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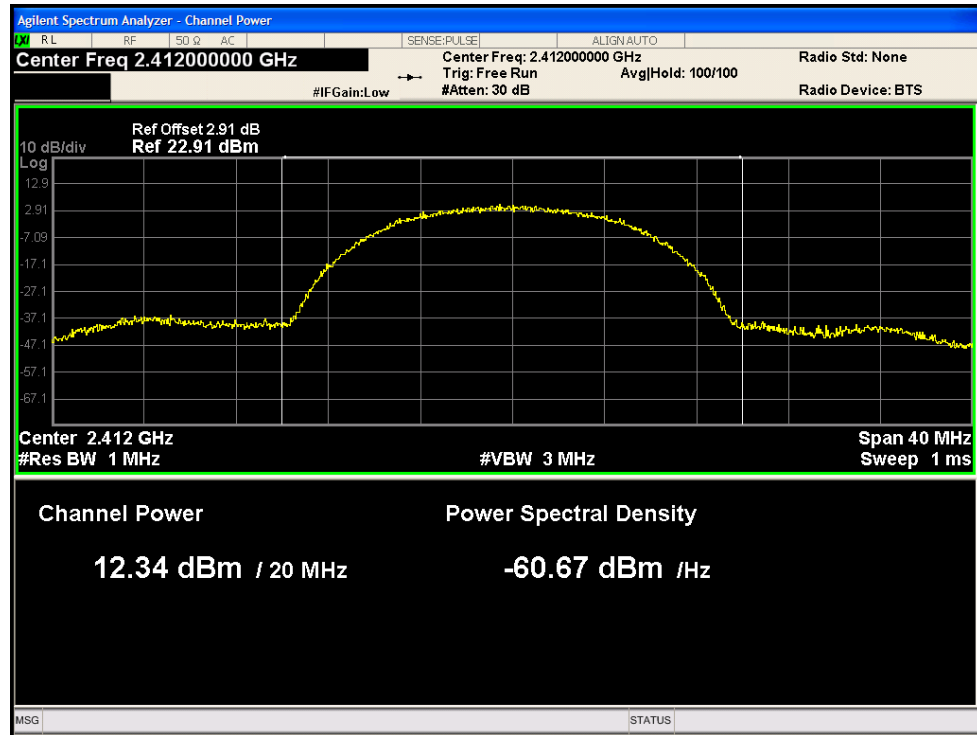
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1. Maximum Conducted Output Power

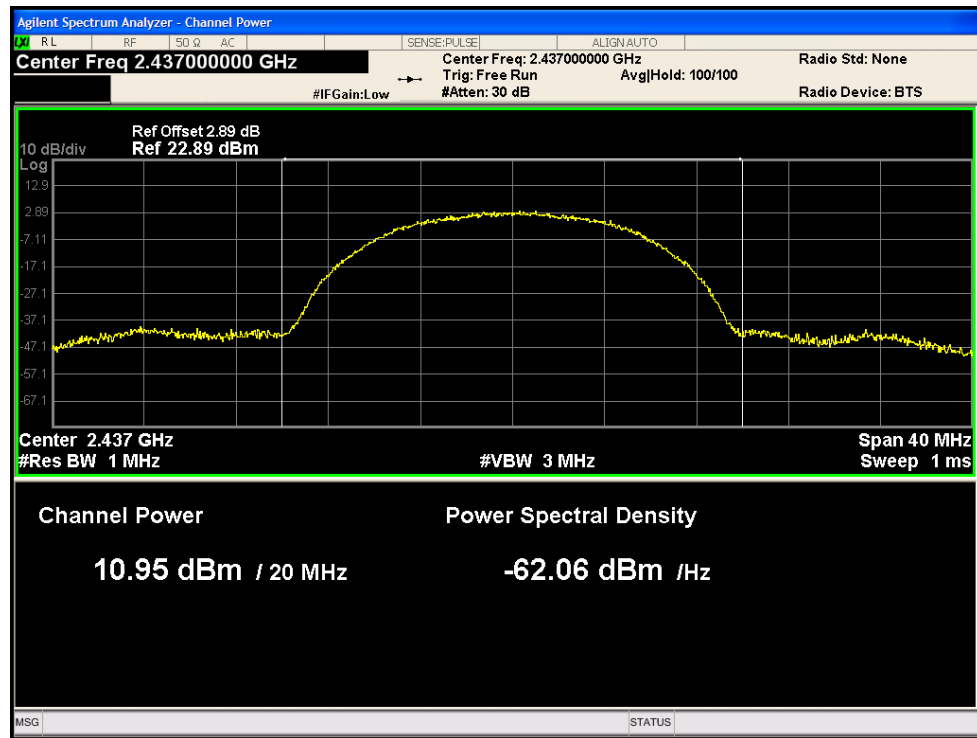
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	12.34	0	12.34	30	Pass
NVNT	b	2437	Ant1	10.95	0	10.95	30	Pass
NVNT	b	2462	Ant1	10.81	0	10.81	30	Pass
NVNT	g	2412	Ant1	11.54	0	11.54	30	Pass
NVNT	g	2437	Ant1	10.8	0	10.8	30	Pass
NVNT	g	2462	Ant1	10.53	0	10.53	30	Pass
NVNT	n20	2412	Ant1	10.85	0	10.85	30	Pass
NVNT	n20	2437	Ant1	9.99	0	9.99	30	Pass
NVNT	n20	2462	Ant1	9.79	0	9.79	30	Pass
NVNT	n40	2422	Ant1	10.41	0	10.41	30	Pass
NVNT	n40	2437	Ant1	9.74	0	9.74	30	Pass
NVNT	n40	2452	Ant1	9.88	0	9.88	30	Pass

