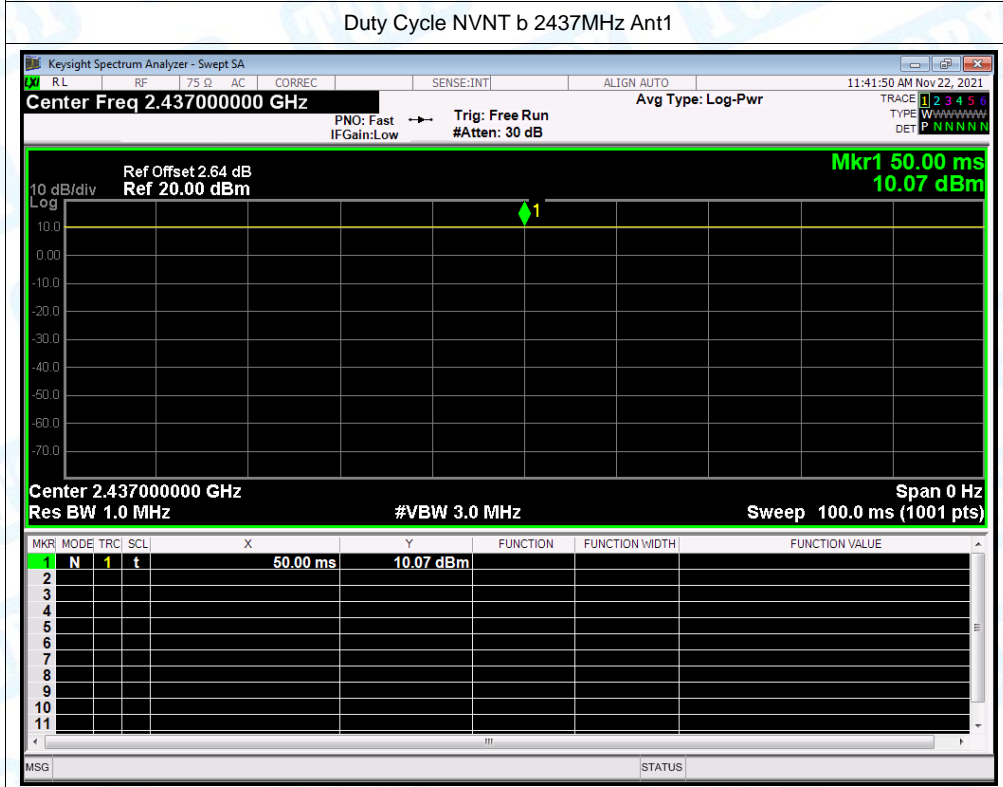
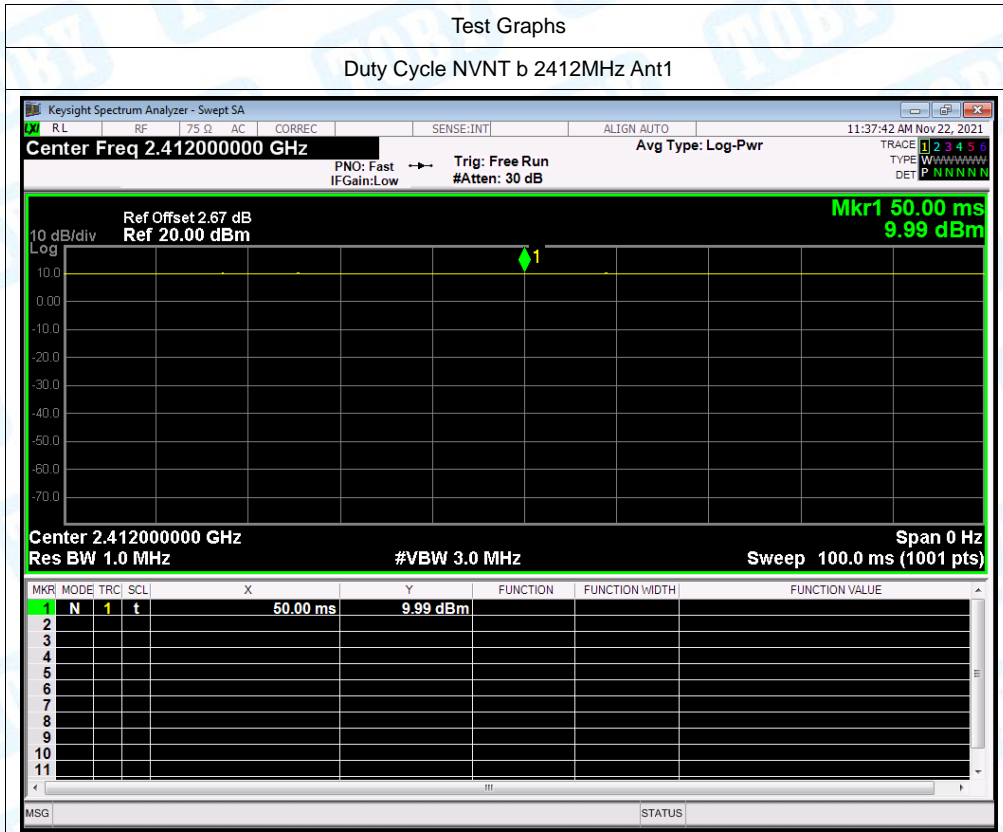


# RF Test Data for 2.4G WiFi (Conducted Measurements)

General Description of EUT	
<b>Product Name:</b>	Wireless Camera
<b>Test Model:</b>	CL794
<b>Sample ID:</b>	20211014-10-2#
Environmental Conditions	
<b>Temperature:</b>	24°C
<b>Relative Humidity:</b>	50%
<b>Test Voltage:</b>	DC9V
<b>Test Engineer:</b>	Hejingchang
Note: For a more detailed features description, please refer to the report TB-FCC184772	

