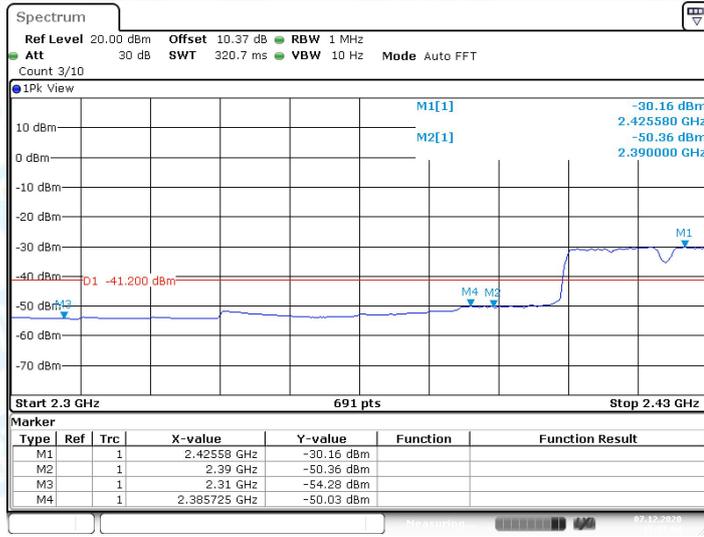
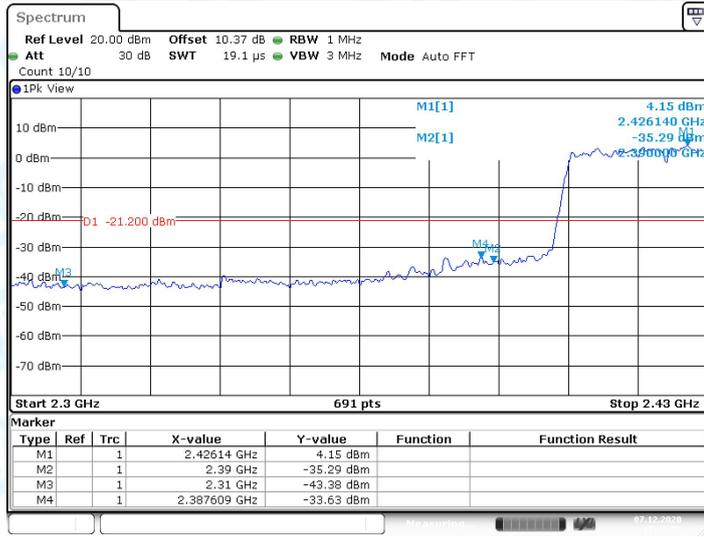


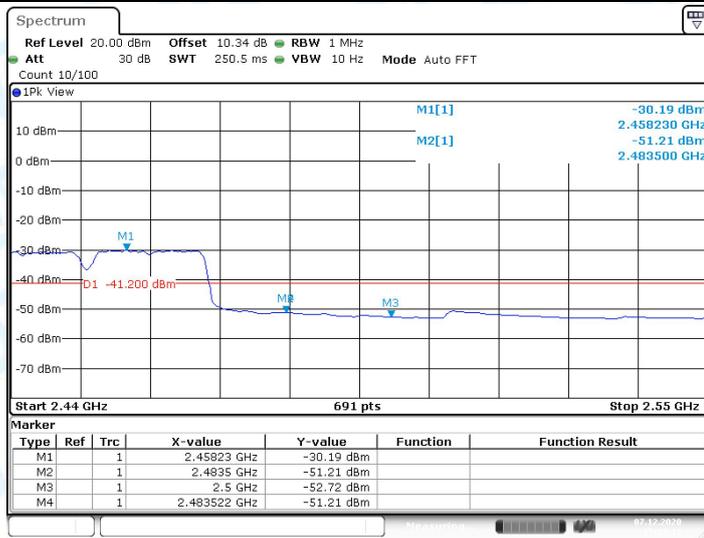
### 11N40SISO\_Ant1\_Low\_2422\_AV



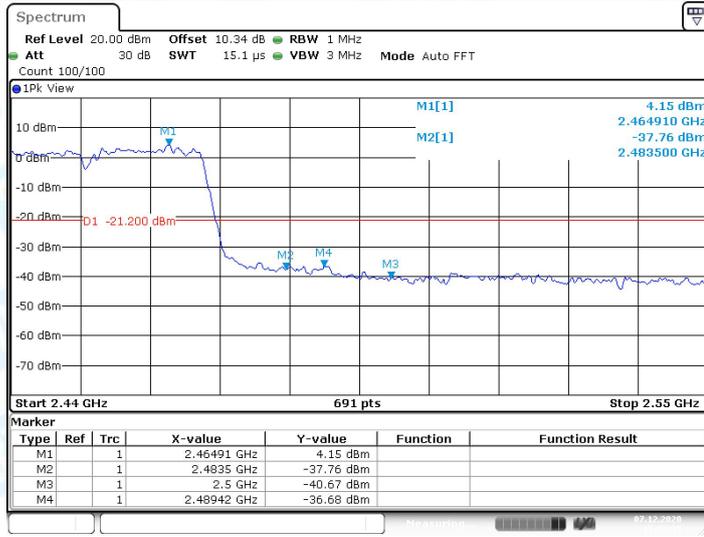
### 11N40SISO\_Ant1\_Low\_2422\_Peak



### 11N40SISO\_Ant1\_High\_2452\_AV



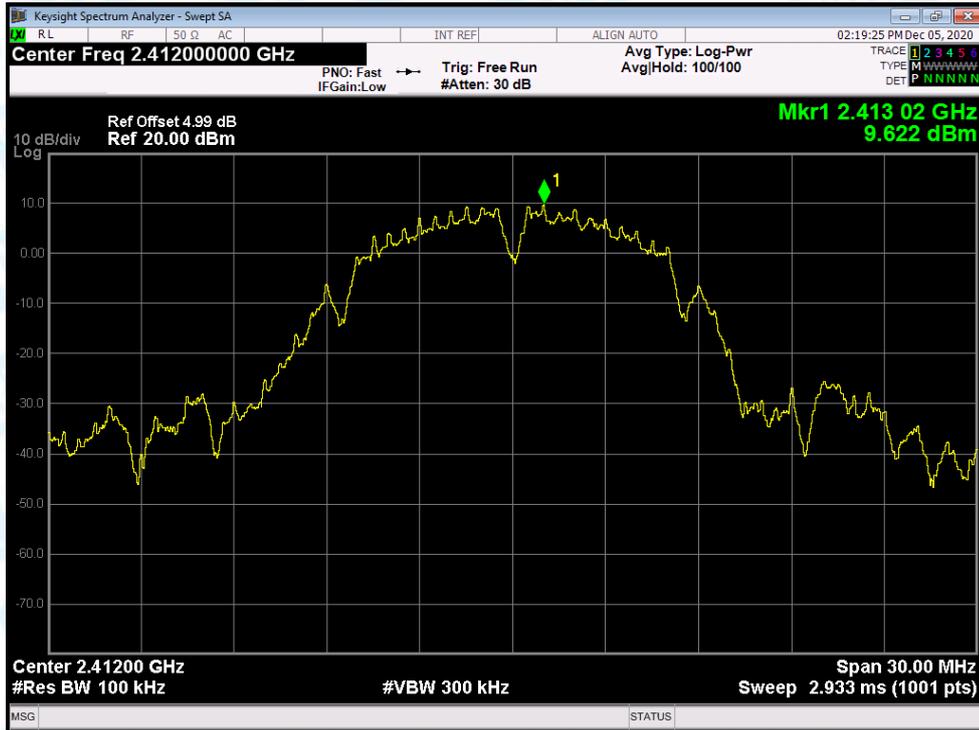
11N40SISO\_Ant1\_High\_2452\_Peak



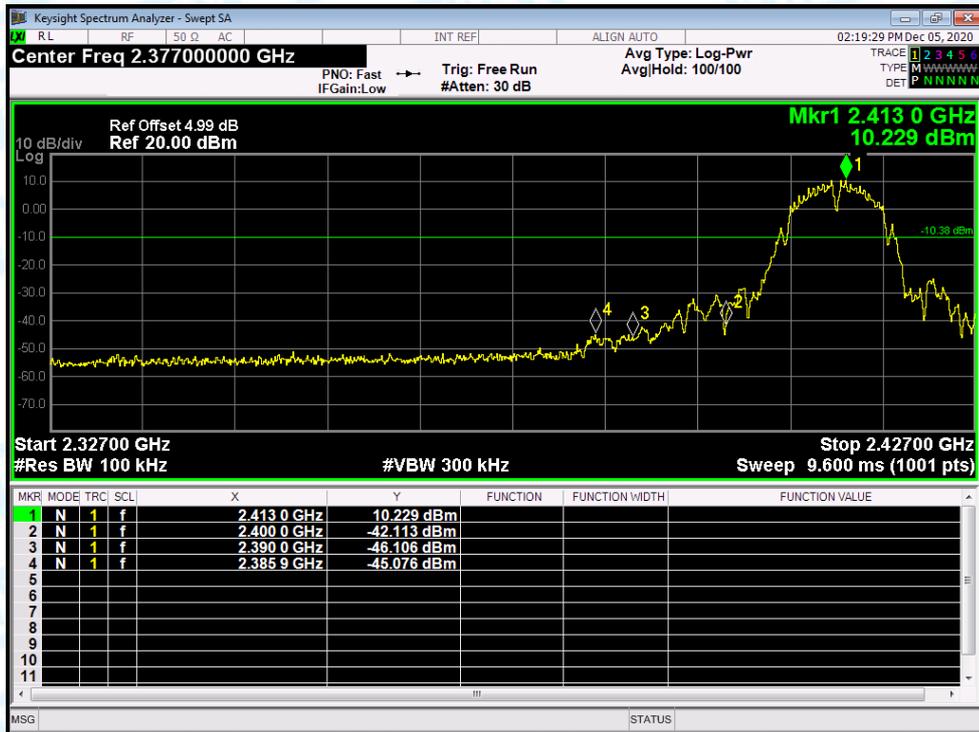
**(2) Band edge measurements**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-54.69	-20	Pass
NVNT	b	2462	Ant1	-54.7	-20	Pass
NVNT	g	2412	Ant1	-49.64	-20	Pass
NVNT	g	2462	Ant1	-50.39	-20	Pass
NVNT	n(HT20)	2412	Ant1	-49.6	-20	Pass
NVNT	n(HT20)	2462	Ant1	-51.21	-20	Pass
NVNT	n(HT40)	2422	Ant1	-41.56	-20	Pass
NVNT	n(HT40)	2452	Ant1	-44.4	-20	Pass

