



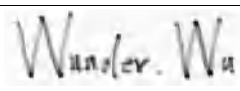
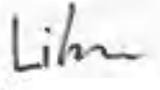
Appendix C

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Formuler Z10

Test Model: Z10

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Wunder Wu
Supervised by:	 Li Huan





C.1 -6dB Bandwidth

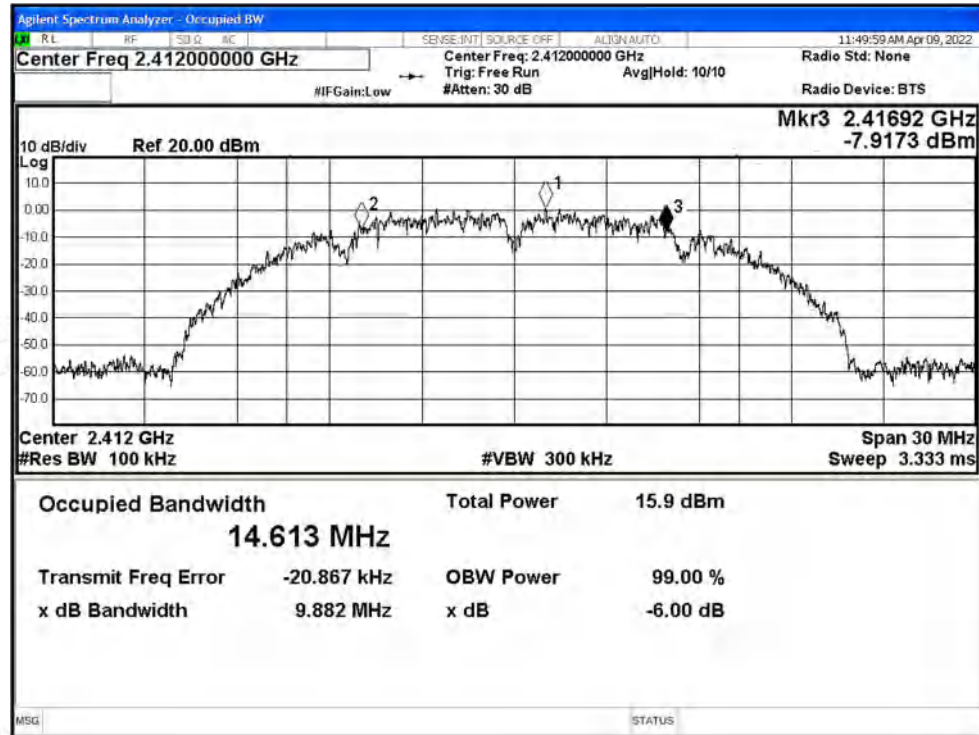
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant0	9.882	0.5	Pass
NVNT	b	2437	Ant0	10.028	0.5	Pass
NVNT	b	2462	Ant0	9.524	0.5	Pass
NVNT	g	2412	Ant0	15.354	0.5	Pass
NVNT	g	2437	Ant0	16.33	0.5	Pass
NVNT	g	2462	Ant0	14.745	0.5	Pass
NVNT	n20	2412	Ant0	17.587	0.5	Pass
NVNT	n20	2437	Ant0	17.521	0.5	Pass
NVNT	n20	2462	Ant0	17.605	0.5	Pass
NVNT	n40	2422	Ant0	36.043	0.5	Pass
NVNT	n40	2437	Ant0	32.279	0.5	Pass
NVNT	n40	2452	Ant0	30.146	0.5	Pass



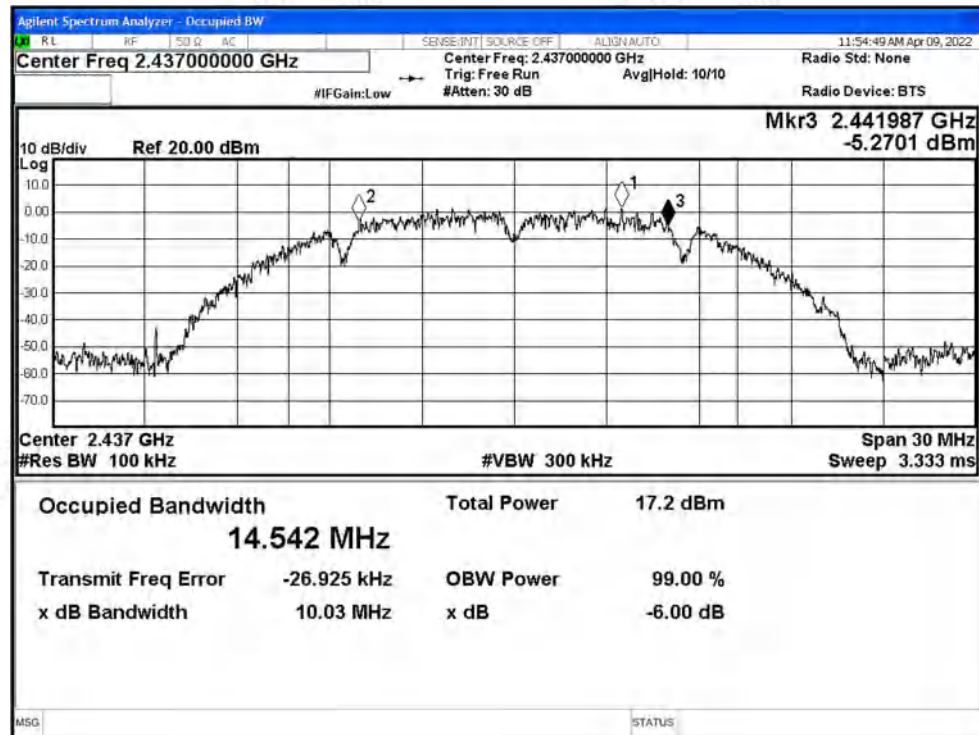


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant0

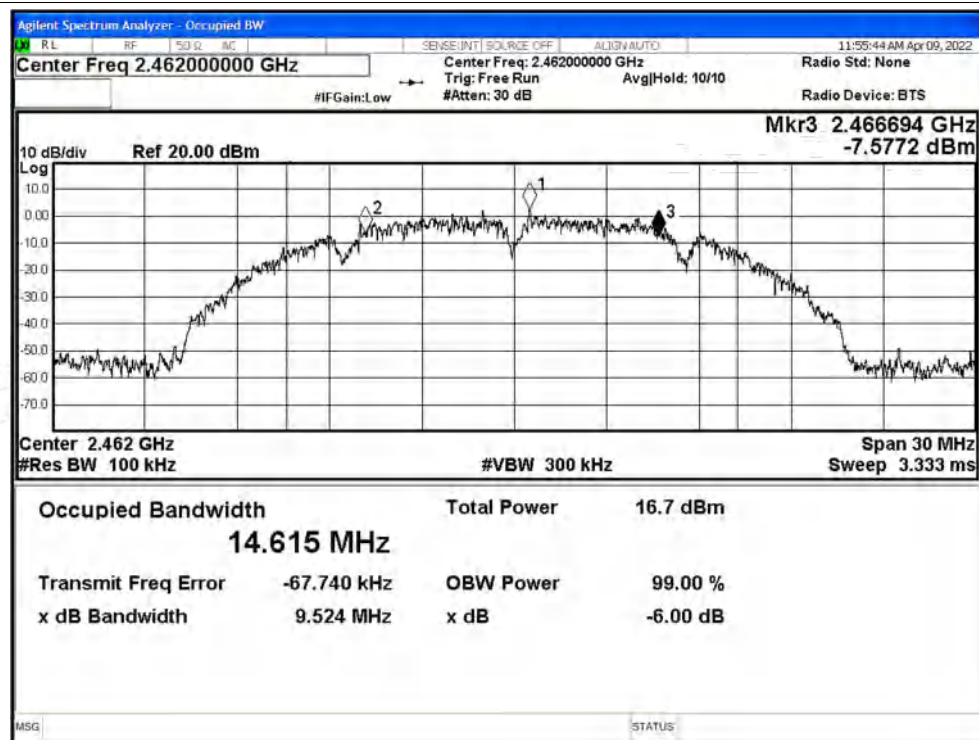


-6dB Bandwidth NVNT b 2437MHz Ant0

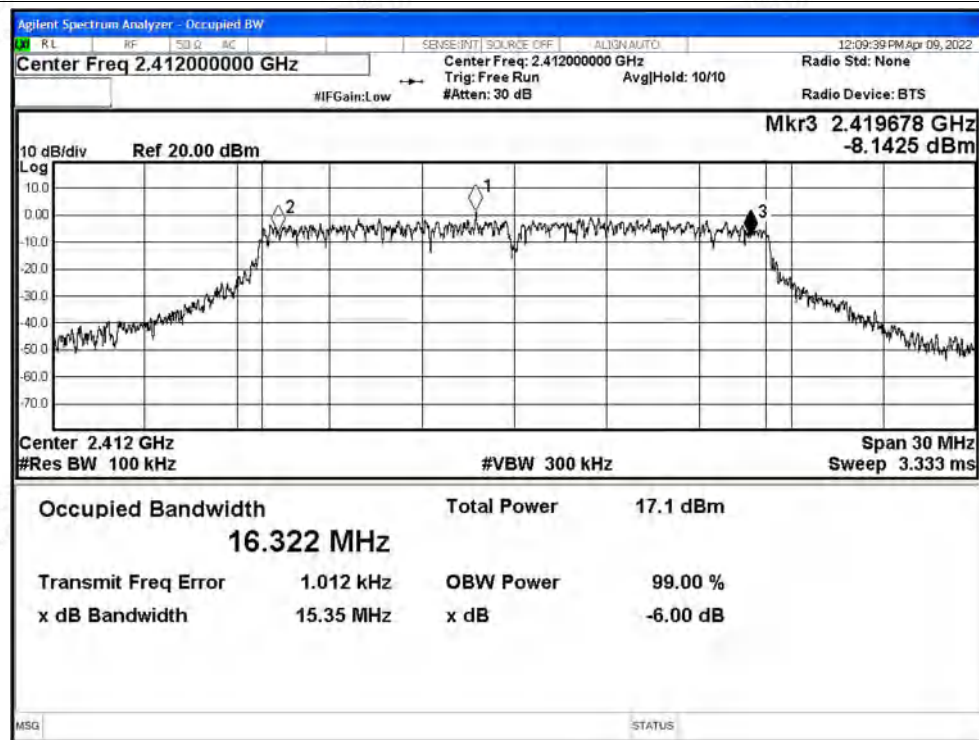




-6dB Bandwidth NVNT b 2462MHz Ant0

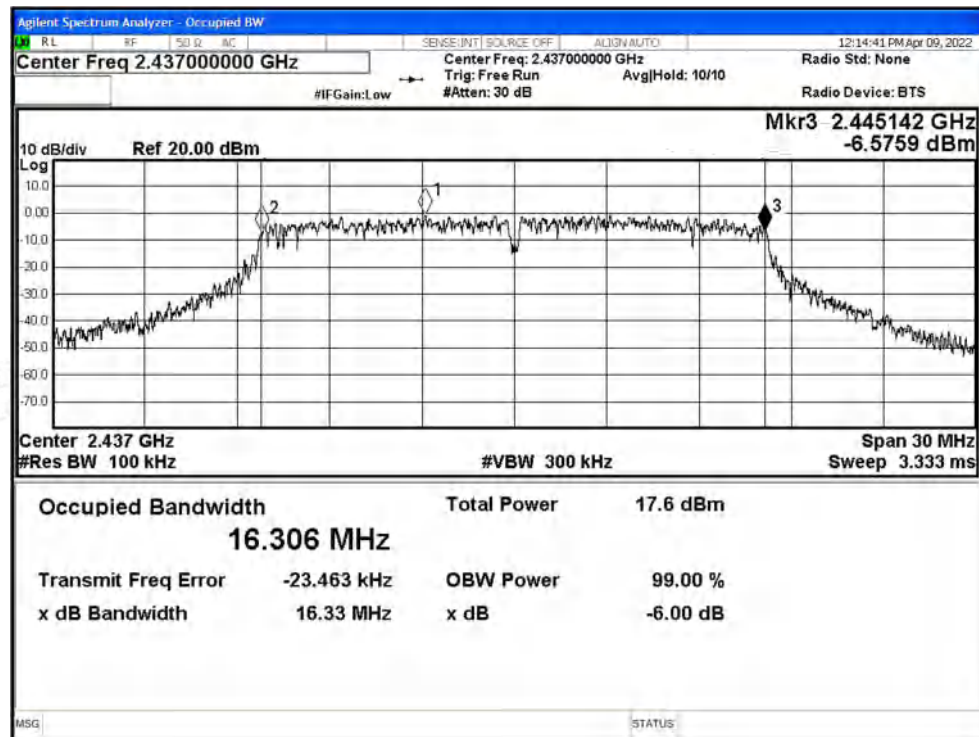


-6dB Bandwidth NVNT g 2412MHz Ant0

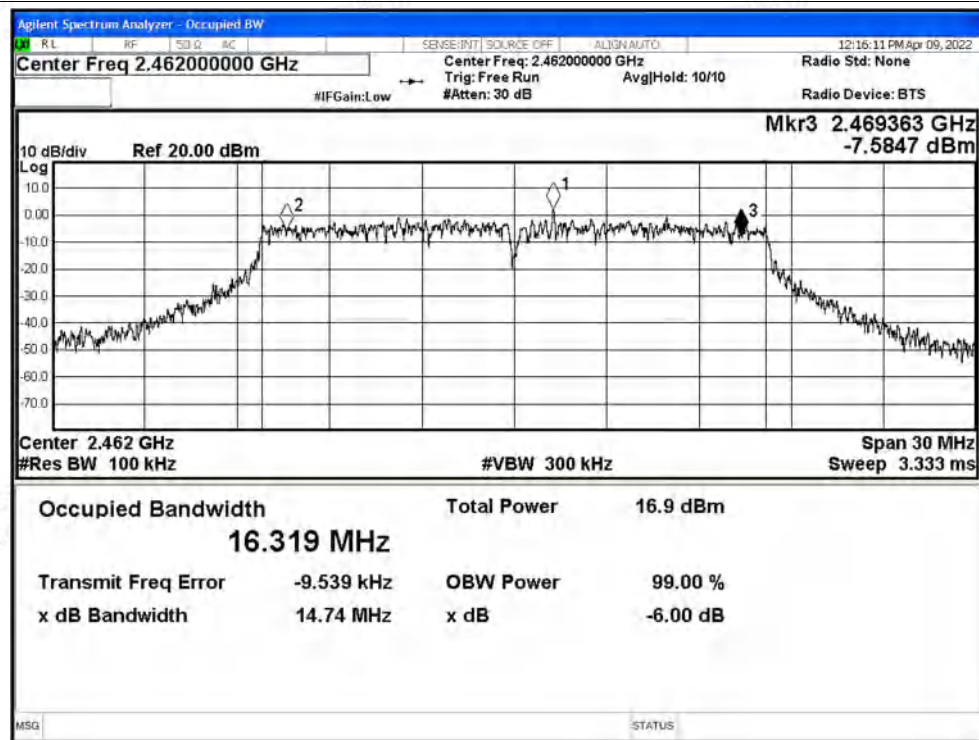




-6dB Bandwidth NVNT g 2437MHz Ant0

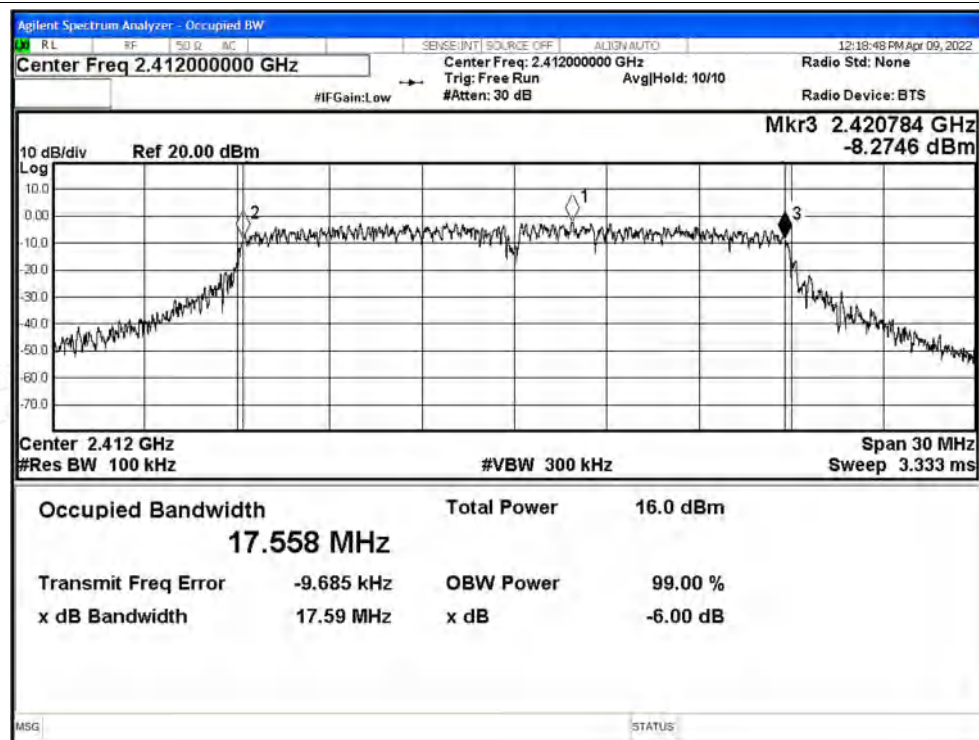


-6dB Bandwidth NVNT g 2462MHz Ant0

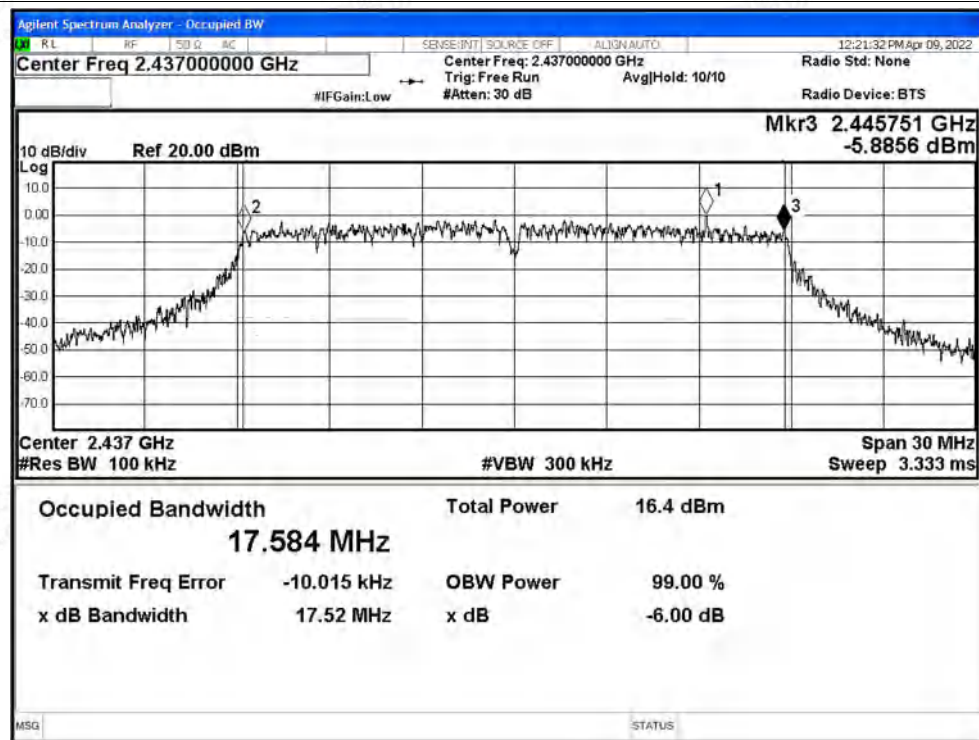




-6dB Bandwidth NVNT n20 2412MHz Ant0

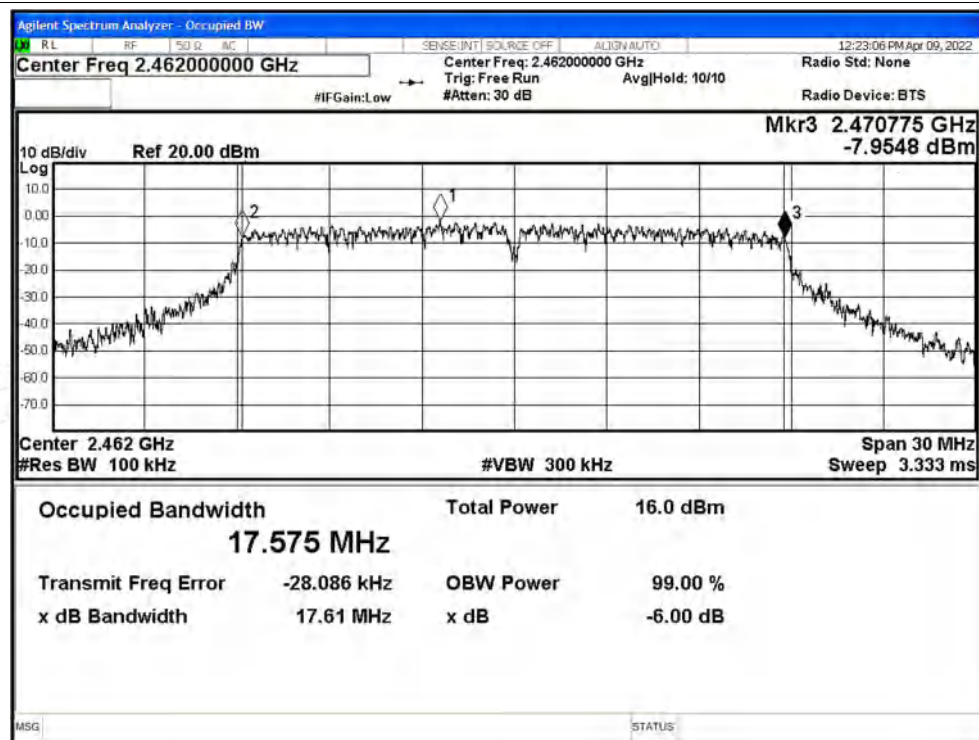


-6dB Bandwidth NVNT n20 2437MHz Ant0

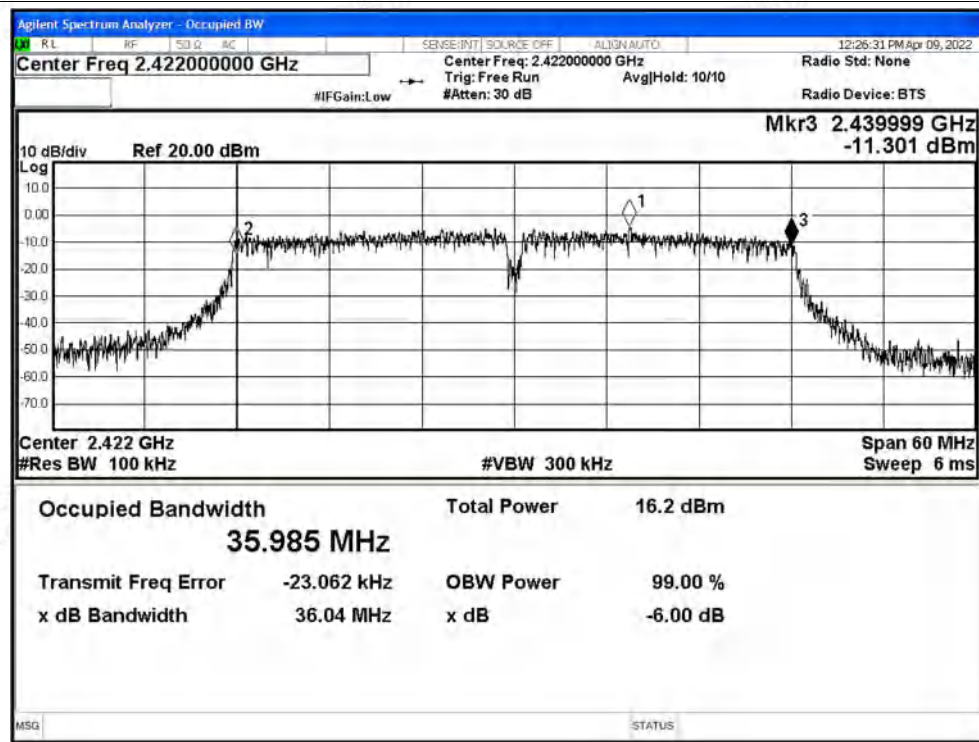




-6dB Bandwidth NVNT n20 2462MHz Ant0

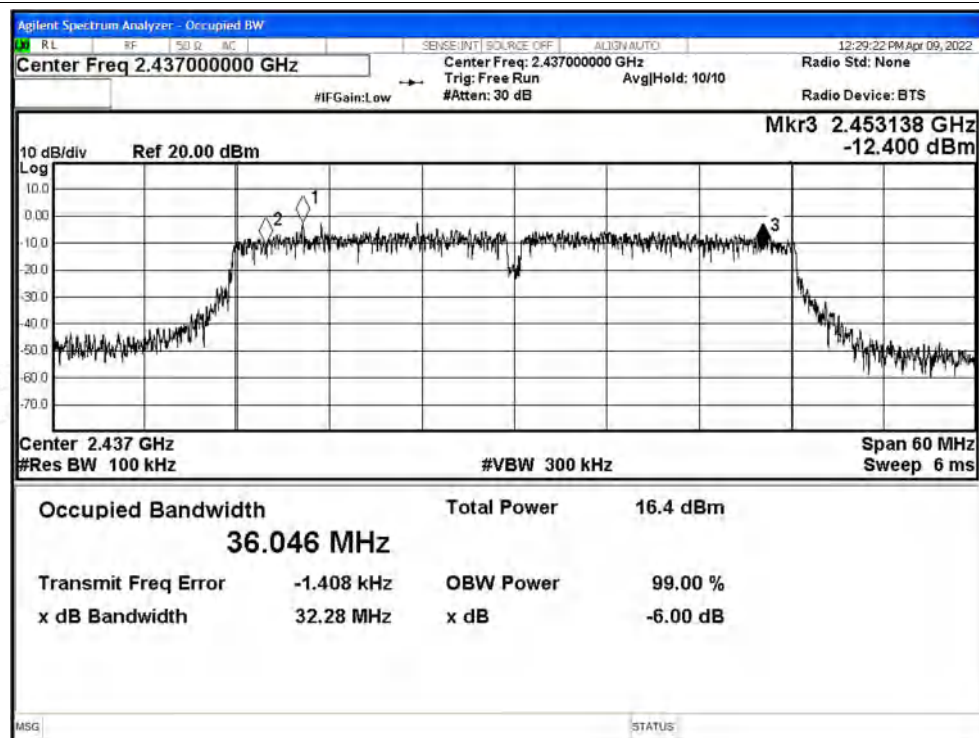


-6dB Bandwidth NVNT n40 2422MHz Ant0

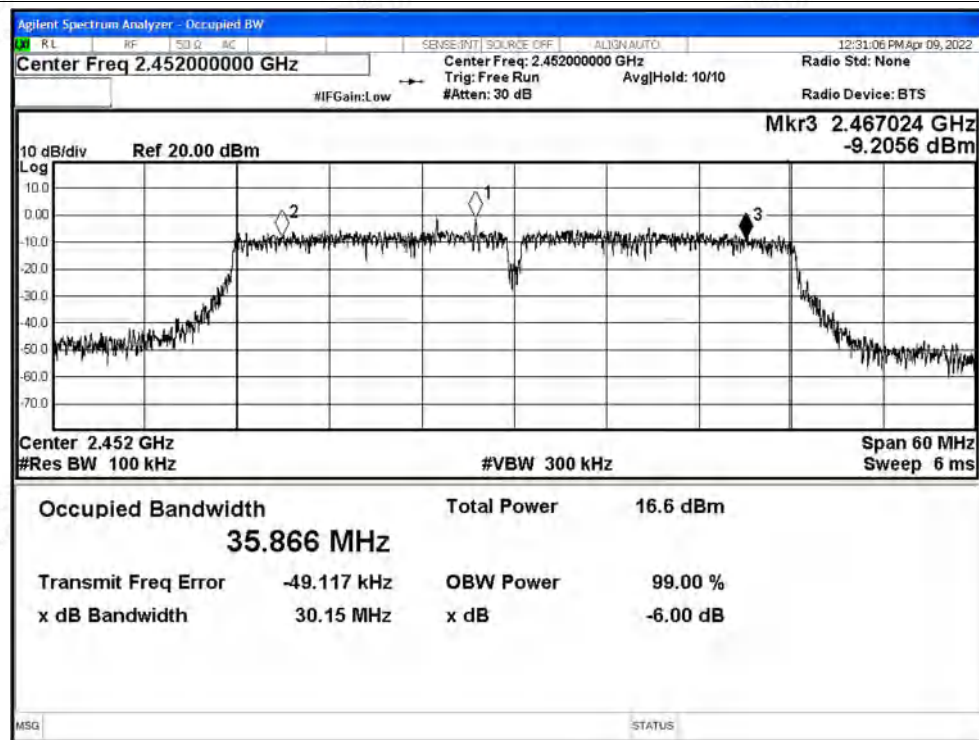




-6dB Bandwidth NVNT n40 2437MHz Ant0



-6dB Bandwidth NVNT n40 2452MHz Ant0





Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.97	0.5	Pass
NVNT	b	2437	Ant1	10.033	0.5	Pass
NVNT	b	2462	Ant1	9.74	0.5	Pass
NVNT	g	2412	Ant1	16.38	0.5	Pass
NVNT	g	2437	Ant1	16.367	0.5	Pass
NVNT	g	2462	Ant1	16.393	0.5	Pass
NVNT	n20	2412	Ant1	17.637	0.5	Pass
NVNT	n20	2437	Ant1	17.596	0.5	Pass
NVNT	n20	2462	Ant1	17.54	0.5	Pass
NVNT	n40	2422	Ant1	36.334	0.5	Pass
NVNT	n40	2437	Ant1	36.302	0.5	Pass
NVNT	n40	2452	Ant1	36.349	0.5	Pass





Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1

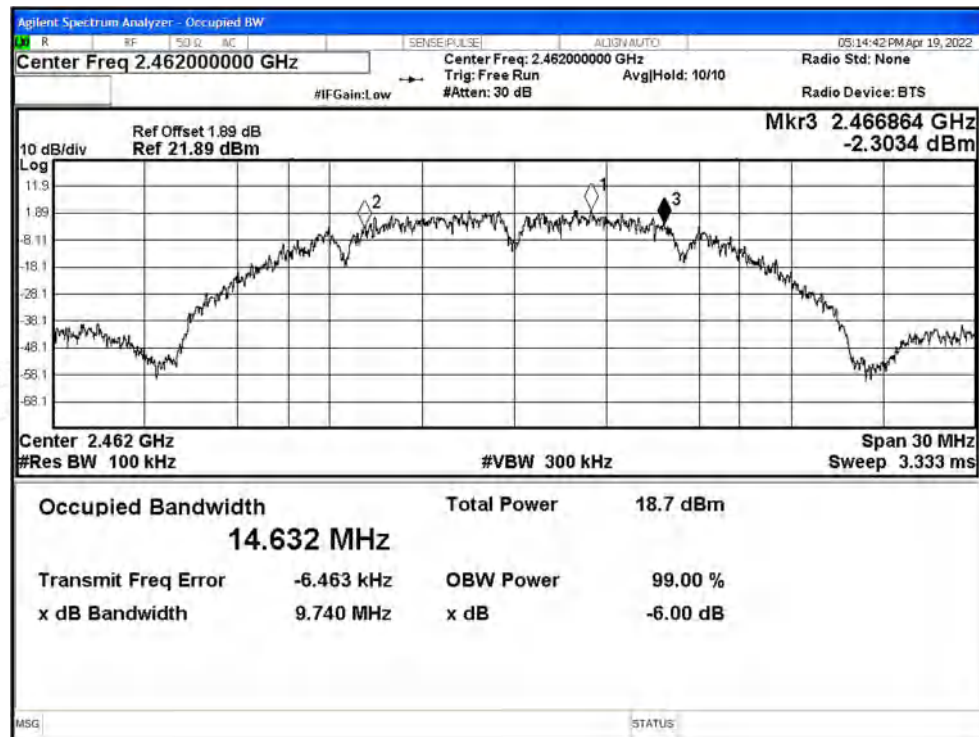


-6dB Bandwidth NVNT b 2437MHz Ant1

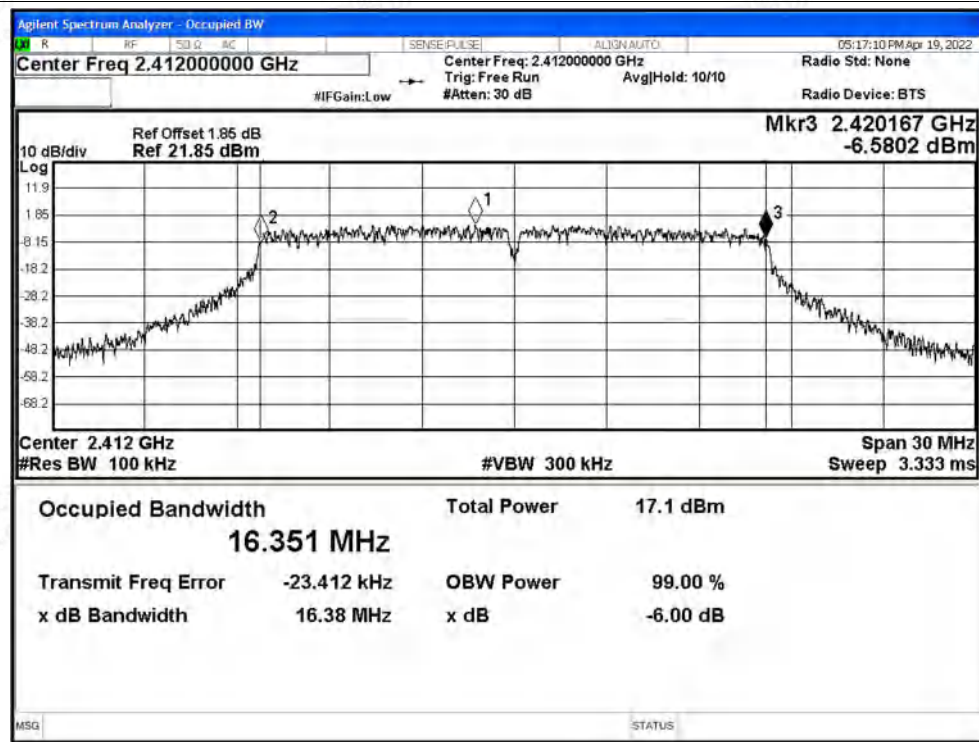




-6dB Bandwidth NVNT b 2462MHz Ant1

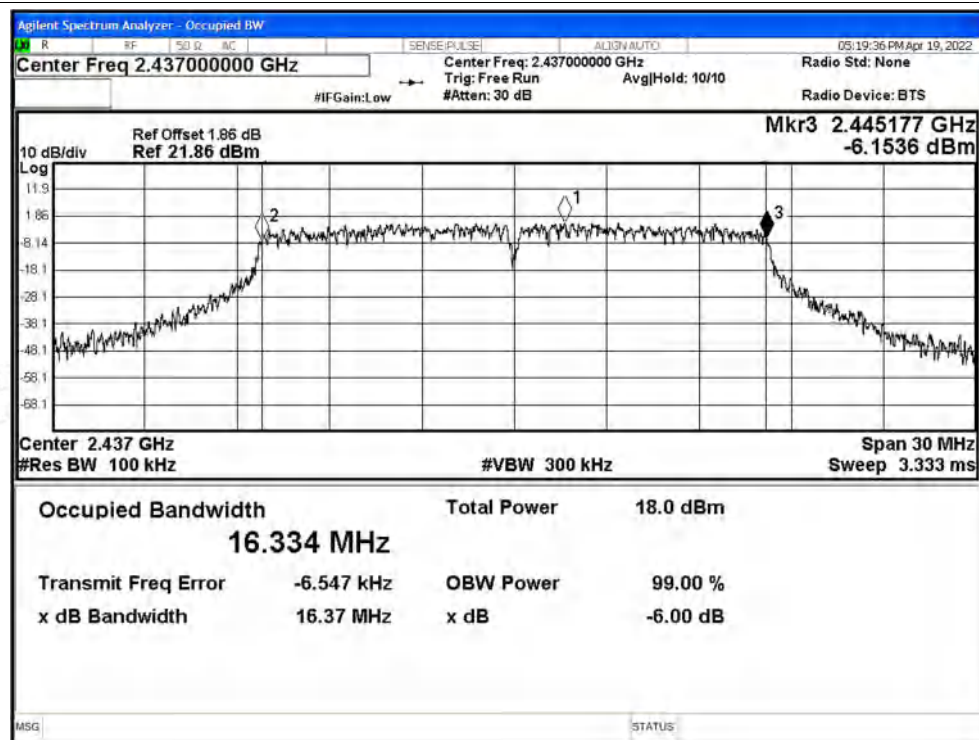


-6dB Bandwidth NVNT g 2412MHz Ant1

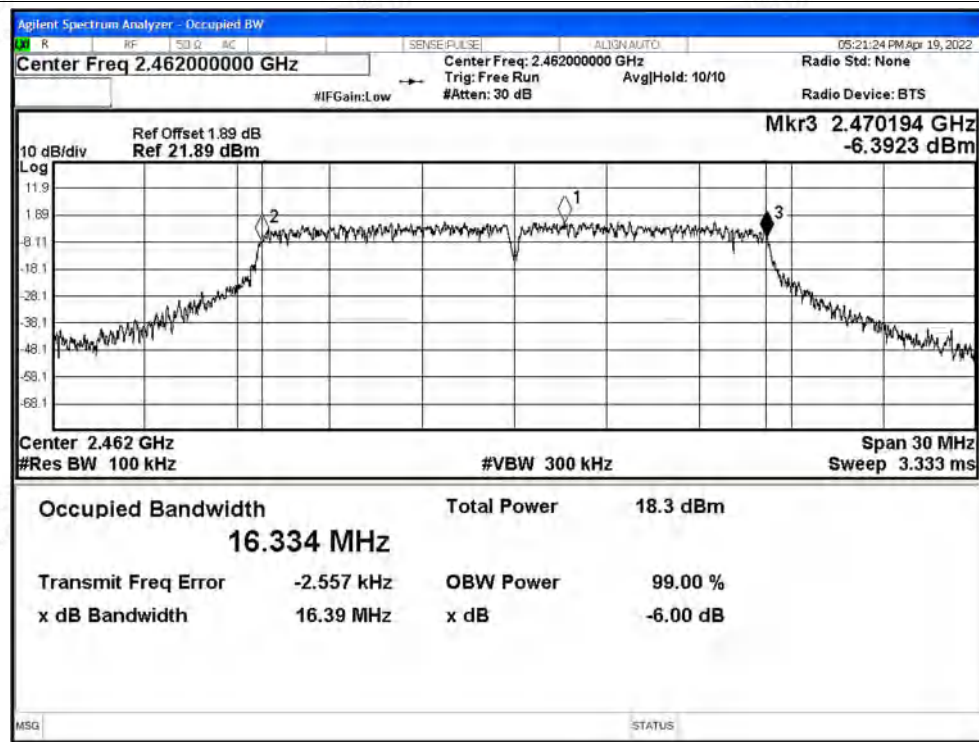




-6dB Bandwidth NVNT g 2437MHz Ant1

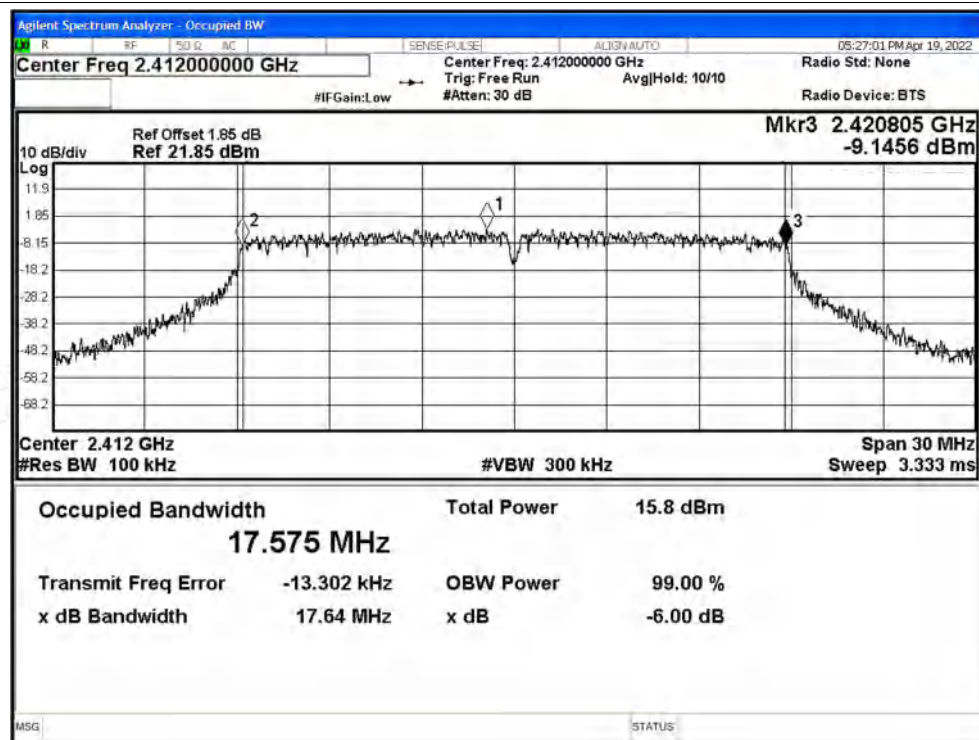


-6dB Bandwidth NVNT g 2462MHz Ant1

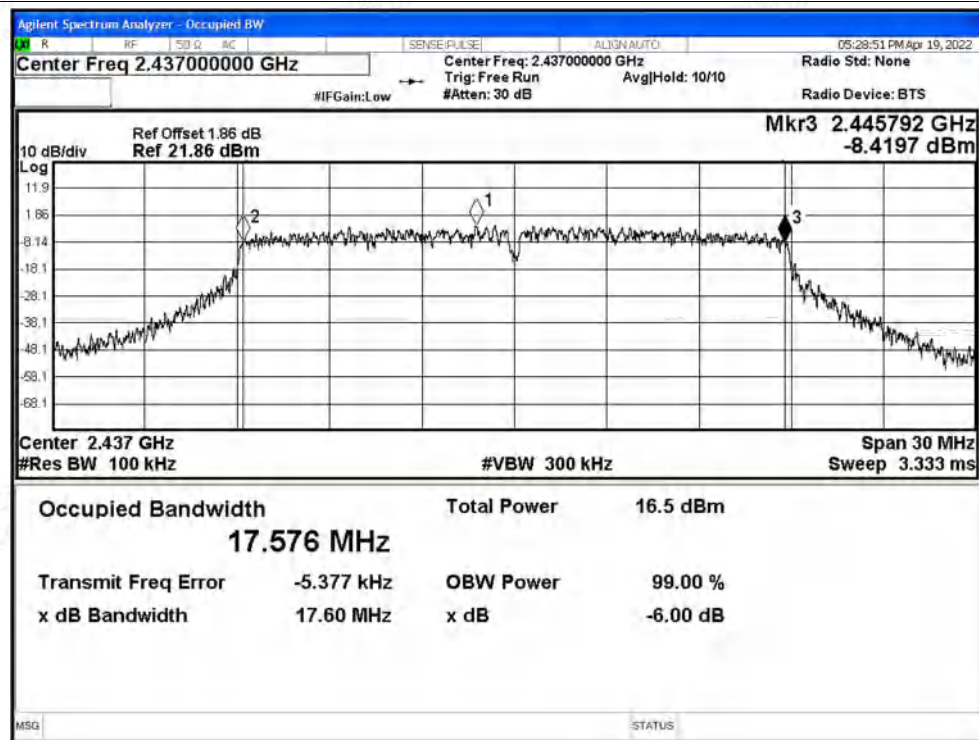




-6dB Bandwidth NVNT n20 2412MHz Ant1

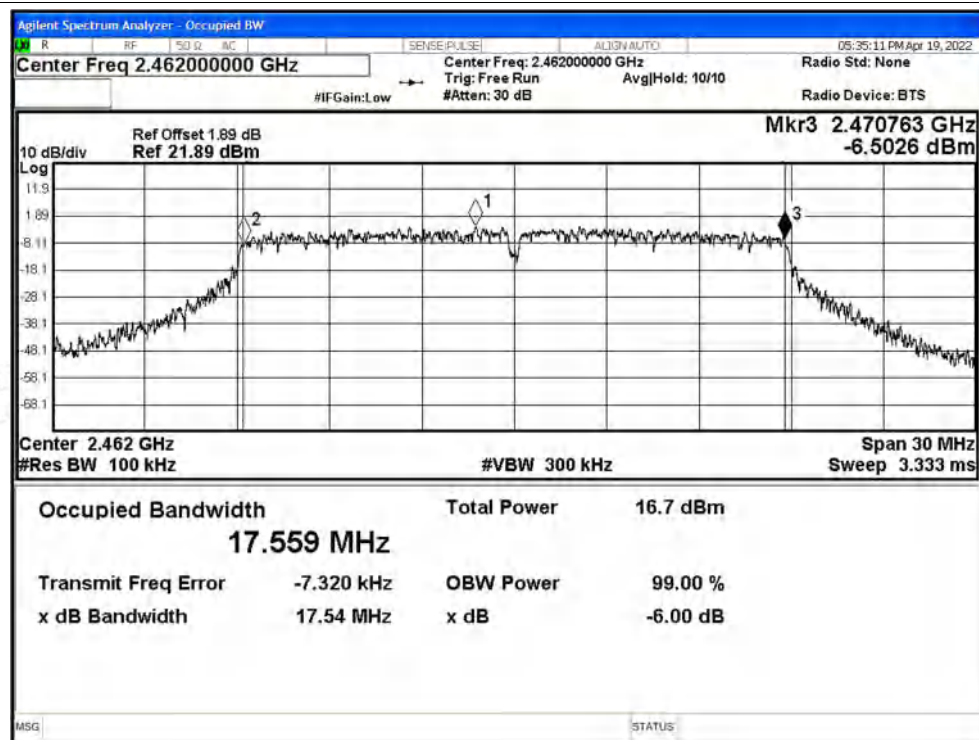


-6dB Bandwidth NVNT n20 2437MHz Ant1

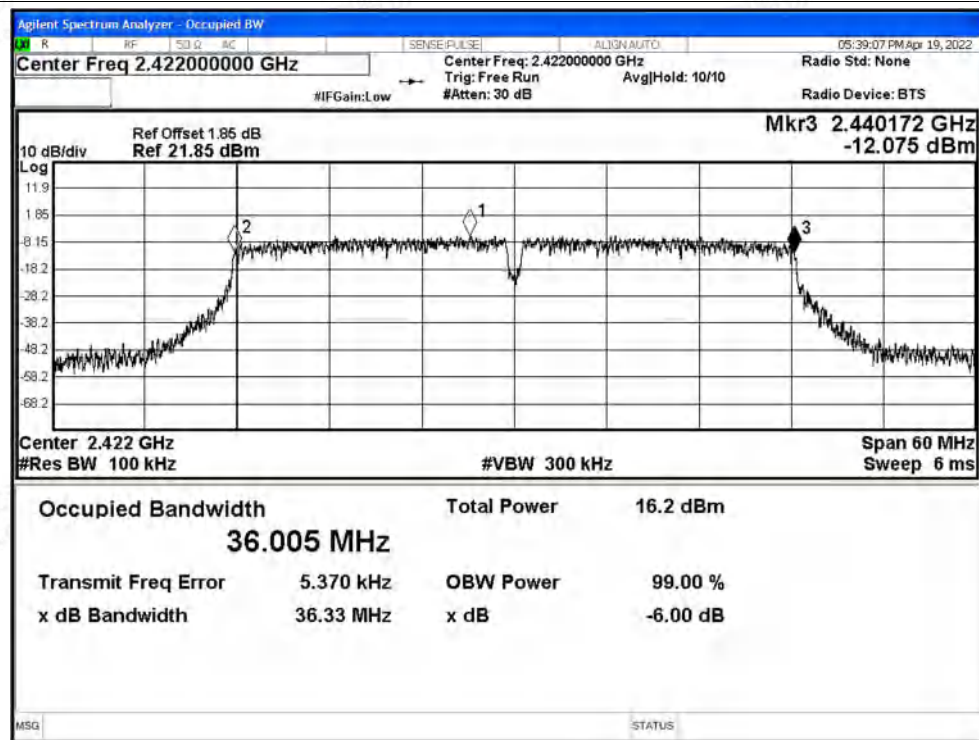




-6dB Bandwidth NVNT n20 2462MHz Ant1

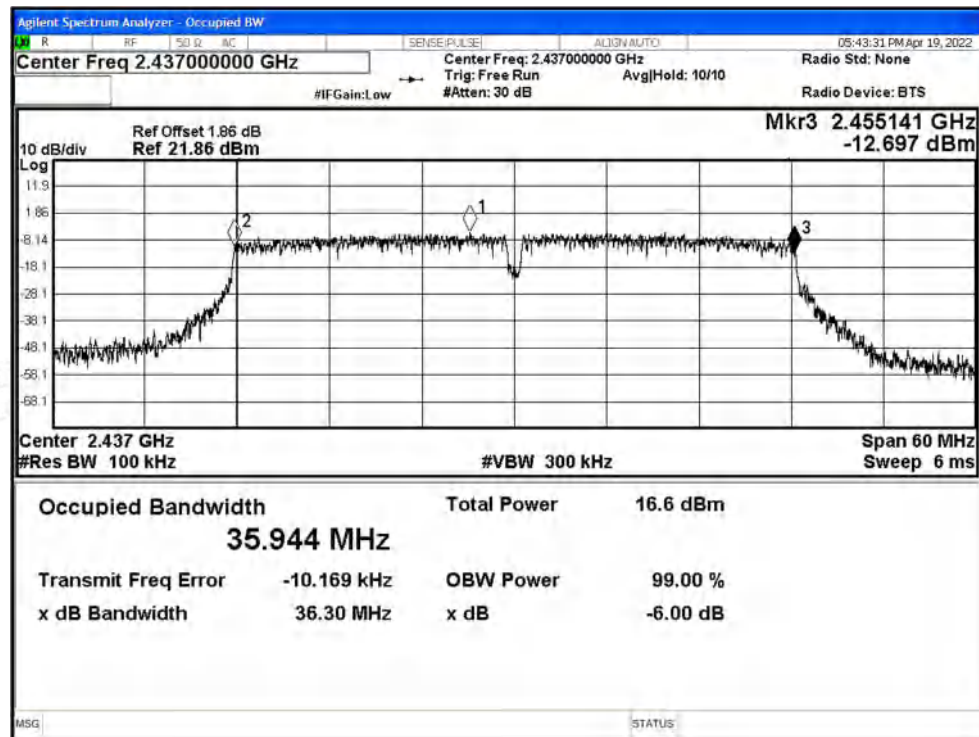


-6dB Bandwidth NVNT n40 2422MHz Ant1

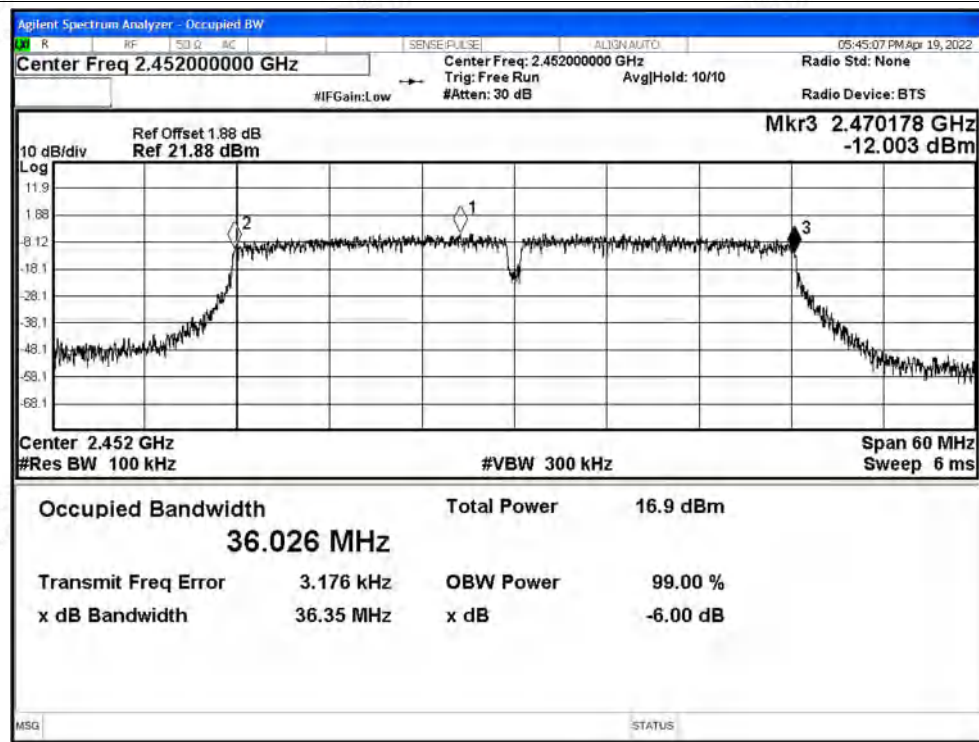




-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1





C.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant0	12.65	0	12.65	30	Pass
NVNT	b	2437	Ant0	13.8	0	13.8	30	Pass
NVNT	b	2462	Ant0	13.2	0	13.2	30	Pass
NVNT	g	2412	Ant0	16.06	0	16.06	30	Pass
NVNT	g	2437	Ant0	16.37	0	16.37	30	Pass
NVNT	g	2462	Ant0	15.85	0	15.85	30	Pass
NVNT	n20	2412	Ant0	14.84	0	14.84	30	Pass
NVNT	n20	2437	Ant0	14.95	0	14.95	30	Pass
NVNT	n20	2462	Ant0	14.91	0	14.91	30	Pass
NVNT	n40	2422	Ant0	14.82	0	14.82	30	Pass
NVNT	n40	2437	Ant0	15.51	0	15.51	30	Pass
NVNT	n40	2452	Ant0	14.42	0	14.42	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.34	0	14.34	30	Pass
NVNT	b	2437	Ant1	14.8	0	14.8	30	Pass
NVNT	b	2462	Ant1	15.36	0	15.36	30	Pass
NVNT	g	2412	Ant1	15.81	0	15.81	30	Pass
NVNT	g	2437	Ant1	16.83	0	16.83	30	Pass
NVNT	g	2462	Ant1	16.99	0	16.99	30	Pass
NVNT	n20	2412	Ant1	14.89	0	14.89	30	Pass
NVNT	n20	2437	Ant1	15.39	0	15.39	30	Pass
NVNT	n20	2462	Ant1	17.28	0	17.28	30	Pass
NVNT	n40	2422	Ant1	14.85	0	14.85	30	Pass
NVNT	n40	2437	Ant1	15.3	0	15.3	30	Pass
NVNT	n40	2452	Ant1	15.62	0	15.62	30	Pass

MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			ANT0	ANT1	ANT0+ANT1		
NVNT	n20	2412	14.84	14.89	17.88	30	Pass
NVNT	n20	2437	14.95	15.39	18.19	30	Pass
NVNT	n20	2462	14.91	17.28	19.27	30	Pass
NVNT	n40	2422	14.82	14.85	17.85	30	Pass
NVNT	n40	2437	15.51	15.3	18.42	30	Pass
NVNT	n40	2452	14.42	15.62	18.07	30	Pass





C.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant0	-19.05	0	-19.05	8	Pass
NVNT	b	2437	Ant0	-10.14	0	-10.14	8	Pass
NVNT	b	2462	Ant0	-11.94	0	-11.94	8	Pass
NVNT	g	2412	Ant0	-12.82	0	-12.82	8	Pass
NVNT	g	2437	Ant0	-12.22	0	-12.22	8	Pass
NVNT	g	2462	Ant0	-12.31	0	-12.31	8	Pass
NVNT	n20	2412	Ant0	-13.84	0	-13.84	8	Pass
NVNT	n20	2437	Ant0	-12.17	0	-12.17	8	Pass
NVNT	n20	2462	Ant0	-12.68	0	-12.68	8	Pass
NVNT	n40	2422	Ant0	-14.73	0	-14.73	8	Pass
NVNT	n40	2437	Ant0	-16.43	0	-16.43	8	Pass
NVNT	n40	2452	Ant0	-14.94	0	-14.94	8	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-17.41	0	-17.41	8	Pass
NVNT	b	2437	Ant1	-16.99	0	-16.99	8	Pass
NVNT	b	2462	Ant1	-16.48	0	-16.48	8	Pass
NVNT	g	2412	Ant1	-15.33	0	-15.33	8	Pass
NVNT	g	2437	Ant1	-14.38	0	-14.38	8	Pass
NVNT	g	2462	Ant1	-13.97	0	-13.97	8	Pass
NVNT	n20	2412	Ant1	-16.07	0	-16.07	8	Pass
NVNT	n20	2437	Ant1	-15.1	0	-15.1	8	Pass
NVNT	n20	2462	Ant1	-15.08	0	-15.08	8	Pass
NVNT	n40	2422	Ant1	-17.58	0	-17.58	8	Pass
NVNT	n40	2437	Ant1	-16.3	0	-16.3	8	Pass
NVNT	n40	2452	Ant1	-16.43	0	-16.43	8	Pass

MIMO

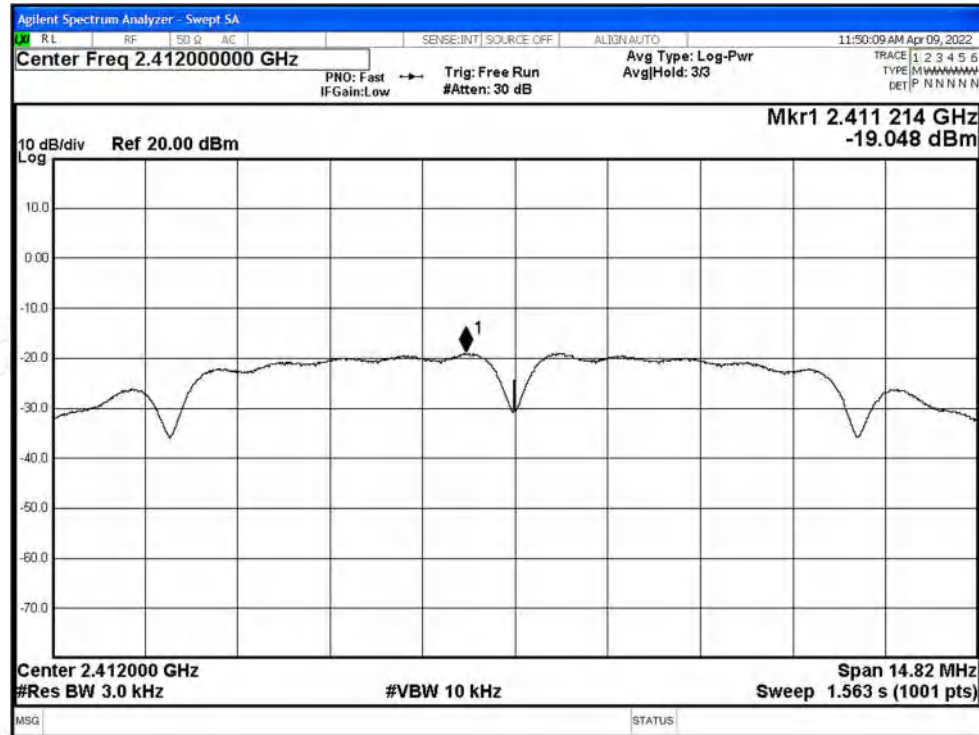
Condition	Mode	Frequency (MHz)	Total PSD (dBm/3kHz)			Limit (dBm)	Verdict
			ANT0	ANT1	ANT0+ANT1		
NVNT	n20	2412	-13.84	-16.07	-11.80	8	Pass
NVNT	n20	2437	-12.17	-15.1	-10.38	8	Pass
NVNT	n20	2462	-12.68	-15.08	-10.71	8	Pass
NVNT	n40	2422	-14.73	-17.58	-12.91	8	Pass
NVNT	n40	2437	-16.43	-16.3	-13.35	8	Pass
NVNT	n40	2452	-14.94	-16.43	-12.61	8	Pass



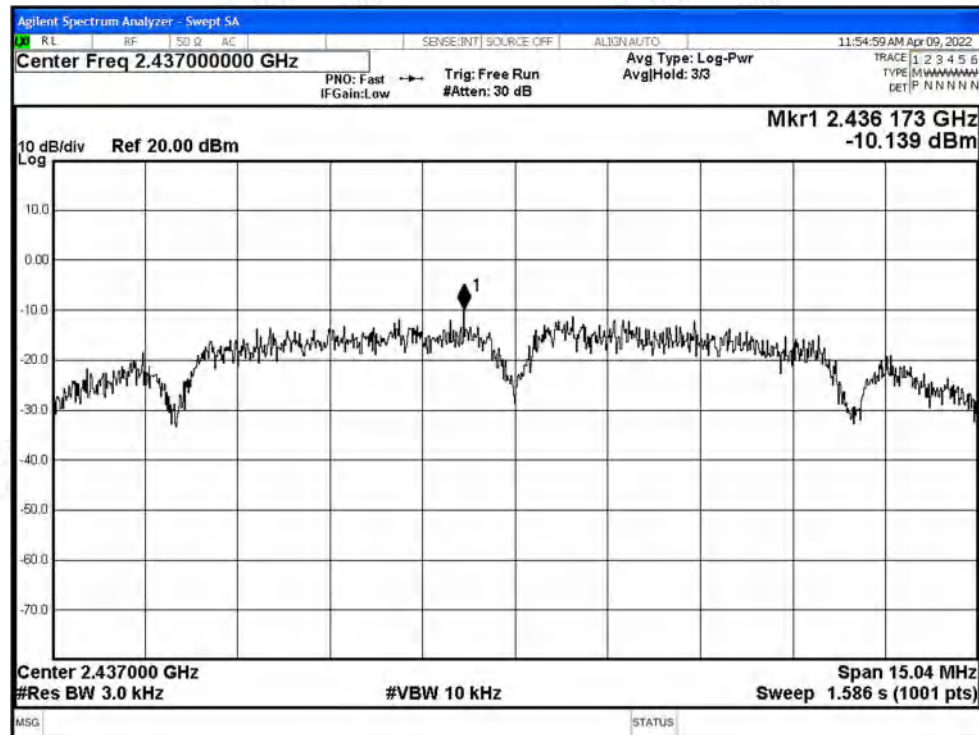


Test Graphs

PSD NVNT b 2412MHz Ant0

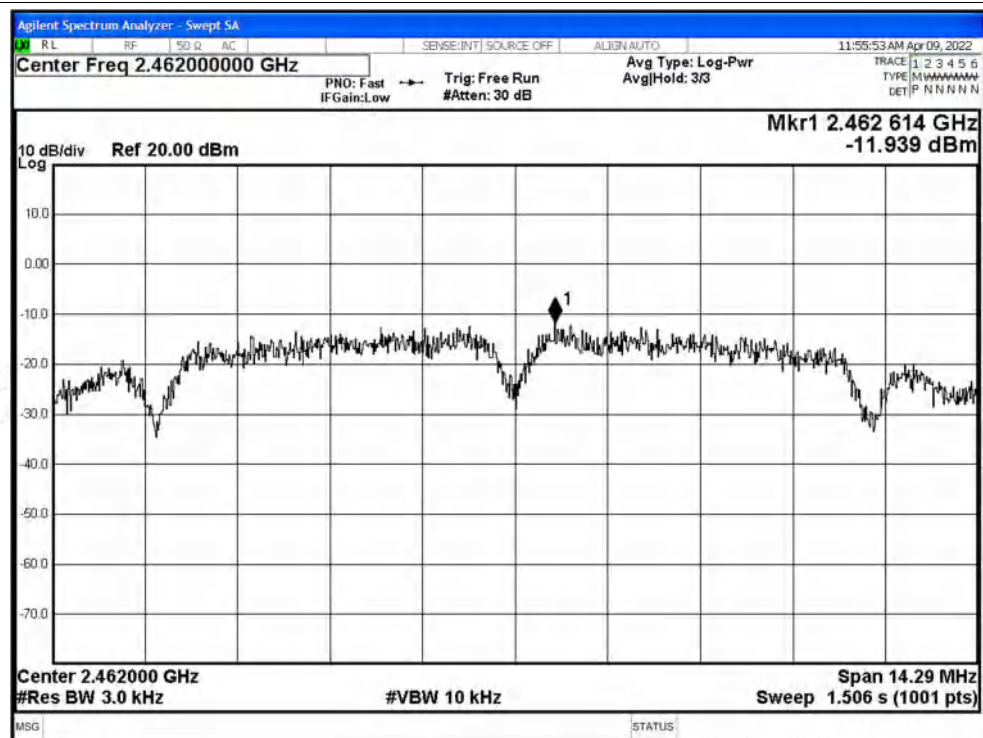


PSD NVNT b 2437MHz Ant0

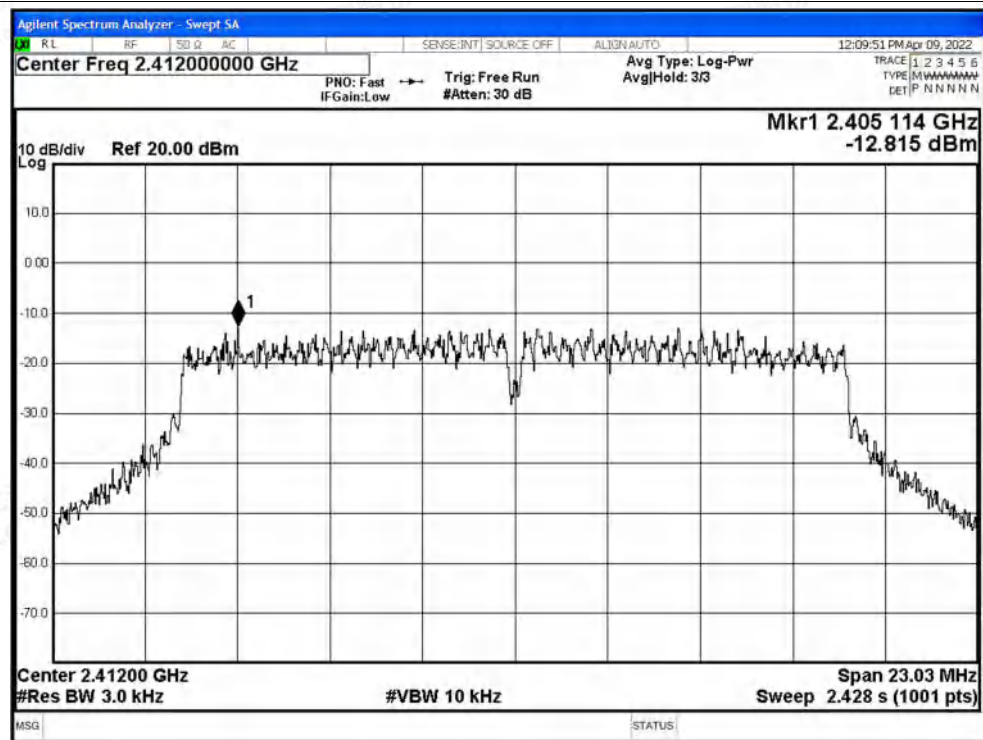




PSD NVNT b 2462MHz Ant0

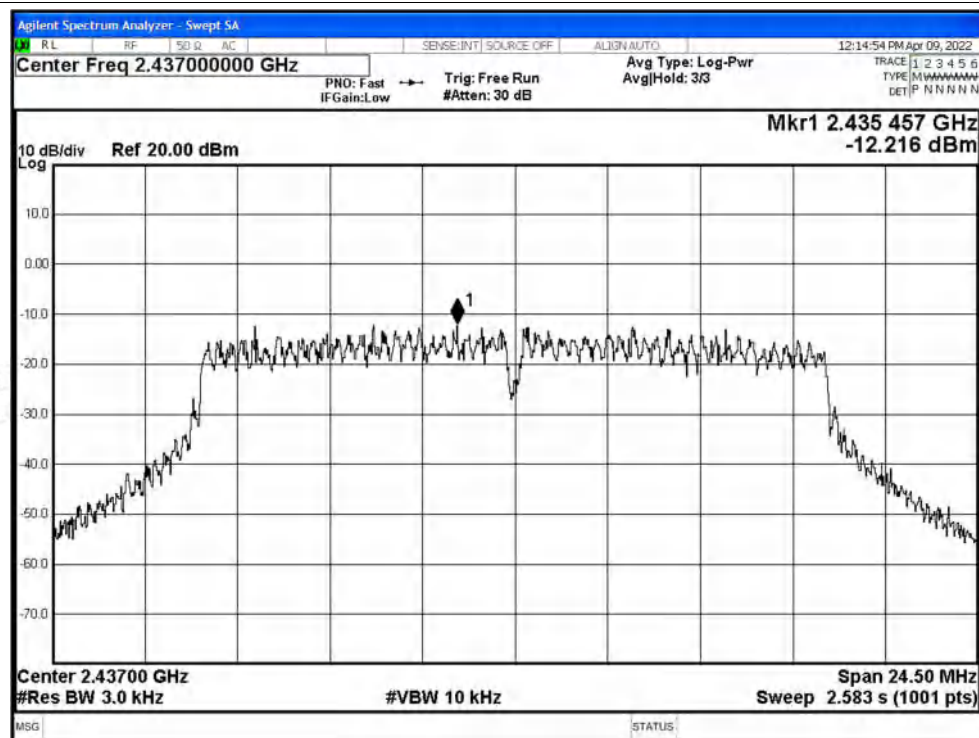


PSD NVNT g 2412MHz Ant0

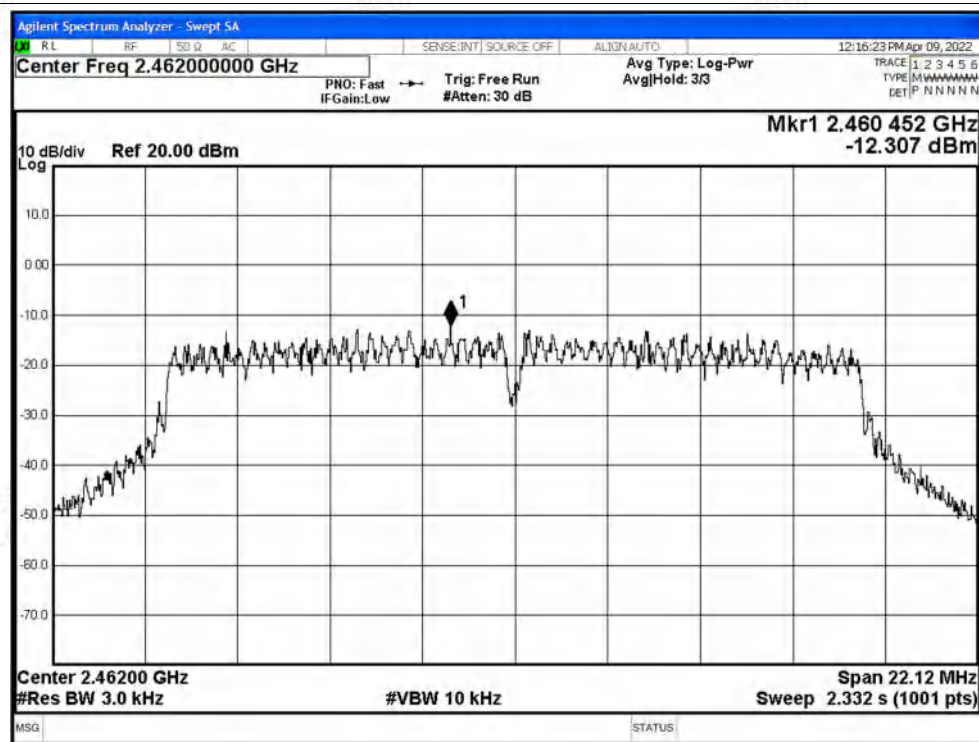


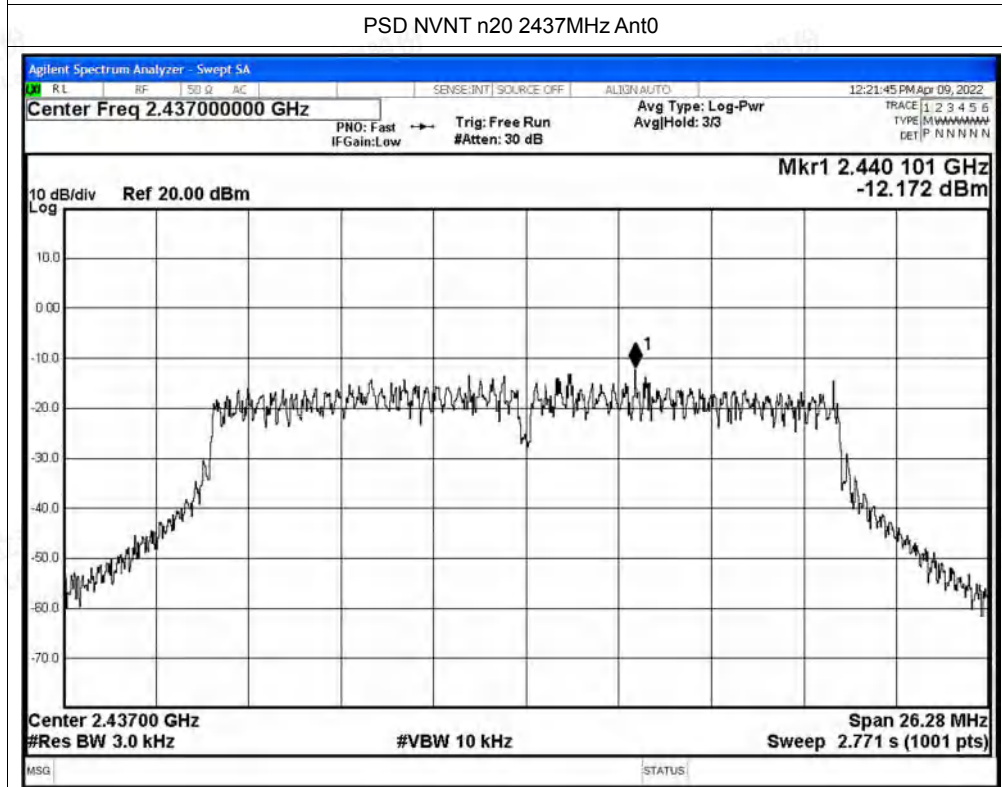
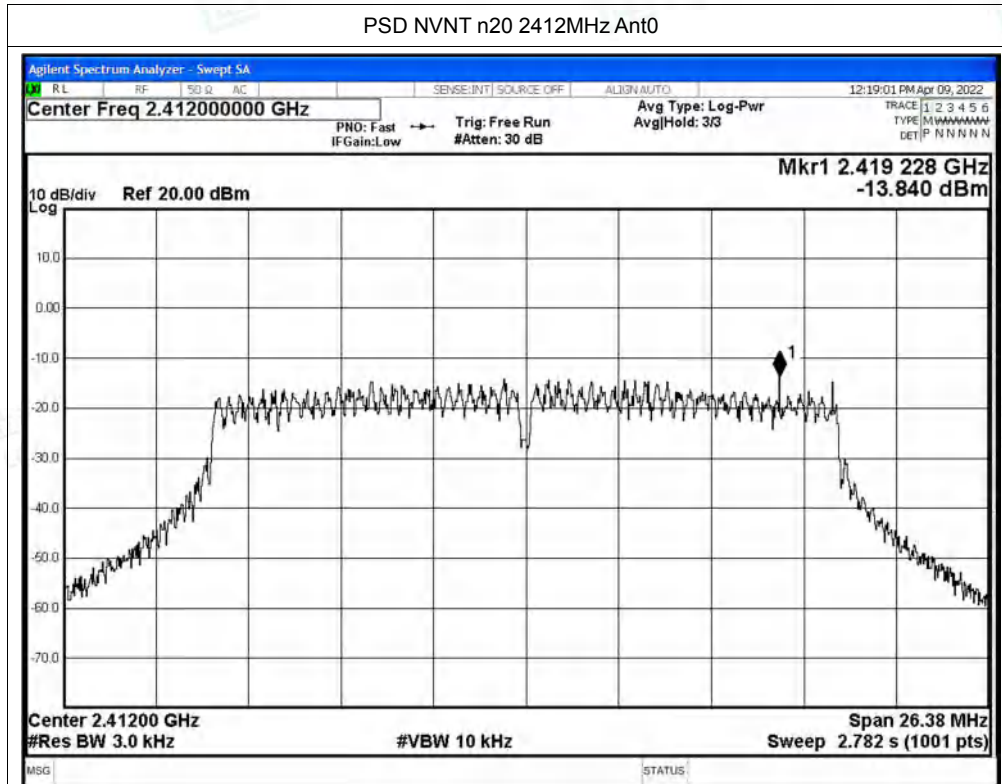


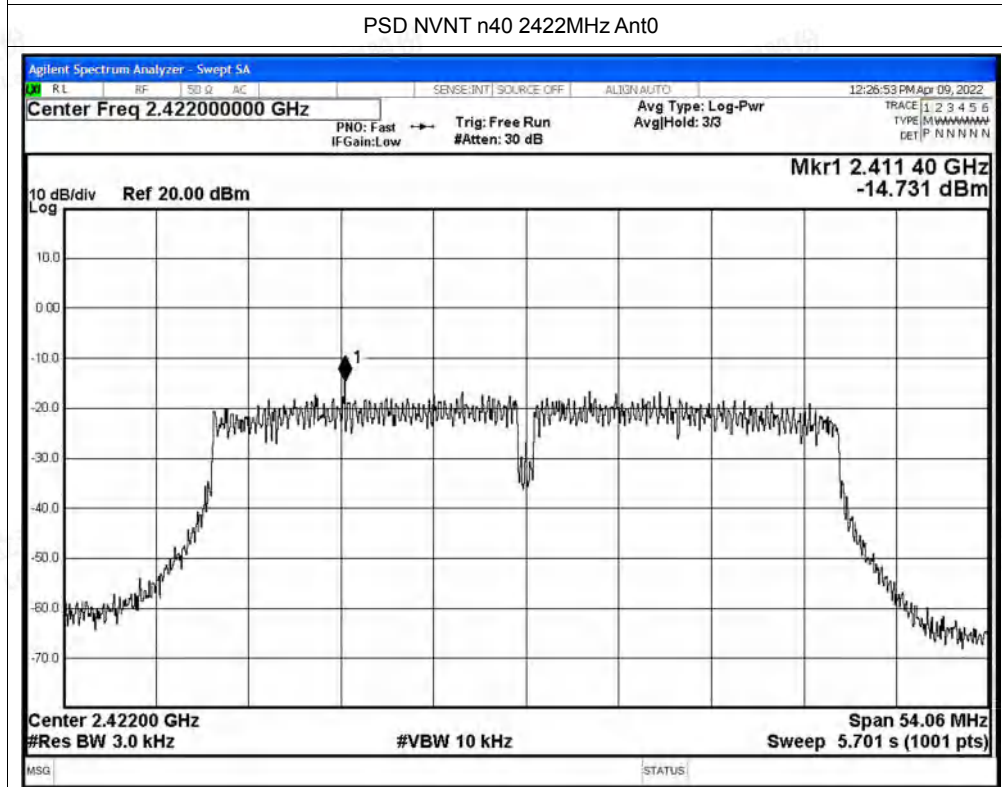
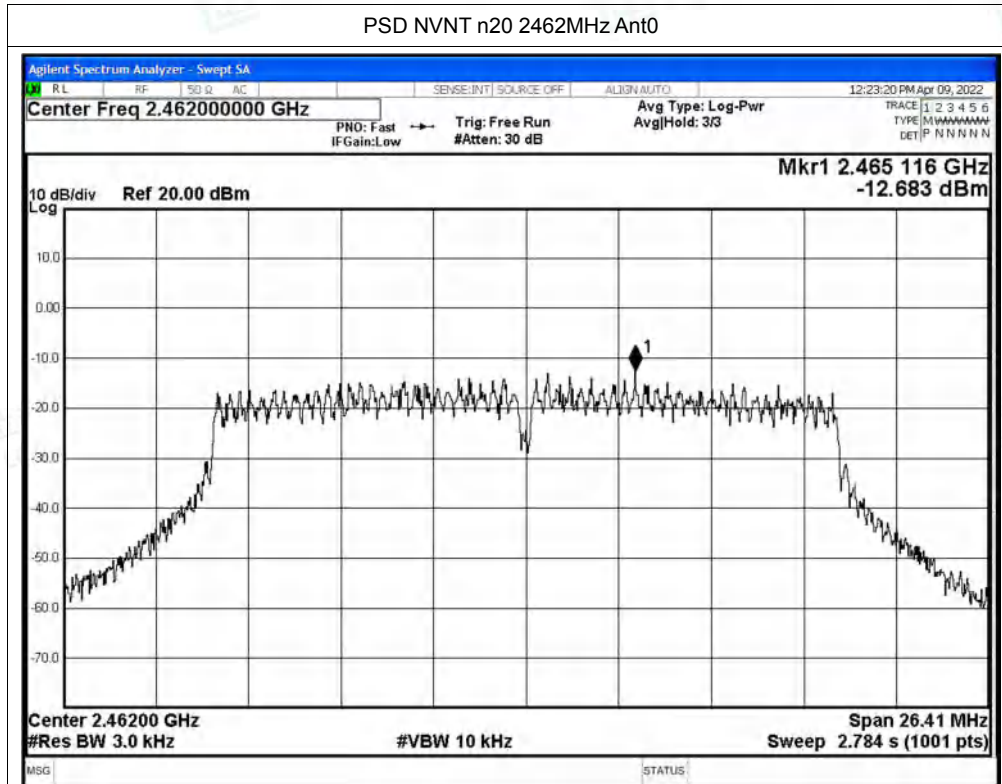
PSD NVNT g 2437MHz Ant0

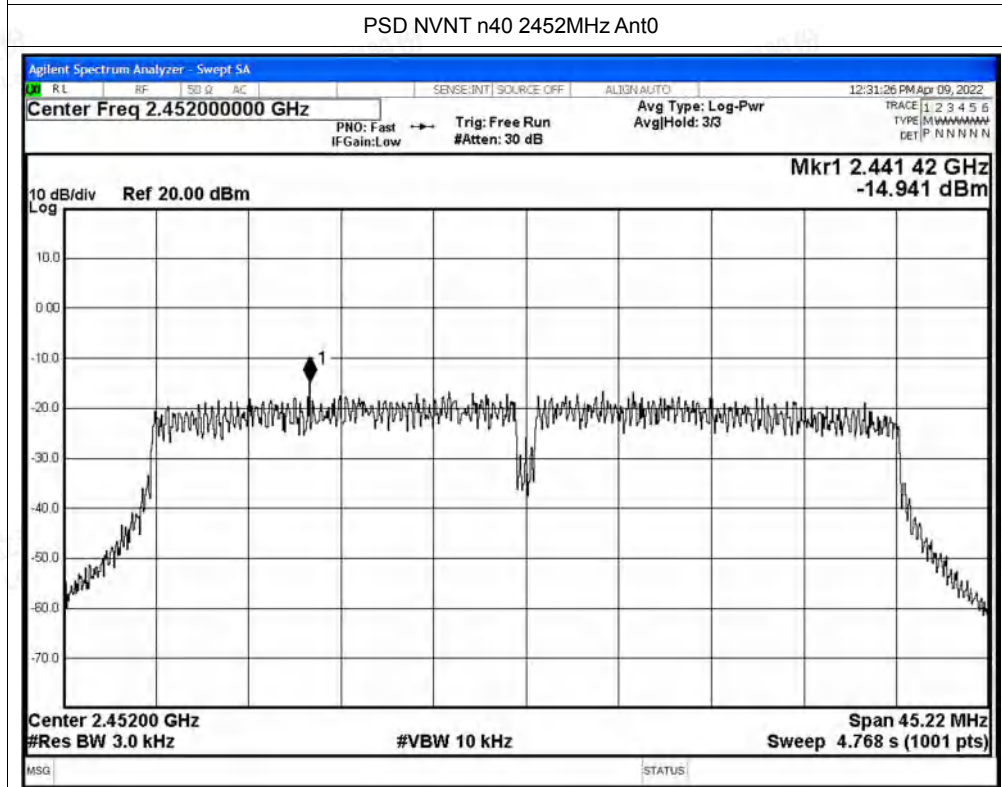
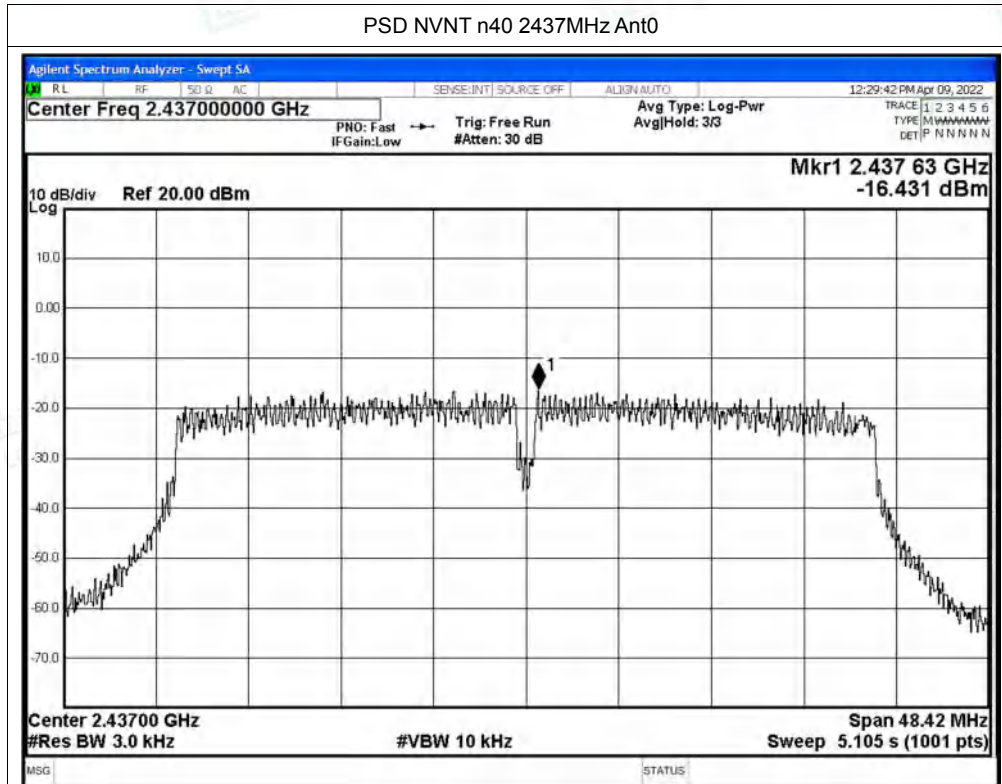


PSD NVNT g 2462MHz Ant0





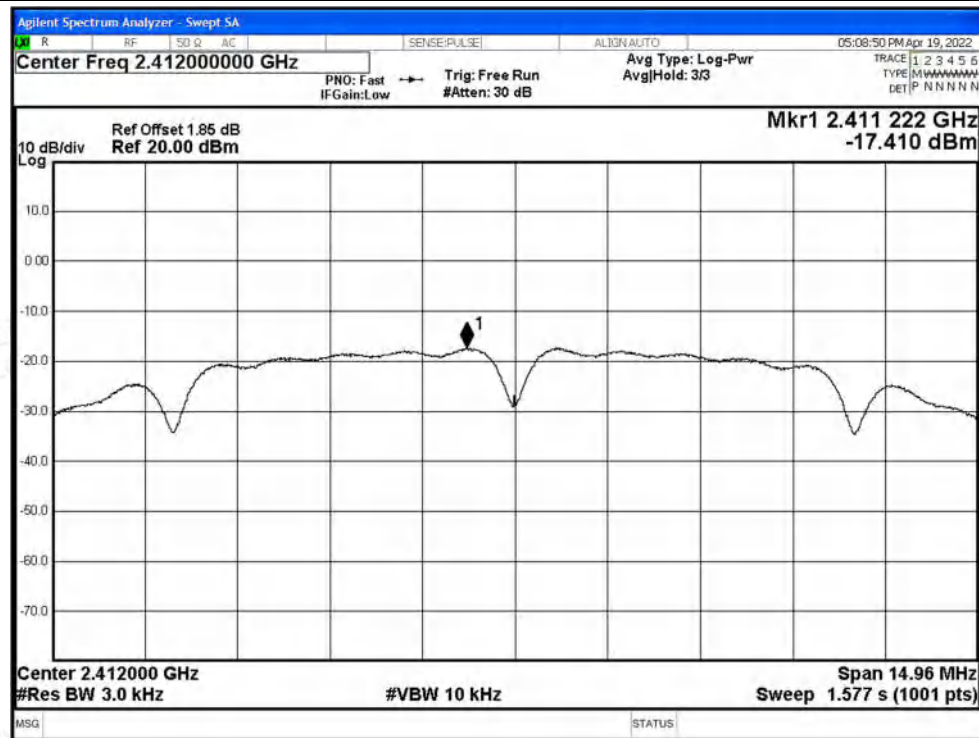




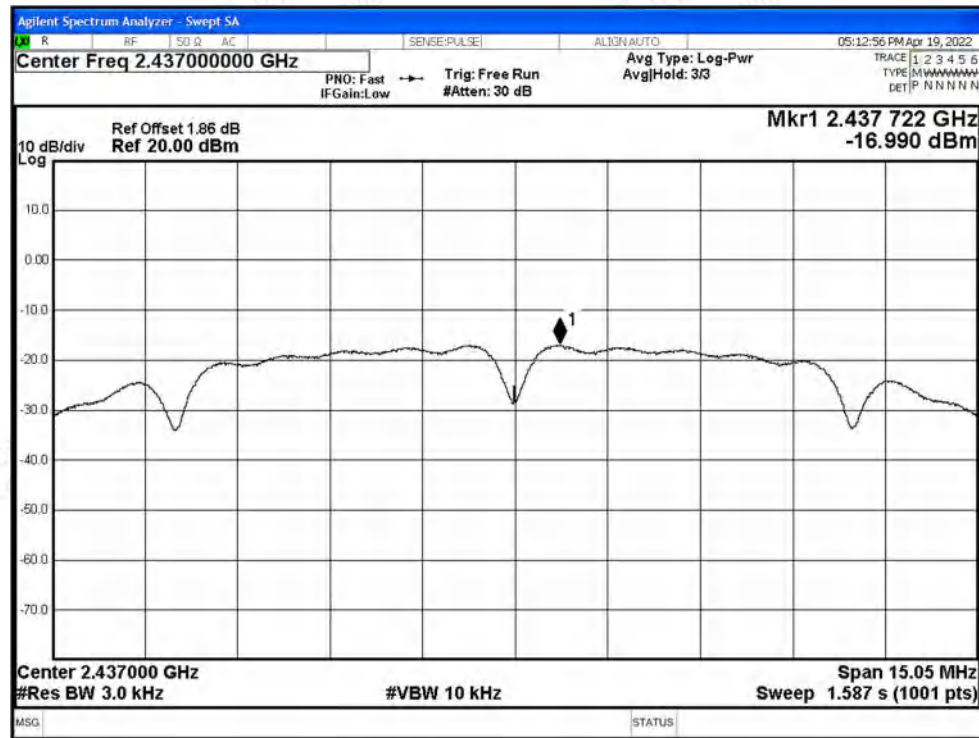


Test Graphs

PSD NVNT b 2412MHz Ant1

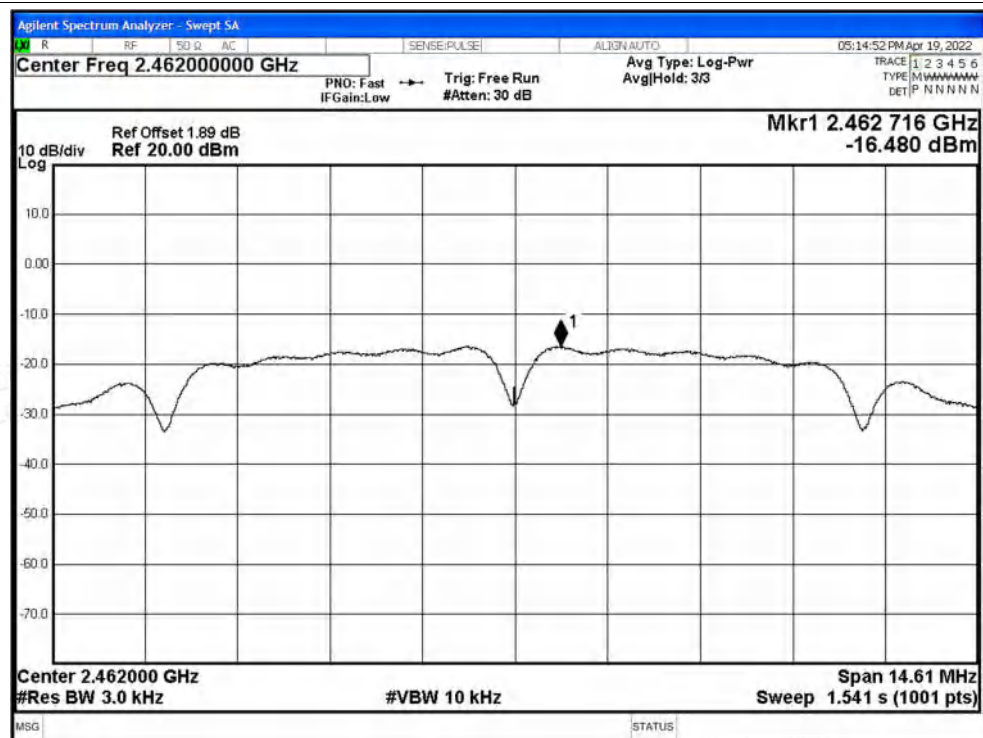


PSD NVNT b 2437MHz Ant1

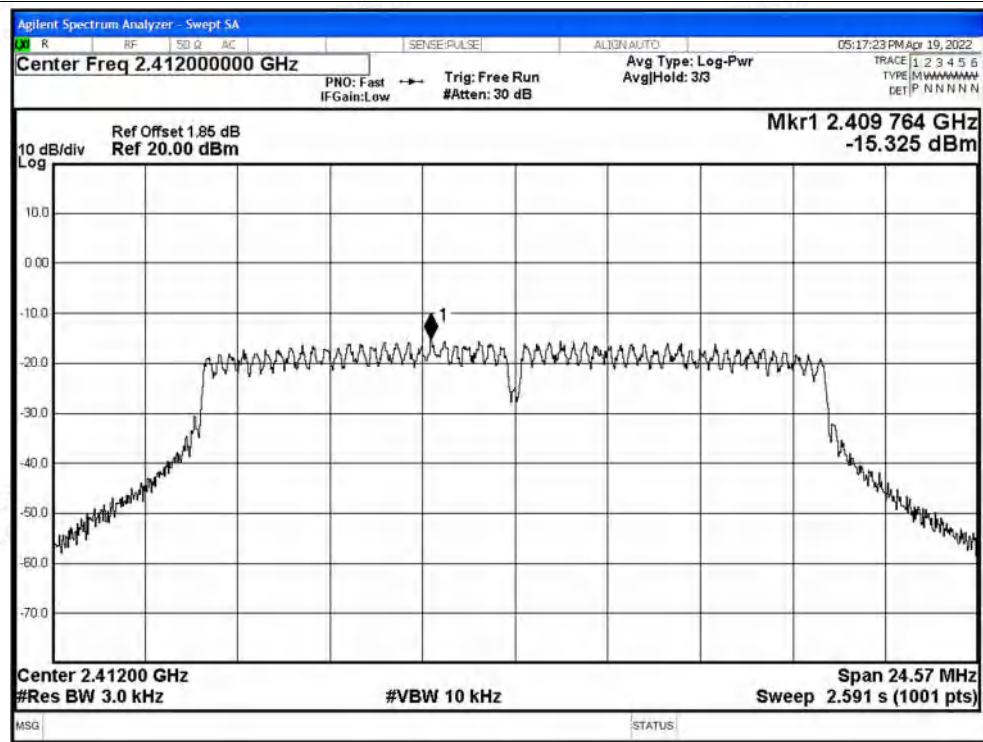




PSD NVNT b 2462MHz Ant1

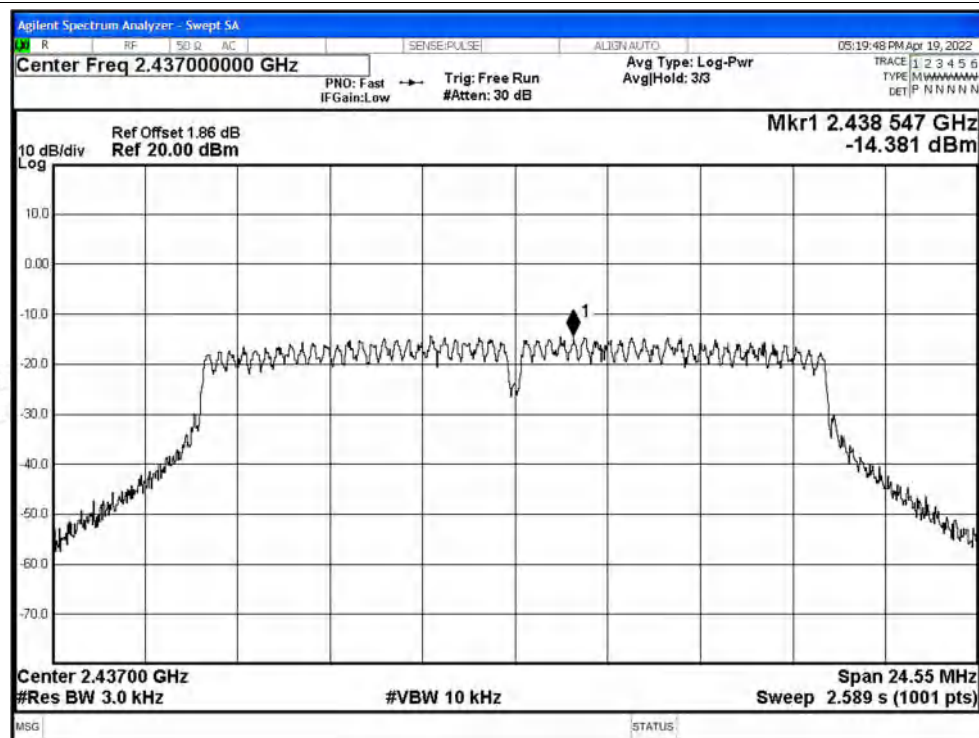


PSD NVNT g 2412MHz Ant1

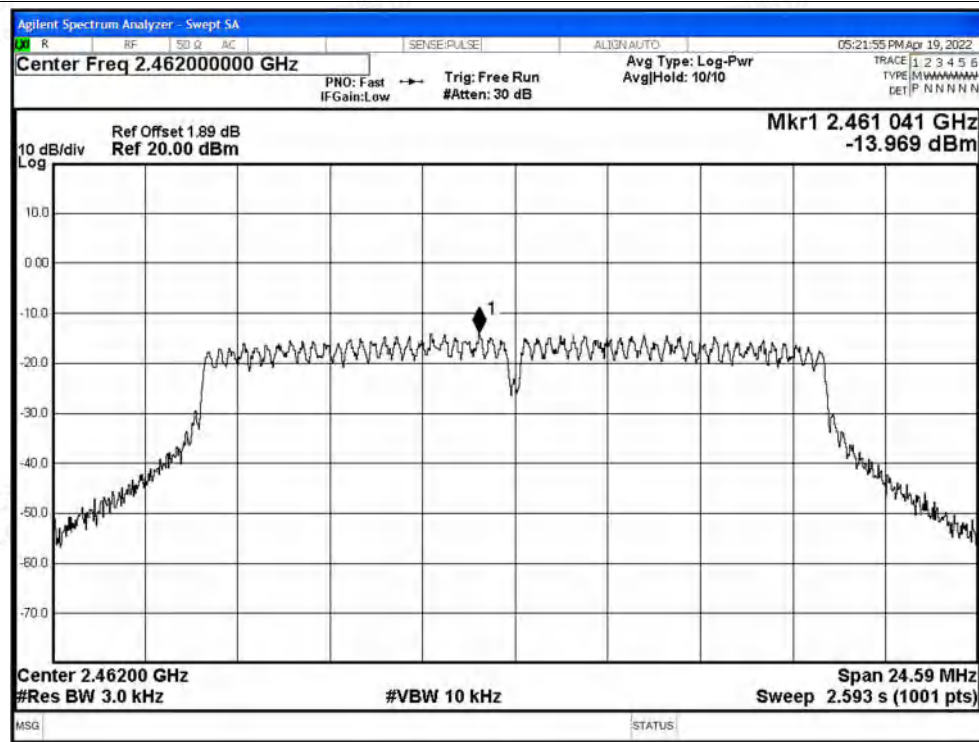


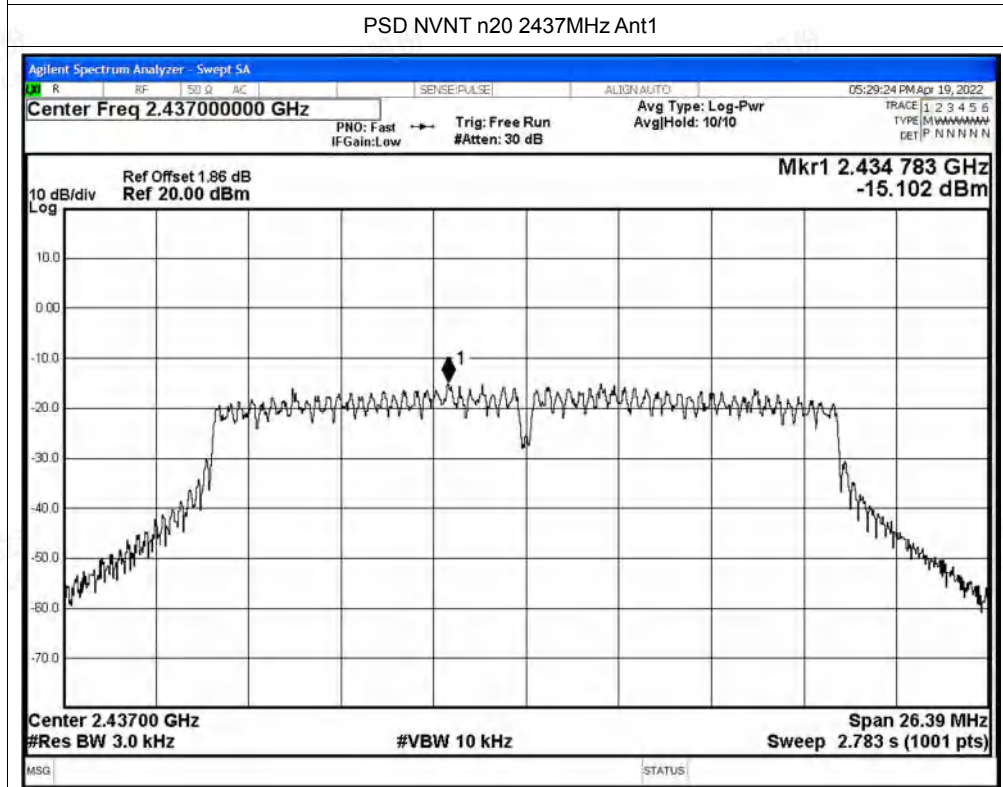
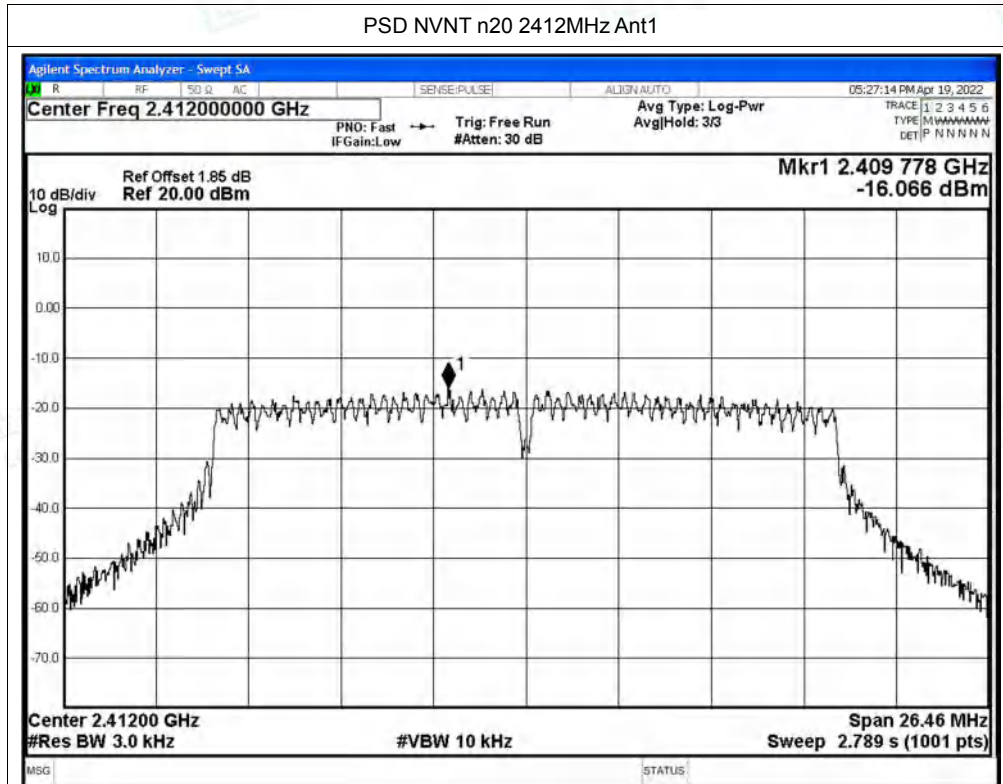


