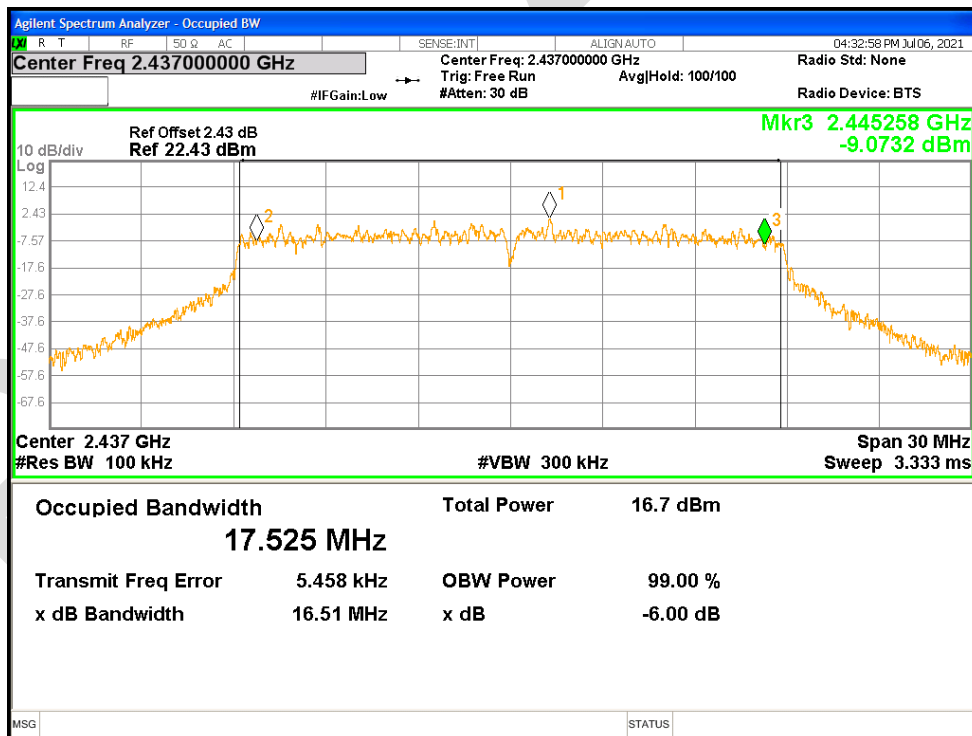
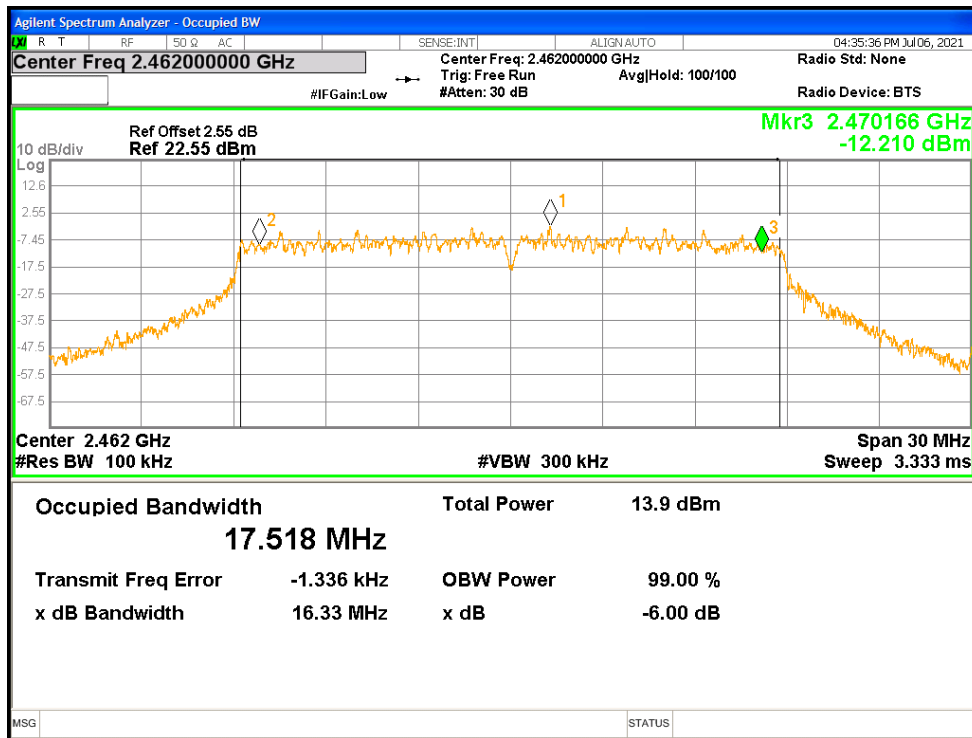


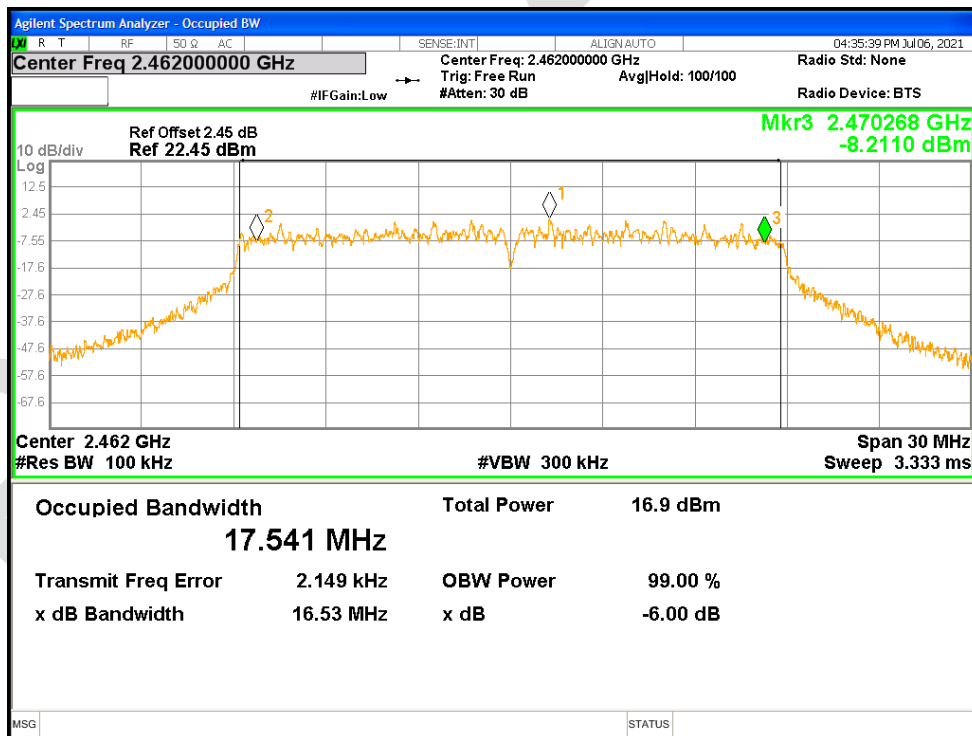
-6dB Bandwidth NVNT n20 2437MHz Ant2



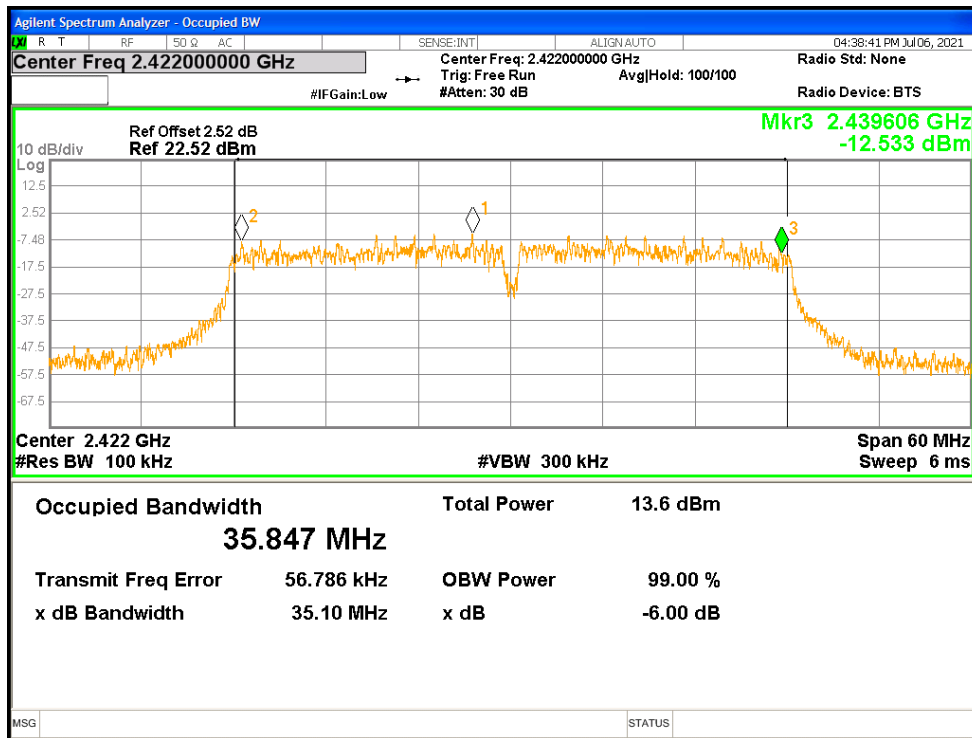
-6dB Bandwidth NVNT n20 2462MHz Ant1



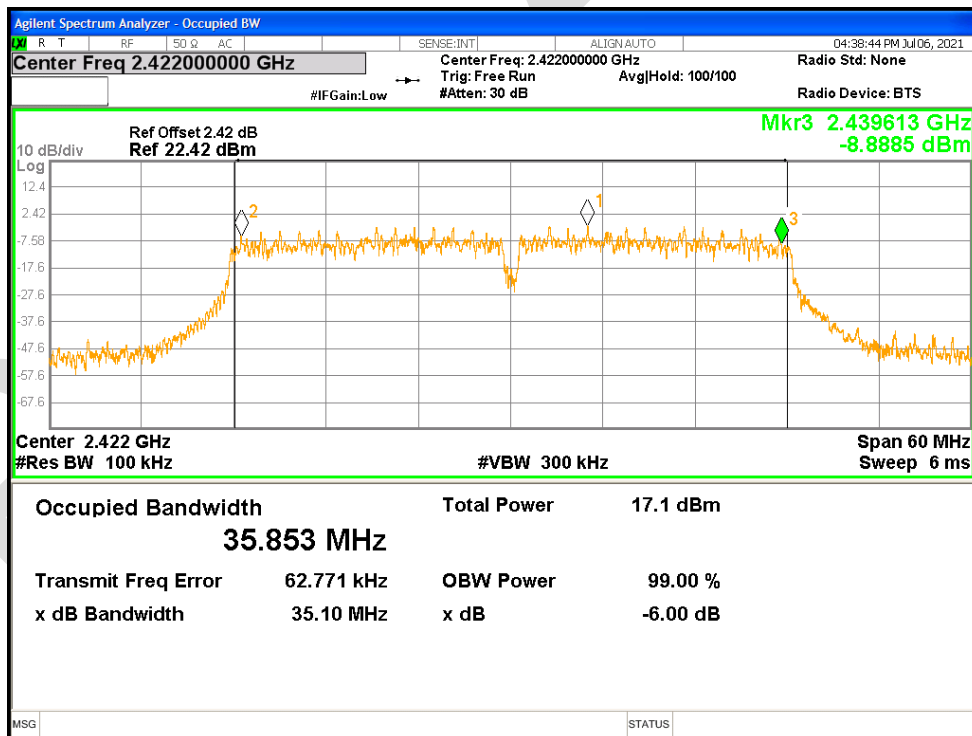
-6dB Bandwidth NVNT n20 2462MHz Ant2



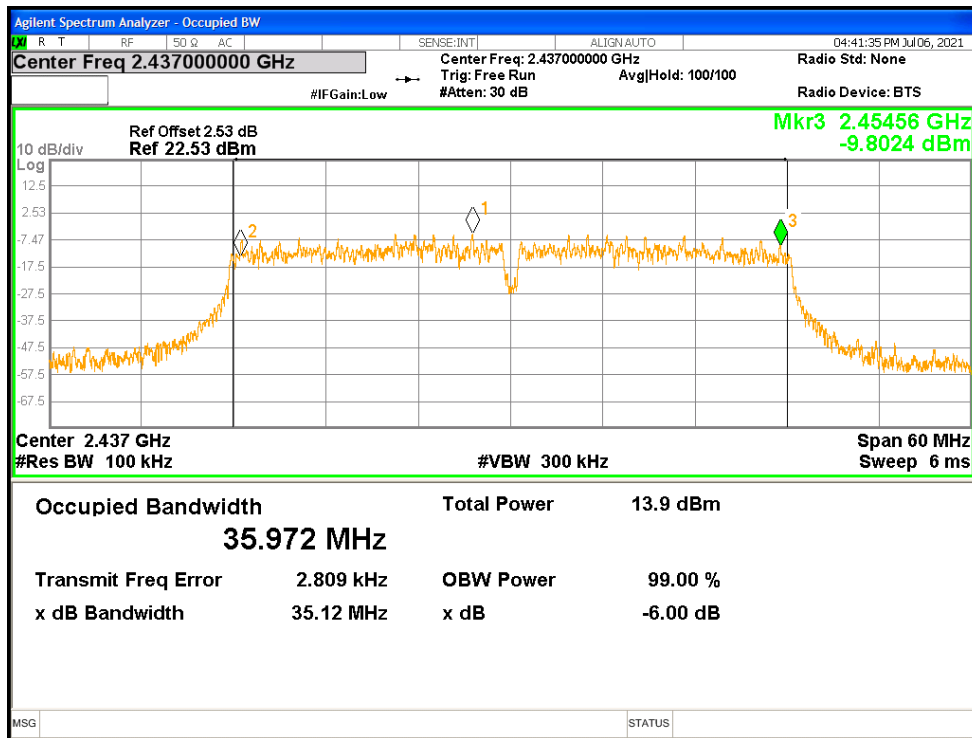
-6dB Bandwidth NVNT n40 2422MHz Ant1



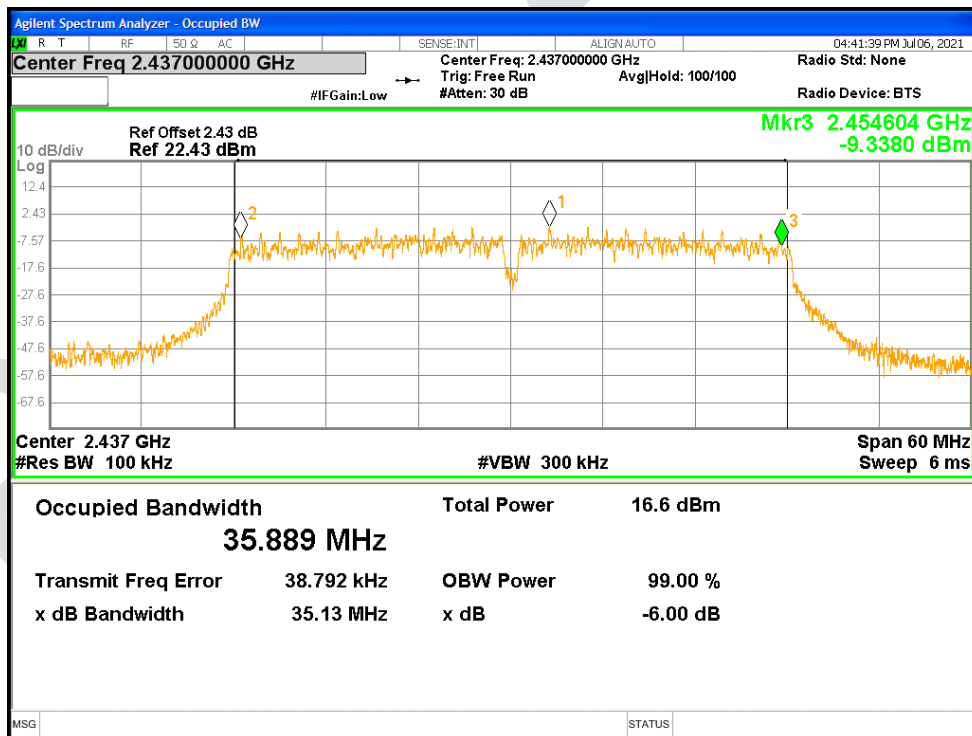
-6dB Bandwidth NVNT n40 2422MHz Ant2



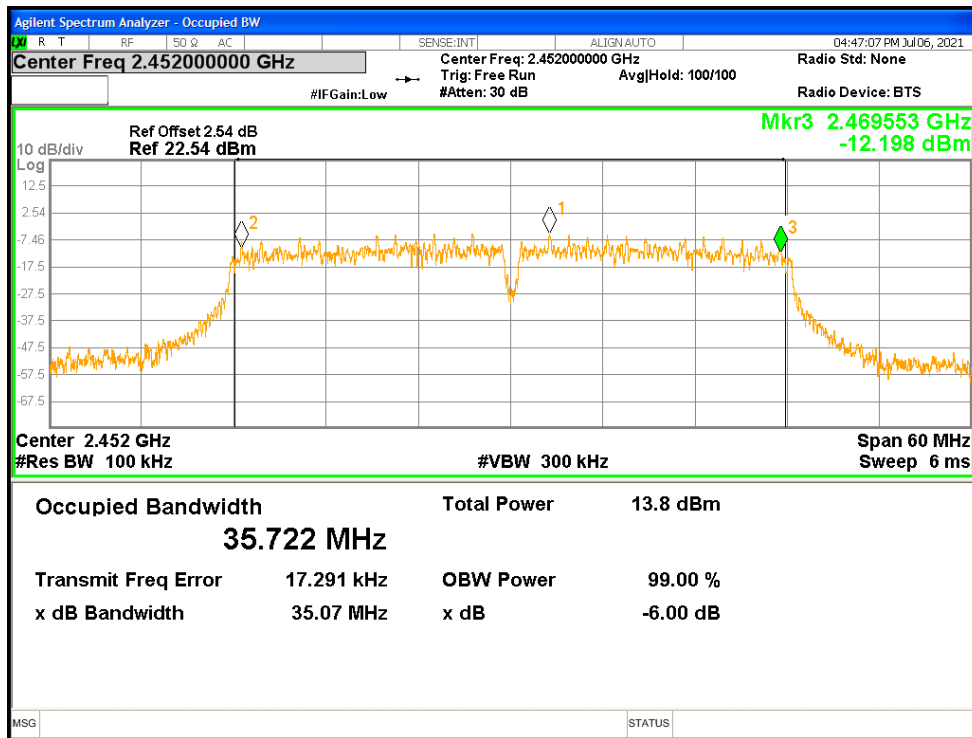
-6dB Bandwidth NVNT n40 2437MHz Ant1



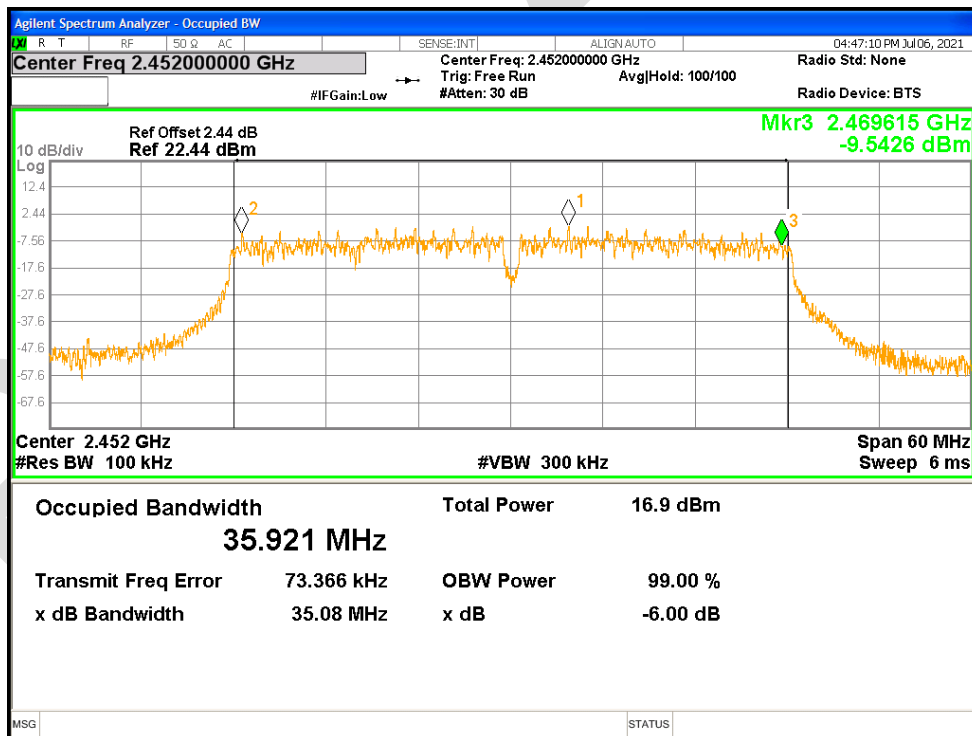
-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant1



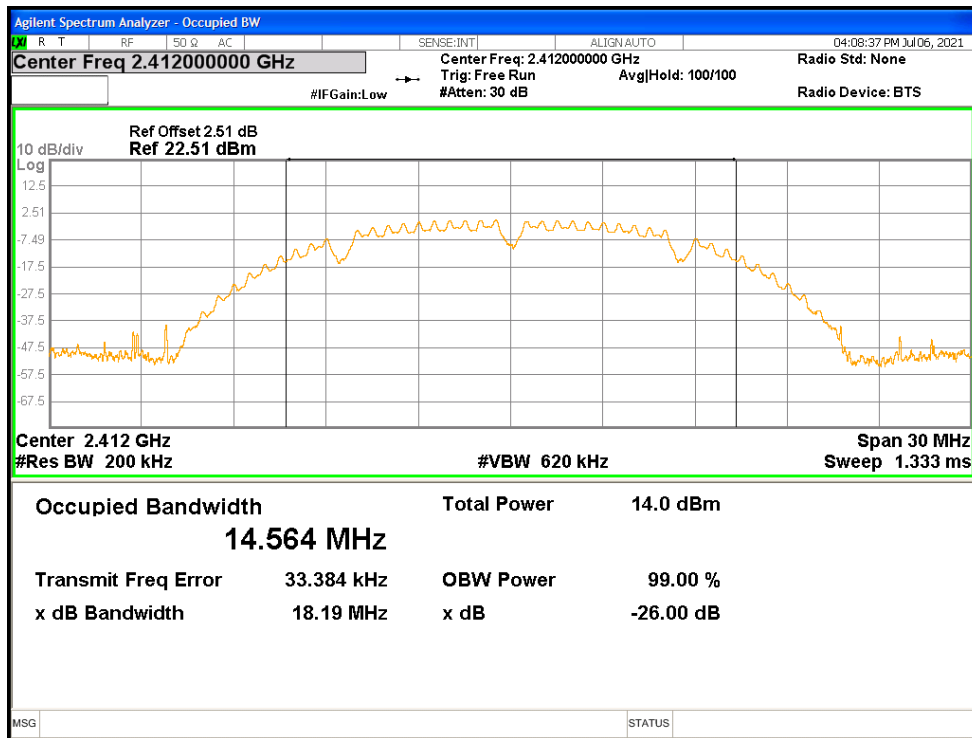
-6dB Bandwidth NVNT n40 2452MHz Ant2



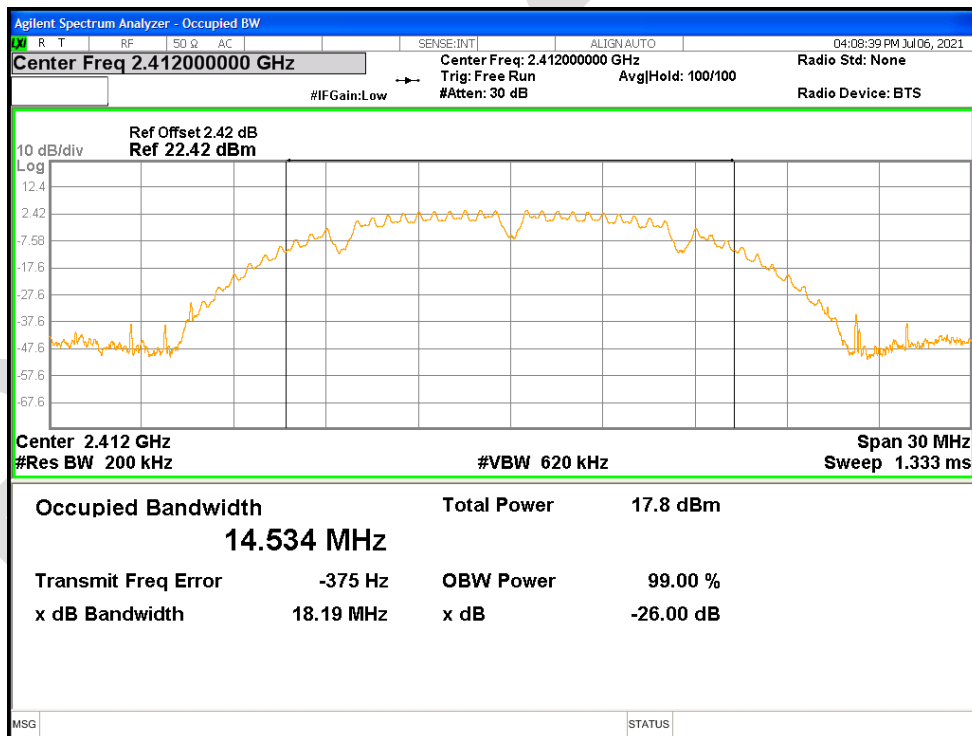
**20.3 OCCUPIED CHANNEL BANDWIDTH**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.56407391
NVNT	b	2412	Ant2	14.53375762
NVNT	b	2437	Ant1	14.55593711
NVNT	b	2437	Ant2	14.58214263
NVNT	b	2462	Ant1	14.55204142
NVNT	b	2462	Ant2	14.63013048
NVNT	g	2412	Ant1	16.41677244
NVNT	g	2412	Ant2	16.41615224
NVNT	g	2437	Ant1	16.38832983
NVNT	g	2437	Ant2	16.38840147
NVNT	g	2462	Ant1	16.39512634
NVNT	g	2462	Ant2	16.37931942
NVNT	n20	2412	Ant1	17.587456
NVNT	n20	2412	Ant2	17.55334479
NVNT	n20	2437	Ant1	17.58153386
NVNT	n20	2437	Ant2	17.57491321
NVNT	n20	2462	Ant1	17.56256294
NVNT	n20	2462	Ant2	17.5683491
NVNT	n40	2422	Ant1	36.00959932
NVNT	n40	2422	Ant2	36.0734452
NVNT	n40	2437	Ant1	35.99687528
NVNT	n40	2437	Ant2	36.04045014
NVNT	n40	2452	Ant1	35.97982161
NVNT	n40	2452	Ant2	36.05356729