Test Graphs

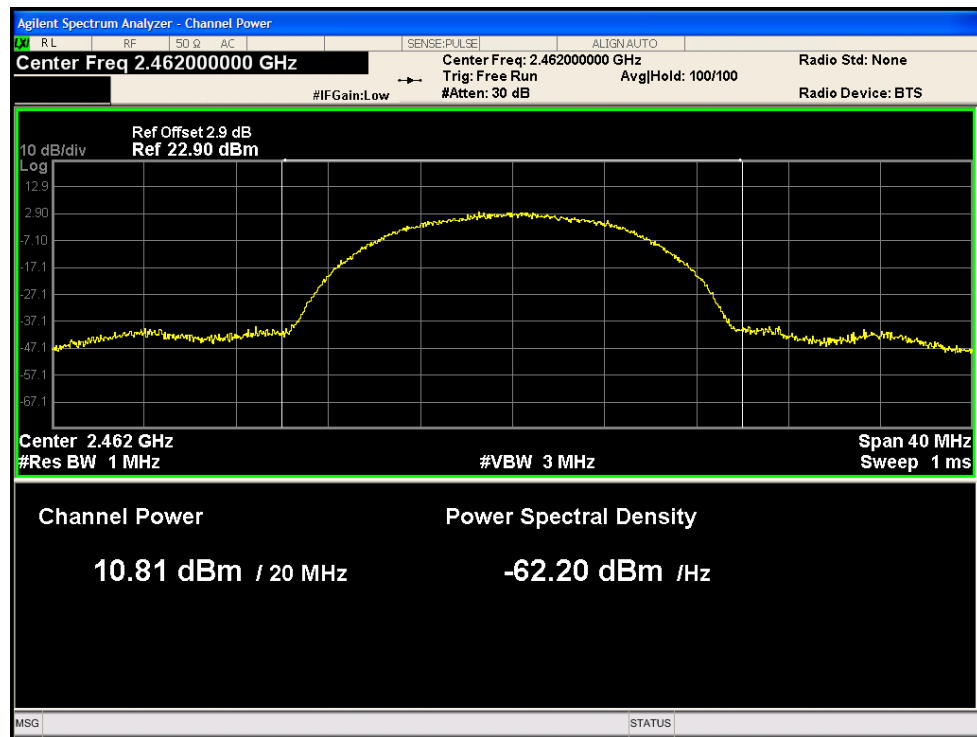
Power NVNT b 2412MHz Ant1



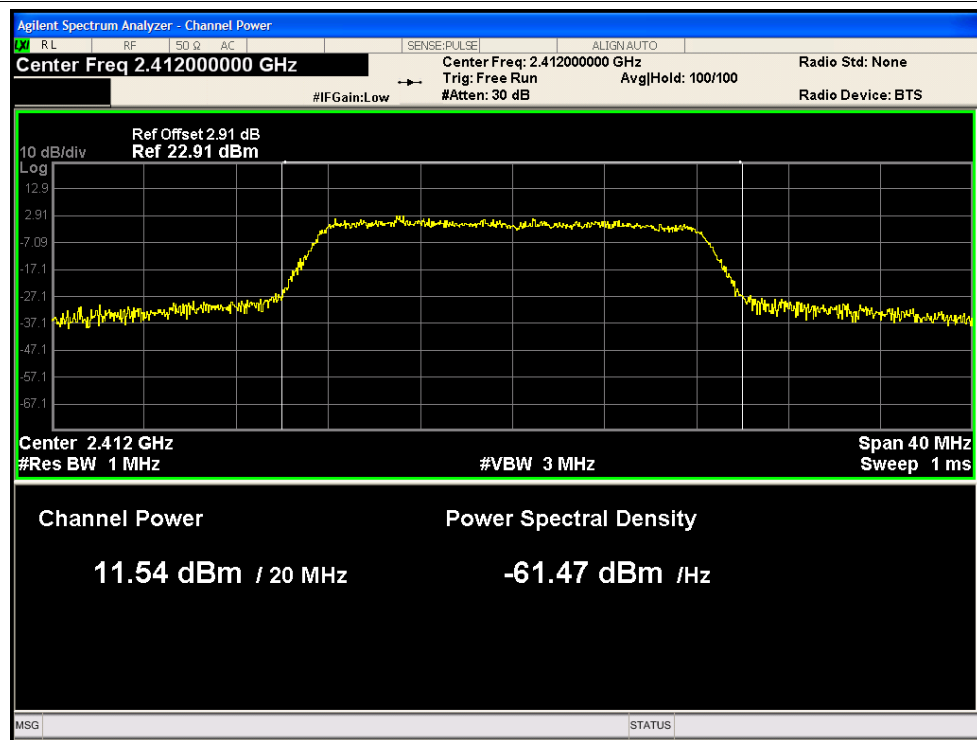
Power NVNT b 2437MHz Ant1



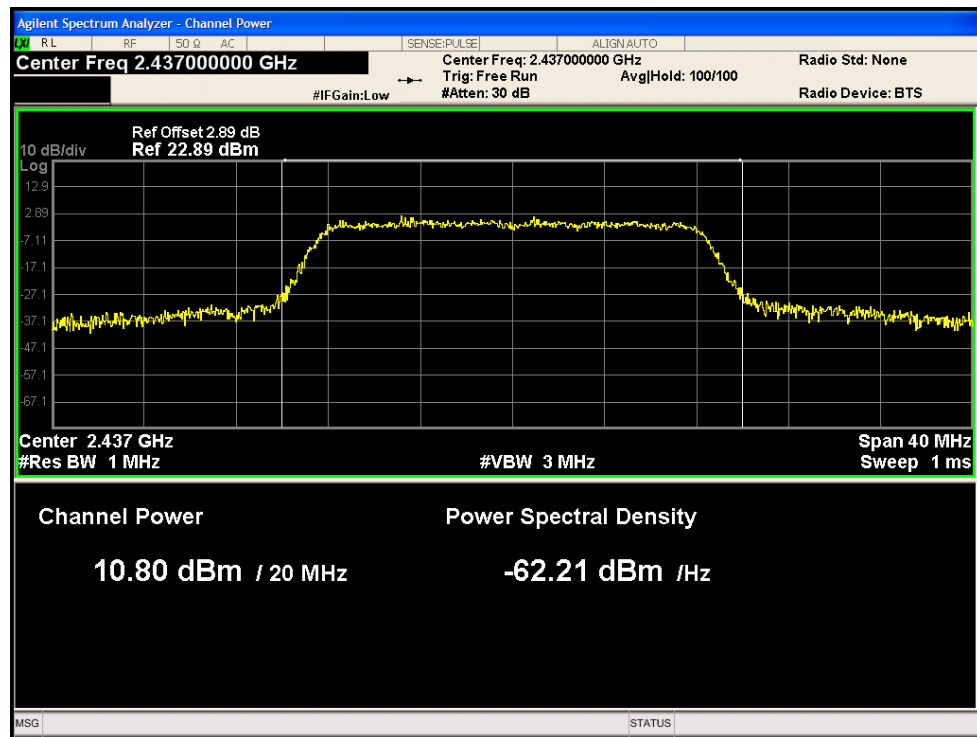
Power NVNT b 2462MHz Ant1



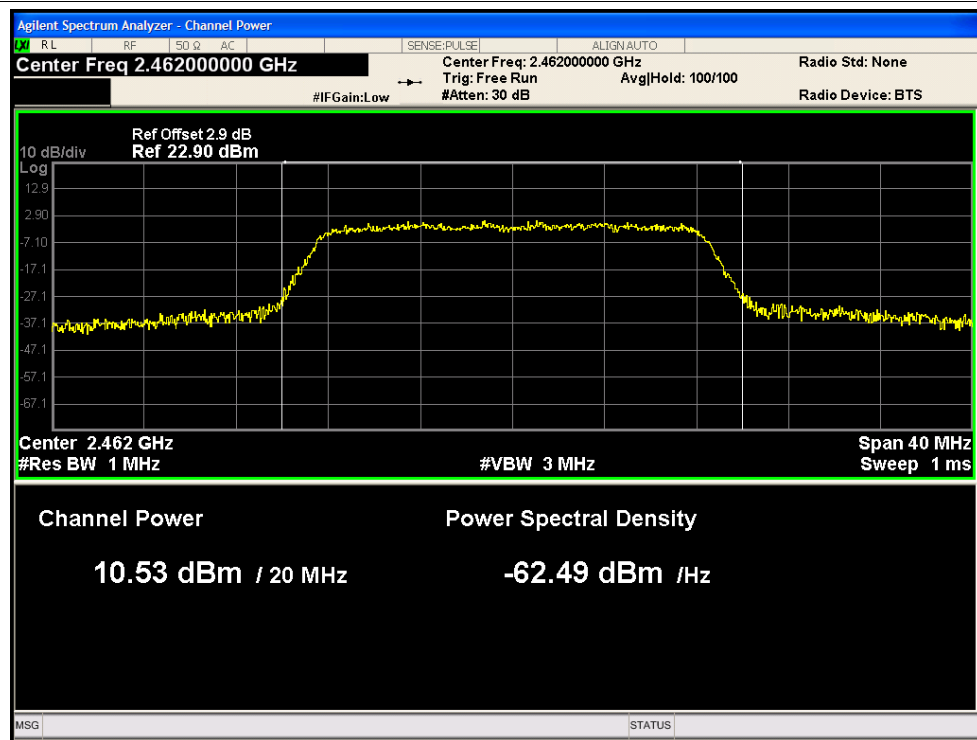
Power NVNT g 2412MHz Ant1



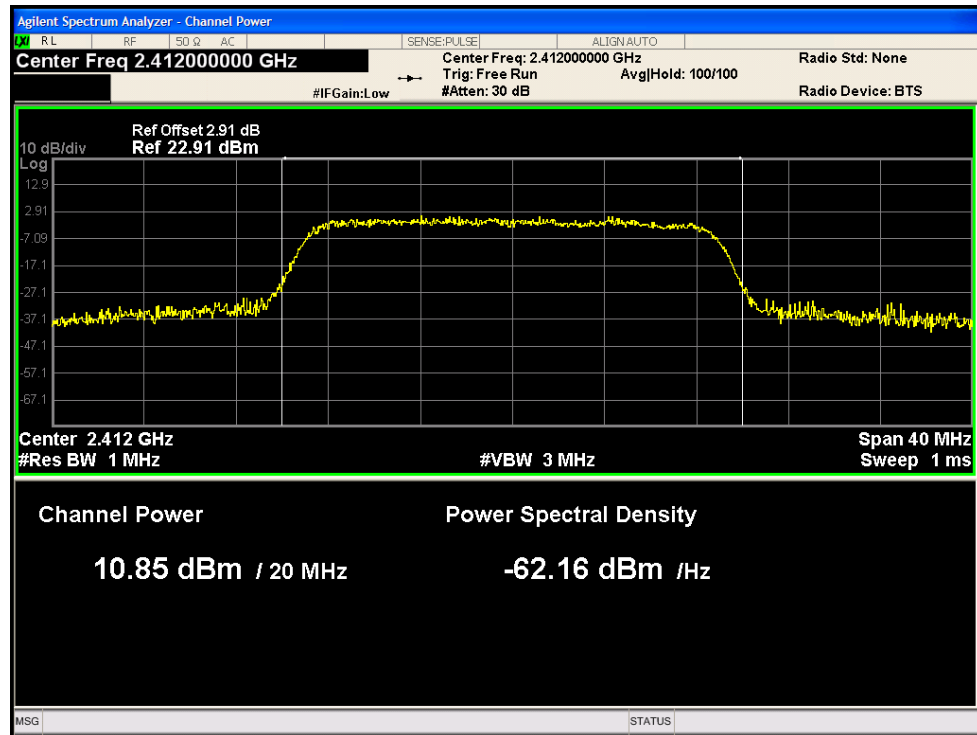
Power NVNT g 2437MHz Ant1



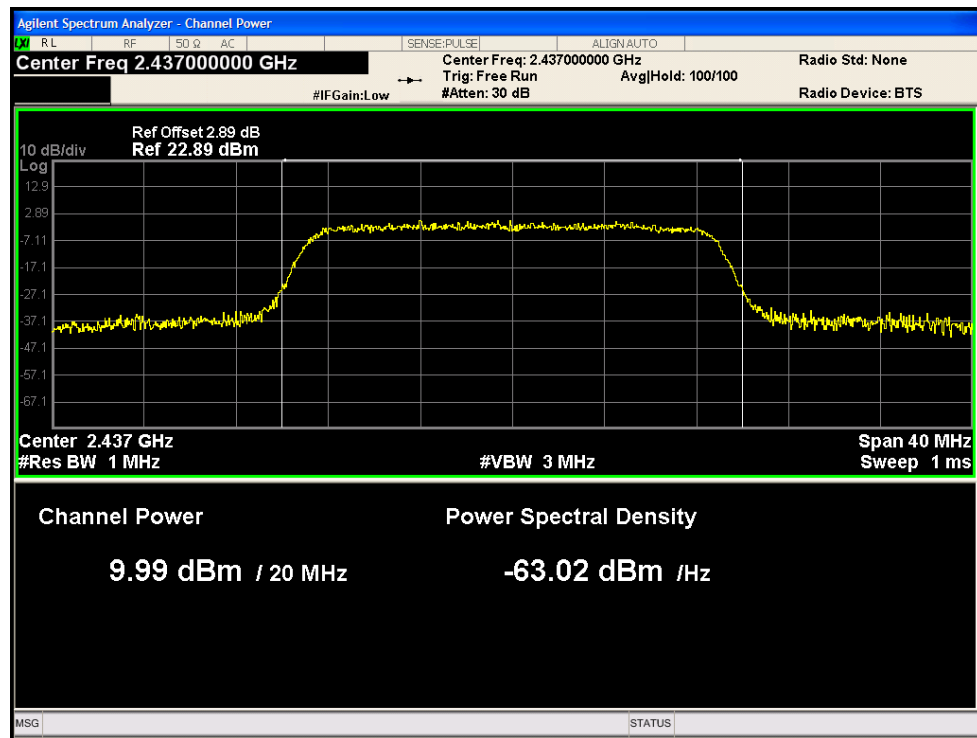
Power NVNT g 2462MHz Ant1



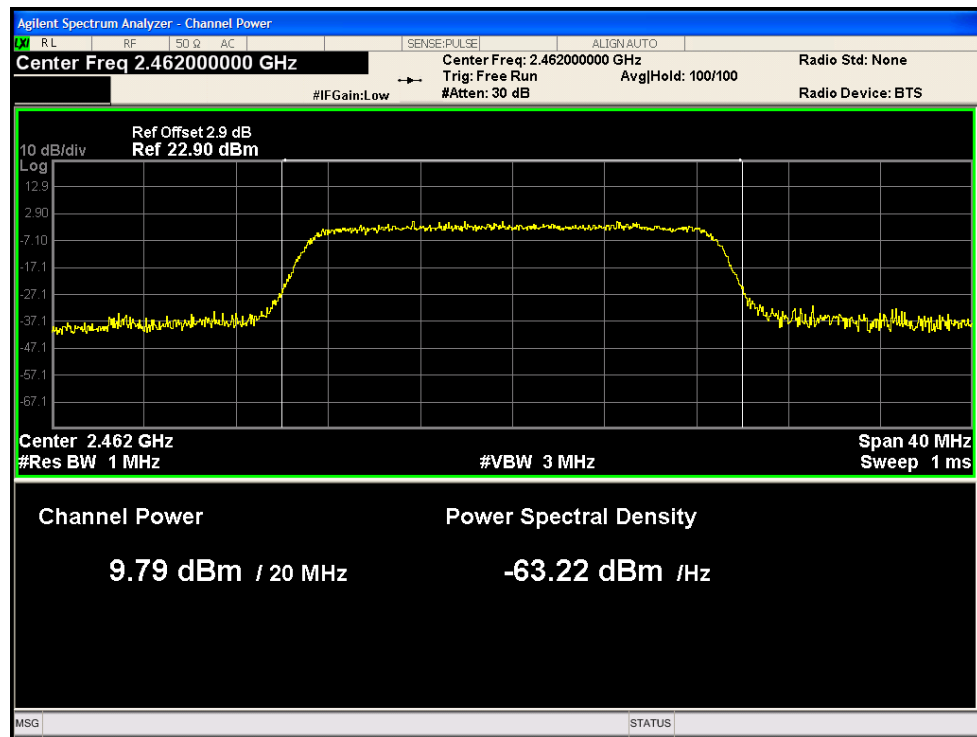
Power NVNT n20 2412MHz Ant1



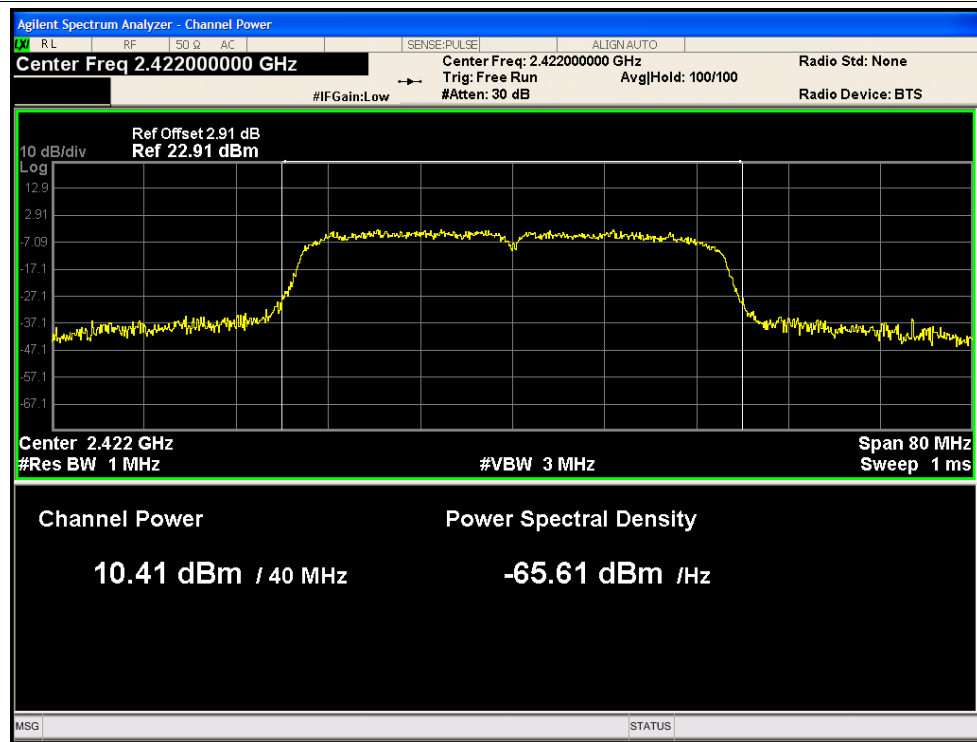
Power NVNT n20 2437MHz Ant1



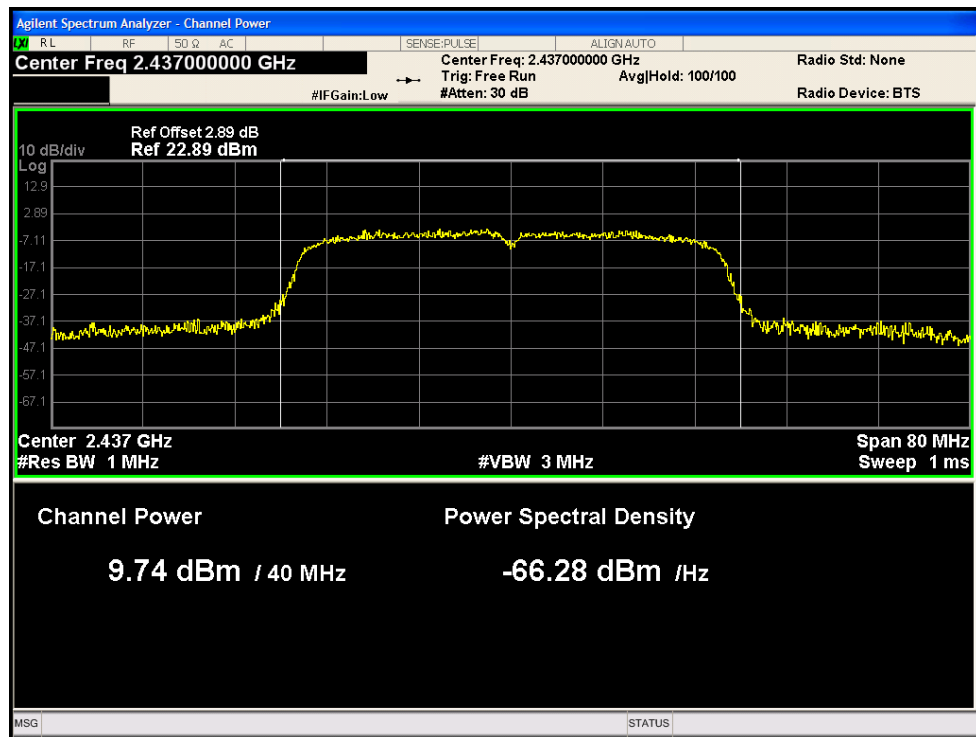
Power NVNT n20 2462MHz Ant1



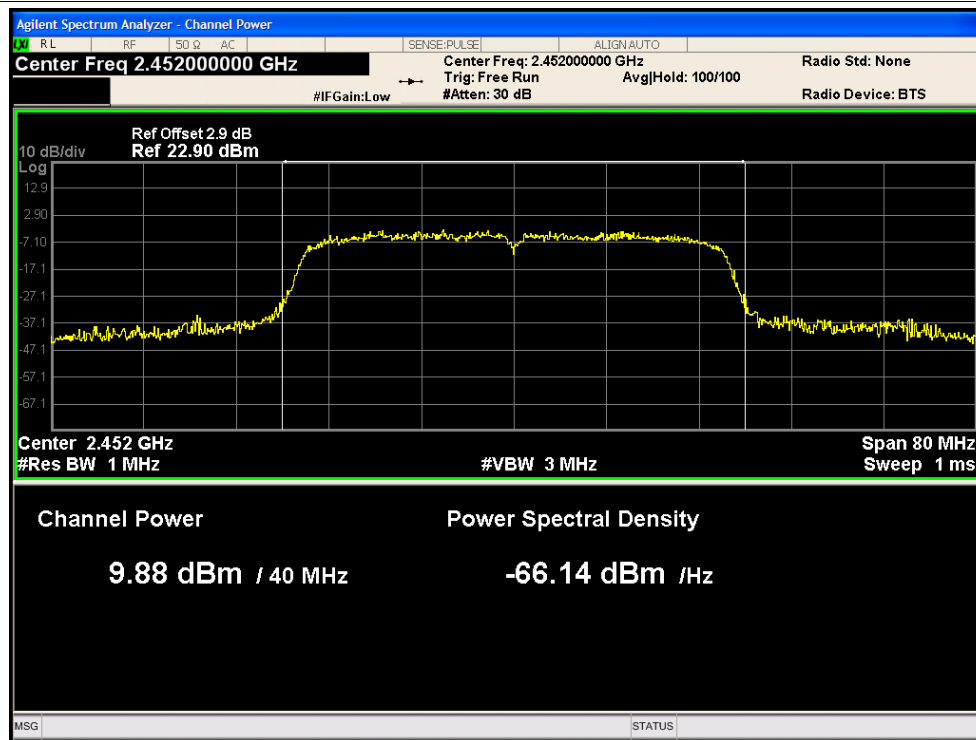
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1



Power NVNT n40 2452MHz Ant1

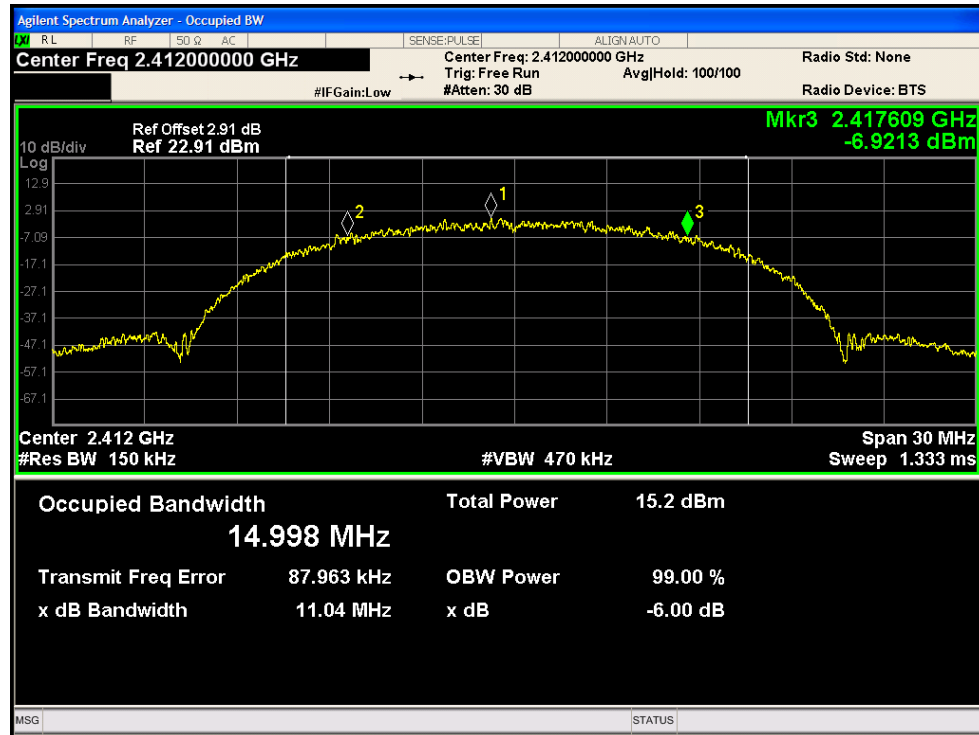


2. -6dB Bandwidth

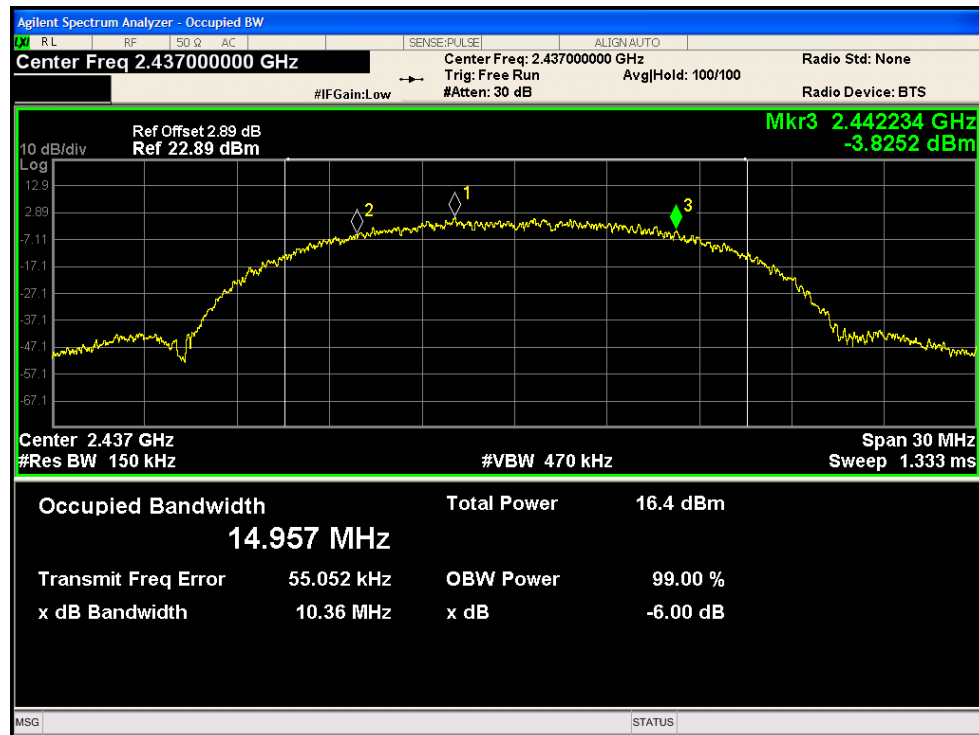
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	11.04	0.5	Pass
NVNT	b	2437	Ant1	10.36	0.5	Pass
NVNT	b	2462	Ant1	9.895	0.5	Pass
NVNT	g	2412	Ant1	16.44	0.5	Pass
NVNT	g	2437	Ant1	16.46	0.5	Pass
NVNT	g	2462	Ant1	16.48	0.5	Pass
NVNT	n20	2412	Ant1	17.65	0.5	Pass
NVNT	n20	2437	Ant1	17.62	0.5	Pass
NVNT	n20	2462	Ant1	17.72	0.5	Pass
NVNT	n40	2422	Ant1	36.41	0.5	Pass
NVNT	n40	2437	Ant1	36.07	0.5	Pass
NVNT	n40	2452	Ant1	36.10	0.5	Pass

