

Appendix A _ Conducted Test Data**Conducted Peak Output Power**

Dense reader mode Test Result

Temperature:	25.4°C	Relative Humidity:	55%
Test Voltage	AC120V		
Frequency(MHz)	Peak Power(dBm)	Average Power(dBm)	Limit (dBm)
902.75	29.65	29.53	30.00
915.25	29.68	29.63	30.00
927.25	29.61	29.58	30.00

Single reader mode Test Result

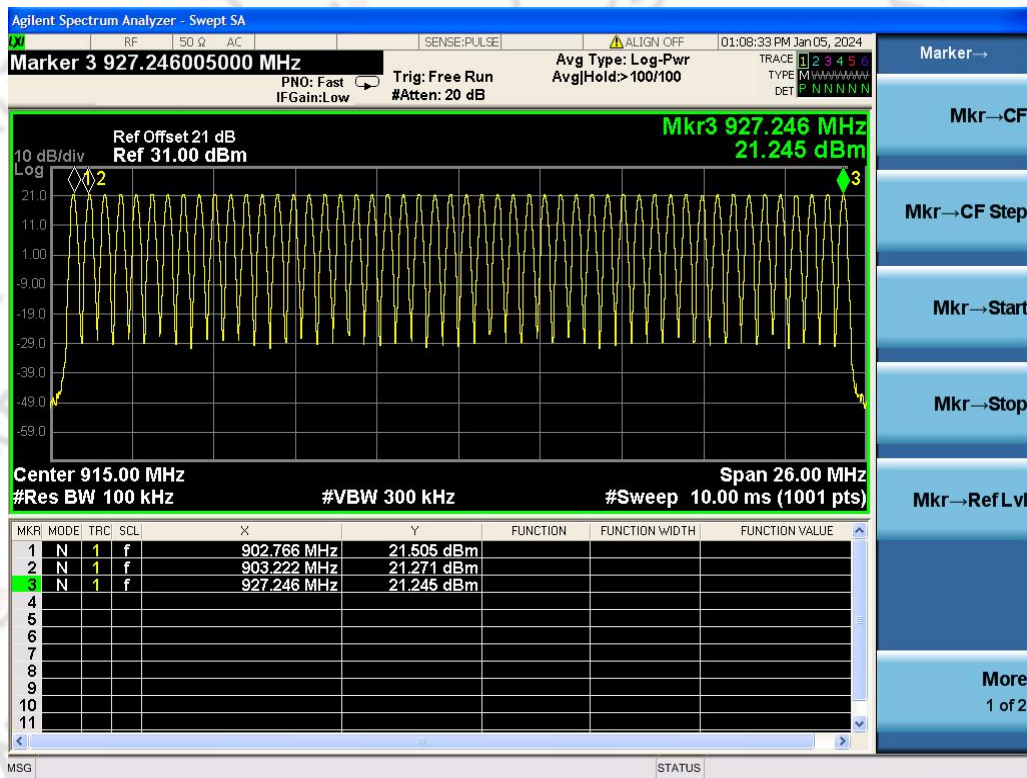
Temperature:	25.4°C	Relative Humidity:	53%
Test Voltage	AC120V		
Frequency(MHz)	Peak Power(dBm)	Average Power(dBm)	Limit (dBm)
902.75	29.74	29.69	30.00
915.25	29.65	29.53	30.00
927.25	29.67	29.60	30.00

Number Of Hopping Channel

Temperature:	25.4°C	Relative Humidity	55%
Test Mode	Hopping mode (Dense reader)	Test Voltage	AC120V

Number of Hopping channels	50
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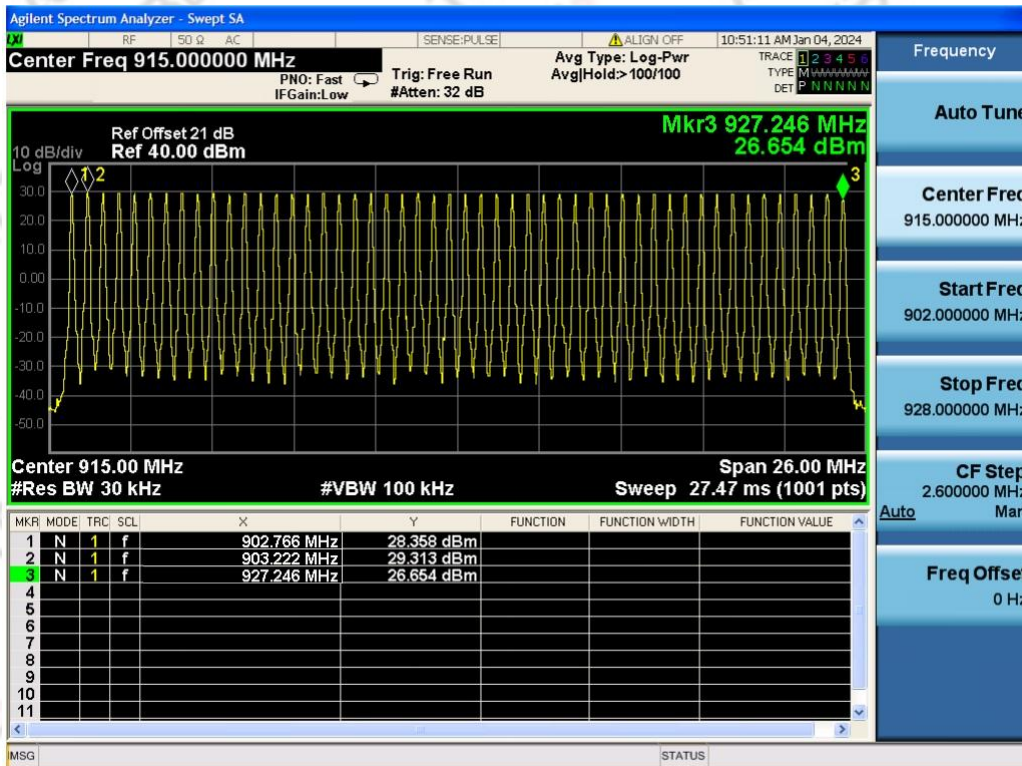
Test Graphs



Temperature:	25.4°C	Relative Humidity	55%
Test Mode	Hopping mode (Single reader)	Test Voltage	AC120V

Number of Hopping channels	50
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Test Graphs