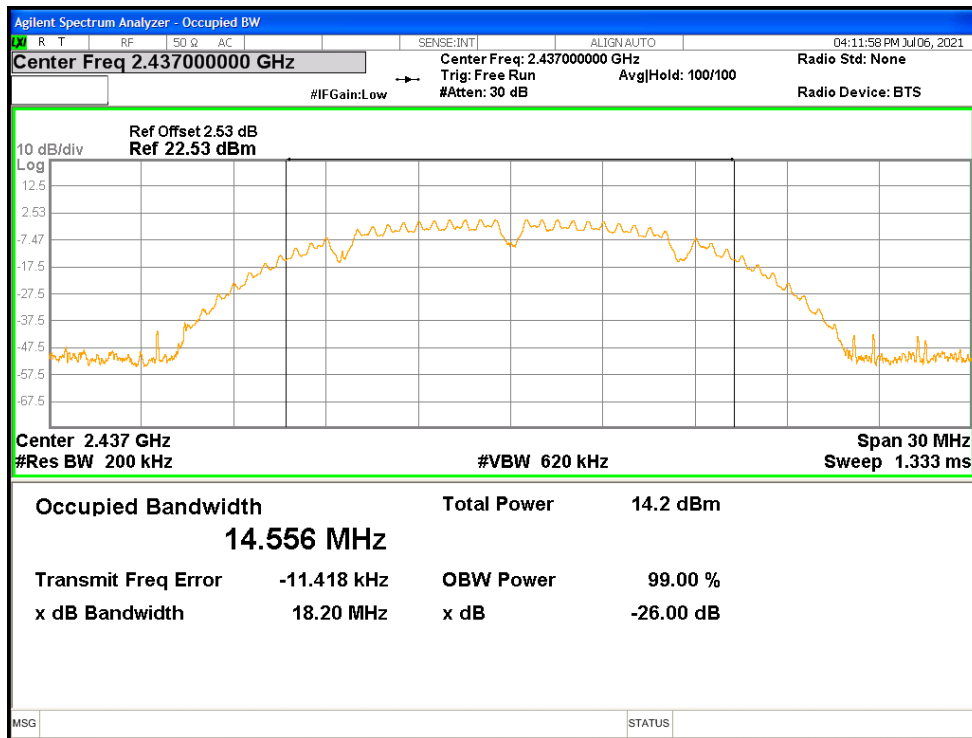
OBW NVNT b 2412MHz Ant1



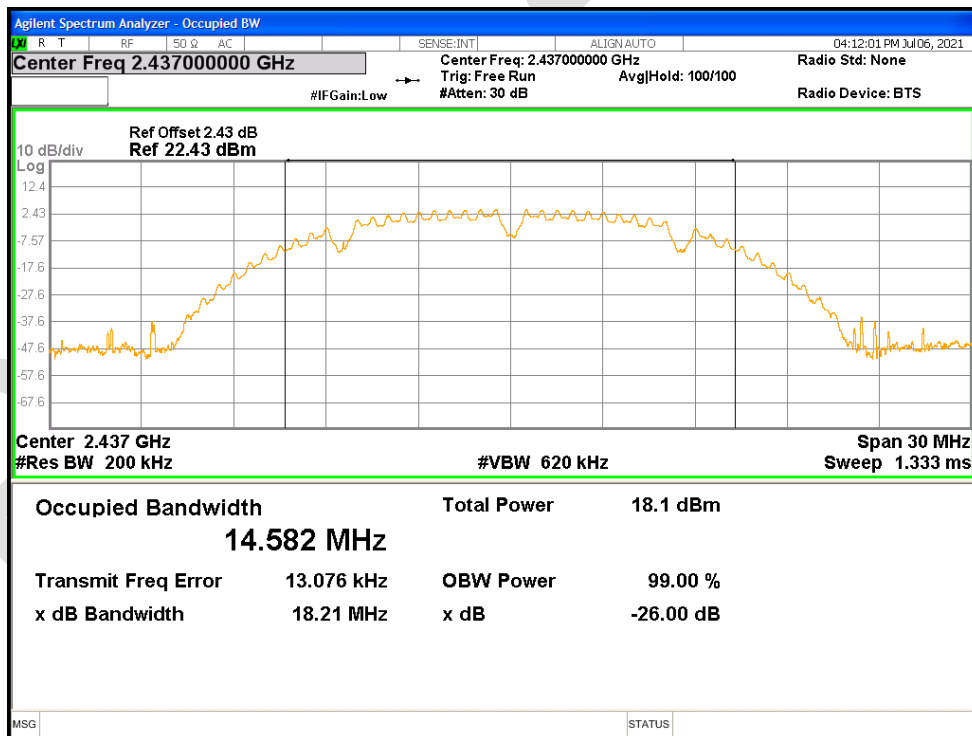
OBW NVNT b 2412MHz Ant2



OBW NVNT b 2437MHz Ant1

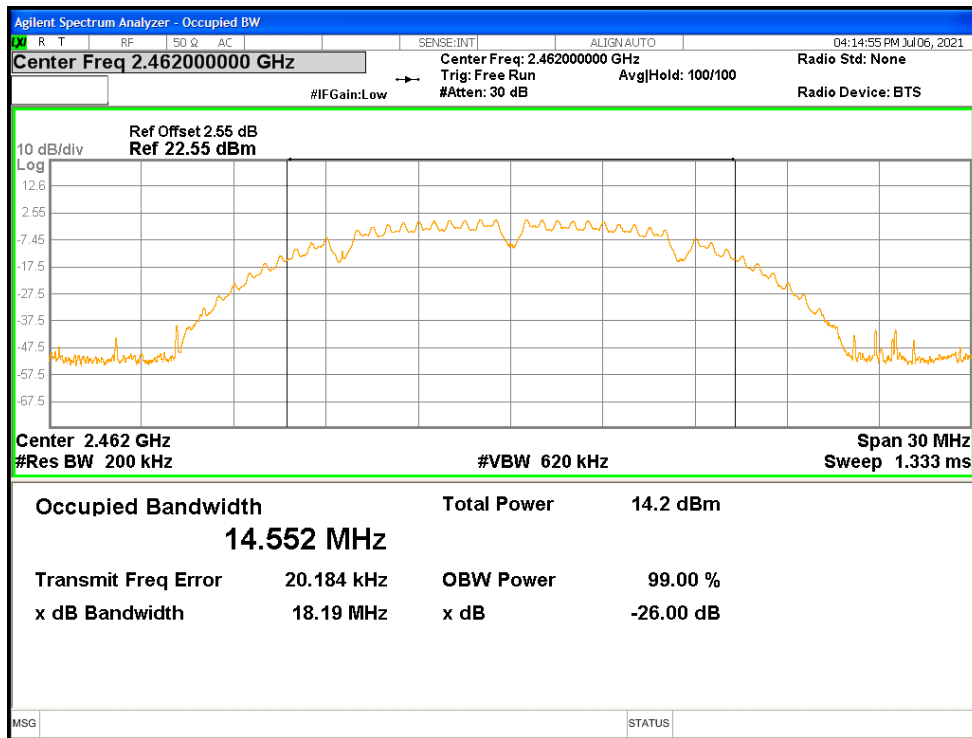


OBW NVNT b 2437MHz Ant2

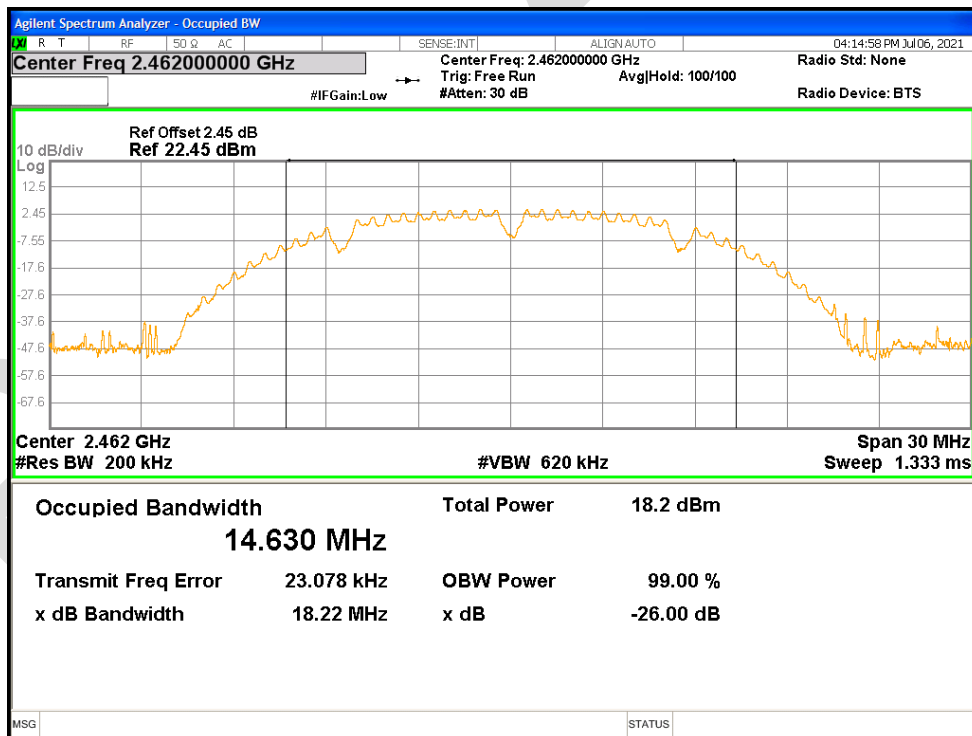


OBW NVNT b 2462MHz Ant1

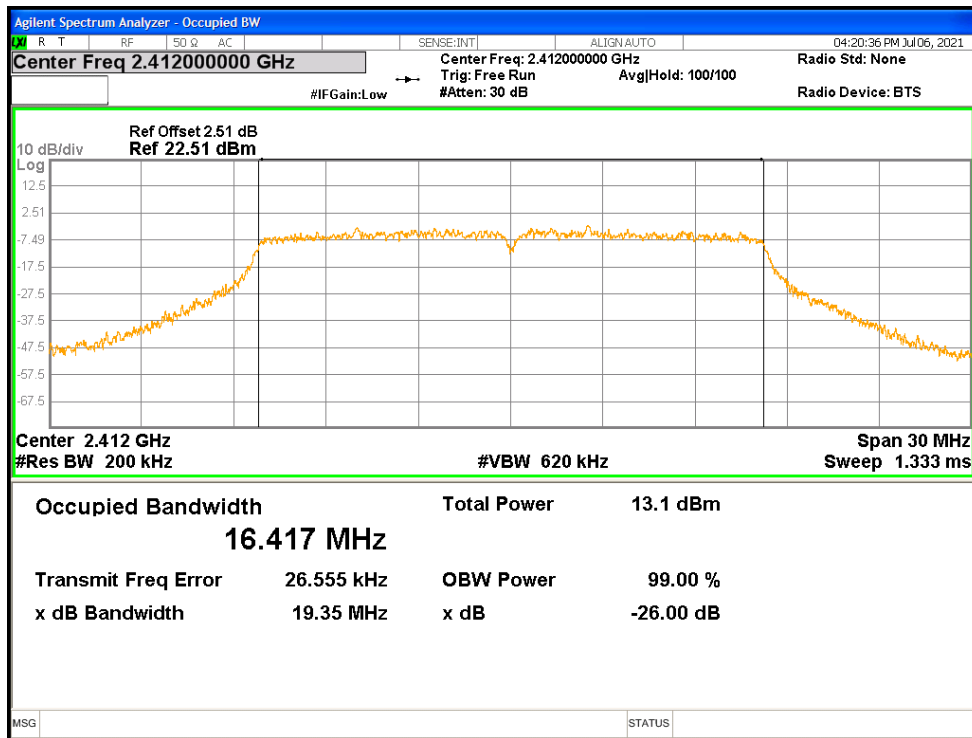




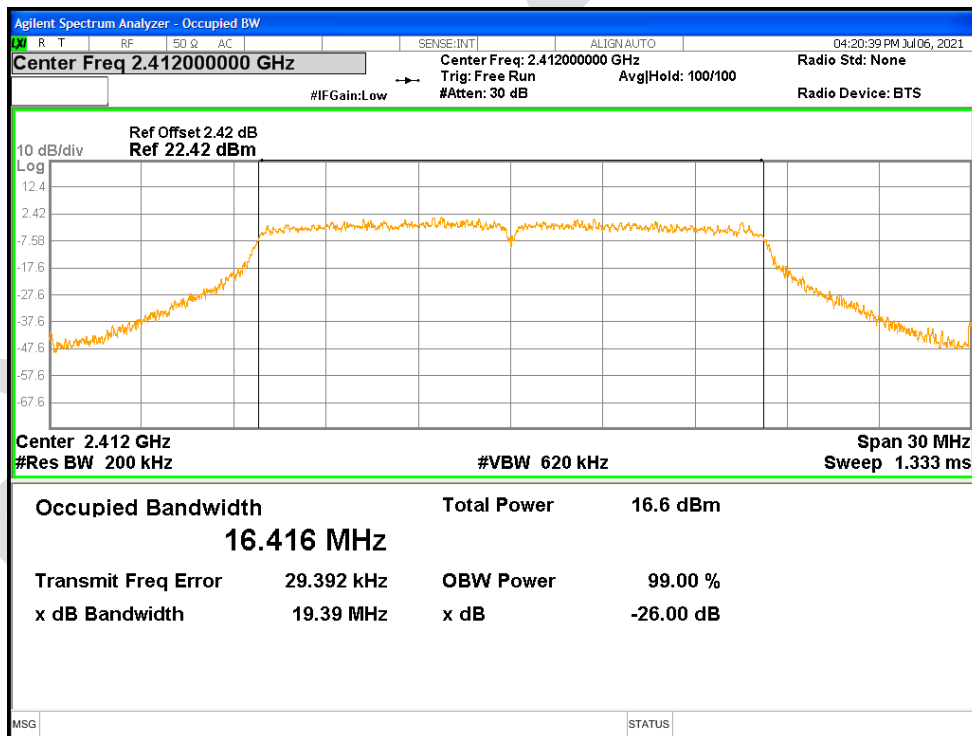
OBW NVNT b 2462MHz Ant2



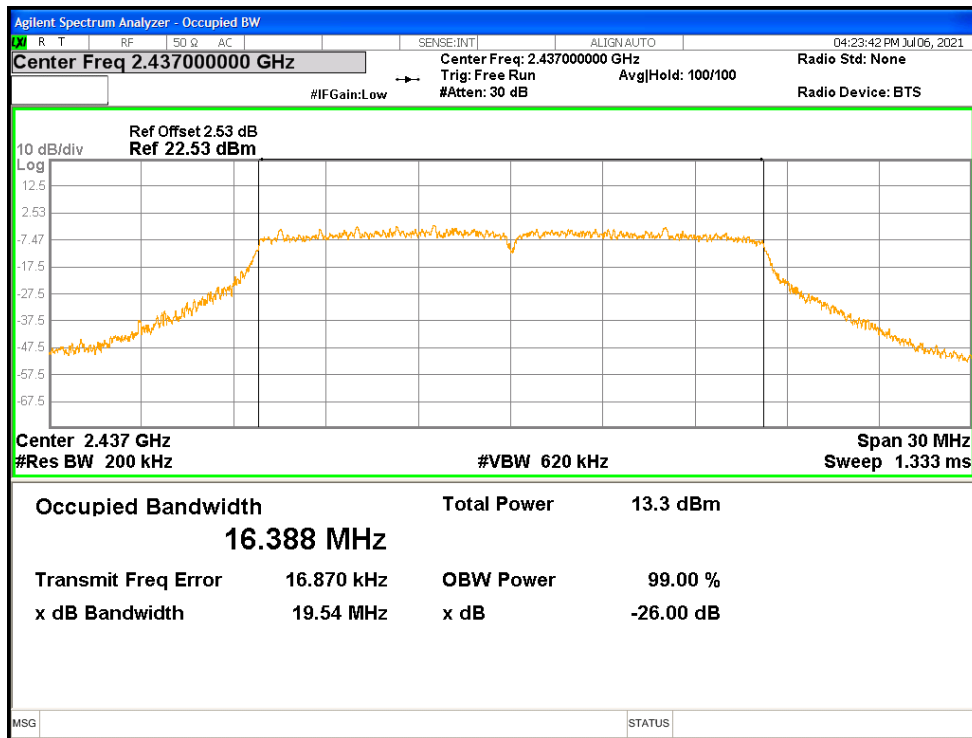
OBW NVNT g 2412MHz Ant1



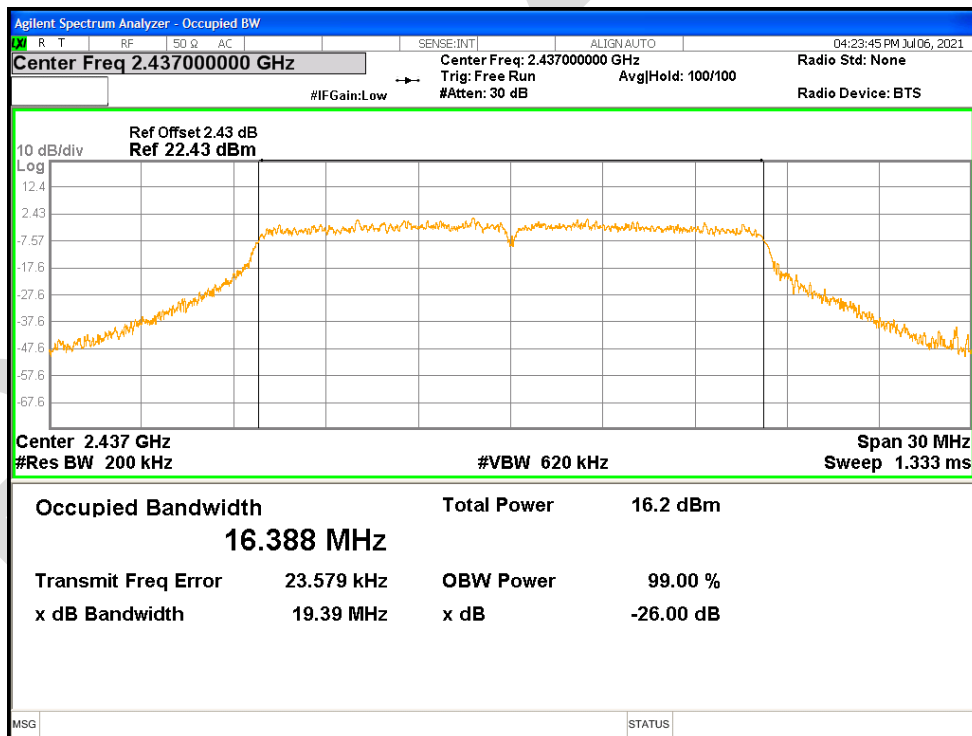
OBW NVNT g 2412MHz Ant2



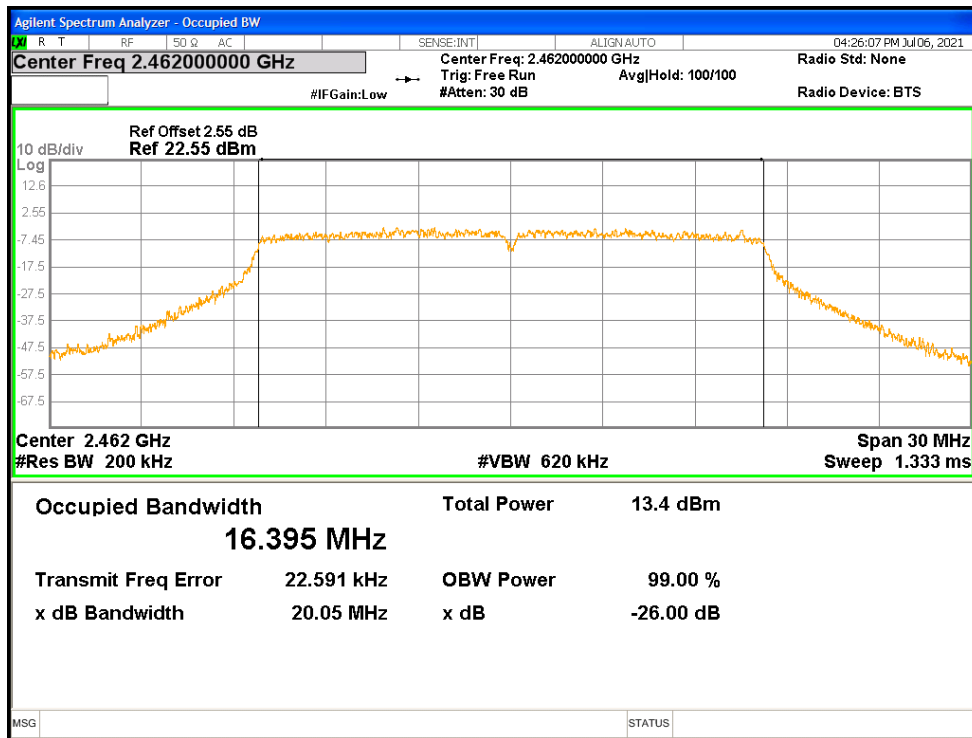
OBW NVNT g 2437MHz Ant1



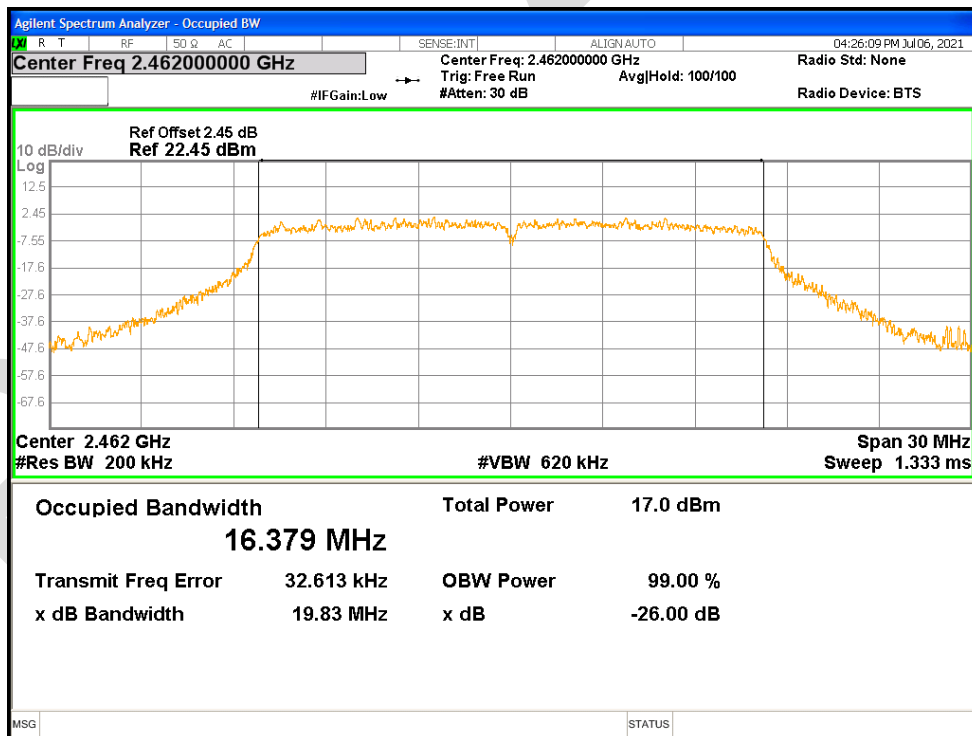
OBW NVNT g 2437MHz Ant2



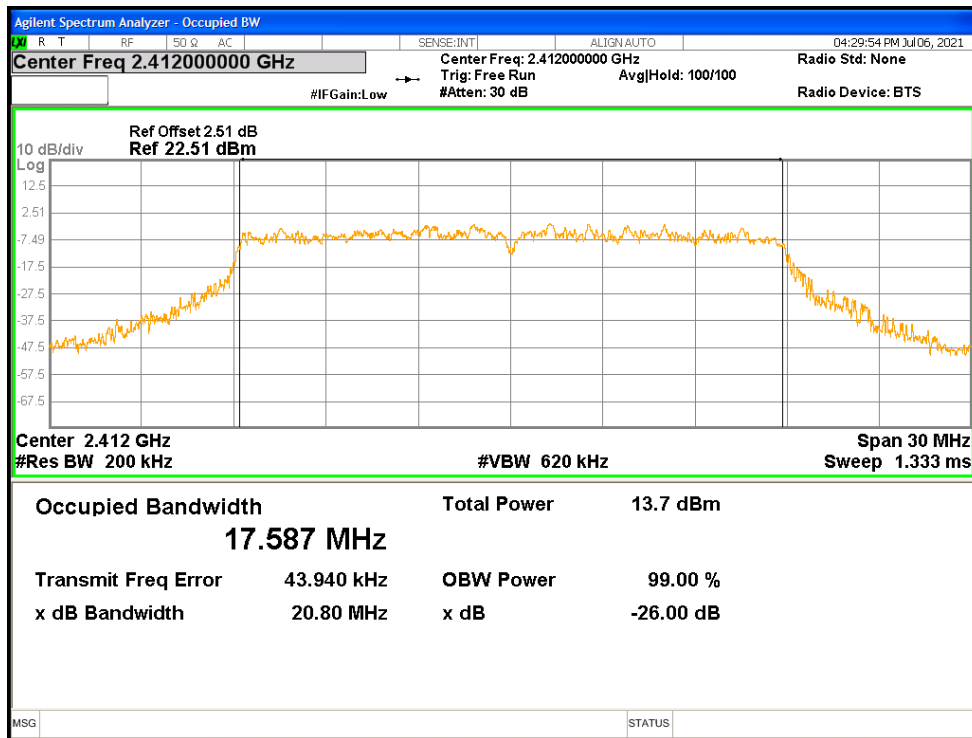
OBW NVNT g 2462MHz Ant1



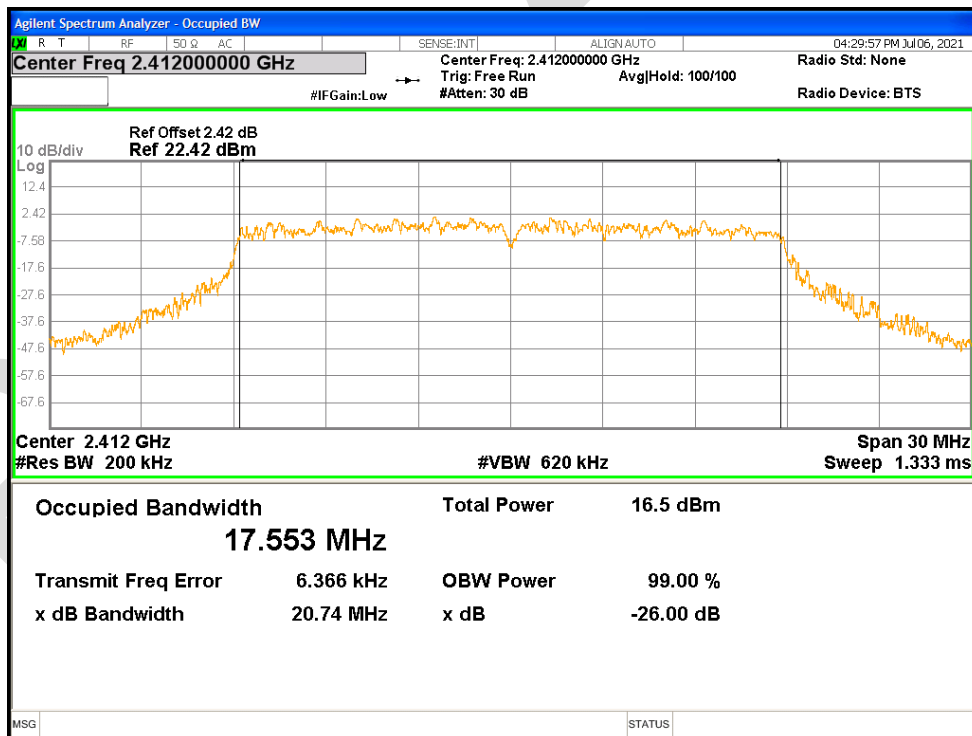
OBW NVNT g 2462MHz Ant2



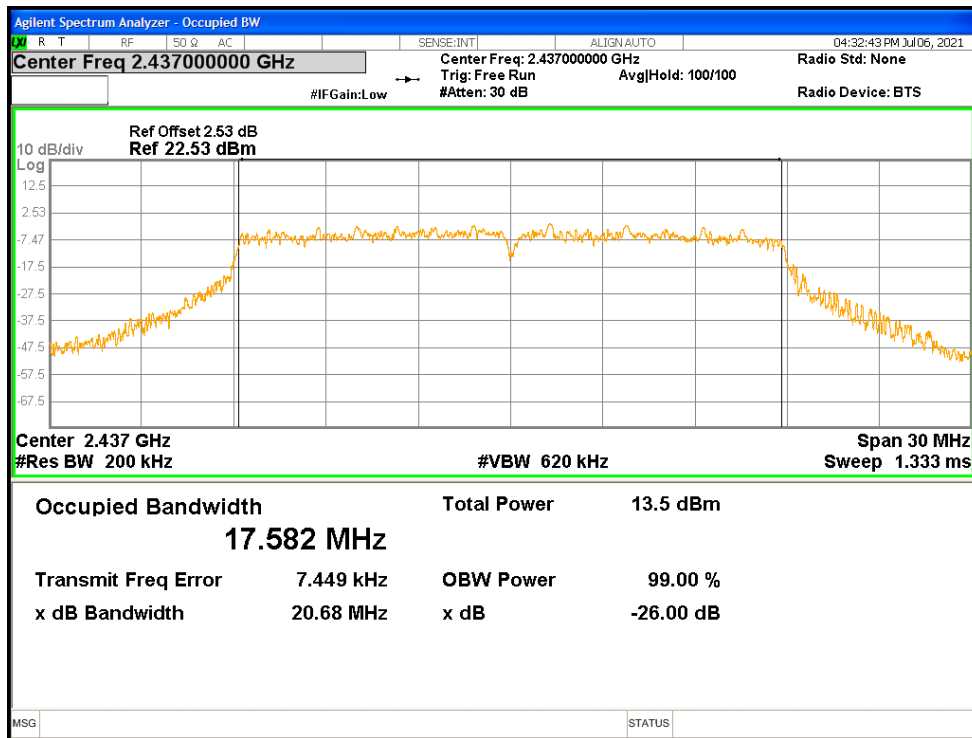
OBW NVNT n20 2412MHz Ant1



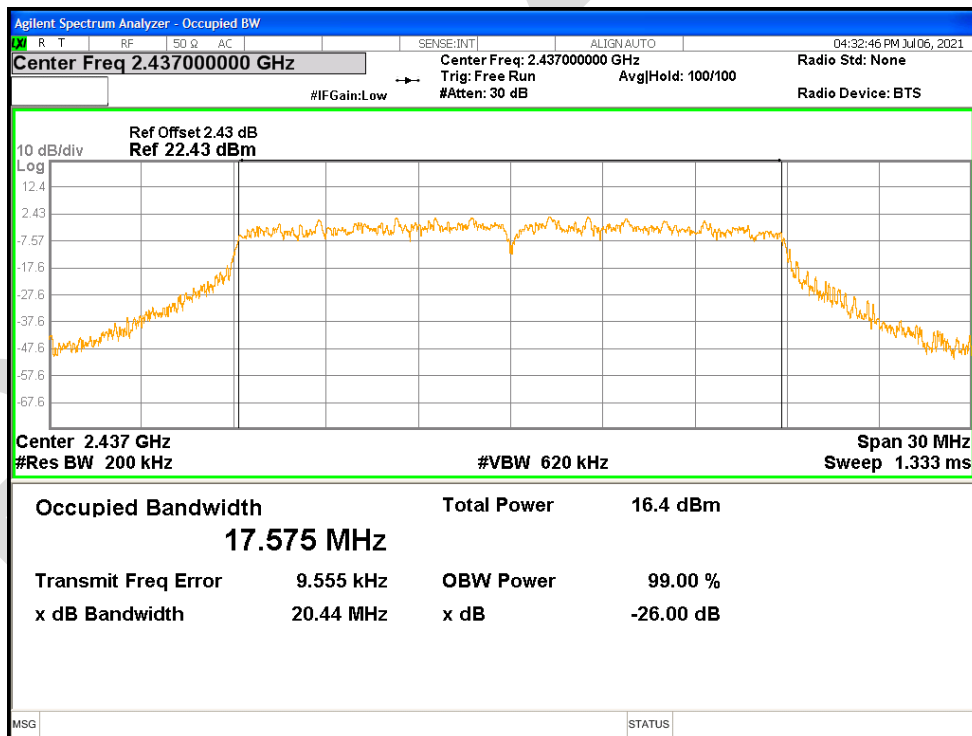
OBW NVNT n20 2412MHz Ant2



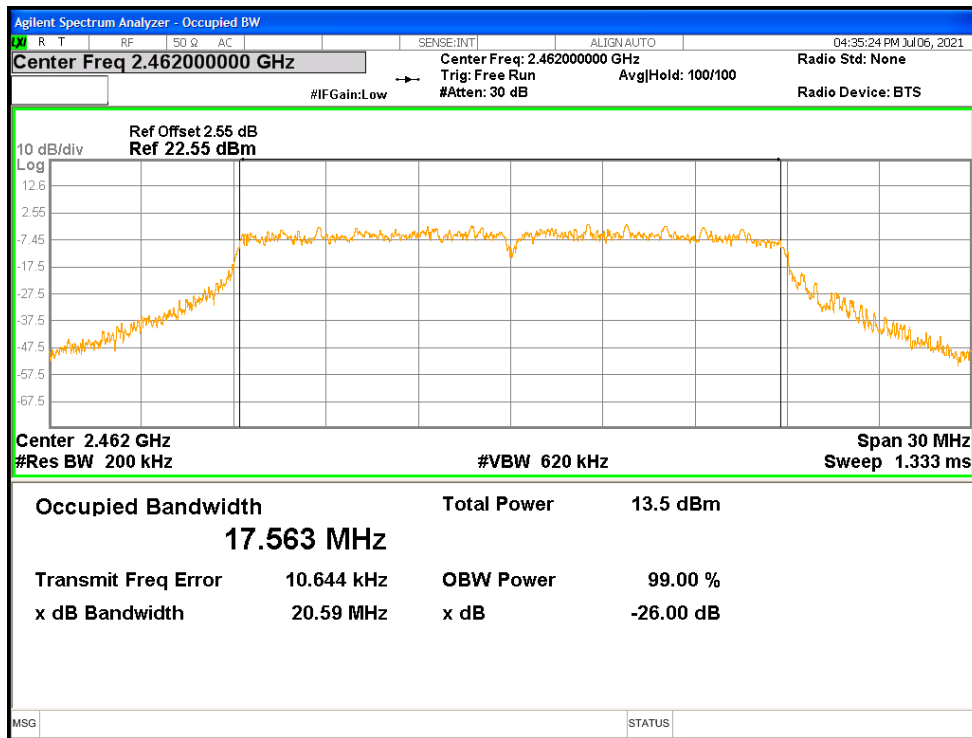
OBW NVNT n20 2437MHz Ant1



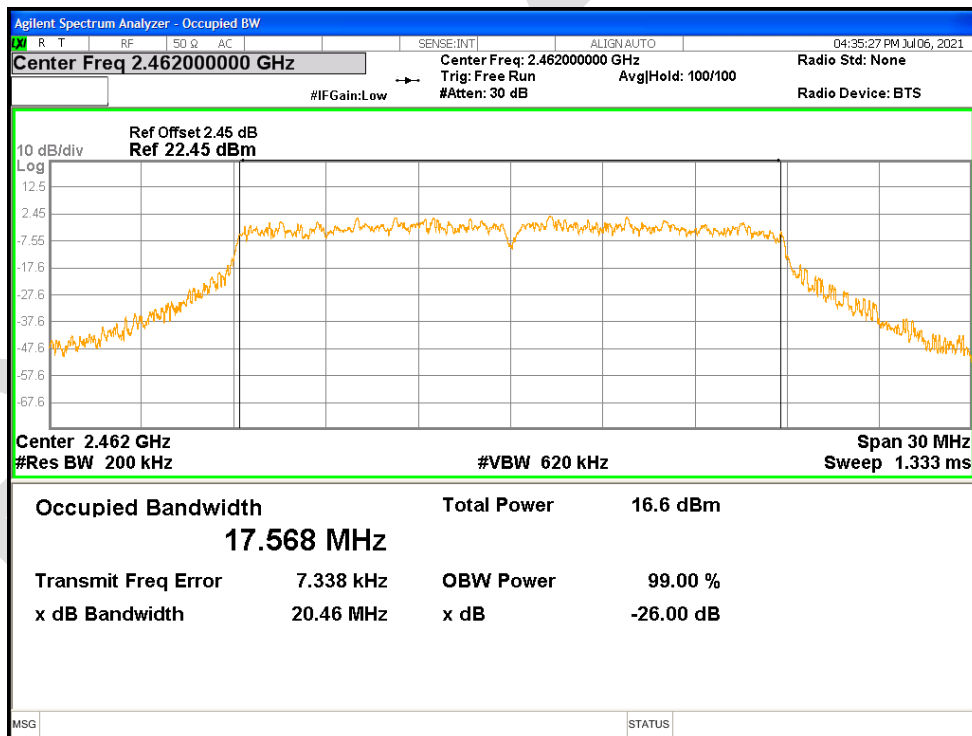
OBW NVNT n20 2437MHz Ant2



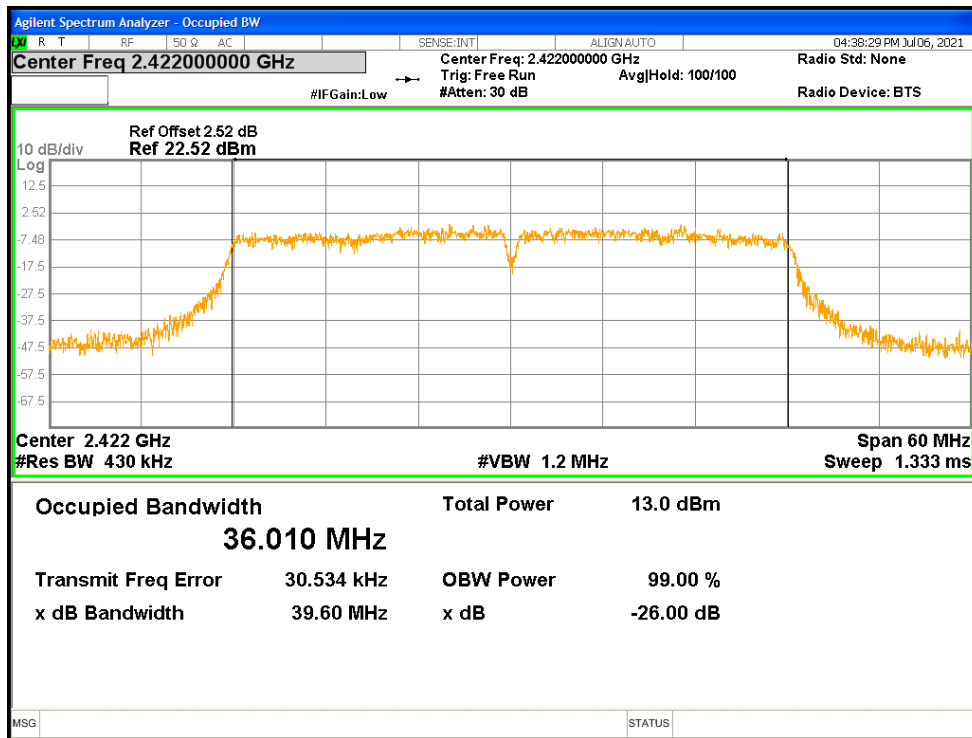
OBW NVNT n20 2462MHz Ant1



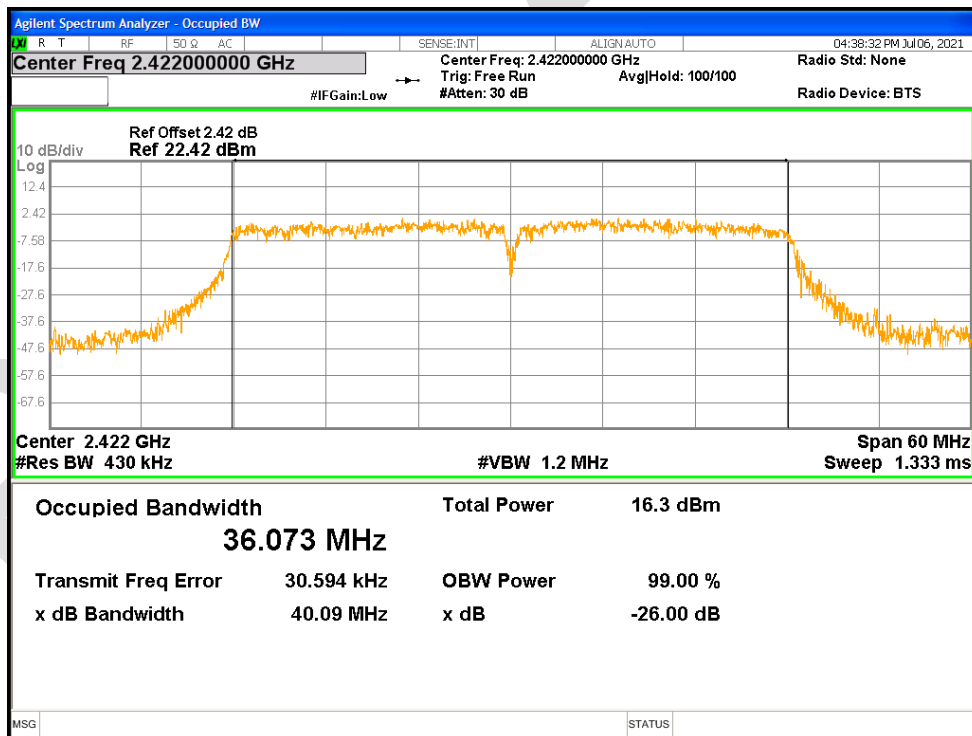
OBW NVNT n20 2462MHz Ant2



OBW NVNT n40 2422MHz Ant1

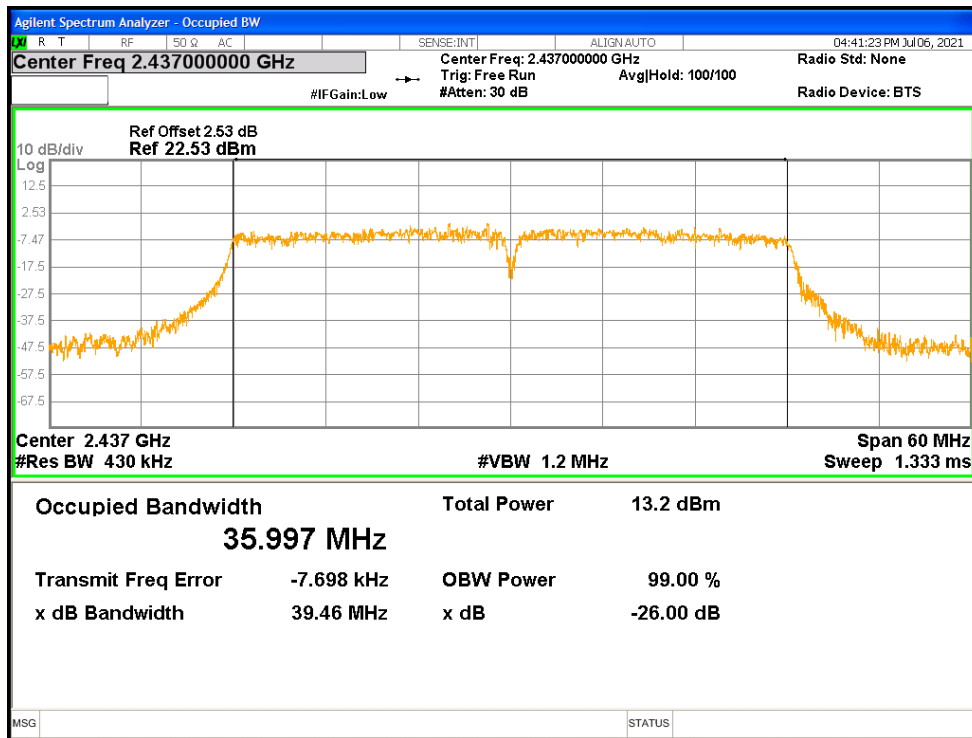


OBW NVNT n40 2422MHz Ant2

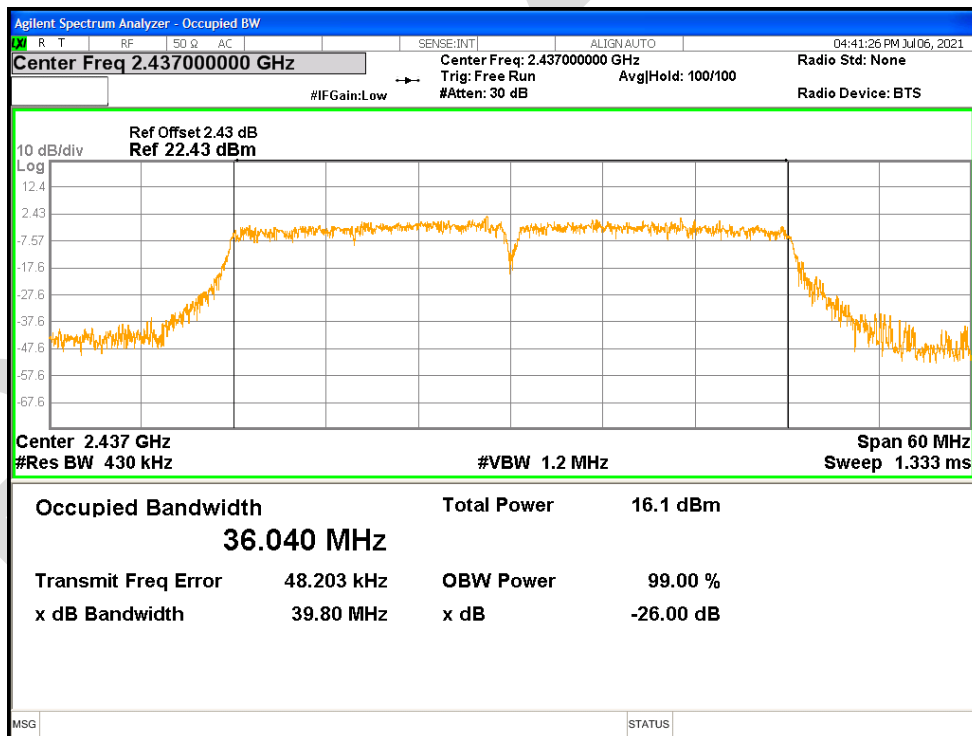


OBW NVNT n40 2437MHz Ant1

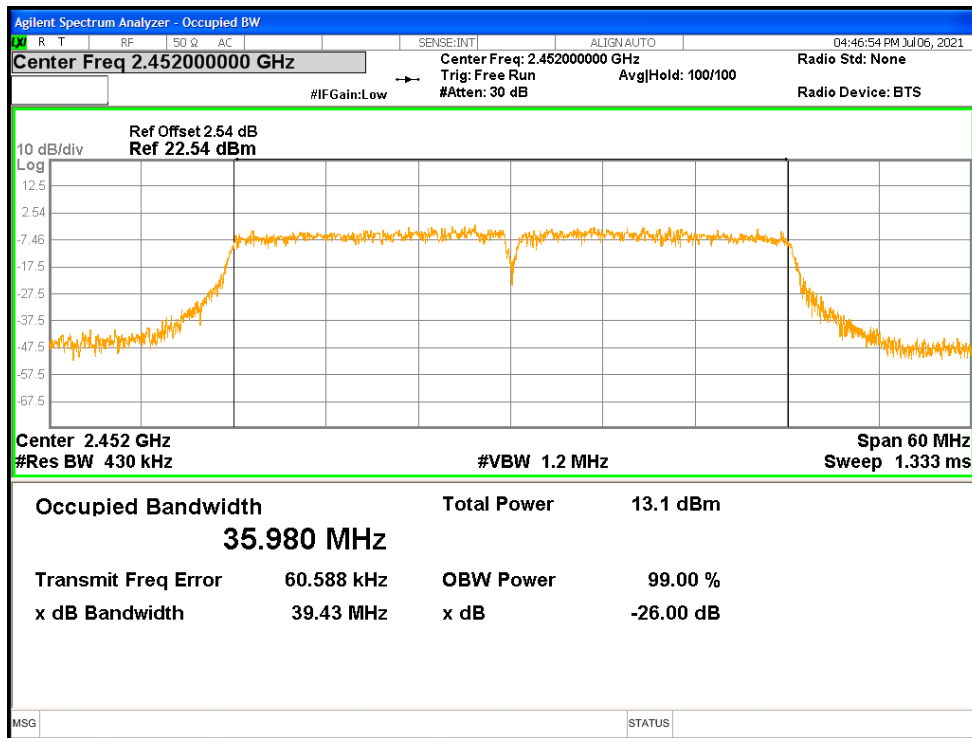




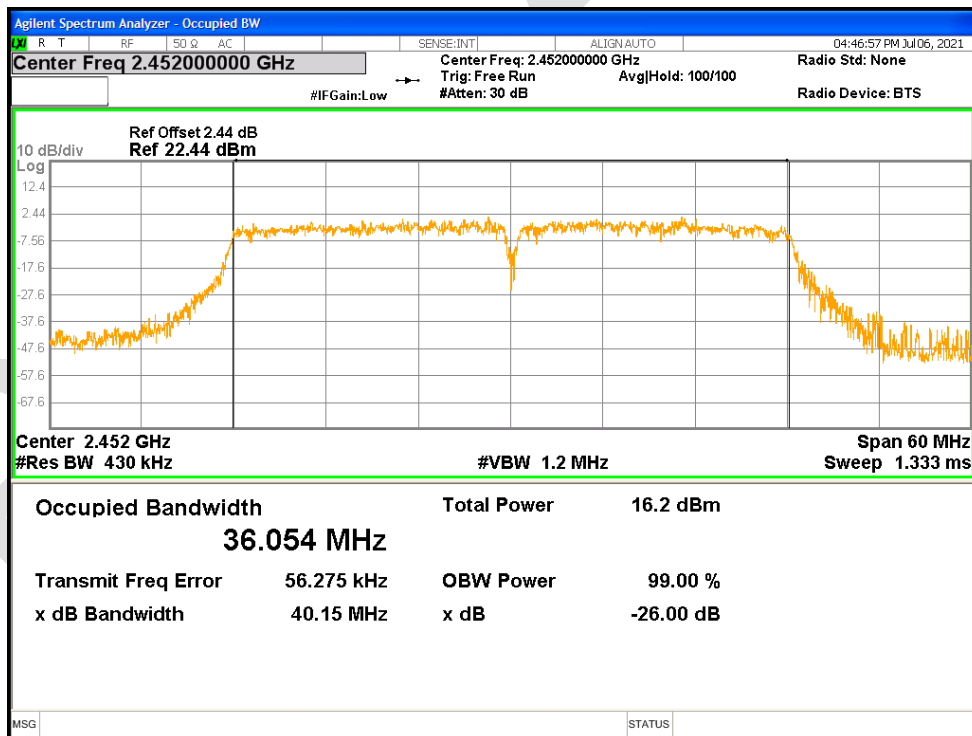
OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant1



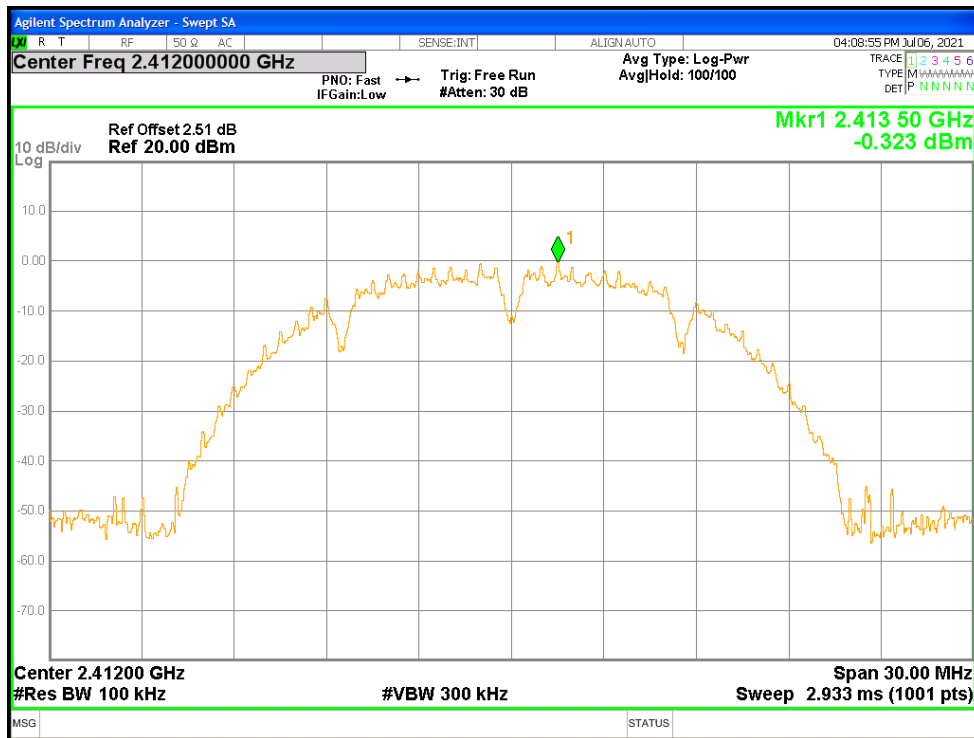
OBW NVNT n40 2452MHz Ant2



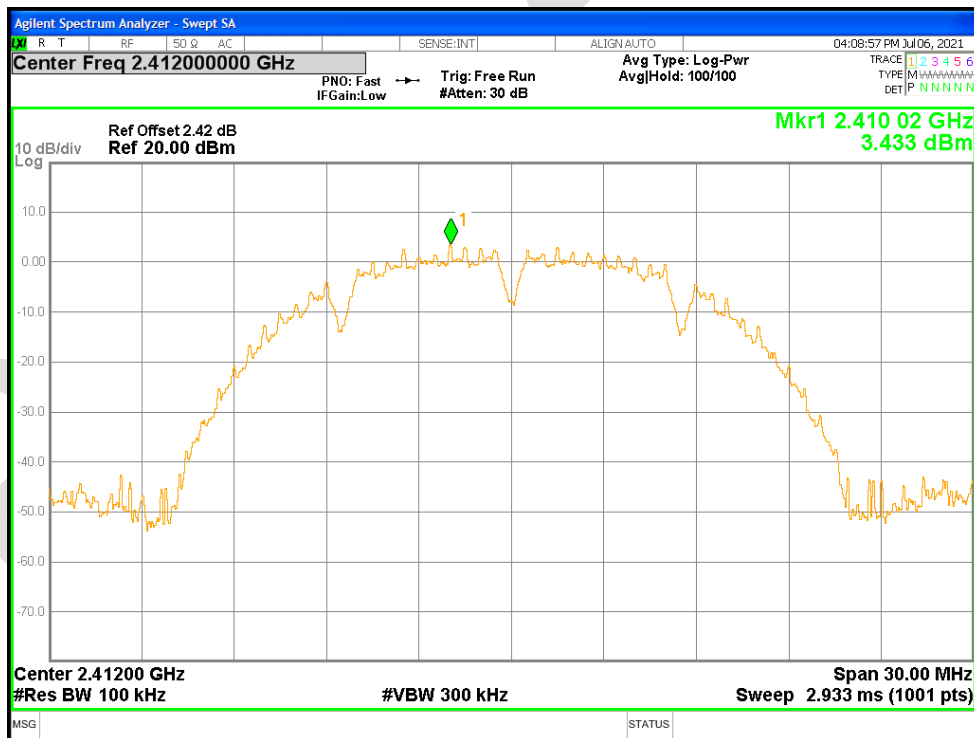
**20.4 MAXIMUM POWER SPECTRAL DENSITY LEVEL**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-0.323	8	Pass
NVNT	b	2412	Ant2	3.433	8	Pass
NVNT	b	2412	Sum	4.959	8	Pass
NVNT	b	2437	Ant1	-0.349	8	Pass
NVNT	b	2437	Ant2	3.489	8	Pass
NVNT	b	2437	Sum	4.991	8	Pass
NVNT	b	2462	Ant1	-0.636	8	Pass
NVNT	b	2462	Ant2	3.676	8	Pass
NVNT	b	2462	Sum	5.045	8	Pass
NVNT	g	2412	Ant1	-3.301	8	Pass
NVNT	g	2412	Ant2	-0.084	8	Pass
NVNT	g	2412	Sum	1.609	8	Pass
NVNT	g	2437	Ant1	-2.974	8	Pass
NVNT	g	2437	Ant2	-0.315	8	Pass
NVNT	g	2437	Sum	1.566	8	Pass
NVNT	g	2462	Ant1	-2.974	8	Pass
NVNT	g	2462	Ant2	0.355	8	Pass
NVNT	g	2462	Sum	2.012	8	Pass
NVNT	n20	2412	Ant1	-2.154	8	Pass
NVNT	n20	2412	Ant2	0.742	8	Pass
NVNT	n20	2412	Sum	2.541	8	Pass
NVNT	n20	2437	Ant1	-2.787	8	Pass
NVNT	n20	2437	Ant2	0.514	8	Pass
NVNT	n20	2437	Sum	2.18	8	Pass
NVNT	n20	2462	Ant1	-2.201	8	Pass
NVNT	n20	2462	Ant2	0.599	8	Pass
NVNT	n20	2462	Sum	2.431	8	Pass
NVNT	n40	2422	Ant1	-4.966	8	Pass
NVNT	n40	2422	Ant2	-2.145	8	Pass
NVNT	n40	2422	Sum	-0.32	8	Pass
NVNT	n40	2437	Ant1	-4.99	8	Pass
NVNT	n40	2437	Ant2	-2.414	8	Pass
NVNT	n40	2437	Sum	-0.503	8	Pass
NVNT	n40	2452	Ant1	-5.106	8	Pass
NVNT	n40	2452	Ant2	-2.102	8	Pass
NVNT	n40	2452	Sum	-0.339	8	Pass