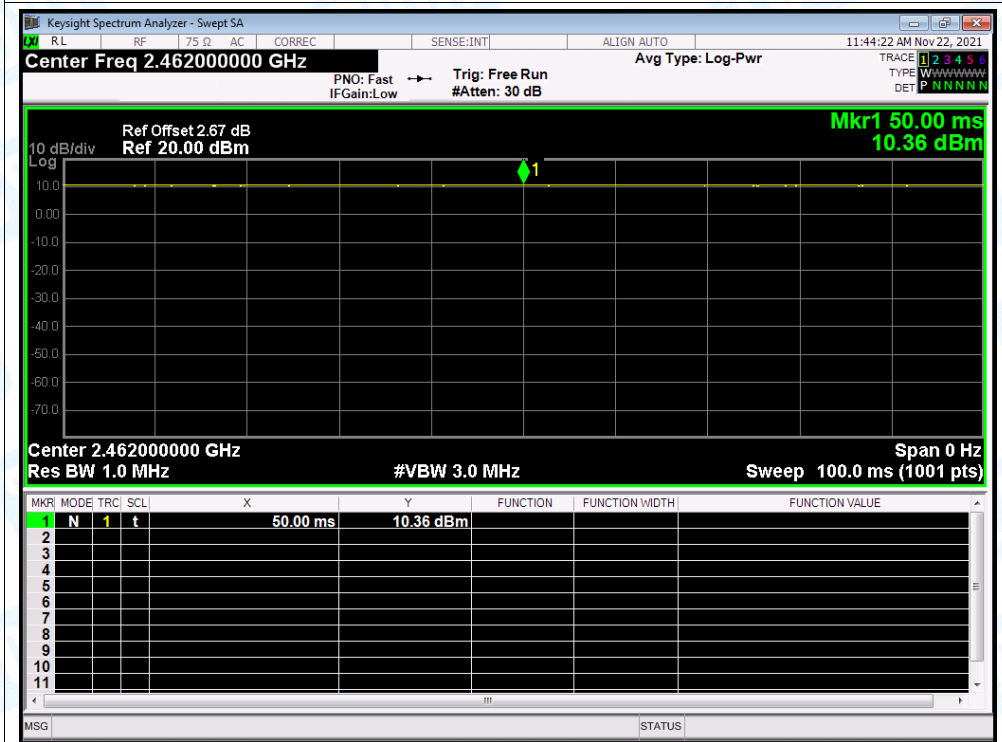
## 1. Duty Cycle

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

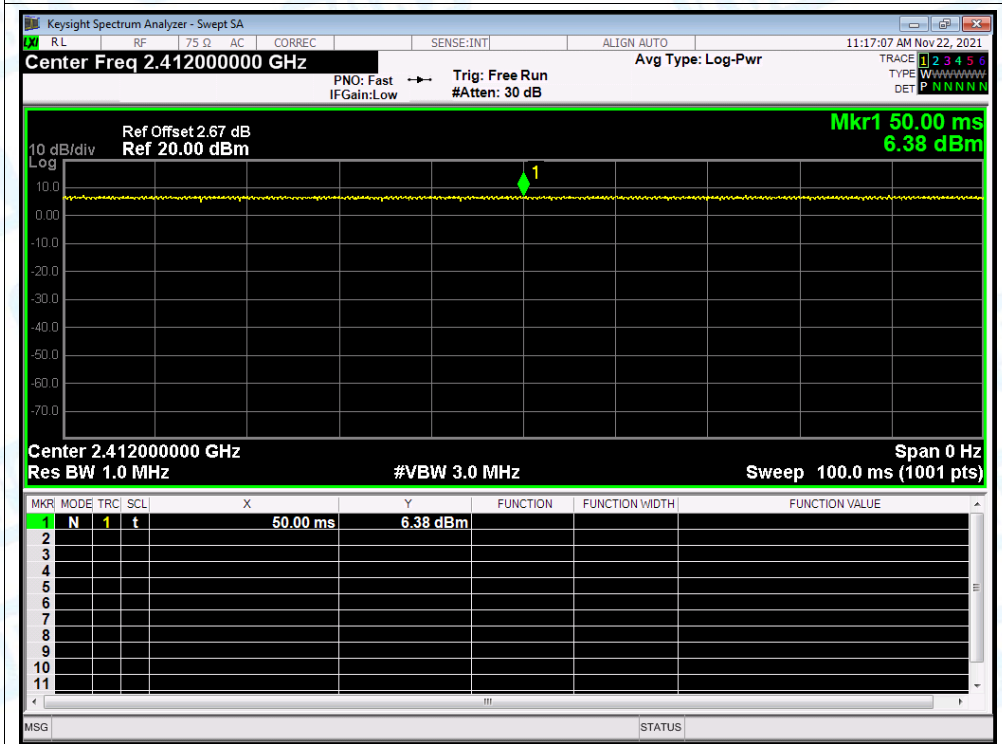




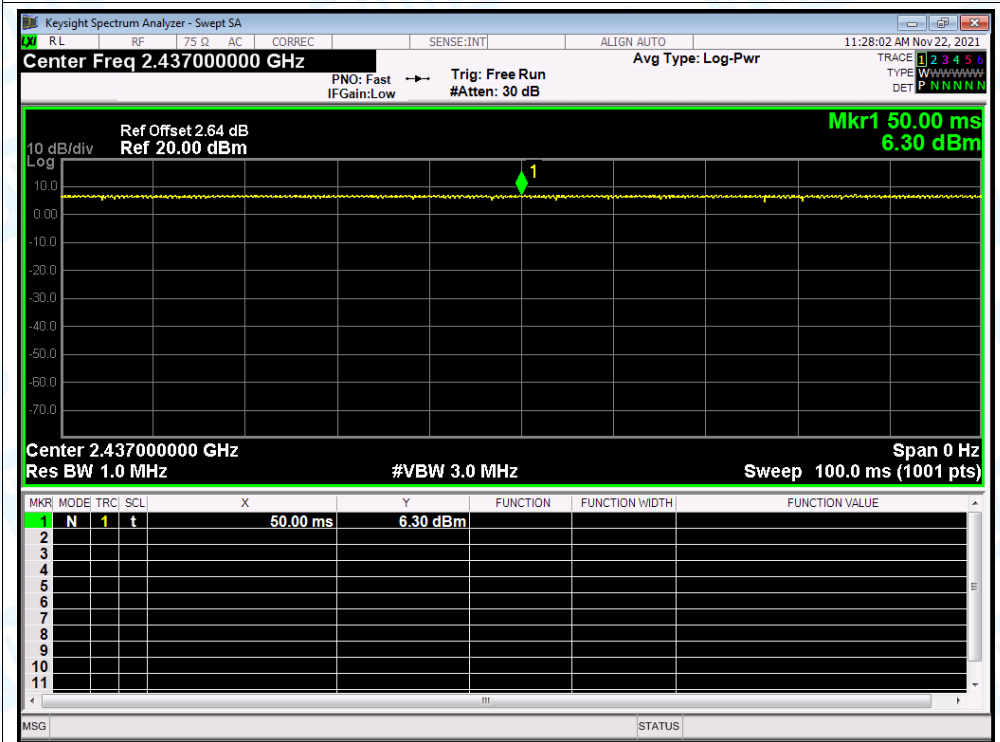
Duty Cycle NVNT b 2462MHz Ant1



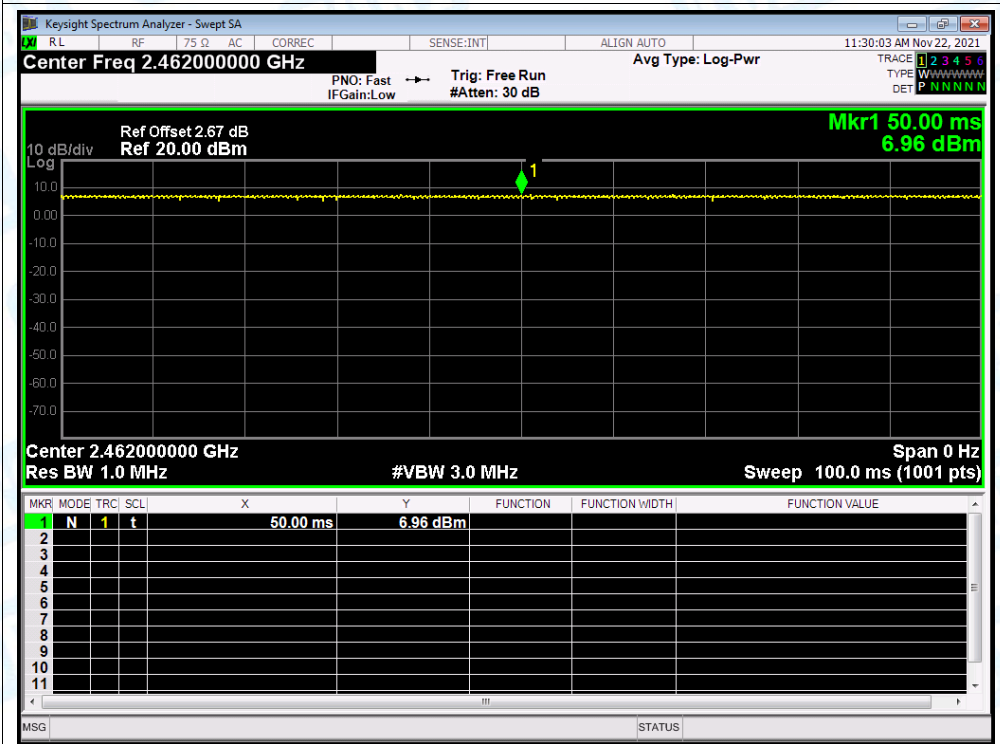
Duty Cycle NVNT g 2412MHz Ant1



Duty Cycle NVNT g 2437MHz Ant1



Duty Cycle NVNT g 2462MHz Ant1





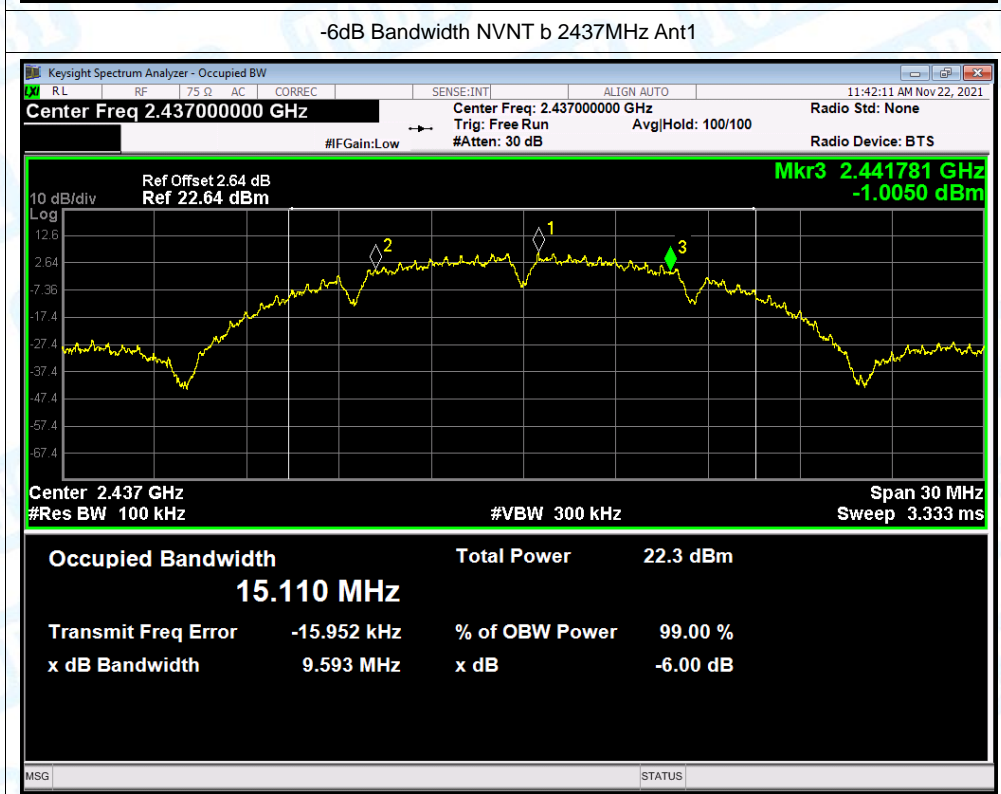
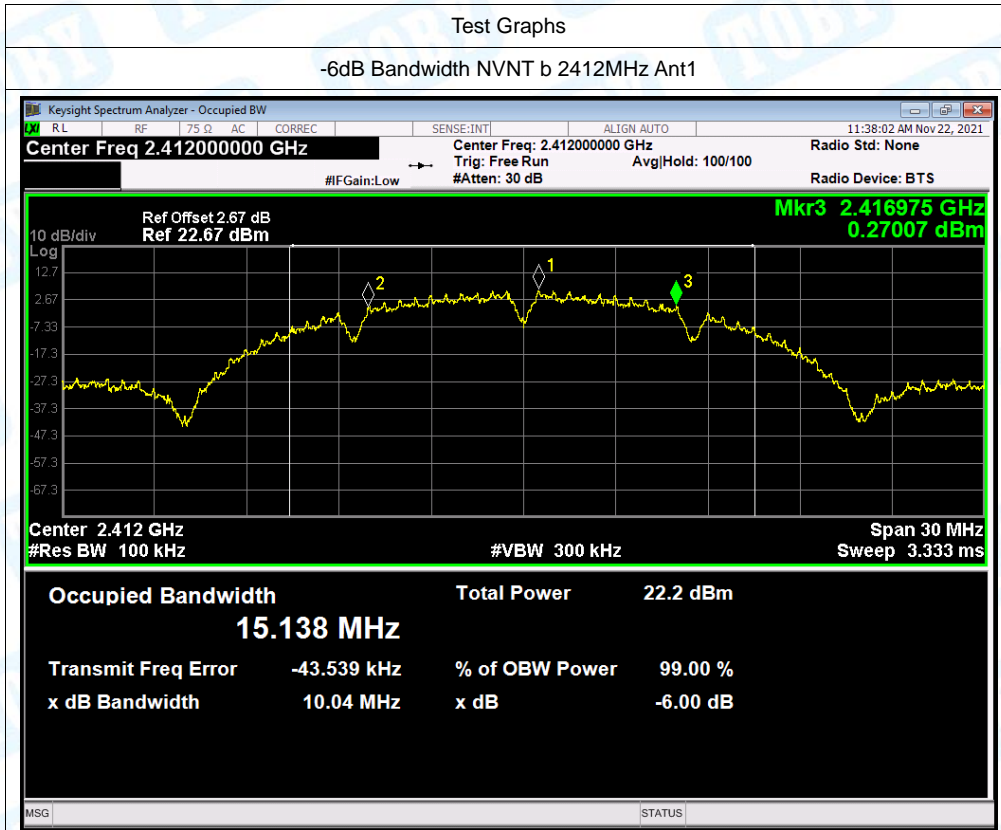
## 2. Maximum Conducted Output Power

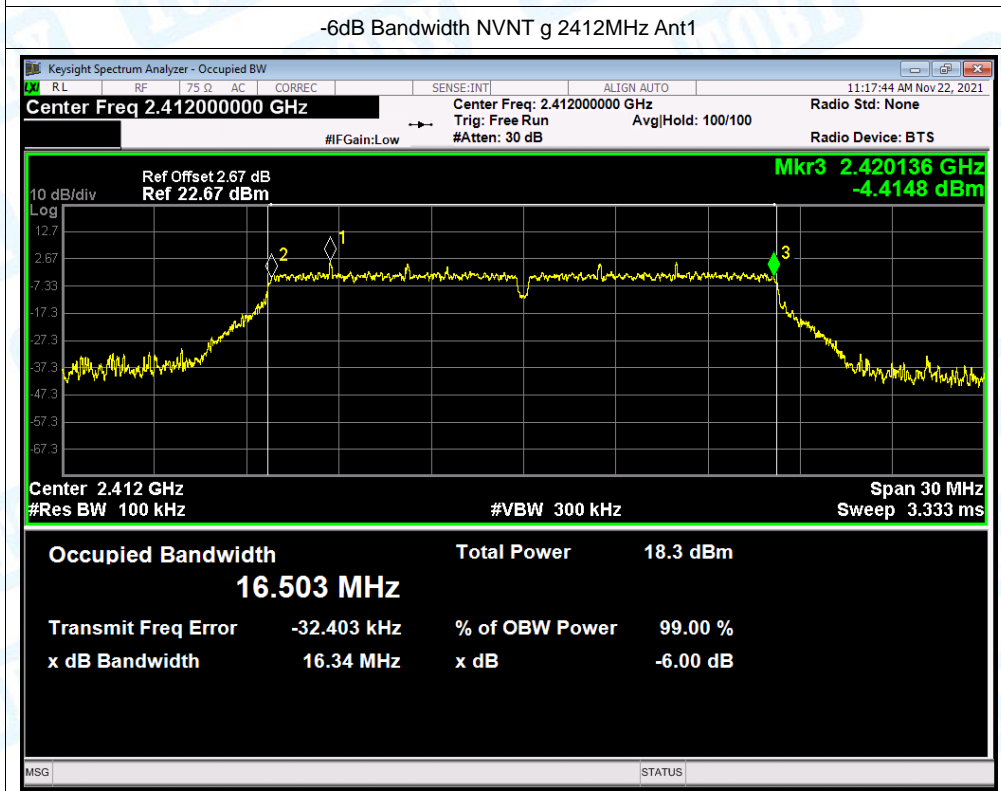
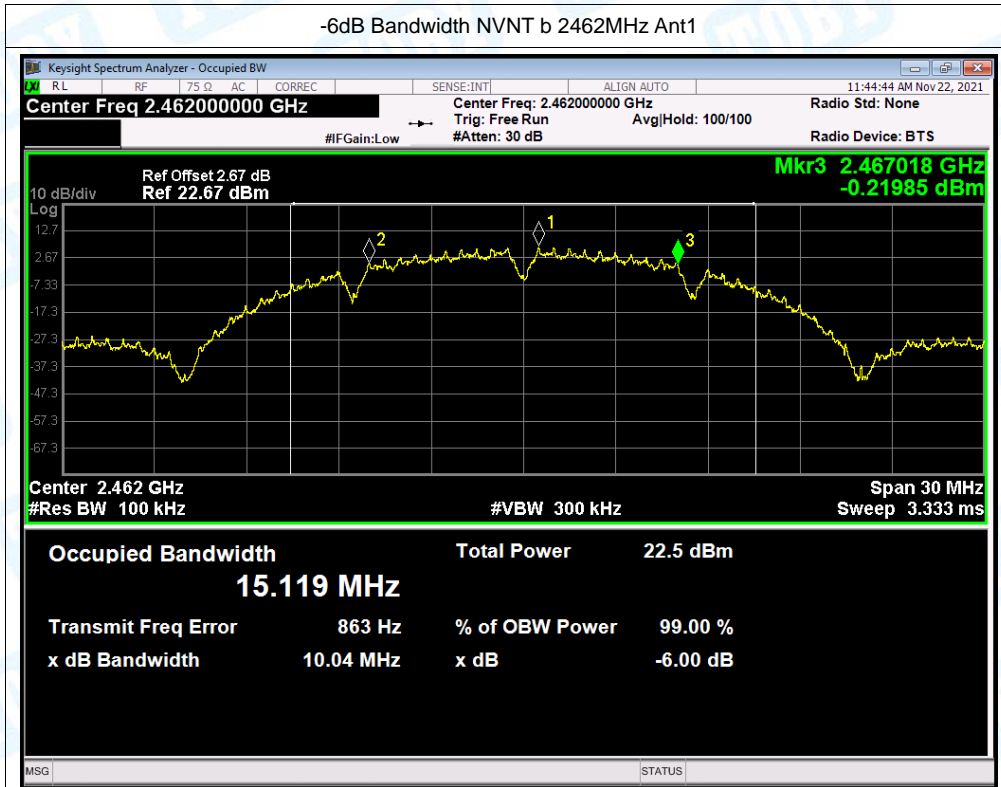
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	17.276	0	17.276	30	Pass
NVNT	b	2437	Ant1	17.353	0	17.353	30	Pass
NVNT	b	2462	Ant1	17.636	0	17.636	30	Pass
NVNT	g	2412	Ant1	17.157	0	17.157	30	Pass
NVNT	g	2437	Ant1	17.27	0	17.27	30	Pass
NVNT	g	2462	Ant1	17.552	0	17.552	30	Pass

