



## Appendix C

### RF Test Data for 2.4GWIFI(Conducted Measurement)

Product Name: Tablet

Test Model: A6HD

#### Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Eason Zhou
Supervised by:	Nick Peng





### C.1 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.524	>=0.5	Pass
NVNT	b	2437	Ant1	8.593	>=0.5	Pass
NVNT	b	2462	Ant1	8.549	>=0.5	Pass
NVNT	g	2412	Ant1	16.304	>=0.5	Pass
NVNT	g	2437	Ant1	16.042	>=0.5	Pass
NVNT	g	2462	Ant1	15.892	>=0.5	Pass
NVNT	n20	2412	Ant1	17.078	>=0.5	Pass
NVNT	n20	2437	Ant1	16.996	>=0.5	Pass
NVNT	n20	2462	Ant1	16.999	>=0.5	Pass
NVNT	n40	2422	Ant1	35.297	>=0.5	Pass
NVNT	n40	2437	Ant1	35.649	>=0.5	Pass
NVNT	n40	2452	Ant1	36.133	>=0.5	Pass
NVNT	ax20	2412	Ant1	17.038	>=0.5	Pass
NVNT	ax20	2437	Ant1	17.127	>=0.5	Pass
NVNT	ax20	2462	Ant1	17.078	>=0.5	Pass
NVNT	ax40	2422	Ant1	35.013	>=0.5	Pass
NVNT	ax40	2437	Ant1	35.57	>=0.5	Pass
NVNT	ax40	2452	Ant1	35.355	>=0.5	Pass



Shenzhen LCS Compliance Testing Laboratory Ltd.  
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity

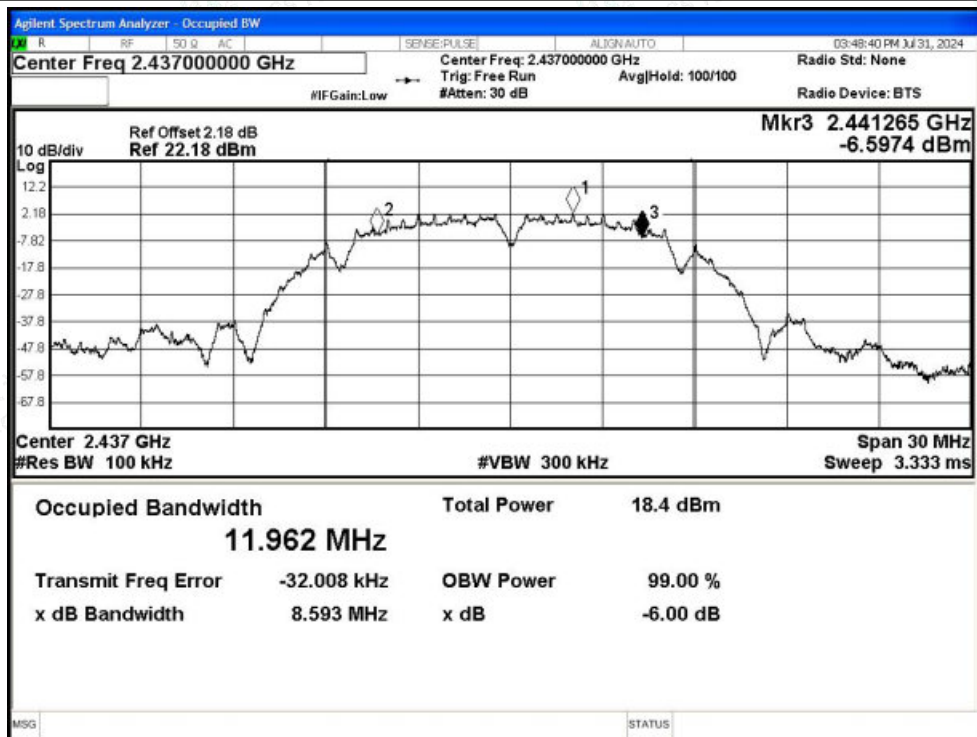


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1

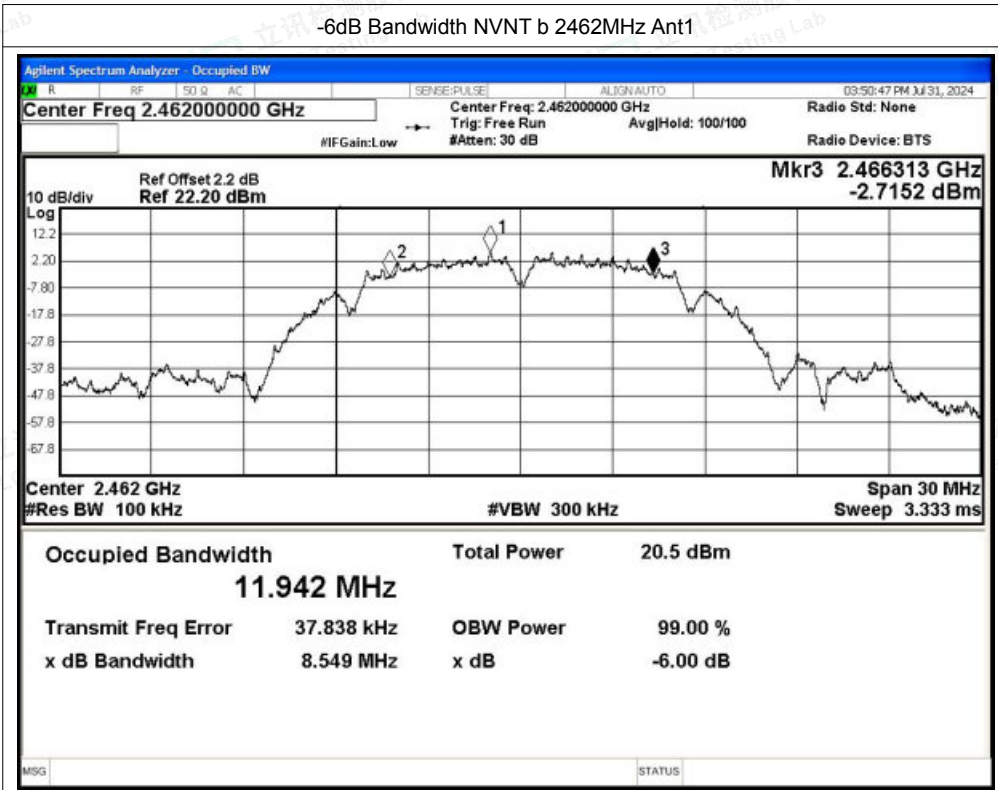


-6dB Bandwidth NVNT b 2437MHz Ant1

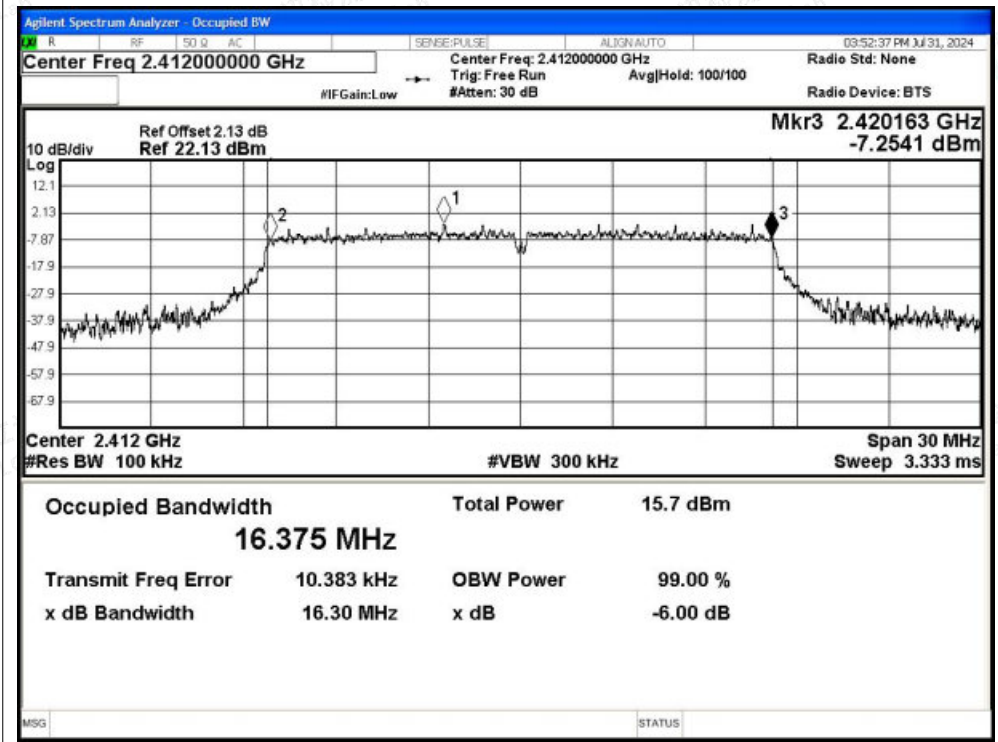




-6dB Bandwidth NVNT b 2462MHz Ant1

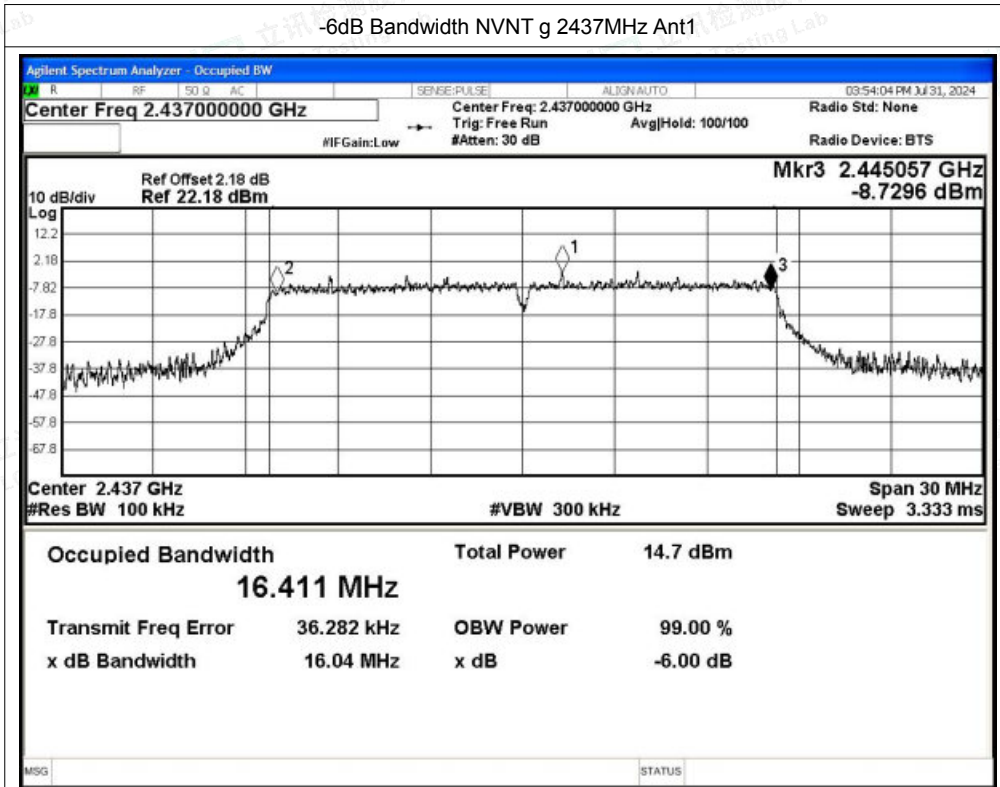


-6dB Bandwidth NVNT g 2412MHz Ant1

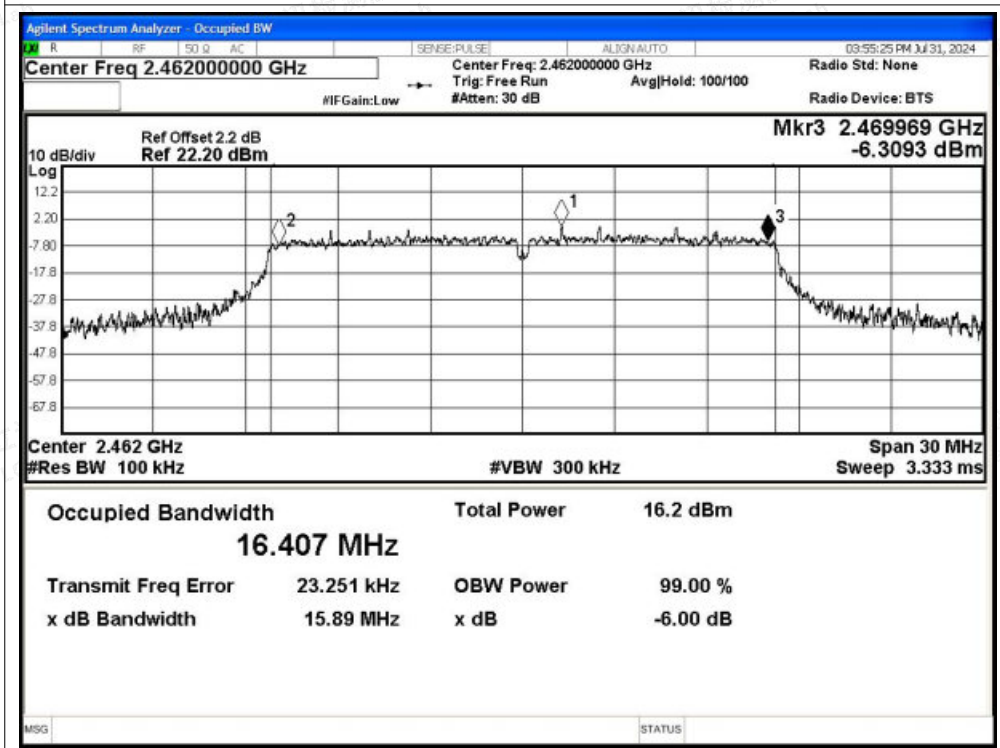




-6dB Bandwidth NVNT g 2437MHz Ant1

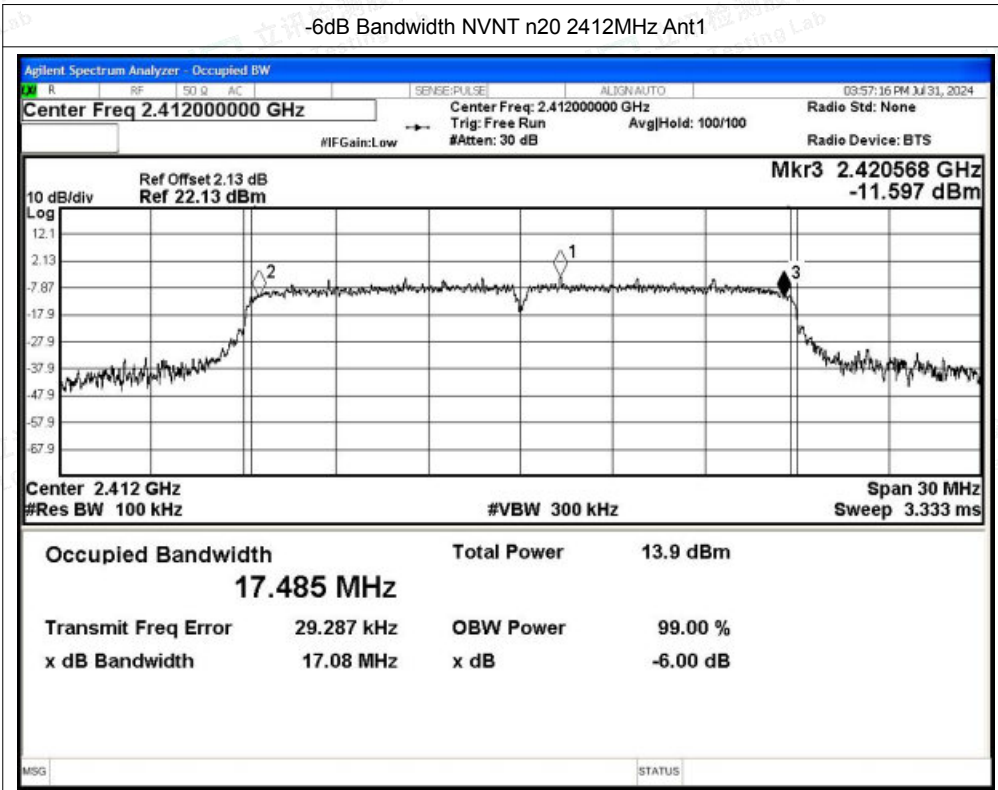


-6dB Bandwidth NVNT g 2462MHz Ant1

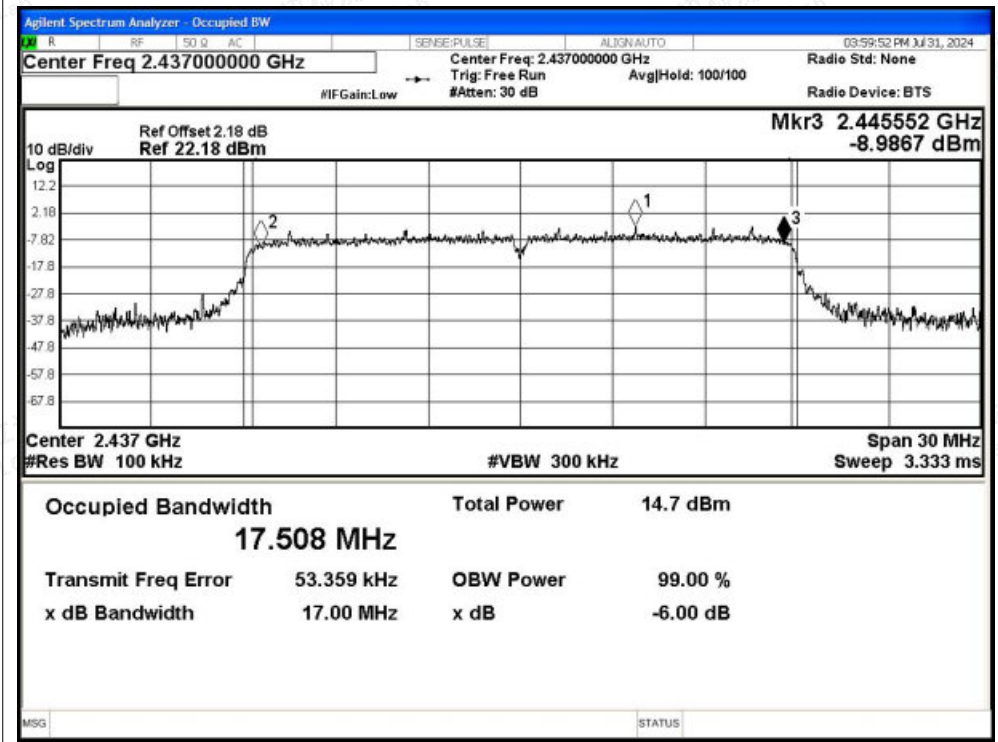




-6dB Bandwidth NVNT n20 2412MHz Ant1

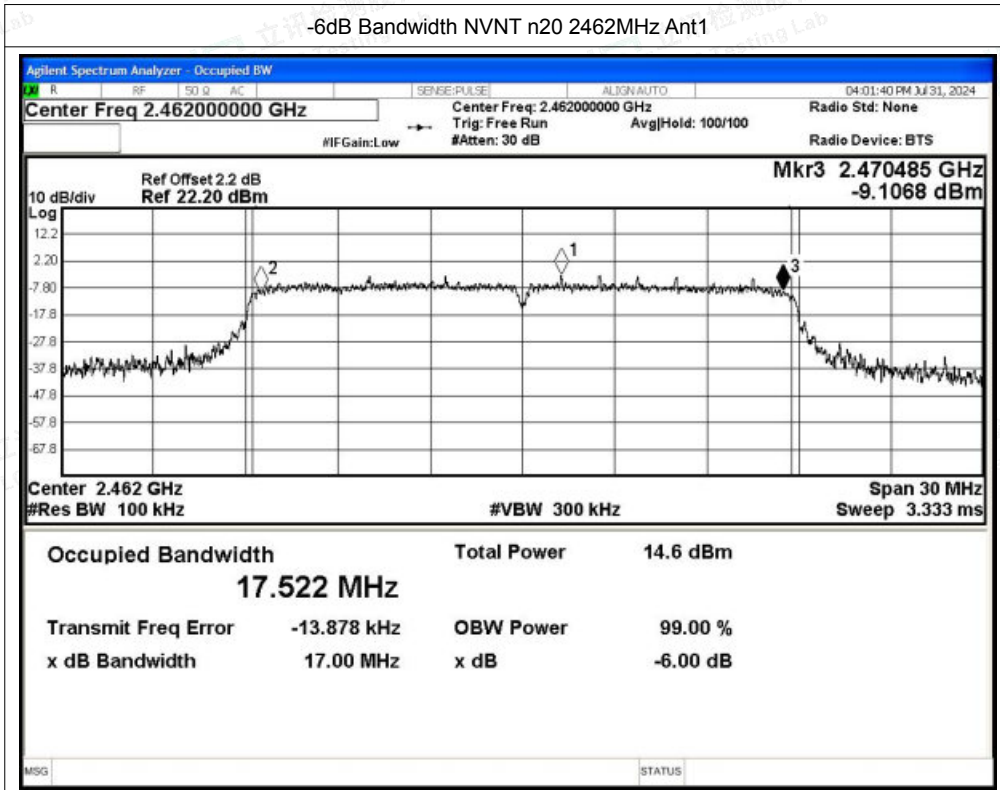


-6dB Bandwidth NVNT n20 2437MHz Ant1

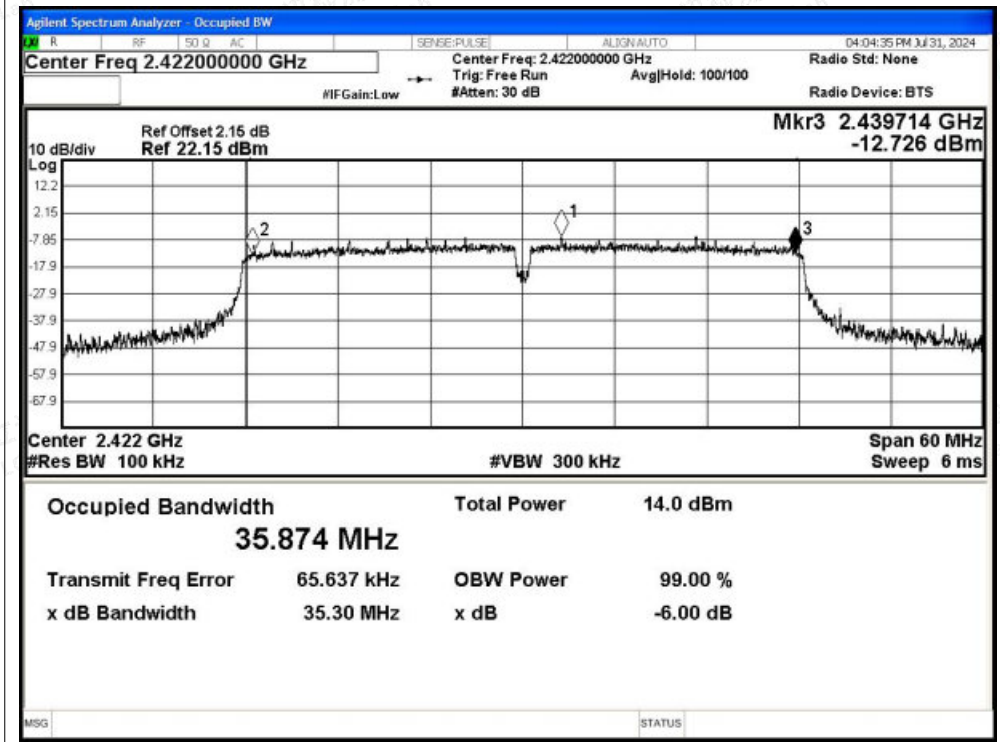




-6dB Bandwidth NVNT n20 2462MHz Ant1

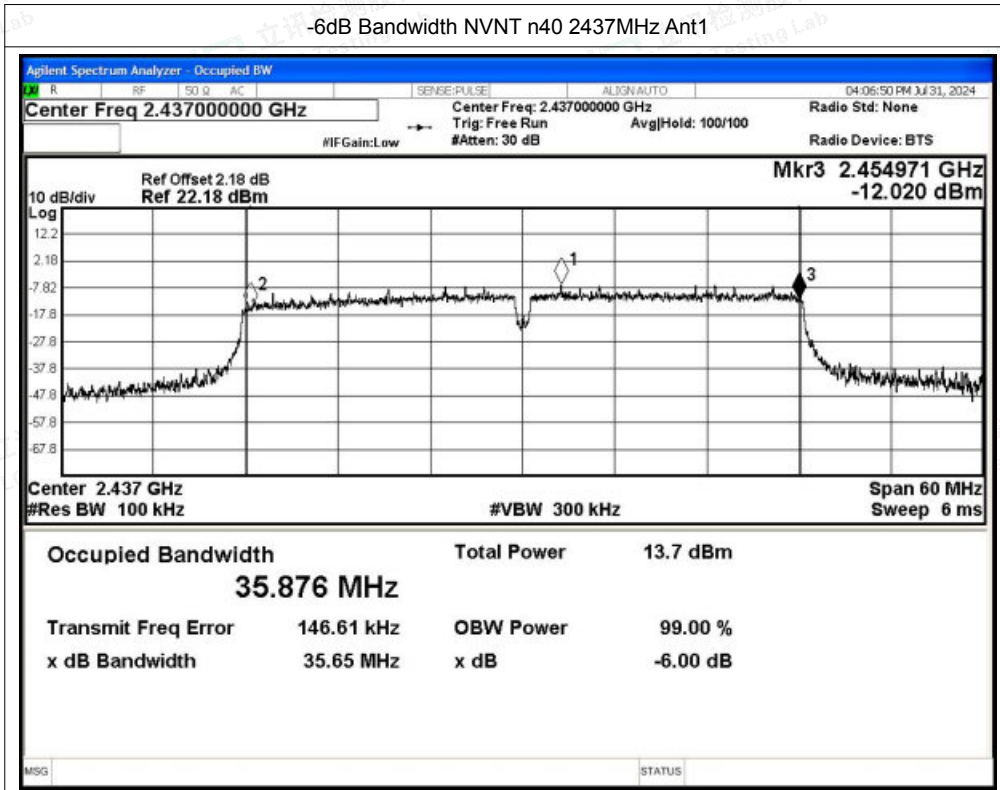


-6dB Bandwidth NVNT n40 2422MHz Ant1

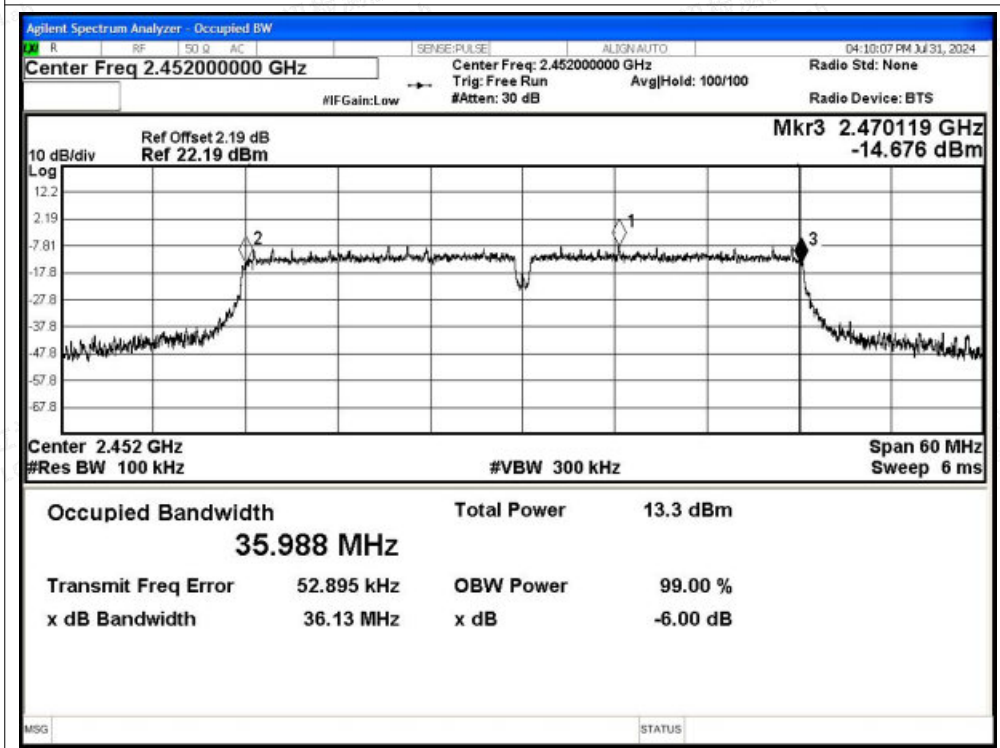




-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1

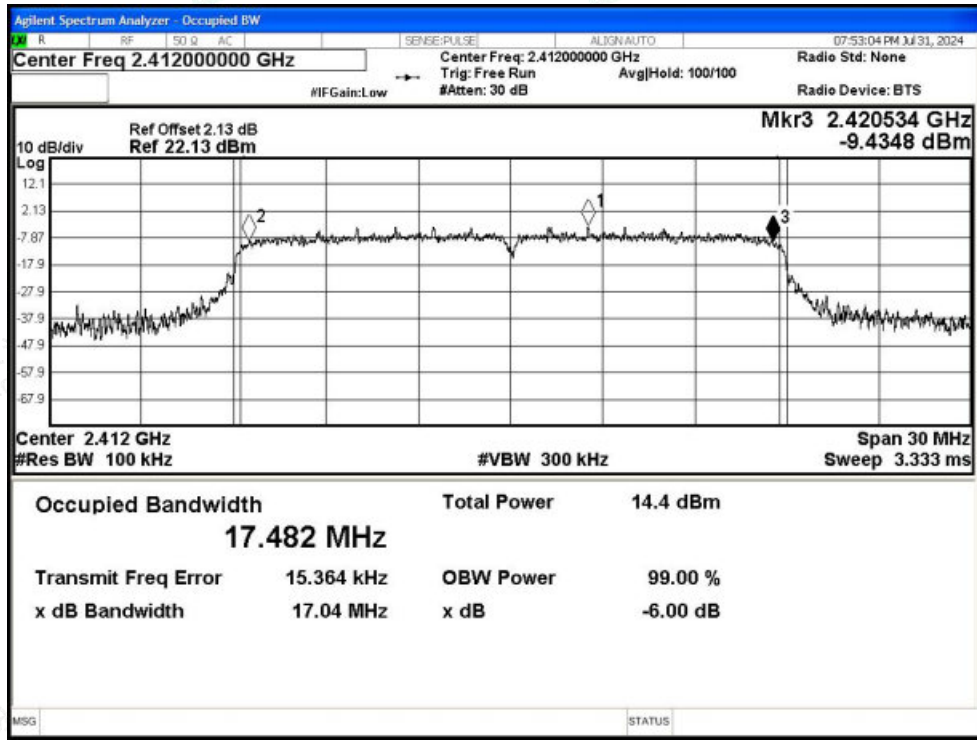




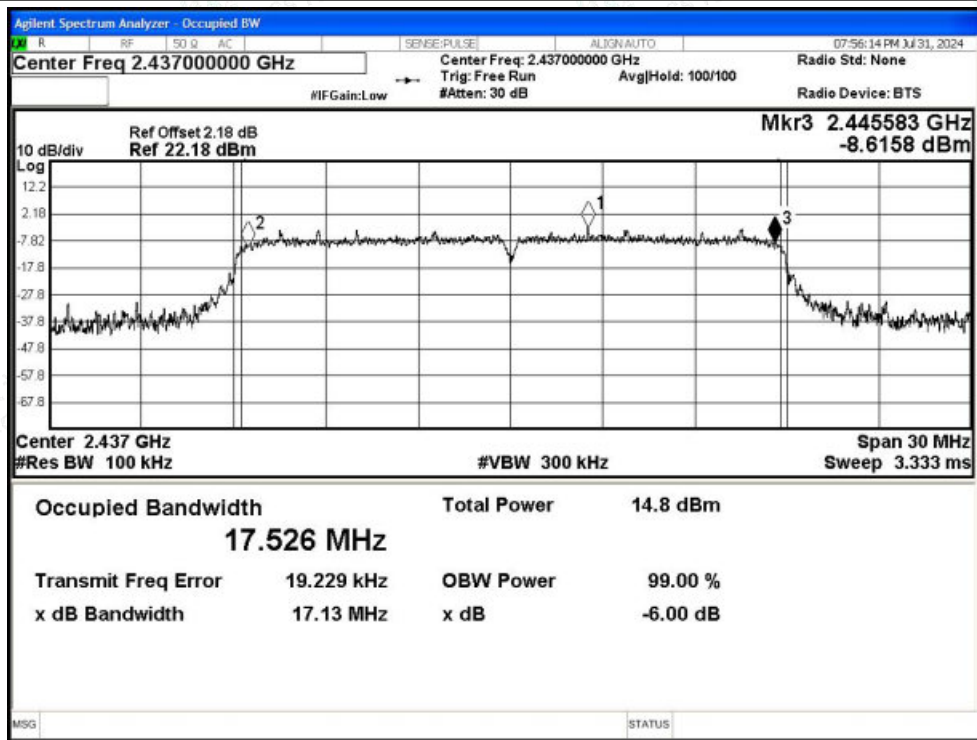


Test Graphs

-6dB Bandwidth NVNT ax20 2412MHz Ant1



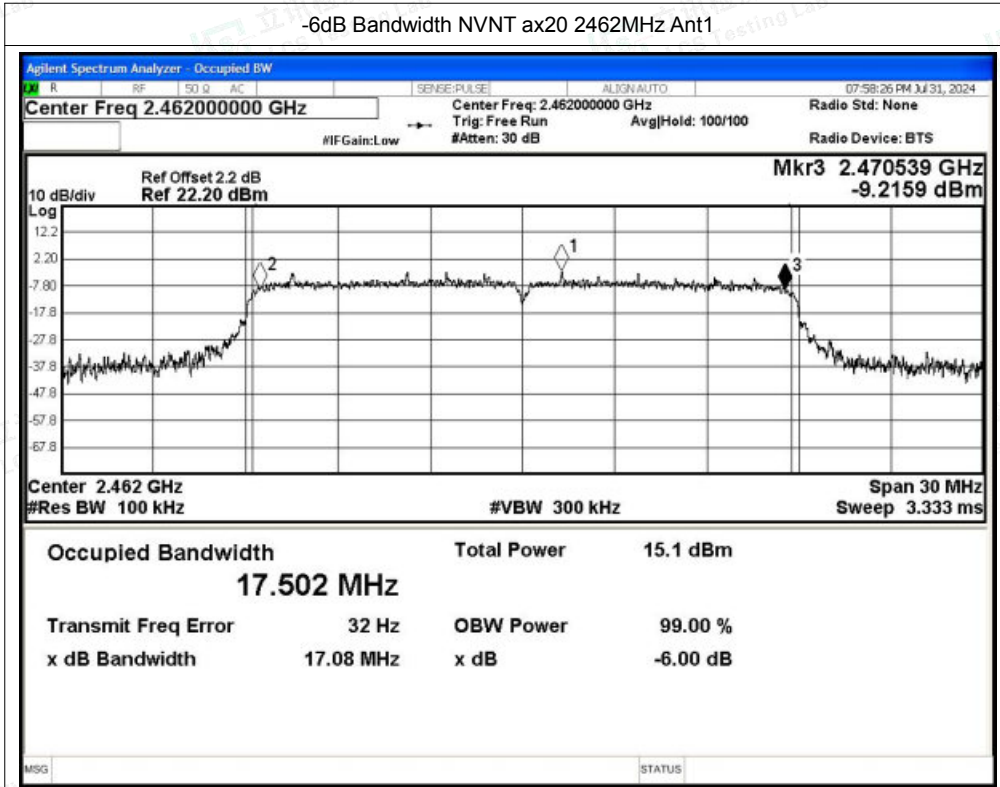
-6dB Bandwidth NVNT ax20 2437MHz Ant1



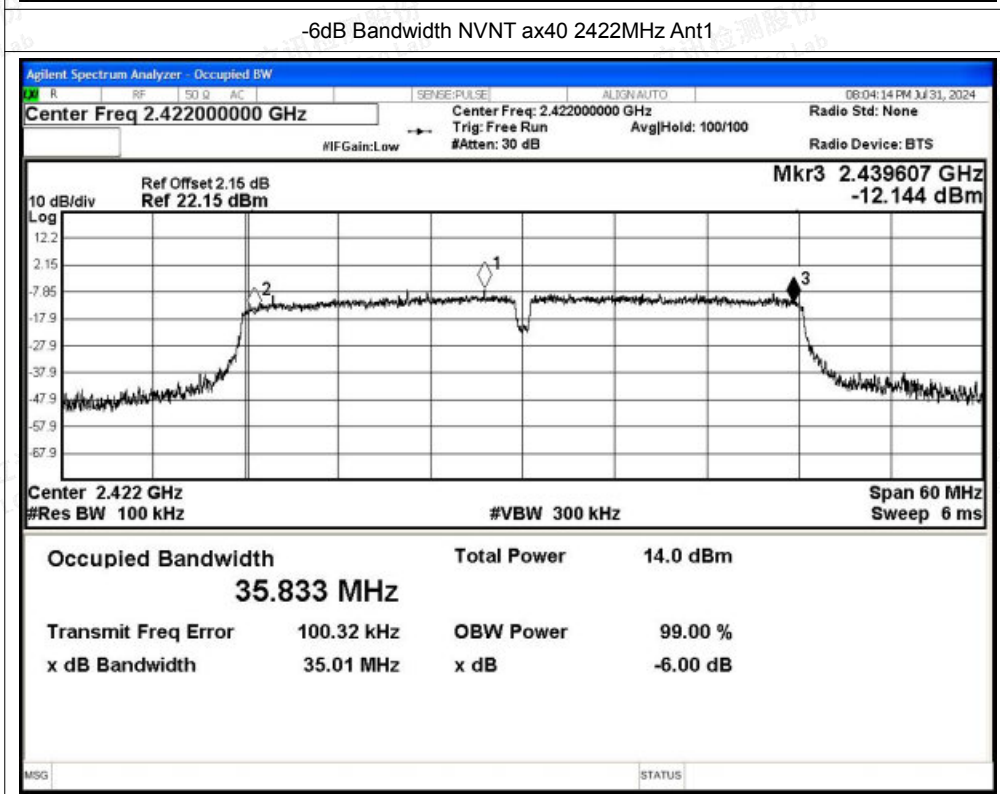


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-6dB Bandwidth NVNT ax20 2462MHz Ant1

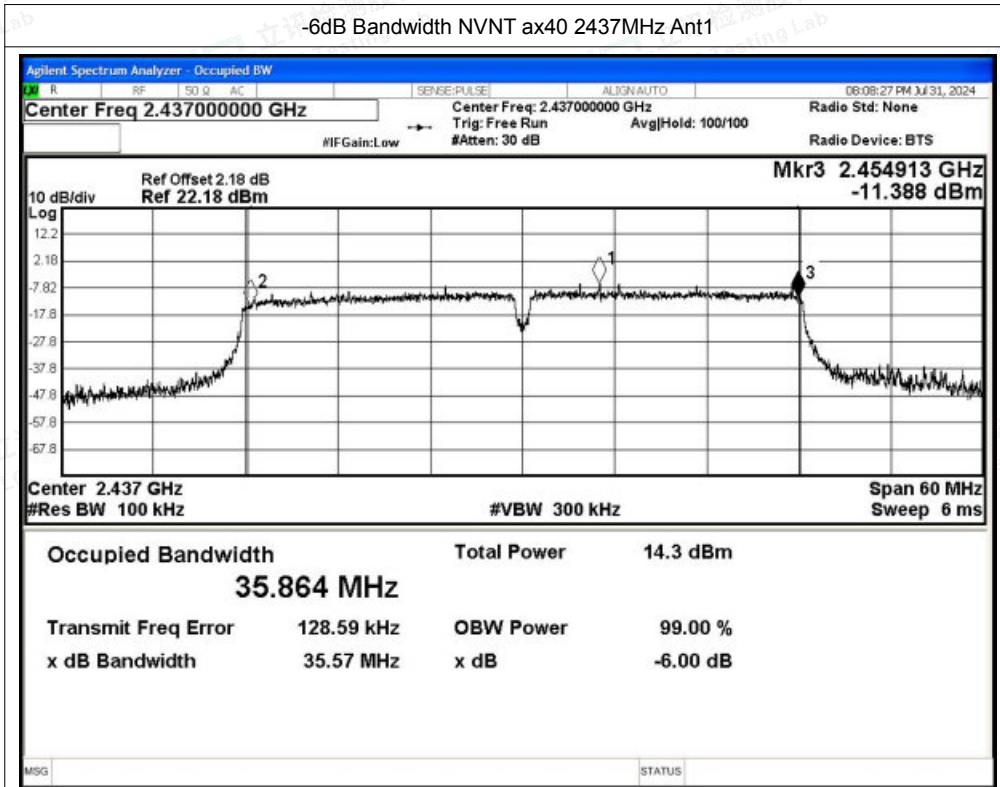


-6dB Bandwidth NVNT ax40 2422MHz Ant1

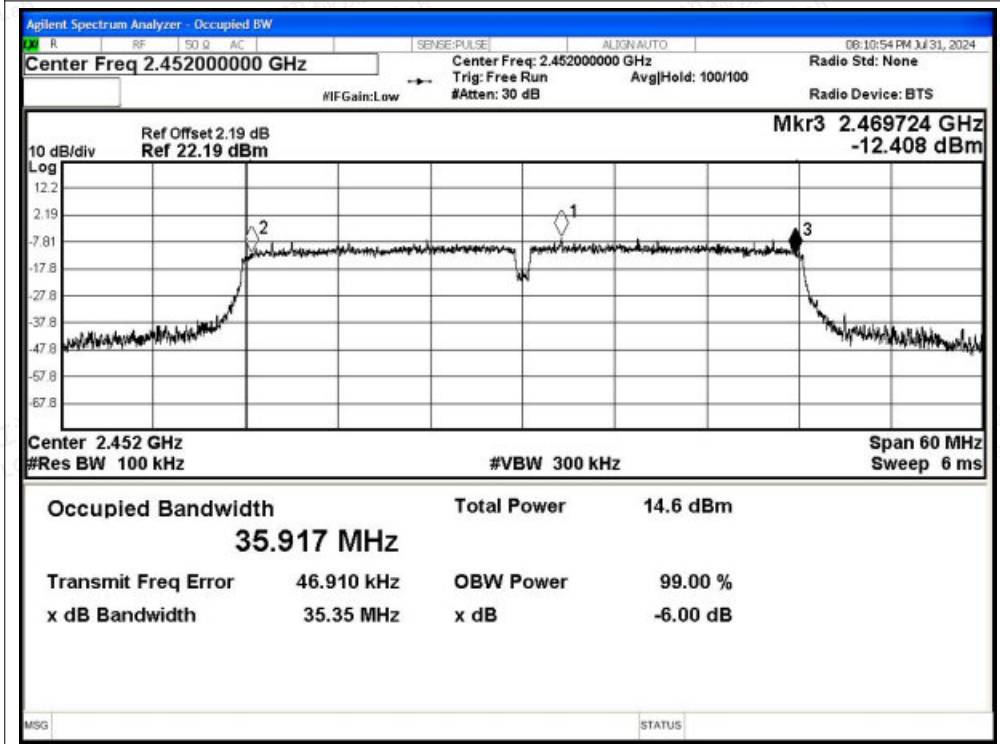




-6dB Bandwidth NVNT ax40 2437MHz Ant1



-6dB Bandwidth NVNT ax40 2452MHz Ant1



## C.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.22	30	Pass
NVNT	b	2437	Ant1	15.7	30	Pass
NVNT	b	2462	Ant1	15.44	30	Pass
NVNT	g	2412	Ant1	14.41	30	Pass
NVNT	g	2437	Ant1	14.62	30	Pass
NVNT	g	2462	Ant1	14.85	30	Pass
NVNT	n20	2412	Ant1	13.54	30	Pass
NVNT	n20	2437	Ant1	13.06	30	Pass
NVNT	n20	2462	Ant1	13.26	30	Pass
NVNT	n40	2422	Ant1	12.4	30	Pass
NVNT	n40	2437	Ant1	12.21	30	Pass
NVNT	n40	2452	Ant1	11.58	30	Pass
NVNT	ax20	2412	Ant1	13	30	Pass
NVNT	ax20	2437	Ant1	13.26	30	Pass
NVNT	ax20	2462	Ant1	13.6	30	Pass
NVNT	ax40	2422	Ant1	12.57	30	Pass
NVNT	ax40	2437	Ant1	12.84	30	Pass
NVNT	ax40	2452	Ant1	13.01	30	Pass



### C.3 Maximum Power Spectral Density Level

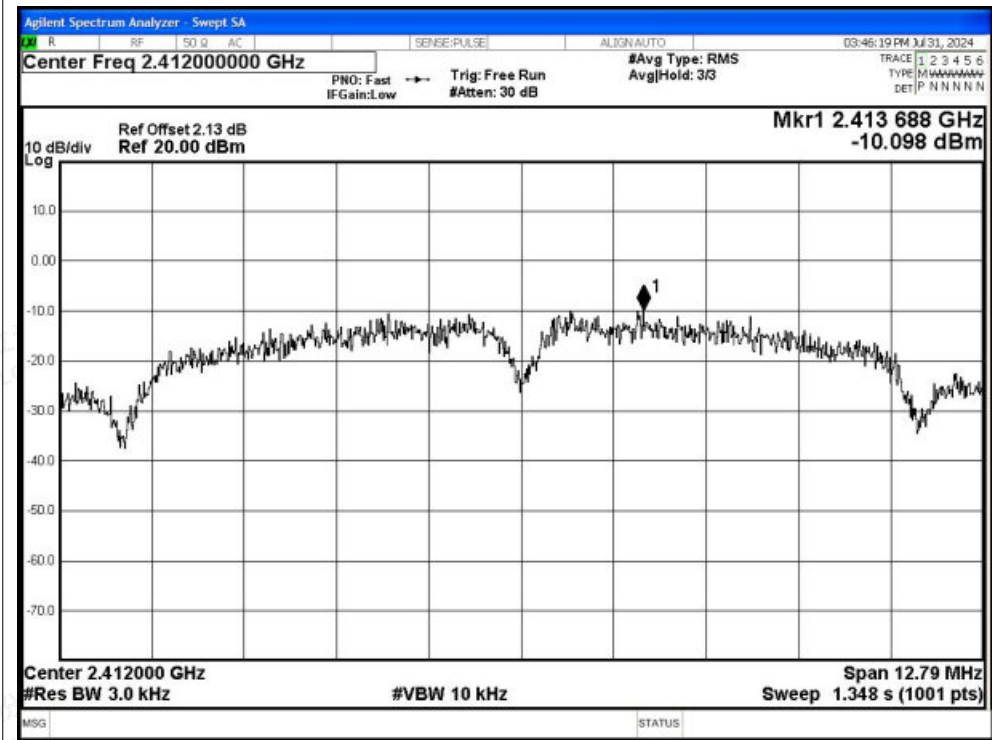
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-10.1	8	Pass
NVNT	b	2437	Ant1	-7.43	8	Pass
NVNT	b	2462	Ant1	-9.26	8	Pass
NVNT	g	2412	Ant1	-15.6	8	Pass
NVNT	g	2437	Ant1	-17.44	8	Pass
NVNT	g	2462	Ant1	-15.09	8	Pass
NVNT	n20	2412	Ant1	-19.16	8	Pass
NVNT	n20	2437	Ant1	-17.87	8	Pass
NVNT	n20	2462	Ant1	-17.2	8	Pass
NVNT	n40	2422	Ant1	-20.85	8	Pass
NVNT	n40	2437	Ant1	-21.6	8	Pass
NVNT	n40	2452	Ant1	-22.5	8	Pass
NVNT	ax20	2412	Ant1	-16.69	8	Pass
NVNT	ax20	2437	Ant1	-16.78	8	Pass
NVNT	ax20	2462	Ant1	-16.63	8	Pass
NVNT	ax40	2422	Ant1	-19.89	8	Pass
NVNT	ax40	2437	Ant1	-20.61	8	Pass
NVNT	ax40	2452	Ant1	-18.62	8	Pass