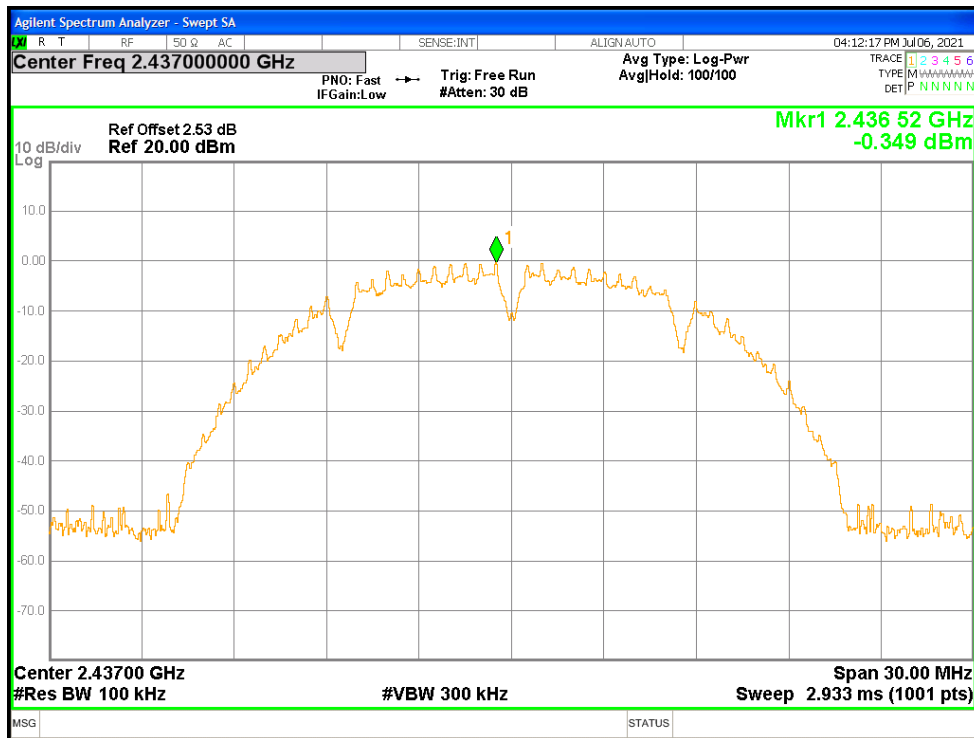
PSD NVNT b 2412MHz Ant1



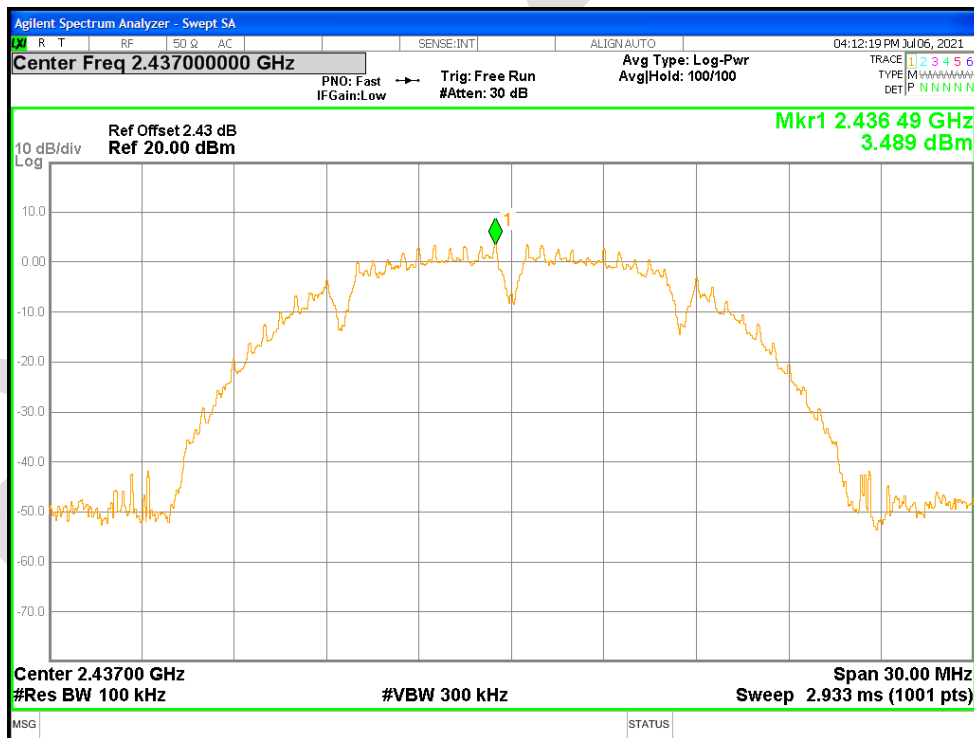
PSD NVNT b 2412MHz Ant2



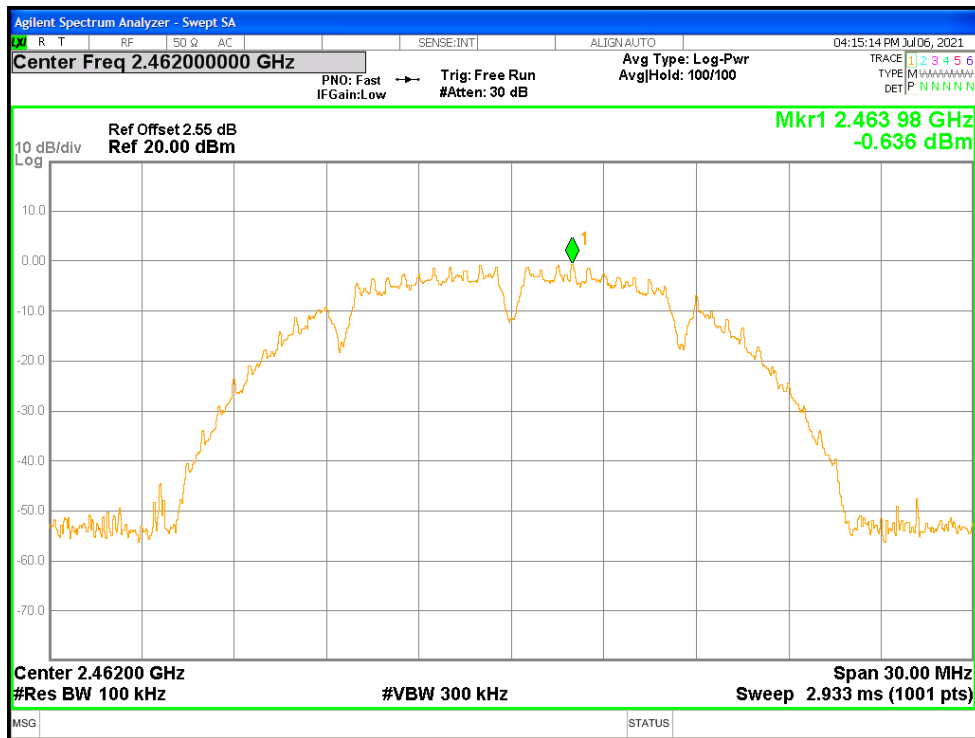
PSD NVNT b 2437MHz Ant1



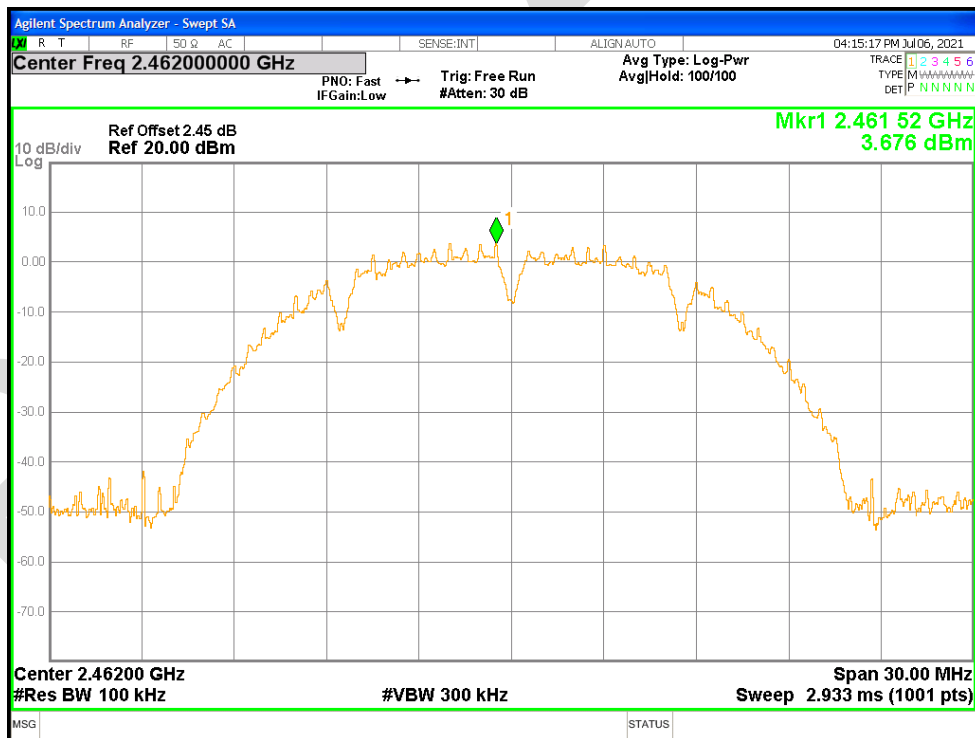
PSD NVNT b 2437MHz Ant2



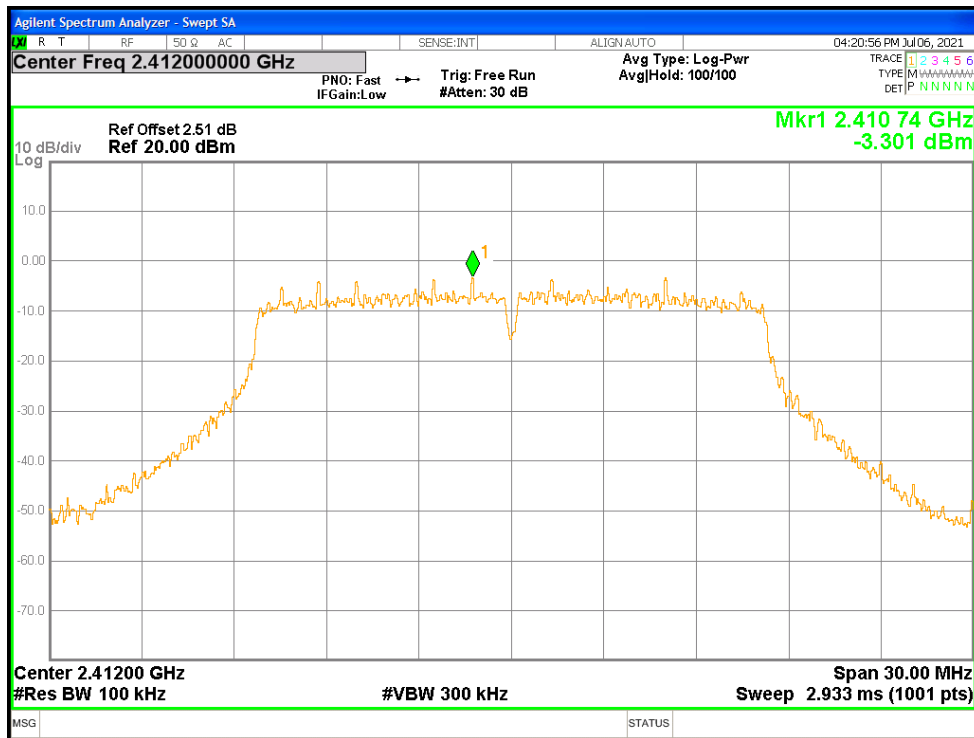
PSD NVNT b 2462MHz Ant1



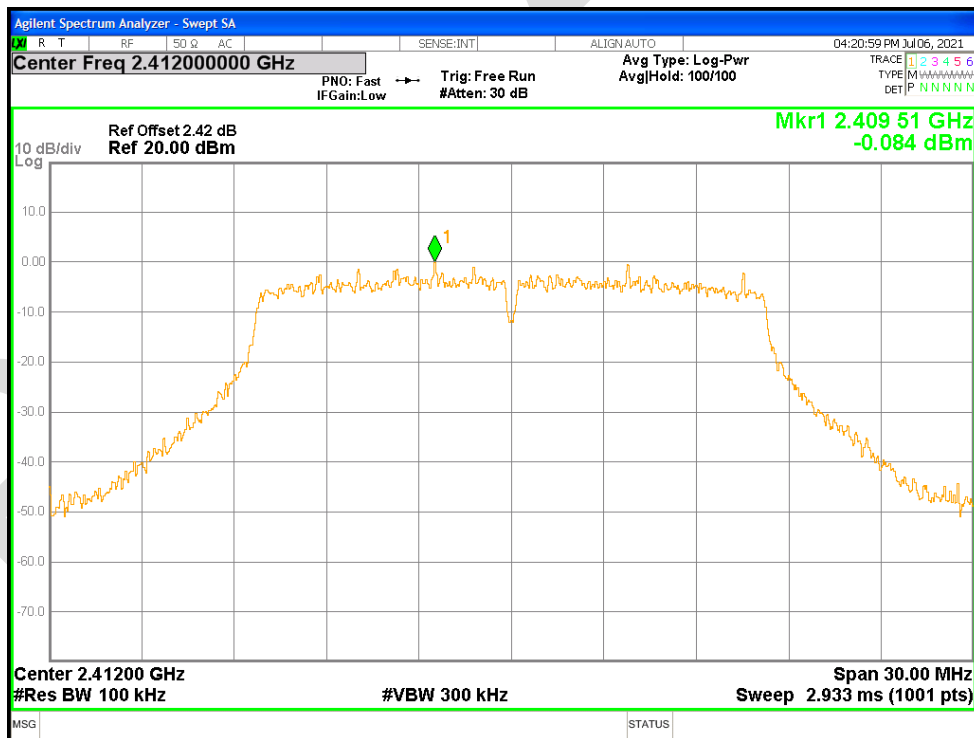
PSD NVNT b 2462MHz Ant2



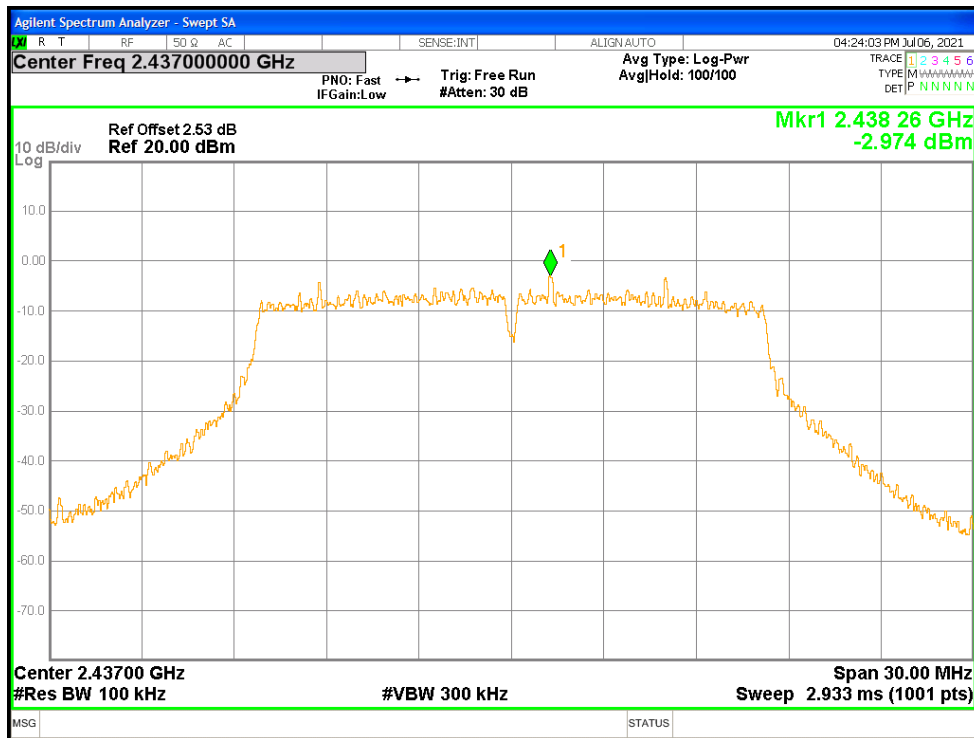
PSD NVNT g 2412MHz Ant1



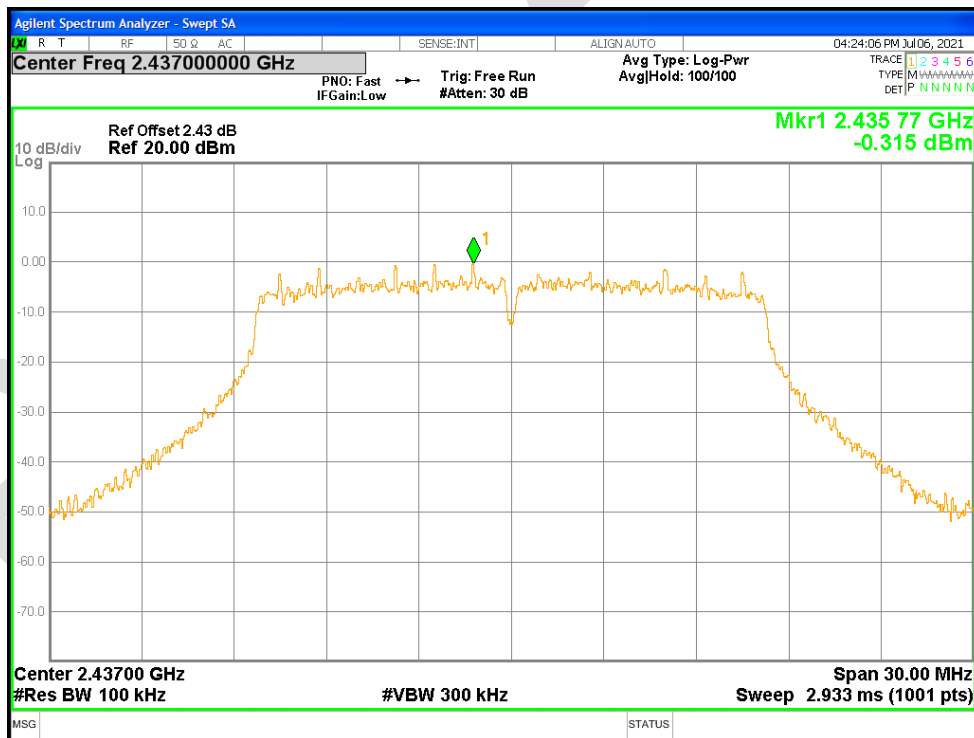
PSD NVNT g 2412MHz Ant2



PSD NVNT g 2437MHz Ant1

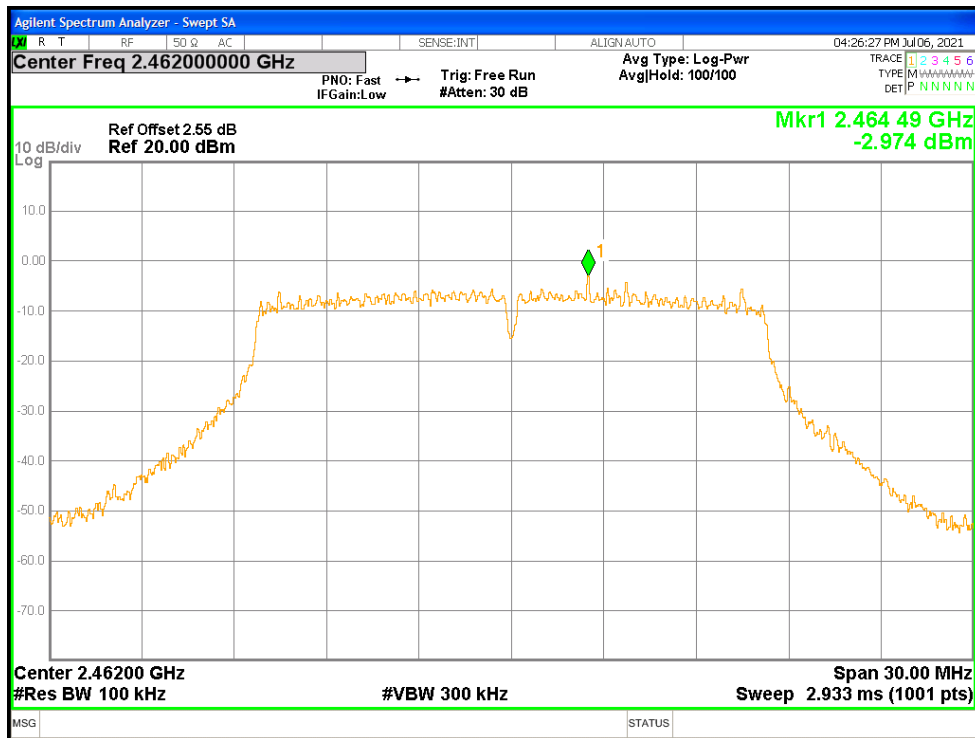


PSD NVNT g 2437MHz Ant2

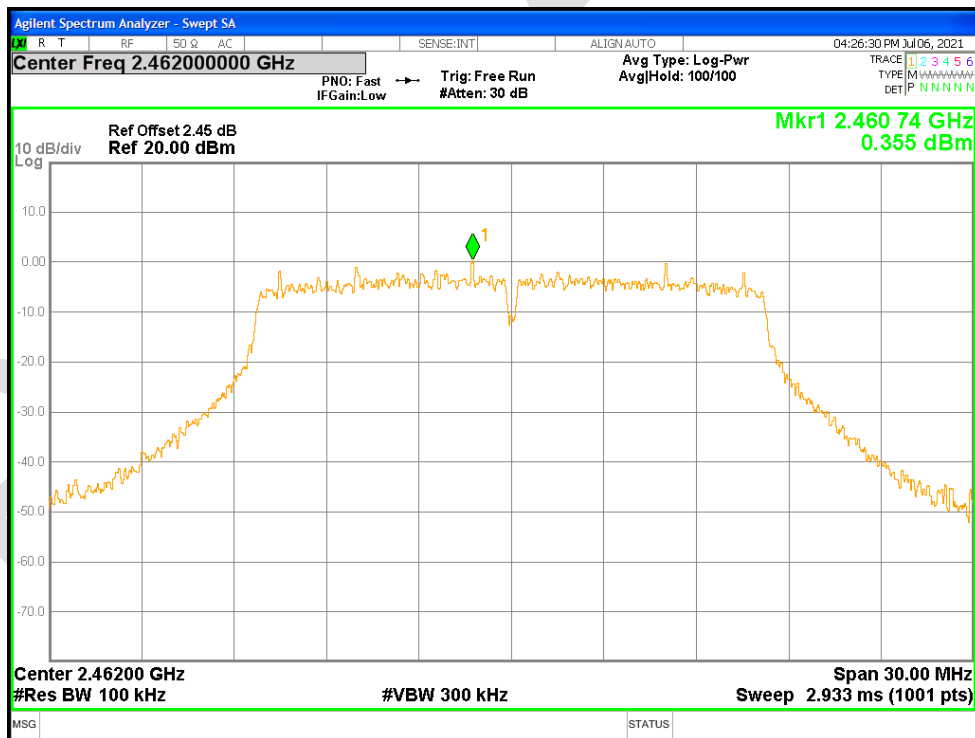


PSD NVNT g 2462MHz Ant1

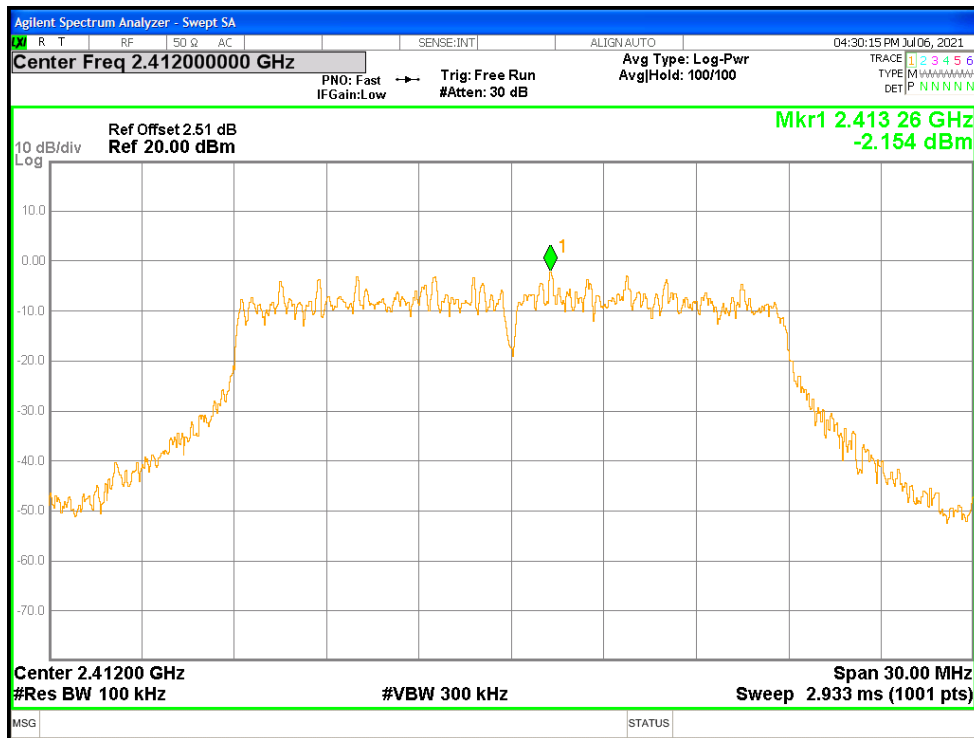




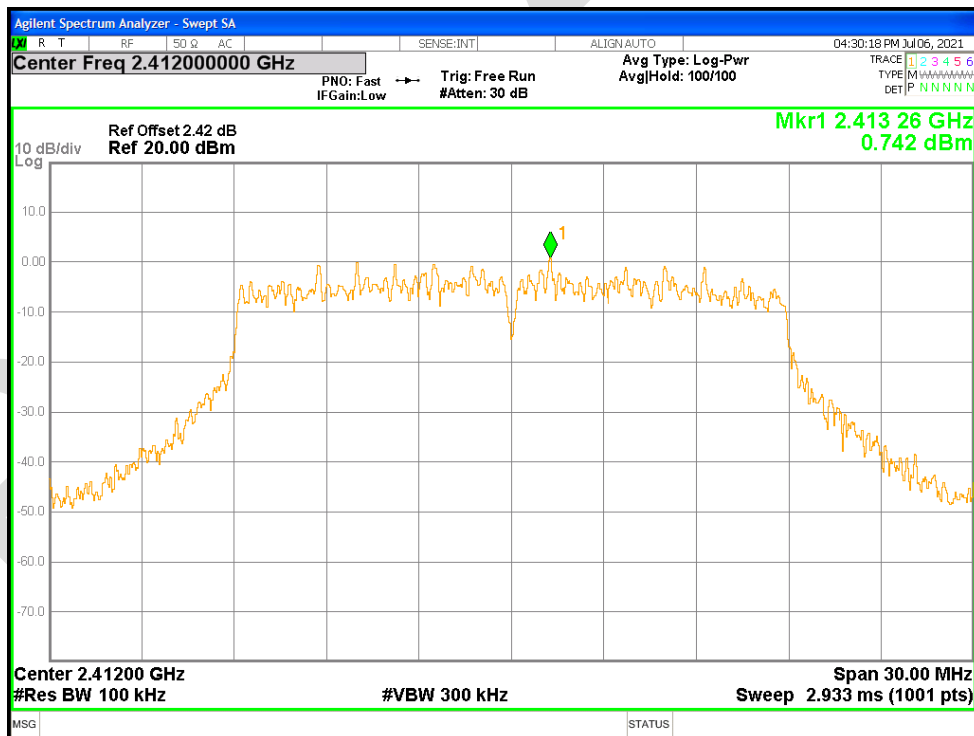
PSD NVNT g 2462MHz Ant2



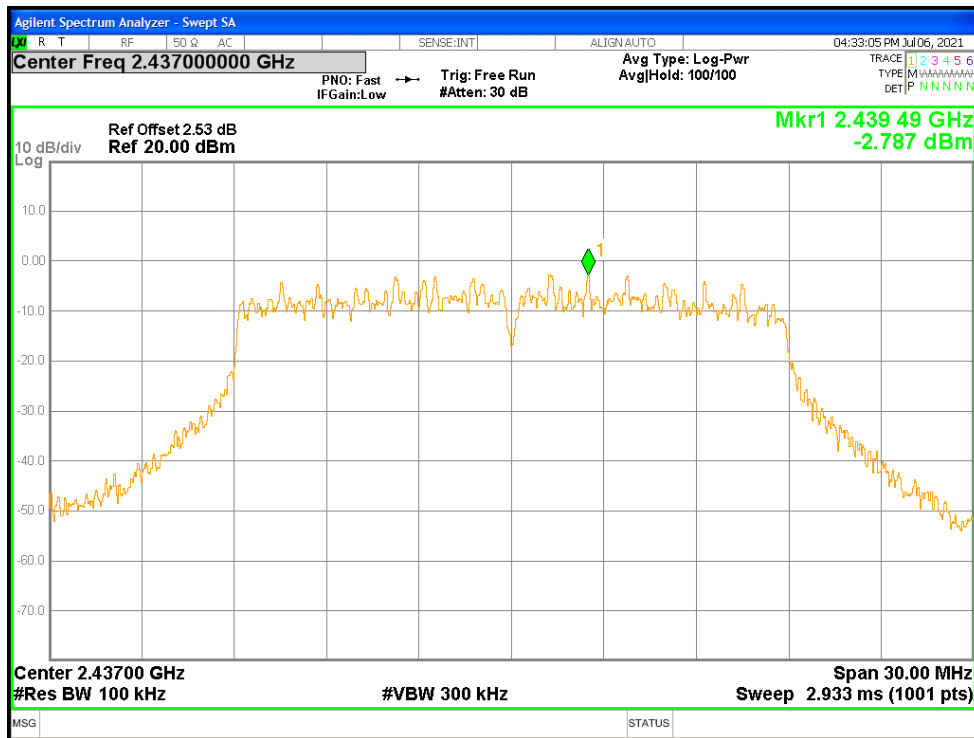
PSD NVNT n20 2412MHz Ant1



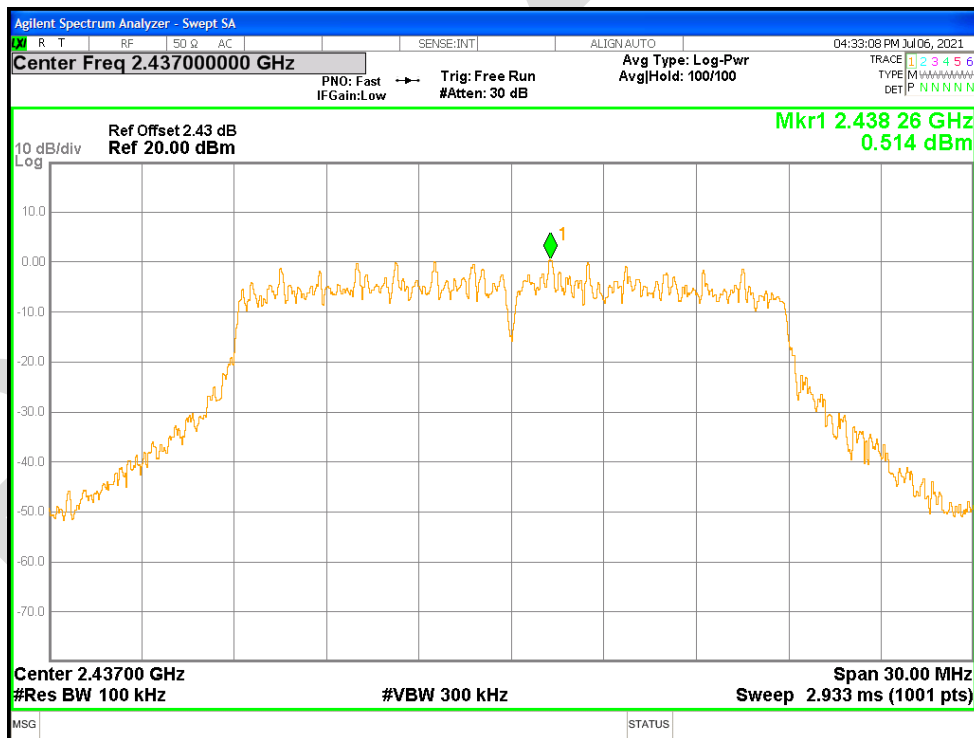
PSD NVNT n20 2412MHz Ant2



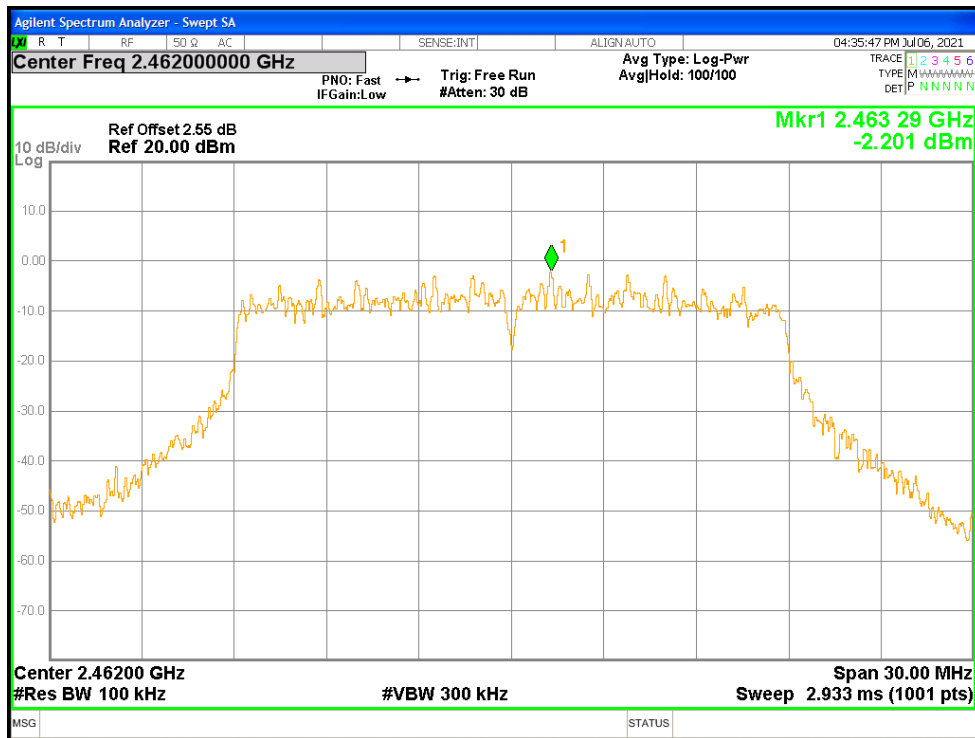
PSD NVNT n20 2437MHz Ant1



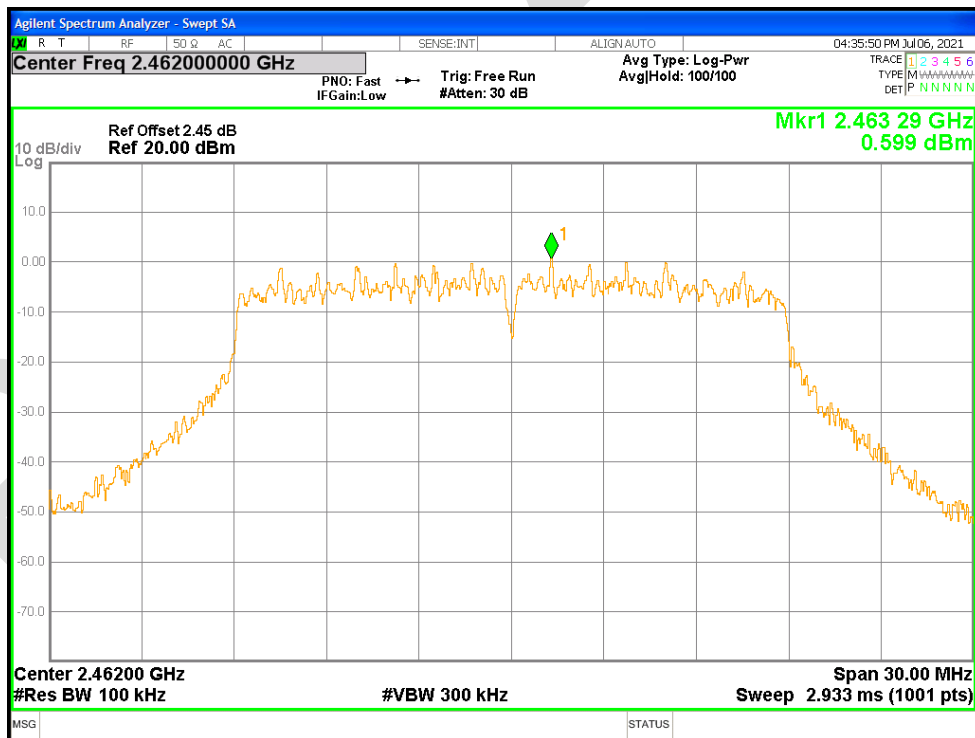
PSD NVNT n20 2437MHz Ant2



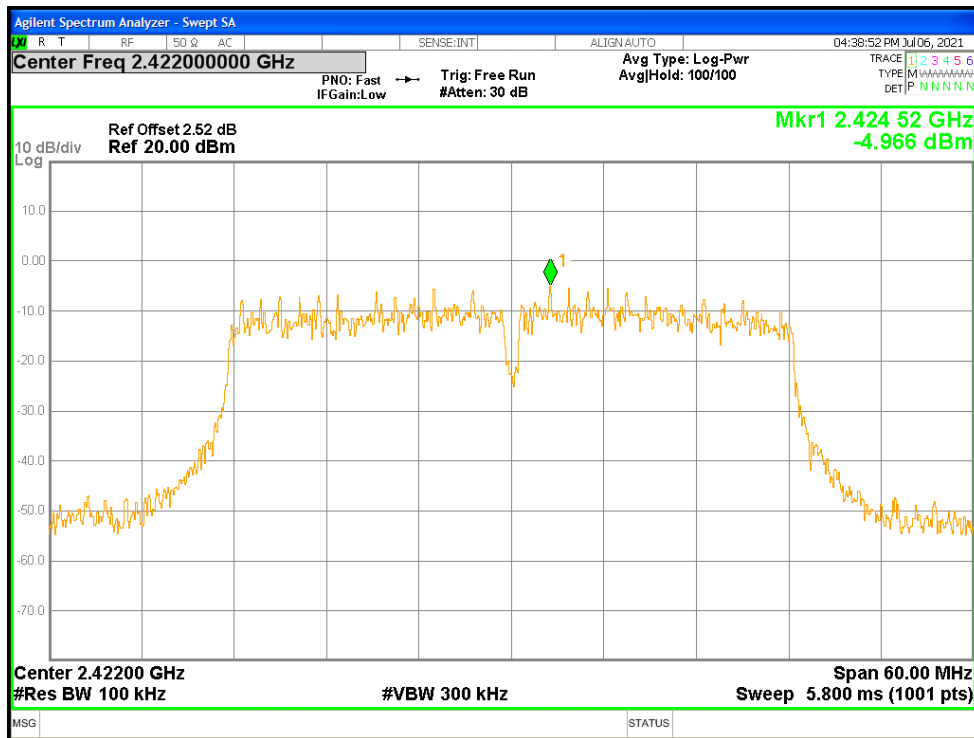
PSD NVNT n20 2462MHz Ant1



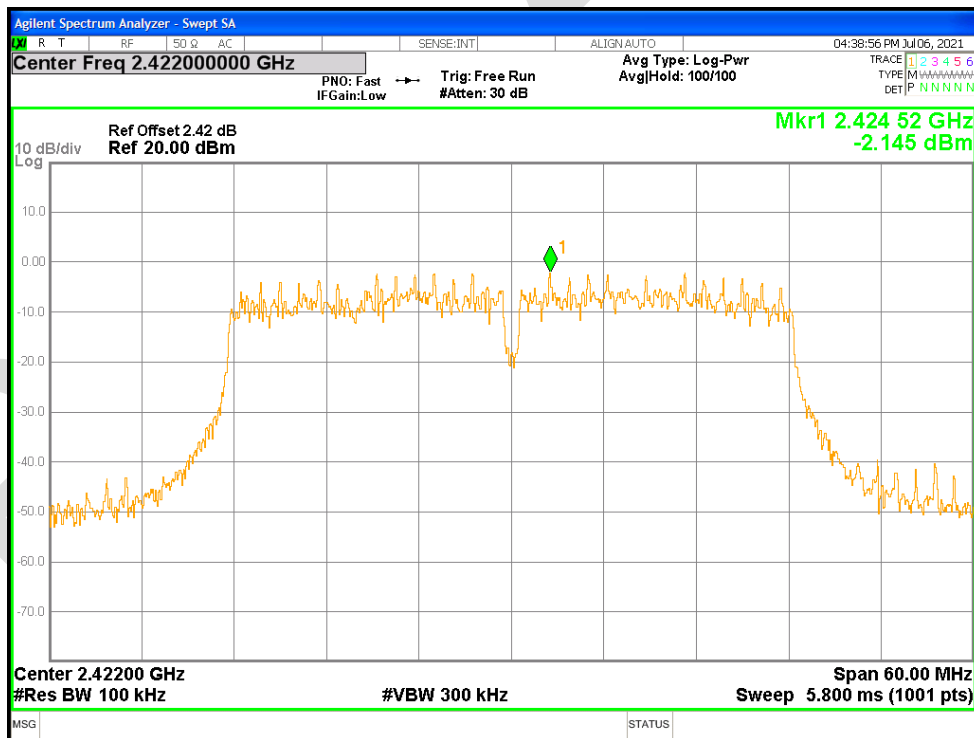
PSD NVNT n20 2462MHz Ant2



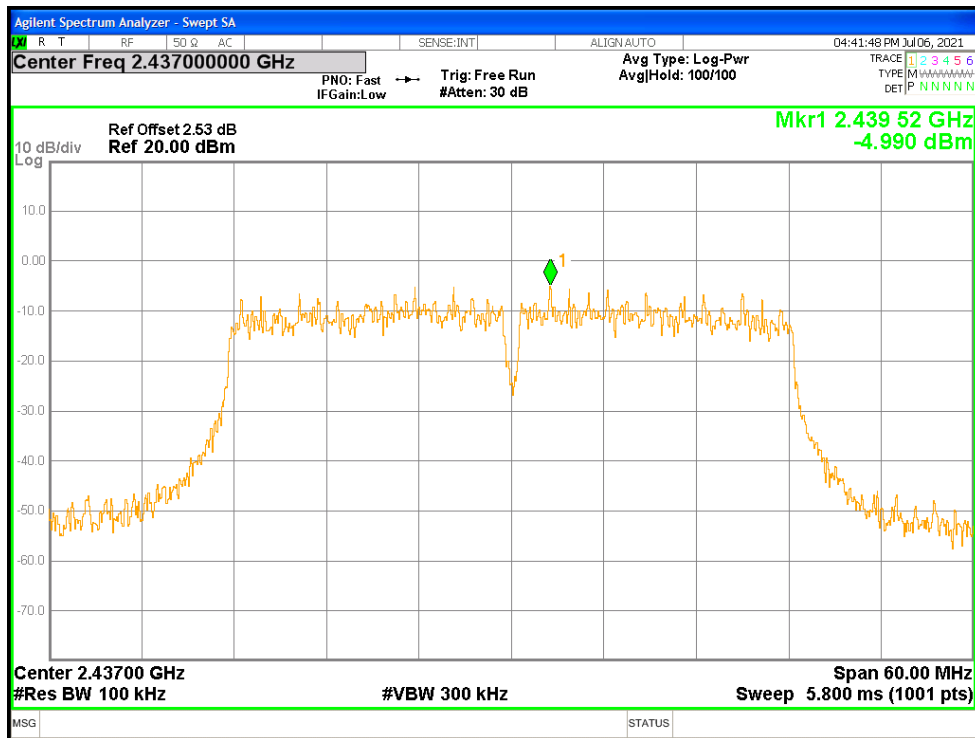
PSD NVNT n40 2422MHz Ant1



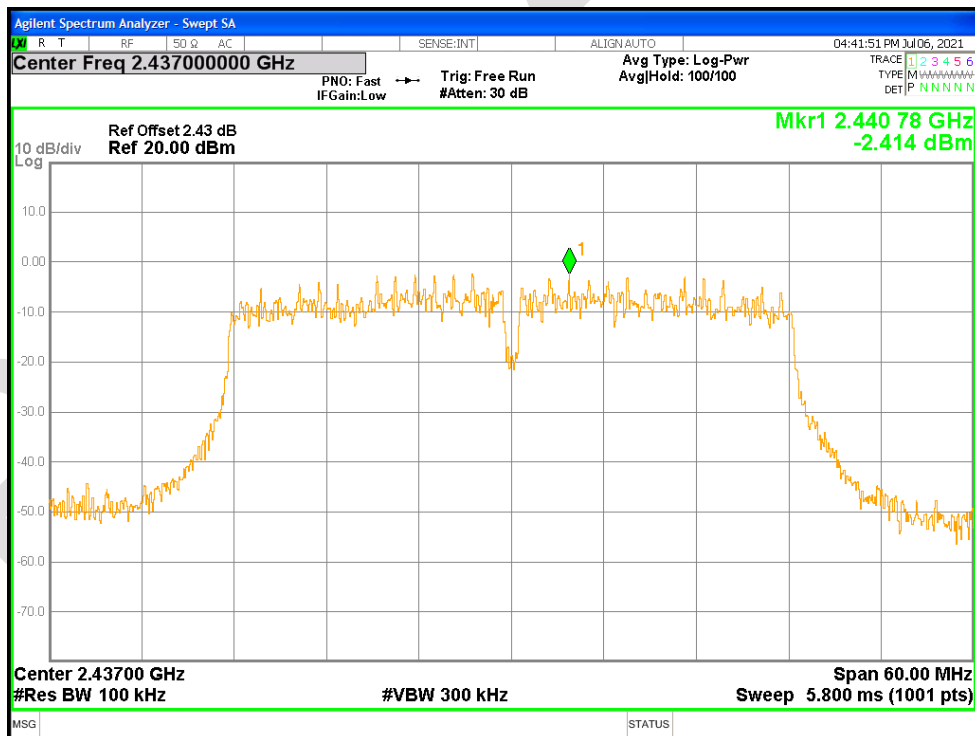
PSD NVNT n40 2422MHz Ant2



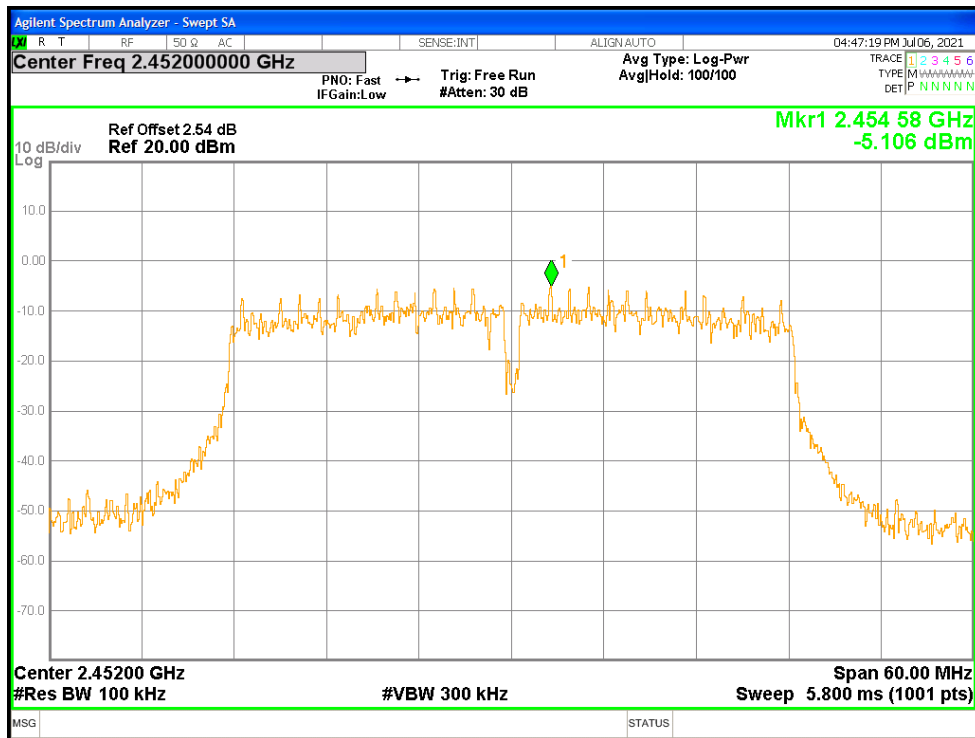
PSD NVNT n40 2437MHz Ant1



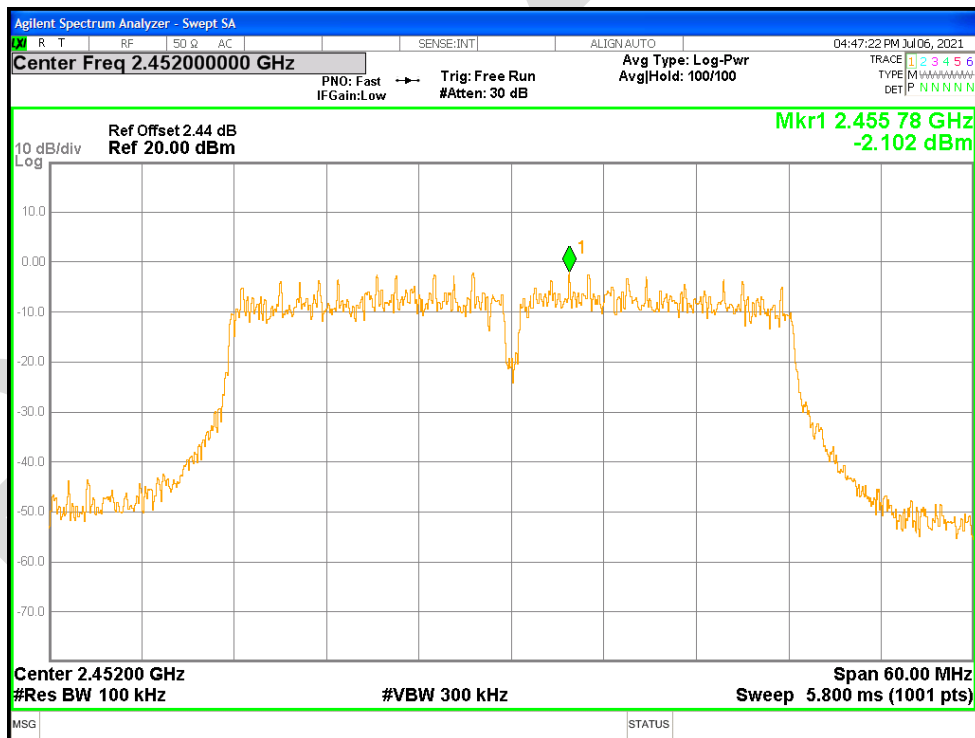
PSD NVNT n40 2437MHz Ant2



PSD NVNT n40 2452MHz Ant1



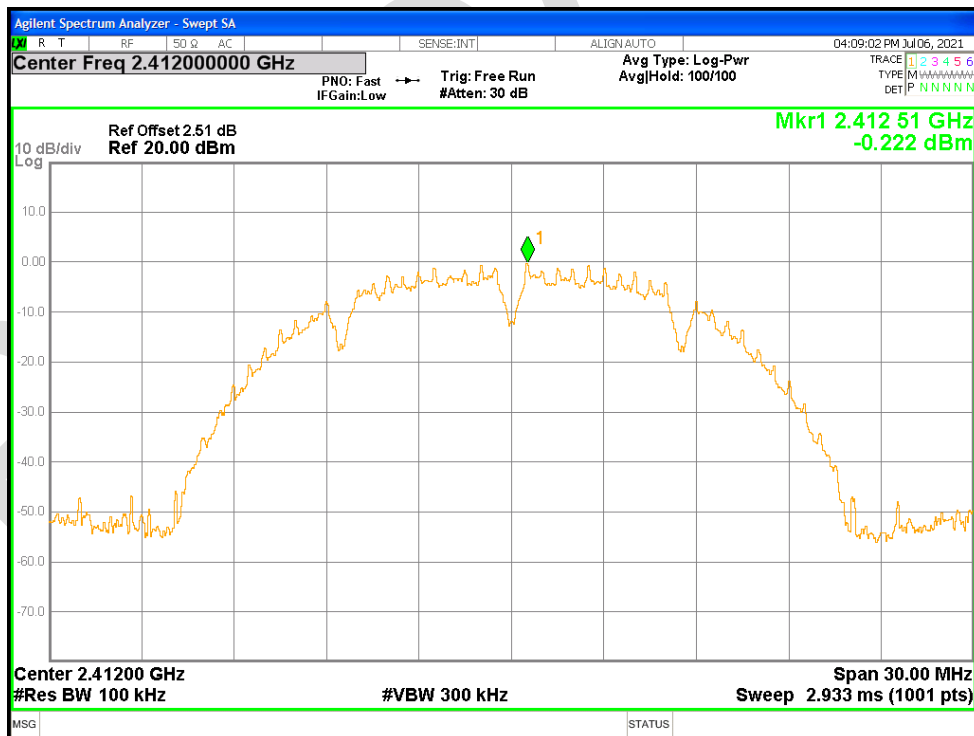
PSD NVNT n40 2452MHz Ant2



### 20.5 BAND EDGE

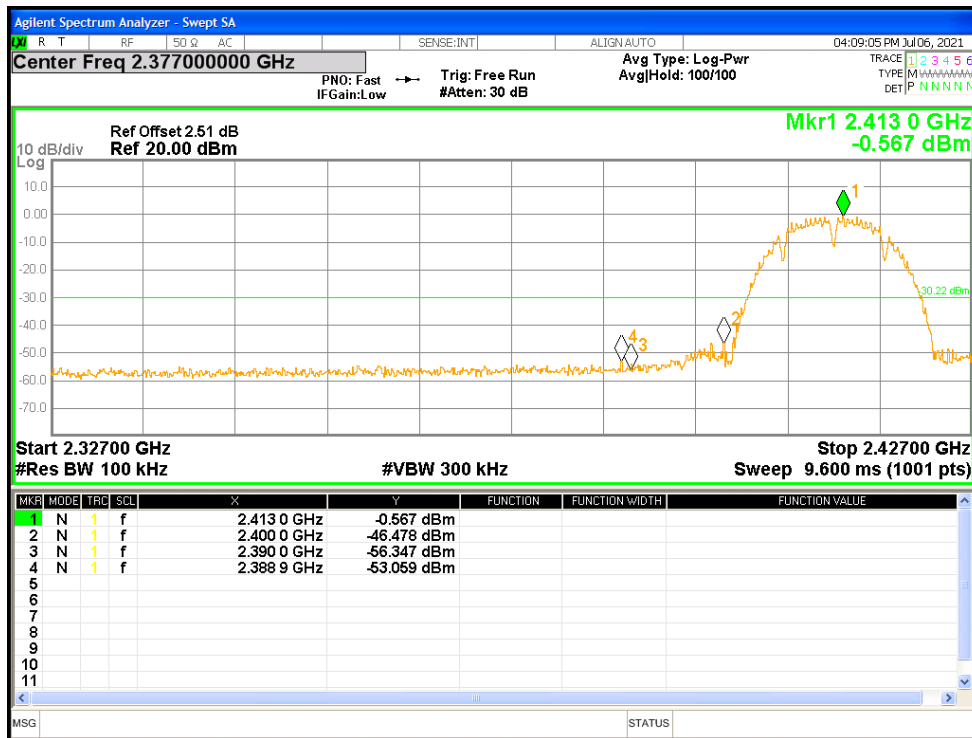
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-52.83	-30	Pass
NVNT	b	2412	Ant2	-55.55	-30	Pass
NVNT	b	2462	Ant1	-52.9	-30	Pass
NVNT	b	2462	Ant2	-55.95	-30	Pass
NVNT	g	2412	Ant1	-50.69	-30	Pass
NVNT	g	2412	Ant2	-52.11	-30	Pass
NVNT	g	2462	Ant1	-51.09	-30	Pass
NVNT	g	2462	Ant2	-53.02	-30	Pass
NVNT	n20	2412	Ant1	-51.18	-30	Pass
NVNT	n20	2412	Ant2	-52.64	-30	Pass
NVNT	n20	2462	Ant1	-50.6	-30	Pass
NVNT	n20	2462	Ant2	-54.53	-30	Pass
NVNT	n40	2422	Ant1	-42.37	-30	Pass
NVNT	n40	2422	Ant2	-44.55	-30	Pass
NVNT	n40	2452	Ant1	-44.04	-30	Pass
NVNT	n40	2452	Ant2	-49.53	-30	Pass

