



Appendix A

RF Test Data for 900MHz (Conducted Measurement)

Product Name: Chime and Sound Player

Test Model: CM1M

Environmental Conditions

Temperature:	24.2°C
Relative Humidity:	53.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Paddi Chen



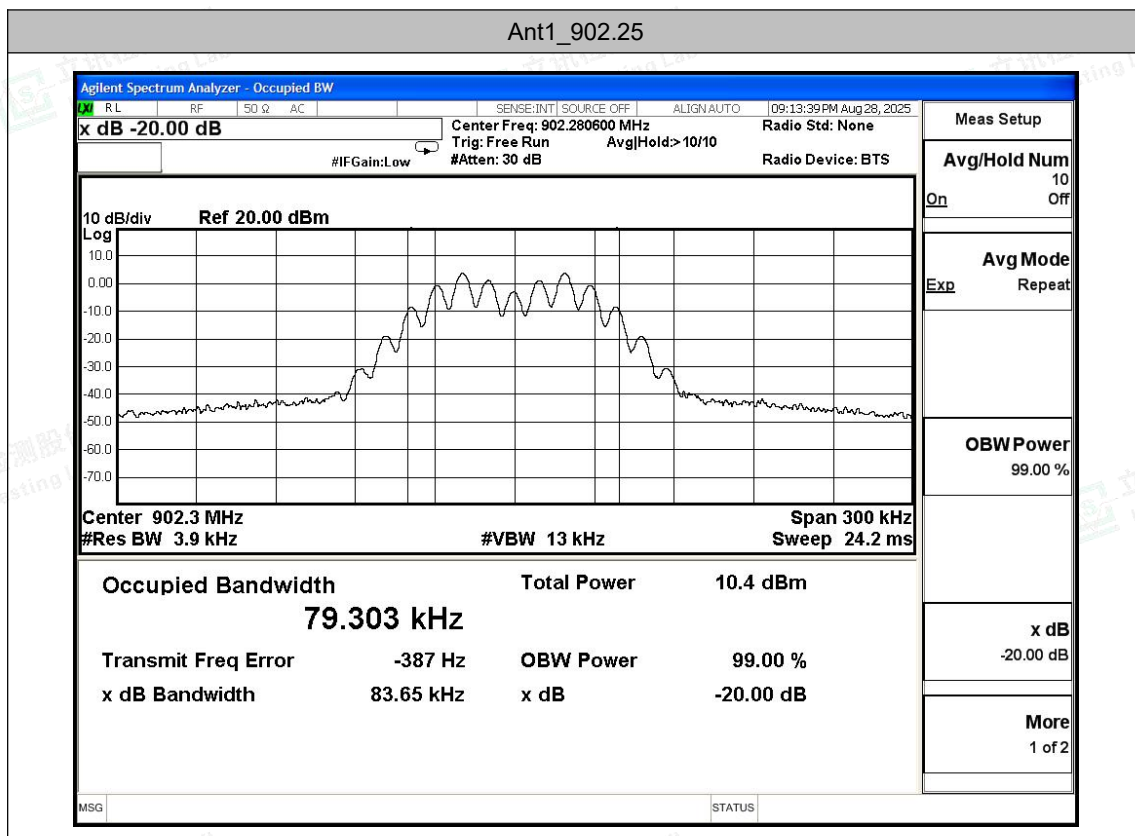


A.1 20dB Emission Bandwidth

Test Result

Antenna	Channel[MHz]	20db EBW[kHz]	Limit[MHz]	Verdict
Ant1	902.25	83.65	---	PASS
	914.85	83.57	---	PASS
	927.55	83.53	---	PASS

