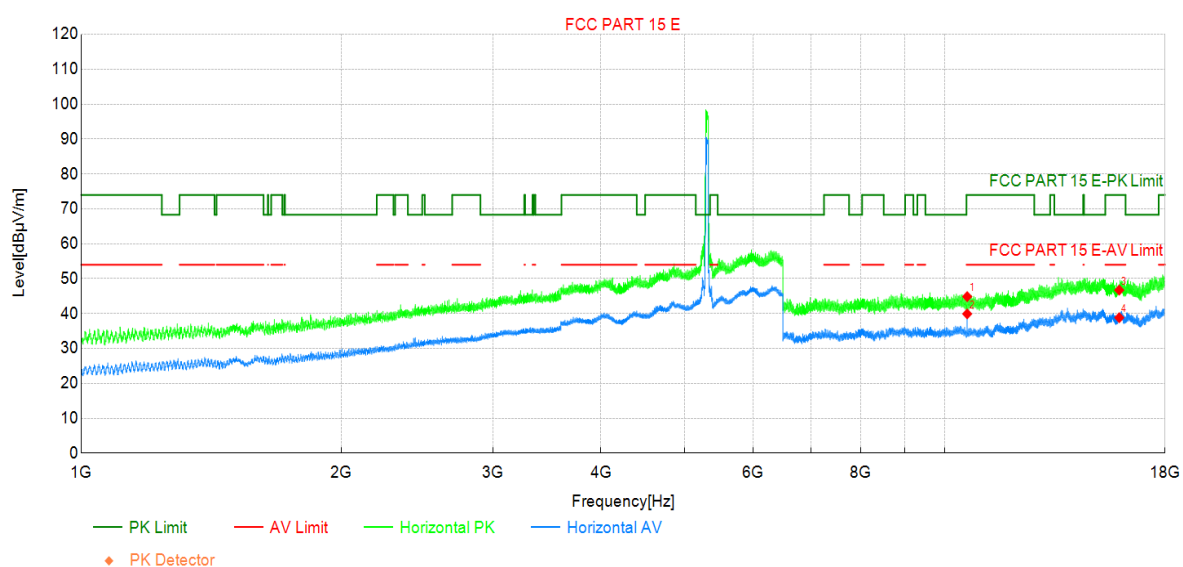
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10540.00	39.79	46.55	6.76	68.30	21.75	PK	Vertic	PASS
2	10540.00	36.39	43.15	6.76	-	-	AV	Vertic	NA
3	15810.00	33.17	47.18	14.01	74.00	26.82	PK	Vertic	PASS
4	15810.00	24.88	38.89	14.01	54.00	15.11	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5310MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

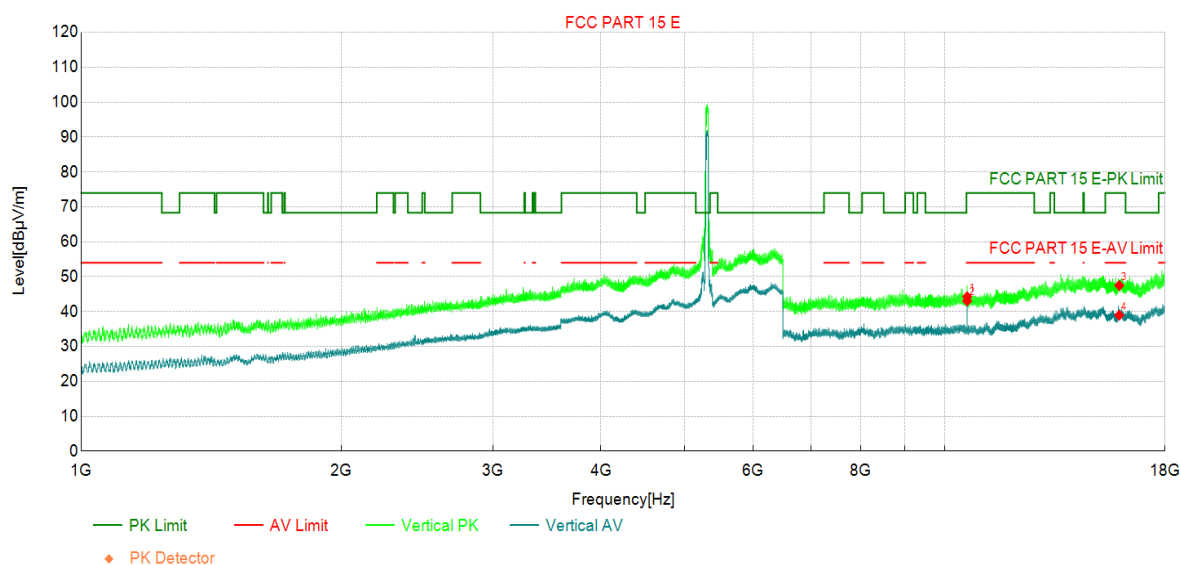
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10620.00	38.06	44.85	6.79	74.00	29.15	PK	Horizo	PASS
2	10620.00	33.12	39.91	6.79	54.00	14.09	AV	Horizo	PASS
3	15930.00	32.35	46.72	14.37	74.00	27.28	PK	Horizo	PASS
4	15930.00	24.44	38.81	14.37	54.00	15.19	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5310MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

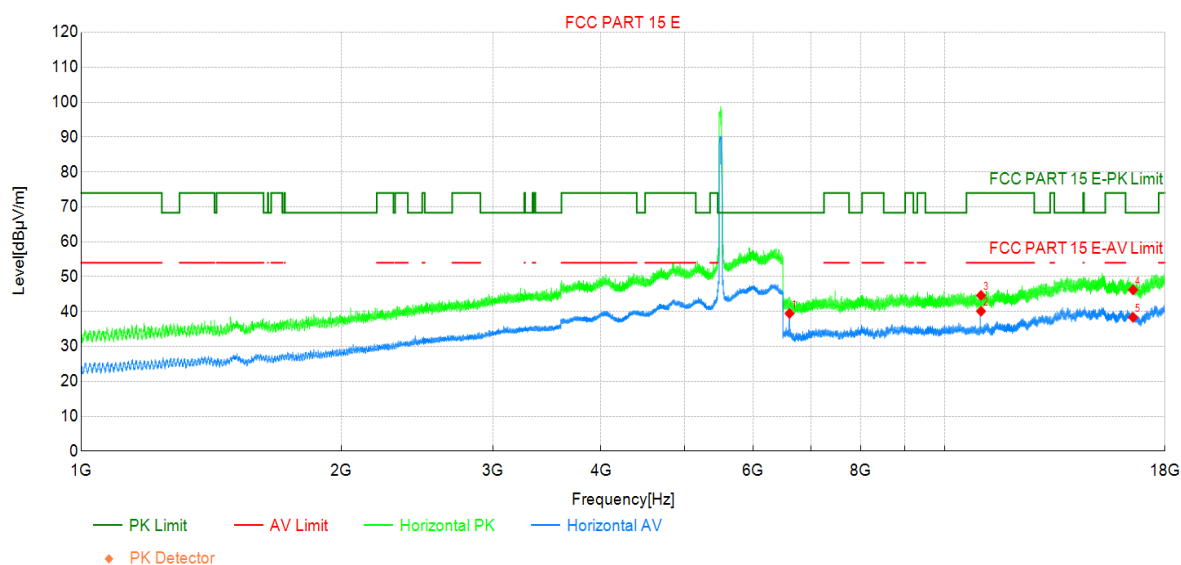
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10620.00	37.47	44.26	6.79	74.00	29.74	PK	Vertic	PASS
2	10620.00	36.26	43.05	6.79	54.00	10.95	AV	Vertic	PASS
3	15930.00	33.09	47.46	14.37	74.00	26.54	PK	Vertic	PASS
4	15930.00	24.58	38.95	14.37	54.00	15.05	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5510MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

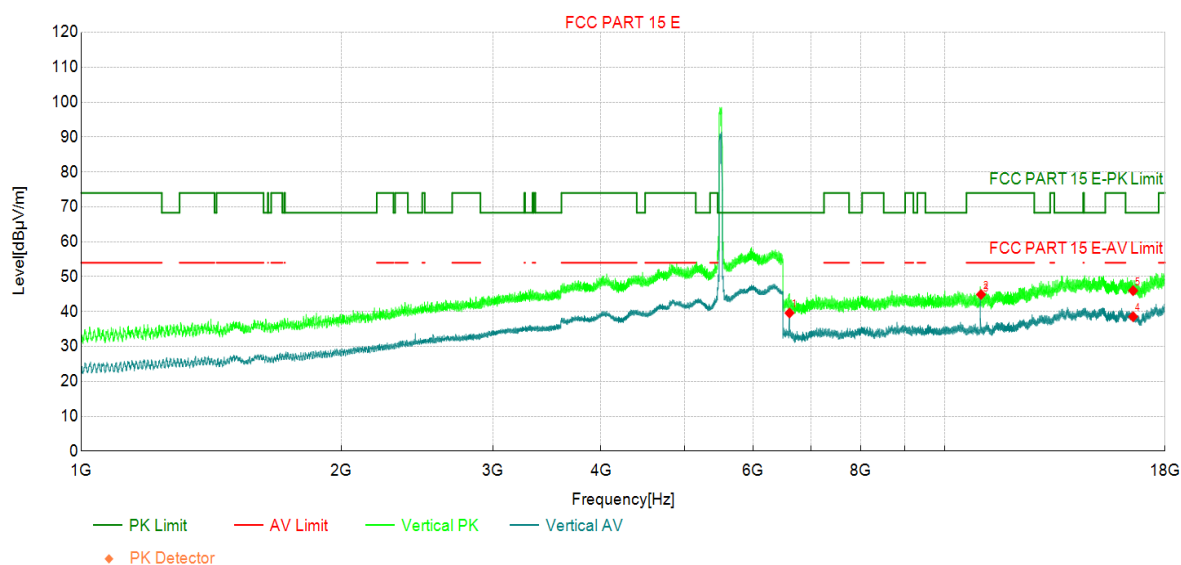
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6612.60	37.16	39.46	2.30	-	-	AV	Horizo	NA
2	11020.00	32.84	40.09	7.25	54.00	13.91	AV	Horizo	PASS
3	11020.00	37.39	44.64	7.25	74.00	29.36	PK	Horizo	PASS
4	16530.00	31.21	46.22	15.01	68.30	22.08	PK	Horizo	PASS
5	16530.00	23.33	38.34	15.01	-	-	AV	Horizo	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5510MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

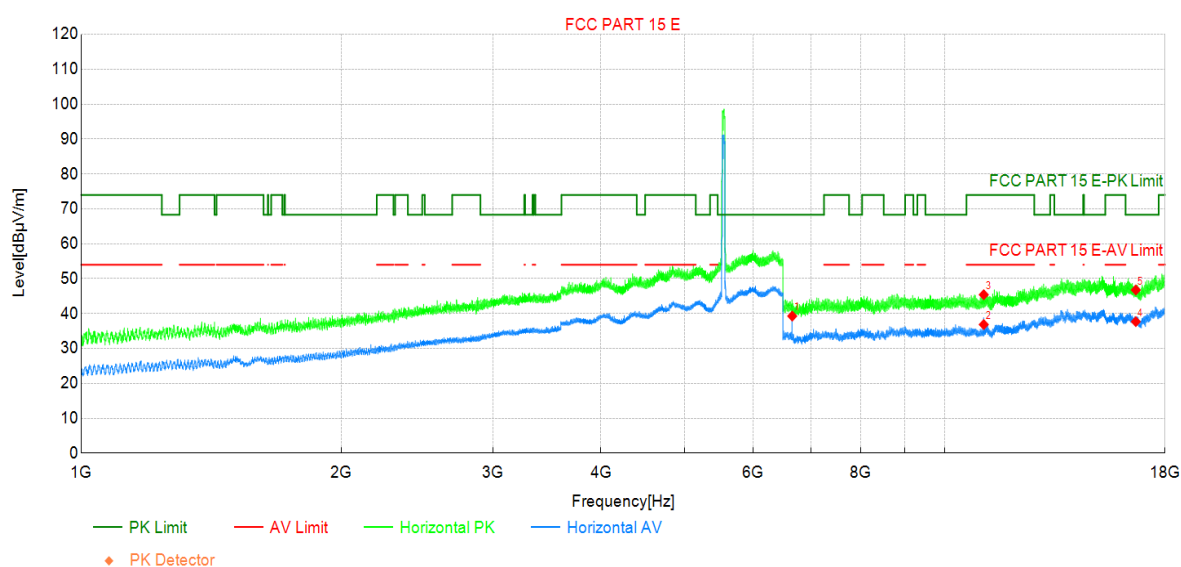
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6612.60	37.28	39.58	2.30	-	-	AV	Vertic	NA
2	11020.00	37.63	44.88	7.25	74.00	29.12	PK	Vertic	PASS
3	11020.00	36.83	44.08	7.25	54.00	9.92	AV	Vertic	PASS
4	16530.00	23.52	38.53	15.01	-	-	AV	Vertic	NA
5	16530.00	30.98	45.99	15.01	68.30	22.31	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5550MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

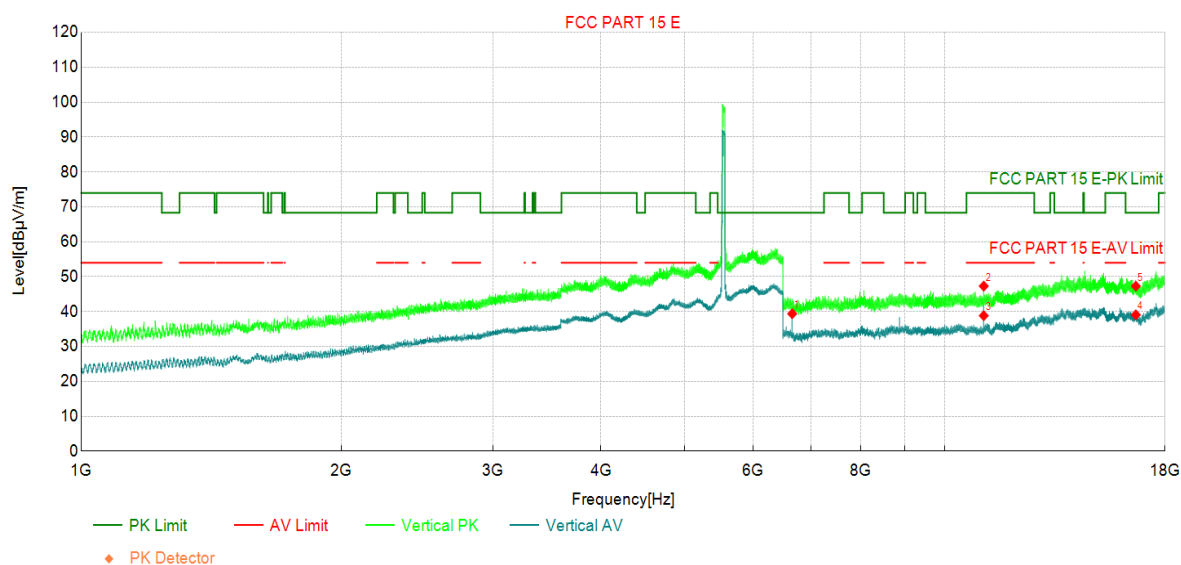
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6660.52	37.48	39.28	1.80	-	-	AV	Horizo	NA
2	11100.00	30.20	36.86	6.66	54.00	17.14	AV	Horizo	PASS
3	11100.00	38.75	45.41	6.66	74.00	28.59	PK	Horizo	PASS
4	16650.00	23.00	37.69	14.69	-	-	AV	Horizo	NA
5	16650.00	32.07	46.76	14.69	68.30	21.54	PK	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5550MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

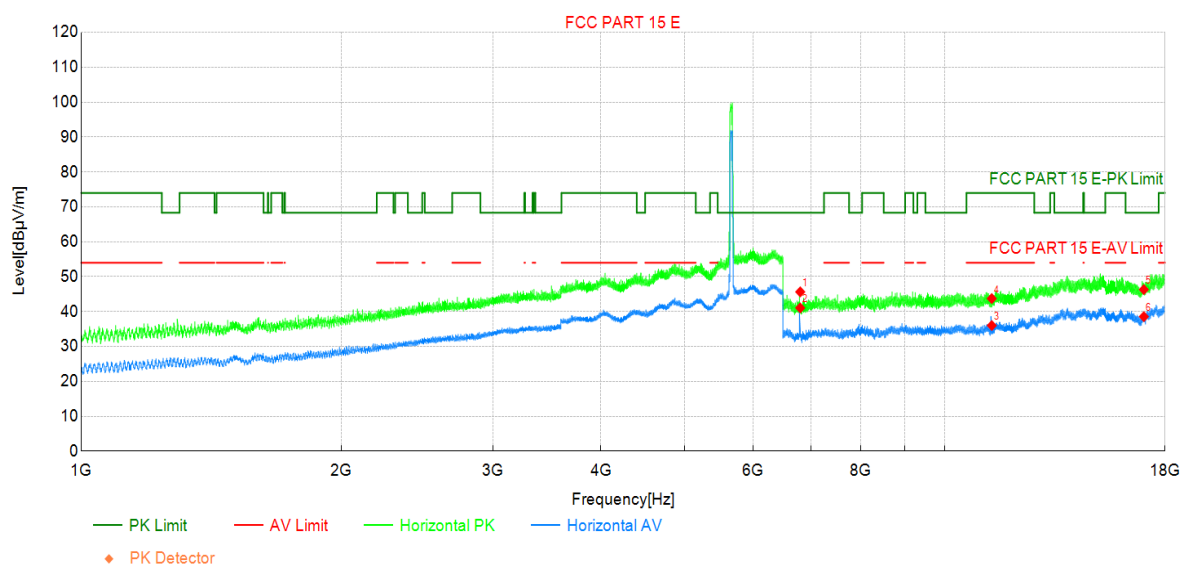
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6660.52	37.58	39.38	1.80	-	-	AV	Vertic	NA
2	11100.00	40.63	47.29	6.66	74.00	26.71	PK	Vertic	PASS
3	11100.00	32.16	38.82	6.66	54.00	15.18	AV	Vertic	PASS
4	16650.00	24.36	39.05	14.69	-	-	AV	Vertic	NA
5	16650.00	32.58	47.27	14.69	68.30	21.03	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5670MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

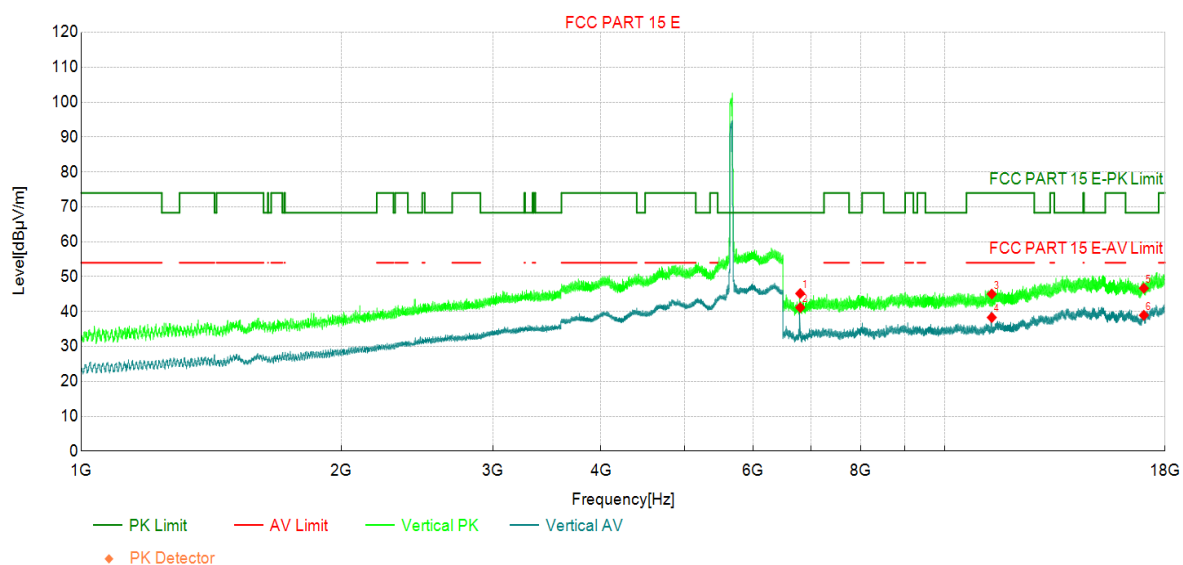
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6803.79	43.76	45.64	1.88	68.30	22.66	PK	Horizo	PASS
2	6804.27	39.16	41.04	1.88	-	-	AV	Horizo	NA
3	11340.00	28.14	36.00	7.86	54.00	18.00	AV	Horizo	PASS
4	11340.00	35.86	43.72	7.86	74.00	30.28	PK	Horizo	PASS
5	17010.00	30.27	46.31	16.04	68.30	21.99	PK	Horizo	PASS
6	17010.00	22.50	38.54	16.04	-	-	AV	Horizo	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5670MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

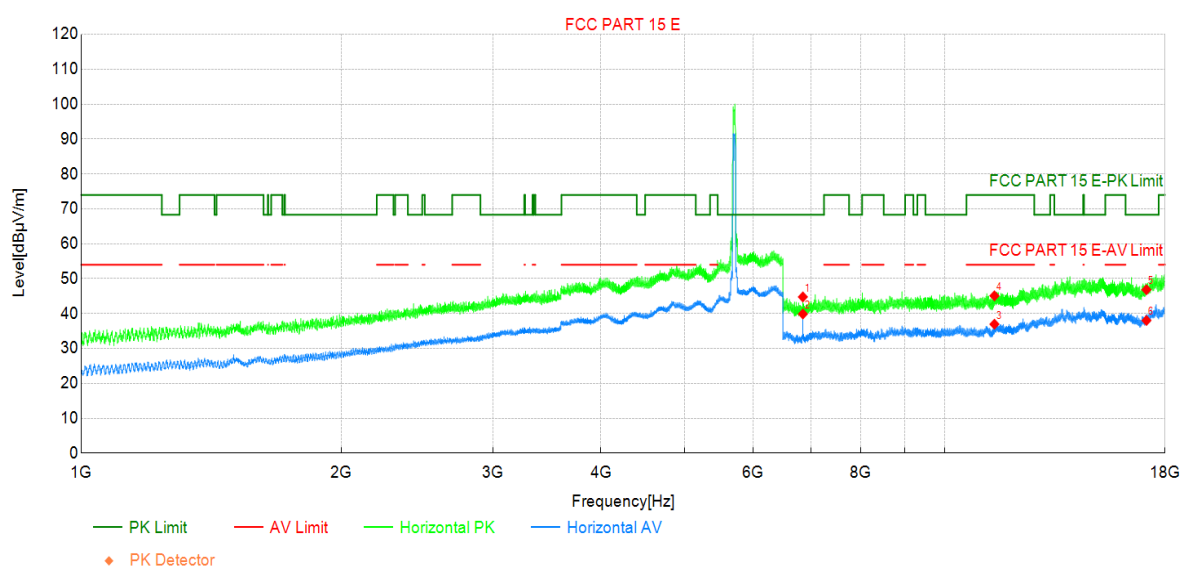
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6803.79	43.30	45.18	1.88	68.30	23.12	PK	Vertic	PASS
2	6804.27	39.26	41.14	1.88	-	-	AV	Vertic	NA
3	11340.00	37.16	45.02	7.86	74.00	28.98	PK	Vertic	PASS
4	11340.00	30.44	38.30	7.86	54.00	15.70	AV	Vertic	PASS
5	17010.00	30.65	46.69	16.04	68.30	21.61	PK	Vertic	PASS
6	17010.00	22.90	38.94	16.04	-	-	AV	Vertic	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5710MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

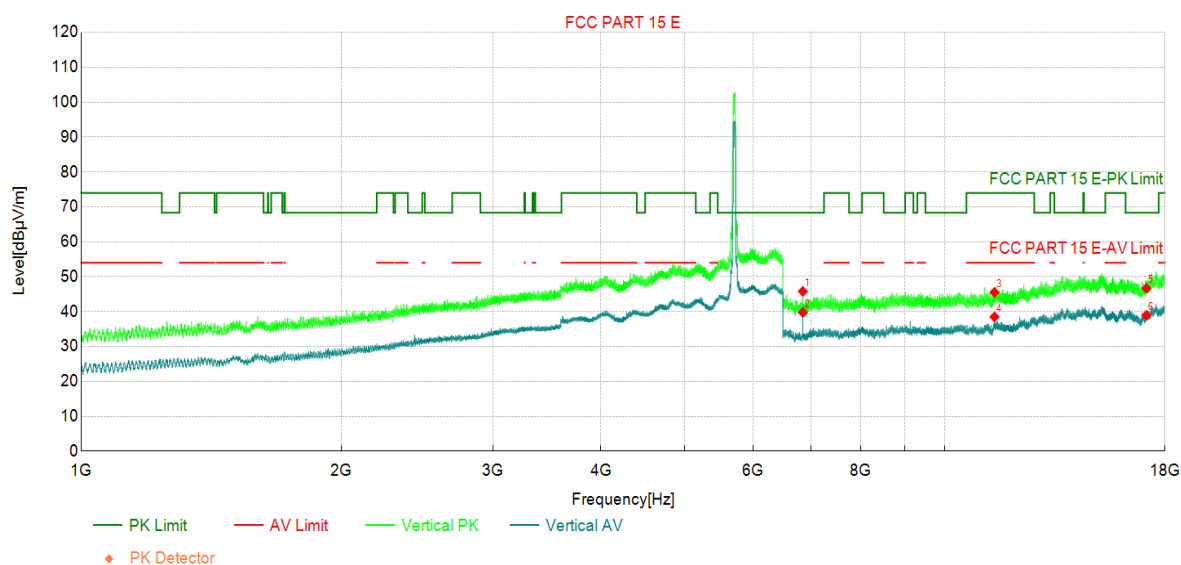
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6852.19	42.88	44.77	1.89	68.30	23.53	PK	Horizo	PASS
2	6852.67	37.98	39.87	1.89	-	-	AV	Horizo	NA
3	11420.00	29.01	36.96	7.95	54.00	17.04	AV	Horizo	PASS
4	11420.00	37.13	45.08	7.95	74.00	28.92	PK	Horizo	PASS
5	17130.00	31.14	46.83	15.69	68.30	21.47	PK	Horizo	PASS
6	17130.00	22.33	38.02	15.69	-	-	AV	Horizo	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5710MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