Average Time Occupancy

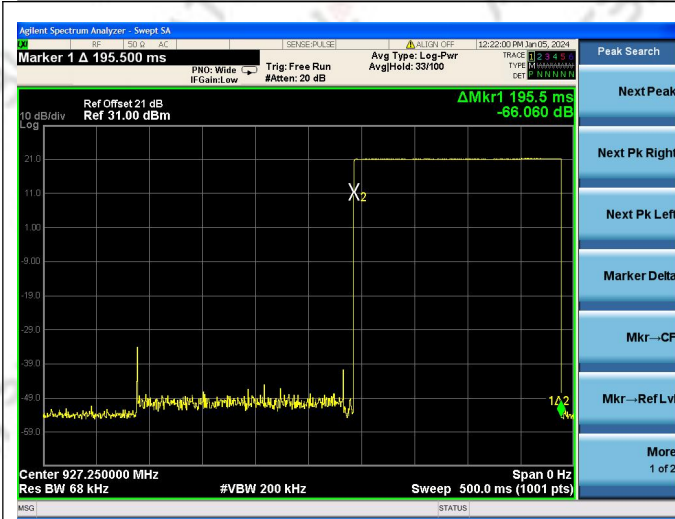
Test Result

Temperature:	25.4°C	Relative Humidity	55%
Test Mode	Dense Reader	Test Voltage	AC120V

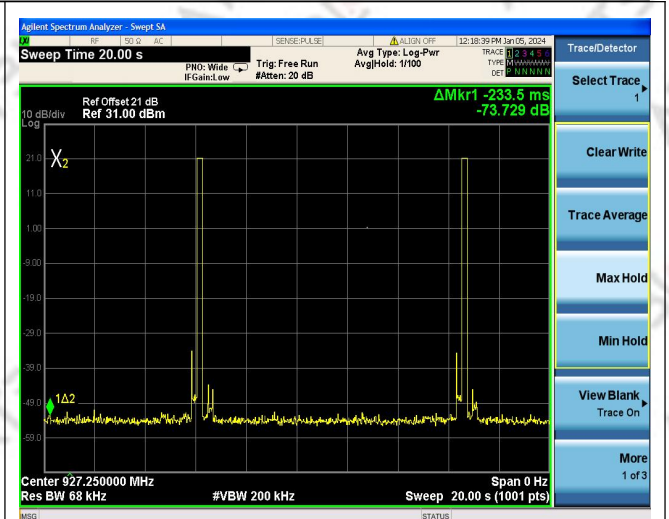
Frequency (MHz)	Single Pulse (ms)	Number of Pulses	Dwell time (s)	Limit (s)	Result
902.75	196.5	2	0.39	0.4	Pass
915.25	196.5	2	0.39	0.4	Pass
927.25	195.5	2	0.39	0.4	Pass

Test Graphs

<p>Dense reader CH0 Single pulse</p>	<p>Number of Pulses in 20 seconds</p>
<p>Dense reader CH25 Single pulse</p>	<p>Number of Pulses in 20 seconds</p>



Dense reader CH50 Single pulse



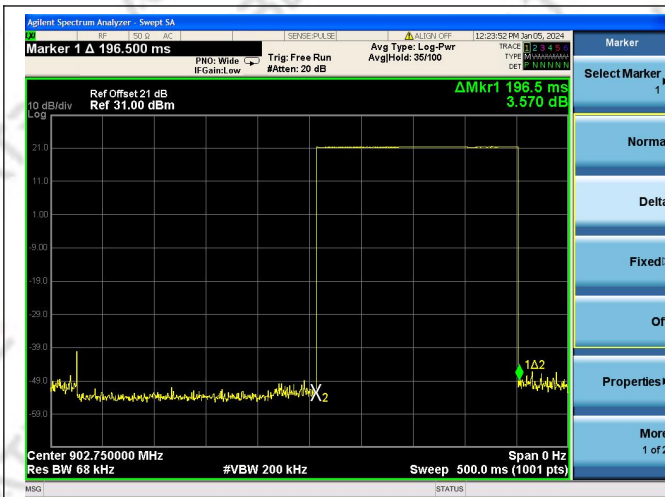
Number of Pulses in 20 seconds

Test Result

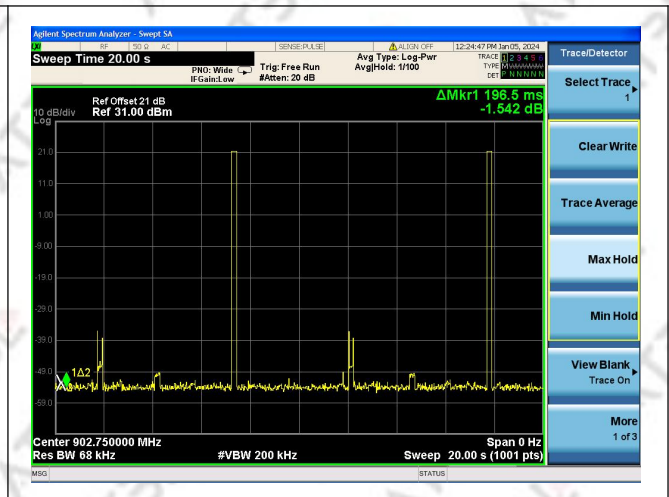
Temperature:	25.4°C	Relative Humidity	55%
Test Mode	Single Reader	Test Voltage	AC120V

Frequency (MHz)	Single Pulse (ms)	Number of Pulses	Dwell time (s)	Limit (s)	Result
902.75	196.5	2	0.39	0.4	Pass
915.25	196.5	2	0.39	0.4	Pass
927.25	195.5	2	0.39	0.4	Pass