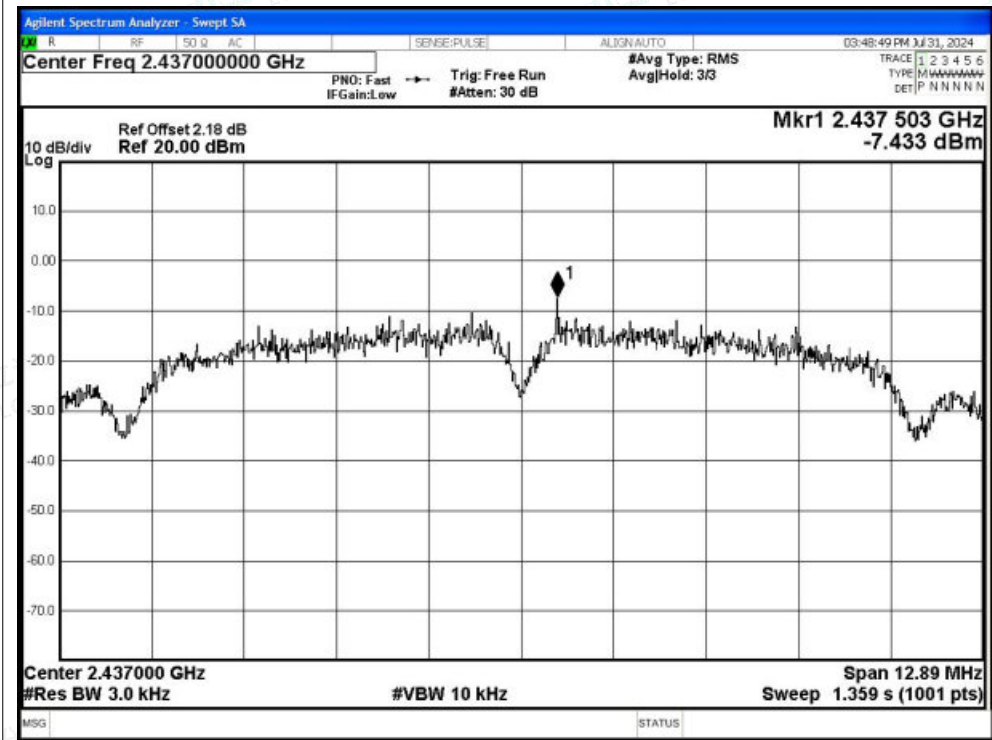


Test Graphs

PSD NVNT b 2412MHz Ant1

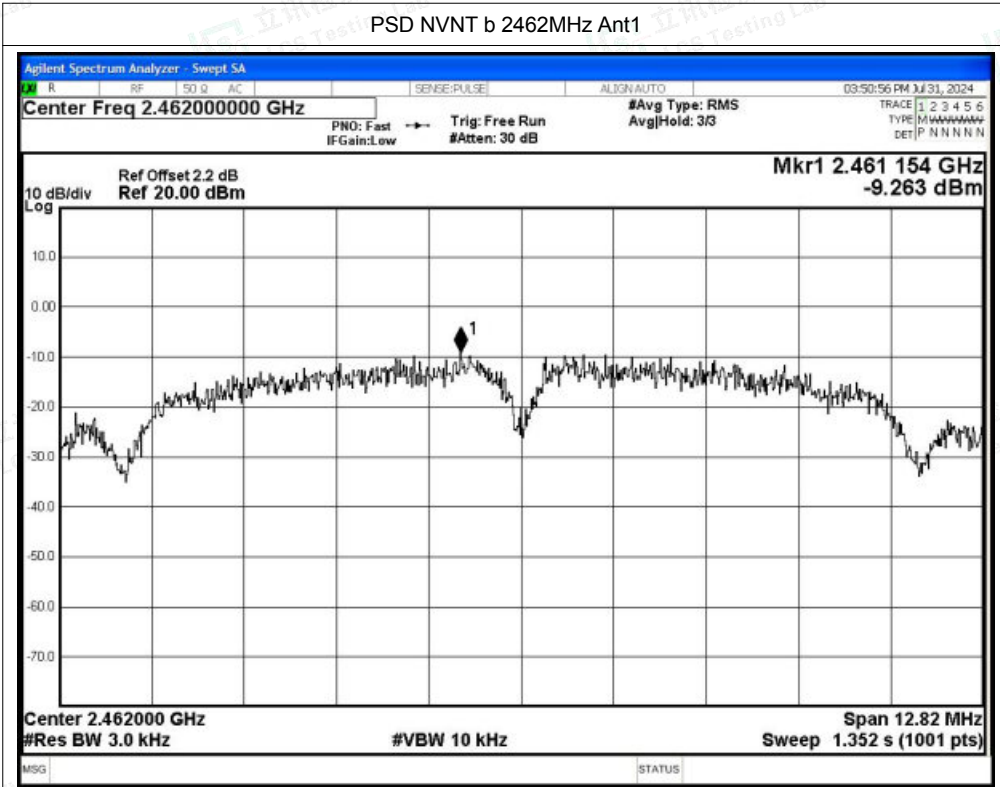


PSD NVNT b 2437MHz Ant1

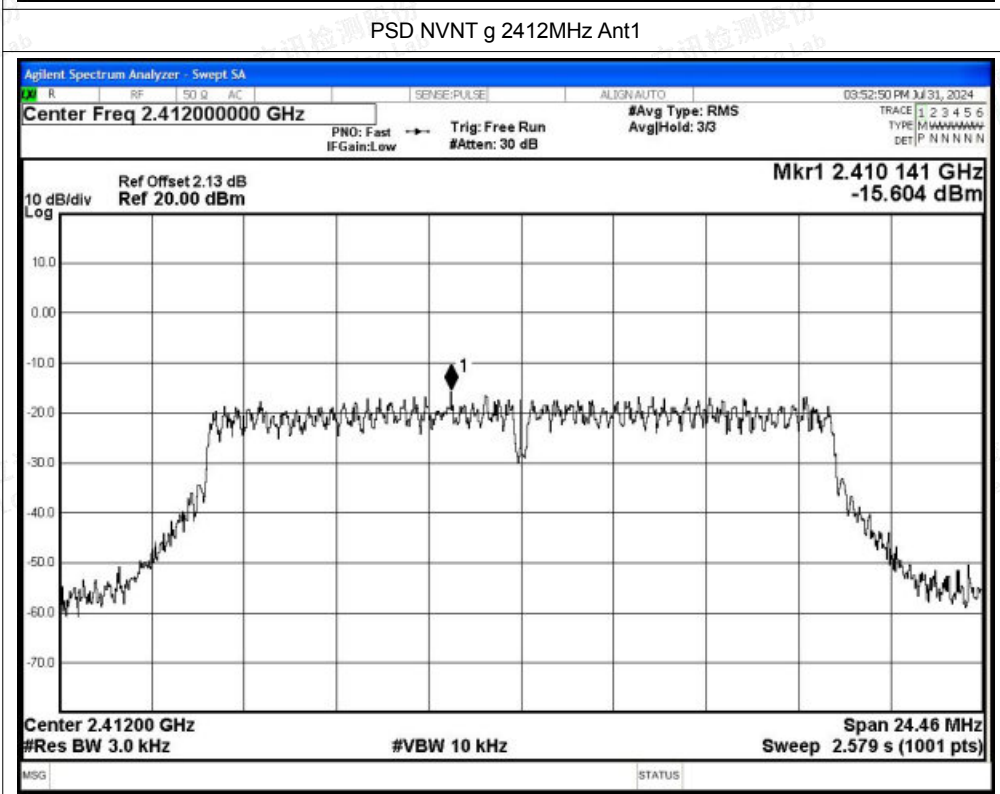




PSD NVNT b 2462MHz Ant1

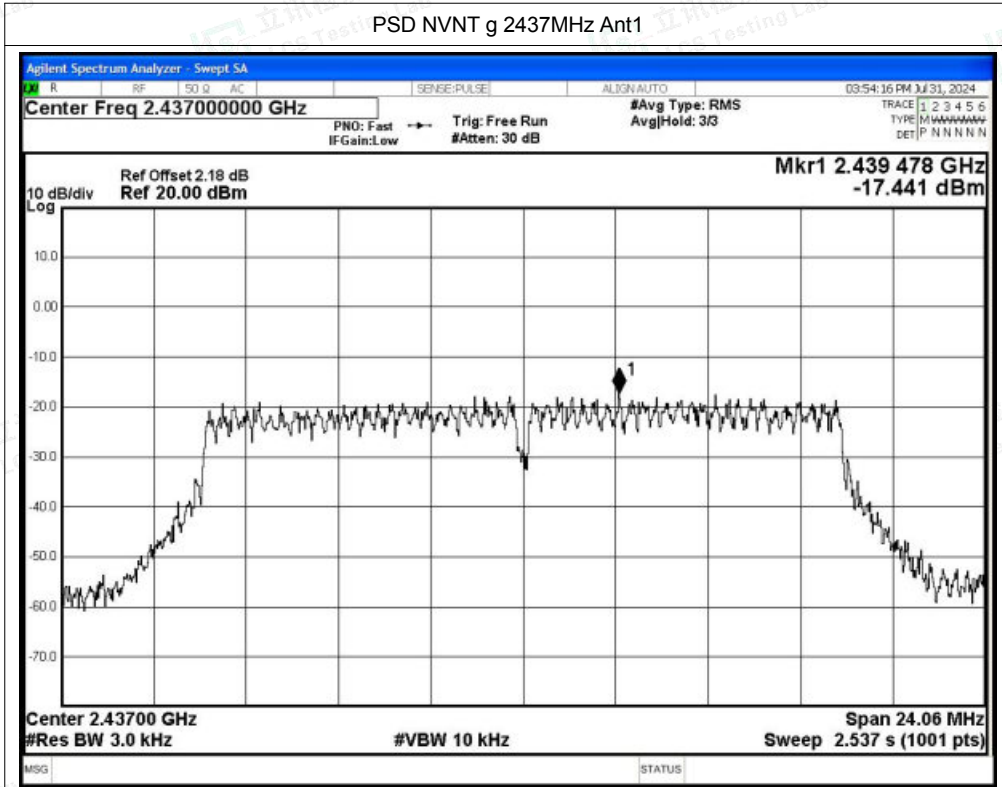


PSD NVNT g 2412MHz Ant1

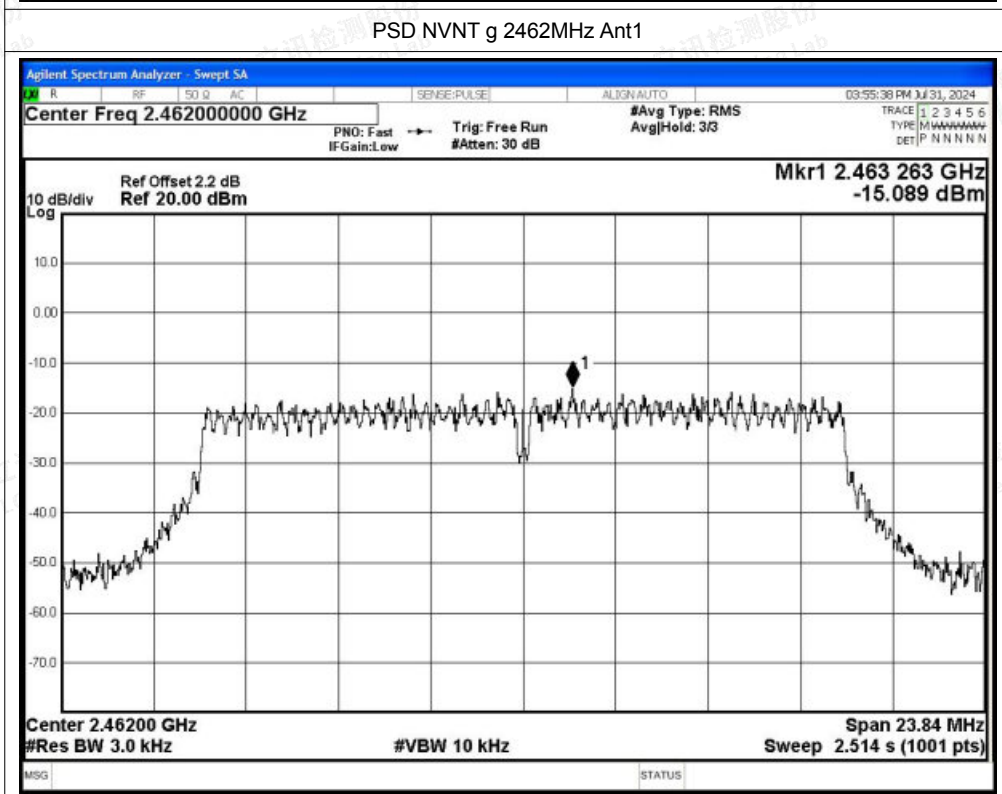




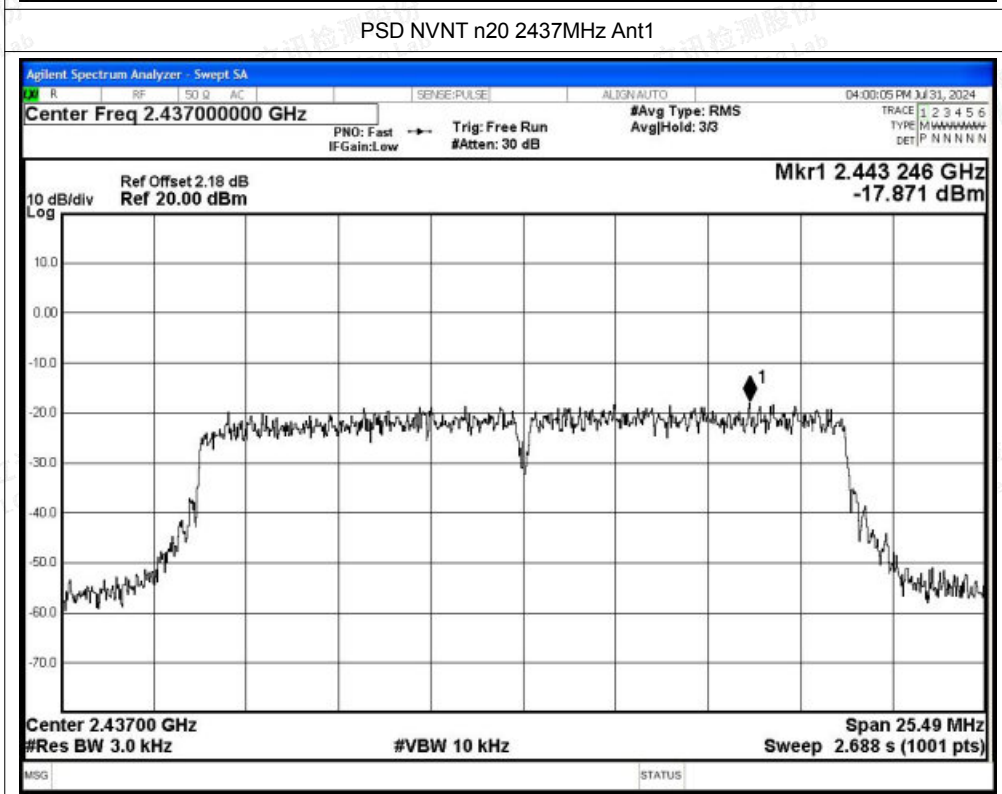
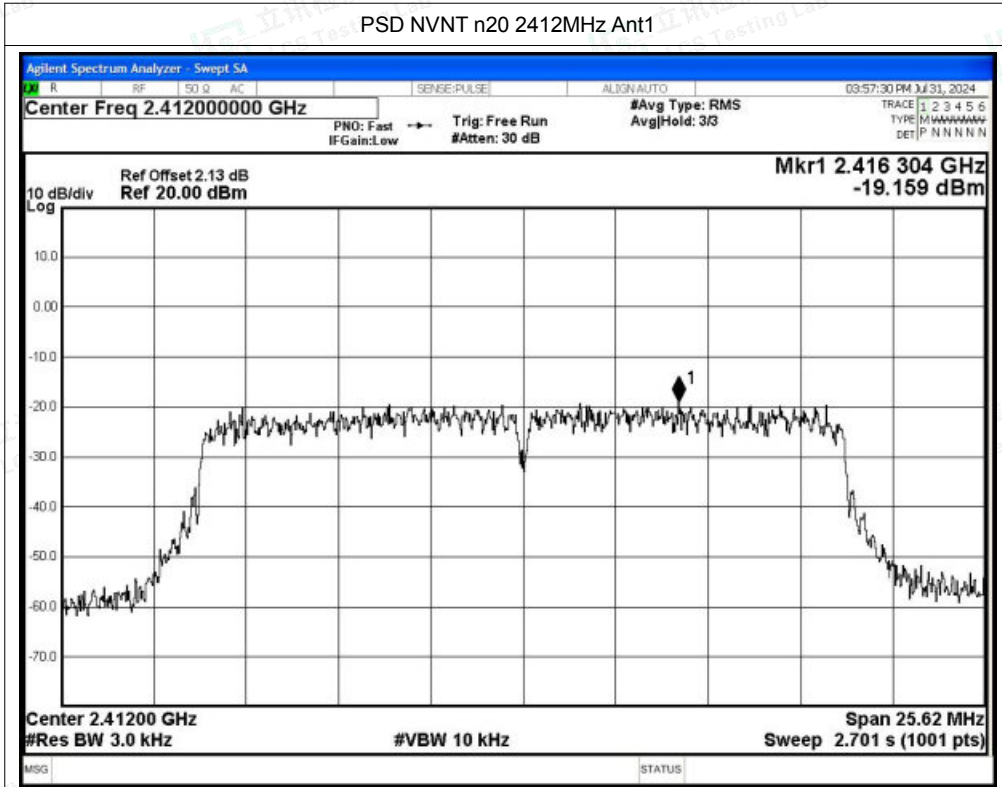
PSD NVNT g 2437MHz Ant1

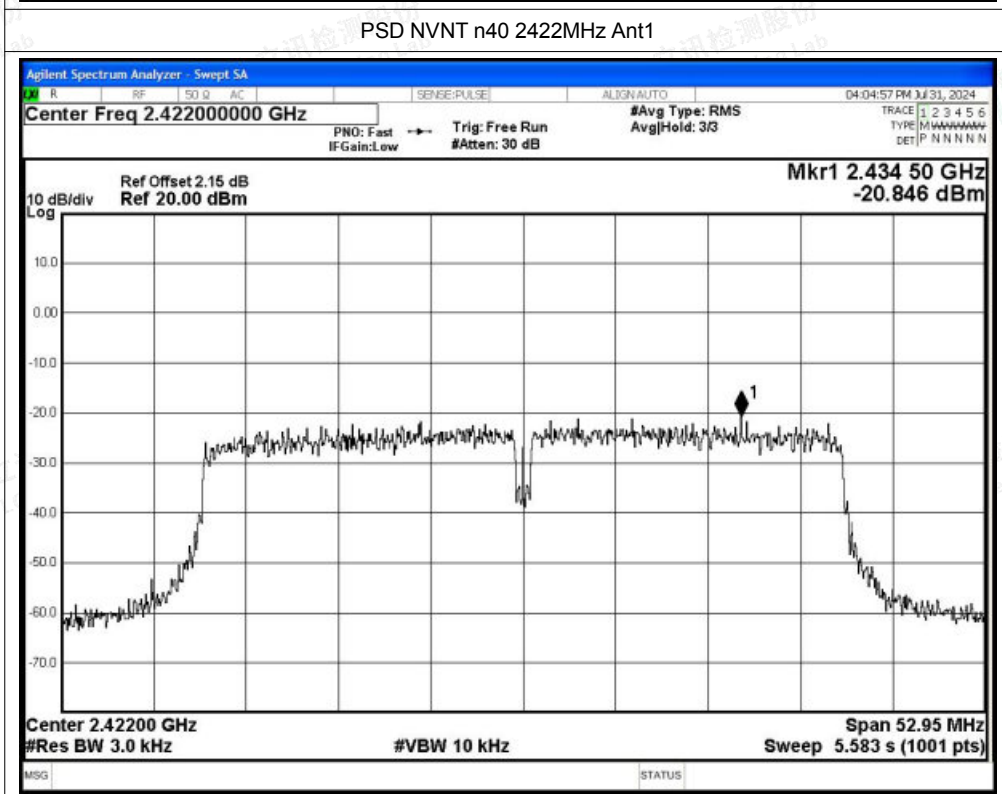
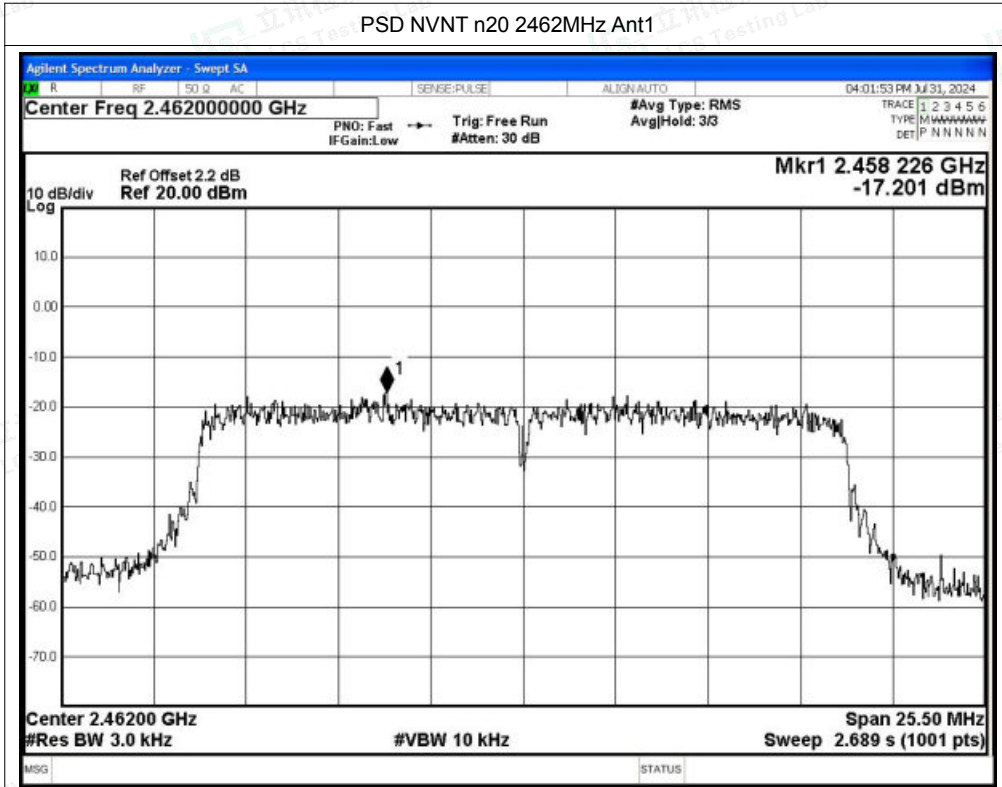