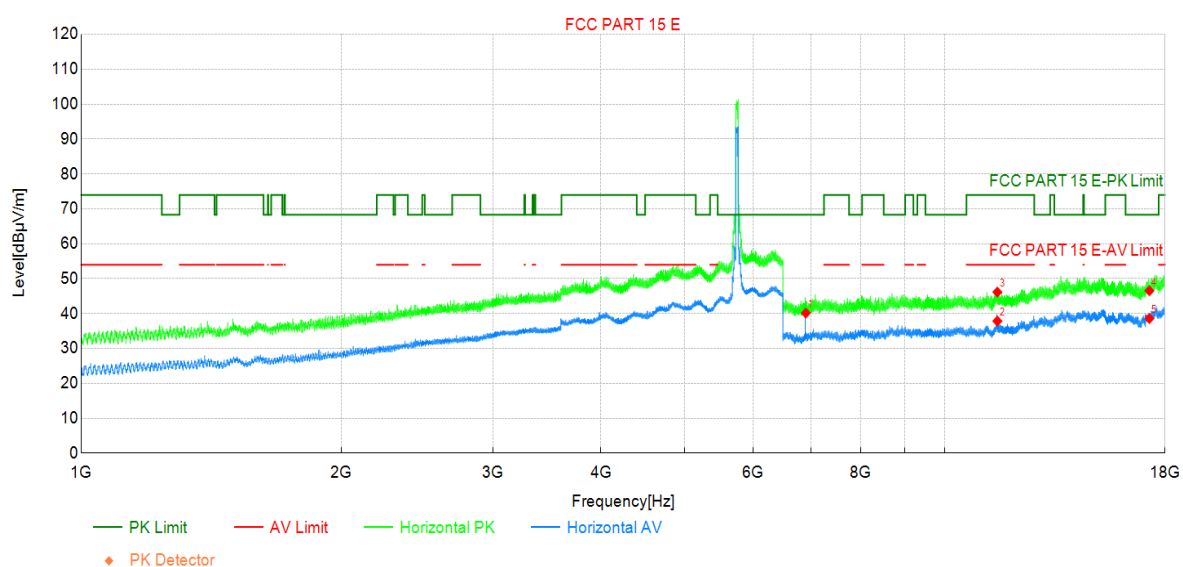
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6852.19	43.89	45.78	1.89	68.30	22.52	PK	Vertic	PASS
2	6852.67	37.87	39.76	1.89	-	-	AV	Vertic	NA
3	11420.00	37.54	45.49	7.95	74.00	28.51	PK	Vertic	PASS
4	11420.00	30.51	38.46	7.95	54.00	15.54	AV	Vertic	PASS
5	17130.00	30.95	46.64	15.69	68.30	21.66	PK	Vertic	PASS
6	17130.00	23.22	38.91	15.69	-	-	AV	Vertic	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5755MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

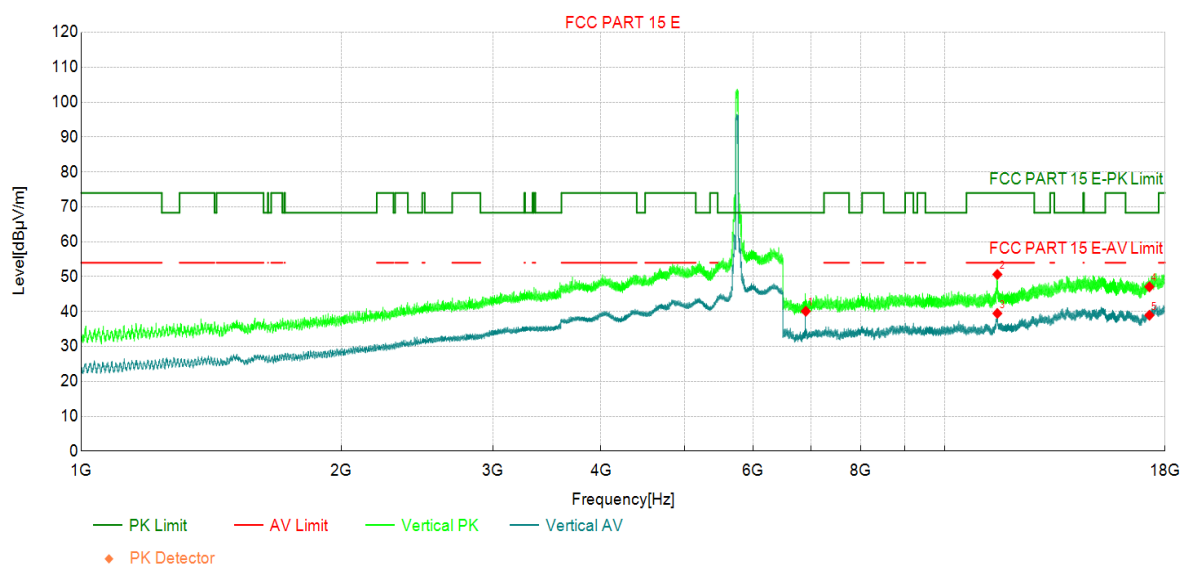
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6906.33	38.21	40.14	1.93	-	-	AV	Horizo	NA
2	11510.00	29.37	37.85	8.48	54.00	16.15	AV	Horizo	PASS
3	11510.00	37.68	46.16	8.48	74.00	27.84	PK	Horizo	PASS
4	17265.00	31.03	46.54	15.51	68.30	21.76	PK	Horizo	PASS
5	17265.00	23.07	38.58	15.51	-	-	AV	Horizo	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5755MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

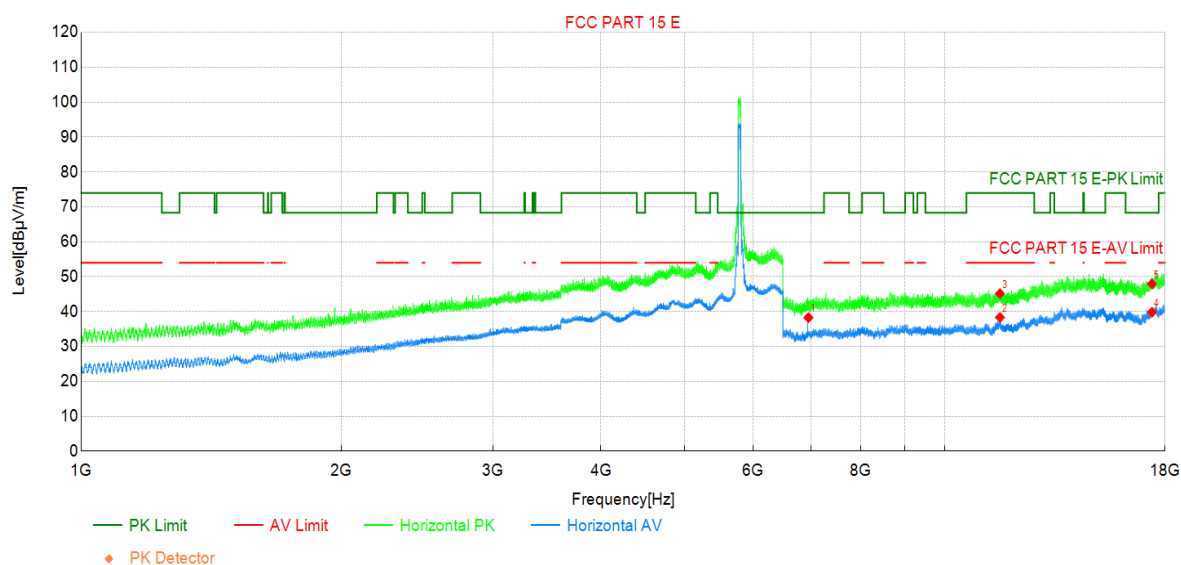
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6906.33	38.16	40.09	1.93	-	-	AV	Vertic	NA
2	11510.00	42.15	50.63	8.48	74.00	23.37	PK	Vertic	PASS
3	11510.00	30.98	39.46	8.48	54.00	14.54	AV	Vertic	PASS
4	17265.00	31.57	47.08	15.51	68.30	21.22	PK	Vertic	PASS
5	17265.00	23.44	38.95	15.51	-	-	AV	Vertic	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5795MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

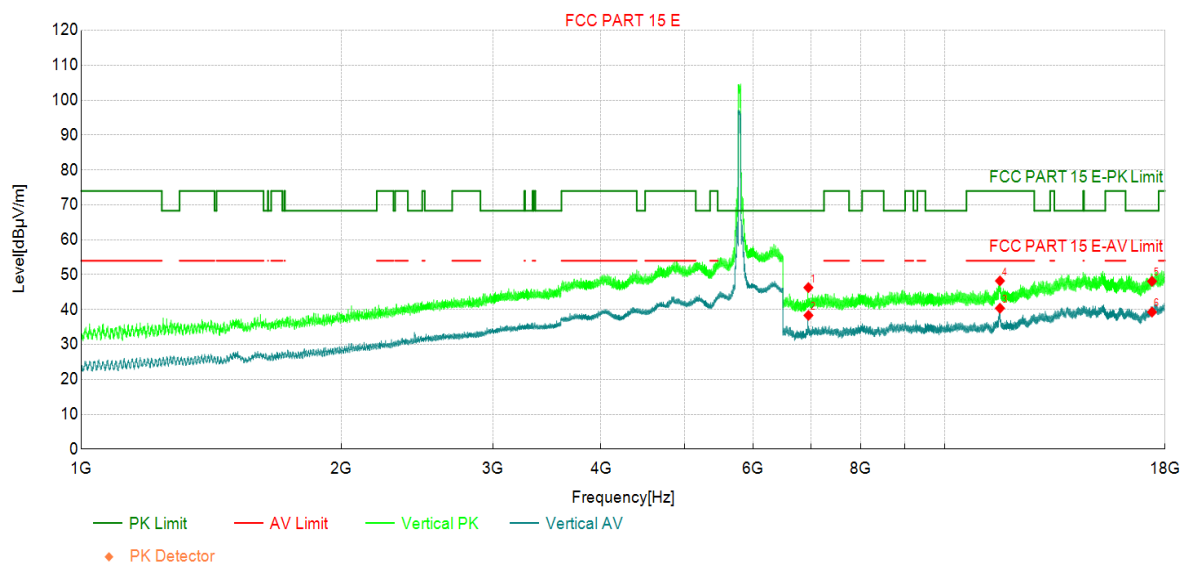
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6954.25	36.14	38.26	2.12	-	-	AV	Horizo	NA
2	11590.00	29.57	38.31	8.74	54.00	15.69	AV	Horizo	PASS
3	11590.00	36.40	45.14	8.74	74.00	28.86	PK	Horizo	PASS
4	17385.00	23.24	39.82	16.58	-	-	AV	Horizo	NA
5	17385.00	31.34	47.92	16.58	68.30	20.38	PK	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5795MHz by 802.11n(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

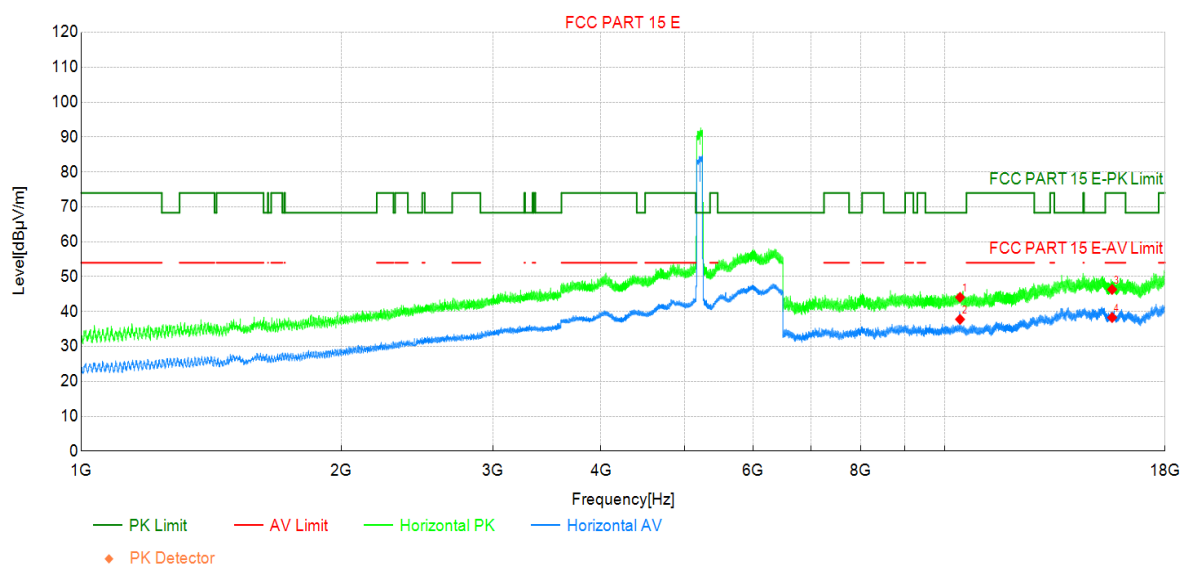
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6954.25	44.18	46.30	2.12	68.30	22.00	PK	Vertic	PASS
2	6954.25	36.22	38.34	2.12	-	-	AV	Vertic	NA
3	11590.00	31.64	40.38	8.74	54.00	13.62	AV	Vertic	PASS
4	11590.00	39.47	48.21	8.74	74.00	25.79	PK	Vertic	PASS
5	17385.00	31.53	48.11	16.58	68.30	20.19	PK	Vertic	PASS
6	17385.00	22.69	39.27	16.58	-	-	AV	Vertic	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5210MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

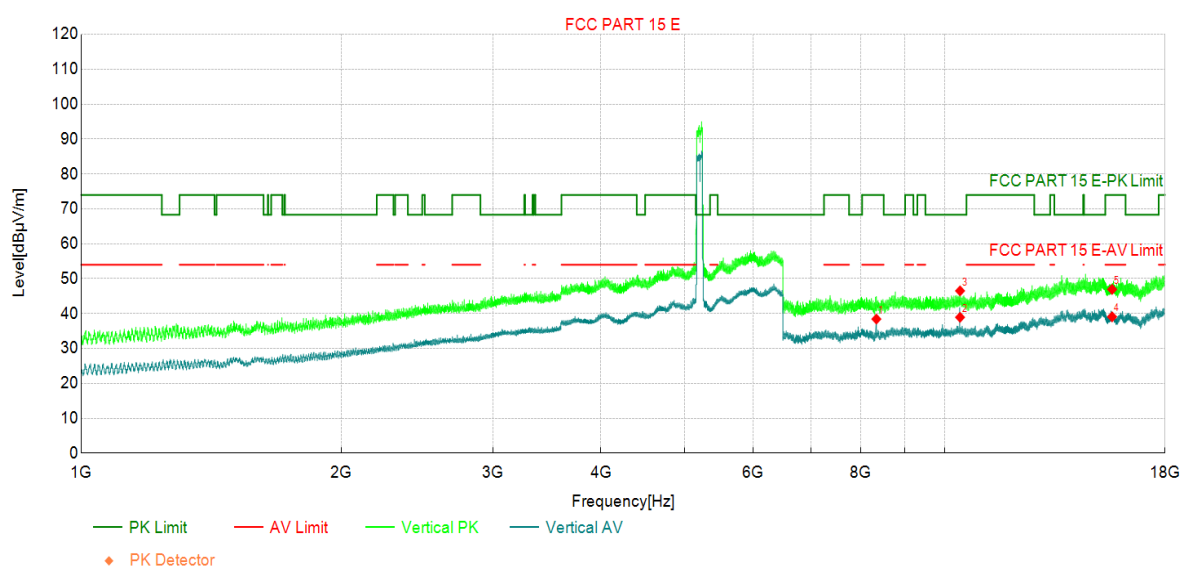
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10420.00	37.49	44.09	6.60	68.30	24.21	PK	Horizo	PASS
2	10420.00	31.16	37.76	6.60	-	-	AV	Horizo	NA
3	15630.00	32.55	46.33	13.78	74.00	27.67	PK	Horizo	PASS
4	15630.00	24.51	38.29	13.78	54.00	15.71	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5210MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

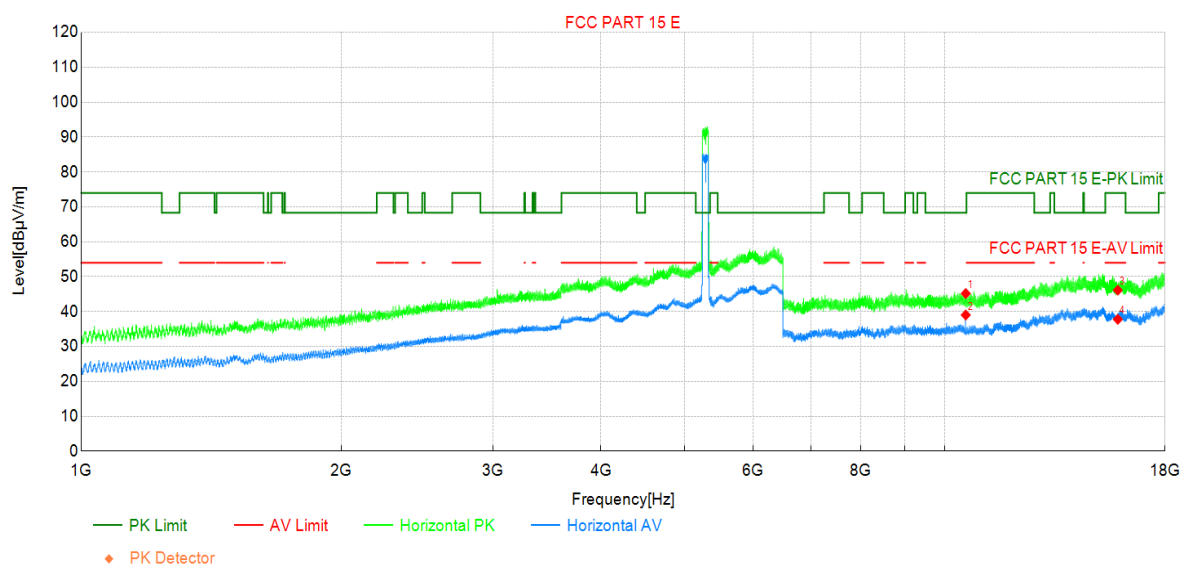
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	8336.17	34.65	38.43	3.78	54.00	15.57	AV	Vertic	PASS
2	10420.00	32.32	38.92	6.60	-	-	AV	Vertic	NA
3	10420.00	39.91	46.51	6.60	68.30	21.79	PK	Vertic	PASS
4	15630.00	25.29	39.07	13.78	54.00	14.93	AV	Vertic	PASS
5	15630.00	33.15	46.93	13.78	74.00	27.07	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5290MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

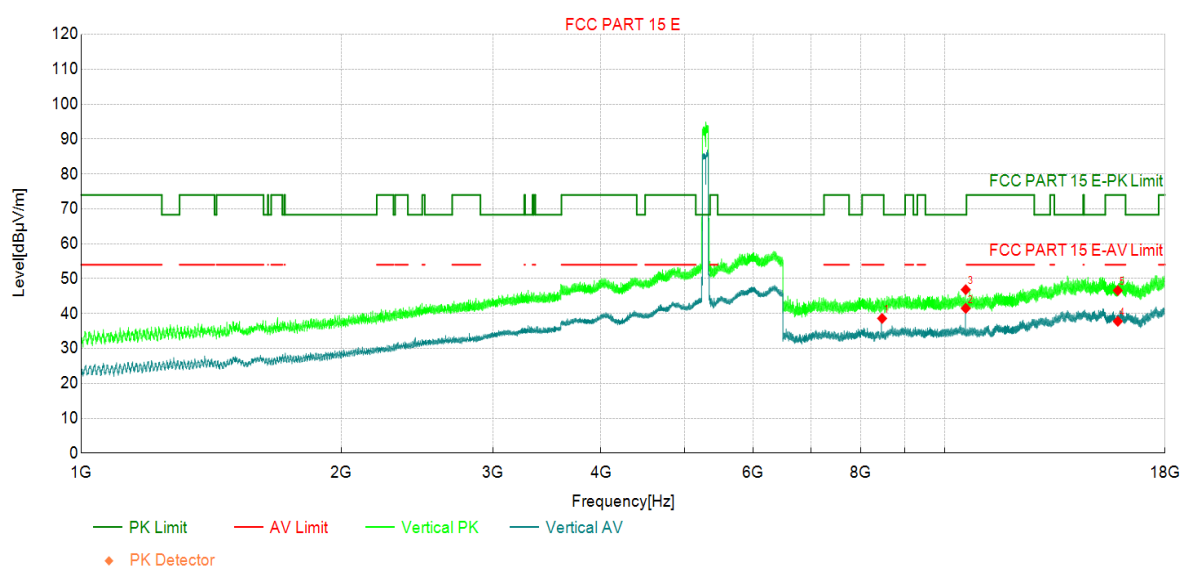
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10580.00	38.40	45.17	6.77	68.30	23.13	PK	Horizo	PASS
2	10580.00	32.24	39.01	6.77	-	-	AV	Horizo	NA
3	15870.00	32.03	46.12	14.09	74.00	27.88	PK	Horizo	PASS
4	15870.00	23.69	37.78	14.09	54.00	16.22	AV	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5290MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

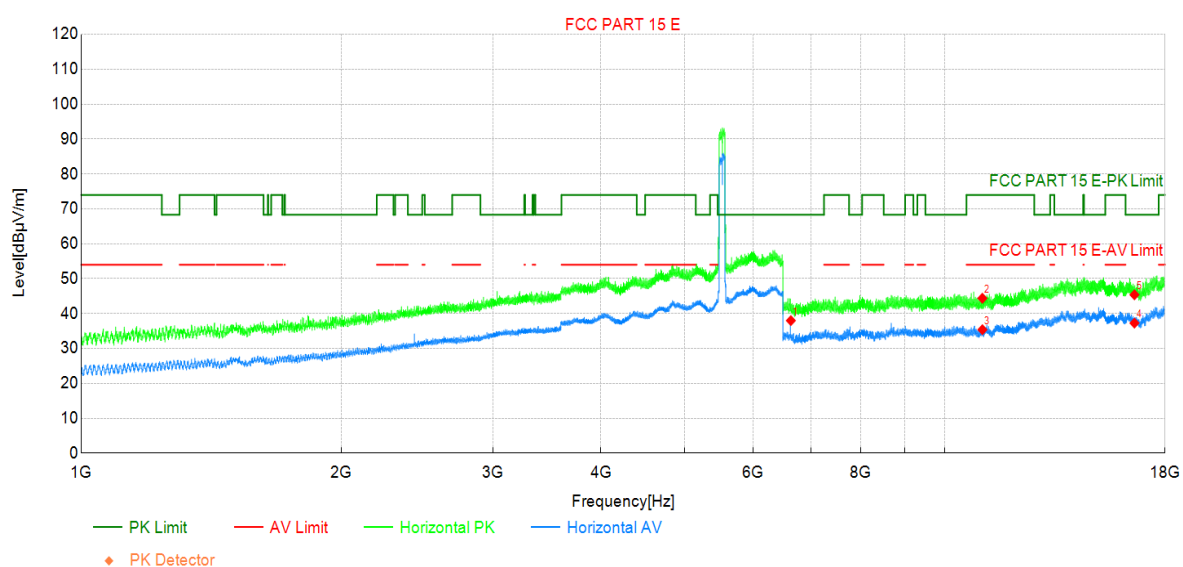
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	8464.58	34.46	38.61	4.15	54.00	15.39	AV	Vertic	PASS
2	10580.00	34.72	41.49	6.77	-	-	AV	Vertic	NA
3	10580.00	40.08	46.85	6.77	68.30	21.45	PK	Vertic	PASS
4	15870.00	23.69	37.78	14.09	54.00	16.22	AV	Vertic	PASS
5	15870.00	32.51	46.60	14.09	74.00	27.40	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5530MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