Band Edge NVNT b 2412MHz Ant1 Ref

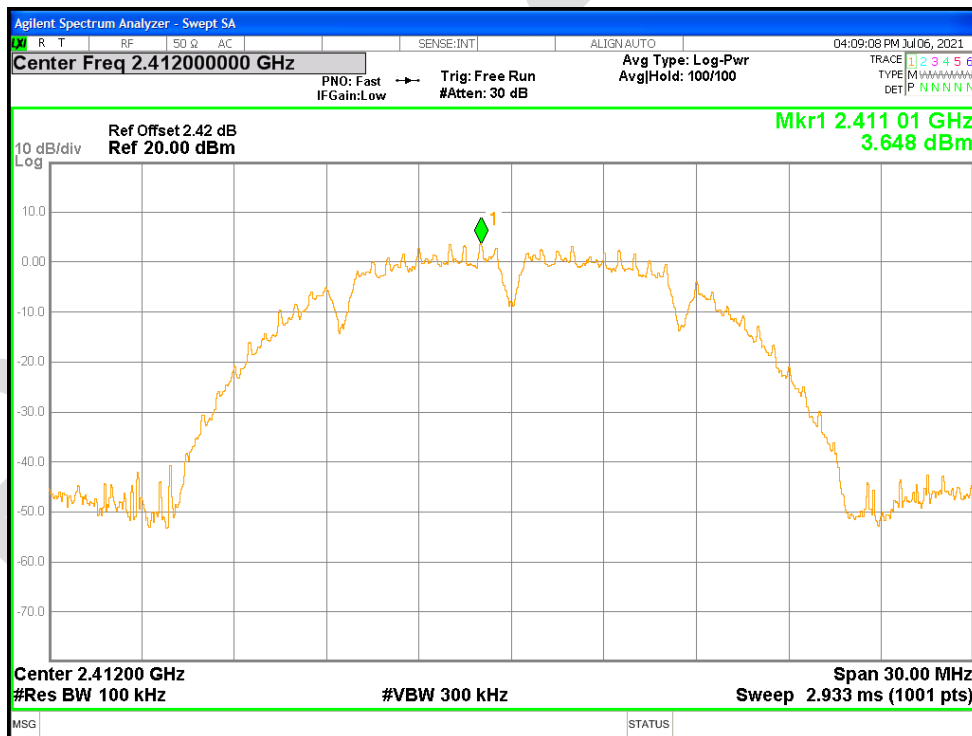


Band Edge NVNT b 2412MHz Ant1 Emission

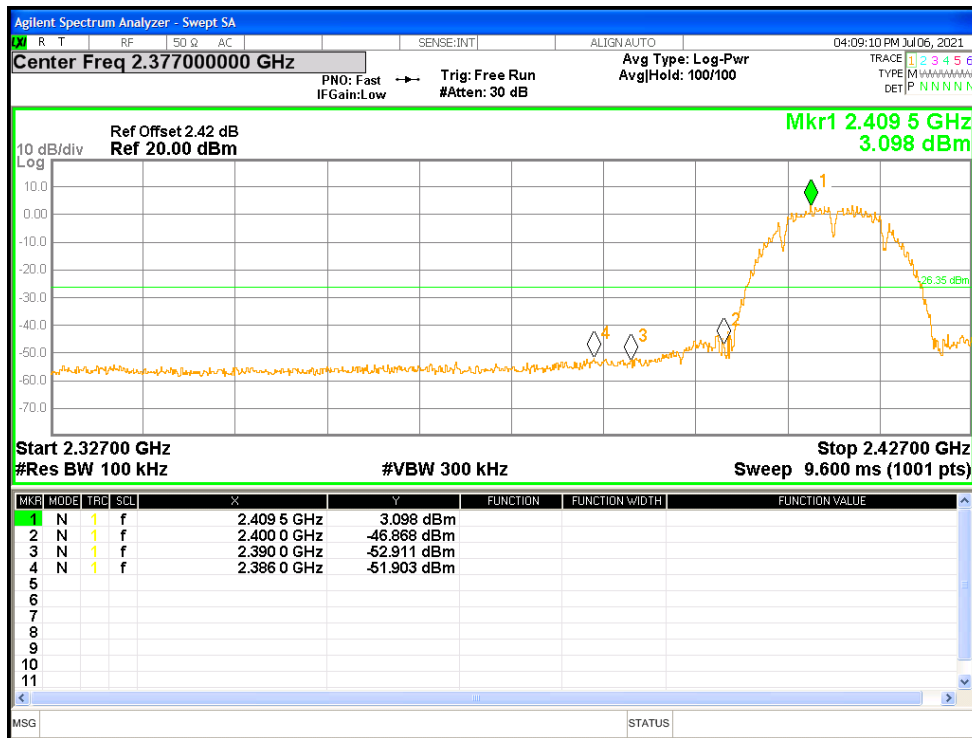




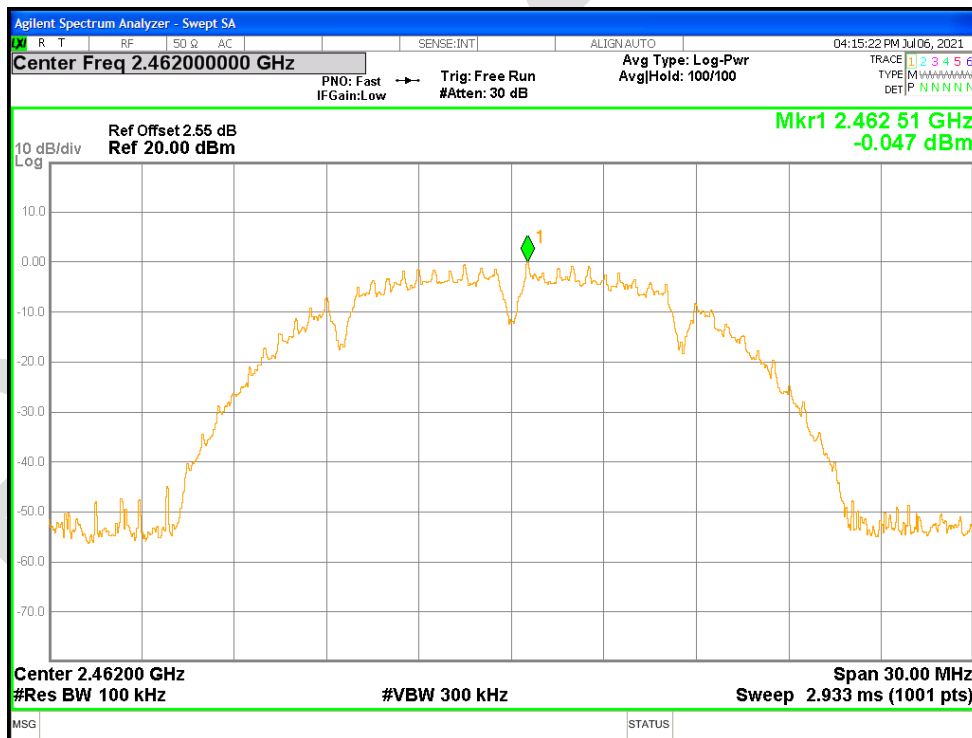
Band Edge NVNT b 2412MHz Ant2 Ref



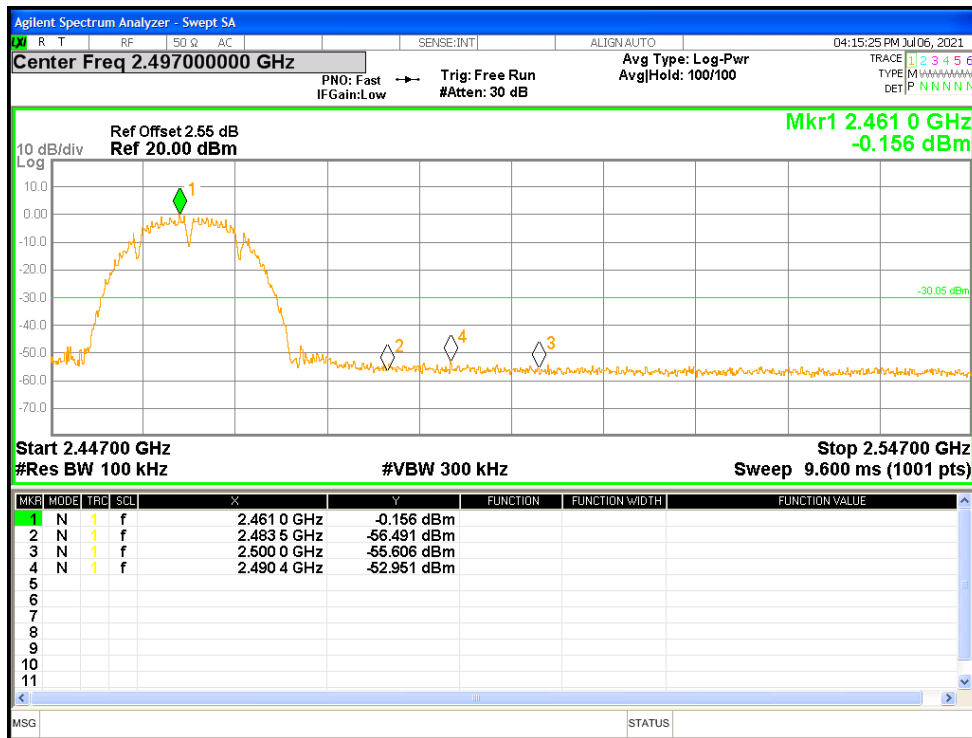
Band Edge NVNT b 2412MHz Ant2 Emission



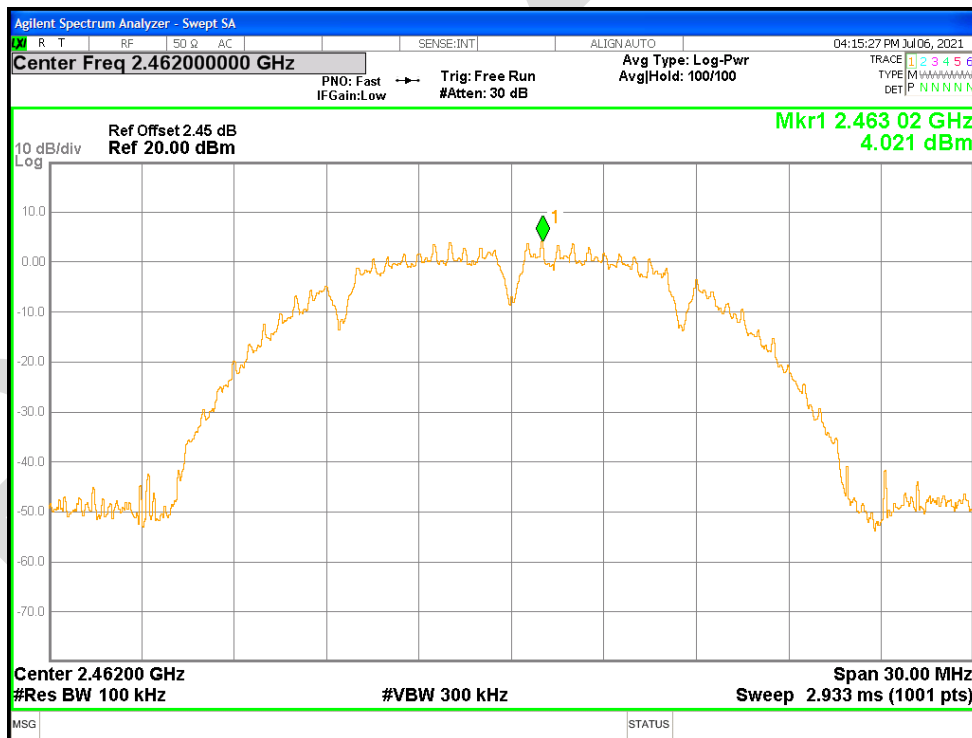
Band Edge NVNT b 2462MHz Ant1 Ref



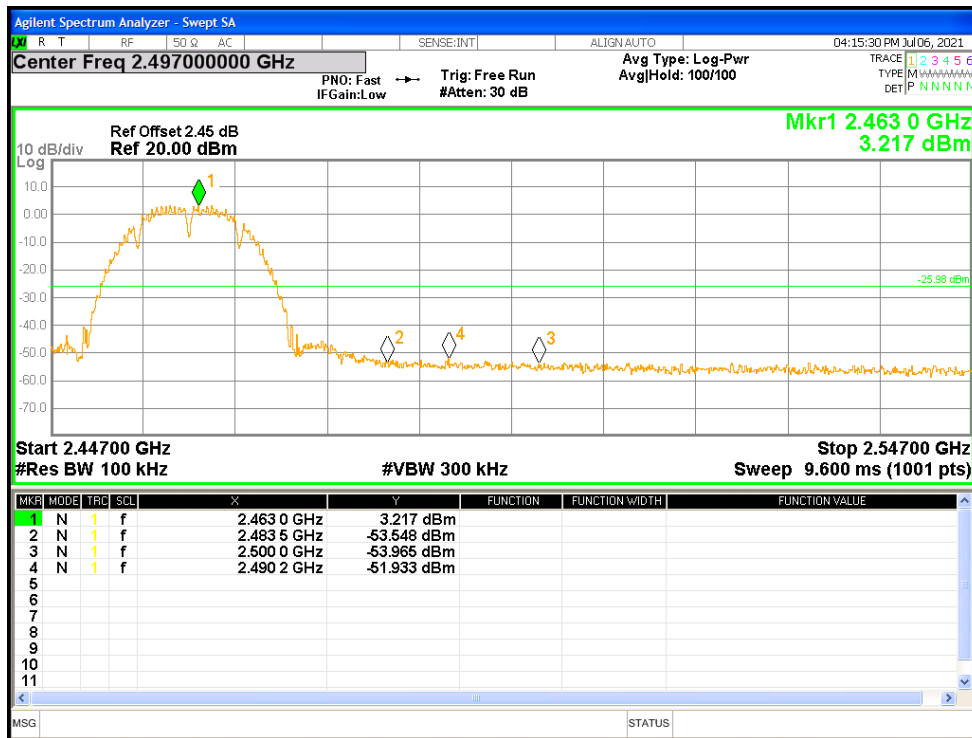
Band Edge NVNT b 2462MHz Ant1 Emission



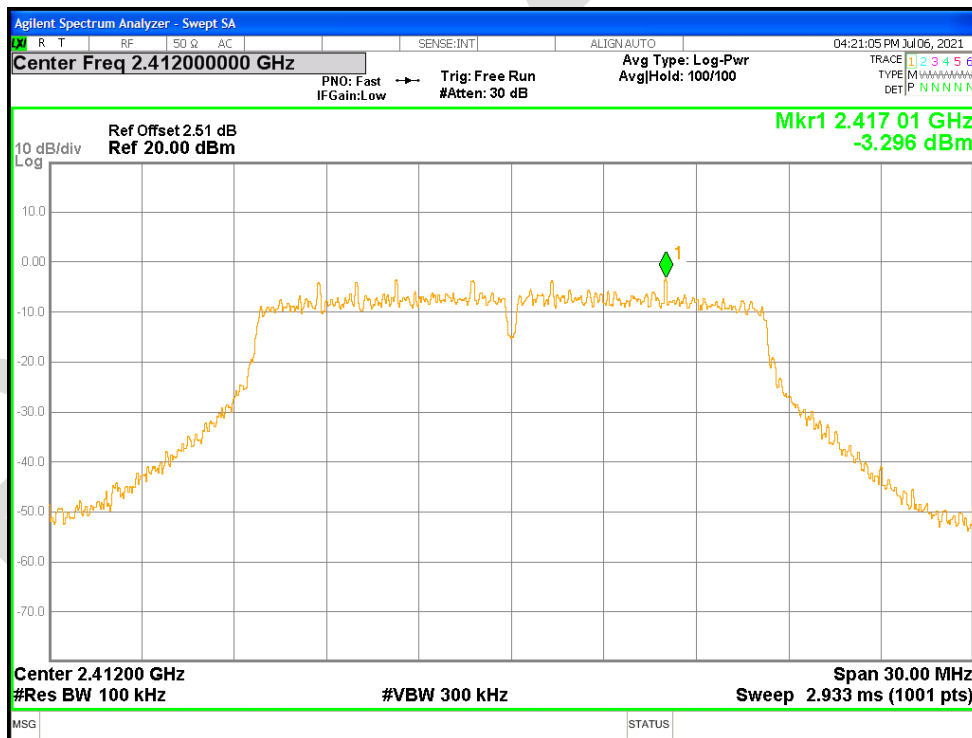
Band Edge NVNT b 2462MHz Ant2 Ref



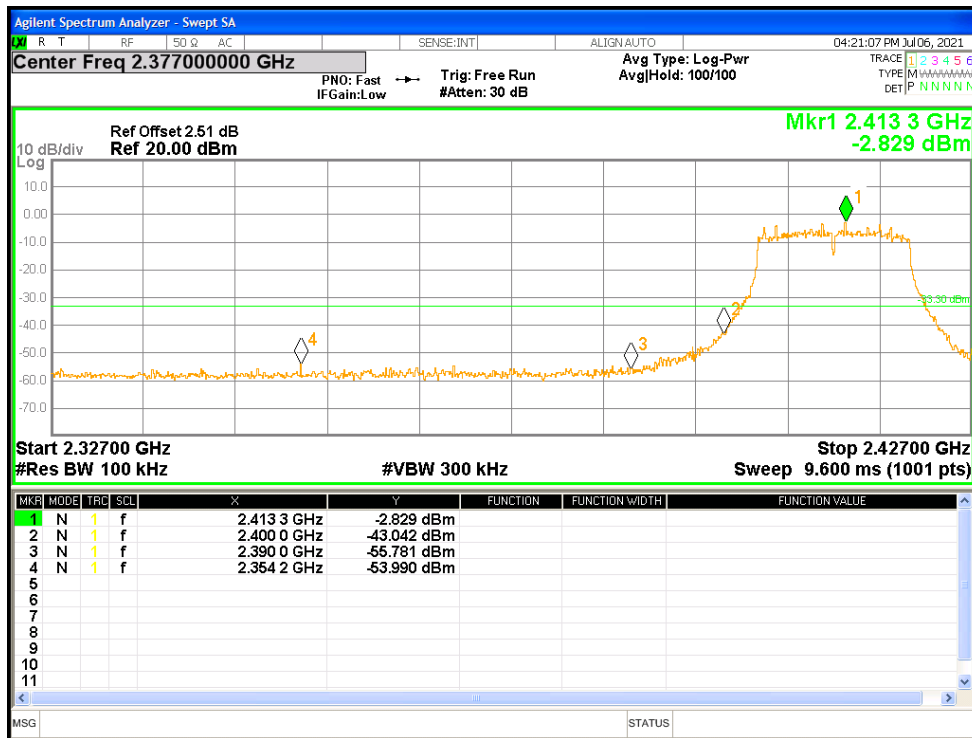
Band Edge NVNT b 2462MHz Ant2 Emission



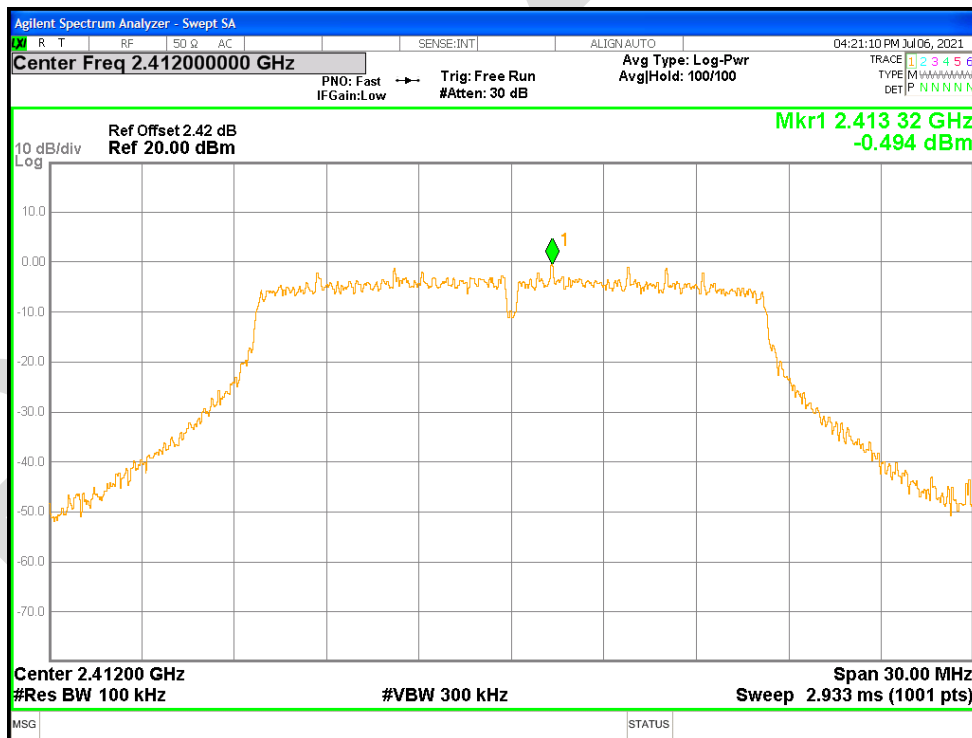
Band Edge NVNT g 2412MHz Ant1 Ref



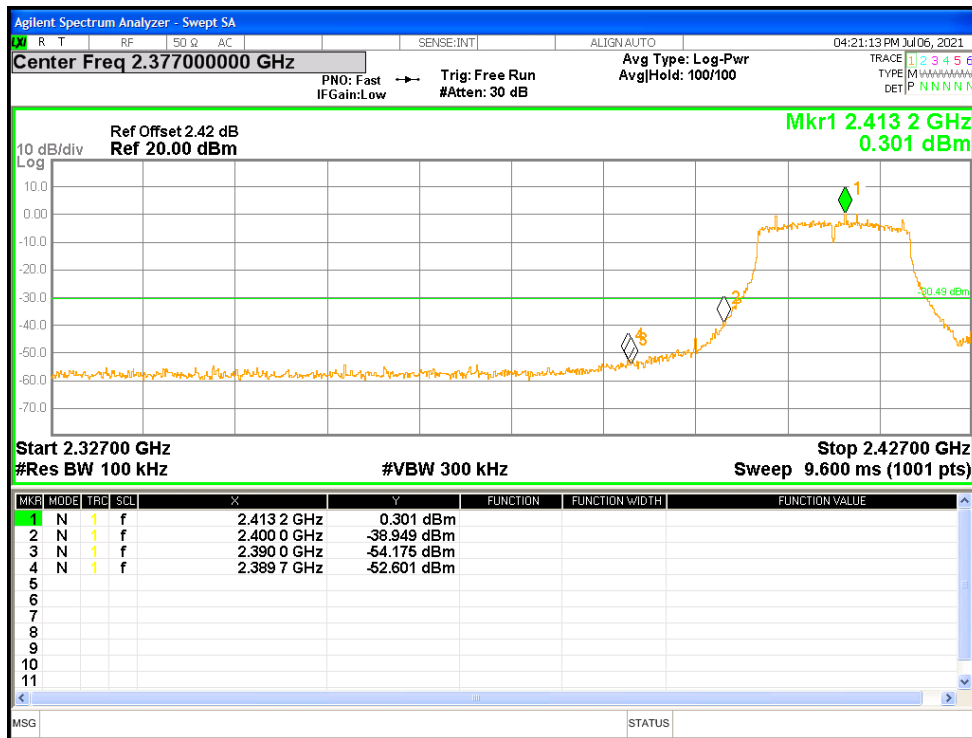
Band Edge NVNT g 2412MHz Ant1 Emission



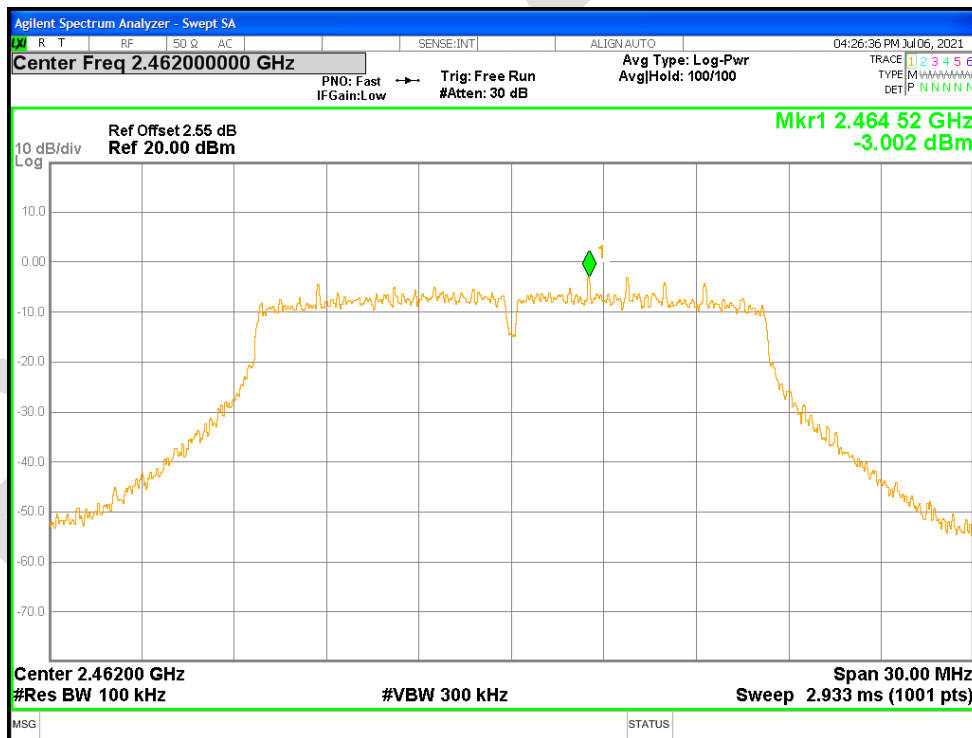
Band Edge NVNT g 2412MHz Ant2 Ref



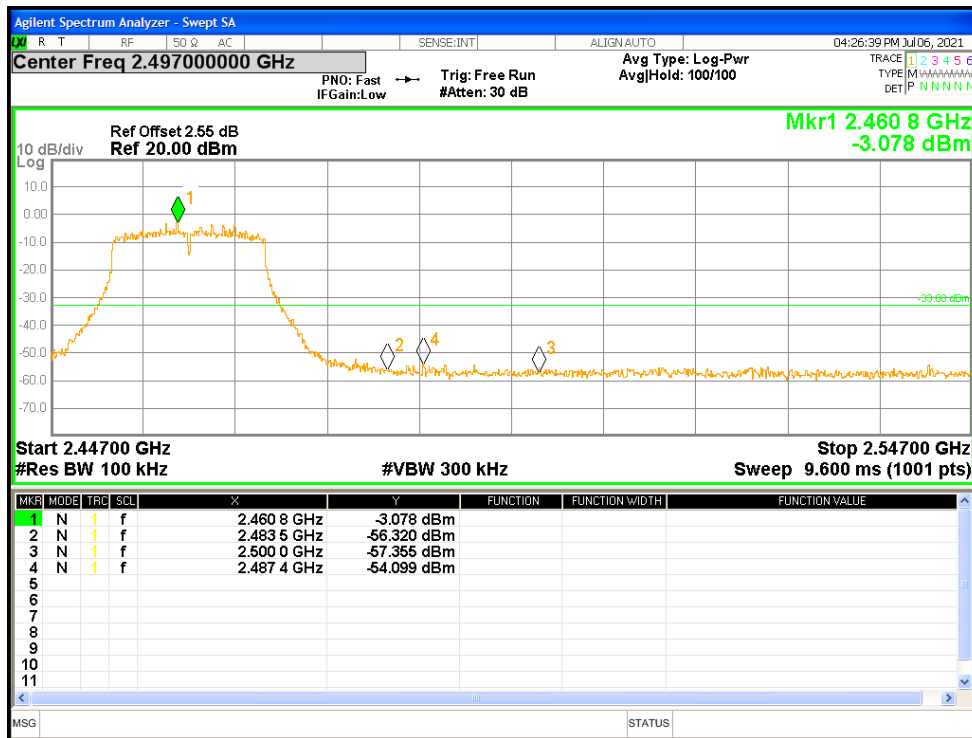
Band Edge NVNT g 2412MHz Ant2 Emission



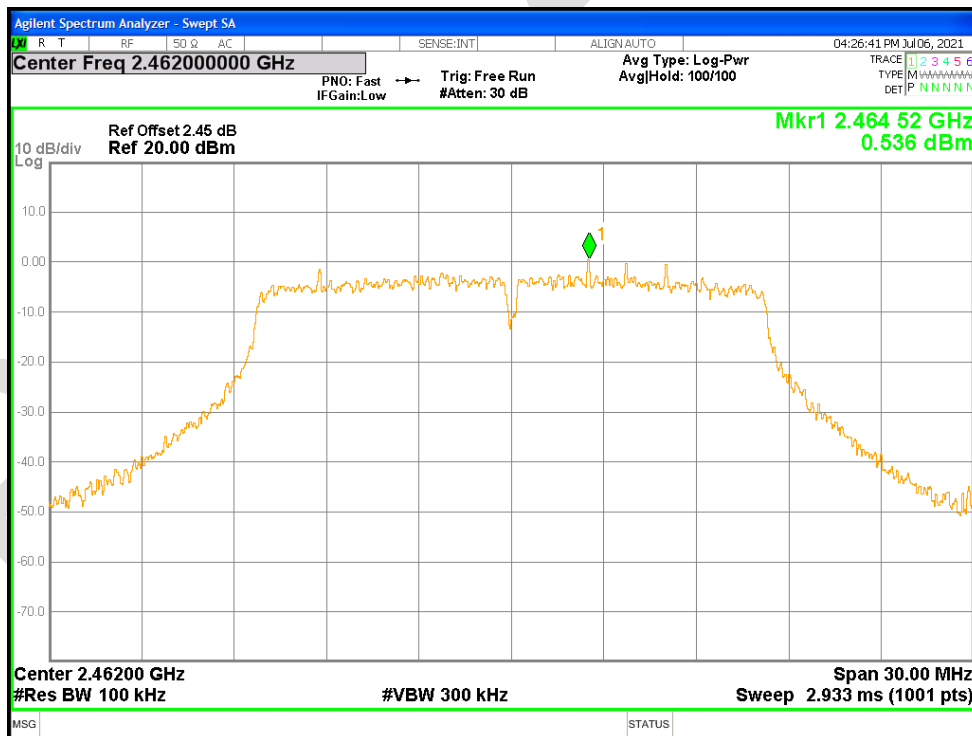
Band Edge NVNT g 2462MHz Ant1 Ref



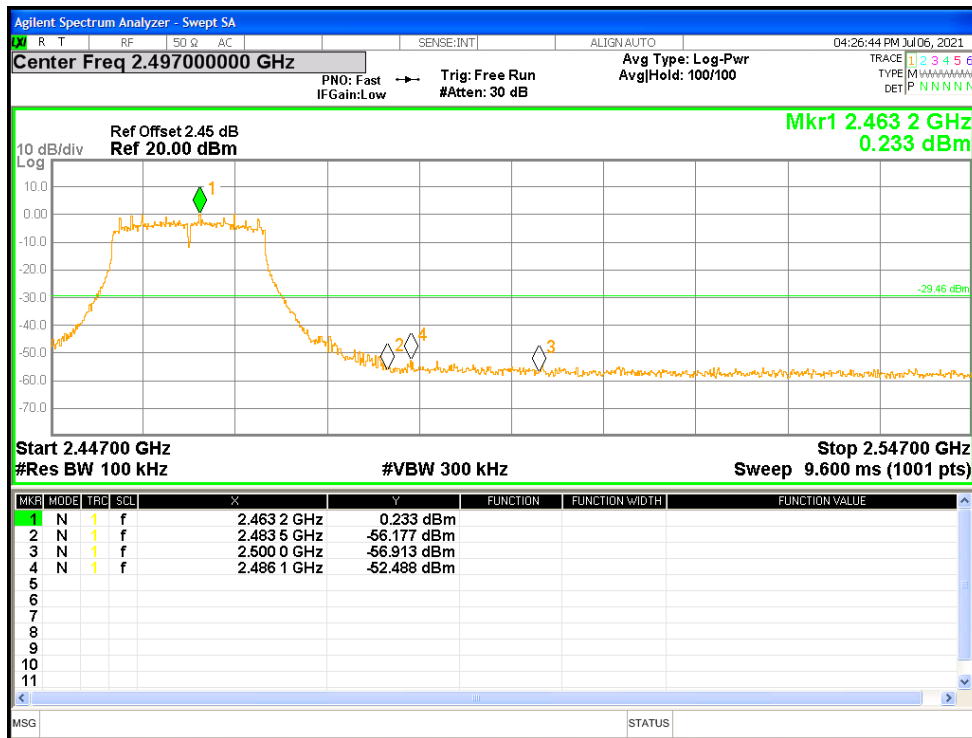
Band Edge NVNT g 2462MHz Ant1 Emission



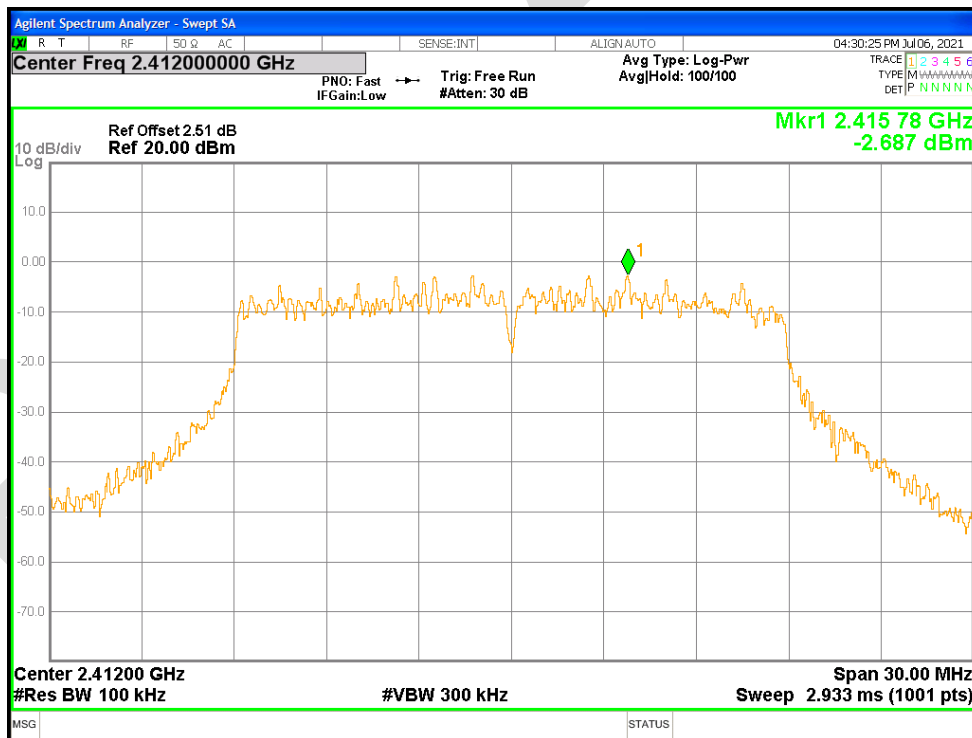