Test Graphs



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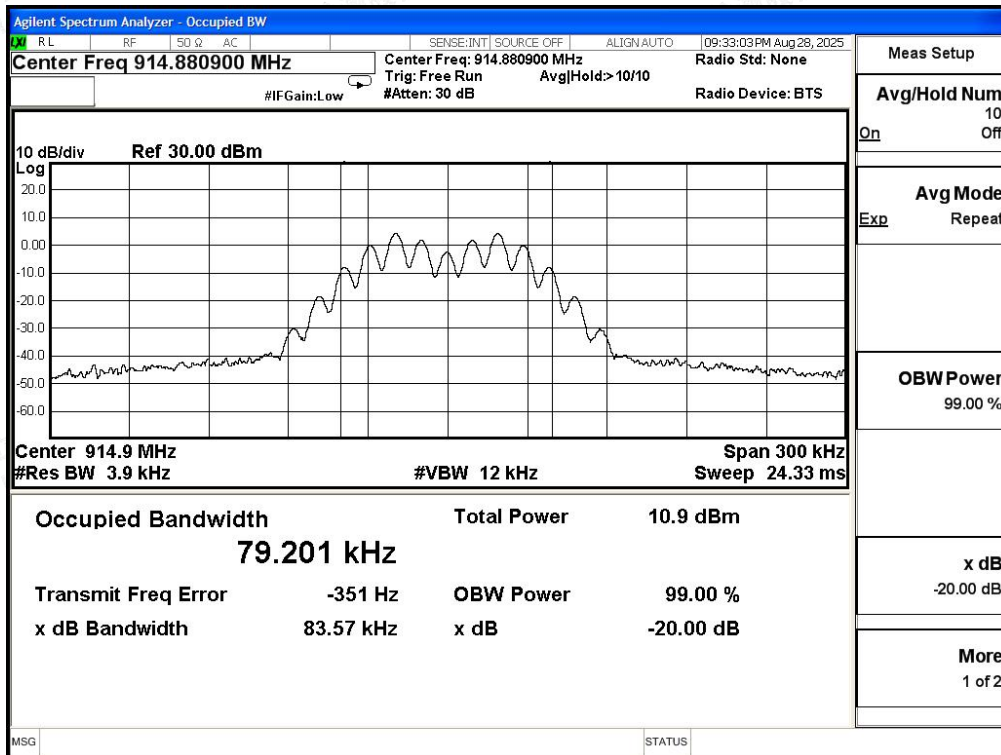
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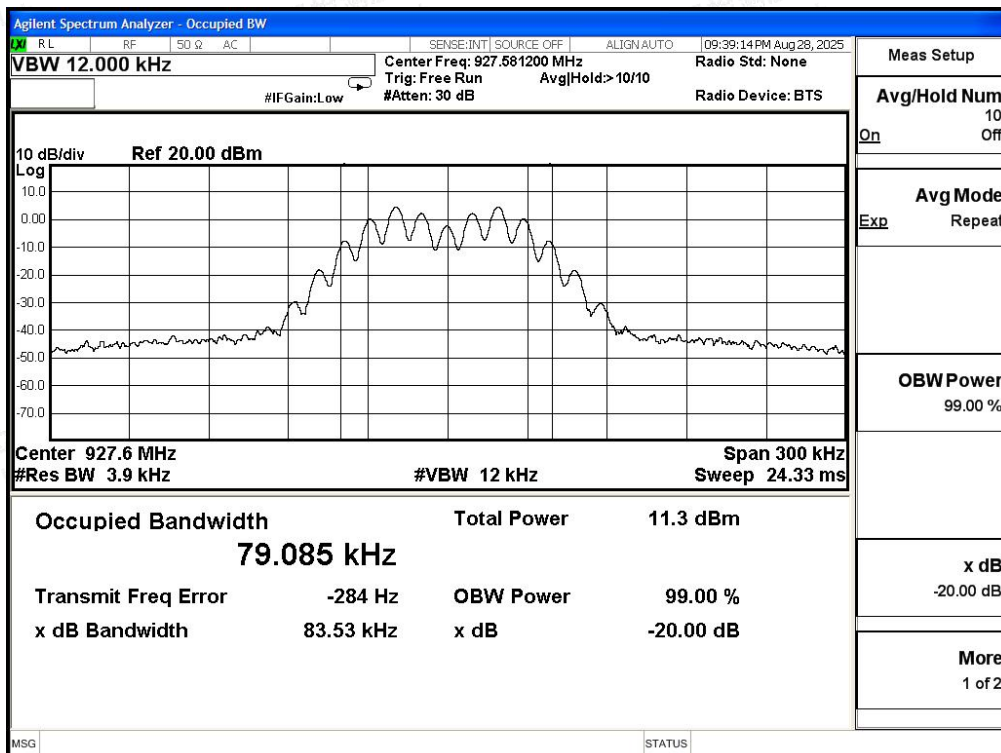
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Ant1_914.85



Ant1_927.55



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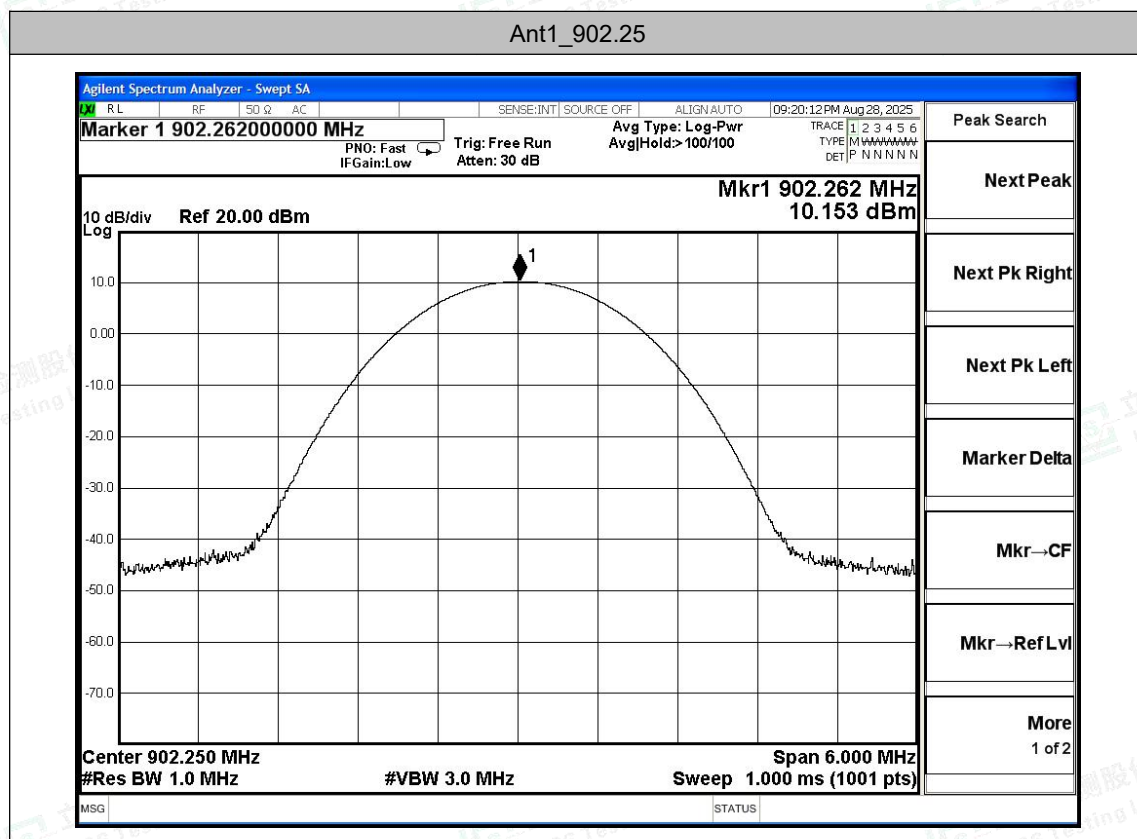


A.2 Maximum Peak Conducted Output Power

Test Result Peak

Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
Ant1	902.25	10.153	≤30	PASS
	914.85	10.712	≤30	PASS
	927.55	11.096	≤30	PASS