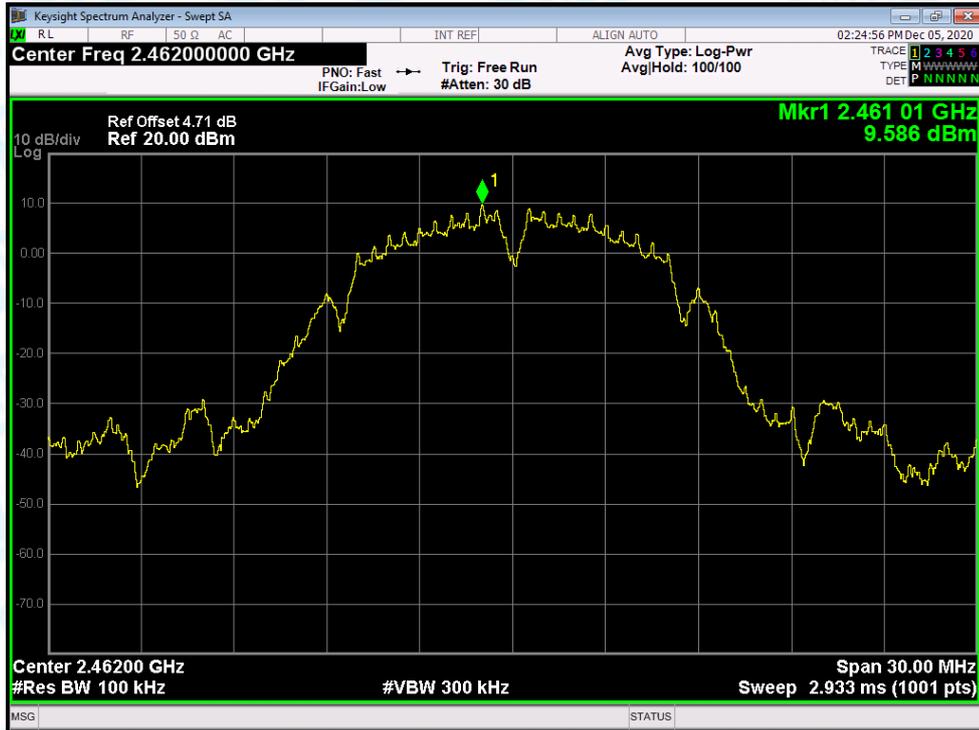
Band Edge NVNT b 2412MHz Ant1 Ref



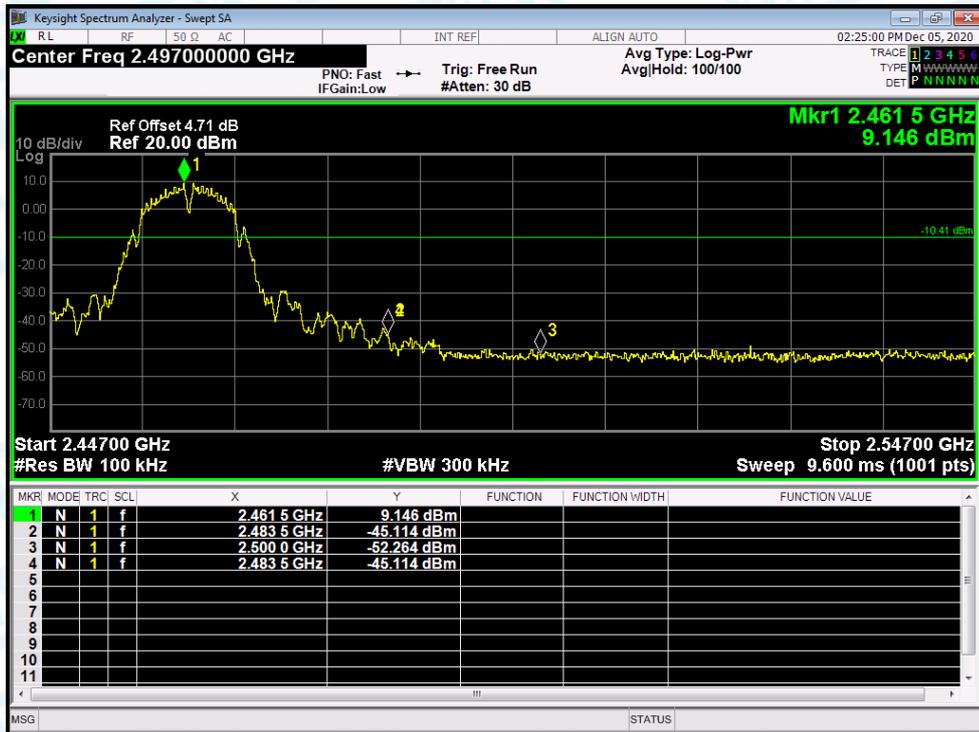
Band Edge NVNT b 2412MHz Ant1 Emission



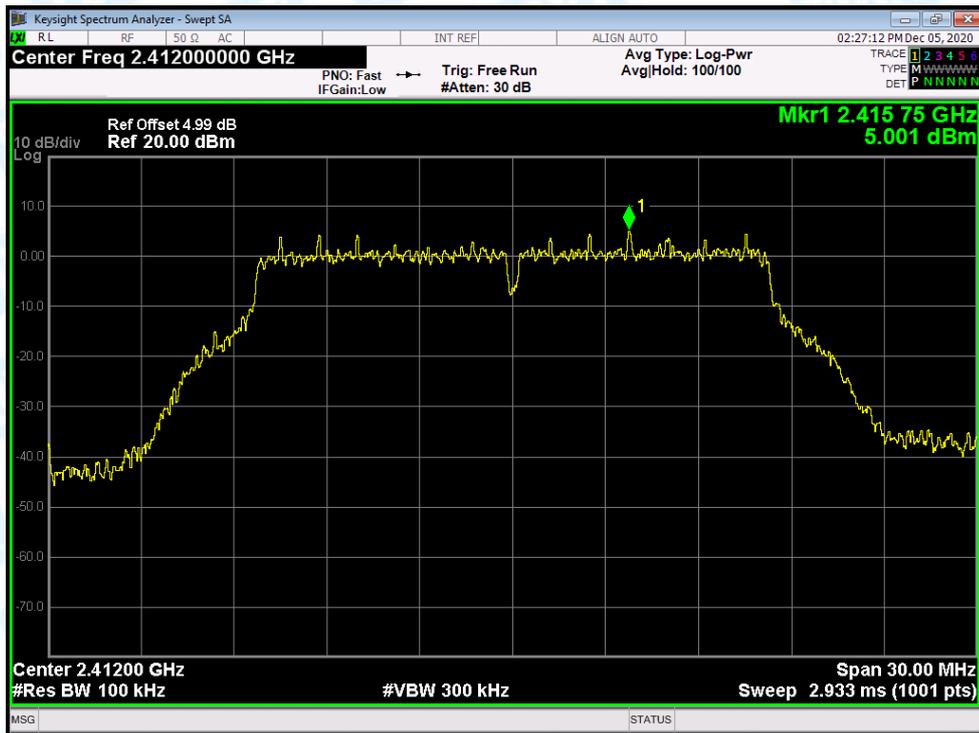
Band Edge NVNT b 2462MHz Ant1 Ref



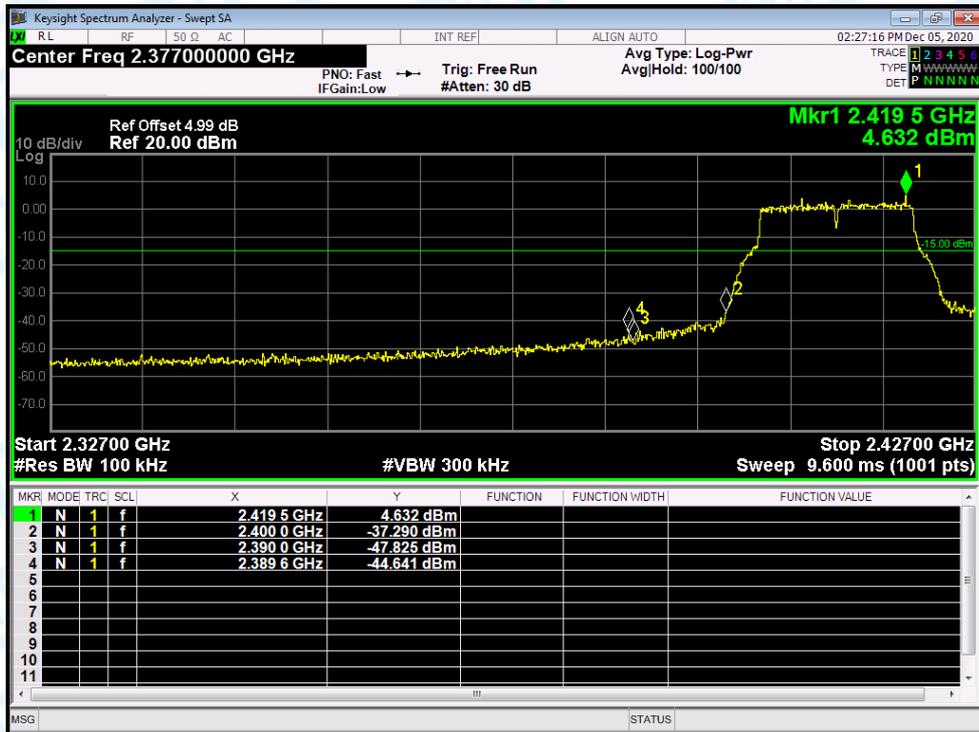
Band Edge NVNT b 2462MHz Ant1 Emission



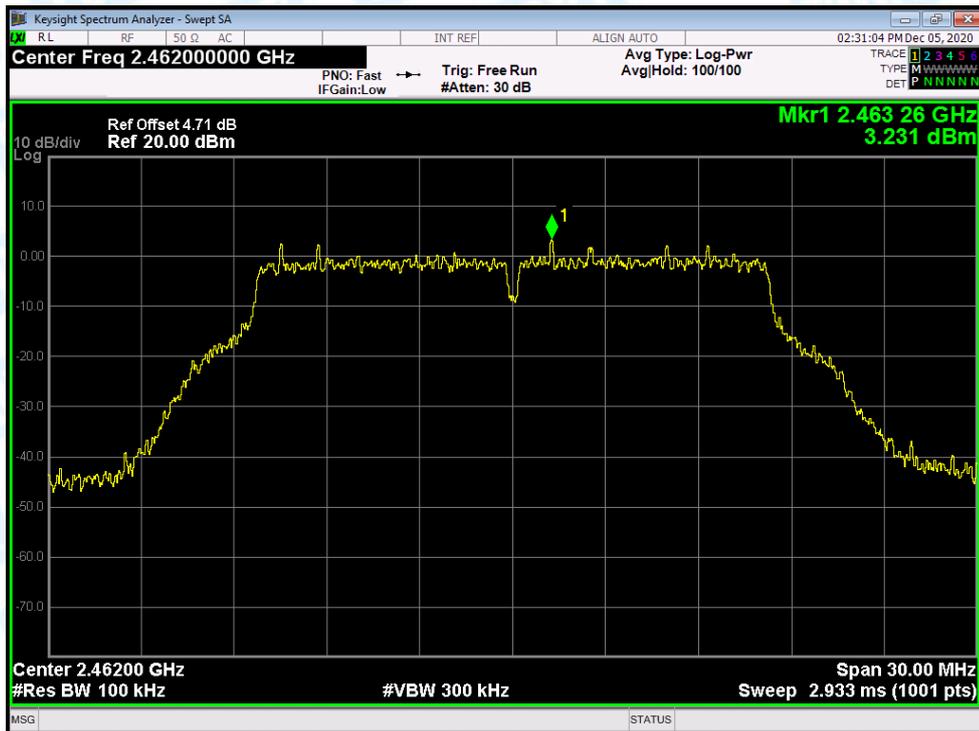
Band Edge NVNT g 2412MHz Ant1 Ref



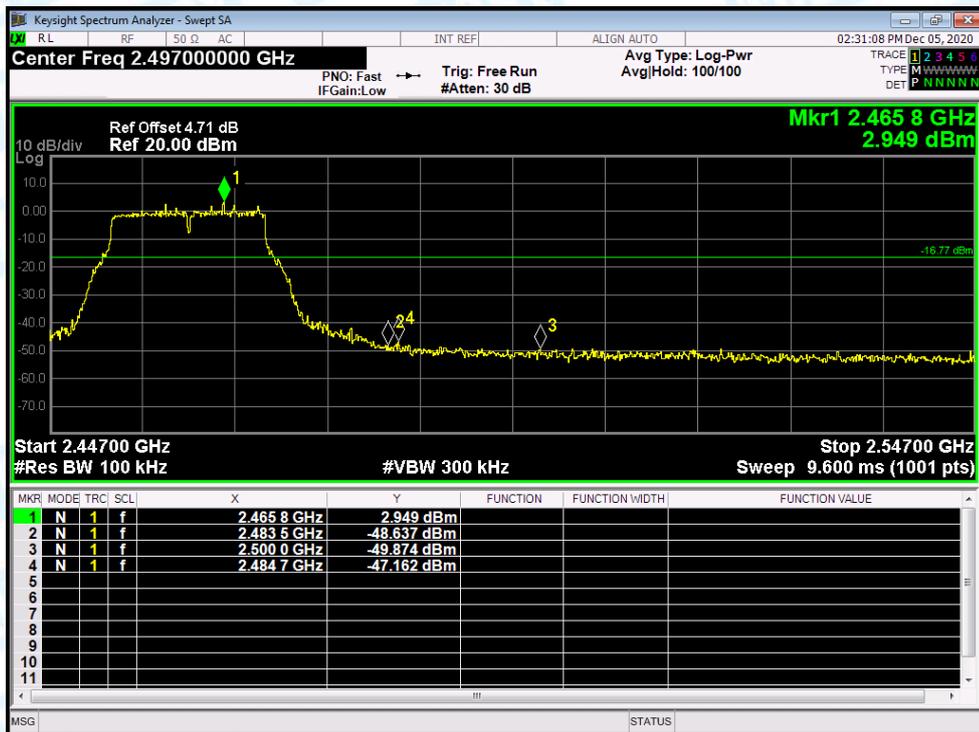
Band Edge NVNT g 2412MHz Ant1 Emission



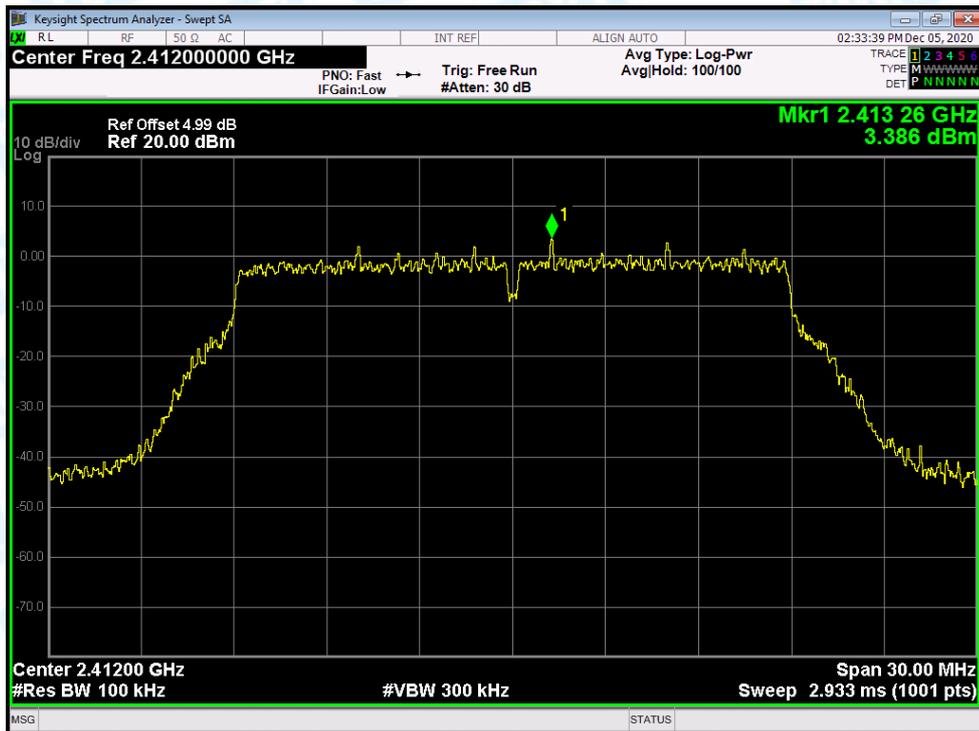
Band Edge NVNT g 2462MHz Ant1 Ref



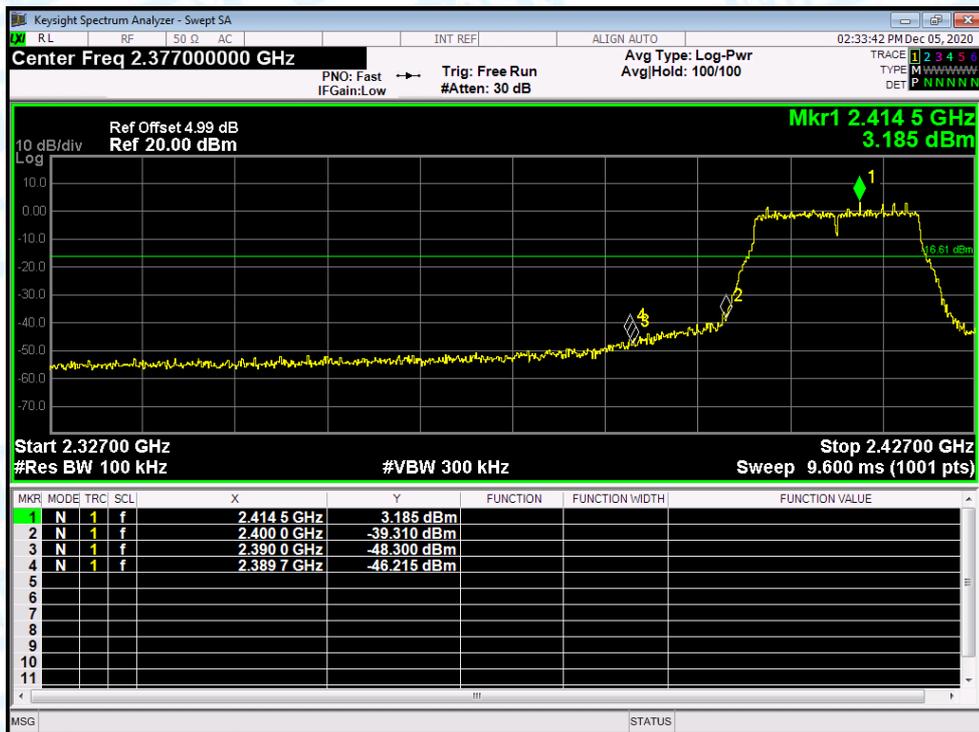
Band Edge NVNT g 2462MHz Ant1 Emission



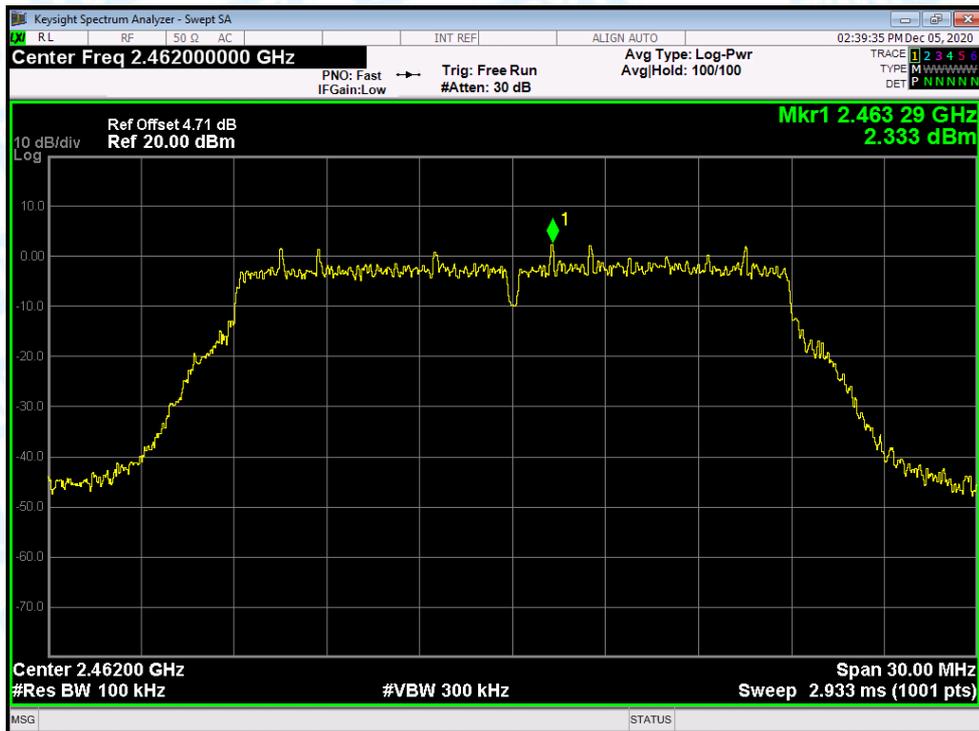
Band Edge NVNT n(HT20) 2412MHz Ant1 Ref



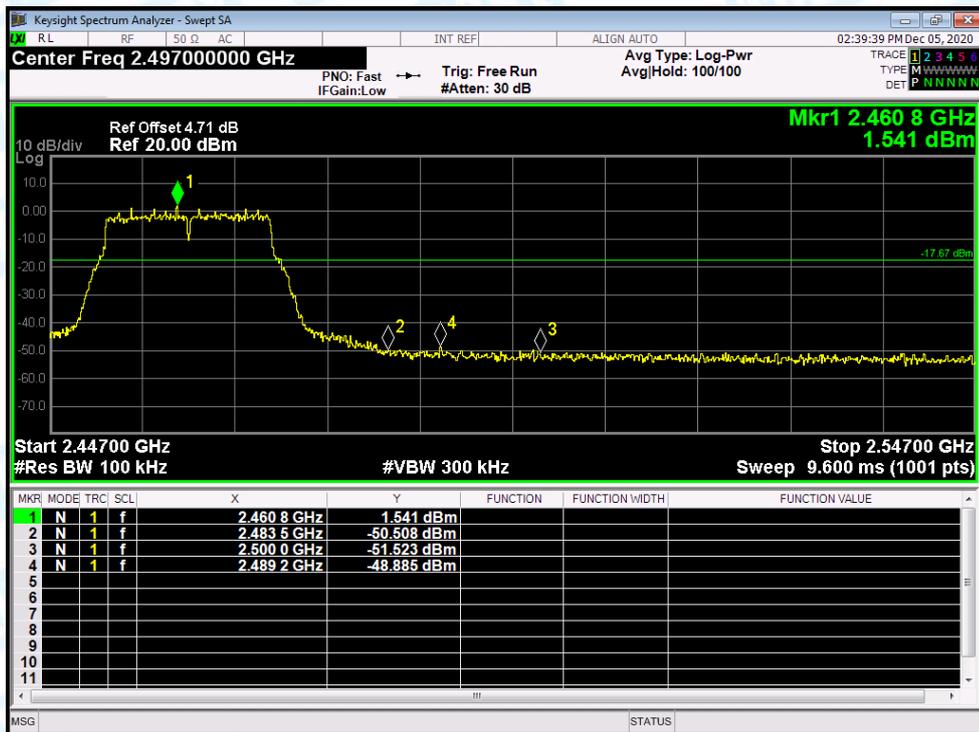
Band Edge NVNT n(HT20) 2412MHz Ant1 Emission



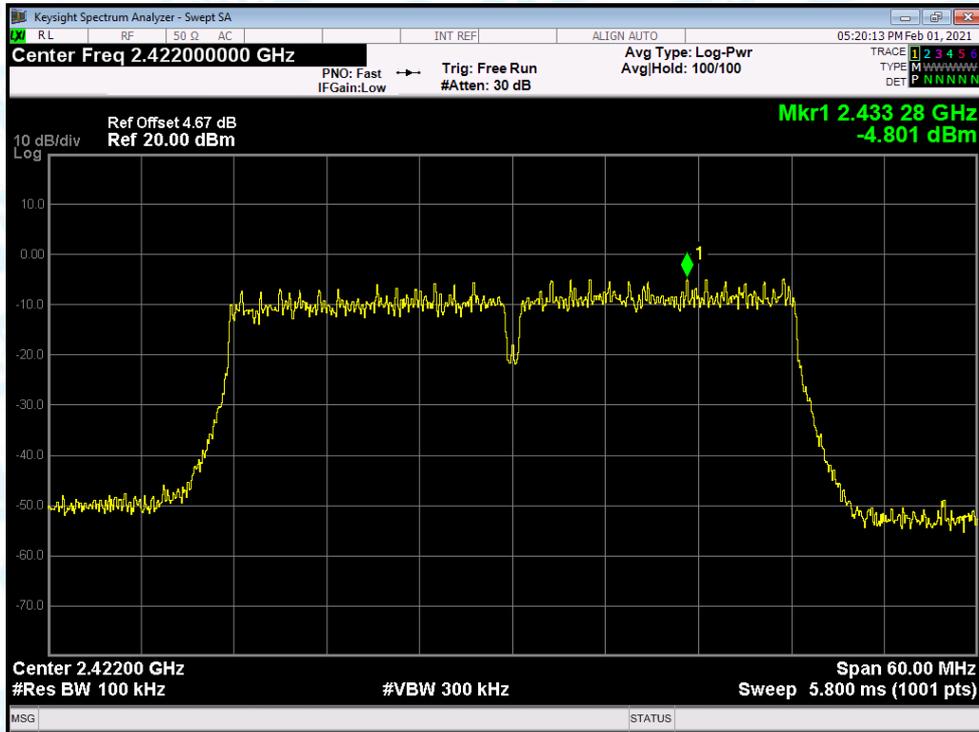
Band Edge NVNT n(HT20) 2462MHz Ant1 Ref



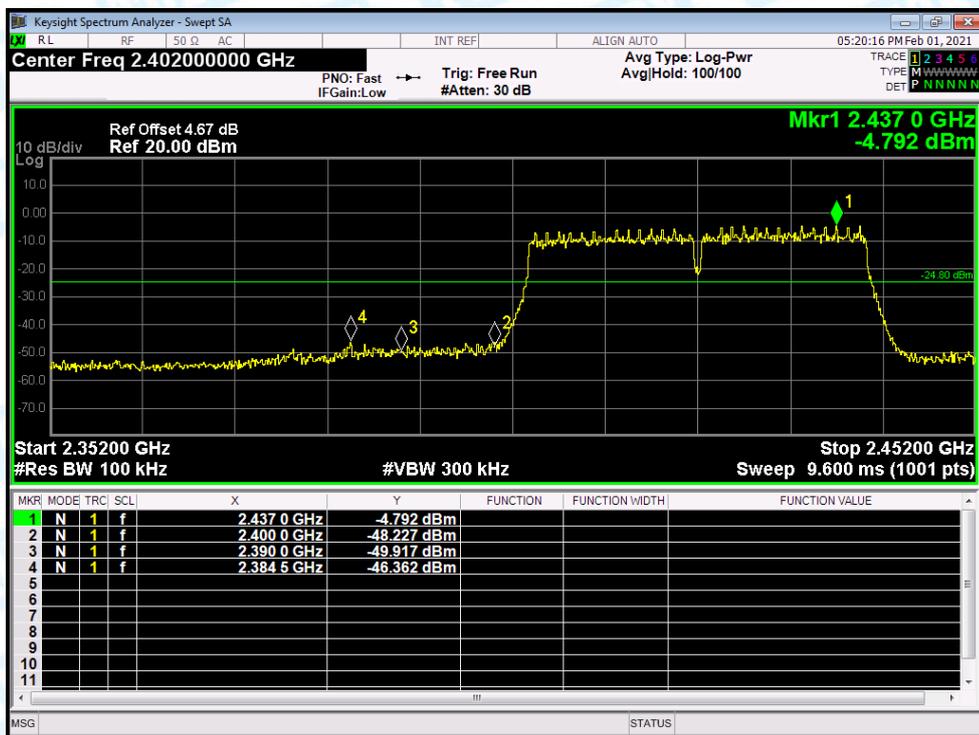
Band Edge NVNT n(HT20) 2462MHz Ant1 Emission