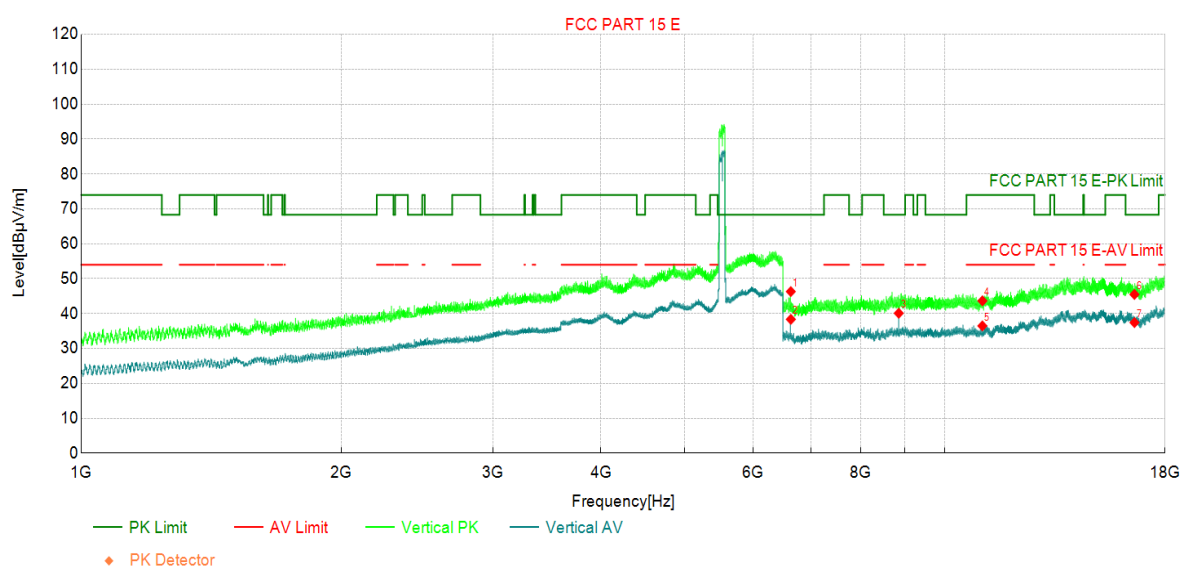
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6636.56	35.94	37.99	2.05	-	-	AV	Horizo	NA
2	11060.00	37.42	44.38	6.96	74.00	29.62	PK	Horizo	PASS
3	11060.00	28.42	35.38	6.96	54.00	18.62	AV	Horizo	PASS
4	16590.00	22.47	37.27	14.80	-	-	AV	Horizo	NA
5	16590.00	30.58	45.38	14.80	68.30	22.92	PK	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5530MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

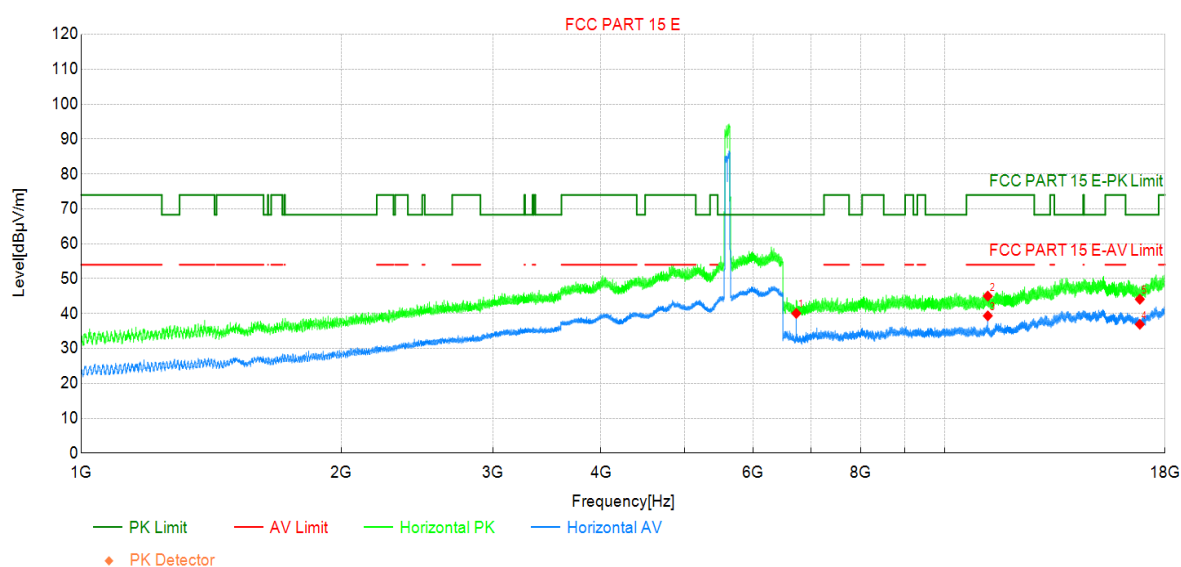
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6635.60	44.24	46.30	2.06	68.30	22.00	PK	Vertic	PASS
2	6636.56	36.30	38.35	2.05	-	-	AV	Vertic	NA
3	8848.40	35.18	40.09	4.91	-	-	AV	Vertic	NA
4	11060.00	36.68	43.64	6.96	74.00	30.36	PK	Vertic	PASS
5	11060.00	29.50	36.46	6.96	54.00	17.54	AV	Vertic	PASS
6	16590.00	30.68	45.48	14.80	68.30	22.82	PK	Vertic	PASS
7	16590.00	22.62	37.42	14.80	-	-	AV	Vertic	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5610MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

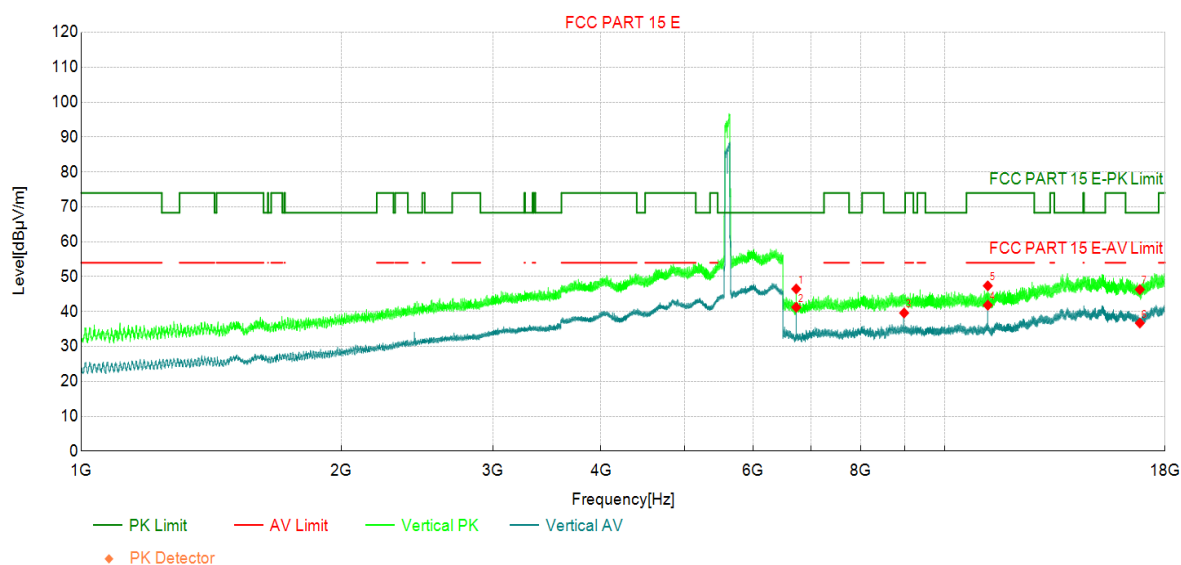
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6732.40	38.51	40.05	1.54	-	-	AV	Horizo	NA
2	11220.00	37.28	45.01	7.73	74.00	28.99	PK	Horizo	PASS
3	11220.00	31.62	39.35	7.73	54.00	14.65	AV	Horizo	PASS
4	16830.00	21.99	36.91	14.92	-	-	AV	Horizo	NA
5	16830.00	29.18	44.10	14.92	68.30	24.20	PK	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5610MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

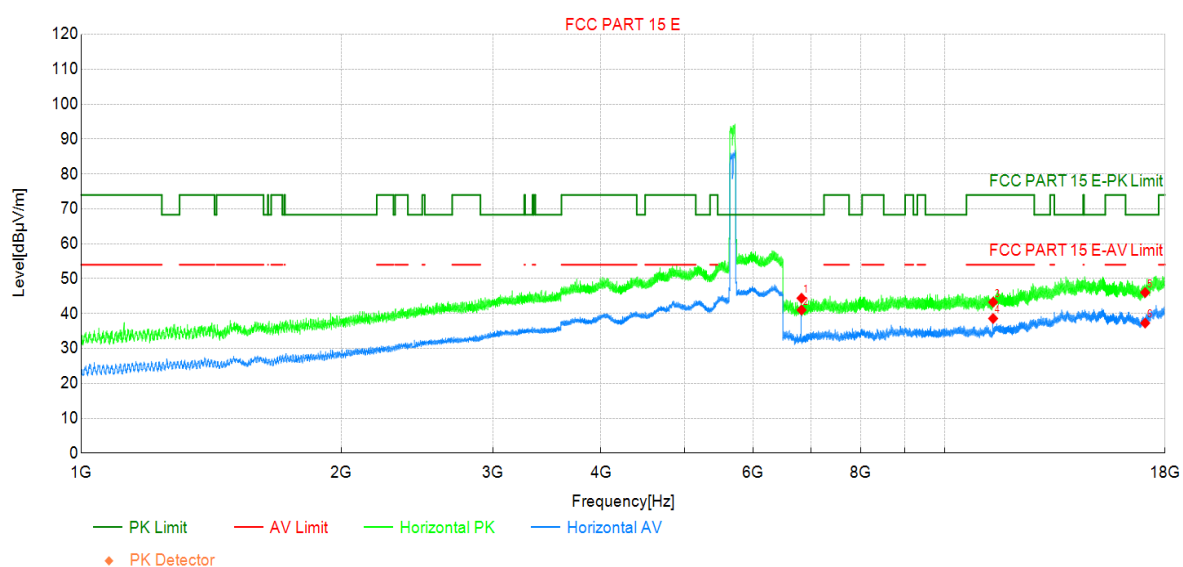
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6731.92	44.94	46.48	1.54	68.30	21.82	PK	Vertic	PASS
2	6732.40	39.69	41.23	1.54	-	-	AV	Vertic	NA
3	8976.33	34.14	39.59	5.45	-	-	AV	Vertic	NA
4	11220.00	34.09	41.82	7.73	54.00	12.18	AV	Vertic	PASS
5	11220.00	39.64	47.37	7.73	74.00	26.63	PK	Vertic	PASS
6	16830.00	21.77	36.69	14.92	-	-	AV	Vertic	NA
7	16830.00	31.40	46.32	14.92	68.30	21.98	PK	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5690MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

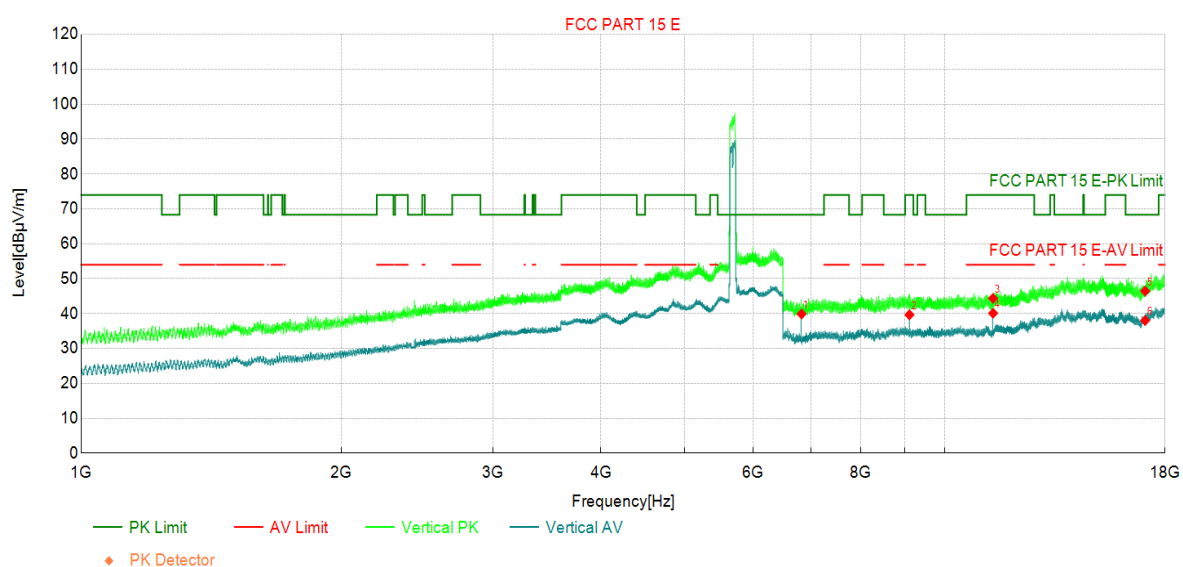
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6827.75	42.50	44.39	1.89	68.30	23.91	PK	Horizo	PASS
2	6828.23	39.13	41.01	1.88	-	-	AV	Horizo	NA
3	11380.00	35.43	43.27	7.84	74.00	30.73	PK	Horizo	PASS
4	11380.00	30.74	38.58	7.84	54.00	15.42	AV	Horizo	PASS
5	17070.00	30.13	46.02	15.89	68.30	22.28	PK	Horizo	PASS
6	17070.00	21.38	37.27	15.89	-	-	AV	Horizo	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5690MHz by 802.11ac80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

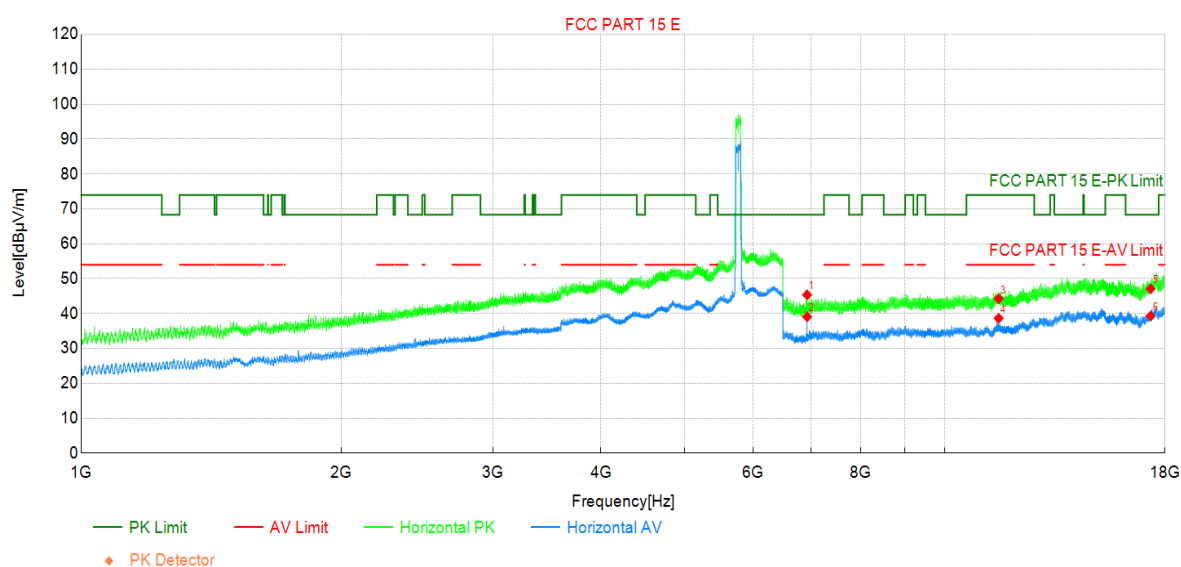
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6828.23	38.01	39.89	1.88	-	-	AV	Vertic	NA
2	9104.27	34.61	39.65	5.04	54.00	14.35	AV	Vertic	PASS
3	11380.00	36.51	44.35	7.84	74.00	29.65	PK	Vertic	PASS
4	11380.00	32.26	40.10	7.84	54.00	13.90	AV	Vertic	PASS
5	17070.00	30.57	46.46	15.89	68.30	21.84	PK	Vertic	PASS
6	17070.00	22.14	38.03	15.89	-	-	AV	Vertic	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5775MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

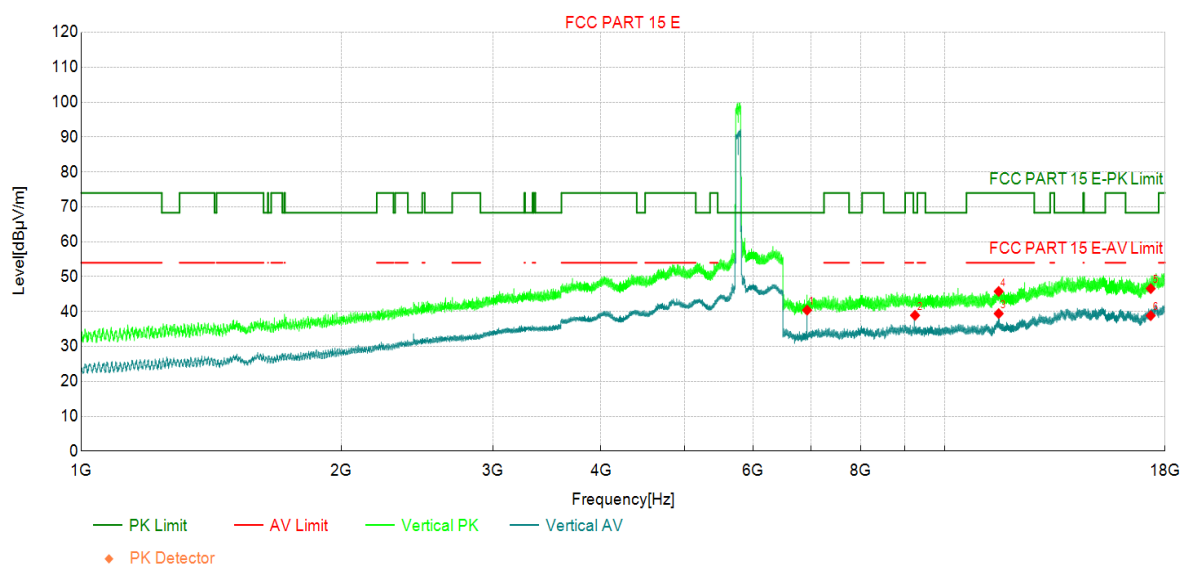
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6929.81	43.34	45.36	2.02	68.30	22.94	PK	Horizo	PASS
2	6930.29	37.07	39.09	2.02	-	-	AV	Horizo	NA
3	11550.00	35.64	44.25	8.61	74.00	29.75	PK	Horizo	PASS
4	11550.00	30.03	38.64	8.61	54.00	15.36	AV	Horizo	PASS
5	17325.00	31.23	47.10	15.87	68.30	21.20	PK	Horizo	PASS
6	17325.00	23.44	39.31	15.87	-	-	AV	Horizo	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5775MHz by 802.11ac(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

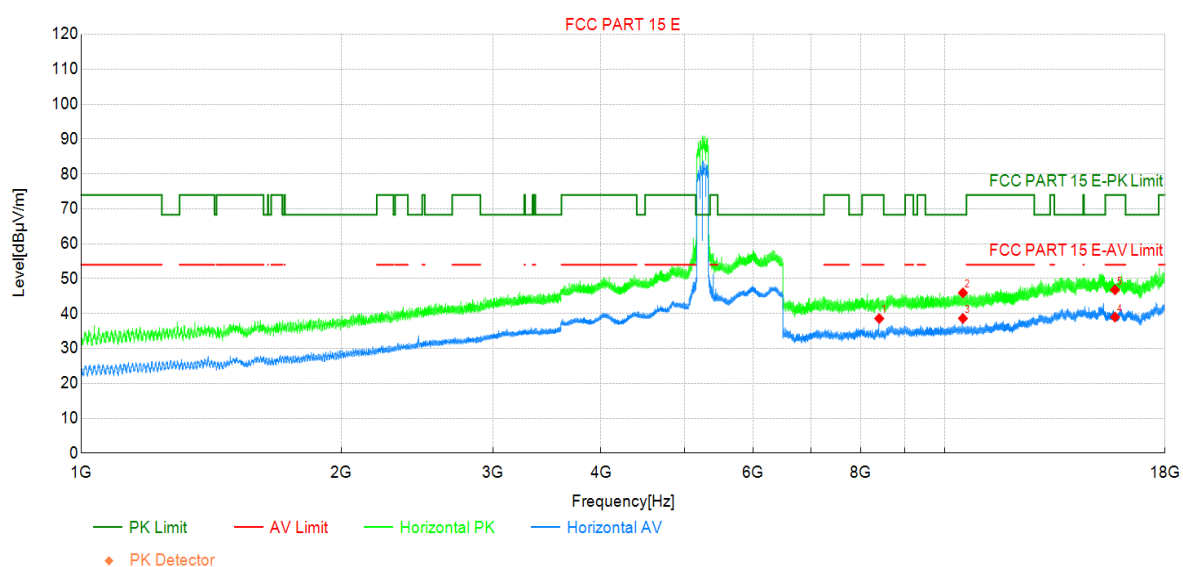
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6930.29	38.39	40.41	2.02	-	-	AV	Vertic	NA
2	9240.35	33.69	38.91	5.22	-	-	AV	Vertic	NA
3	11550.00	30.80	39.41	8.61	54.00	14.59	AV	Vertic	PASS
4	11550.00	37.16	45.77	8.61	74.00	28.23	PK	Vertic	PASS
5	17325.00	30.70	46.57	15.87	68.30	21.73	PK	Vertic	PASS
6	17325.00	22.95	38.82	15.87	-	-	AV	Vertic	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5250MHz by 802.11ac(160MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

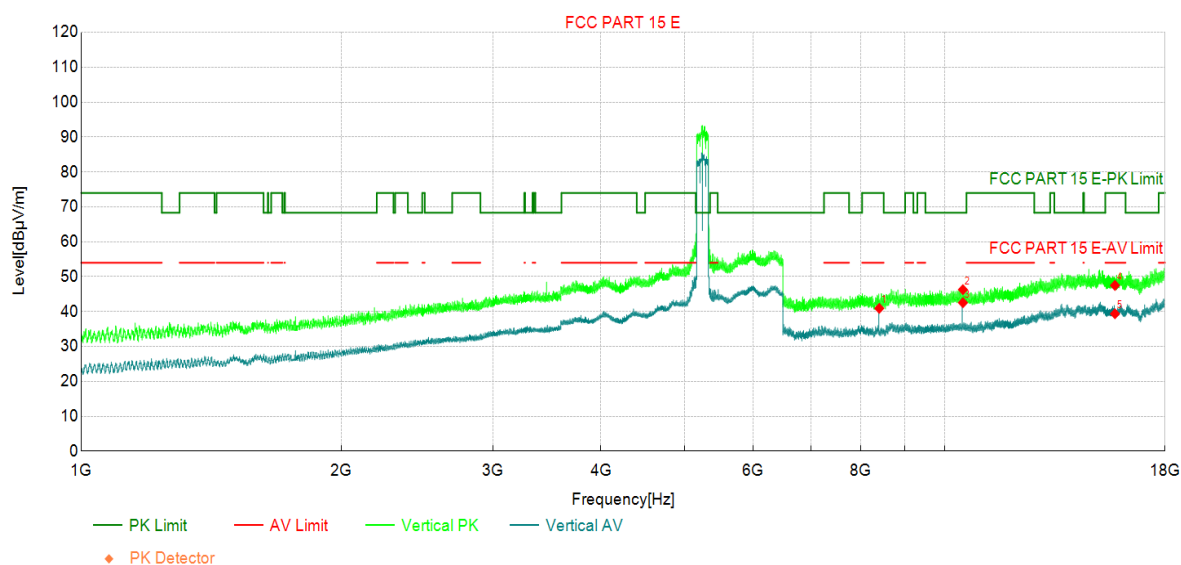
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	8400.38	34.32	38.57	4.25	54.00	15.43	AV	Horizo	PASS
2	10500.00	39.17	45.92	6.75	68.30	22.38	PK	Horizo	PASS
3	10500.00	31.86	38.61	6.75	-	-	AV	Horizo	NA
4	15750.00	24.77	39.01	14.24	54.00	14.99	AV	Horizo	PASS
5	15750.00	32.56	46.80	14.24	74.00	27.20	PK	Horizo	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5250MHz by 802.11ac(160MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