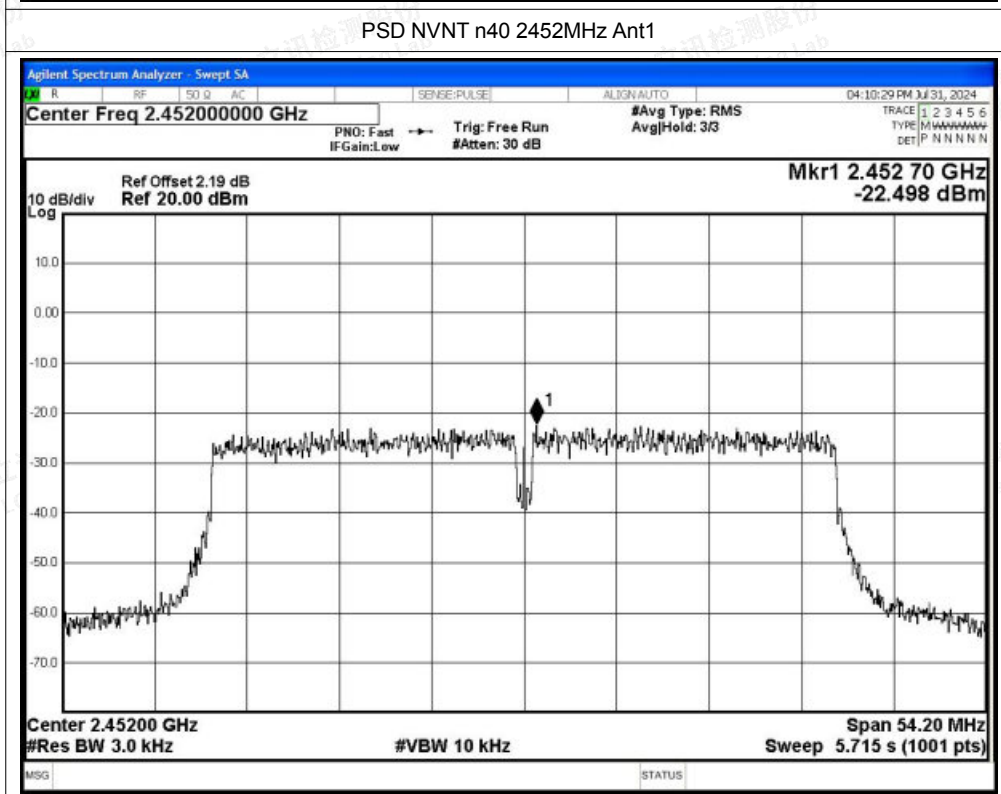
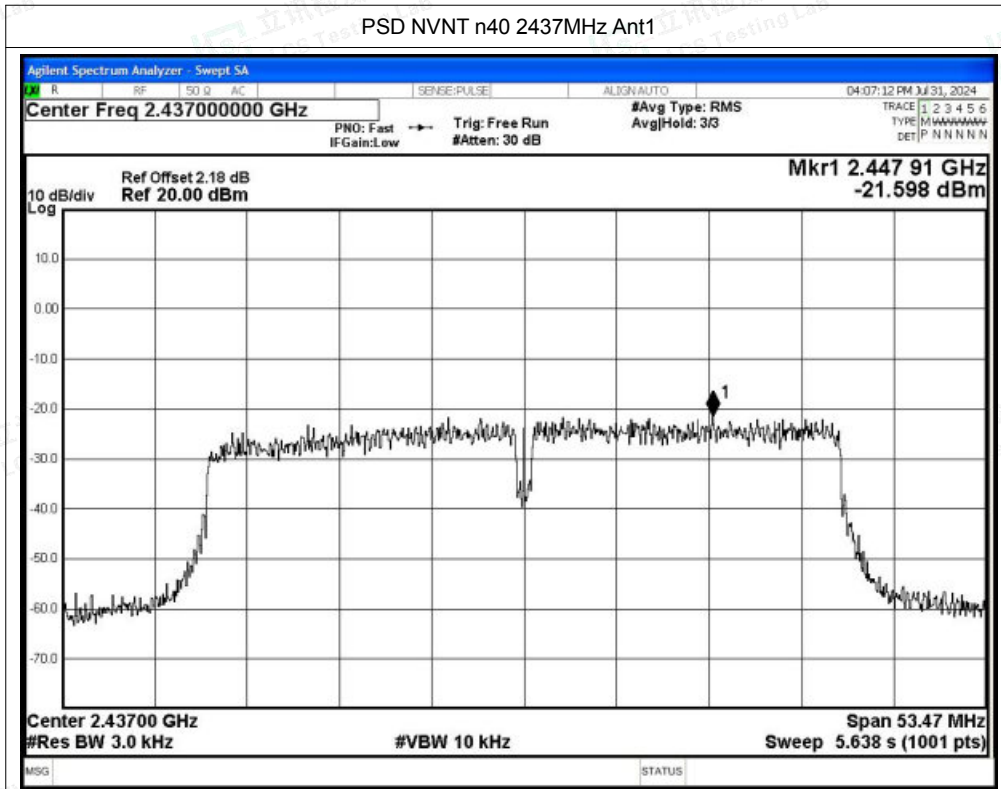
PSD NVNT g 2462MHz Ant1







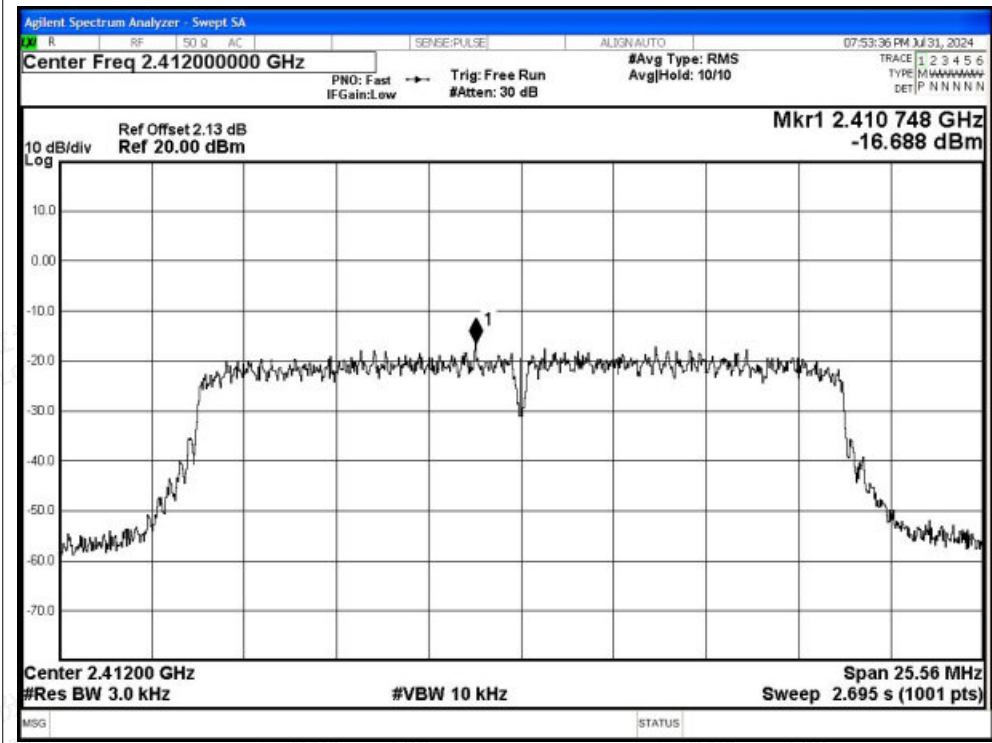




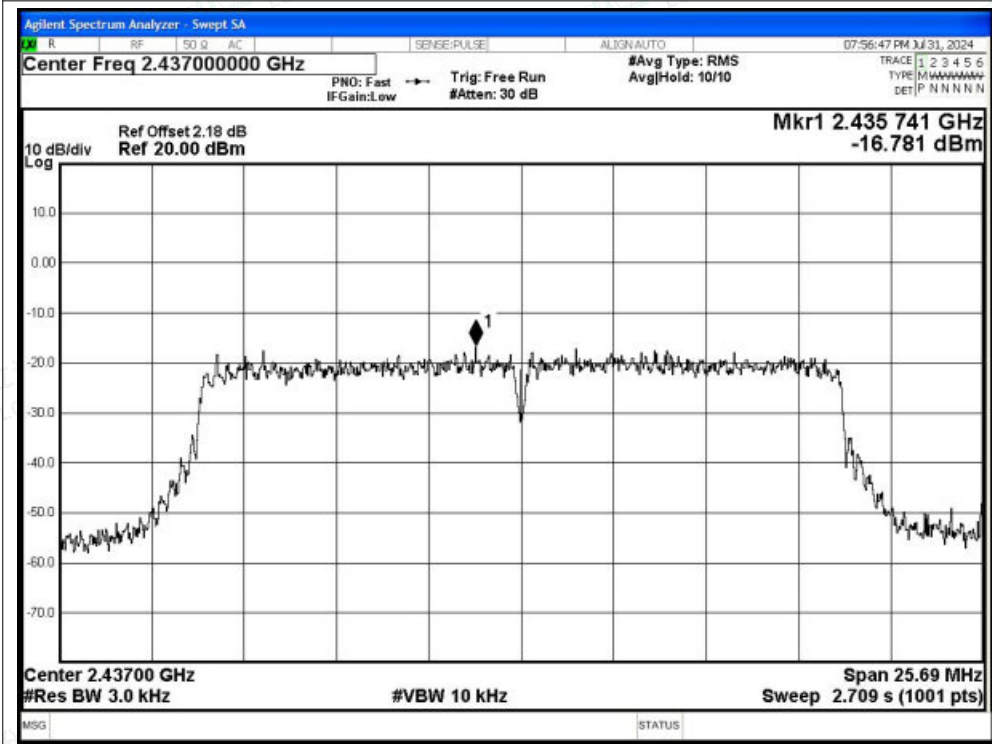


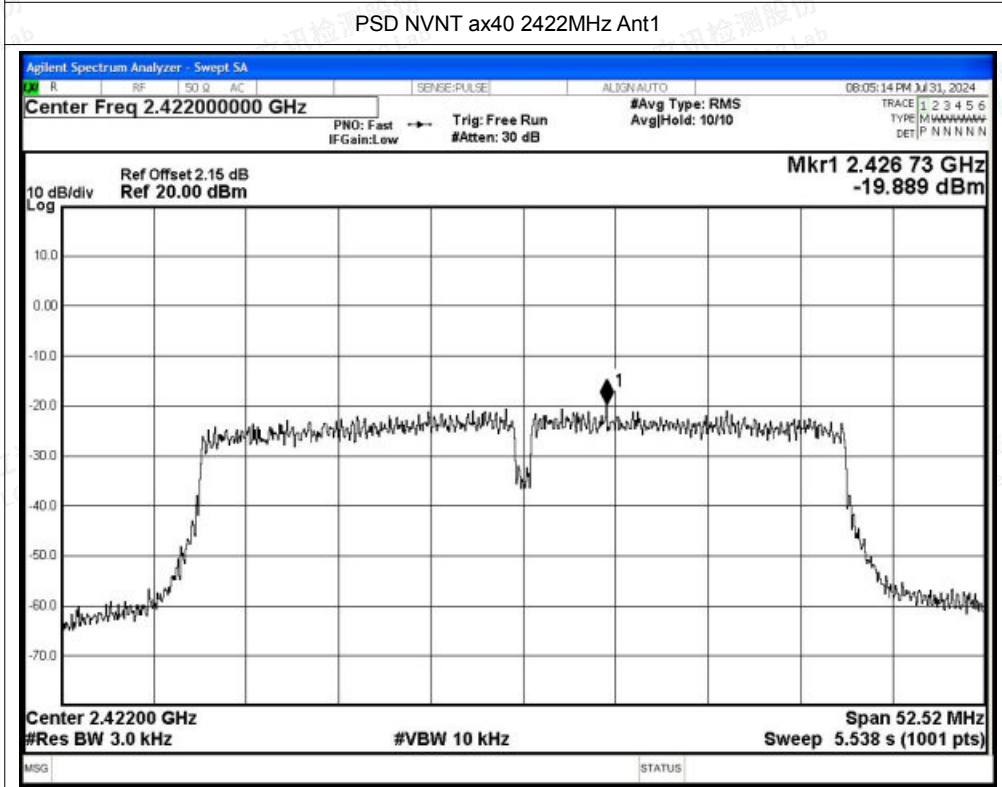
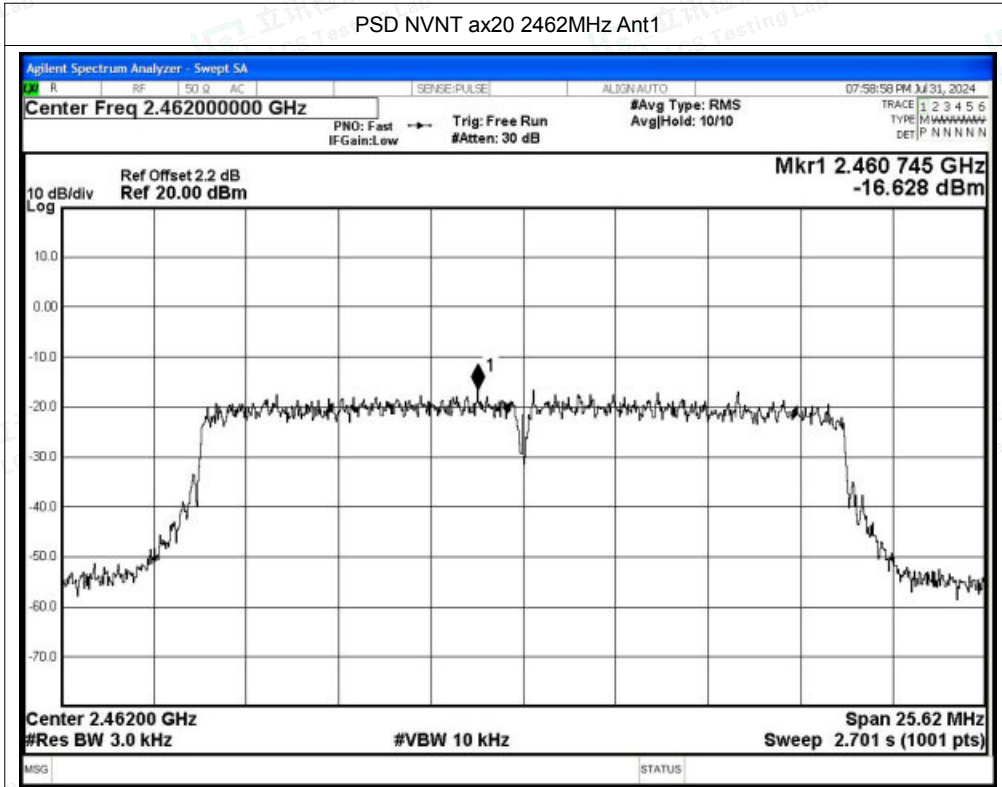
Test Graphs

PSD NVNT ax20 2412MHz Ant1



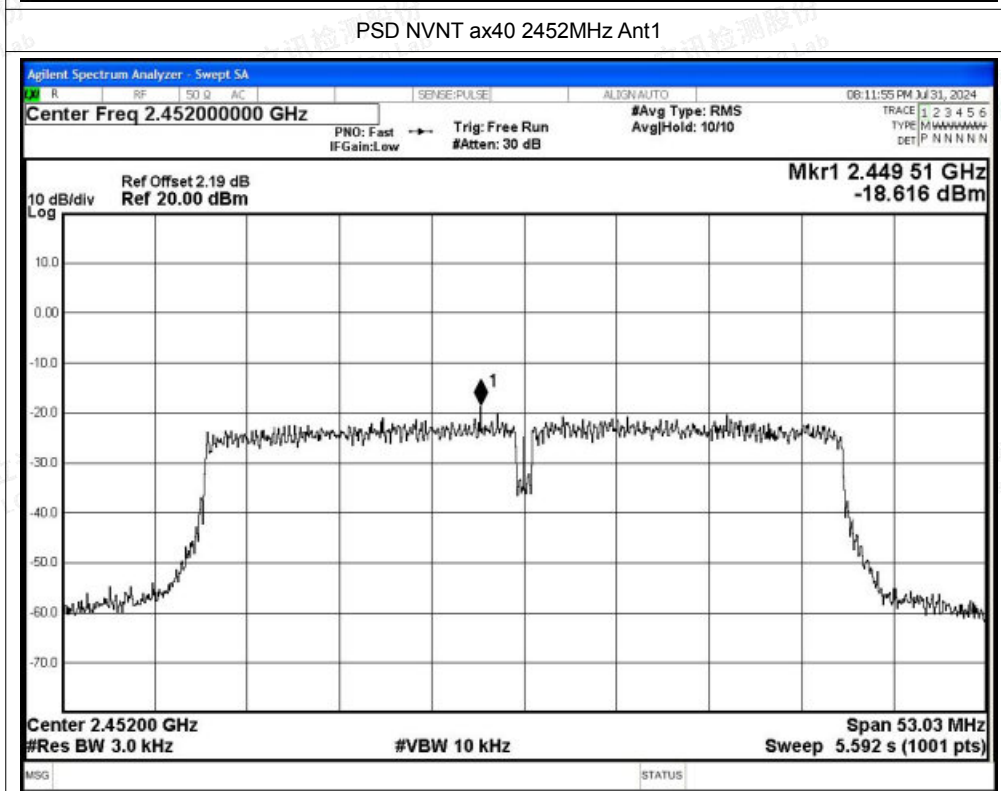
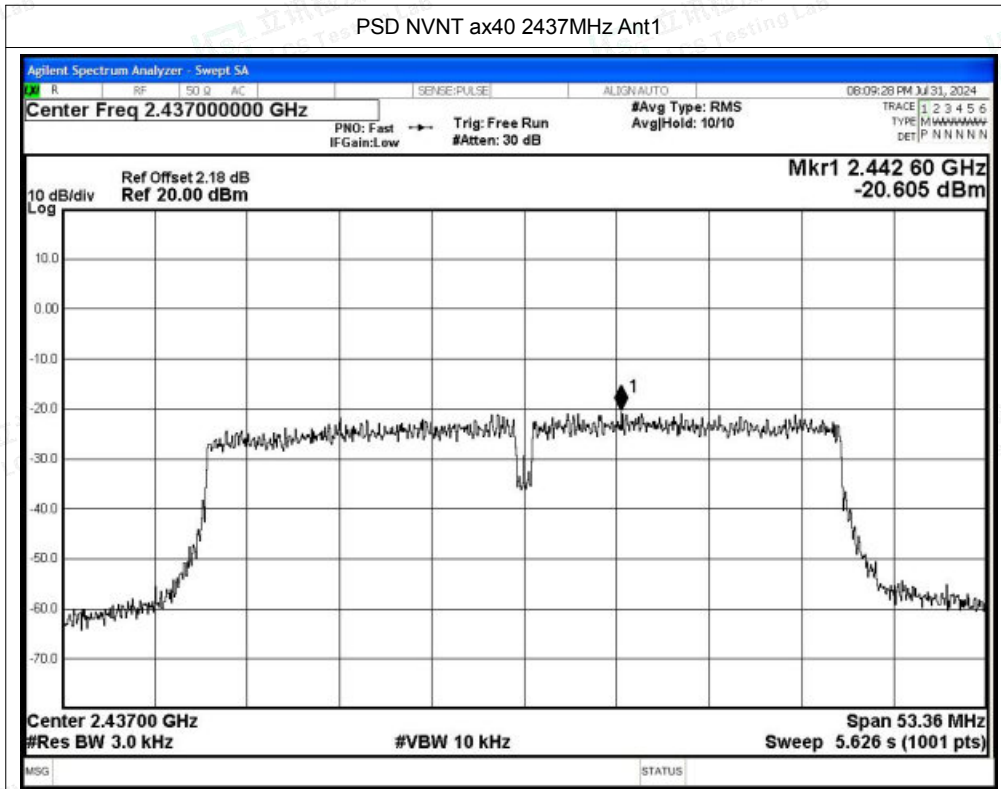
PSD NVNT ax20 2437MHz Ant1







LCSAV2194136ED



## C.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-40.34	-20	Pass
NVNT	b	2462	Ant1	-58.61	-20	Pass
NVNT	g	2412	Ant1	-33.77	-20	Pass
NVNT	g	2462	Ant1	-43.42	-20	Pass
NVNT	n20	2412	Ant1	-29.7	-20	Pass
NVNT	n20	2462	Ant1	-41.33	-20	Pass
NVNT	n40	2422	Ant1	-32.69	-20	Pass
NVNT	n40	2452	Ant1	-36.87	-20	Pass
NVNT	ax20	2412	Ant1	-31.63	-20	Pass
NVNT	ax20	2462	Ant1	-40.96	-20	Pass
NVNT	ax40	2422	Ant1	-34.37	-20	Pass
NVNT	ax40	2452	Ant1	-37.82	-20	Pass