Test Graphs

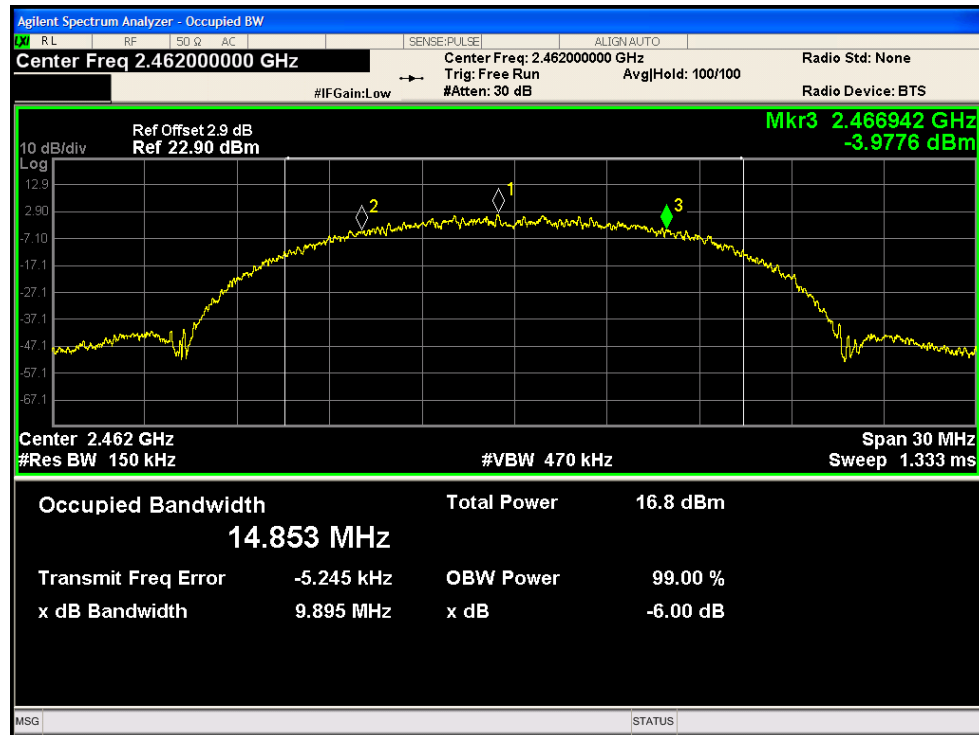
-6dB Bandwidth NVNT b 2412MHz Ant1



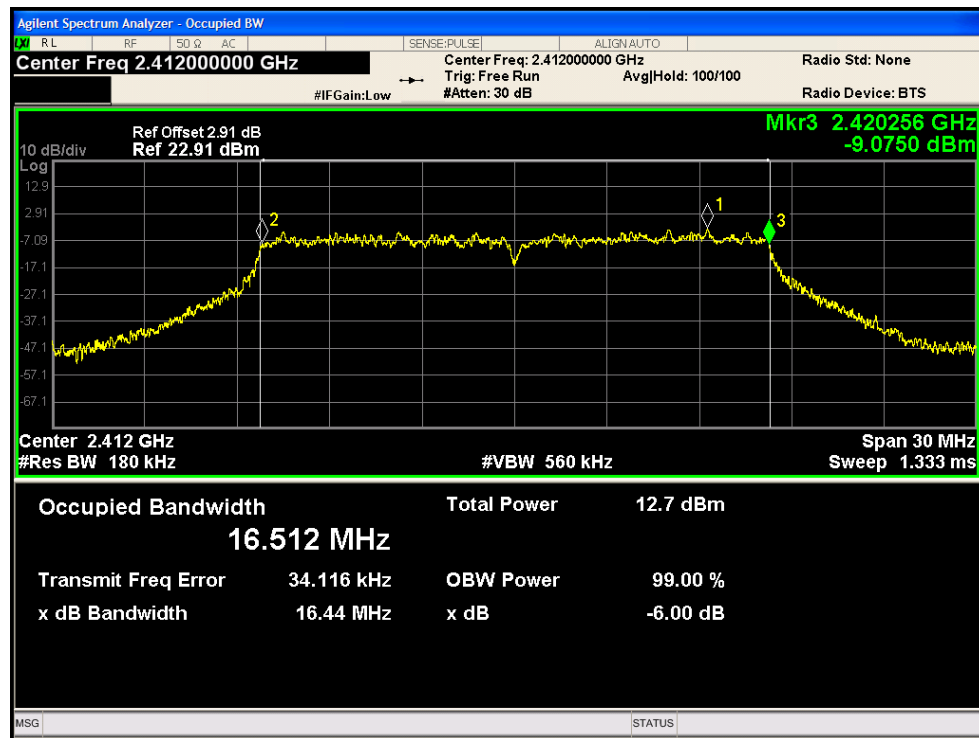
-6dB Bandwidth NVNT b 2437MHz Ant1



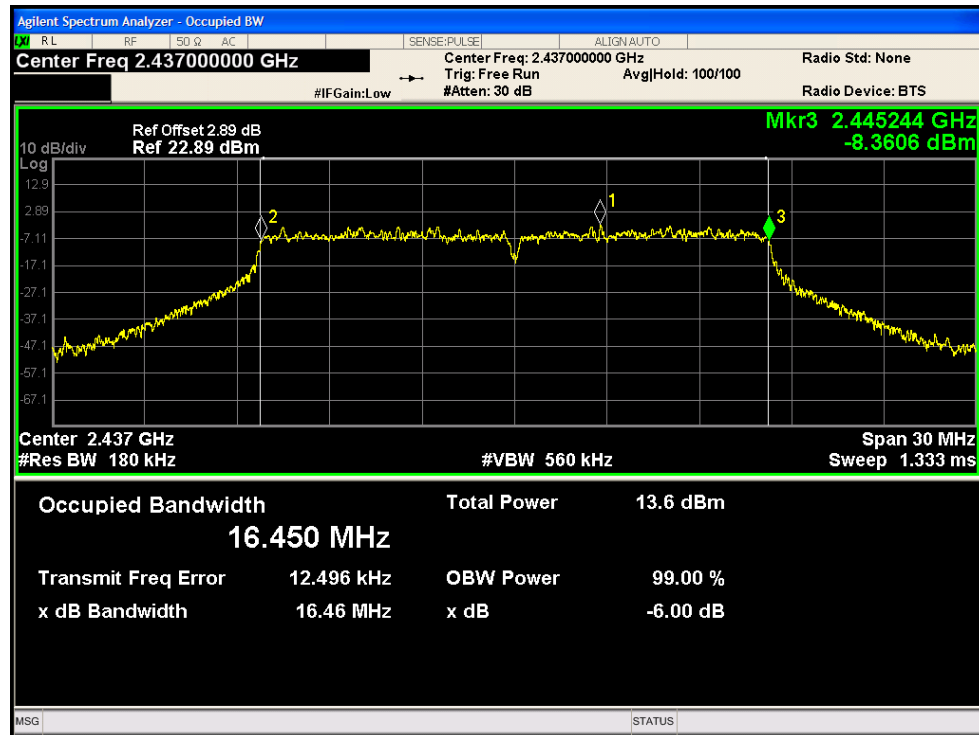
-6dB Bandwidth NVNT b 2462MHz Ant1



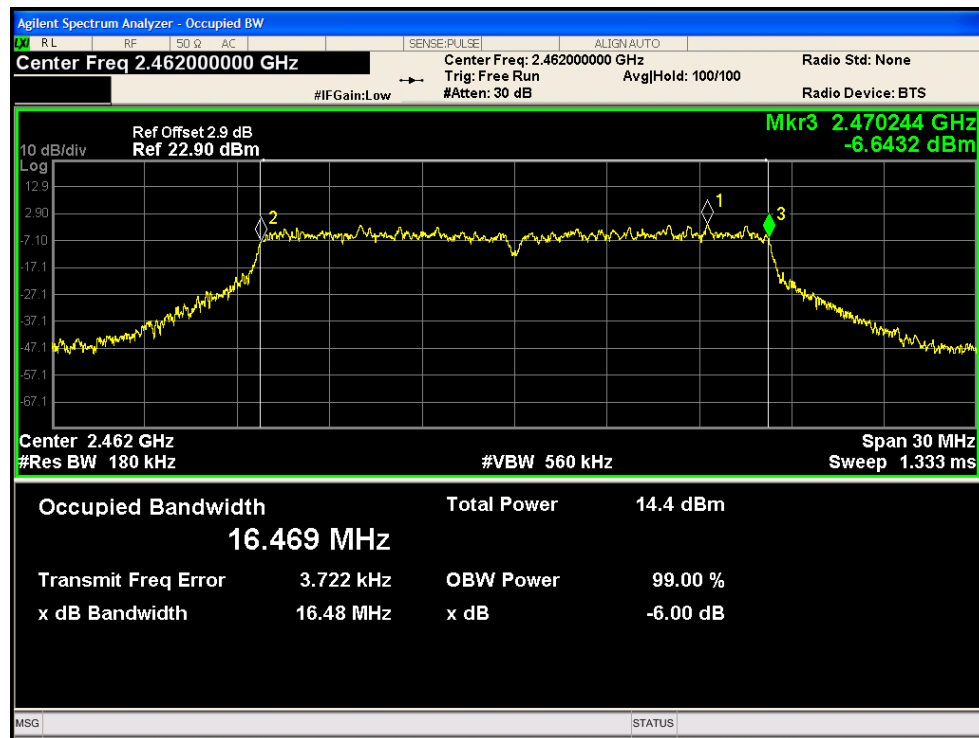
-6dB Bandwidth NVNT g 2412MHz Ant1



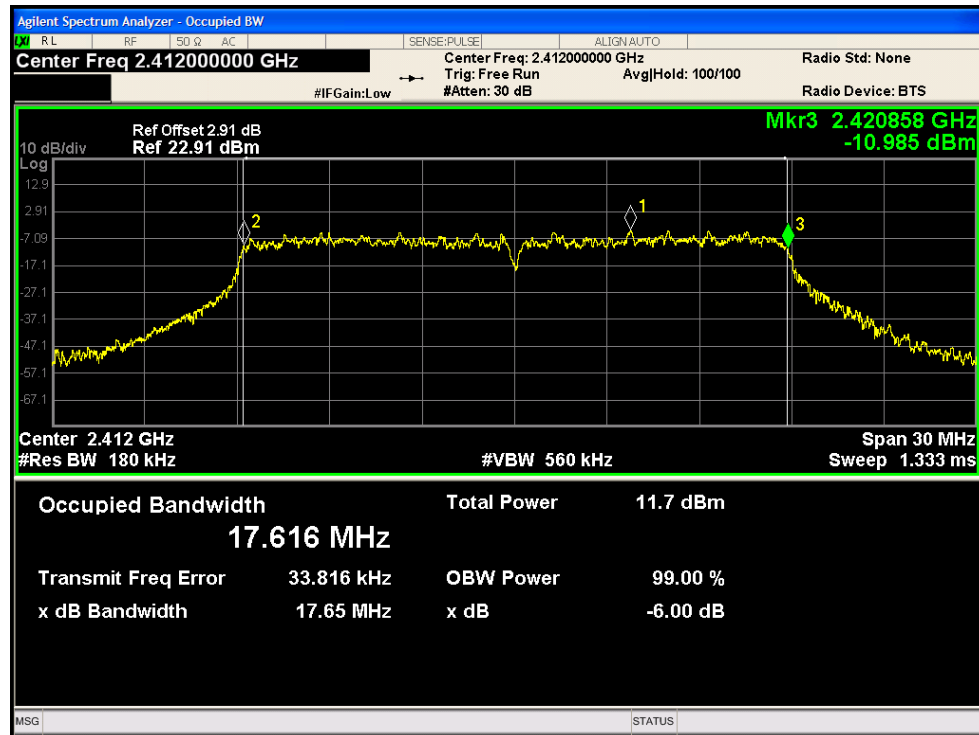
-6dB Bandwidth NVNT g 2437MHz Ant1



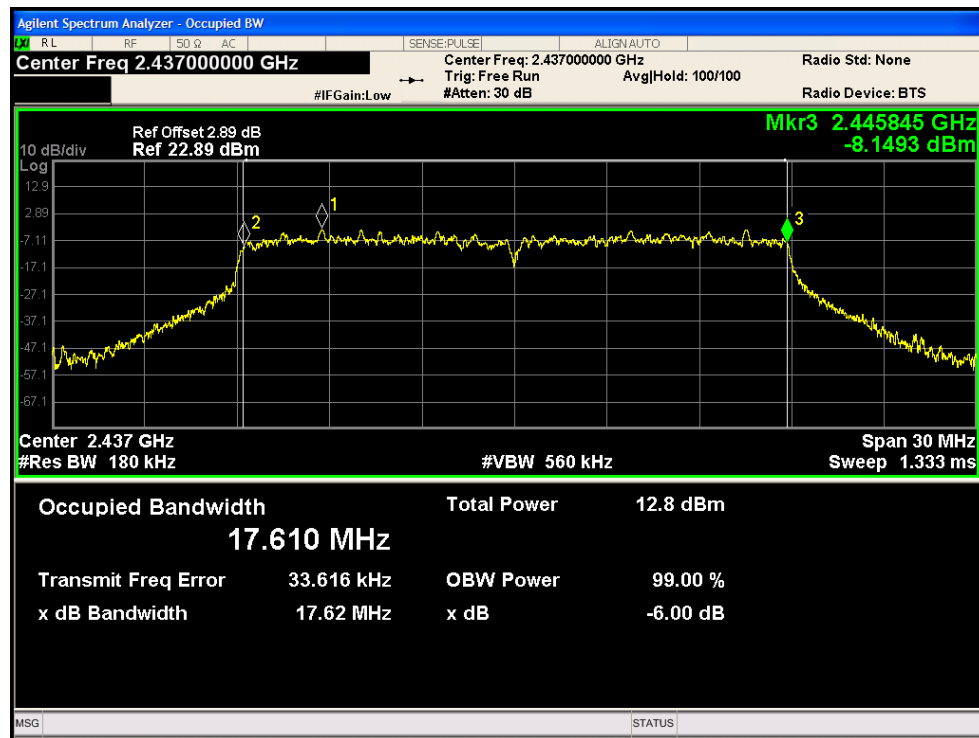
-6dB Bandwidth NVNT g 2462MHz Ant1



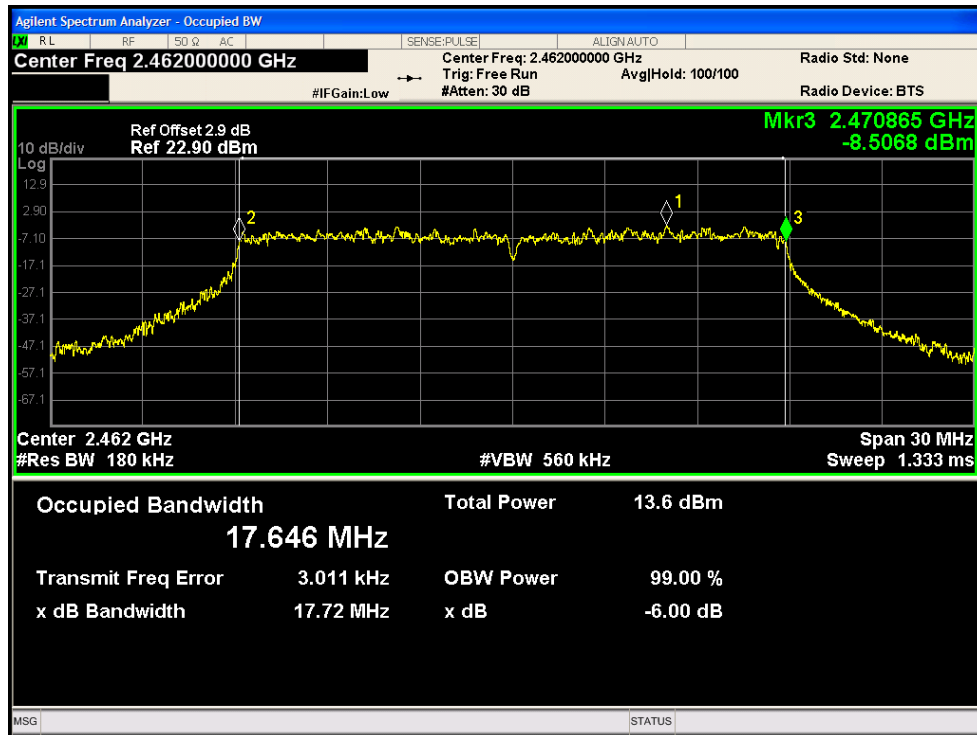
-6dB Bandwidth NVNT n20 2412MHz Ant1



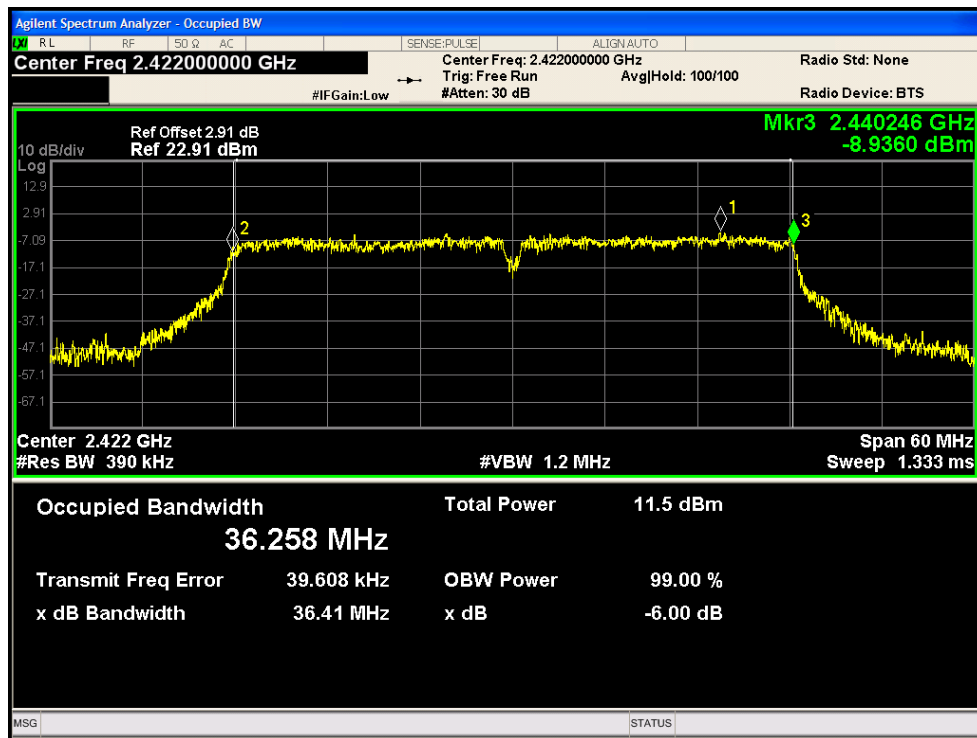
-6dB Bandwidth NVNT n20 2437MHz Ant1



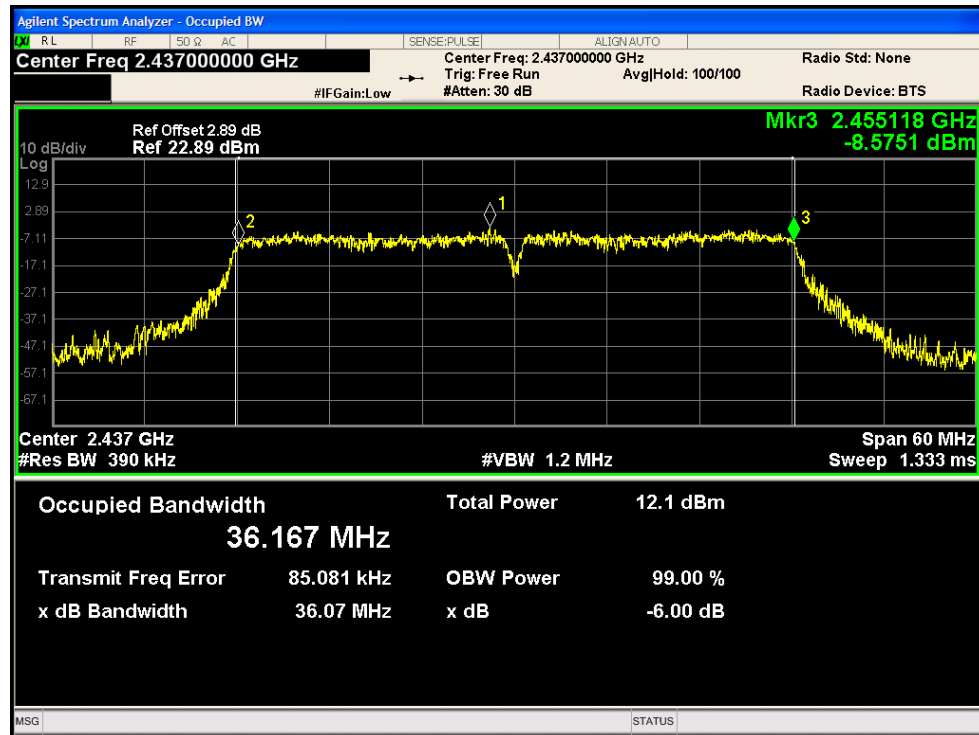
-6dB Bandwidth NVNT n20 2462MHz Ant1



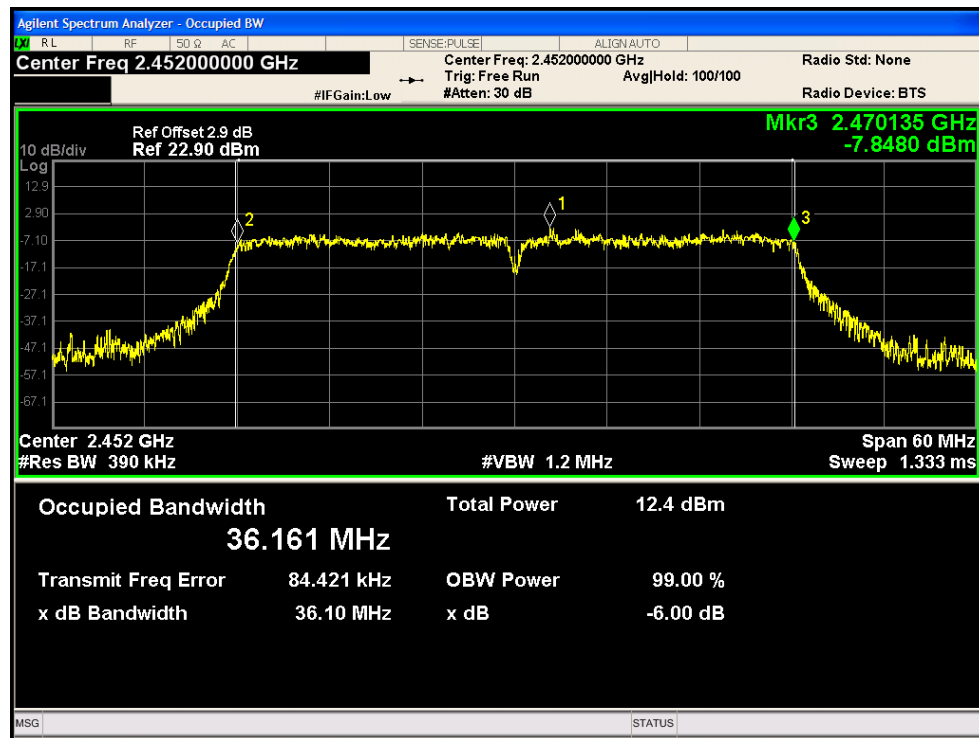
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1

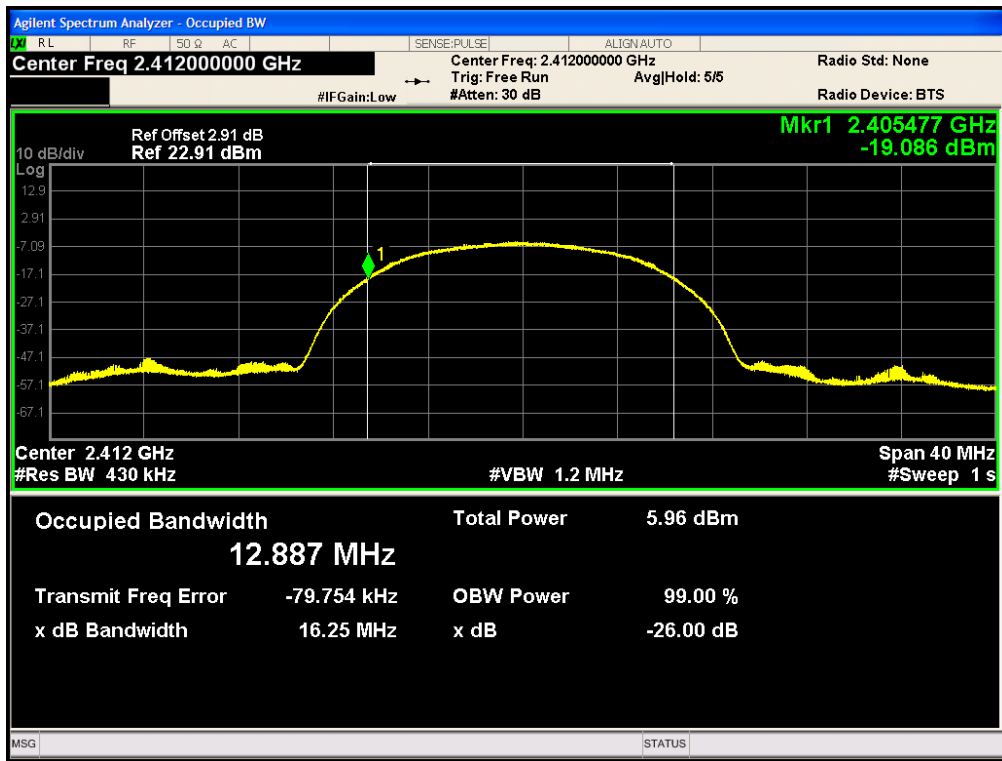


3. Occupied Channel Bandwidth

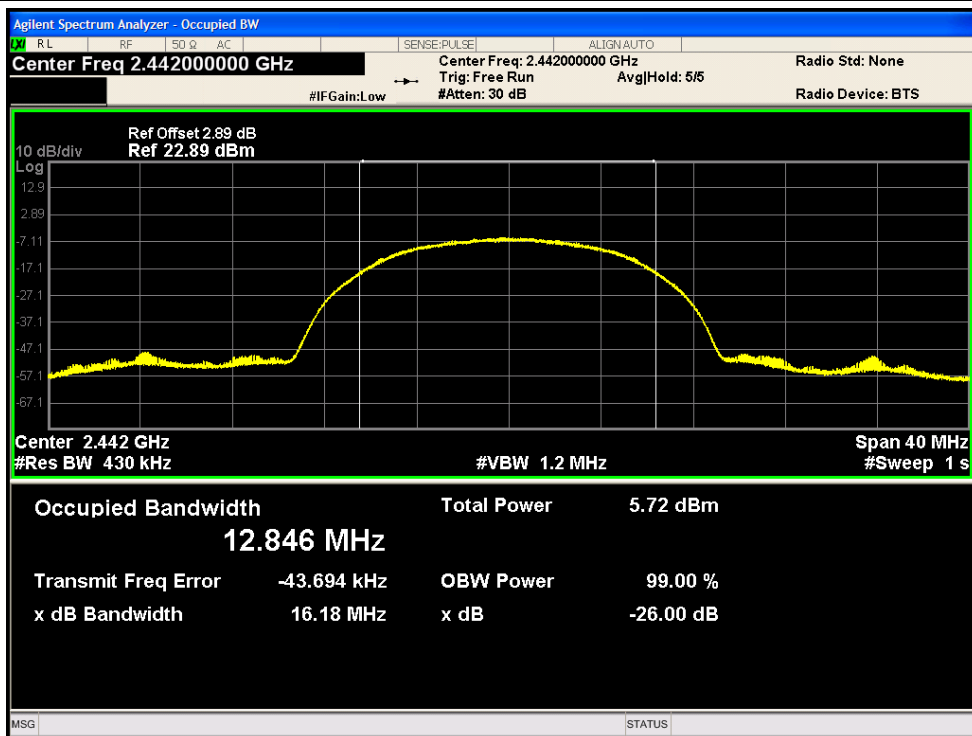
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.887
NVNT	b	2437	Ant1	12.846
NVNT	b	2462	Ant1	12.846
NVNT	g	2412	Ant1	16.481
NVNT	g	2437	Ant1	16.474
NVNT	g	2462	Ant1	16.471
NVNT	n20	2412	Ant1	17.429
NVNT	n20	2437	Ant1	17.417
NVNT	n20	2462	Ant1	17.421
NVNT	n40	2422	Ant1	35.672
NVNT	n40	2437	Ant1	35.575
NVNT	n40	2452	Ant1	35.666