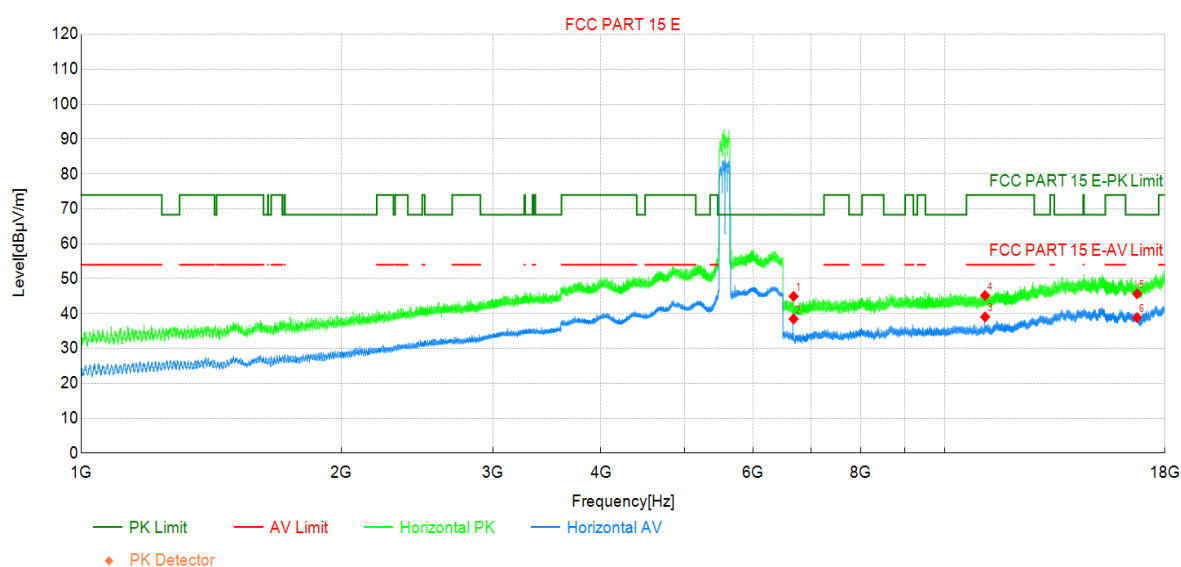
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	8400.38	36.67	40.92	4.25	54.00	13.08	AV	Vertic	PASS
2	10500.00	39.52	46.27	6.75	68.30	22.03	PK	Vertic	PASS
3	10500.56	35.78	42.53	6.75	-	-	AV	Vertic	NA
4	15750.00	33.26	47.50	14.24	74.00	26.50	PK	Vertic	PASS
5	15750.00	25.13	39.37	14.24	54.00	14.63	AV	Vertic	PASS

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5570MHz by 802.11ac(160MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

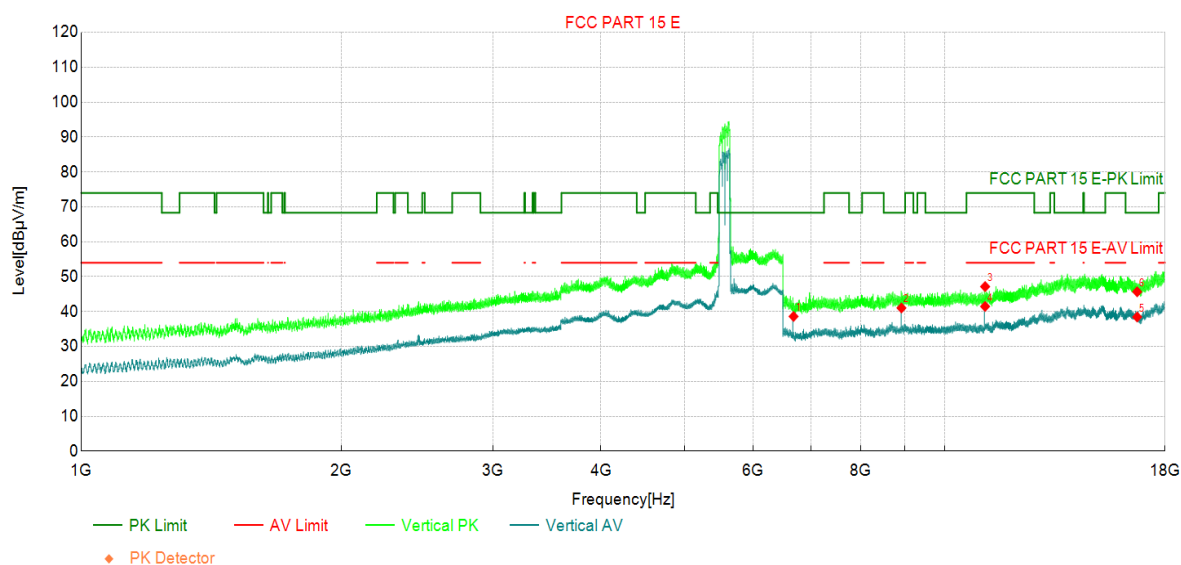
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6684.00	43.37	44.93	1.56	68.30	23.37	PK	Horizo	PASS
2	6684.48	36.90	38.45	1.55	-	-	AV	Horizo	NA
3	11140.00	31.95	39.03	7.08	54.00	14.97	AV	Horizo	PASS
4	11140.00	38.11	45.19	7.08	74.00	28.81	PK	Horizo	PASS
5	16710.00	31.03	45.65	14.62	68.30	22.65	PK	Horizo	PASS
6	16710.00	24.20	38.82	14.62	-	-	AV	Horizo	NA

Test Report

Project Information

Profile:	2490489R	EUT:	5G WiFi 7 Mobile Router
Mode:	Transmit at 5570MHz by 802.11ac(160MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15 E		

Test Graph

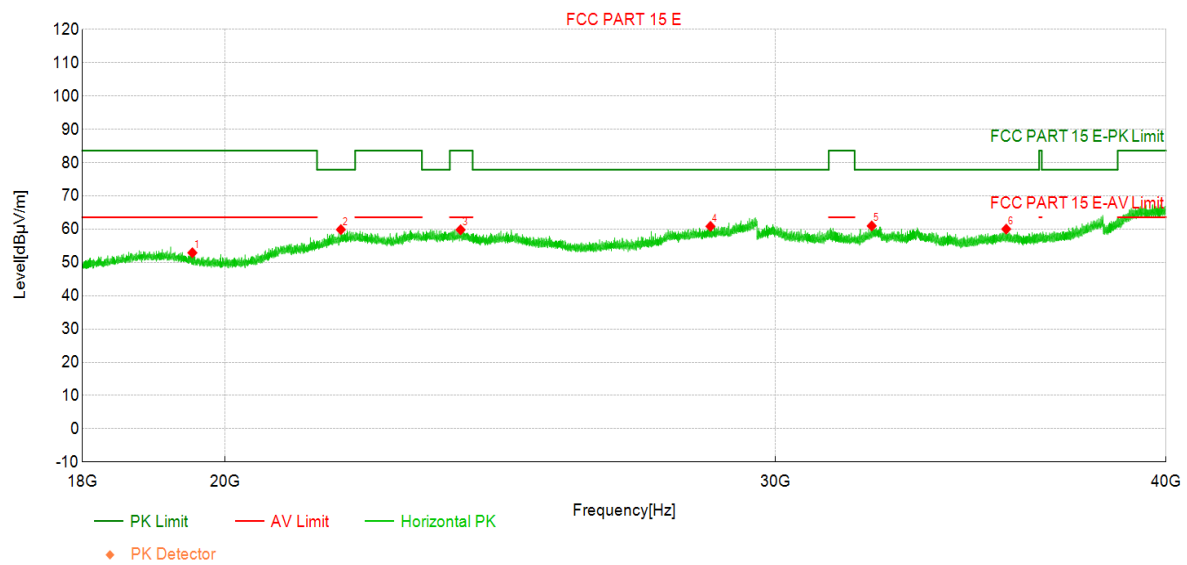


Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	6684.48	37.05	38.60	1.55	-	-	AV	Vertic	NA
2	8912.60	35.85	41.03	5.18	-	-	AV	Vertic	NA
3	11140.00	40.06	47.14	7.08	74.00	26.86	PK	Vertic	PASS
4	11140.00	34.39	41.47	7.08	54.00	12.53	AV	Vertic	PASS
5	16710.00	23.83	38.45	14.62	-	-	AV	Vertic	NA
6	16710.00	31.04	45.66	14.62	68.30	22.64	PK	Vertic	PASS

Transmit at 5180MHz by 802.11a

Test Graph

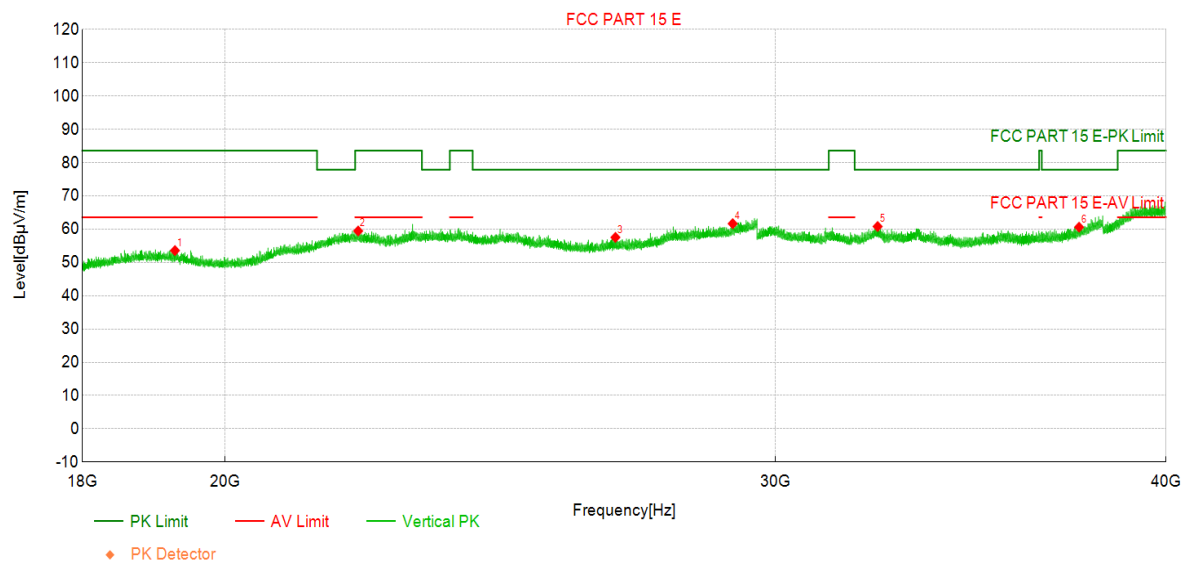


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	19522.58	41.6	52.91	11.350	83.60	30.69	PK	Horizo	PASS
2	21779.42	46.6	59.88	13.240	77.90	18.02	PK	Horizo	PASS
3	23786.92	44.2	59.82	15.640	83.60	23.78	PK	Horizo	PASS
4	28595.75	42.5	60.85	18.360	77.90	17.05	PK	Horizo	PASS
5	32202.83	42.7	60.98	18.250	77.90	16.92	PK	Horizo	PASS
6	35556.92	41.5	60.02	18.510	77.90	17.88	PK	Horizo	PASS

Transmit at 5180MHz by 802.11a

Test Graph

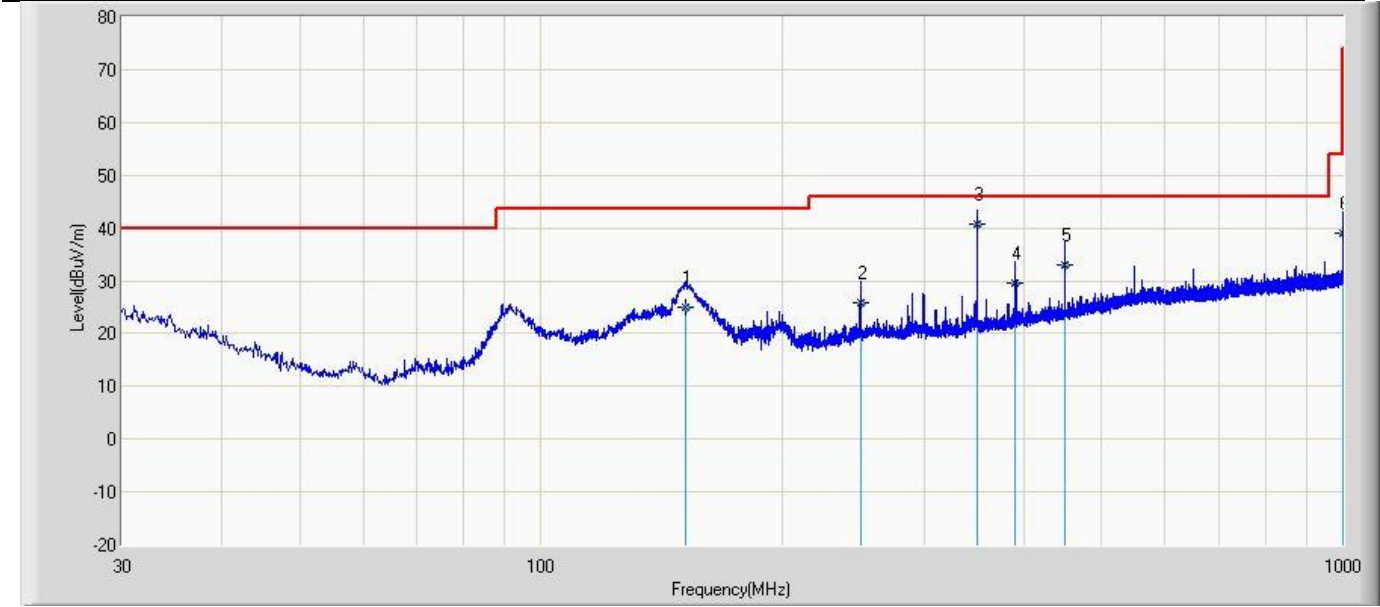


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	19273.25	42.3	53.58	11.310	83.60	30.02	PK	Vertic	PASS
2	22059.00	45.4	59.46	14.060	83.60	24.14	PK	Vertic	PASS
3	26661.58	40.4	57.54	17.100	77.90	20.36	PK	Vertic	PASS
4	29067.83	43.5	61.66	18.200	77.90	16.24	PK	Vertic	PASS
5	32344.00	42.6	60.81	18.190	77.90	17.09	PK	Vertic	PASS
6	37517.67	40.4	60.61	20.200	77.90	17.29	PK	Vertic	PASS

Note: 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

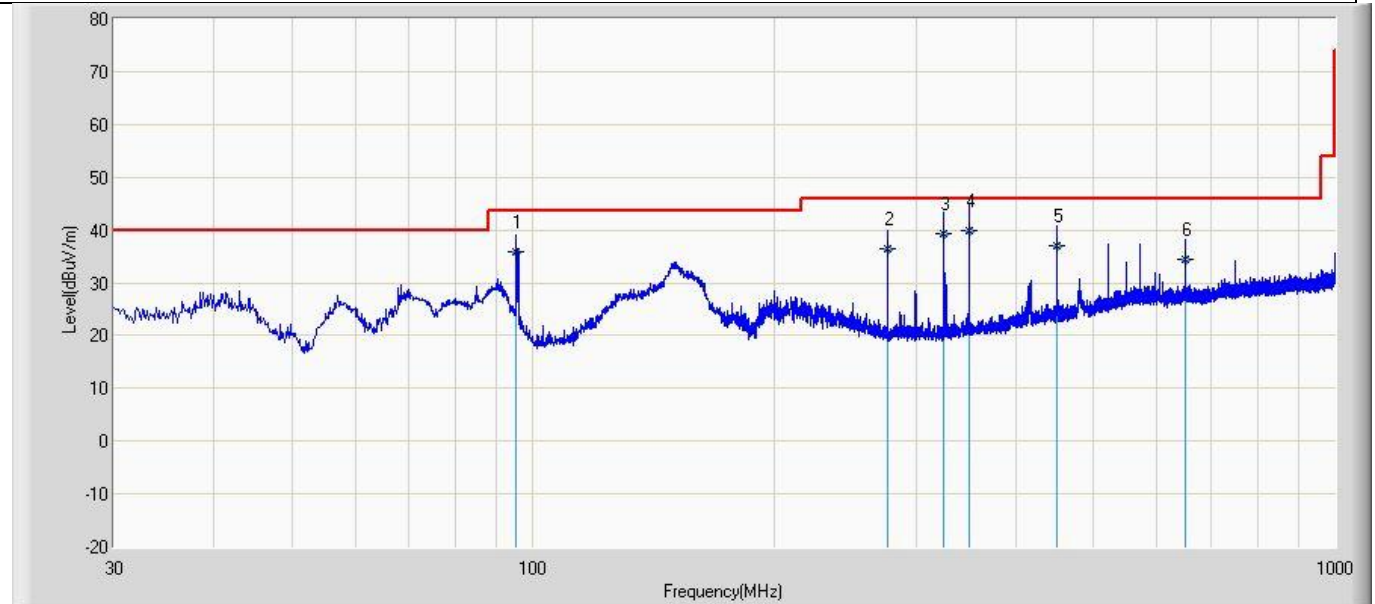
Probe: CBL6112B_2931(30-1000MHz)

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 C: Emission bandwidth and occupied bandwidth

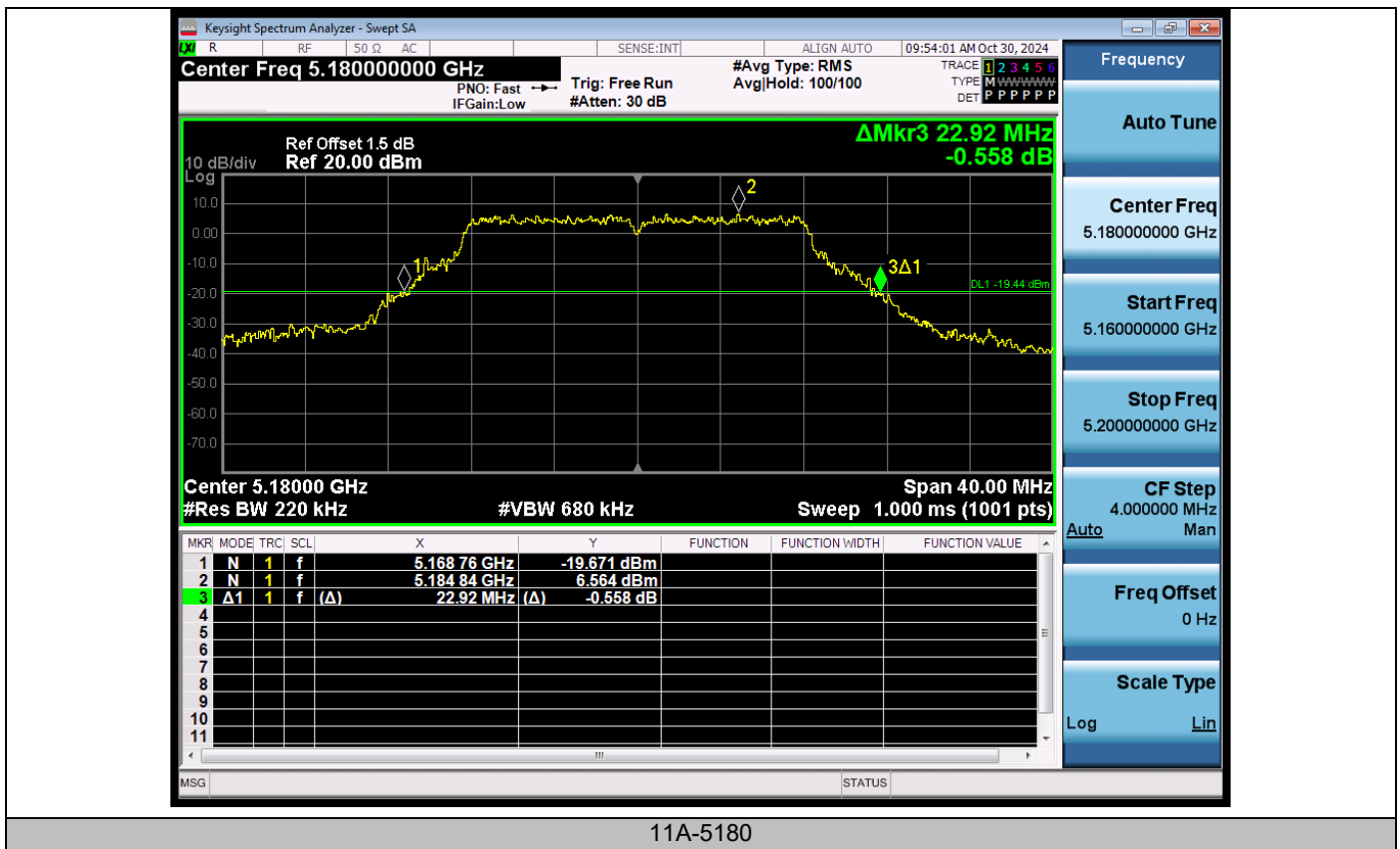
Emission Bandwidth

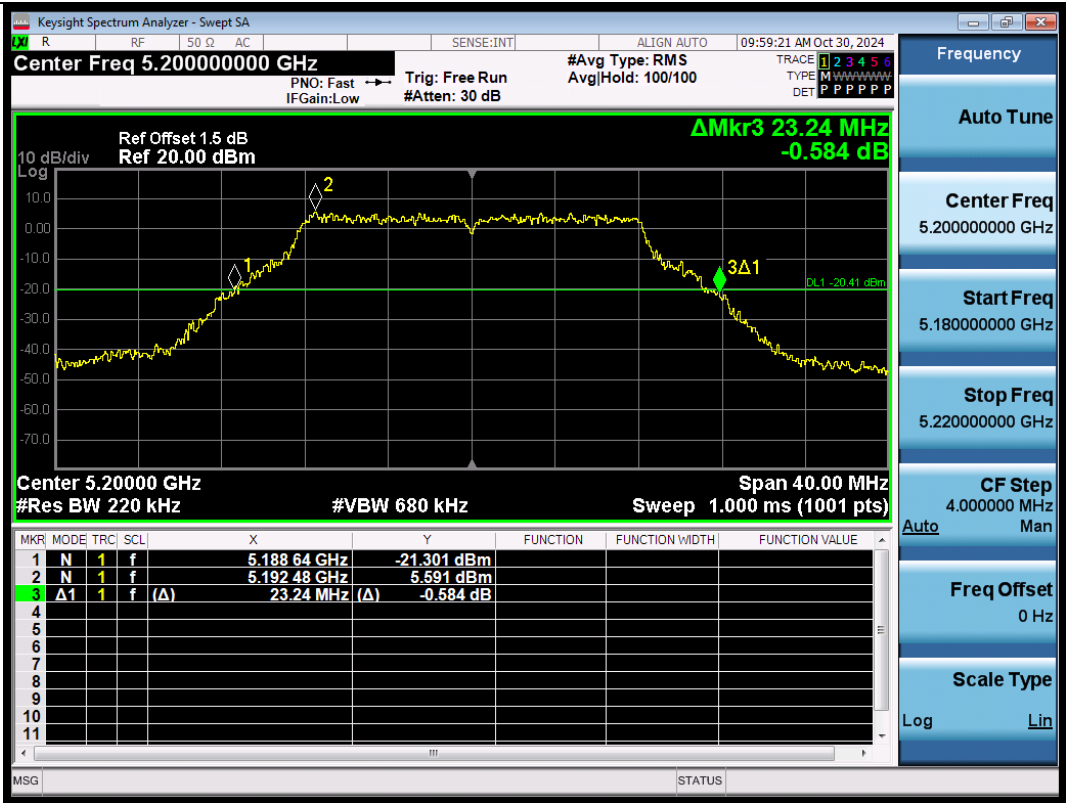
TestMode	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	5180	22.920	5168.760	5191.680	---	---
11A	5200	23.240	5188.640	5211.880	---	---
11A	5240	22.560	5228.880	5251.440	---	---
11A	5260	22.800	5248.600	5271.400	---	---
11A	5280	22.840	5268.560	5291.400	---	---
11A	5320	23.120	5308.760	5331.880	---	---
11A	5500	22.680	5488.760	5511.440	---	---
11A	5580	22.840	5568.320	5591.160	---	---
11A	5700	23.200	5688.720	5711.920	---	---
11A	5745	22.760	5733.480	5756.240	---	---
11A	5785	23.480	5773.240	5796.720	---	---
11A	5825	22.480	5813.800	5836.280	---	---
11N20	5180	23.320	5168.400	5191.720	---	---
11N20	5200	23.360	5188.240	5211.600	---	---
11N20	5240	23.600	5228.320	5251.920	---	---
11N20	5260	23.240	5248.240	5271.480	---	---
11N20	5280	23.120	5268.520	5291.640	---	---
11N20	5320	23.280	5308.240	5331.520	---	---
11N20	5500	22.680	5488.760	5511.440	---	---
11N20	5580	23.280	5568.200	5591.480	---	---
11N20	5700	23.360	5688.480	5711.840	---	---
11N20	5745	22.920	5733.680	5756.600	---	---
11N20	5785	23.160	5773.600	5796.760	---	---
11N20	5825	23.200	5813.520	5836.720	---	---
11N40	5190	45.440	5167.200	5212.640	---	---
11N40	5230	44.800	5207.440	5252.240	---	---
11N40	5270	45.040	5247.520	5292.560	---	---
11N40	5310	45.120	5287.200	5332.320	---	---
11N40	5510	44.640	5487.040	5531.680	---	---
11N40	5550	45.680	5526.960	5572.640	---	---
11N40	5670	43.760	5648.240	5692.000	---	---
11N40	5755	44.080	5732.680	5776.760	---	---
11N40	5795	44.080	5772.920	5817.000	---	---
11AC80	5210	91.200	5163.760	5254.960	---	---
11AC80	5290	89.920	5246.000	5335.920	---	---
11AC80	5530	90.240	5484.560	5574.800	---	---
11AC80	5610	90.080	5563.760	5653.840	---	---
11AC80	5775	92.000	5727.960	5819.960	---	---
11AC160	5250	171.200	5165.200	5336.400	---	---
11AC160	5250_UNII-1	84.8	5165.200	5250	---	---
11AC160	5250_UNII-2A	86.4	5250	5336.400	---	---