Test Graphs



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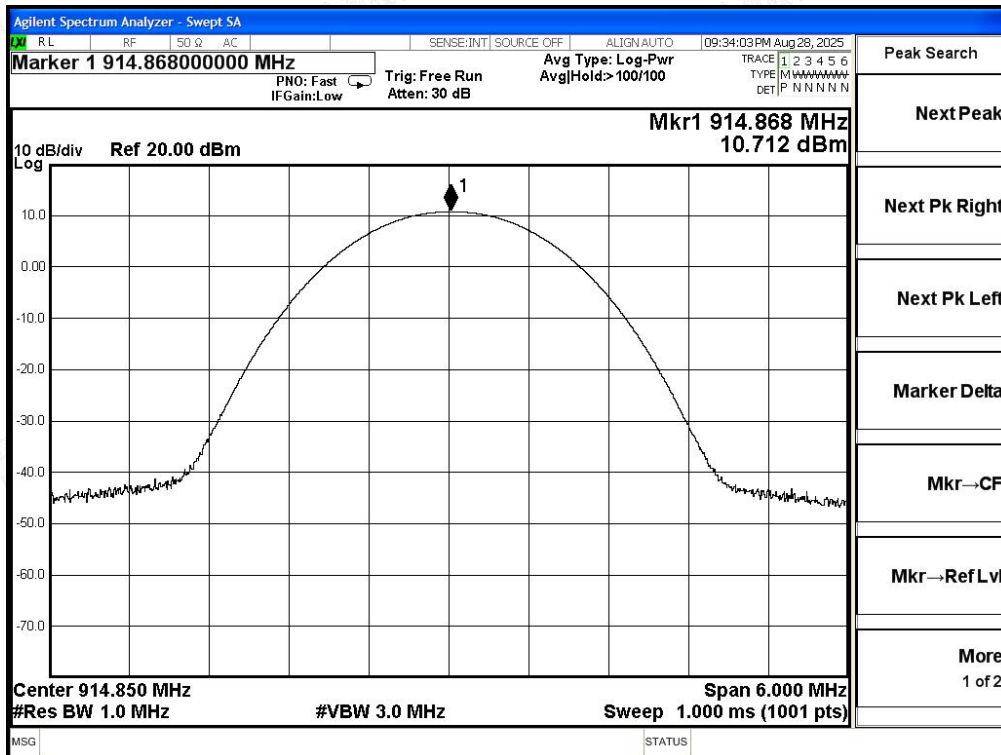
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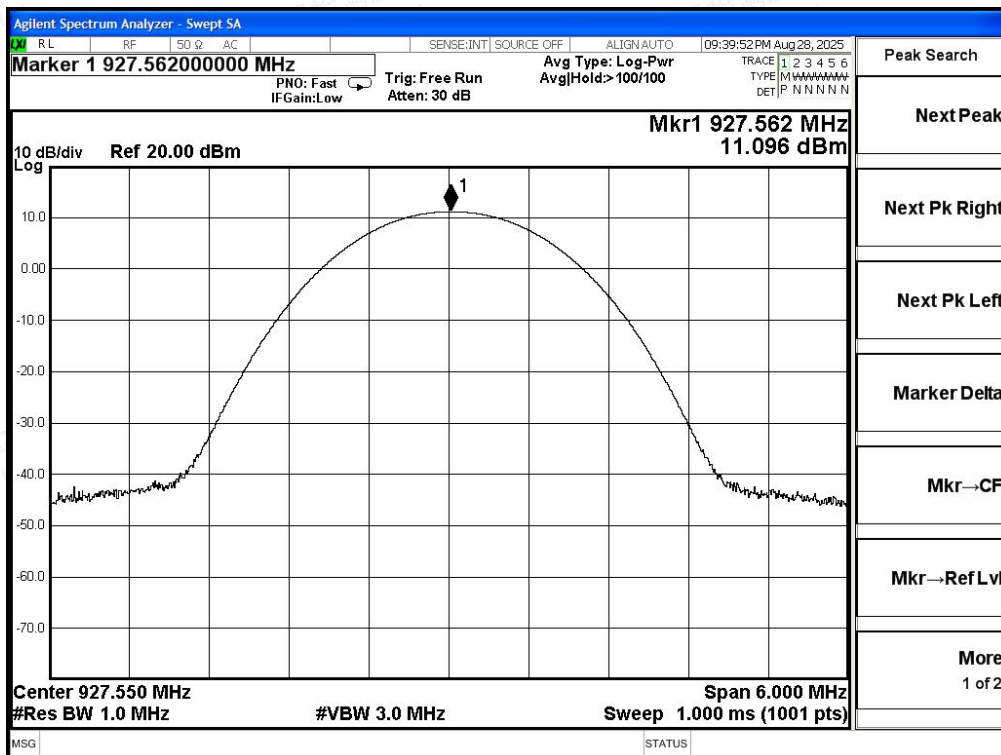
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Ant1_914.85