Test Graphs

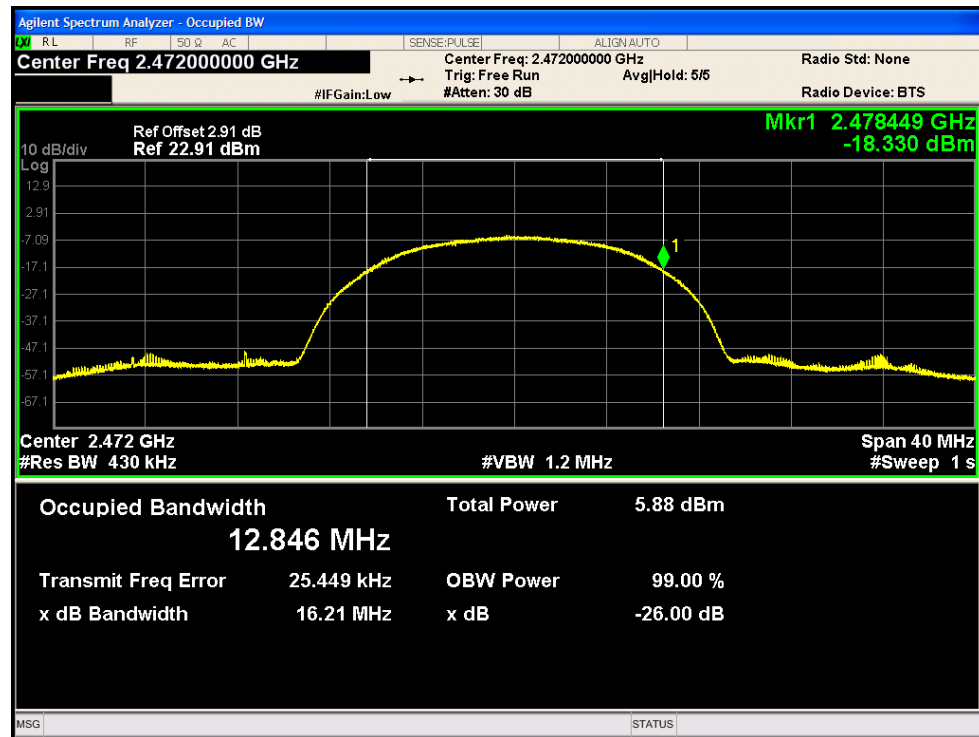
OBW NVNT b 2412MHz Ant1



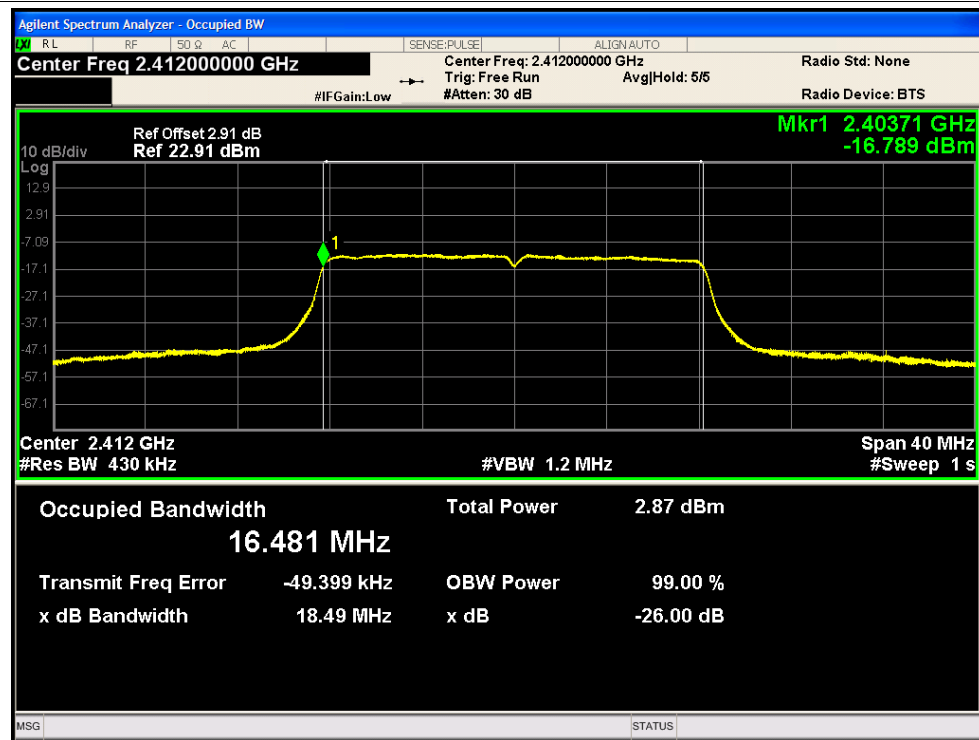
OBW NVNT b 2437MHz Ant1



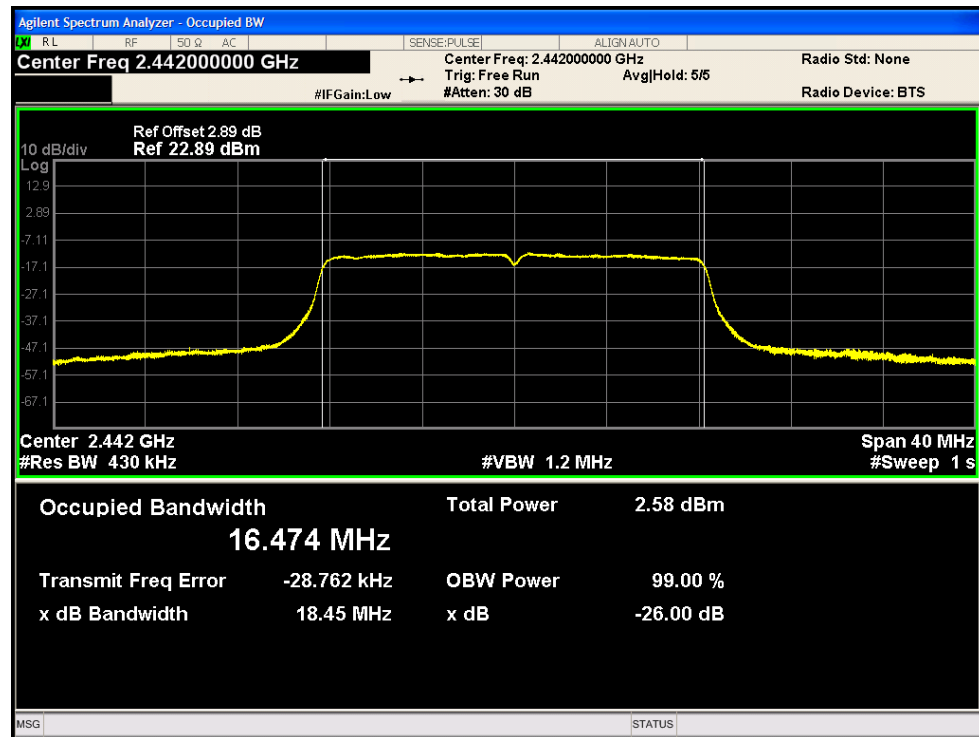
OBW NVNT b 2462MHz Ant1



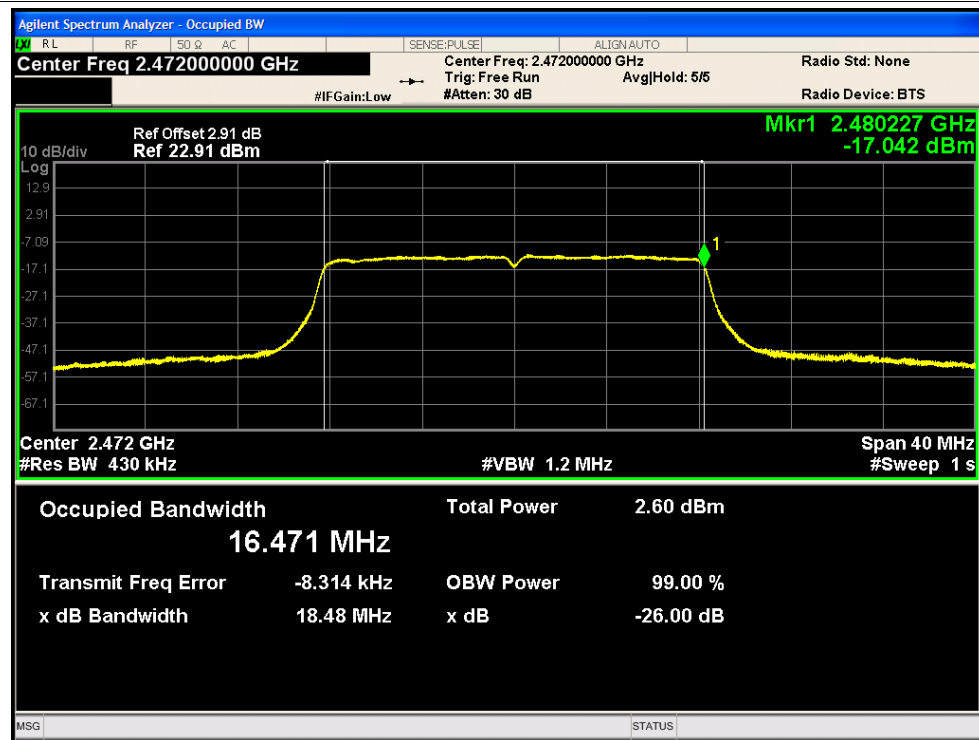
OBW NVNT g 2412MHz Ant1



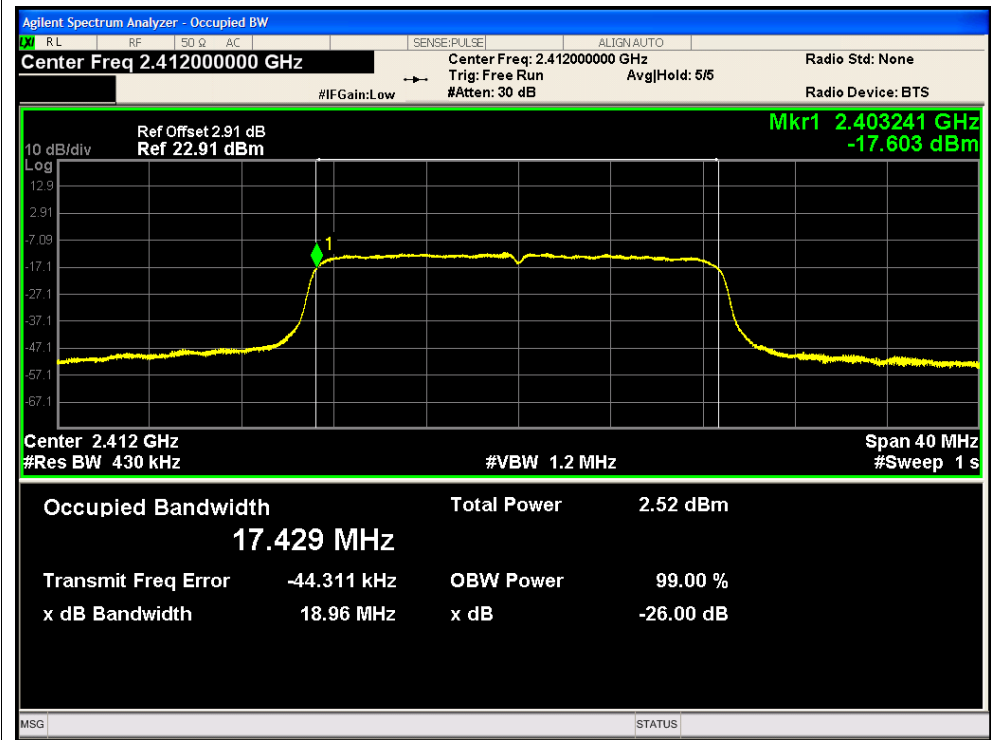
OBW NVNT g 2437MHz Ant1



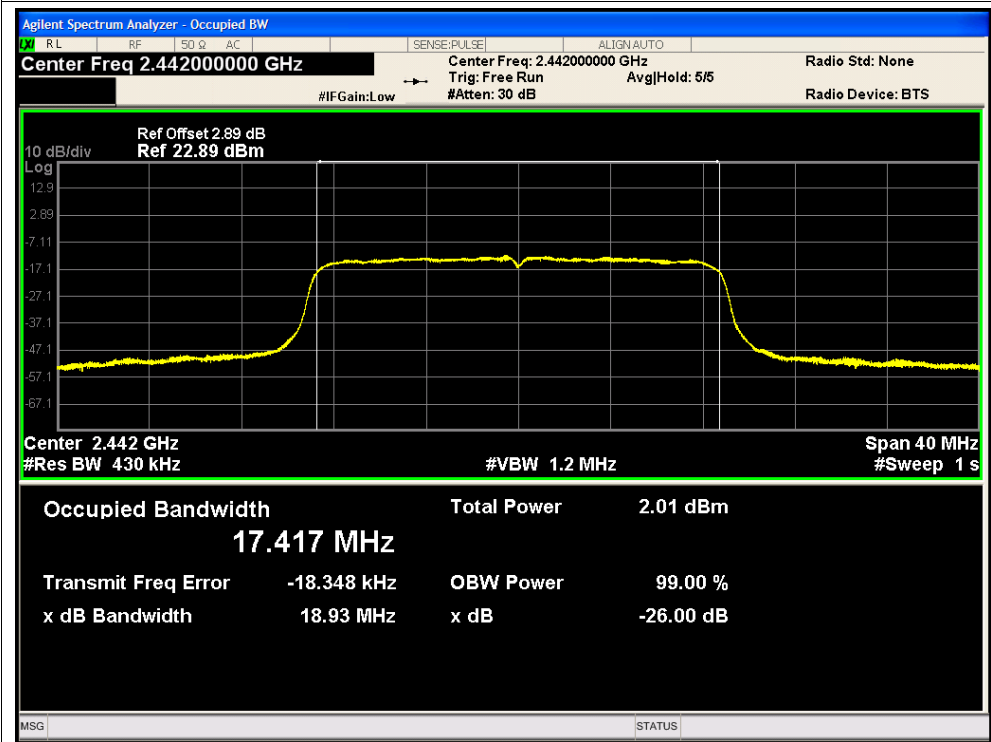
OBW NVNT g 2462MHz Ant1



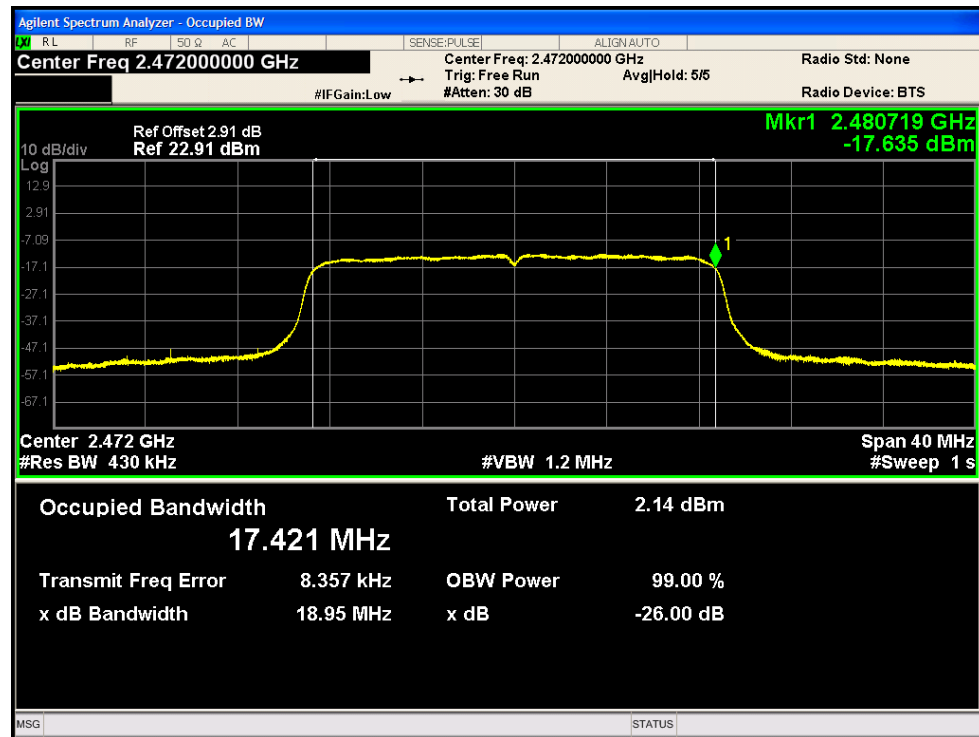
OBW NVNT n20 2412MHz Ant1



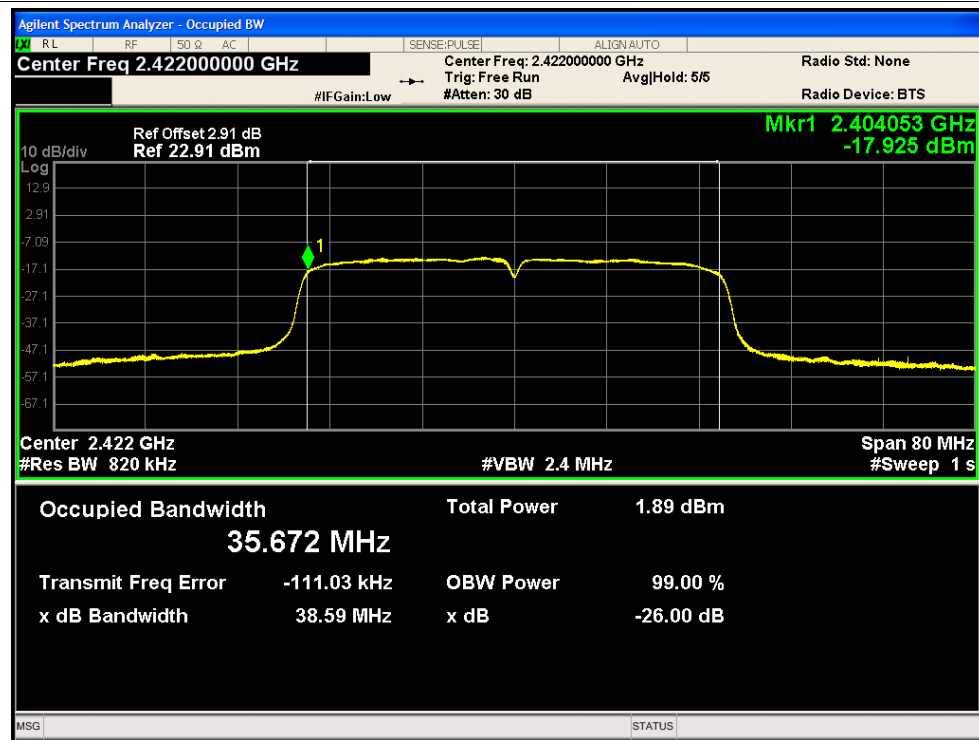
OBW NVNT n20 2437MHz Ant1



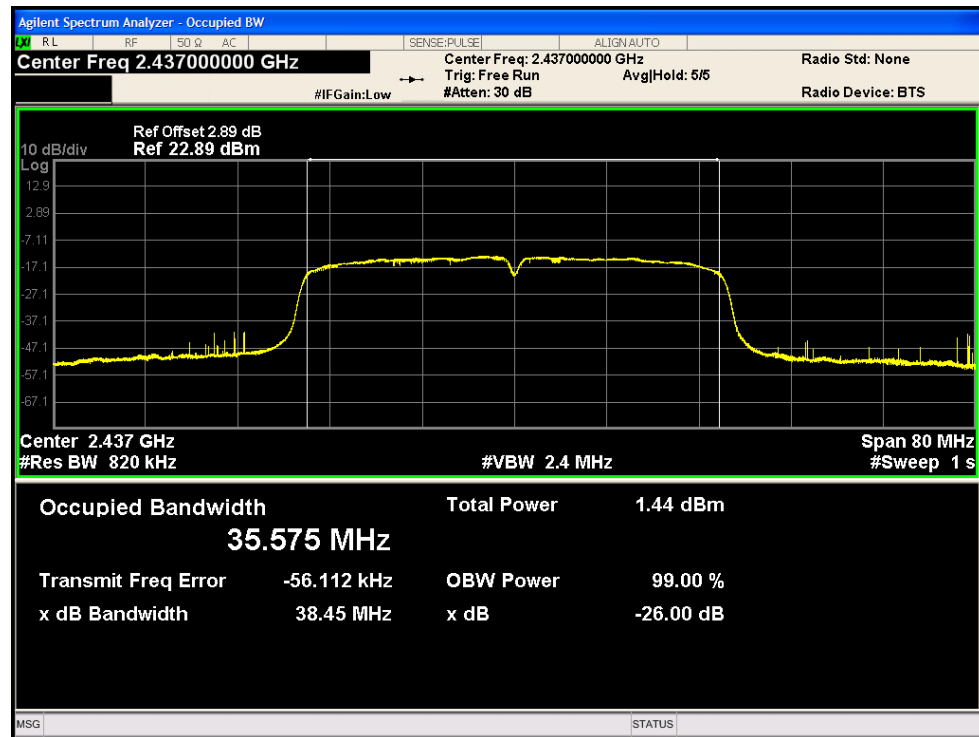
OBW NVNT n20 2462MHz Ant1



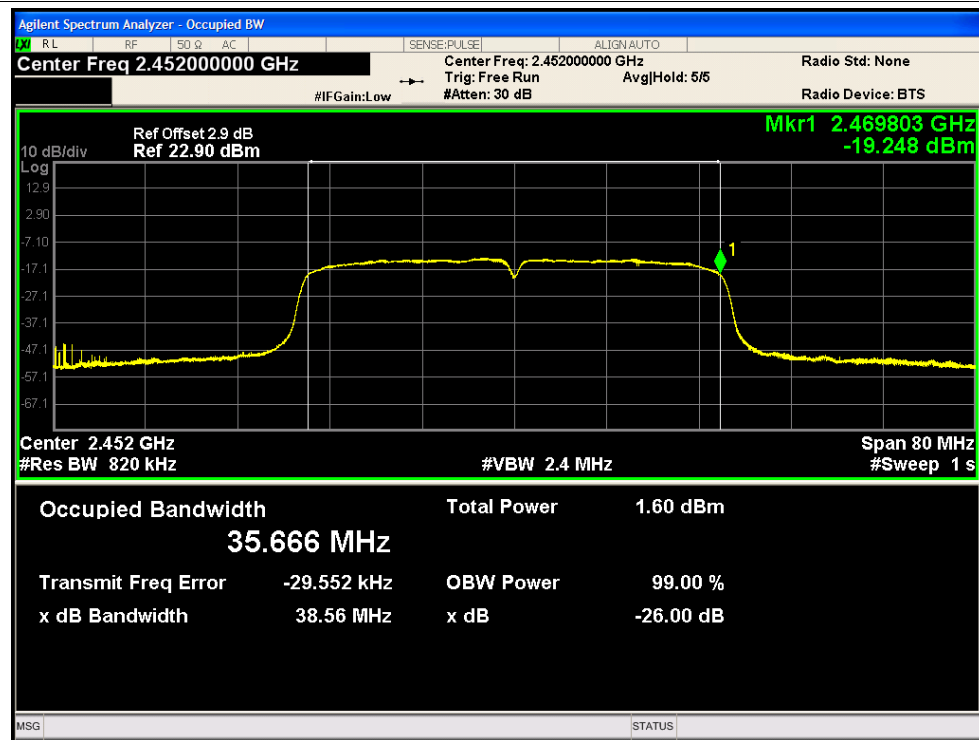
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1

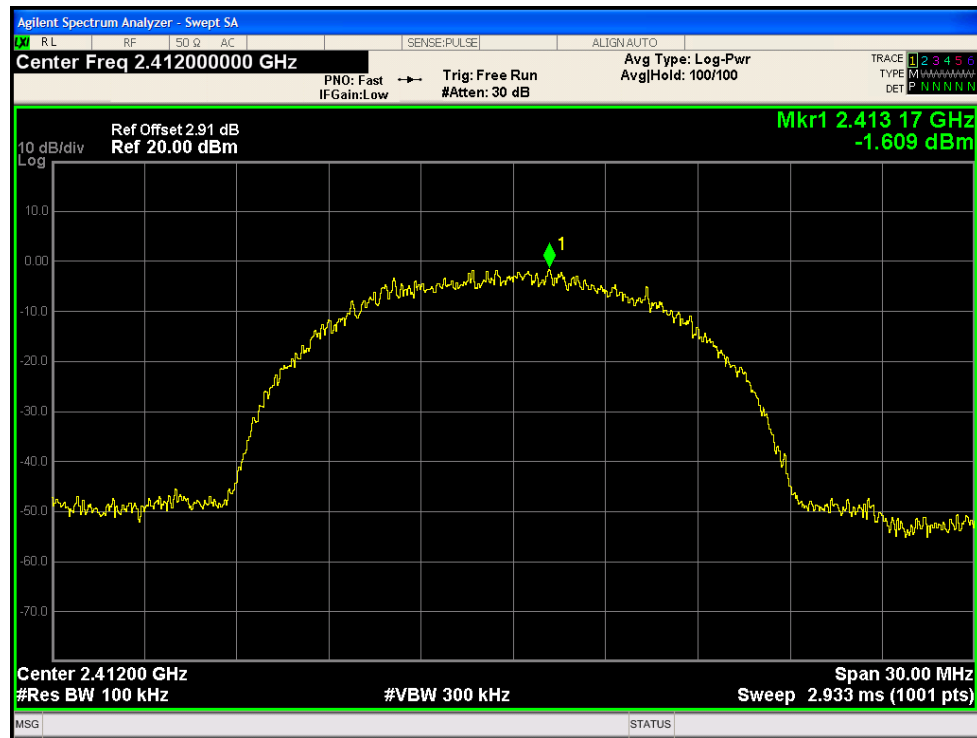


4. Maximum Power Spectral Density Level

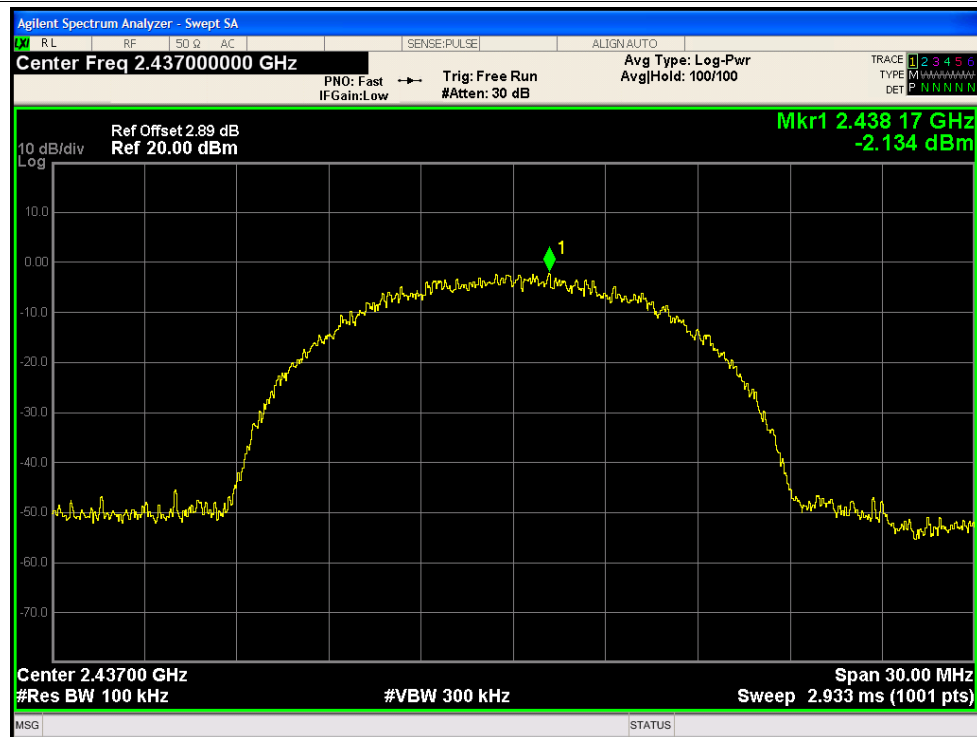
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-1.61	0	-1.61	8	Pass
NVNT	b	2437	Ant1	-2.13	0	-2.13	8	Pass
NVNT	b	2462	Ant1	-1.37	0	-1.37	8	Pass
NVNT	g	2412	Ant1	-4.29	0	-4.29	8	Pass
NVNT	g	2437	Ant1	-5.07	0	-5.07	8	Pass
NVNT	g	2462	Ant1	-4.93	0	-4.93	8	Pass
NVNT	n20	2412	Ant1	-5.08	0	-5.08	8	Pass
NVNT	n20	2437	Ant1	-5.3	0	-5.3	8	Pass
NVNT	n20	2462	Ant1	-5.49	0	-5.49	8	Pass
NVNT	n40	2422	Ant1	-8.23	0	-8.23	8	Pass
NVNT	n40	2437	Ant1	-8.61	0	-8.61	8	Pass
NVNT	n40	2452	Ant1	-8.91	0	-8.91	8	Pass