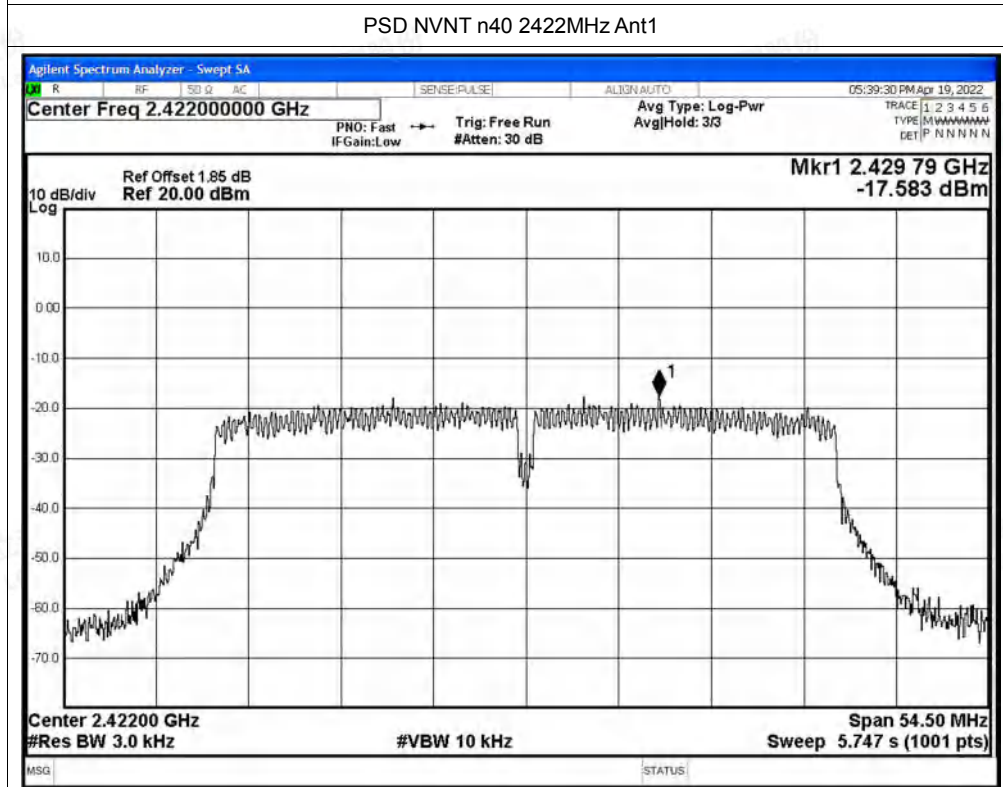
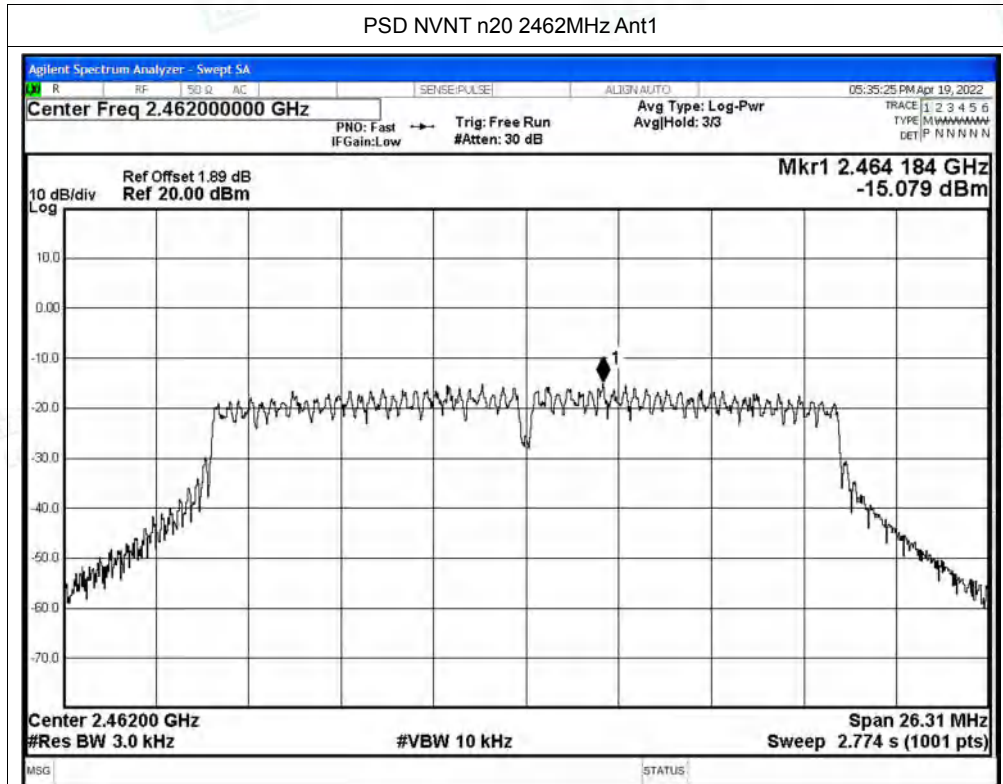
PSD NVNT g 2437MHz Ant1

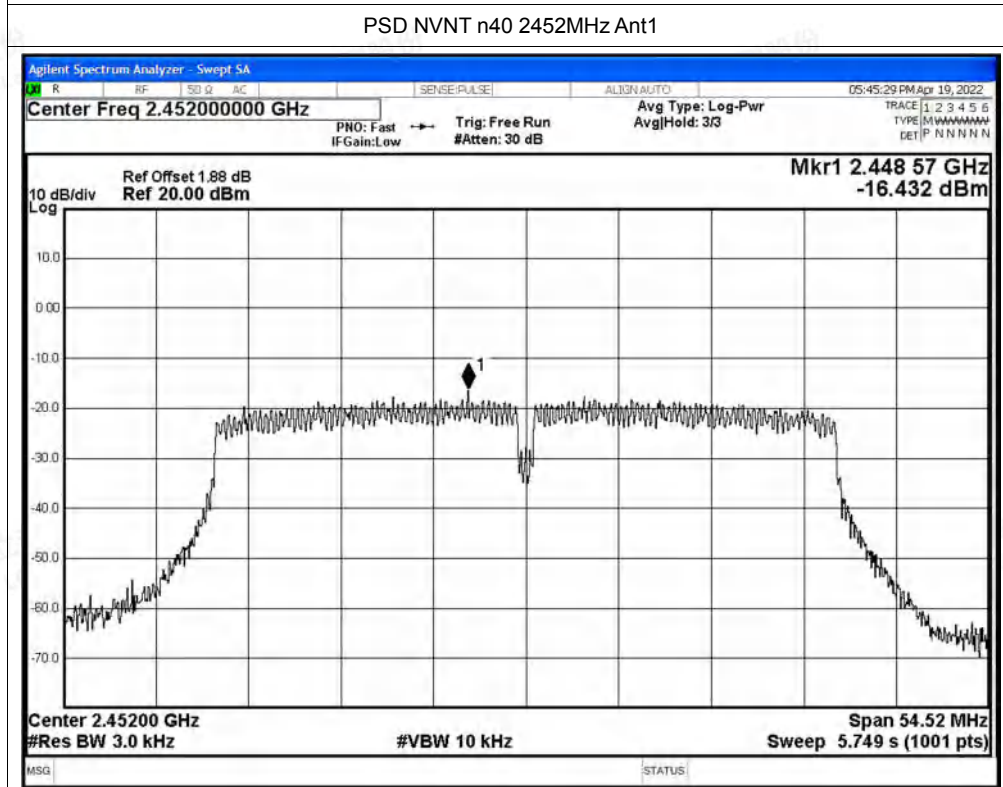
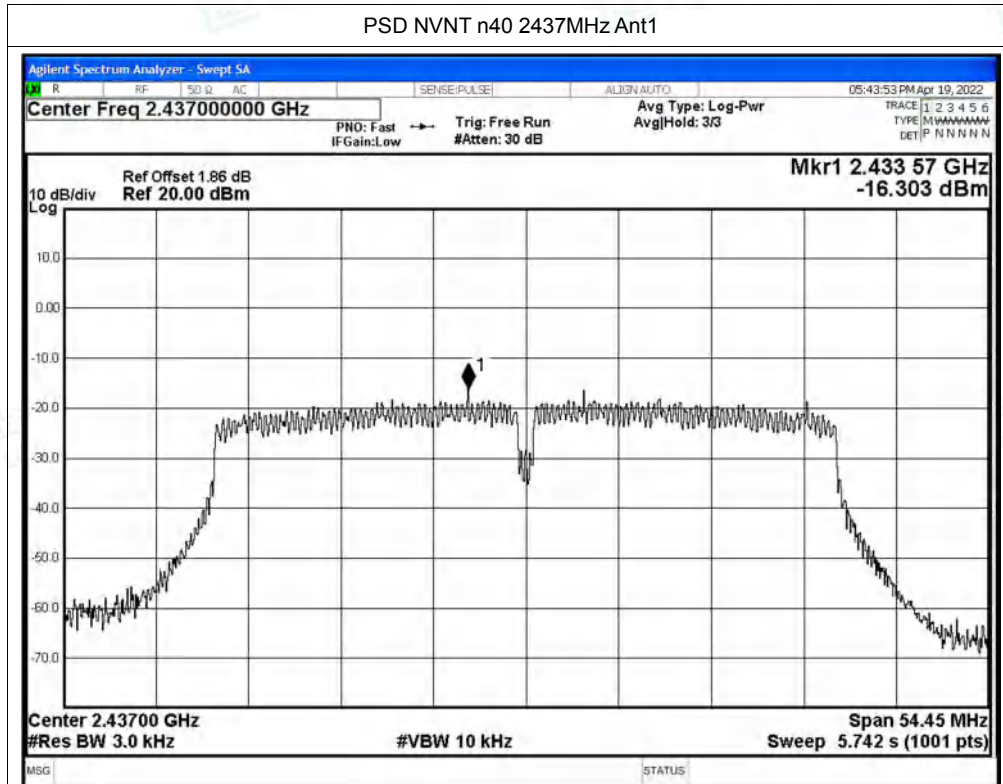


PSD NVNT g 2462MHz Ant1











C.4 Band Edge

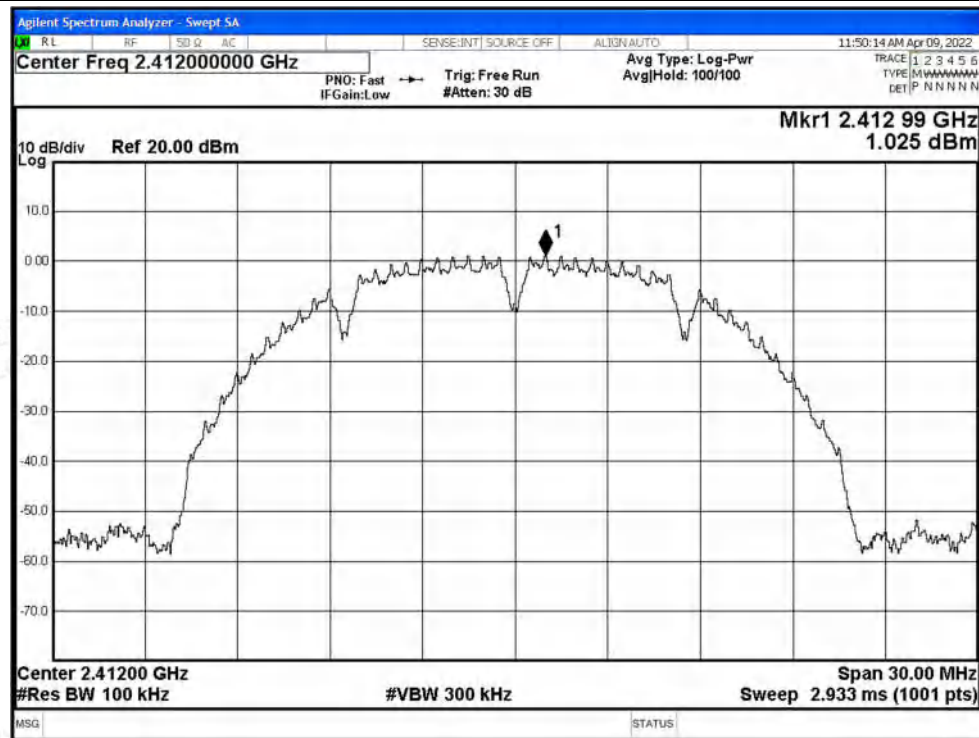
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant0	-55.01	-20	Pass
NVNT	b	2462	Ant0	-59.99	-20	Pass
NVNT	g	2412	Ant0	-40.47	-20	Pass
NVNT	g	2462	Ant0	-49.38	-20	Pass
NVNT	n20	2412	Ant0	-36.61	-20	Pass
NVNT	n20	2462	Ant0	-53.67	-20	Pass
NVNT	n40	2422	Ant0	-38.99	-20	Pass
NVNT	n40	2452	Ant0	-45.57	-20	Pass



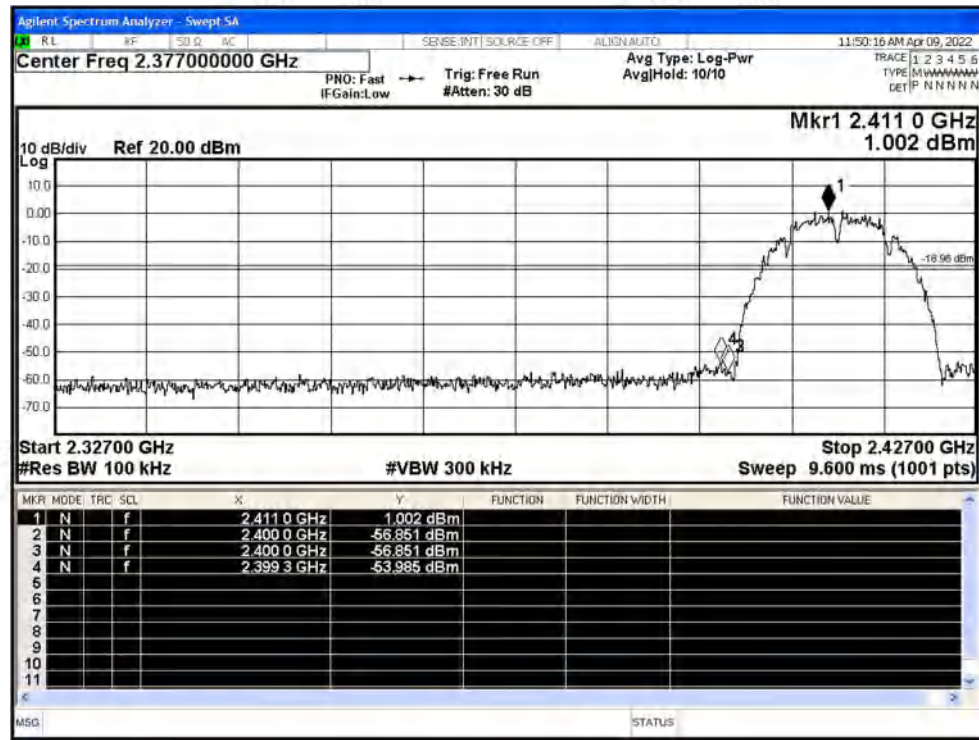


Test Graphs

Band Edge NVNT b 2412MHz Ant0 Ref



Band Edge NVNT b 2412MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

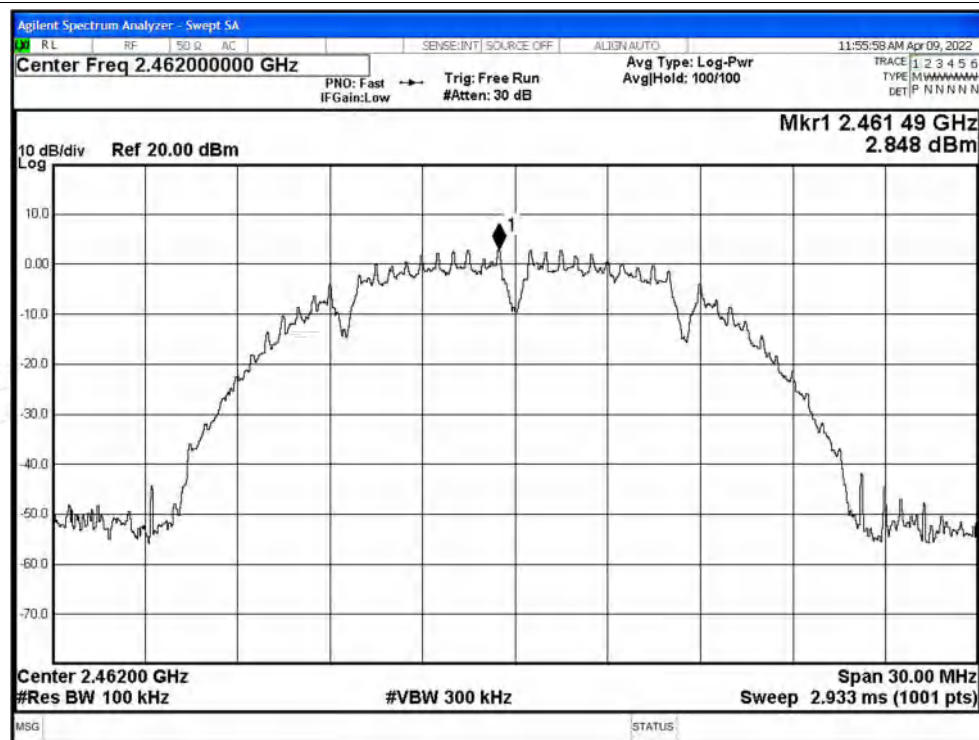
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

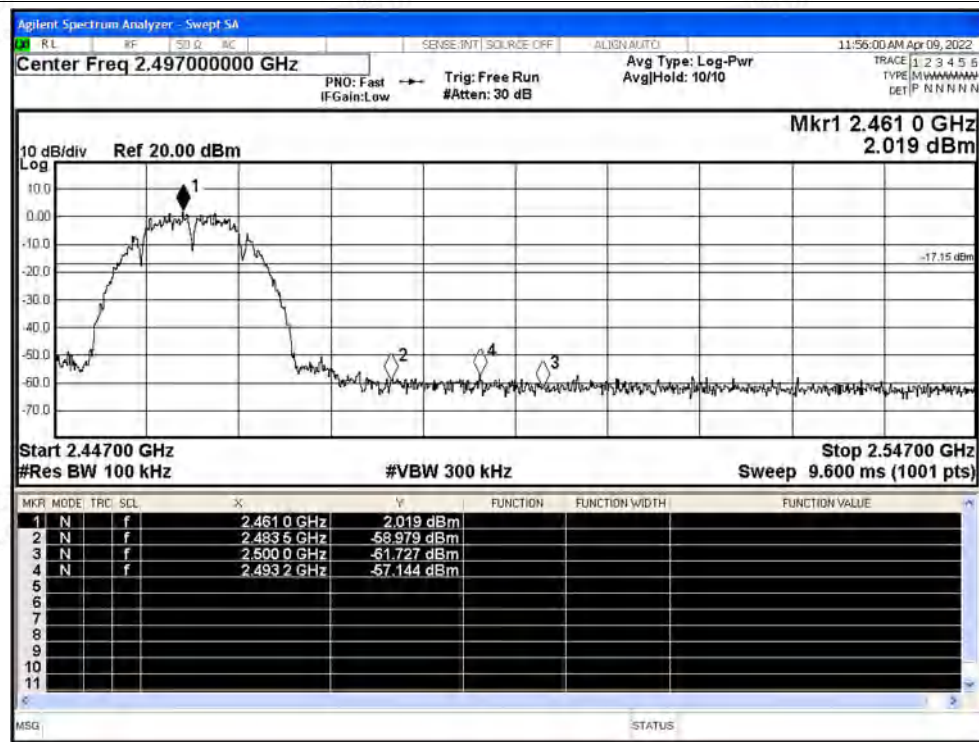
Scan code to check authenticity



Band Edge NVNT b 2462MHz Ant0 Ref

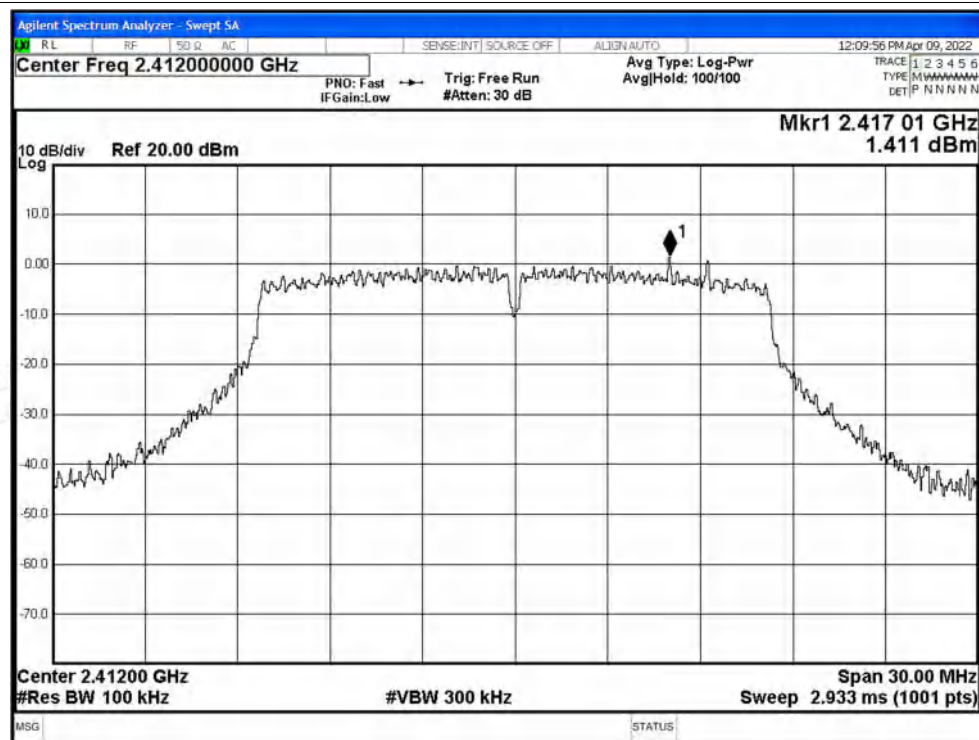


Band Edge NVNT b 2462MHz Ant0 Emission





Band Edge NVNT g 2412MHz Ant0 Ref

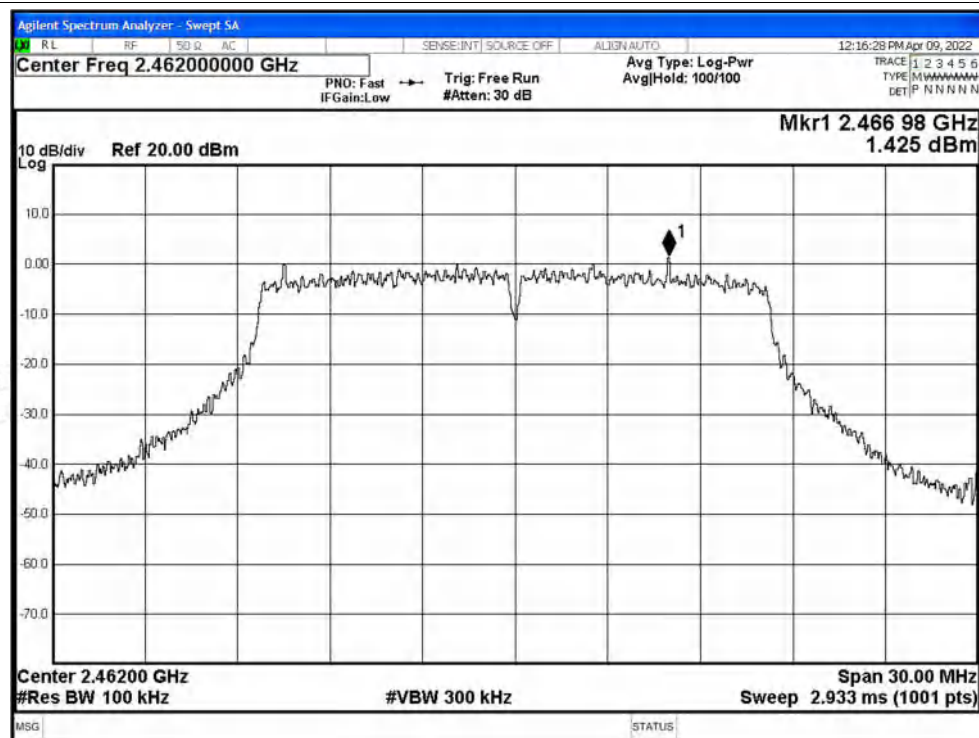


Band Edge NVNT g 2412MHz Ant0 Emission

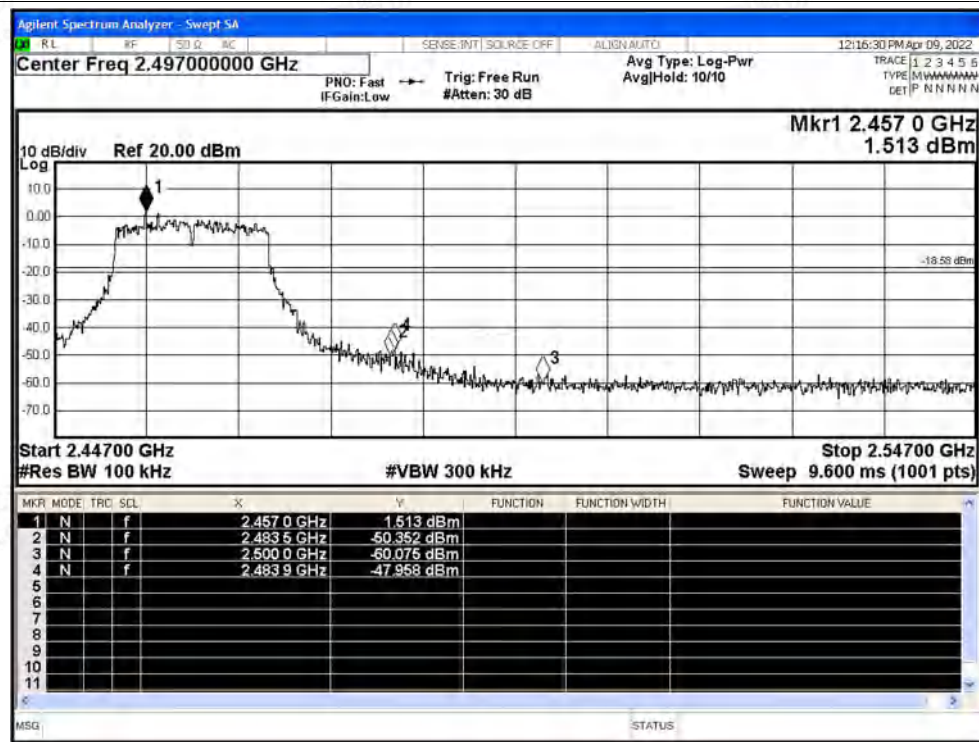




Band Edge NVNT g 2462MHz Ant0 Ref

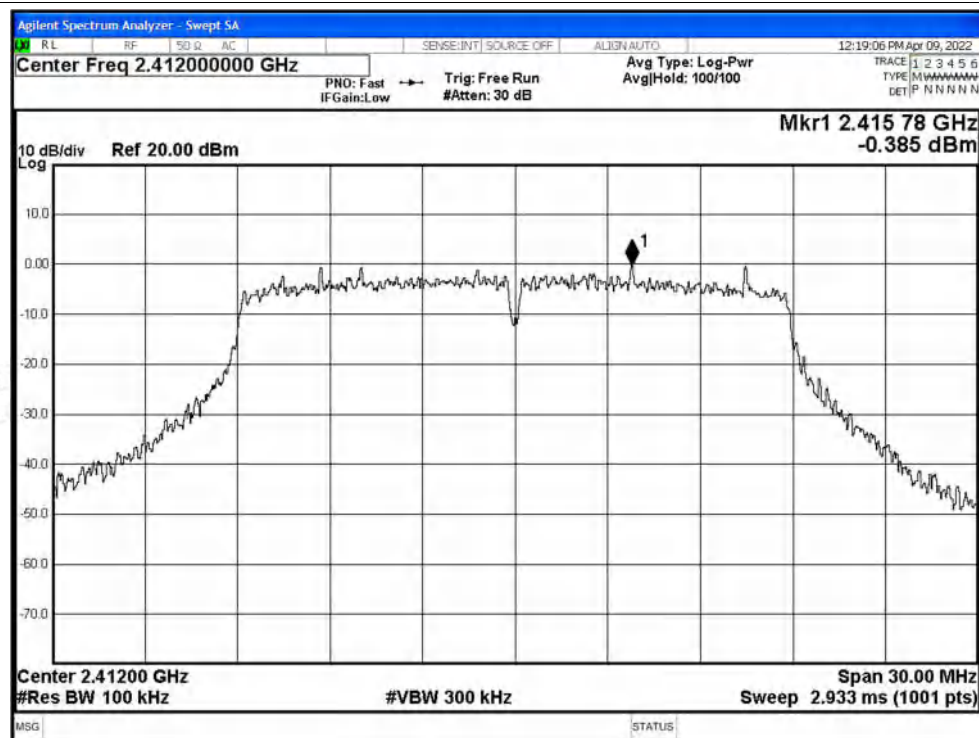


Band Edge NVNT g 2462MHz Ant0 Emission

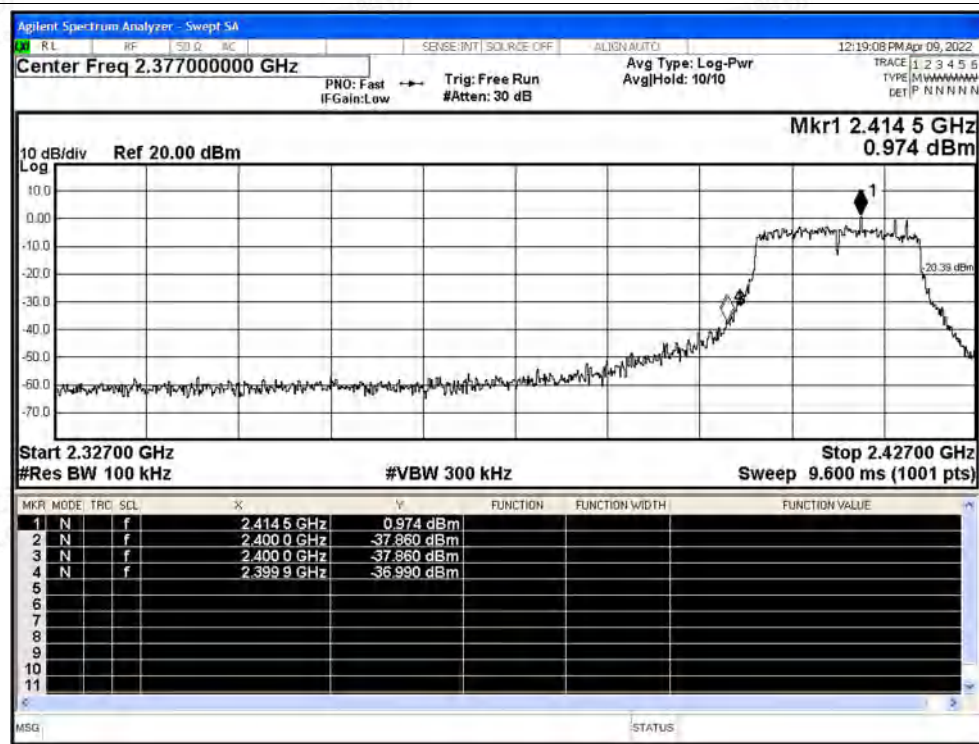




Band Edge NVNT n20 2412MHz Ant0 Ref

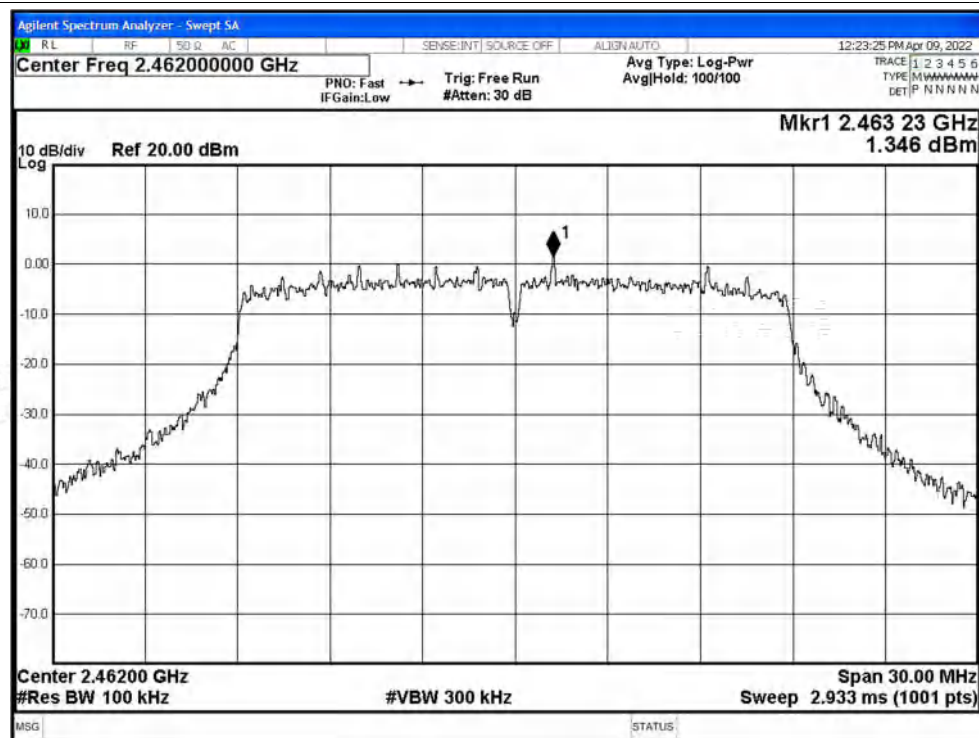


Band Edge NVNT n20 2412MHz Ant0 Emission

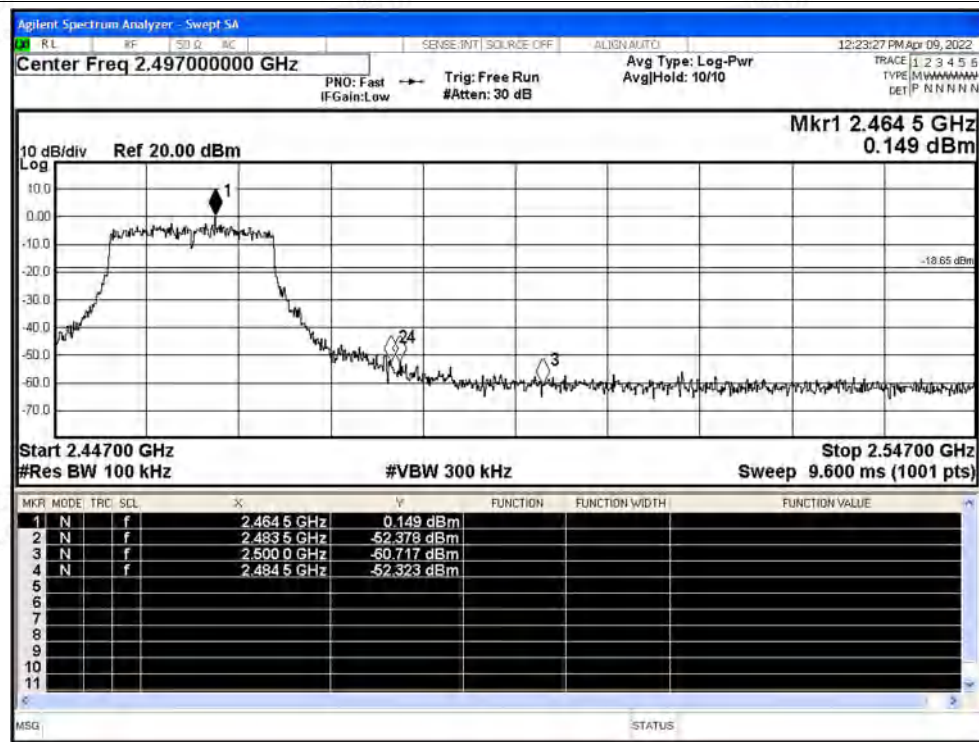




Band Edge NVNT n20 2462MHz Ant0 Ref



Band Edge NVNT n20 2462MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

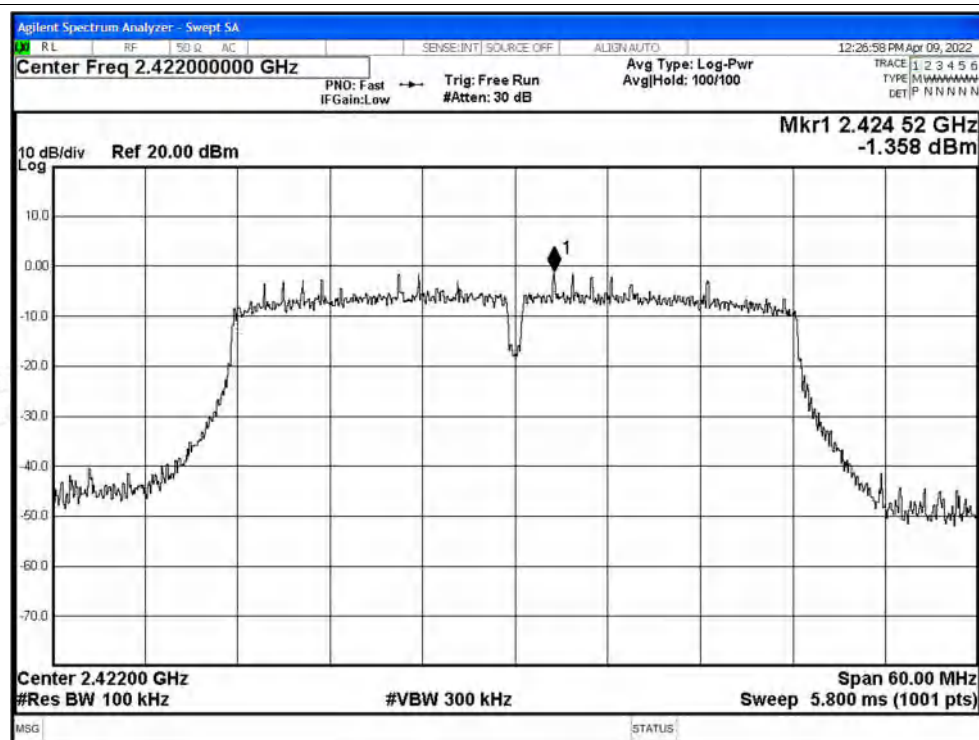
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

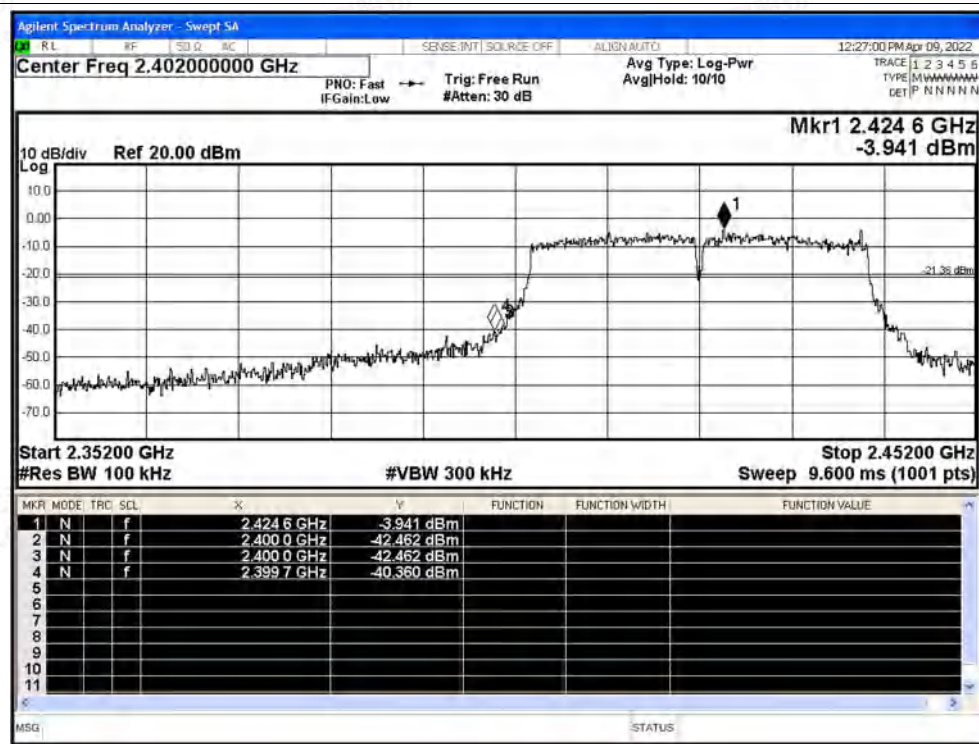
Scan code to check authenticity



Band Edge NVNT n40 2422MHz Ant0 Ref

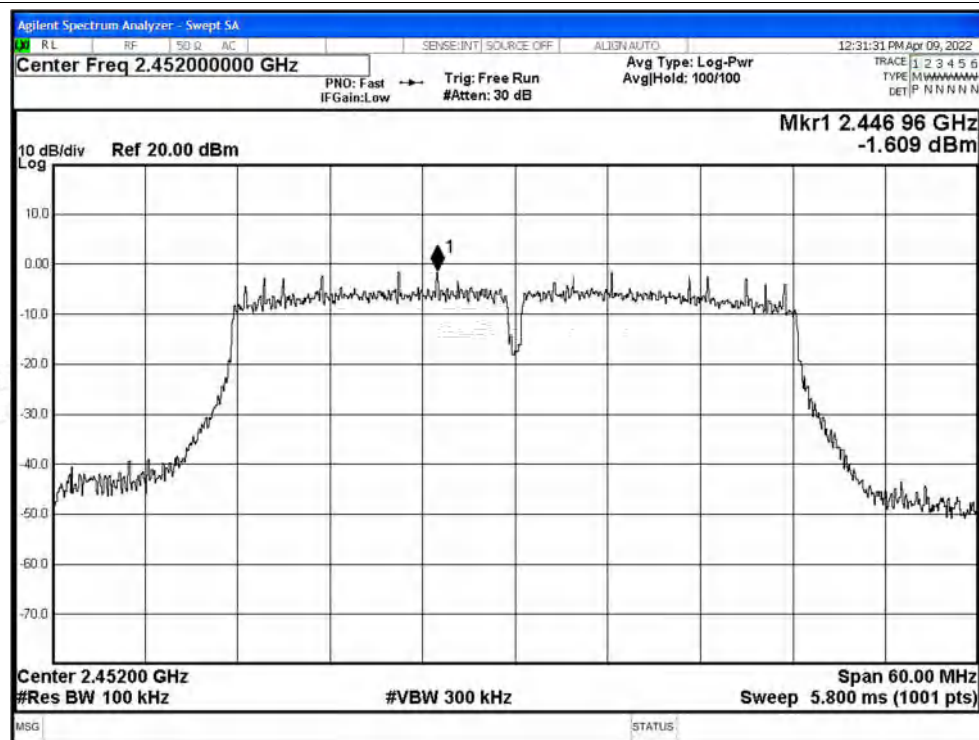


Band Edge NVNT n40 2422MHz Ant0 Emission

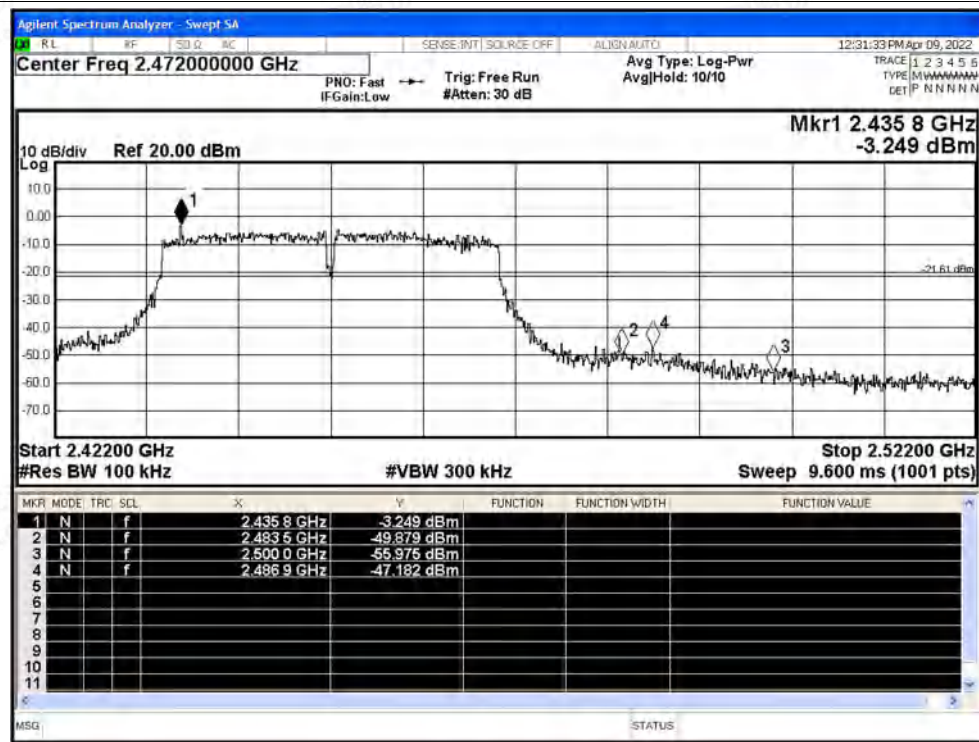




Band Edge NVNT n40 2452MHz Ant0 Ref



Band Edge NVNT n40 2452MHz Ant0 Emission





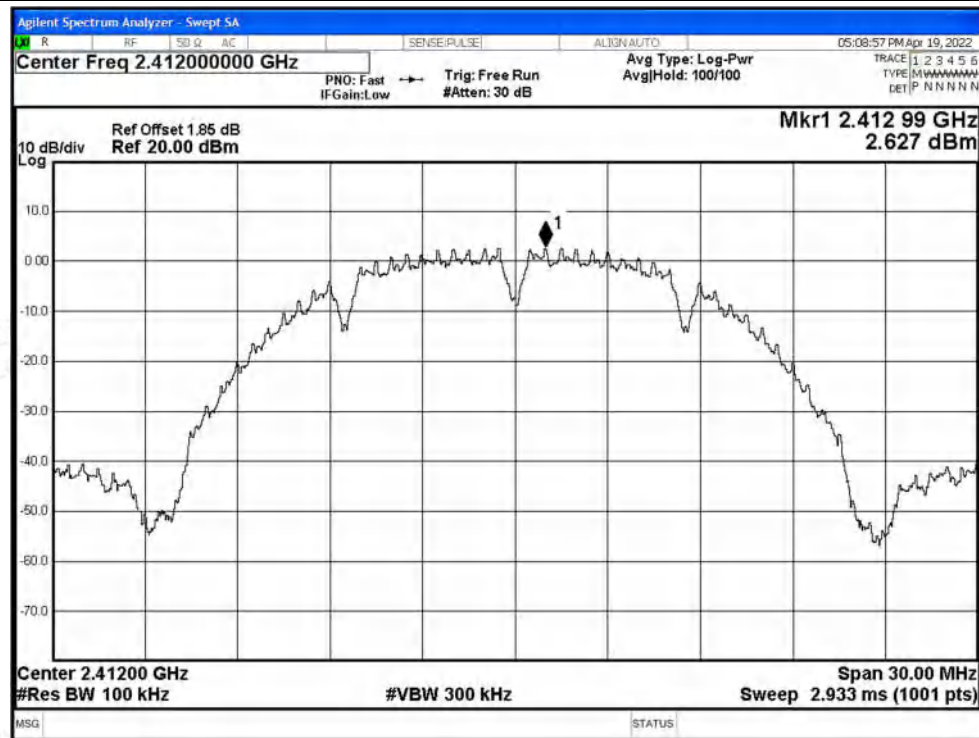
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-43.98	-20	Pass
NVNT	b	2462	Ant1	-58.83	-20	Pass
NVNT	g	2412	Ant1	-38.77	-20	Pass
NVNT	g	2462	Ant1	-49.85	-20	Pass
NVNT	n20	2412	Ant1	-36.68	-20	Pass
NVNT	n20	2462	Ant1	-52.65	-20	Pass
NVNT	n40	2422	Ant1	-36.28	-20	Pass
NVNT	n40	2452	Ant1	-47.32	-20	Pass





Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

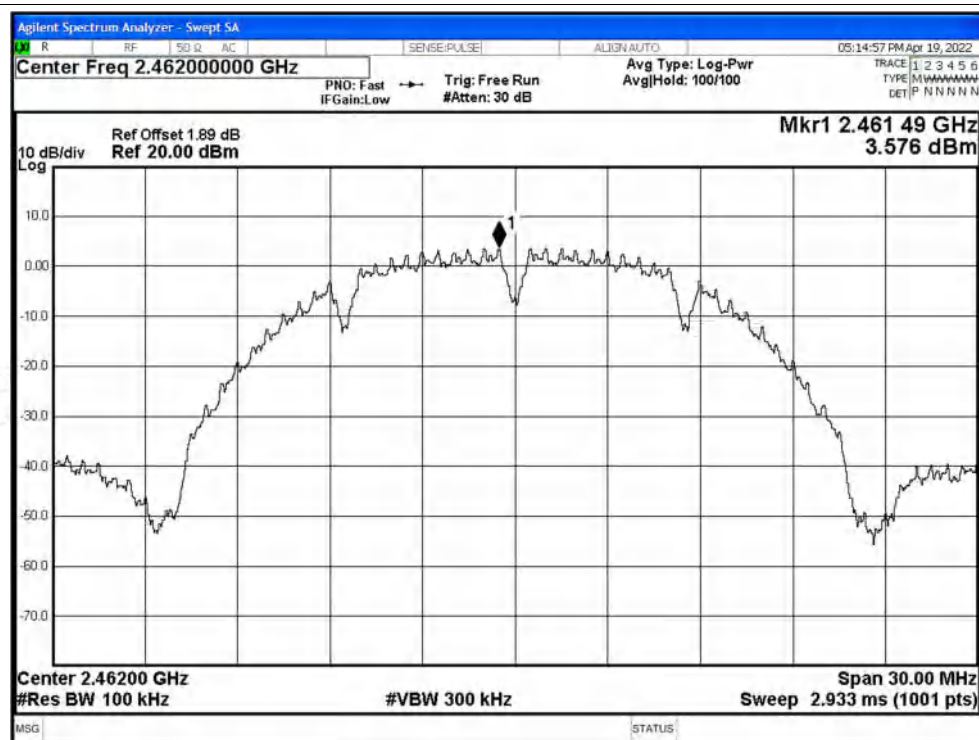
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