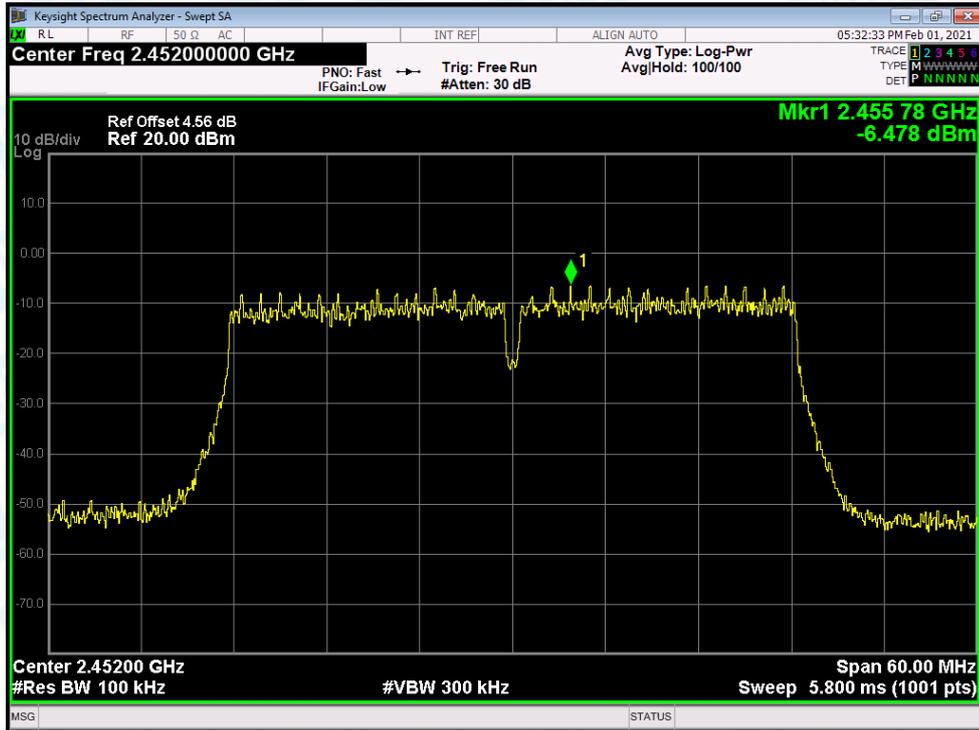
Band Edge NVNT n(HT40) 2422MHz Ant1 Ref



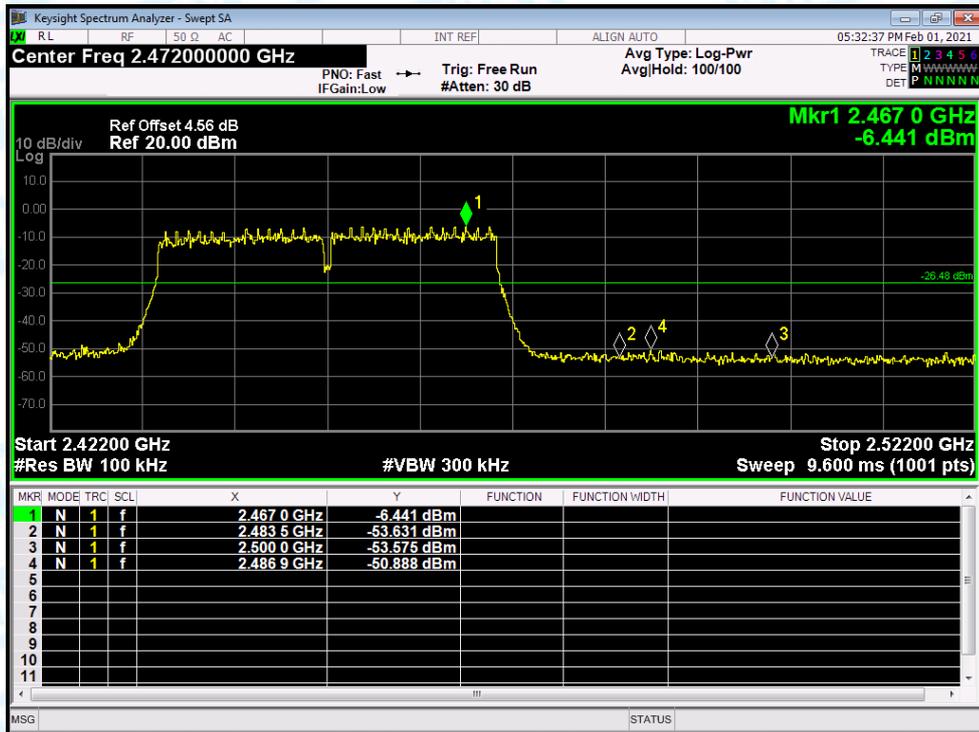
Band Edge NVNT n(HT40) 2422MHz Ant1 Emission



Band Edge NVNT n(HT40) 2452MHz Ant1 Ref



Band Edge NVNT n(HT40) 2452MHz Ant1 Emission

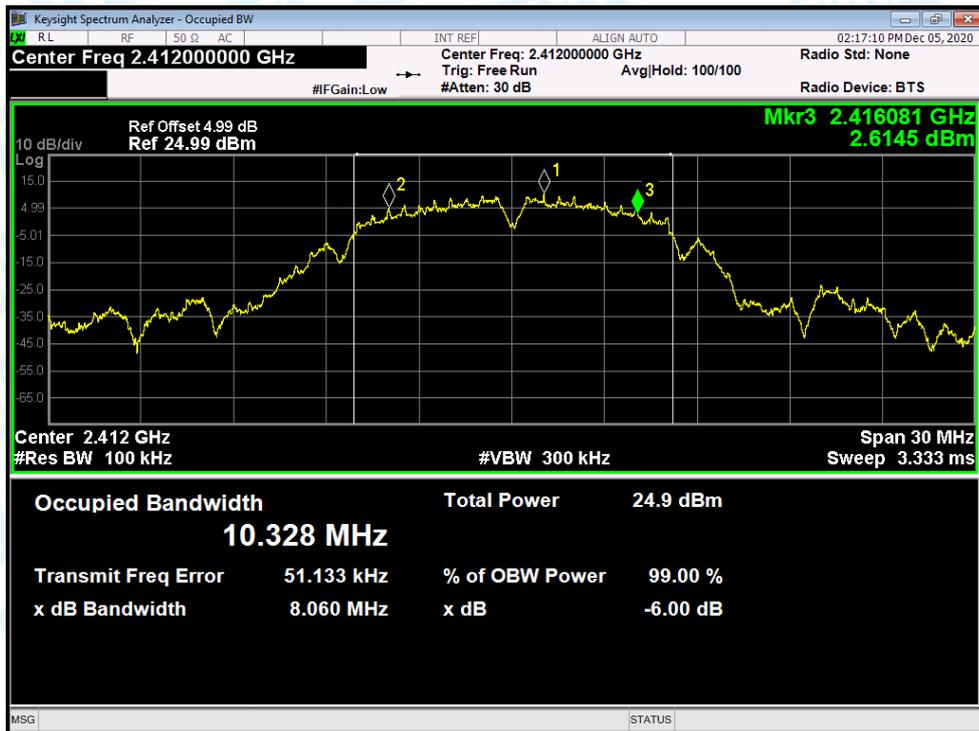


## Attachment D--Bandwidth Test

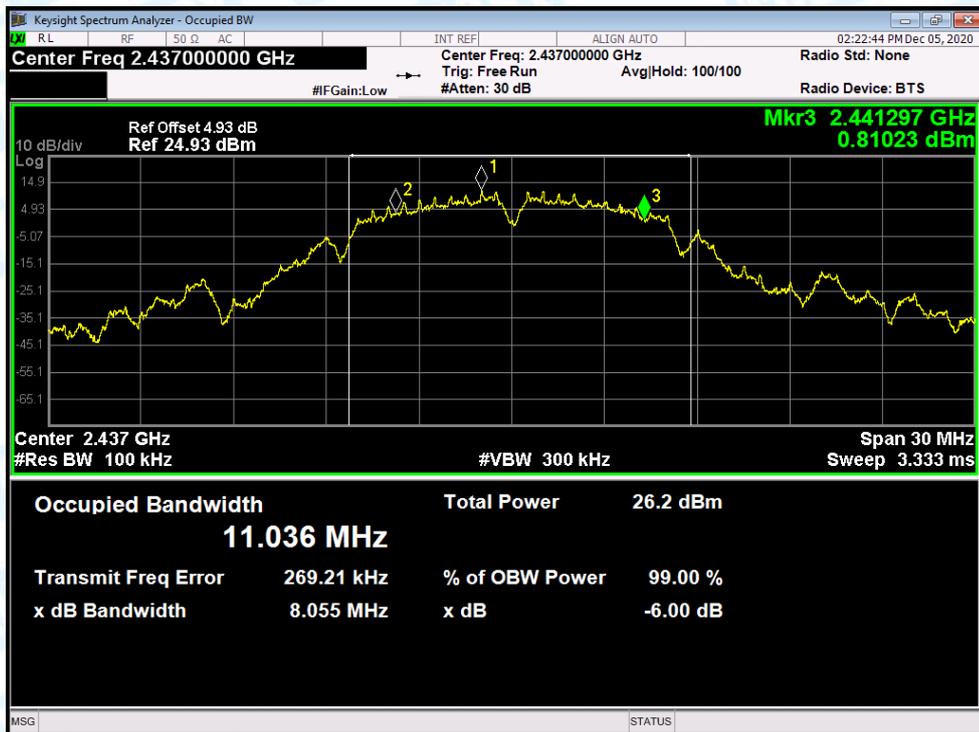
### -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.06	0.5	Pass
NVNT	b	2437	Ant1	8.055	0.5	Pass
NVNT	b	2462	Ant1	8.037	0.5	Pass
NVNT	g	2412	Ant1	16.331	0.5	Pass
NVNT	g	2437	Ant1	16.406	0.5	Pass
NVNT	g	2462	Ant1	16.363	0.5	Pass
NVNT	n(HT20)	2412	Ant1	17.557	0.5	Pass
NVNT	n(HT20)	2437	Ant1	17.58	0.5	Pass
NVNT	n(HT20)	2462	Ant1	17.579	0.5	Pass
NVNT	n(HT40)	2422	Ant1	36.298	0.5	Pass
NVNT	n(HT40)	2437	Ant1	36.311	0.5	Pass
NVNT	n(HT40)	2452	Ant1	36.376	0.5	Pass

