



Appendix B

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: LED Bulb

Test Model: E26-15W-SMT

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li huan



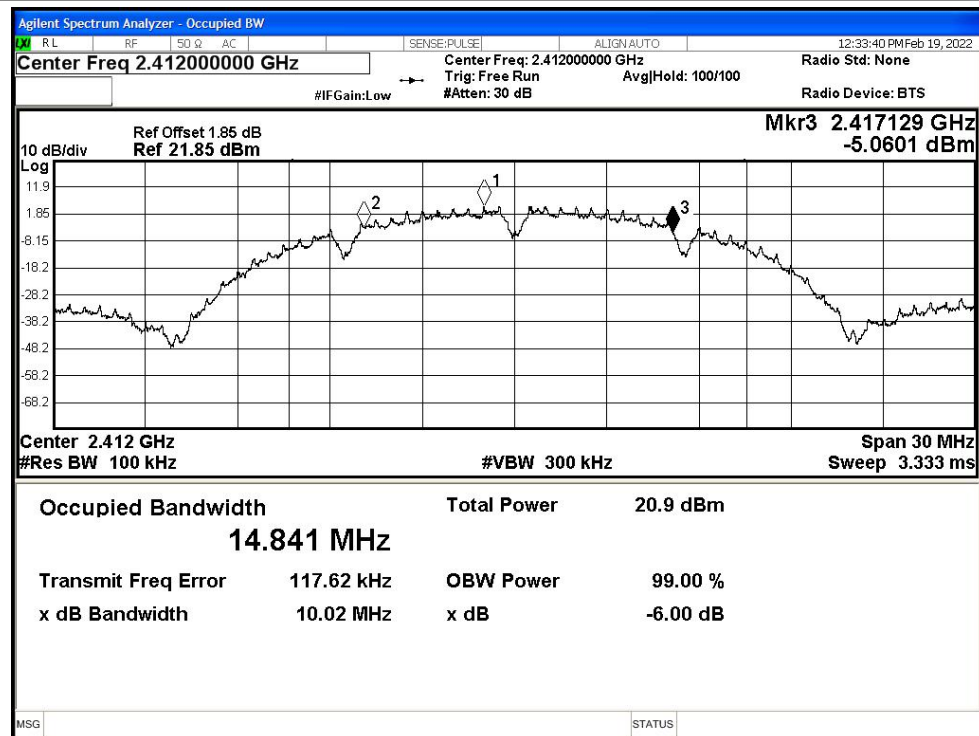
B.1 6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.023	0.5	Pass
NVNT	b	2437	Ant1	8.572	0.5	Pass
NVNT	b	2462	Ant1	9.073	0.5	Pass
NVNT	b	2412	Ant1	9.542	0.5	Pass
NVNT	b	2437	Ant1	9.555	0.5	Pass
NVNT	g	2412	Ant1	11.377	0.5	Pass
NVNT	g	2437	Ant1	7.614	0.5	Pass
NVNT	g	2462	Ant1	11.277	0.5	Pass
NVNT	g	2412	Ant1	9.467	0.5	Pass
NVNT	g	2437	Ant1	12.574	0.5	Pass
NVNT	g	2462	Ant1	12.587	0.5	Pass
NVNT	g	2462	Ant1	13.363	0.5	Pass
NVNT	n20	2412	Ant1	12.575	0.5	Pass
NVNT	n20	2437	Ant1	9.191	0.5	Pass
NVNT	n20	2462	Ant1	12.523	0.5	Pass
NVNT	n20	2412	Ant1	11.324	0.5	Pass
NVNT	n20	2437	Ant1	13.794	0.5	Pass
NVNT	n40	2422	Ant1	31.238	0.5	Pass
NVNT	n40	2437	Ant1	31.309	0.5	Pass
NVNT	n40	2452	Ant1	30.083	0.5	Pass