Band Edge NVNT g 2462MHz Ant2 Ref



Band Edge NVNT g 2462MHz Ant2 Emission

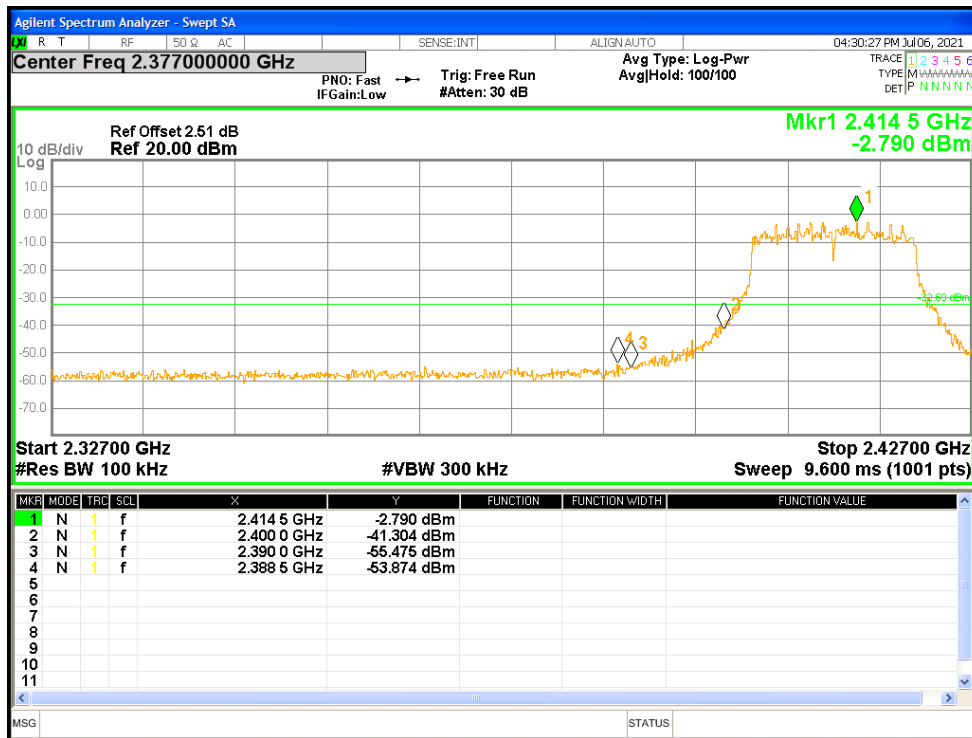


Band Edge NVNT n20 2412MHz Ant1 Ref

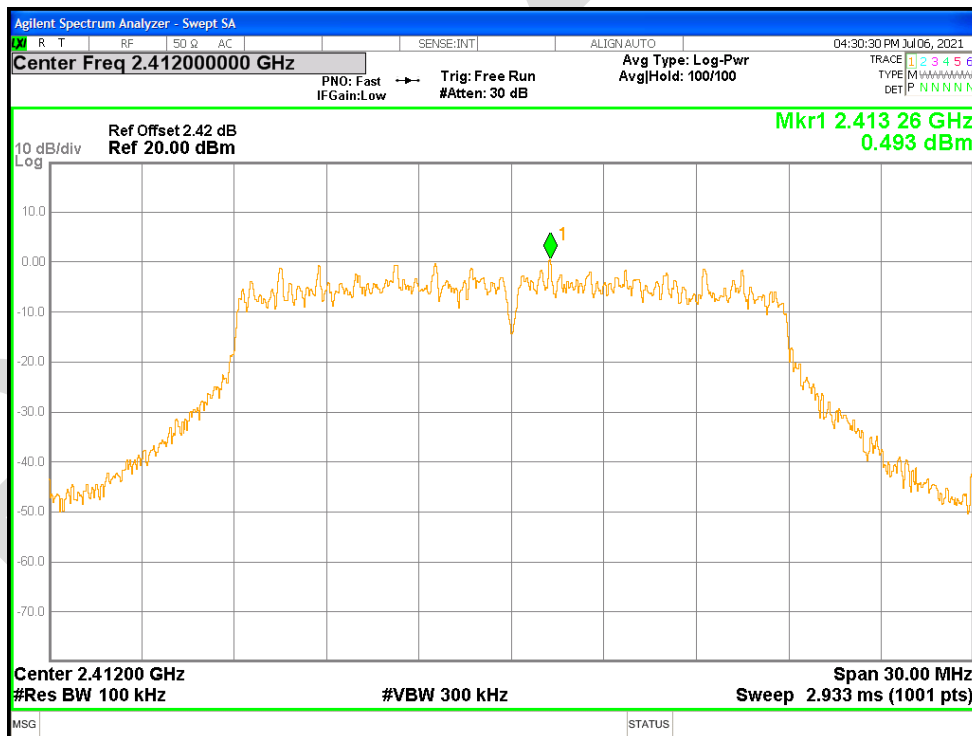


Band Edge NVNT n20 2412MHz Ant1 Emission

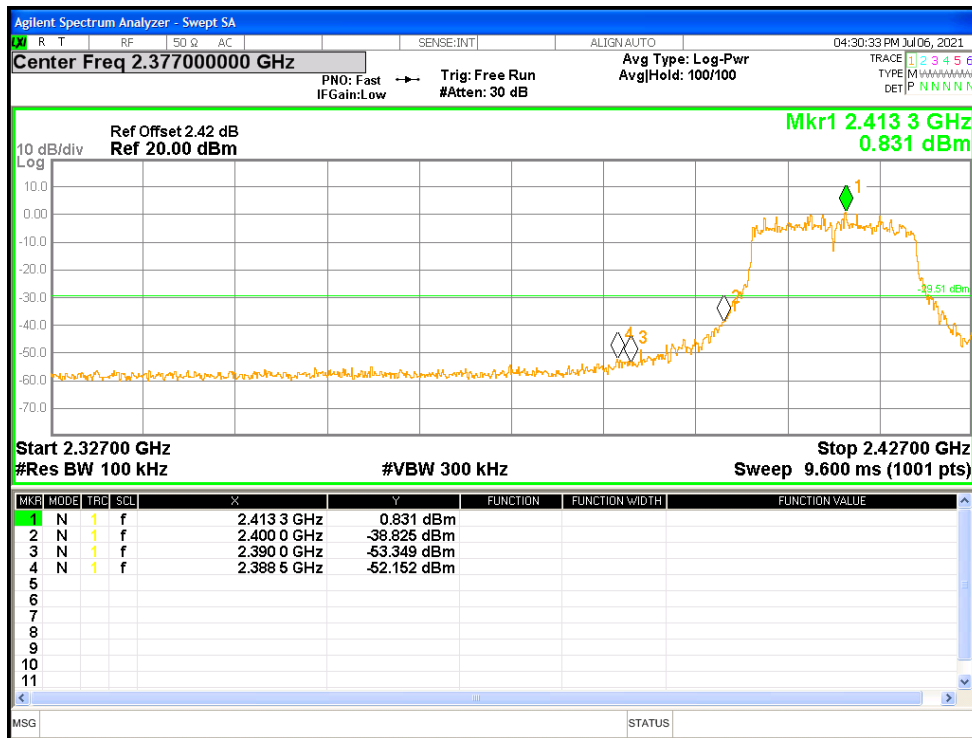




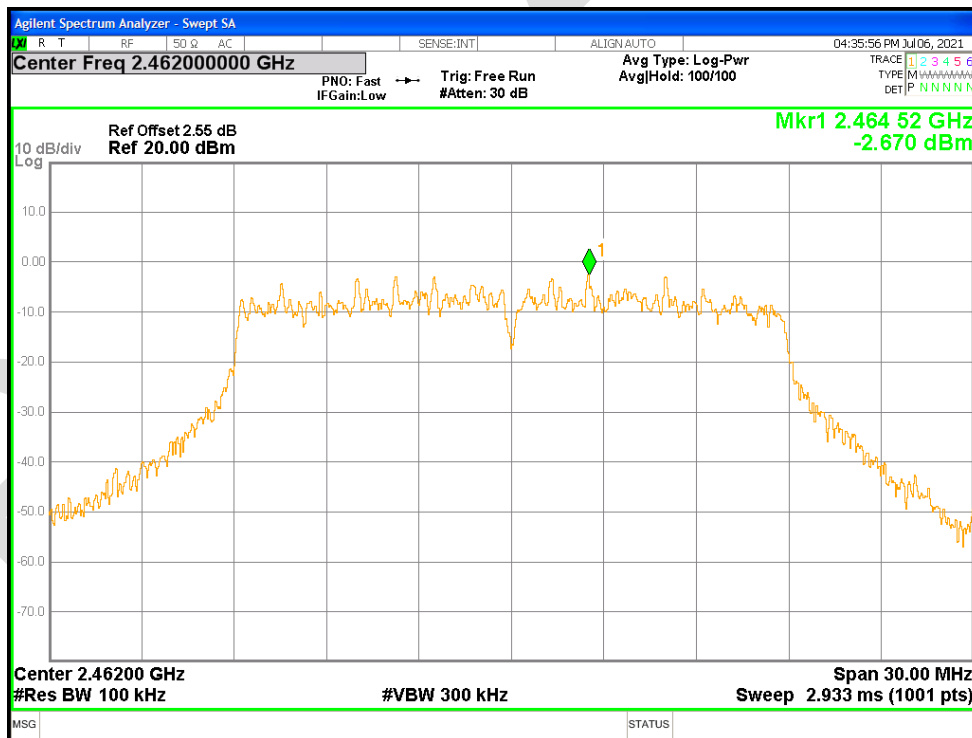
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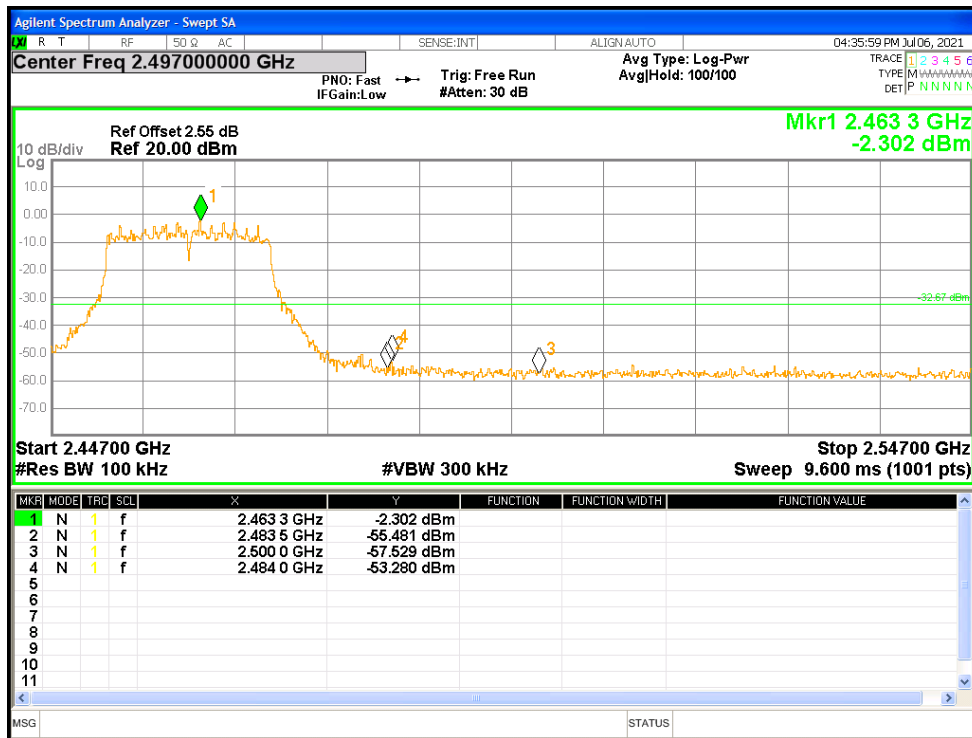
Band Edge NVNT n20 2412MHz Ant2 Emission



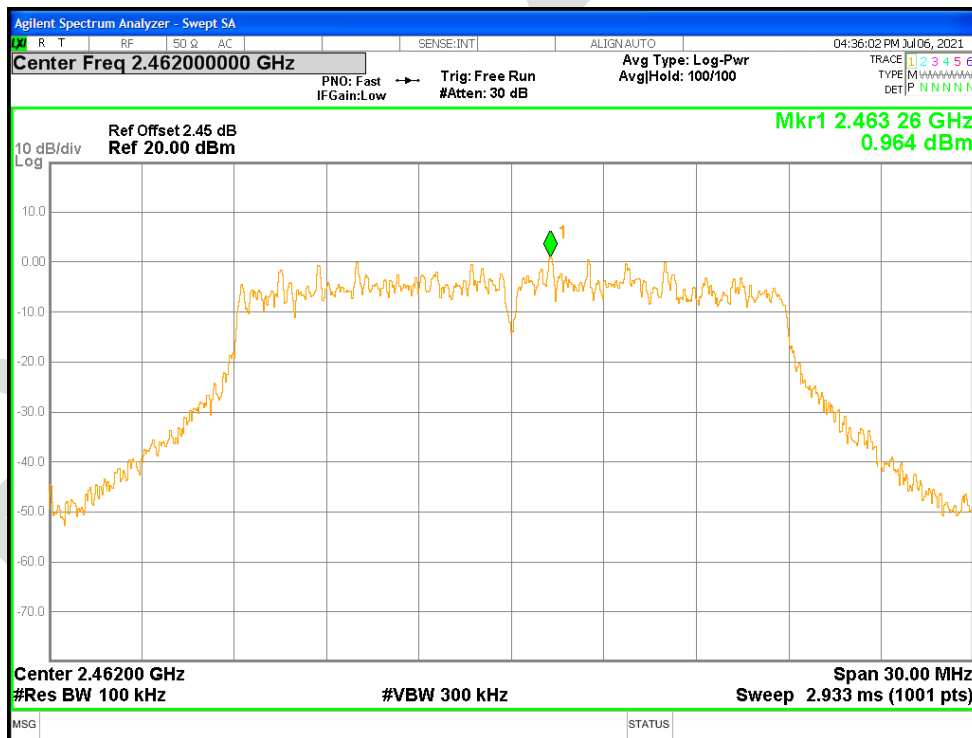
Band Edge NVNT n20 2462MHz Ant1 Ref



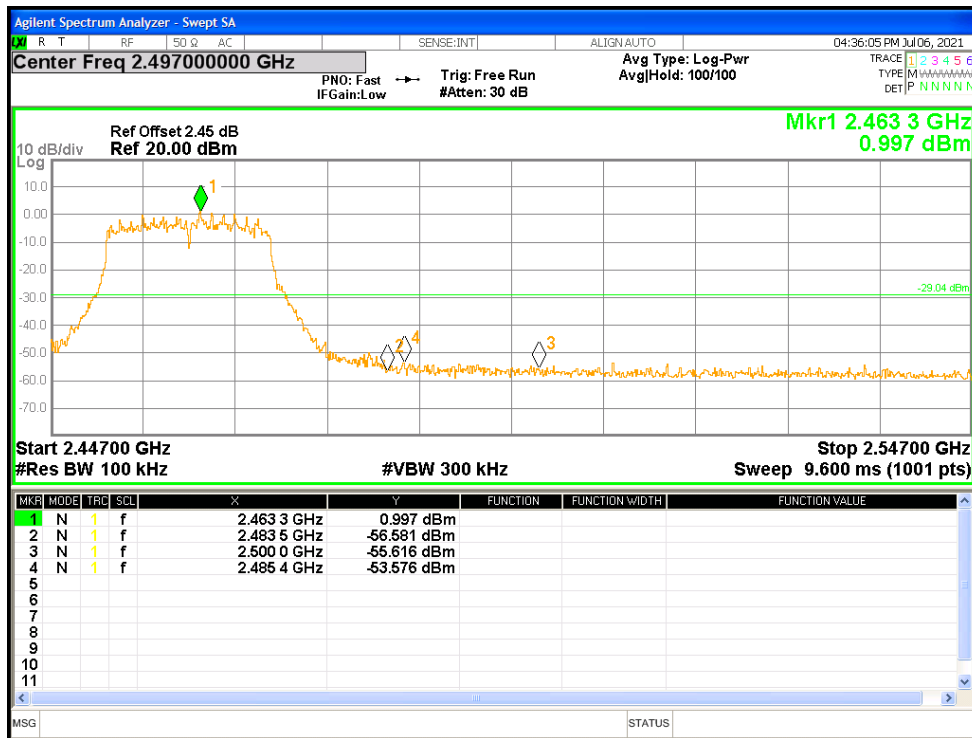
Band Edge NVNT n20 2462MHz Ant1 Emission



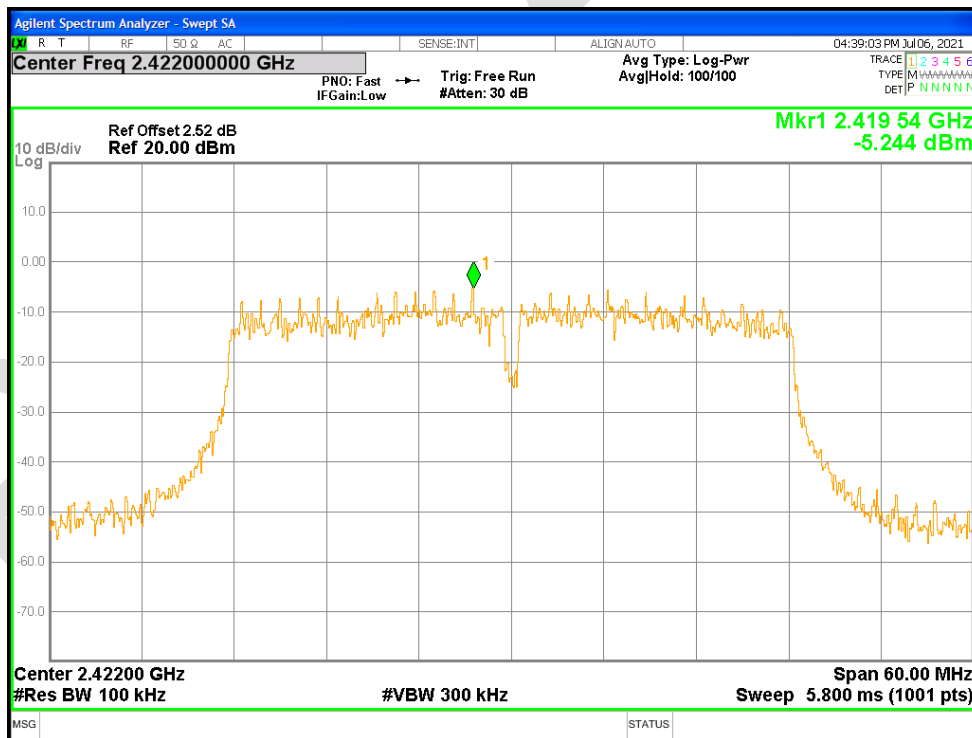
Band Edge NVNT n20 2462MHz Ant2 Ref



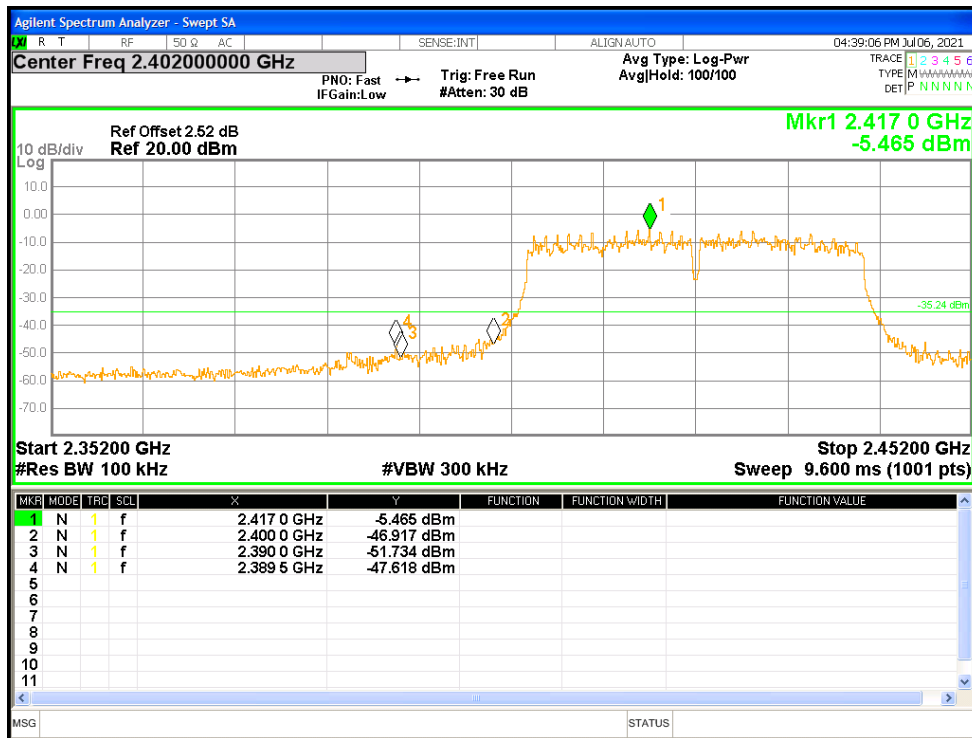
Band Edge NVNT n20 2462MHz Ant2 Emission



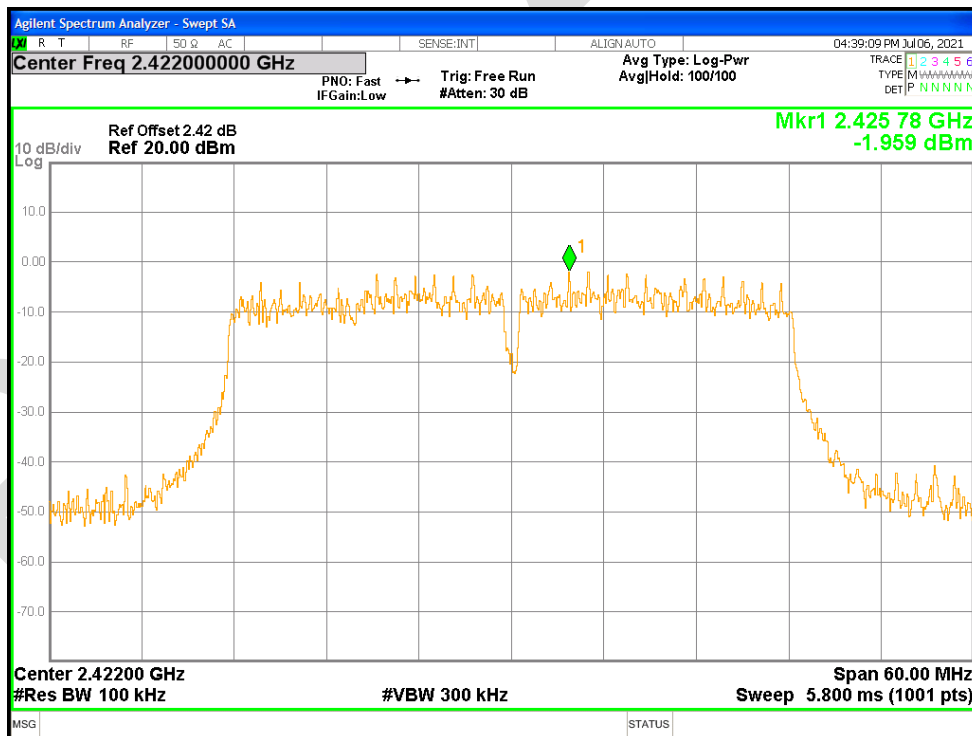
Band Edge NVNT n40 2422MHz Ant1 Ref



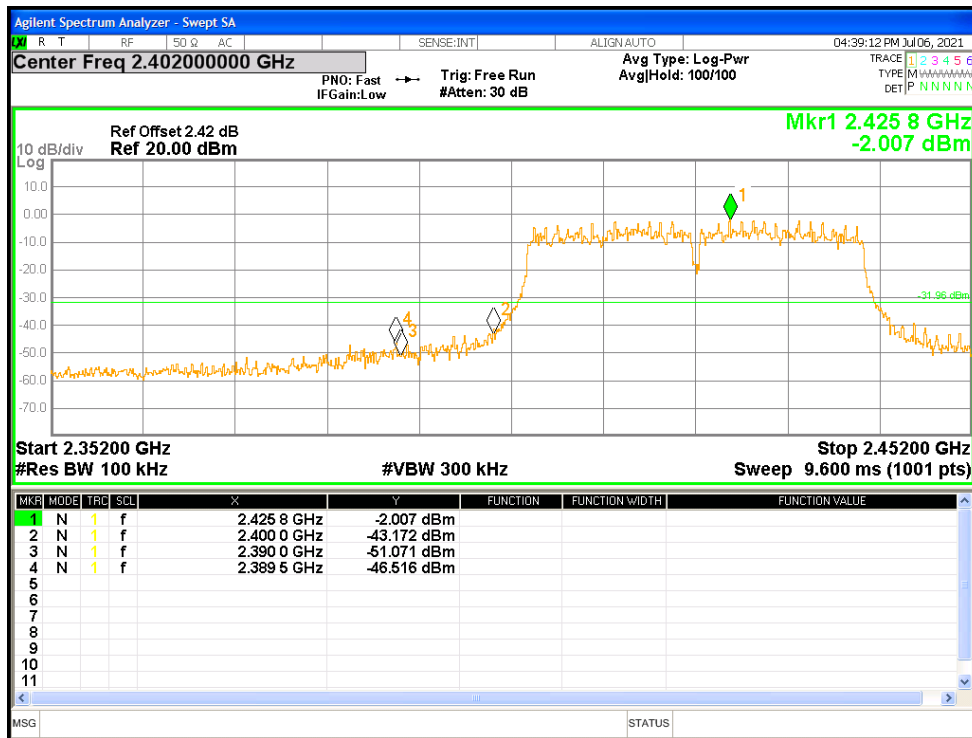
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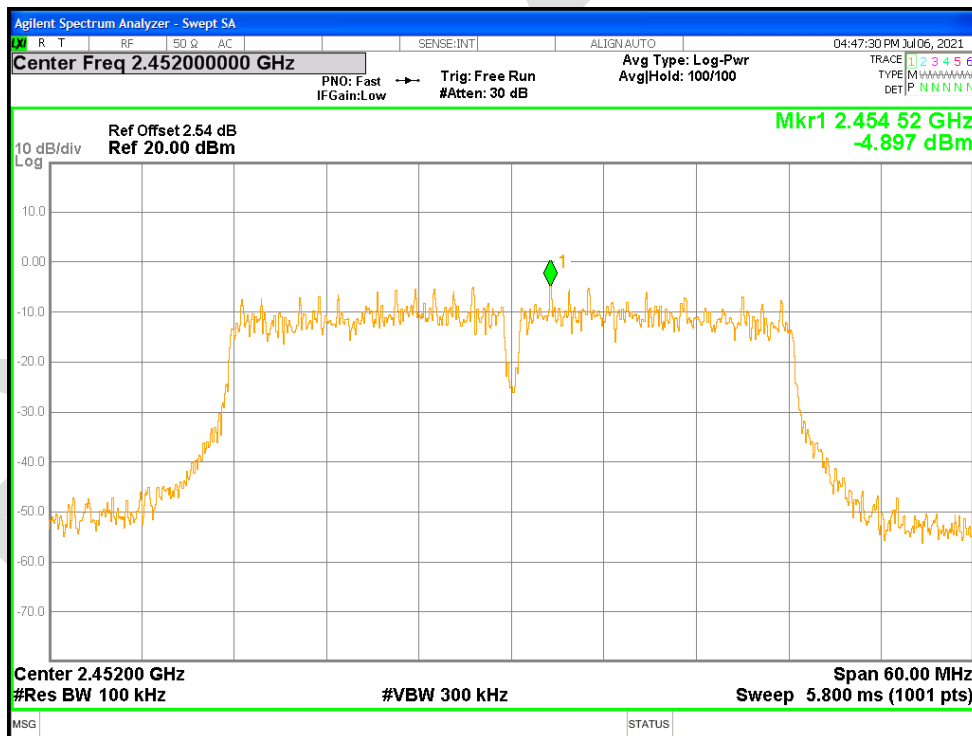
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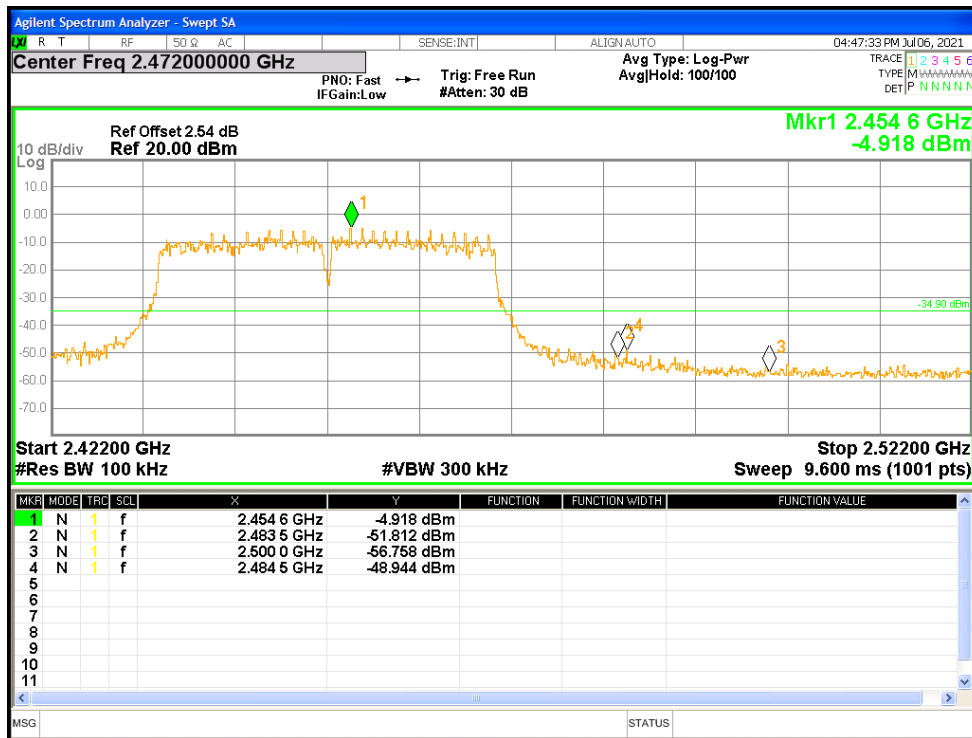
Band Edge NVNT n40 2422MHz Ant2 Emission