Test Graphs

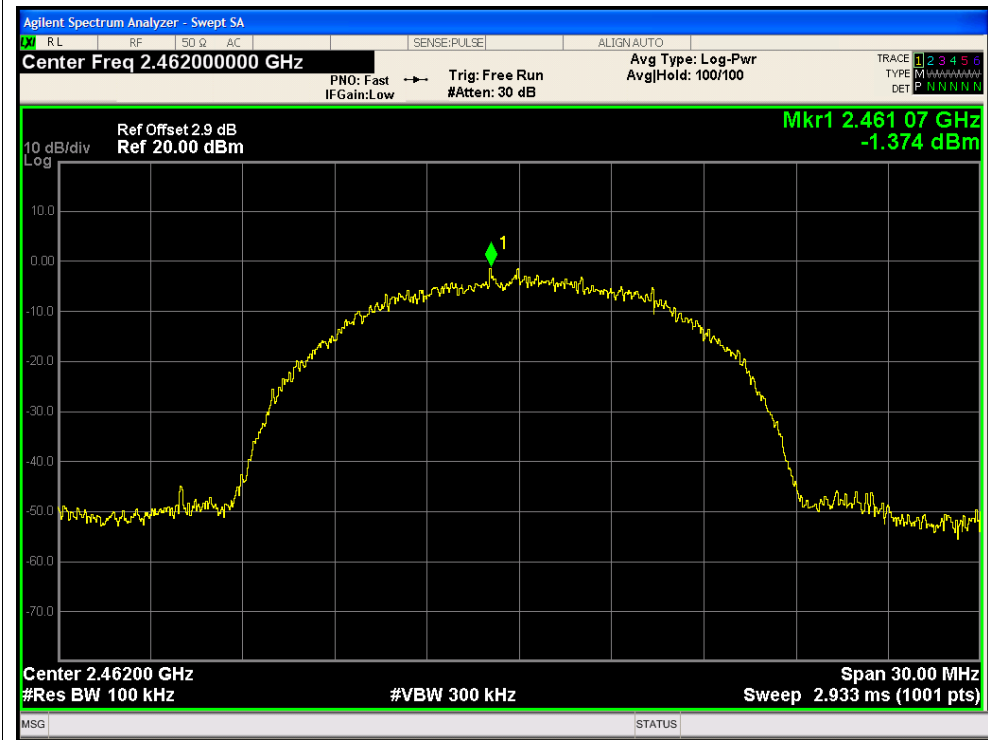
PSD NVNT b 2412MHz Ant1



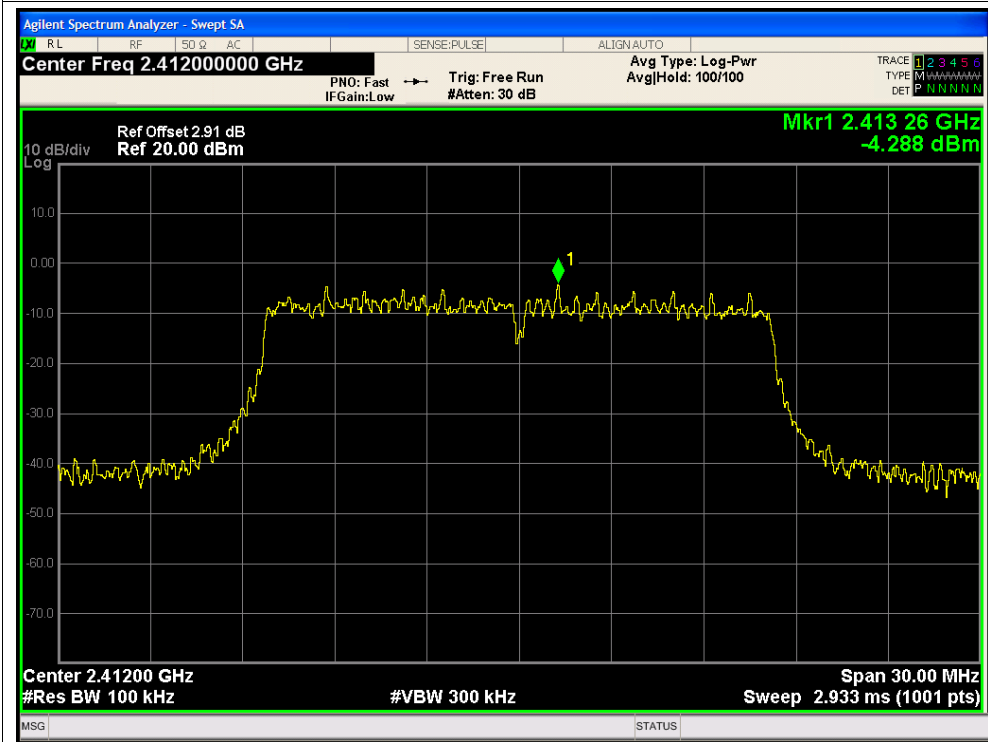
PSD NVNT b 2437MHz Ant1



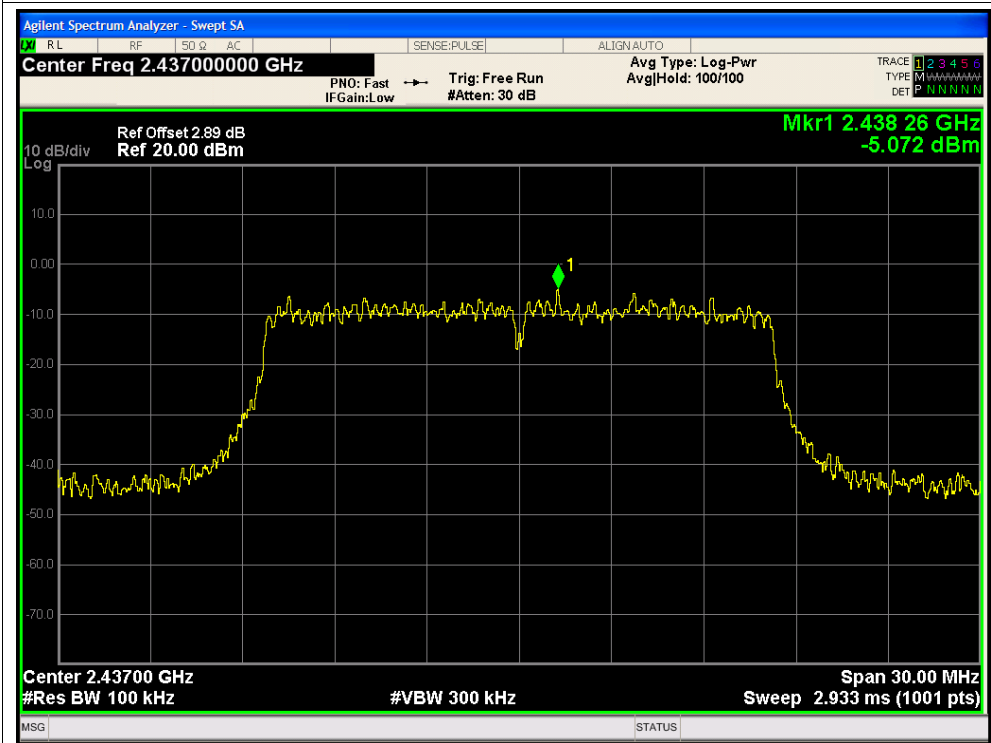
PSD NVNT b 2462MHz Ant1



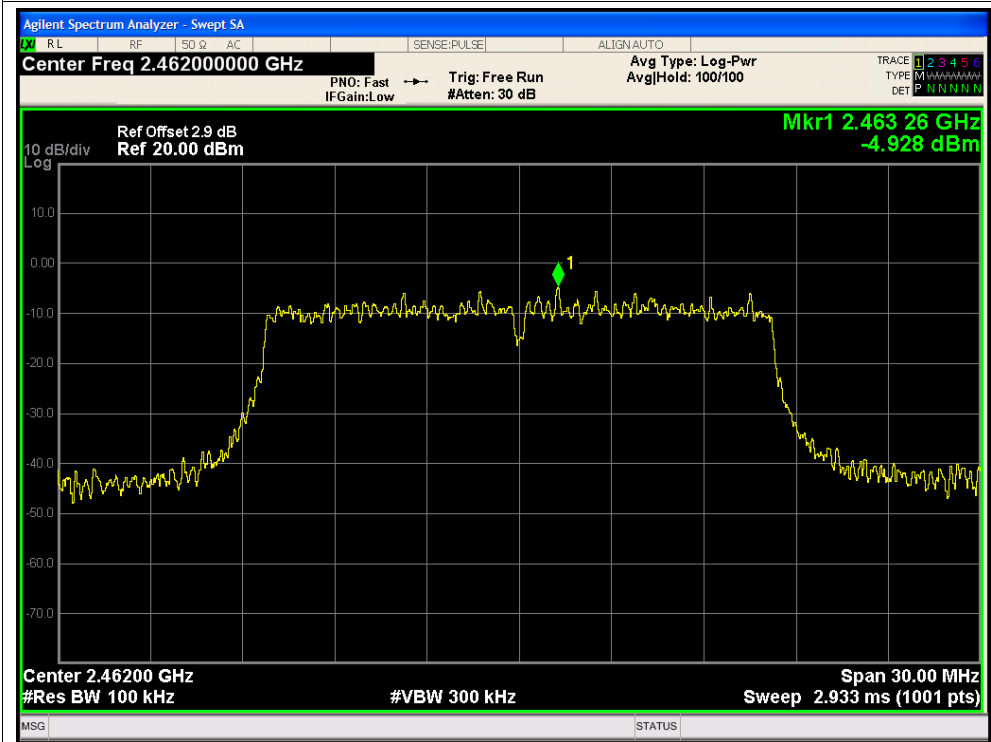
PSD NVNT g 2412MHz Ant1



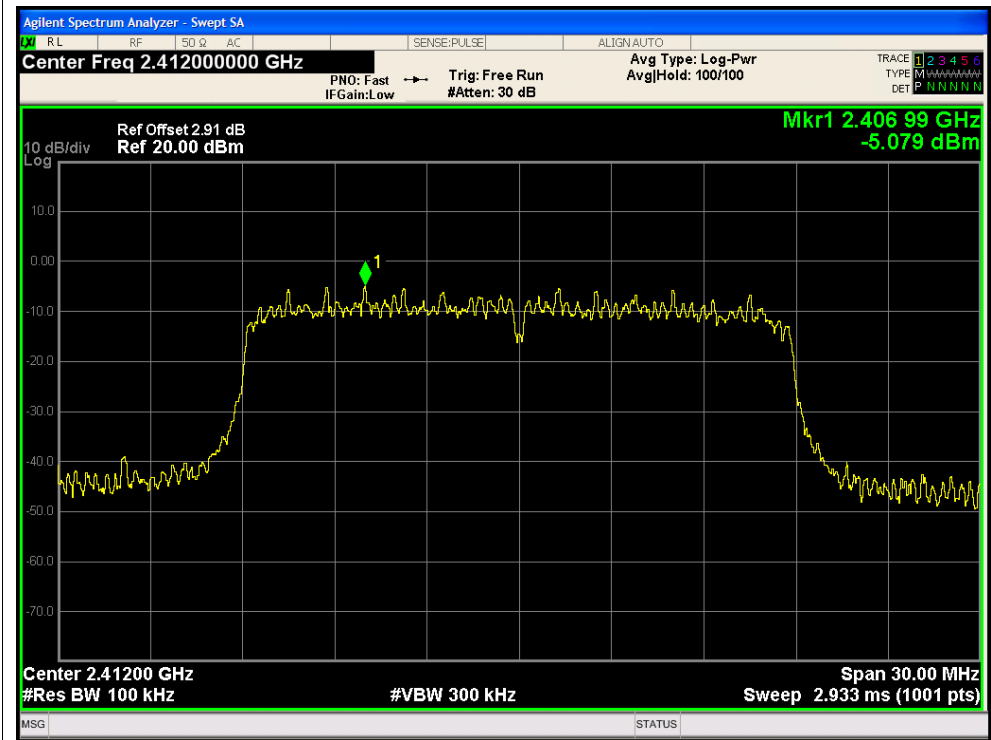
PSD NVNT g 2437MHz Ant1



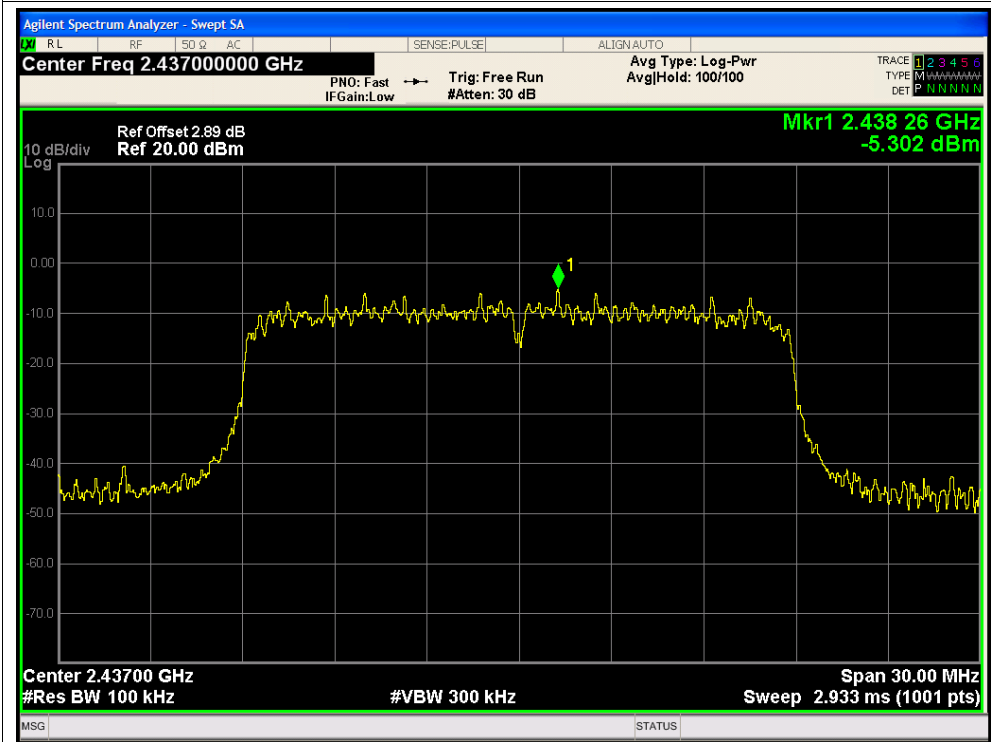
PSD NVNT g 2462MHz Ant1



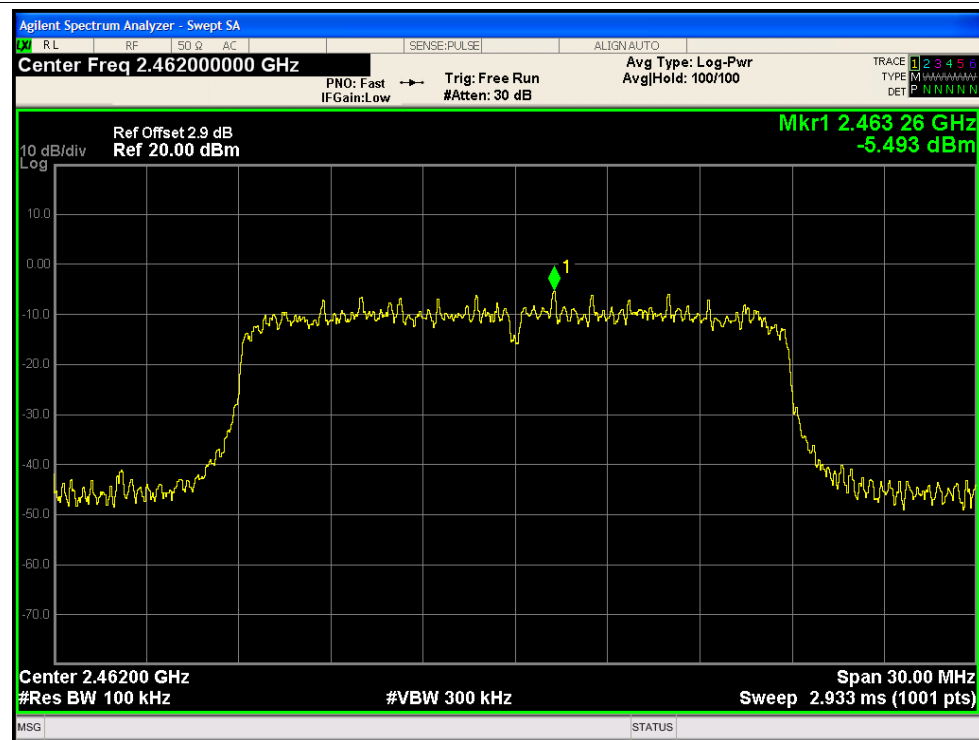
PSD NVNT n20 2412MHz Ant1



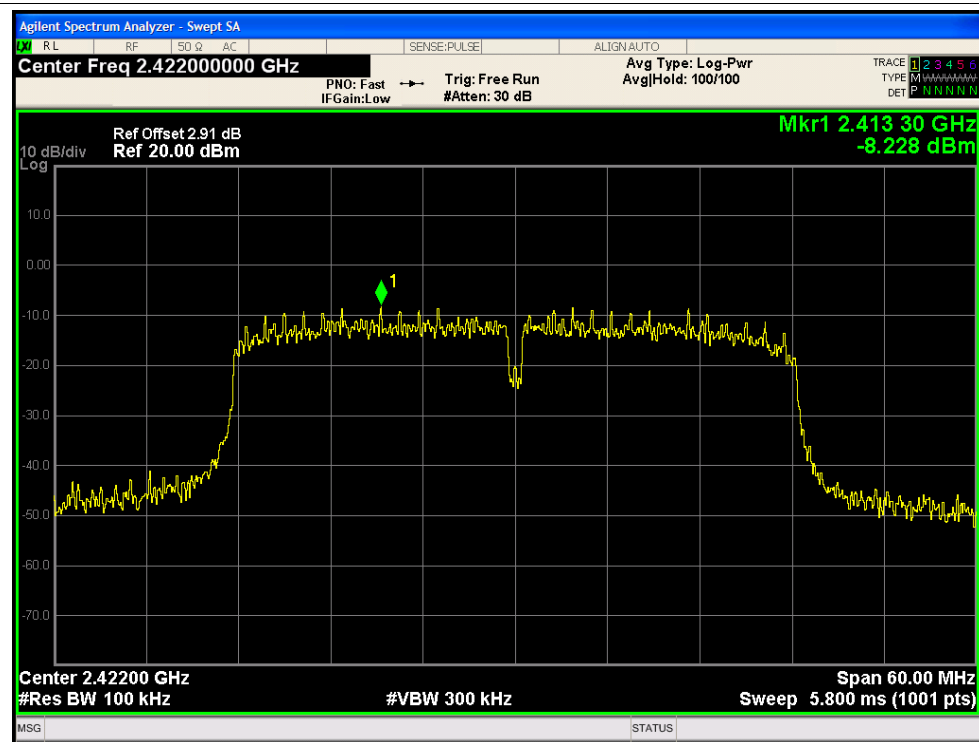
PSD NVNT n20 2437MHz Ant1



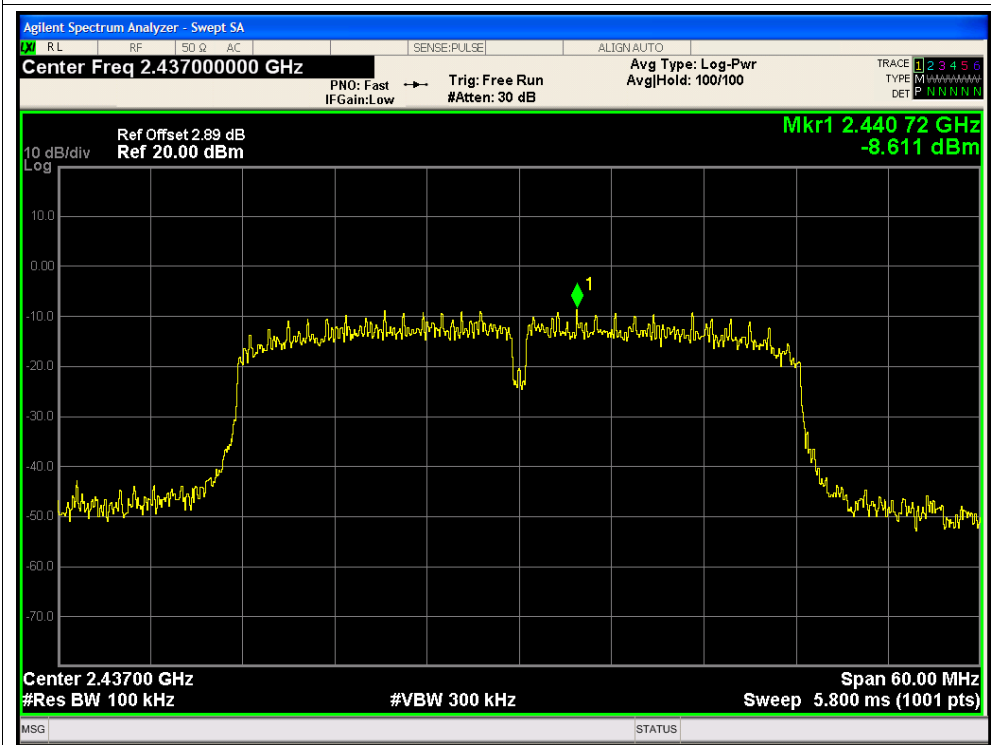
PSD NVNT n20 2462MHz Ant1



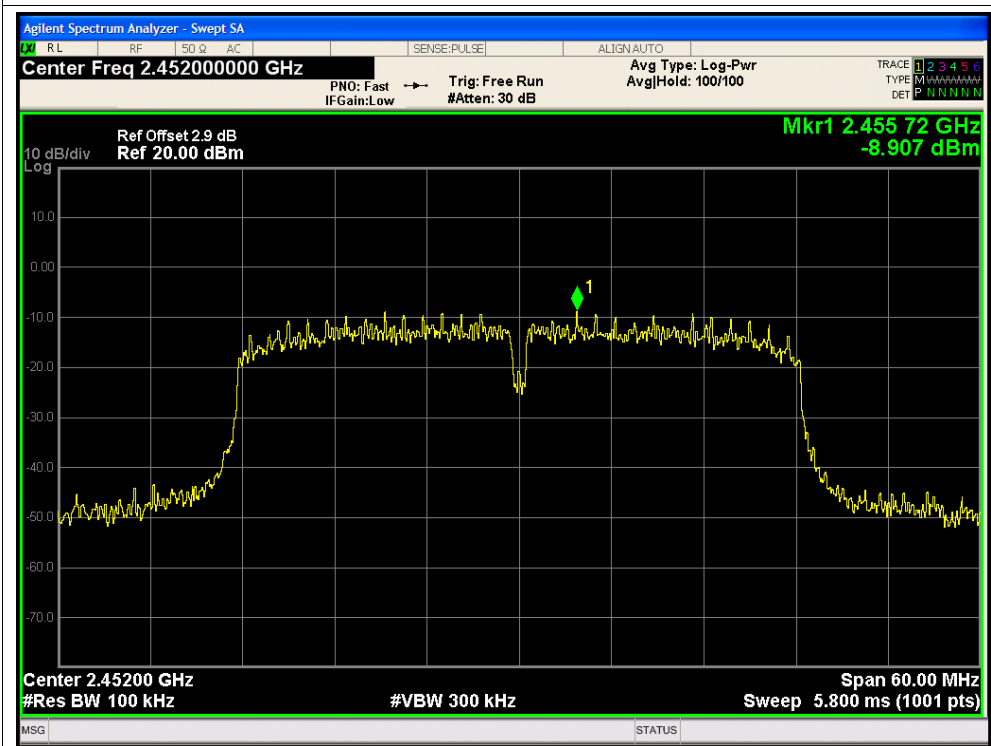
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

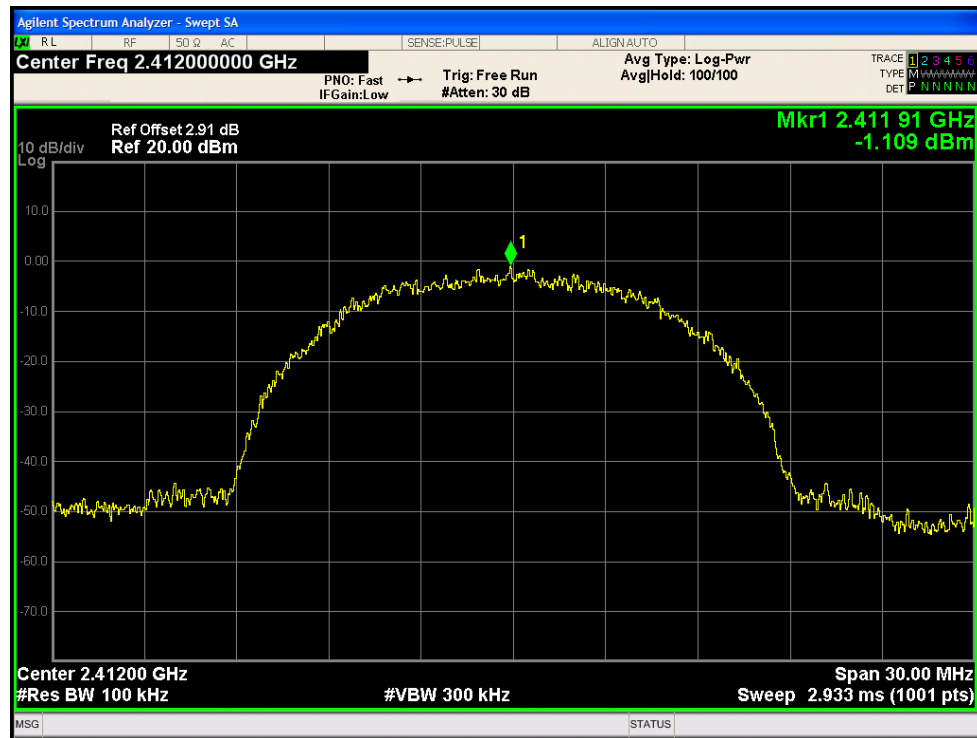


5. Band Edge

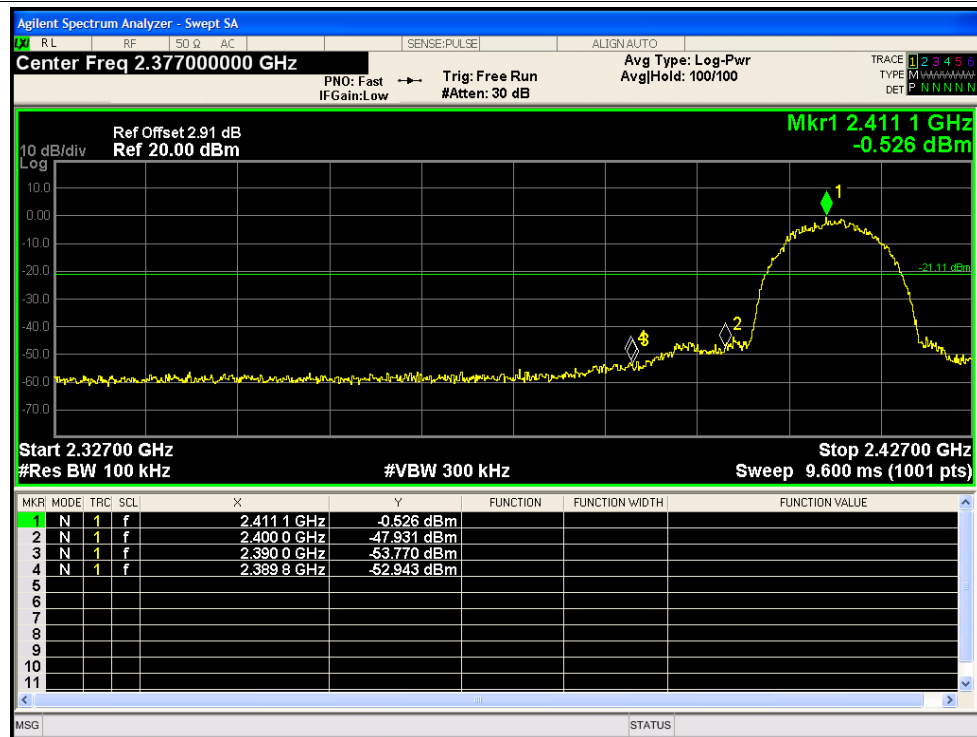
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-51.83	-20	Pass
NVNT	b	2462	Ant1	-51.44	-20	Pass
NVNT	g	2412	Ant1	-42.01	-20	Pass
NVNT	g	2462	Ant1	-39.93	-20	Pass
NVNT	n20	2412	Ant1	-41.49	-20	Pass
NVNT	n20	2462	Ant1	-40.04	-20	Pass
NVNT	n40	2422	Ant1	-35.29	-20	Pass
NVNT	n40	2452	Ant1	-37.46	-20	Pass