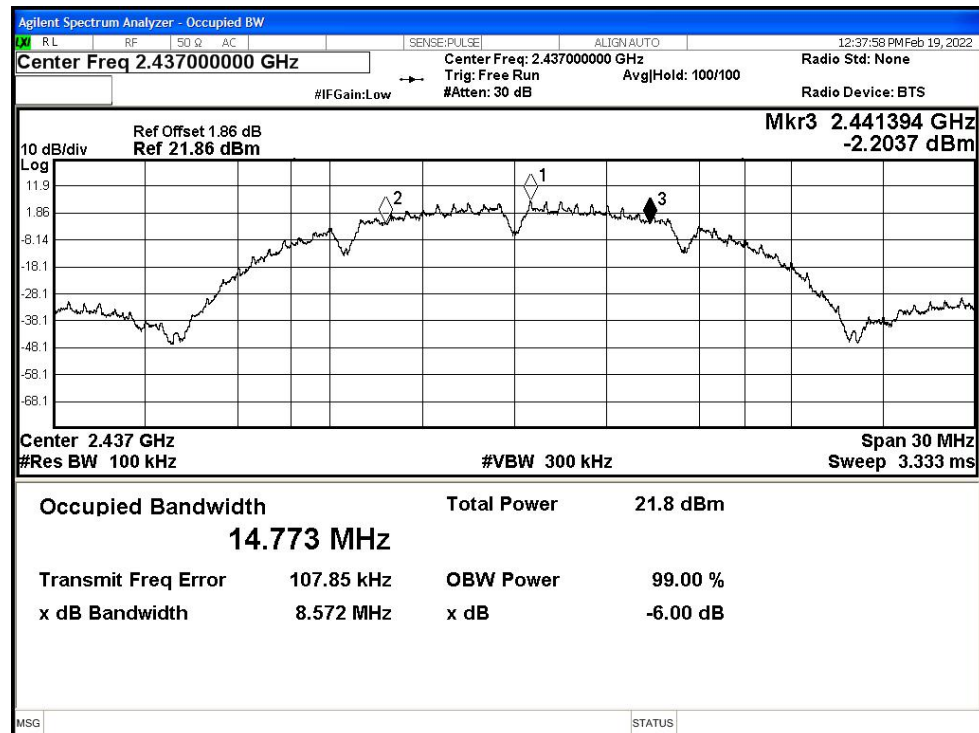


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1

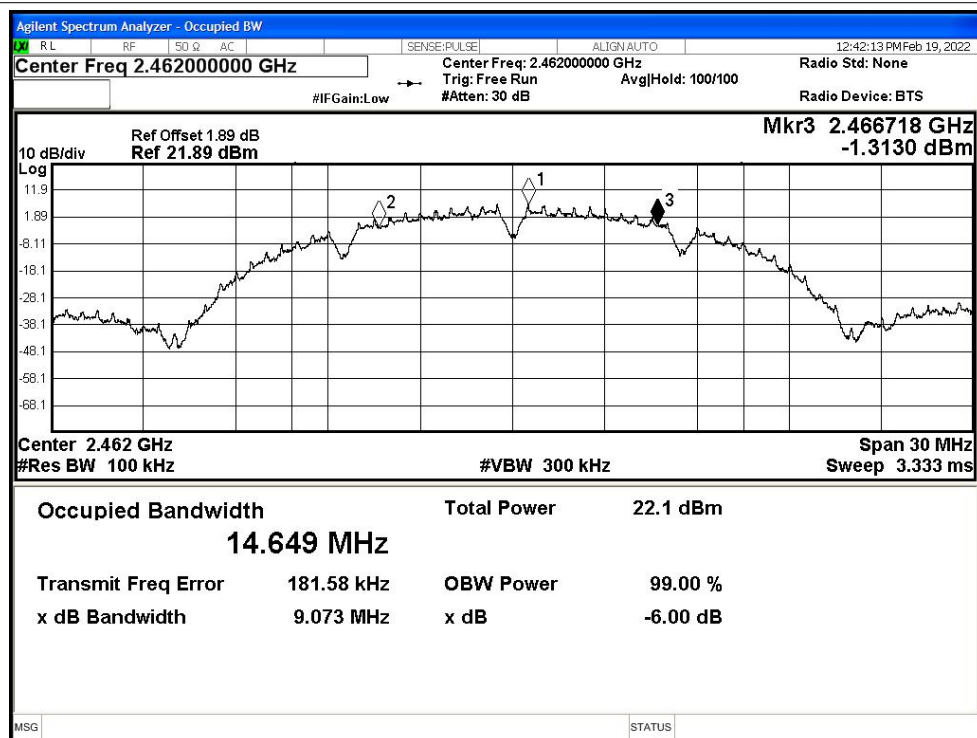


-6dB Bandwidth NVNT b 2437MHz Ant1

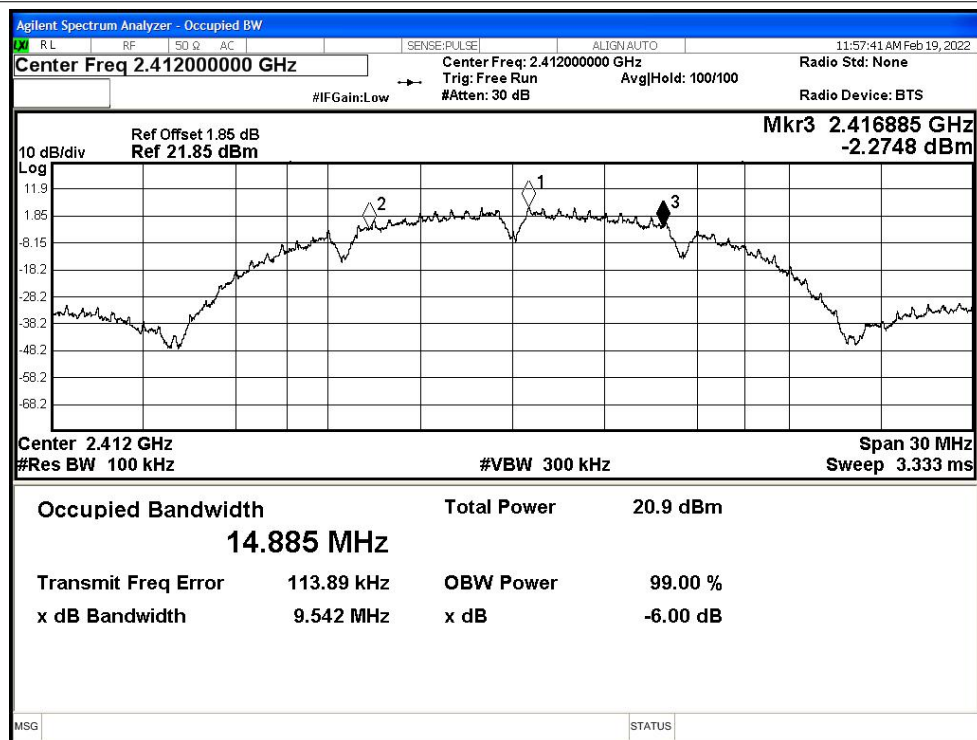




-6dB Bandwidth NVNT b 2462MHz Ant1

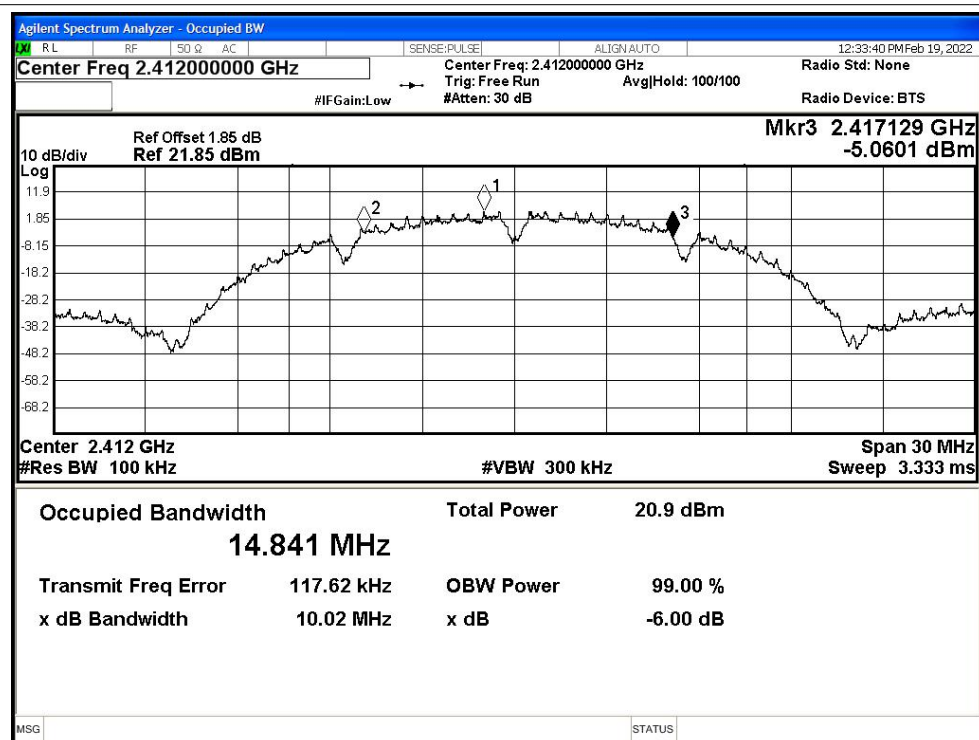


-6dB Bandwidth NVNT b 2412MHz Ant1

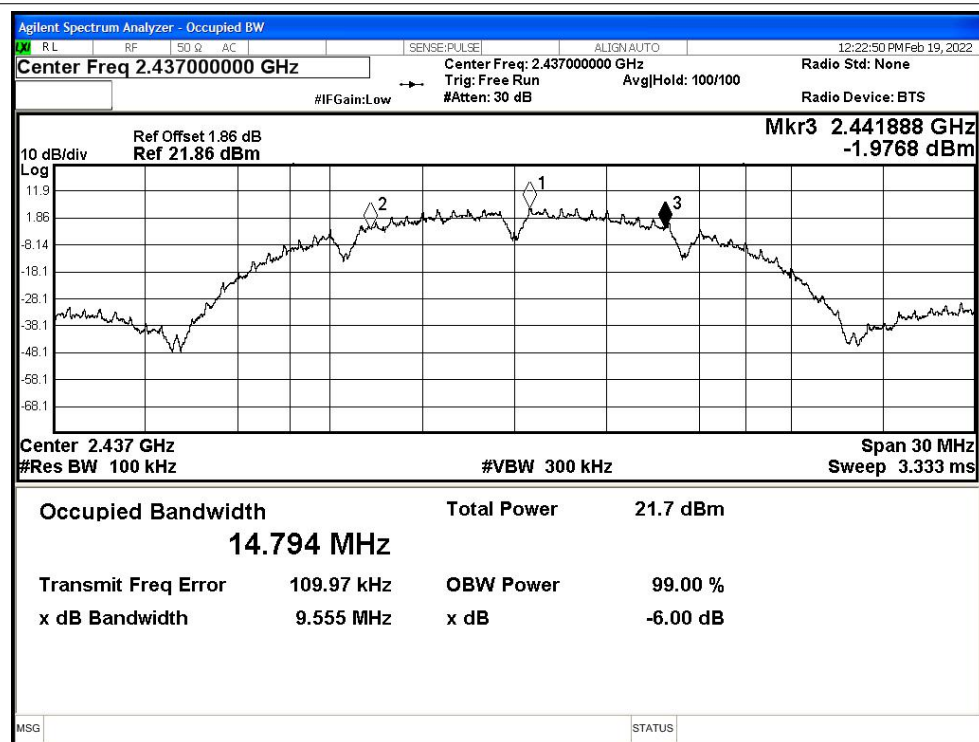




-6dB Bandwidth NVNT b 2412MHz Ant1

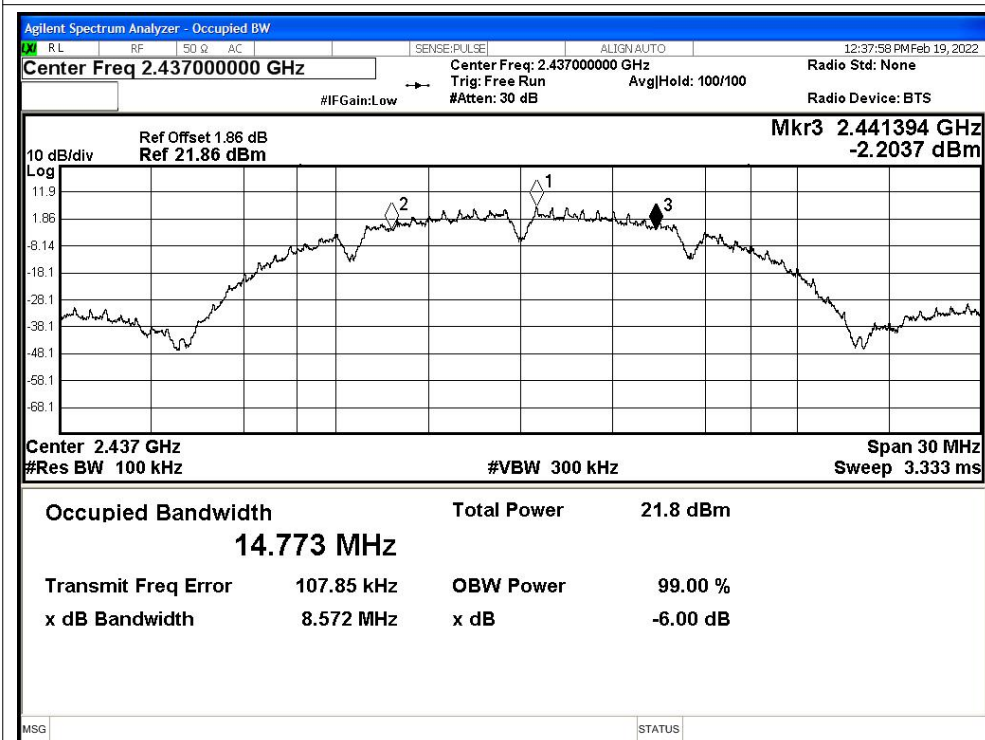


-6dB Bandwidth NVNT b 2437MHz Ant1

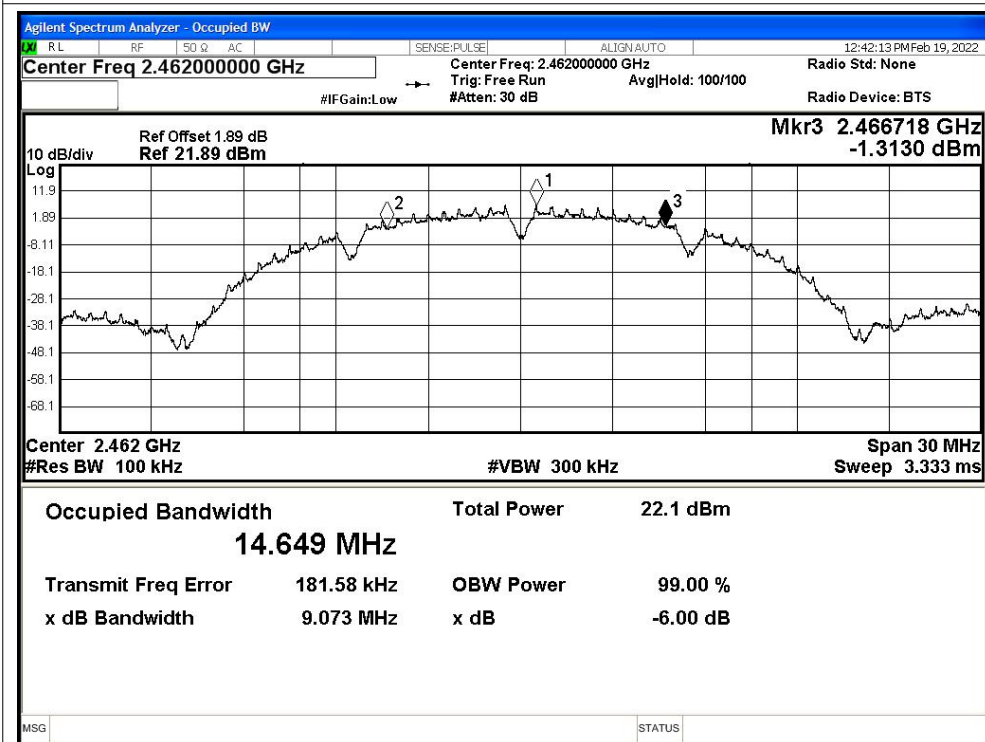




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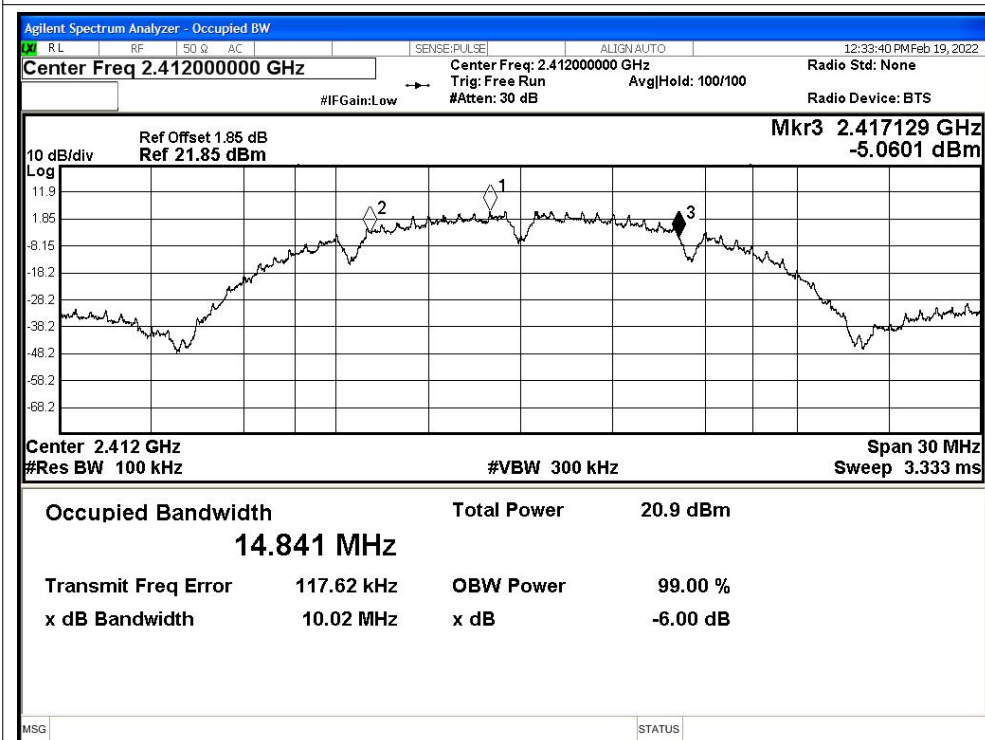