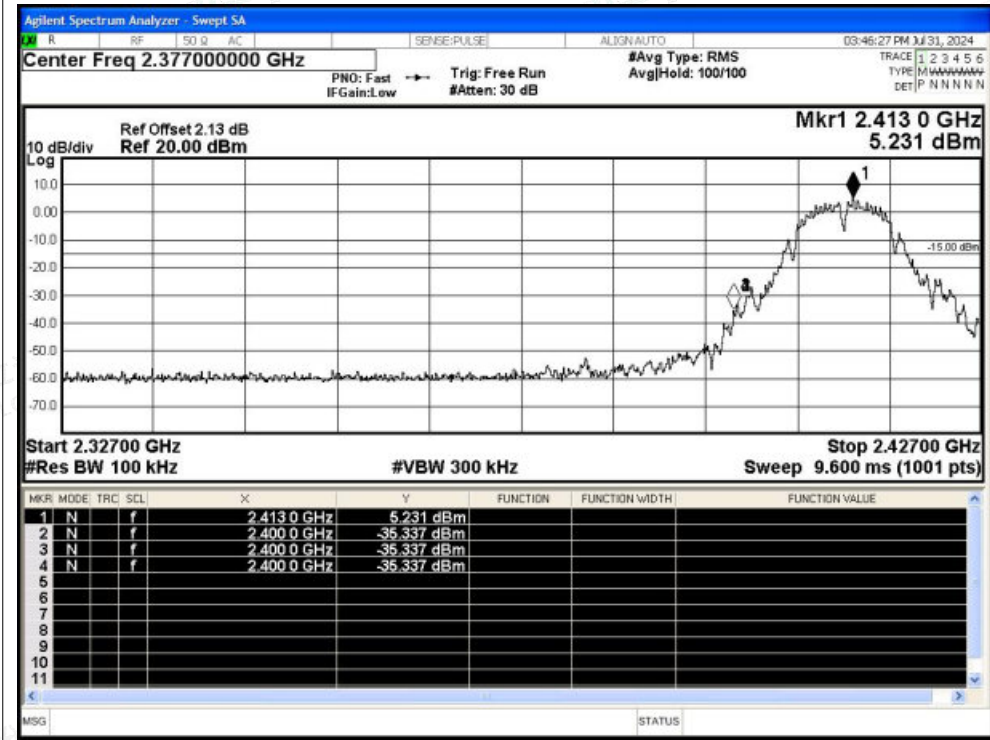


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref

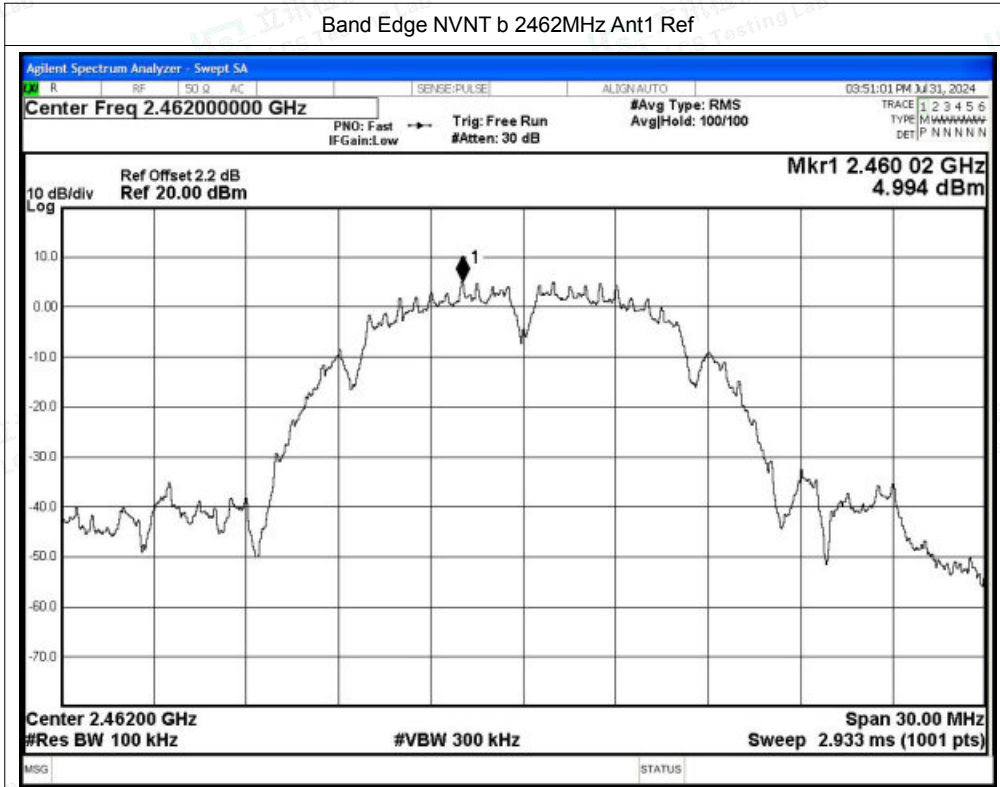


Band Edge NVNT b 2412MHz Ant1 Emission

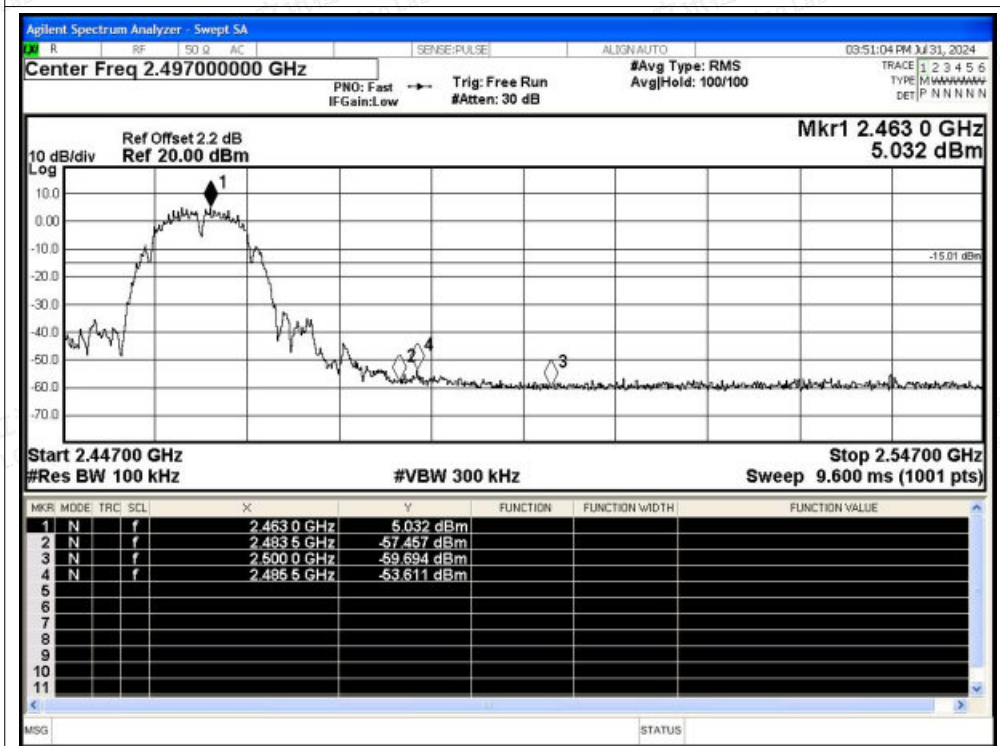




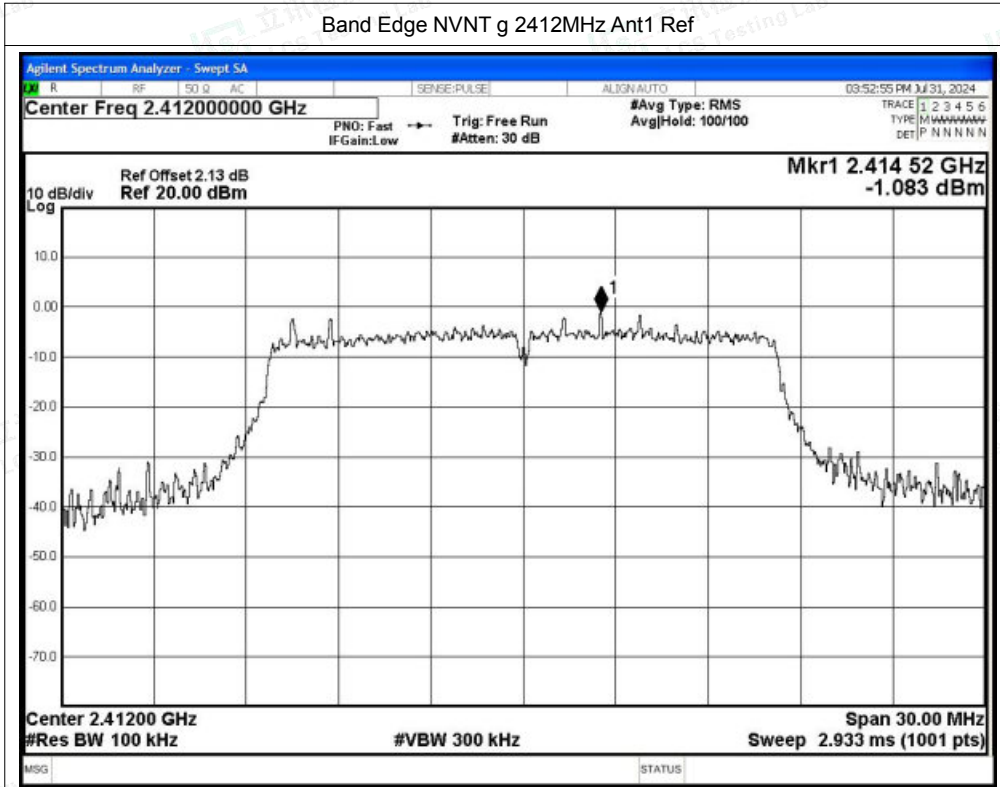
Band Edge NVNT b 2462MHz Ant1 Ref



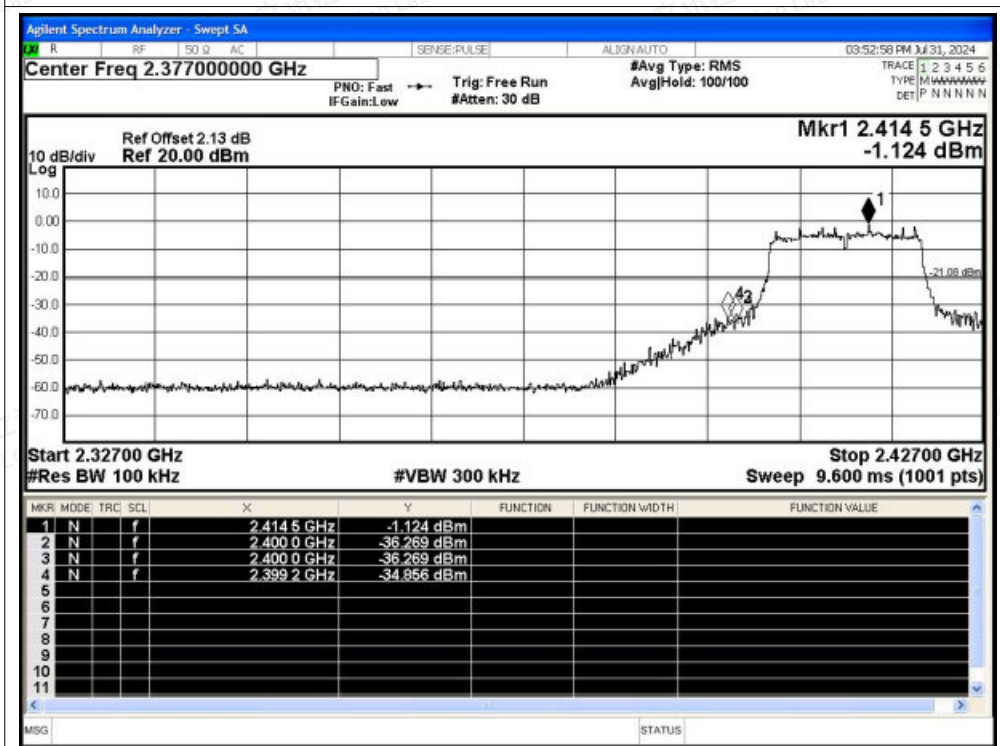
Band Edge NVNT b 2462MHz Ant1 Emission



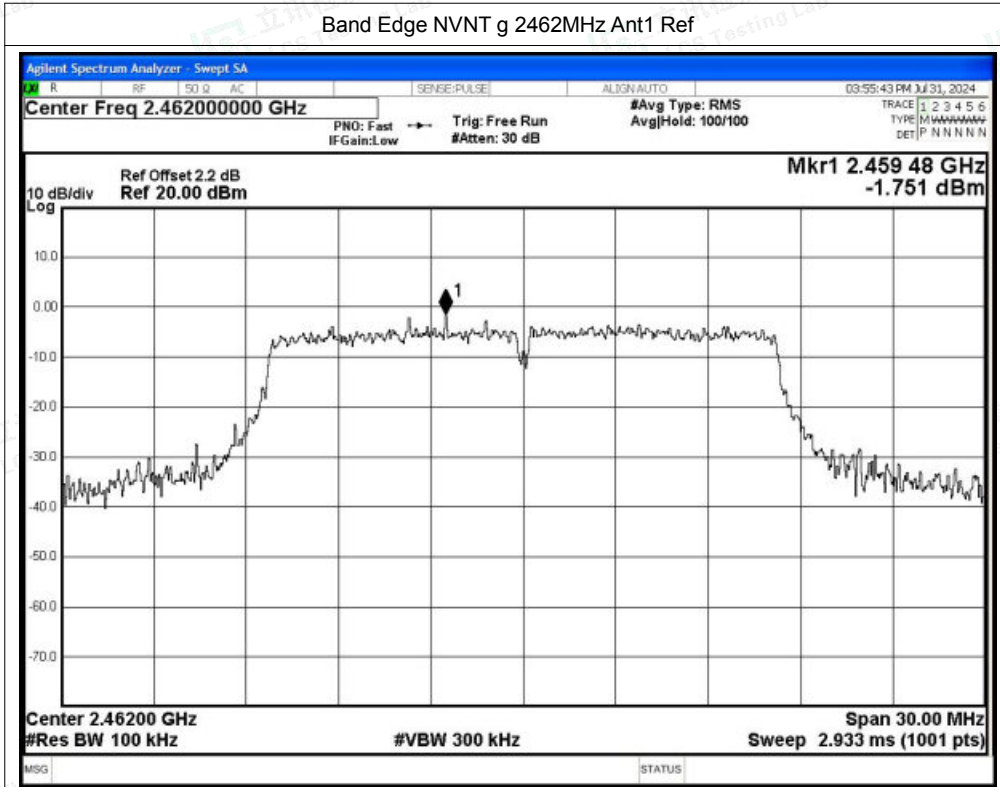
Band Edge NVNT g 2412MHz Ant1 Ref



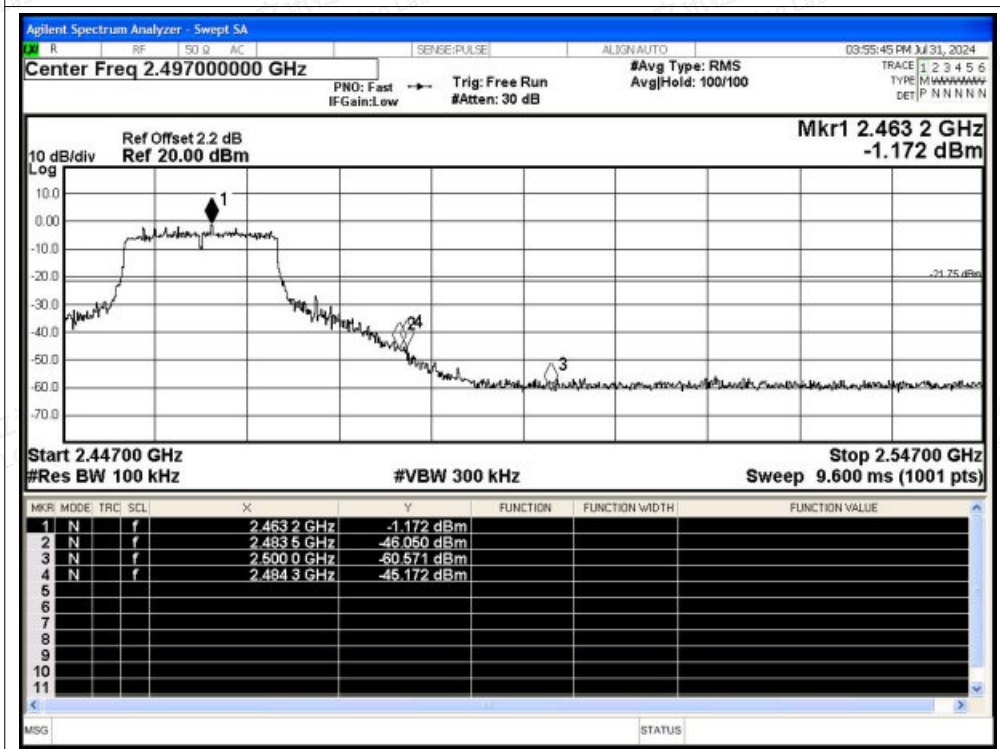
Band Edge NVNT g 2412MHz Ant1 Emission



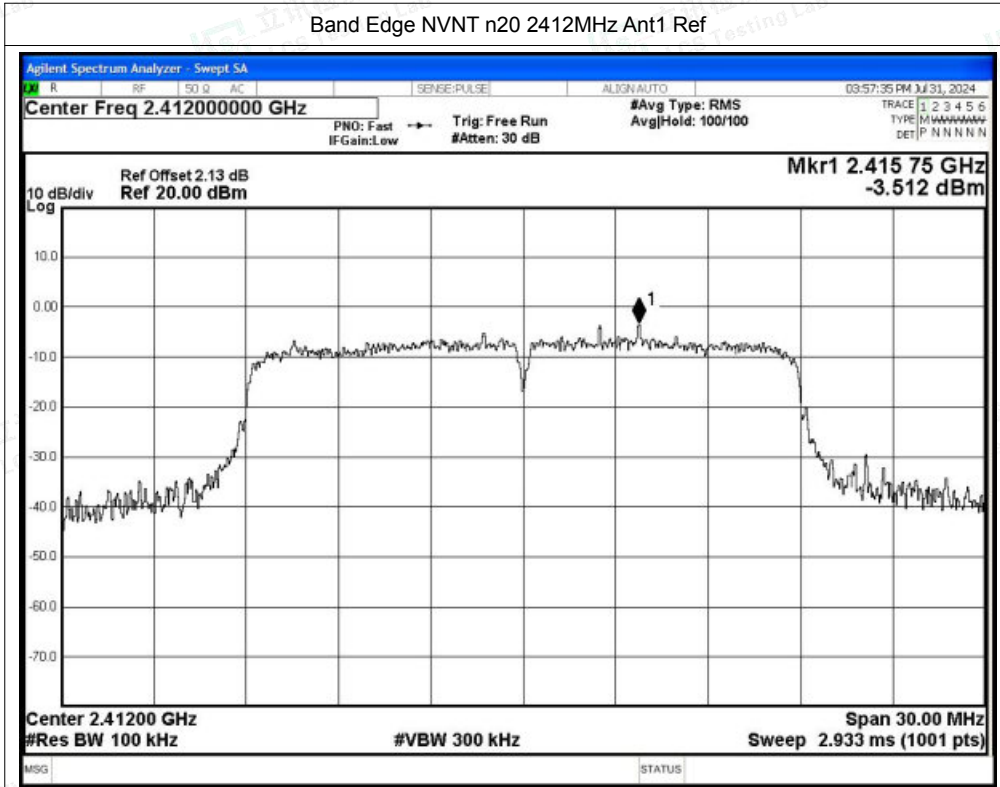
Band Edge NVNT g 2462MHz Ant1 Ref



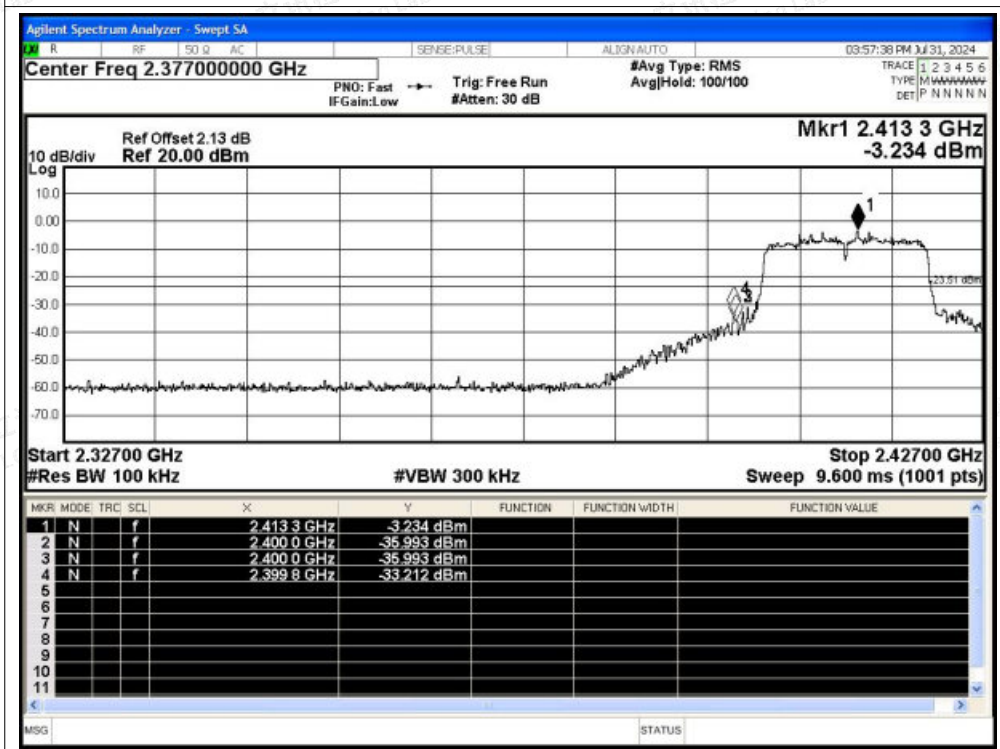
Band Edge NVNT g 2462MHz Ant1 Emission



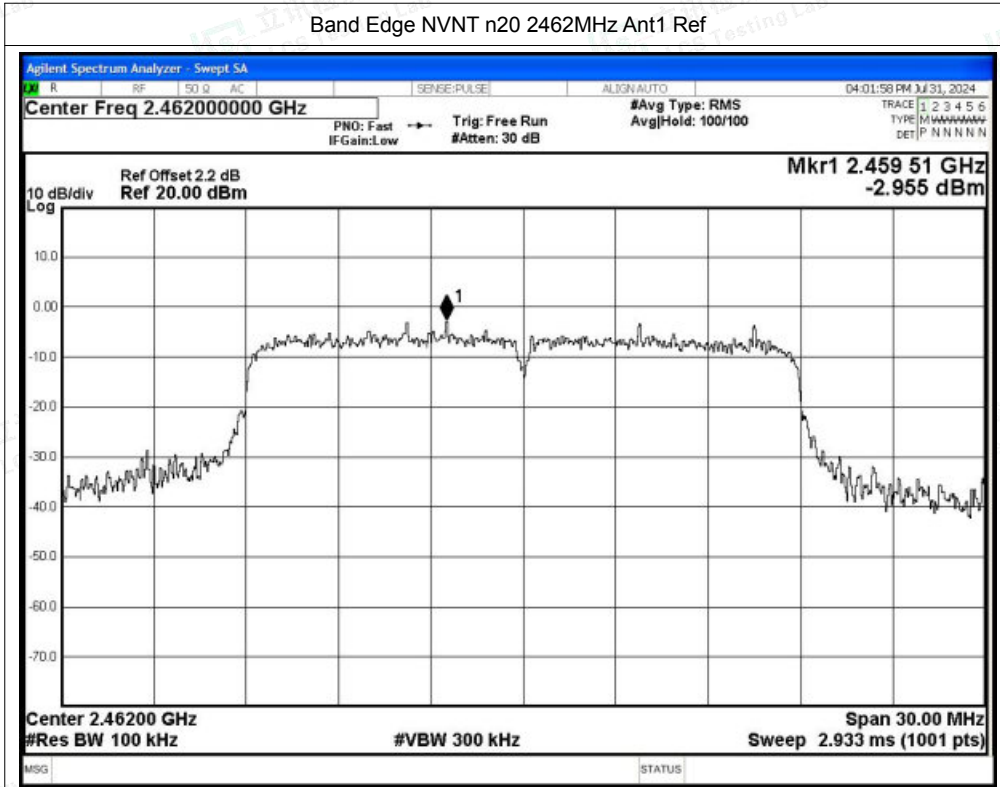
Band Edge NVNT n20 2412MHz Ant1 Ref



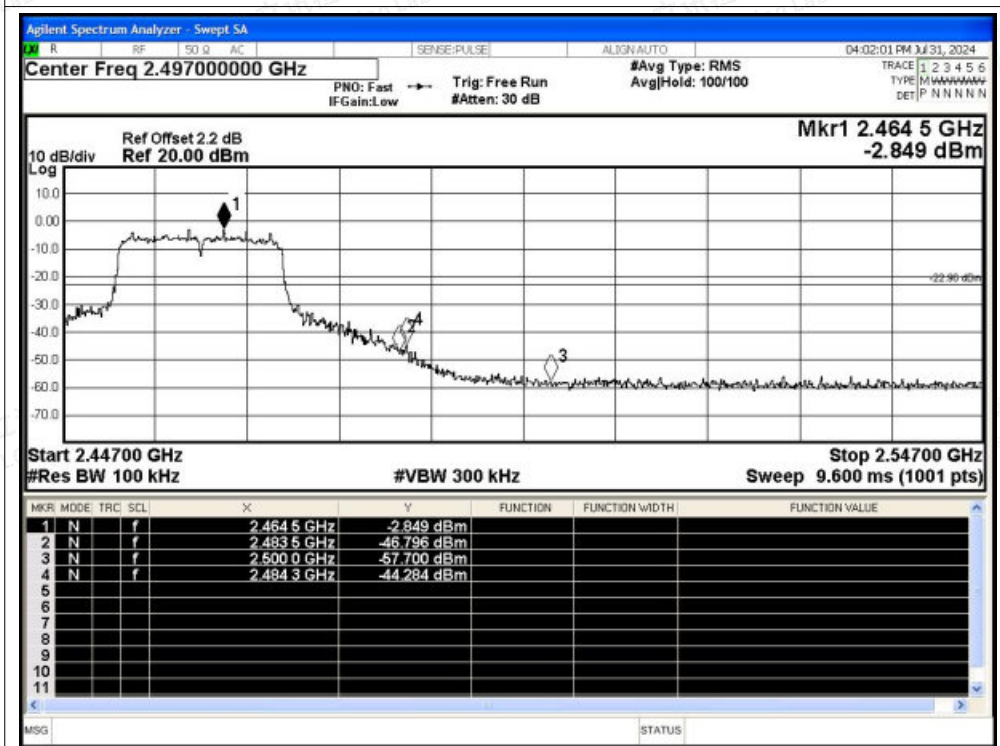
Band Edge NVNT n20 2412MHz Ant1 Emission