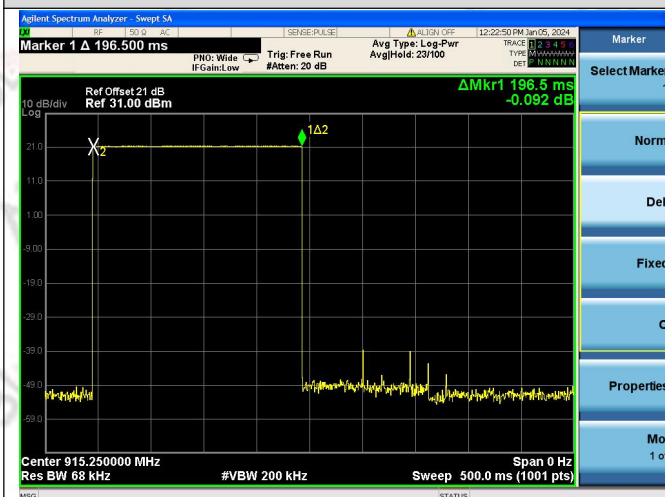
Test Graphs



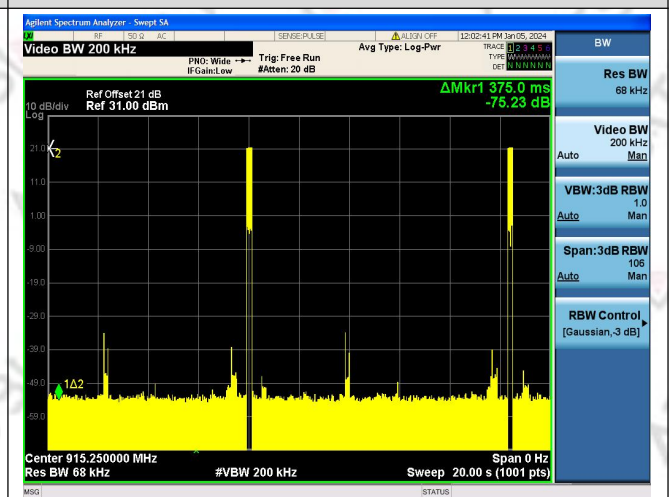
Dense reader CH0 Single pulse



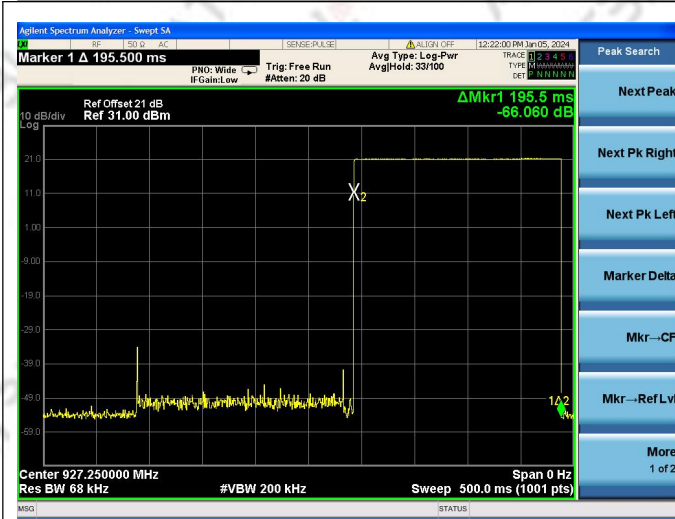
Number of Pulses in 20 seconds



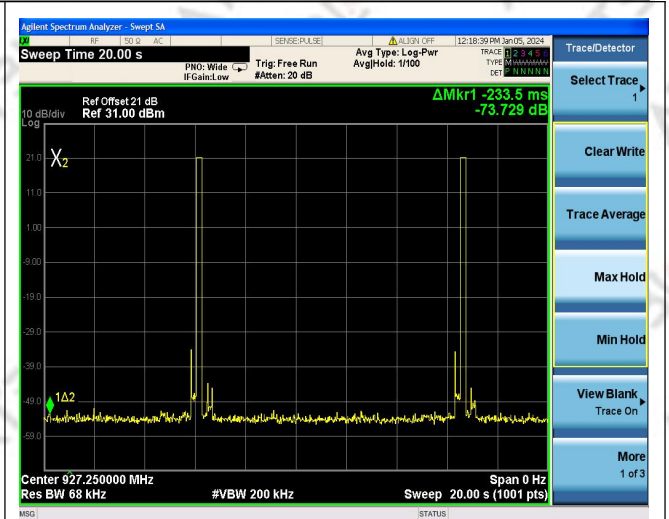
Dense reader CH25 Single pulse



Number of Pulses in 20 seconds



Dense reader CH50 Single pulse



Number of Pulses in 20 seconds

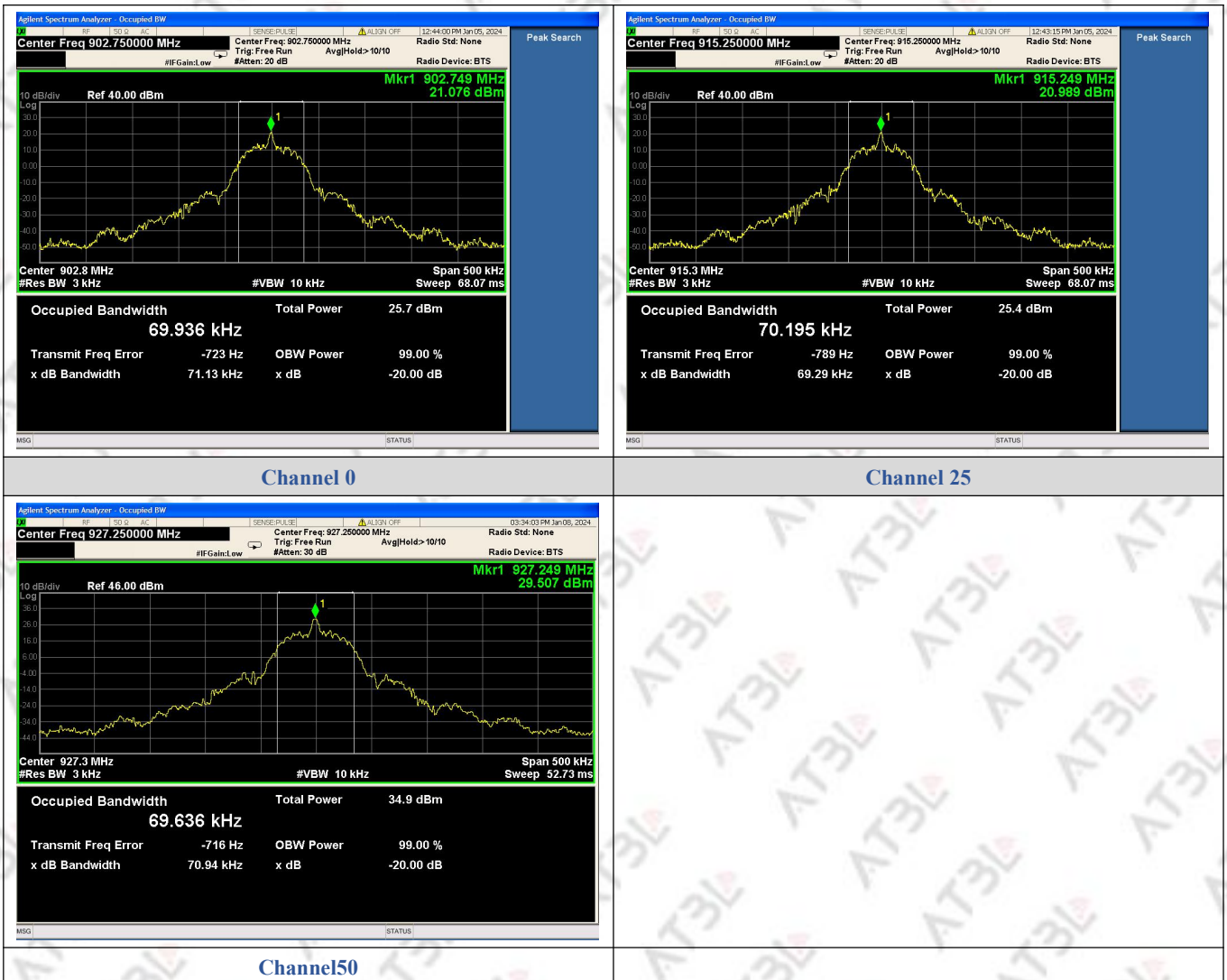
20dB Bandwidth

Test Result

Temperature:	25.4°C	Relative Humidity	55%
Test Mode:	Dense reader	Test Voltage:	AC120V