-6dB Bandwidth NVNT b 2462MHz Ant1

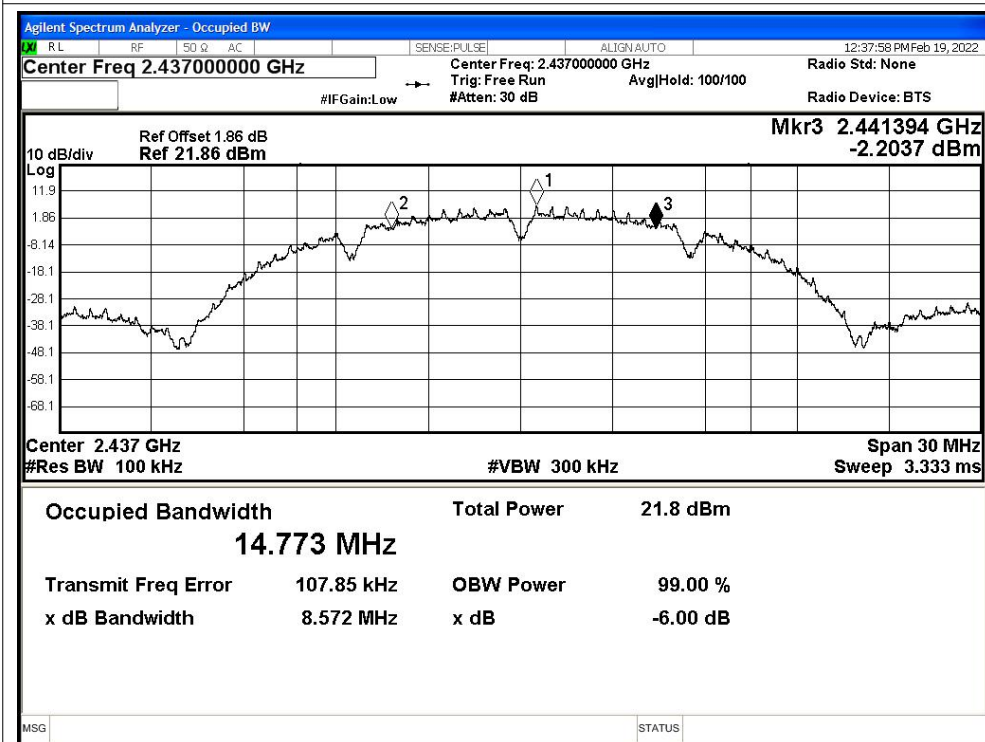




-6dB Bandwidth NVNT b 2412MHz Ant1

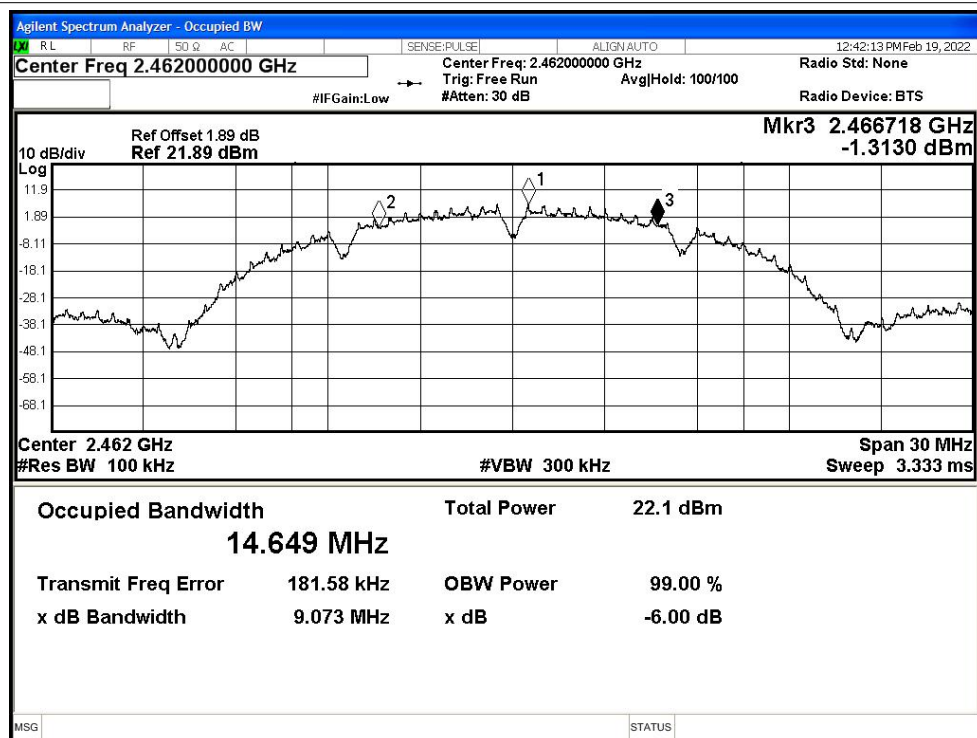


-6dB Bandwidth NVNT b 2437MHz Ant1

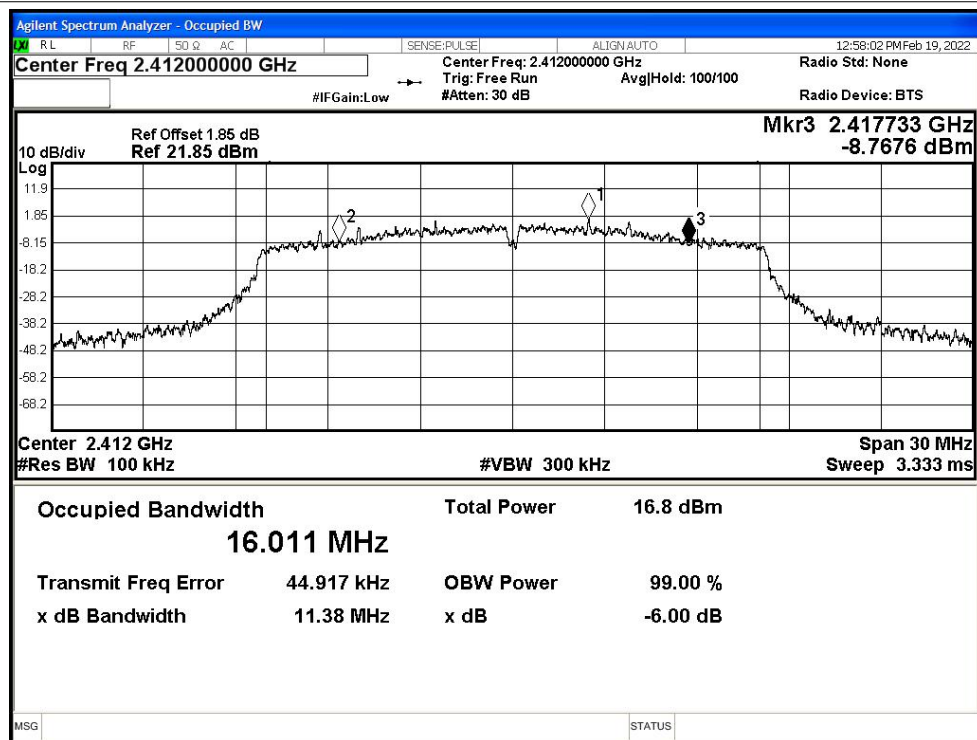




-6dB Bandwidth NVNT b 2462MHz Ant1

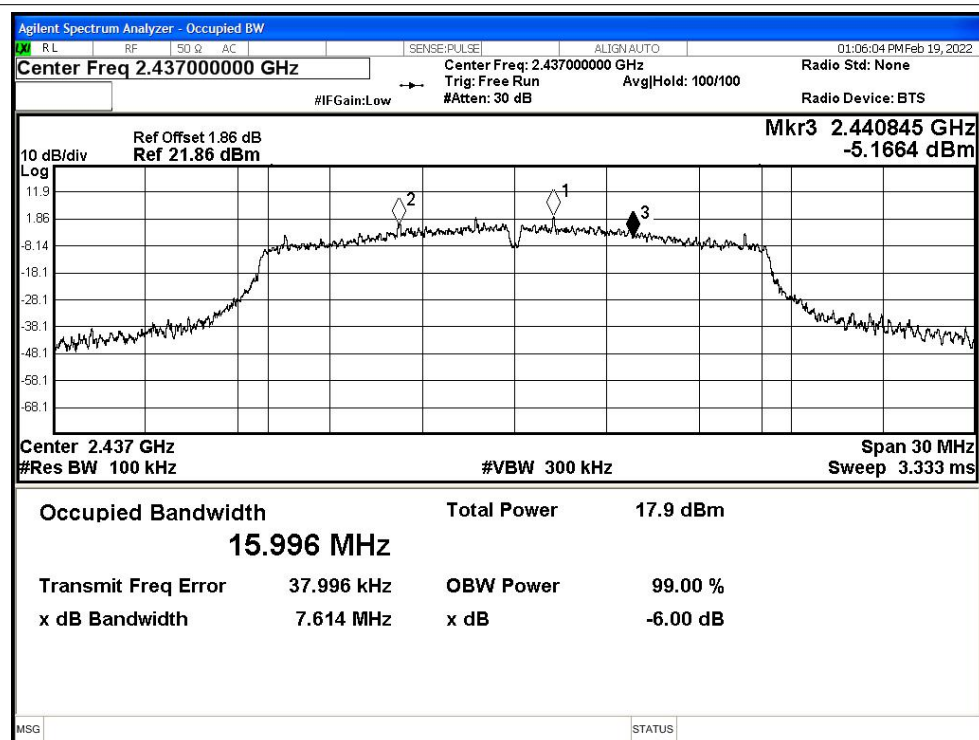


-6dB Bandwidth NVNT g 2412MHz Ant1

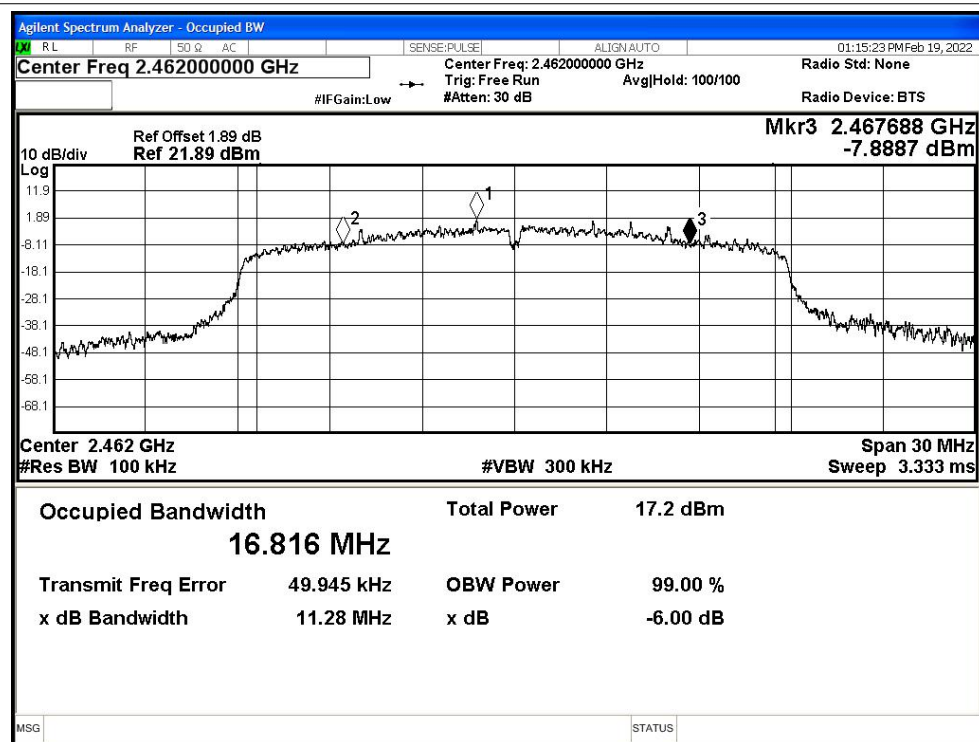




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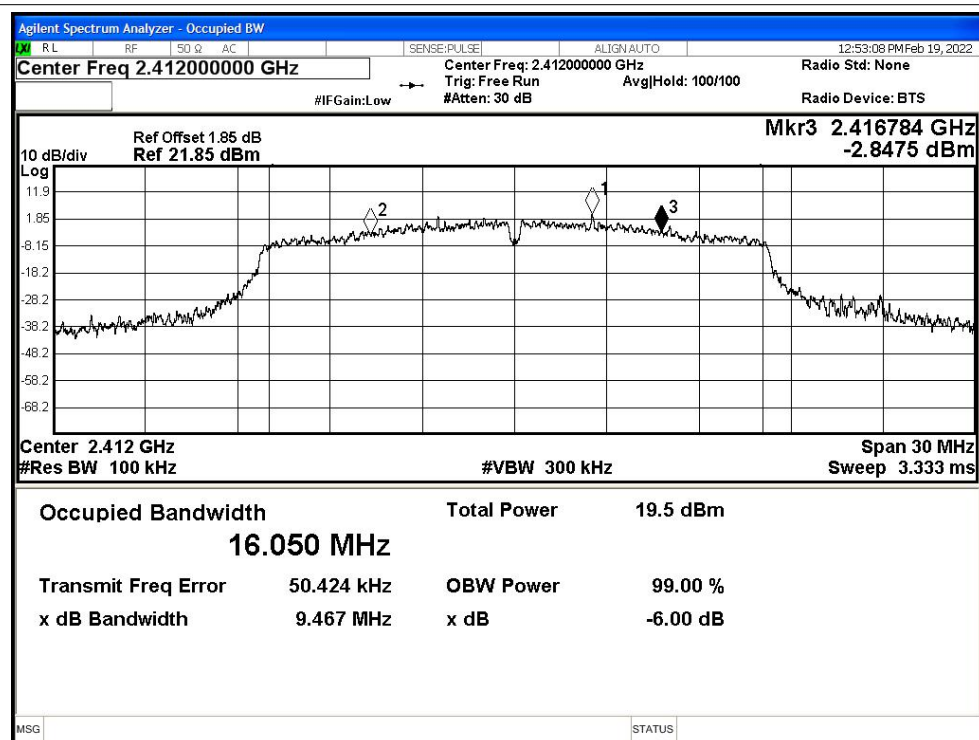