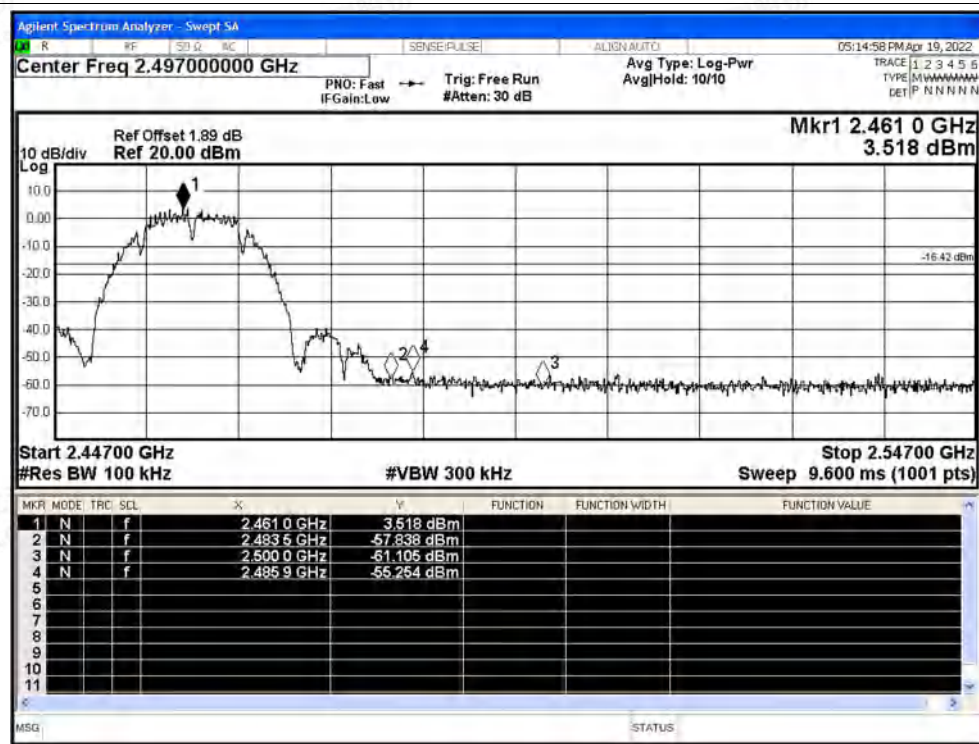
Scan code to check authenticity



Band Edge NVNT b 2462MHz Ant1 Ref

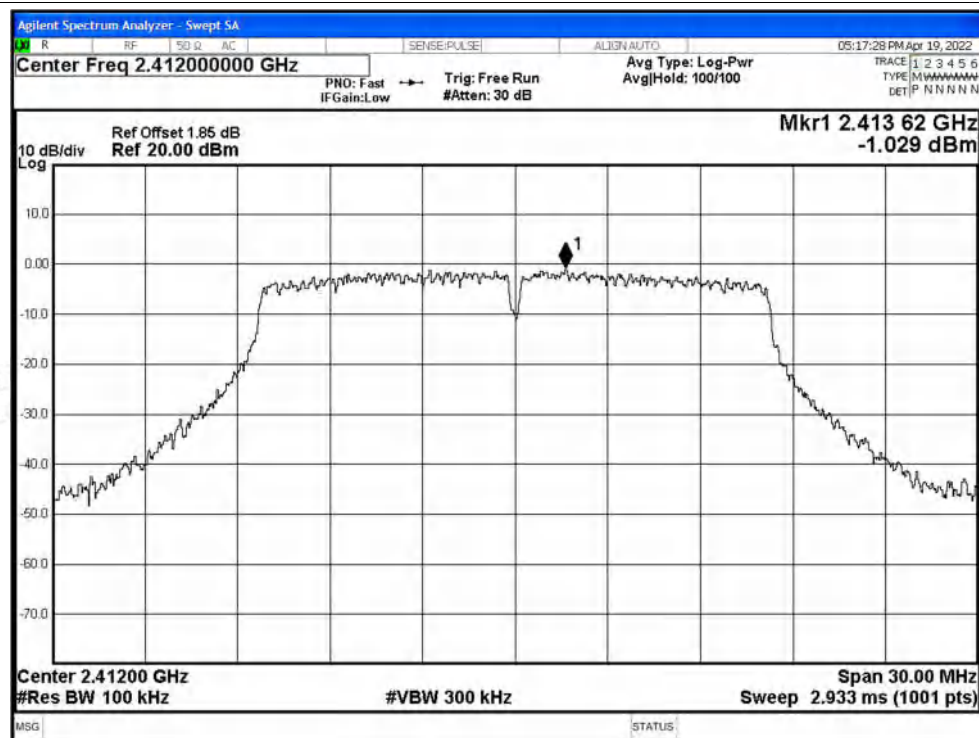


Band Edge NVNT b 2462MHz Ant1 Emission

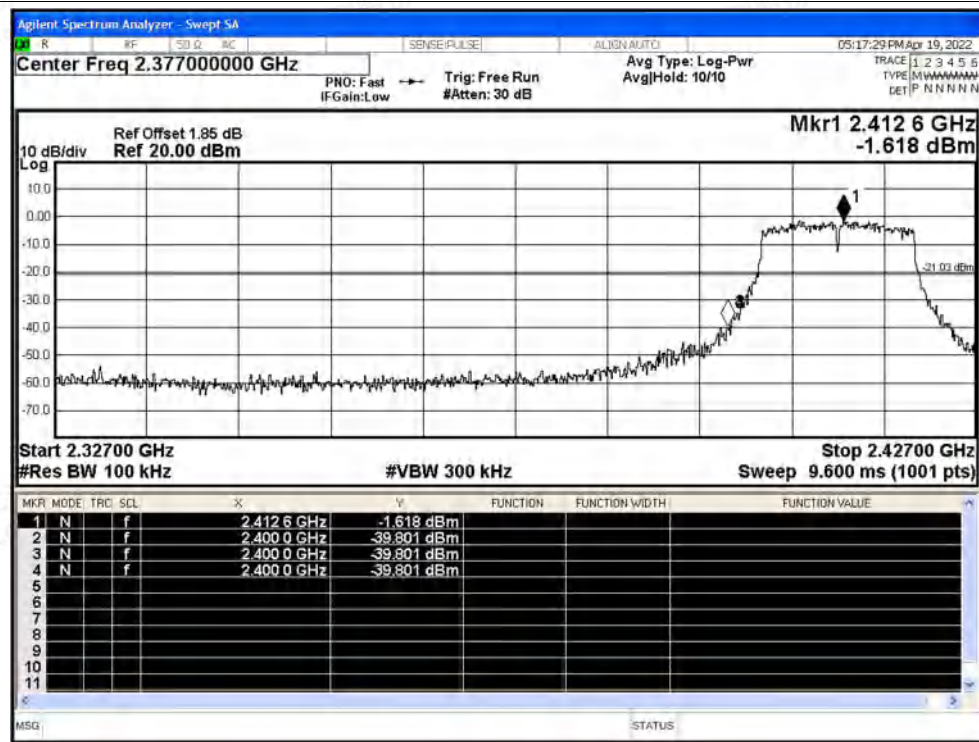




Band Edge NVNT g 2412MHz Ant1 Ref

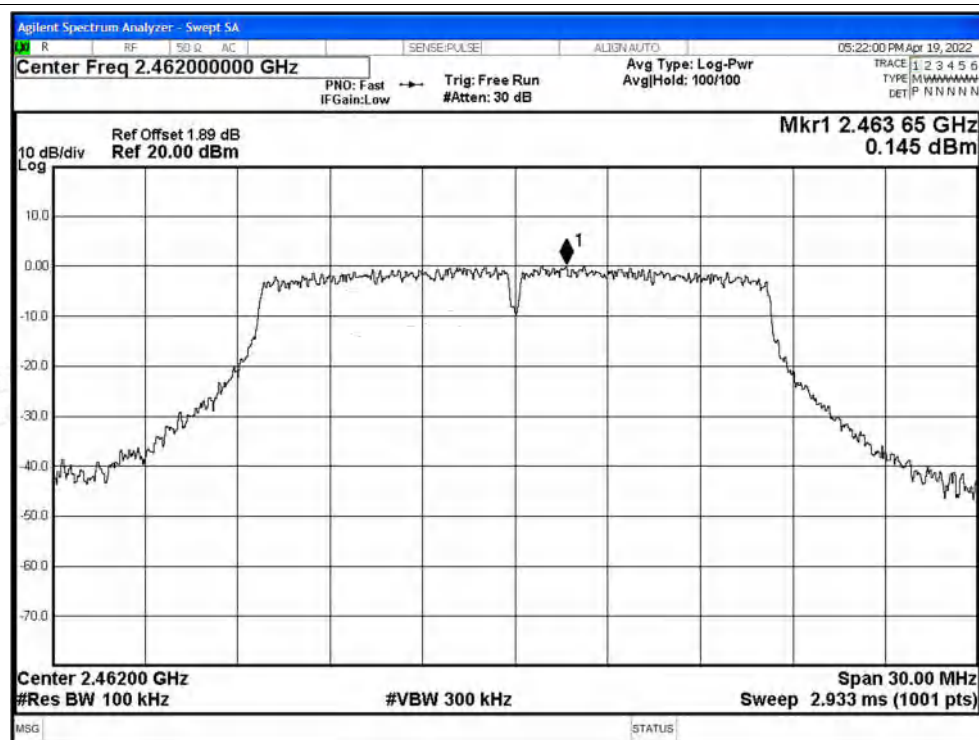


Band Edge NVNT g 2412MHz Ant1 Emission

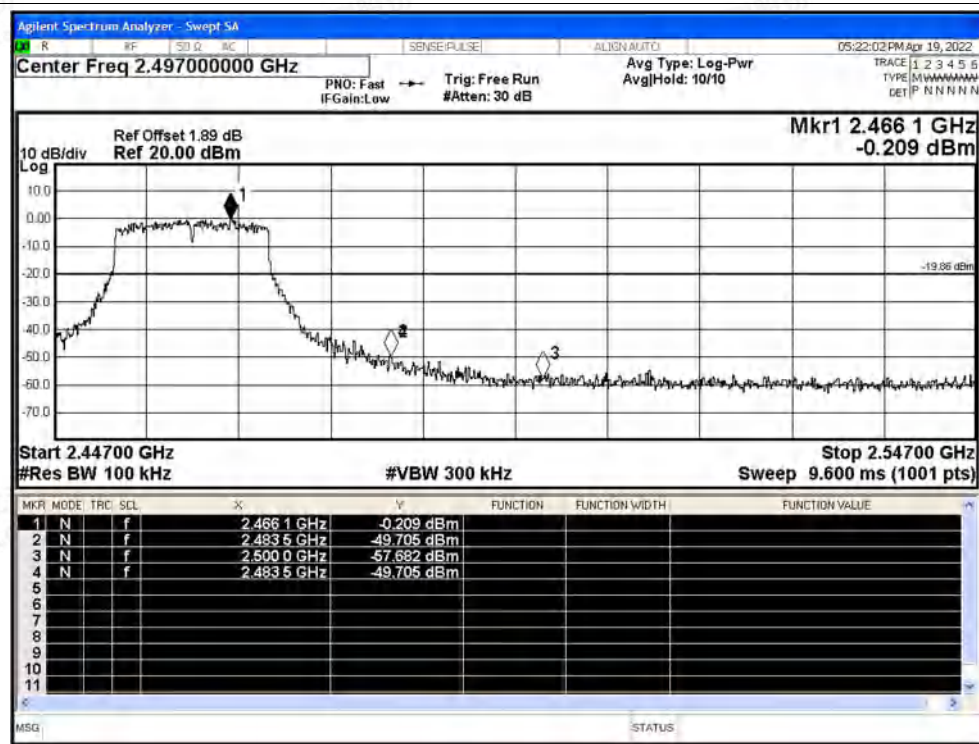




Band Edge NVNT g 2462MHz Ant1 Ref

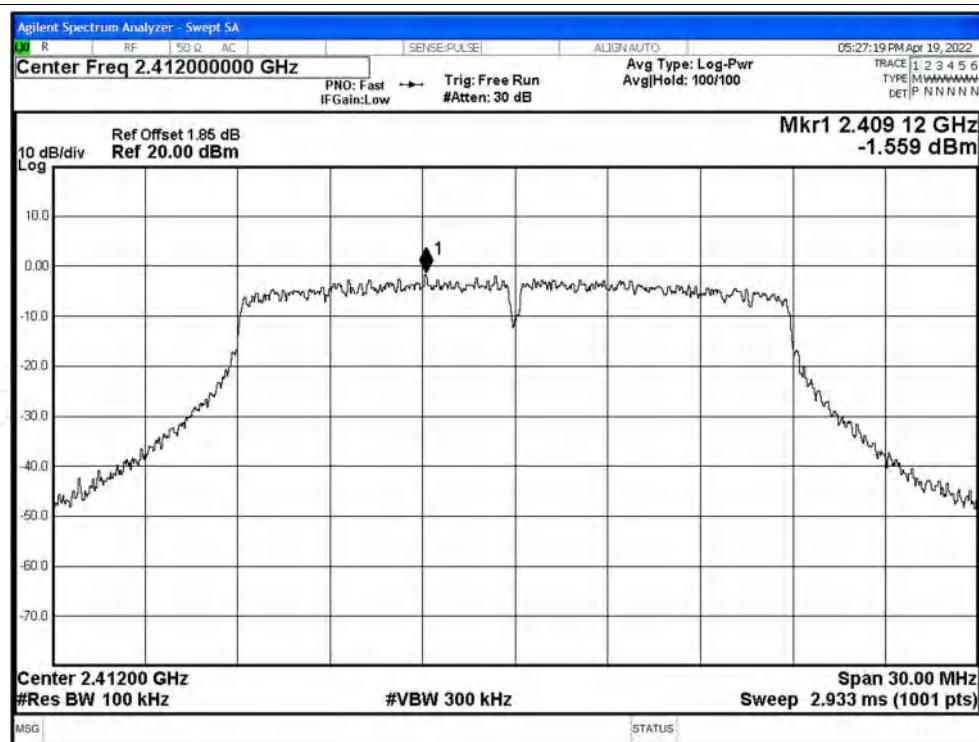


Band Edge NVNT g 2462MHz Ant1 Emission





Band Edge NVNT n20 2412MHz Ant1 Ref

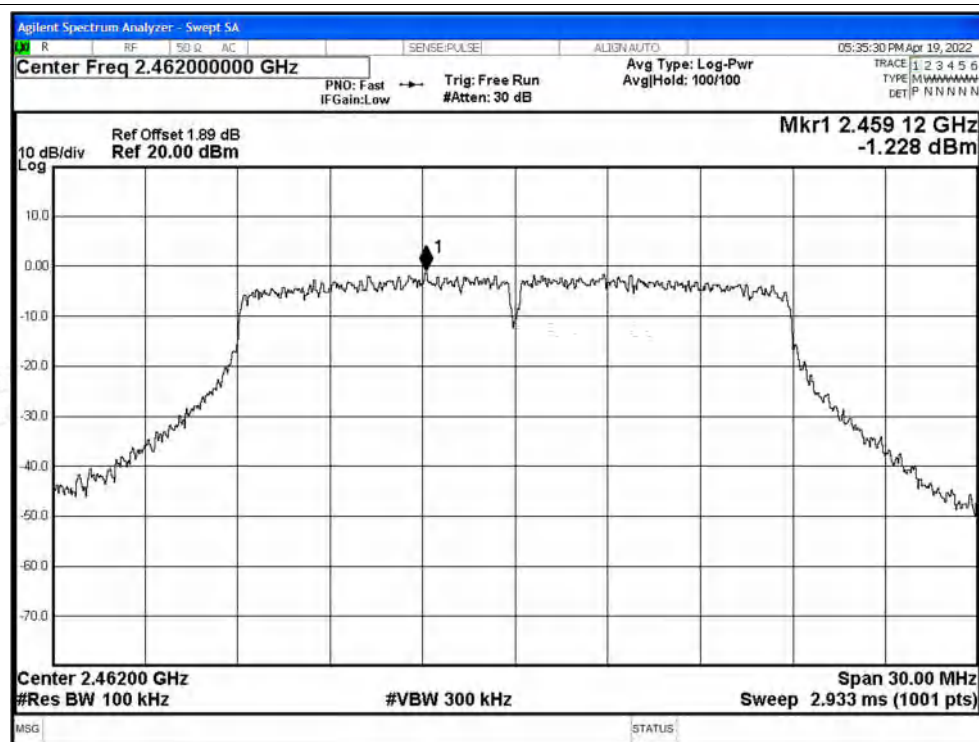


Band Edge NVNT n20 2412MHz Ant1 Emission

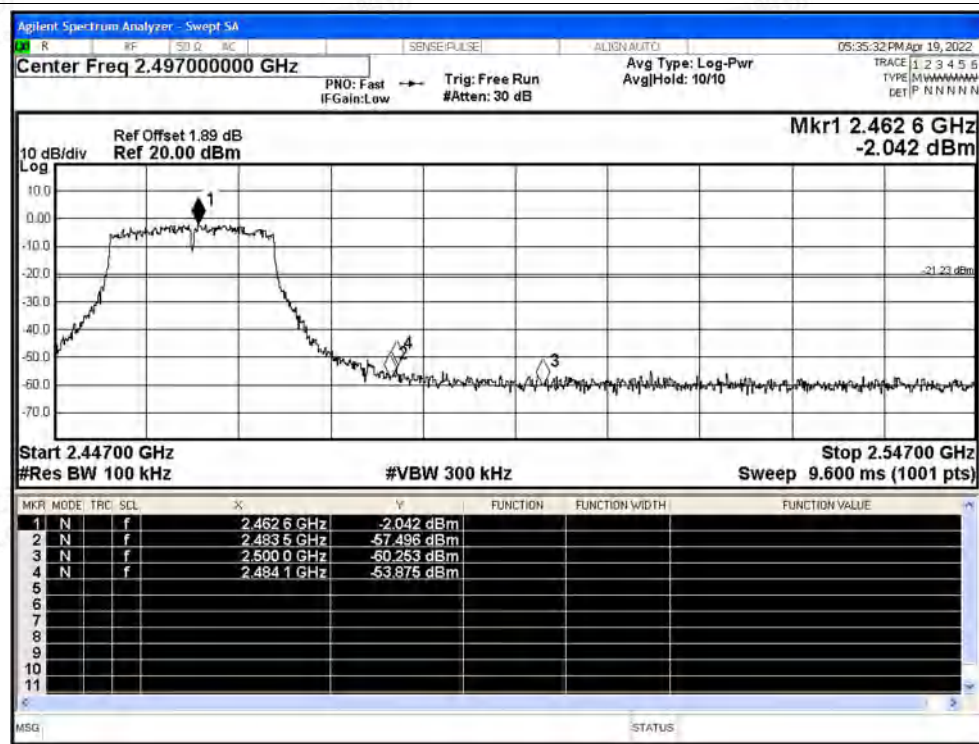




Band Edge NVNT n20 2462MHz Ant1 Ref

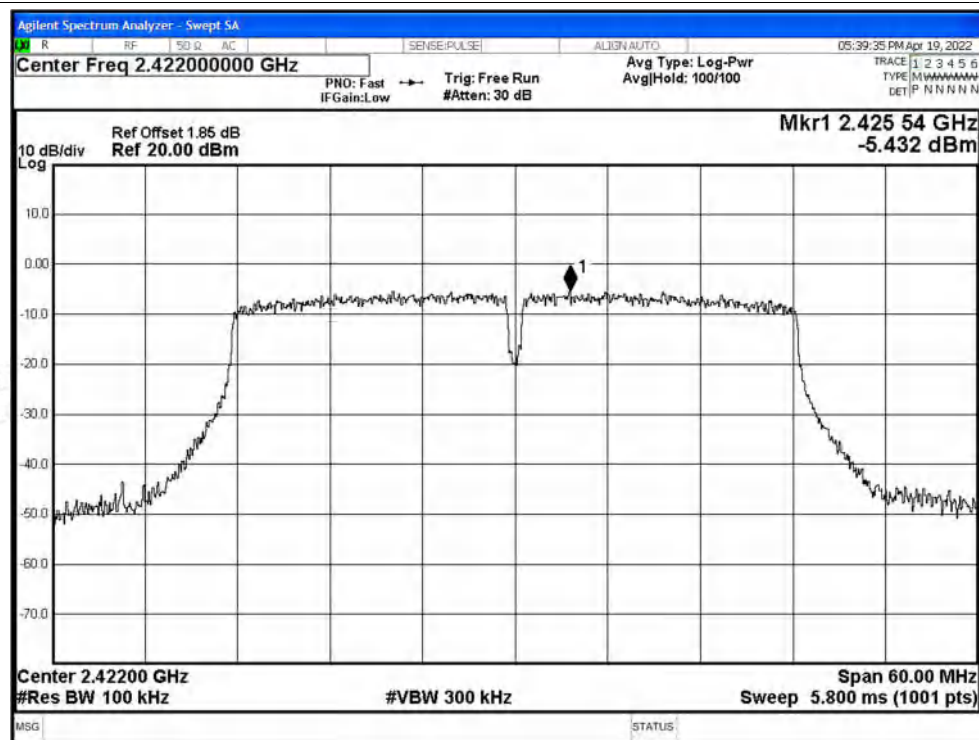


Band Edge NVNT n20 2462MHz Ant1 Emission

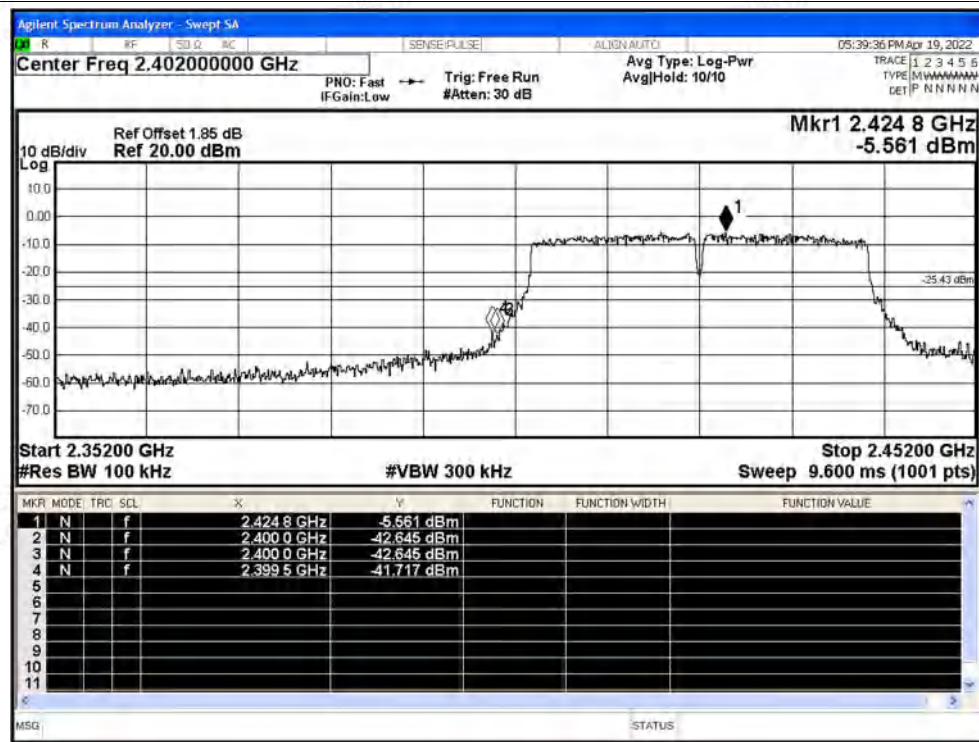




Band Edge NVNT n40 2422MHz Ant1 Ref

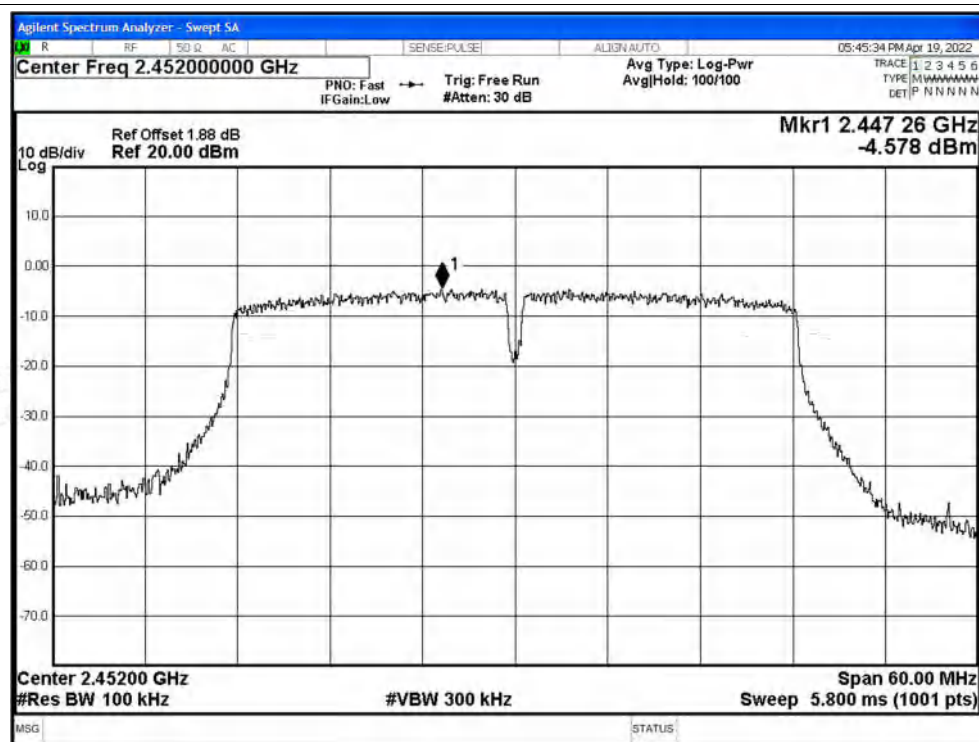


Band Edge NVNT n40 2422MHz Ant1 Emission

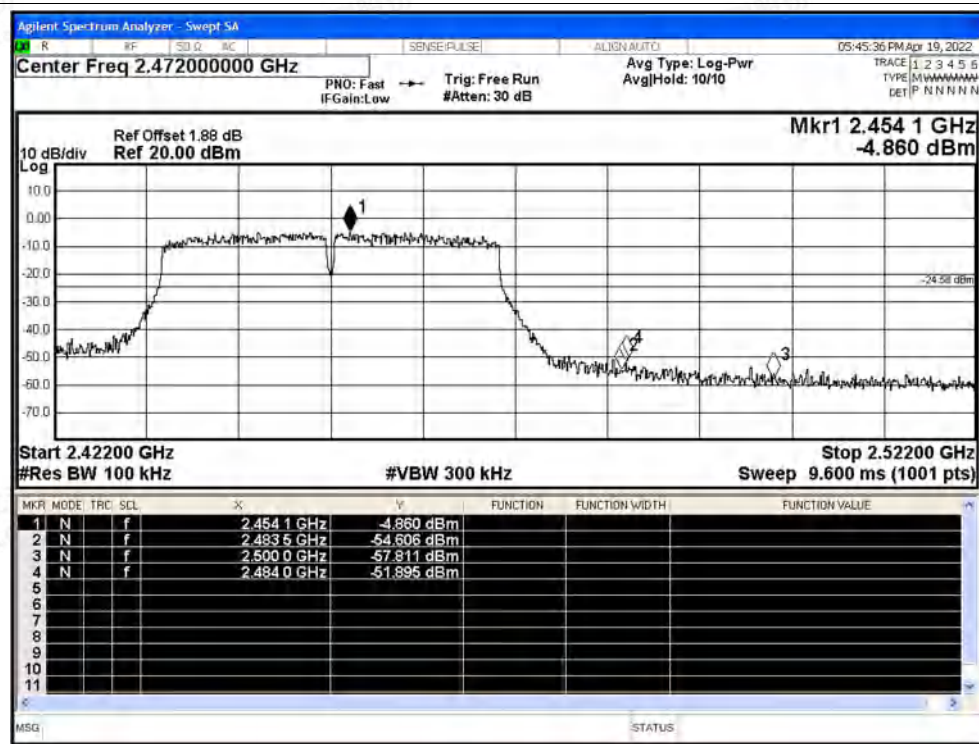




Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission





C.5 Conducted RF Spurious Emission

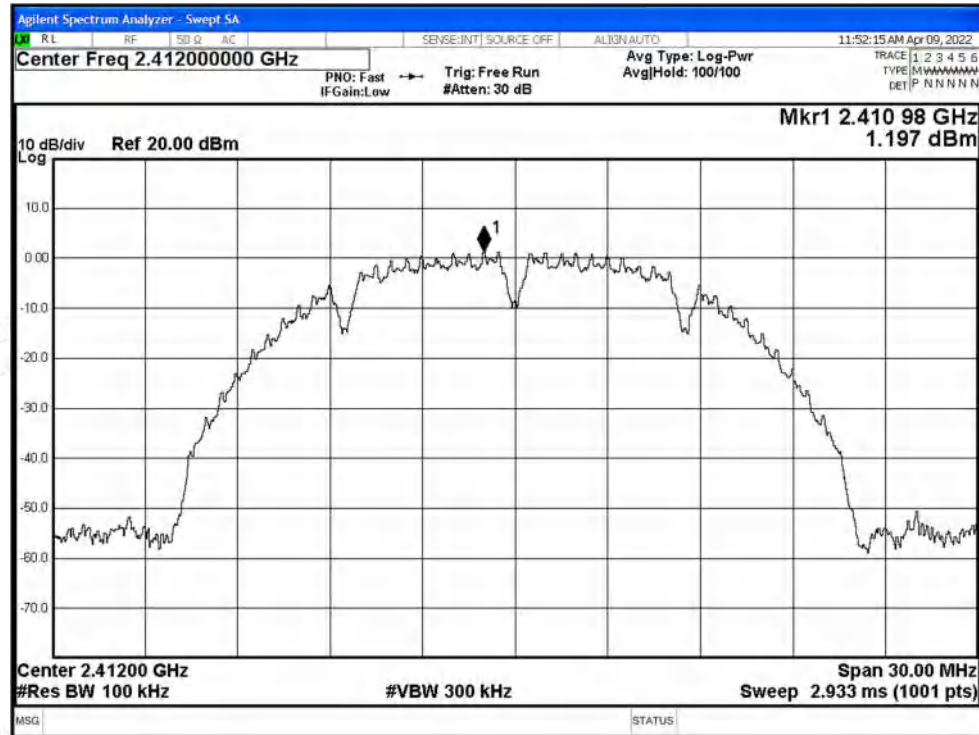
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant0	-49.16	-20	Pass
NVNT	b	2462	Ant0	-45.16	-20	Pass
NVNT	g	2412	Ant0	-49	-20	Pass
NVNT	g	2462	Ant0	-49.02	-20	Pass
NVNT	n20	2412	Ant0	-47.96	-20	Pass
NVNT	n20	2462	Ant0	-47.99	-20	Pass
NVNT	n40	2422	Ant0	-45.33	-20	Pass
NVNT	n40	2452	Ant0	-45.88	-20	Pass



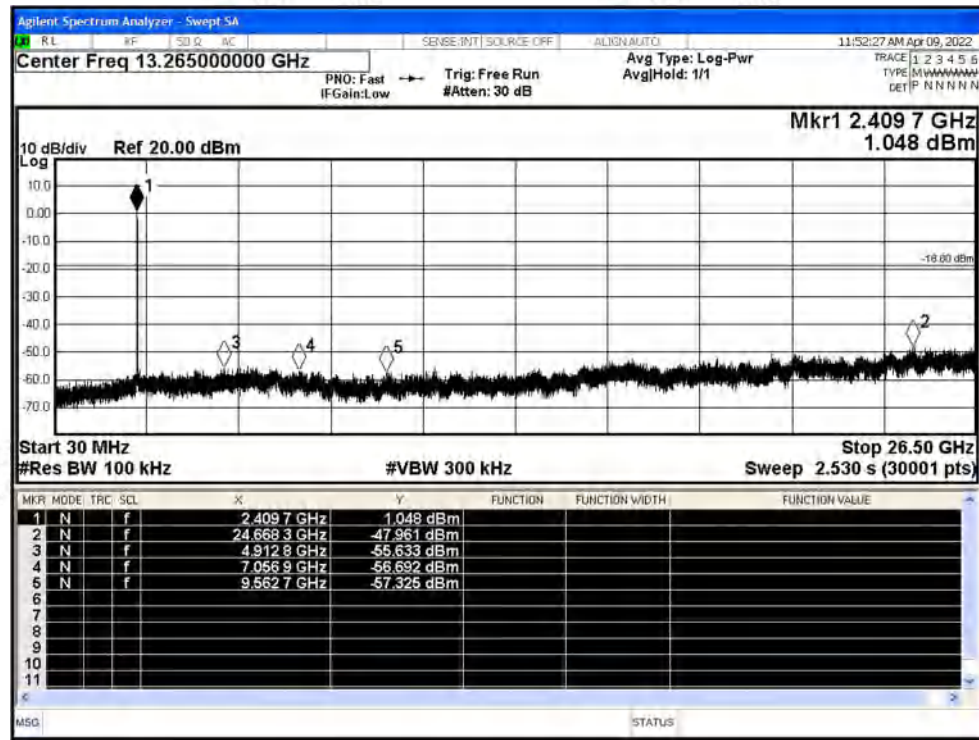


Test Graphs

Tx. Spurious NVNT b 2412MHz Ant0 Ref



Tx. Spurious NVNT b 2412MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

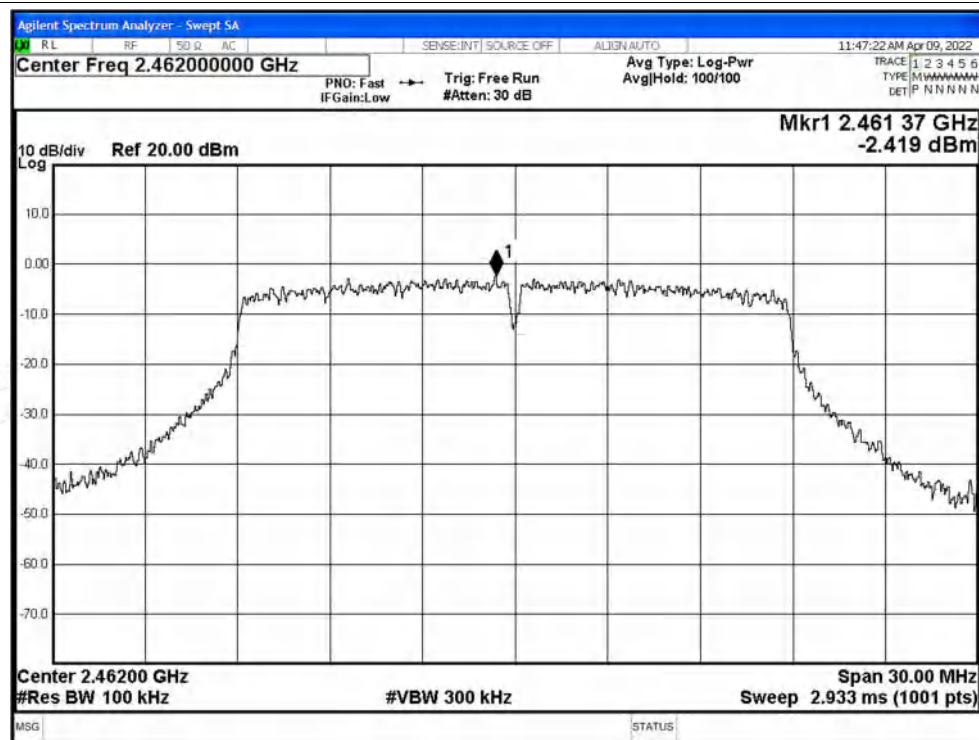
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

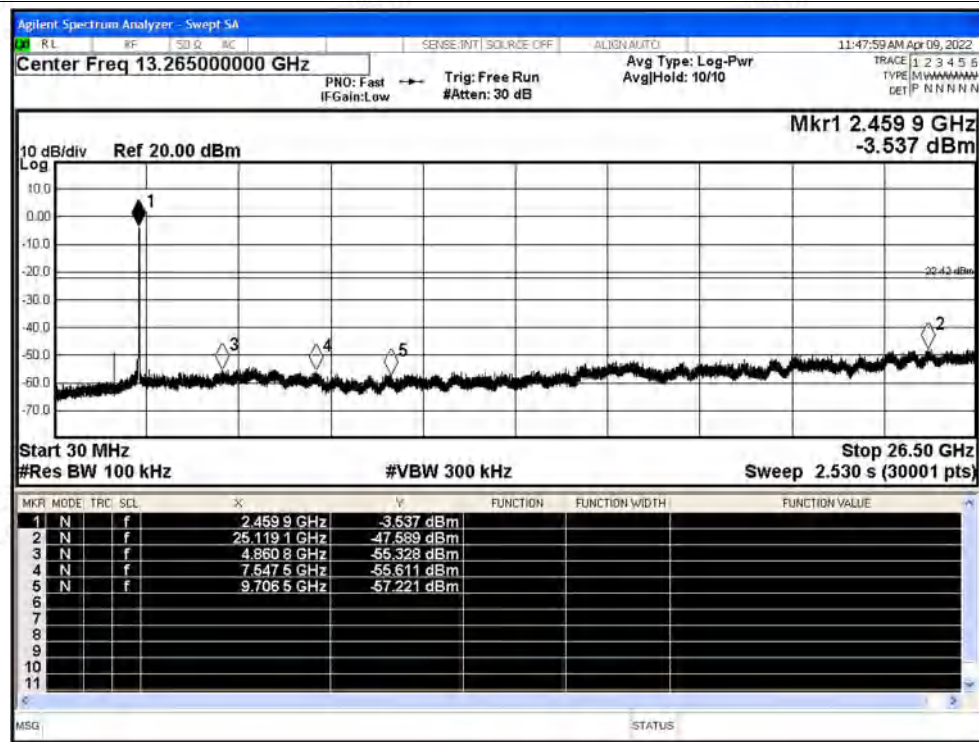
Scan code to check authenticity



Tx. Spurious NVNT b 2462MHz Ant0 Ref

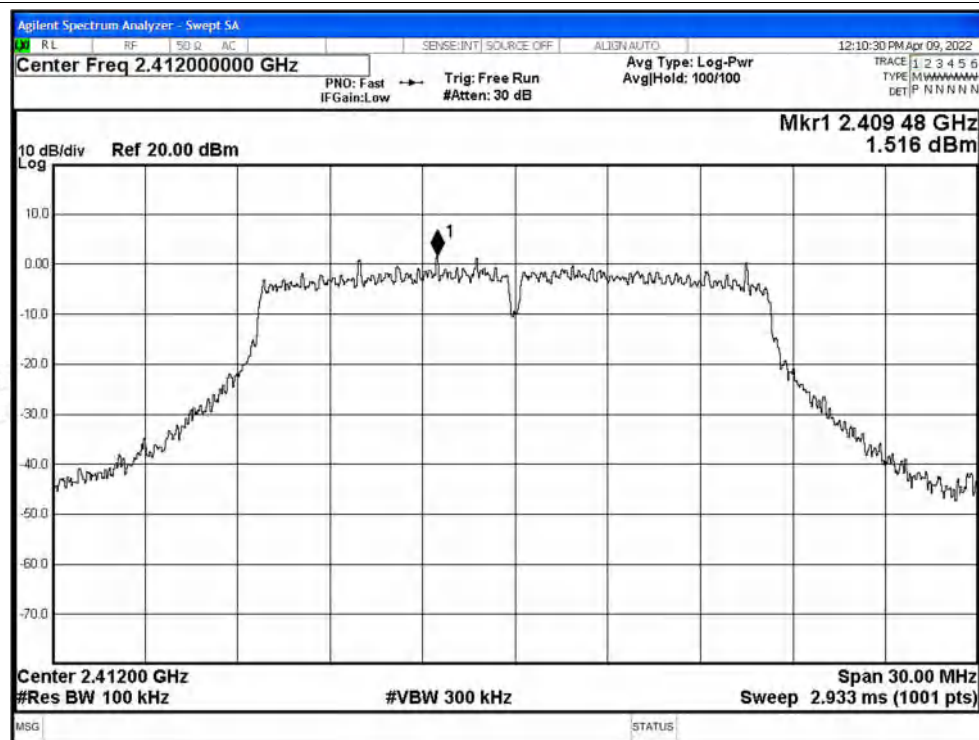


Tx. Spurious NVNT b 2462MHz Ant0 Emission

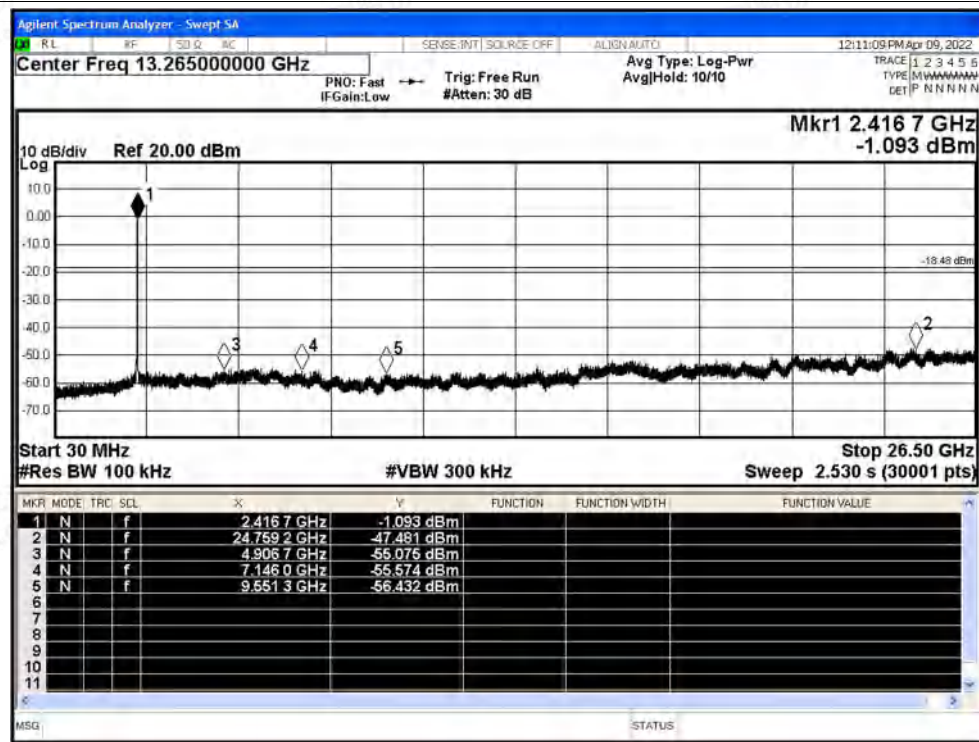




Tx. Spurious NVNT g 2412MHz Ant0 Ref

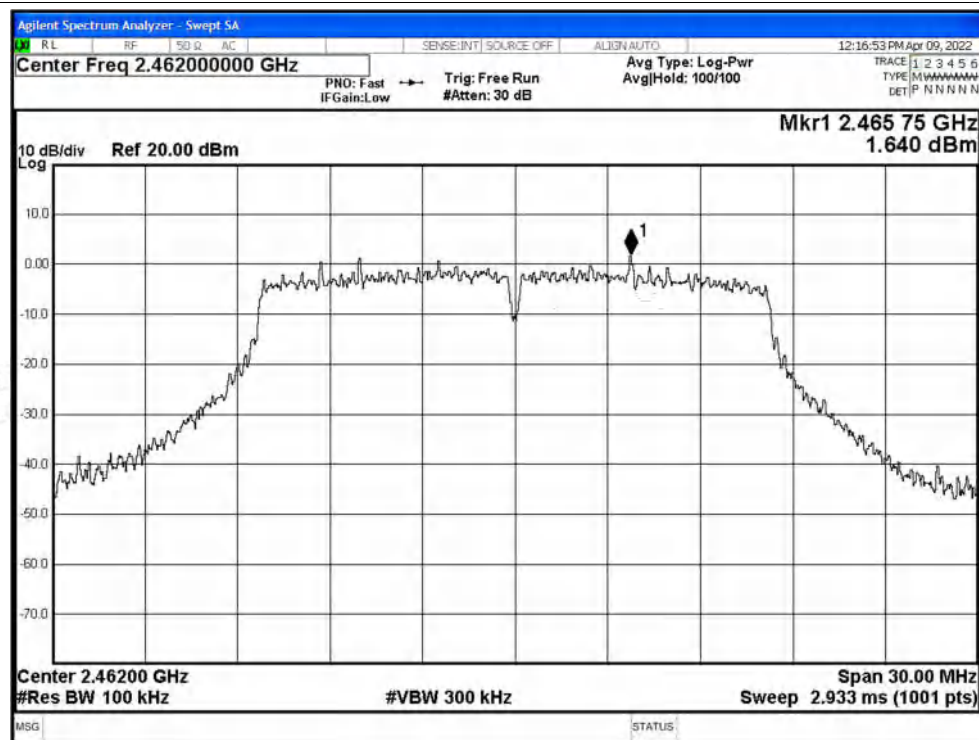


Tx. Spurious NVNT g 2412MHz Ant0 Emission

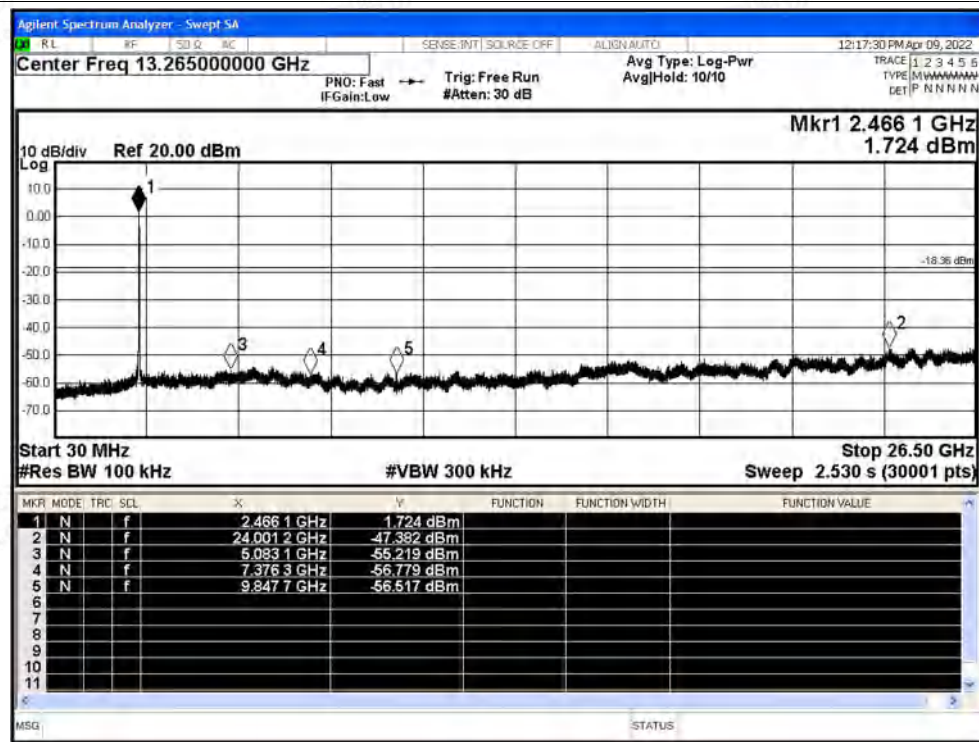




Tx. Spurious NVNT g 2462MHz Ant0 Ref



Tx. Spurious NVNT g 2462MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

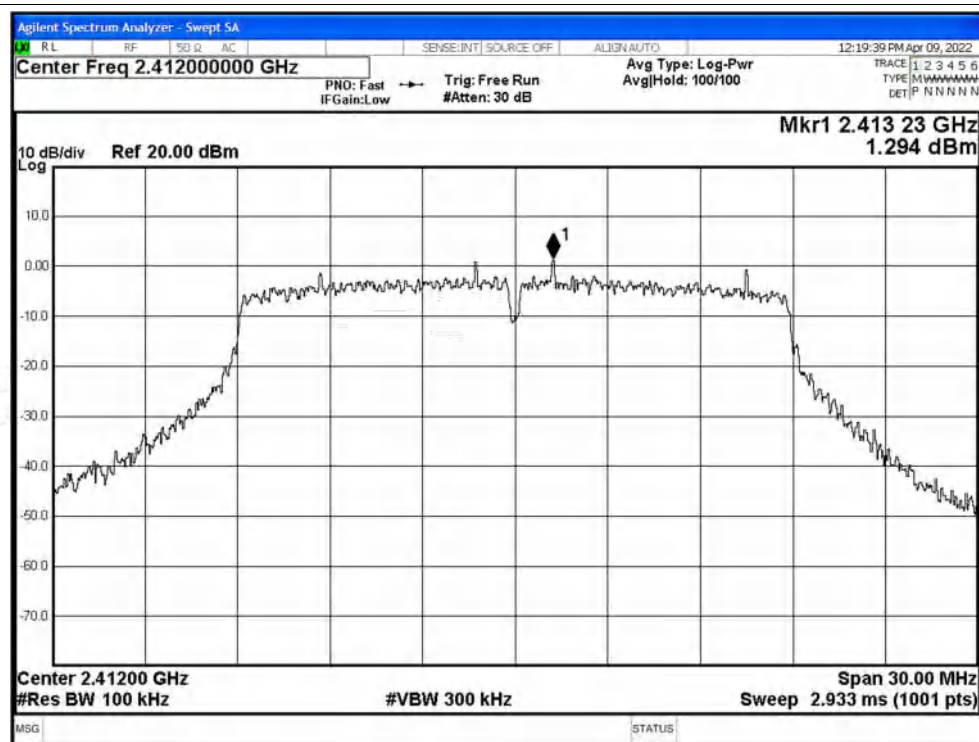
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