Frequency	20dB Bandwidth(kHz)	99% Bandwidth(kHz)	Limit(kHz)	Result
902.75MHz	71.13	69.93	500	Pass
915.25MHz	69.29	70.20	500	Pass
927.25MHz	70.94	69.63	500	Pass

Test Graphs

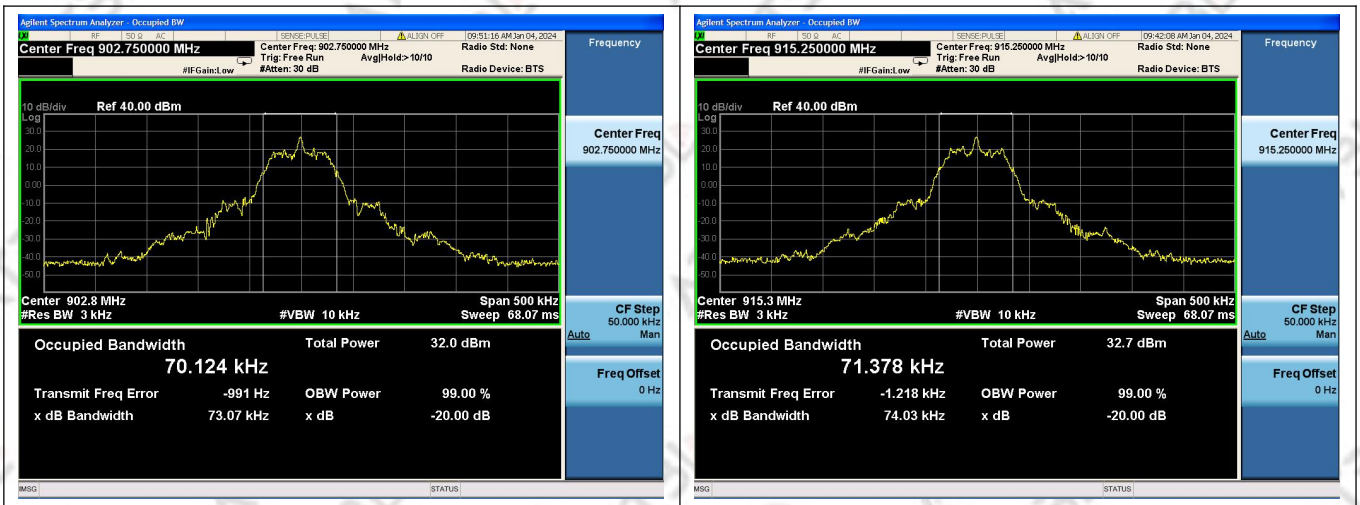


Test Result

Temperature:	25.4°C	Relative Humidity	55%
Test Mode:	Single reader	Test Voltage:	AC120V

Frequency	20dB Bandwidth(kHz)	99% Bandwidth(kHz)	Limit(kHz)	Result
902.75MHz	73.07	70.12	500	Pass
915.25MHz	74.03	71.38	500	Pass
927.25MHz	76.52	71.53	500	Pass

Test Graphs



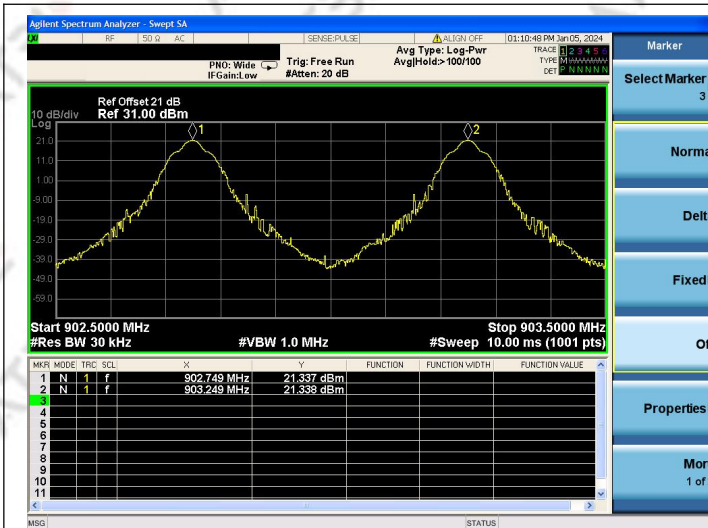
Carrier Frequencies Separation

Test Result

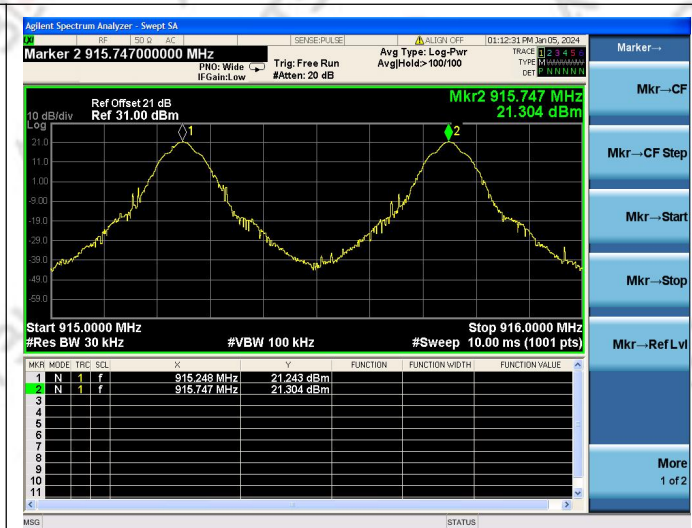
Temperature:	25.4°C	Relative Humidity	55%
Test Mode:	Dense reader	Test Voltage:	AC120V

Frequency	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (KHz)	Limit (KHz)	Result
902.75MHz	902.749	903.249	500	71.13	PASS
915.25MHz	915.248	915.747	499	69.29	PASS
927.25MHz	926.749	927.251	502	70.94	PASS