-6dB Bandwidth NVNT g 2462MHz Ant1

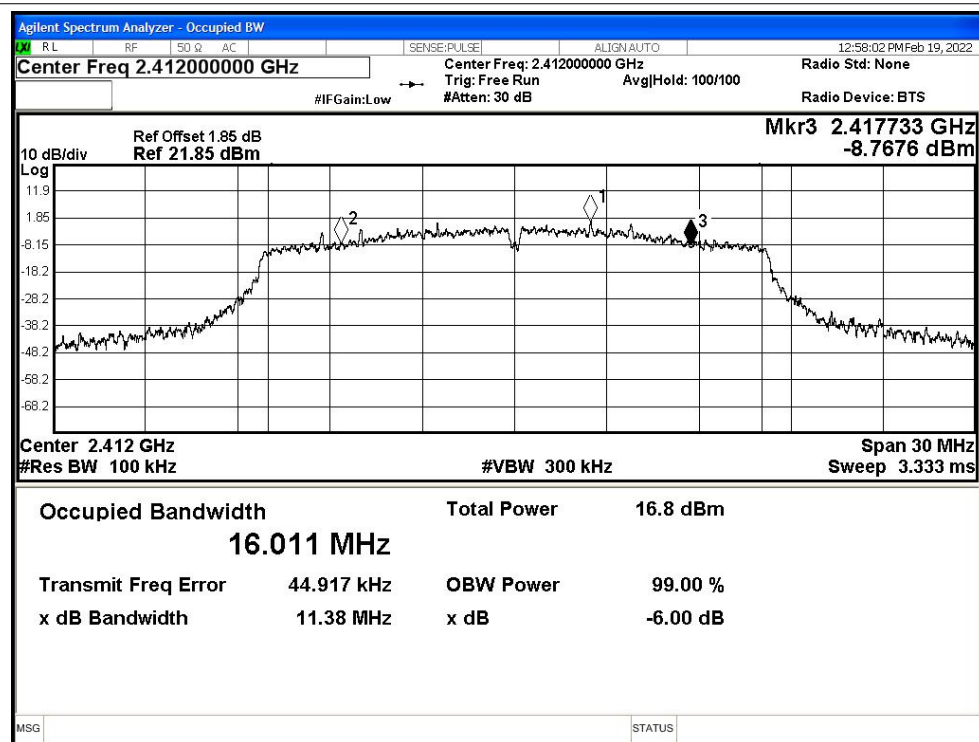




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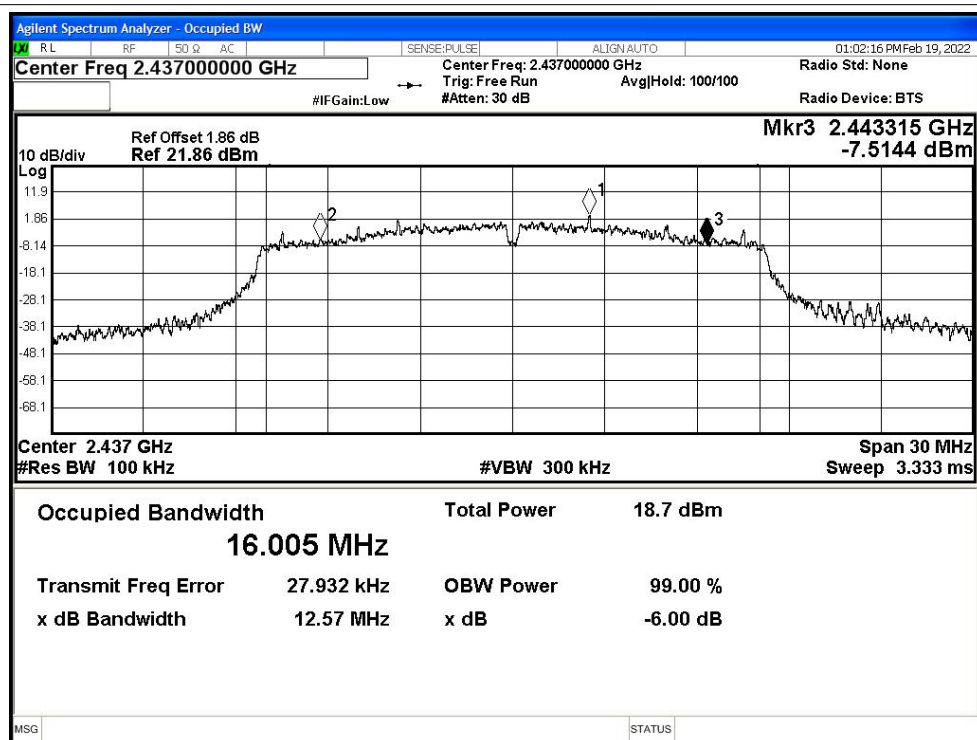


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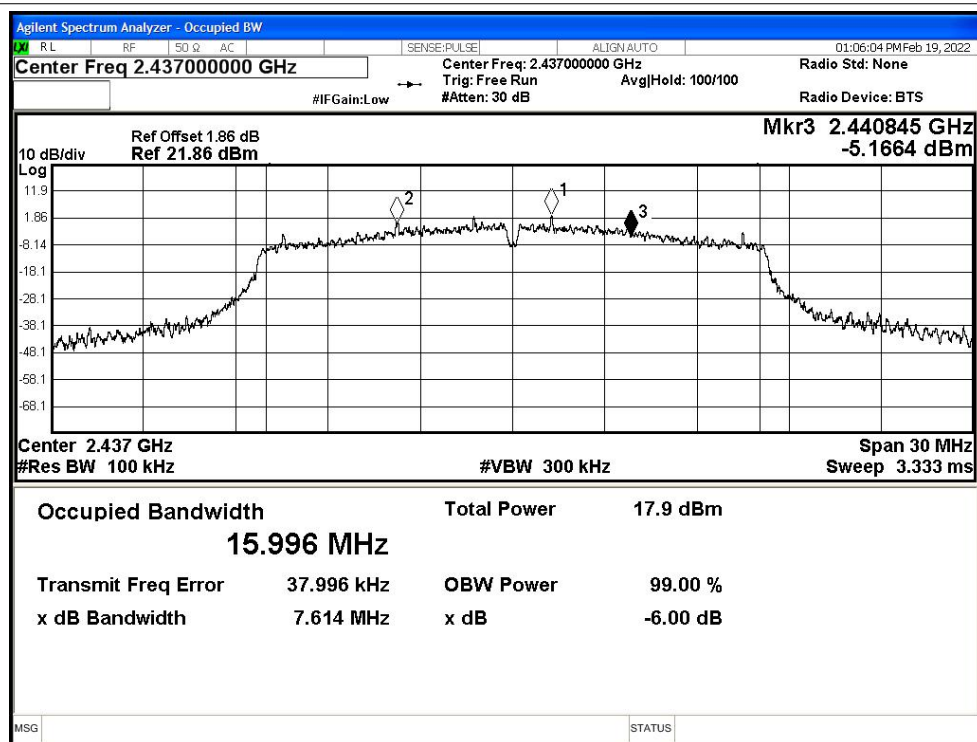




-6dB Bandwidth NVNT g 2437MHz Ant1

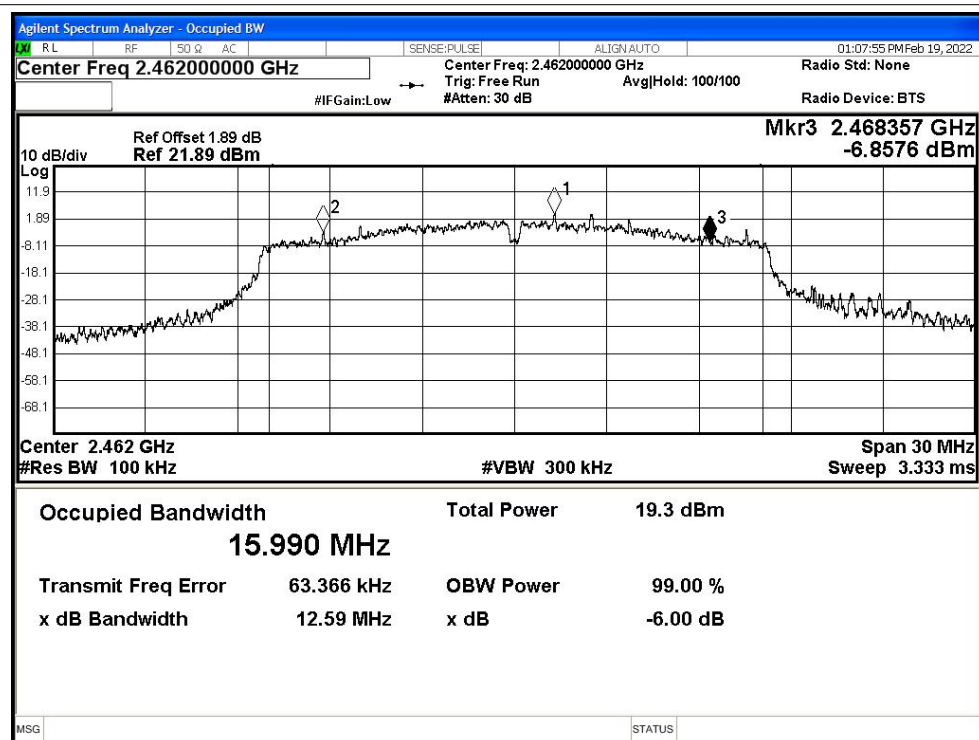


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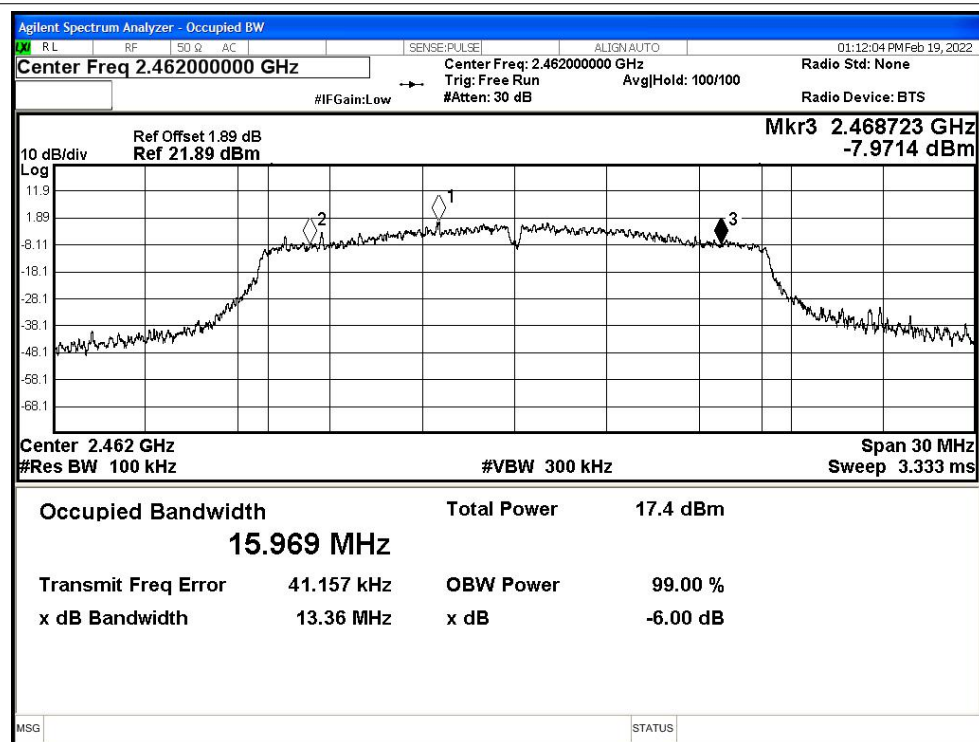




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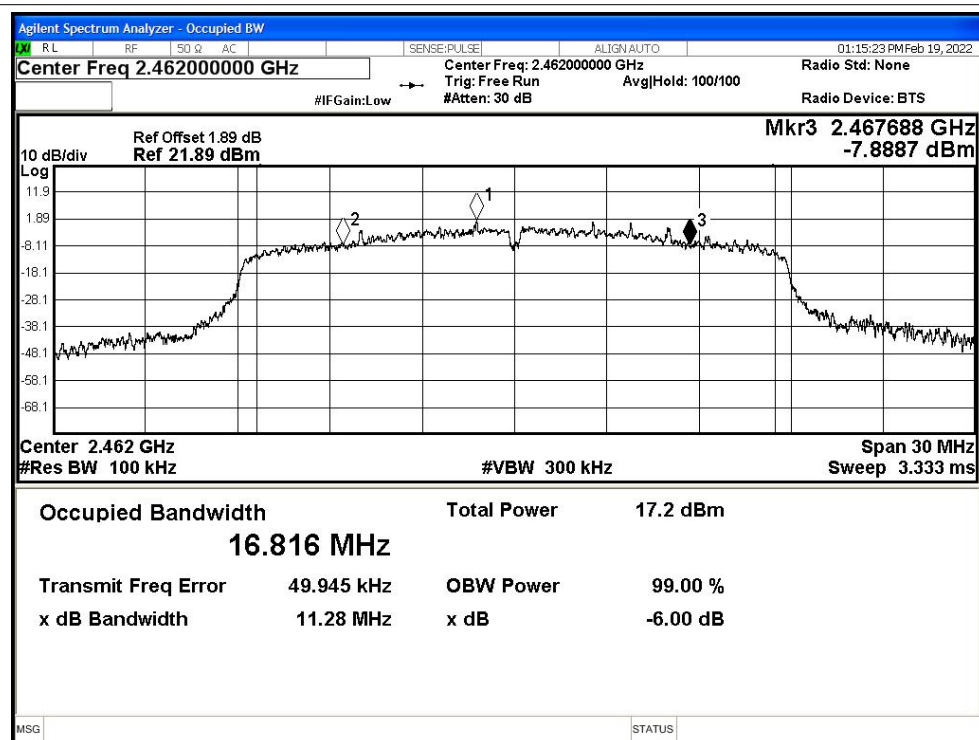


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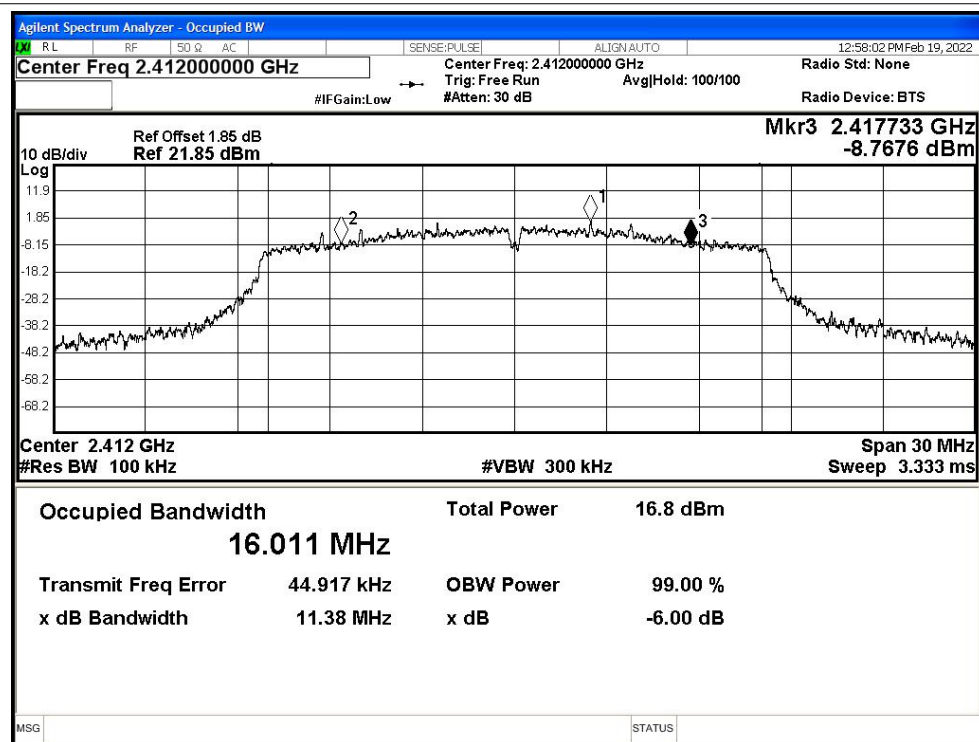