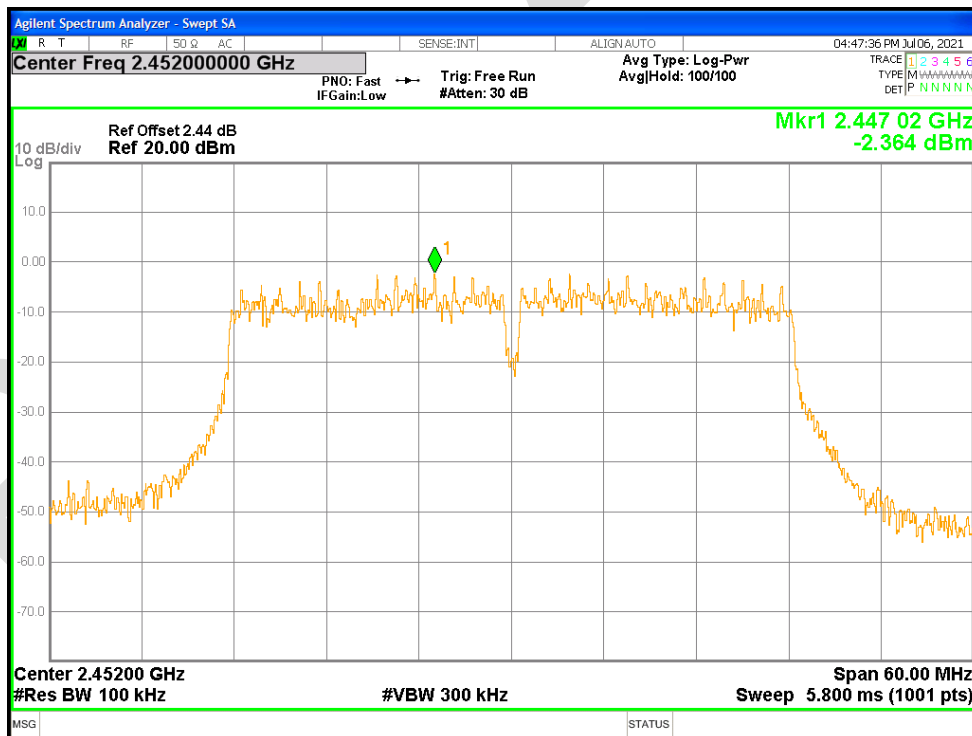
Band Edge NVNT n40 2452MHz Ant1 Ref



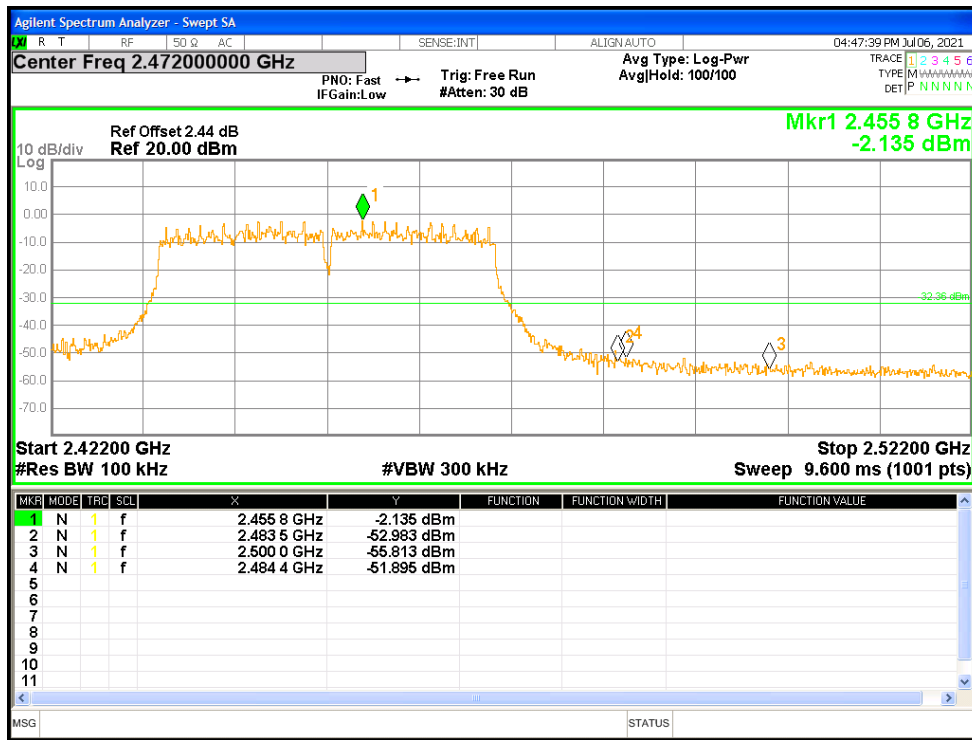
Band Edge NVNT n40 2452MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant2 Ref



Band Edge NVNT n40 2452MHz Ant2 Emission

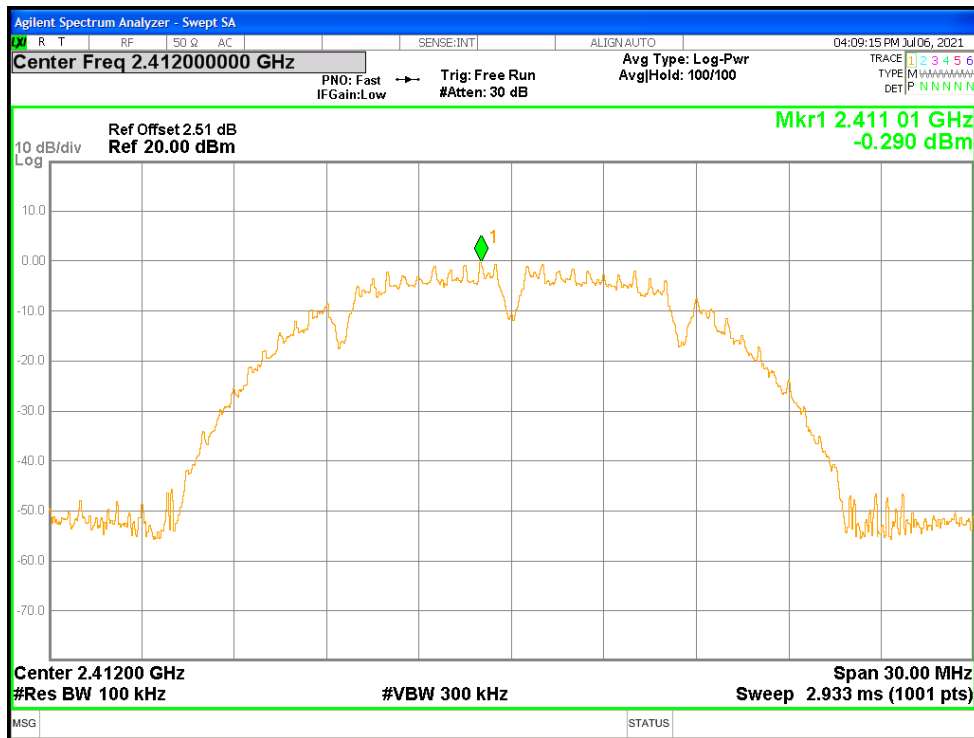




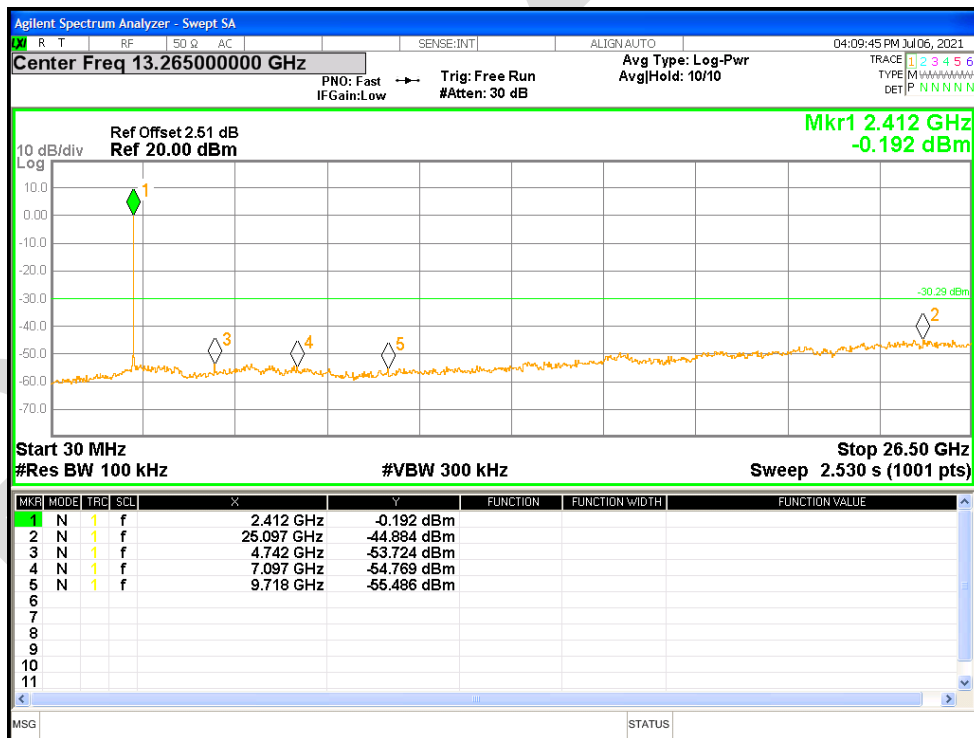
**20.6 CONDUCTED RF SPURIOUS EMISSION**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.59	-30	Pass
NVNT	b	2412	Ant2	-47.93	-30	Pass
NVNT	b	2437	Ant1	-44.72	-30	Pass
NVNT	b	2437	Ant2	-48.19	-30	Pass
NVNT	b	2462	Ant1	-44.65	-30	Pass
NVNT	b	2462	Ant2	-48.81	-30	Pass
NVNT	g	2412	Ant1	-41.86	-30	Pass
NVNT	g	2412	Ant2	-43.33	-30	Pass
NVNT	g	2437	Ant1	-41.09	-30	Pass
NVNT	g	2437	Ant2	-44.55	-30	Pass
NVNT	g	2462	Ant1	-40.95	-30	Pass
NVNT	g	2462	Ant2	-44.59	-30	Pass
NVNT	n20	2412	Ant1	-42.51	-30	Pass
NVNT	n20	2412	Ant2	-44.72	-30	Pass
NVNT	n20	2437	Ant1	-42.53	-30	Pass
NVNT	n20	2437	Ant2	-44.48	-30	Pass
NVNT	n20	2462	Ant1	-43.28	-30	Pass
NVNT	n20	2462	Ant2	-45.98	-30	Pass
NVNT	n40	2422	Ant1	-39.37	-30	Pass
NVNT	n40	2422	Ant2	-42.58	-30	Pass
NVNT	n40	2437	Ant1	-40.13	-30	Pass
NVNT	n40	2437	Ant2	-43.37	-30	Pass
NVNT	n40	2452	Ant1	-39.02	-30	Pass
NVNT	n40	2452	Ant2	-43.16	-30	Pass

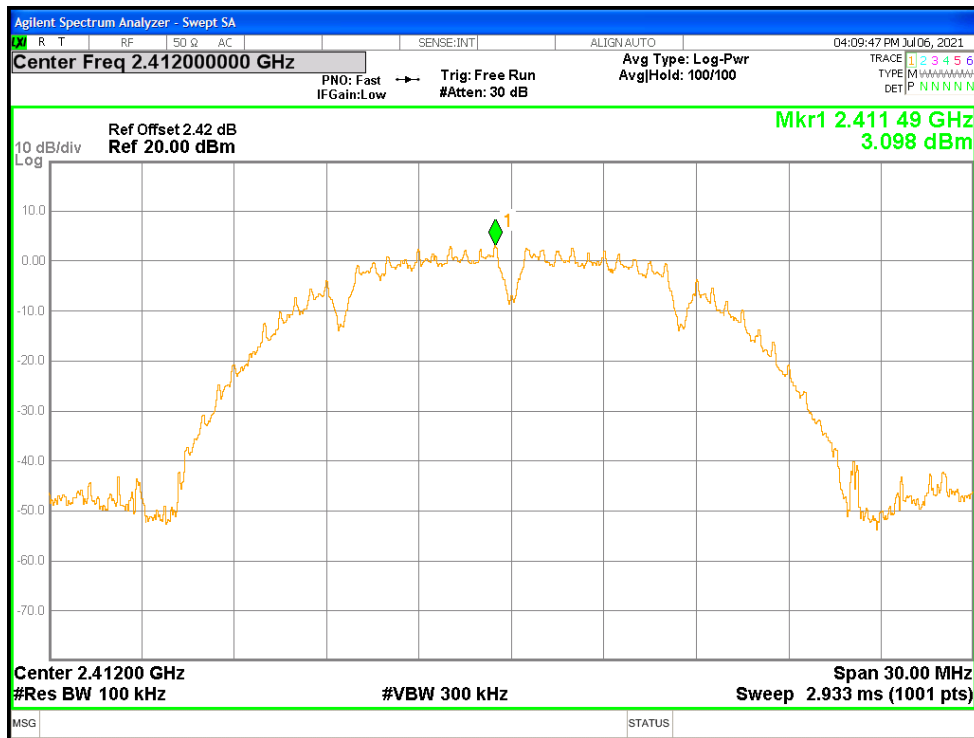
Tx. Spurious NVNT b 2412MHz Ant1 Ref



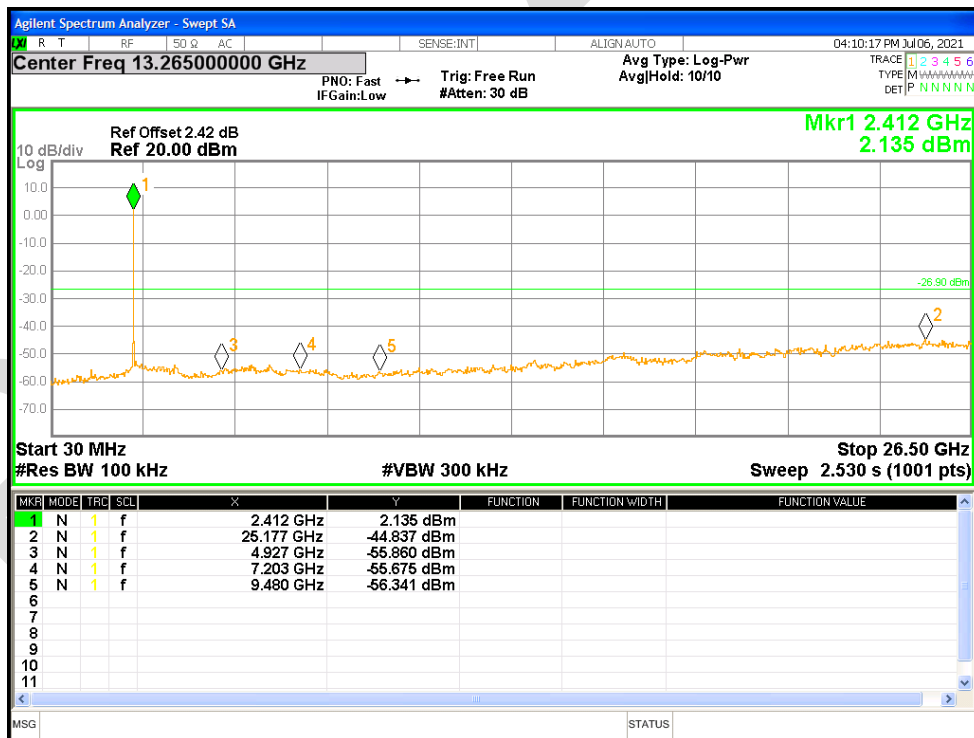
Tx. Spurious NVNT b 2412MHz Ant1 Emission



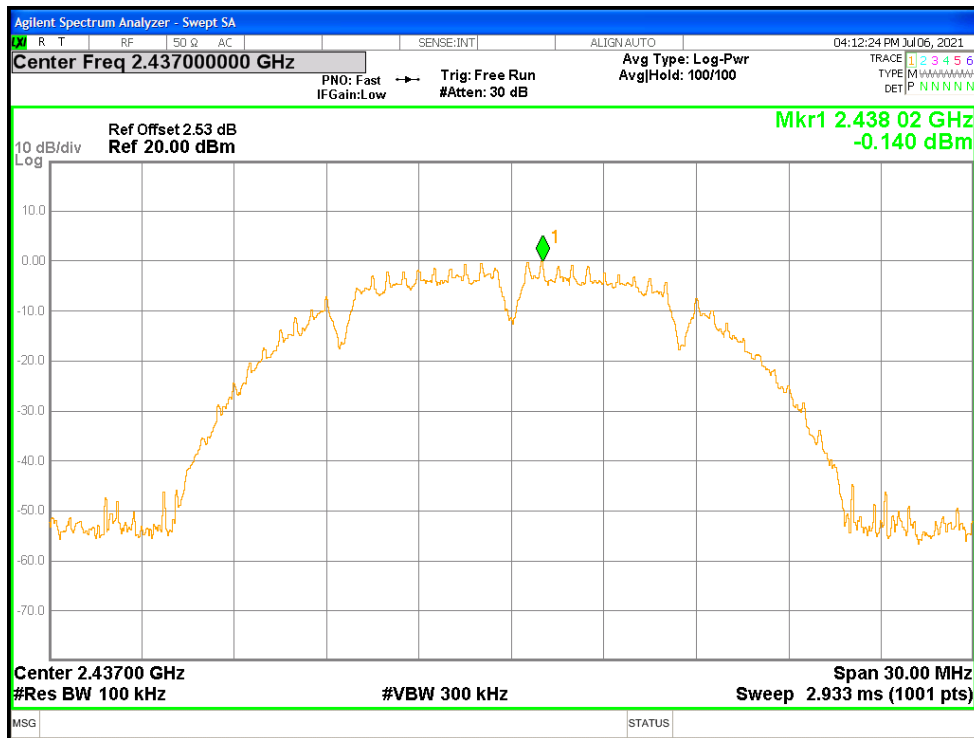
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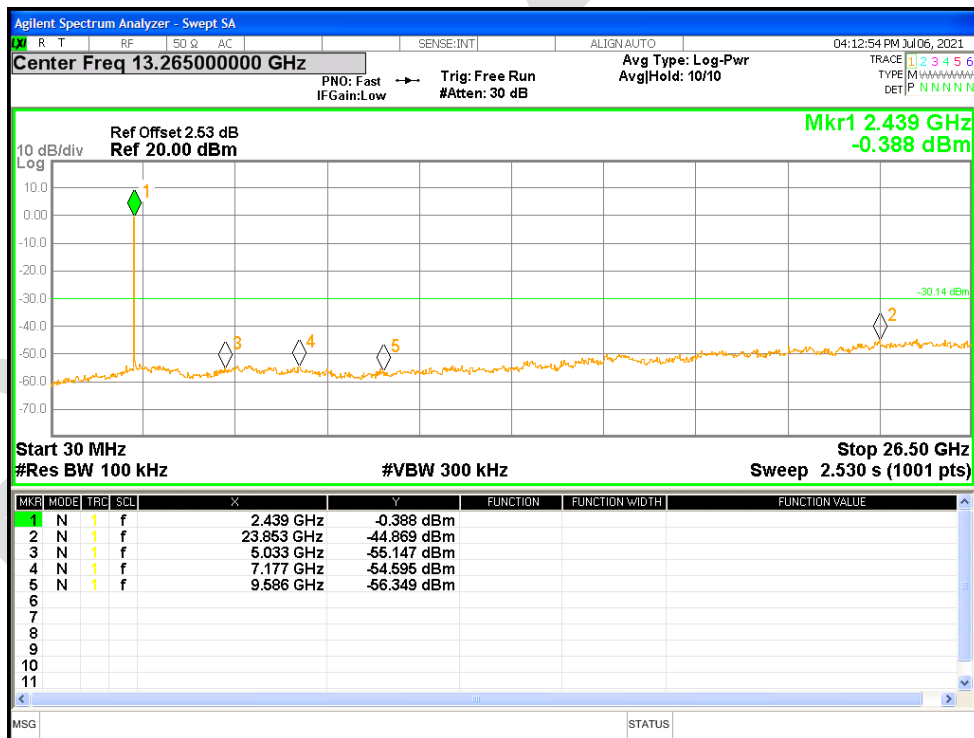
Tx. Spurious NVNT b 2412MHz Ant2 Emission



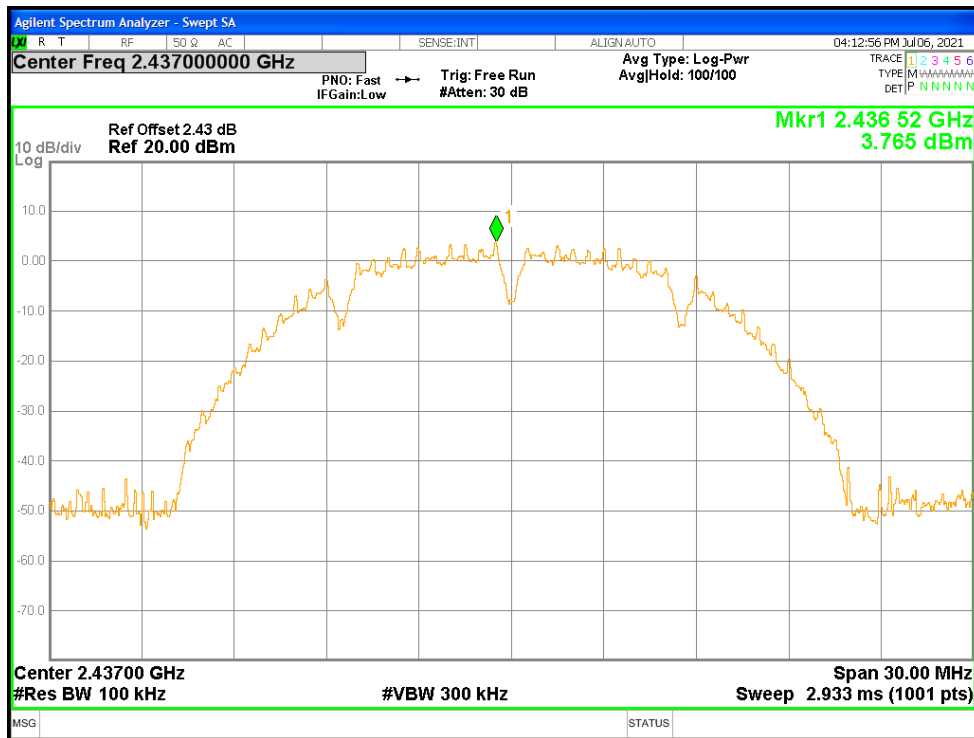
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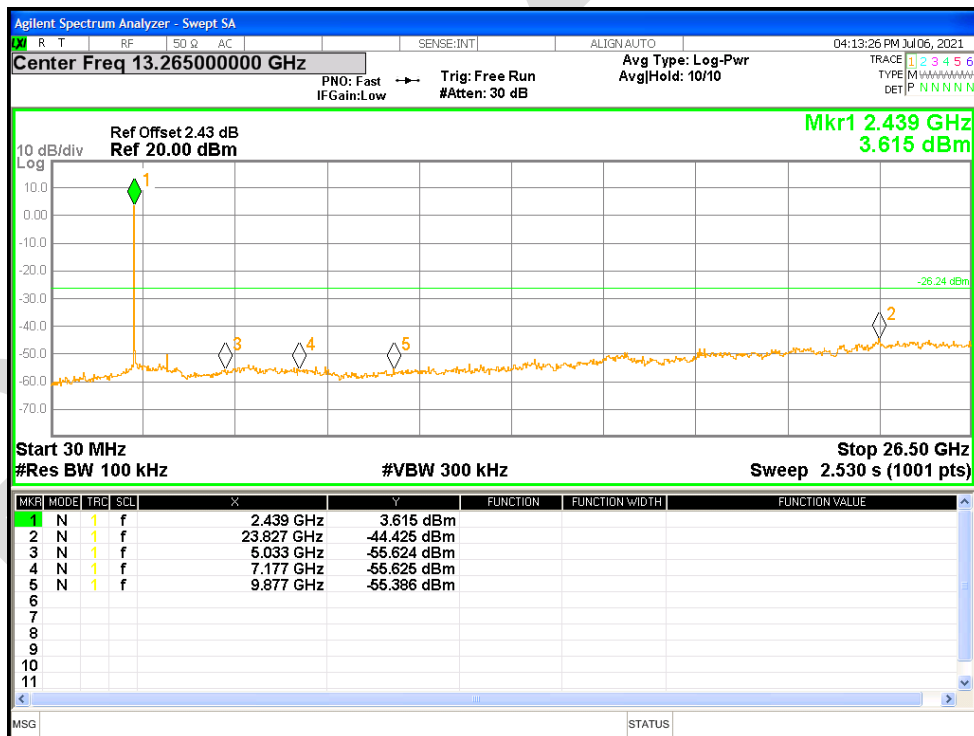
Tx. Spurious NVNT b 2437MHz Ant1 Emission



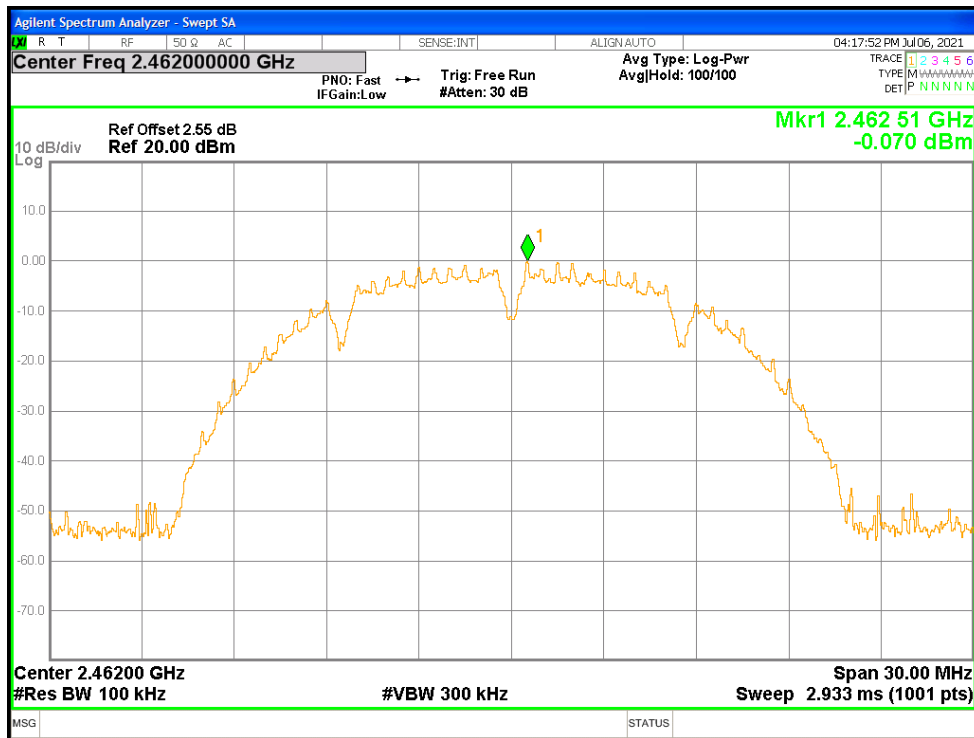
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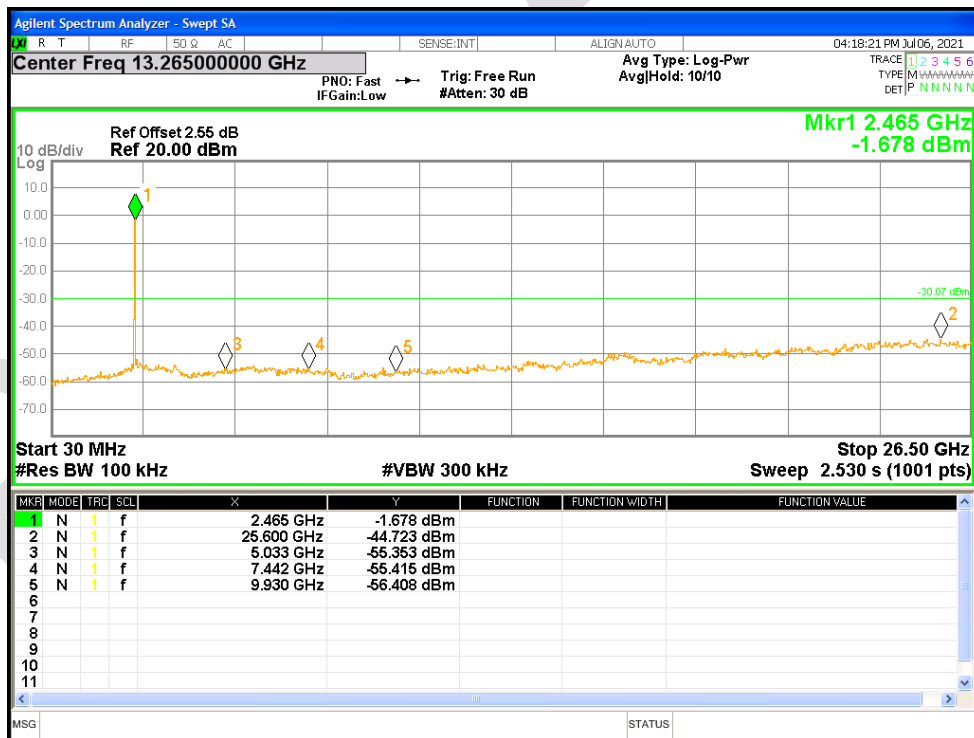
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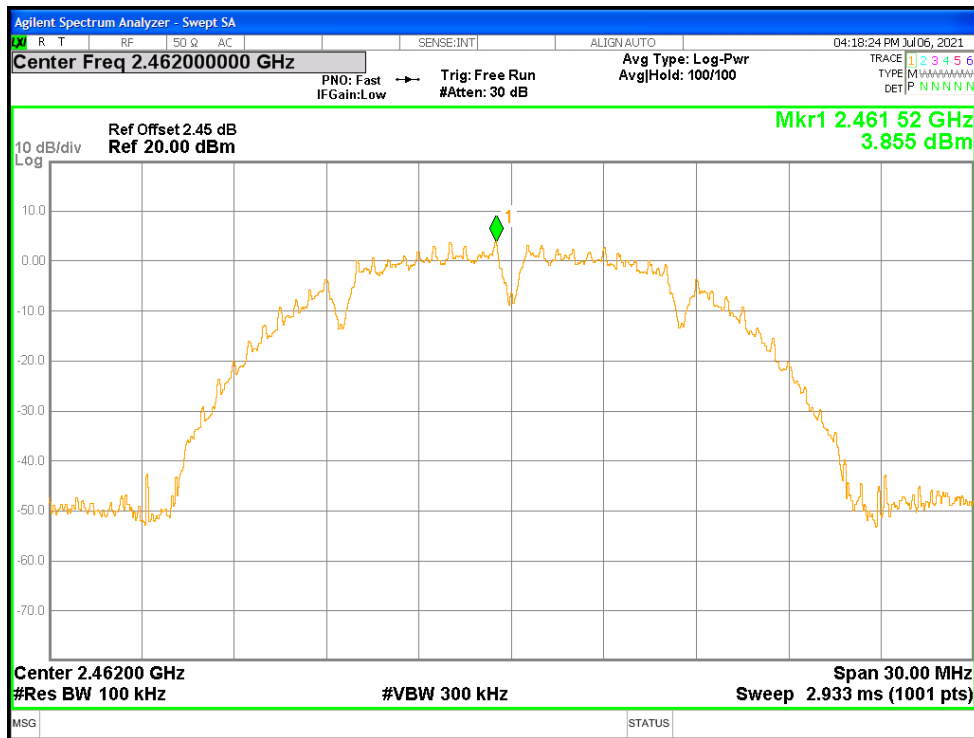
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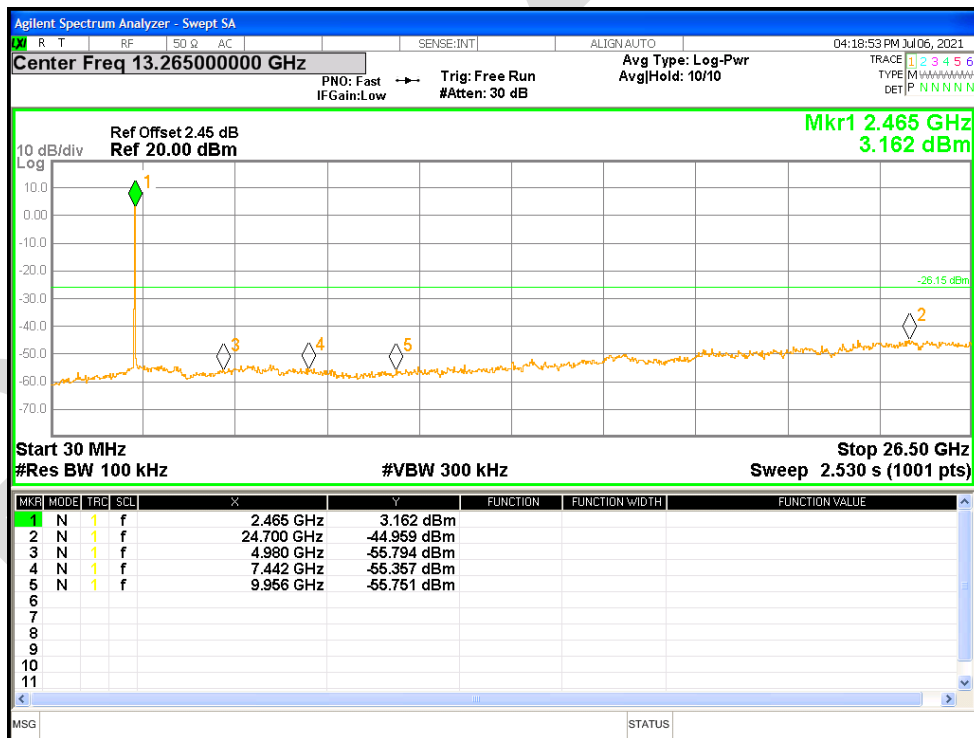
Tx. Spurious NVNT b 2462MHz Ant1 Emission



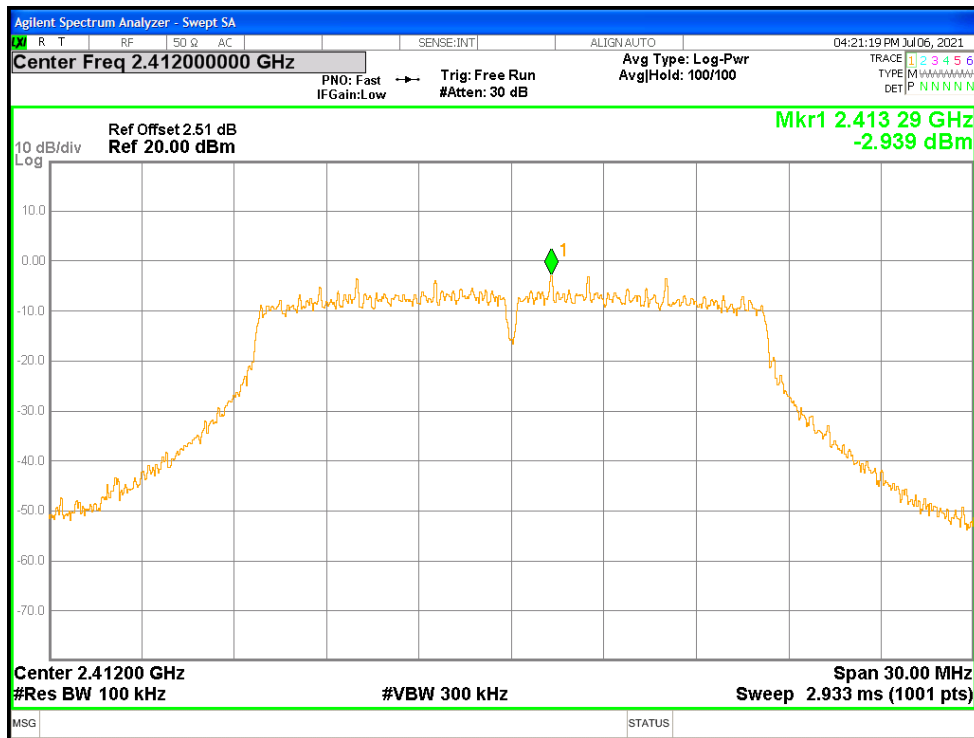
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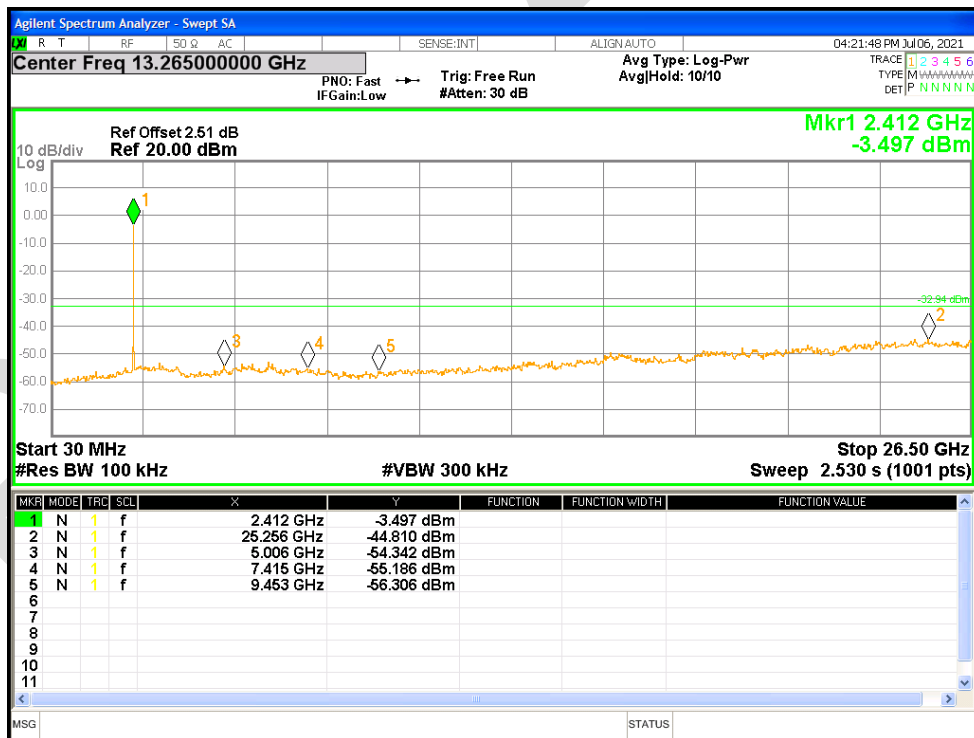
Tx. Spurious NVNT b 2462MHz Ant2 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref

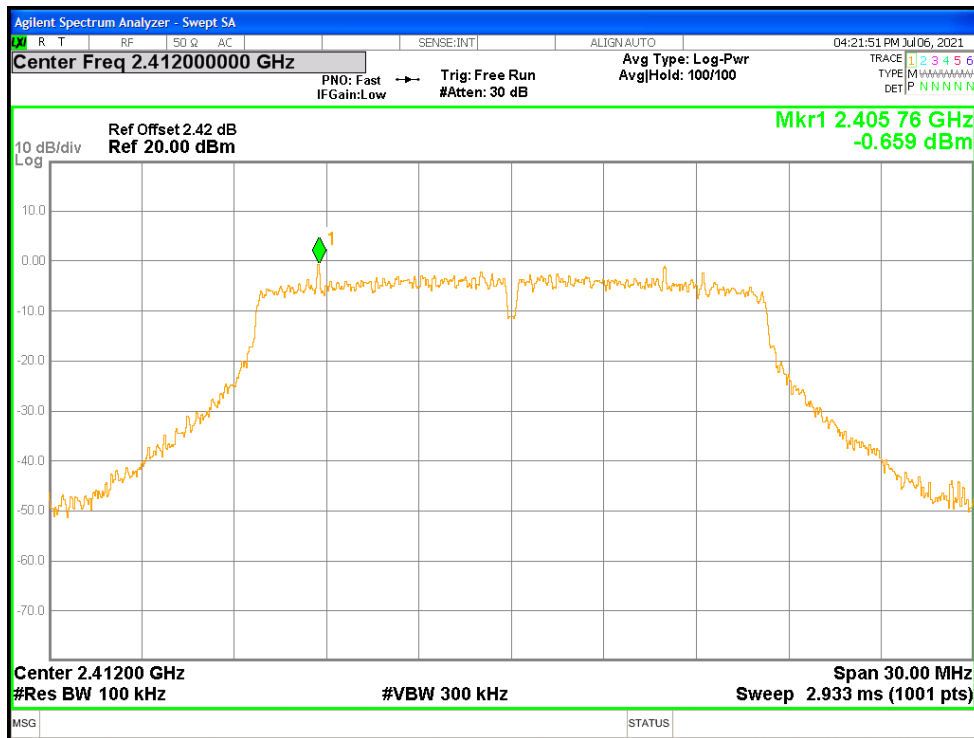


Tx. Spurious NVNT g 2412MHz Ant1 Emission

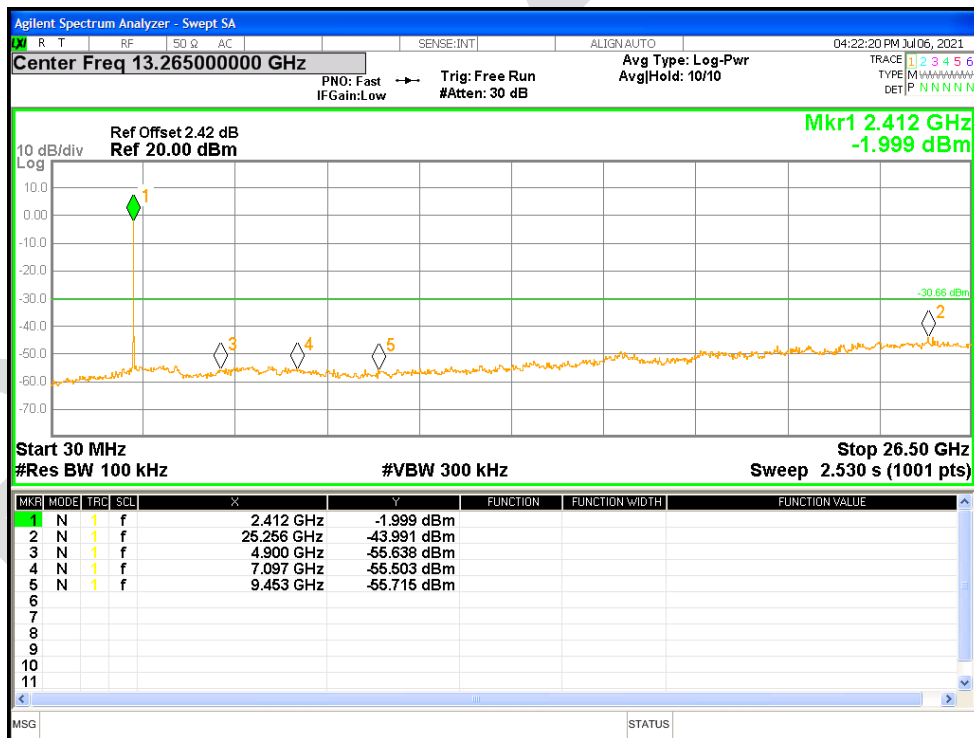


Tx. Spurious NVNT g 2412MHz Ant2 Ref

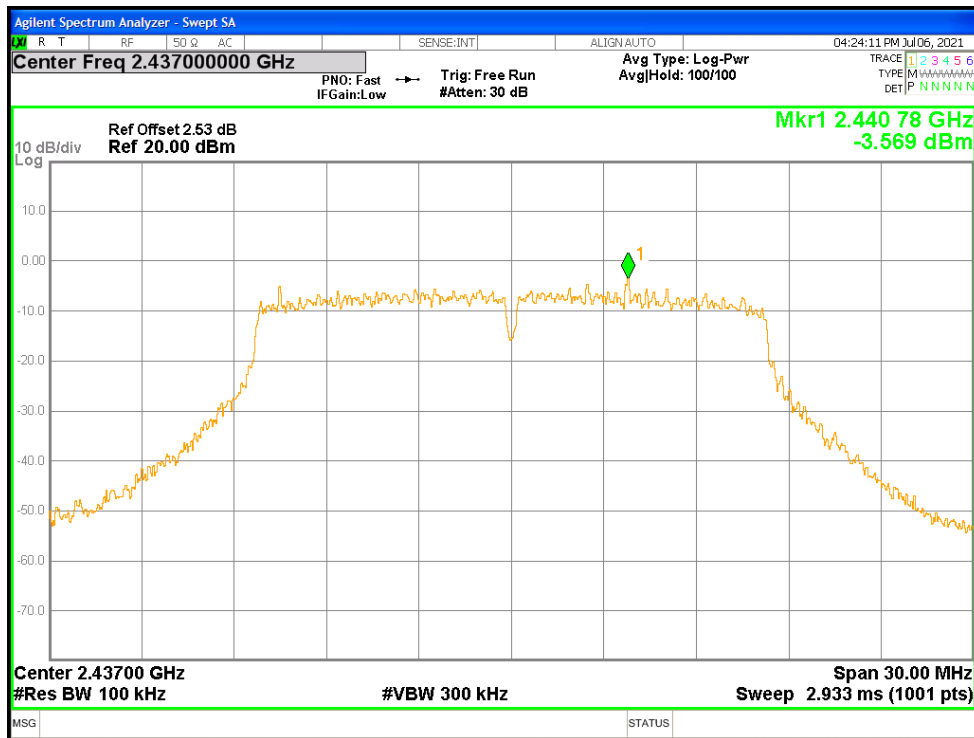




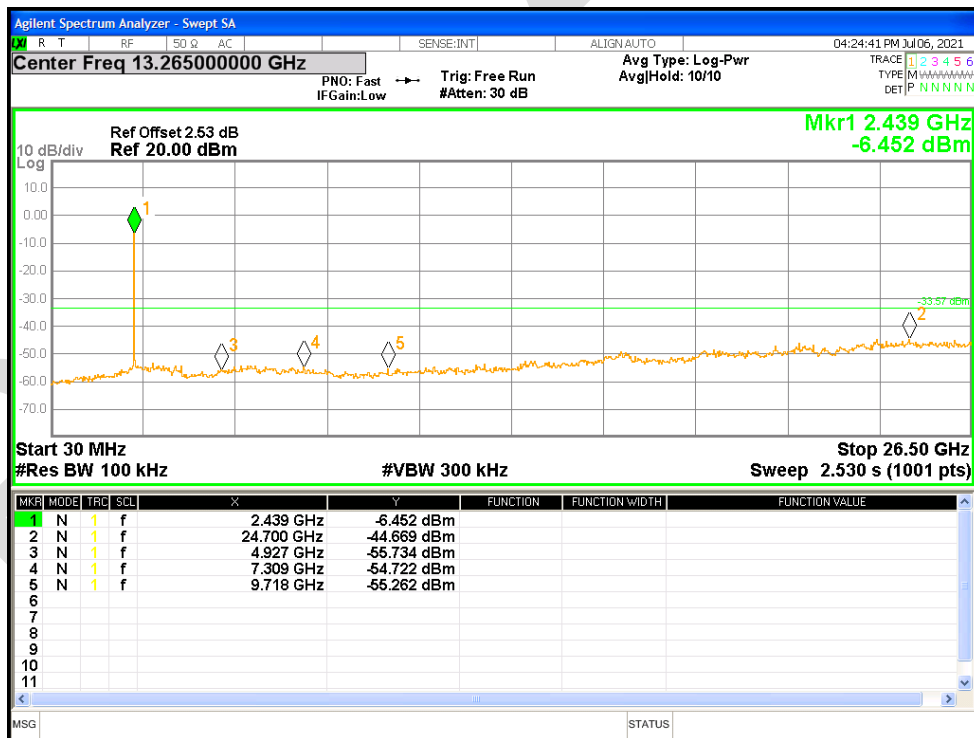
Tx. Spurious NVNT g 2412MHz Ant2 Emission



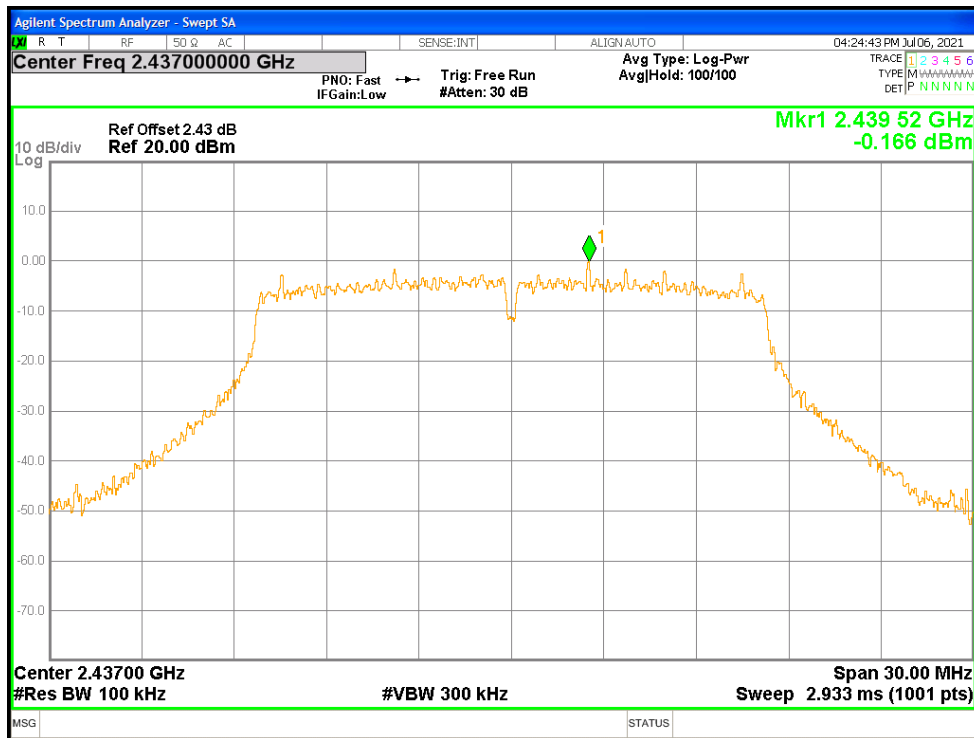
Tx. Spurious NVNT g 2437MHz Ant1 Ref



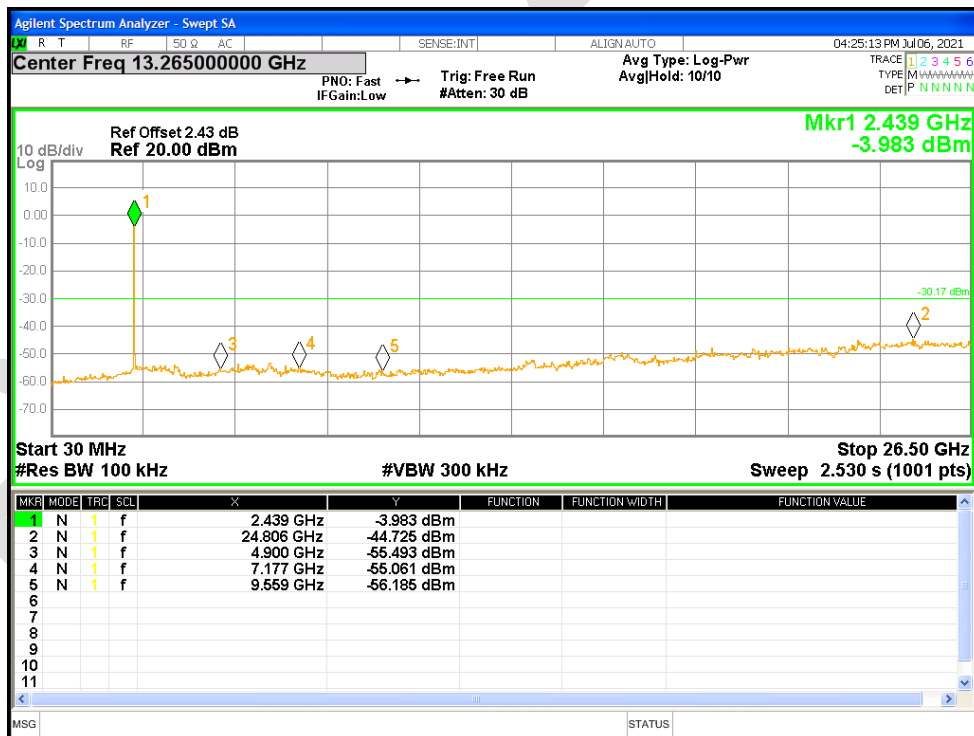
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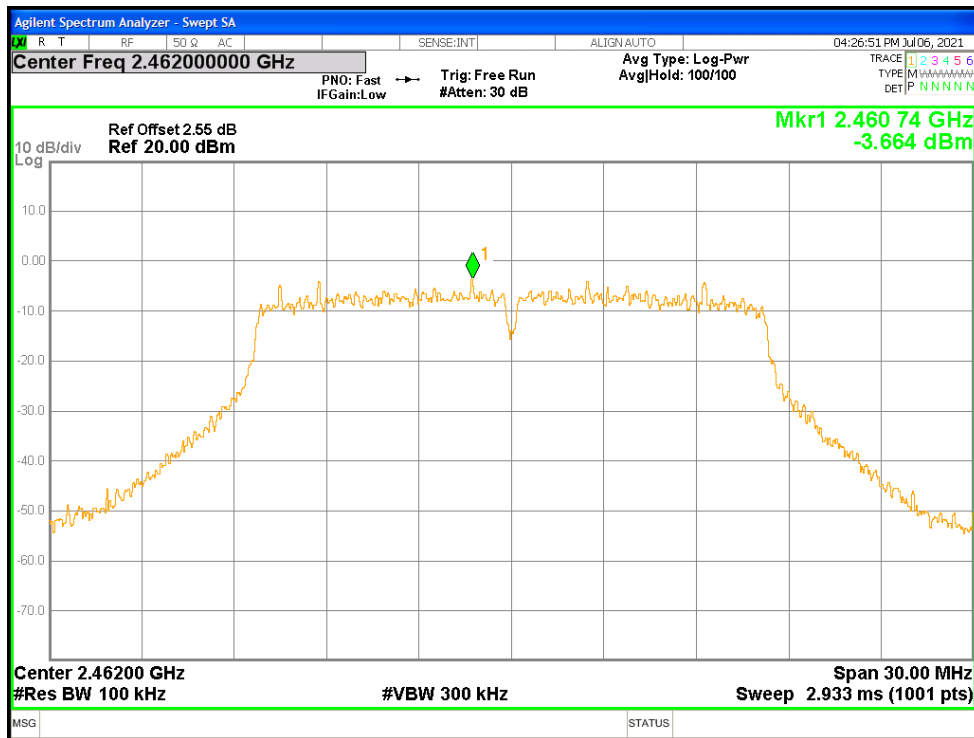
Tx. Spurious NVNT g 2437MHz Ant2 Ref



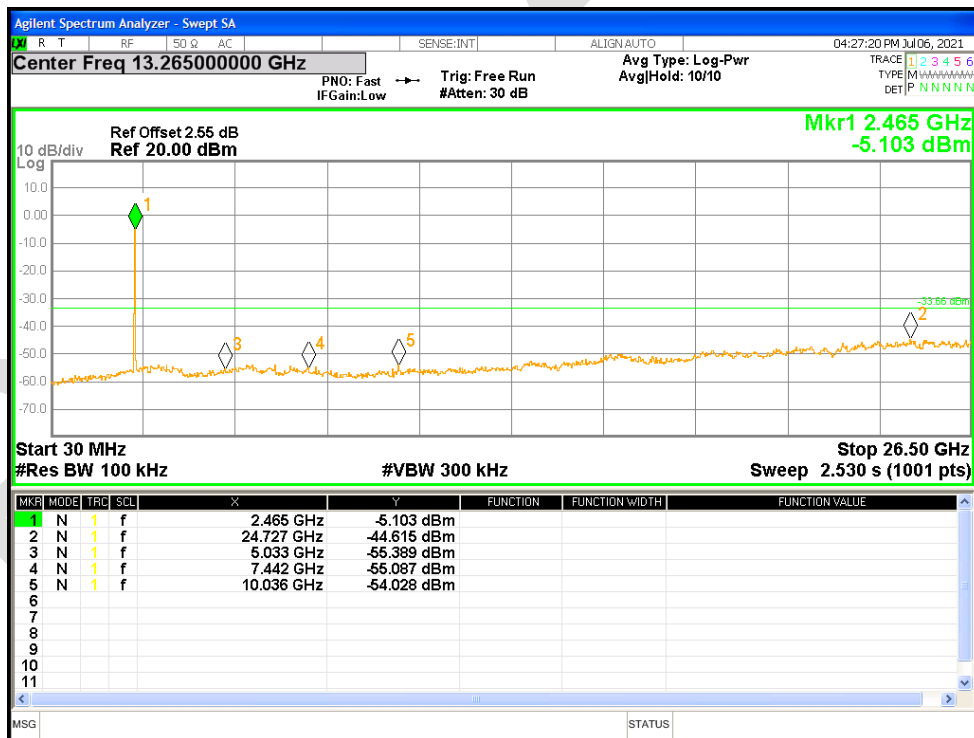
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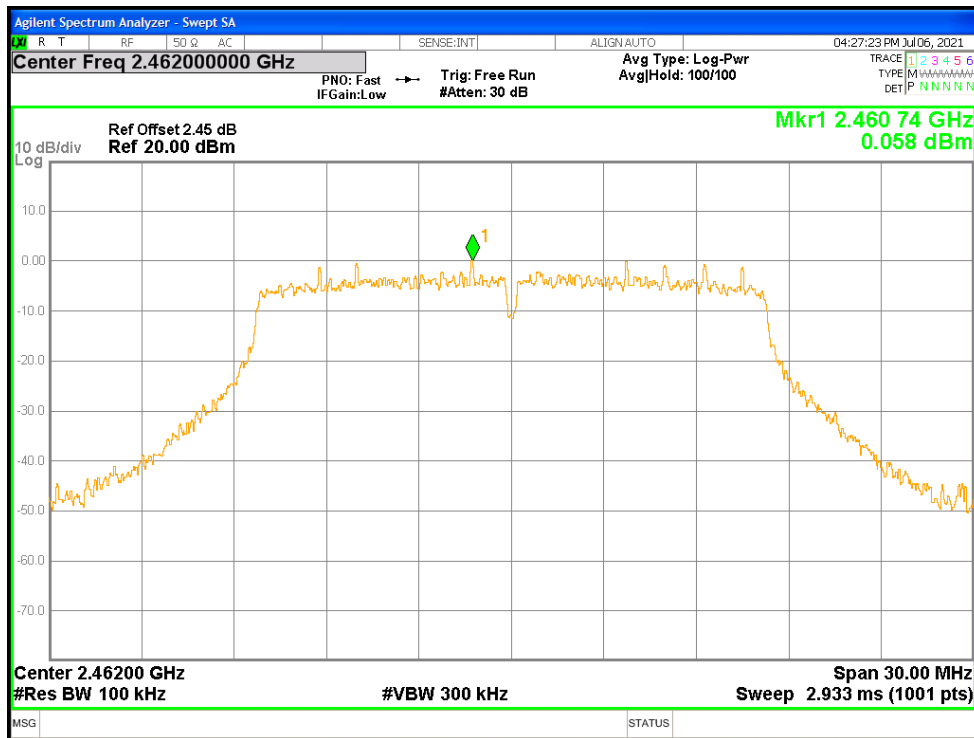
Tx. Spurious NVNT g 2462MHz Ant1 Ref



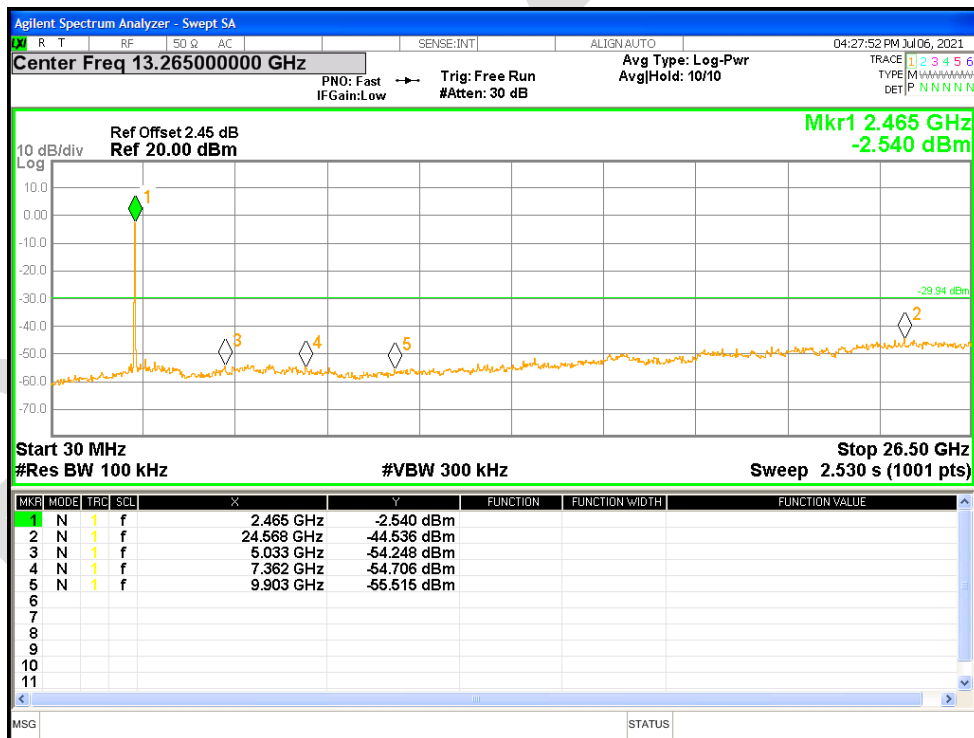
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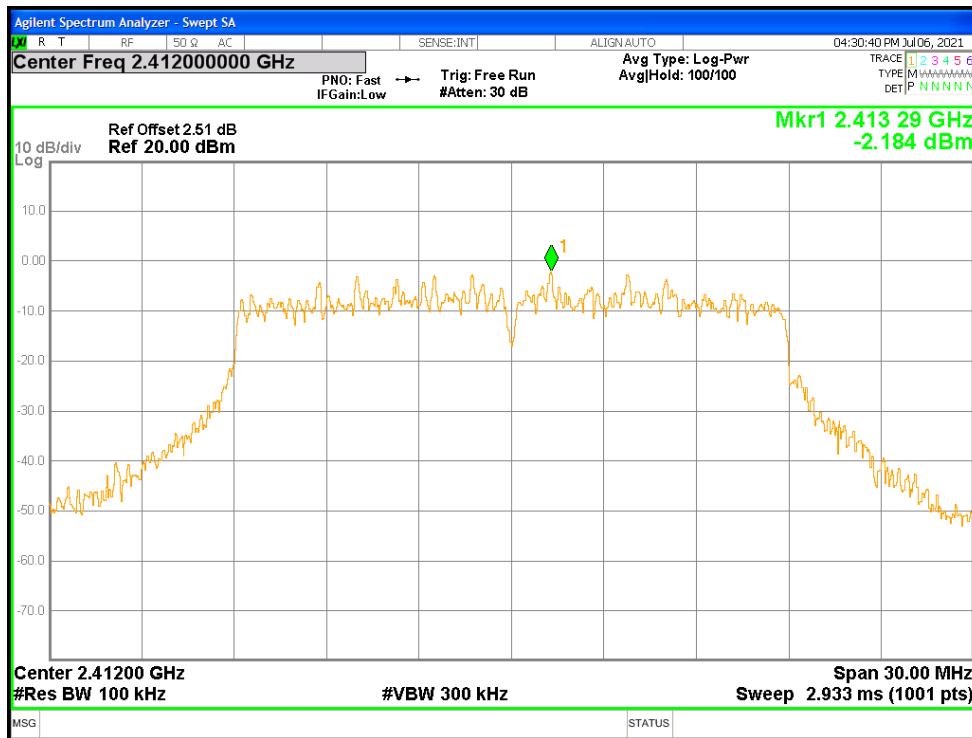
Tx. Spurious NVNT g 2462MHz Ant2 Ref



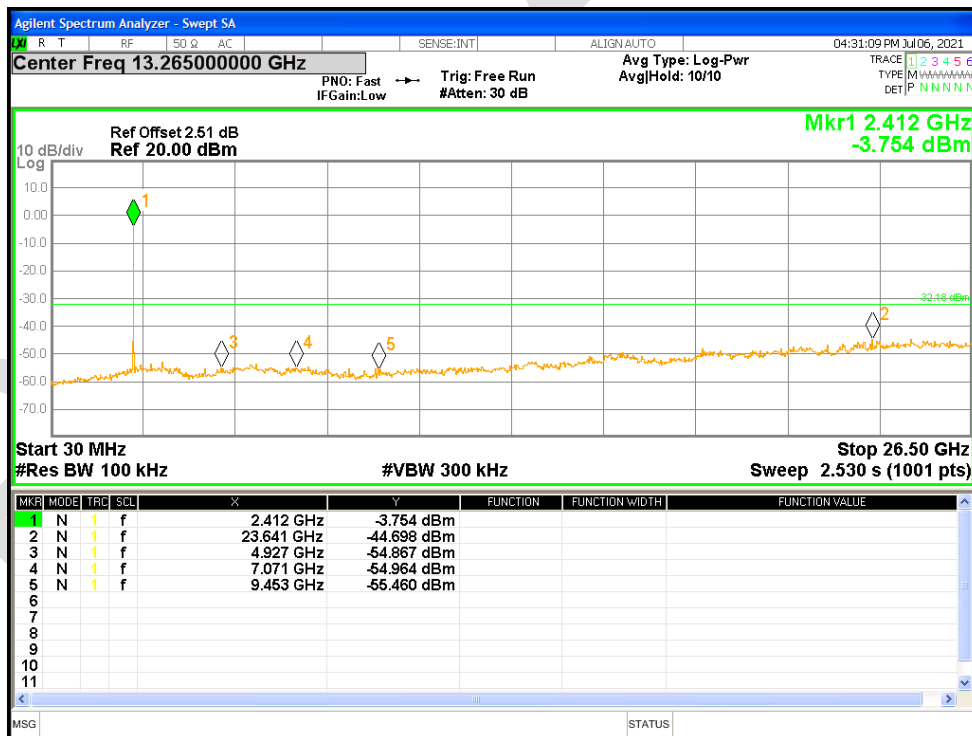
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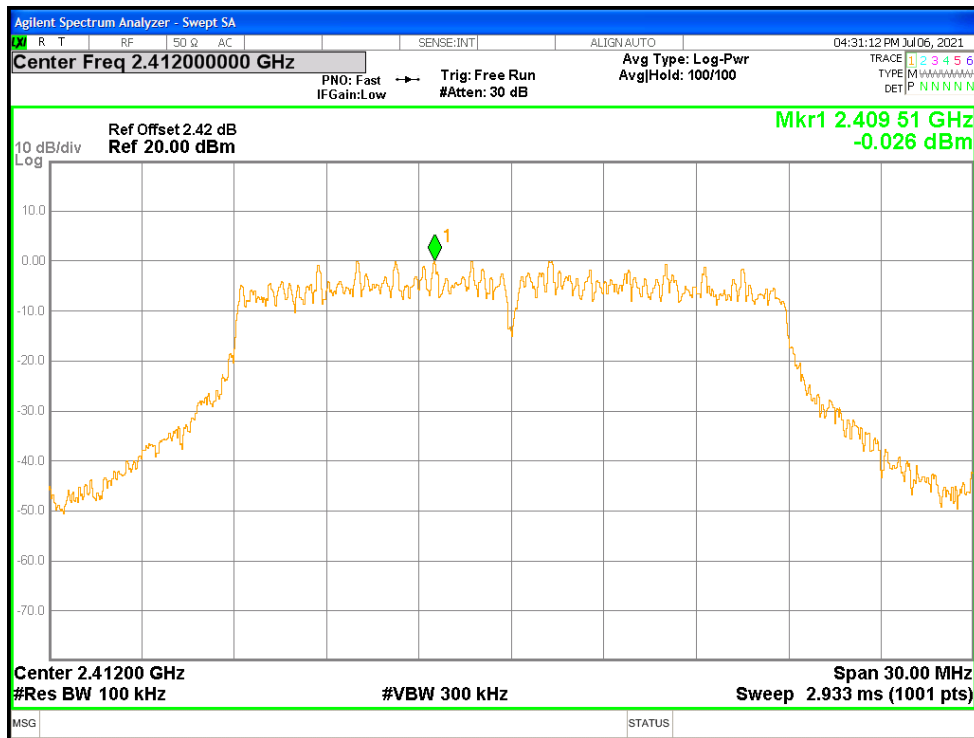
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



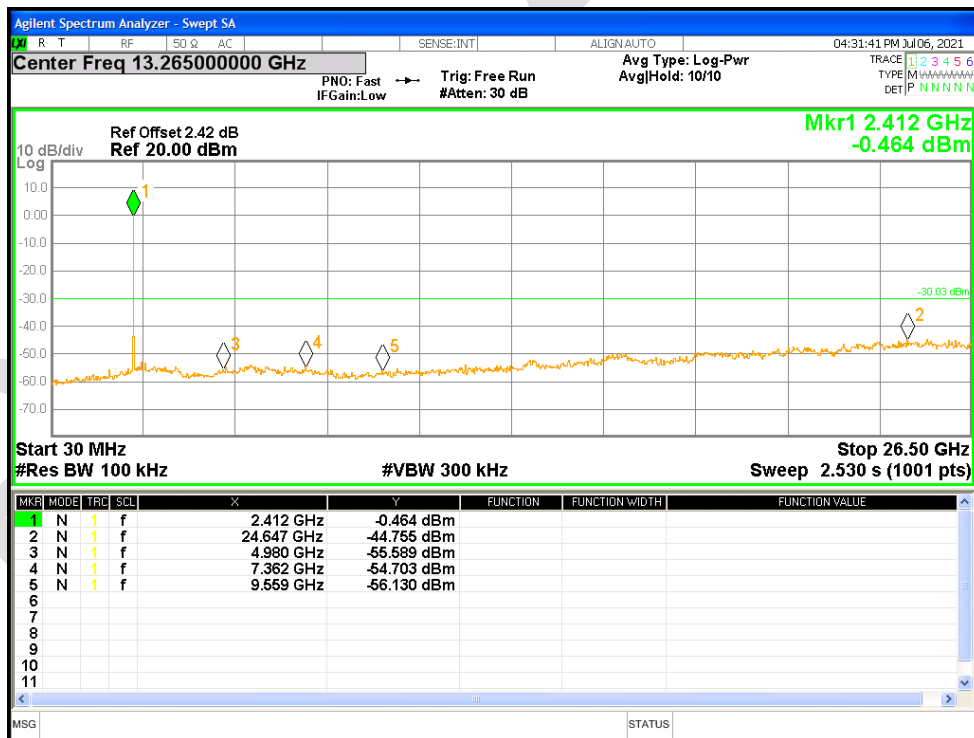
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



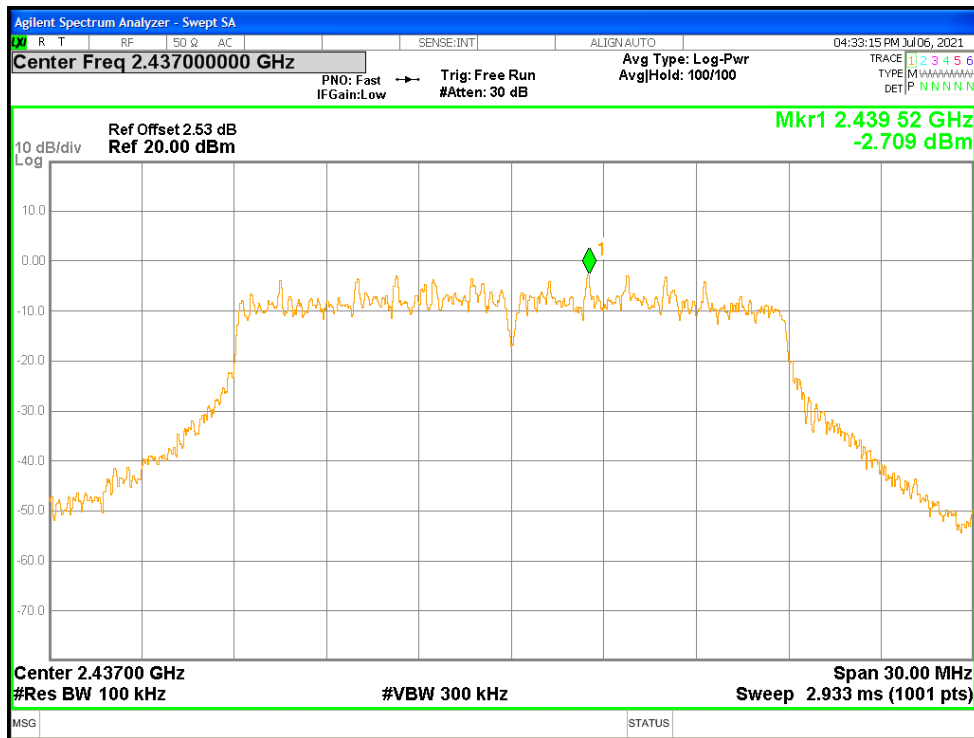
Tx. Spurious NVNT n20 2412MHz Ant2 Ref



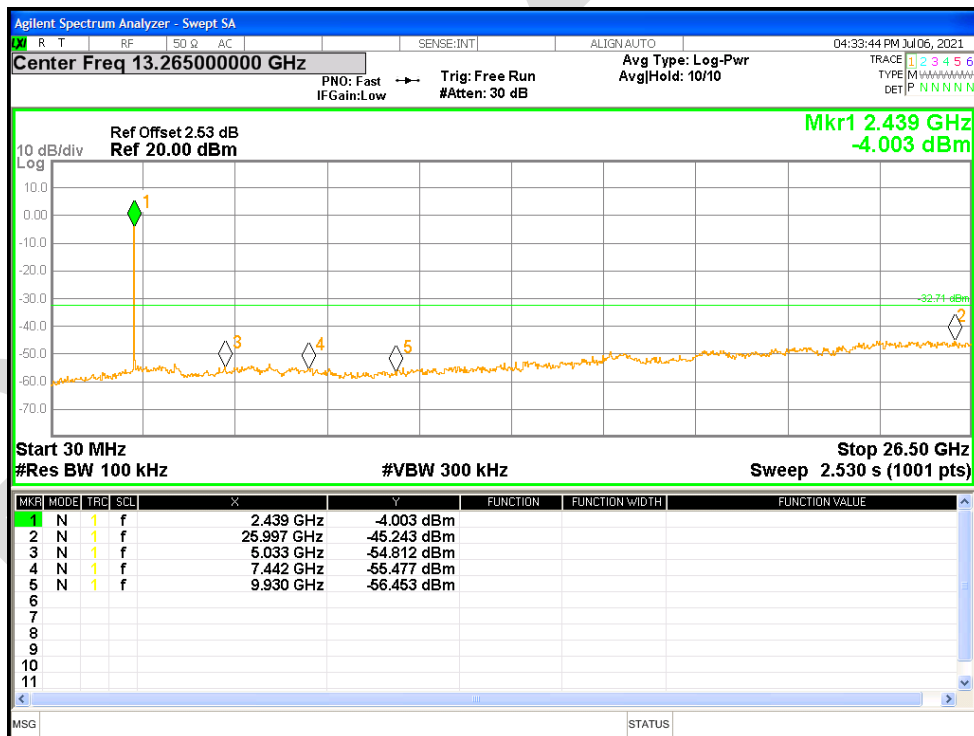
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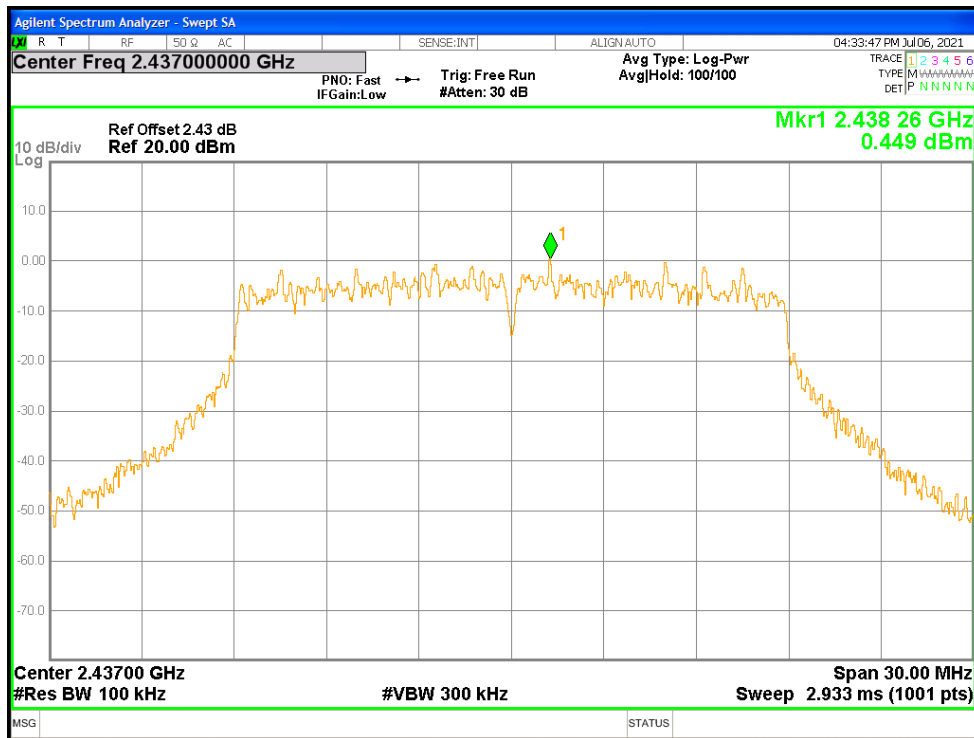