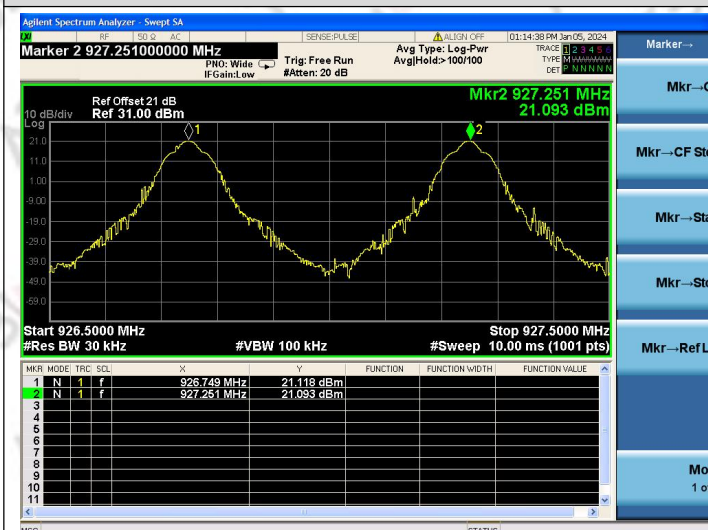
Test Graphs



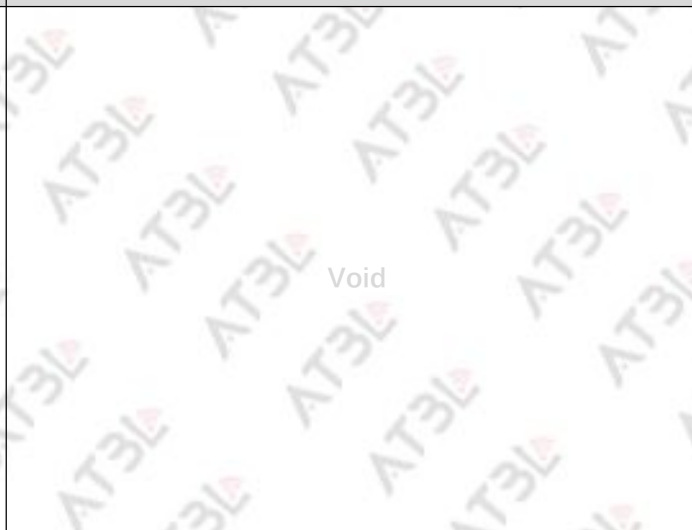
CH0



CH25



CH50

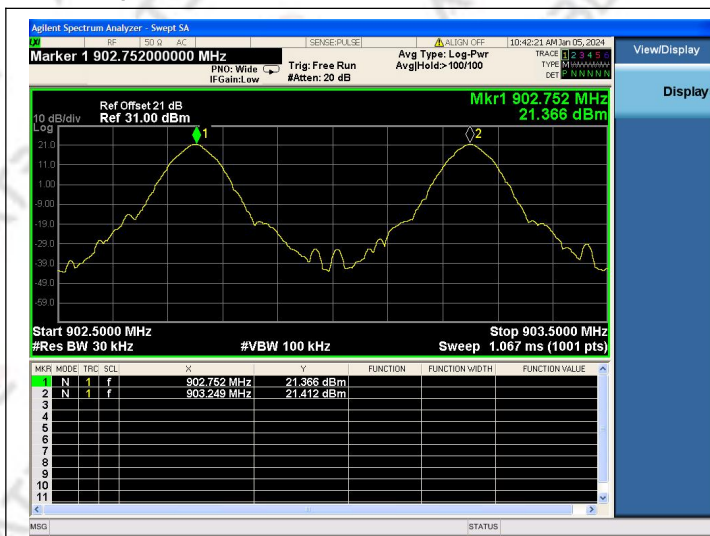


Void

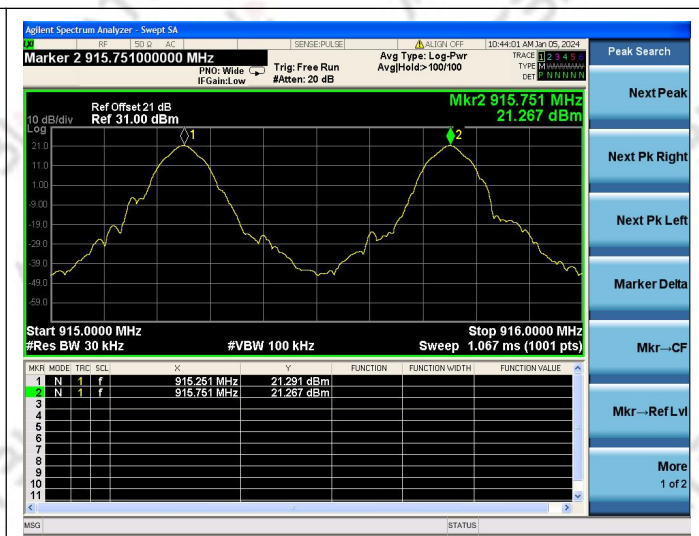
Temperature:	25.4°C	Relative Humidity	55%
Test Mode:	Single reader	Test Voltage:	AC120V

Frequency	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (KHz)	Limit (KHz)	Result
902.75MHz	902.752	903.249	497	73.07	PASS
915.25MHz	915.251	915.751	500	74.03	PASS
927.25MHz	926.750	927.252	502	76.52	PASS