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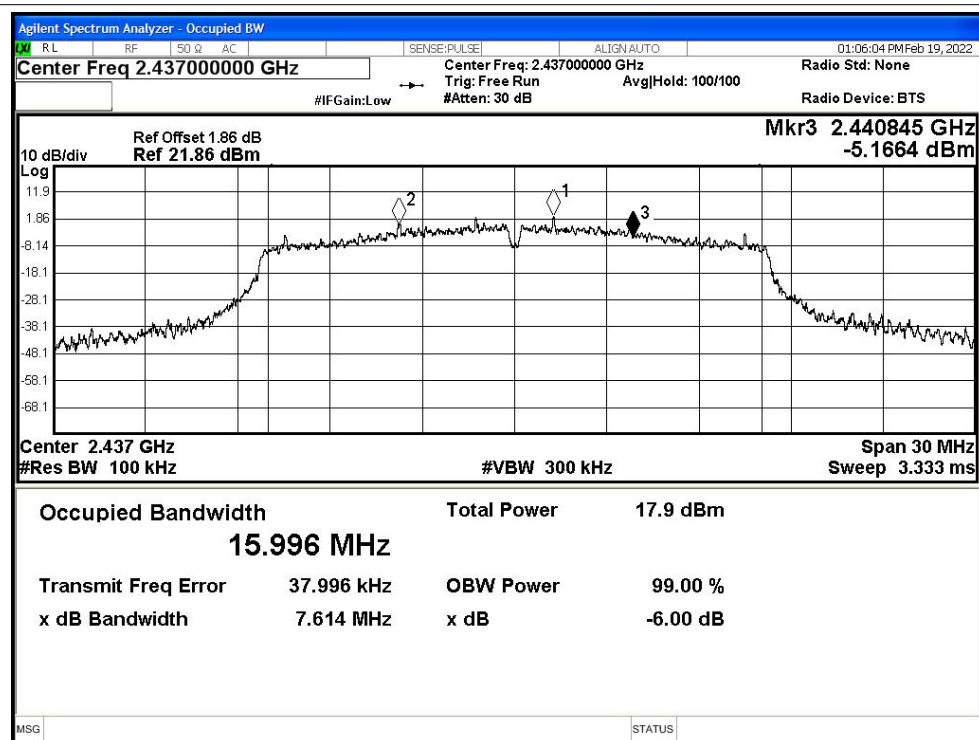


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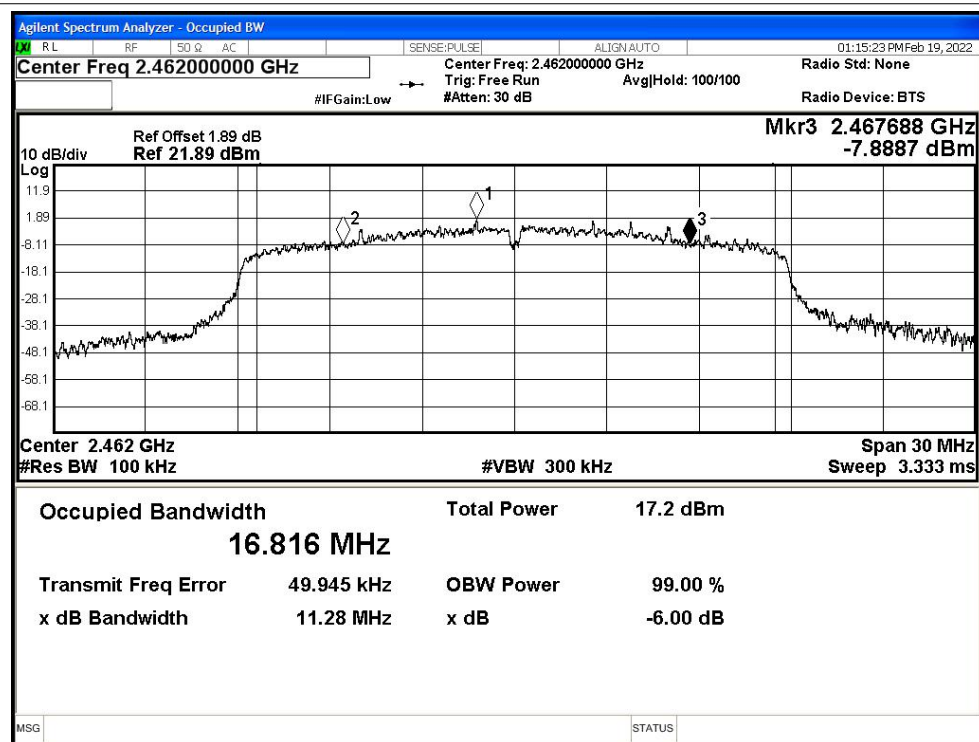




-6dB Bandwidth NVNT g 2437MHz Ant1

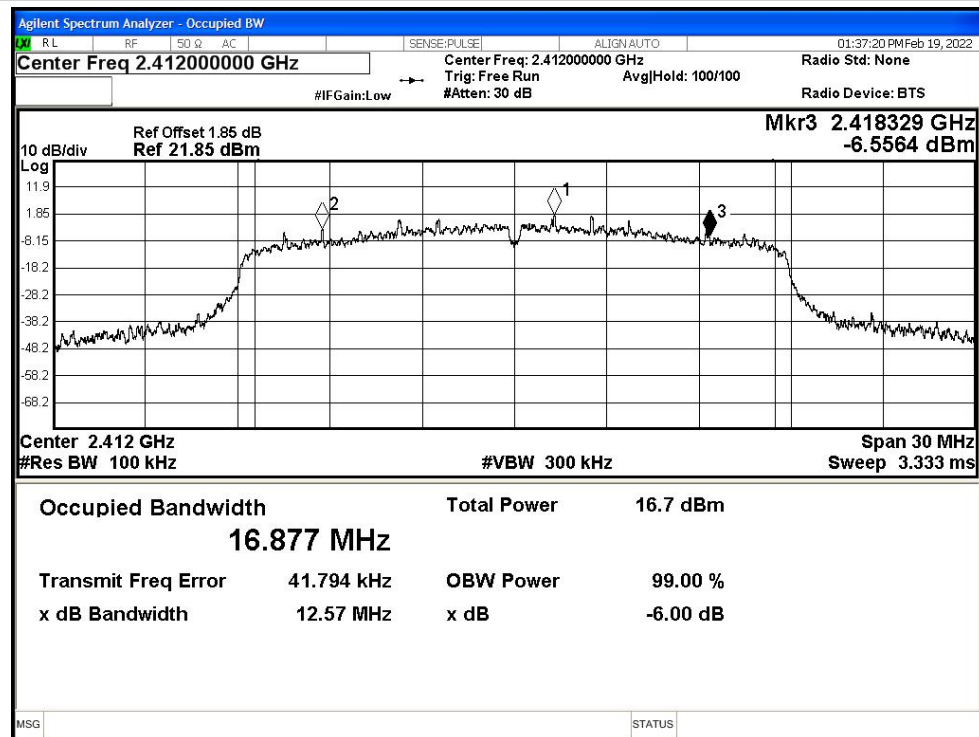


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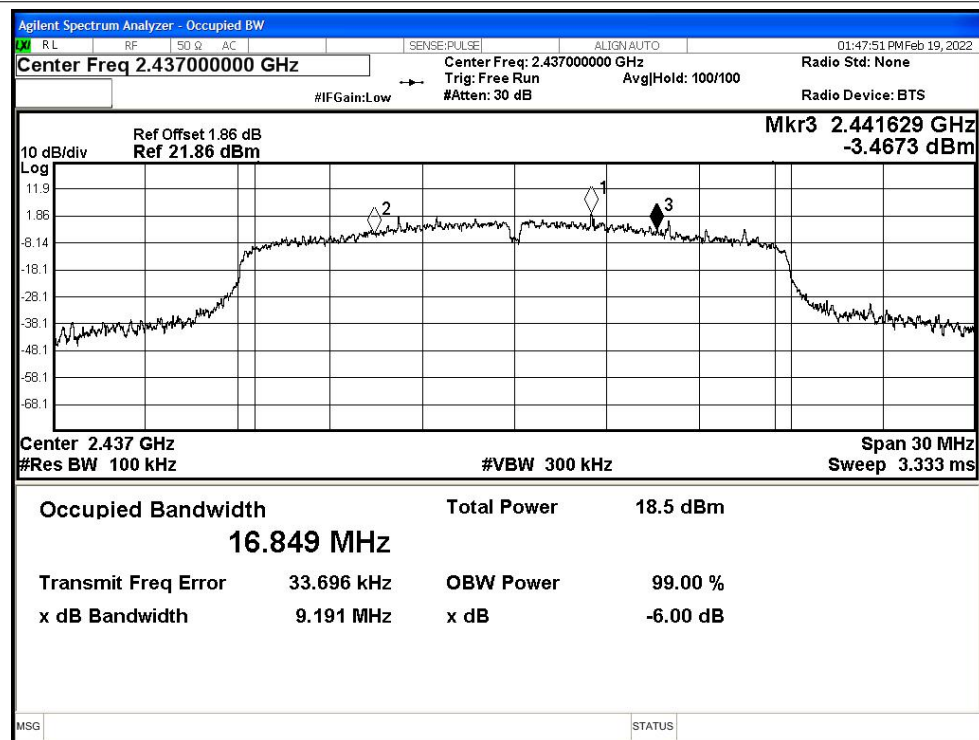




-6dB Bandwidth NVNT n20 2412MHz Ant1

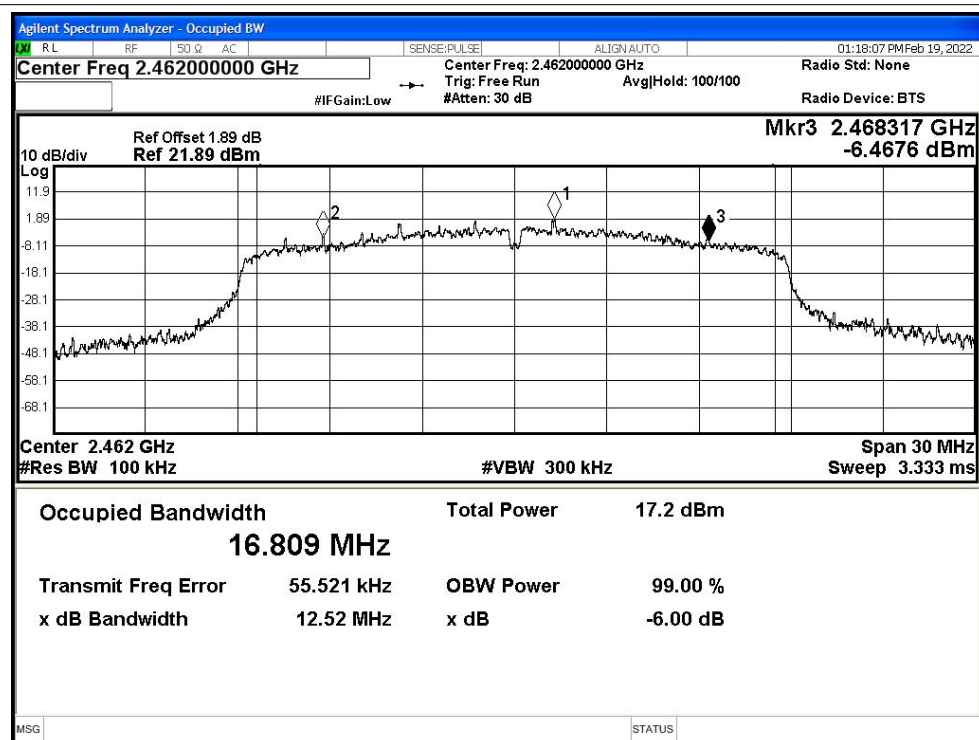


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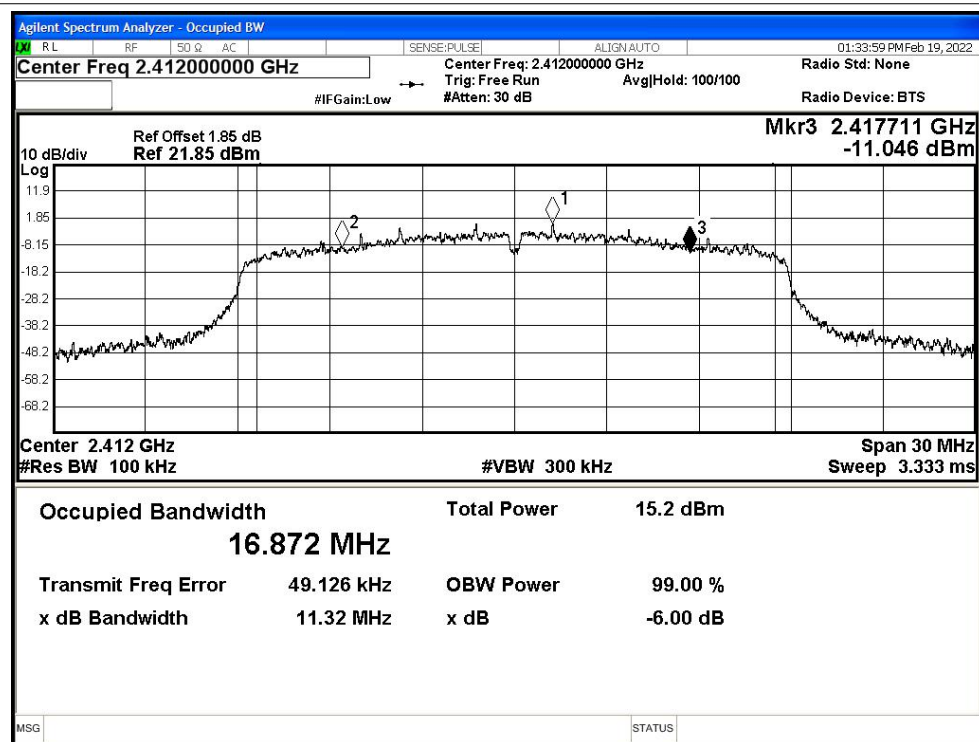