### 3.-6dB Bandwidth

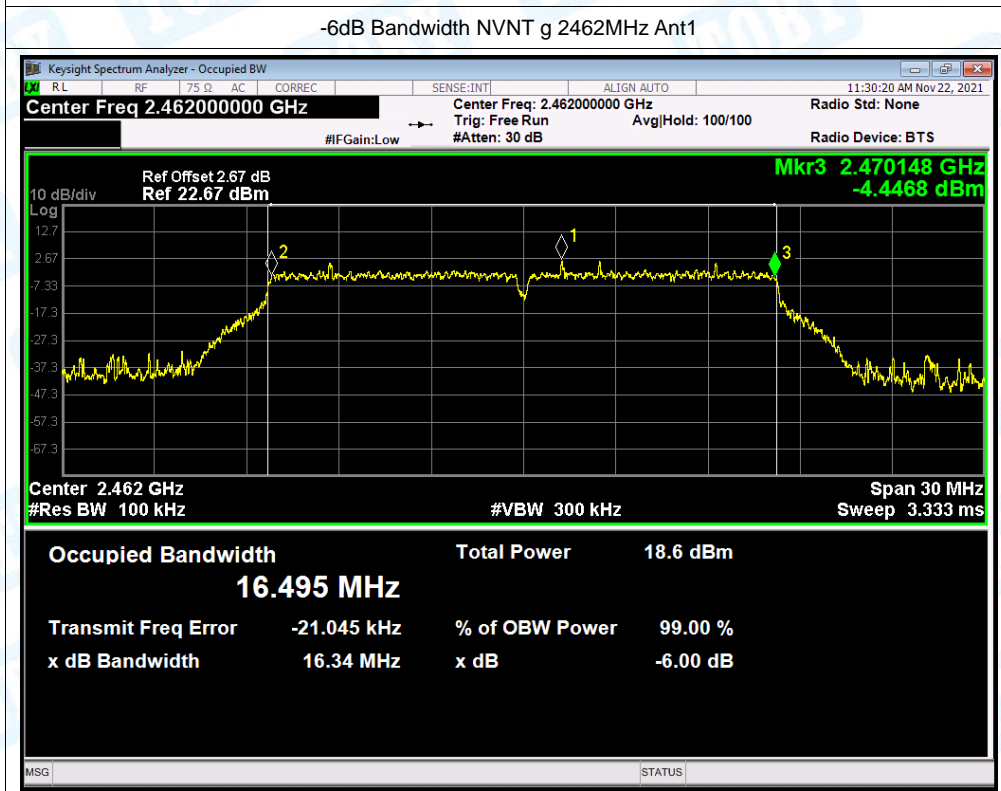
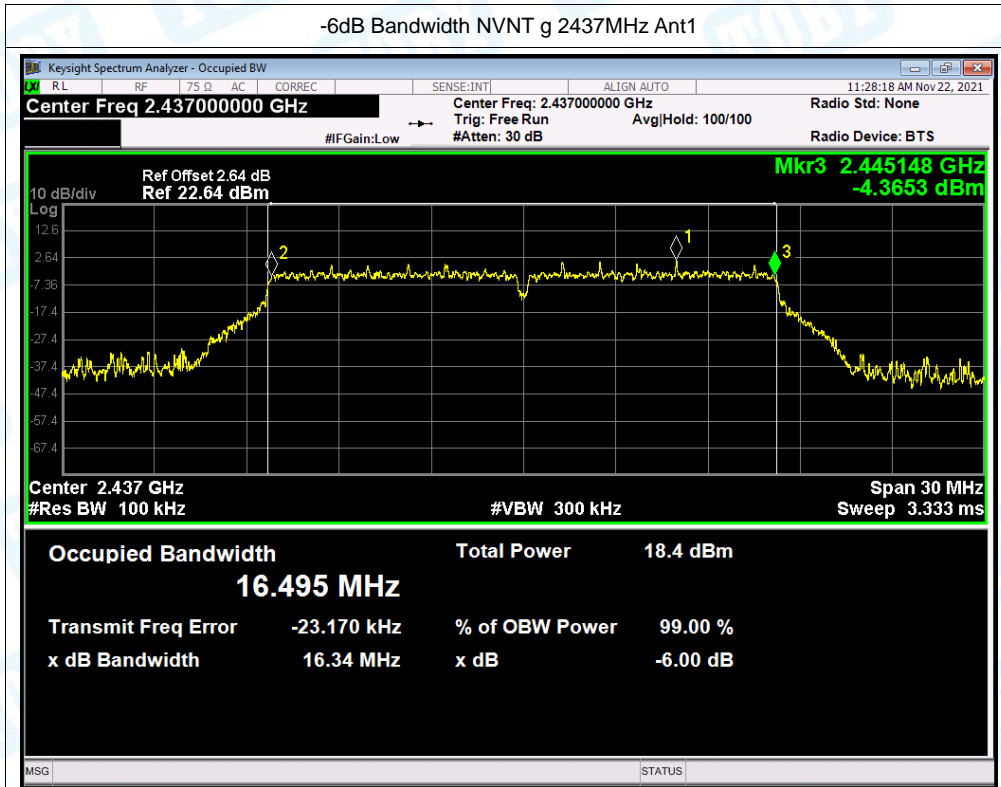
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.04	0.5	Pass
NVNT	b	2437	Ant1	9.593	0.5	Pass
NVNT	b	2462	Ant1	10.04	0.5	Pass
NVNT	g	2412	Ant1	16.34	0.5	Pass
NVNT	g	2437	Ant1	16.34	0.5	Pass
NVNT	g	2462	Ant1	16.34	0.5	Pass







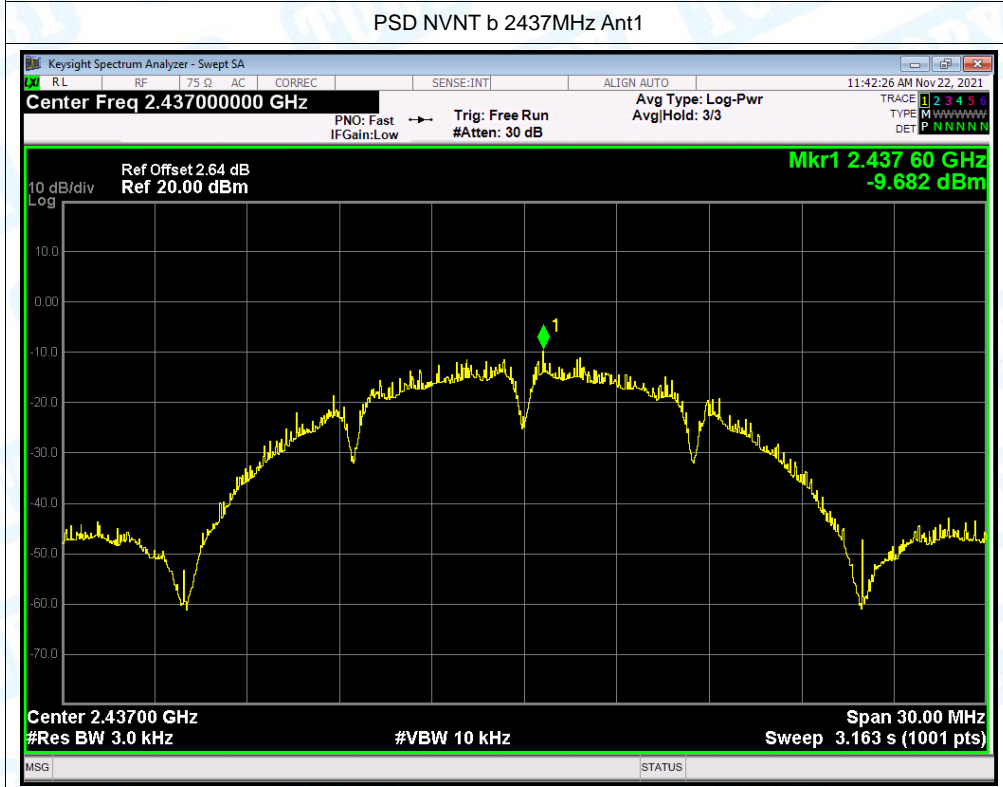
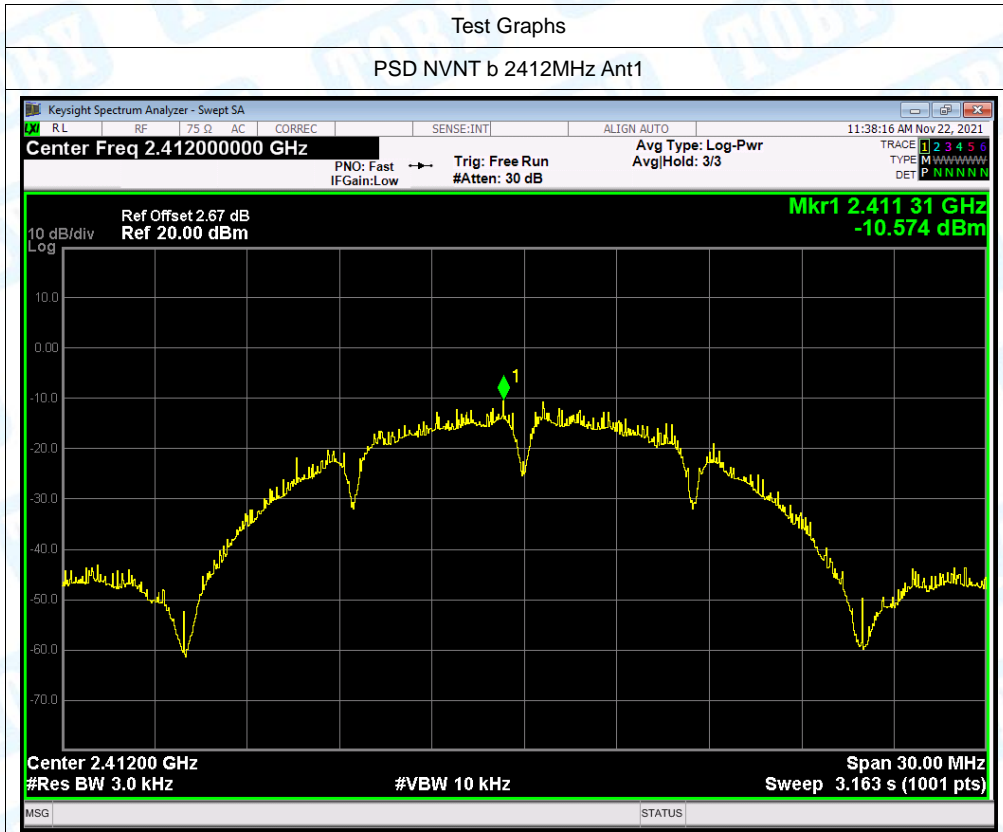