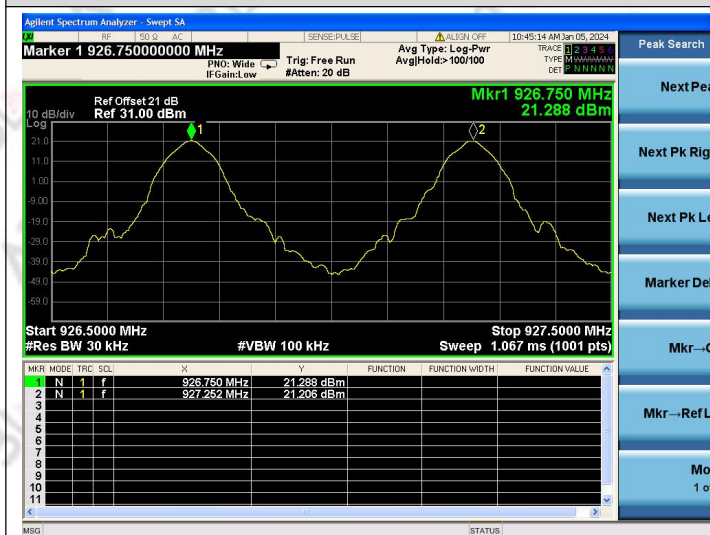
Test Graphs



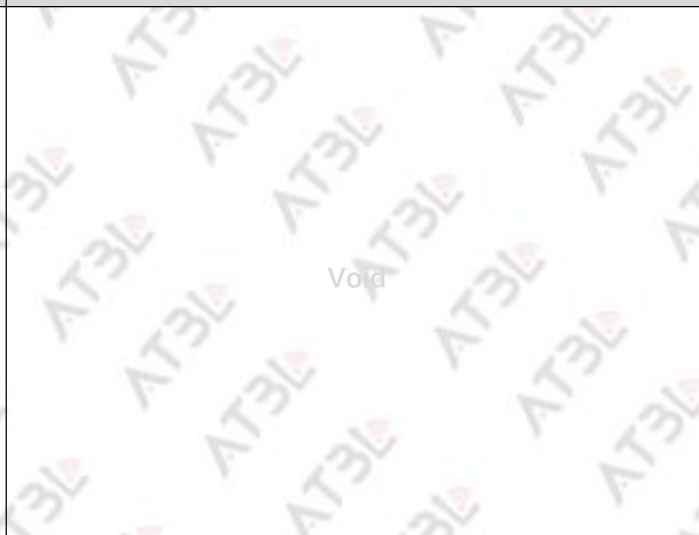
CH0



CH25



CH50

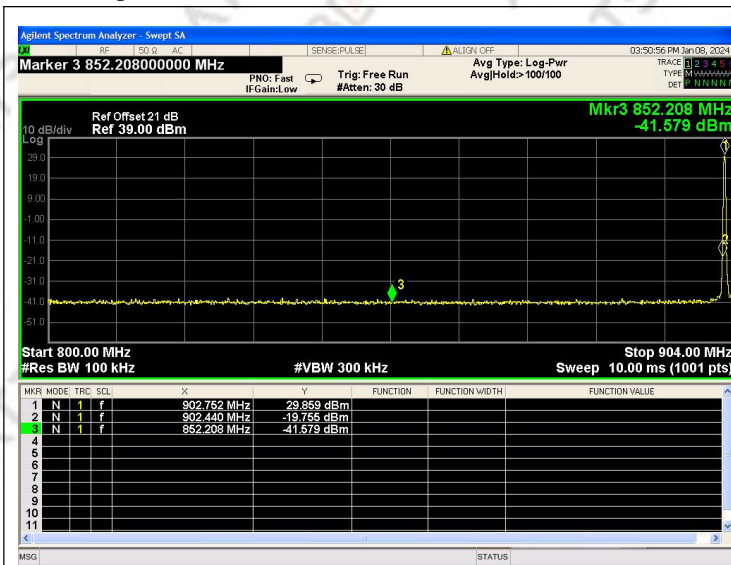


Conducted Bandedge and spurious Emission Emission

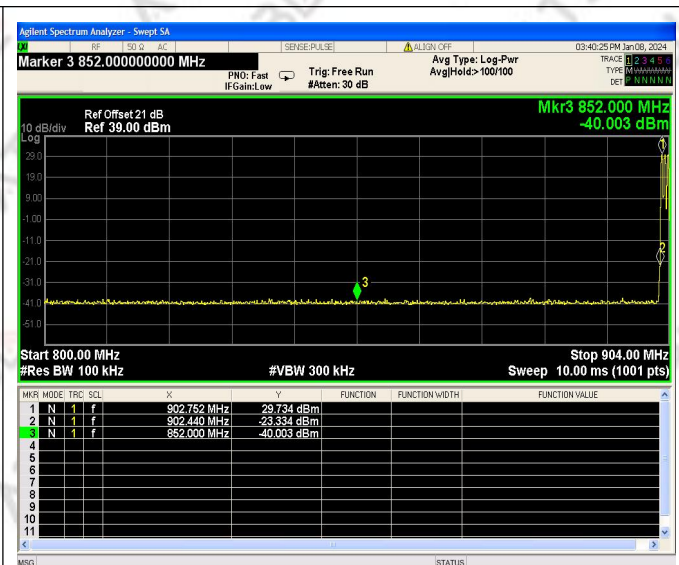
Test Result

Temperature:	25.4°C	Relative Humidity	55%
Test Mode:	Dense reader	Test Voltage:	AC120V