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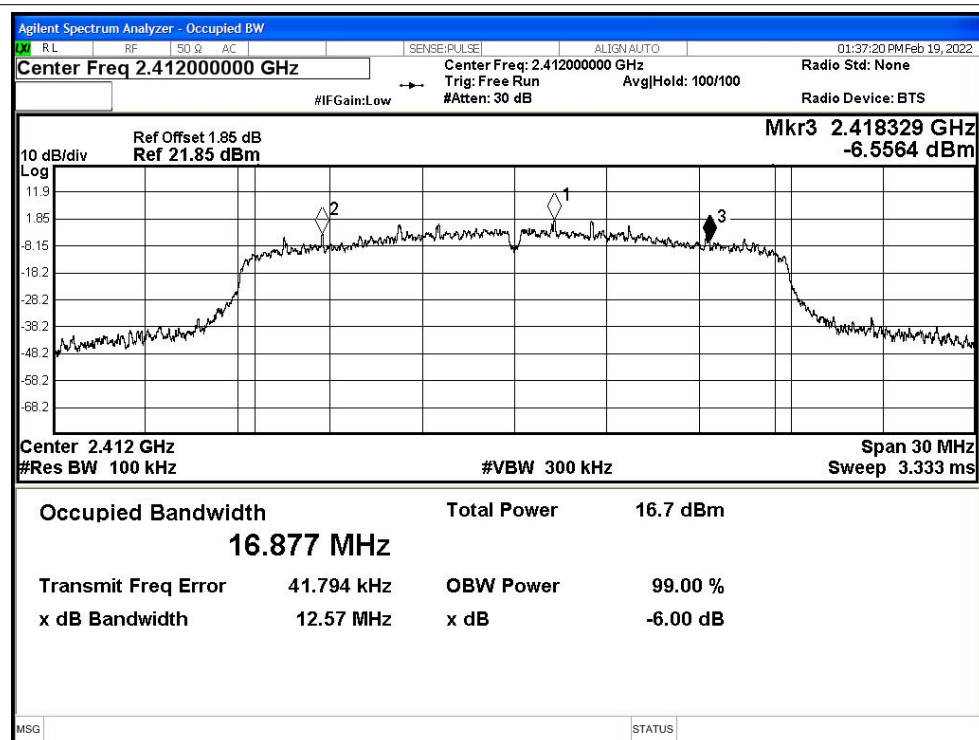


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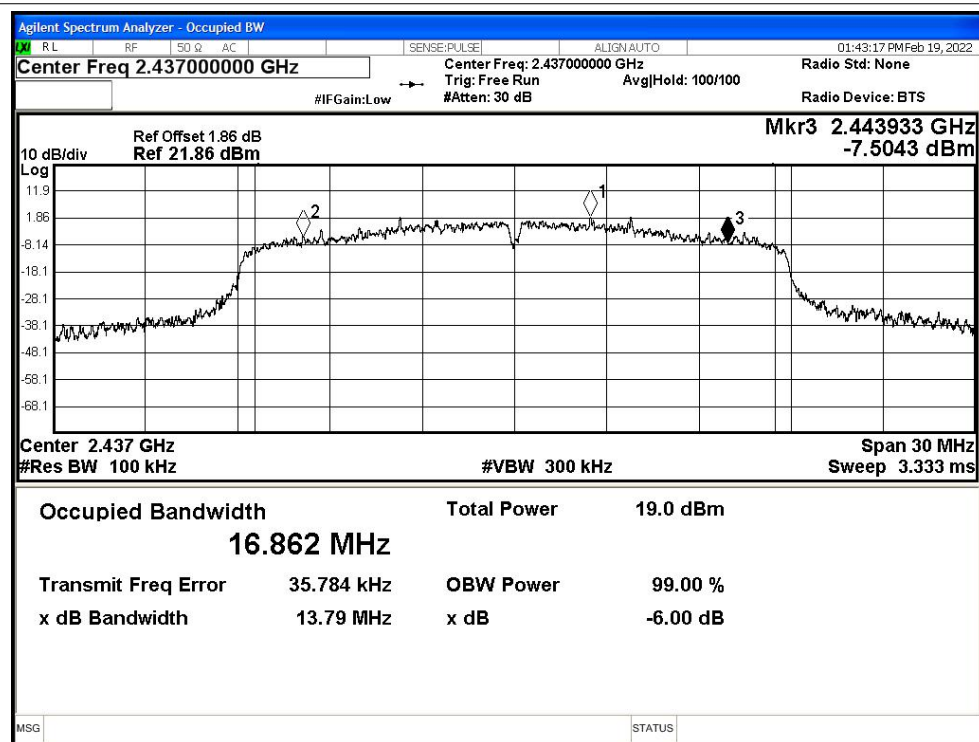




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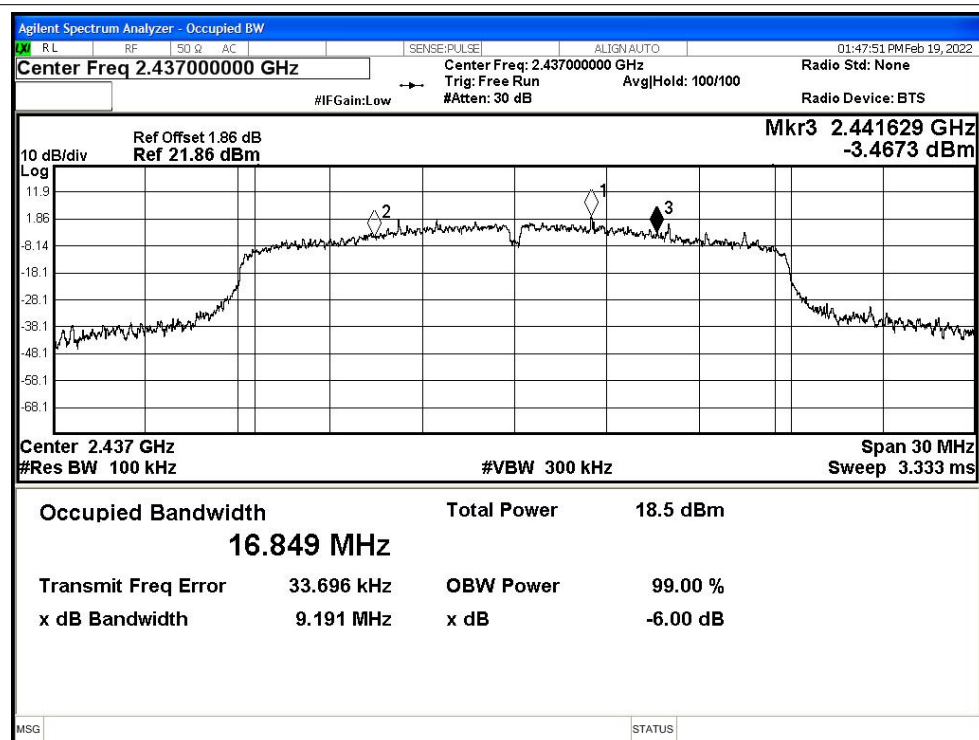


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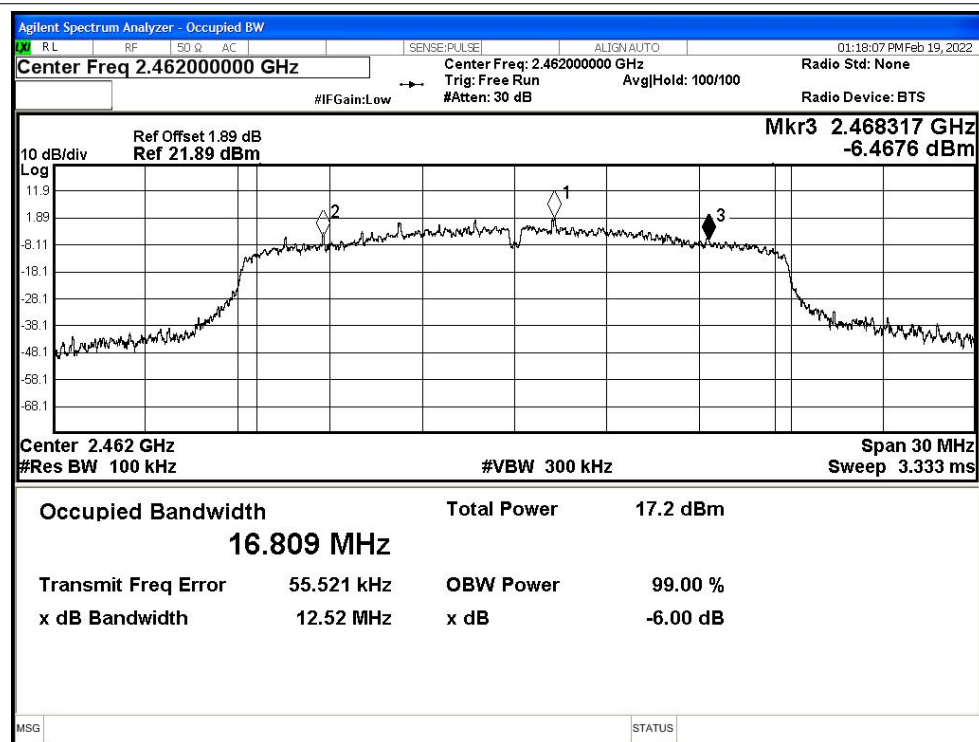




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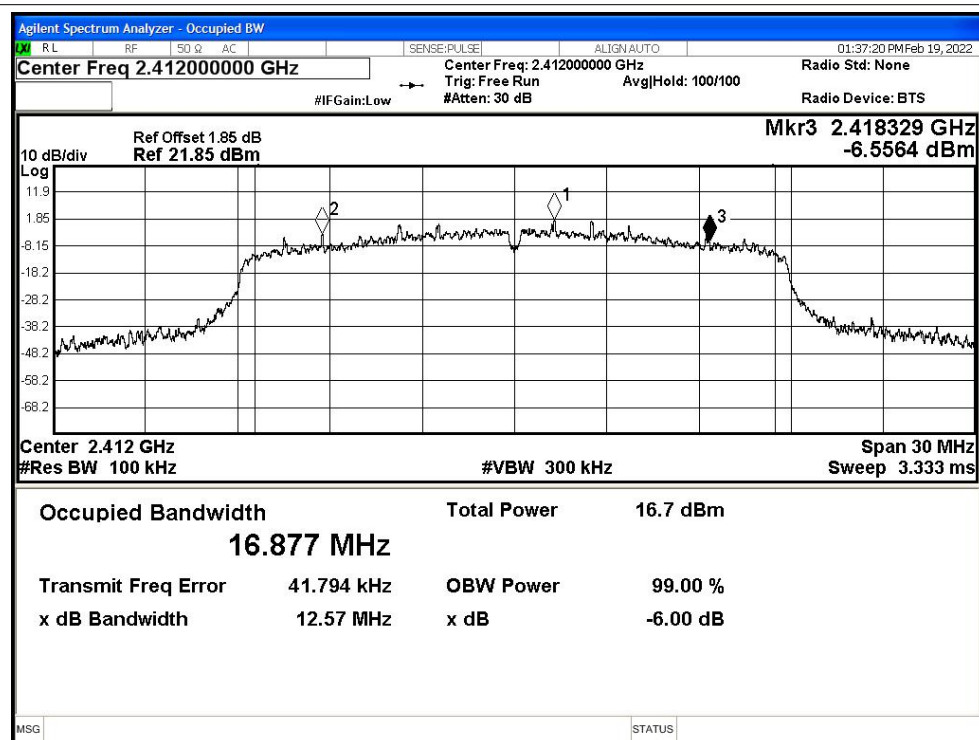