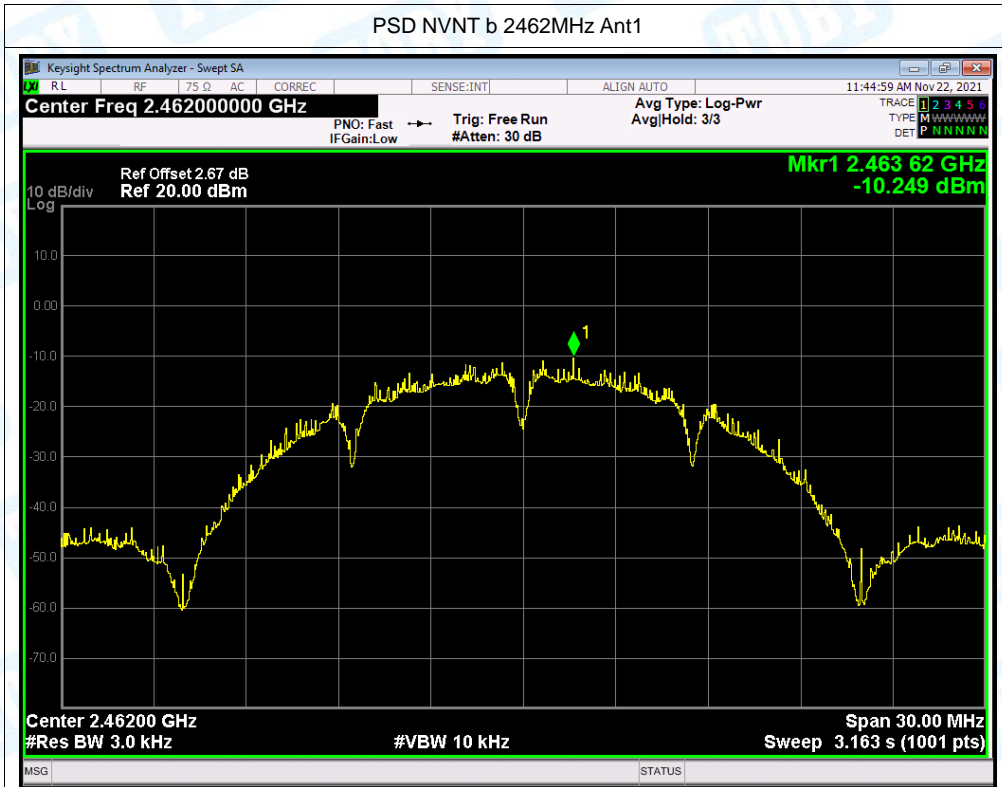
## 4. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-10.574	8	Pass
NVNT	b	2437	Ant1	-9.682	8	Pass
NVNT	b	2462	Ant1	-10.249	8	Pass
NVNT	g	2412	Ant1	-14.35	8	Pass
NVNT	g	2437	Ant1	-14.744	8	Pass
NVNT	g	2462	Ant1	-14.15	8	Pass

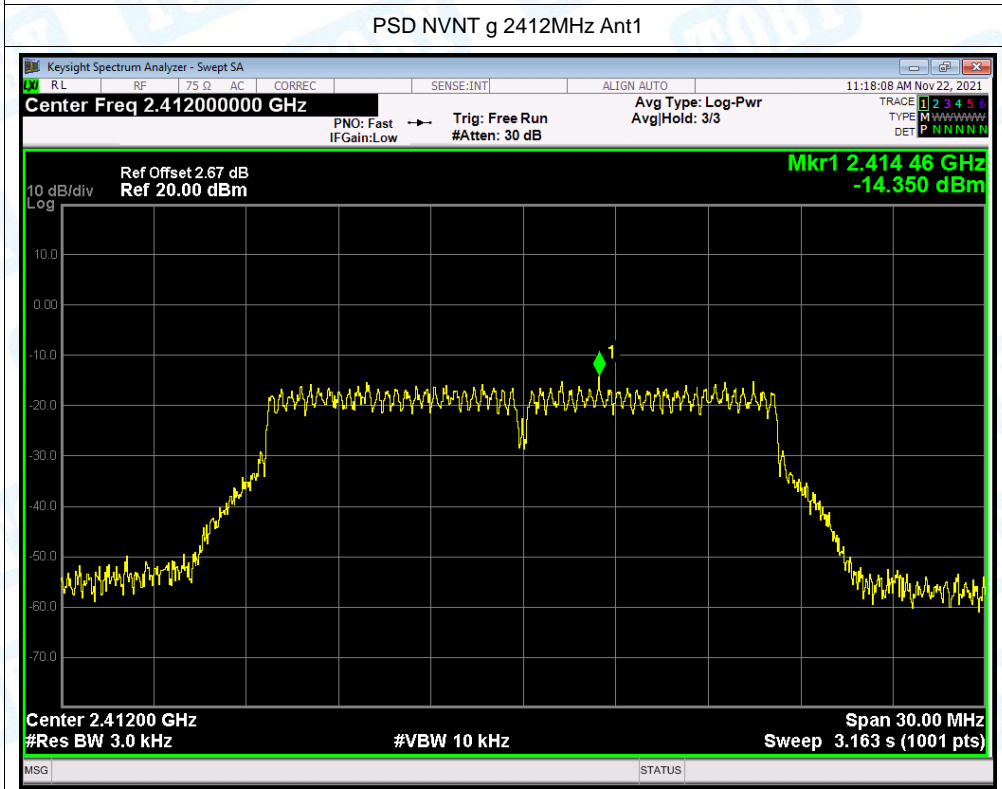




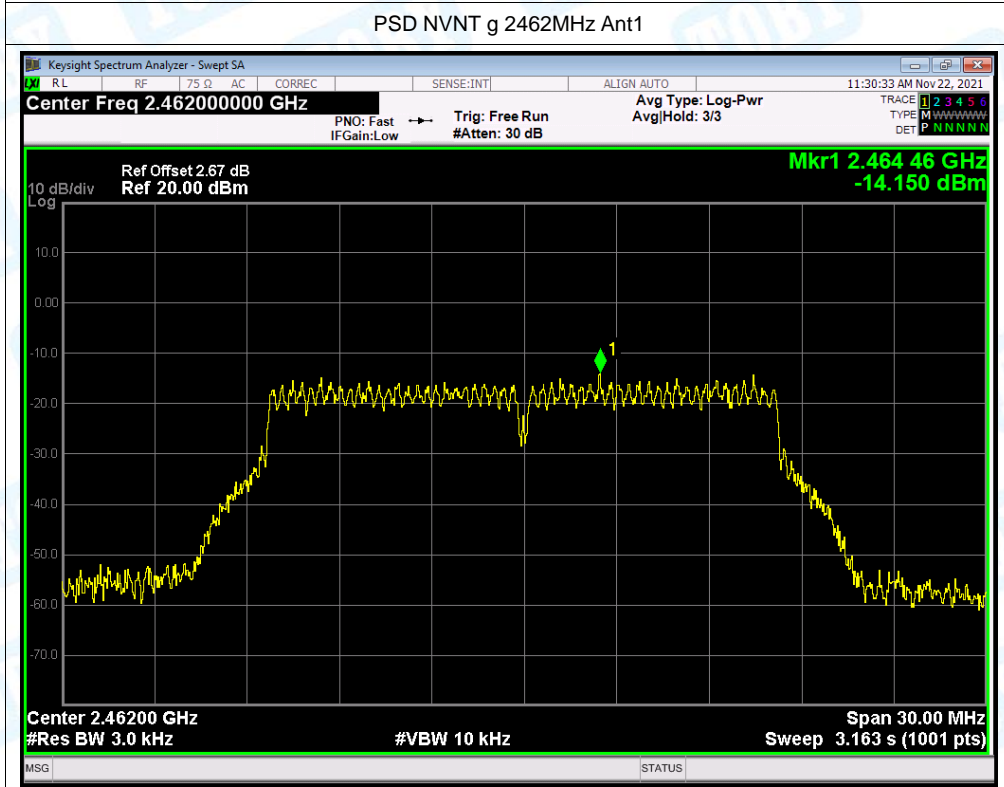
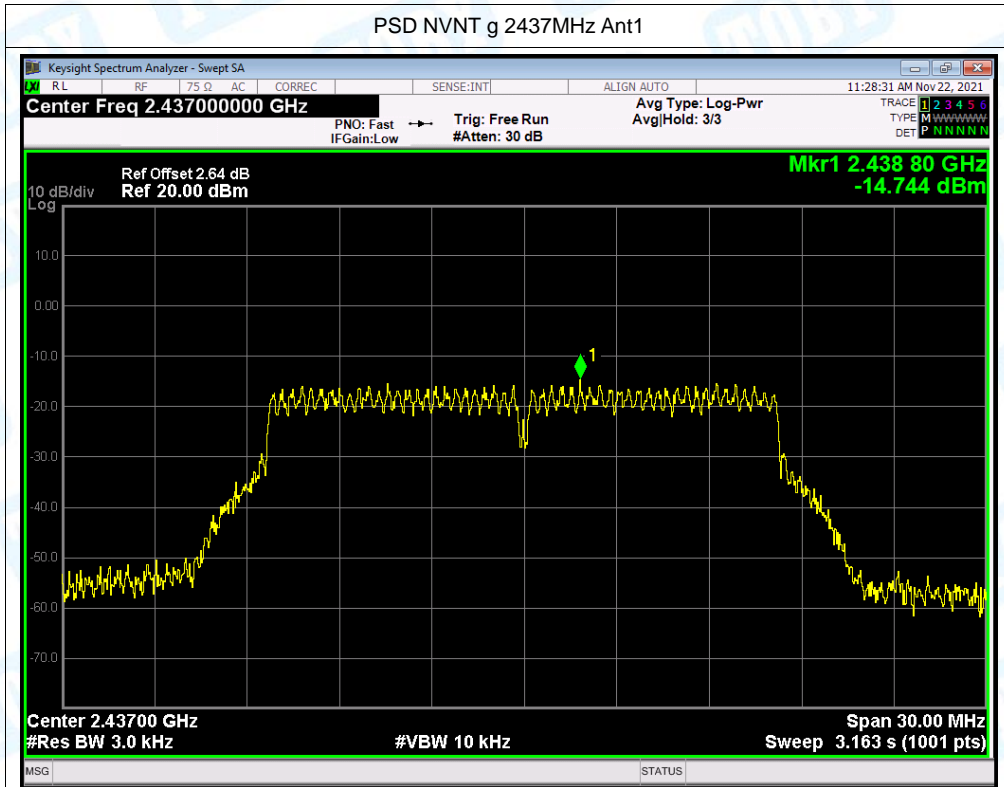
PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1



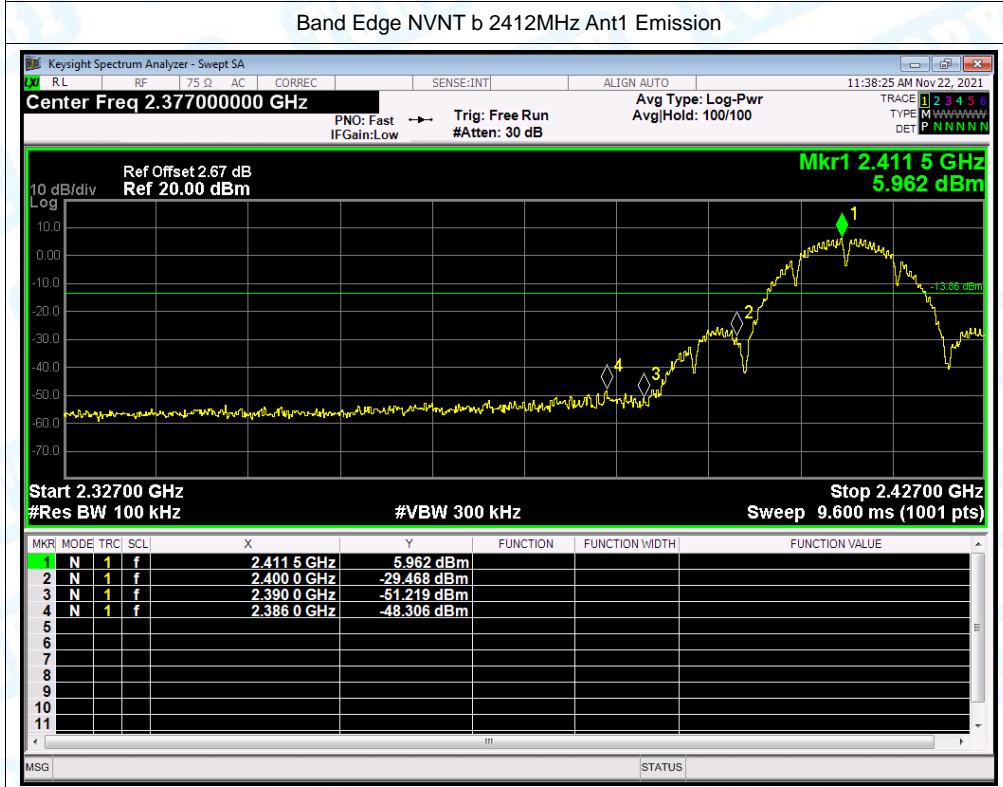
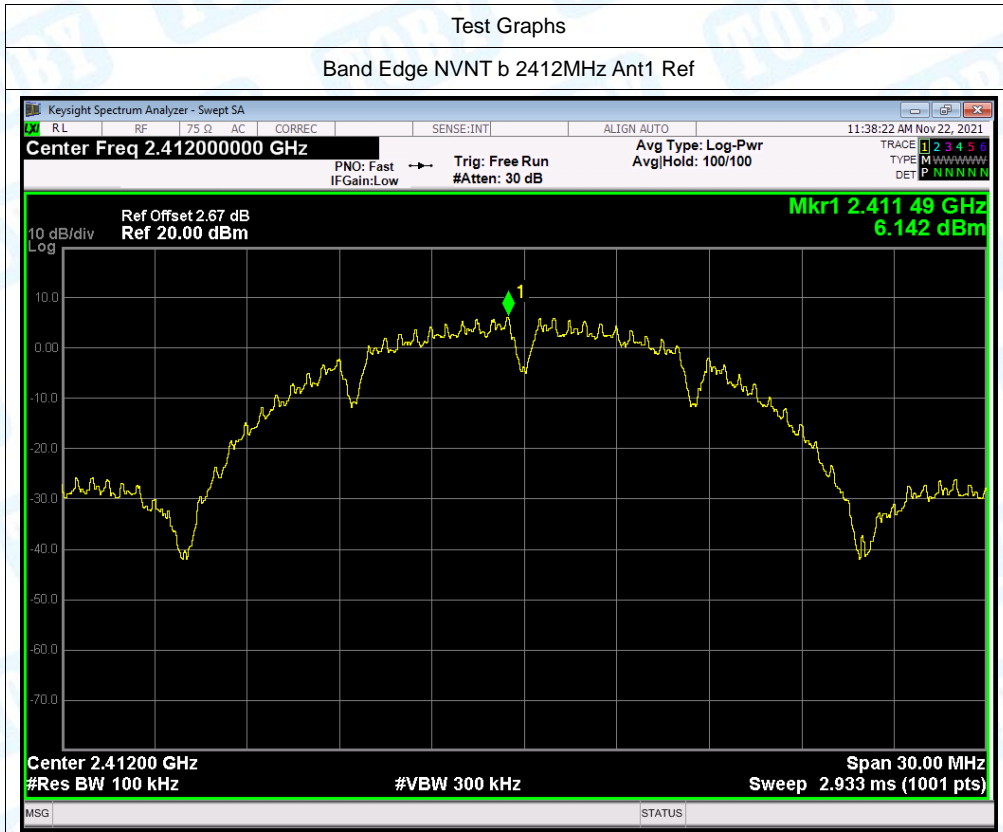