11AC160	5570	173.760	5482.640	5656.400	---	---
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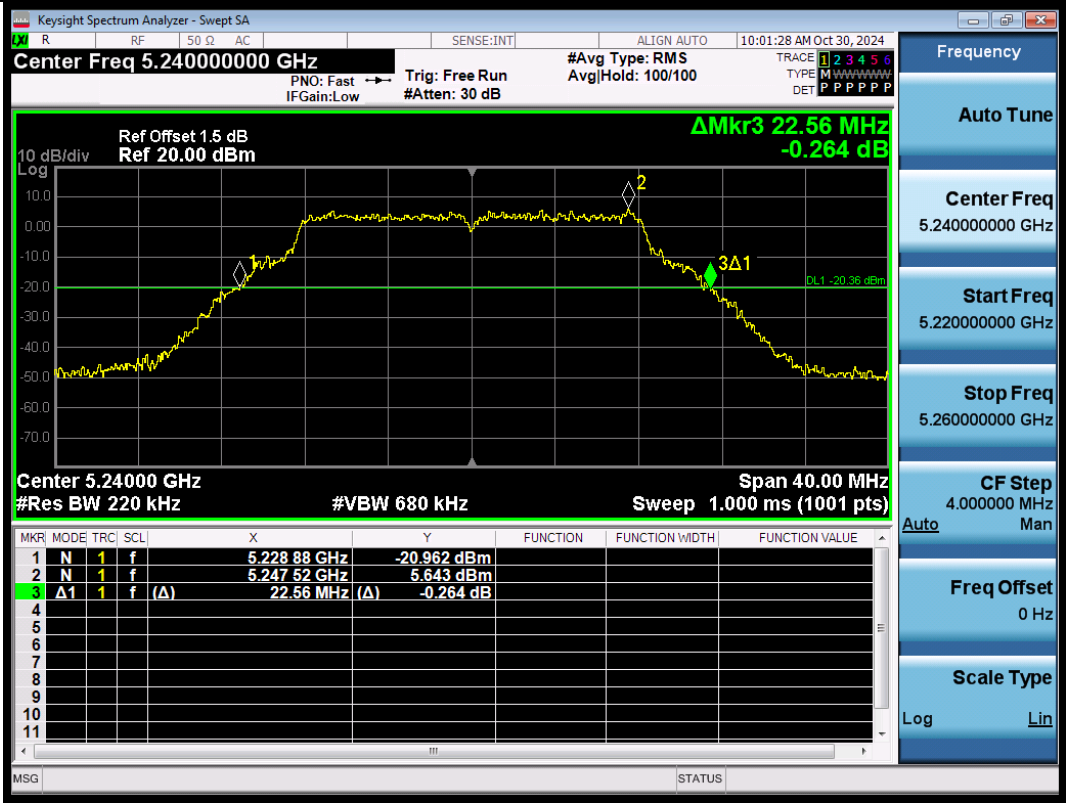
TestMode	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	5720	23.480	5708.440	5731.920	---	---
11A	5720_UNII-2C	16.56	5708.440	5725	---	---
11A	5720_UNII-3	6.92	5725	5731.920	---	---
11N20	5720	22.880	5708.520	5731.400	---	---
11N20	5720_UNII-2C	16.48	5708.520	5725	---	---
11N20	5720_UNII-3	6.4	5725	5731.400	---	---
11N40	5710	44.400	5687.440	5731.840	---	---
11N40	5710_UNII-2C	37.56	5687.440	5725	---	---
11N40	5710_UNII-3	6.84	5725	5731.840	---	---
11AC80	5690	89.440	5644.560	5734.000	---	---
11AC80	5690_UNII-2C	80.44	5644.560	5725	---	---
11AC80	5690_UNII-3	9	5725	5734.000	---	---

Test Graphs

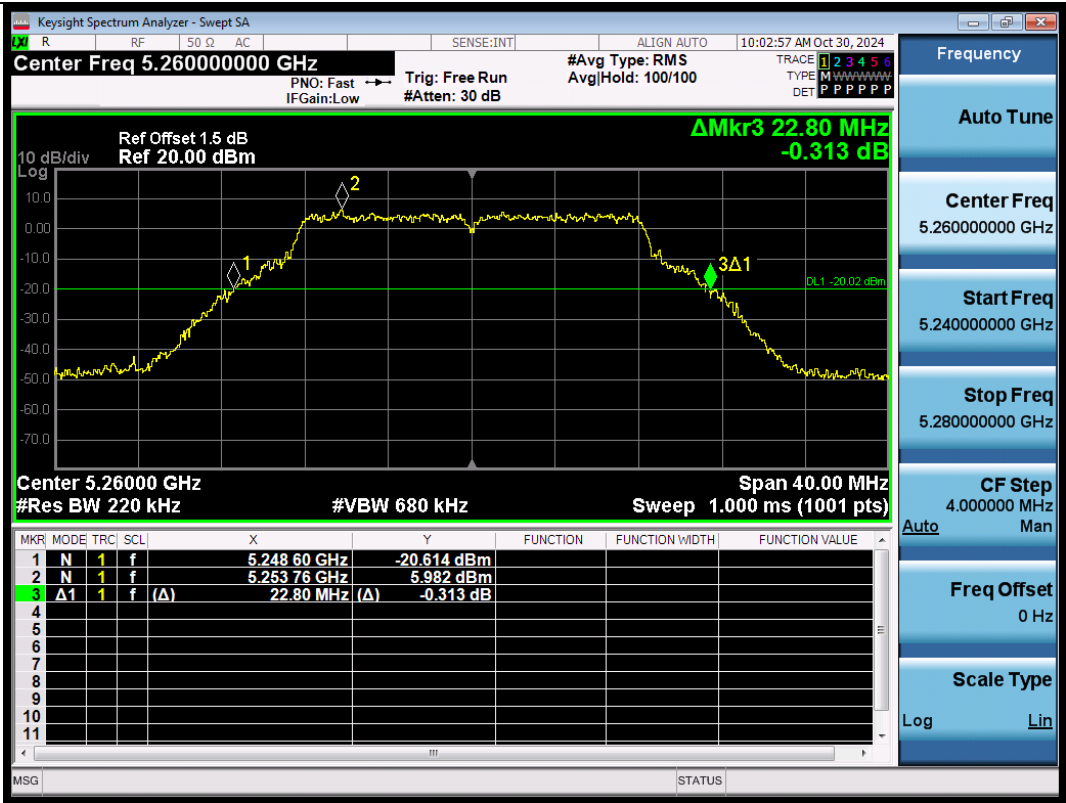




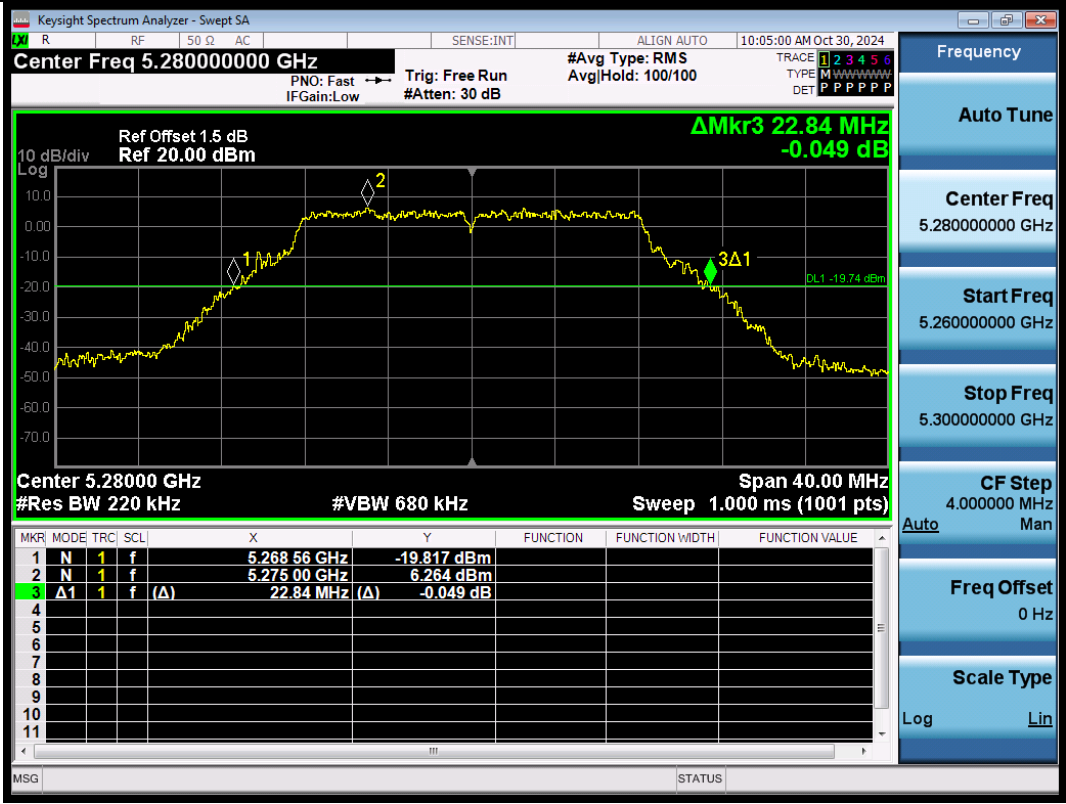
11A-5200



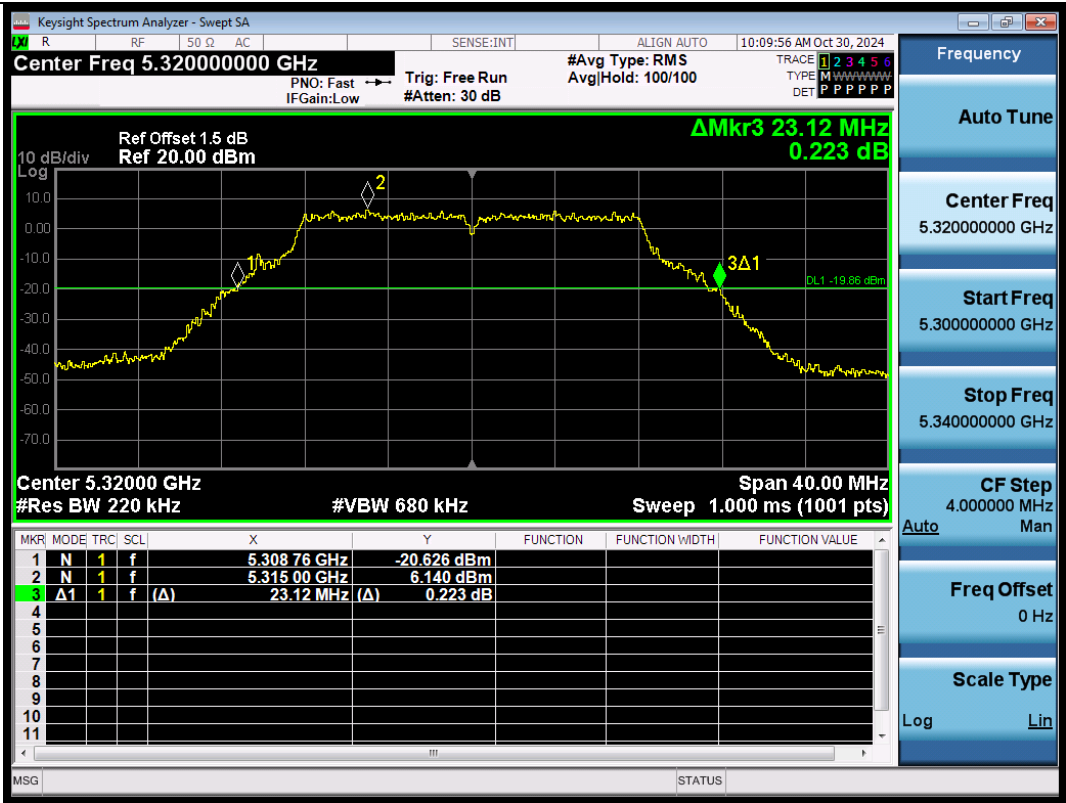
11A-5240



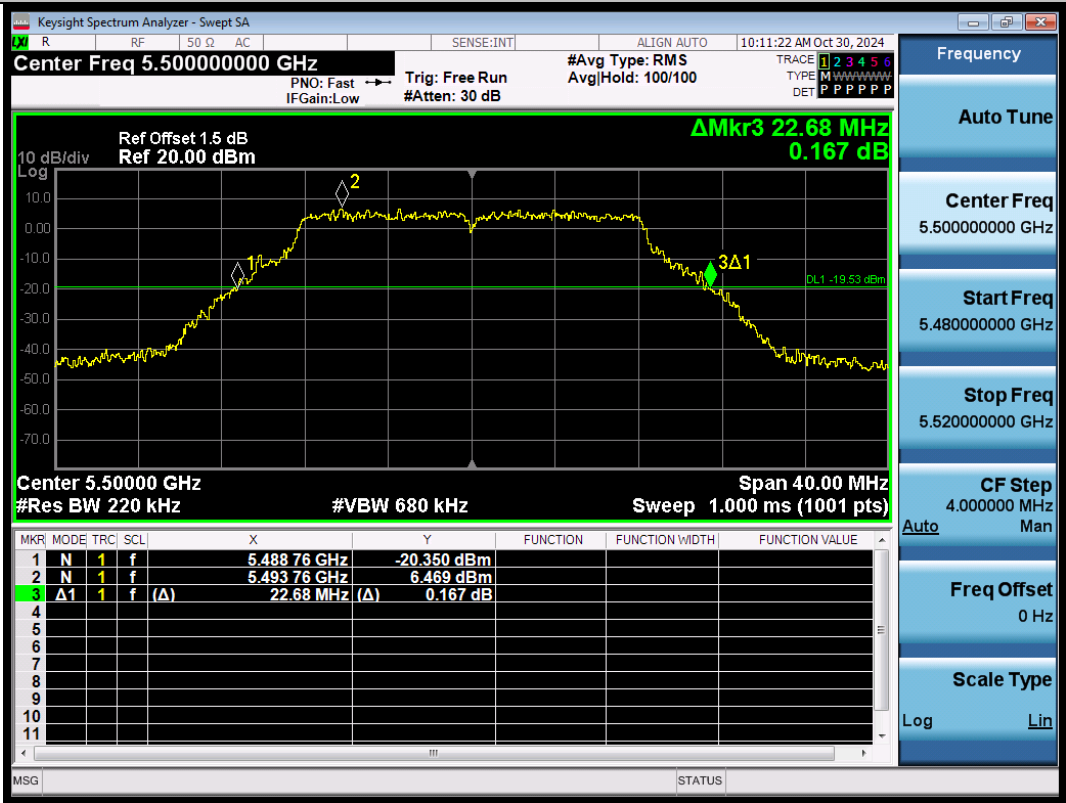
11A-5260



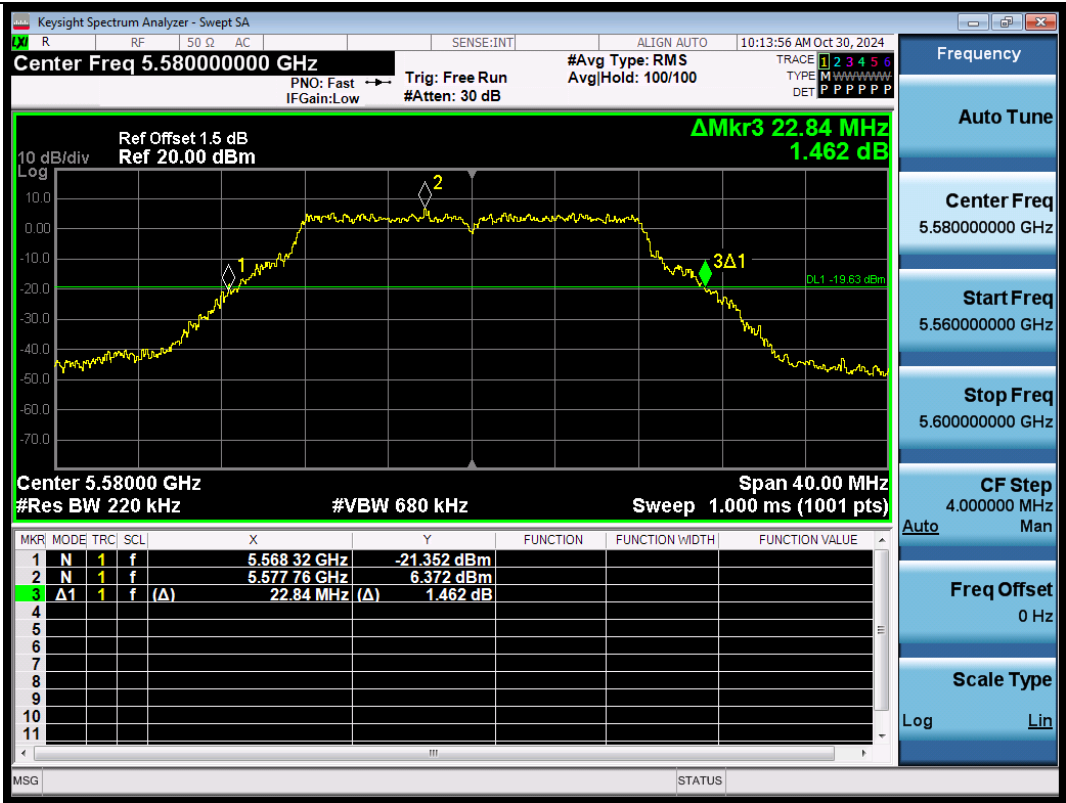
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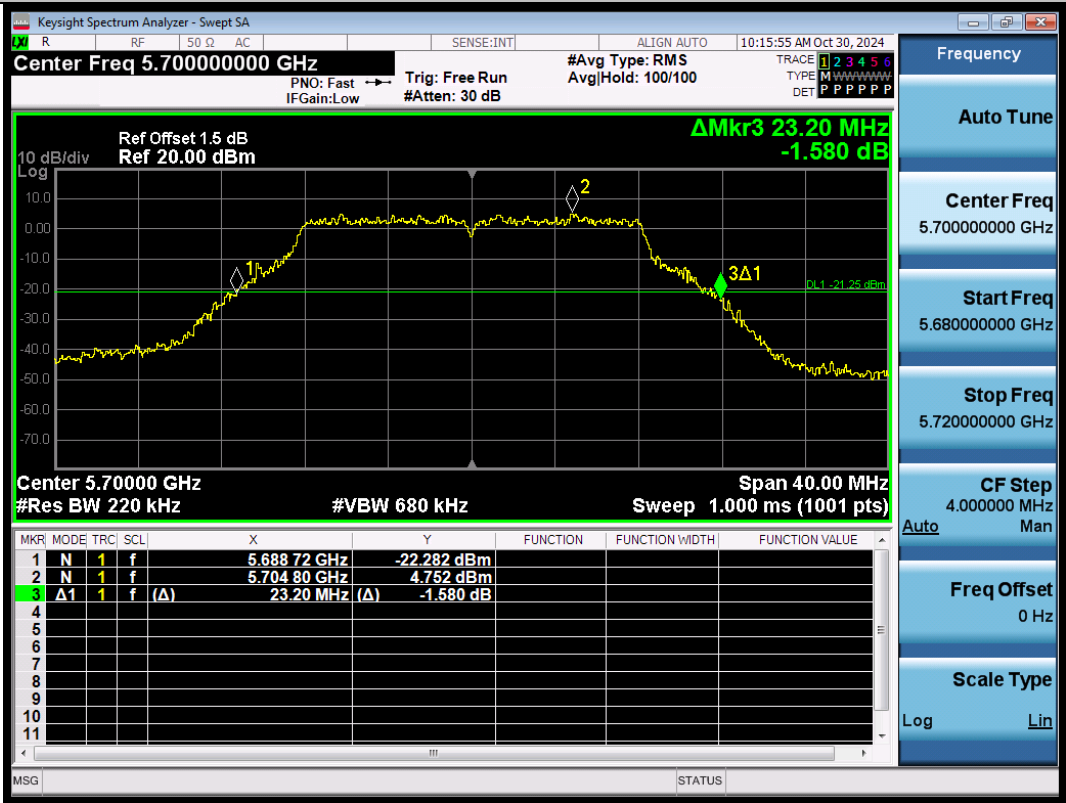
11A-5320