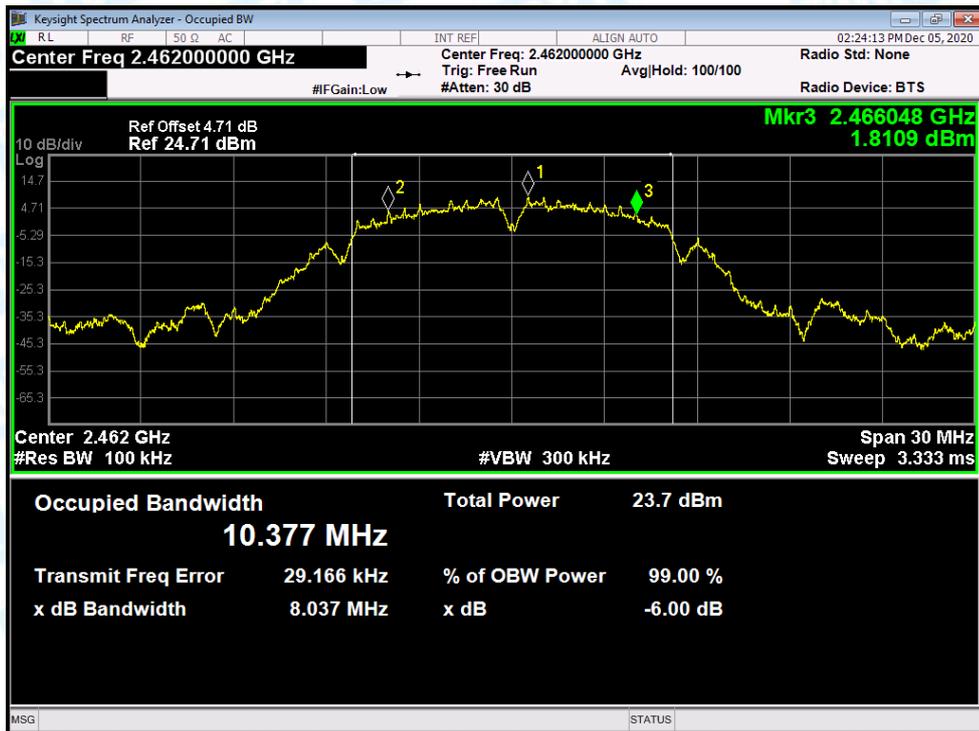
-6dB Bandwidth NVNT b 2412MHz Ant1



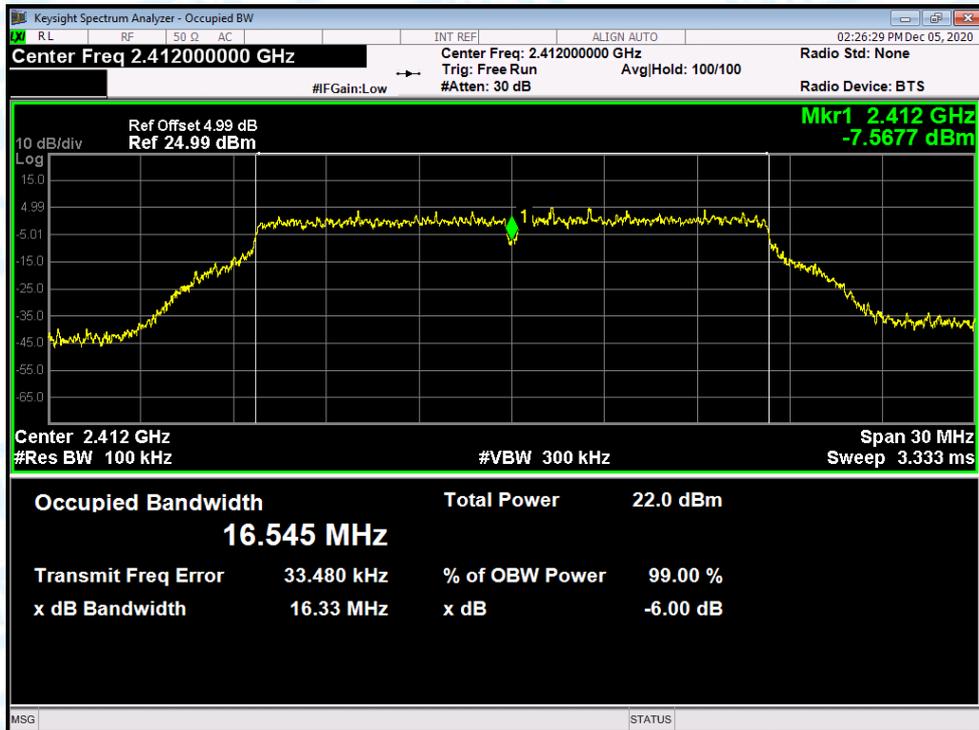
-6dB Bandwidth NVNT b 2437MHz Ant1



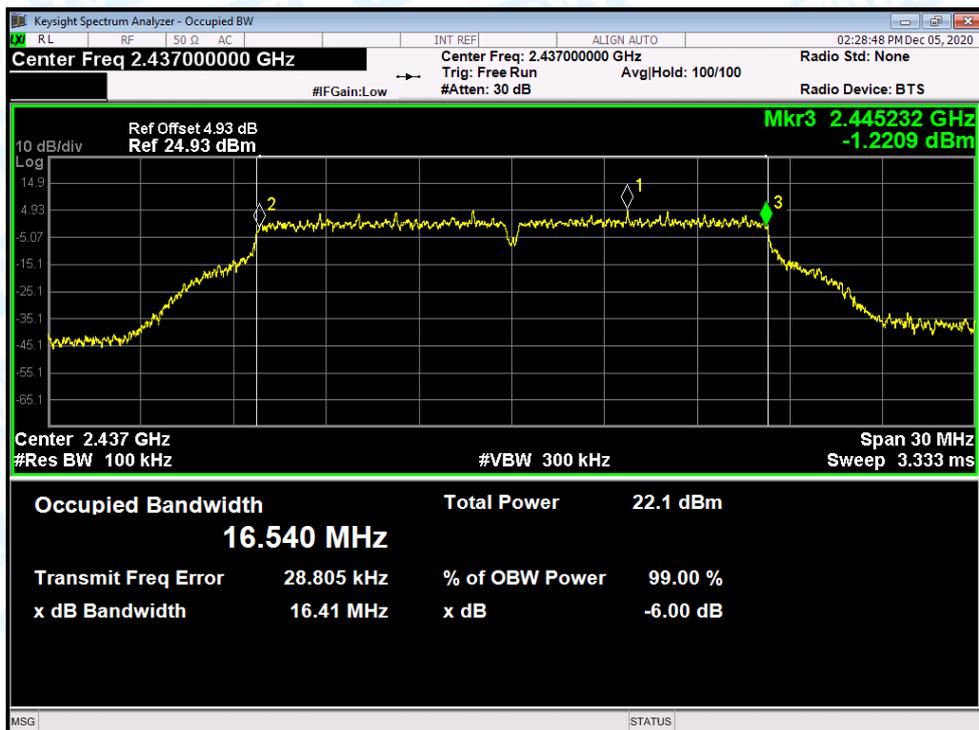
-6dB Bandwidth NVNT b 2462MHz Ant1



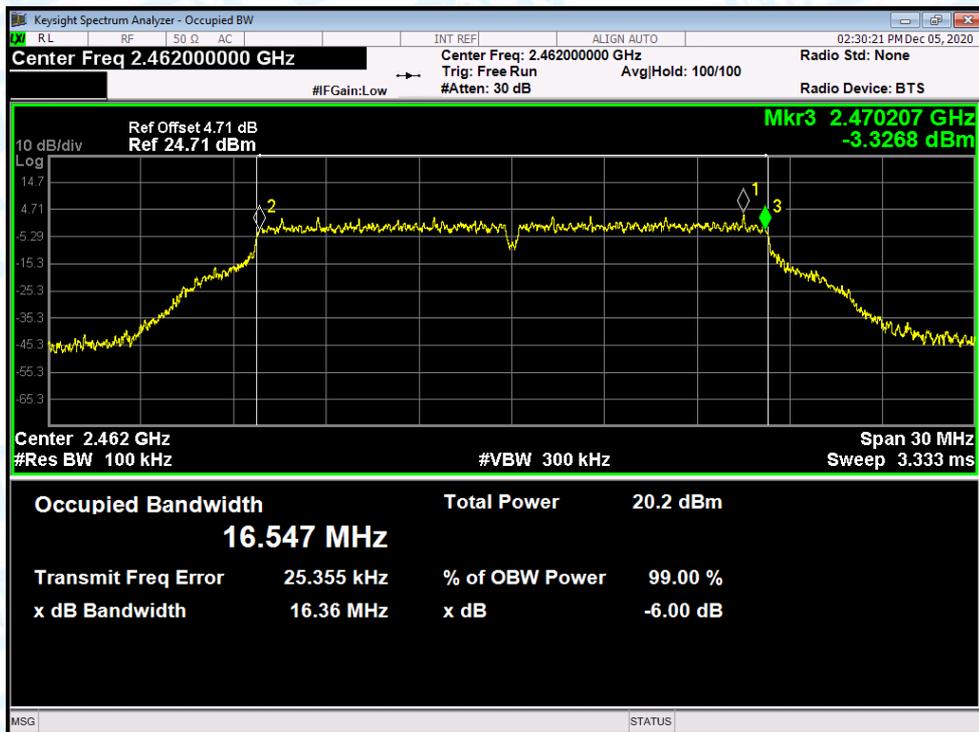
-6dB Bandwidth NVNT g 2412MHz Ant1



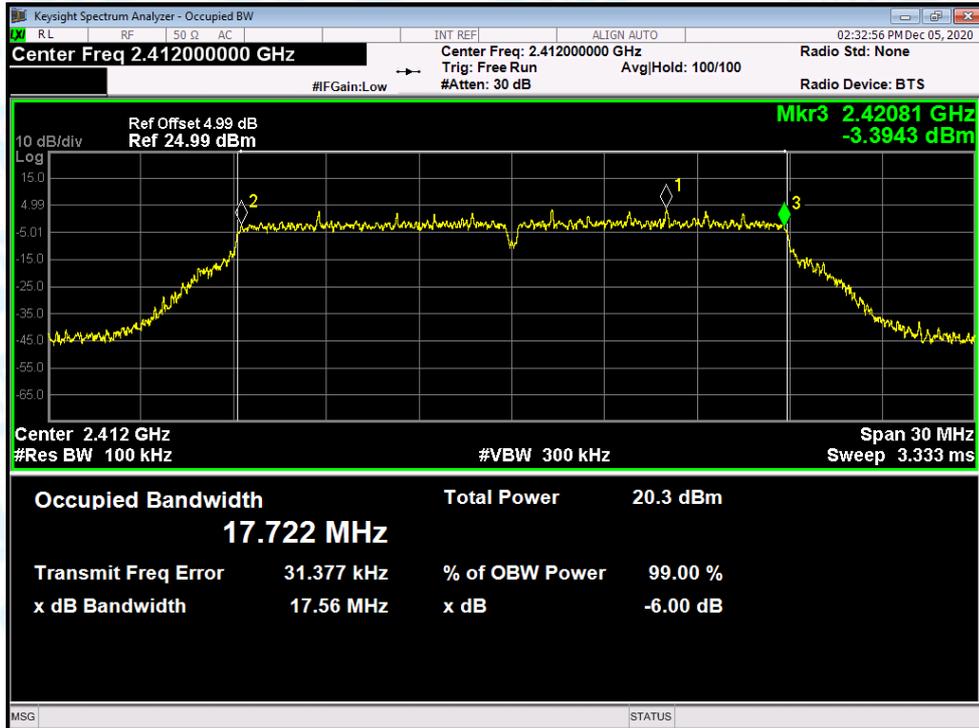
### -6dB Bandwidth NVNT g 2437MHz Ant1



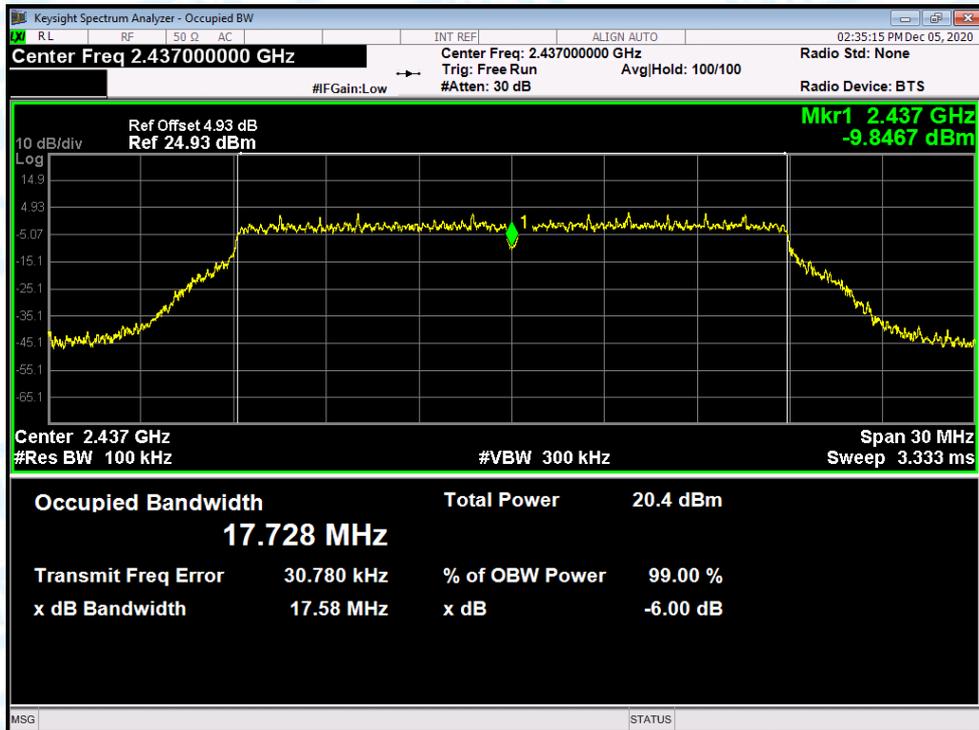
### -6dB Bandwidth NVNT g 2462MHz Ant1



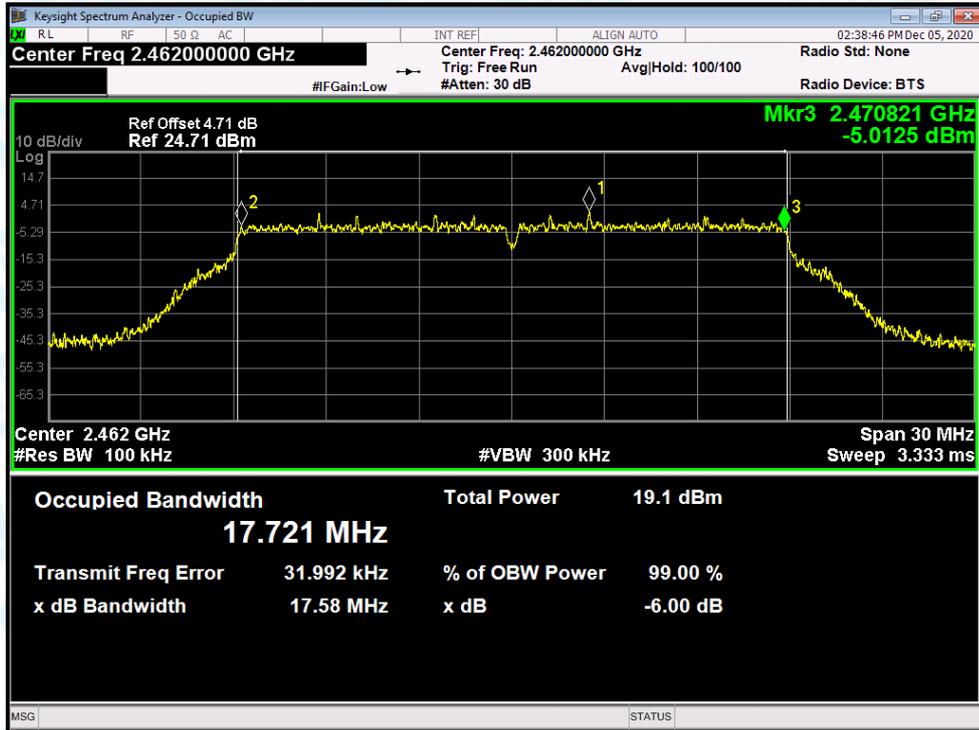
-6dB Bandwidth NVNT n(HT20) 2412MHz Ant1



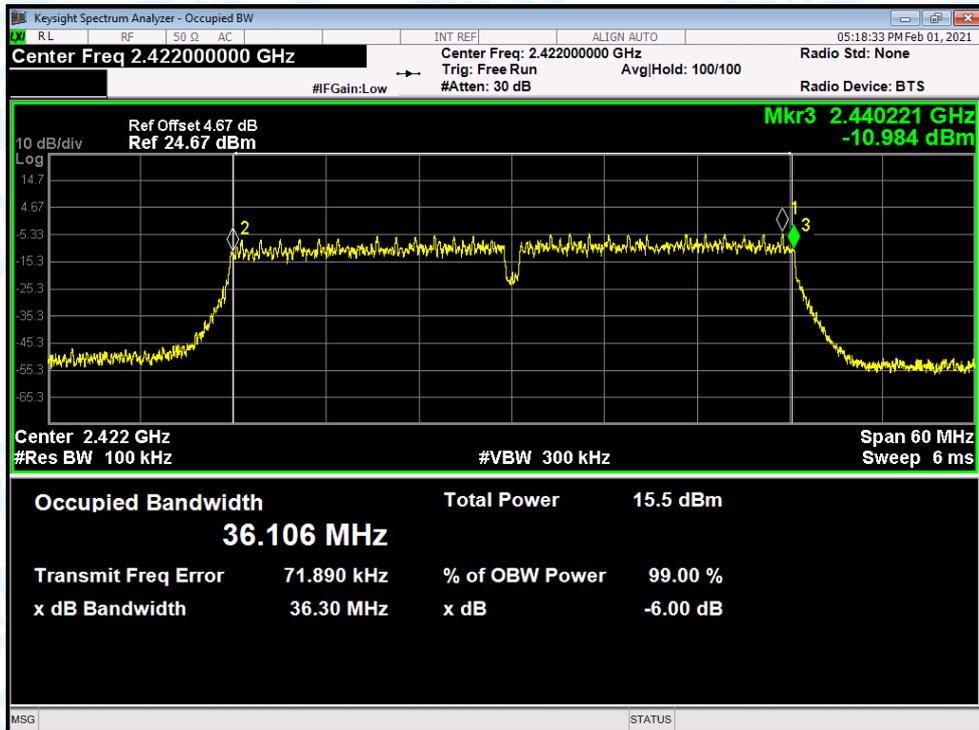
-6dB Bandwidth NVNT n(HT20) 2437MHz Ant1



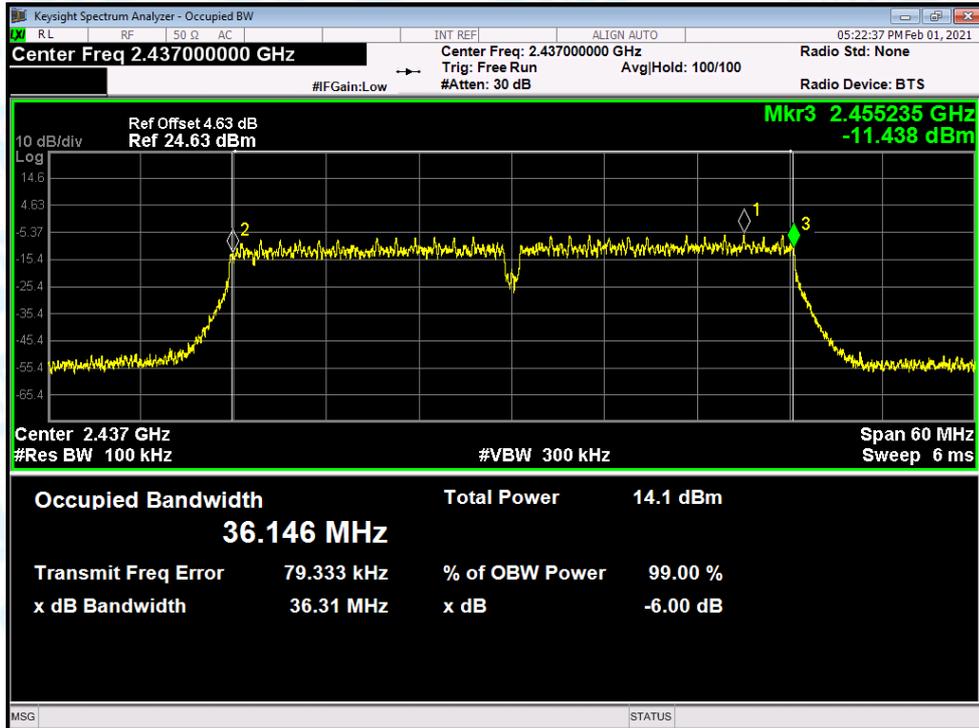
-6dB Bandwidth NVNT n(HT20) 2462MHz Ant1



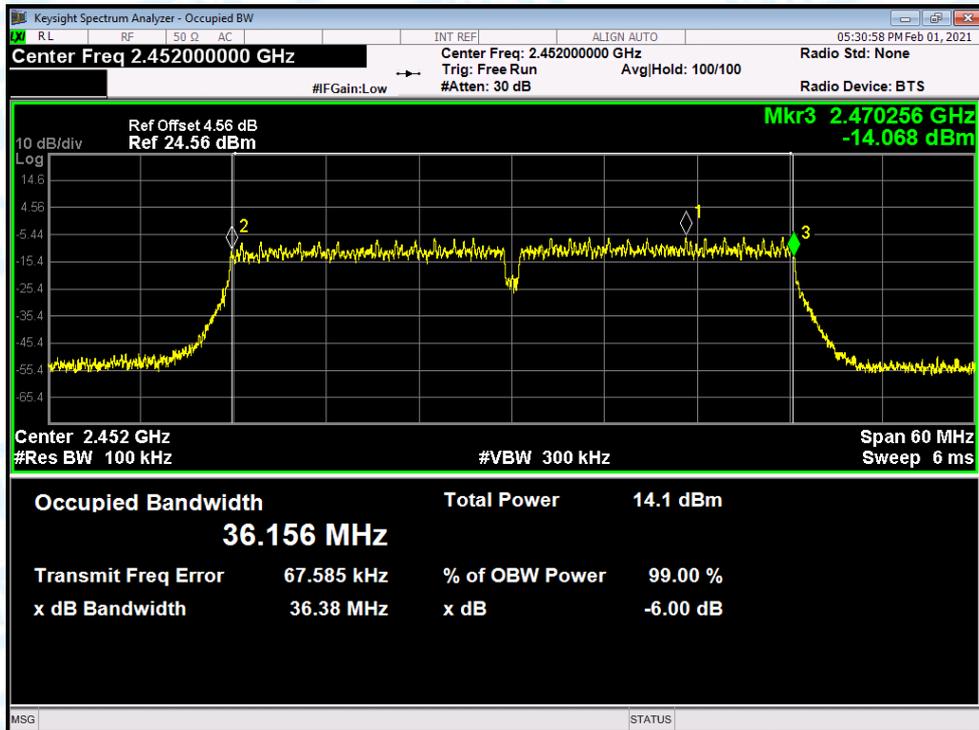
-6dB Bandwidth NVNT n(HT40) 2422MHz Ant1



-6dB Bandwidth NVNT n(HT40) 2437MHz Ant1



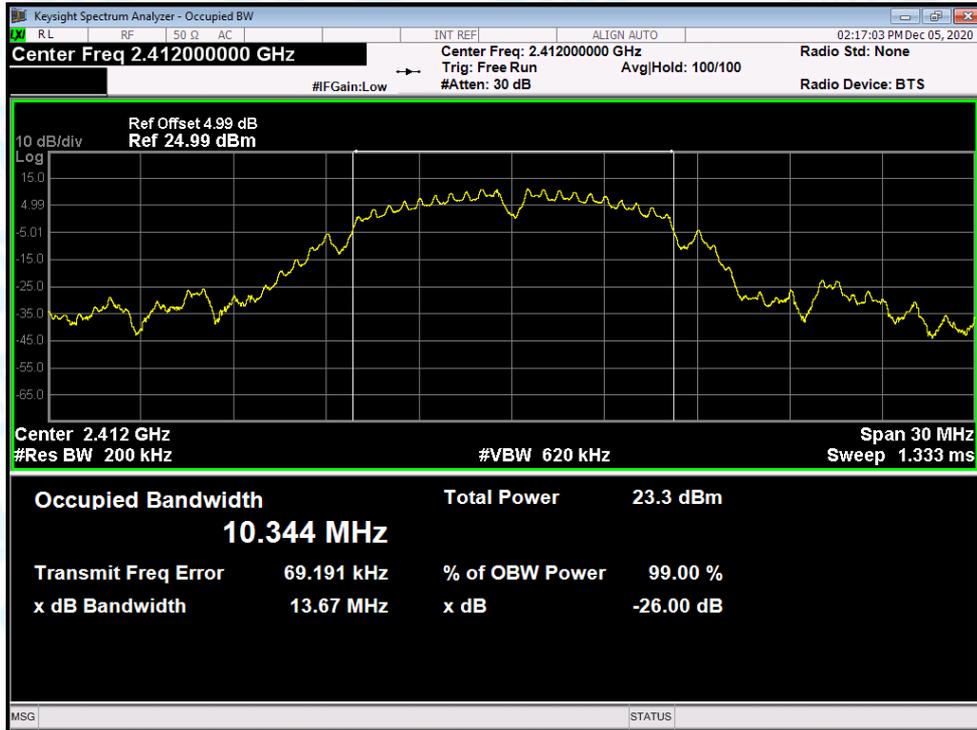
-6dB Bandwidth NVNT n(HT40) 2452MHz Ant1