Ant1_927.55



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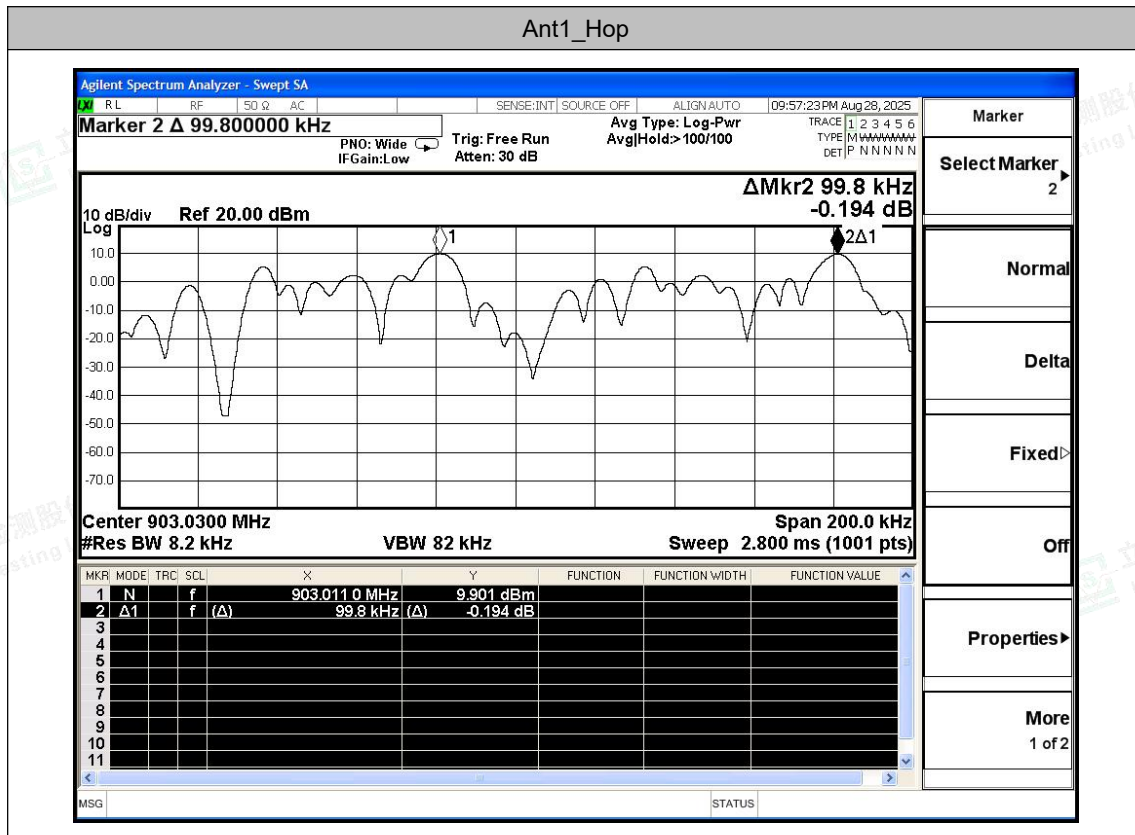


A.3 Carrier frequency separation

Test Result

Antenna	Channel[MHz]	Result[kHz]	Limit[kHz]	Verdict
Ant1	Hop	99.8	83.65	PASS

Test Graphs



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A.4 Time of occupancy

Test Result

Antenna	Channel[MHz]	Burst Width[ms]	Total Hops[Num]	Result[ms]	Limit[ms]	Verdict
Ant1	Hop	8.600	20	172.00	<=400	PASS



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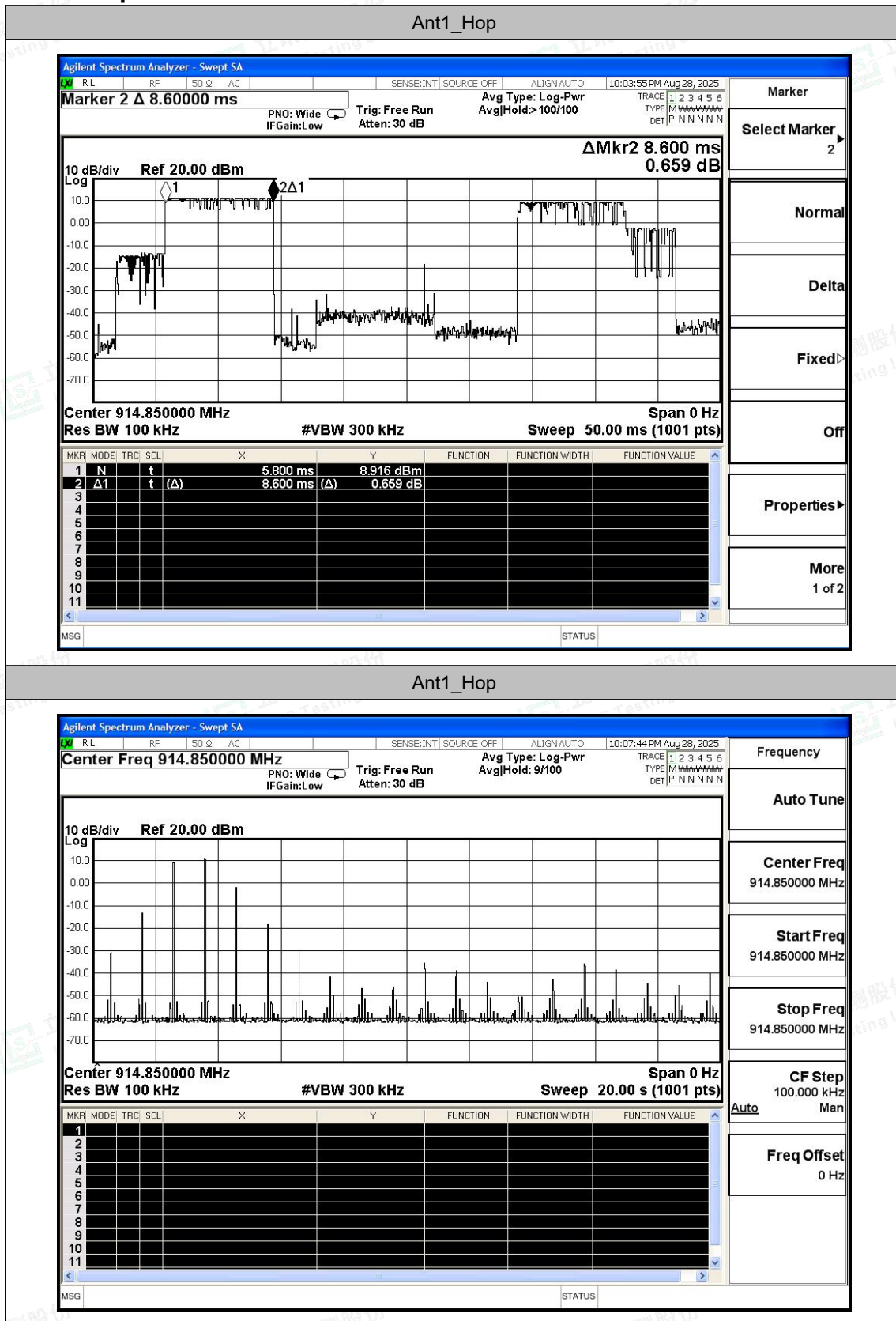
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Test Graphs