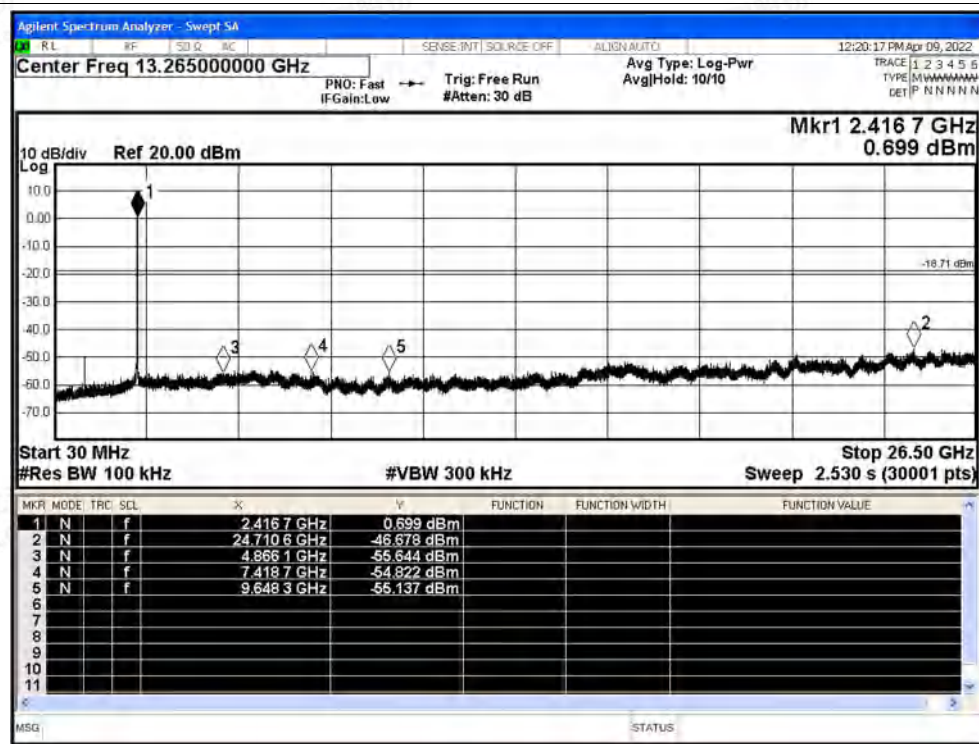
Scan code to check authenticity



Tx. Spurious NVNT n20 2412MHz Ant0 Ref

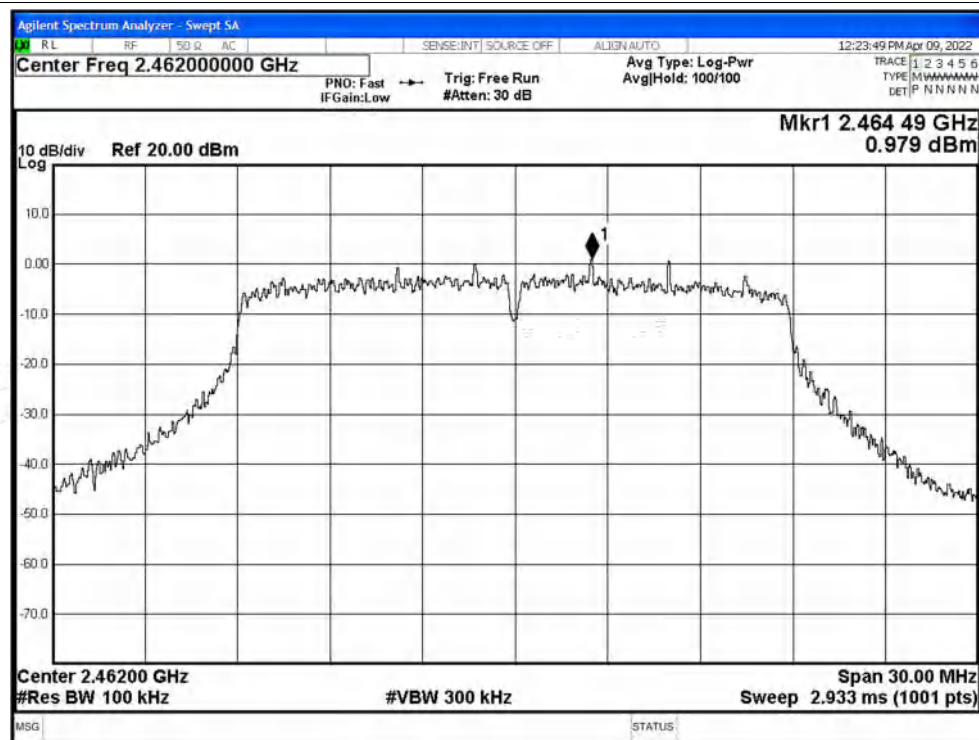


Tx. Spurious NVNT n20 2412MHz Ant0 Emission

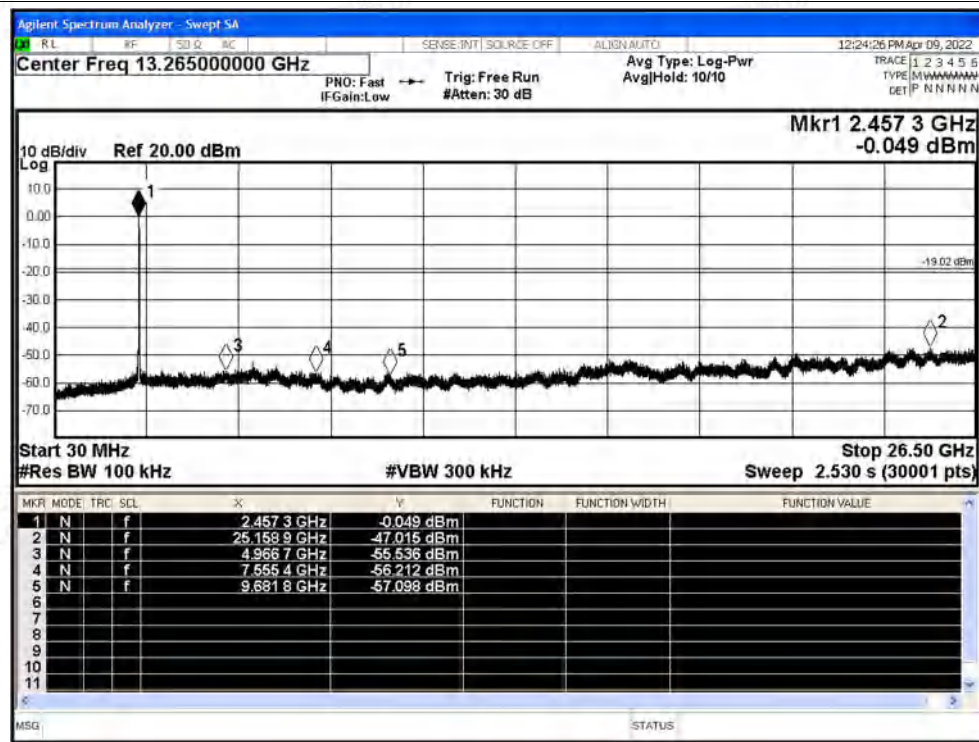




Tx. Spurious NVNT n20 2462MHz Ant0 Ref

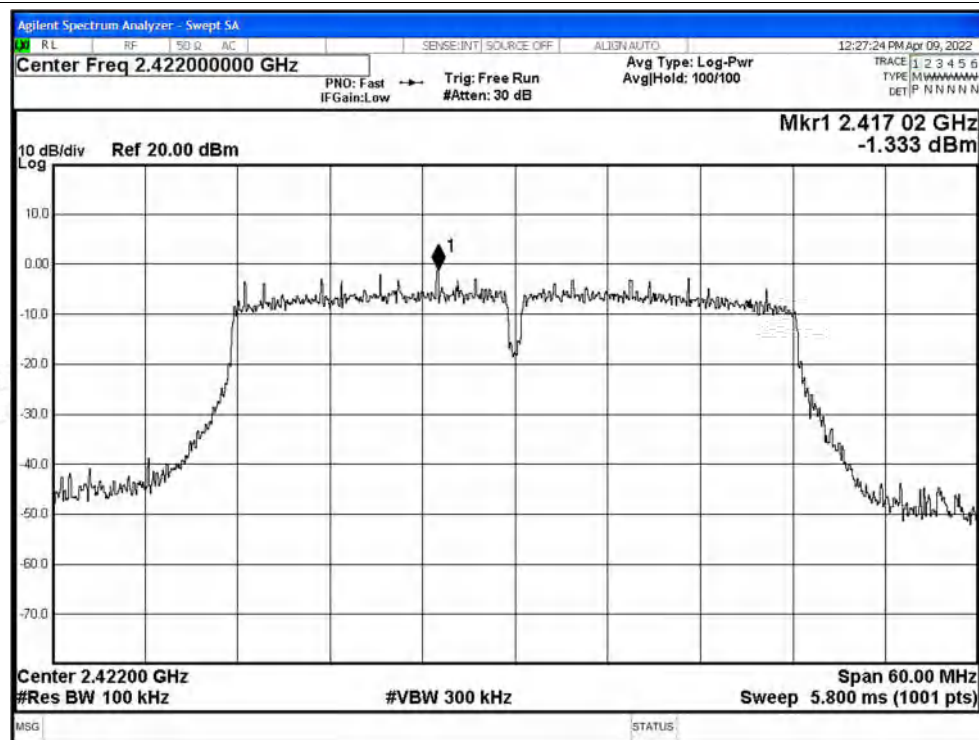


Tx. Spurious NVNT n20 2462MHz Ant0 Emission

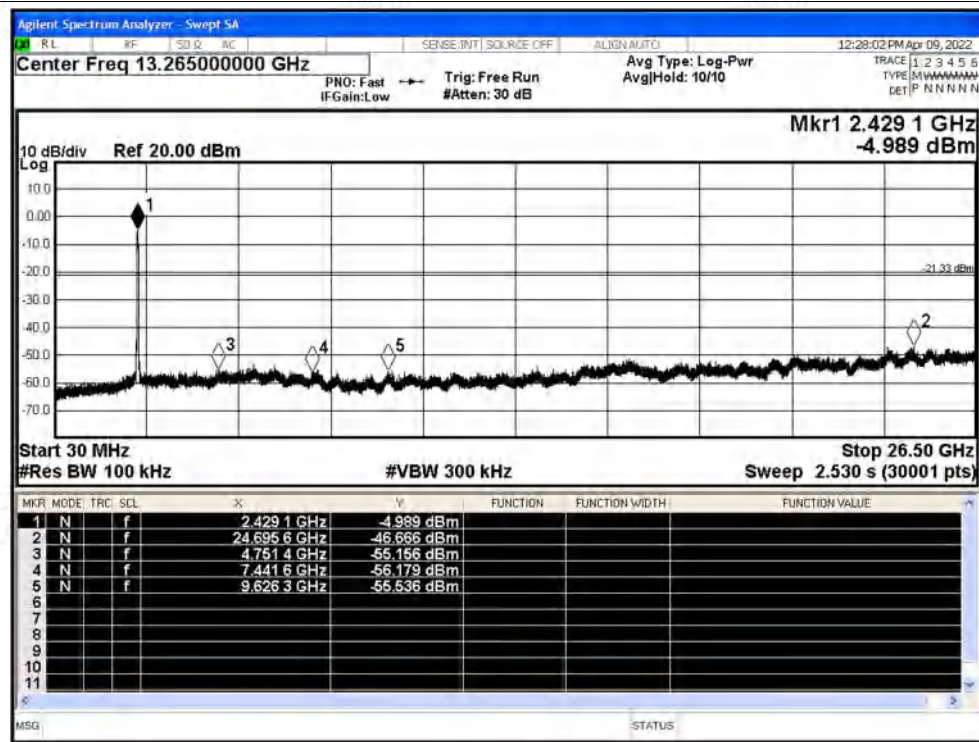




Tx. Spurious NVNT n40 2422MHz Ant0 Ref

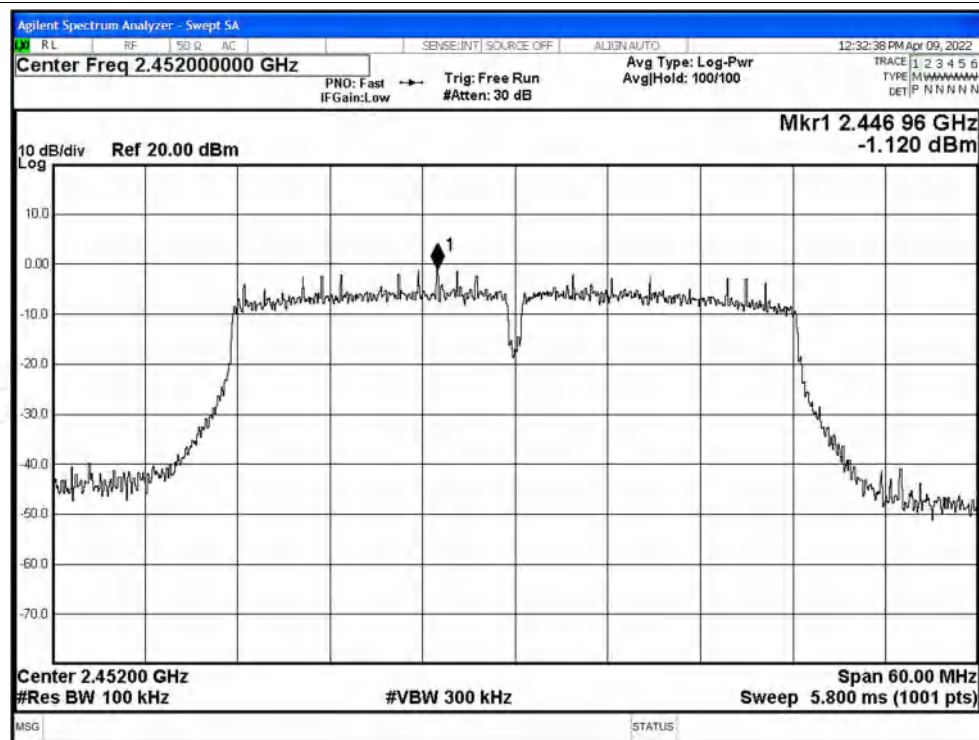


Tx. Spurious NVNT n40 2422MHz Ant0 Emission

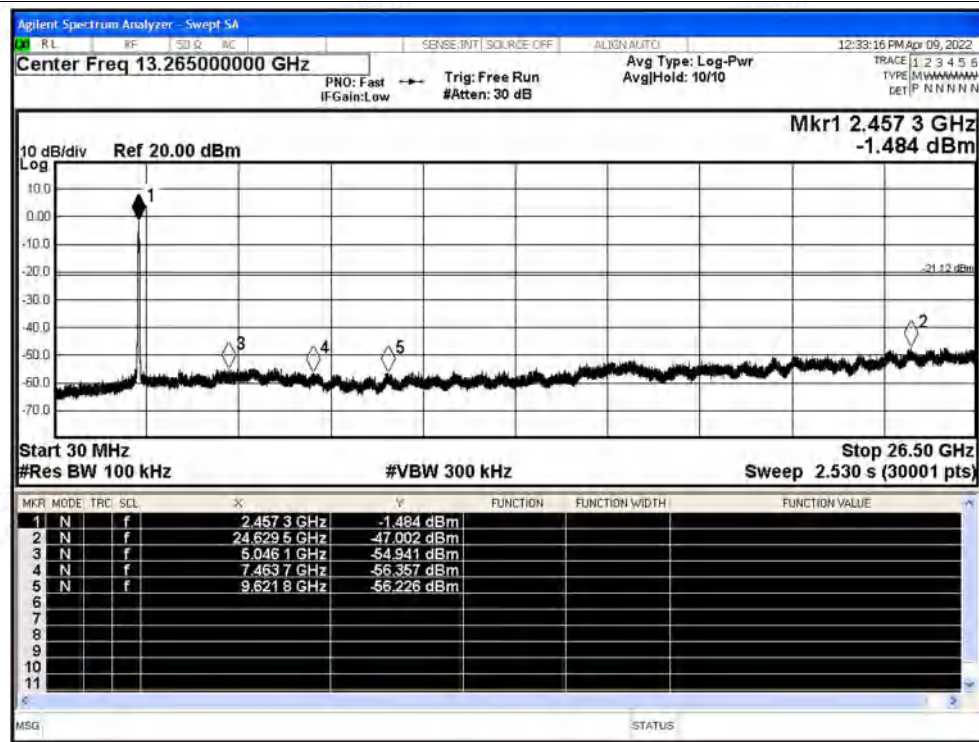




Tx. Spurious NVNT n40 2452MHz Ant0 Ref



Tx. Spurious NVNT n40 2452MHz Ant0 Emission





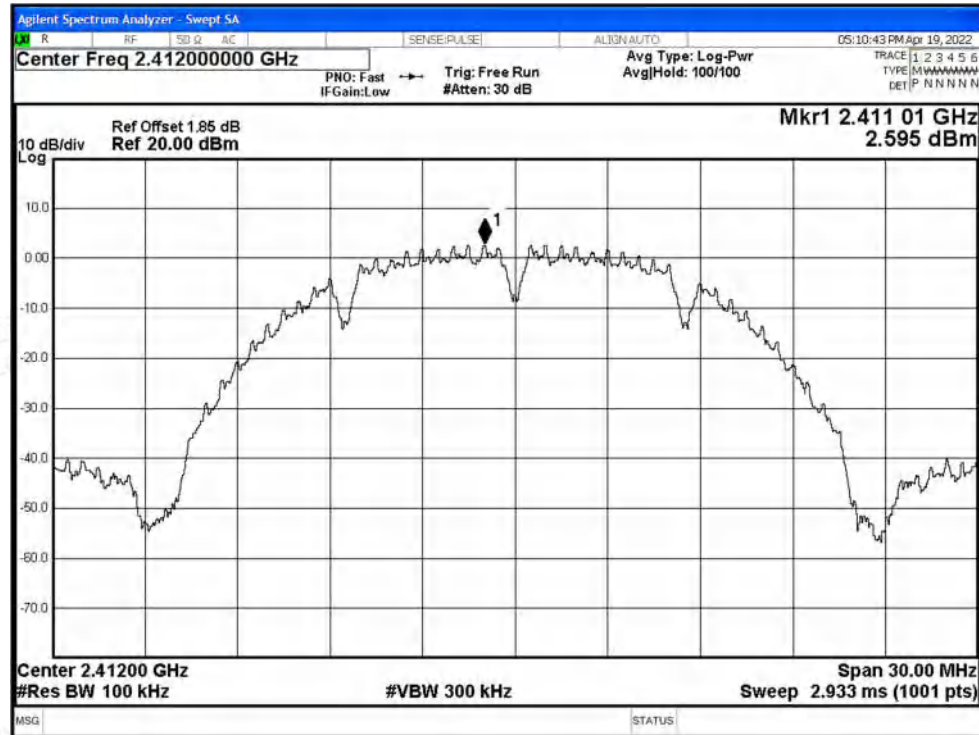
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.75	-20	Pass
NVNT	b	2437	Ant1	-48.36	-20	Pass
NVNT	b	2462	Ant1	-47.55	-20	Pass
NVNT	g	2412	Ant1	-44.51	-20	Pass
NVNT	g	2437	Ant1	-45.12	-20	Pass
NVNT	g	2462	Ant1	-32.89	-20	Pass
NVNT	n20	2412	Ant1	-44.06	-20	Pass
NVNT	n20	2437	Ant1	-44.86	-20	Pass
NVNT	n20	2462	Ant1	-45.54	-20	Pass
NVNT	n40	2422	Ant1	-41.08	-20	Pass
NVNT	n40	2437	Ant1	-41.48	-20	Pass
NVNT	n40	2452	Ant1	-41.06	-20	Pass



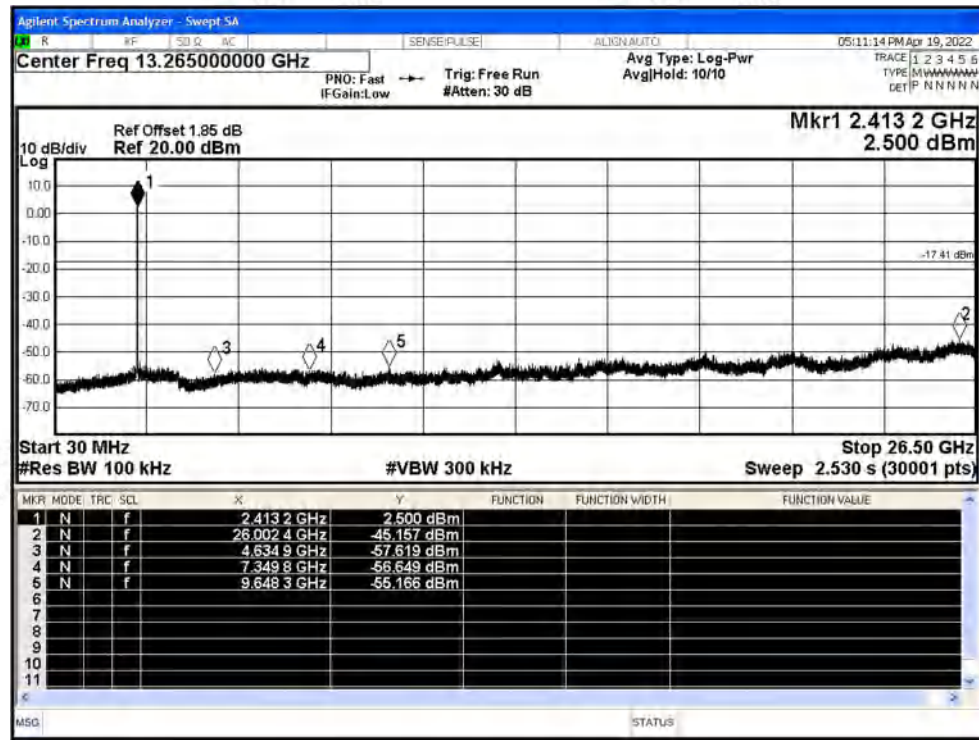


Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

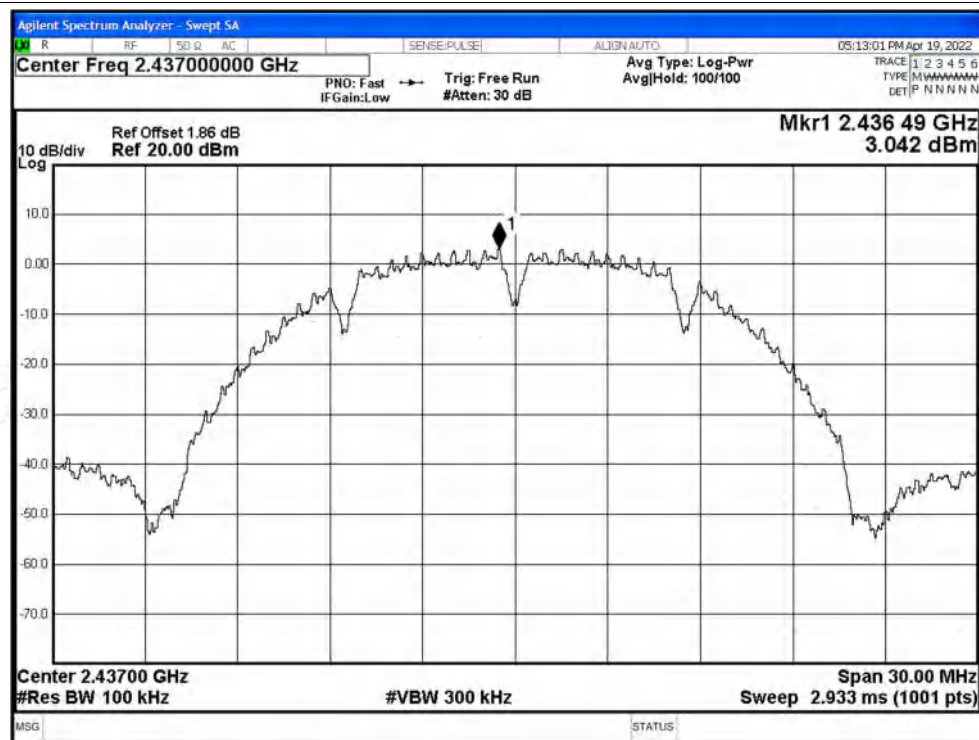
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