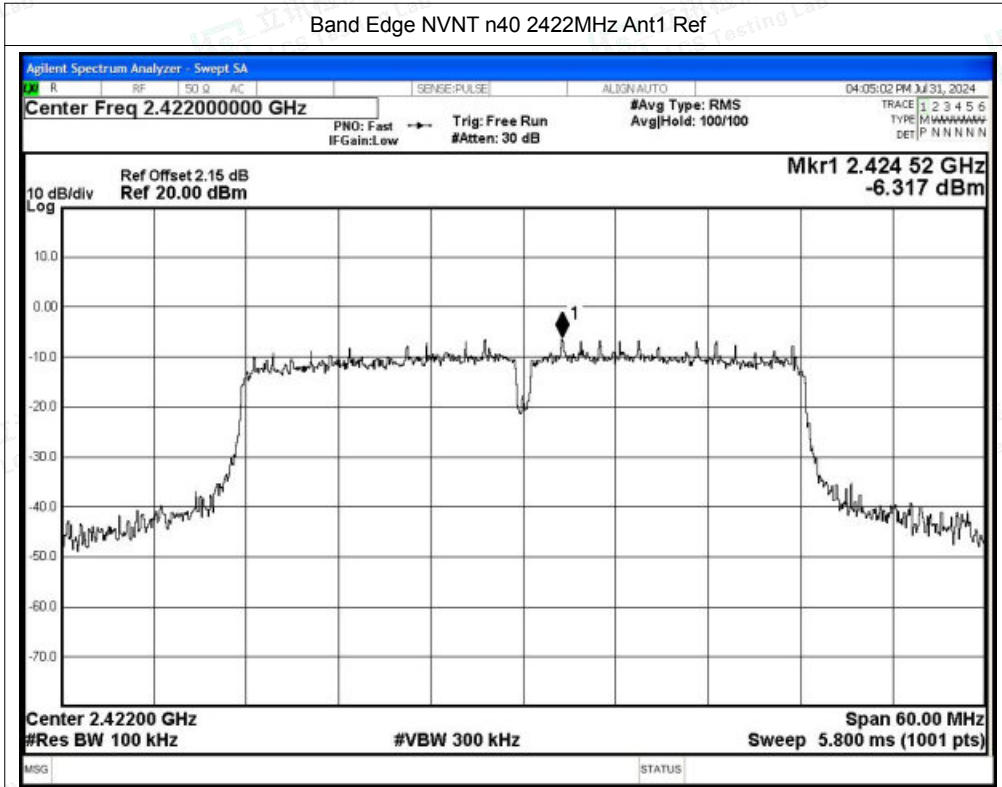
Band Edge NVNT n20 2462MHz Ant1 Ref



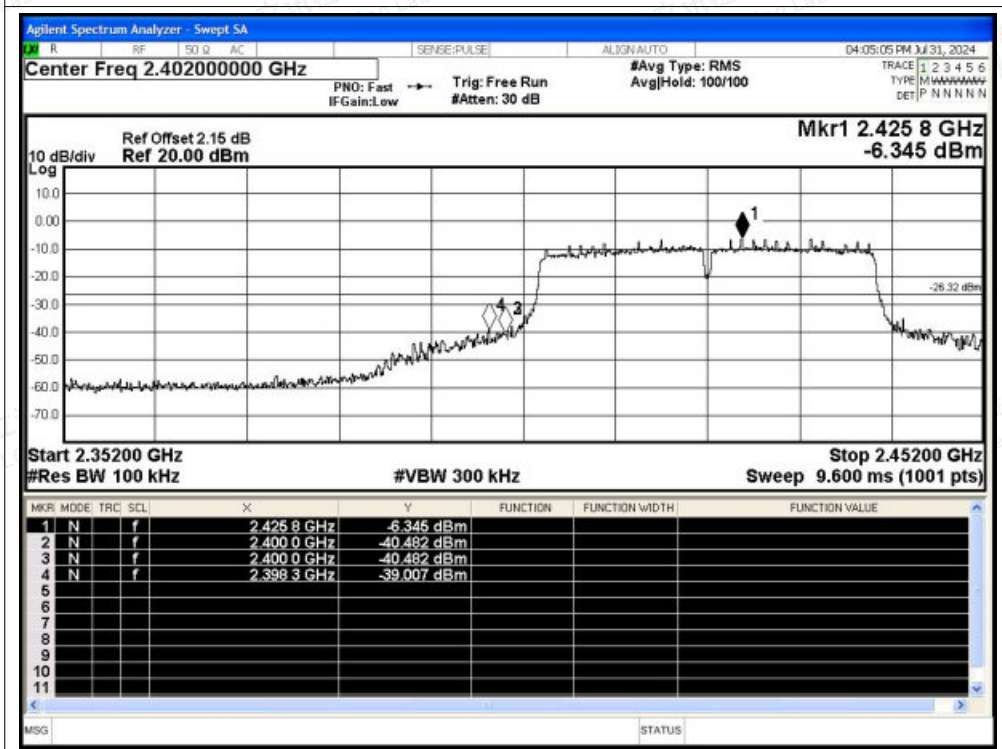
Band Edge NVNT n20 2462MHz Ant1 Emission



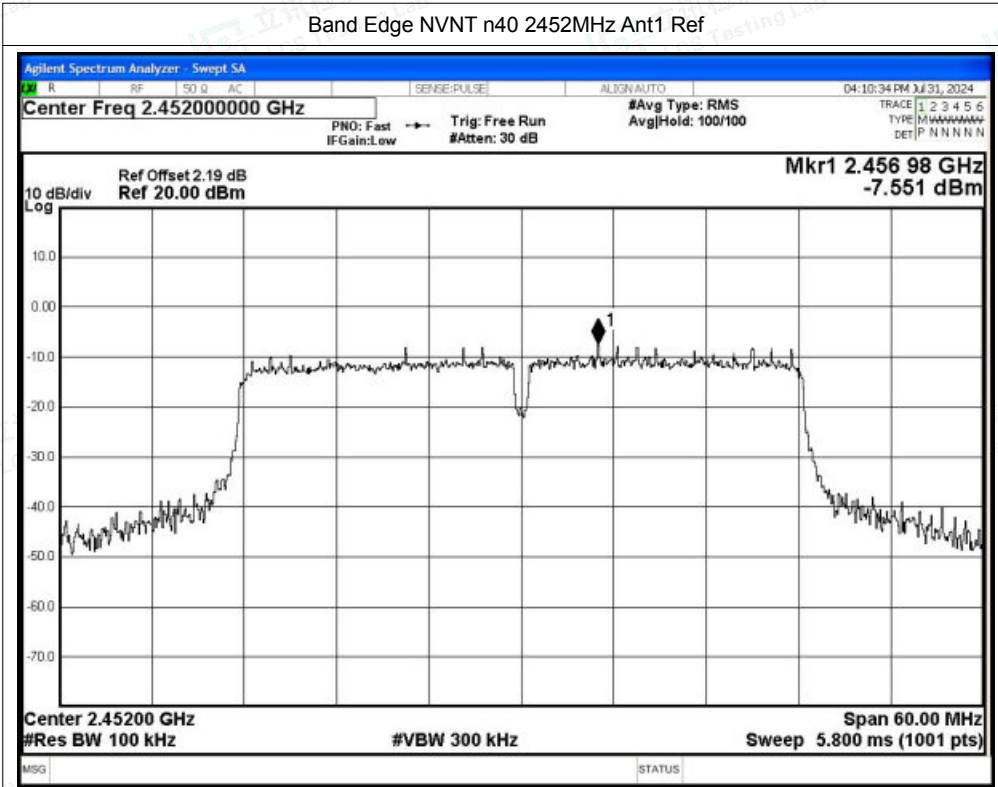
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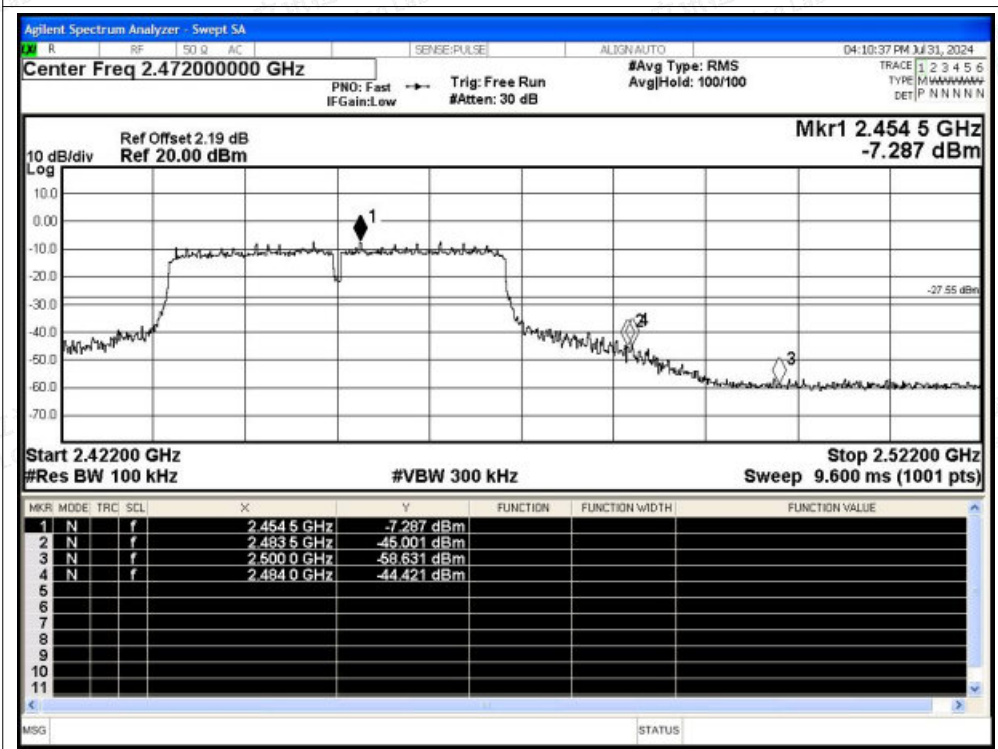
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref