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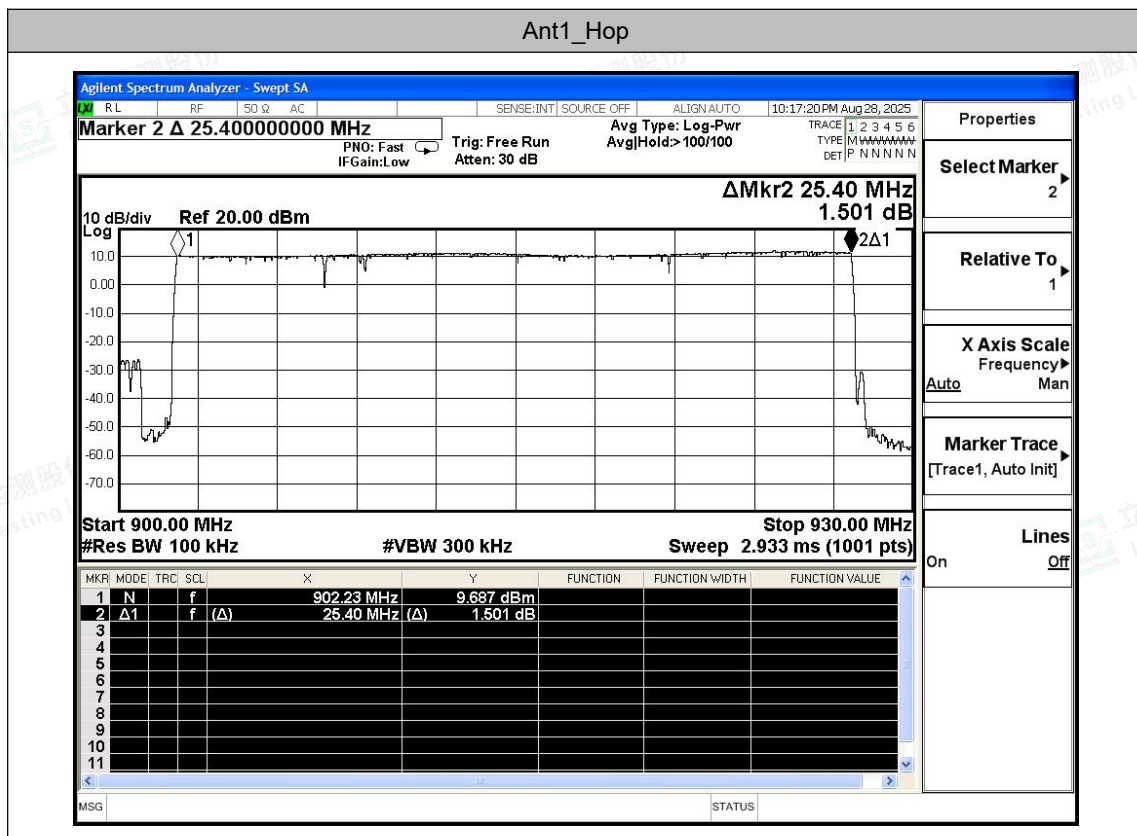


A.5 Number of hopping channels

Test Result

Antenna	Channel	Result[Num]	Limit[Num]	Verdict
Ant1	Hop	254	>=50	PASS

Test Graphs



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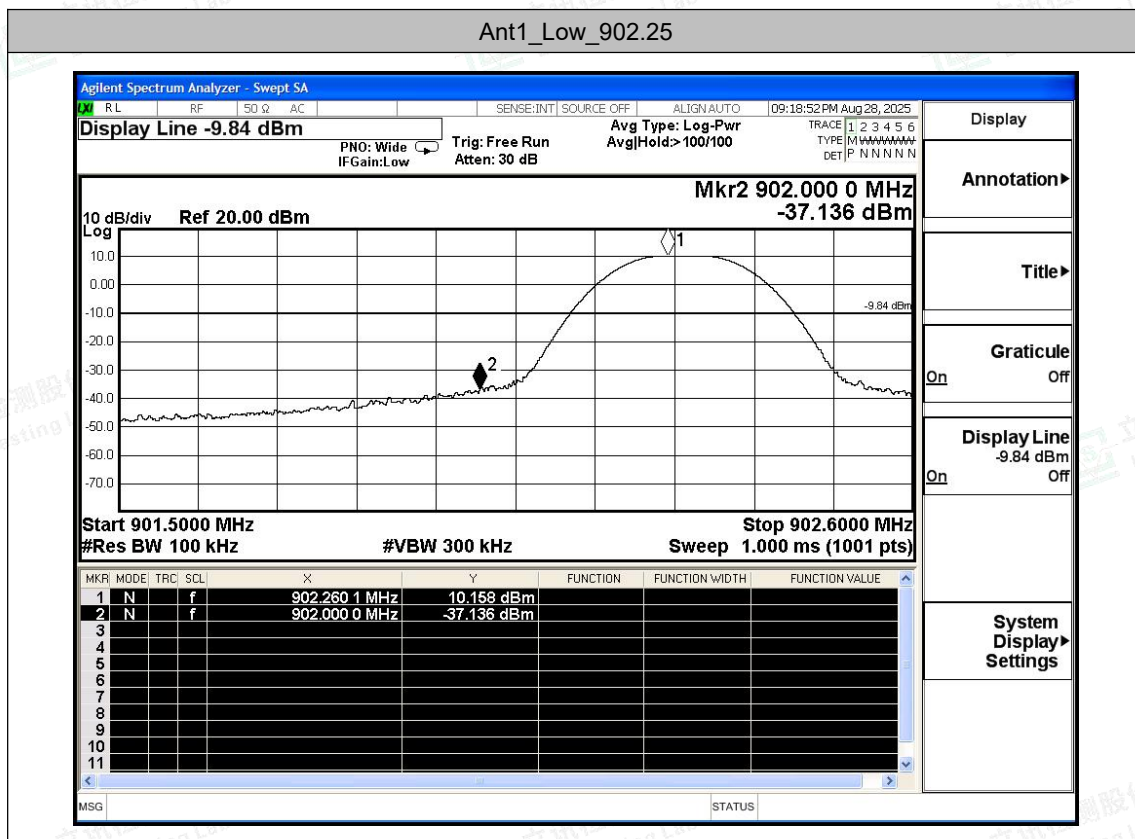