Tx. Spurious NVNT n20 2437MHz Ant1 Emission

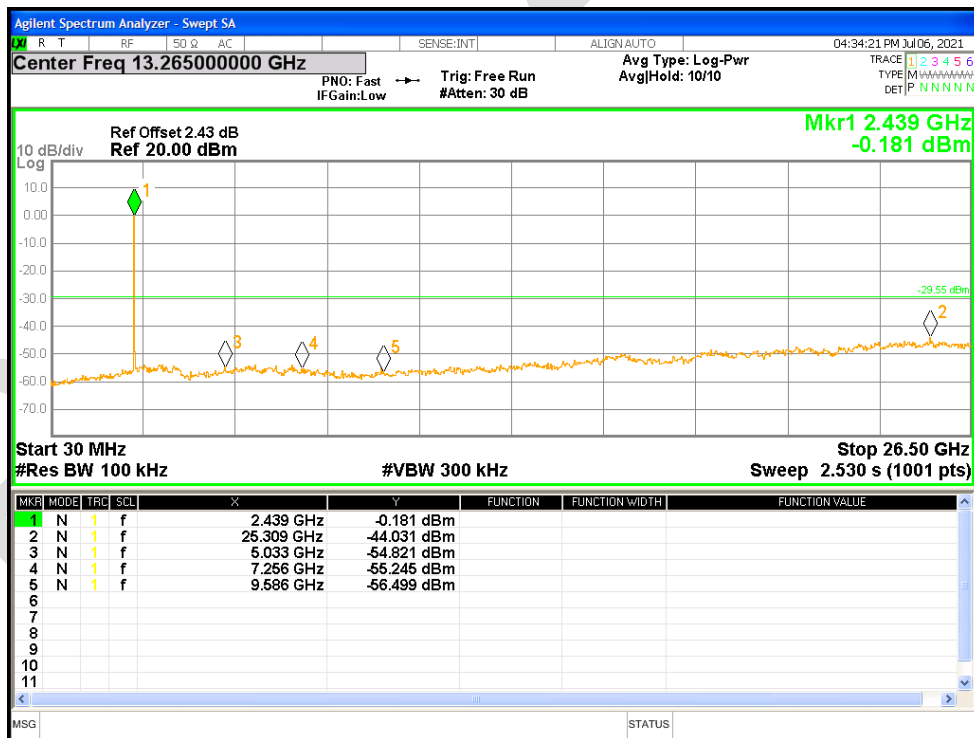


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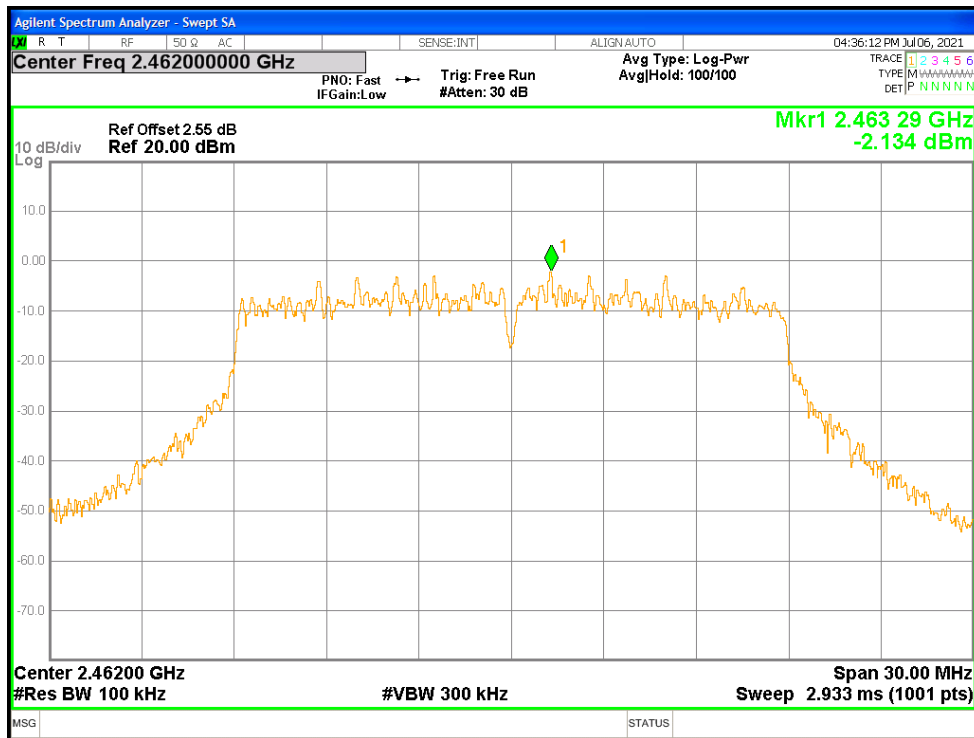




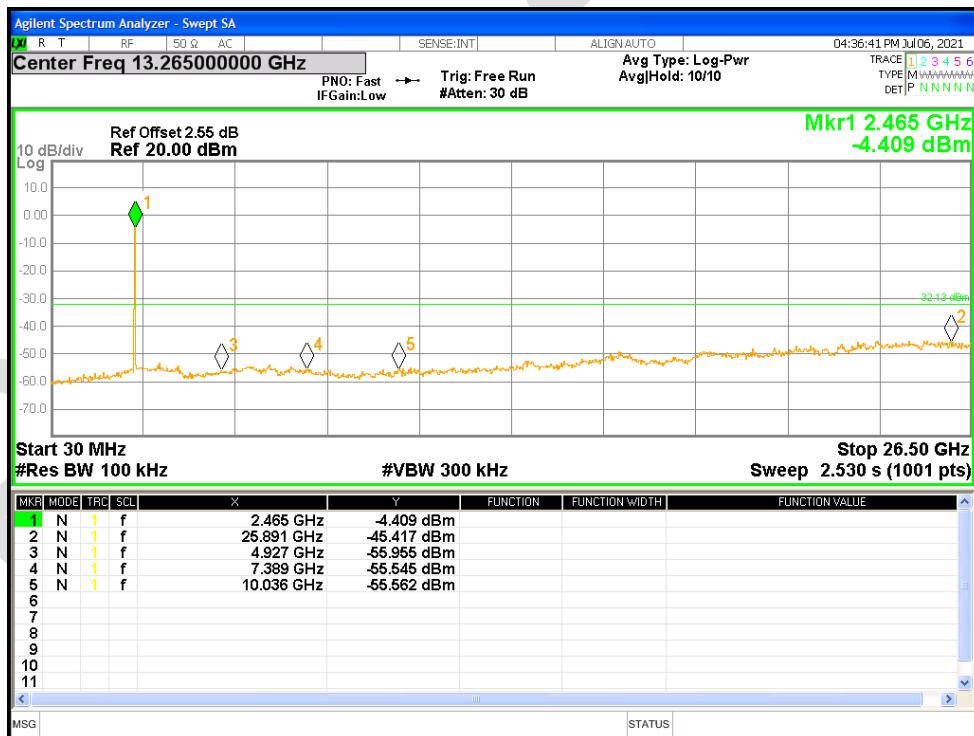
Tx. Spurious NVNT n20 2437MHz Ant2 Emission



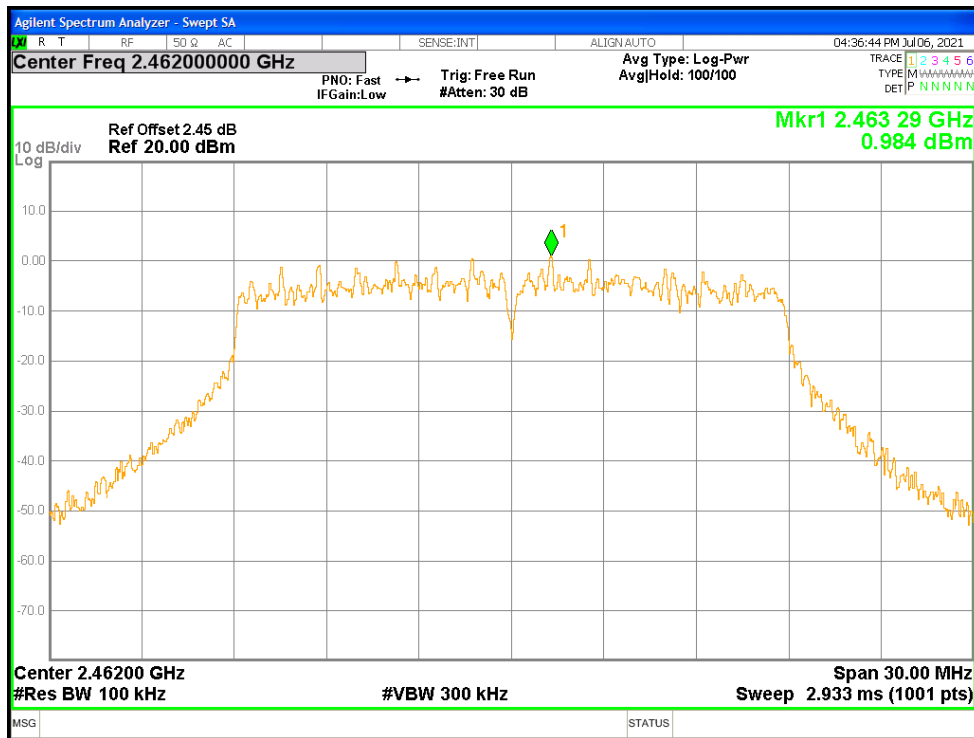
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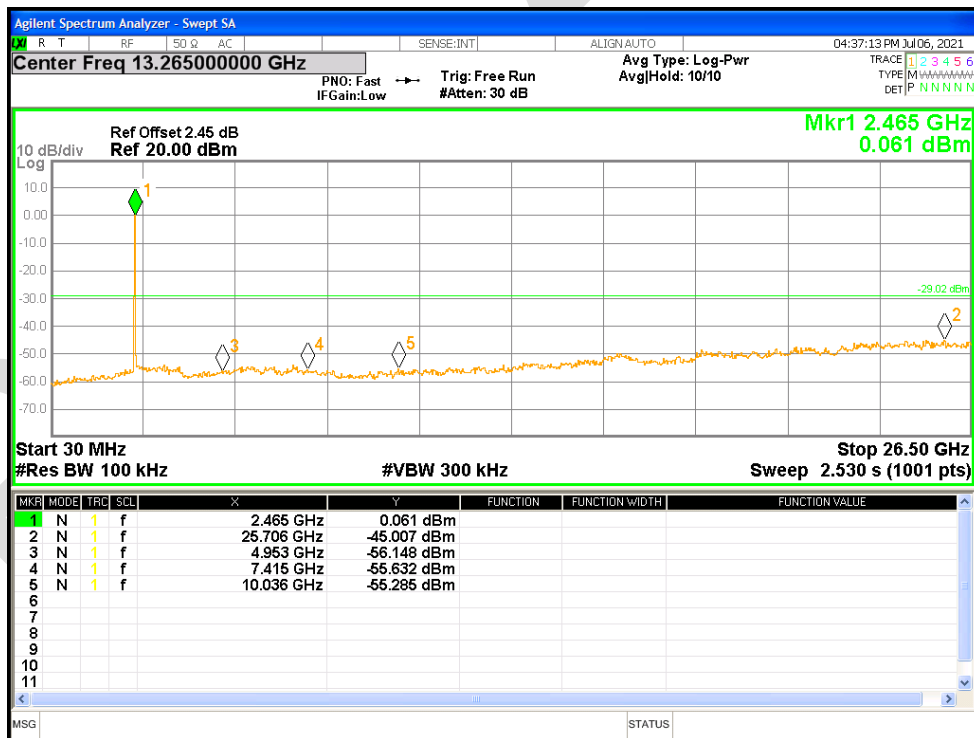
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



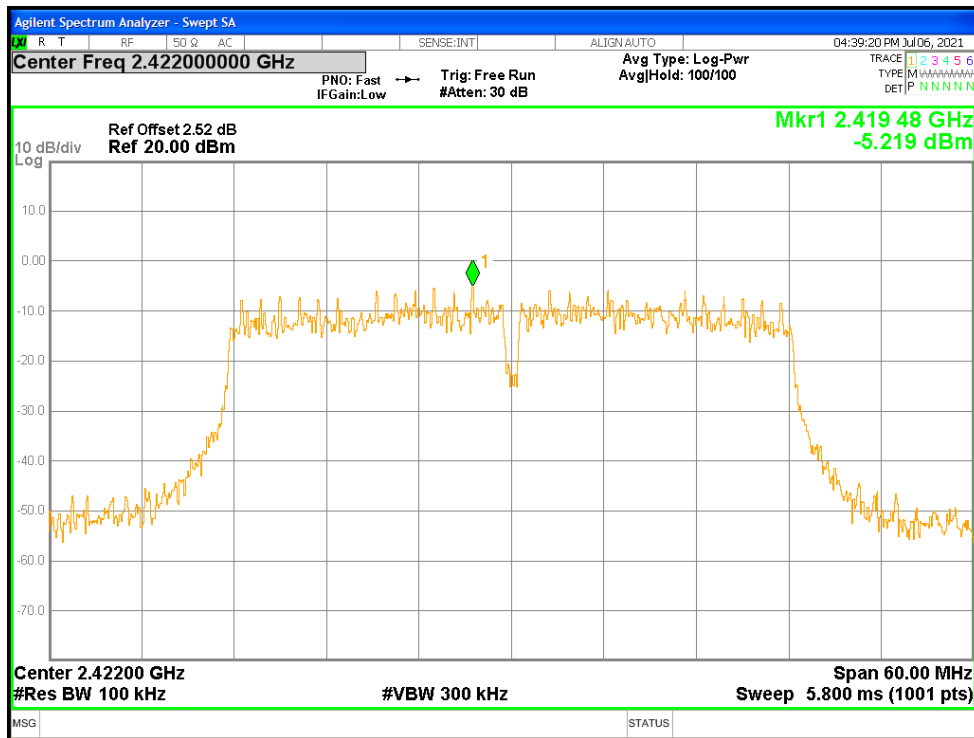
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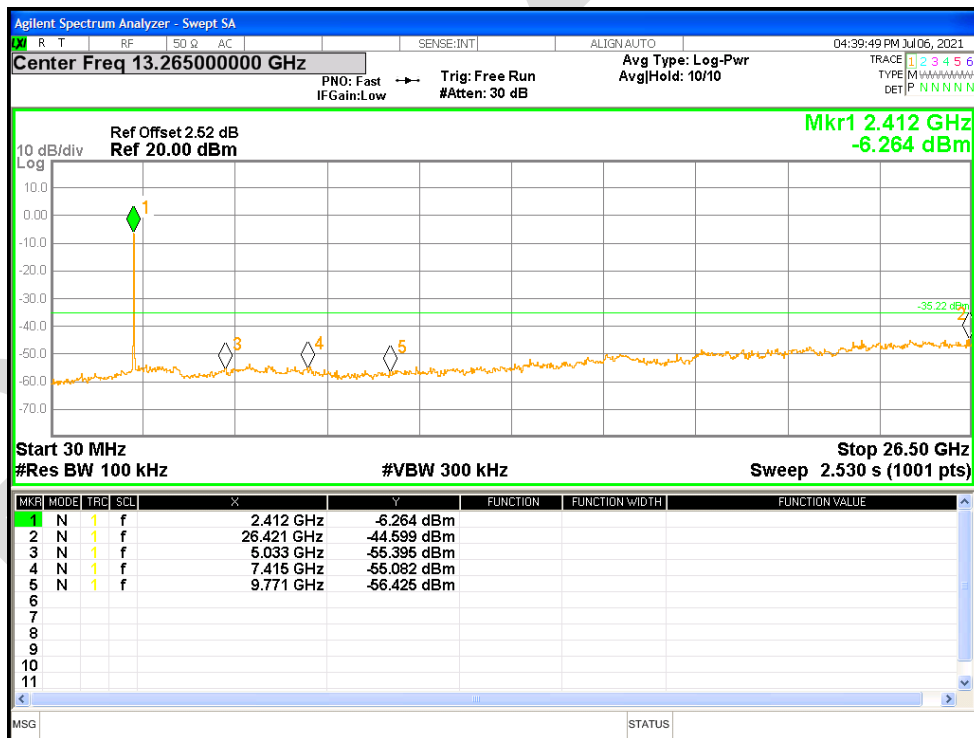
Tx. Spurious NVNT n20 2462MHz Ant2 Emission



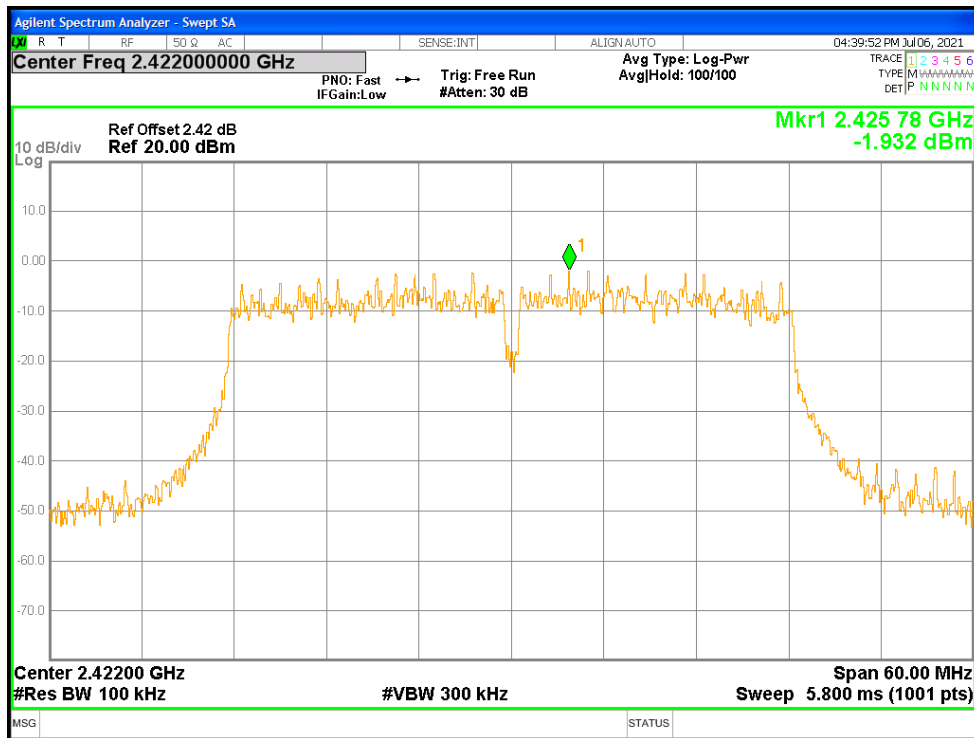
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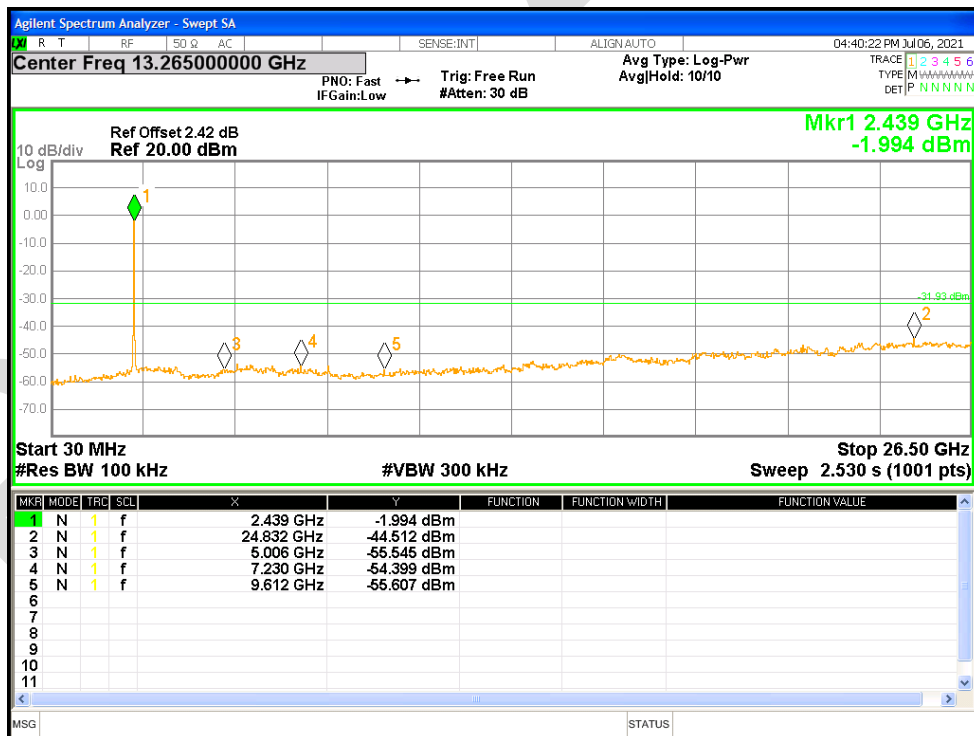
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



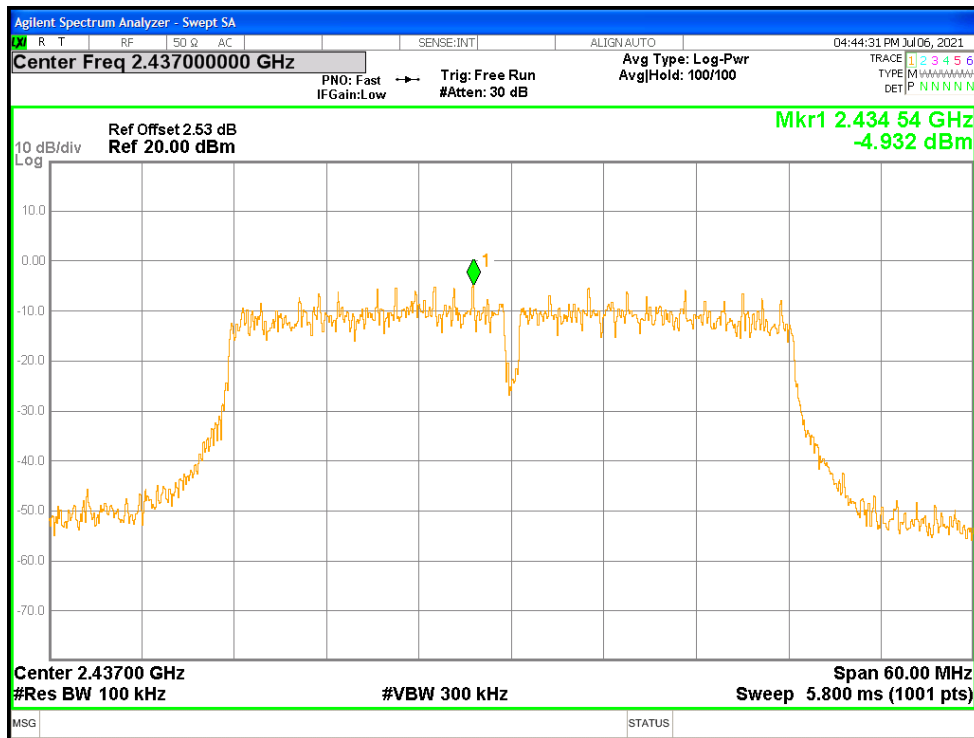
Tx. Spurious NVNT n40 2422MHz Ant2 Ref



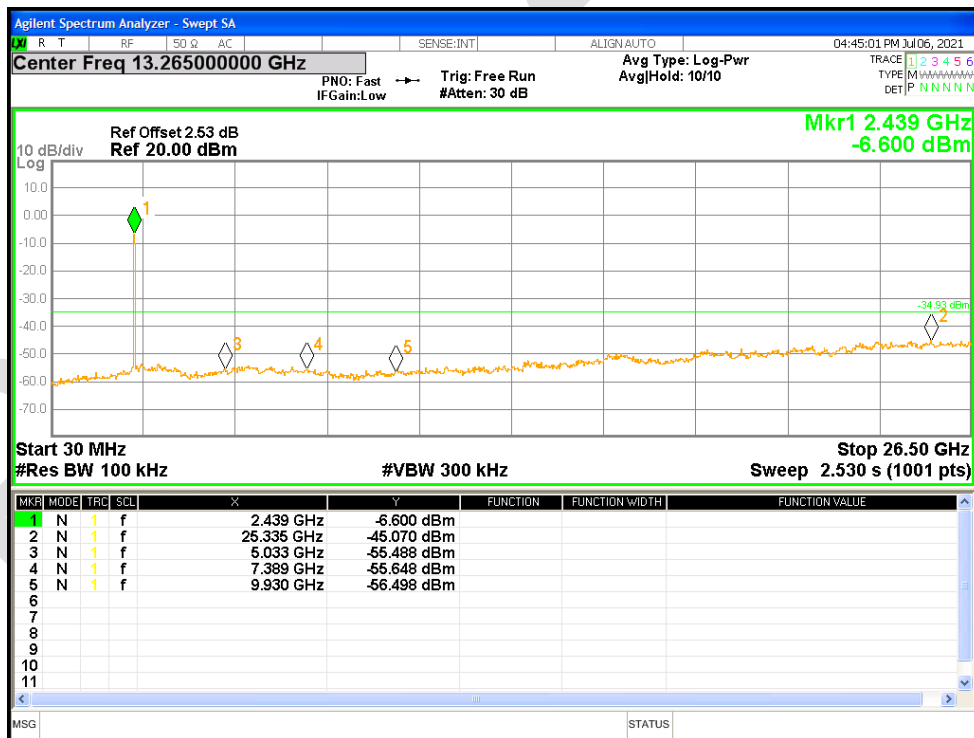
Tx. Spurious NVNT n40 2422MHz Ant2 Emission



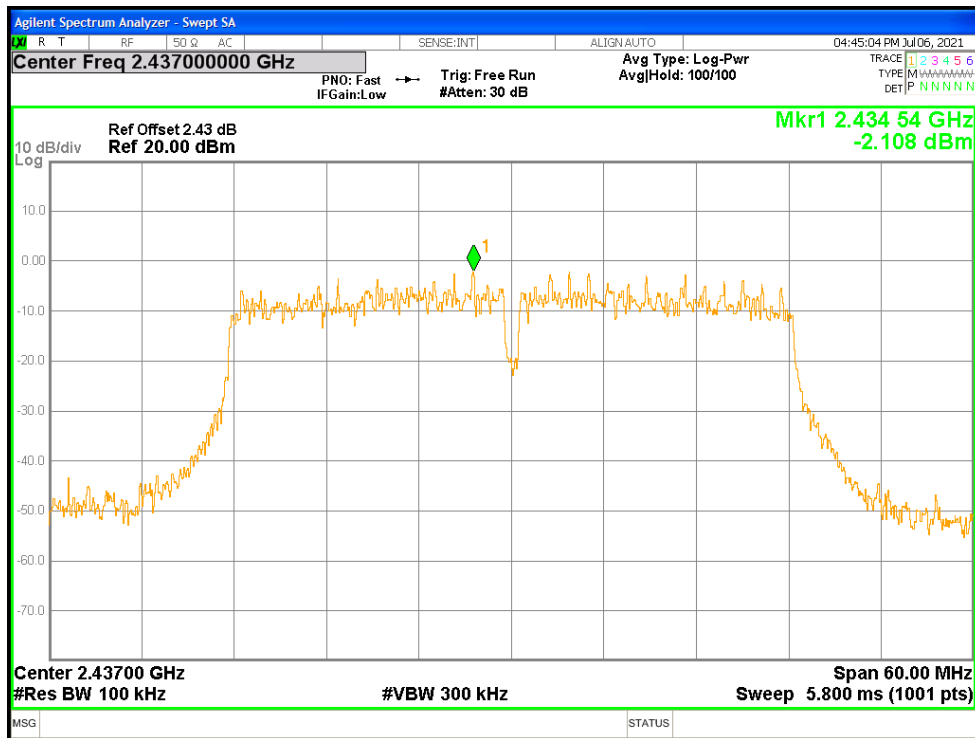
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



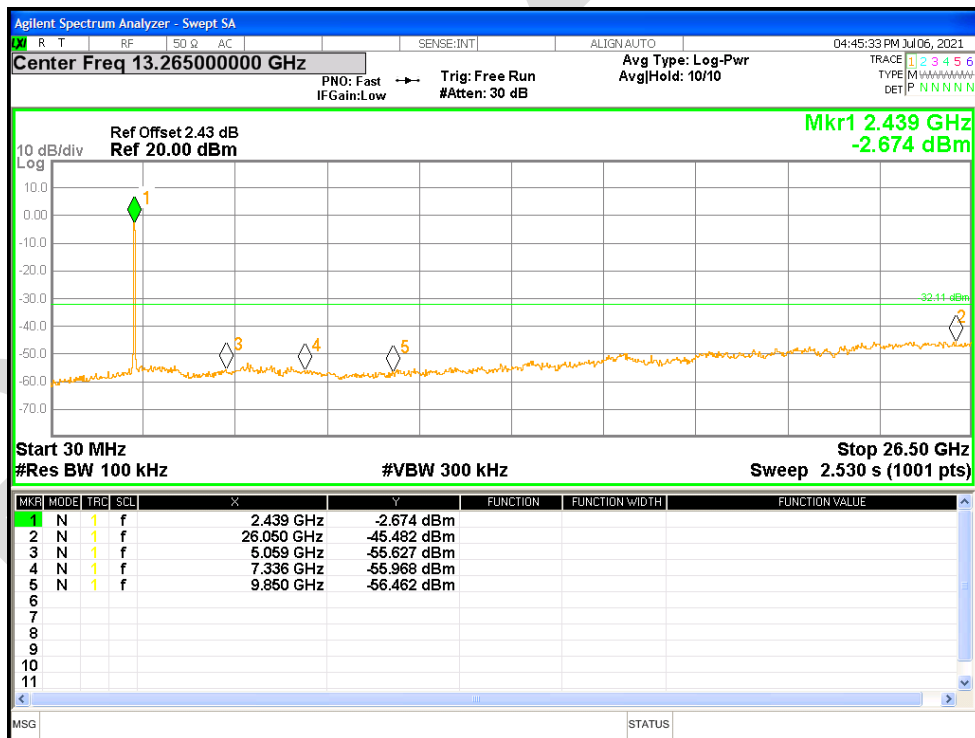
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



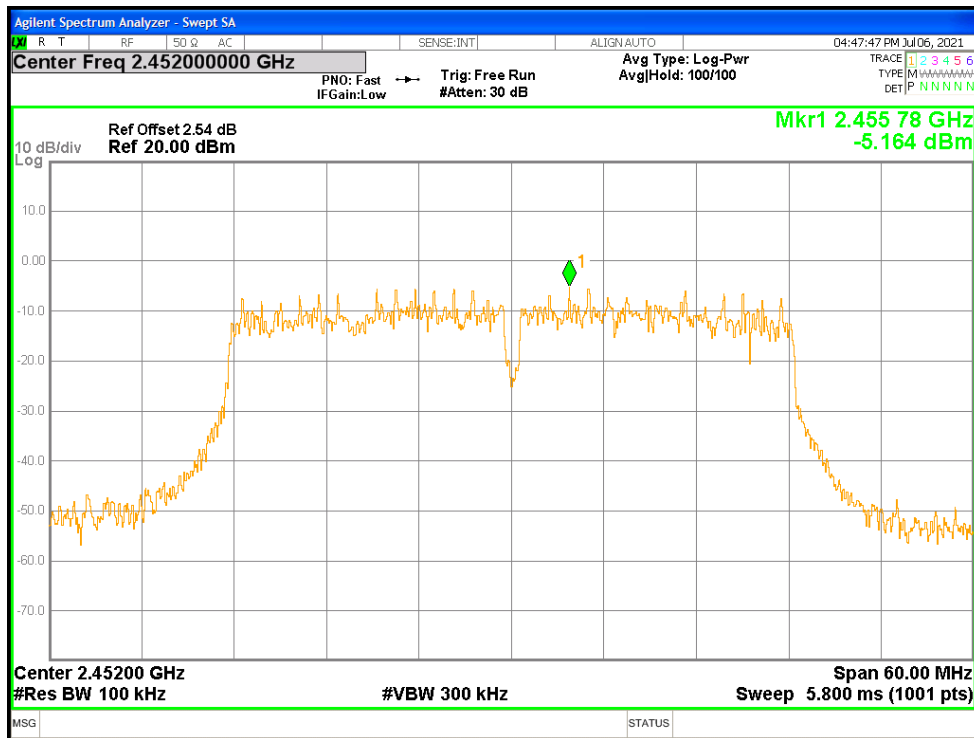
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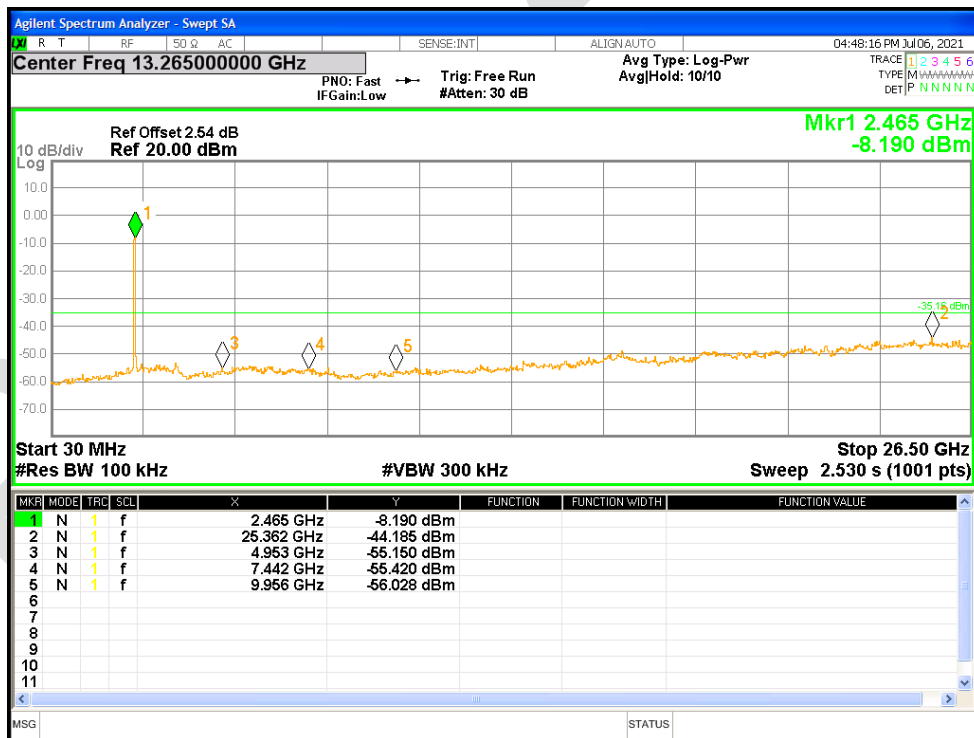
Tx. Spurious NVNT n40 2437MHz Ant2 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref

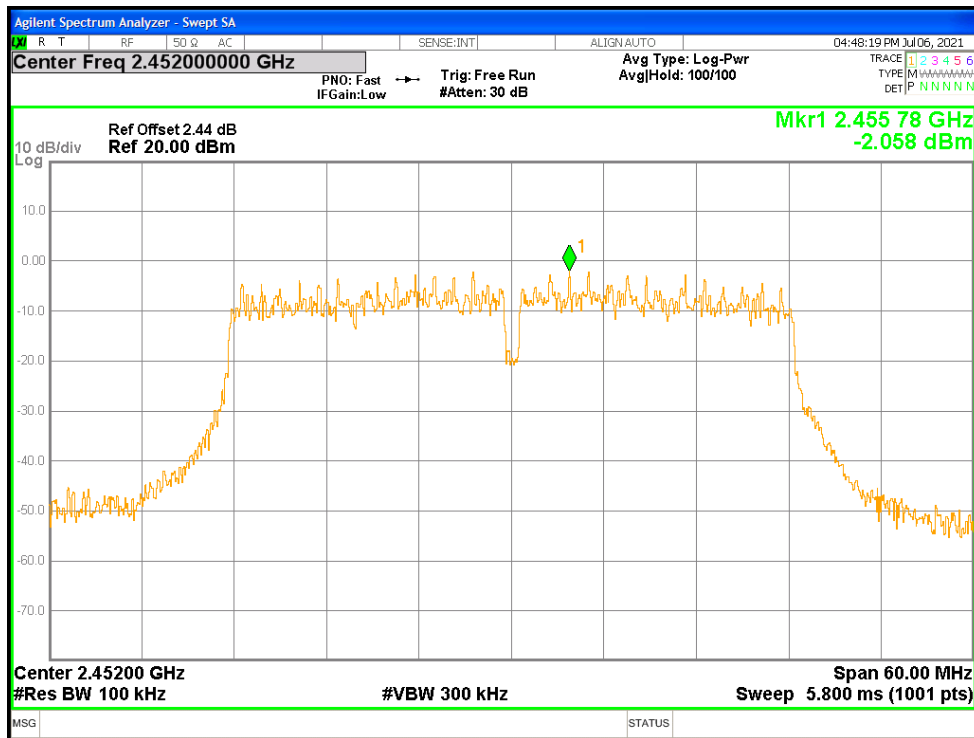


Tx. Spurious NVNT n40 2452MHz Ant1 Emission

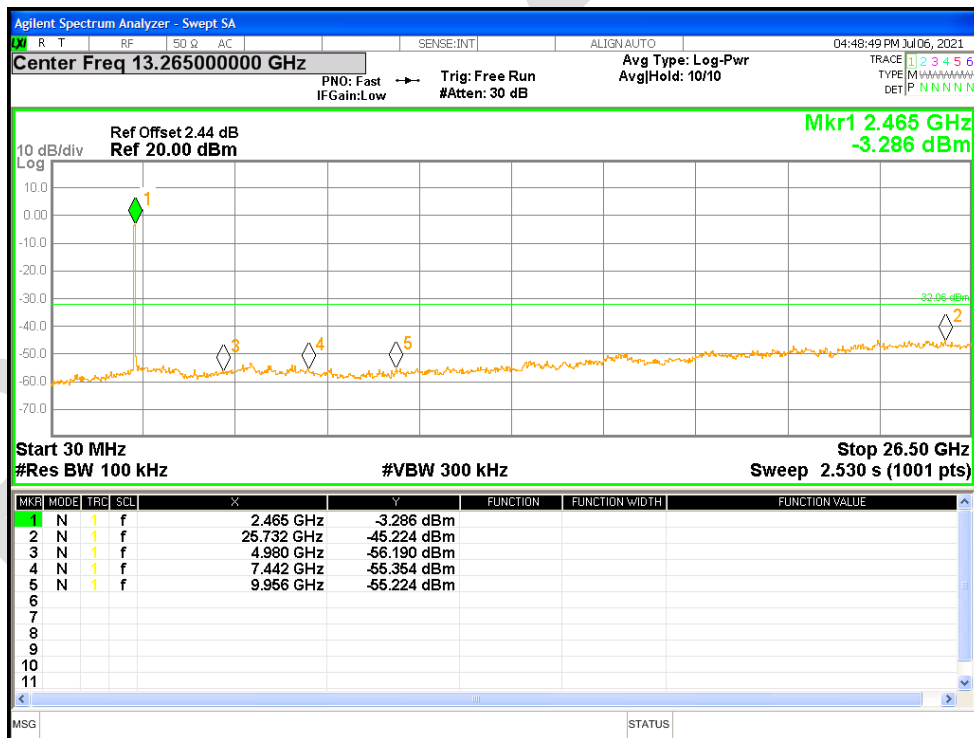


Tx. Spurious NVNT n40 2452MHz Ant2 Ref



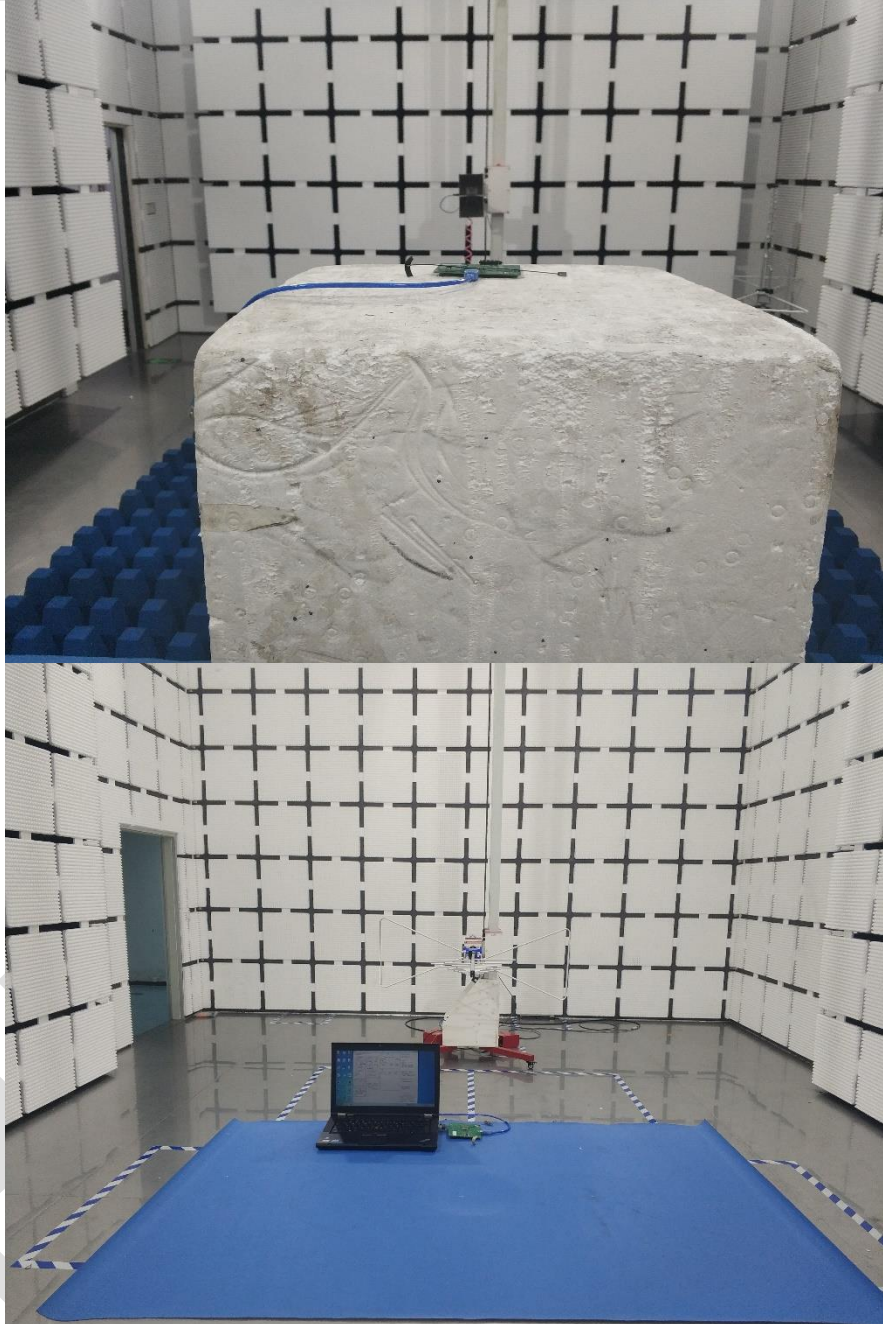


Tx. Spurious NVNT n40 2452MHz Ant2 Emission



## APPENDIX A: PHOTOGRAPHS OF TEST SETUP

**Radiated Spurious Emissions**



**Conducted Emissions at AC Power Line (150kHz-30MHz)**