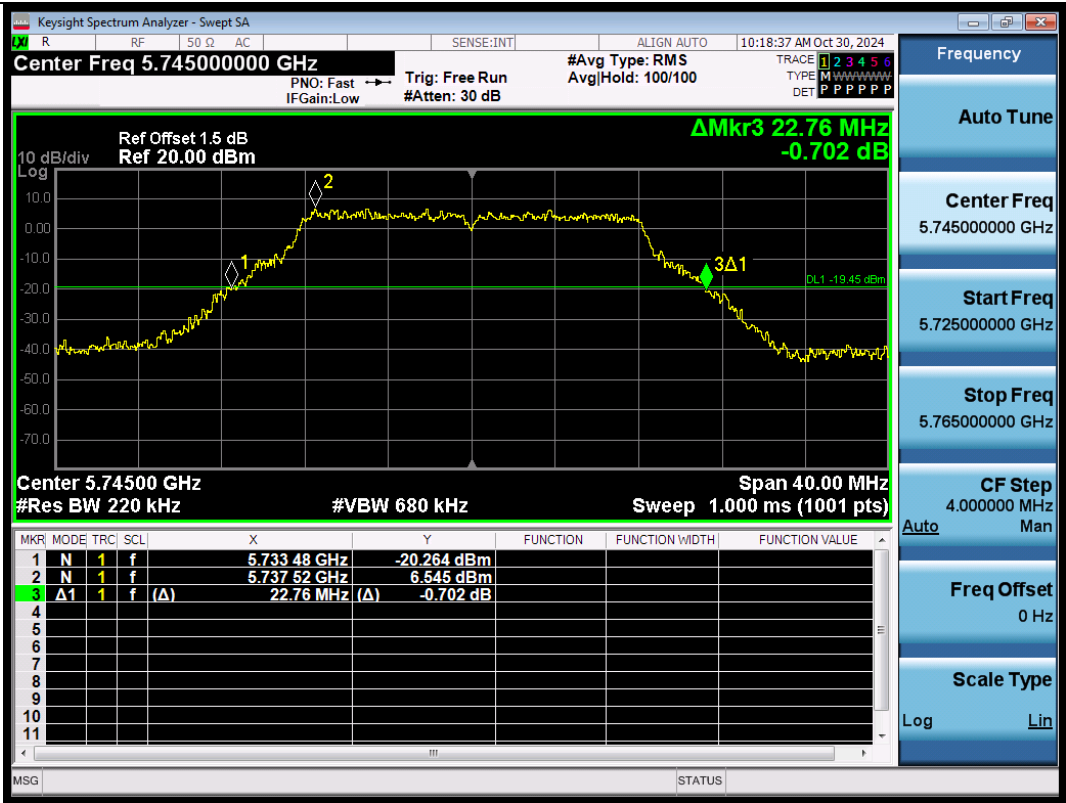
11A-5500



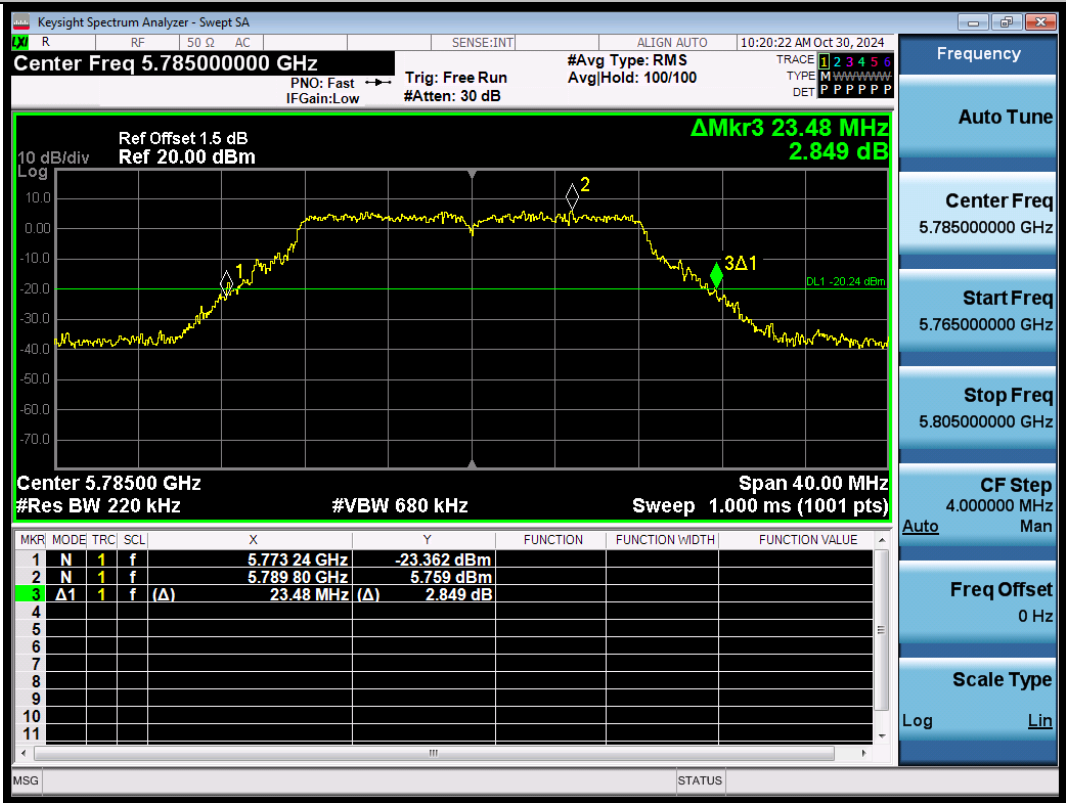
11A-5580



11A-5700



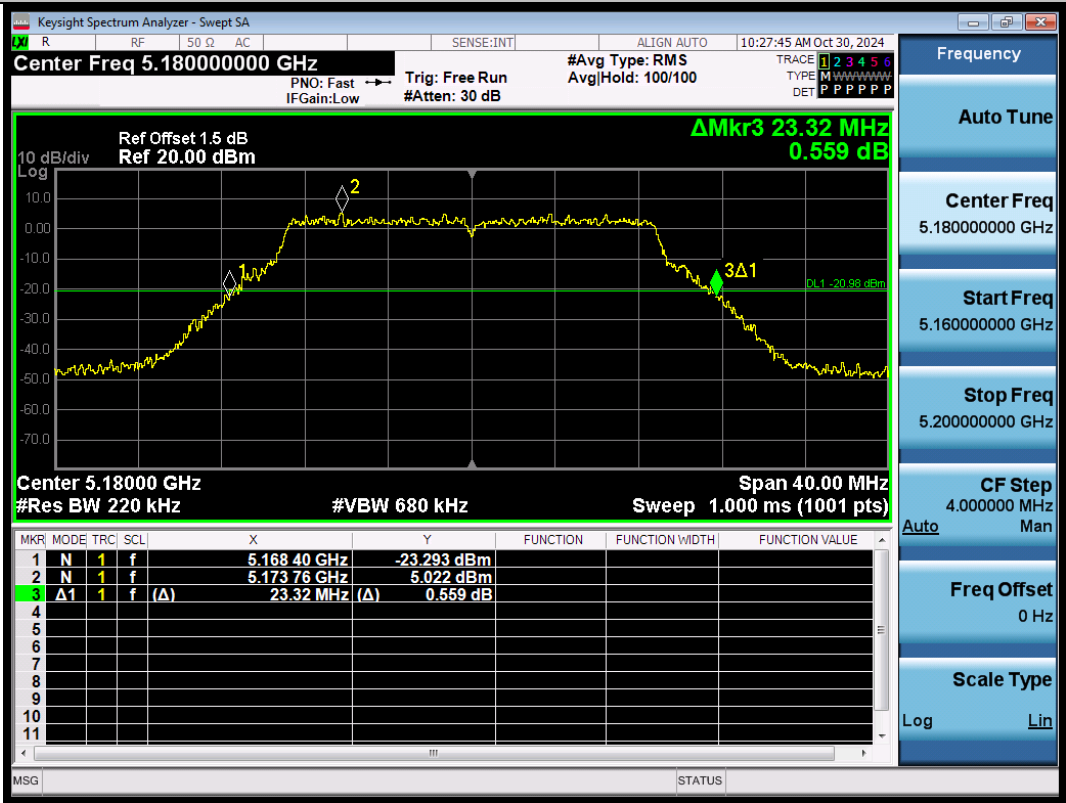
11A-5745



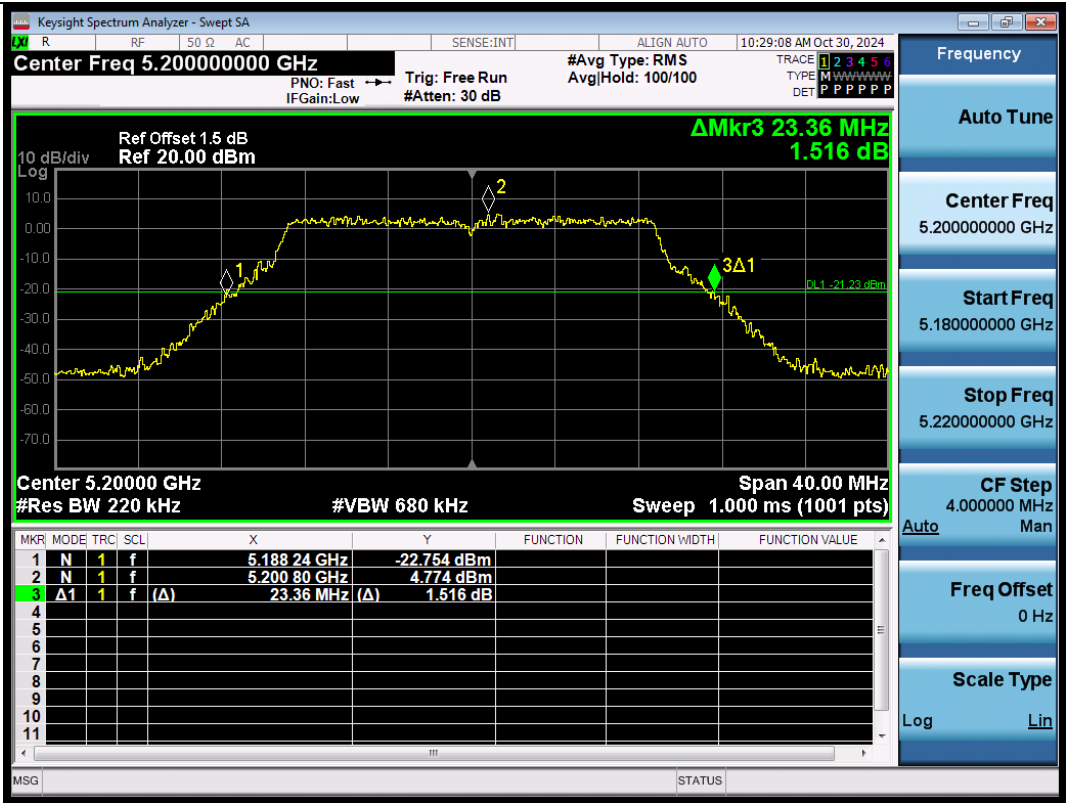
11A-5785



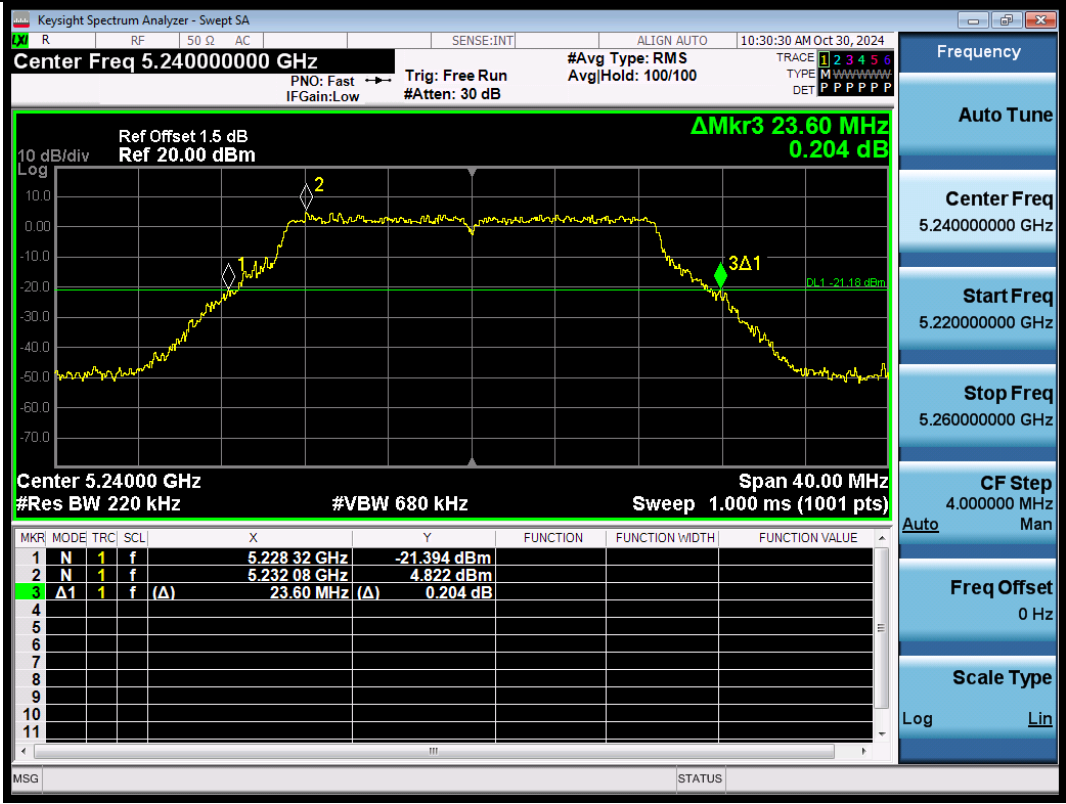
11A-5825



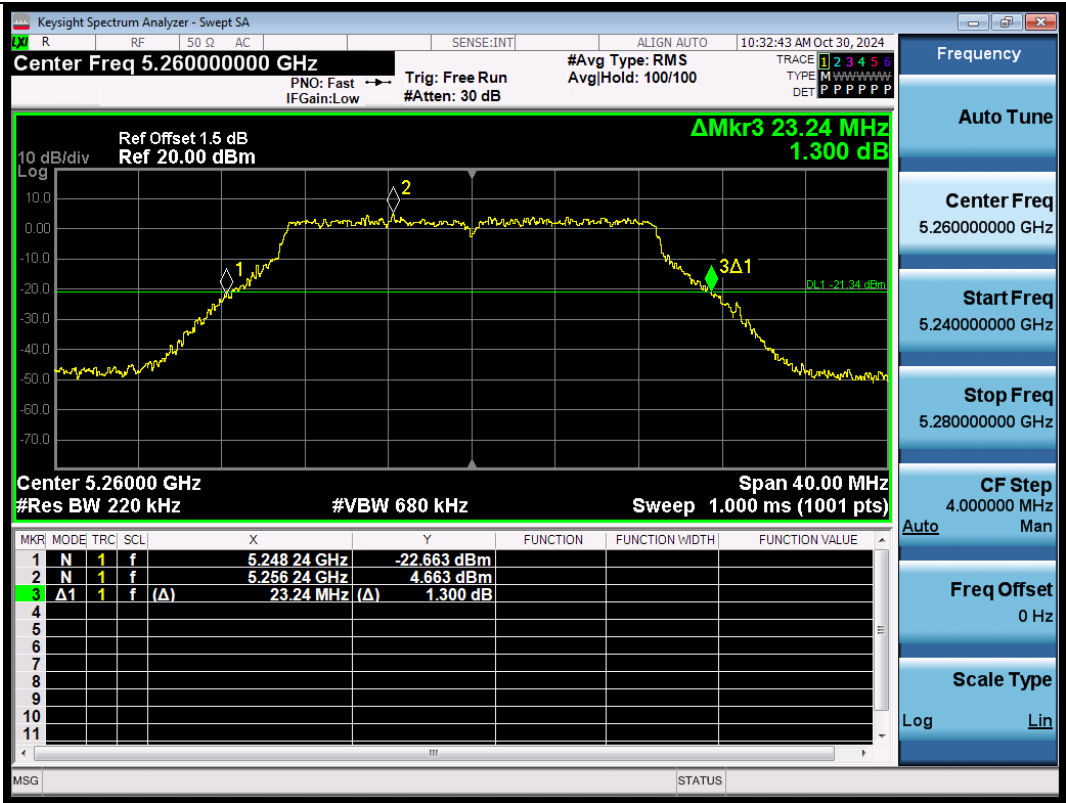
11N20-5180



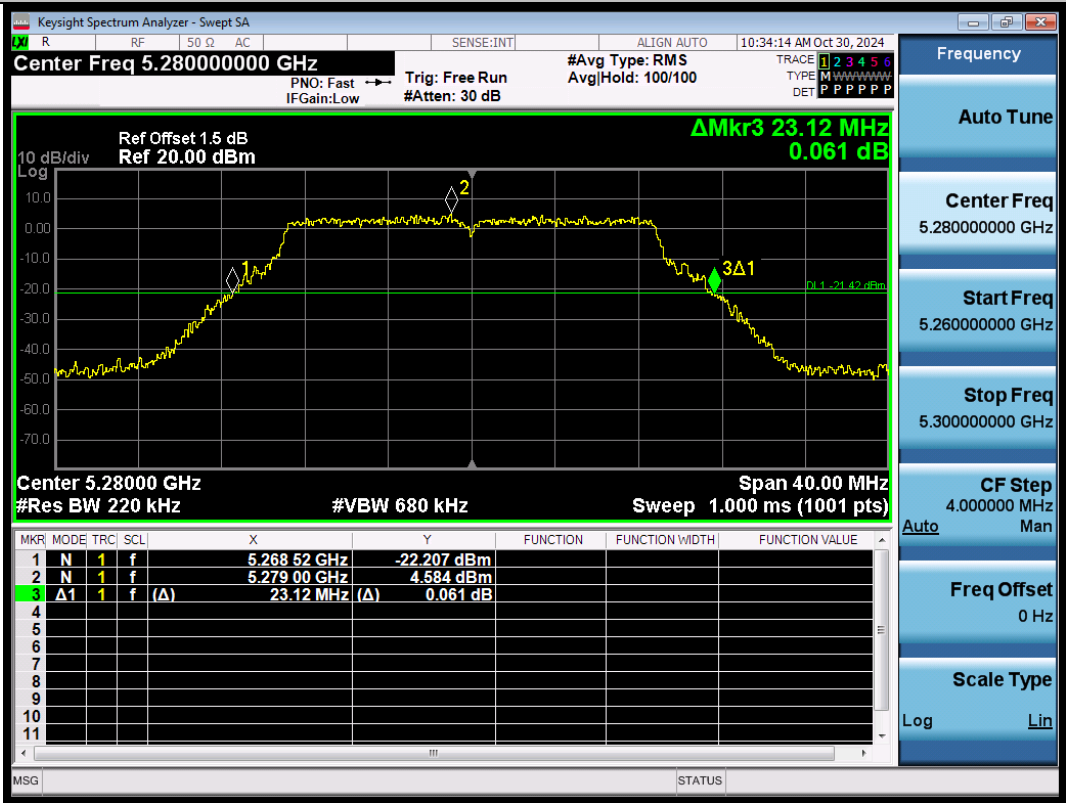
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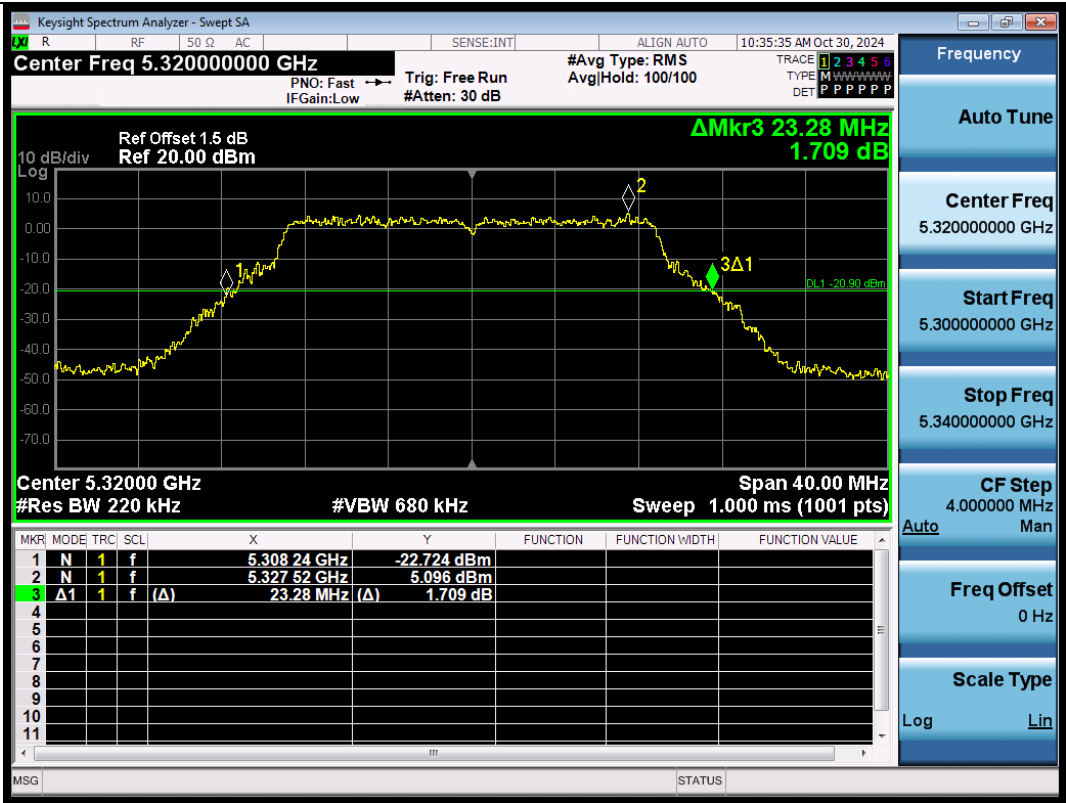
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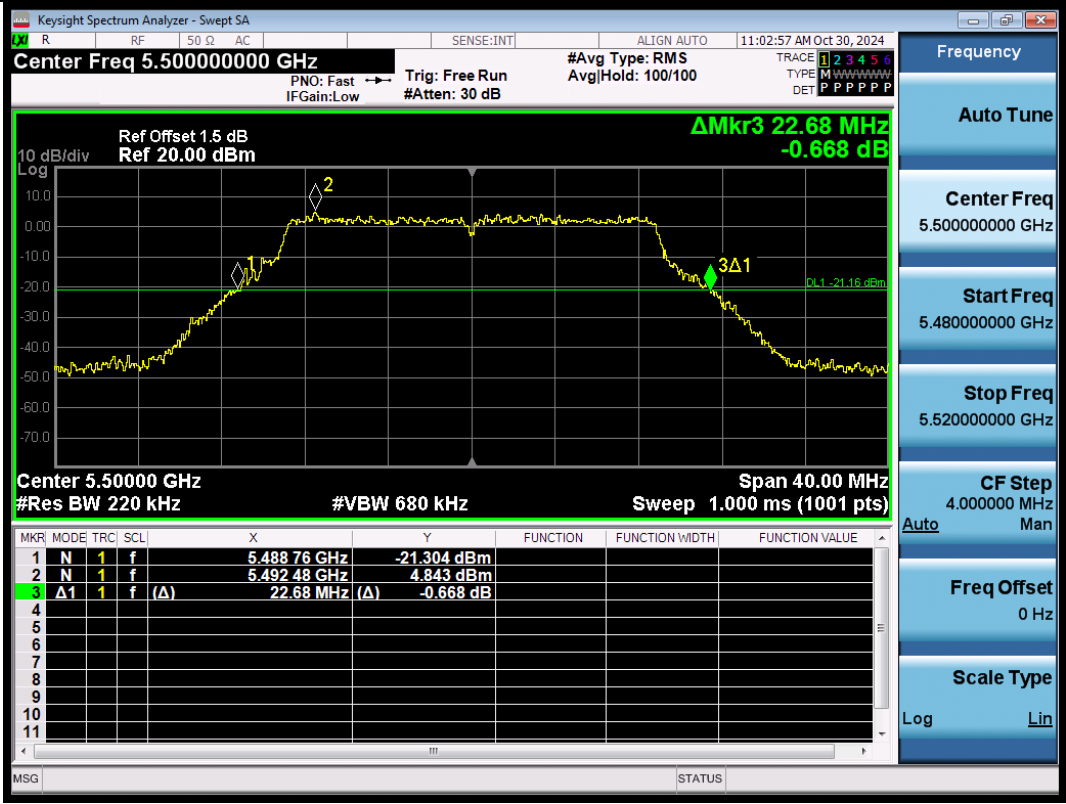
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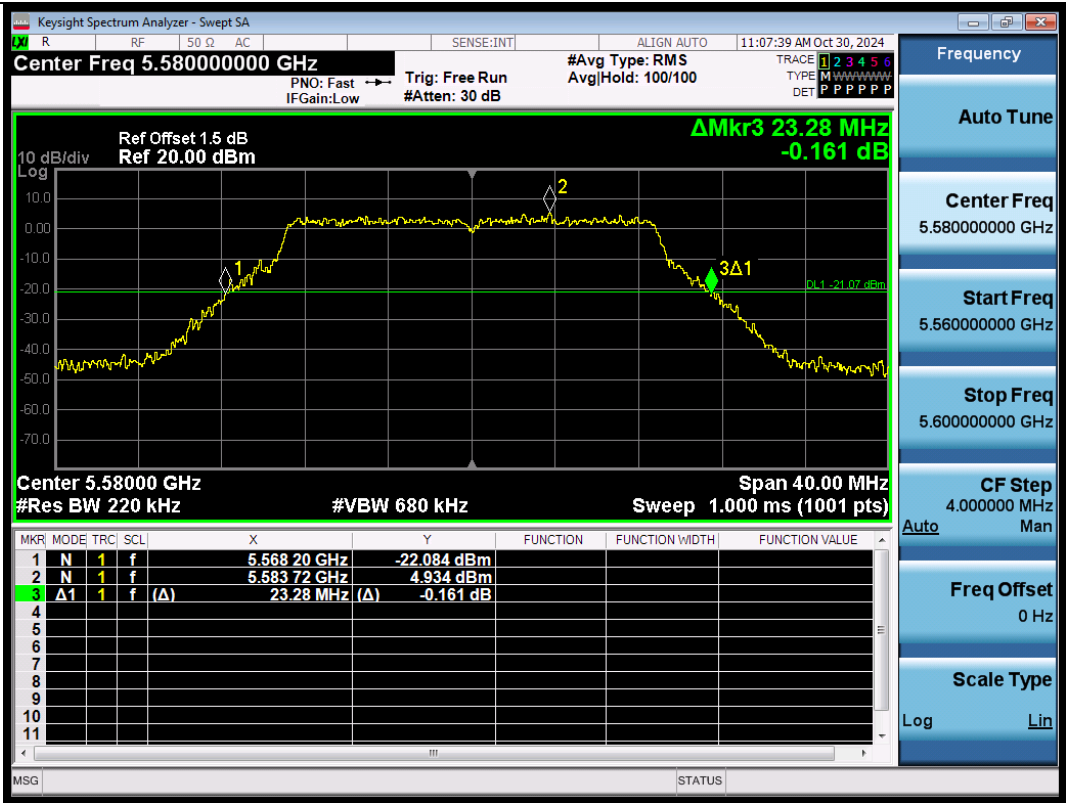
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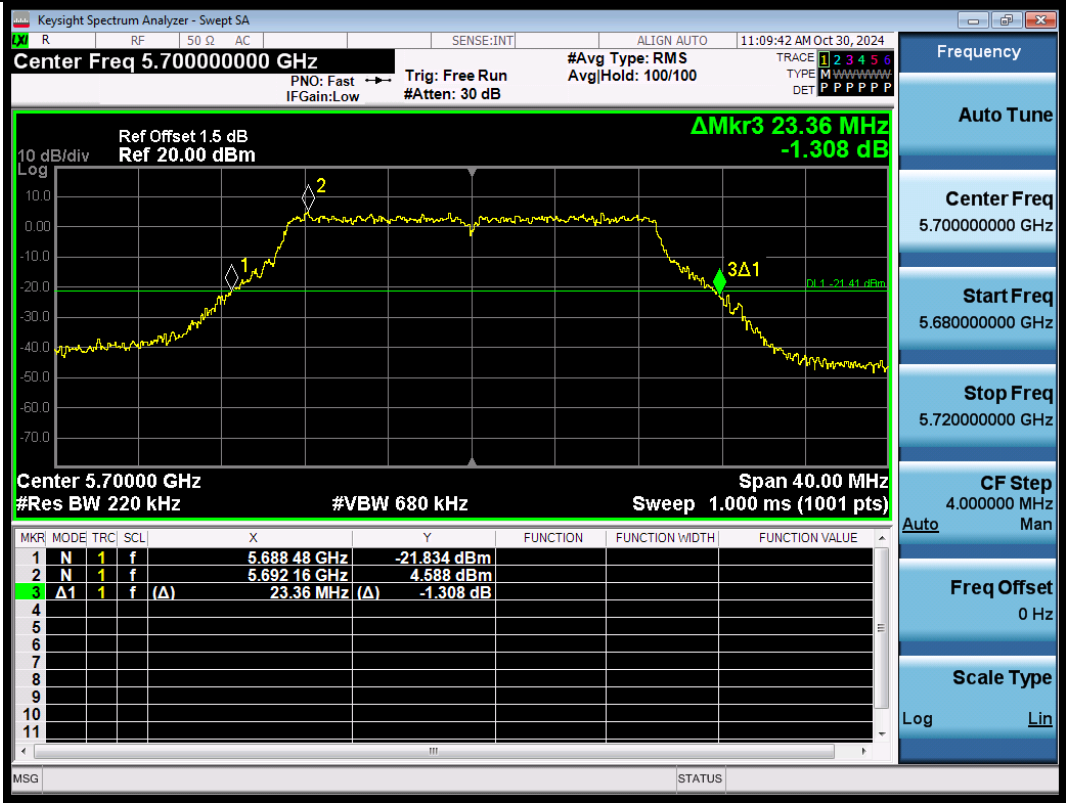
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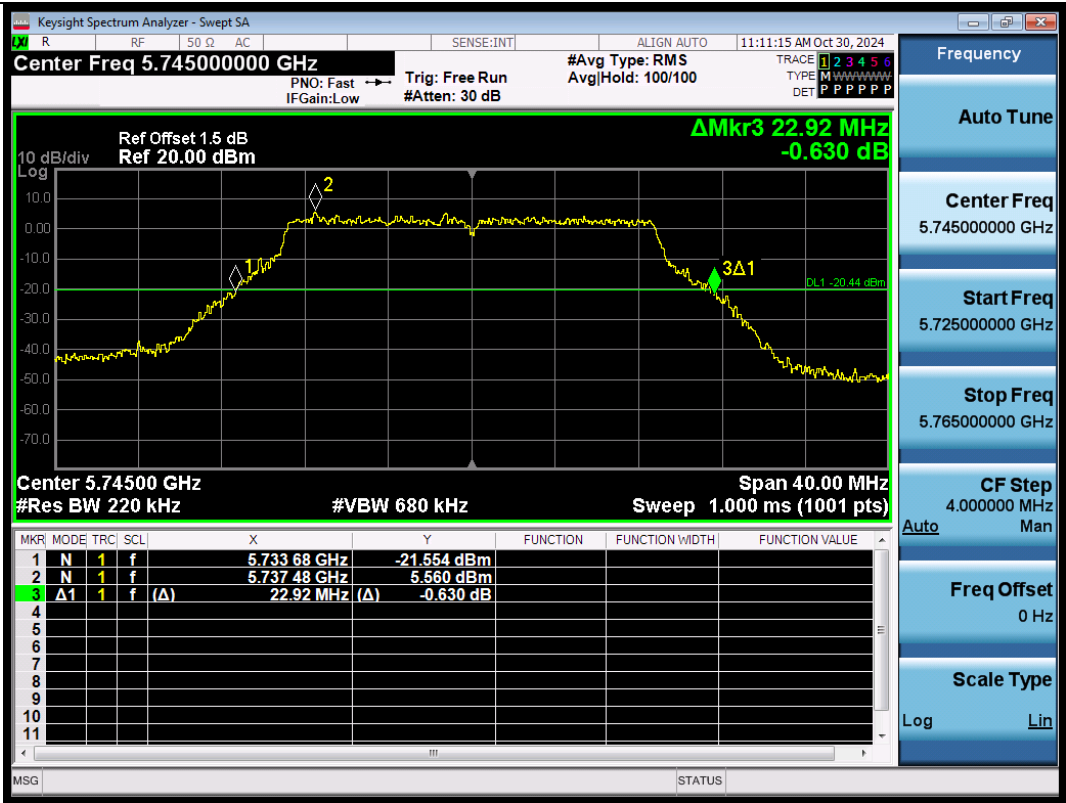