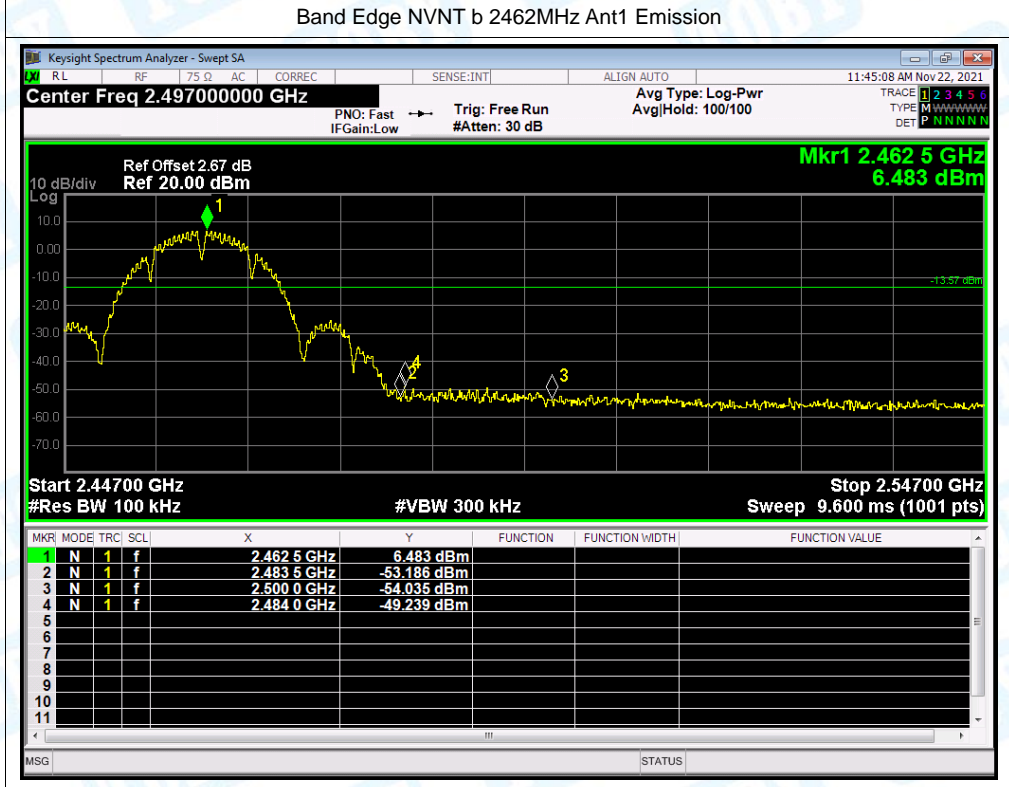
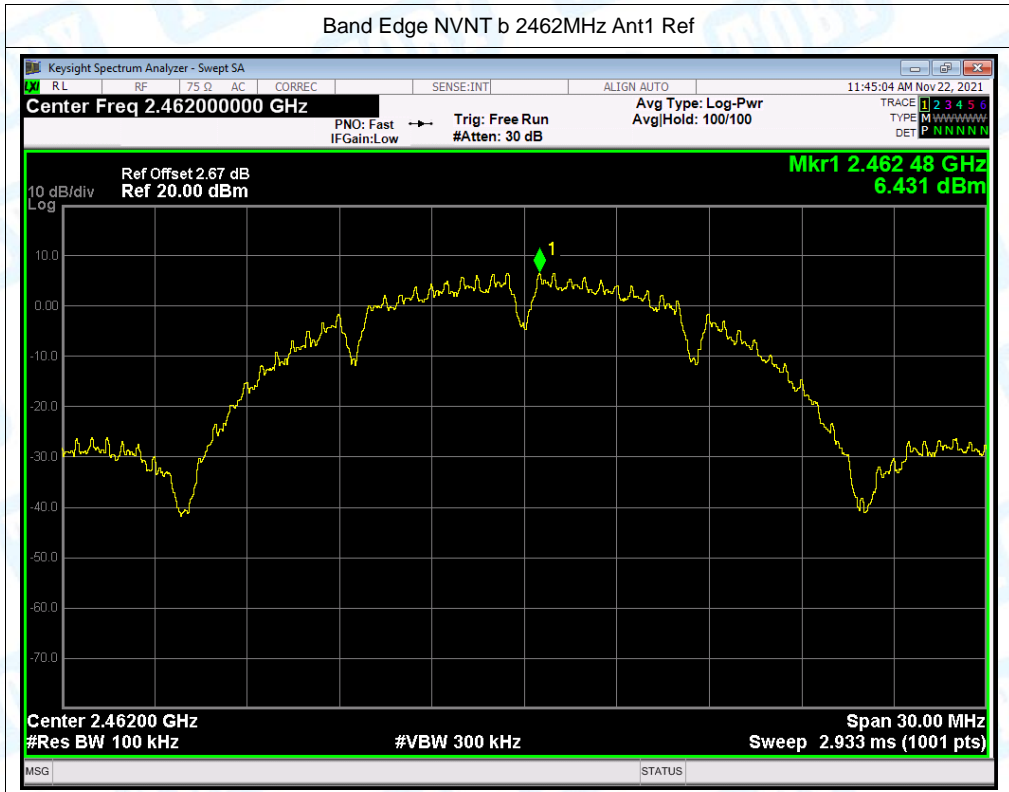


## 5.Band Edge

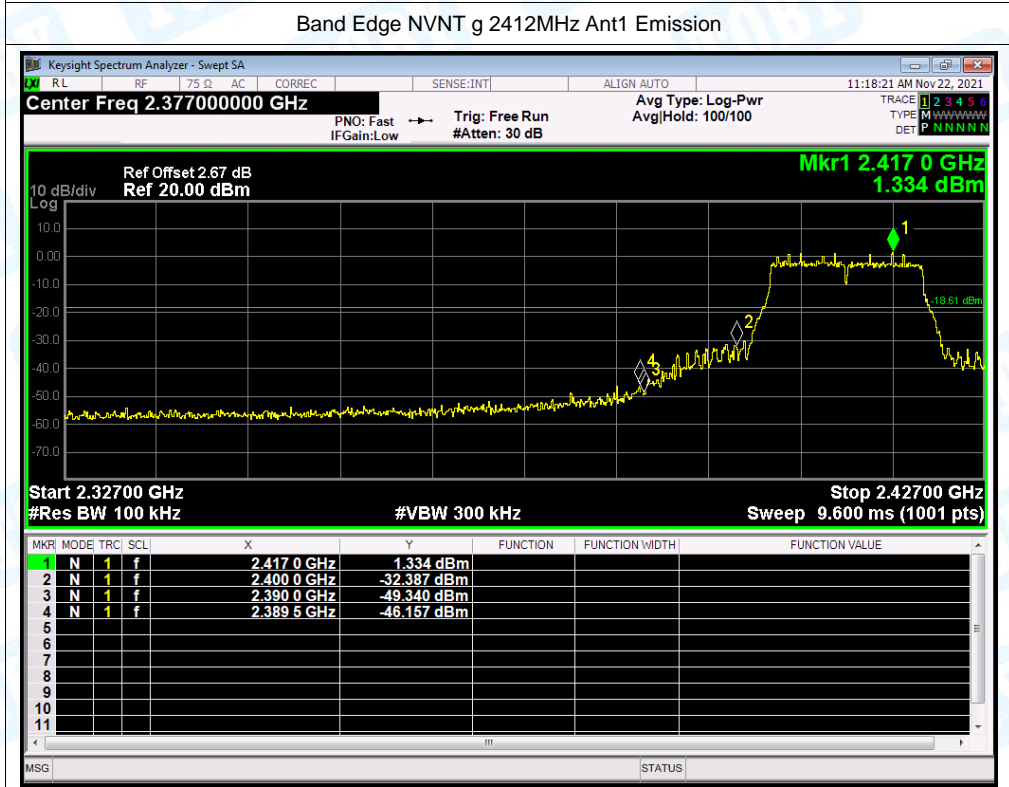
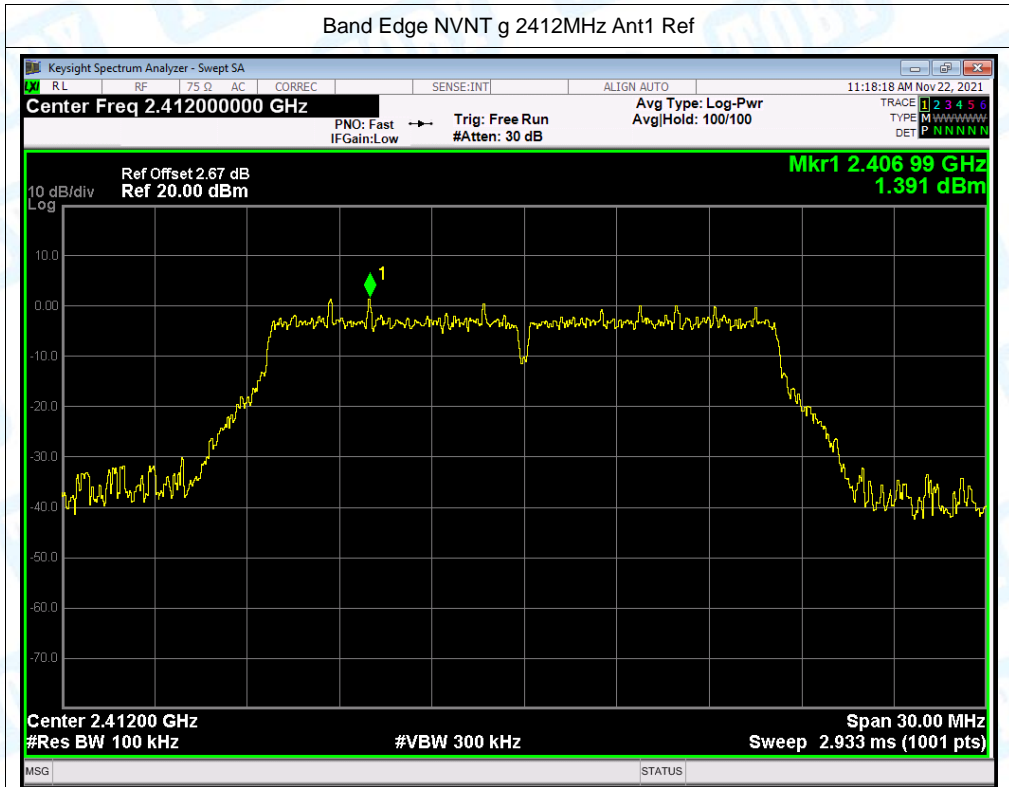
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-54.44	-20	Pass
NVNT	b	2462	Ant1	-55.66	-20	Pass
NVNT	g	2412	Ant1	-47.54	-20	Pass
NVNT	g	2462	Ant1	-46.95	-20	Pass