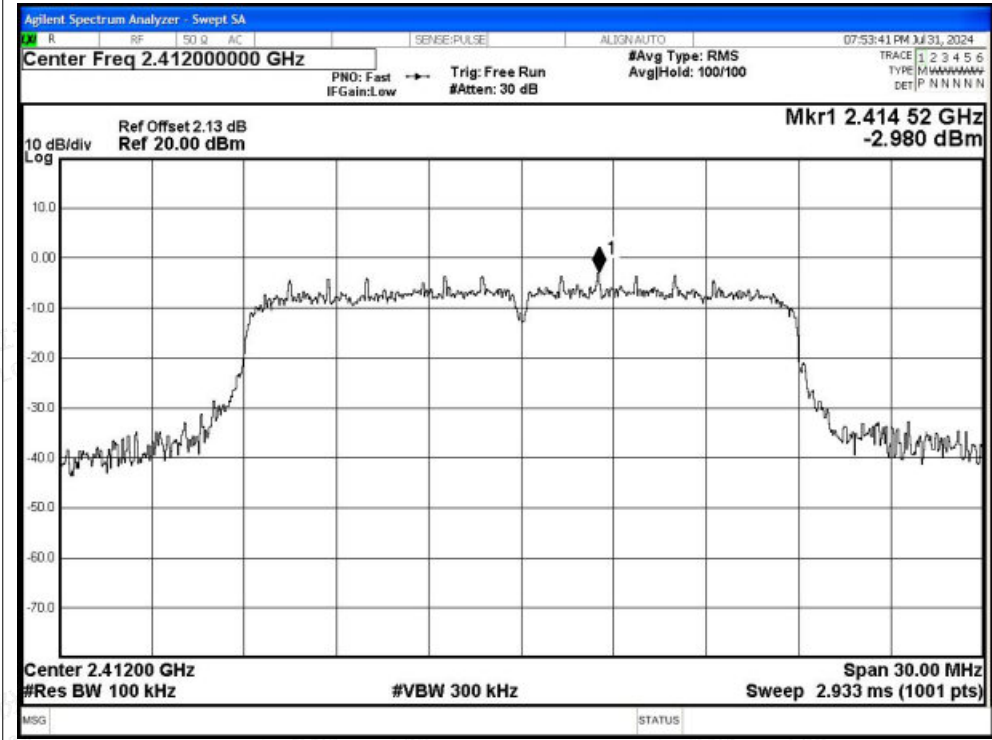


Band Edge NVNT n40 2452MHz Ant1 Emission

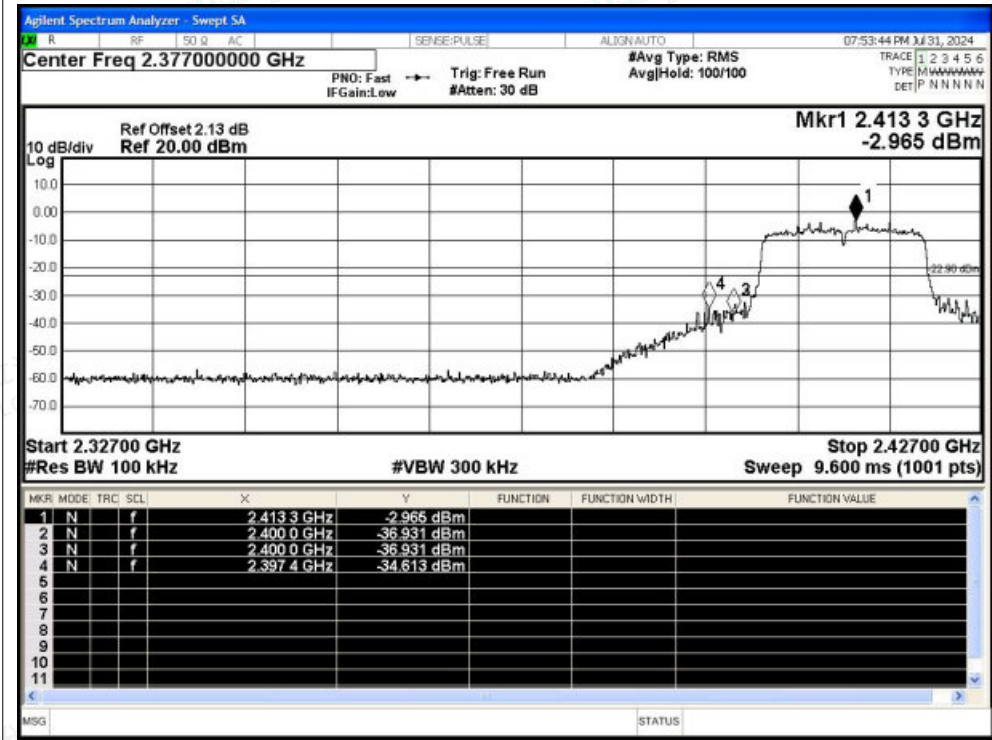


Test Graphs

Band Edge NVNT ax20 2412MHz Ant1 Ref

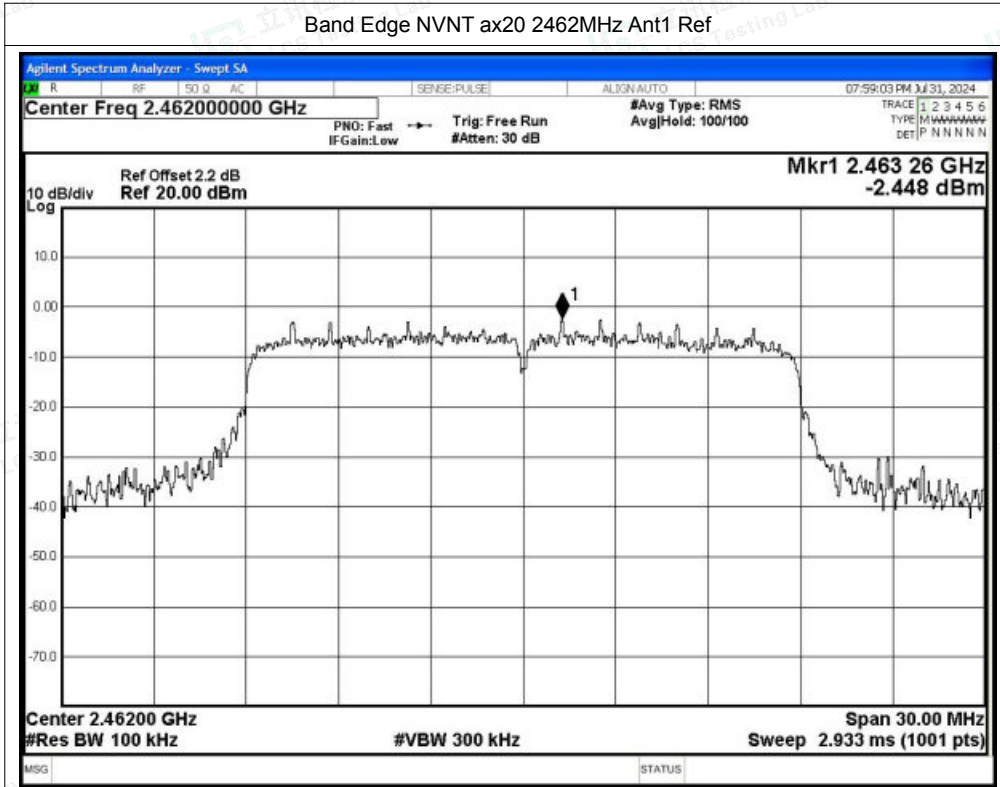


Band Edge NVNT ax20 2412MHz Ant1 Emission

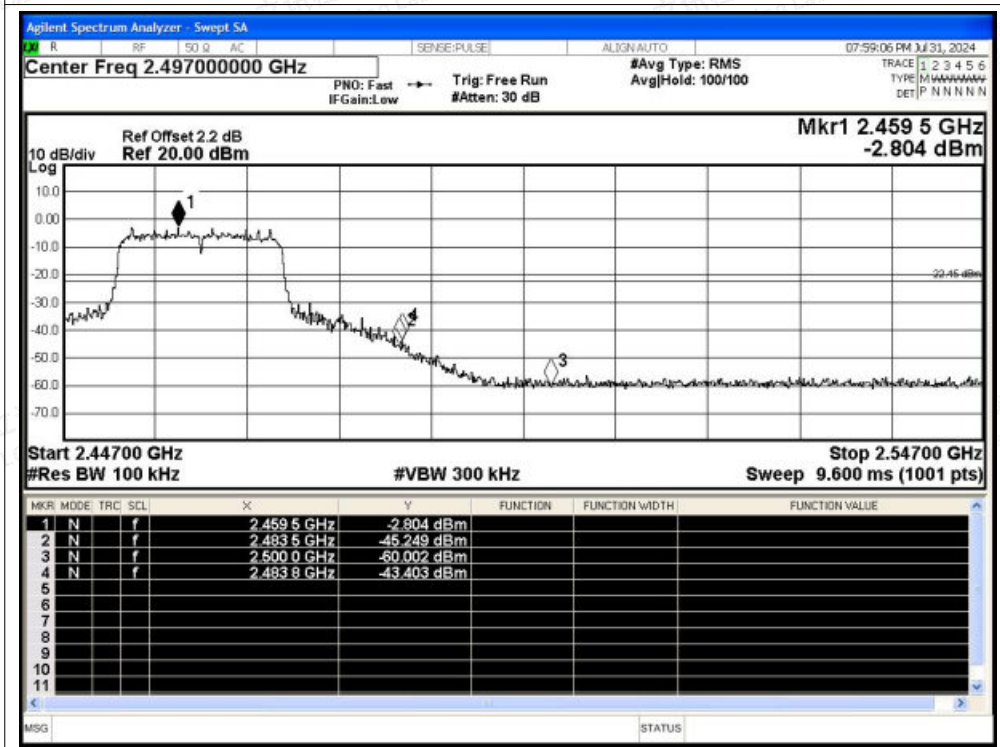


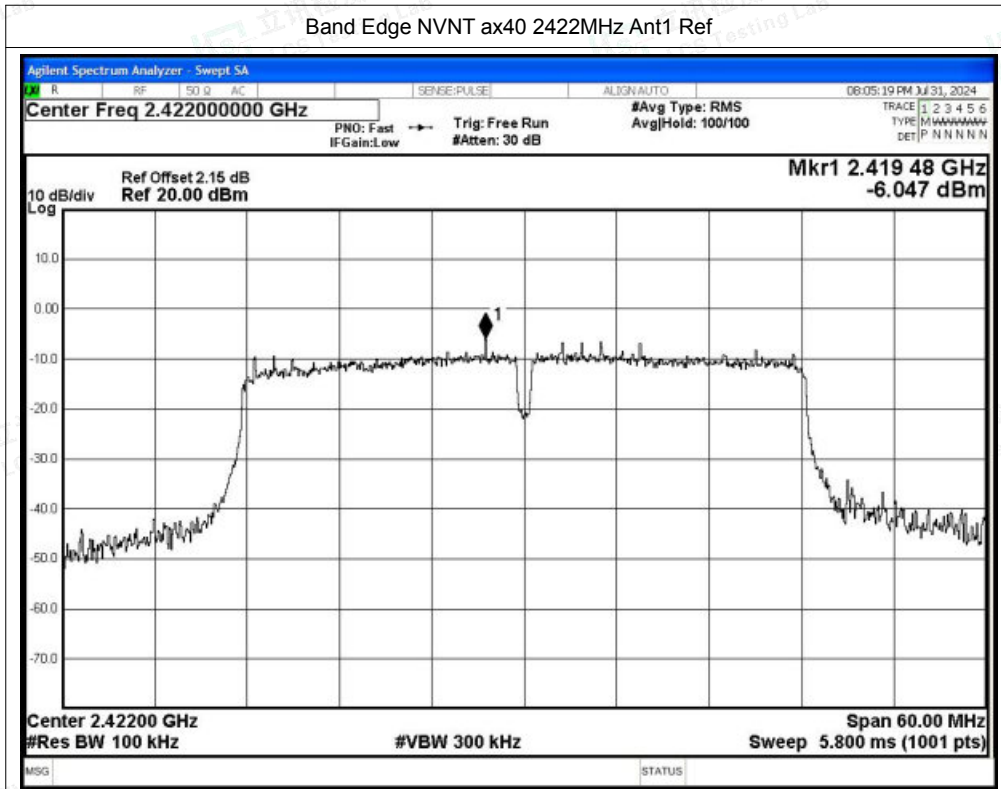


Band Edge NVNT ax20 2462MHz Ant1 Ref

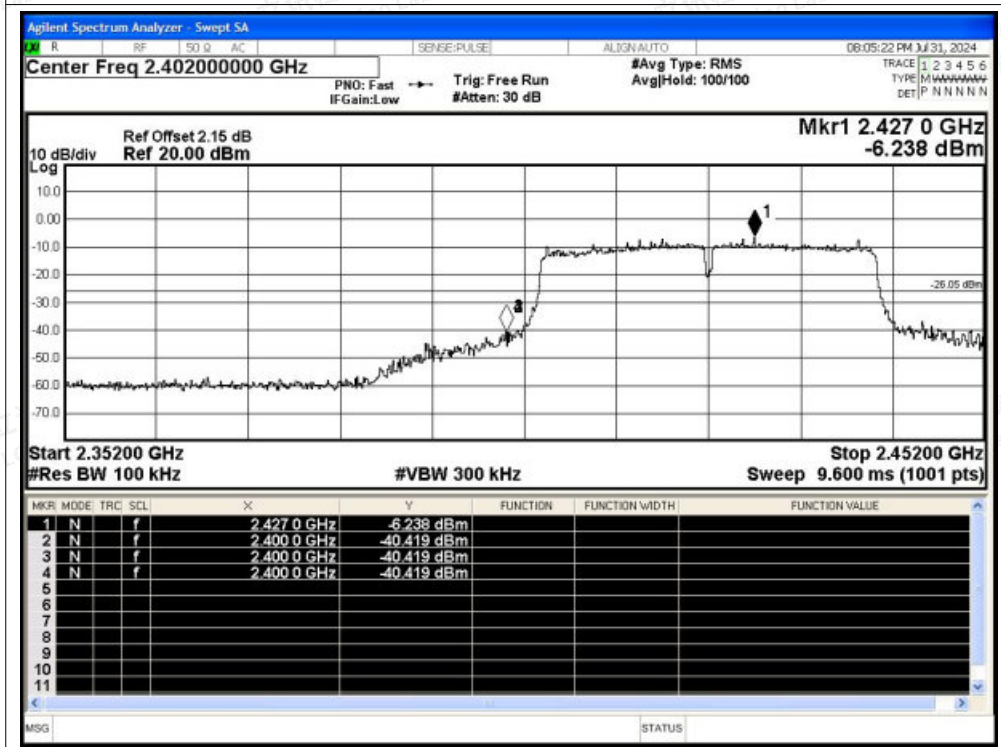


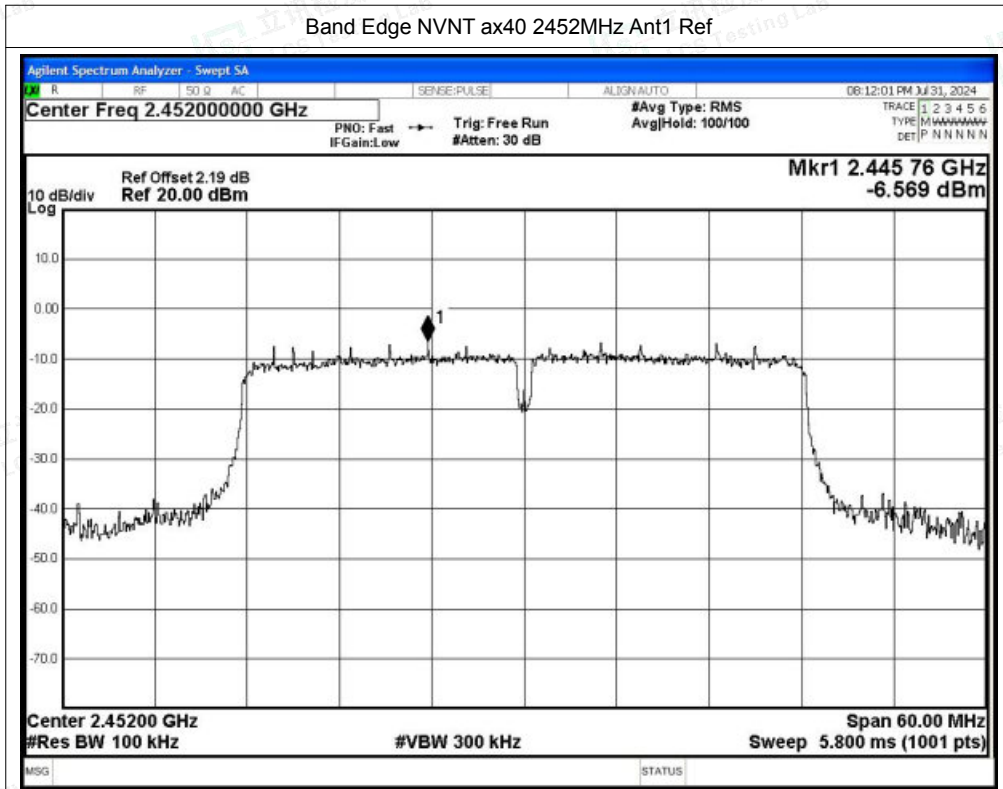
Band Edge NVNT ax20 2462MHz Ant1 Emission



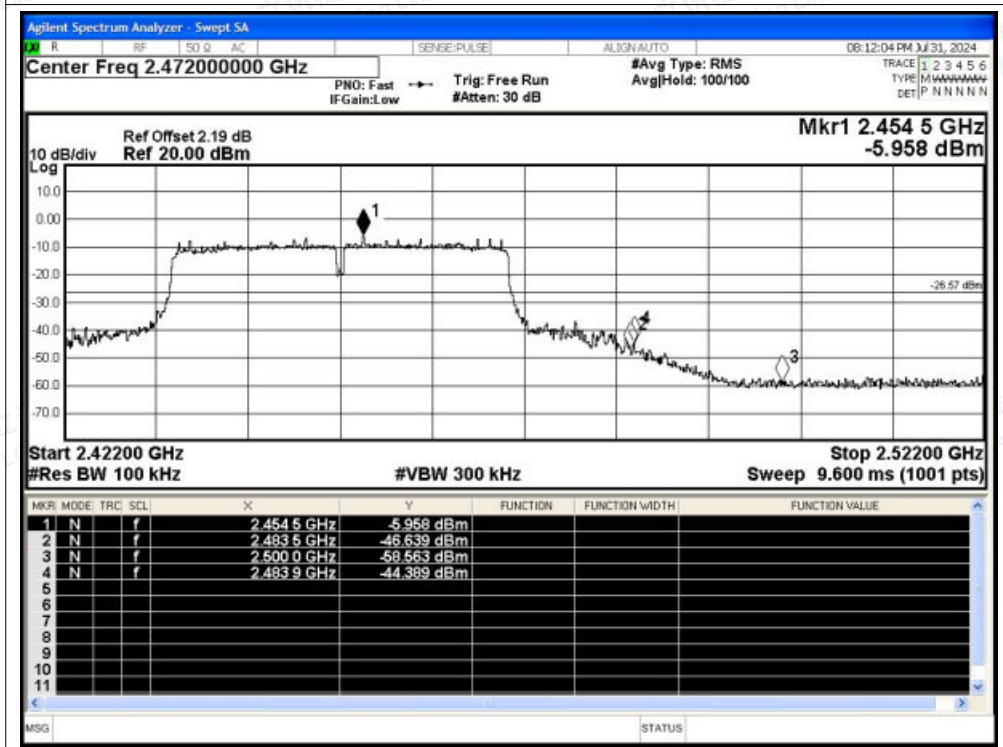


Band Edge NVNT ax40 2422MHz Ant1 Emission





Band Edge NVNT ax40 2452MHz Ant1 Emission



## C.5 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.82	-20	Pass
NVNT	b	2437	Ant1	-50.5	-20	Pass
NVNT	b	2462	Ant1	-52.09	-20	Pass
NVNT	g	2412	Ant1	-44.59	-20	Pass
NVNT	g	2437	Ant1	-43.14	-20	Pass
NVNT	g	2462	Ant1	-45.36	-20	Pass
NVNT	n20	2412	Ant1	-43.56	-20	Pass
NVNT	n20	2437	Ant1	-42.37	-20	Pass
NVNT	n20	2462	Ant1	-43.35	-20	Pass
NVNT	n40	2422	Ant1	-39.11	-20	Pass
NVNT	n40	2437	Ant1	-39.05	-20	Pass
NVNT	n40	2452	Ant1	-37.75	-20	Pass
NVNT	ax20	2412	Ant1	-43.03	-20	Pass
NVNT	ax20	2437	Ant1	-42.17	-20	Pass
NVNT	ax20	2462	Ant1	-42.69	-20	Pass
NVNT	ax40	2422	Ant1	-39.57	-20	Pass
NVNT	ax40	2437	Ant1	-39.29	-20	Pass
NVNT	ax40	2452	Ant1	-38.94	-20	Pass

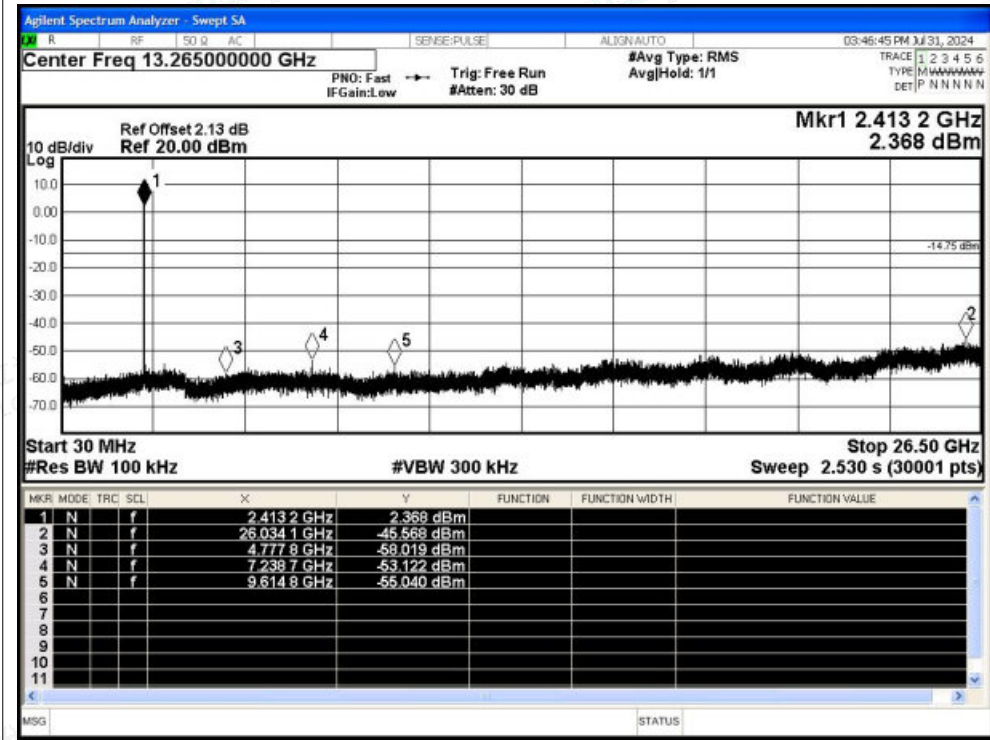


Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



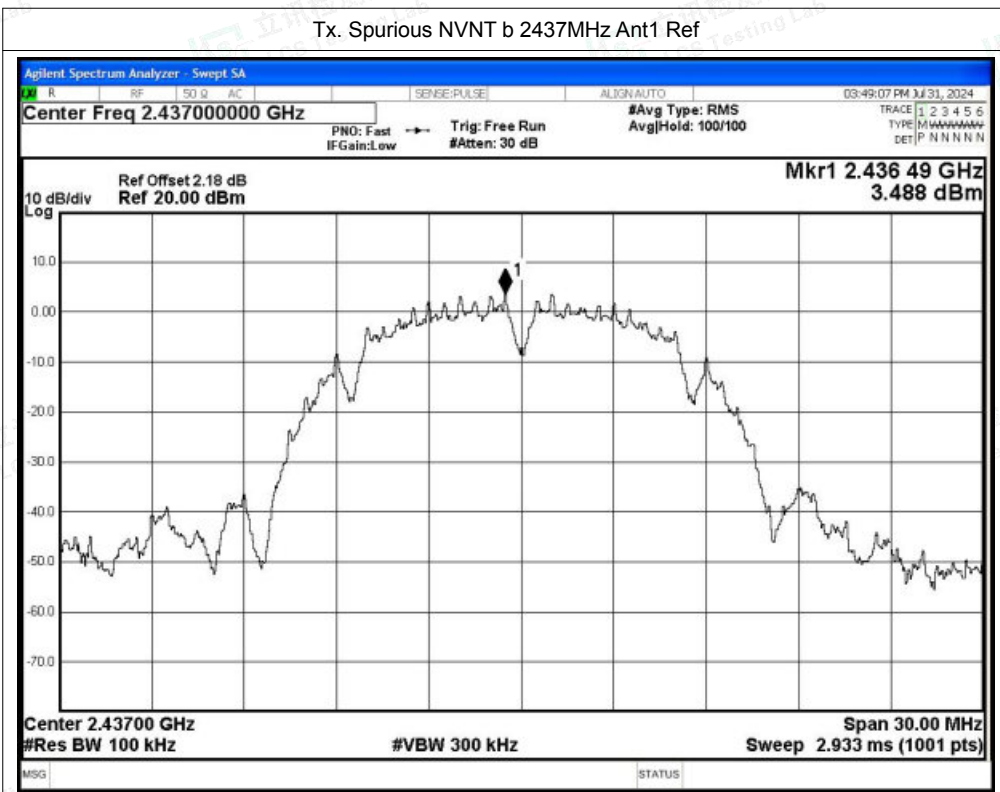
Tx. Spurious NVNT b 2412MHz Ant1 Emission



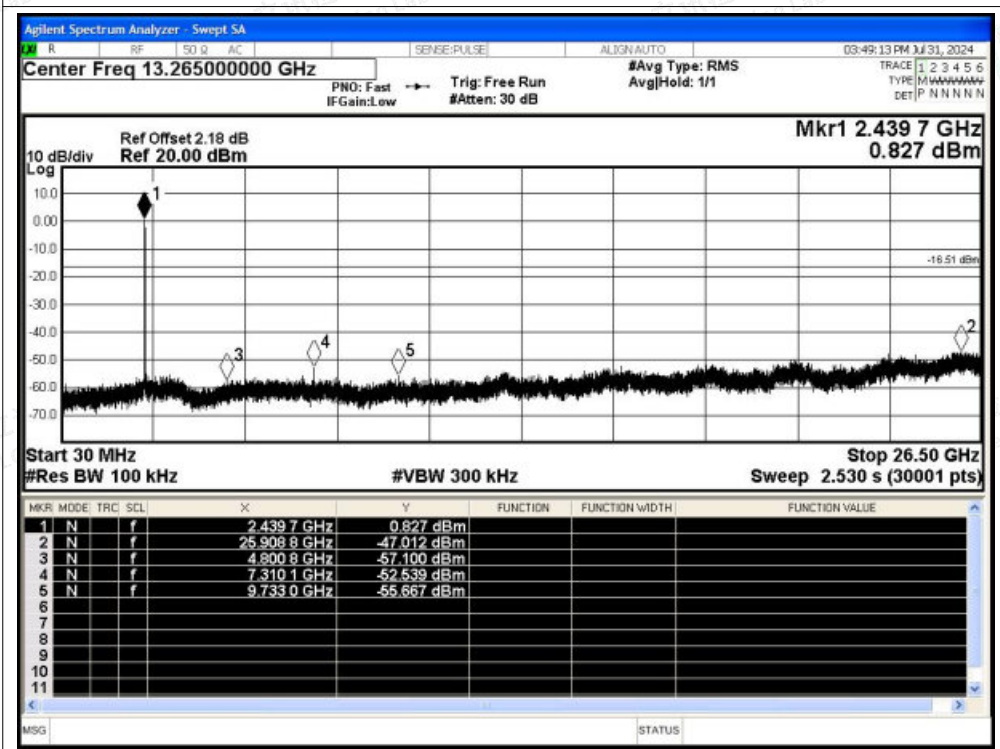


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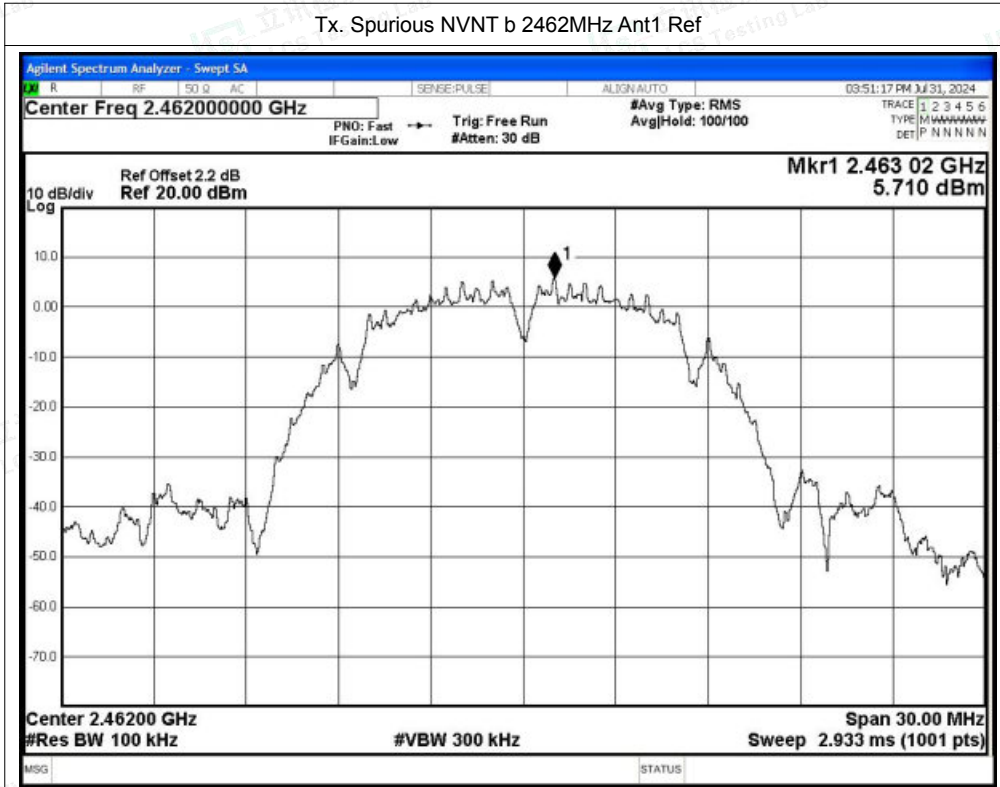
Tx. Spurious NVNT b 2437MHz Ant1 Ref



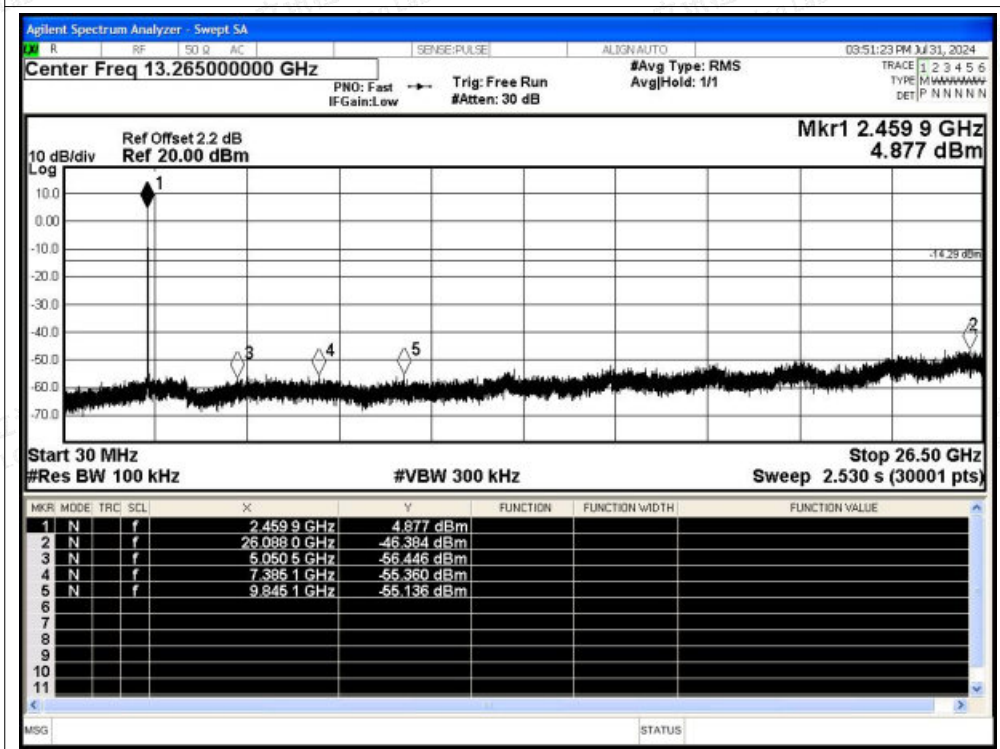
Tx. Spurious NVNT b 2437MHz Ant1 Emission



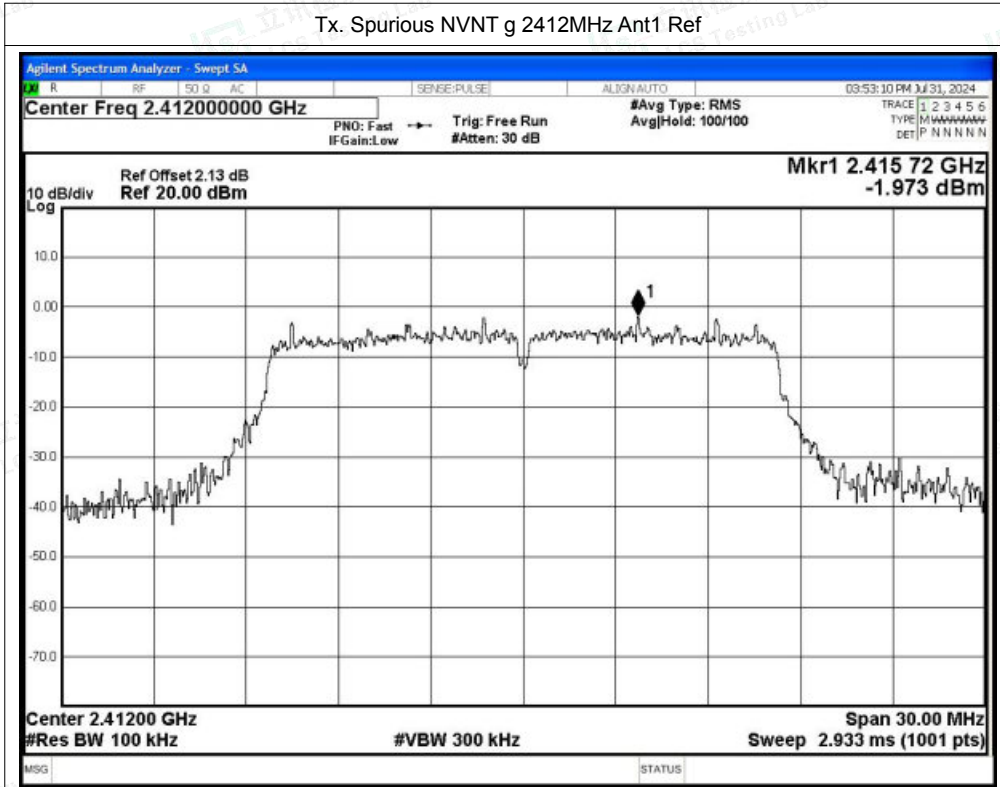
Tx. Spurious NVNT b 2462MHz Ant1 Ref



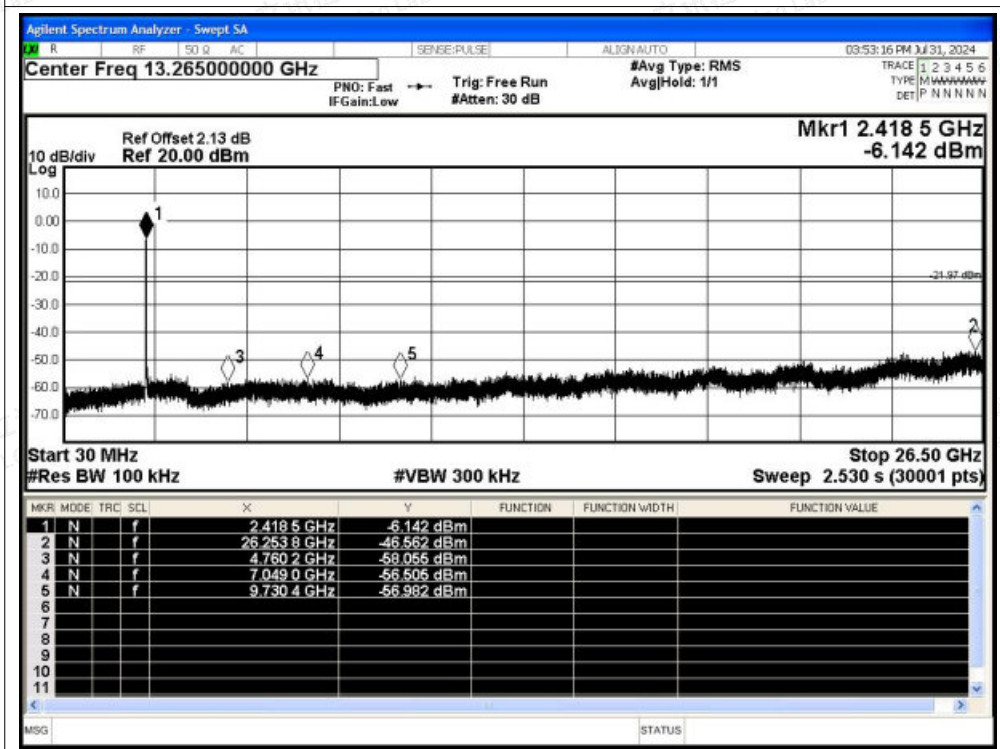
Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref