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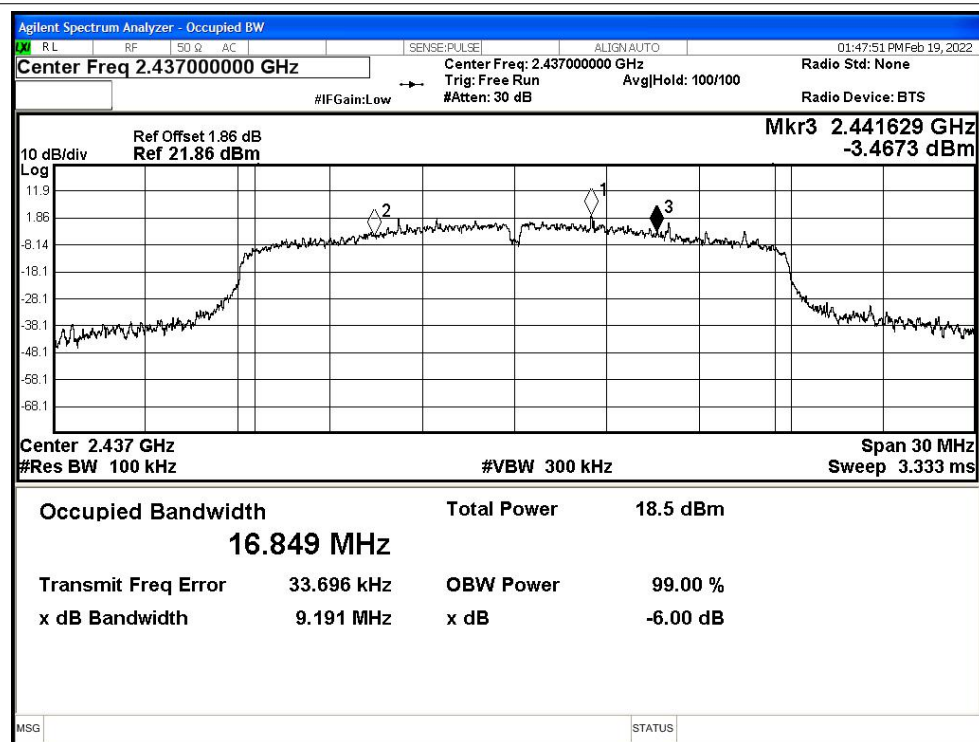




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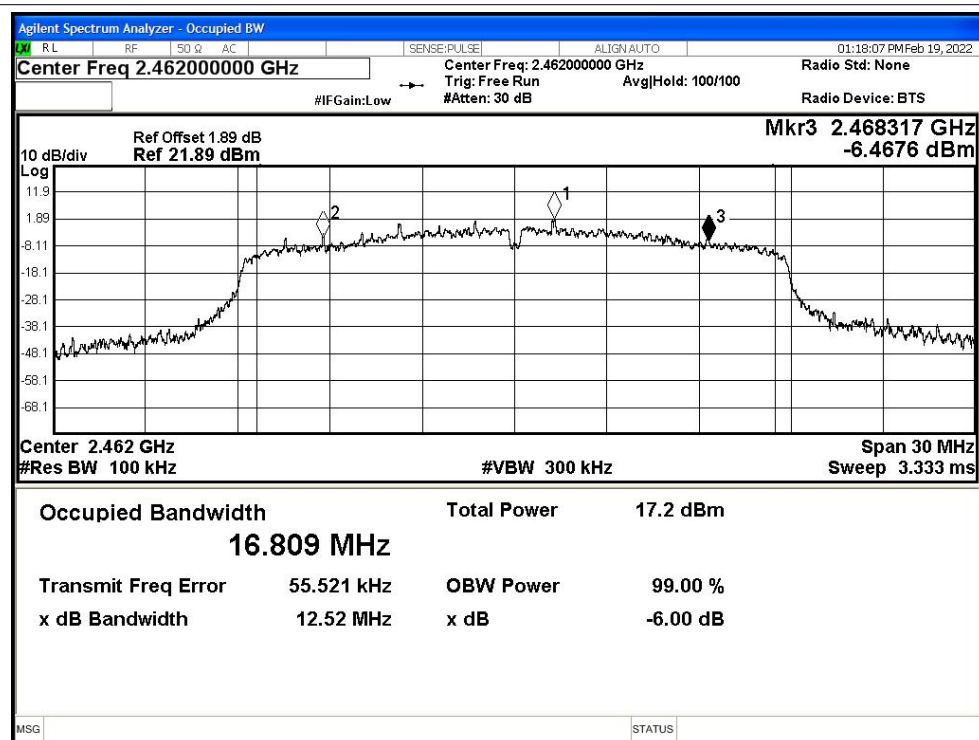


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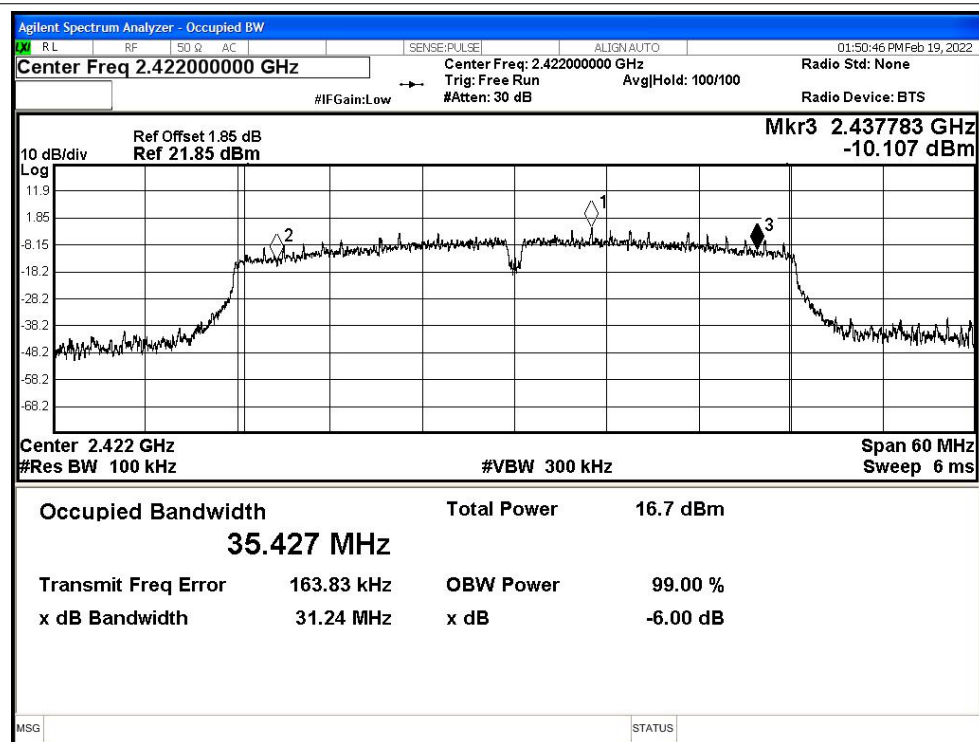