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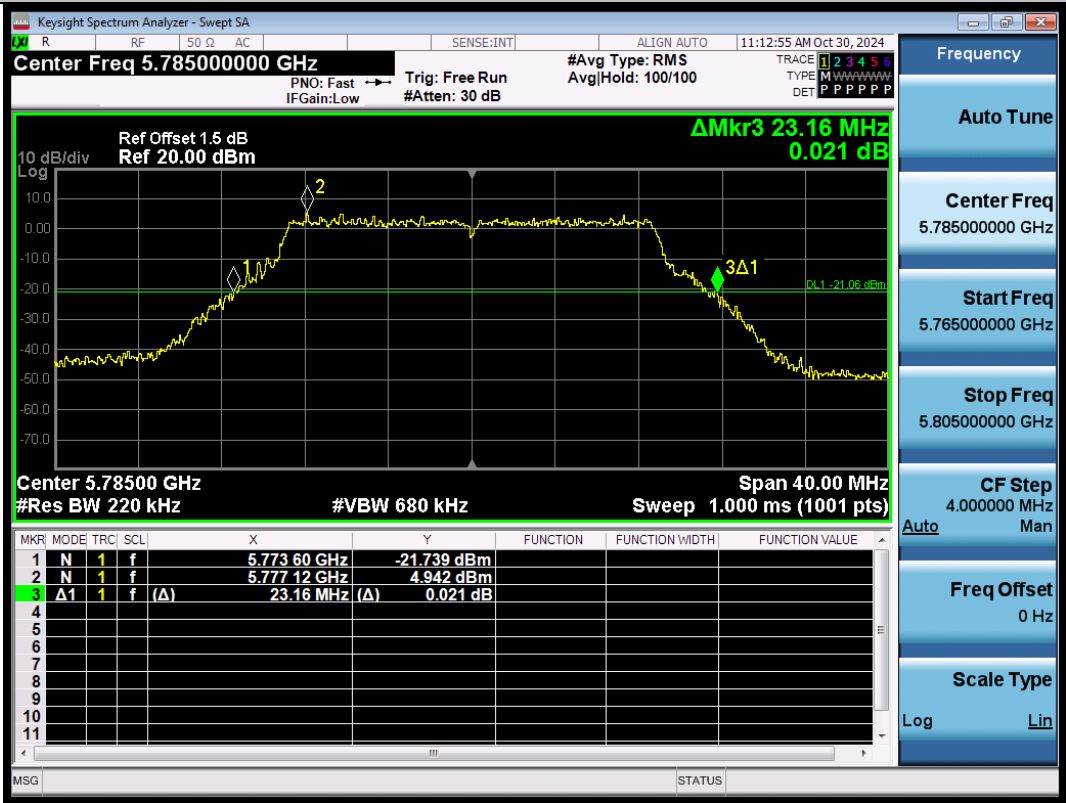
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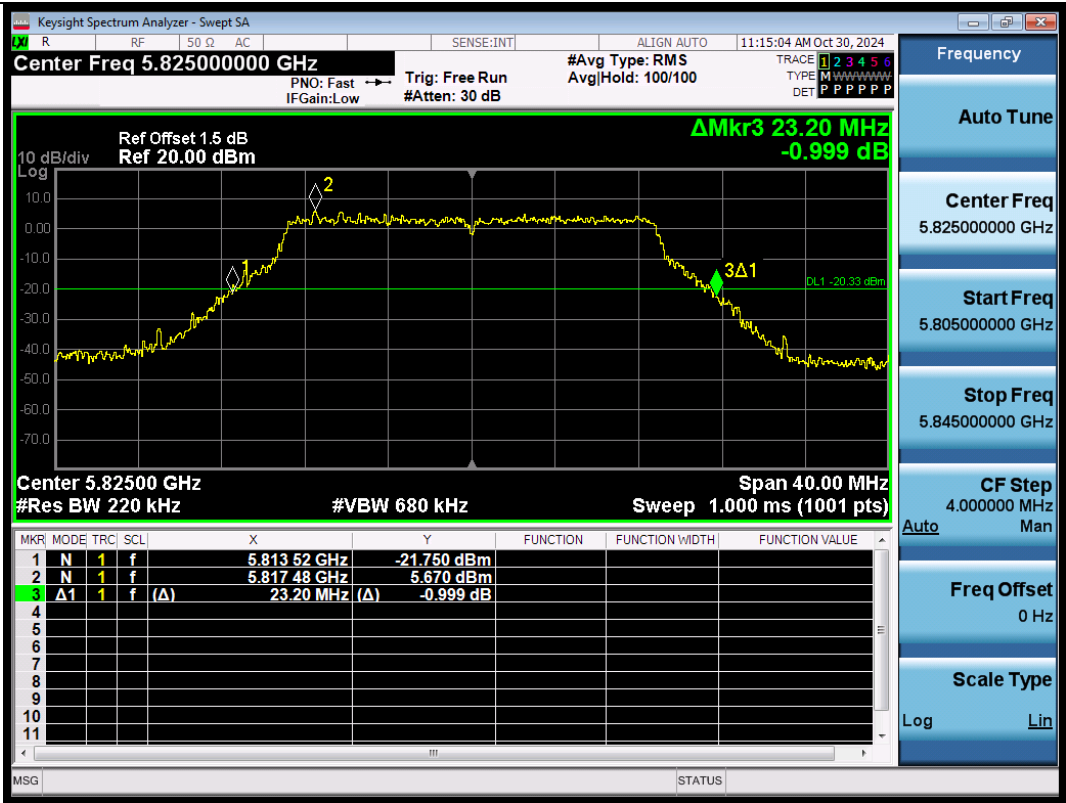
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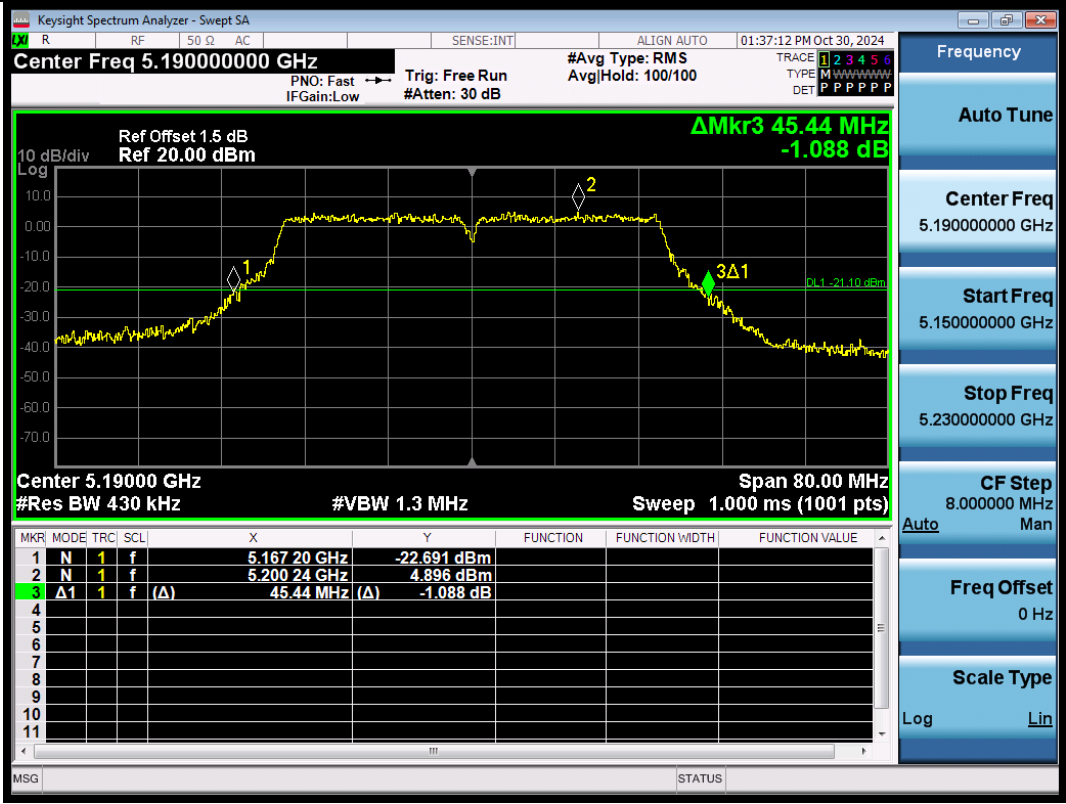
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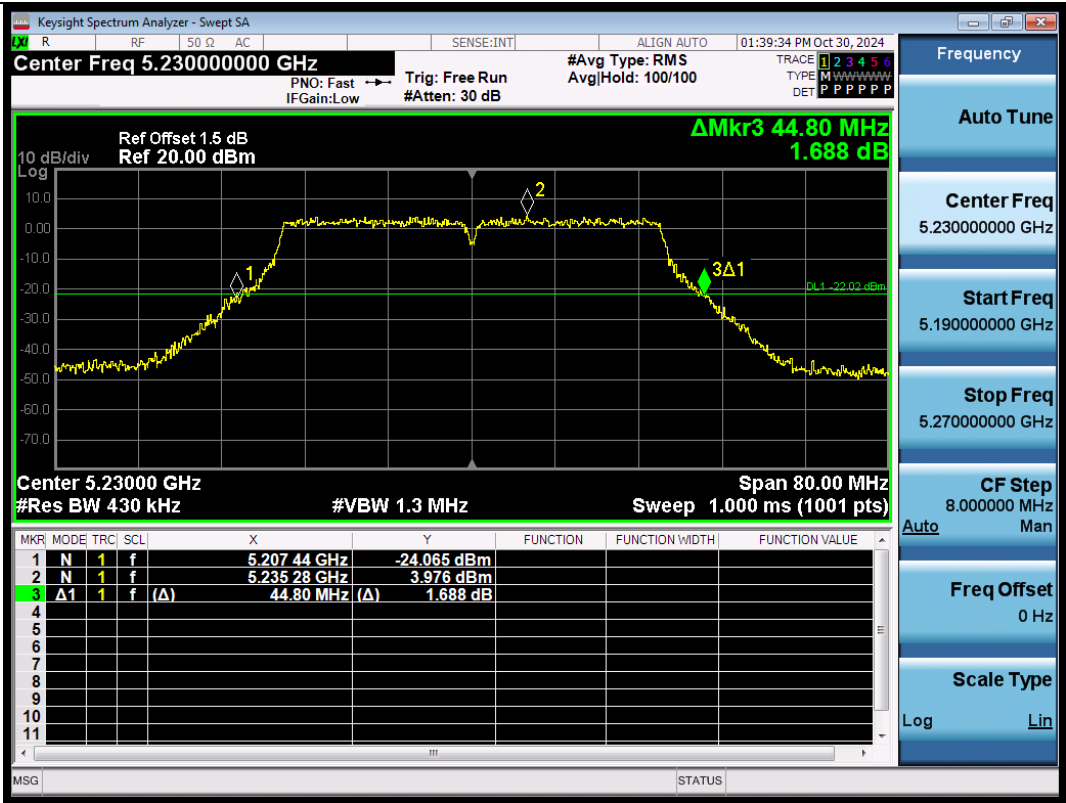
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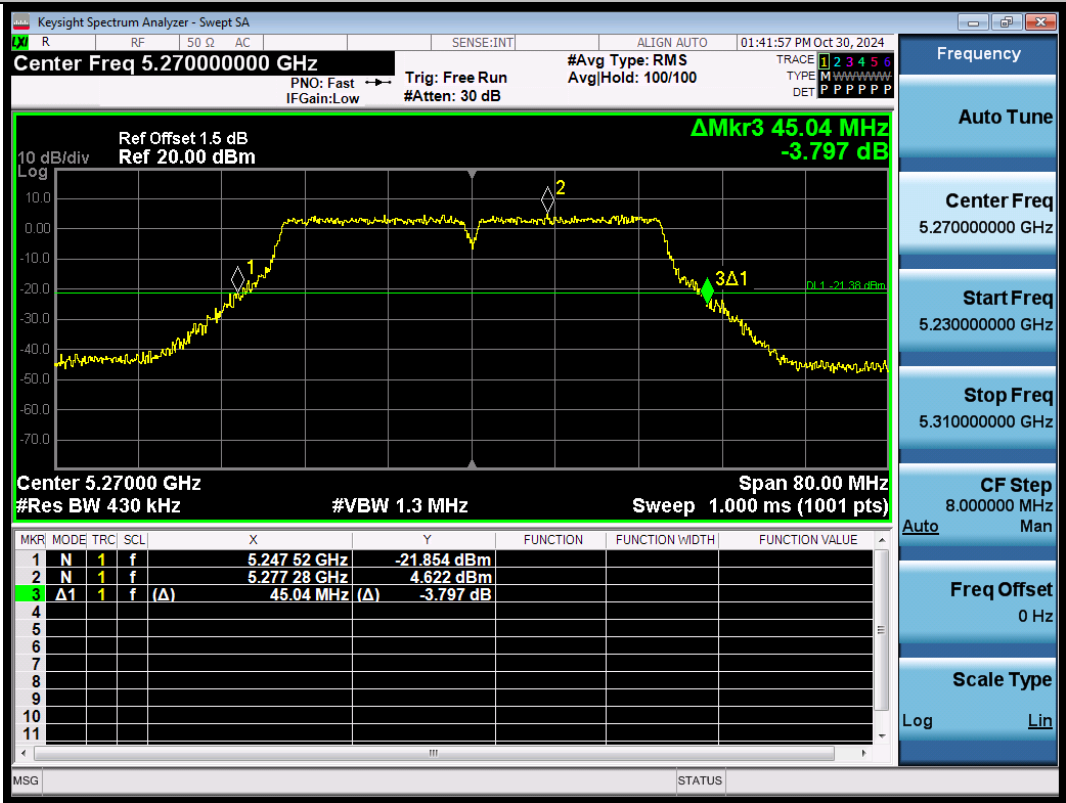
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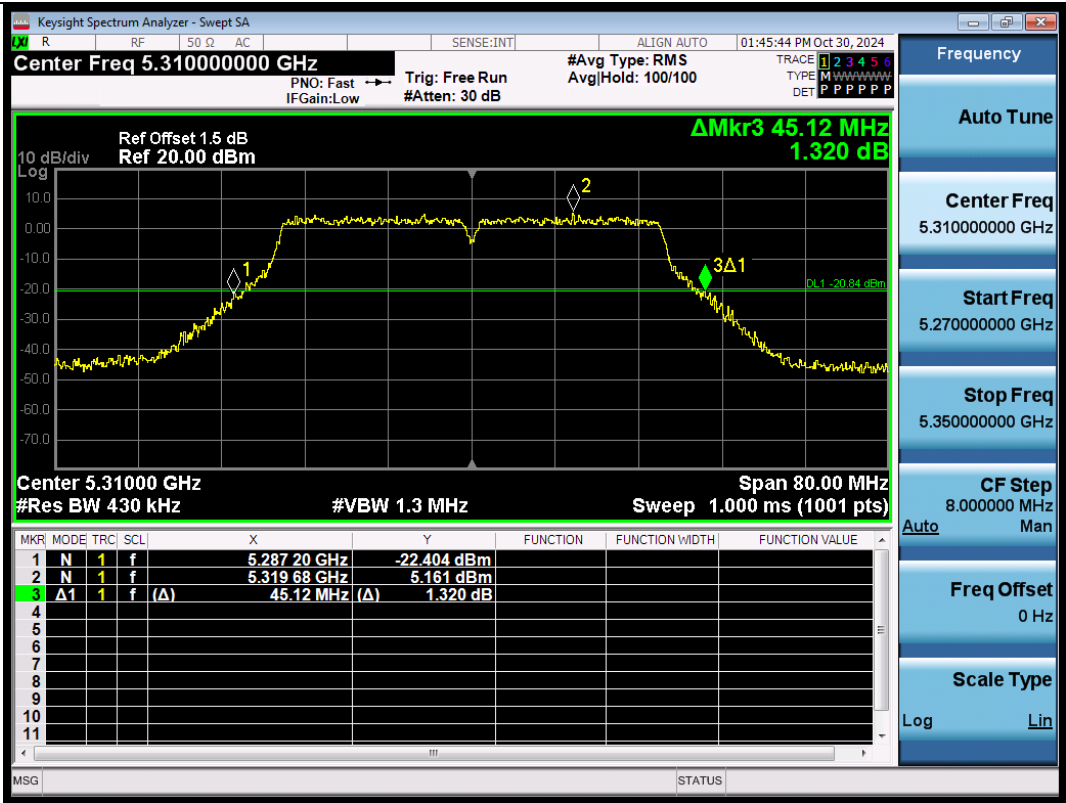
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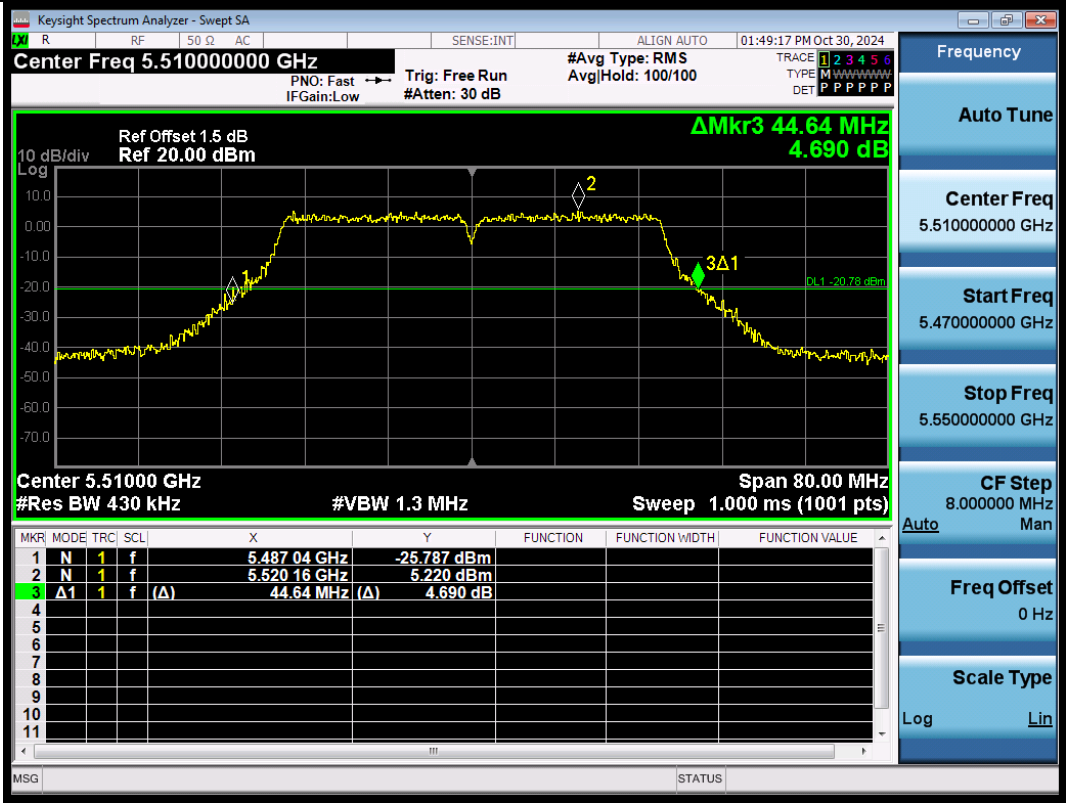
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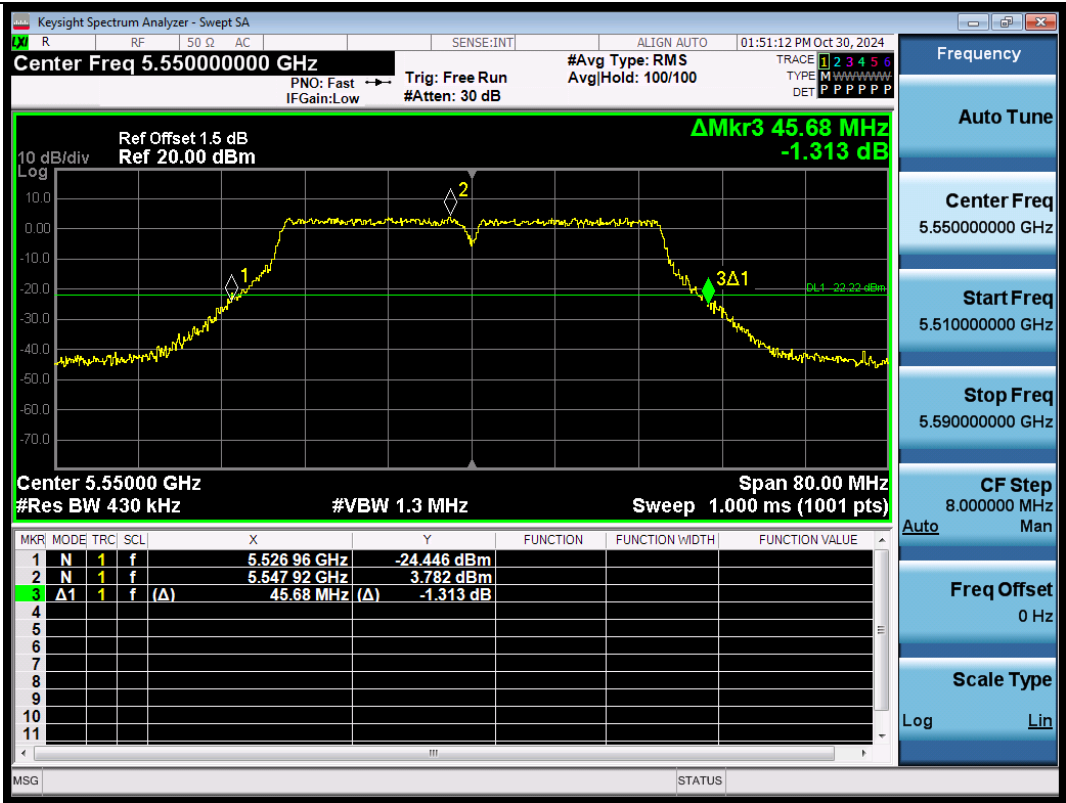
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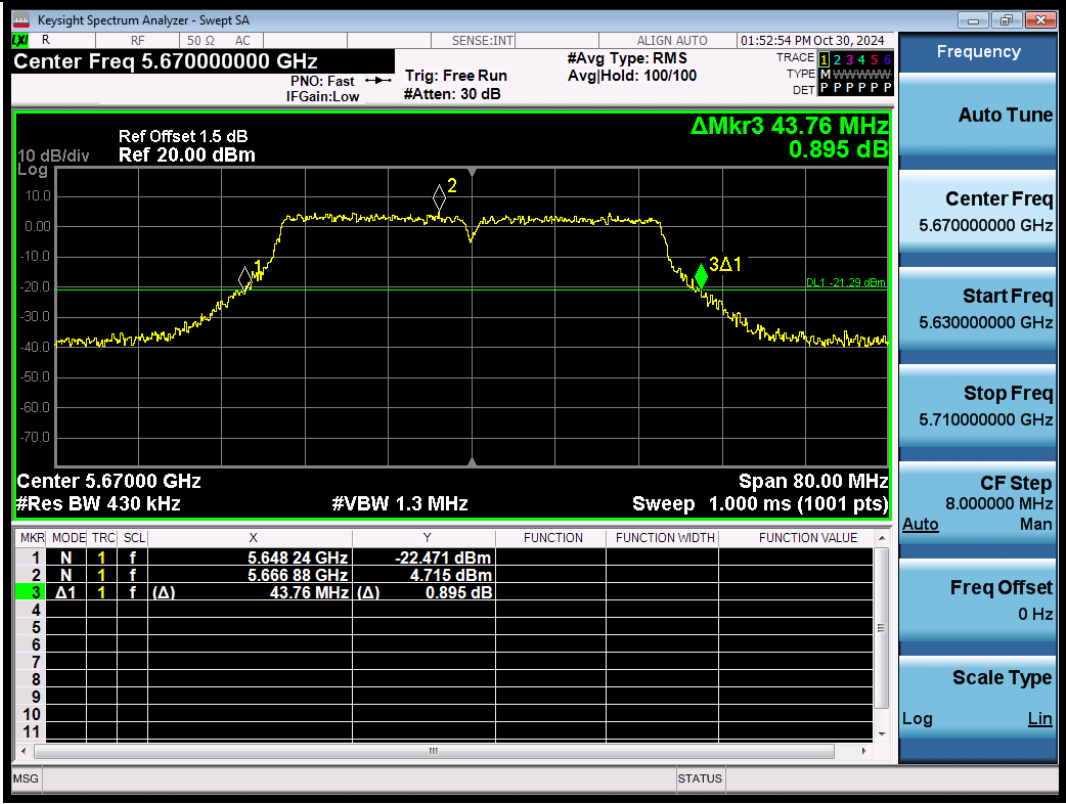