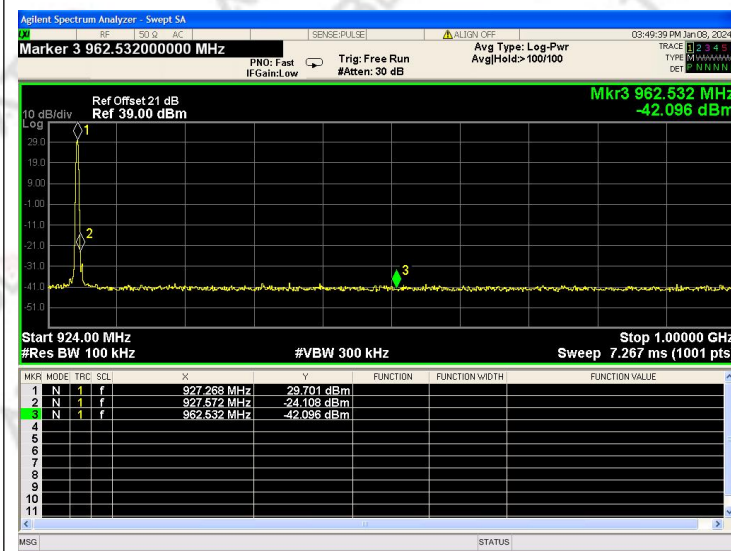
Test Graphs



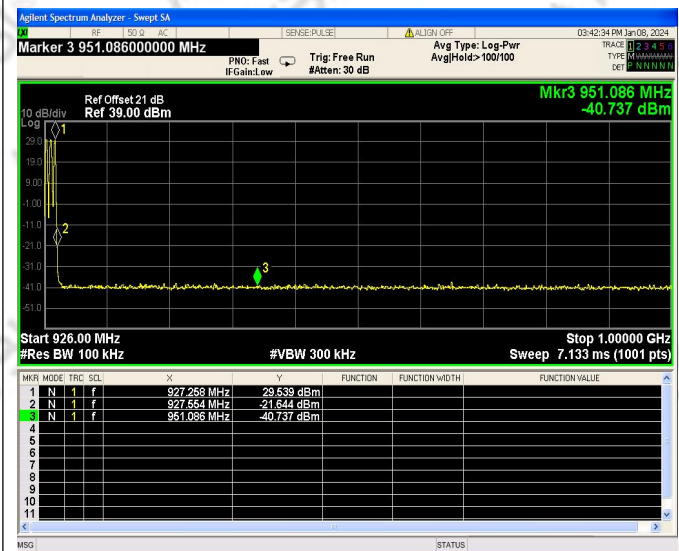
CH0 bandedge



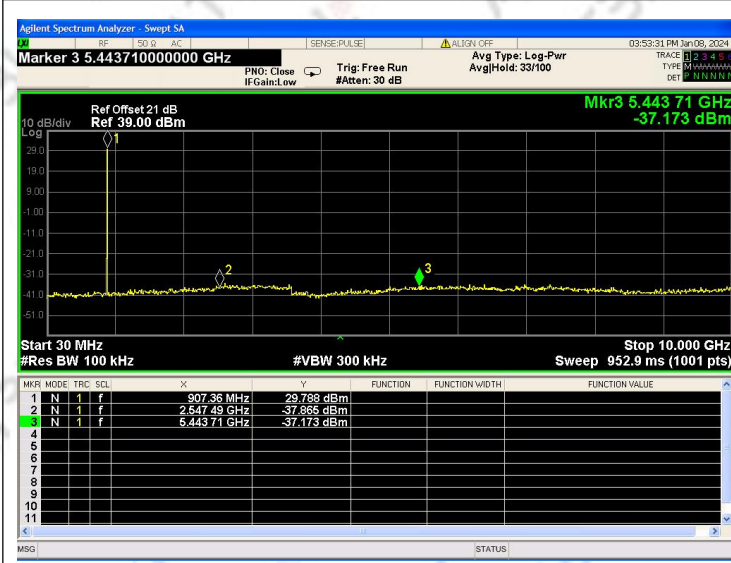
CH0 Hopping bandedge



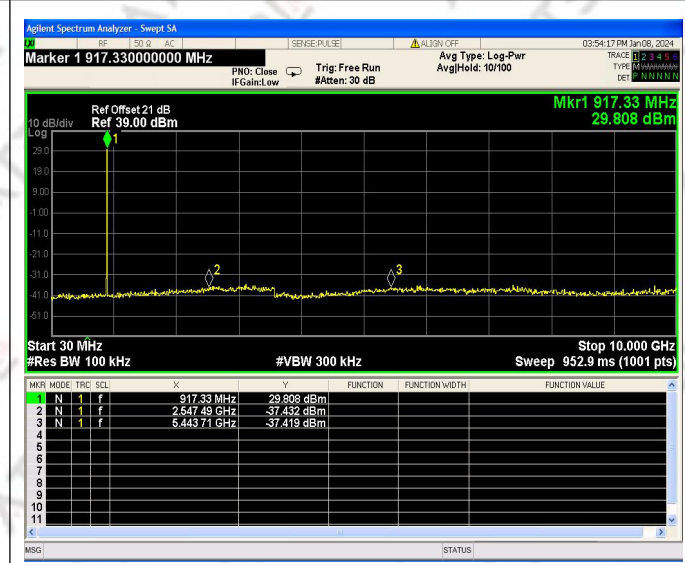
CH50 bandedge



CH50 Hopping bandedge

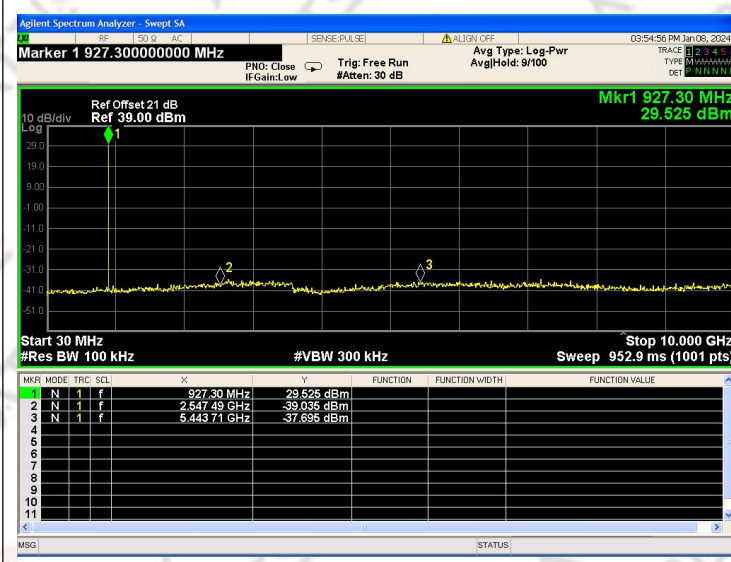


CH0 Spurious emission



CH25 Spurious emission

Void

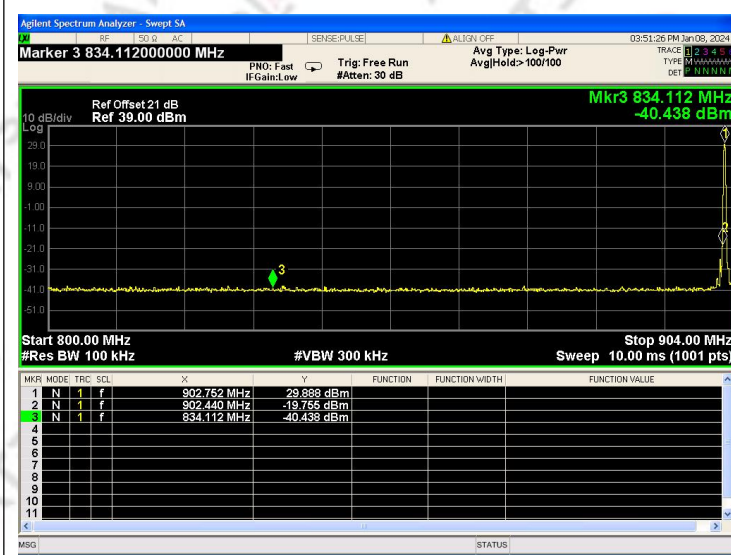


CH50 Spurious emission

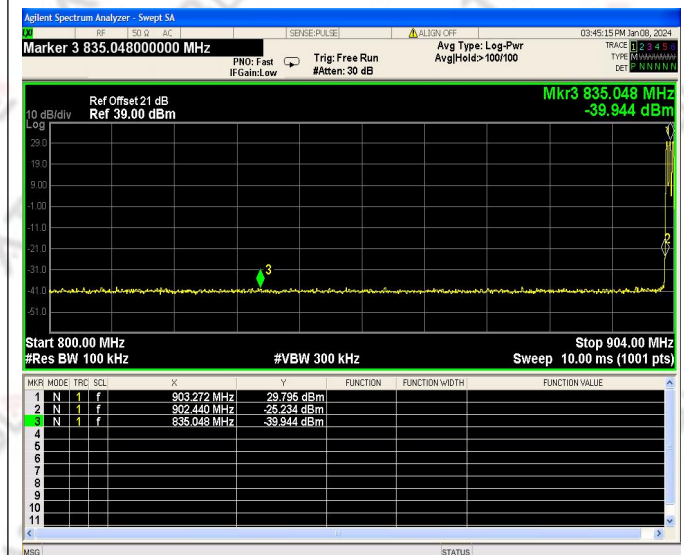
Test Result

Temperature:	25.4°C	Relative Humidity	55%
Test Mode:	Single reader	Test Voltage:	AC120V