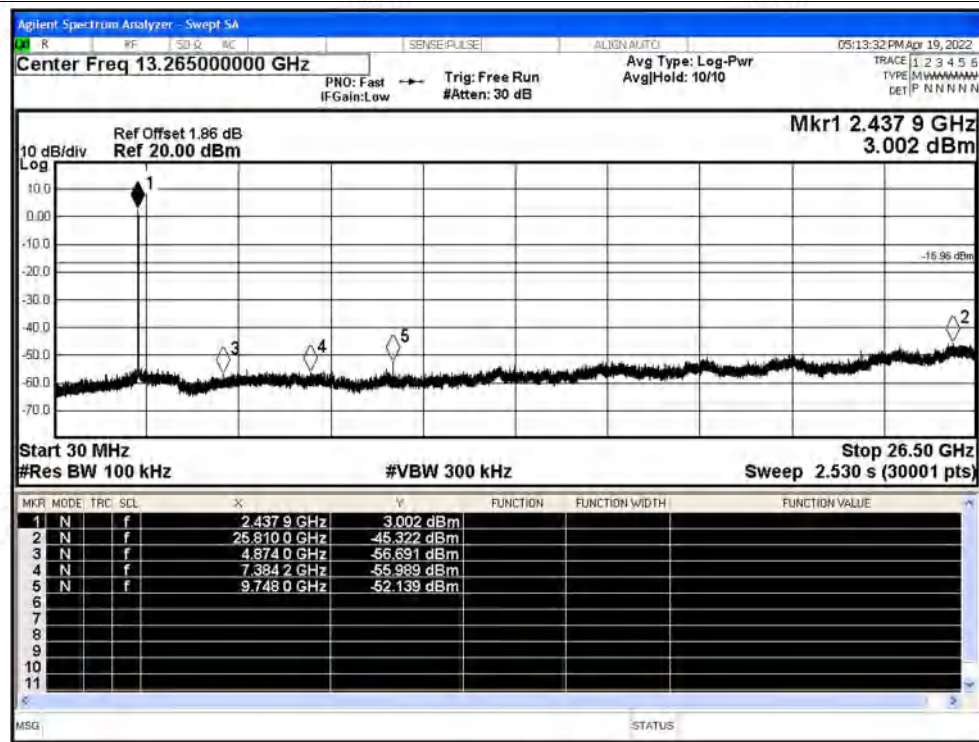
Scan code to check authenticity



Tx. Spurious NVNT b 2437MHz Ant1 Ref

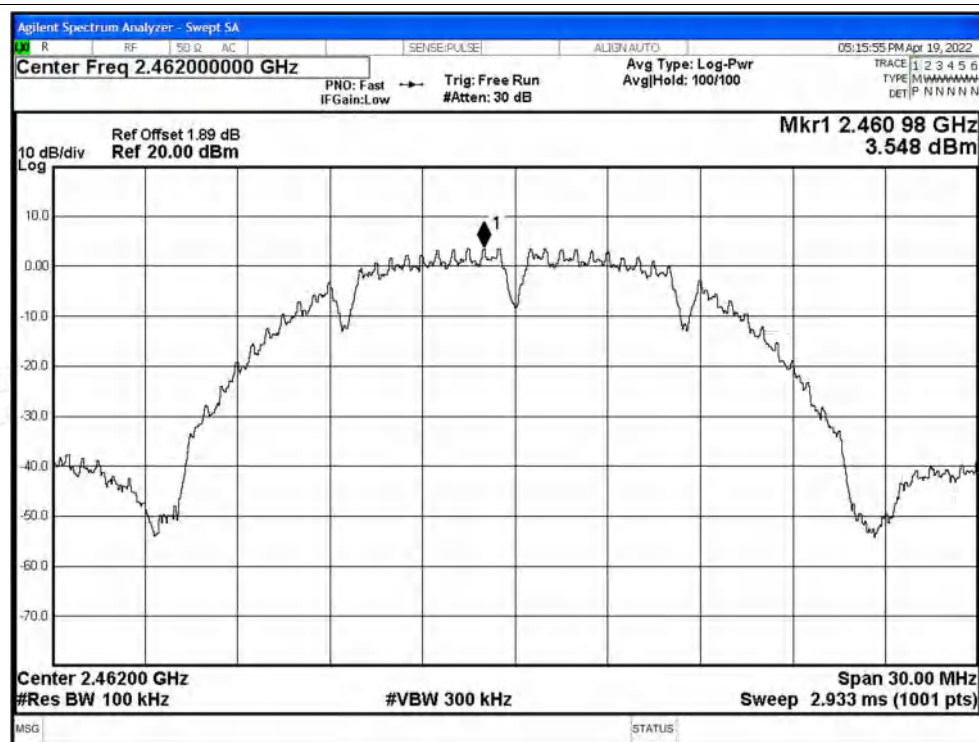


Tx. Spurious NVNT b 2437MHz Ant1 Emission

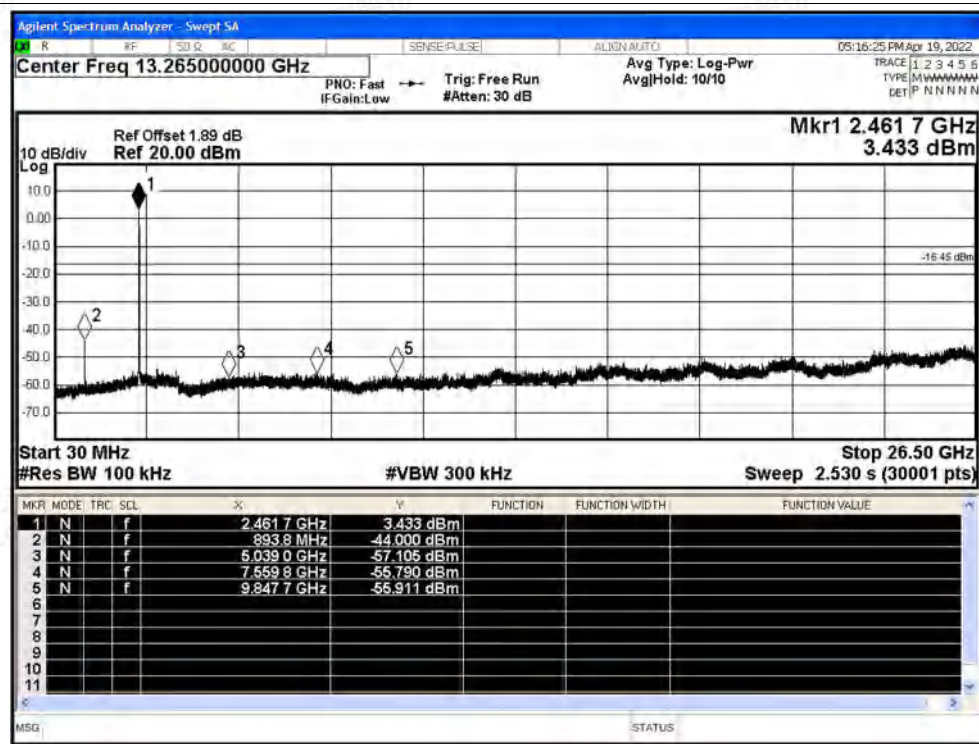




Tx. Spurious NVNT b 2462MHz Ant1 Ref

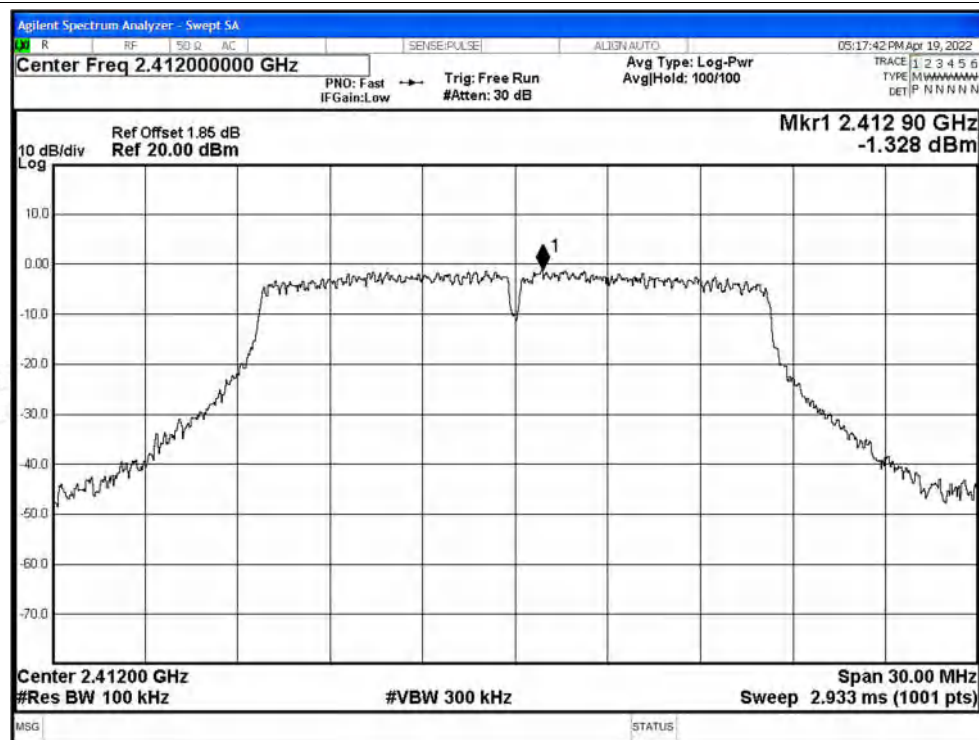


Tx. Spurious NVNT b 2462MHz Ant1 Emission

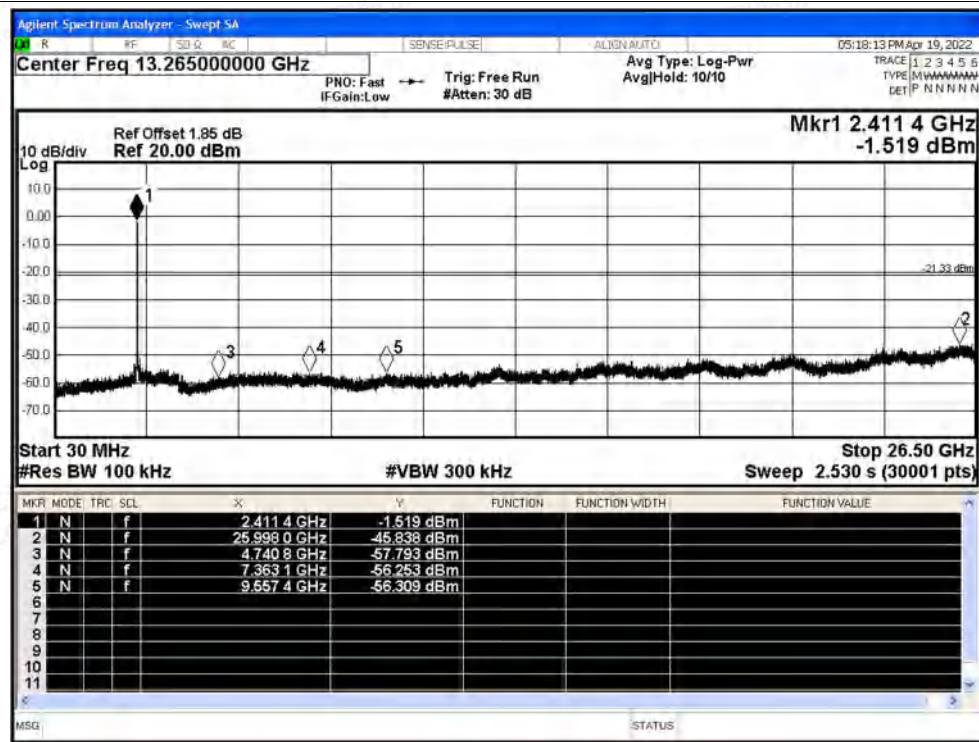




Tx. Spurious NVNT g 2412MHz Ant1 Ref

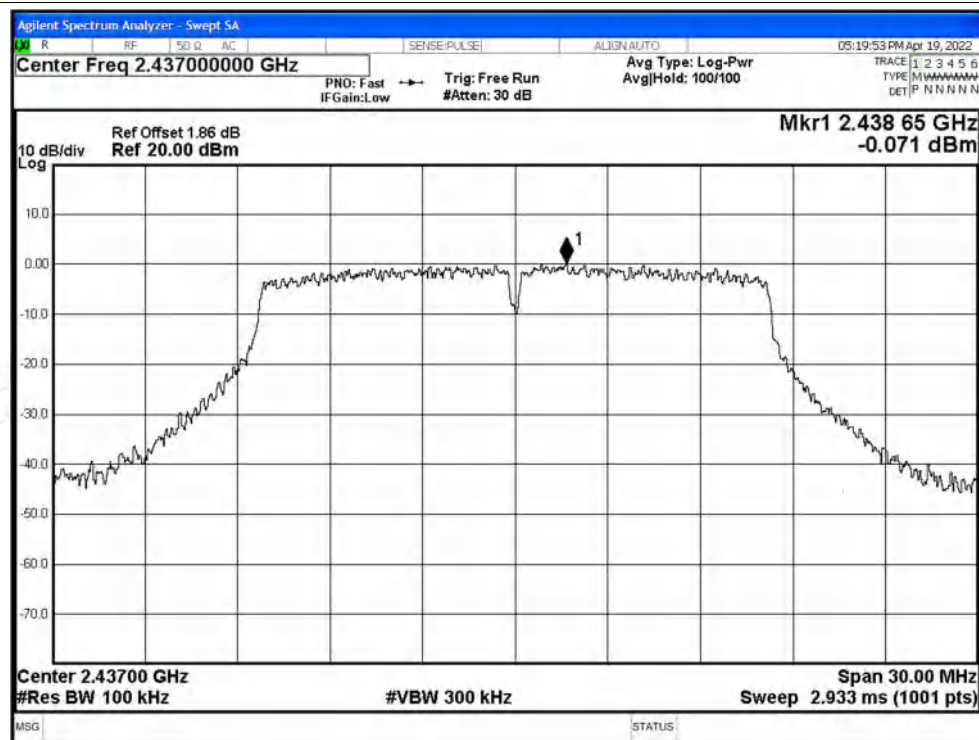


Tx. Spurious NVNT g 2412MHz Ant1 Emission

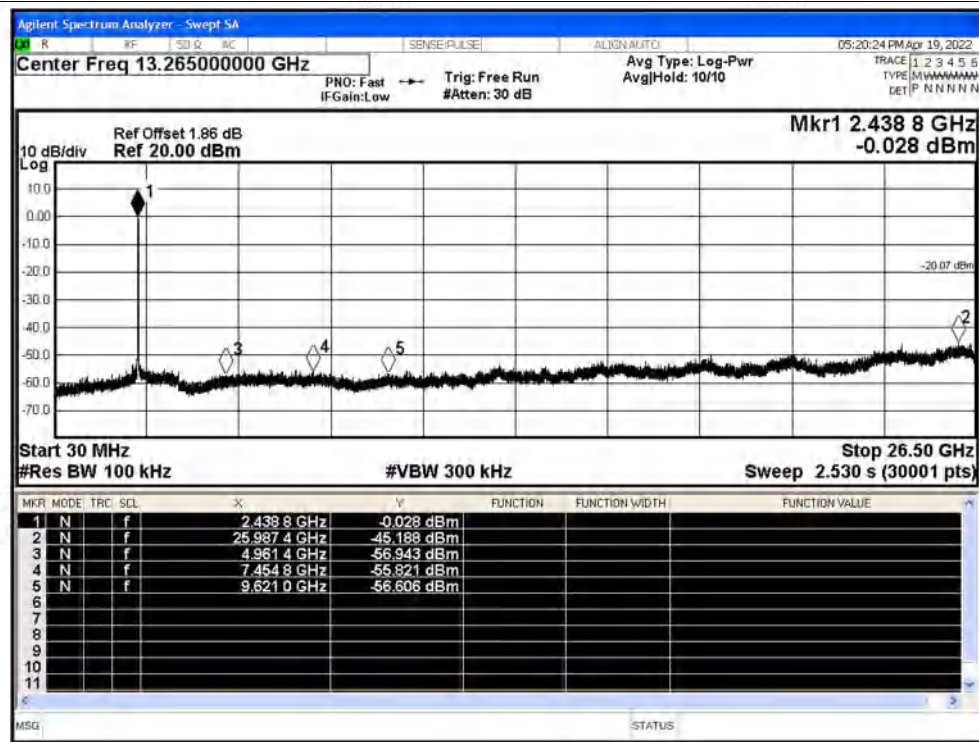




Tx. Spurious NVNT g 2437MHz Ant1 Ref

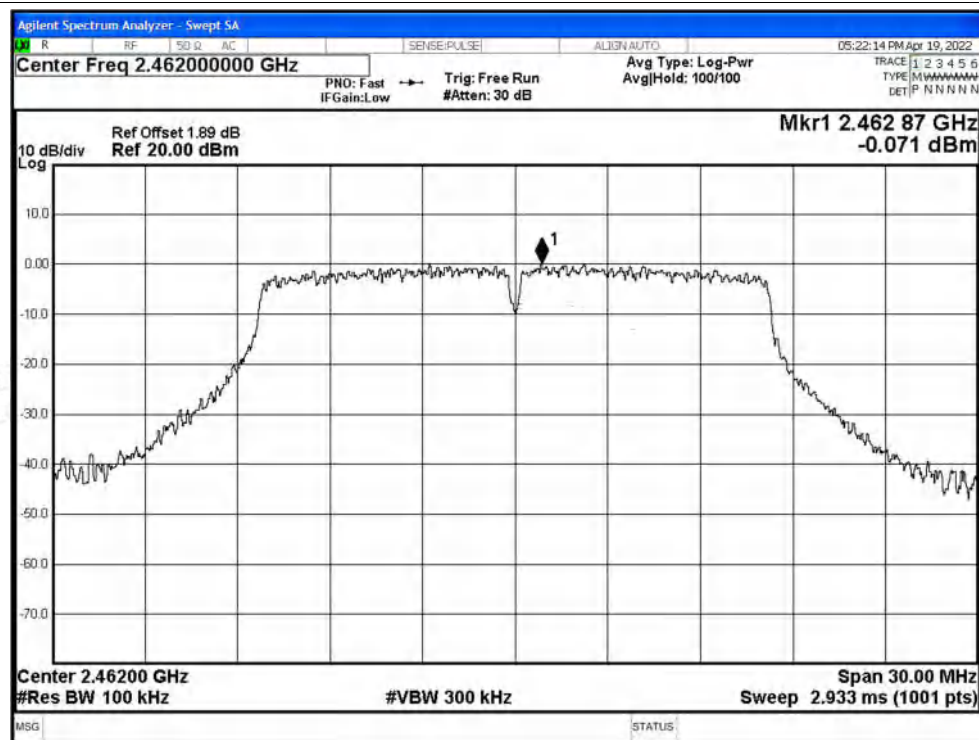


Tx. Spurious NVNT g 2437MHz Ant1 Emission

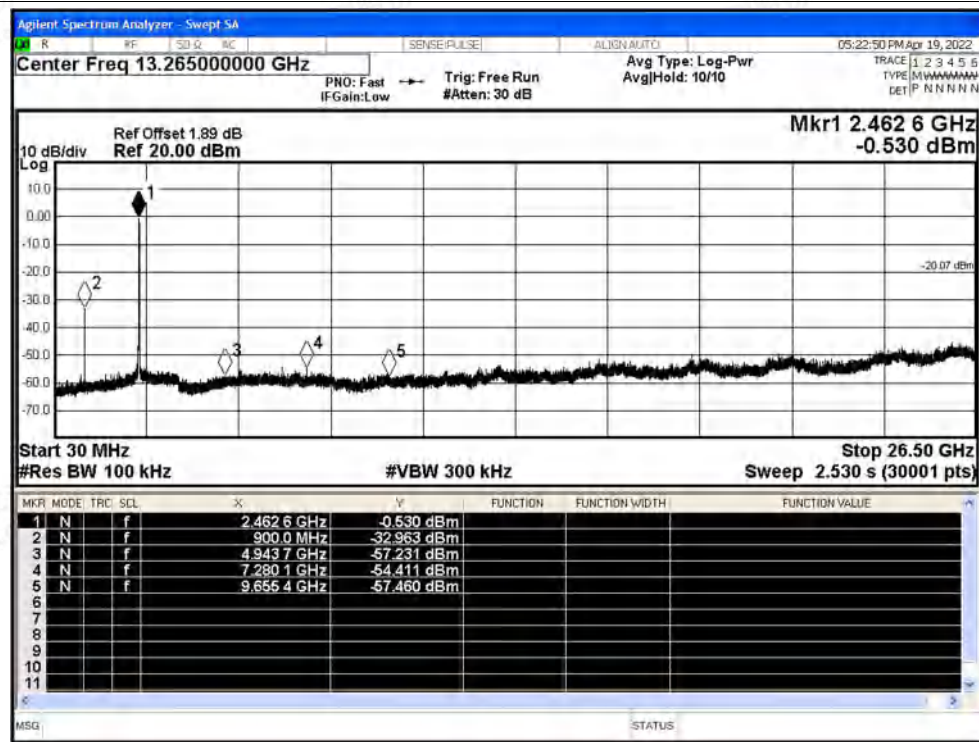




Tx. Spurious NVNT g 2462MHz Ant1 Ref

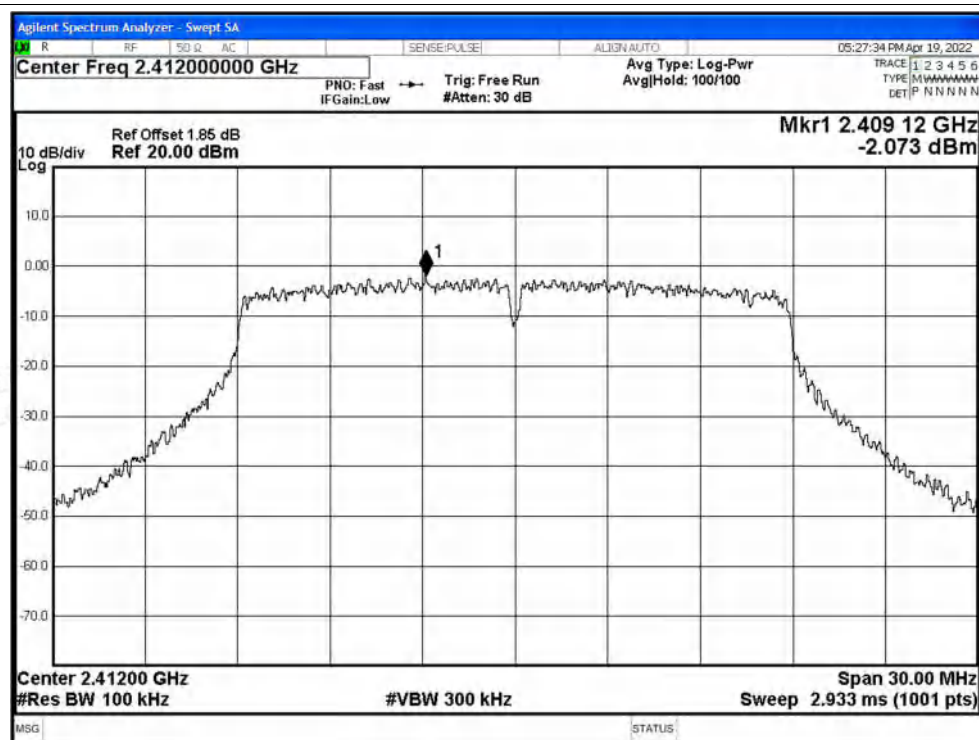


Tx. Spurious NVNT g 2462MHz Ant1 Emission

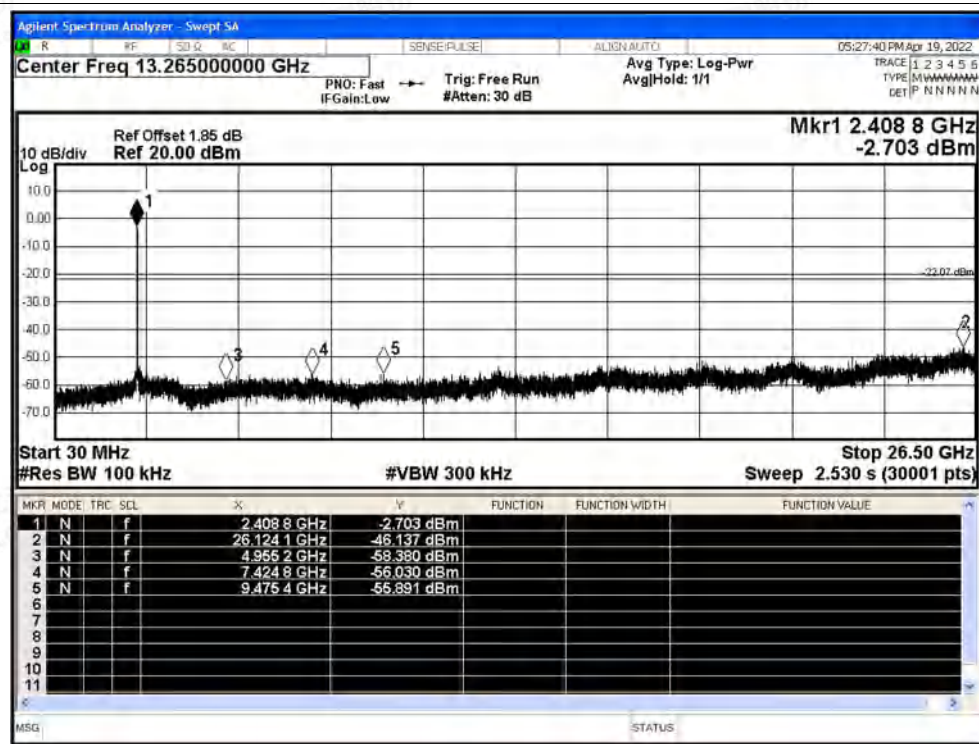




Tx. Spurious NVNT n20 2412MHz Ant1 Ref

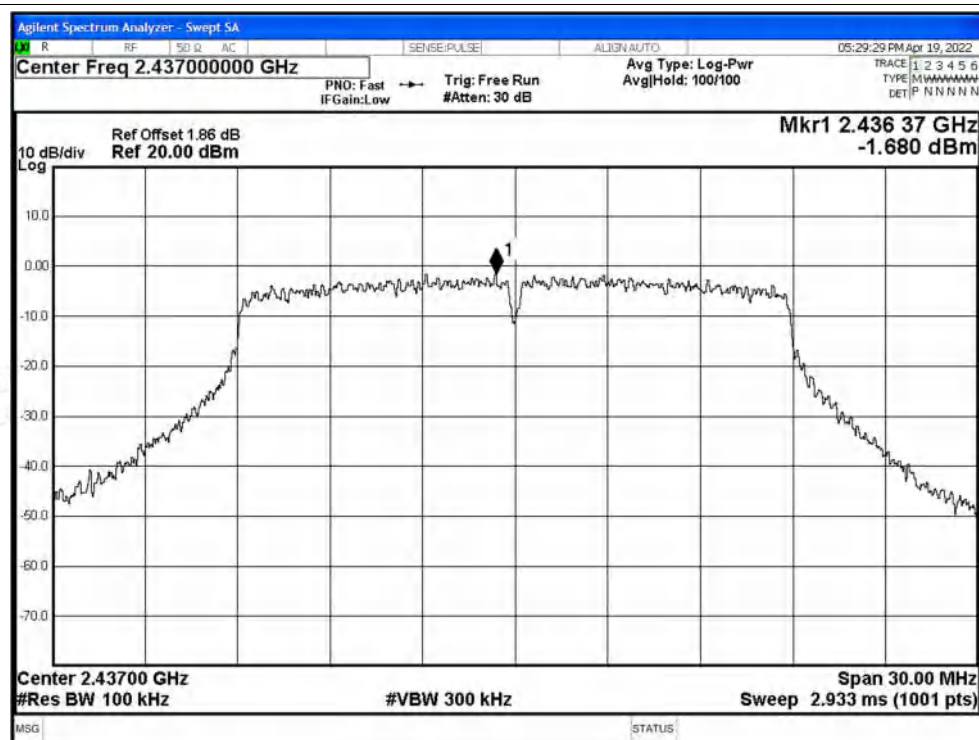


Tx. Spurious NVNT n20 2412MHz Ant1 Emission

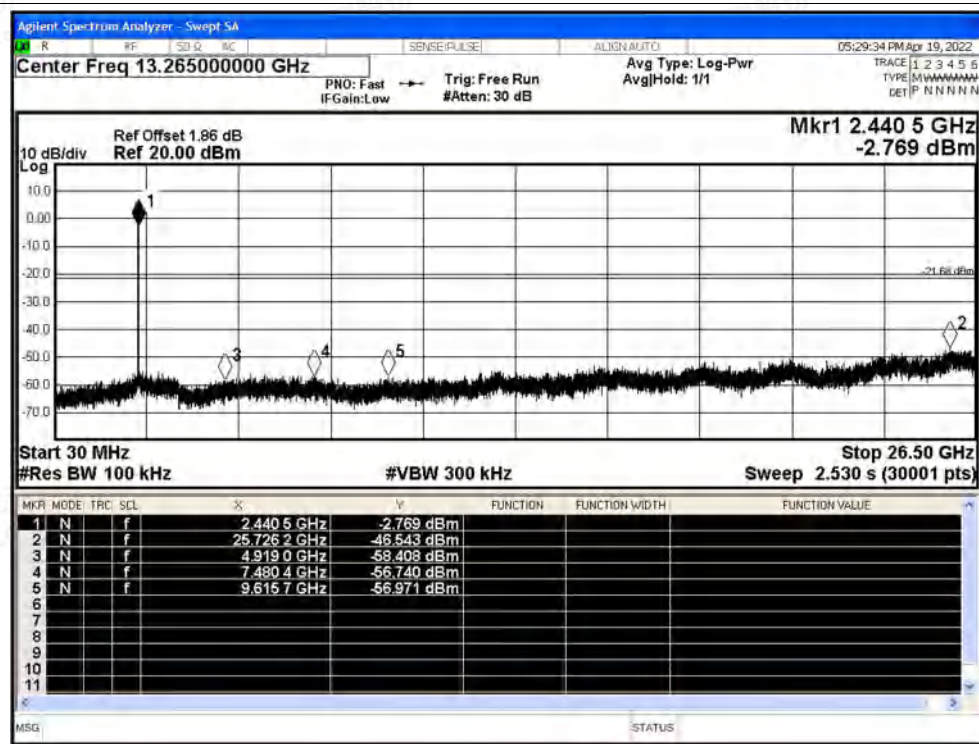




Tx. Spurious NVNT n20 2437MHz Ant1 Ref

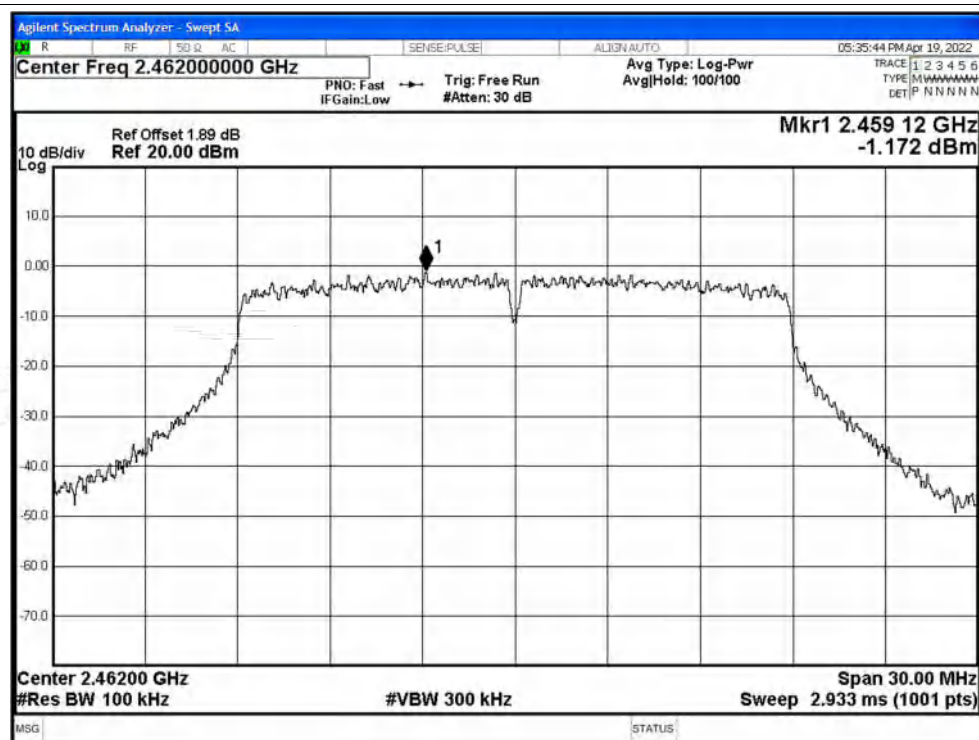


Tx. Spurious NVNT n20 2437MHz Ant1 Emission

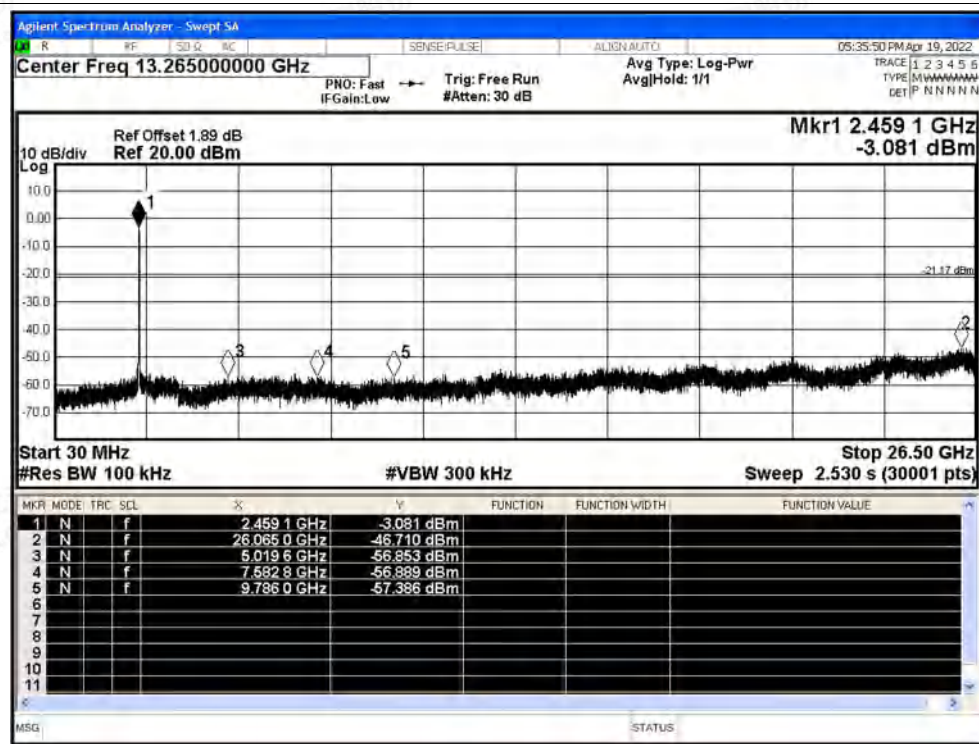




Tx. Spurious NVNT n20 2462MHz Ant1 Ref

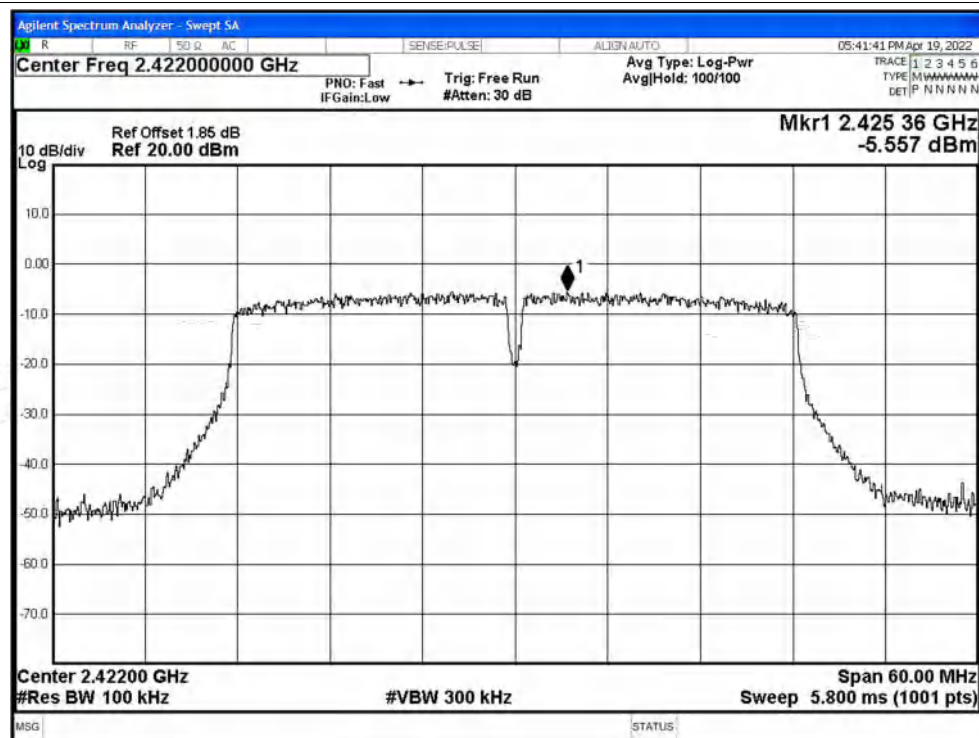


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

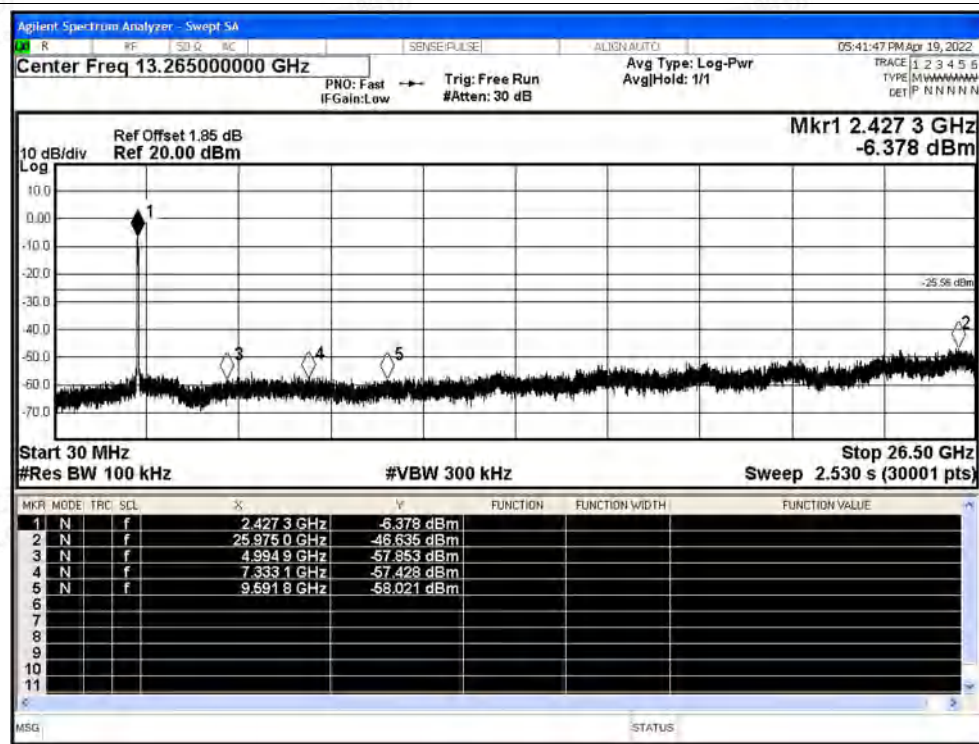




Tx. Spurious NVNT n40 2422MHz Ant1 Ref

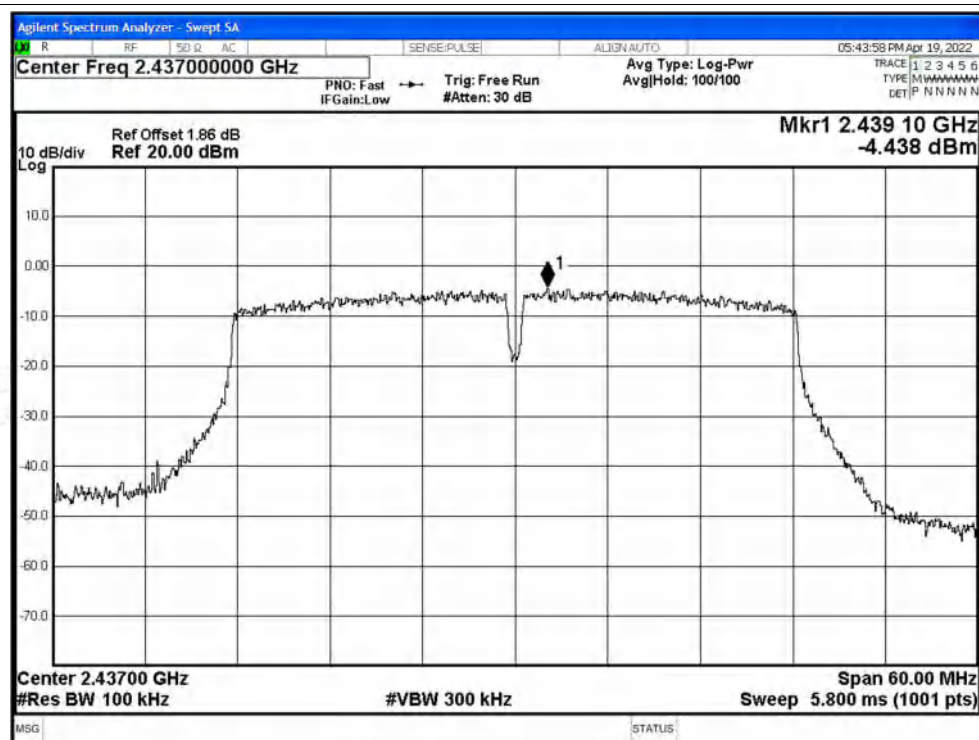


Tx. Spurious NVNT n40 2422MHz Ant1 Emission

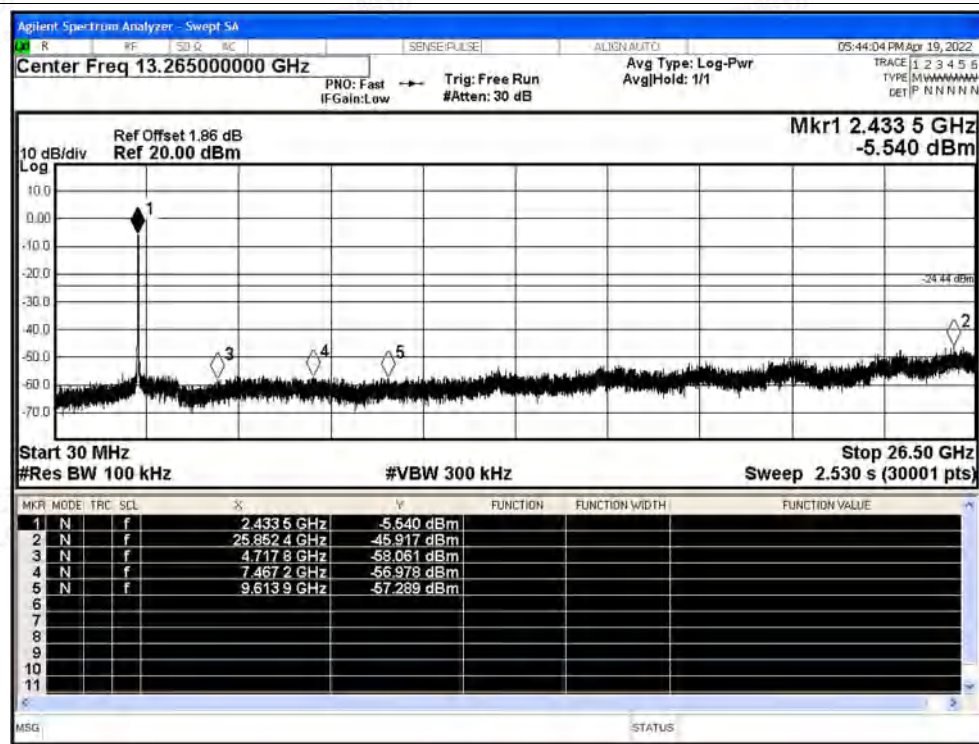




Tx. Spurious NVNT n40 2437MHz Ant1 Ref

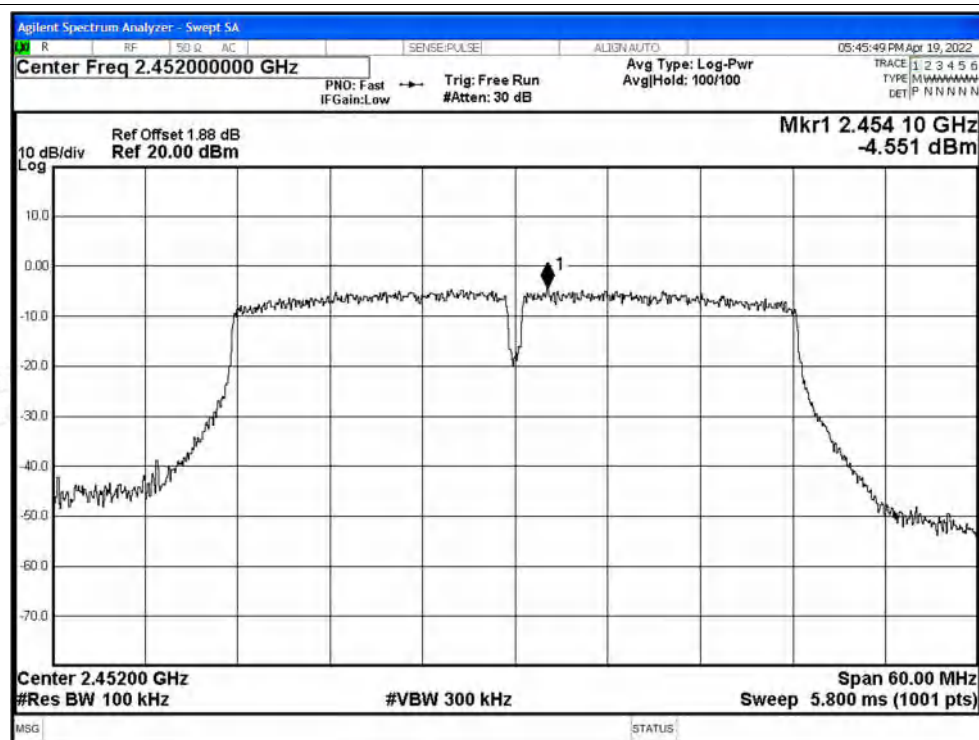


Tx. Spurious NVNT n40 2437MHz Ant1 Emission

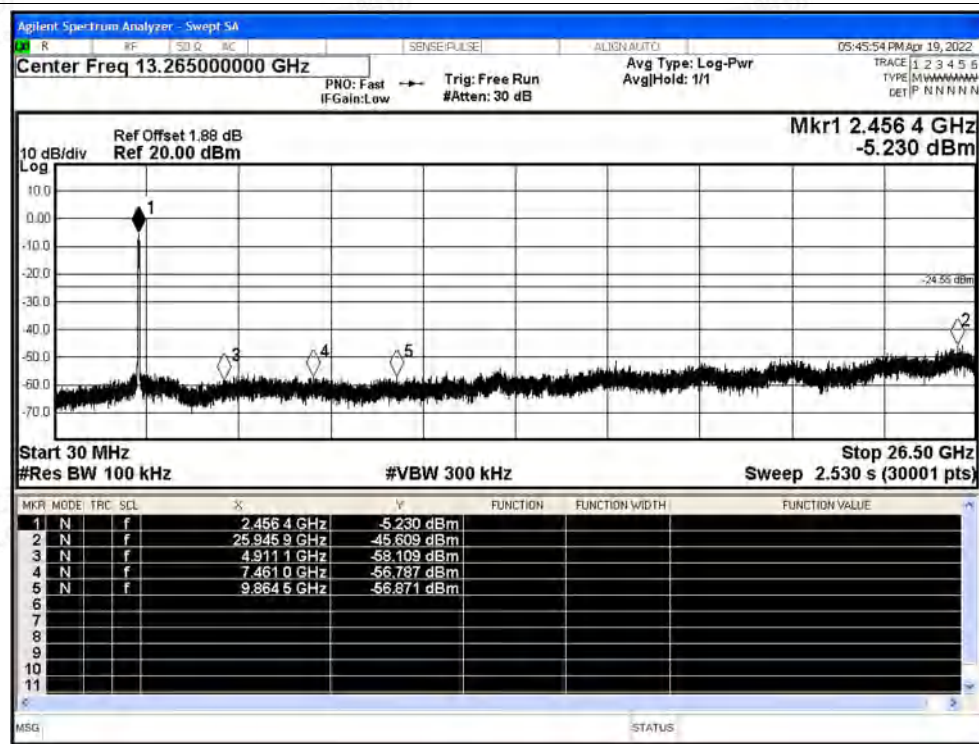




Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission





C.6 Duty Cycle

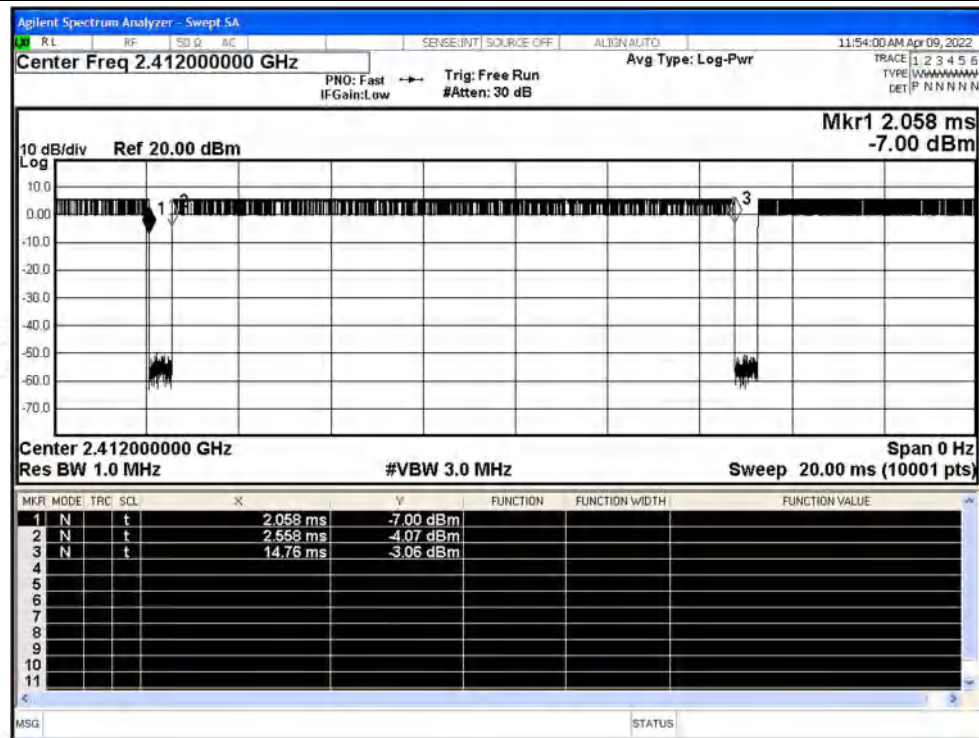
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant0	96.06	0.17	0.08
NVNT	b	2437	Ant0	97.51	0.11	0
NVNT	b	2462	Ant0	97.51	0.11	0
NVNT	g	2412	Ant0	80.13	0.96	0.49
NVNT	g	2437	Ant0	80.13	0.96	0.49
NVNT	g	2462	Ant0	80.13	0.96	0.49
NVNT	n20	2412	Ant0	79	1.02	0.53
NVNT	n20	2437	Ant0	79.08	1.02	0.53
NVNT	n20	2462	Ant0	79	1.02	0.53
NVNT	n40	2422	Ant0	65.03	1.87	1.08
NVNT	n40	2437	Ant0	65.17	1.86	1.07
NVNT	n40	2452	Ant0	65.03	1.87	1.08



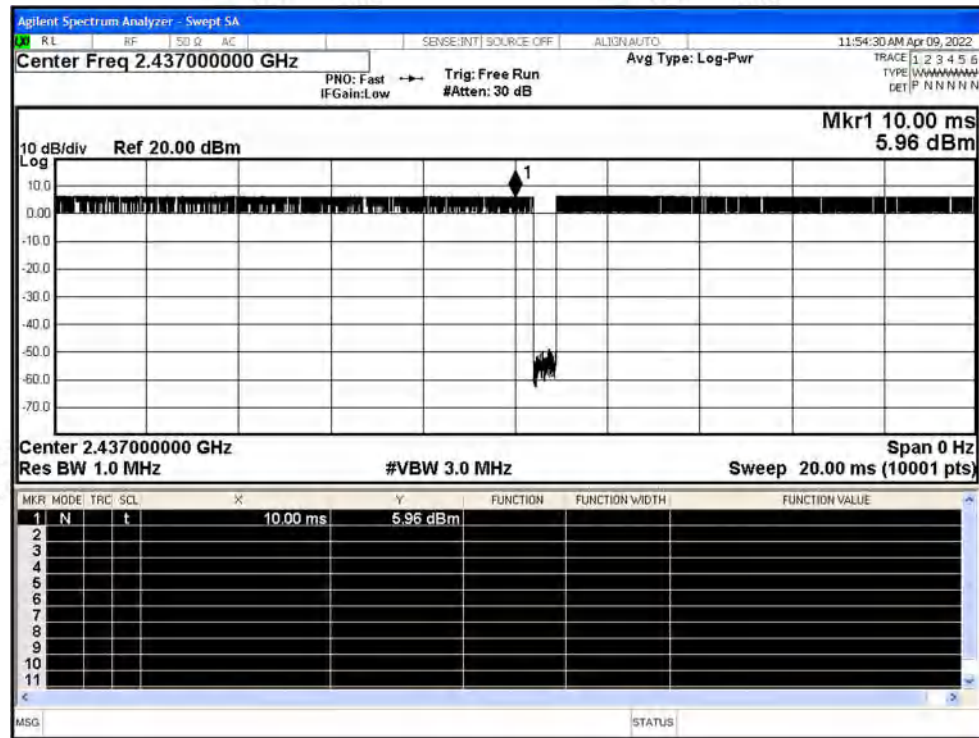


Test Graphs

Duty Cycle NVNT b 2412MHz Ant0

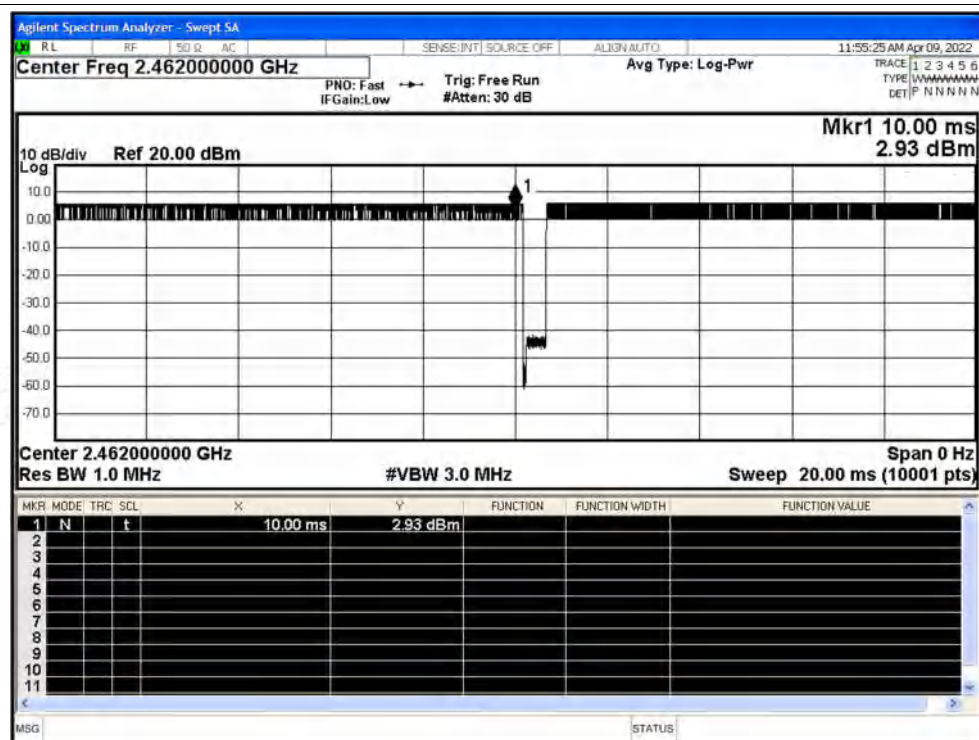


Duty Cycle NVNT b 2437MHz Ant0

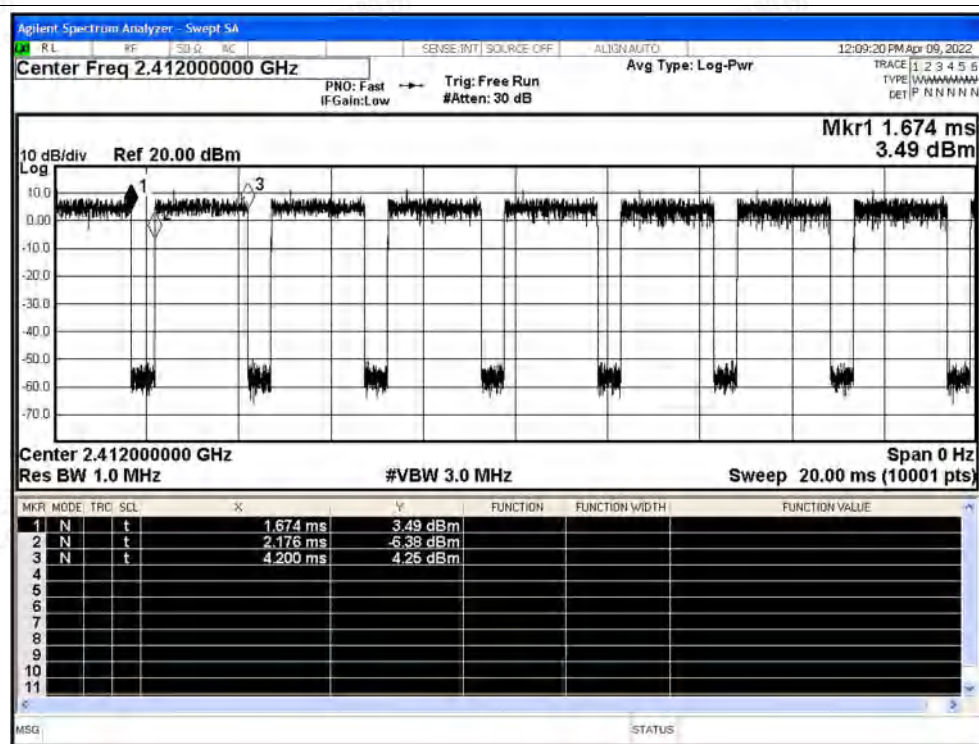




Duty Cycle NVNT b 2462MHz Ant0

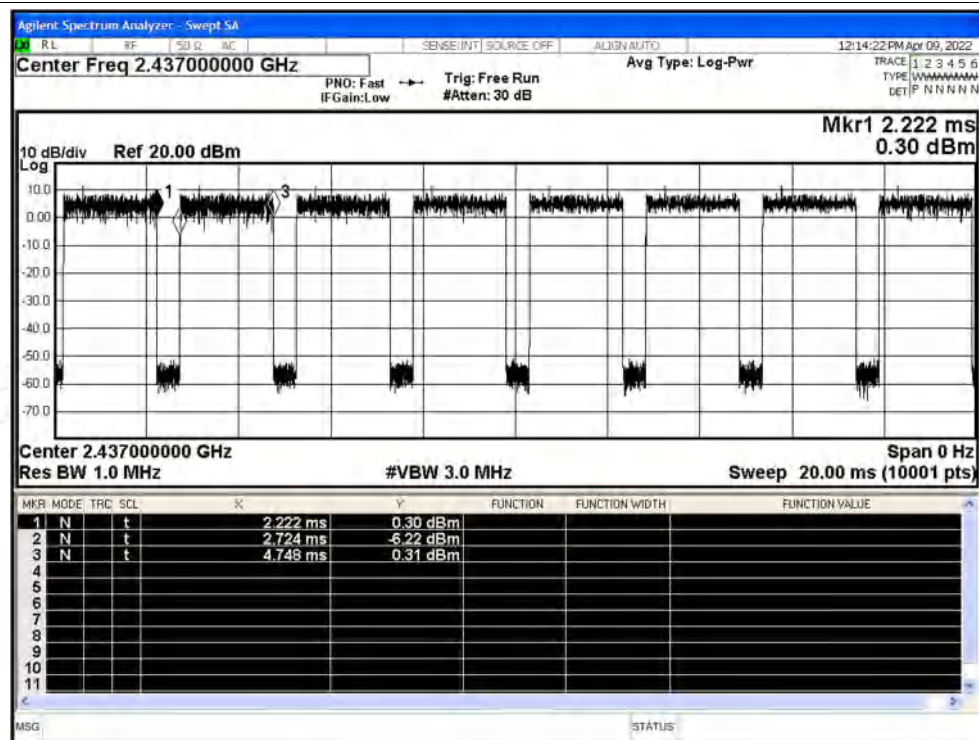


Duty Cycle NVNT g 2412MHz Ant0

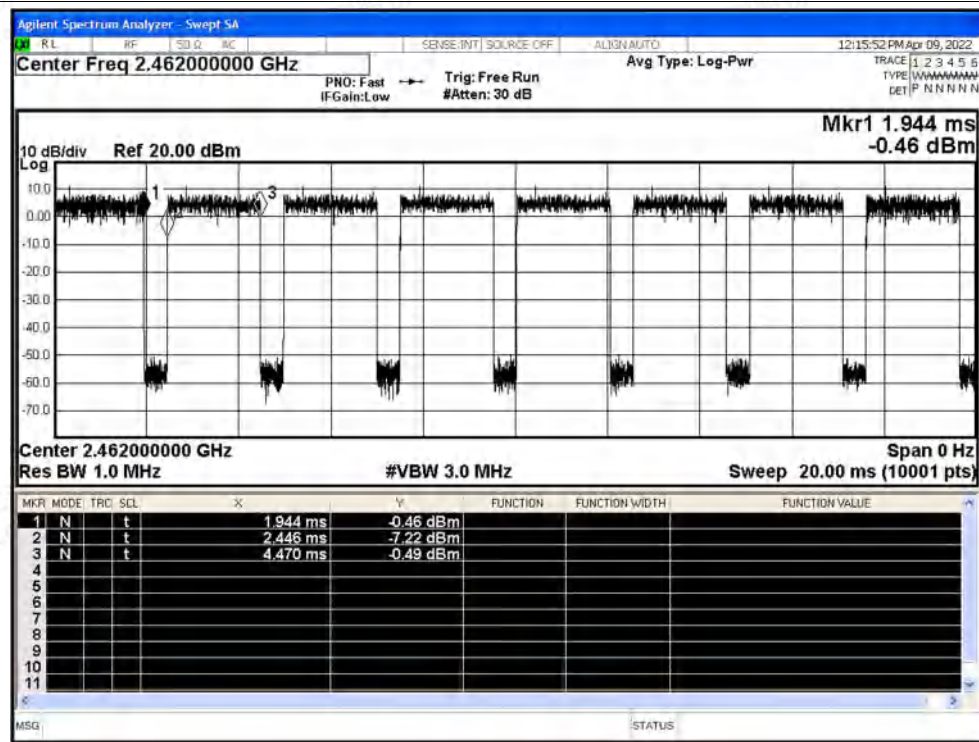




Duty Cycle NVNT g 2437MHz Ant0

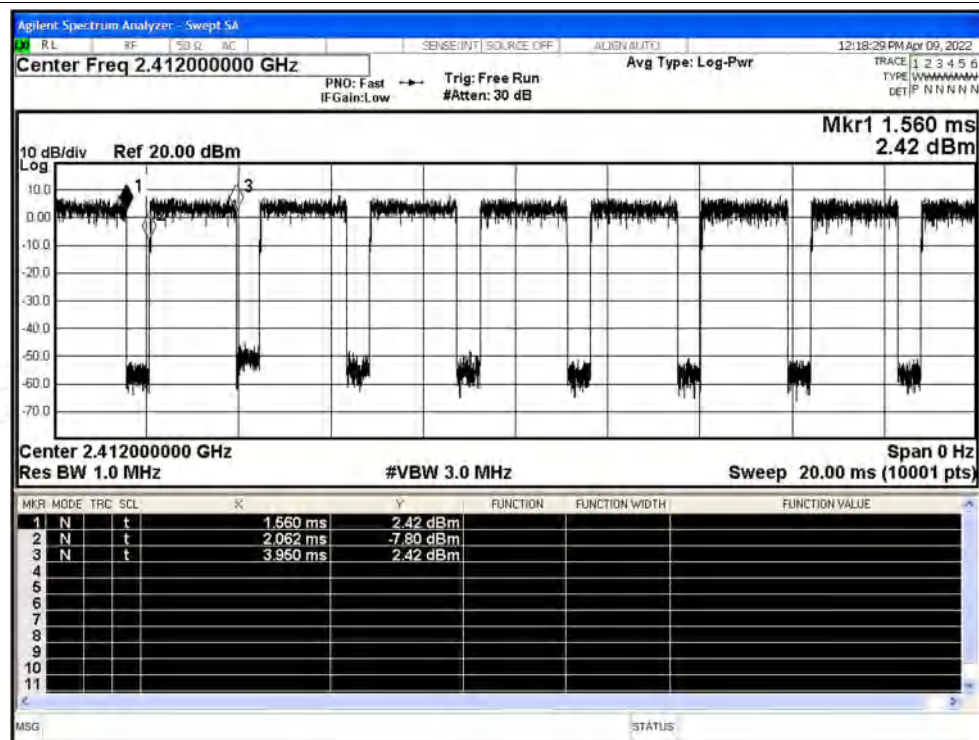


Duty Cycle NVNT g 2462MHz Ant0

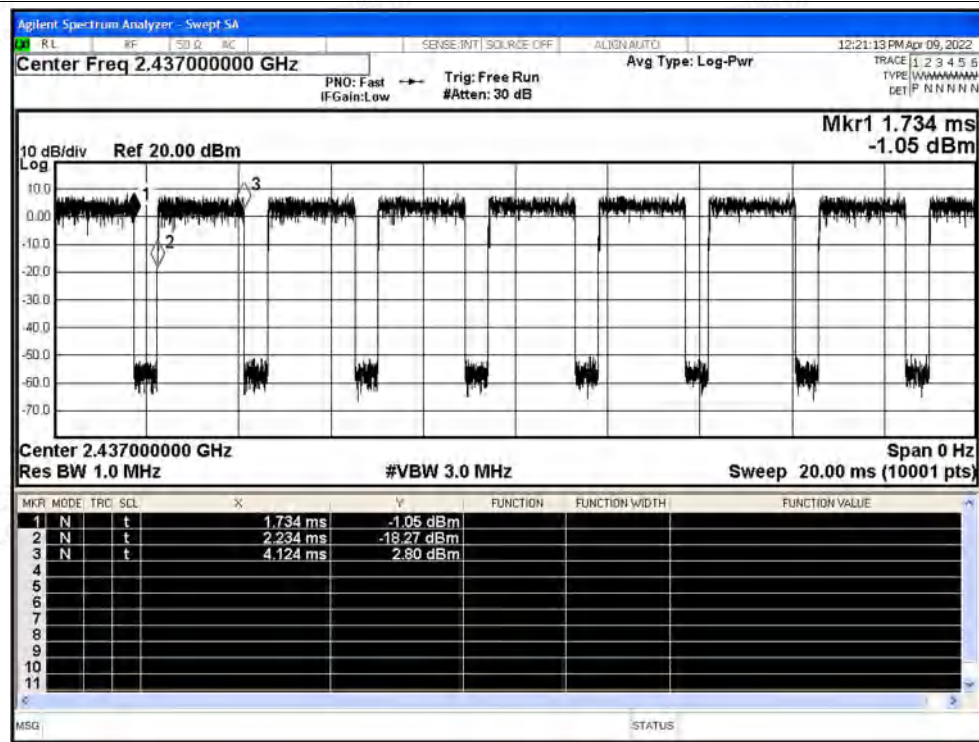




Duty Cycle NVNT n20 2412MHz Ant0

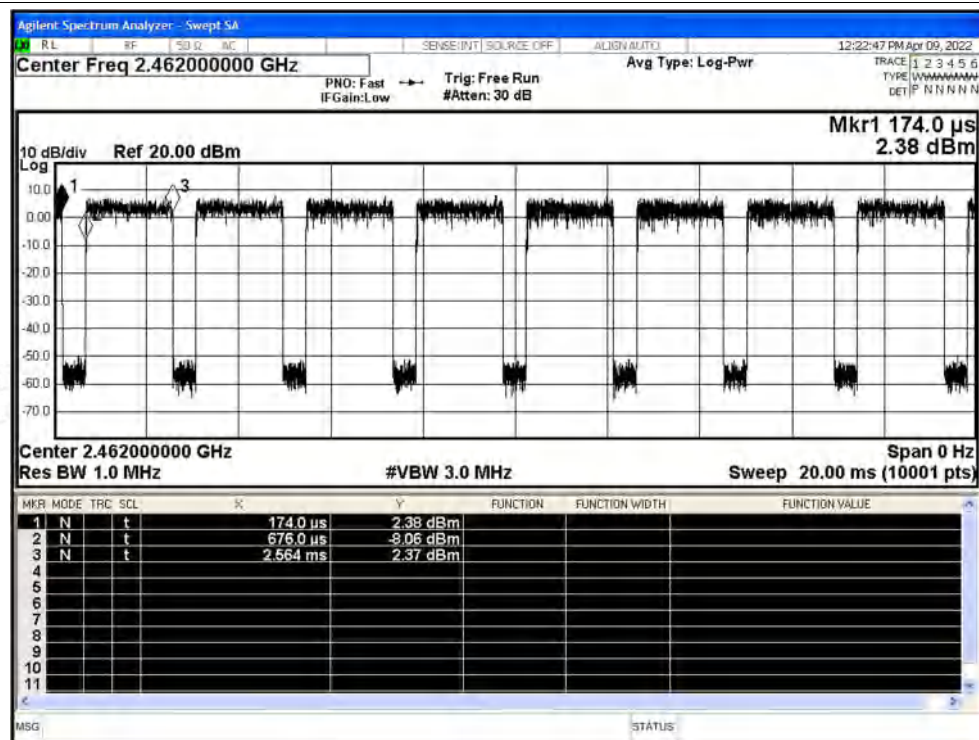


Duty Cycle NVNT n20 2437MHz Ant0

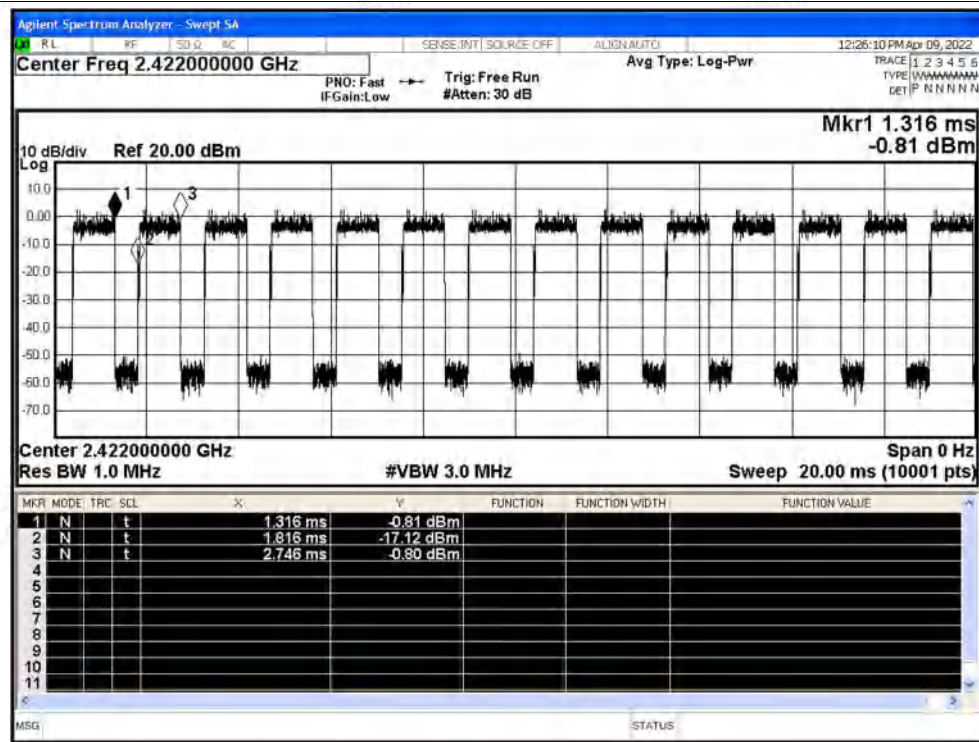




Duty Cycle NVNT n20 2462MHz Ant0

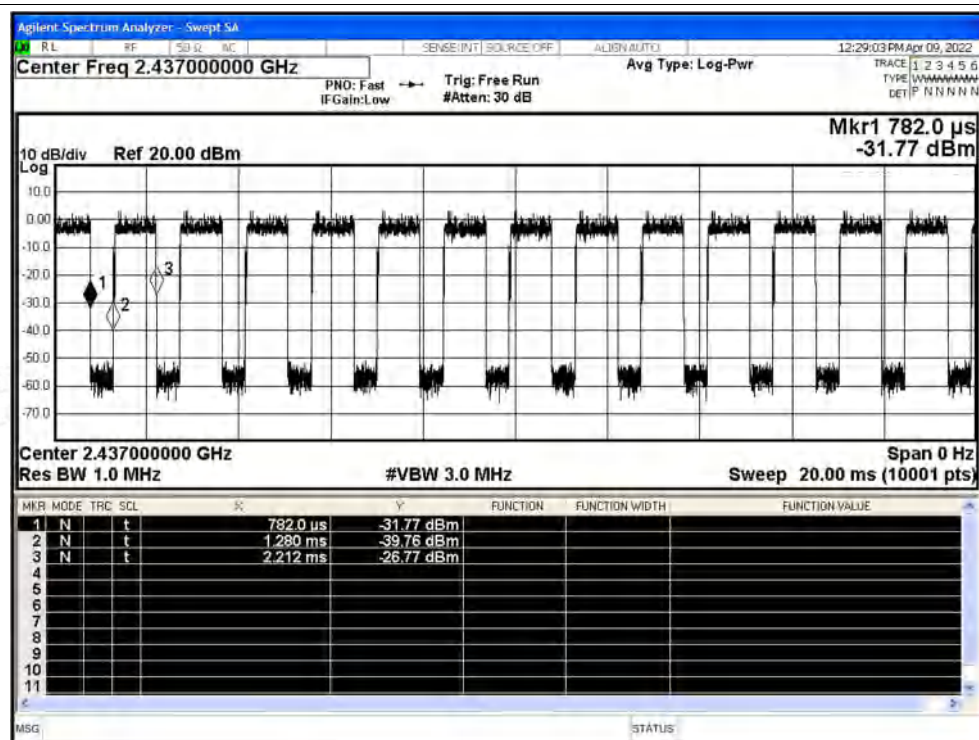


Duty Cycle NVNT n40 2422MHz Ant0

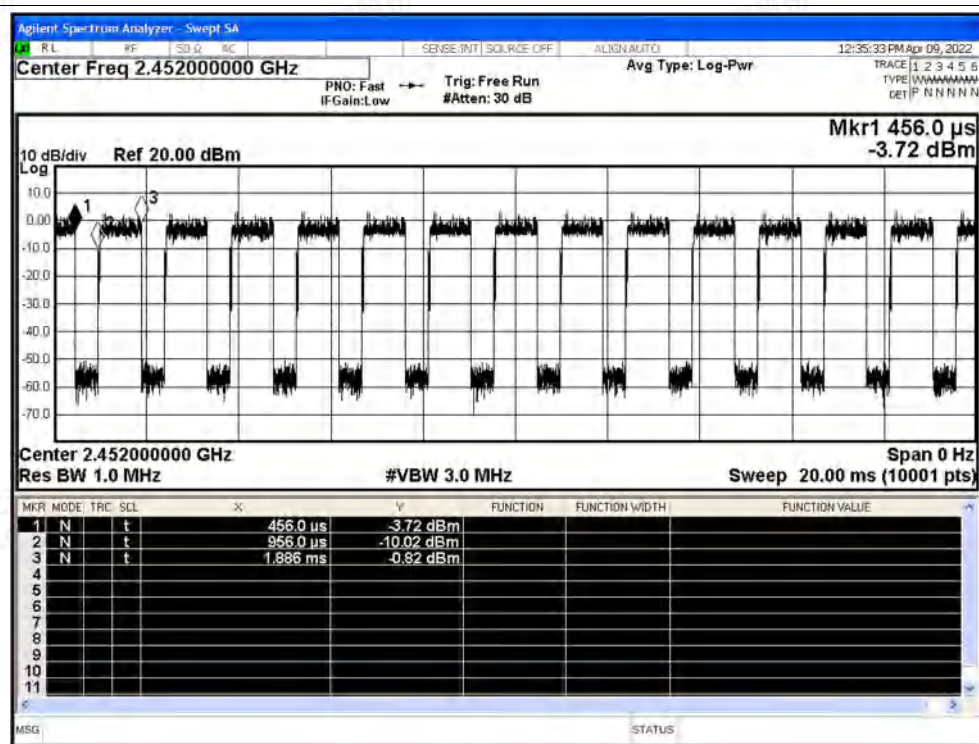




Duty Cycle NVNT n40 2437MHz Ant0



Duty Cycle NVNT n40 2452MHz Ant0





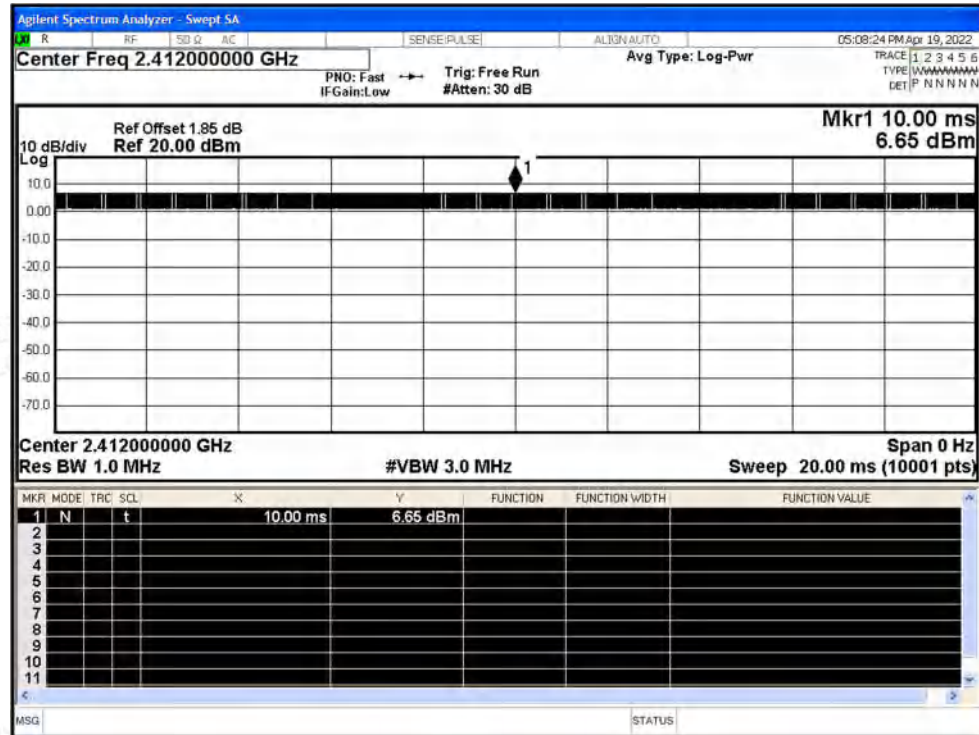
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	100	0	0
NVNT	g	2437	Ant1	100	0	0
NVNT	g	2462	Ant1	100	0	0
NVNT	n20	2412	Ant1	100	0	0
NVNT	n20	2437	Ant1	100	0	0
NVNT	n20	2462	Ant1	100	0	0
NVNT	n40	2422	Ant1	100	0	0
NVNT	n40	2437	Ant1	100	0	0
NVNT	n40	2452	Ant1	100	0	0