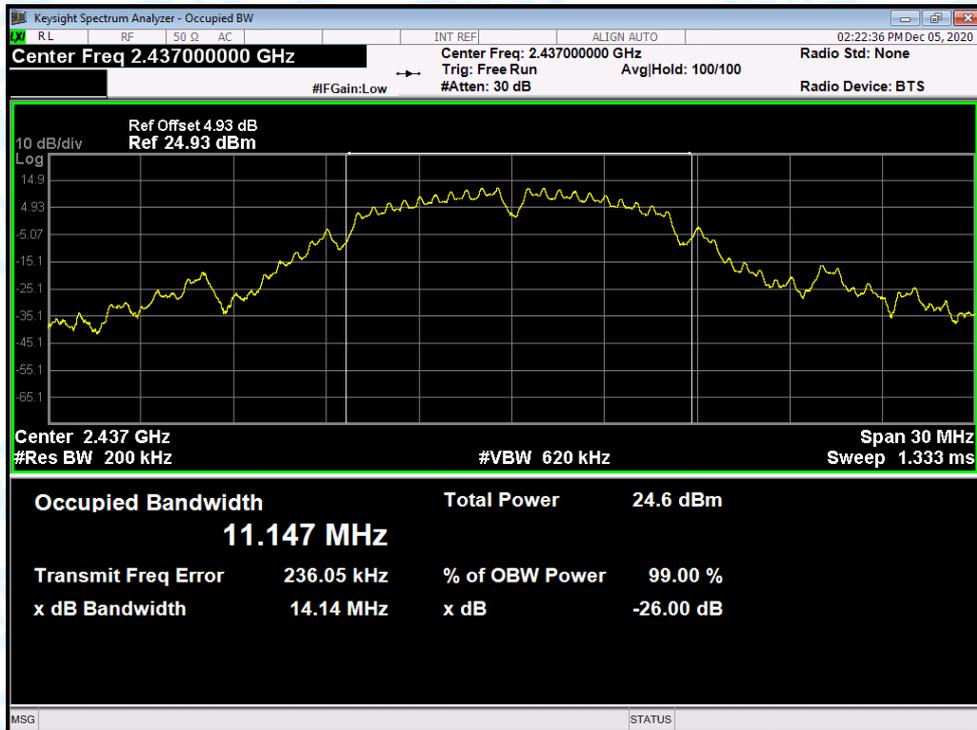
### Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	10.344
NVNT	b	2437	Ant1	11.147
NVNT	b	2462	Ant1	10.454
NVNT	g	2412	Ant1	16.720
NVNT	g	2437	Ant1	16.742
NVNT	g	2462	Ant1	16.722
NVNT	n(HT20)	2412	Ant1	17.872
NVNT	n(HT20)	2437	Ant1	17.855
NVNT	n(HT20)	2462	Ant1	17.835
NVNT	n(HT40)	2422	Ant1	36.241
NVNT	n(HT40)	2437	Ant1	36.232
NVNT	n(HT40)	2452	Ant1	36.291