A.6 Band edge measurements

Test Result

Antenna	Ch Name	Channel[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
Ant1	Low	902.25	10.158	-37.136	<=-9.84	PASS
	High	927.55	11.080	-31.593	<=-8.92	PASS
	Low	902.25	10.190	-50.274	<=-9.81	PASS
	High	927.55	11.518	-32.751	<=-8.48	PASS

Test Graphs



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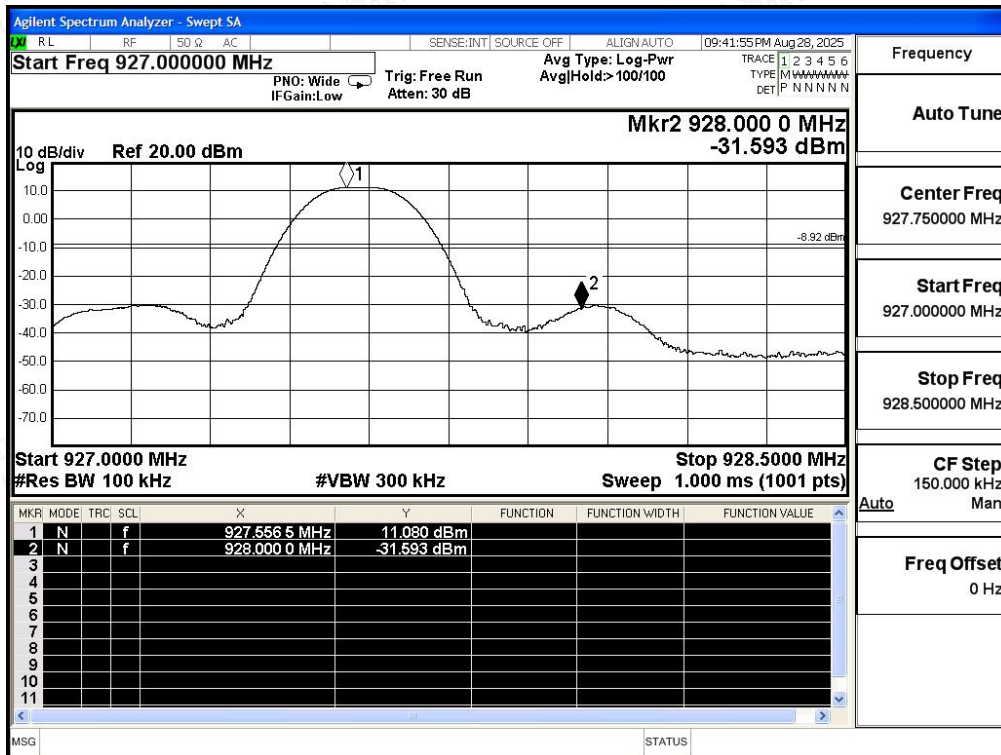
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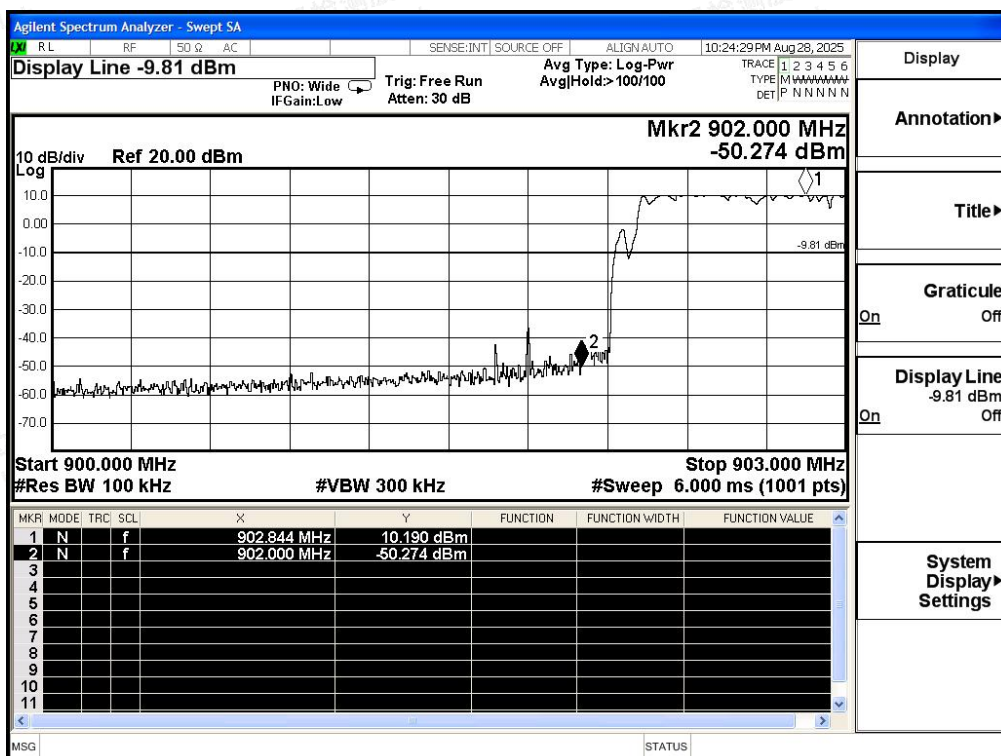
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Ant1_High_927.55