Test Graphs

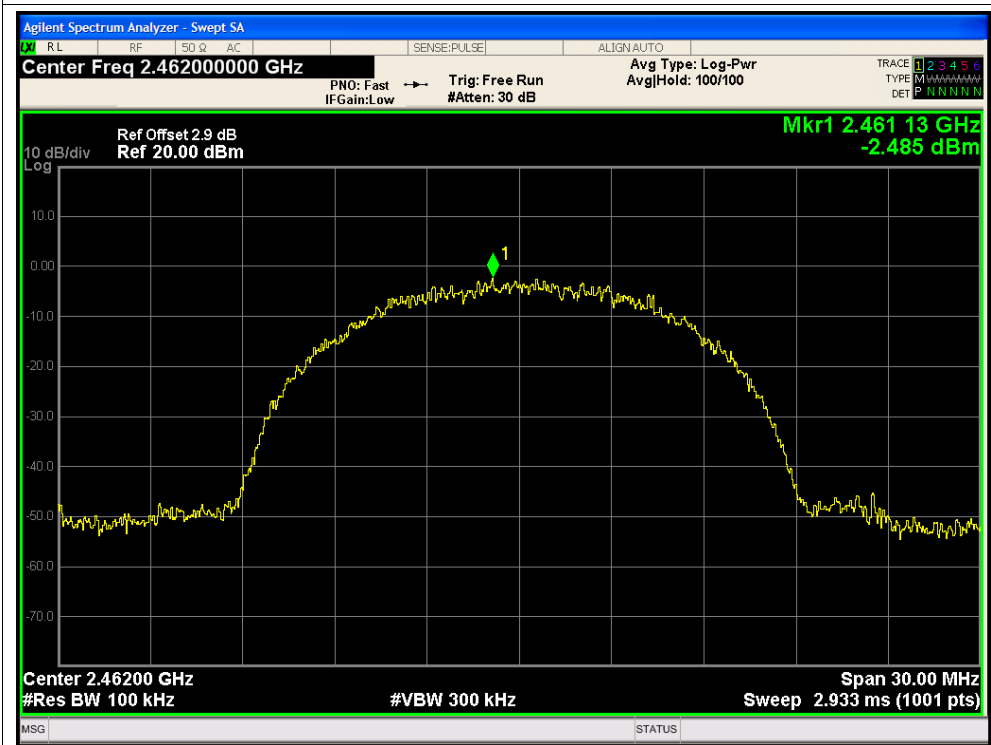
Band Edge NVNT b 2412MHz Ant1 Ref



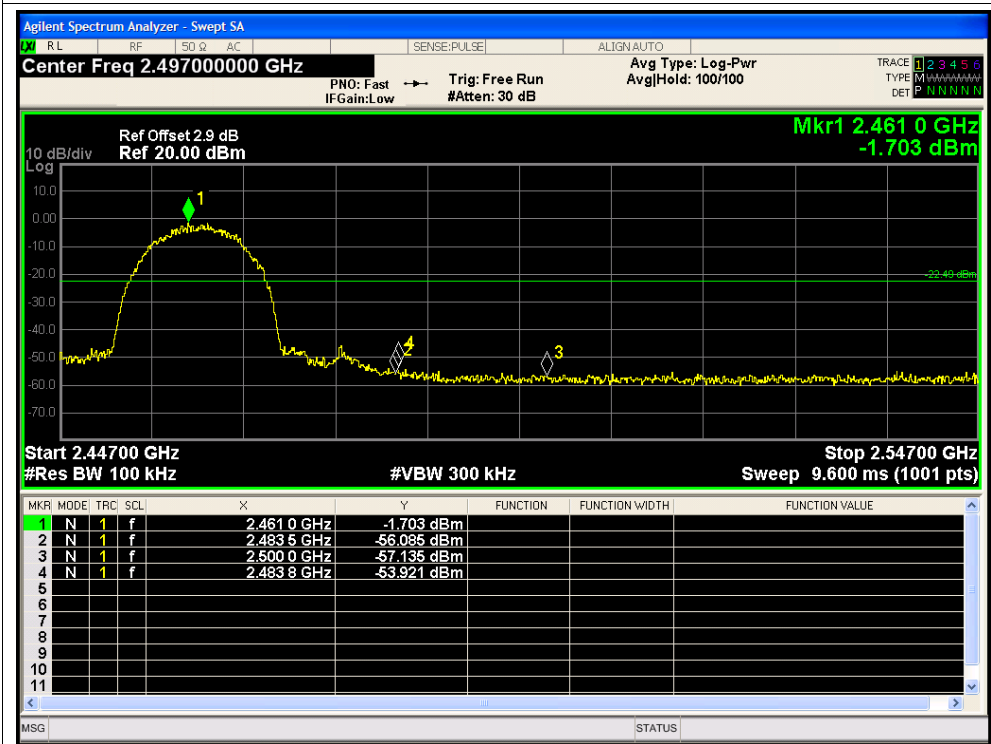
Band Edge NVNT b 2412MHz Ant1 Emission



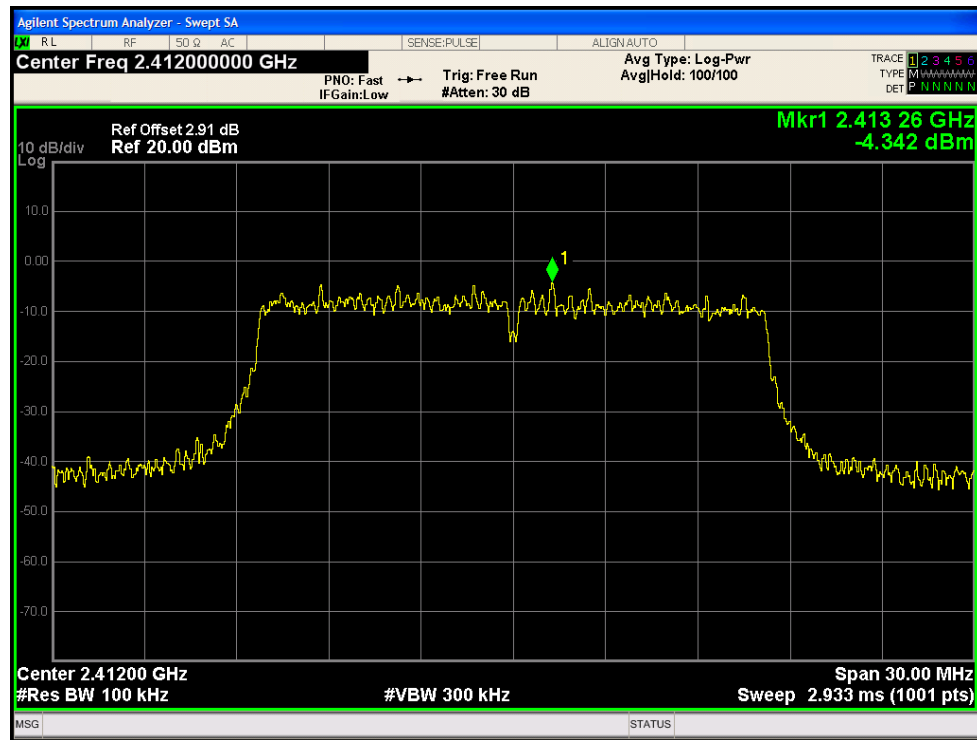
Band Edge NVNT b 2462MHz Ant1 Ref



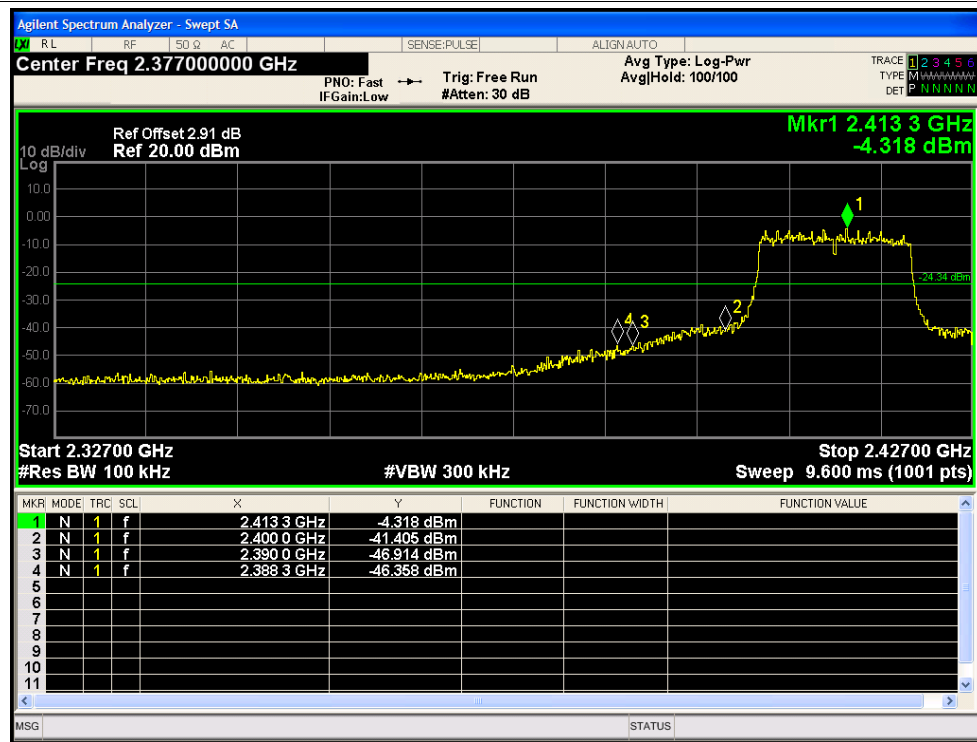
Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission



Agilent Spectrum Analyzer - Swept SA

Center Freq 2.46200000 GHz

Ref Offset 2.9 dB
Ref 20.00 dBm

10 dB/div
Log

Mkr1 2.463 26 GHz
-4.983 dBm

Center 2.46200 GHz
#Res BW 100 kHz
#VBW 300 kHz

Span 30.00 MHz
Sweep 2.933 ms (1001 pts)

The screenshot displays a spectrum analyzer interface with a yellow trace showing a signal. A marker '1' is placed on the trace at 2.463 GHz with a power level of -4.983 dBm. The y-axis is labeled '10 dB/div Log' and ranges from -70.0 to 10.0. The x-axis represents frequency, with a center frequency of 2.46200 GHz and a span of 30.00 MHz. The bottom status bar shows 'MSG' and 'STATUS' indicators.

[illegible]

Band Edge NVNT n20 2412MHz Ant1 Ref

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO

Center Freq 2.41200000 GHz

PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB

Avg Type: Log-Pwr AvgHold: 100/100

TRACE 1 2 3 4 5 6
TYPE M M M M M M M M
DET P N N N N N N

Ref Offset 2.91 dB
Ref 20.00 dBm

10 dB/div
Log

Mkr1 2.406 99 GHz
-4.938 dBm

1

Center 2.41200 GHz
#Res BW 100 kHz
#VBW 300 kHz

Span 30.00 MHz
Sweep 2.933 ms (1001 pts)

MSG STATUS

Band Edge NVNT n20 2412MHz Ant1 Emission

Analyzer Settings:
 Center Freq: 2.37700000 GHz
 PNO: Fast IF Gain: Low
 Trigg: Free Run #Atten: 30 dB
 Avg Type: Log-Pwr Avg|Hold: 100/100

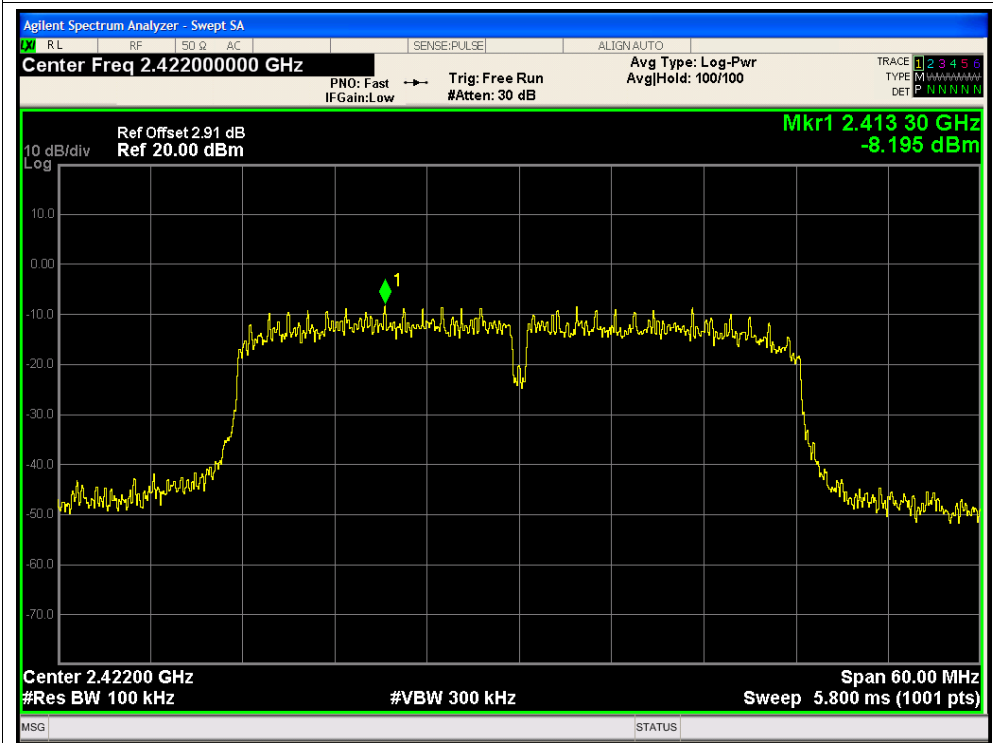
Measurement Data:

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.413 3 GHz	-4.937 dBm			
2	N	1	f	2.400 0 GHz	-42.665 dBm			
3	N	1	f	2.390 0 GHz	-47.882 dBm			
4	N	1	f	2.389 5 GHz	-46.436 dBm			

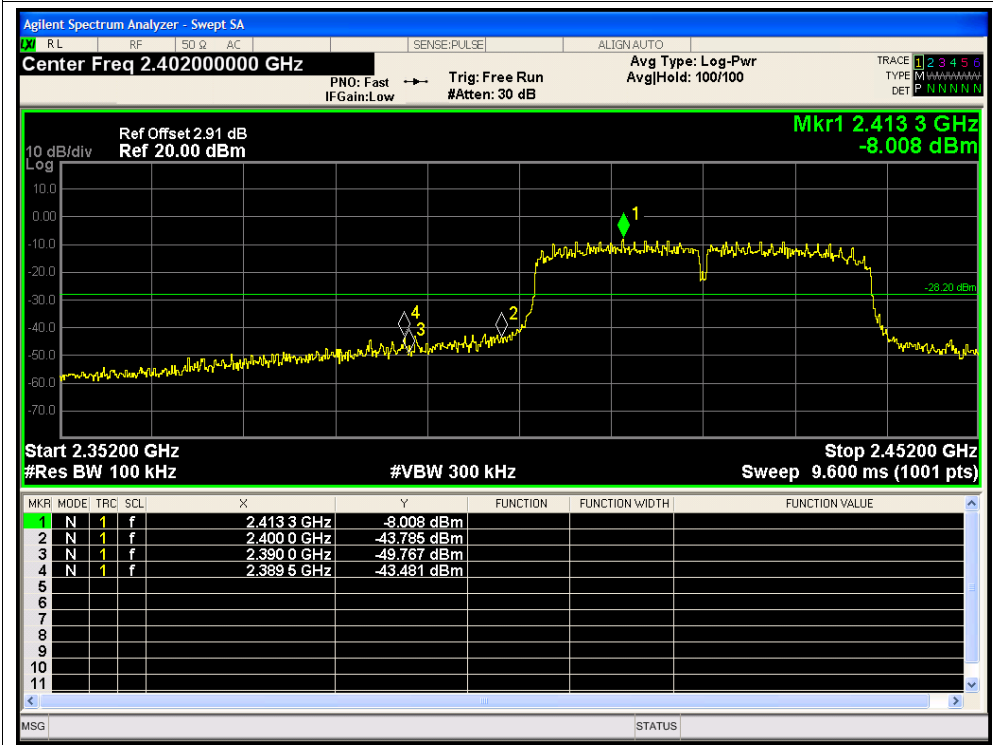
Plot Parameters:
 Ref Offset 2.91 dB
 Ref 20.00 dBm
 10 dB/div
 Log
 Start 2.32700 GHz
 #Res BW 100 kHz
 #VBW 300 kHz
 Stop 2.42700 GHz
 Sweep 9.600 ms (1001 pts)

[illegible][illegible]

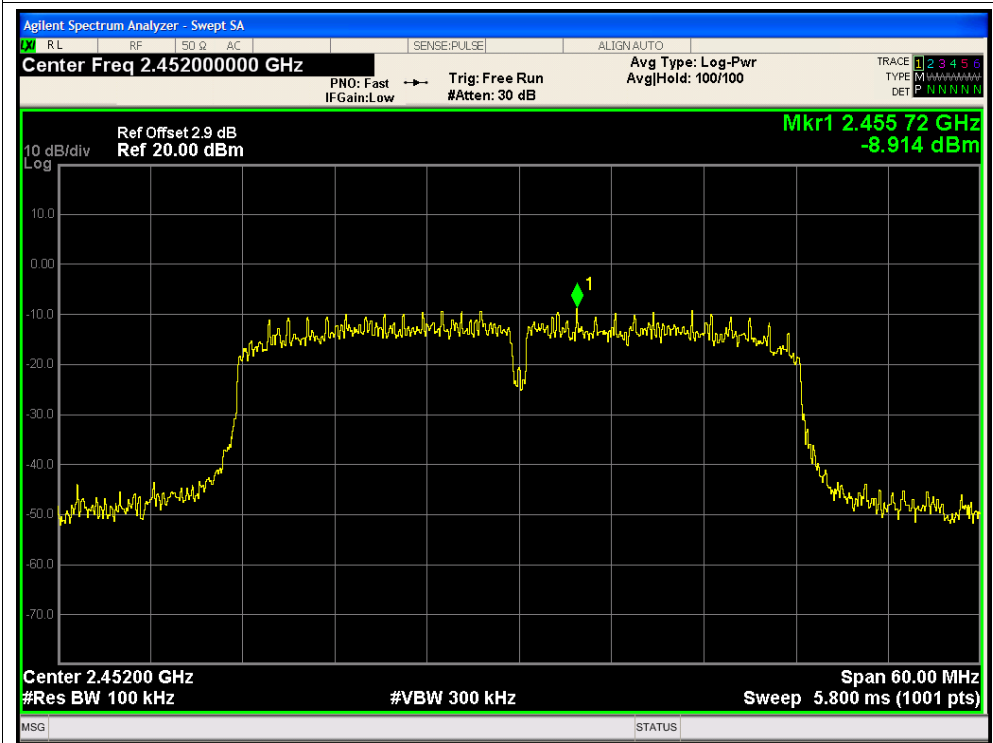
Band Edge NVNT n40 2422MHz Ant1 Ref



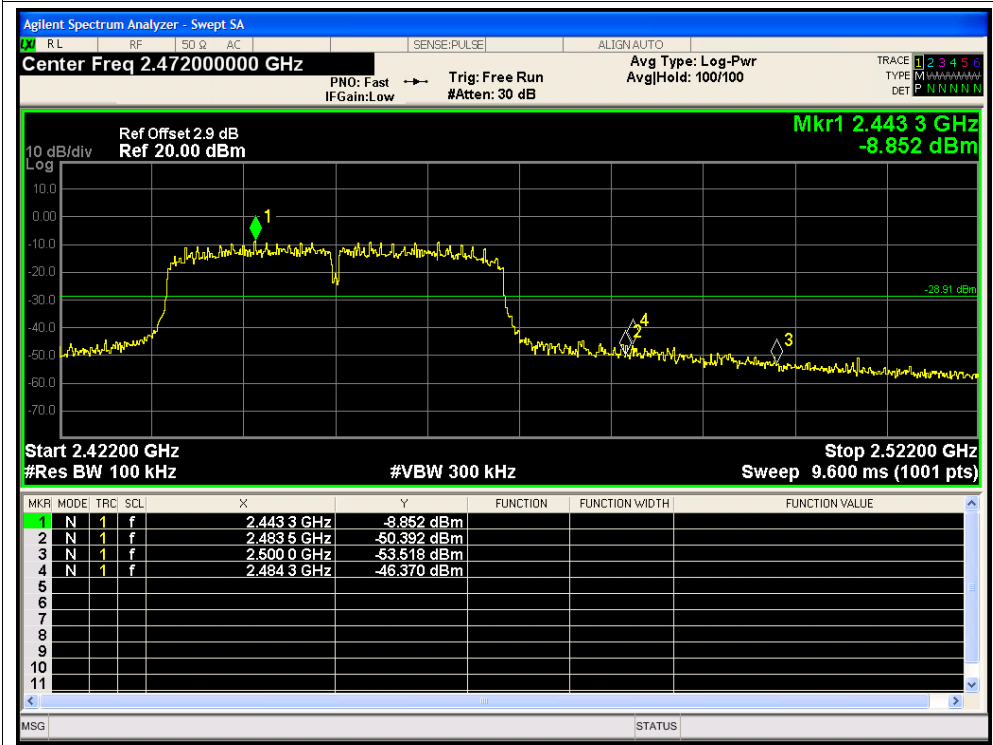
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