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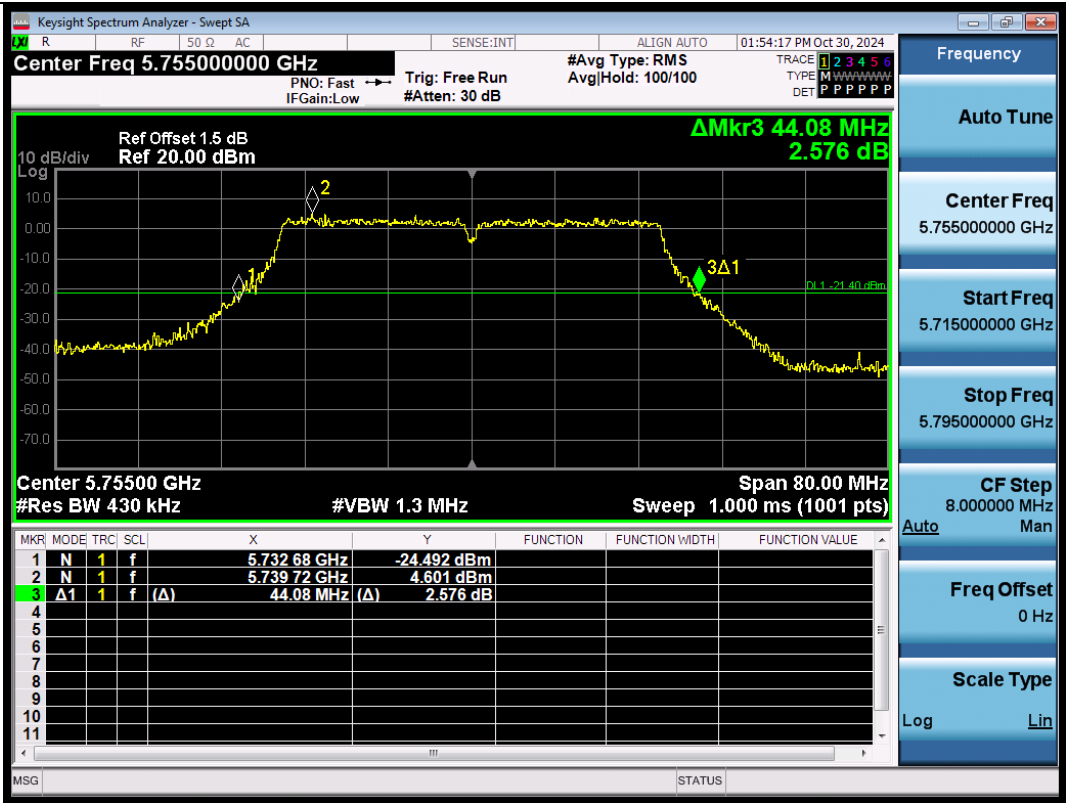
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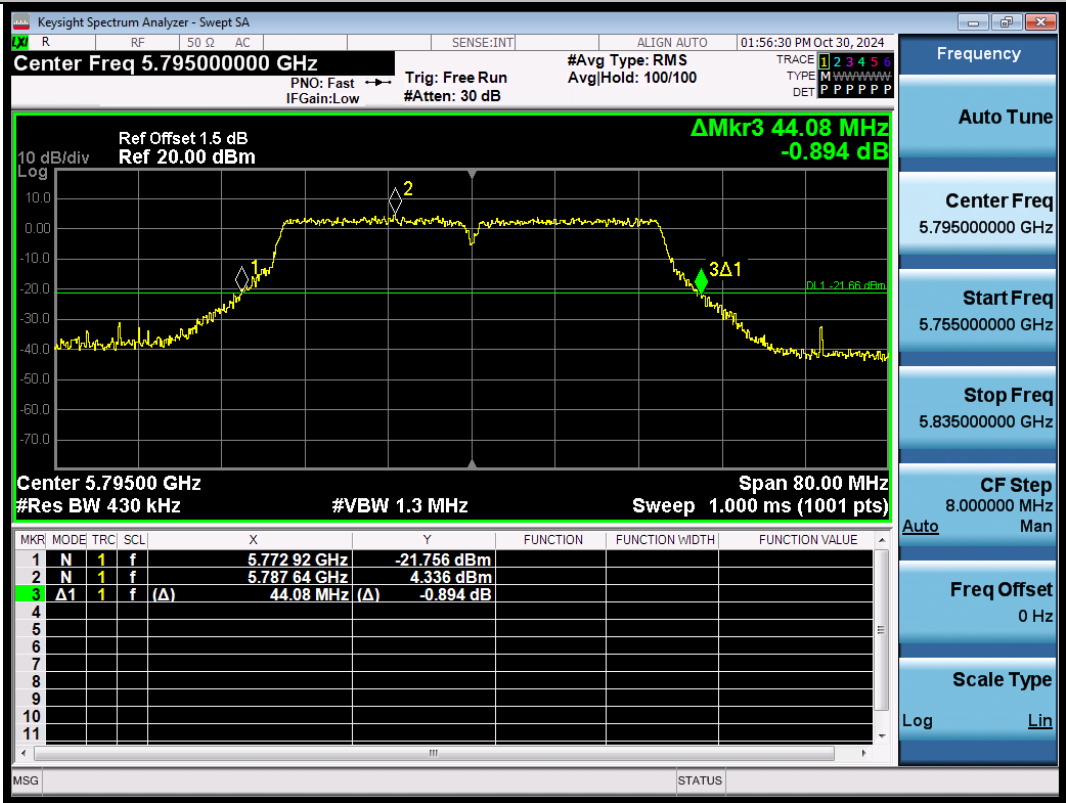
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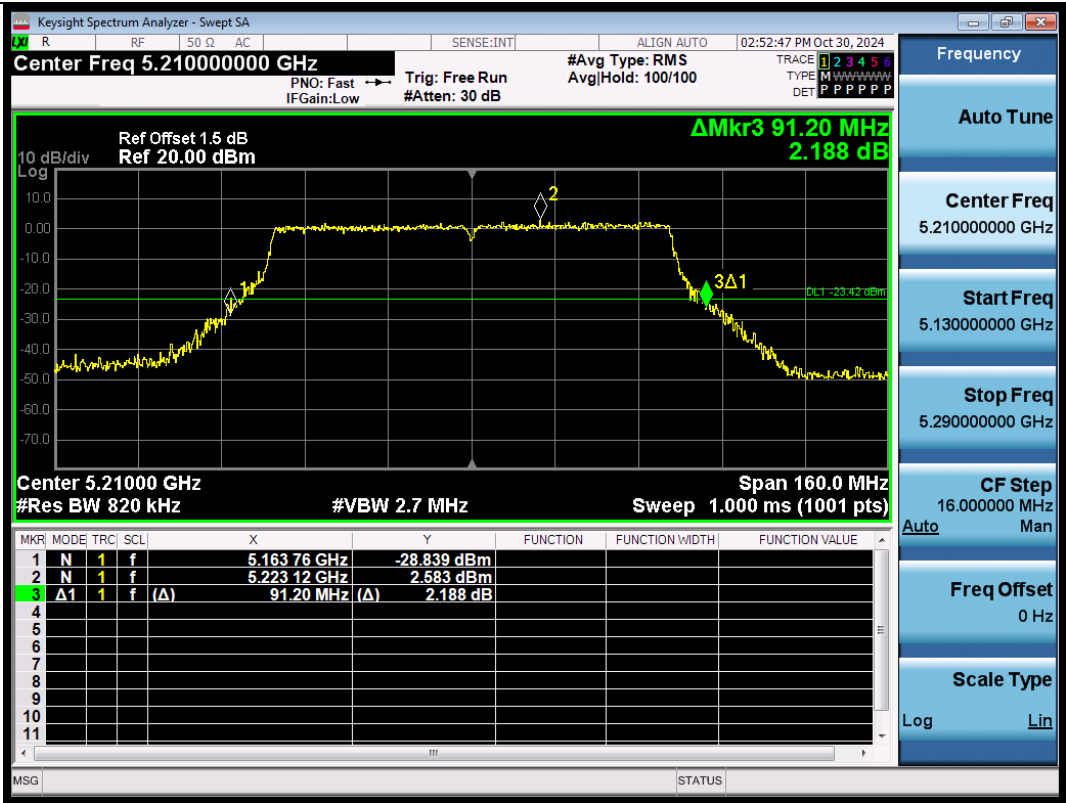
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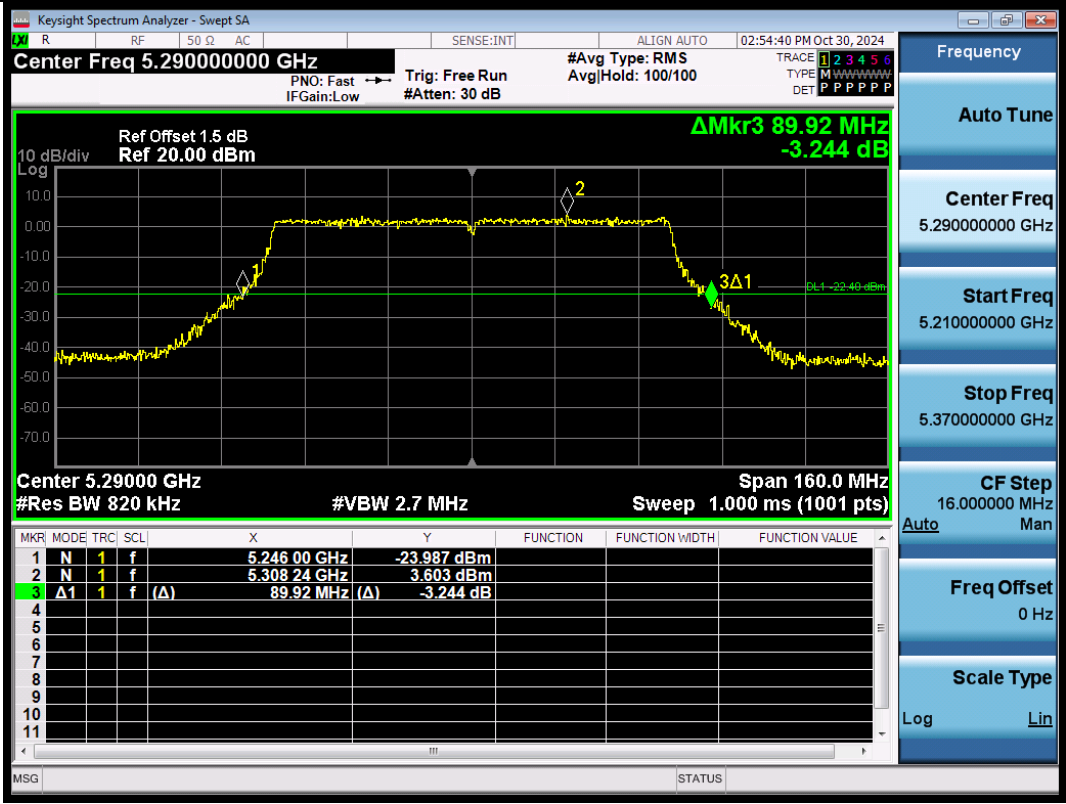
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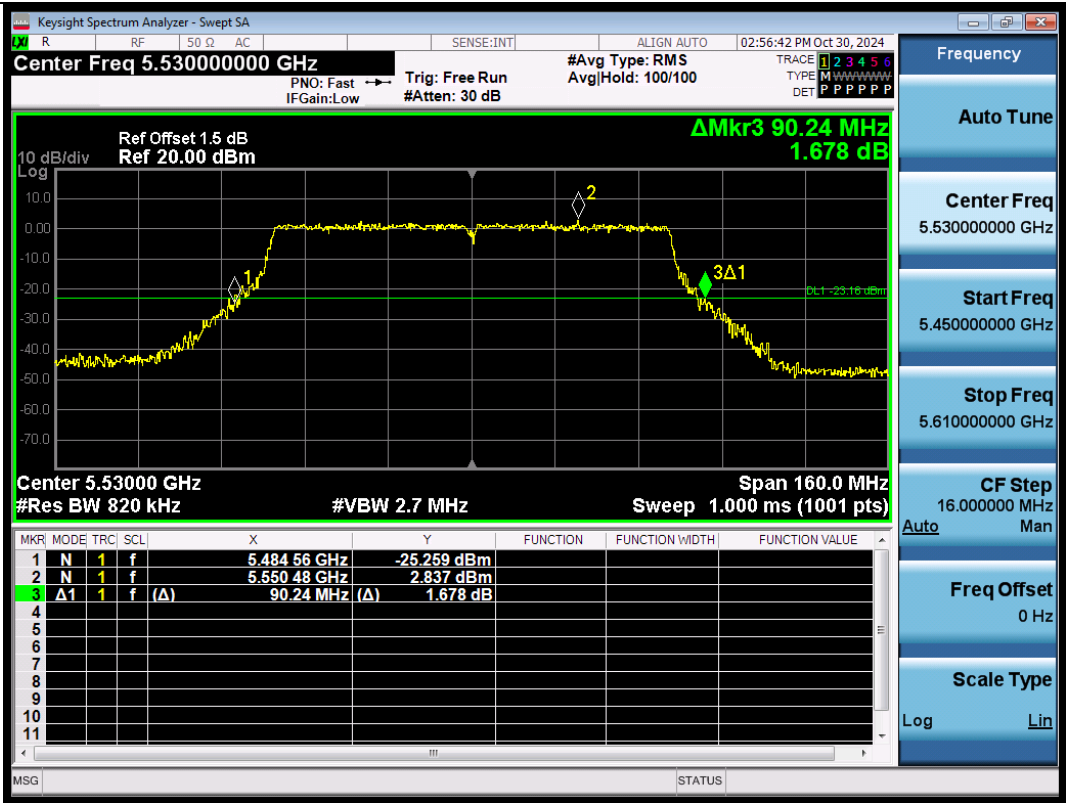
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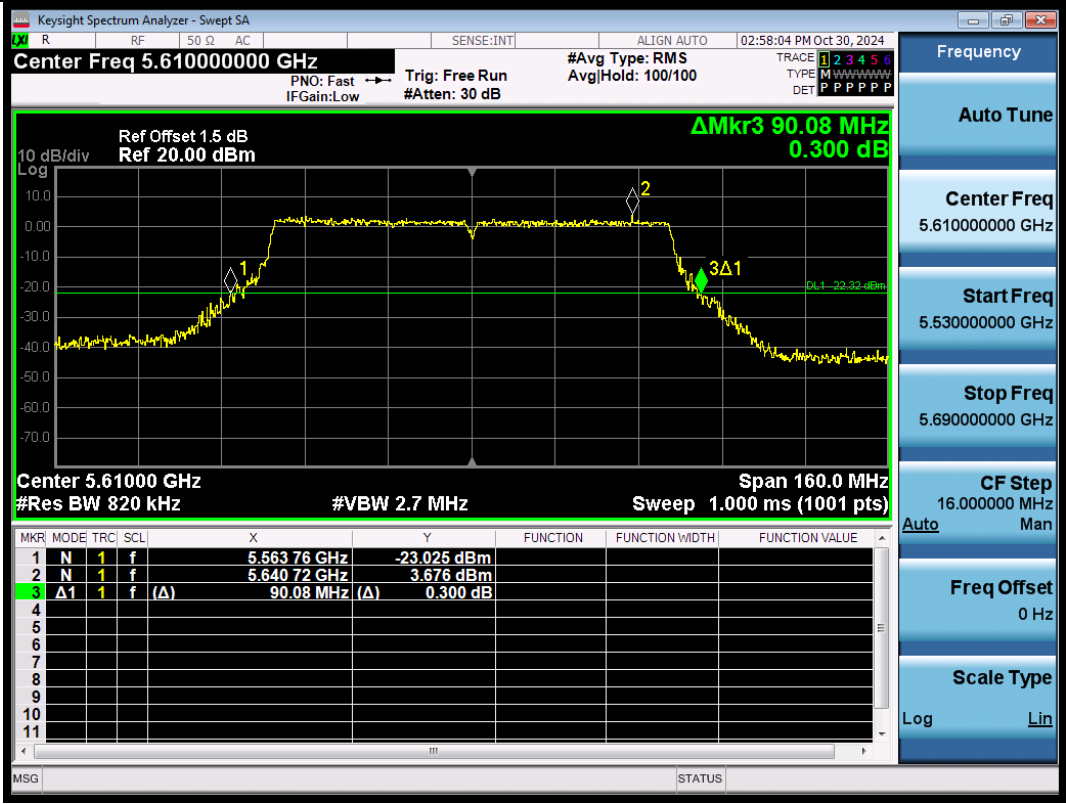
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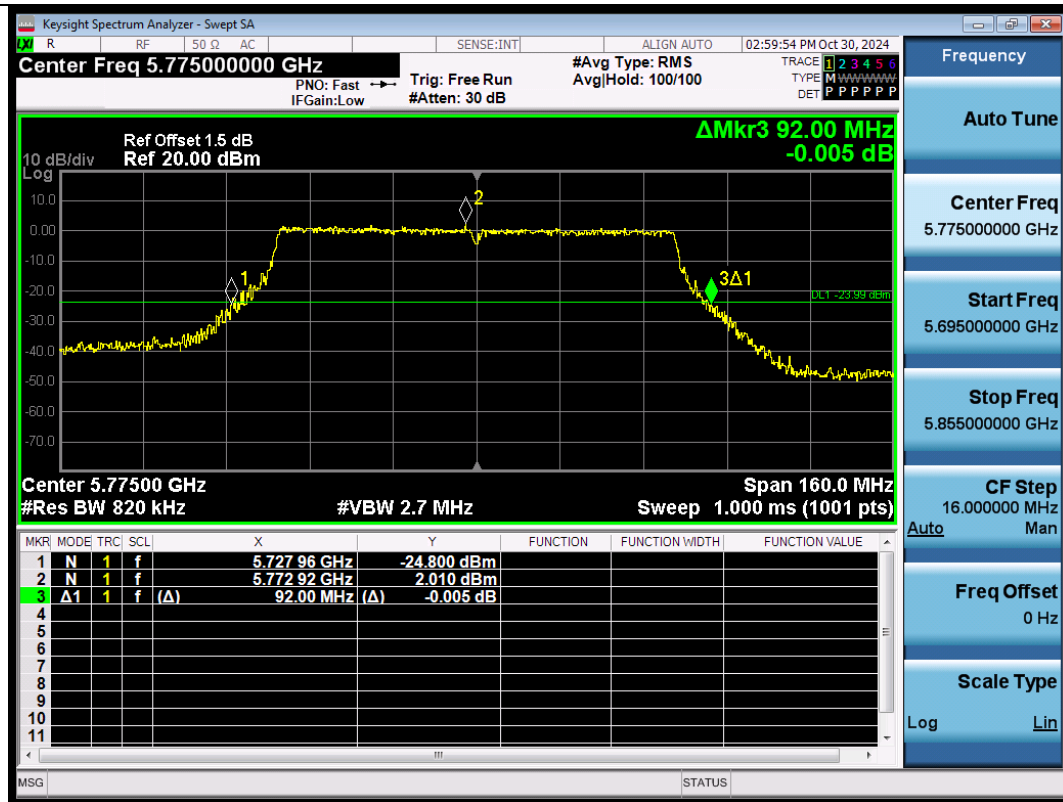
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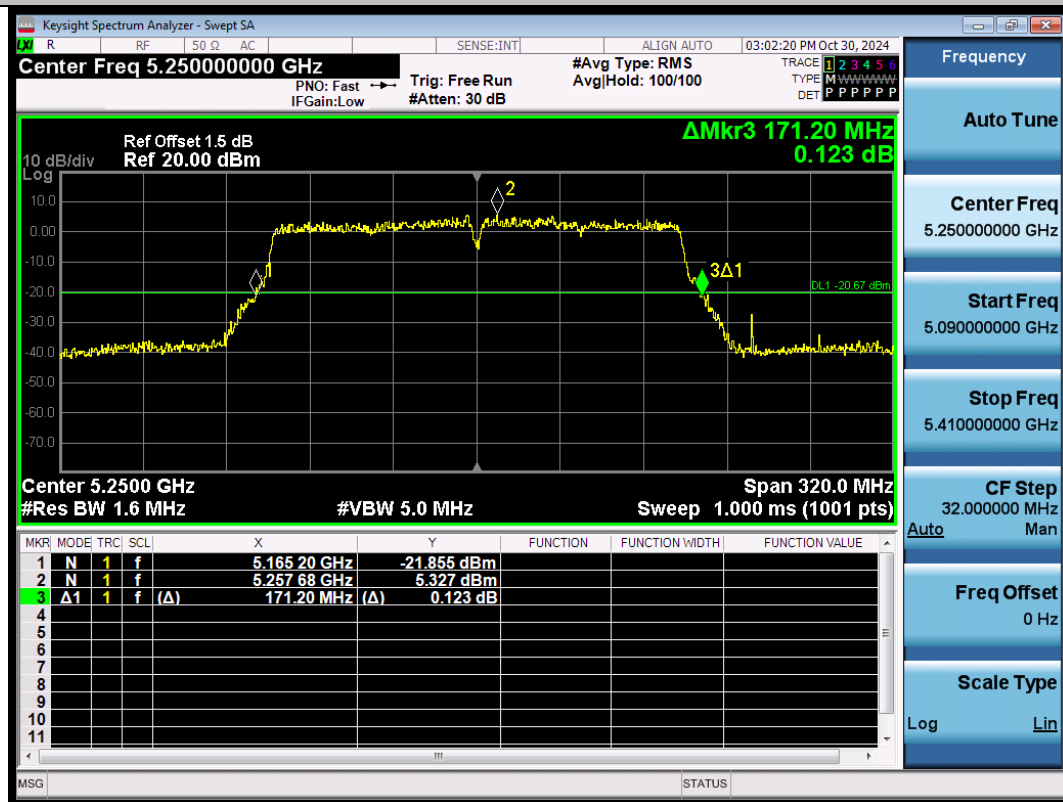
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11AC80-5610



11AC80-5775



11AC160-5250