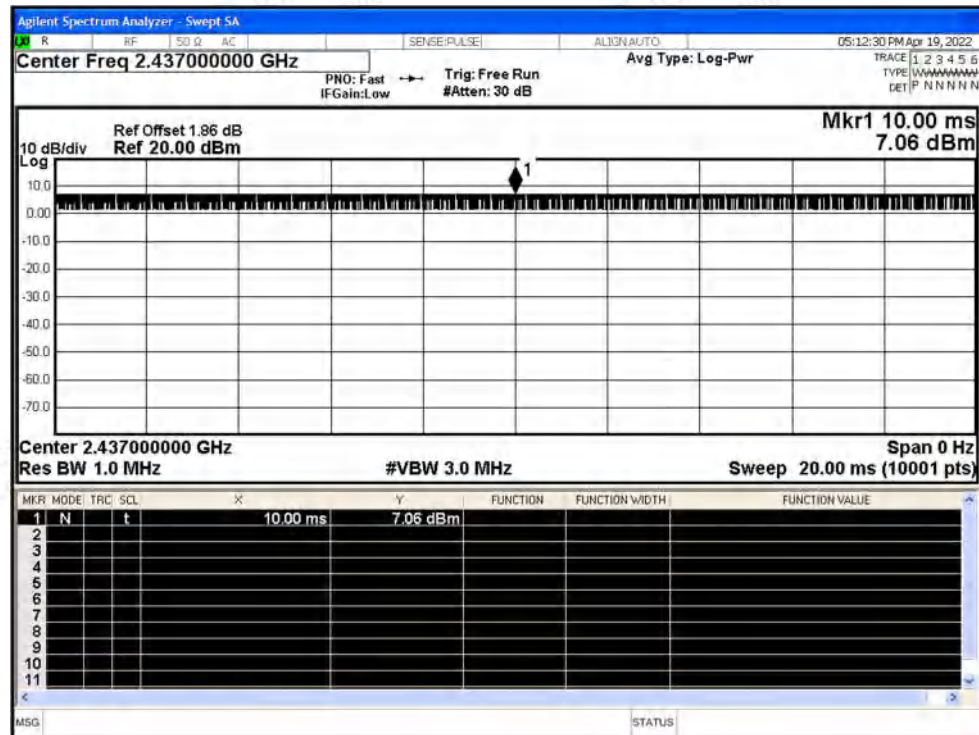


Test Graphs

Duty Cycle NVNT b 2412MHz Ant1

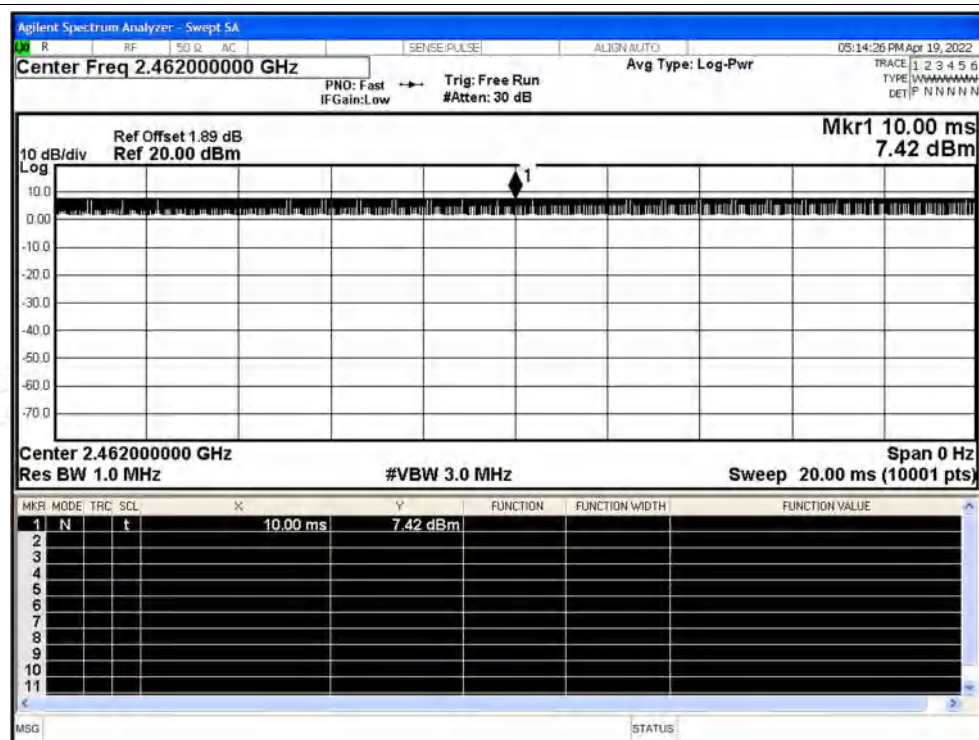


Duty Cycle NVNT b 2437MHz Ant1

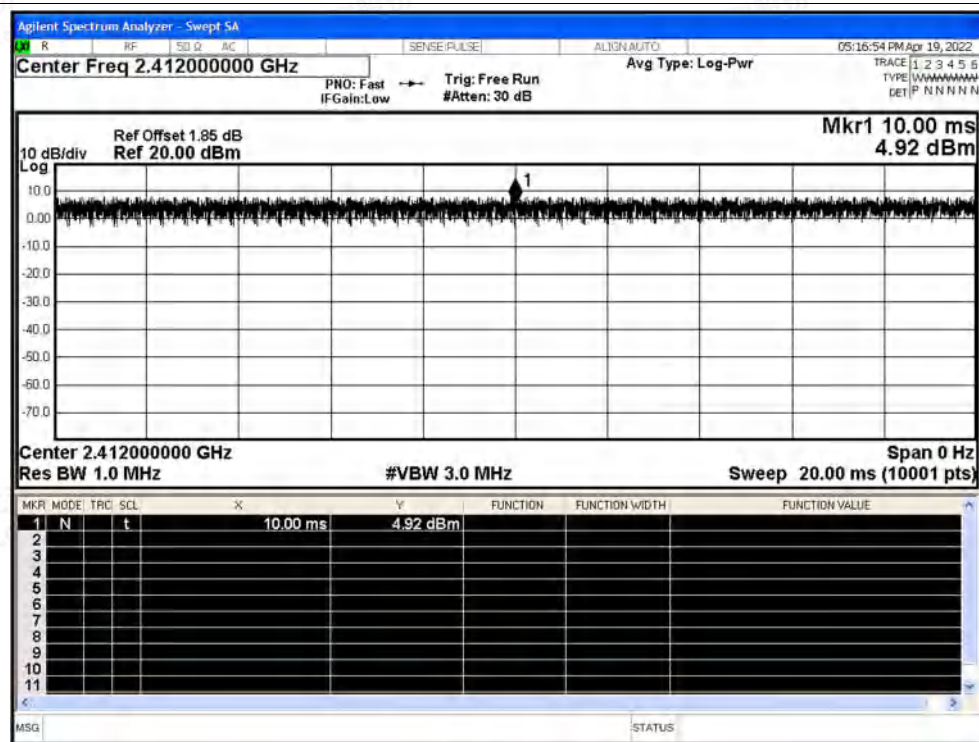




Duty Cycle NVNT b 2462MHz Ant1

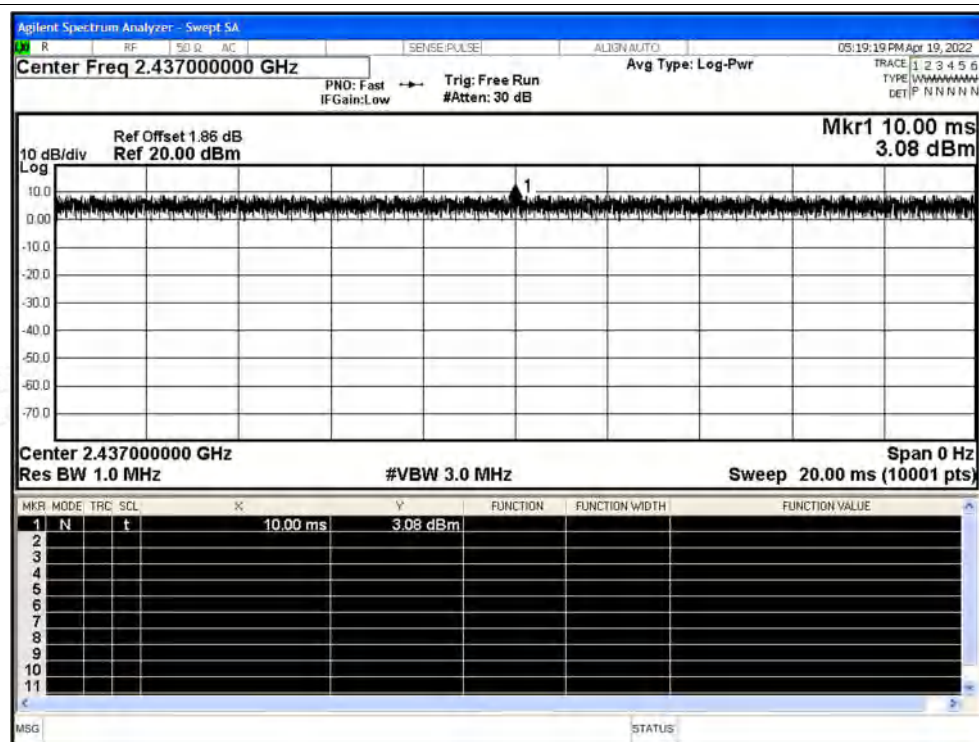


Duty Cycle NVNT g 2412MHz Ant1

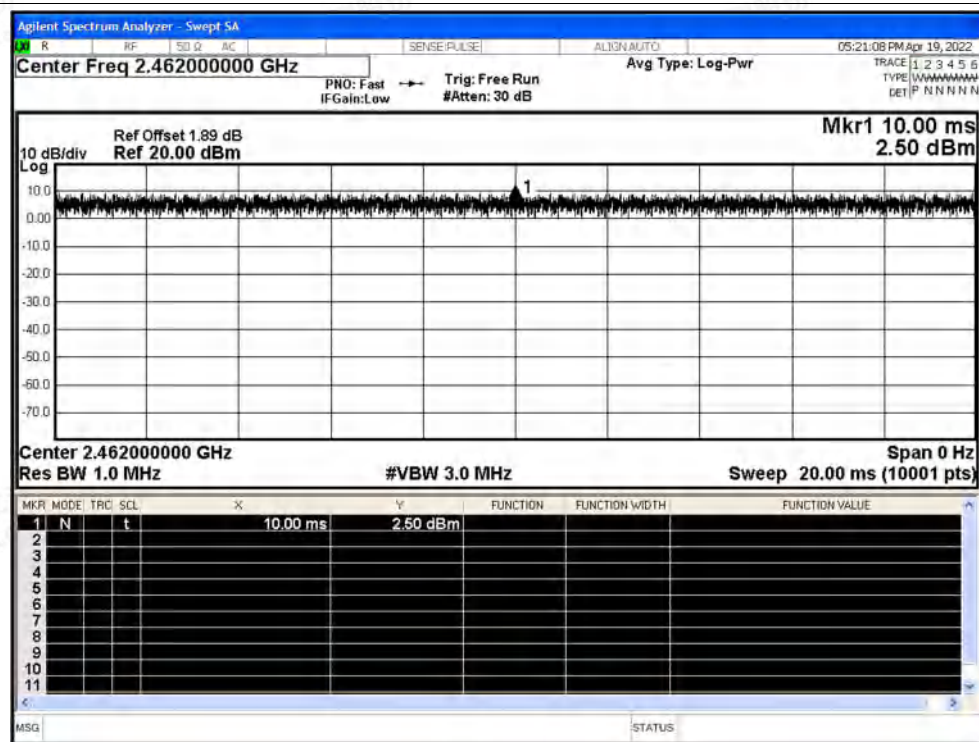




Duty Cycle NVNT g 2437MHz Ant1

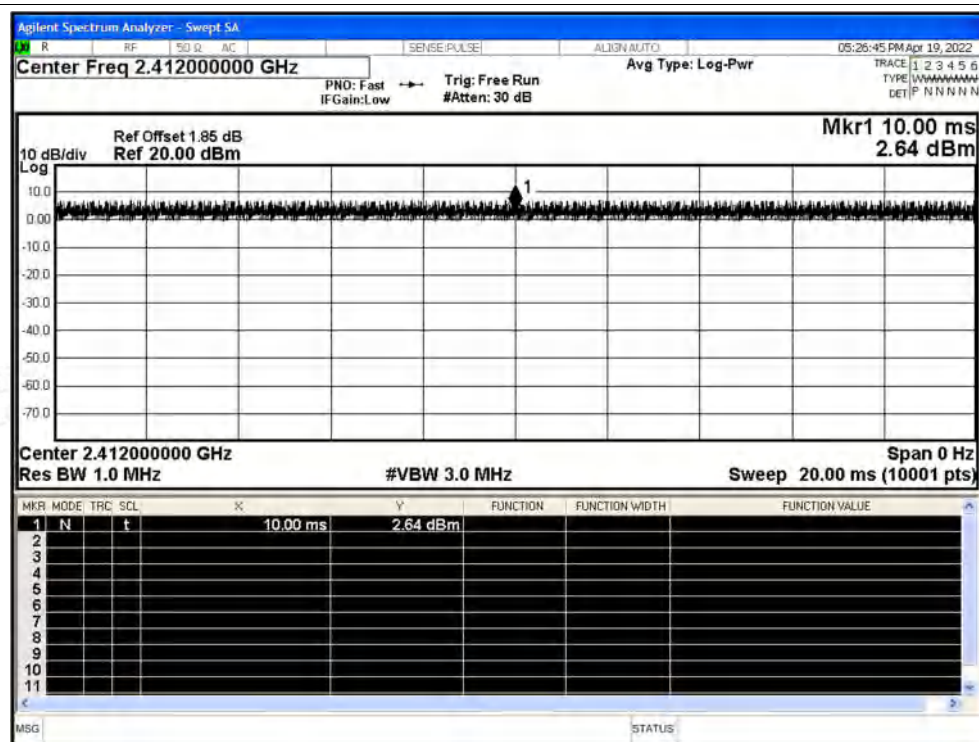


Duty Cycle NVNT g 2462MHz Ant1

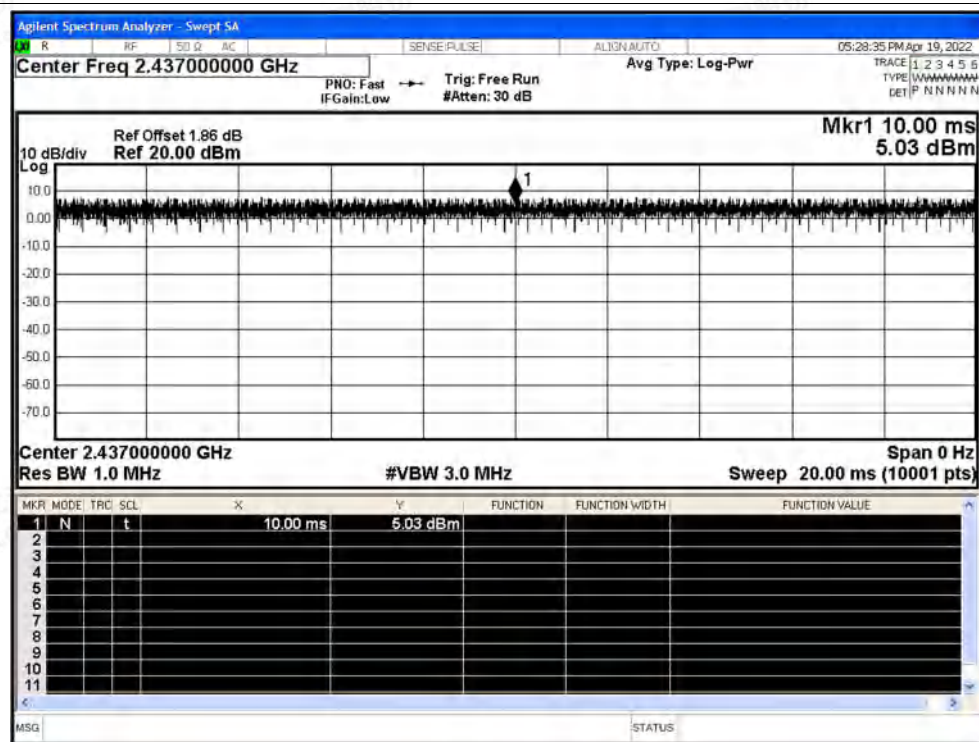




Duty Cycle NVNT n20 2412MHz Ant1

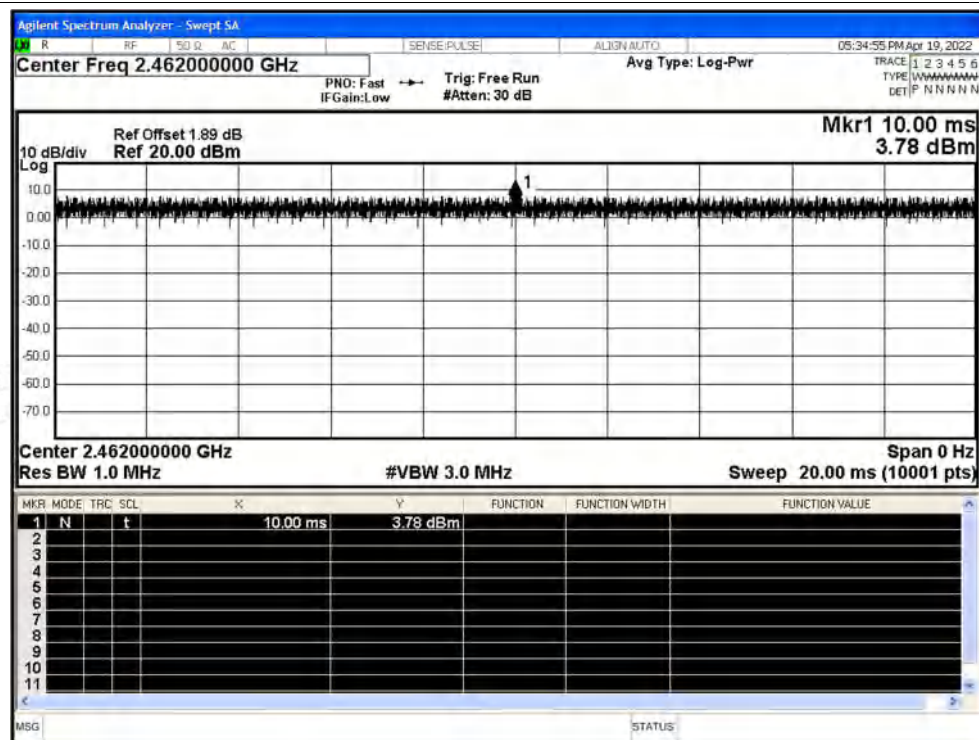


Duty Cycle NVNT n20 2437MHz Ant1

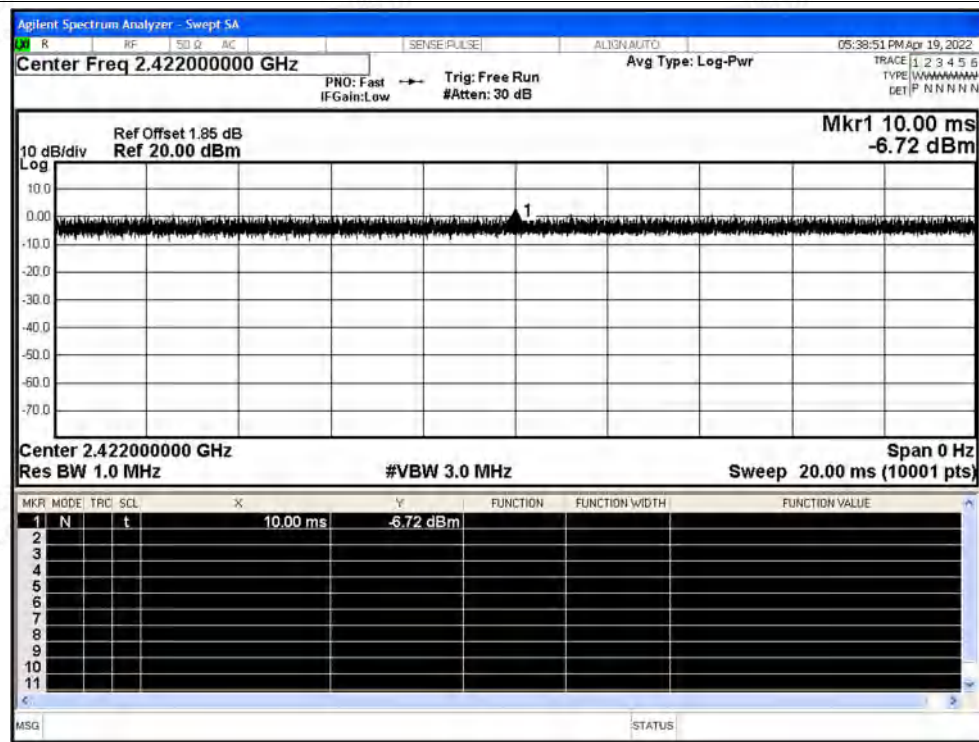




Duty Cycle NVNT n20 2462MHz Ant1

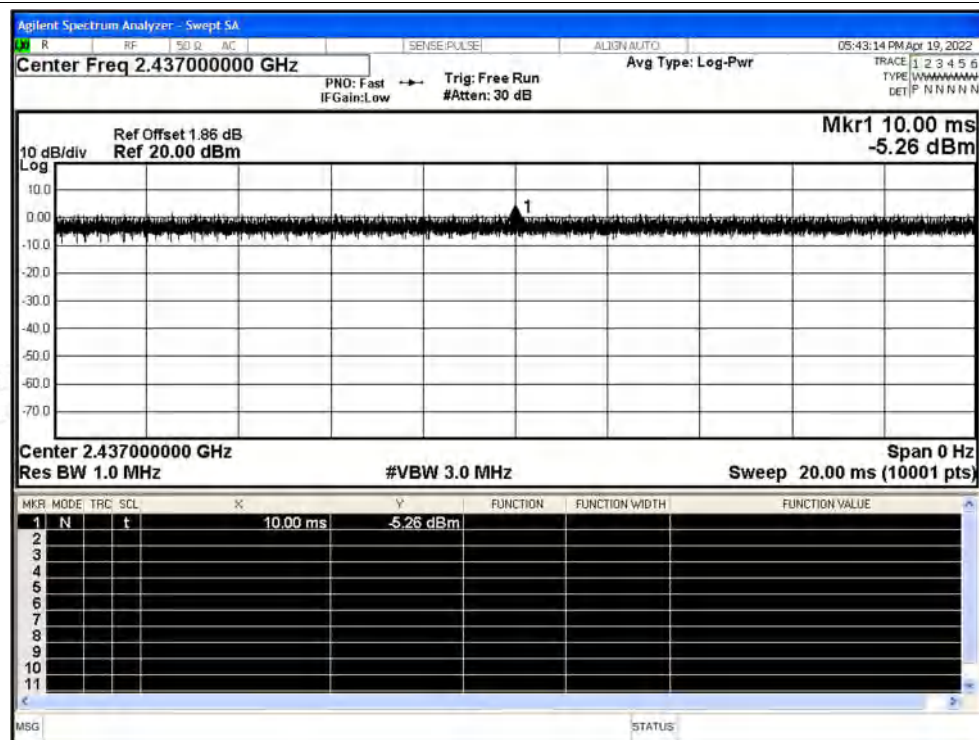


Duty Cycle NVNT n40 2422MHz Ant1

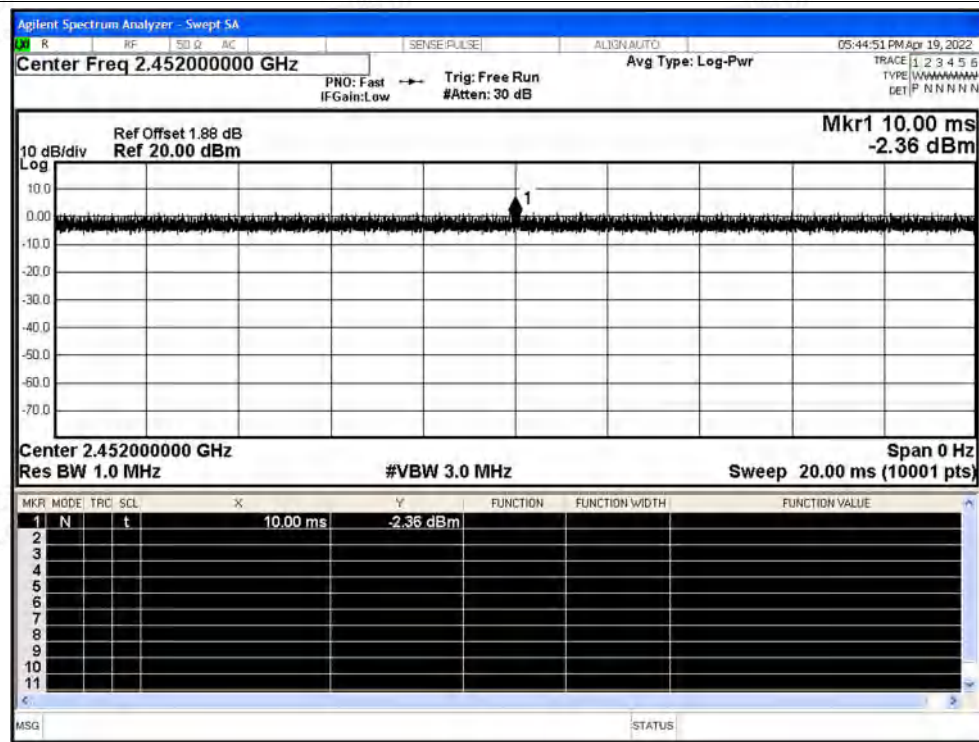




Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1





C.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant0	2310	-51.07	2	46.19	Peak	74	Pass
NVNT	b	2412	Ant0	2310	-61.57	2	35.69	Average	54	Pass
NVNT	b	2412	Ant0	2389.677	-46.07	2	51.19	Peak	74	Pass
NVNT	b	2412	Ant0	2386.05	-58.52	2	38.74	Average	54	Pass
NVNT	b	2412	Ant0	2390	-47.83	2	49.43	Peak	74	Pass
NVNT	b	2412	Ant0	2390	-58.66	2	38.6	Average	54	Pass
NVNT	b	2462	Ant0	2483.5	-48	2	49.26	Peak	74	Pass
NVNT	b	2462	Ant0	2483.5	-58.98	2	38.28	Average	54	Pass
NVNT	b	2462	Ant0	2487.28	-46.45	2	50.81	Peak	74	Pass
NVNT	b	2462	Ant0	2486.962	-58.6	2	38.66	Average	54	Pass
NVNT	b	2462	Ant0	2500	-53.24	2	44.02	Peak	74	Pass
NVNT	b	2462	Ant0	2500	-60.05	2	37.21	Average	54	Pass
NVNT	g	2412	Ant0	2310	-50.49	2	46.77	Peak	74	Pass
NVNT	g	2412	Ant0	2310	-59.71	2	37.55	Average	54	Pass
NVNT	g	2412	Ant0	2387.454	-33.18	2	64.08	Peak	74	Pass
NVNT	g	2412	Ant0	2389.794	-50.4	2	46.86	Average	54	Pass
NVNT	g	2412	Ant0	2390	-33.1	2	64.16	Peak	74	Pass
NVNT	g	2412	Ant0	2390	-50.35	2	46.91	Average	54	Pass
NVNT	g	2462	Ant0	2483.5	-35.68	2	61.58	Peak	74	Pass
NVNT	g	2462	Ant0	2483.5	-52.09	2	45.17	Average	54	Pass
NVNT	g	2462	Ant0	2484.259	-31.84	2	65.42	Peak	74	Pass
NVNT	g	2462	Ant0	2483.57	-51.93	2	45.33	Average	54	Pass
NVNT	g	2462	Ant0	2500	-49.63	2	47.63	Peak	74	Pass
NVNT	g	2462	Ant0	2500	-58.36	2	38.9	Average	54	Pass
NVNT	n20	2412	Ant0	2310	-50.13	2	47.13	Peak	74	Pass
NVNT	n20	2412	Ant0	2310	-59.58	2	37.68	Average	54	Pass
NVNT	n20	2412	Ant0	2389.794	-34.78	2	62.48	Peak	74	Pass
NVNT	n20	2412	Ant0	2389.911	-51.16	2	46.1	Average	54	Pass
NVNT	n20	2412	Ant0	2390	-38.8	2	58.46	Peak	74	Pass
NVNT	n20	2412	Ant0	2390	-51.16	2	46.1	Average	54	Pass
NVNT	n20	2462	Ant0	2483.5	-36.33	2	60.93	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.5	-52.58	2	44.68	Average	54	Pass
NVNT	n20	2462	Ant0	2486.856	-34.32	2	62.94	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.517	-52.58	2	44.68	Average	54	Pass
NVNT	n20	2462	Ant0	2500	-48.83	2	48.43	Peak	74	Pass
NVNT	n20	2462	Ant0	2500	-58.53	2	38.73	Average	54	Pass
NVNT	n40	2422	Ant0	2310	-50.92	2	46.34	Peak	74	Pass





NVNT	n40	2422	Ant0	2310	-59.16	2	38.1	Average	54	Pass
NVNT	n40	2422	Ant0	2388.81	-29.98	2	67.28	Peak	74	Pass
NVNT	n40	2422	Ant0	2389.804	-46.73	2	50.53	Average	54	Pass
NVNT	n40	2422	Ant0	2390	-37.02	2	60.24	Peak	74	Pass
NVNT	n40	2422	Ant0	2390	-46.84	2	50.42	Average	54	Pass
NVNT	n40	2452	Ant0	2483.5	-41.57	2	55.69	Peak	74	Pass
NVNT	n40	2452	Ant0	2483.5	-49.11	2	48.15	Average	54	Pass
NVNT	n40	2452	Ant0	2486.506	-33.02	2	64.24	Peak	74	Pass
NVNT	n40	2452	Ant0	2483.542	-49.11	2	48.15	Average	54	Pass
NVNT	n40	2452	Ant0	2500	-44.37	2	52.89	Peak	74	Pass
NVNT	n40	2452	Ant0	2500	-54.83	2	42.43	Average	54	Pass

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-50.51	2	46.75	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-60.29	2	36.97	Average	54	Pass
NVNT	b	2412	Ant1	2388.507	-45.17	2	52.09	Peak	74	Pass
NVNT	b	2412	Ant1	2332.815	-56.23	2	41.03	Average	54	Pass
NVNT	b	2412	Ant1	2390	-47.56	2	49.7	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-57.66	2	39.6	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-47.06	2	50.2	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-56.84	2	40.42	Average	54	Pass
NVNT	b	2462	Ant1	2488.128	-44.39	2	52.87	Peak	74	Pass
NVNT	b	2462	Ant1	2484.206	-56.26	2	41	Average	54	Pass
NVNT	b	2462	Ant1	2500	-47.8	2	49.46	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-57.92	2	39.34	Average	54	Pass
NVNT	g	2412	Ant1	2310	-50.28	2	46.98	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-59.44	2	37.82	Average	54	Pass
NVNT	g	2412	Ant1	2388.858	-39.85	2	57.41	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-52.87	2	44.39	Average	54	Pass
NVNT	g	2412	Ant1	2390	-41.69	2	55.57	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-52.74	2	44.52	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-37.49	2	59.77	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-51.57	2	45.69	Average	54	Pass
NVNT	g	2462	Ant1	2483.888	-36.92	2	60.34	Peak	74	Pass
NVNT	g	2462	Ant1	2483.676	-51.56	2	45.7	Average	54	Pass
NVNT	g	2462	Ant1	2500	-47.4	2	49.86	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-56.34	2	40.92	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-47.22	2	50.04	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-59.54	2	37.72	Average	54	Pass
NVNT	n20	2412	Ant1	2389.326	-38.93	2	58.33	Peak	74	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



NVNT	n20	2412	Ant1	2389.911	-53.15	2	44.11	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-42.94	2	54.32	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-53.09	2	44.17	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-43.49	2	53.77	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-54.74	2	42.52	Average	54	Pass
NVNT	n20	2462	Ant1	2484.948	-39.47	2	57.79	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.623	-54.54	2	42.72	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-48.45	2	48.81	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-57.3	2	39.96	Average	54	Pass
NVNT	n40	2422	Ant1	2310	-50.18	2	47.08	Peak	74	Pass
NVNT	n40	2422	Ant1	2310	-59.18	2	38.08	Average	54	Pass
NVNT	n40	2422	Ant1	2384.124	-39.75	2	57.51	Peak	74	Pass
NVNT	n40	2422	Ant1	2389.946	-51.32	2	45.94	Average	54	Pass
NVNT	n40	2422	Ant1	2390	-41.1	2	56.16	Peak	74	Pass
NVNT	n40	2422	Ant1	2390	-51.27	2	45.99	Average	54	Pass
NVNT	n40	2452	Ant1	2483.5	-43.15	2	54.11	Peak	74	Pass
NVNT	n40	2452	Ant1	2483.5	-53.04	2	44.22	Average	54	Pass
NVNT	n40	2452	Ant1	2488.222	-42.01	2	55.25	Peak	74	Pass
NVNT	n40	2452	Ant1	2483.854	-52.87	2	44.39	Average	54	Pass
NVNT	n40	2452	Ant1	2500	-47.15	2	50.11	Peak	74	Pass
NVNT	n40	2452	Ant1	2500	-56.1	2	41.16	Average	54	Pass





MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Covert Radiated E Level			Ground Reflection Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
				At 3m (dBuV/m))							
				ANT0	ANT1	ANT0+ANT1					
NVNT	n20	2412	2310	-50.13	-47.22	-45.43	0	49.80	Peak	74	Pass
NVNT	n20	2412	2310	-59.58	-59.54	-56.55	0	38.68	Average	54	Pass
NVNT	n20	2412	2389.794	-34.78	-38.93	-33.37	0	61.86	Peak	74	Pass
NVNT	n20	2412	2389.911	-51.16	-53.15	-49.03	0	46.20	Average	54	Pass
NVNT	n20	2412	2390	-38.8	-42.94	-37.38	0	57.84	Peak	74	Pass
NVNT	n20	2412	2390	-51.16	-53.09	-49.01	0	46.22	Average	54	Pass
NVNT	n20	2462	2483.5	-36.33	-43.49	-35.57	0	59.66	Peak	74	Pass
NVNT	n20	2462	2483.5	-52.58	-54.74	-50.52	0	44.71	Average	54	Pass
NVNT	n20	2462	2486.856	-34.32	-39.47	-33.16	0	62.07	Peak	74	Pass
NVNT	n20	2462	2483.517	-52.58	-54.54	-50.44	0	44.79	Average	54	Pass
NVNT	n20	2462	2500	-48.83	-48.45	-45.63	0	49.60	Peak	74	Pass
NVNT	n20	2462	2500	-58.53	-57.3	-54.86	0	40.37	Average	54	Pass
NVNT	n40	2422	2310	-50.92	-50.18	-47.52	0	47.70	Peak	74	Pass
NVNT	n40	2422	2310	-59.16	-59.18	-56.16	0	39.07	Average	54	Pass
NVNT	n40	2422	2388.81	-29.98	-39.75	-29.54	0	65.68	Peak	74	Pass
NVNT	n40	2422	2389.804	-46.73	-51.32	-45.43	0	49.79	Average	54	Pass
NVNT	n40	2422	2390	-37.02	-41.1	-35.59	0	59.64	Peak	74	Pass
NVNT	n40	2422	2390	-46.84	-51.27	-45.50	0	49.72	Average	54	Pass
NVNT	n40	2452	2483.5	-41.57	-43.15	-39.28	0	55.95	Peak	74	Pass
NVNT	n40	2452	2483.5	-49.11	-53.04	-47.63	0	47.59	Average	54	Pass
NVNT	n40	2452	2486.506	-33.02	-42.01	-32.50	0	62.72	Peak	74	Pass
NVNT	n40	2452	2483.542	-49.11	-52.87	-47.58	0	47.64	Average	54	Pass
NVNT	n40	2452	2500	-44.37	-47.15	-42.53	0	52.70	Peak	74	Pass
NVNT	n40	2452	2500	-54.83	-56.1	-52.41	0	42.82	Average	54	Pass