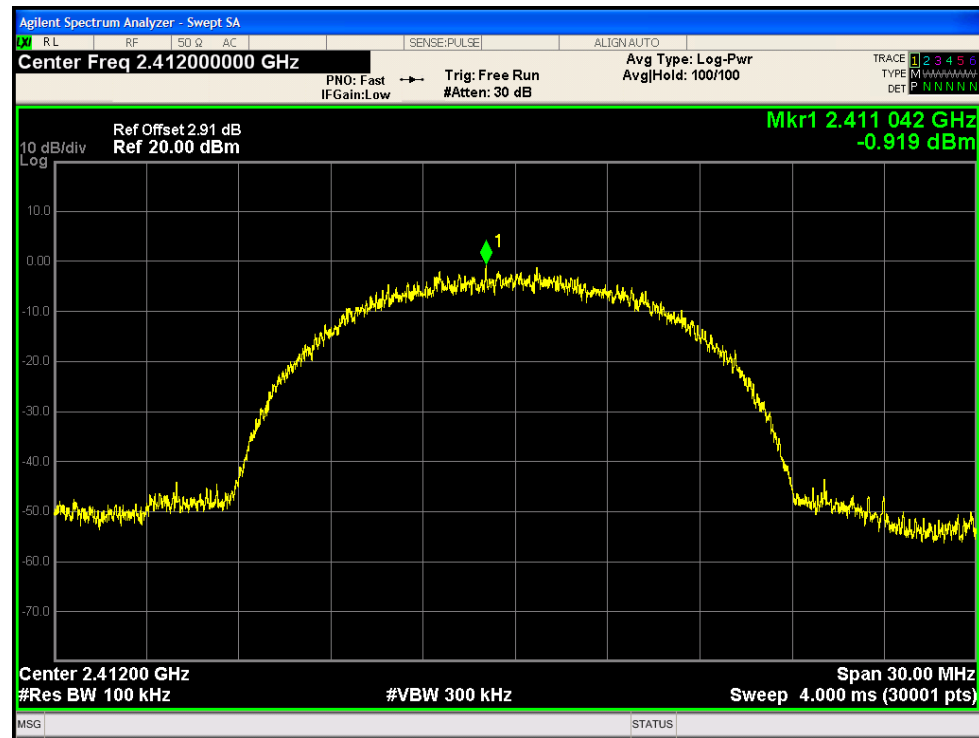


6. Conducted RF Spurious Emission

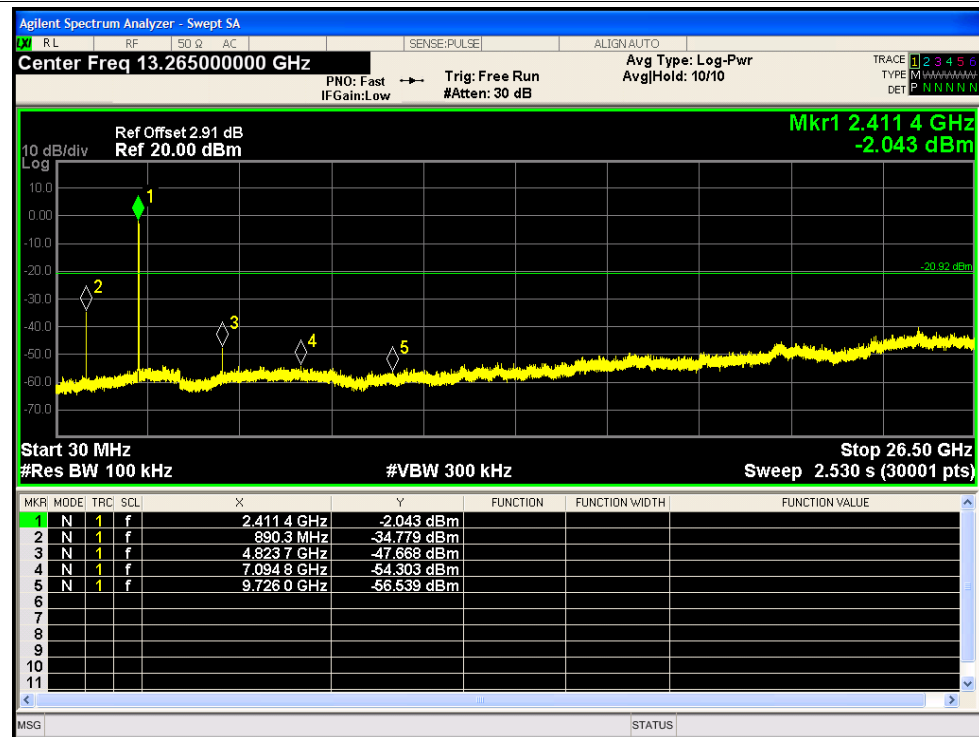
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-33.85	-20	Pass
NVNT	b	2437	Ant1	-38.9	-20	Pass
NVNT	b	2462	Ant1	-39.78	-20	Pass
NVNT	g	2412	Ant1	-36.91	-20	Pass
NVNT	g	2437	Ant1	-35.76	-20	Pass
NVNT	g	2462	Ant1	-36.49	-20	Pass
NVNT	n20	2412	Ant1	-36.6	-20	Pass
NVNT	n20	2437	Ant1	-25.83	-20	Pass
NVNT	n20	2462	Ant1	-35.89	-20	Pass
NVNT	n40	2422	Ant1	-33.53	-20	Pass
NVNT	n40	2437	Ant1	-33.01	-20	Pass
NVNT	n40	2452	Ant1	-32.77	-20	Pass

Test Graphs

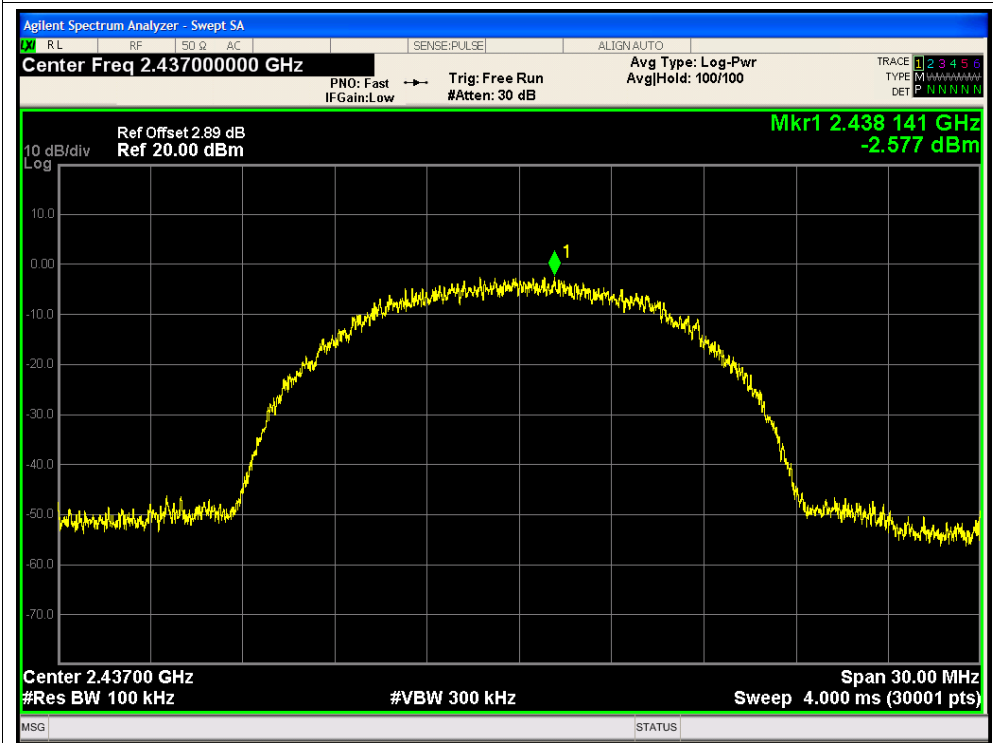
Tx. Spurious NVNT b 2412MHz Ant1 Ref



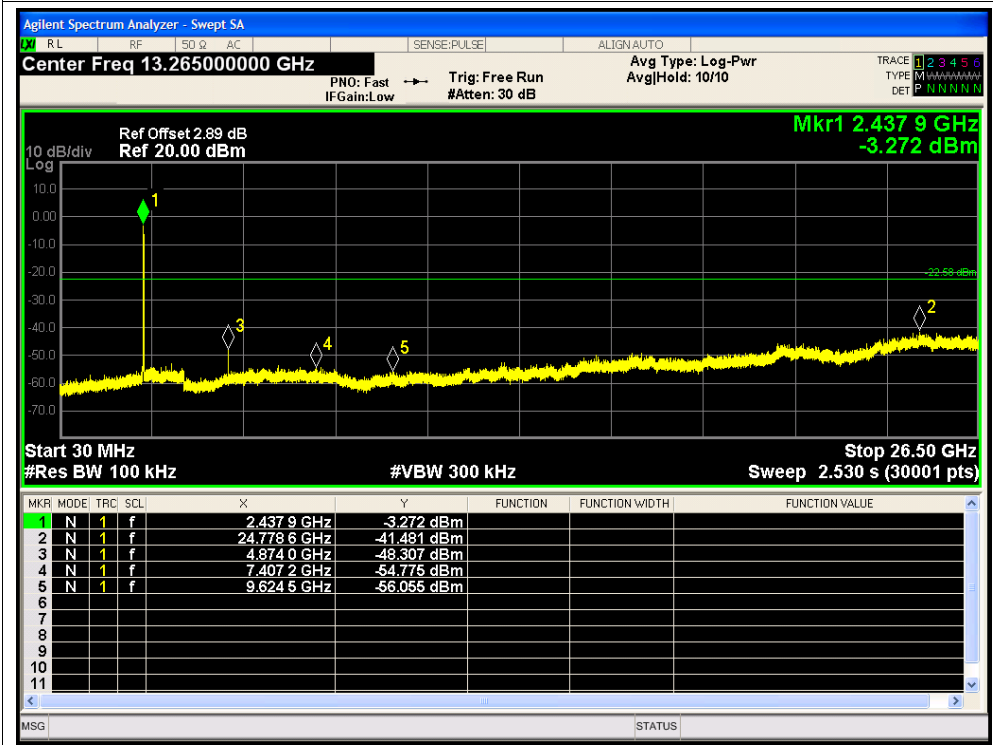
Tx. Spurious NVNT b 2412MHz Ant1 Emission



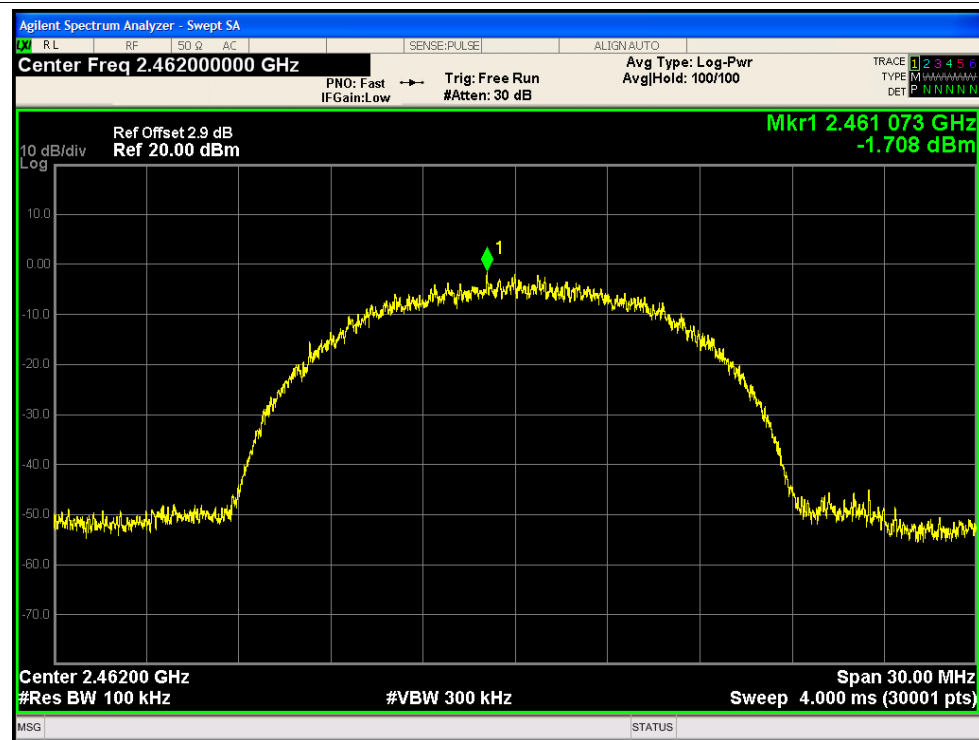
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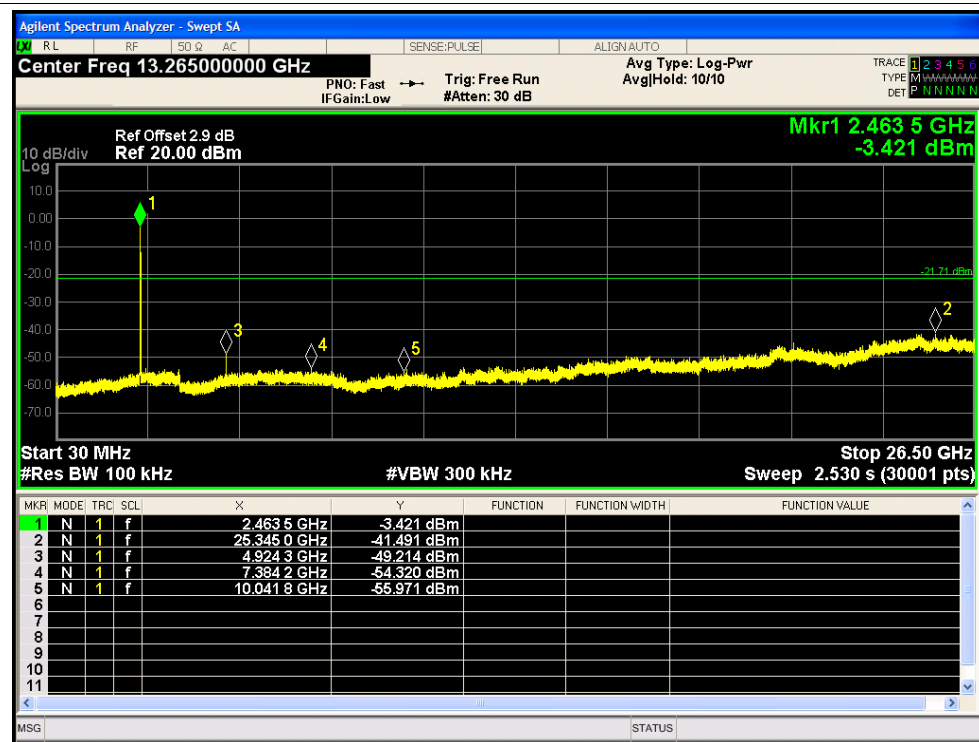
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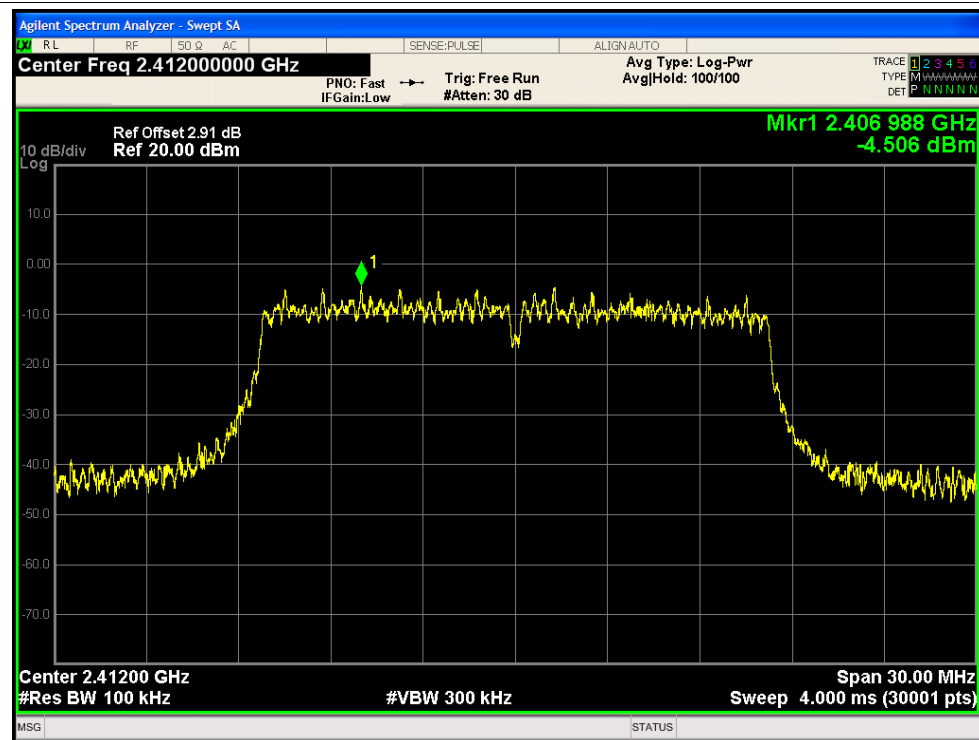
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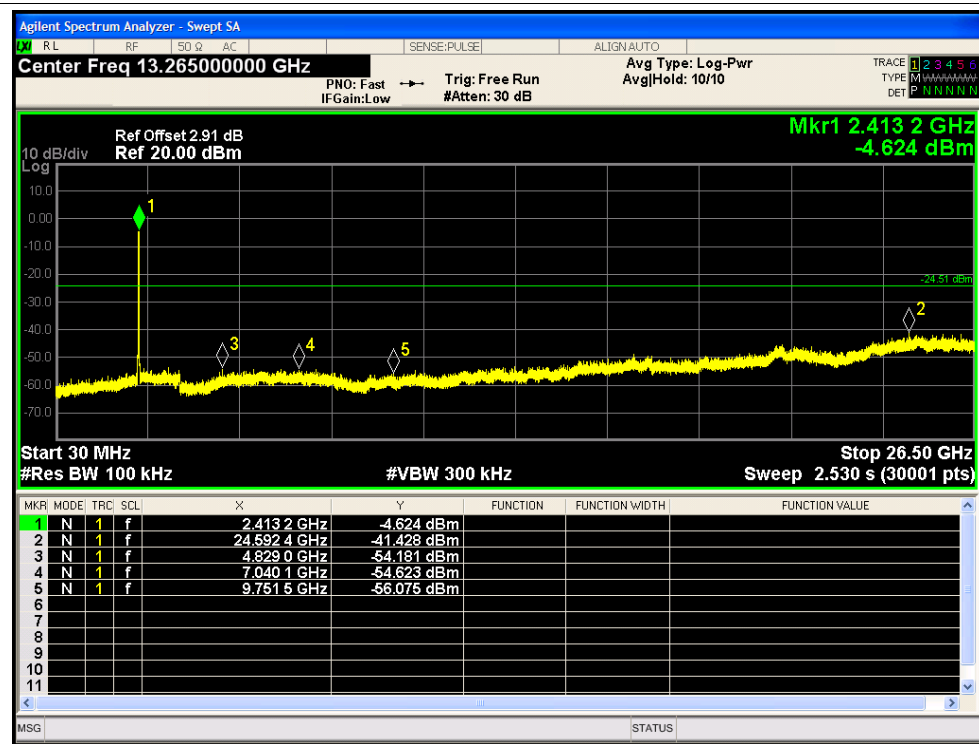
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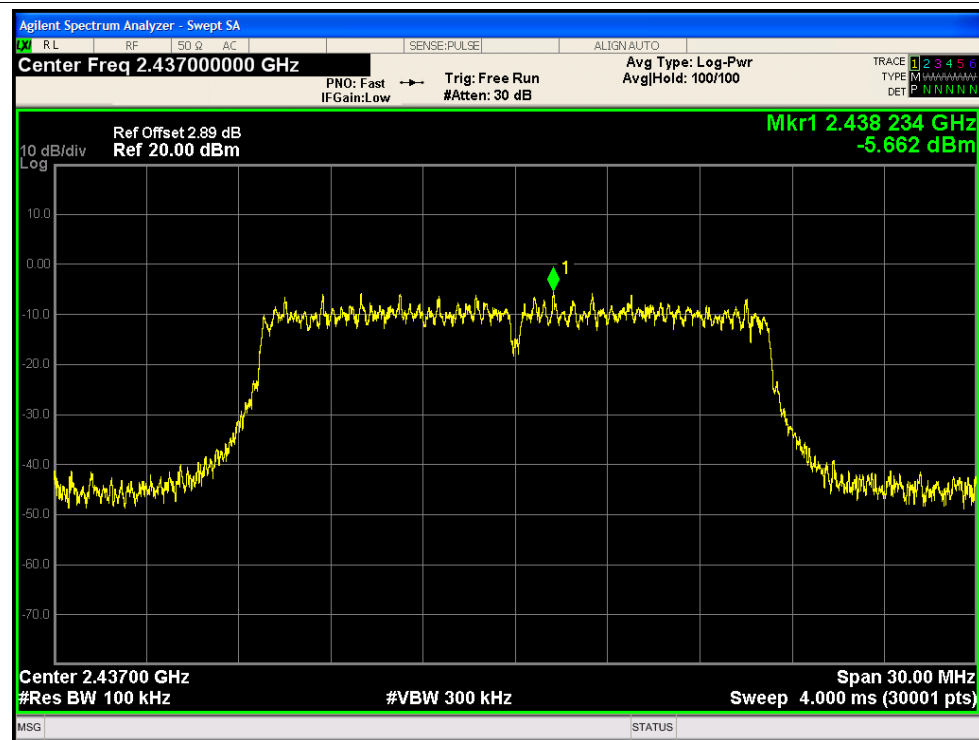
Tx. Spurious NVNT g 2412MHz Ant1 Ref