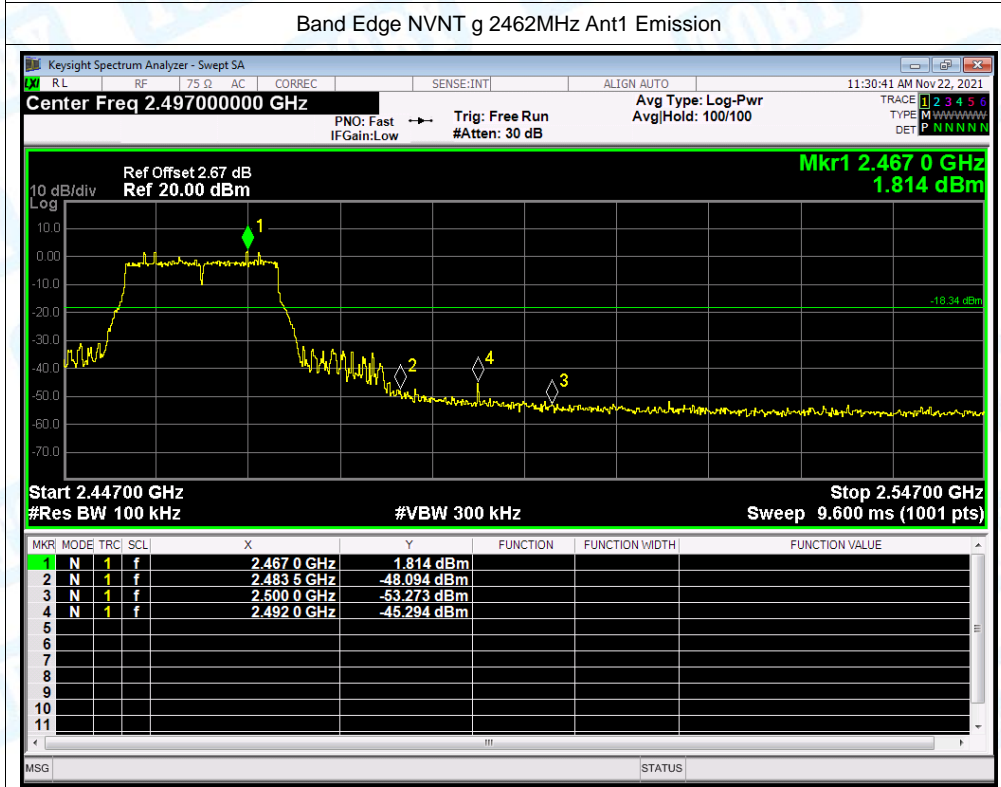
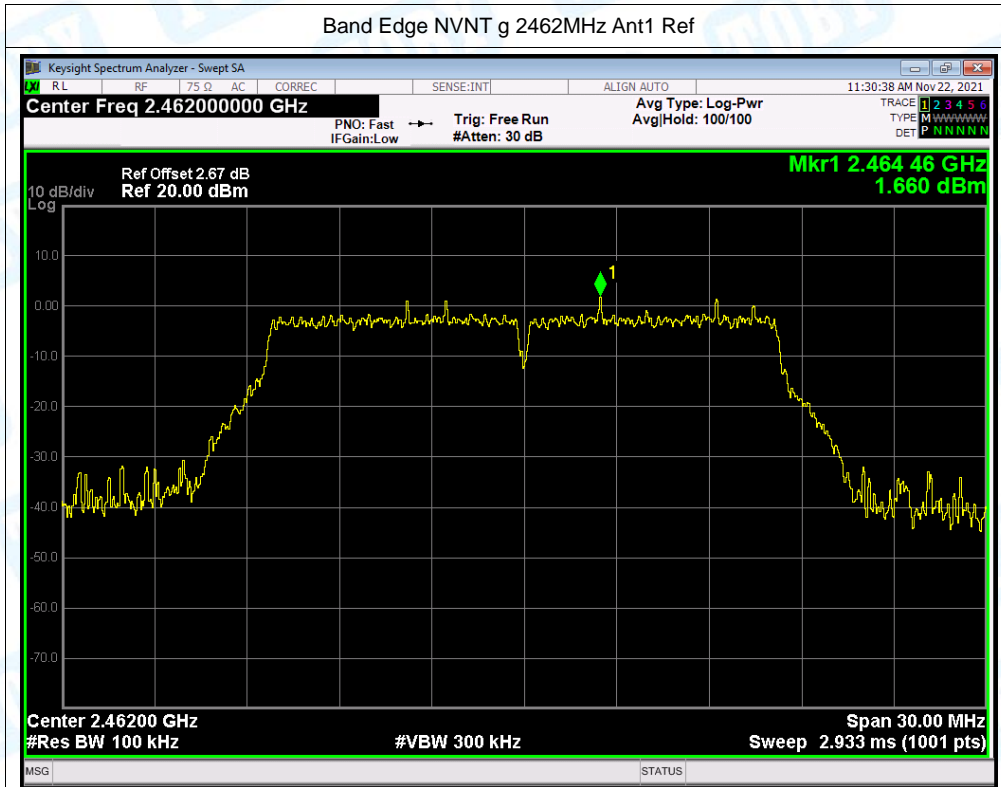








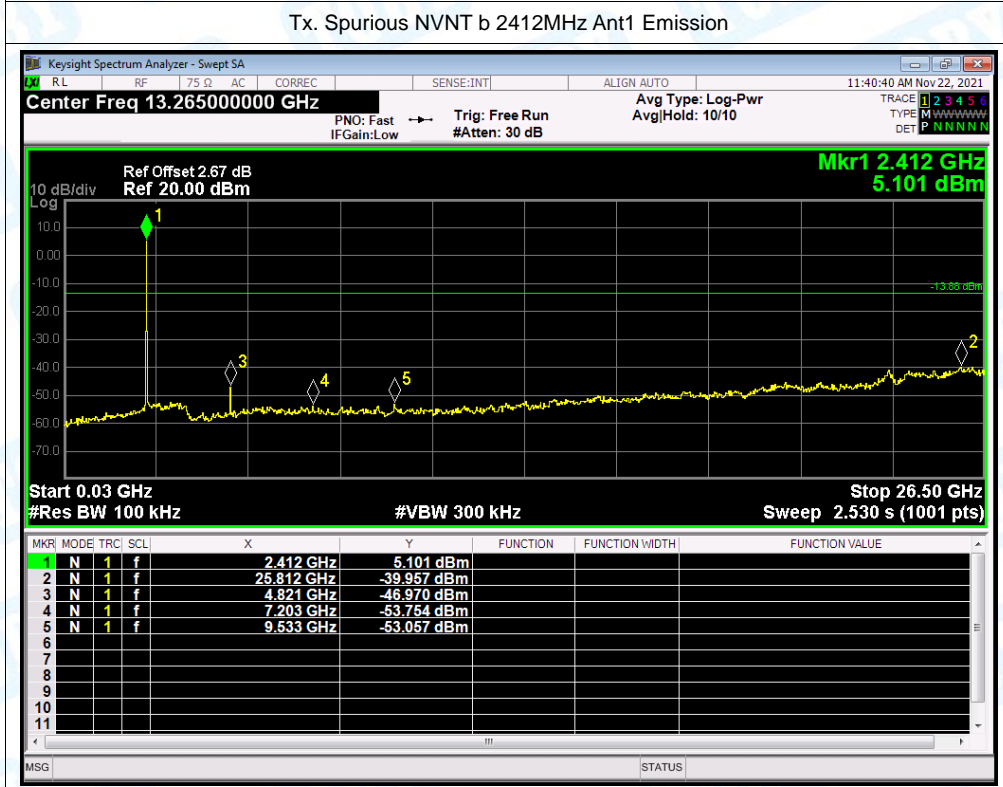
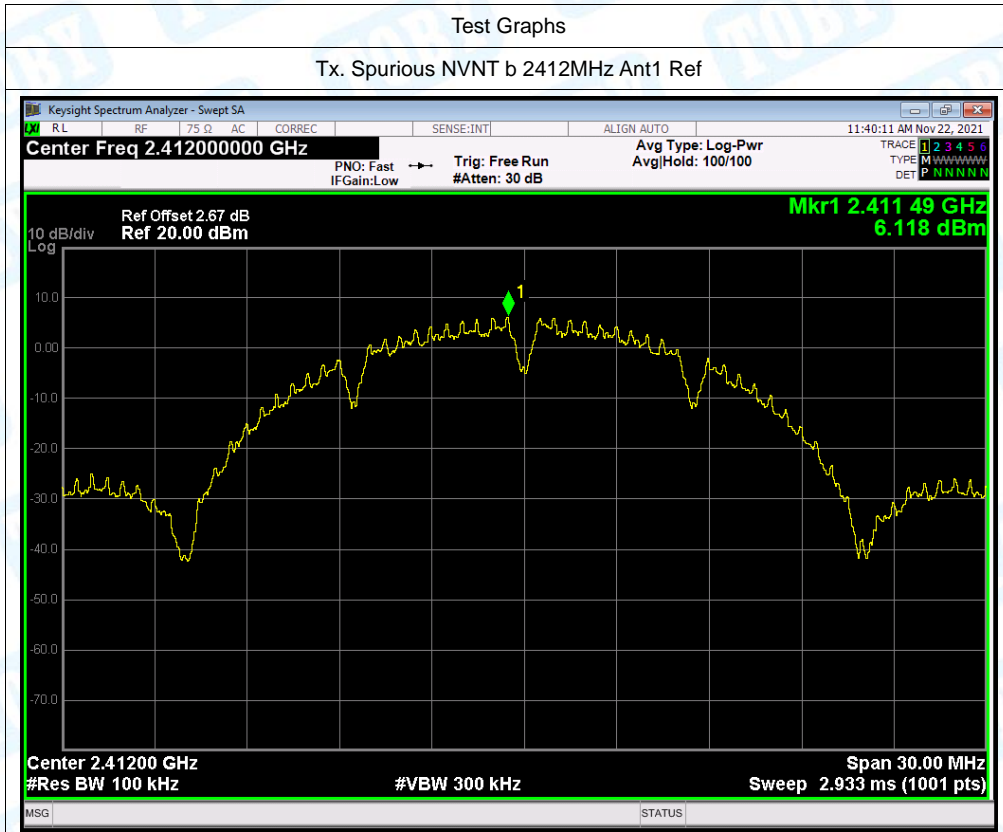






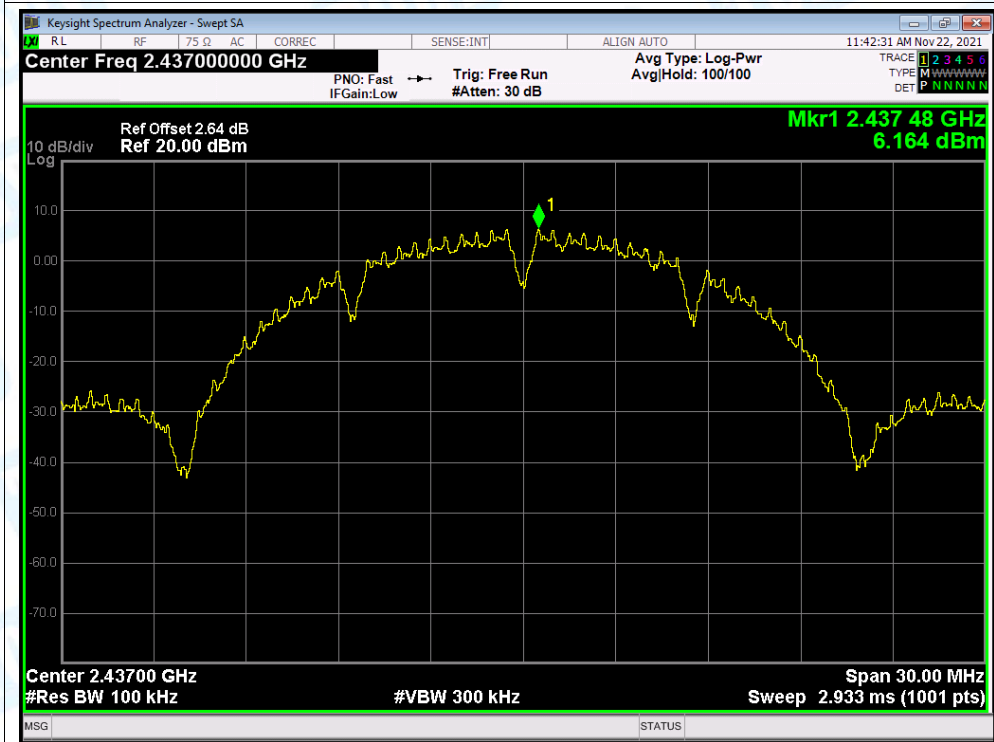
## 6. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-46.07	-20	Pass
NVNT	b	2437	Ant1	-46.5	-20	Pass
NVNT	b	2462	Ant1	-46.62	-20	Pass
NVNT	g	2412	Ant1	-41.13	-20	Pass
NVNT	g	2437	Ant1	-41.63	-20	Pass
NVNT	g	2462	Ant1	-41.64	-20	Pass