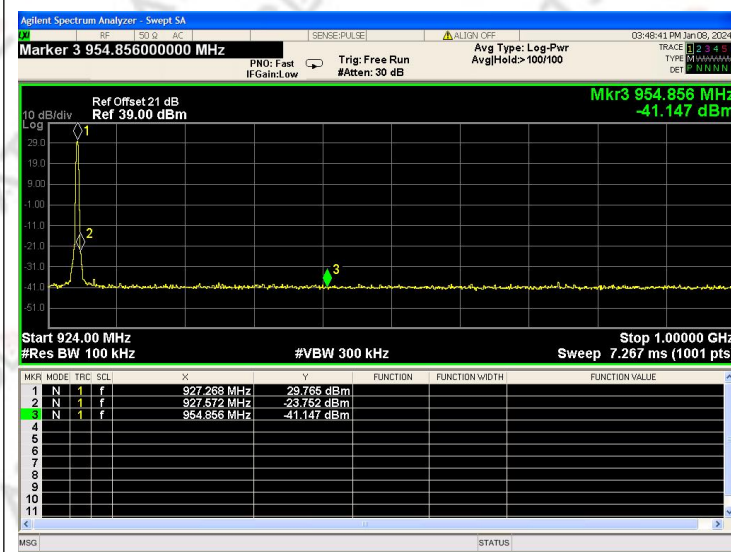
Test Graphs



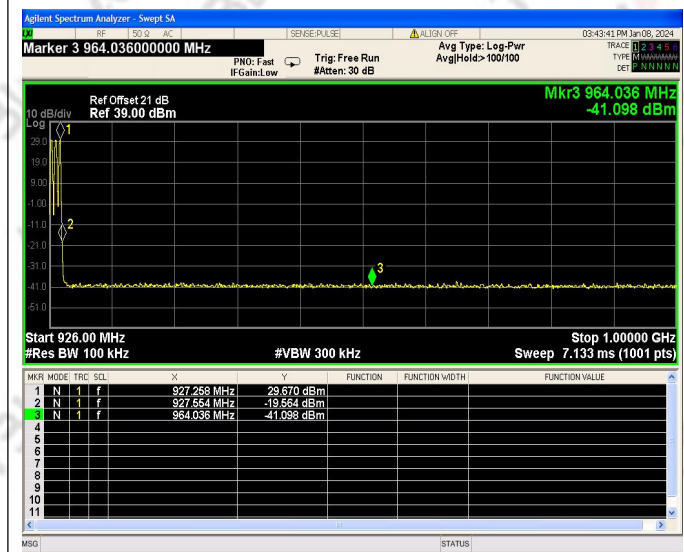
CH0 bandedge



CH0 Hopping bandedge

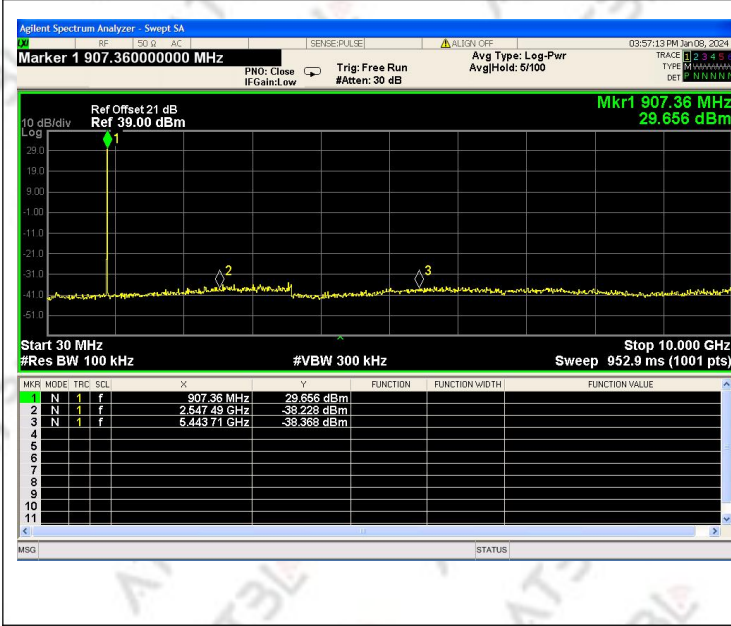


CH50 bandedge

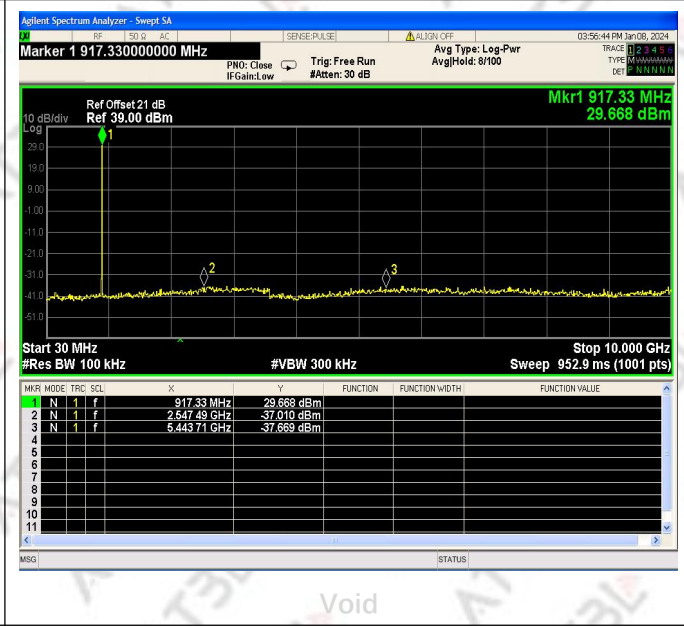


CH50 Hopping bandedge

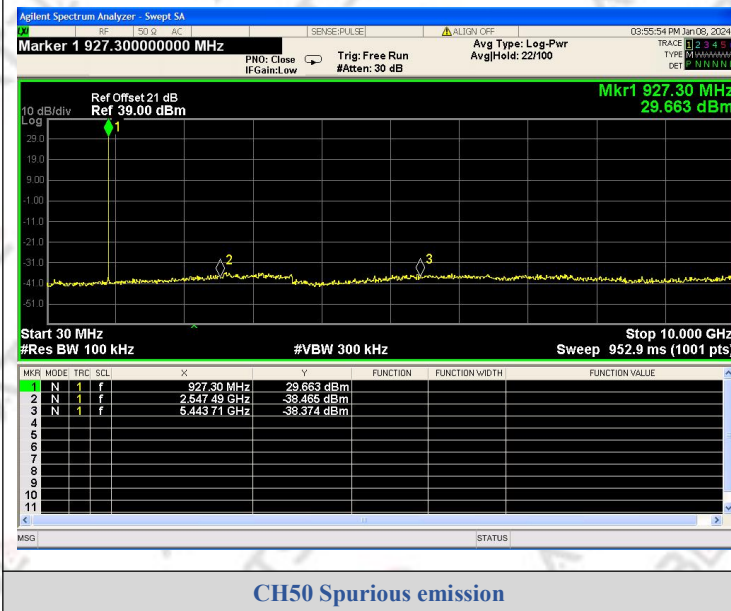
Void



CH0 Spurious emission



CH25 Spurious emission



CH50 Spurious emission

*****END OF THE REPORT APPENDIX A*****