Note: The Antenna Gain is compensated in the graph

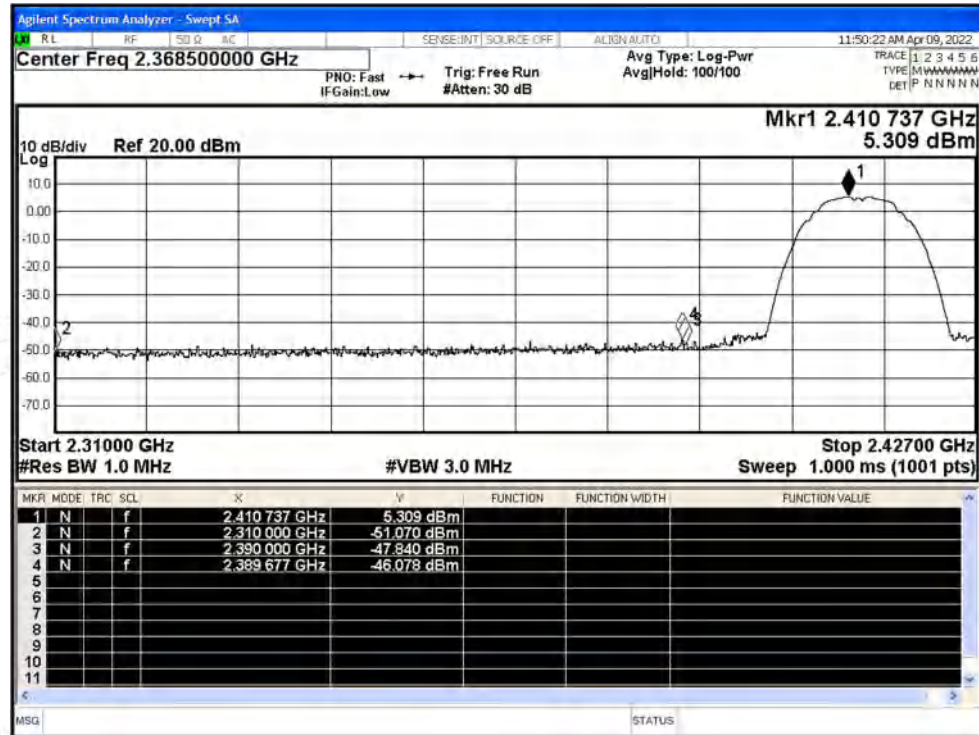


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

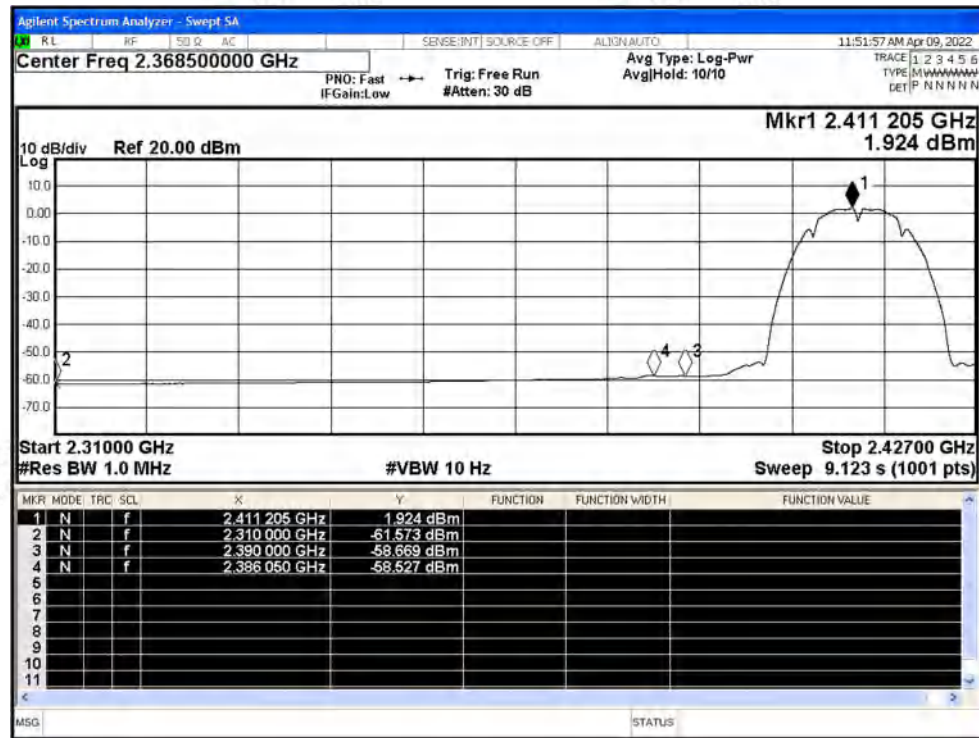


Test Graphs

Restrict Band NVNT b 2412MHz Ant0 Peak

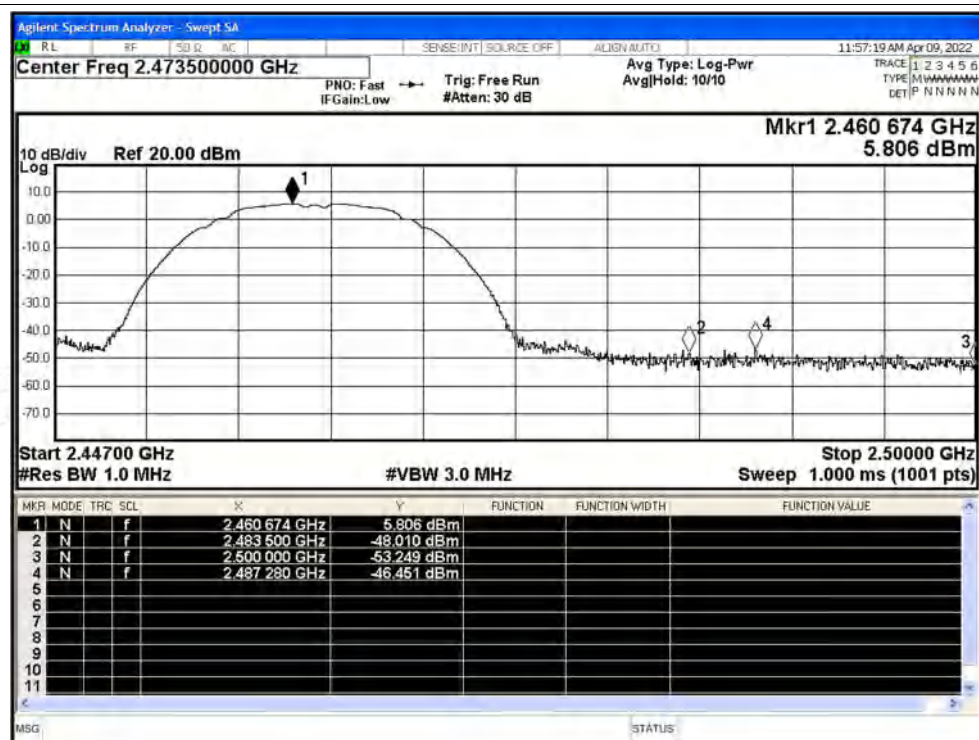


Restrict Band NVNT b 2412MHz Ant0 Average

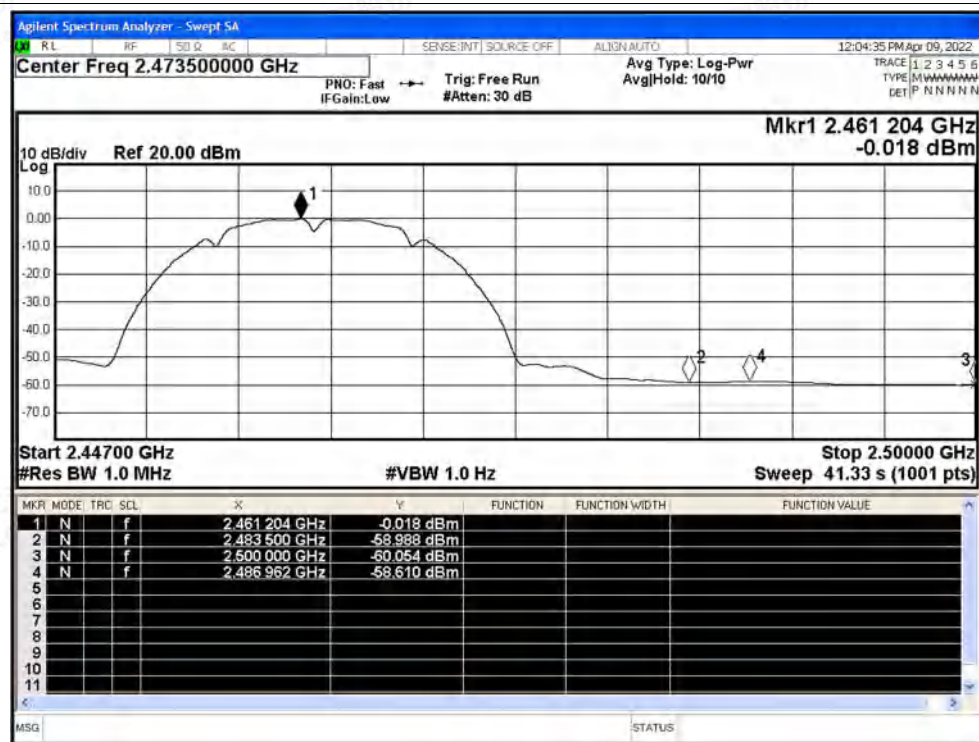




Restrict Band NVNT b 2462MHz Ant0 Peak

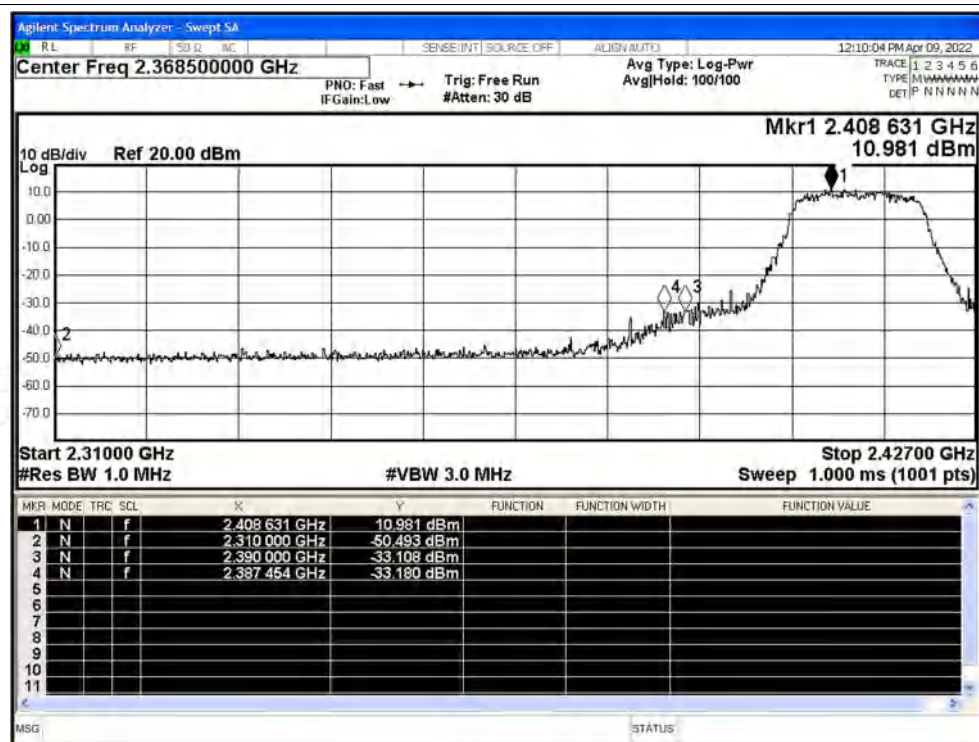


Restrict Band NVNT b 2462MHz Ant0 Average

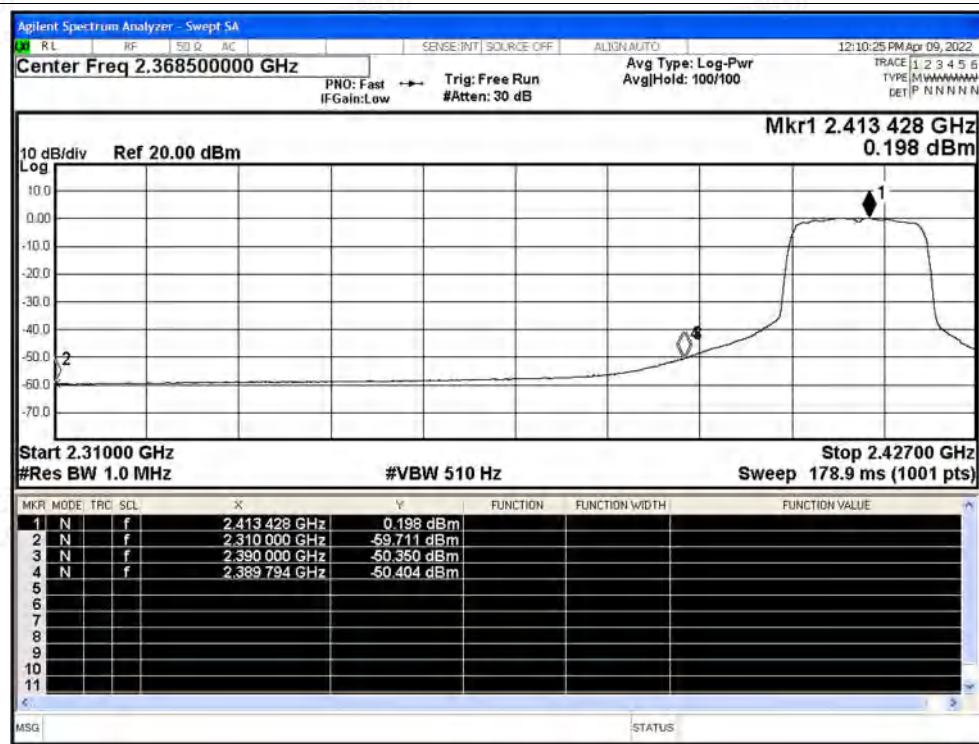




Restrict Band NVNT g 2412MHz Ant0 Peak

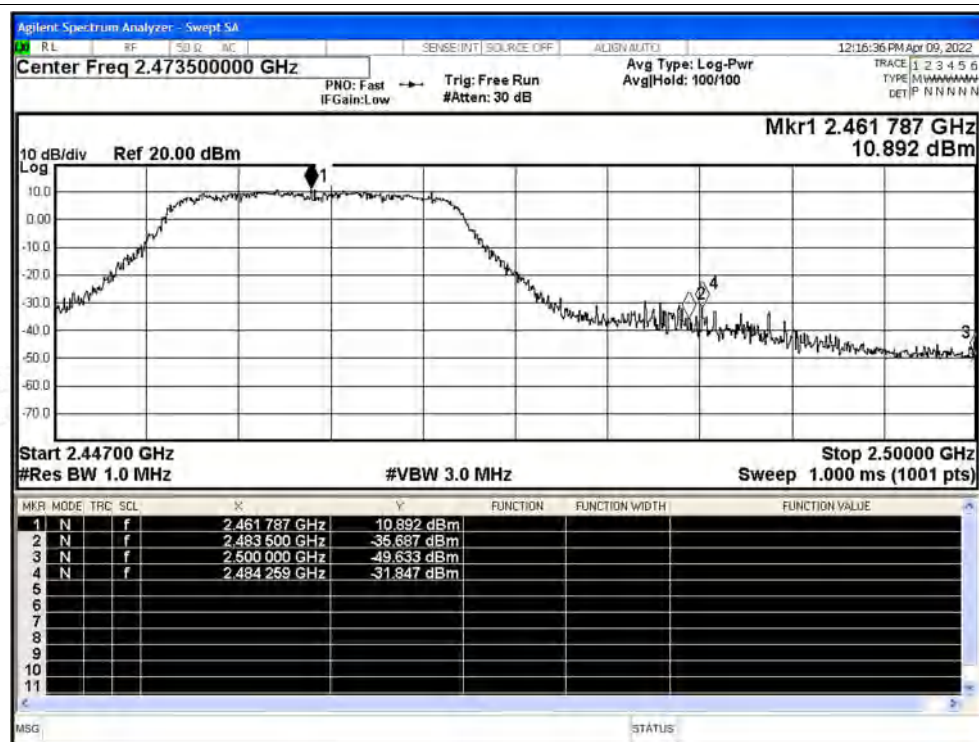


Restrict Band NVNT g 2412MHz Ant0 Average

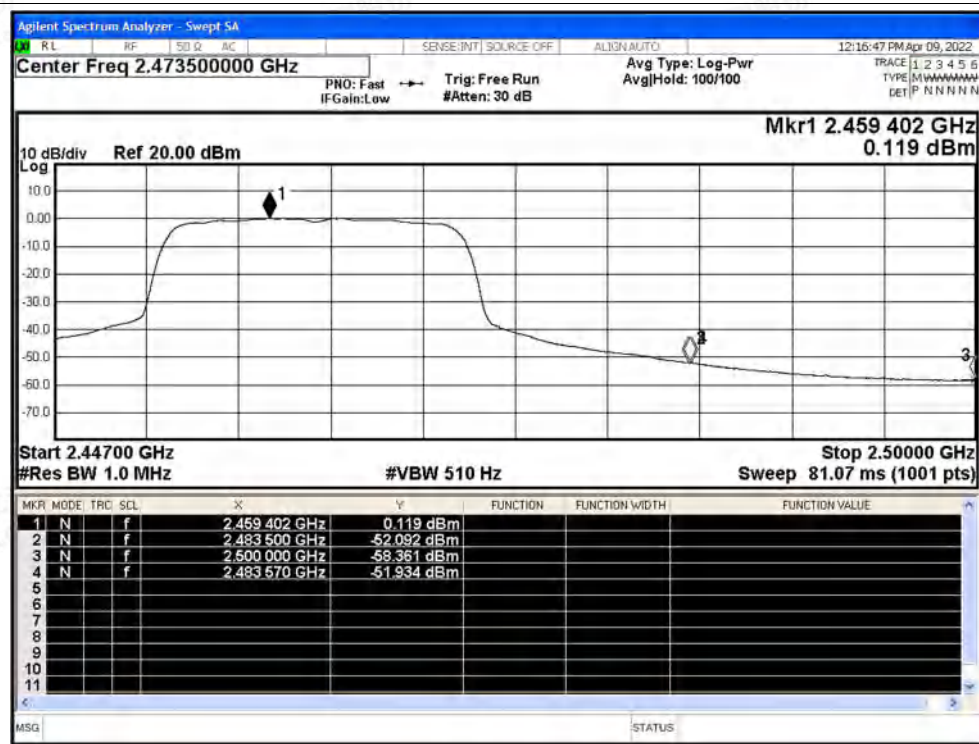




Restrict Band NVNT g 2462MHz Ant0 Peak



Restrict Band NVNT g 2462MHz Ant0 Average

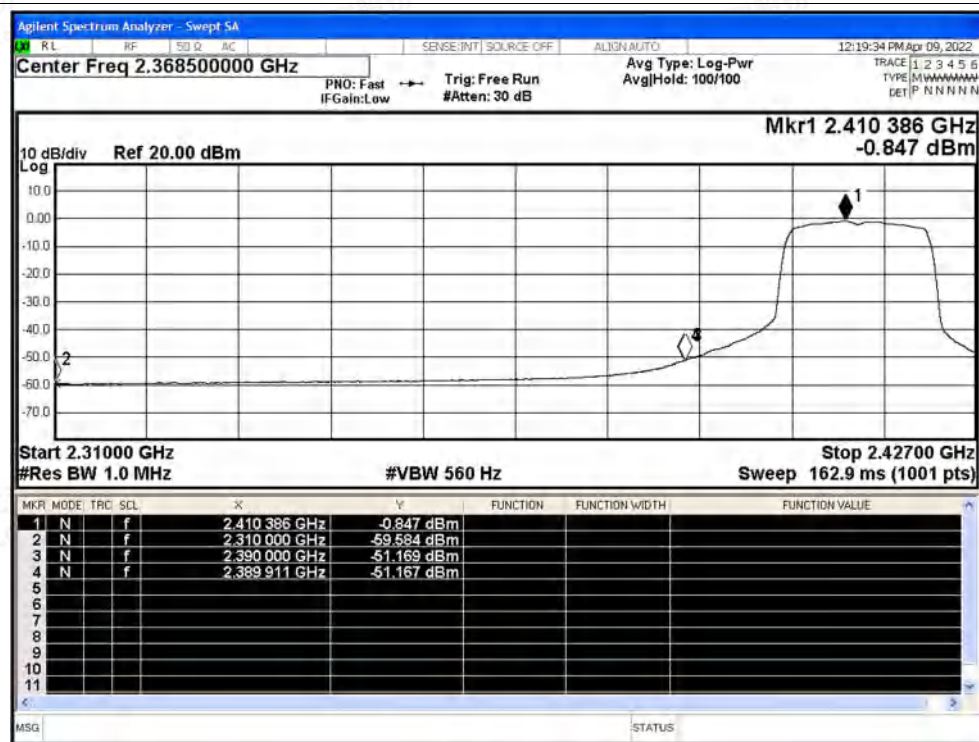




Restrict Band NVNT n20 2412MHz Ant0 Peak

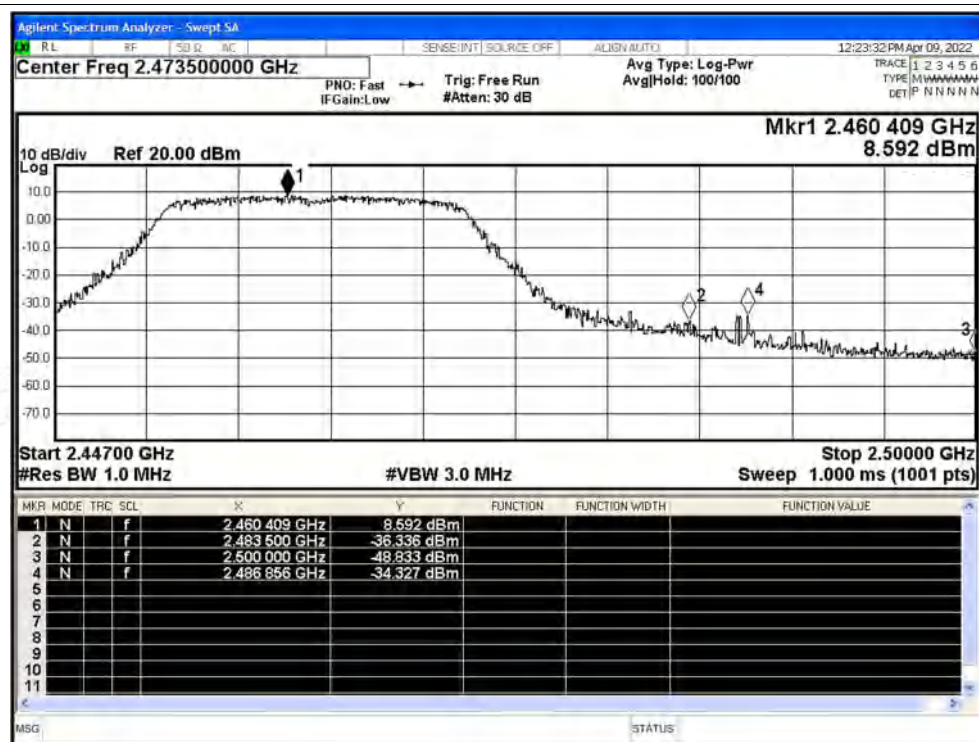


Restrict Band NVNT n20 2412MHz Ant0 Average

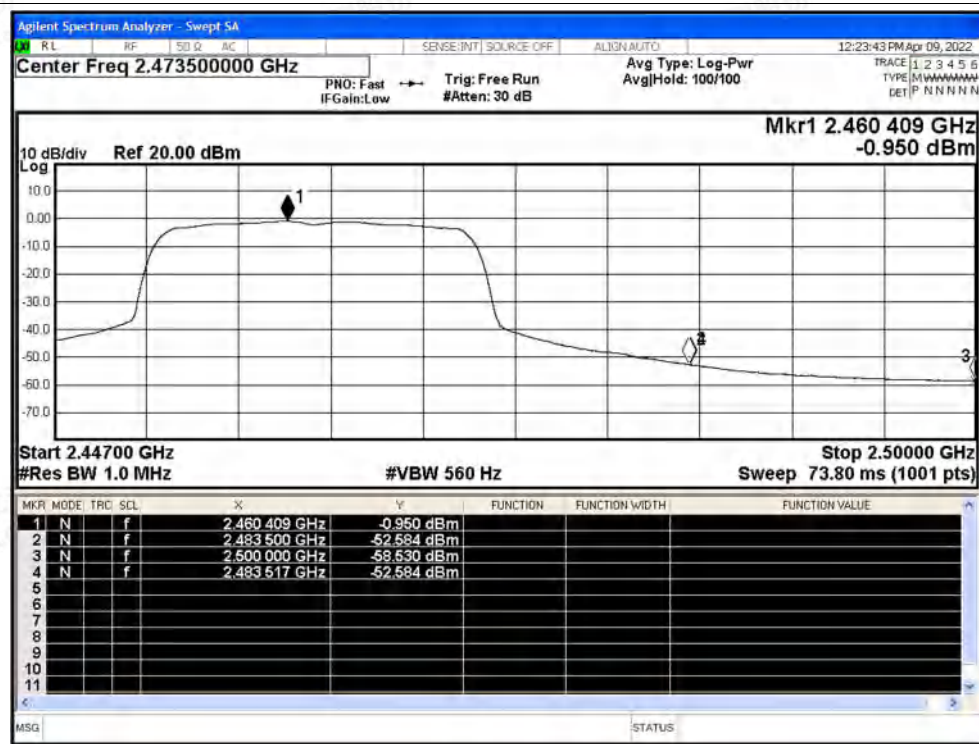




Restrict Band NVNT n20 2462MHz Ant0 Peak



Restrict Band NVNT n20 2462MHz Ant0 Average

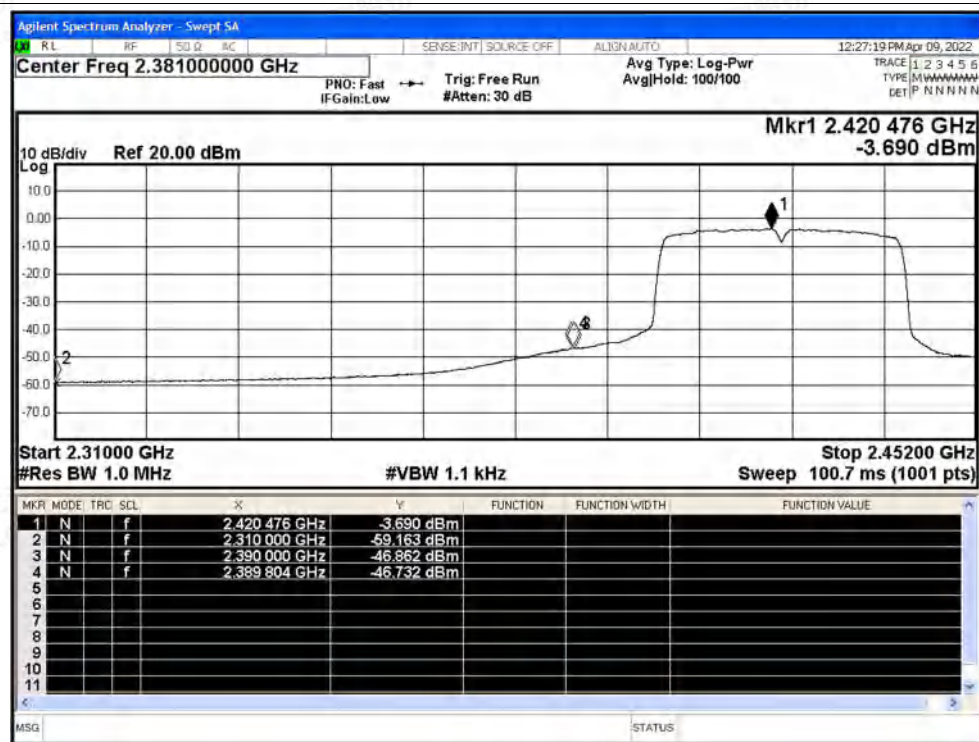




Restrict Band NVNT n40 2422MHz Ant0 Peak

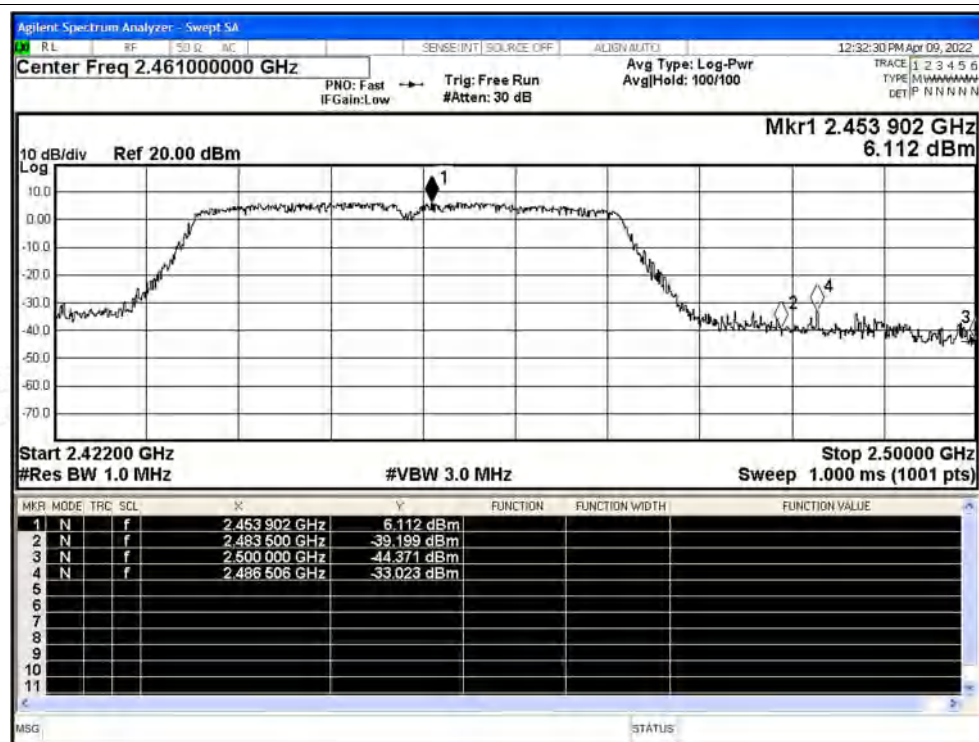


Restrict Band NVNT n40 2422MHz Ant0 Average

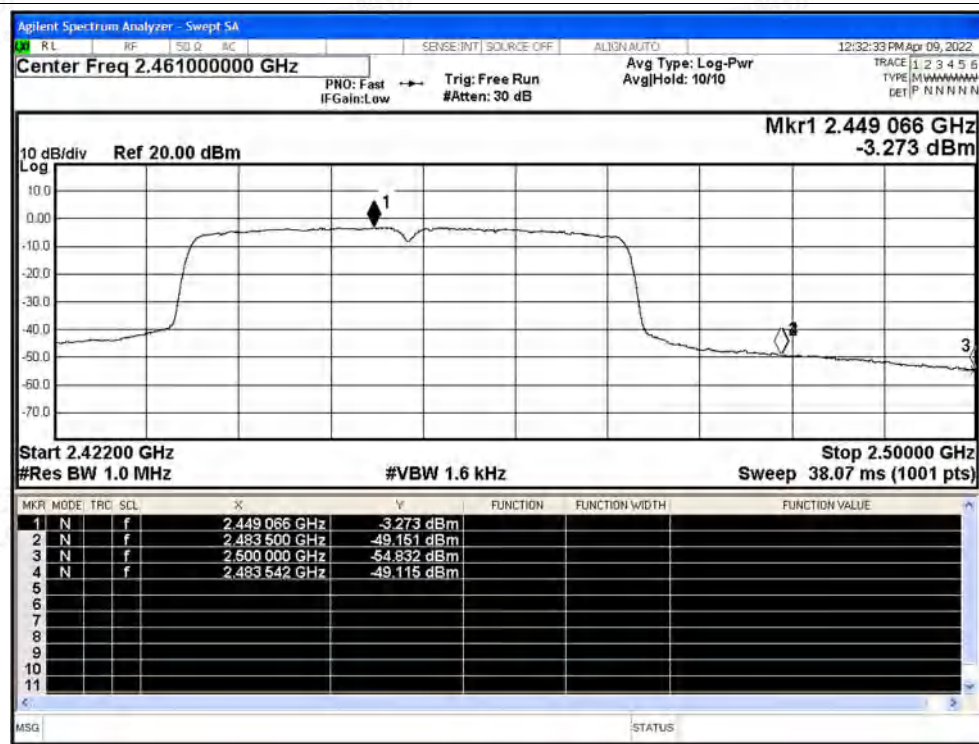




Restrict Band NVNT n40 2452MHz Ant0 Peak



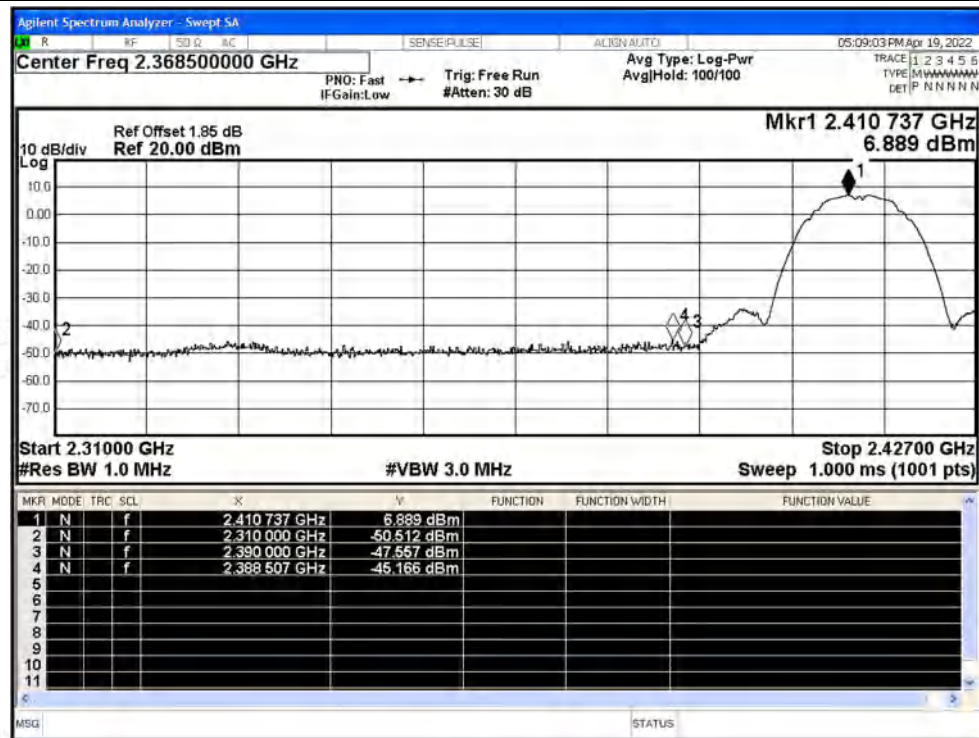
Restrict Band NVNT n40 2452MHz Ant0 Average



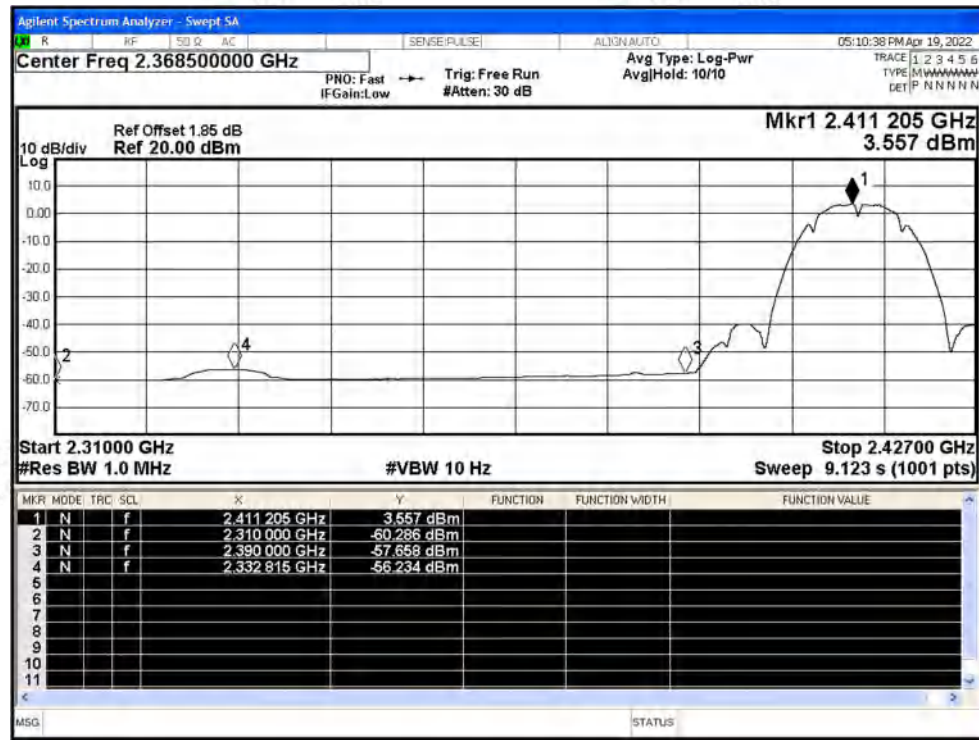


Test Graphs

Restrict Band NVNT b 2412MHz Ant1 Peak

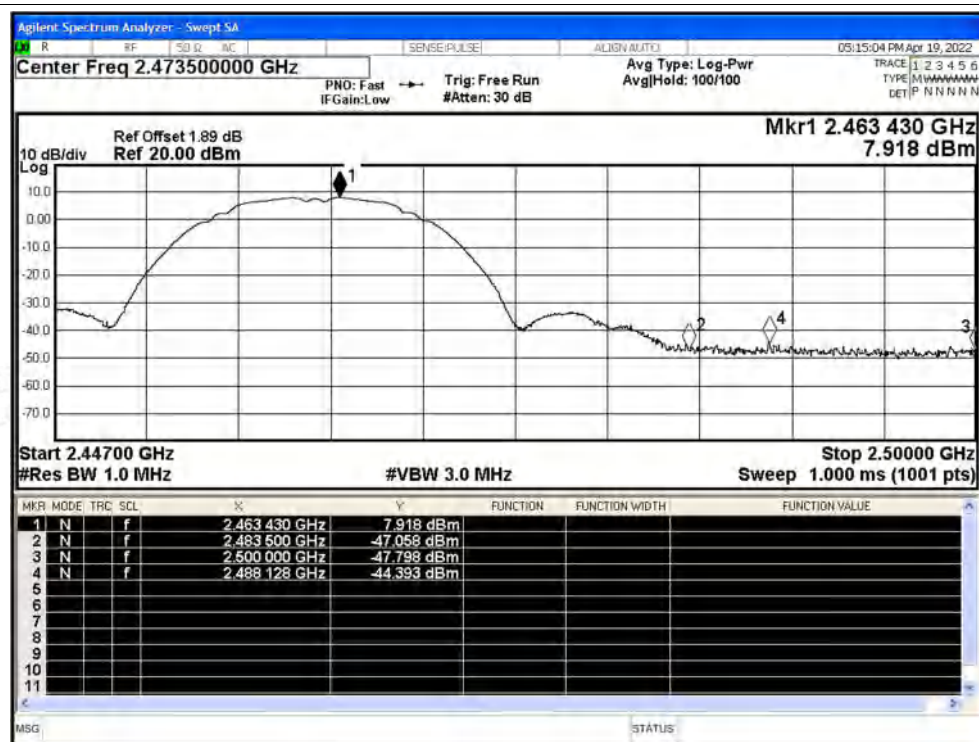


Restrict Band NVNT b 2412MHz Ant1 Average

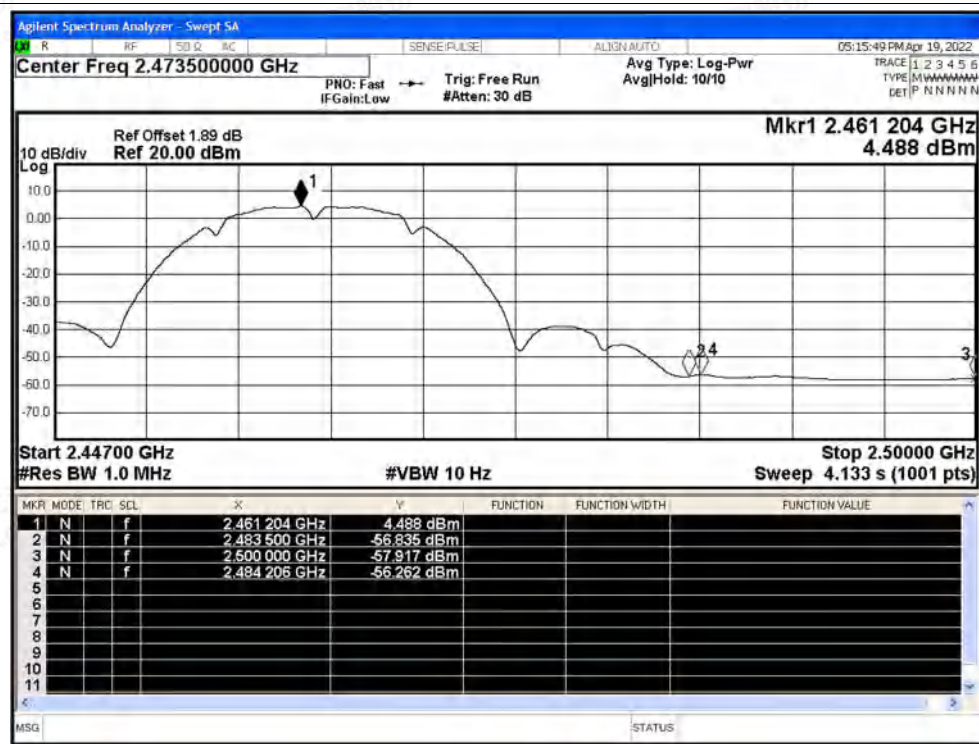




Restrict Band NVNT b 2462MHz Ant1 Peak

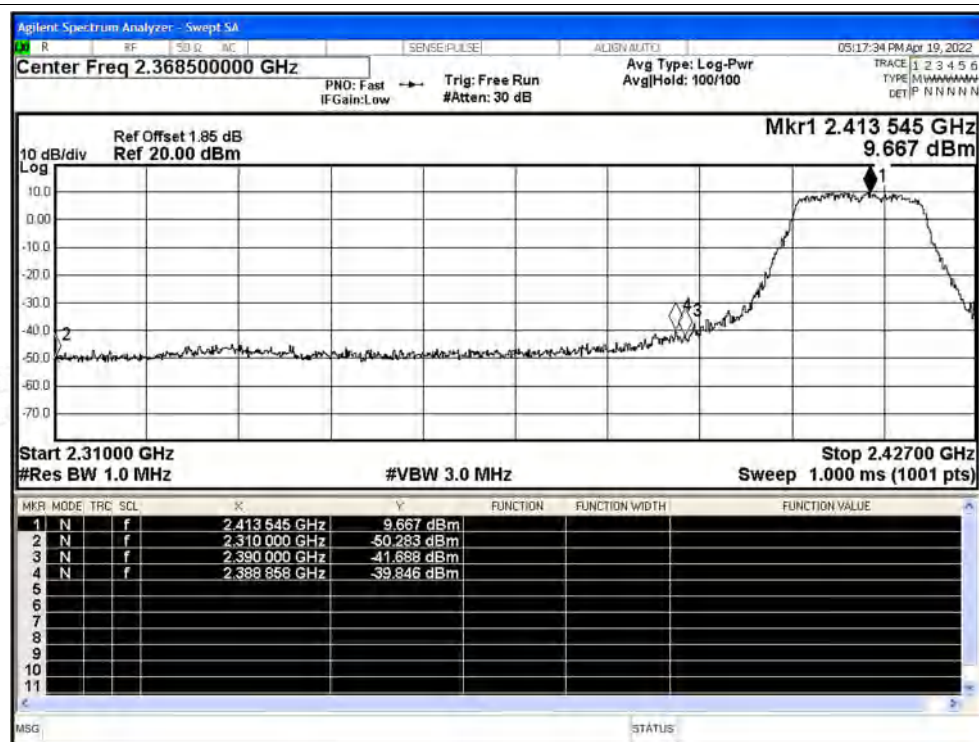


Restrict Band NVNT b 2462MHz Ant1 Average

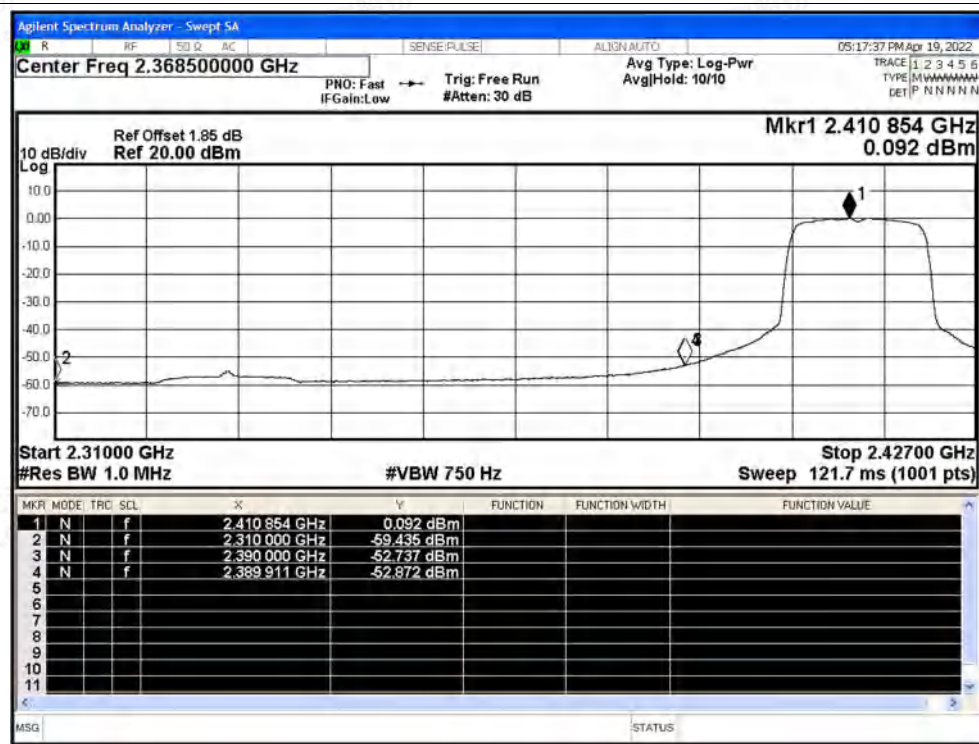




Restrict Band NVNT g 2412MHz Ant1 Peak

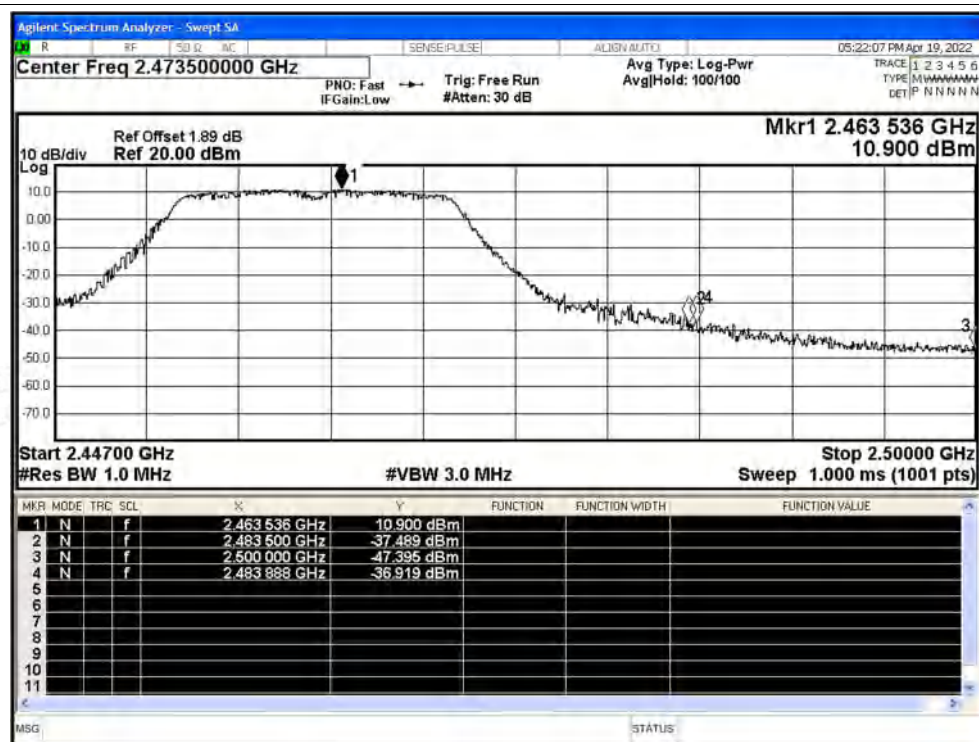


Restrict Band NVNT g 2412MHz Ant1 Average

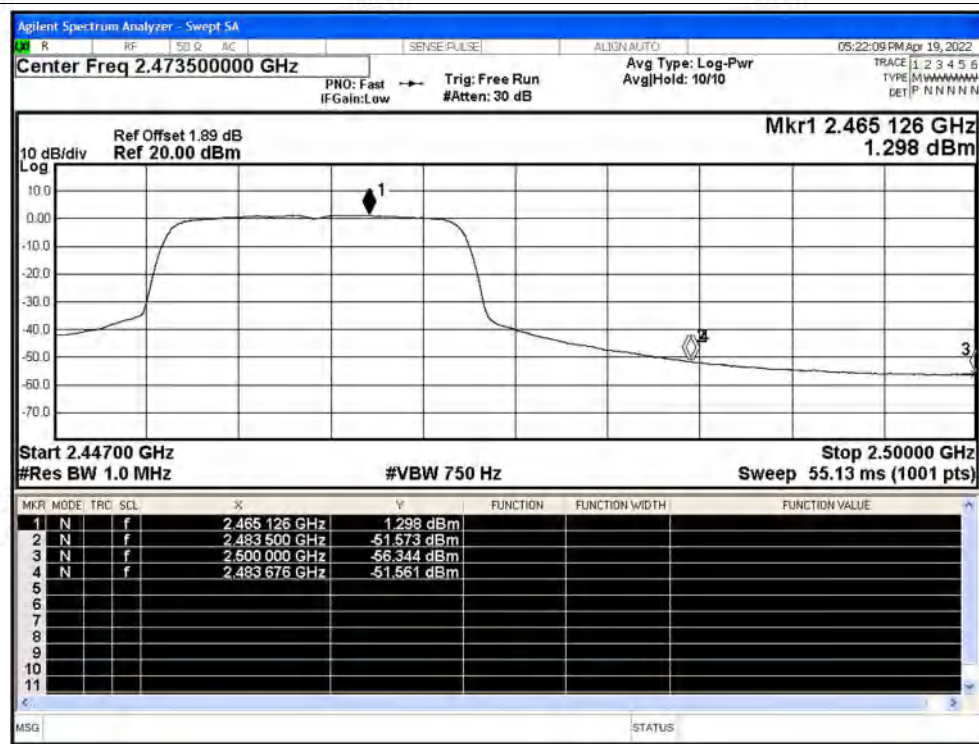




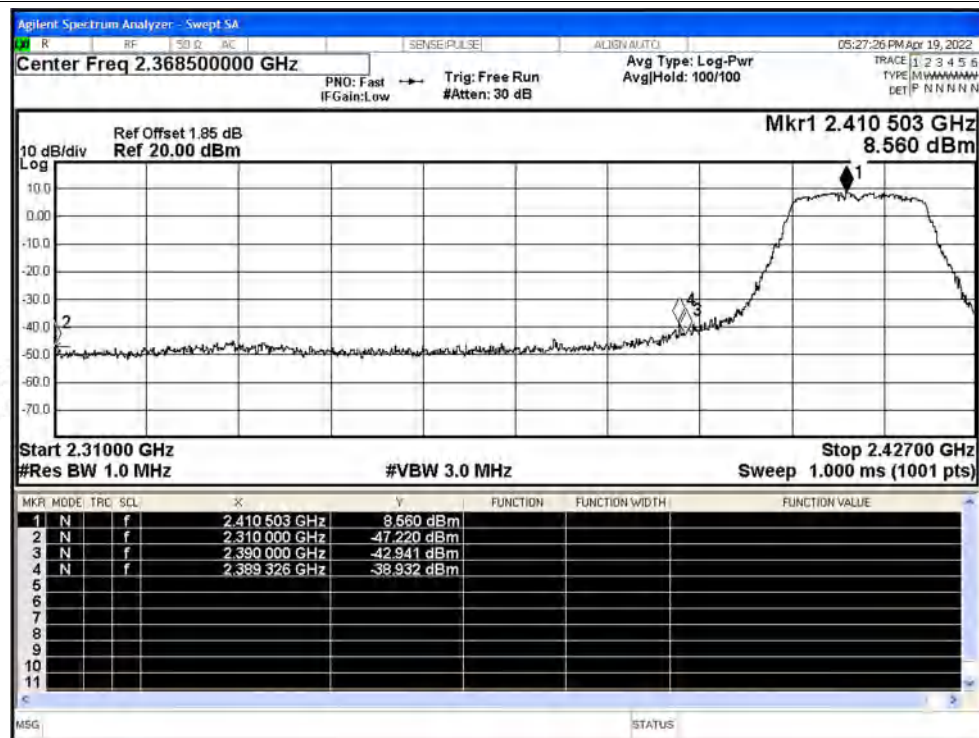
Restrict Band NVNT g 2462MHz Ant1 Peak



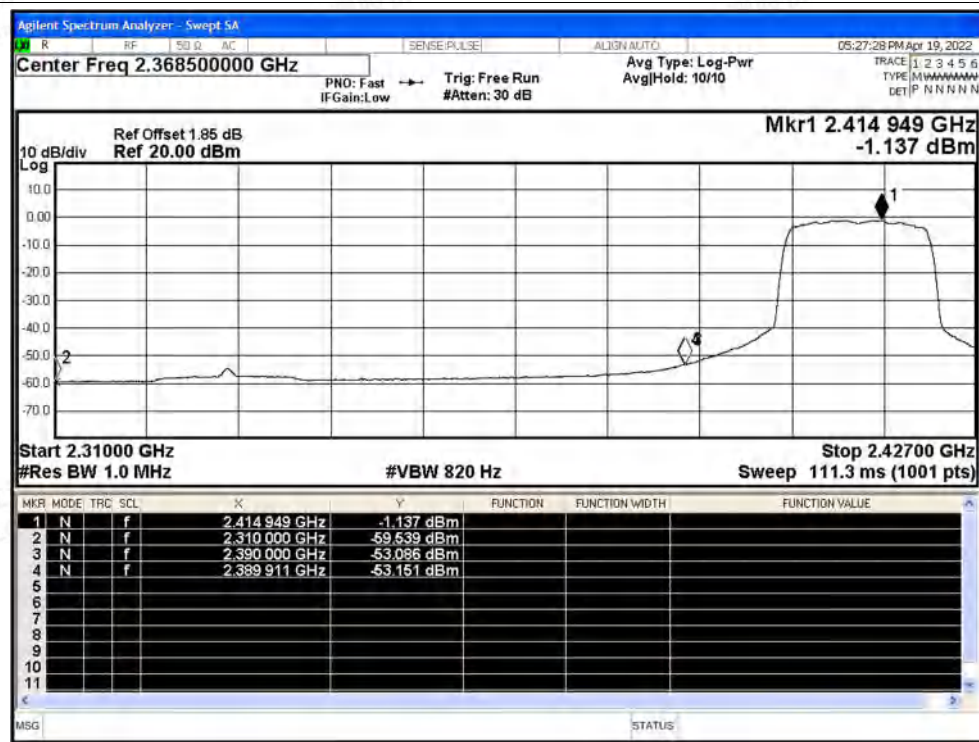
Restrict Band NVNT g 2462MHz Ant1 Average



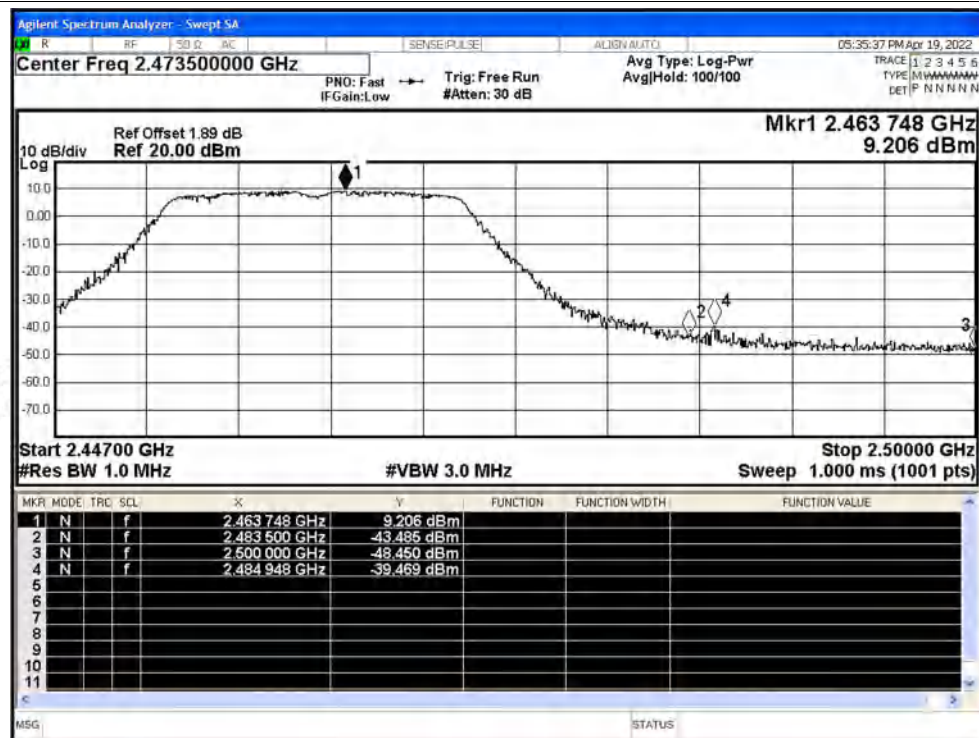
Restrict Band NVNT n20 2412MHz Ant1 Peak



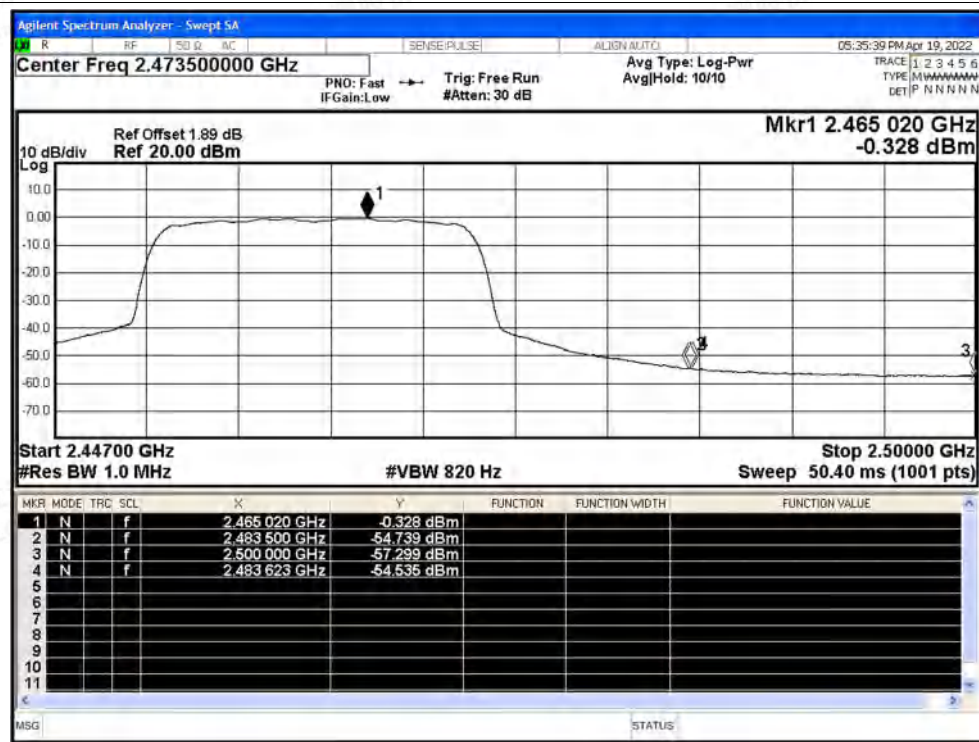
Restrict Band NVNT n20 2412MHz Ant1 Average



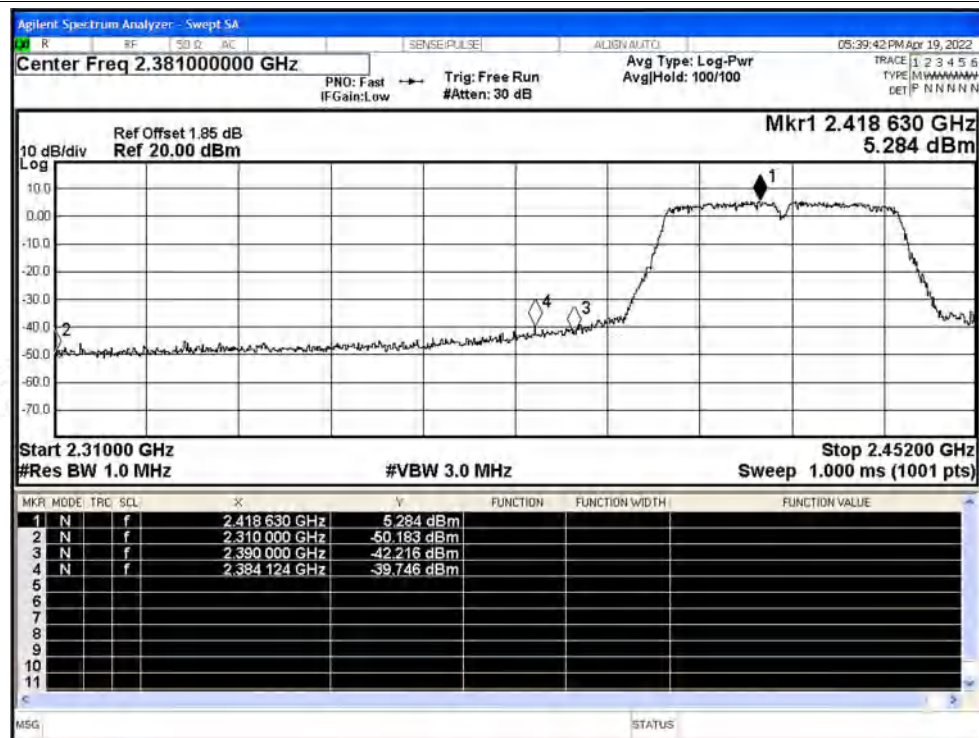
Restrict Band NVNT n20 2462MHz Ant1 Peak



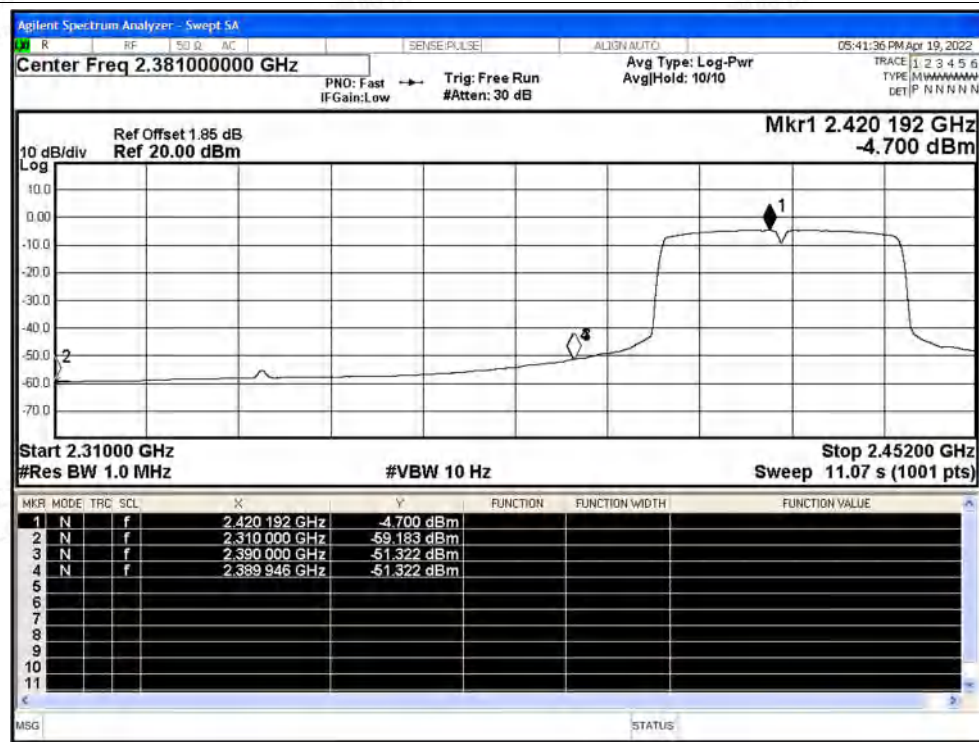
Restrict Band NVNT n20 2462MHz Ant1 Average



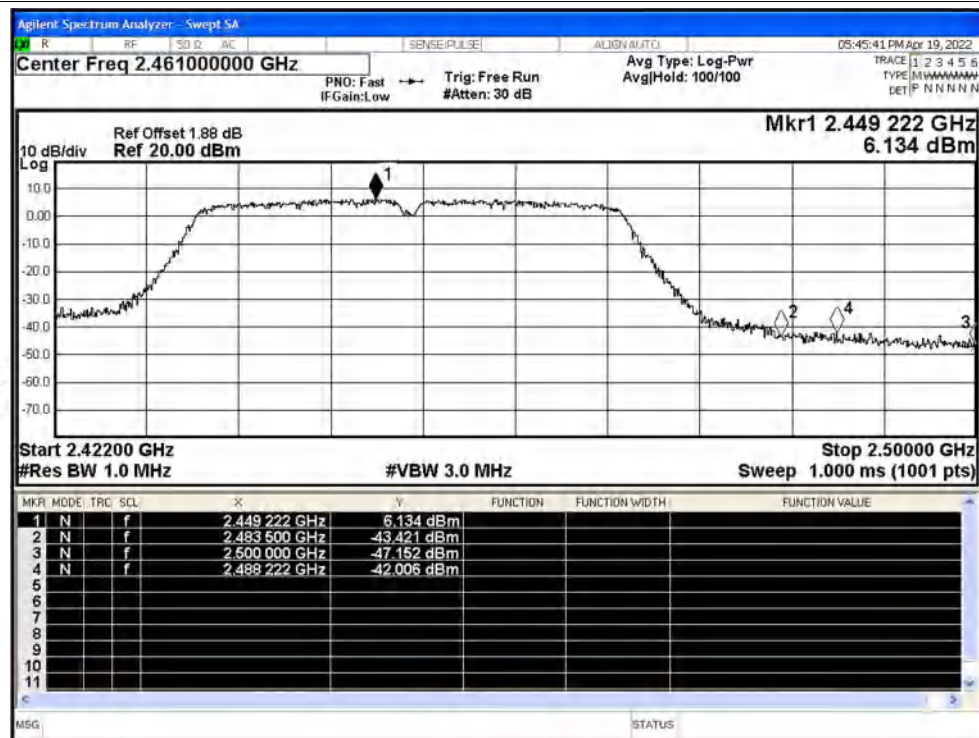
Restrict Band NVNT n40 2422MHz Ant1 Peak



Restrict Band NVNT n40 2422MHz Ant1 Average



Restrict Band NVNT n40 2452MHz Ant1 Peak



Restrict Band NVNT n40 2452MHz Ant1 Average