Ant1_Low_Hop_902.25



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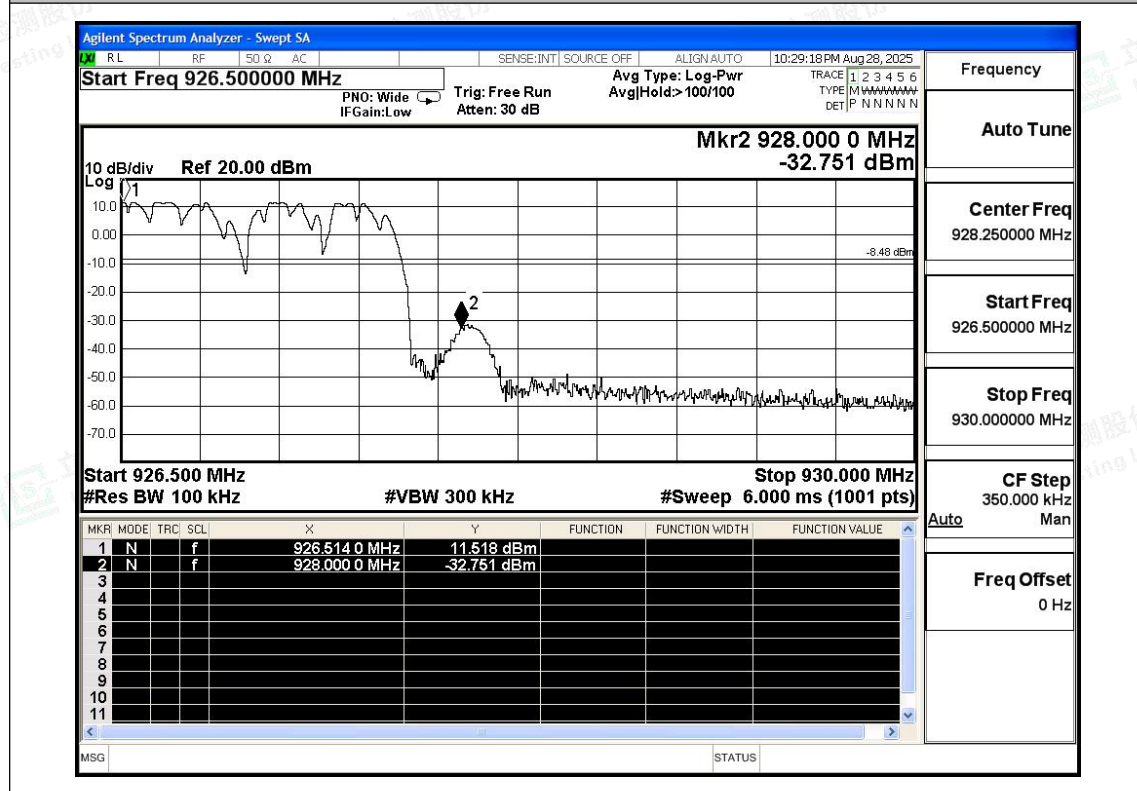
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Ant1_High_Hop_927.55



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A.7 Conducted Spurious Emission

Test Result

Antenna	Channel[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
Ant1	902.25	30~26500	10.213	-55.505	<=-9.79	PASS
	914.85	30~26500	10.747	-45.340	<=-9.29	PASS
	927.55	30~26500	11.164	41.617	<=-8.87	PASS



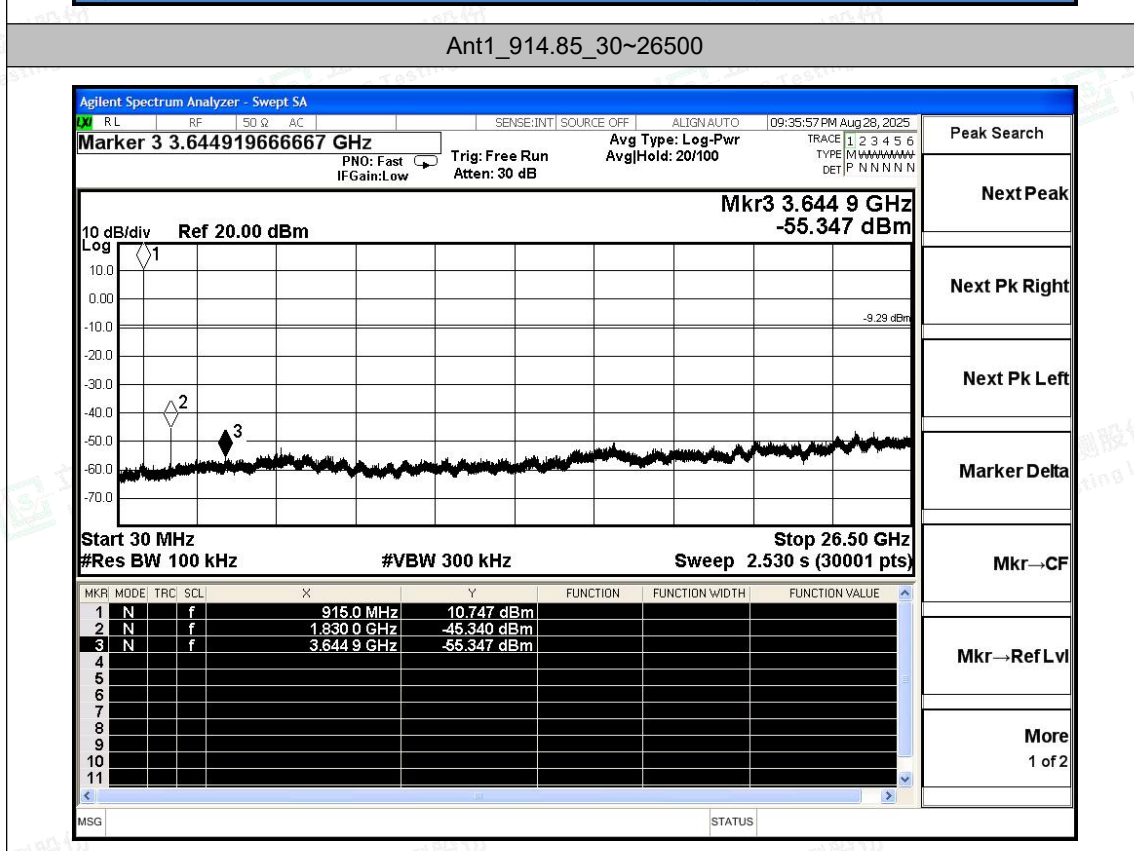
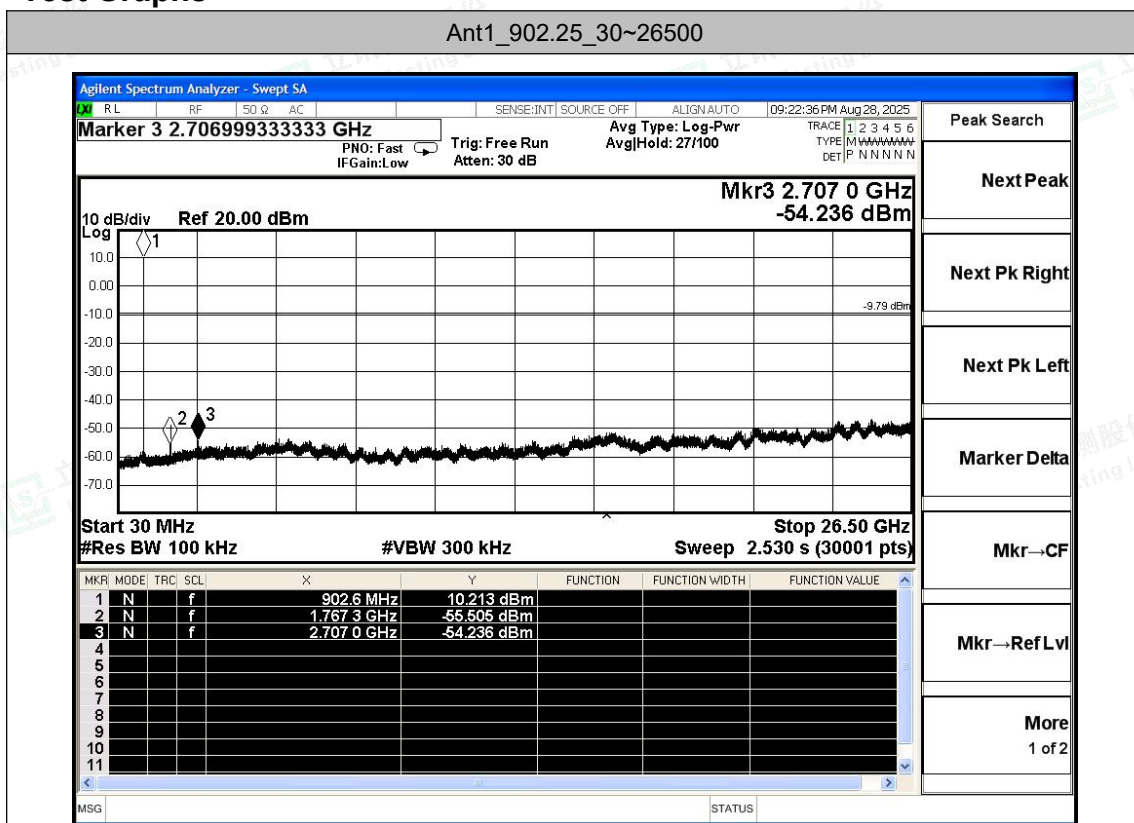
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Test Graphs