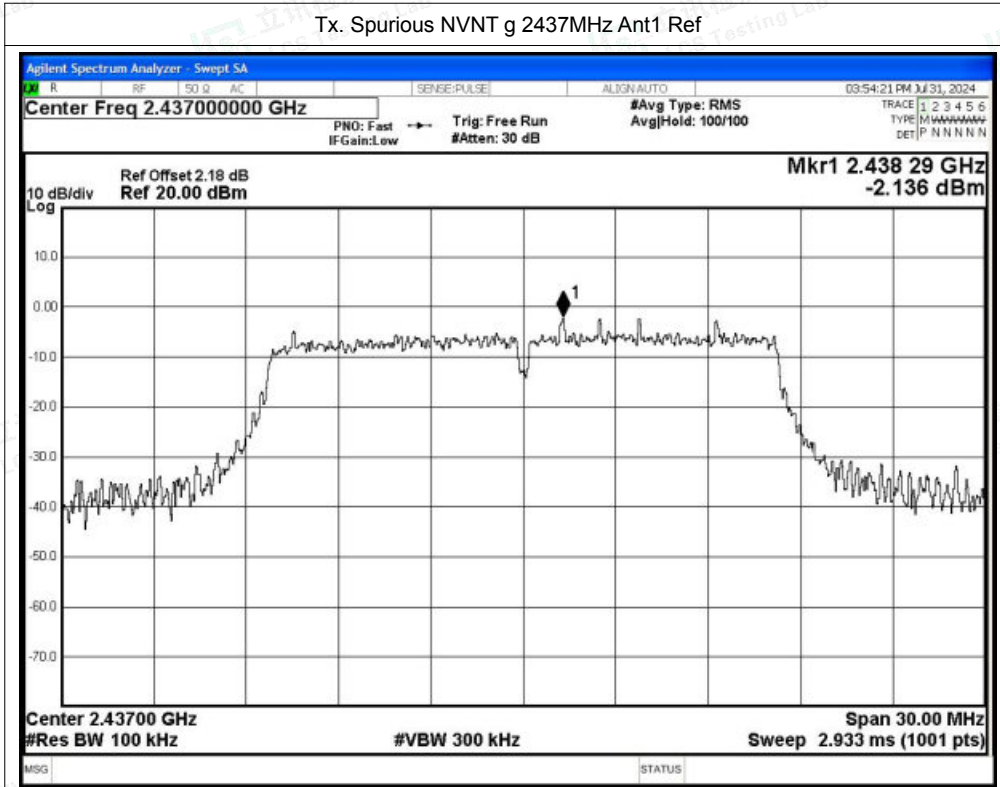


Tx. Spurious NVNT g 2412MHz Ant1 Emission

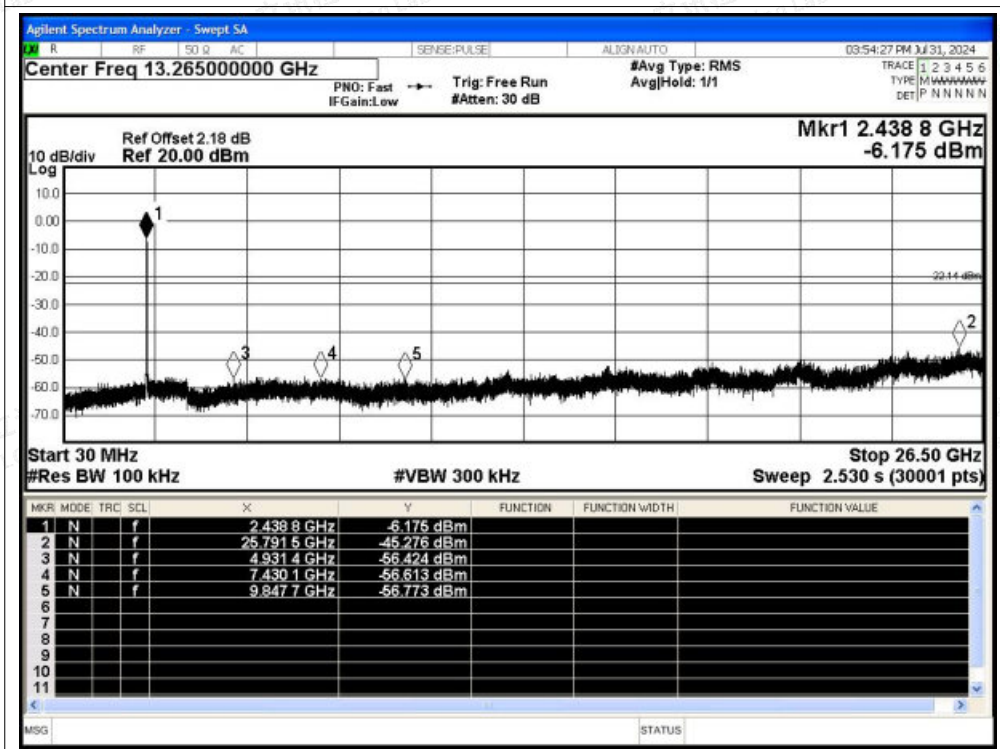




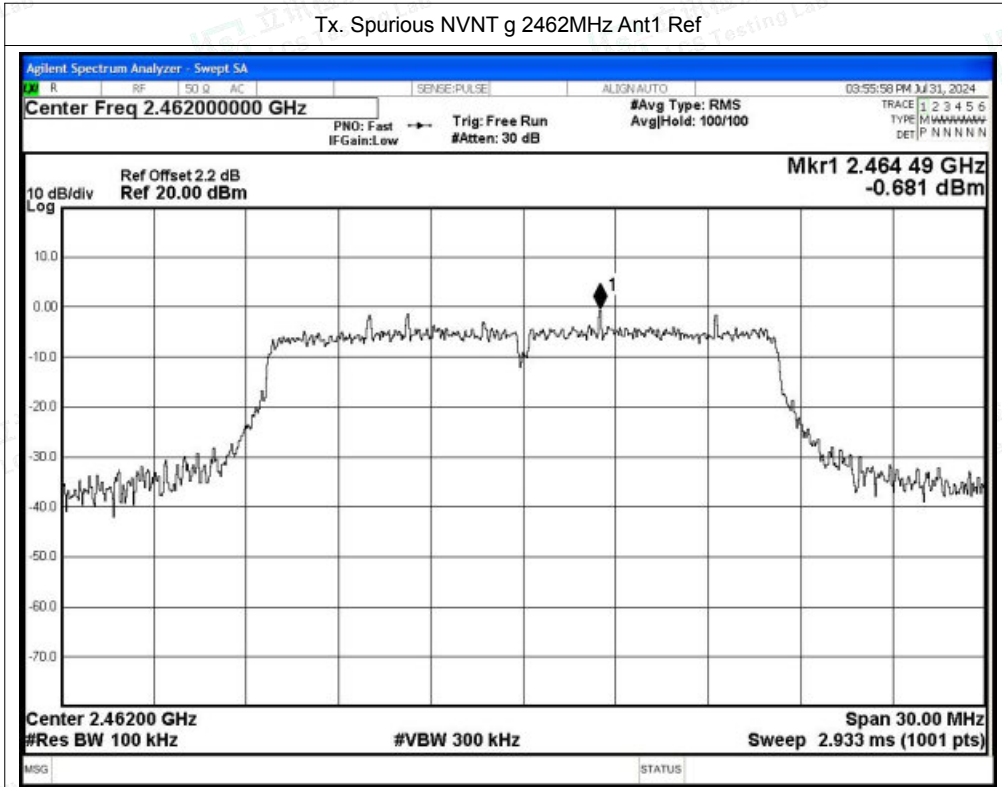
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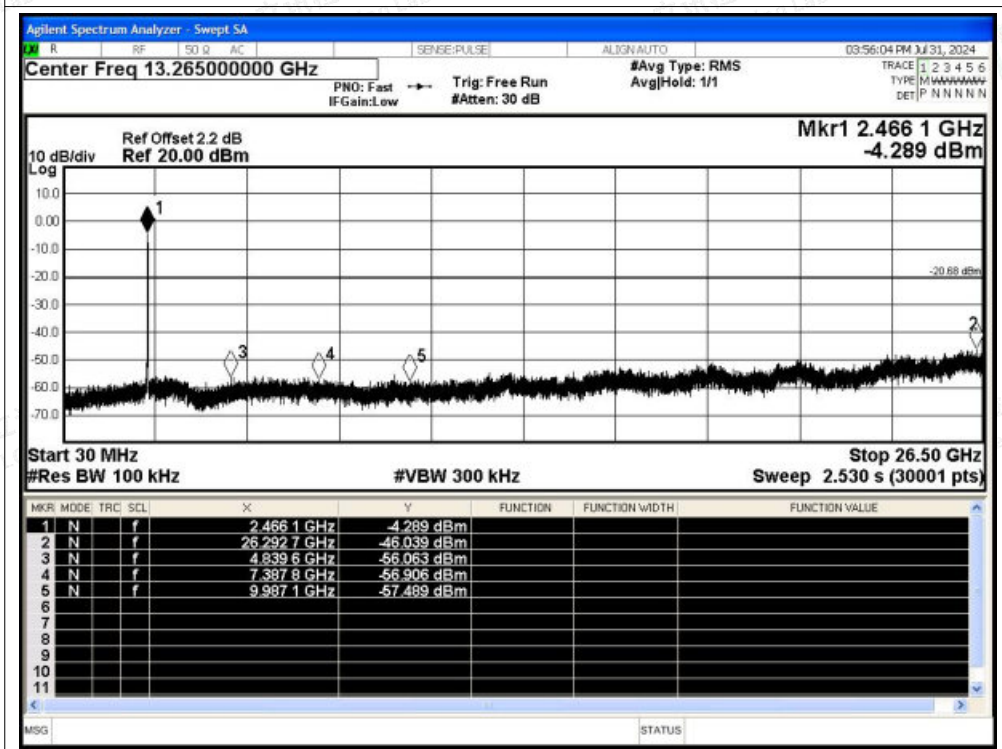
Tx. Spurious NVNT g 2437MHz Ant1 Emission



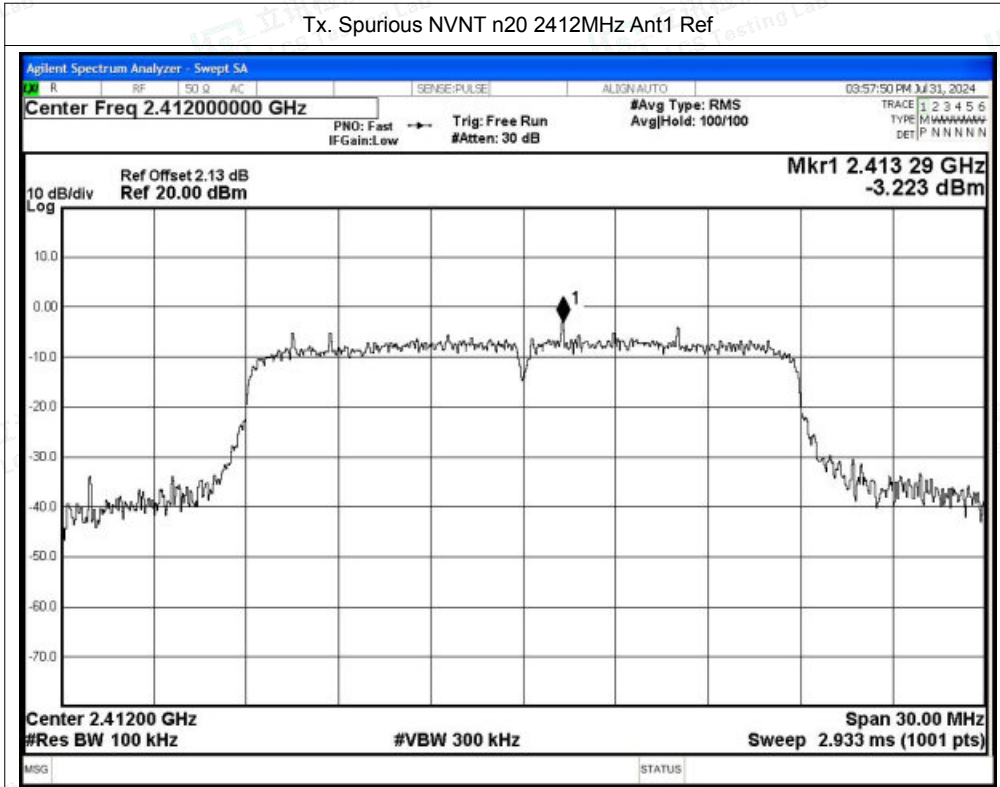
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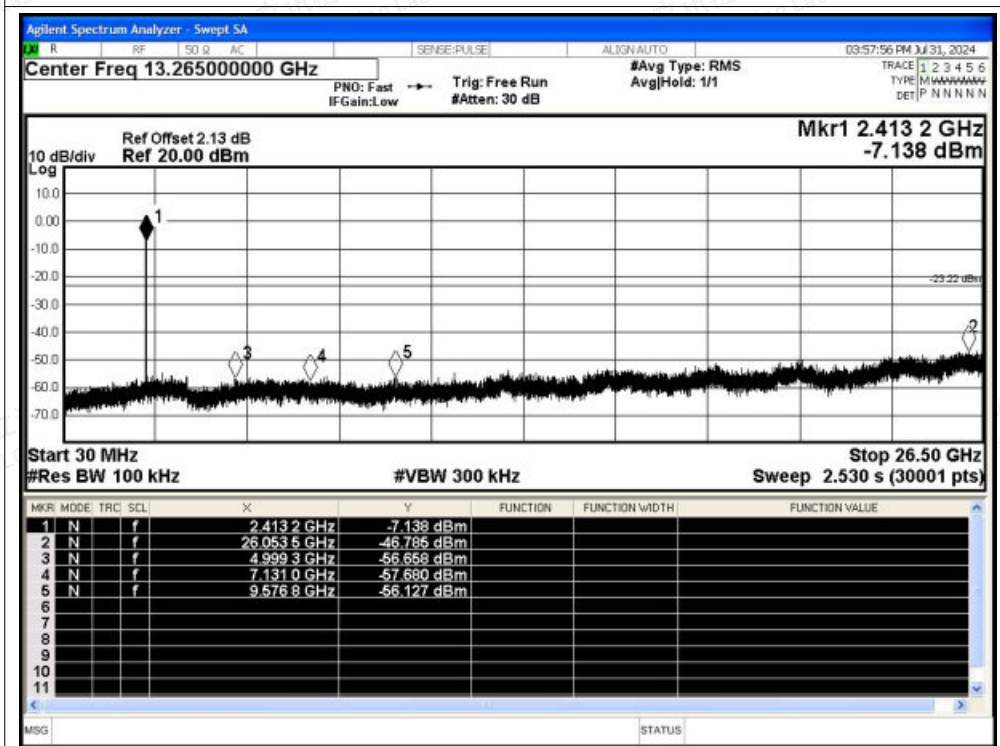
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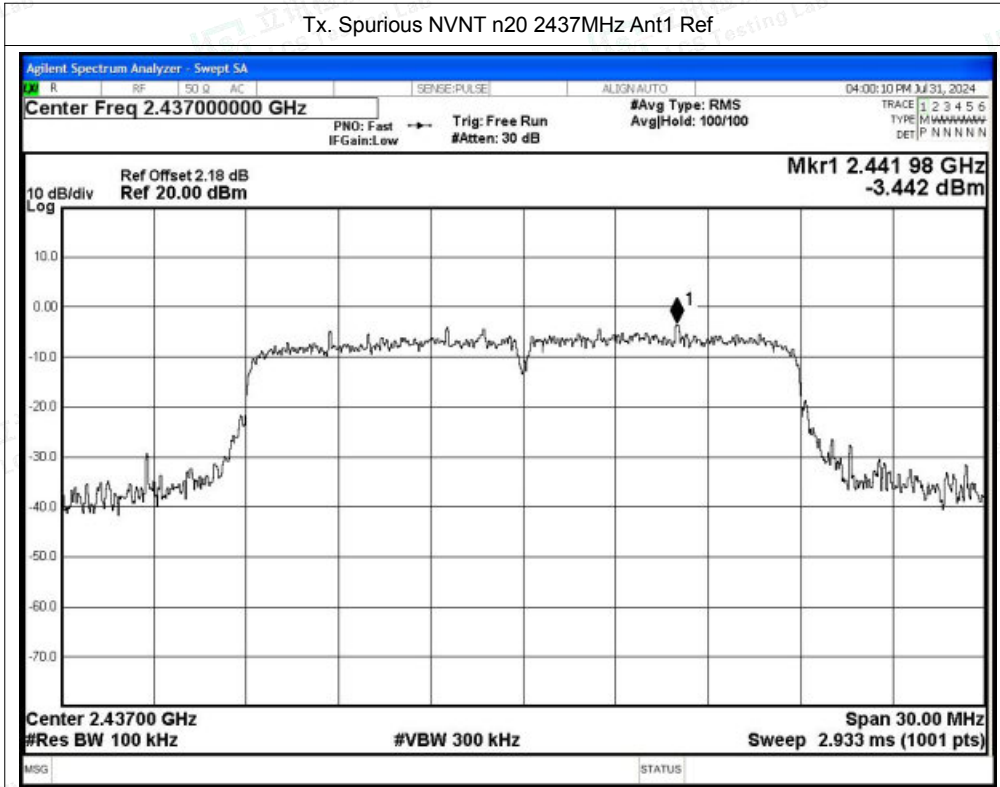
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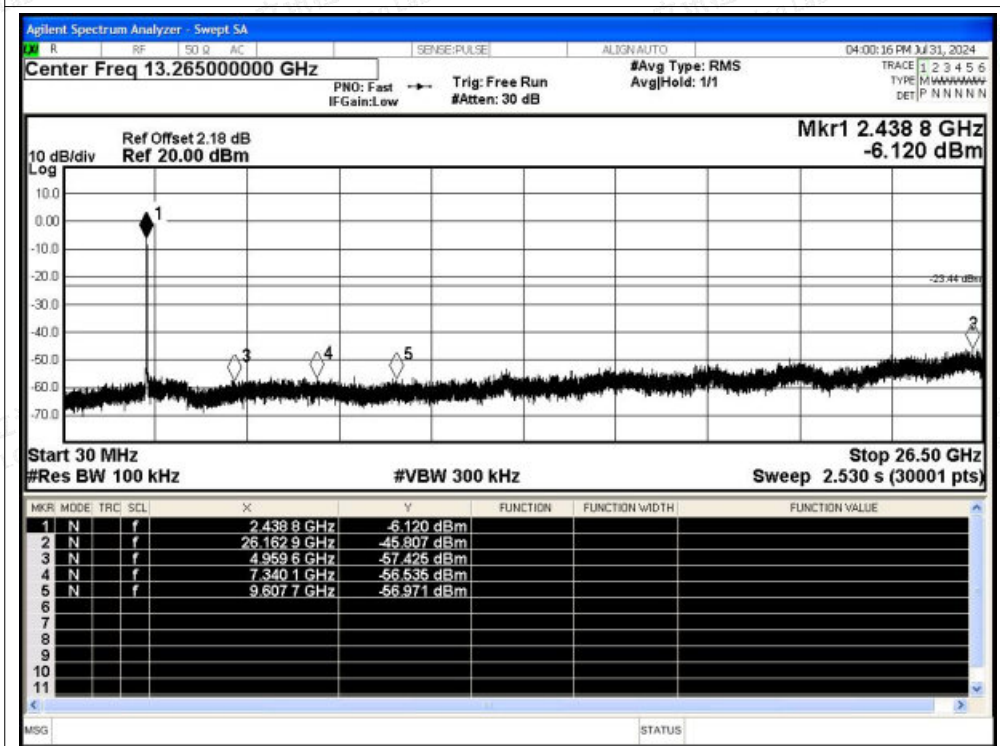
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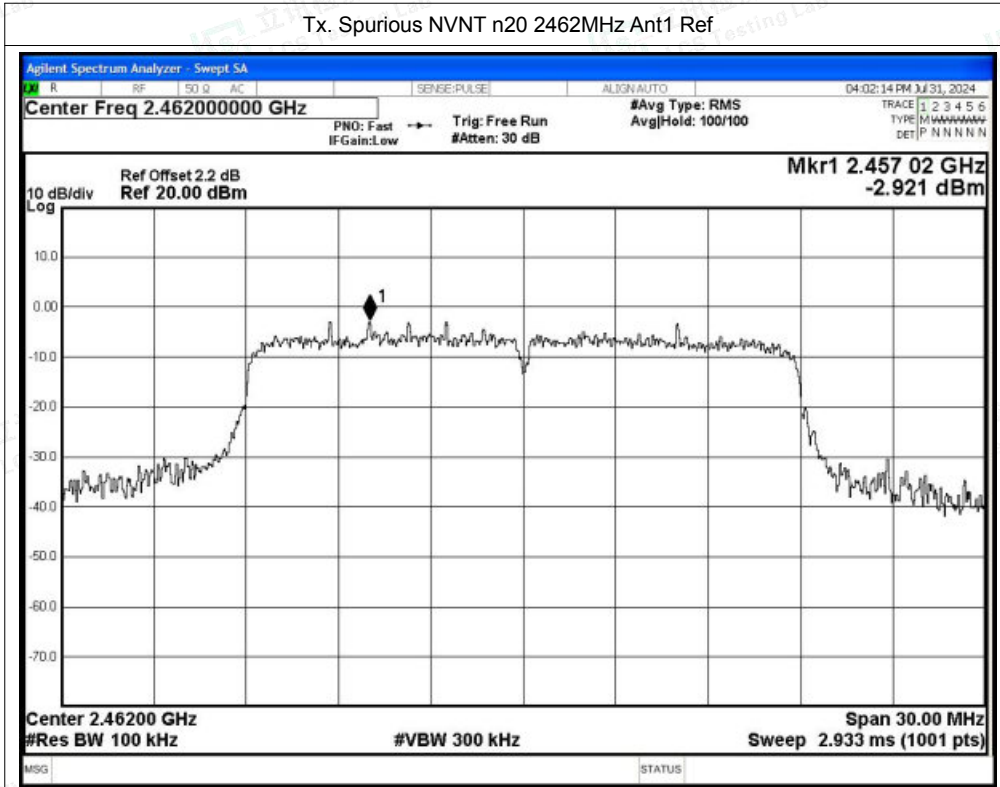
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission