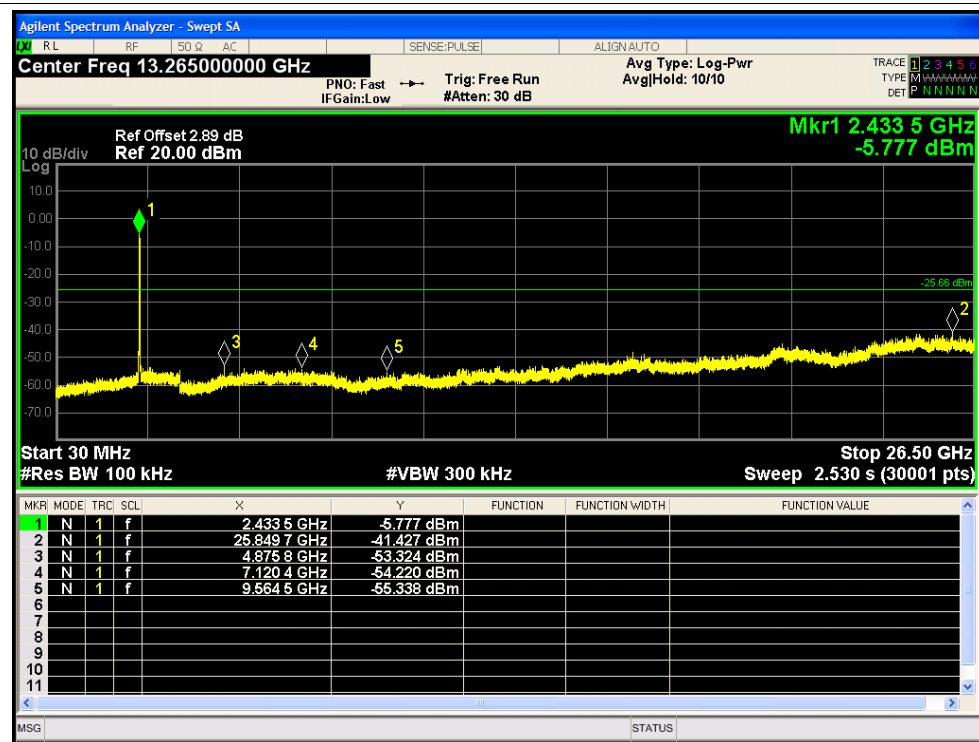
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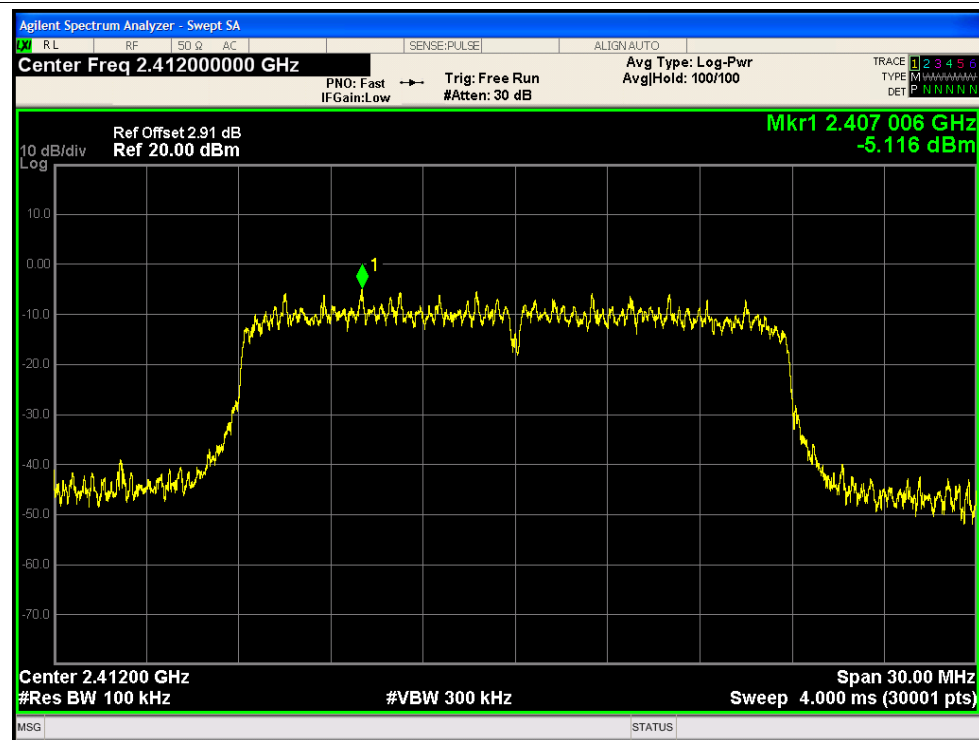
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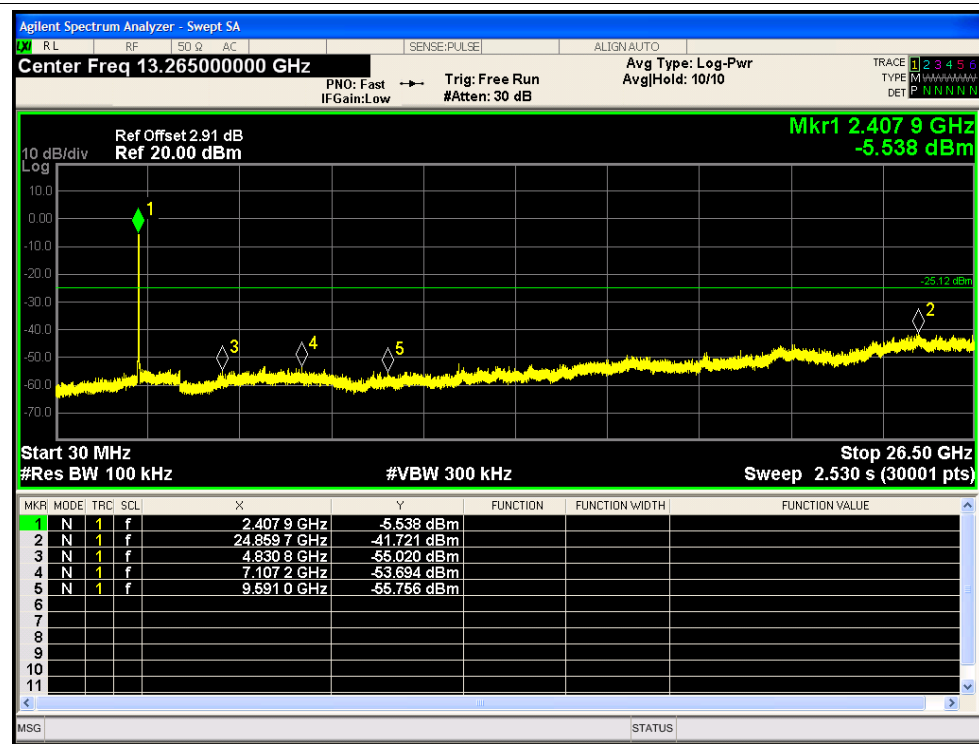
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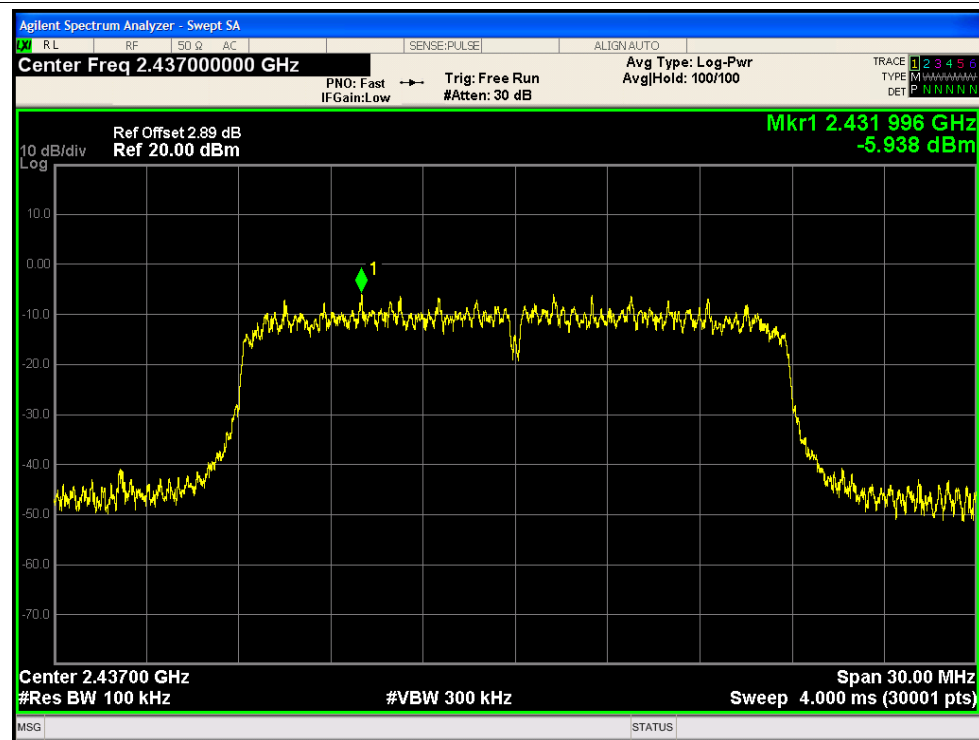
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



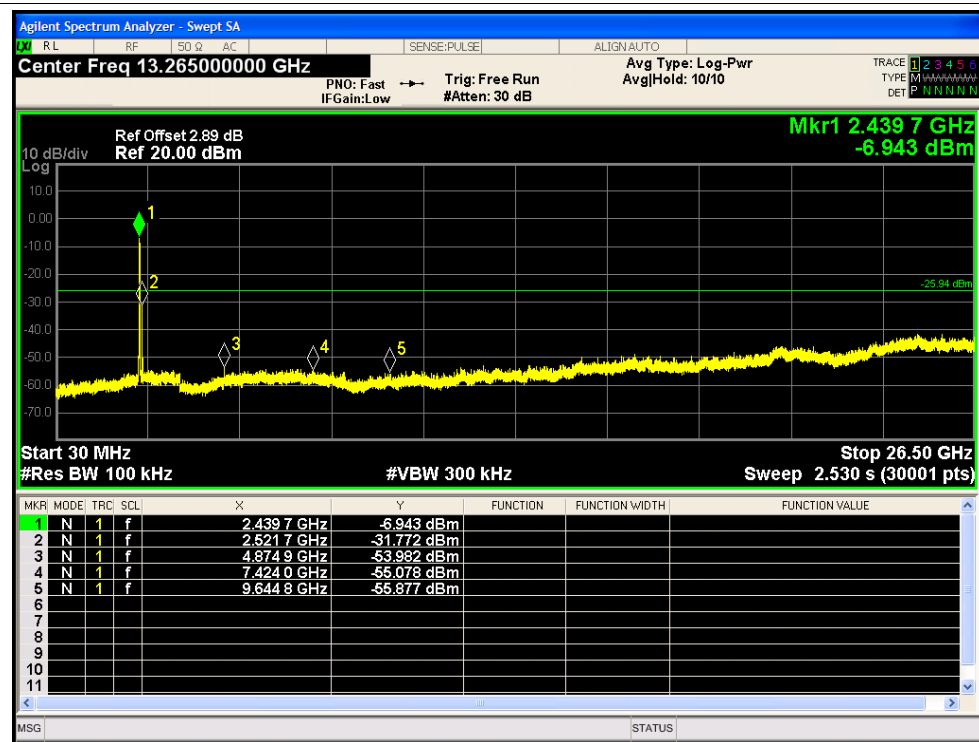
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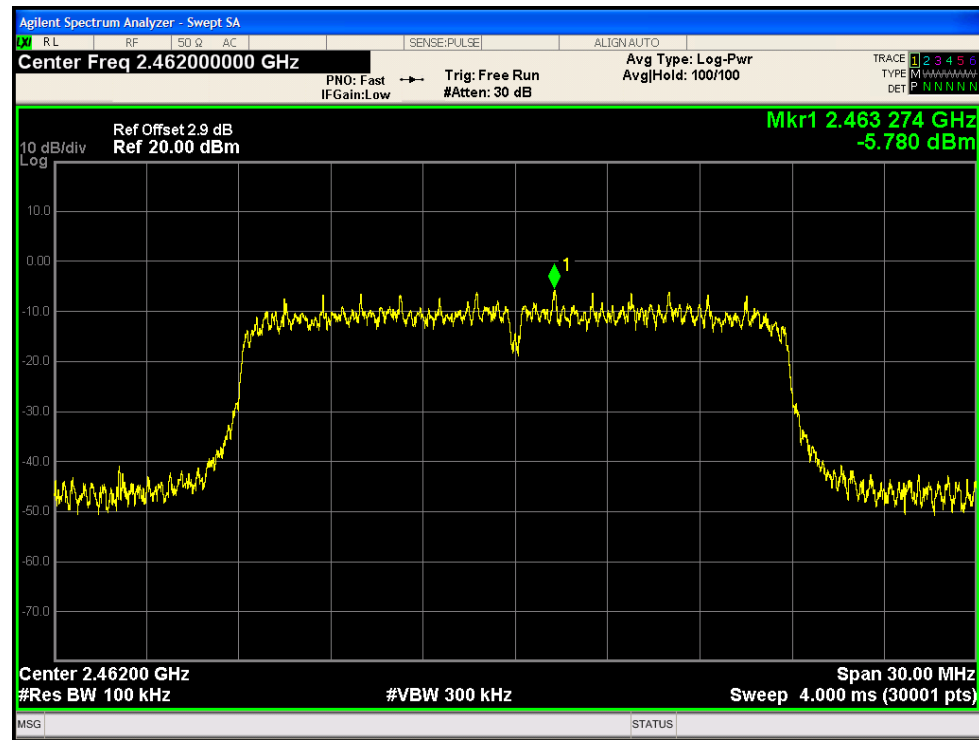
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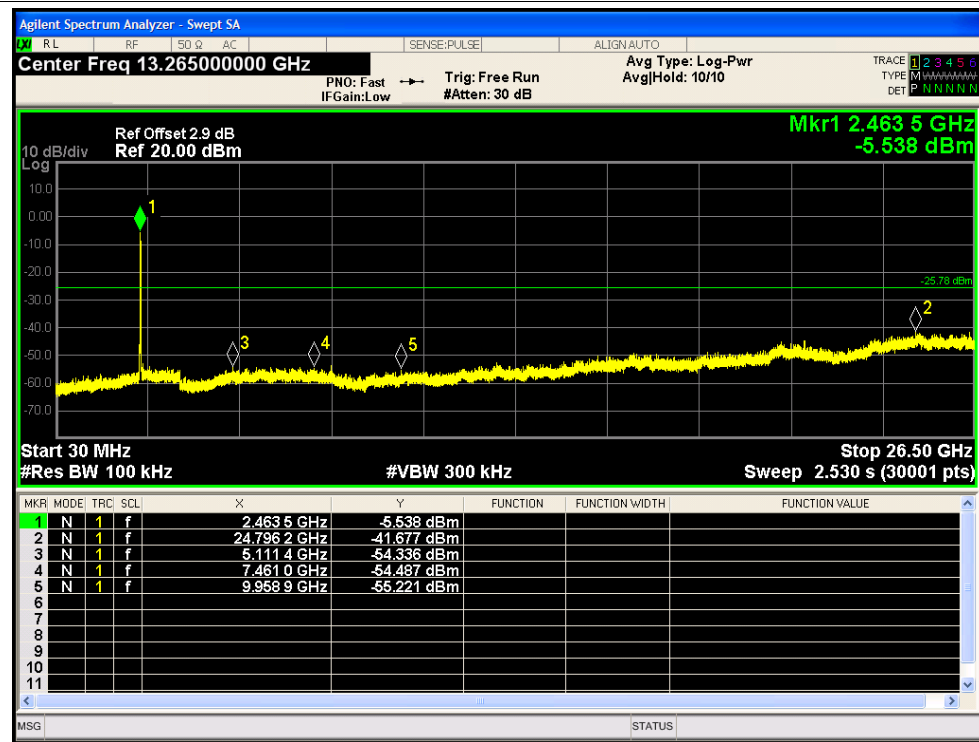
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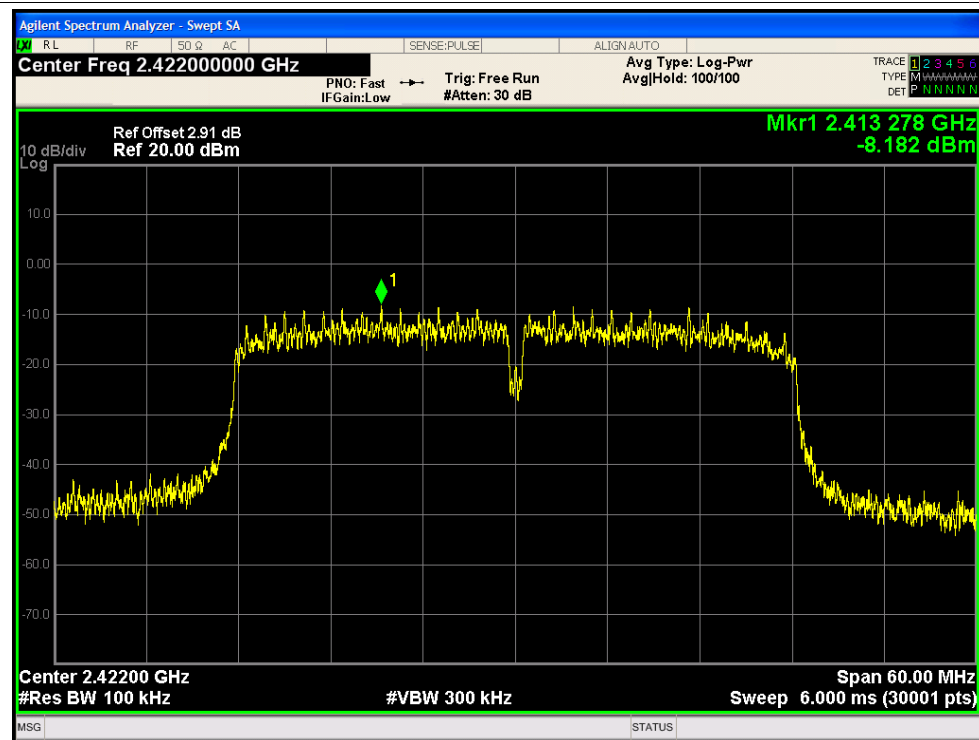
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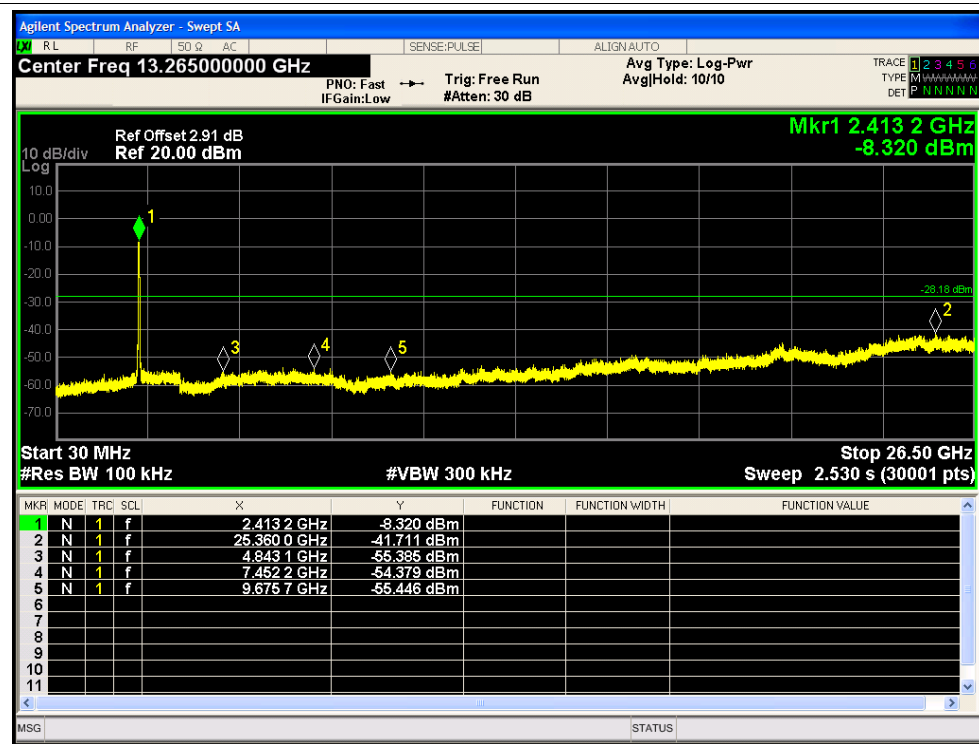
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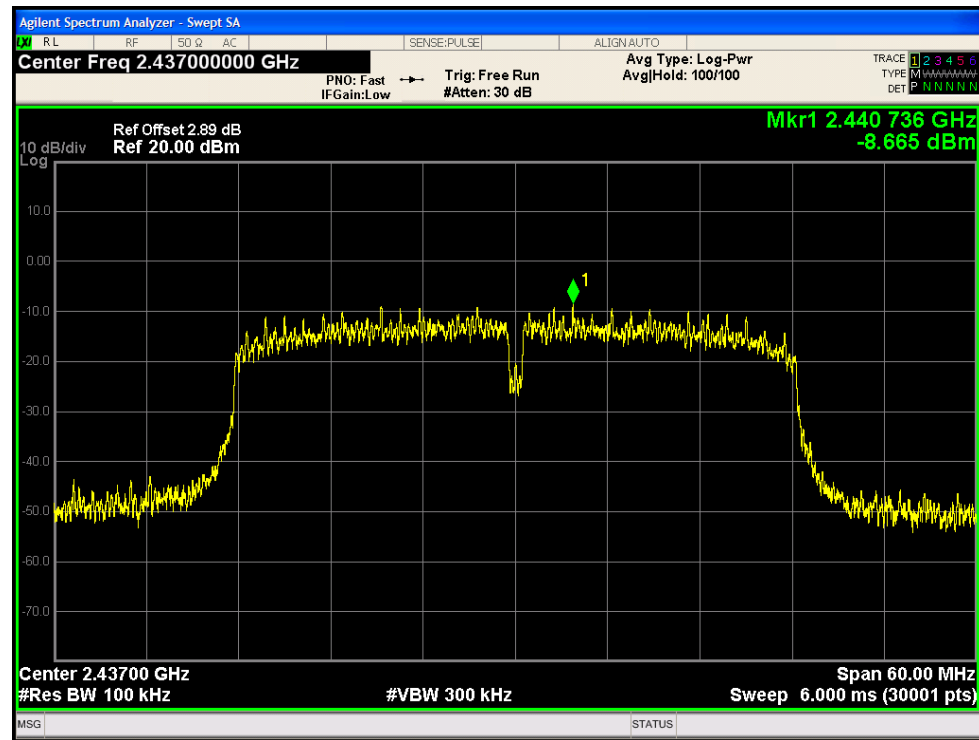
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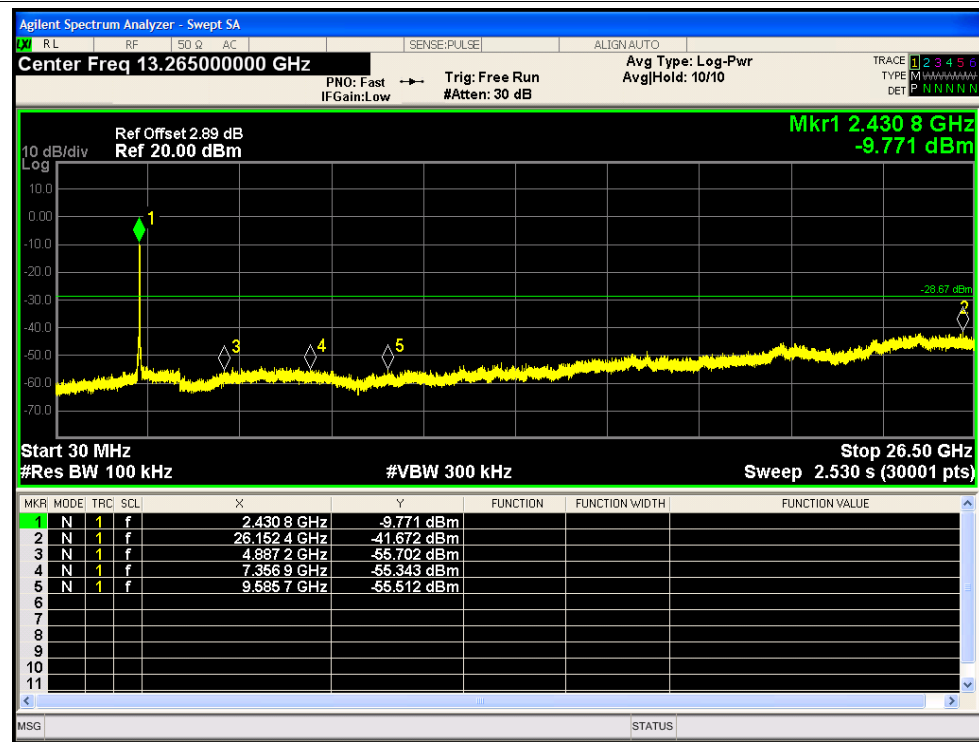
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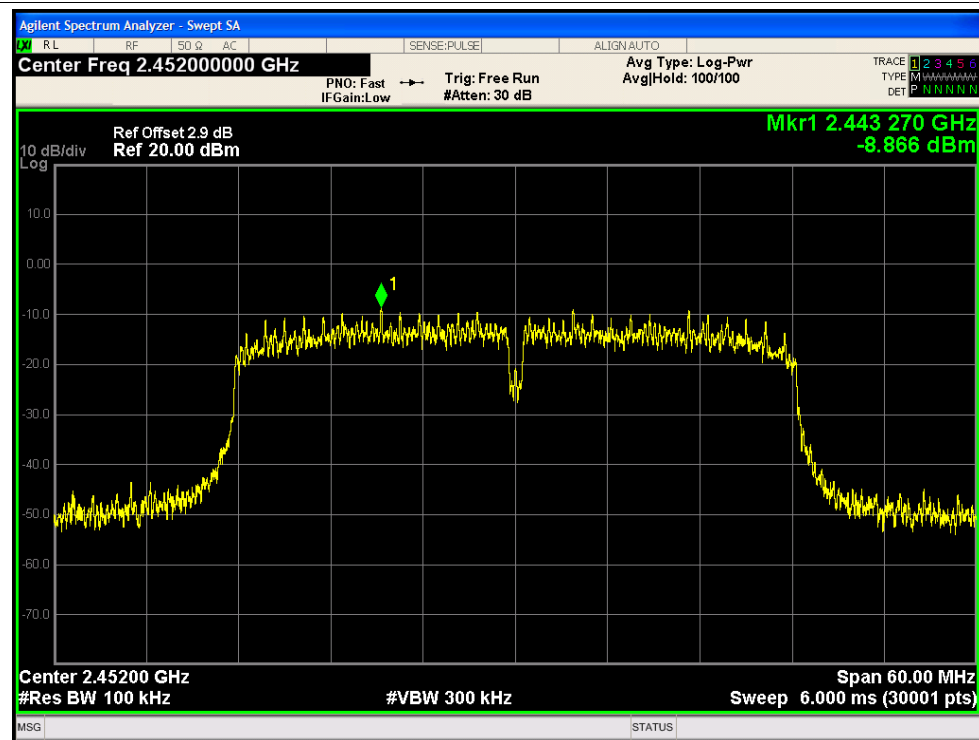
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