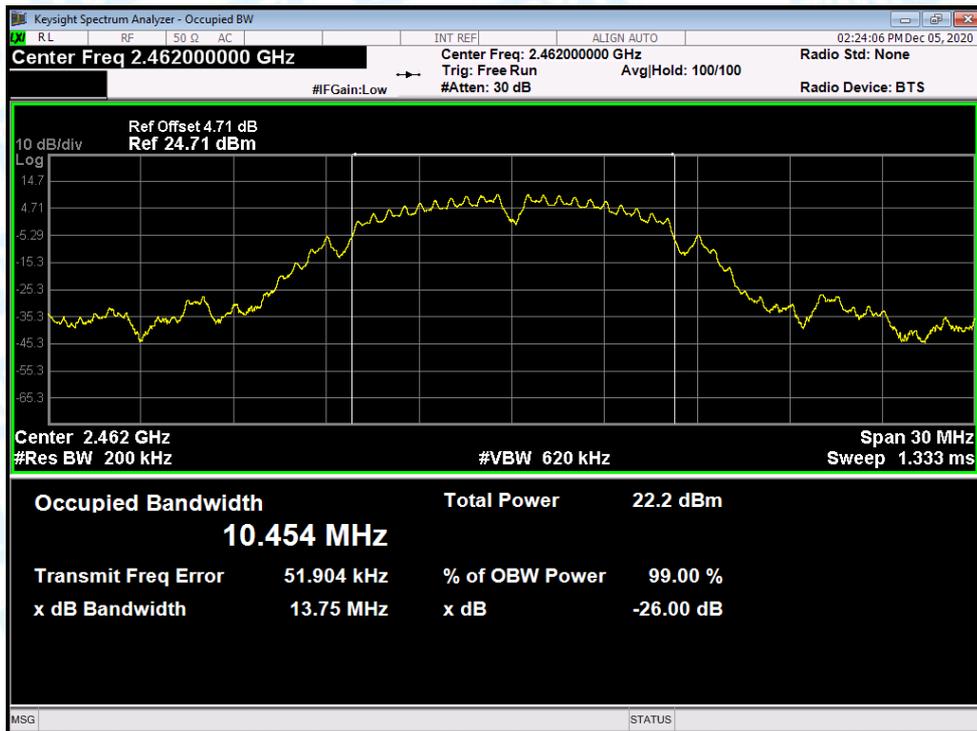
OBW NVNT b 2412MHz Ant1



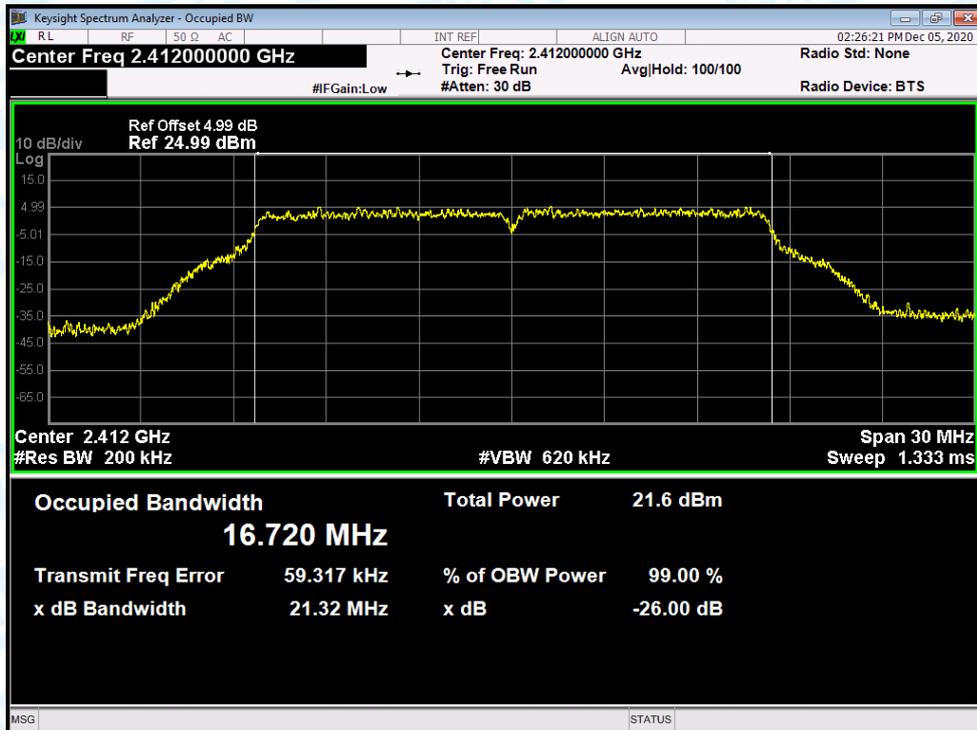
OBW NVNT b 2437MHz Ant1



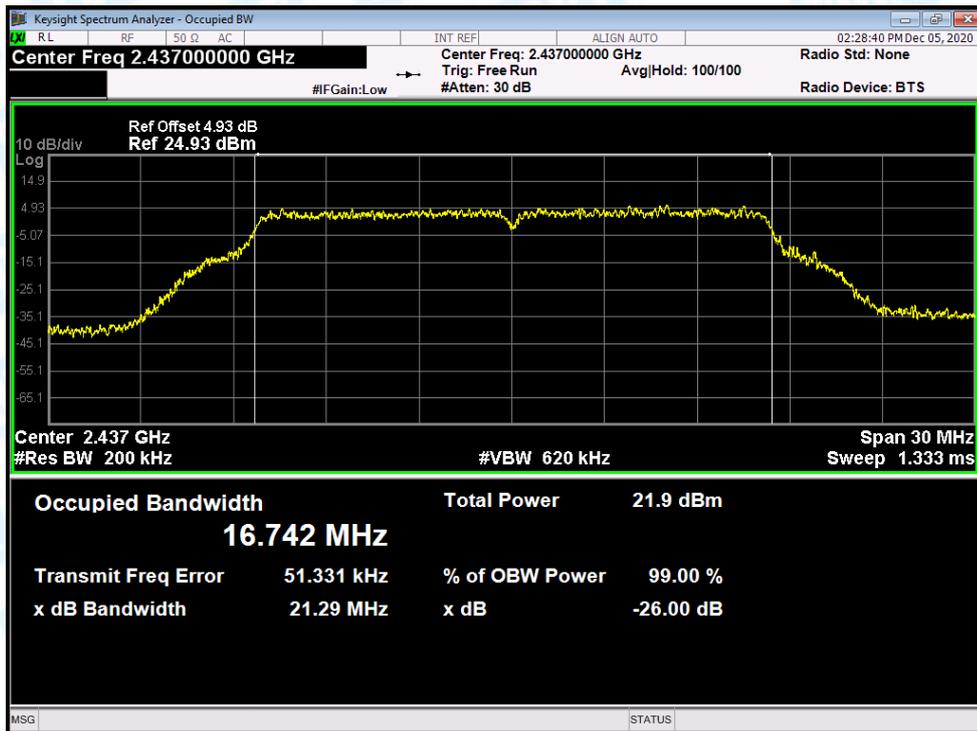
OBW NVNT b 2462MHz Ant1



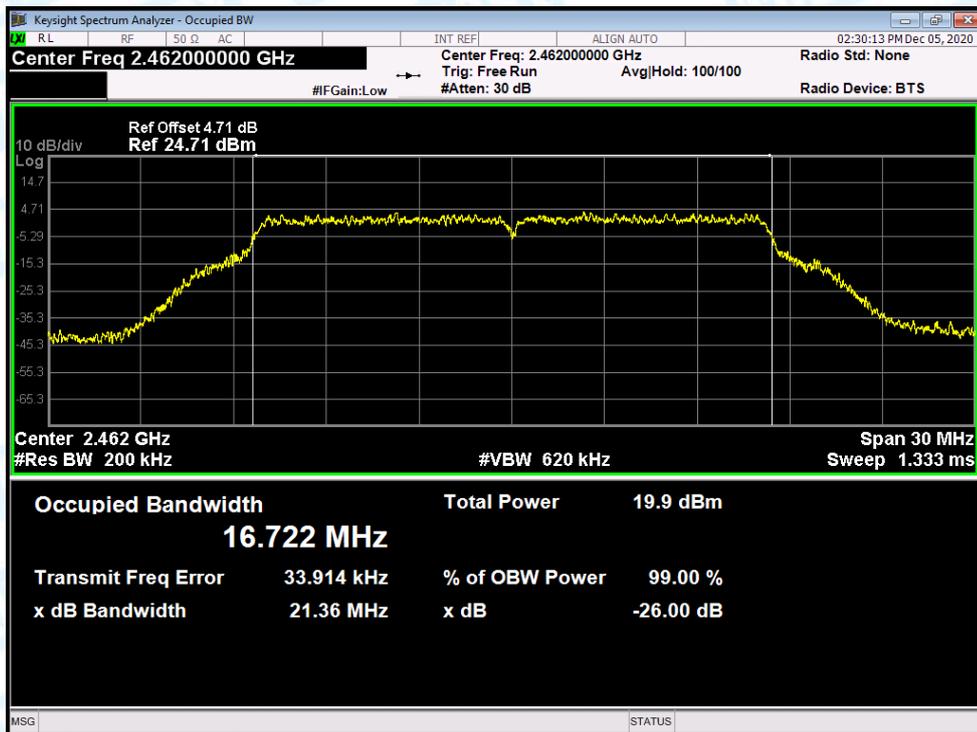
OBW NVNT g 2412MHz Ant1



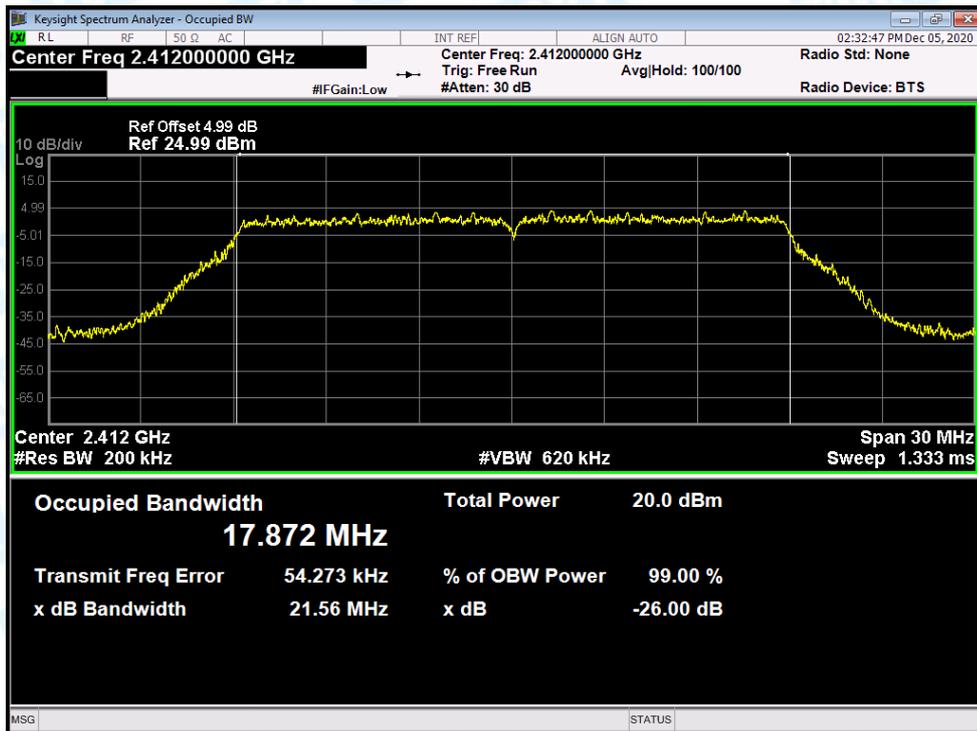
OBW NVNT g 2437MHz Ant1



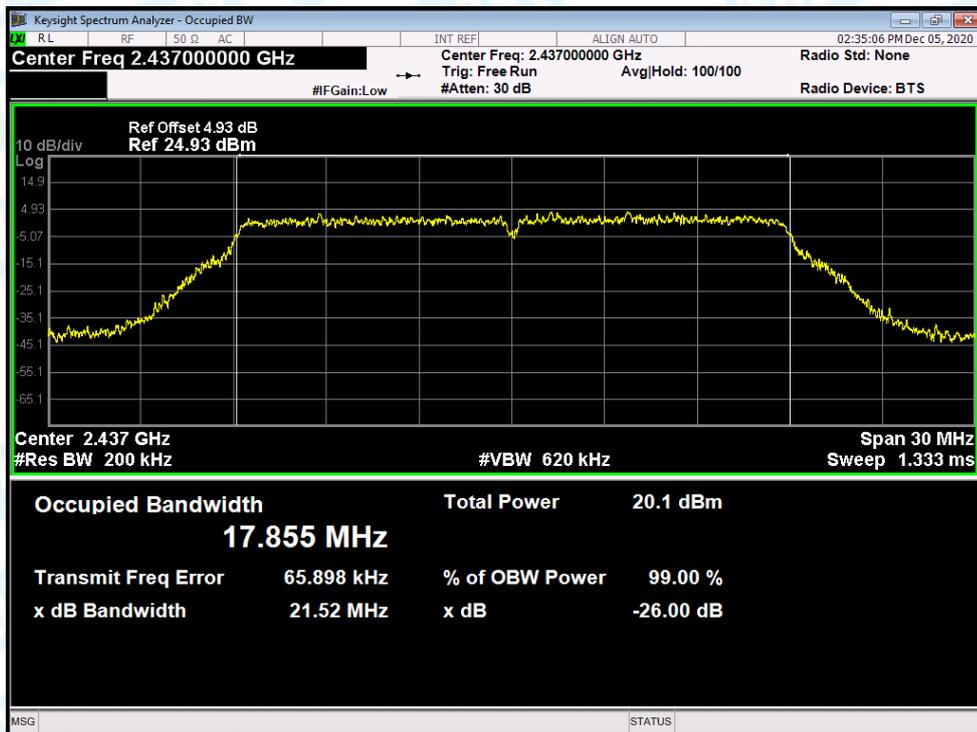
OBW NVNT g 2462MHz Ant1



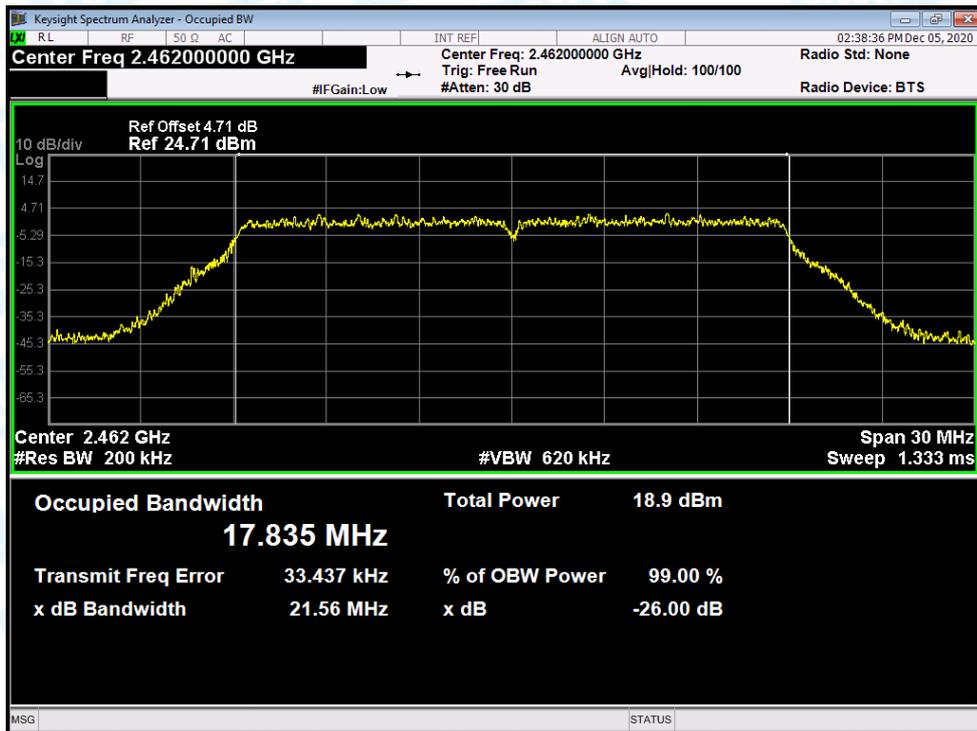
OBW NVNT n(HT20) 2412MHz Ant1



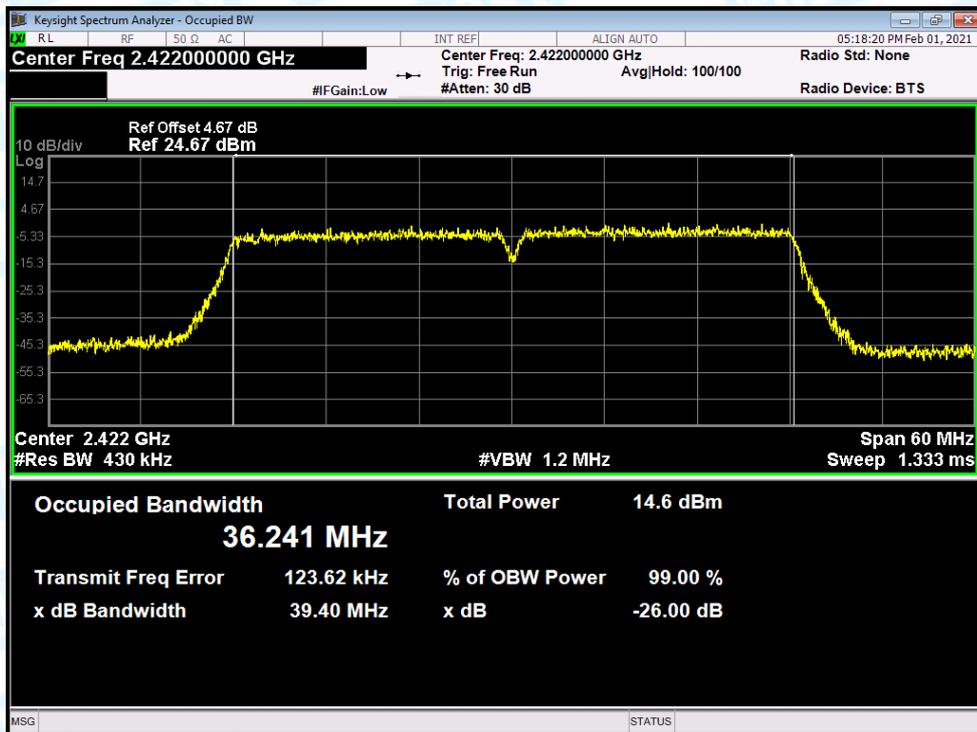
OBW NVNT n(HT20) 2437MHz Ant1



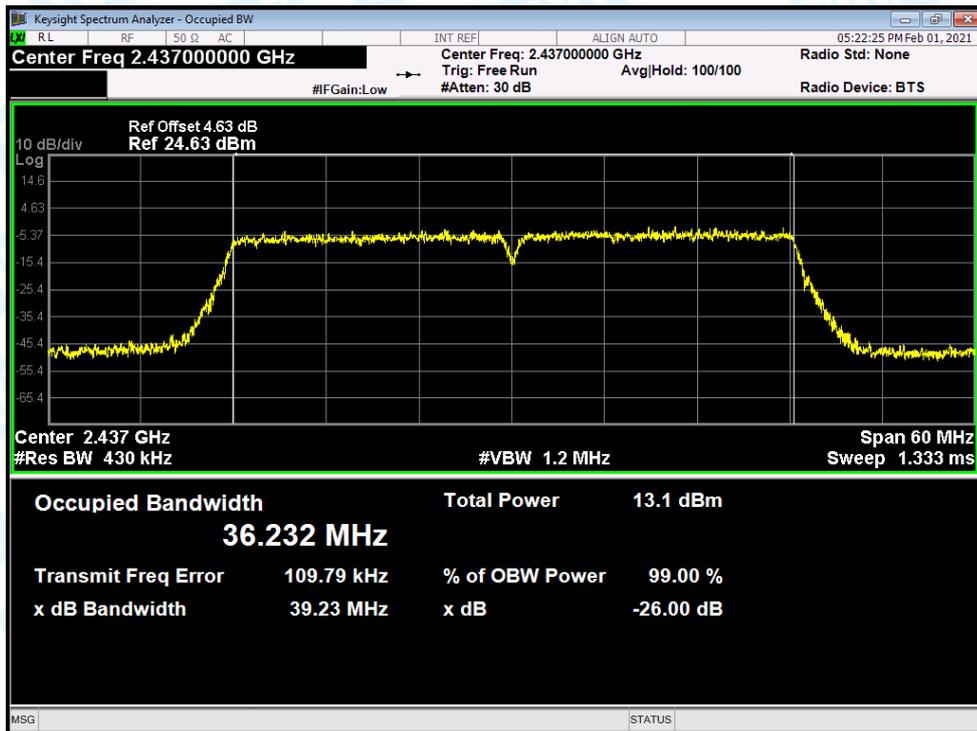
OBW NVNT n(HT20) 2462MHz Ant1



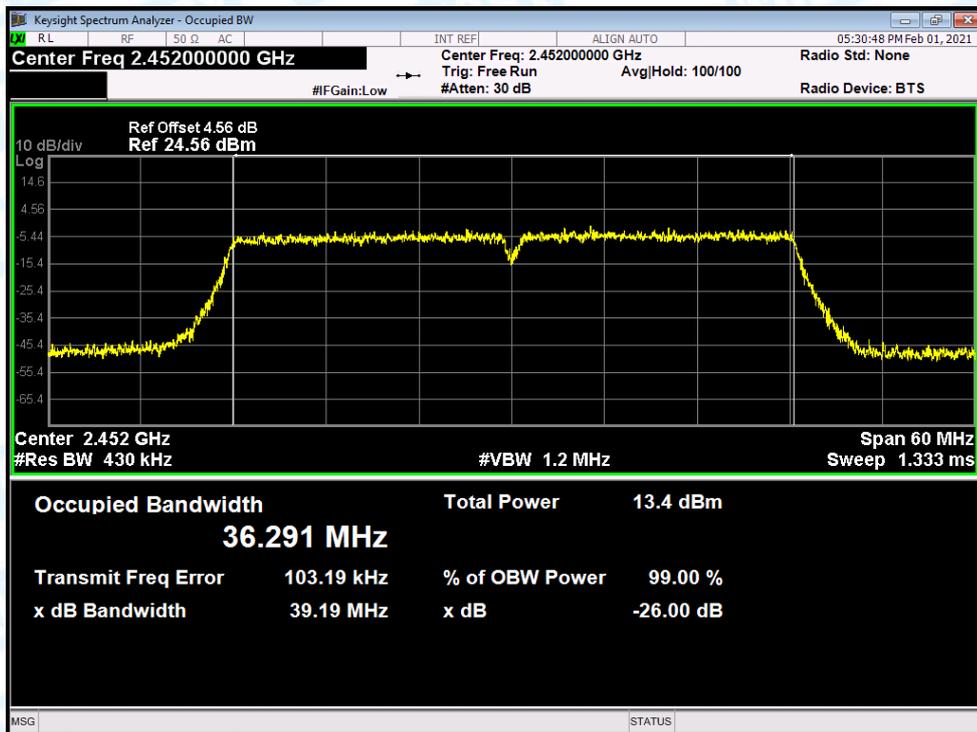
OBW NVNT n(HT40) 2422MHz Ant1



OBW NVNT n(HT40) 2437MHz Ant1



OBW NVNT n(HT40) 2452MHz Ant1

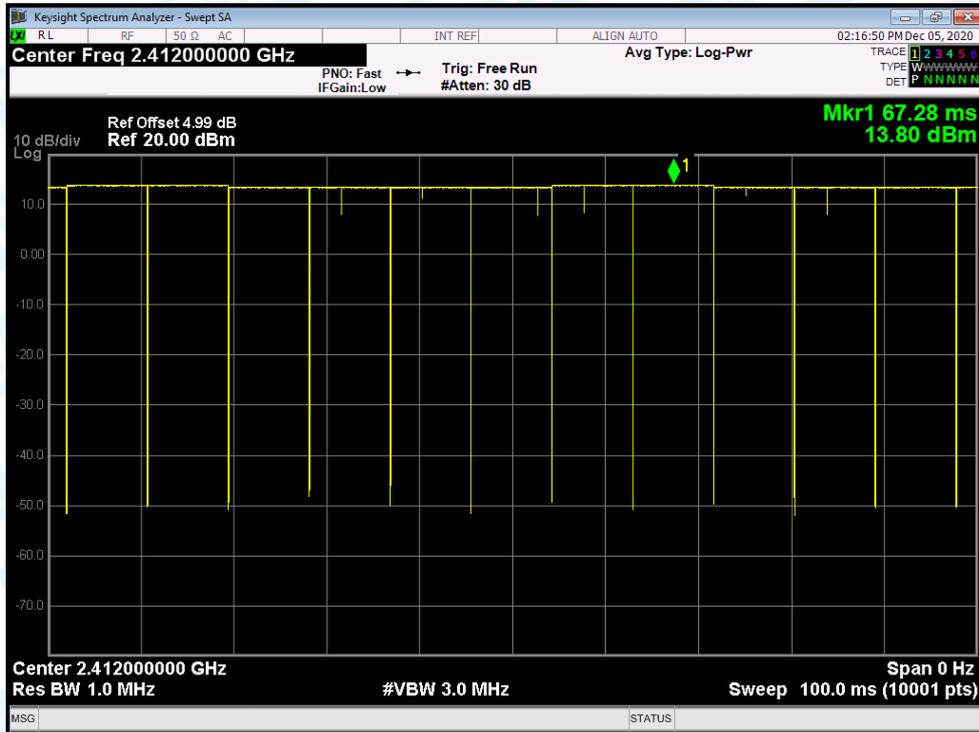


## Attachment E--Peak Output Power

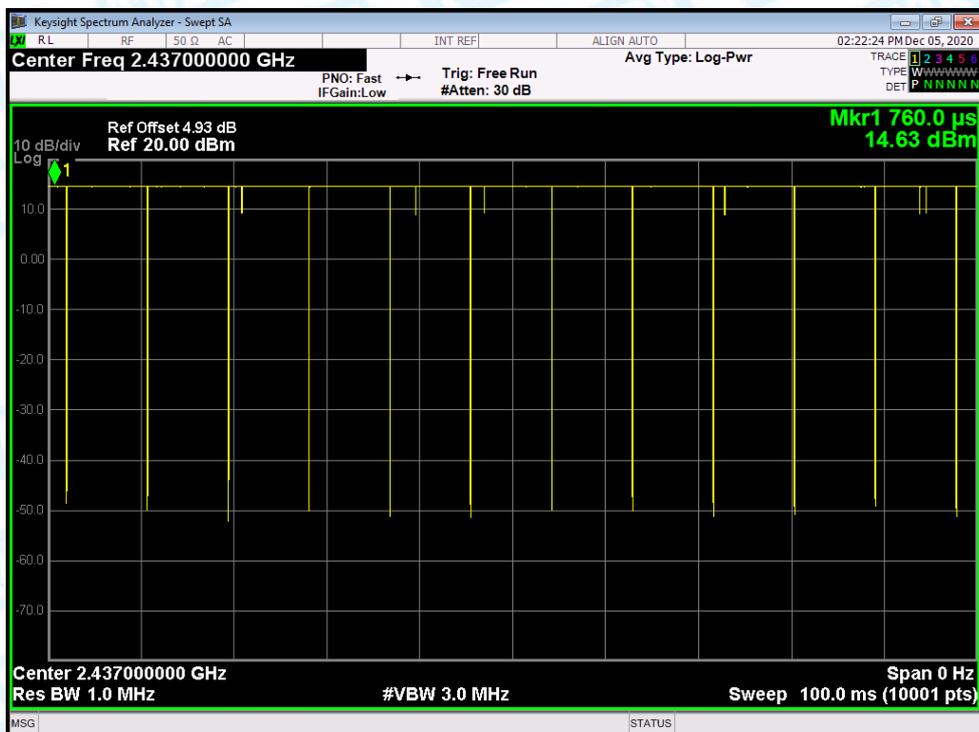
### Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)
NVNT	b	2412	Ant1	99
NVNT	b	2437	Ant1	99.01
NVNT	b	2462	Ant1	99.09
NVNT	g	2412	Ant1	94.11
NVNT	g	2437	Ant1	94.15
NVNT	g	2462	Ant1	94.05
NVNT	n(HT20)	2412	Ant1	93.78
NVNT	n(HT20)	2437	Ant1	93.69
NVNT	n(HT20)	2462	Ant1	93.74
NVNT	n(HT40)	2422	Ant1	55.43
NVNT	n(HT40)	2437	Ant1	55.63
NVNT	n(HT40)	2452	Ant1	55.59