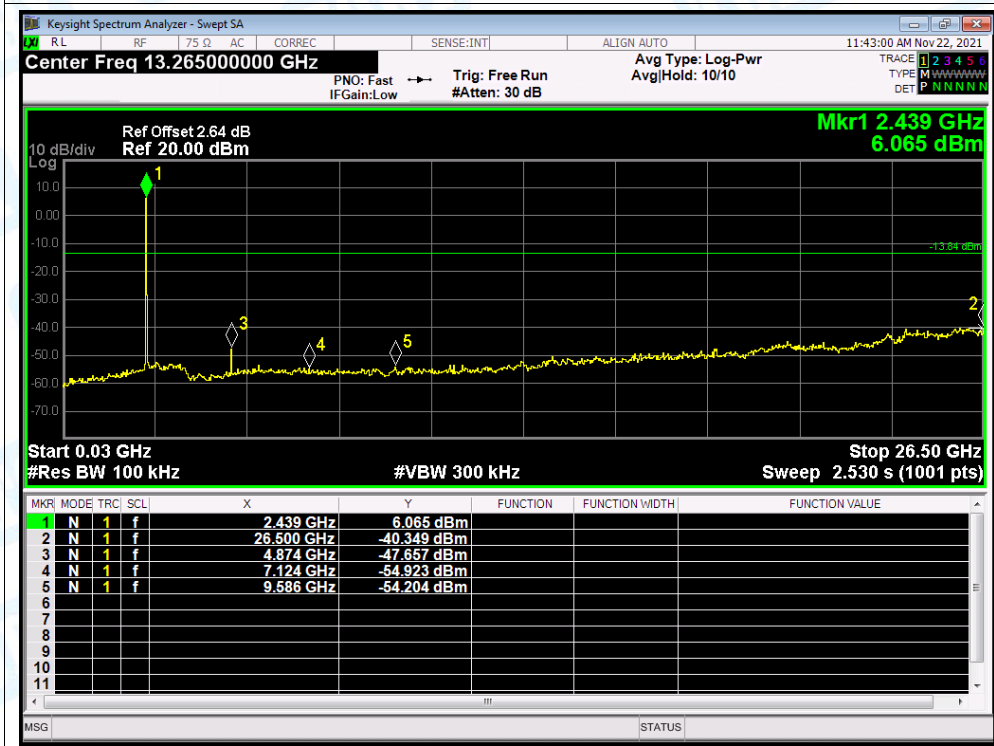




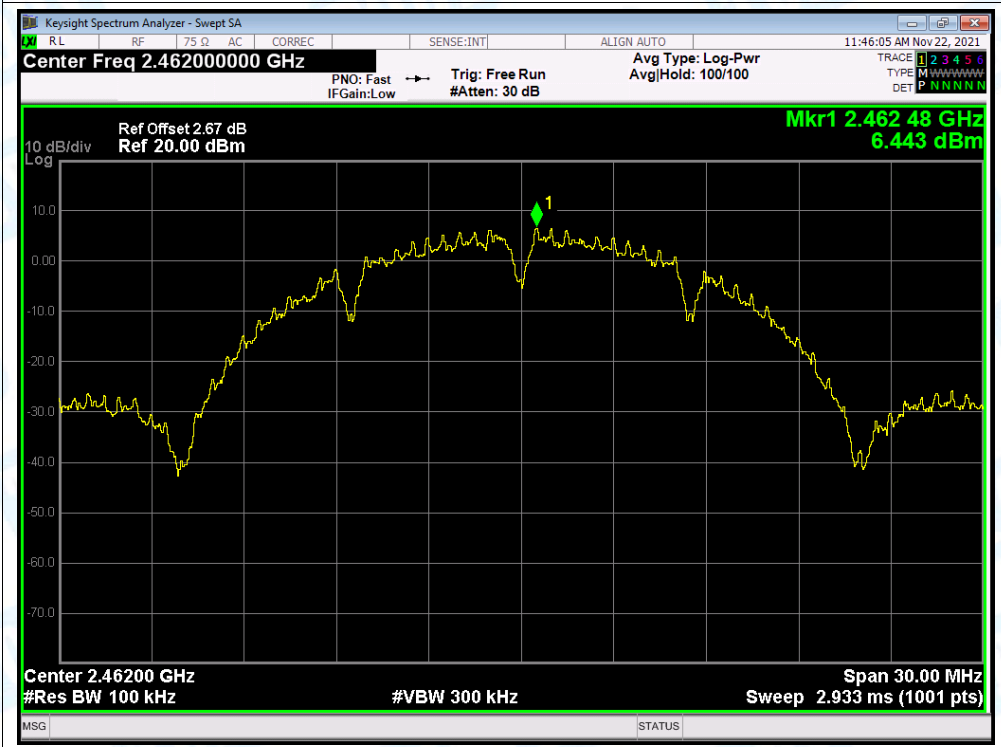
Tx. Spurious NVNT b 2437MHz Ant1 Ref



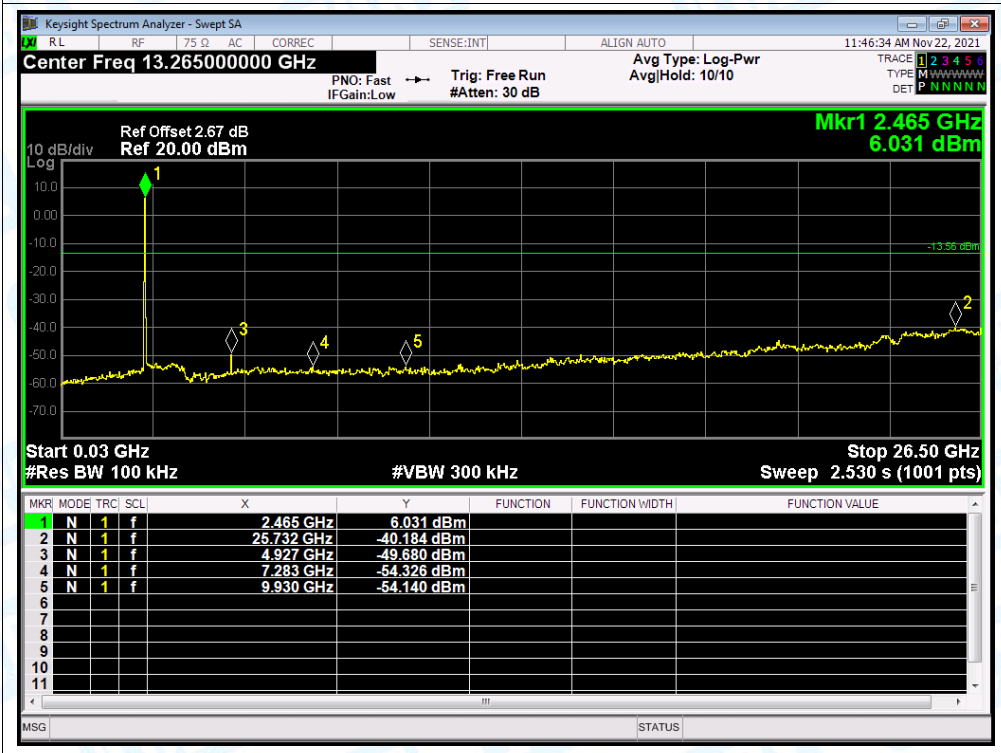
Tx. Spurious NVNT b 2437MHz Ant1 Emission