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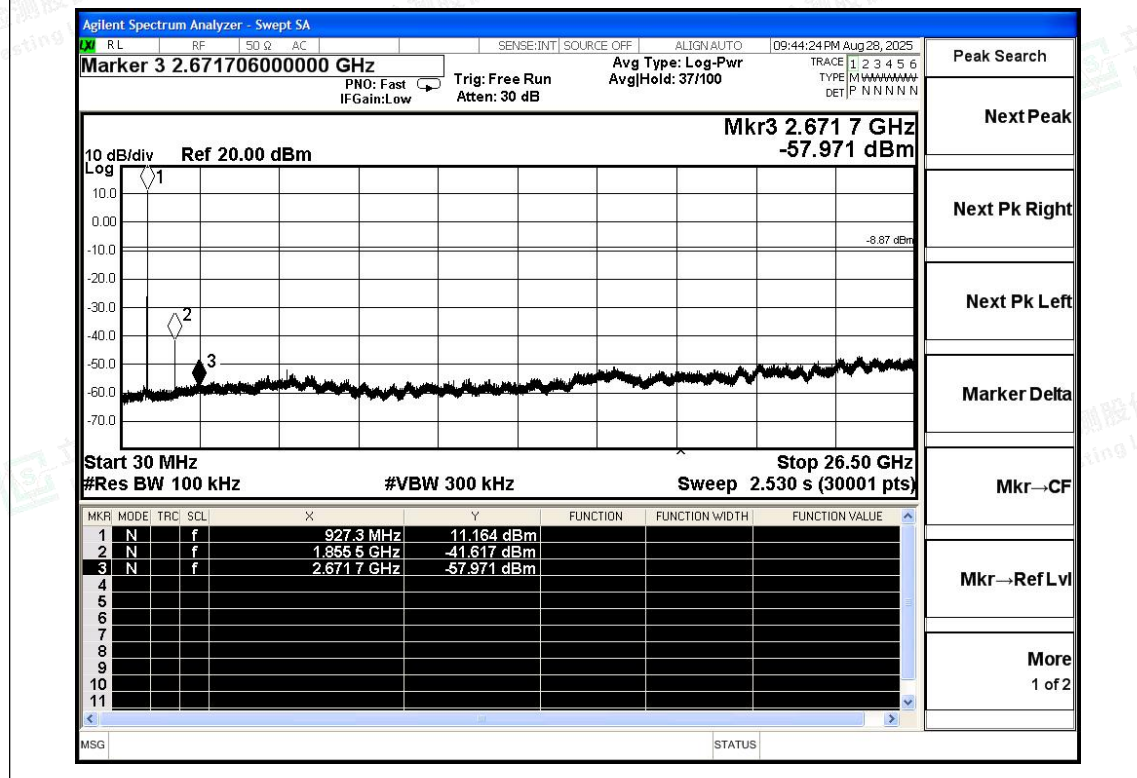
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Ant1_927.55_30~26500



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