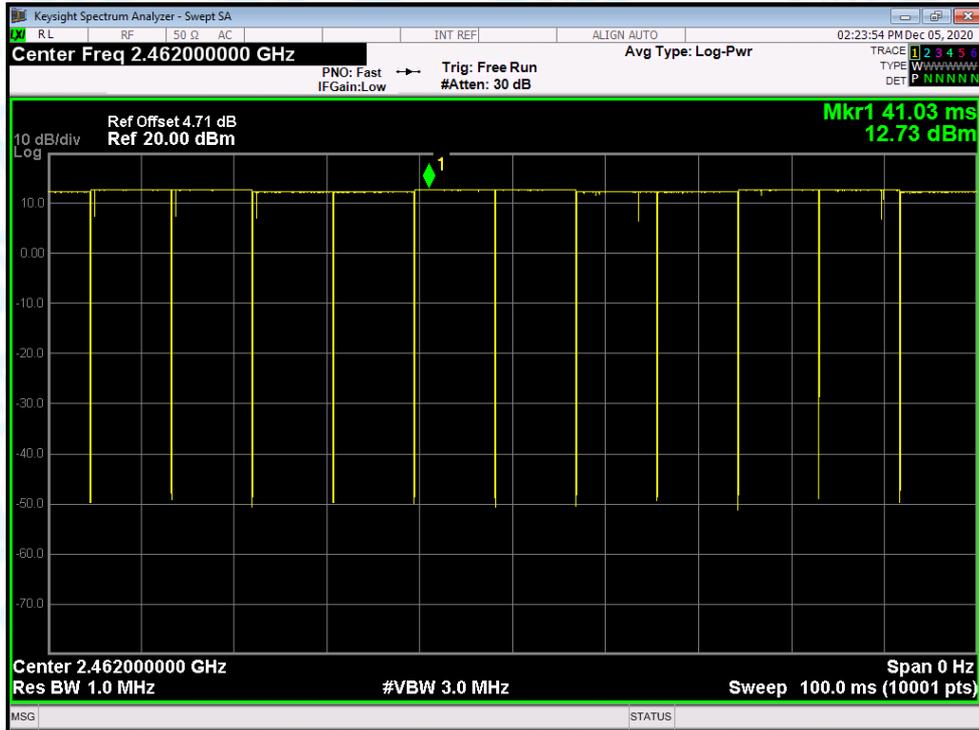
Duty Cycle NVNT b 2412MHz Ant1



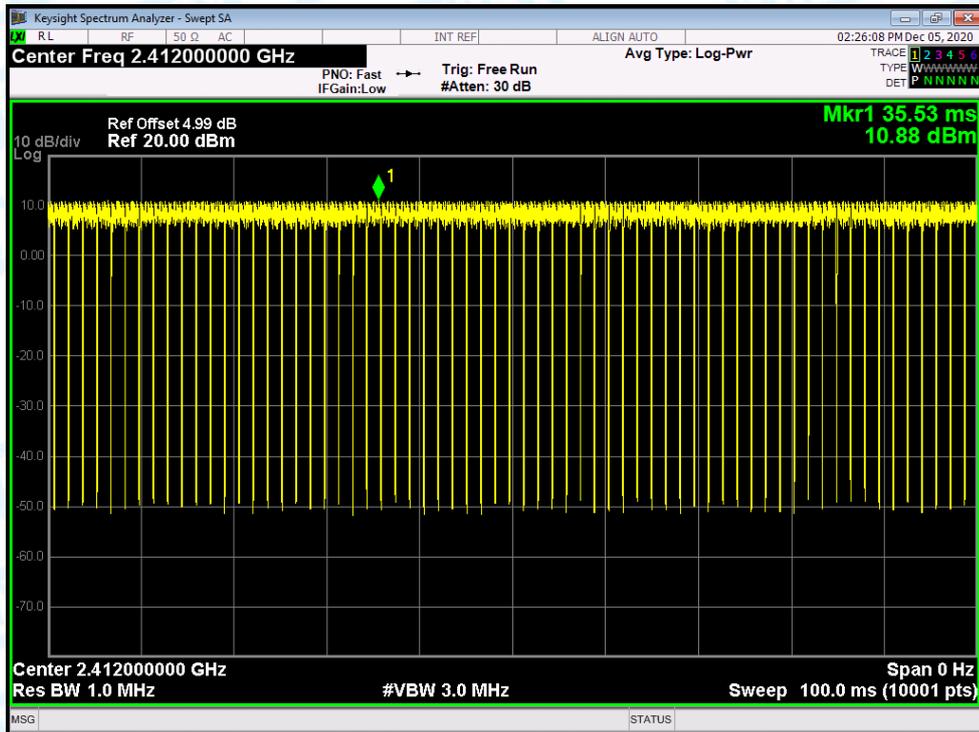
Duty Cycle NVNT b 2437MHz Ant1



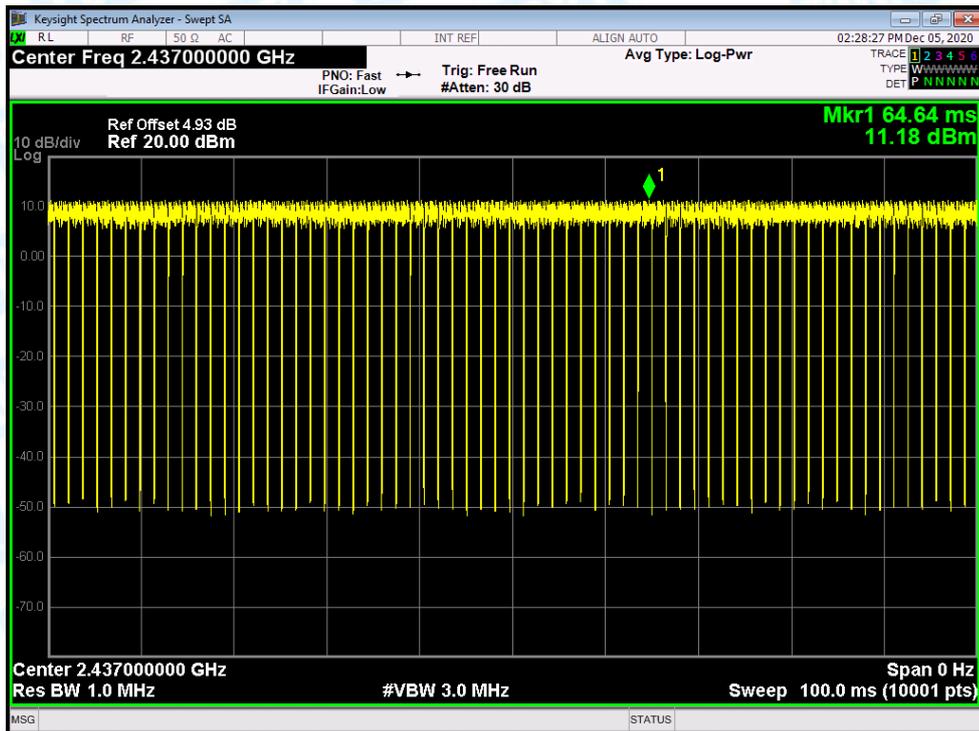
Duty Cycle NVNT b 2462MHz Ant1



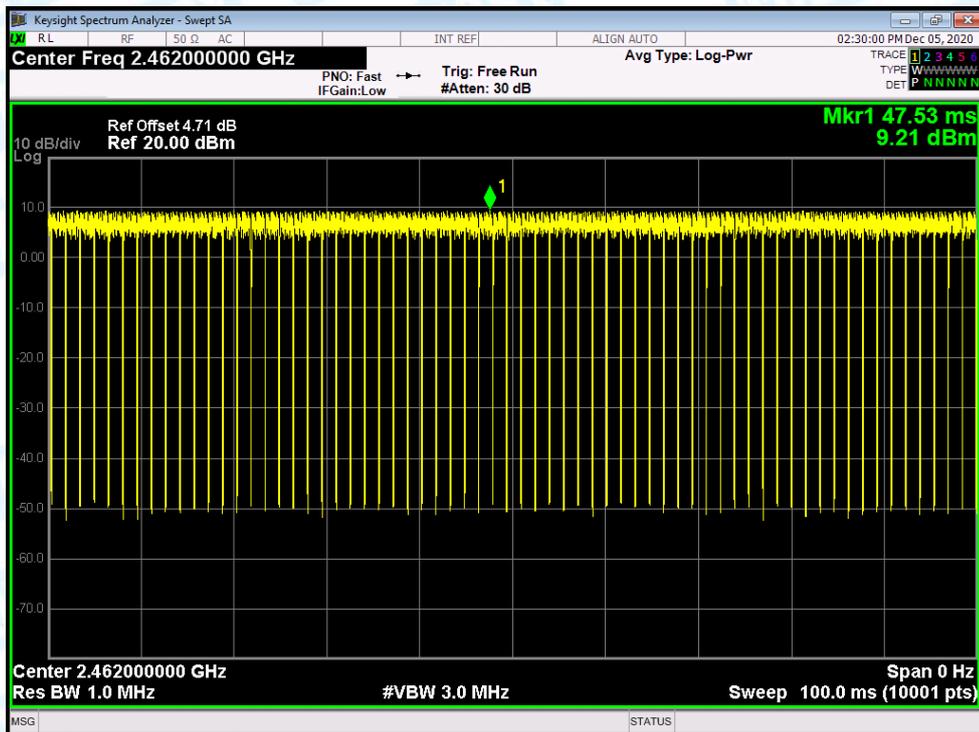
Duty Cycle NVNT g 2412MHz Ant1



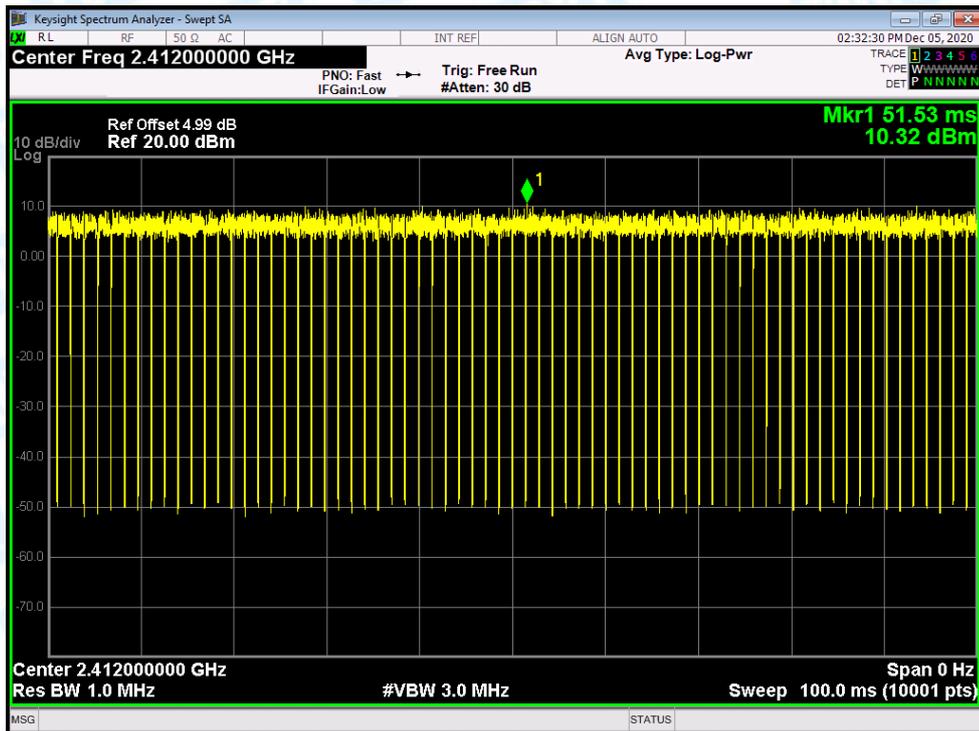
Duty Cycle NVNT g 2437MHz Ant1



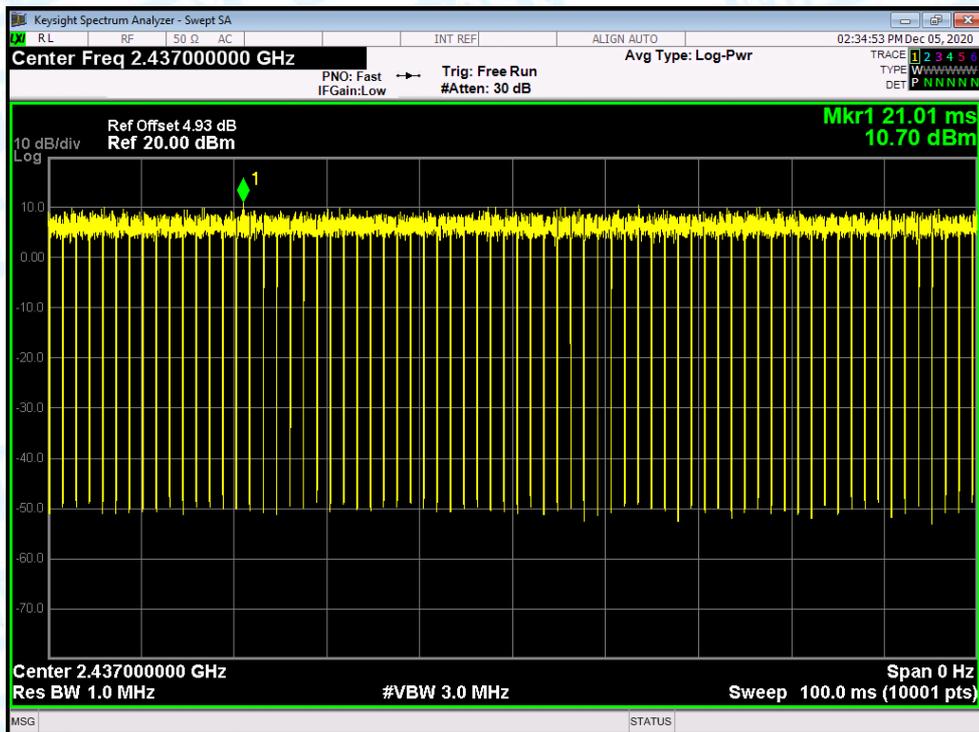
Duty Cycle NVNT g 2462MHz Ant1



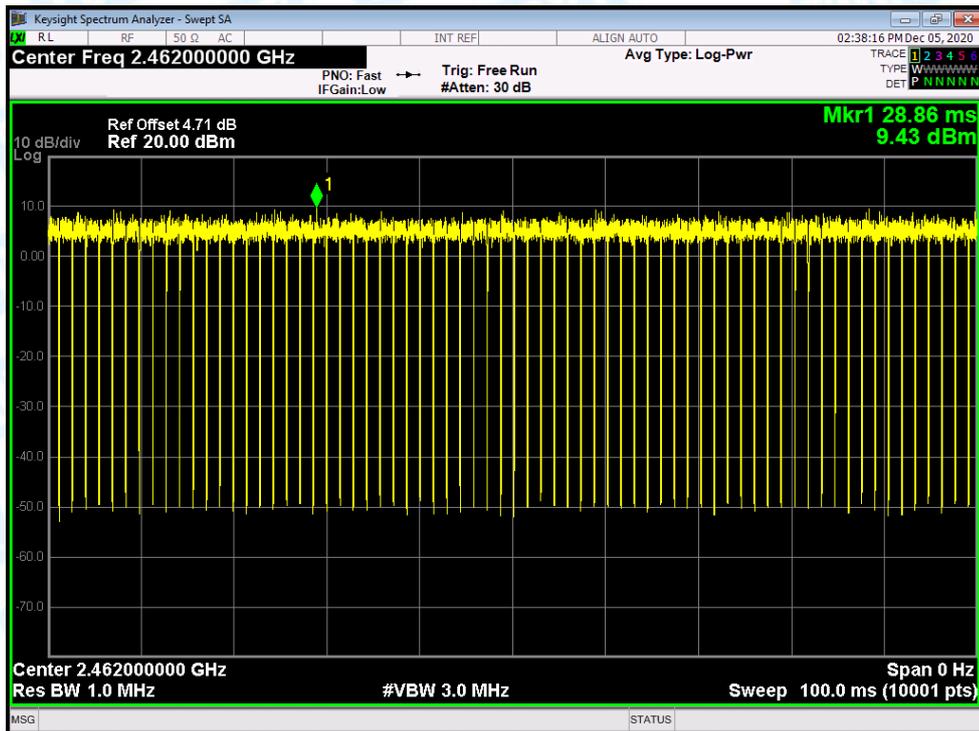
Duty Cycle NVNT n(HT20) 2412MHz Ant1



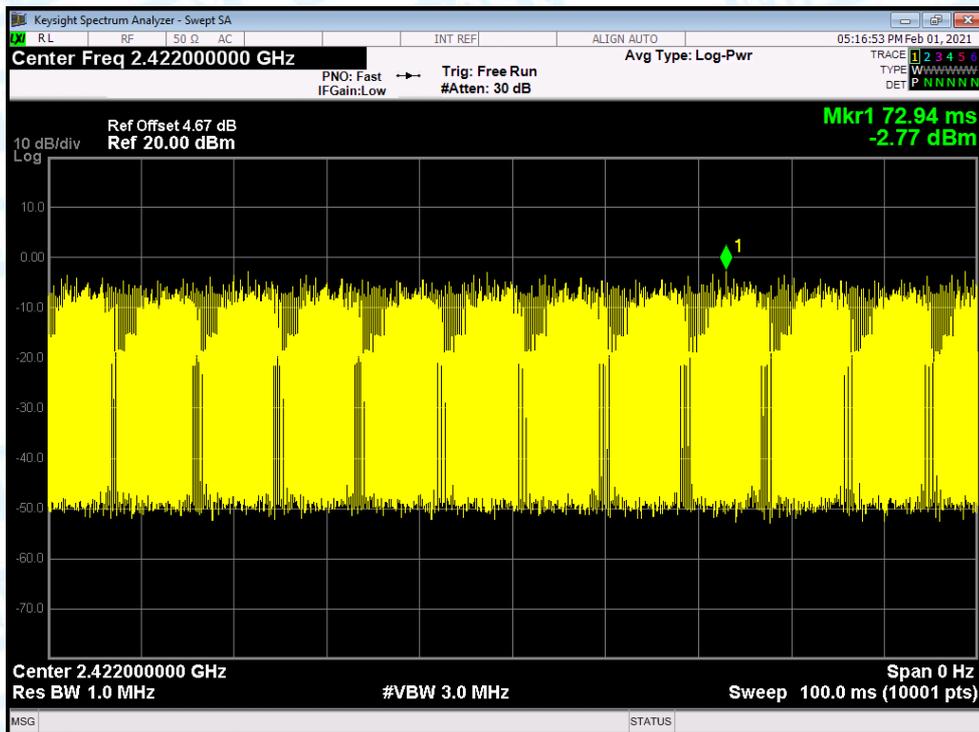
Duty Cycle NVNT n(HT20) 2437MHz Ant1



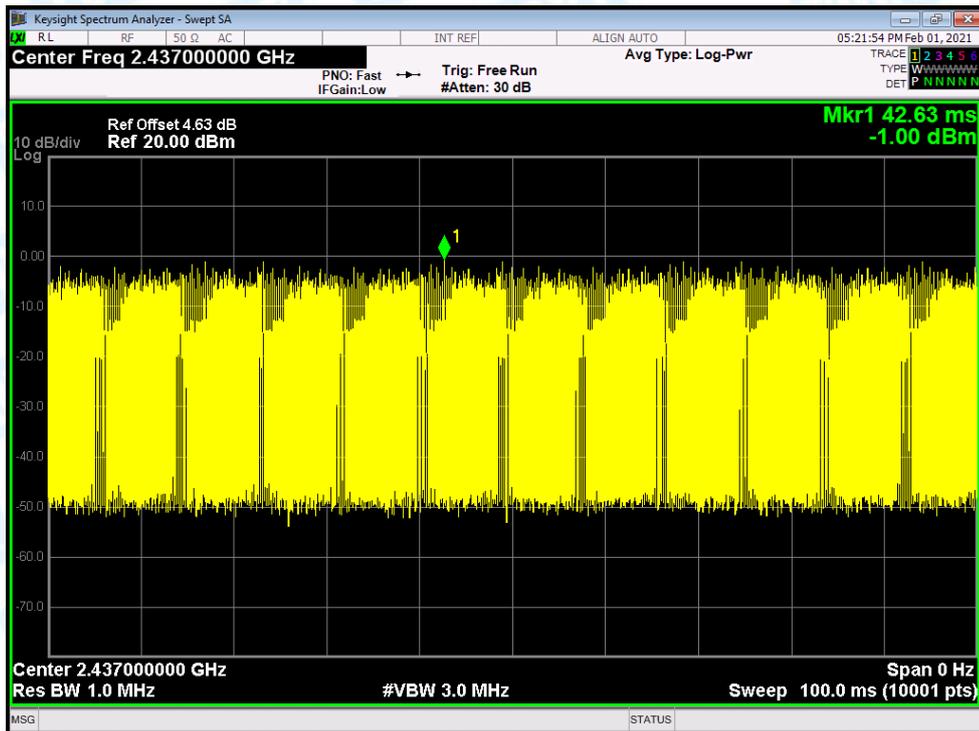
Duty Cycle NVNT n(HT20) 2462MHz Ant1



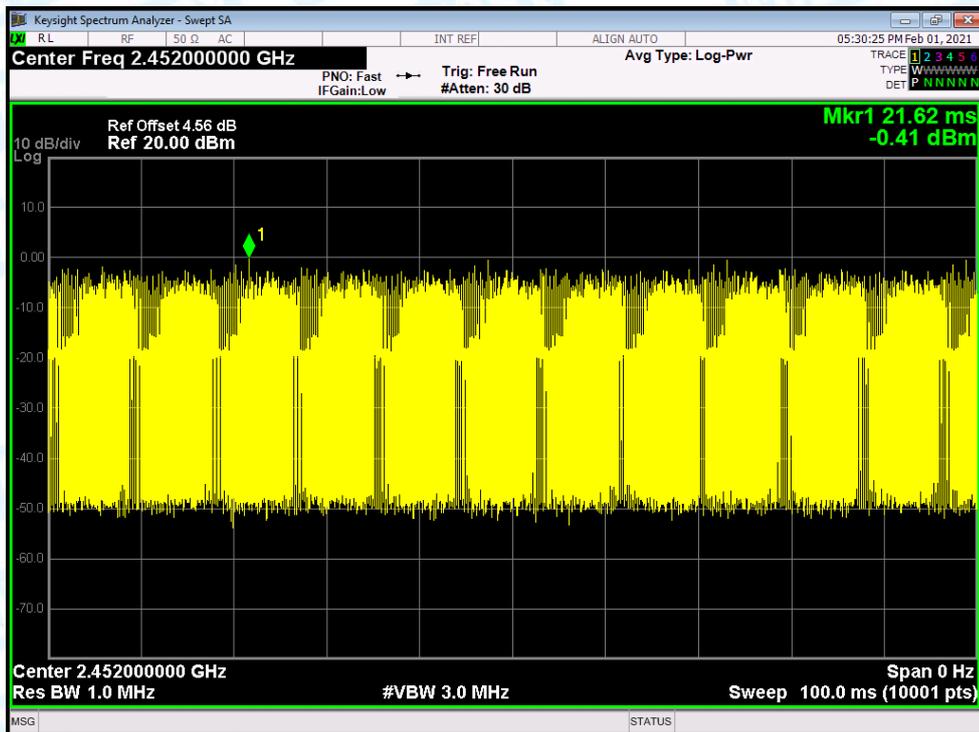
Duty Cycle NVNT n(HT40) 2422MHz Ant1



Duty Cycle NVNT n(HT40) 2437MHz Ant1



Duty Cycle NVNT n(HT40) 2452MHz Ant1



### Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	E.I.R.P Power (dBm)	Limit (dBm)	E.I.R.P Power Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.432	18.432	30	30	Pass
NVNT	b	2437	Ant1	17.789	19.789	30	30	Pass
NVNT	b	2462	Ant1	15.275	17.275	30	30	Pass
NVNT	g	2412	Ant1	14.204	16.204	30	30	Pass
NVNT	g	2437	Ant1	14.215	16.215	30	30	Pass
NVNT	g	2462	Ant1	12.488	14.488	30	30	Pass
NVNT	n(HT20)	2412	Ant1	12.24	14.24	30	30	Pass
NVNT	n(HT20)	2437	Ant1	12.413	14.413	30	30	Pass
NVNT	n(HT20)	2462	Ant1	11.235	13.235	30	30	Pass
NVNT	n(HT40)	2422	Ant1	14.031	16.031	30	30	Pass
NVNT	n(HT40)	2437	Ant1	12.637	14.637	30	30	Pass
NVNT	n(HT40)	2452	Ant1	12.863	14.863	30	30	Pass