### Tx. Spurious NVNT b 2462MHz Ant1 Ref

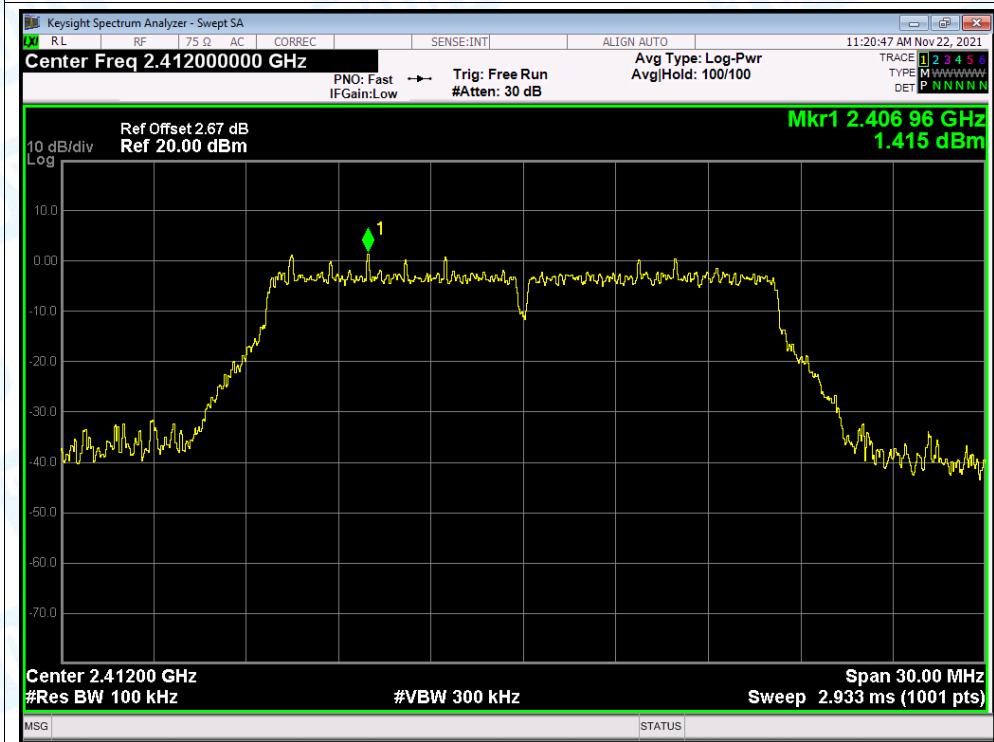


### Tx. Spurious NVNT b 2462MHz Ant1 Emission

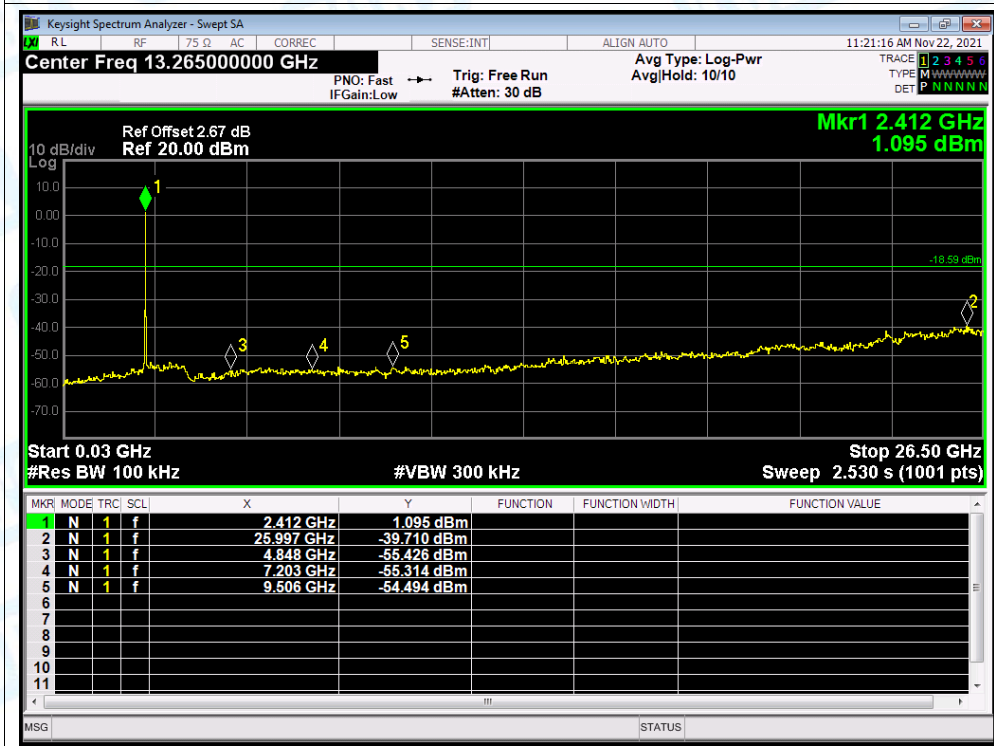




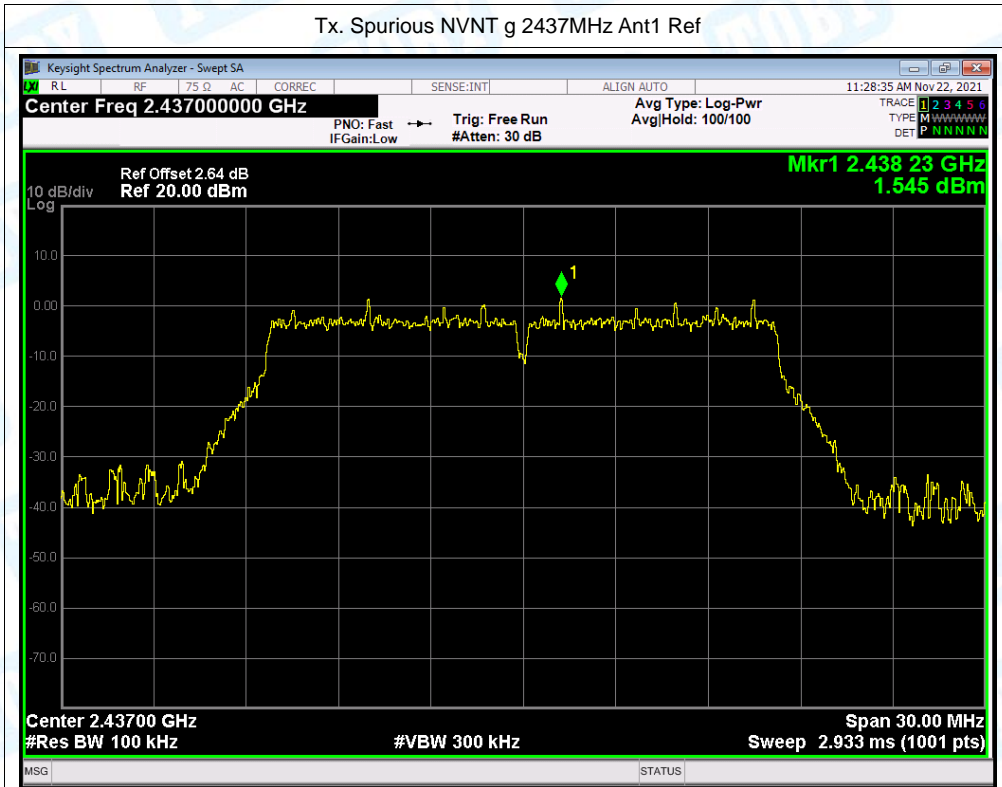
### Tx. Spurious NVNT g 2412MHz Ant1 Ref



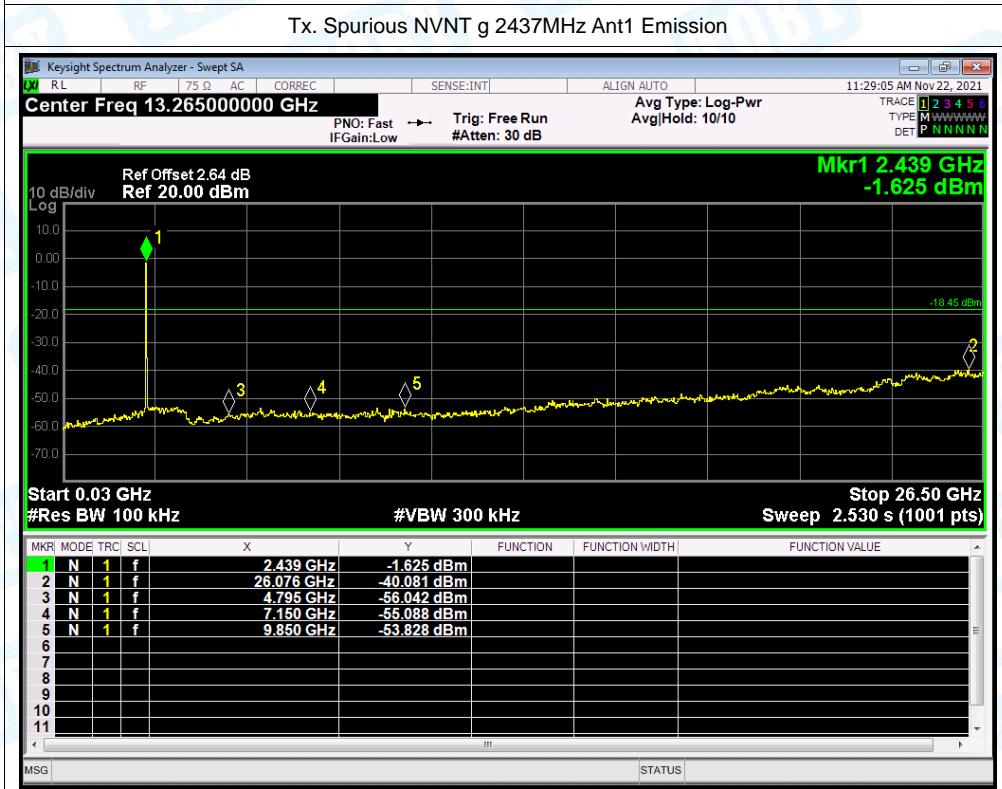
### Tx. Spurious NVNT g 2412MHz Ant1 Emission



### Tx. Spurious NVNT g 2437MHz Ant1 Ref

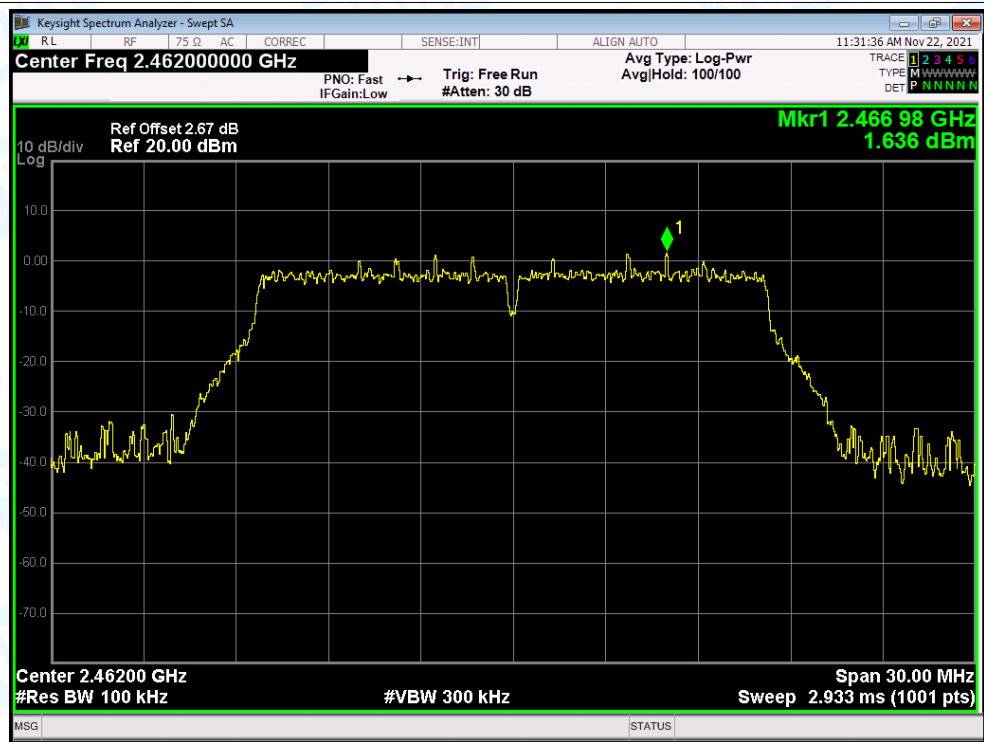


### Tx. Spurious NVNT g 2437MHz Ant1 Emission

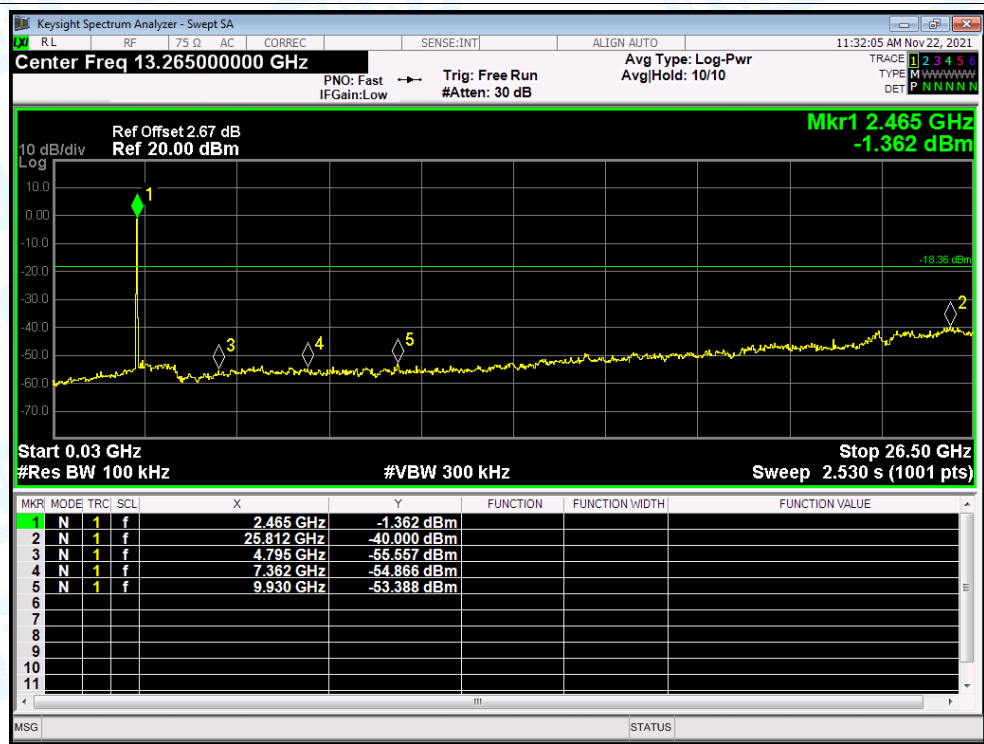




### Tx. Spurious NVNT g 2462MHz Ant1 Ref



### Tx. Spurious NVNT g 2462MHz Ant1 Emission



## 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	Ant1	2310	-46.17	2	51.09	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-55.84	2	41.42	Average	54	Pass
NVNT	b	2412	Ant1	2387.805	-39.11	2	58.15	Peak	74	Pass
NVNT	b	2412	Ant1	2386.284	-50.25	2	47.01	Average	54	Pass
NVNT	b	2412	Ant1	2390	-41.24	2	56.02	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-51.17	2	46.09	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-40.25	2	57.01	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-50.58	2	46.68	Average	54	Pass
NVNT	b	2462	Ant1	2484.047	-38.82	2	58.44	Peak	74	Pass
NVNT	b	2462	Ant1	2483.517	-50.58	2	46.68	Average	54	Pass
NVNT	b	2462	Ant1	2500	-43.41	2	53.85	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-52.68	2	44.58	Average	54	Pass
NVNT	g	2412	Ant1	2310	-43.69	2	53.57	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-55.82	2	41.44	Average	54	Pass
NVNT	g	2412	Ant1	2388.273	-32.07	2	65.19	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-47.07	2	50.19	Average	54	Pass
NVNT	g	2412	Ant1	2390	-34.6	2	62.66	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-46.9	2	50.36	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-36.57	2	60.69	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-48.06	2	49.2	Average	54	Pass
NVNT	g	2462	Ant1	2484.63	-33.33	2	63.93	Peak	74	Pass
NVNT	g	2462	Ant1	2483.517	-48.06	2	49.2	Average	54	Pass
NVNT	g	2462	Ant1	2500	-43.06	2	54.2	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-52.51	2	44.75	Average	54	Pass