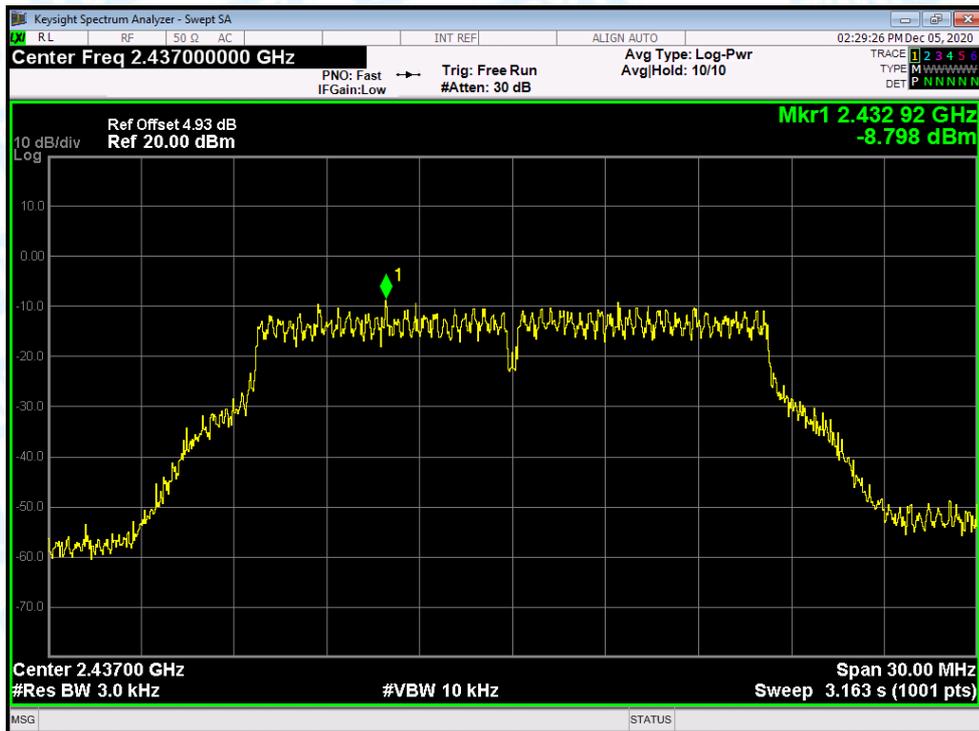
## Attachment F-- Power Spectral Density

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3KHz)	Limit (dBm/3KHz)	Verdict
NVNT	b	2412	Ant1	-3.701	8	Pass
NVNT	b	2437	Ant1	-1.769	8	Pass
NVNT	b	2462	Ant1	-4.704	8	Pass
NVNT	g	2412	Ant1	-8.513	8	Pass
NVNT	g	2437	Ant1	-8.798	8	Pass
NVNT	g	2462	Ant1	-10.339	8	Pass
NVNT	n(HT20)	2412	Ant1	-11.363	8	Pass
NVNT	n(HT20)	2437	Ant1	-10.036	8	Pass
NVNT	n(HT20)	2462	Ant1	-12.218	8	Pass
NVNT	n(HT40)	2422	Ant1	-19.922	8	Pass
NVNT	n(HT40)	2437	Ant1	-20.983	8	Pass
NVNT	n(HT40)	2452	Ant1	-21.333	8	Pass

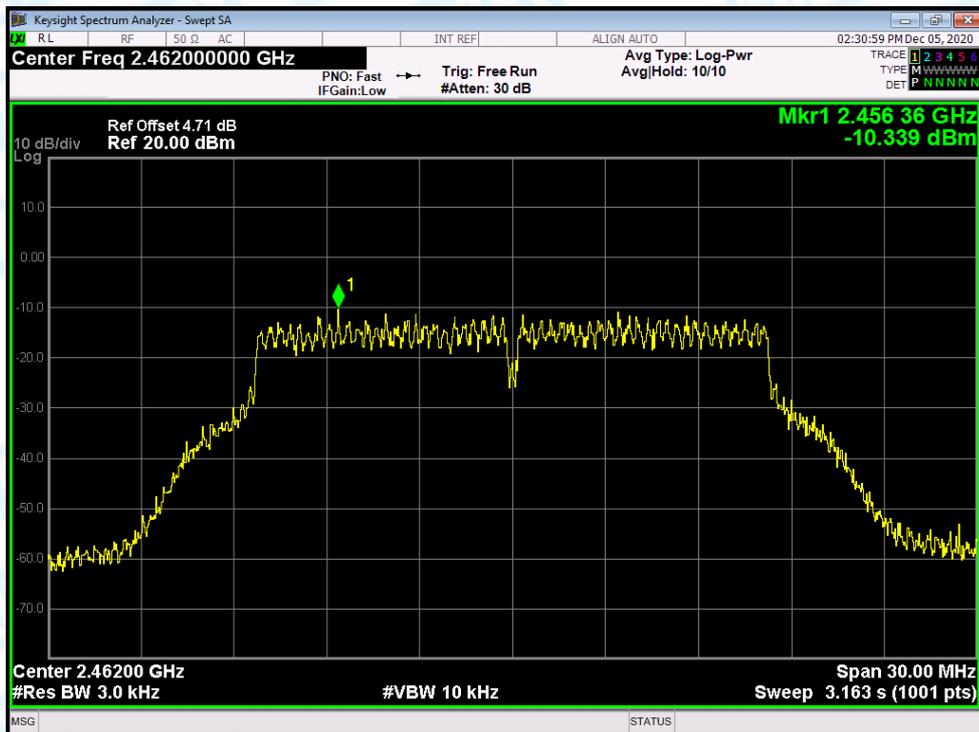




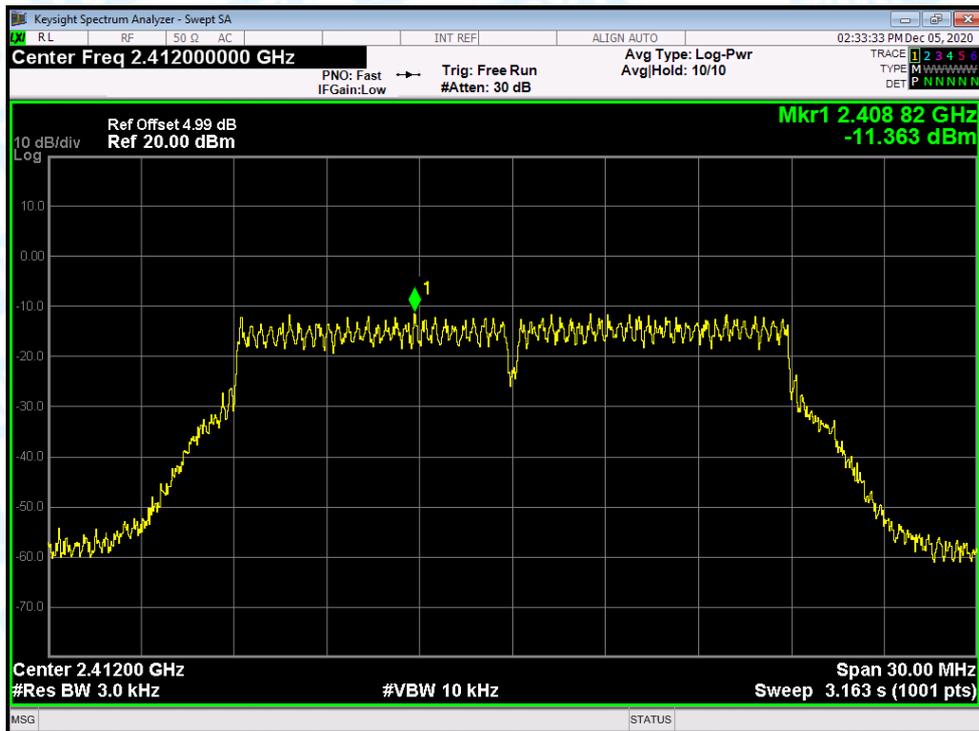
PSD NVNT g 2437MHz Ant1



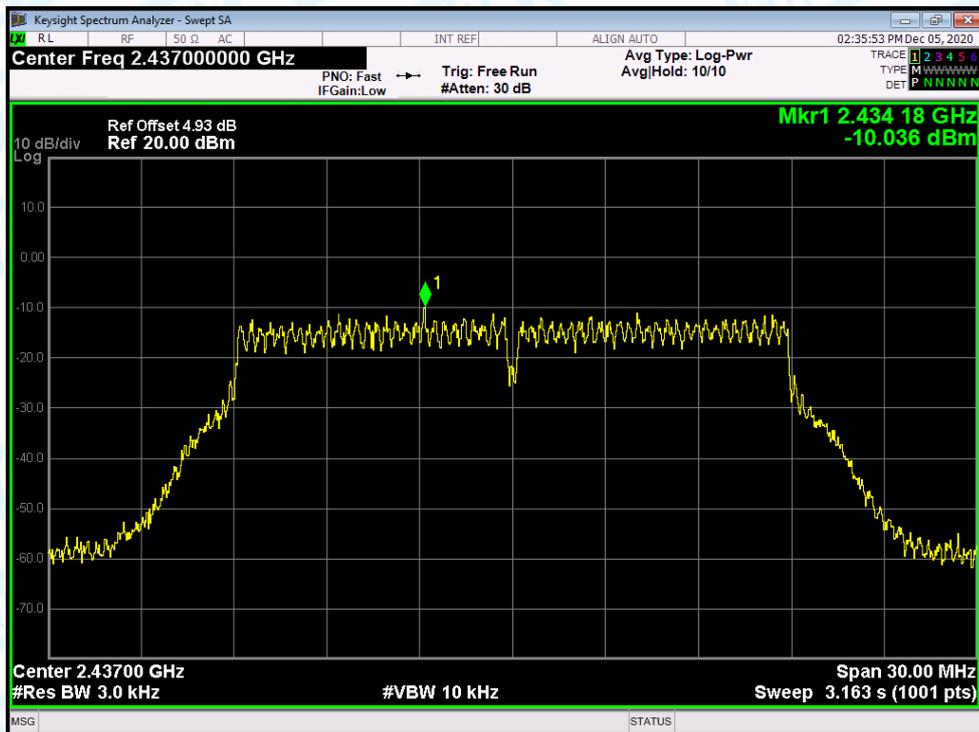
PSD NVNT g 2462MHz Ant1



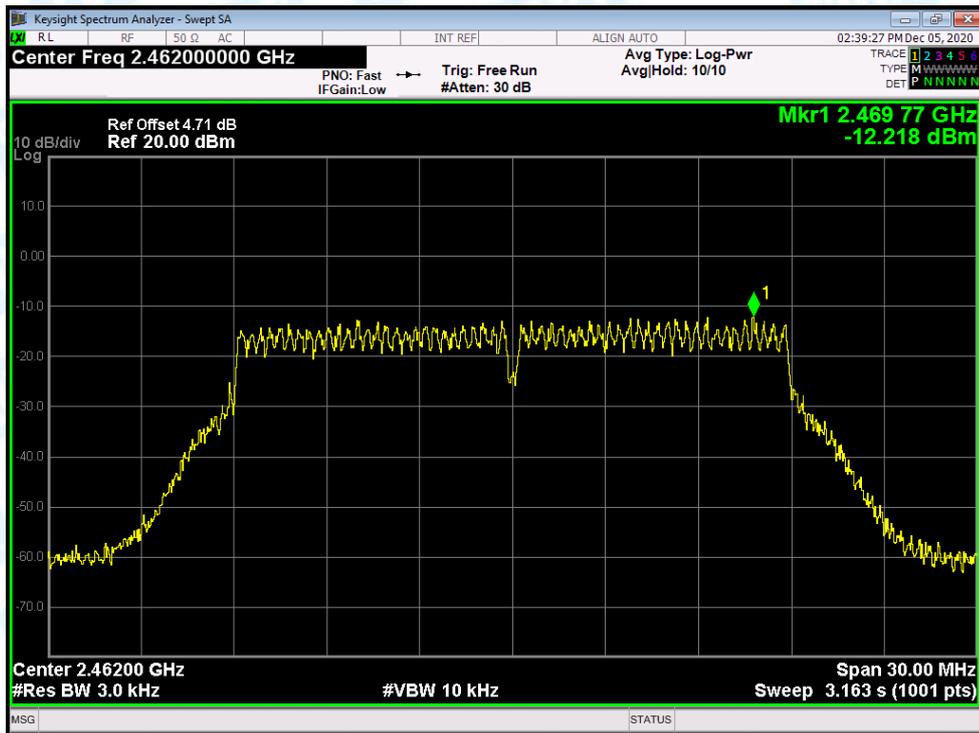
PSD NVNT n(HT20) 2412MHz Ant1



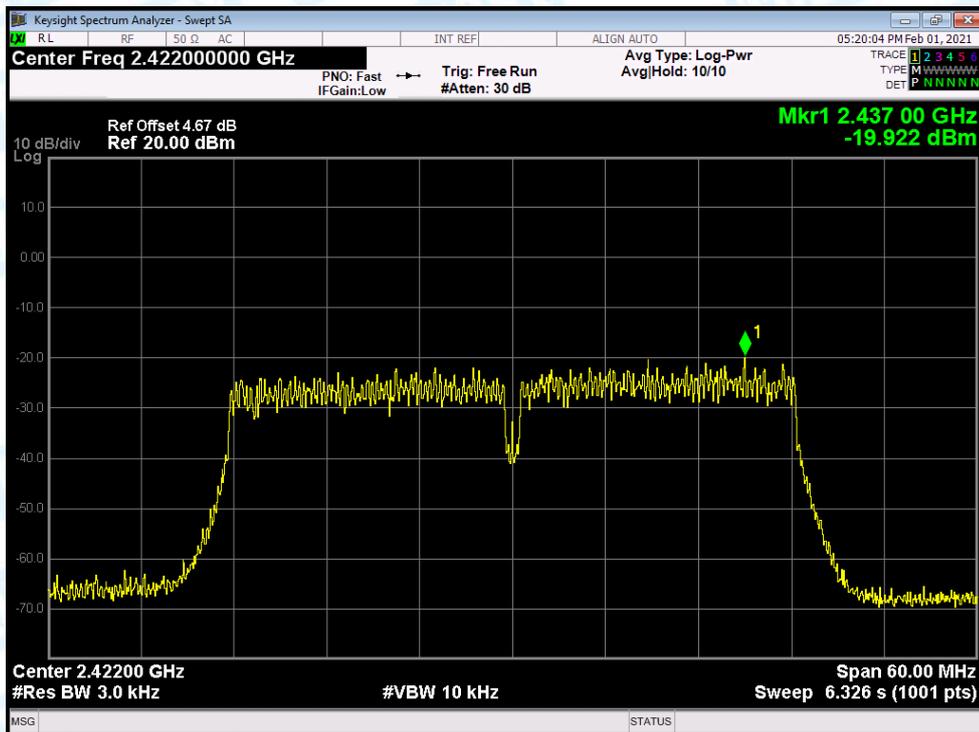
PSD NVNT n(HT20) 2437MHz Ant1



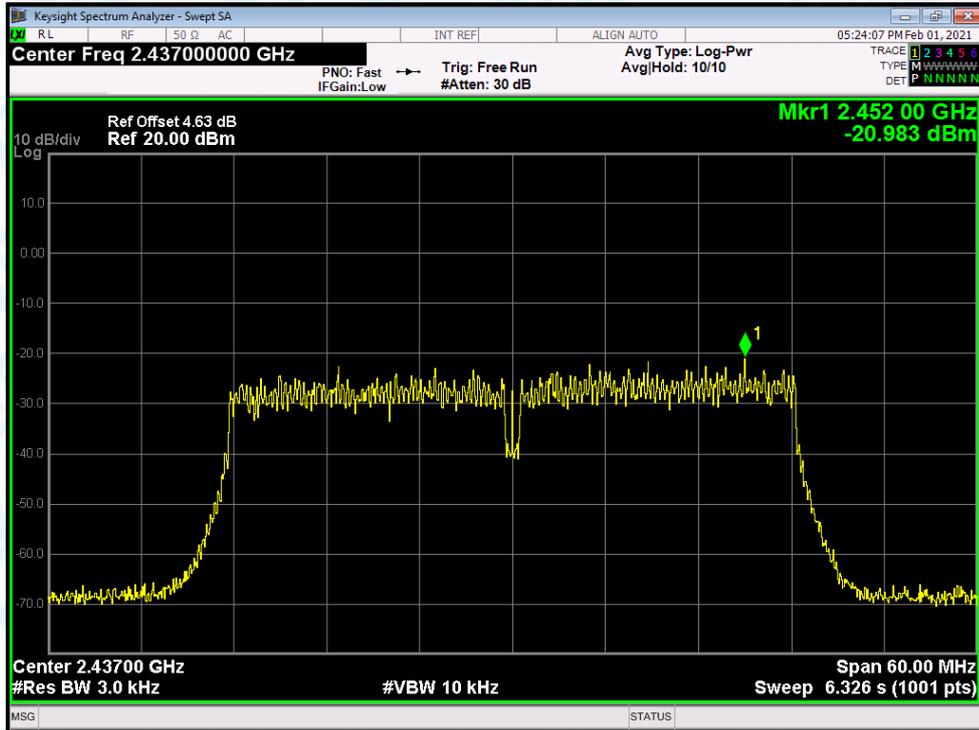
PSD NVNT n(HT20) 2462MHz Ant1



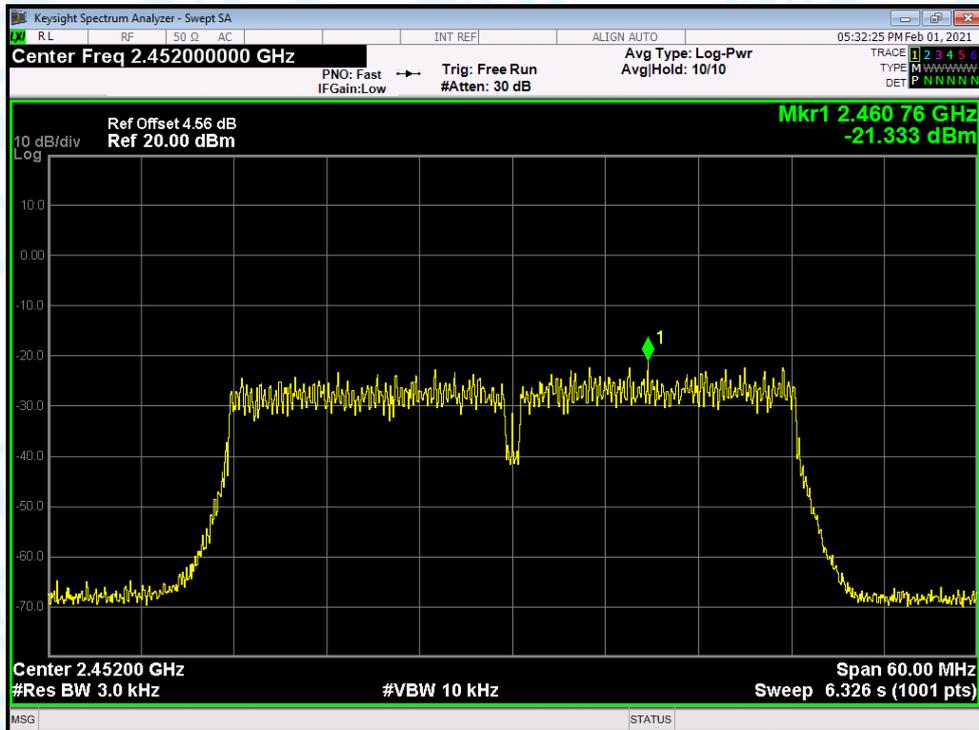
PSD NVNT n(HT40) 2422MHz Ant1



PSD NVNT n(HT40) 2437MHz Ant1



PSD NVNT n(HT40) 2452MHz Ant1



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