-6dB Bandwidth NVNT n20 2462MHz Ant1

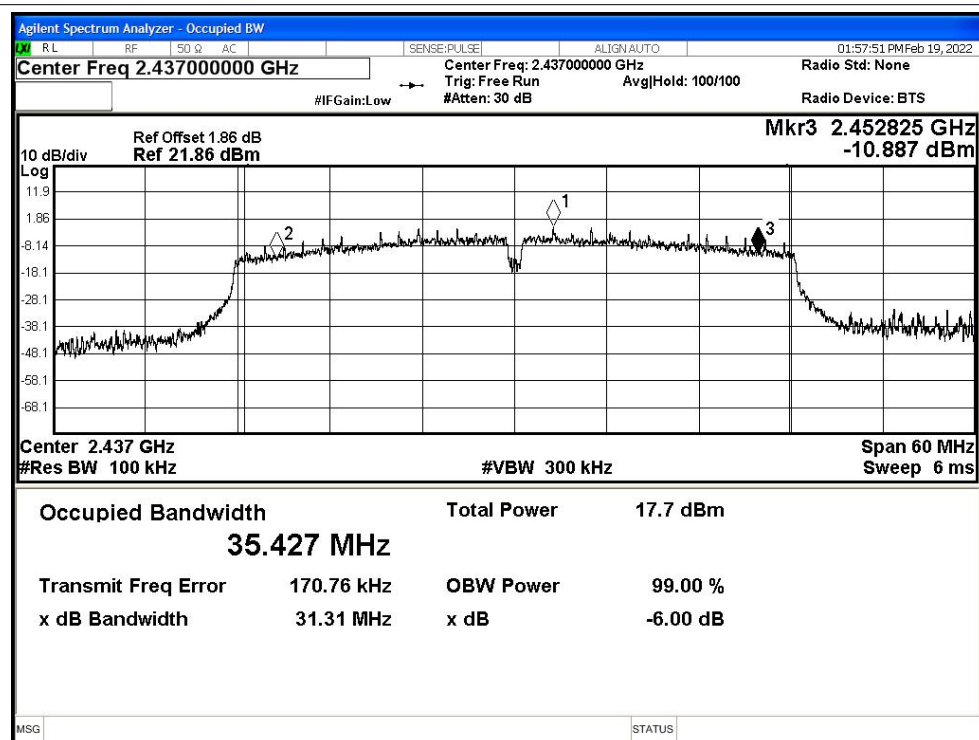


-6dB Bandwidth NVNT n40 2422MHz Ant1

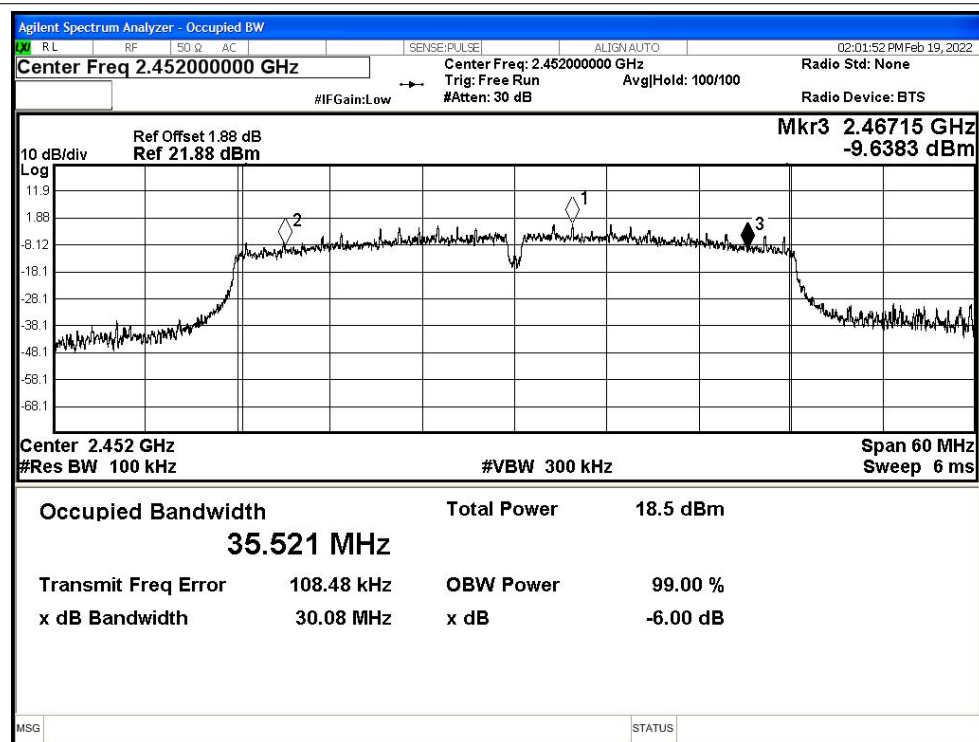




-6dB Bandwidth NVNT n40 2437MHz Ant1

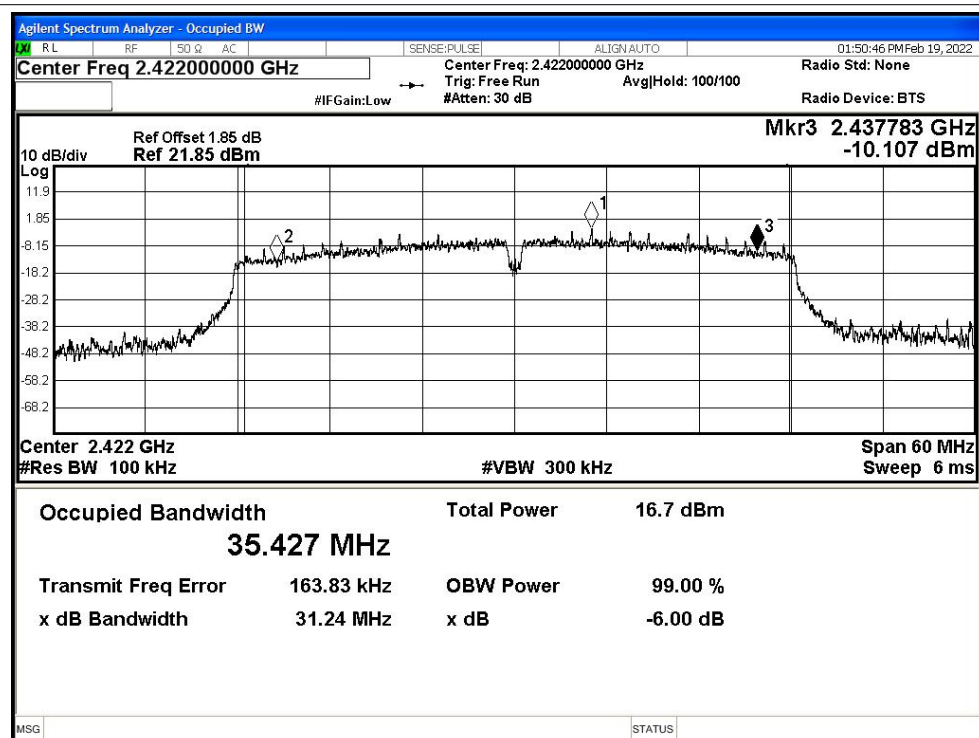


-6dB Bandwidth NVNT n40 2452MHz Ant1

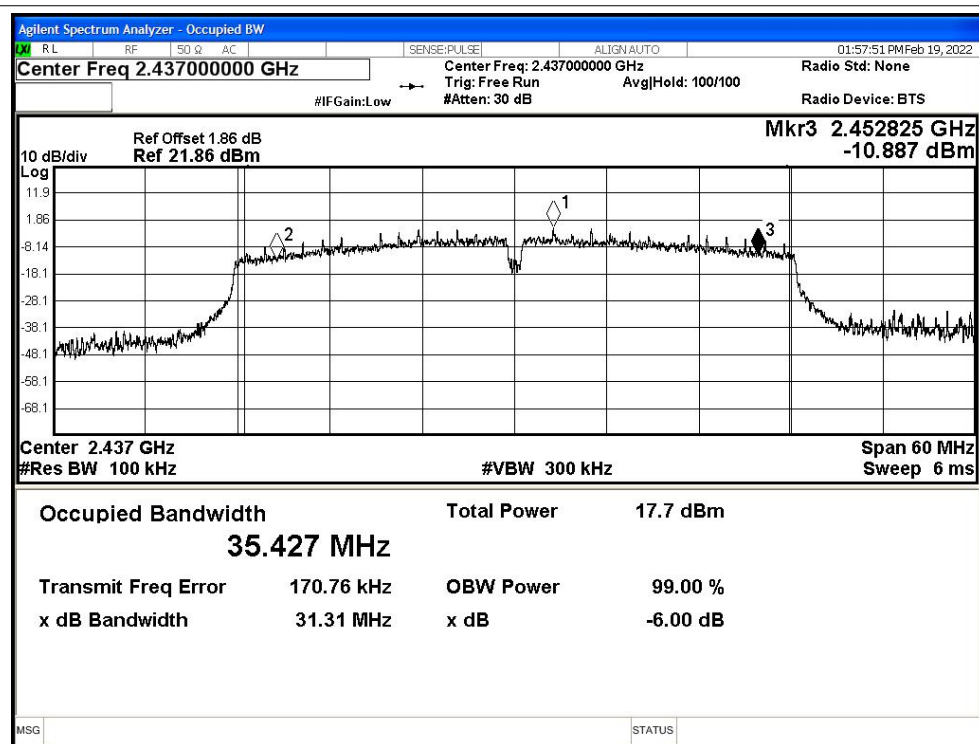




-6dB Bandwidth NVNT n40 2422MHz Ant1

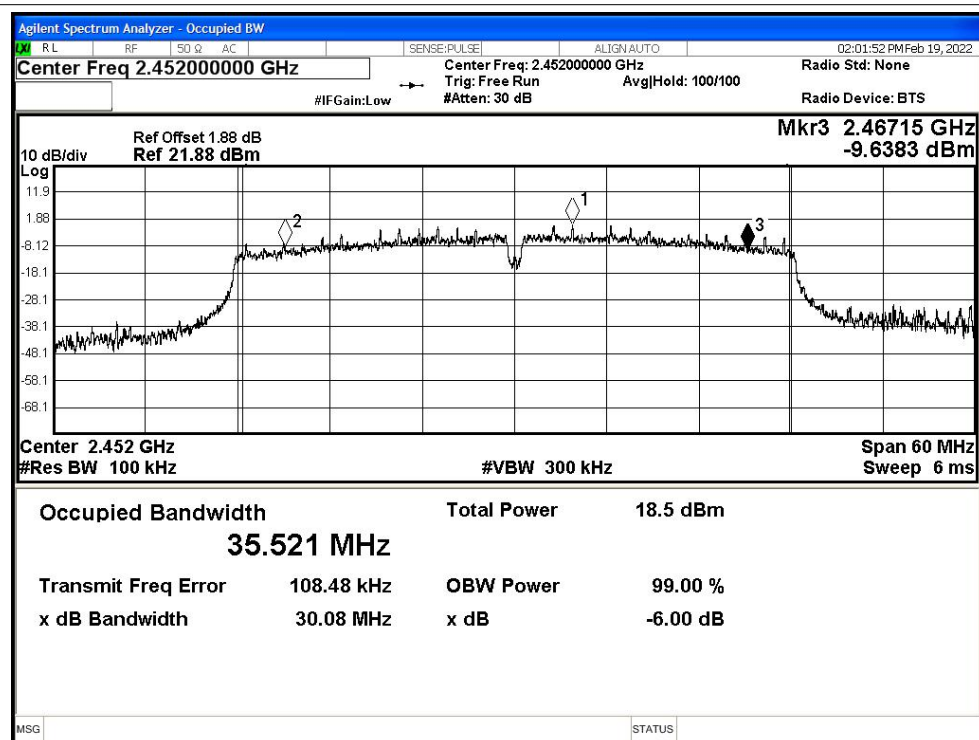


-6dB Bandwidth NVNT n40 2437MHz Ant1

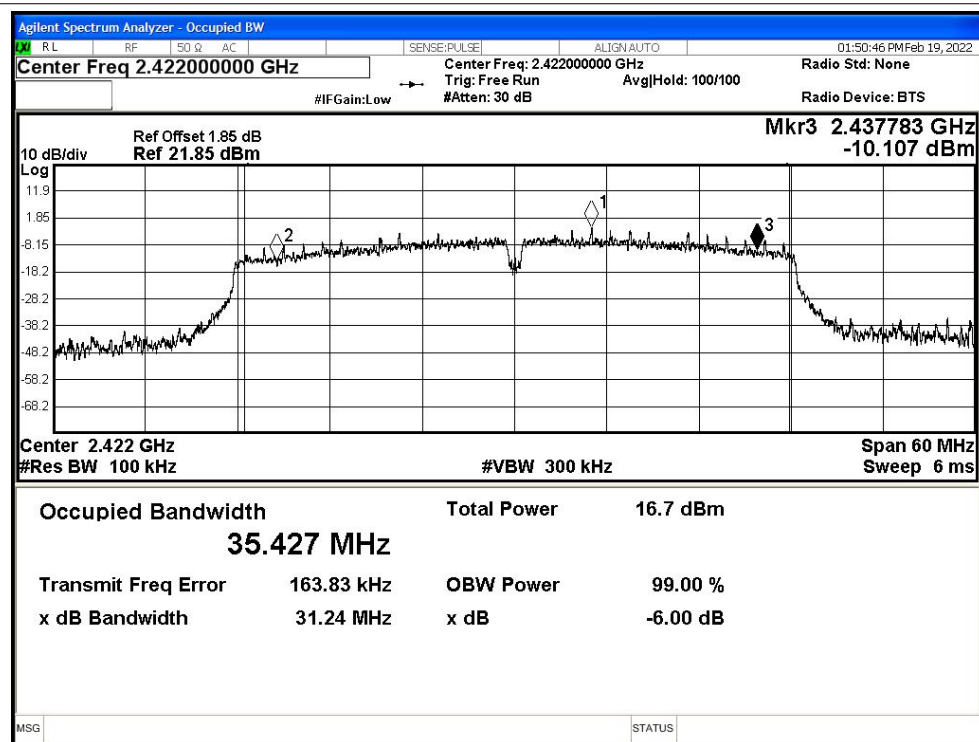




-6dB Bandwidth NVNT n40 2452MHz Ant1

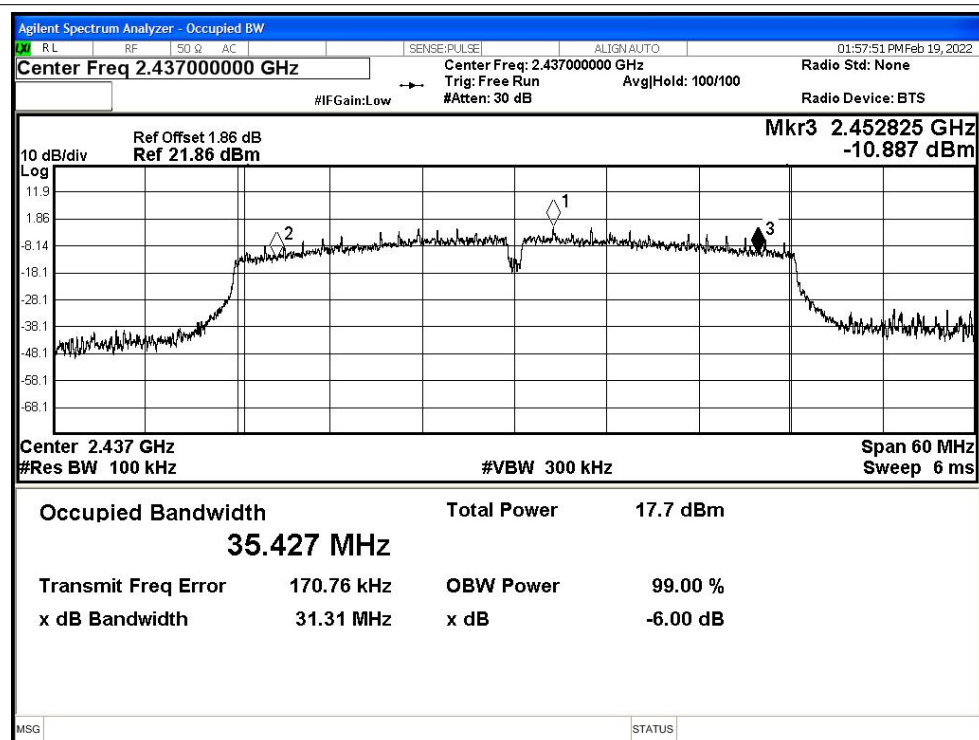


-6dB Bandwidth NVNT n40 2422MHz Ant1

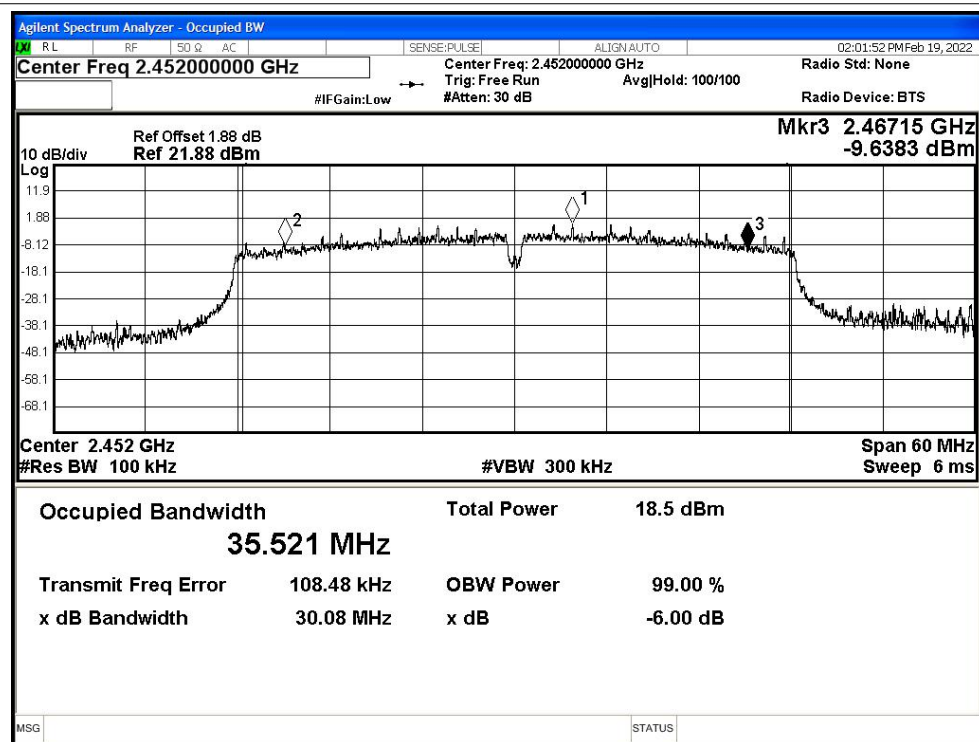




-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1





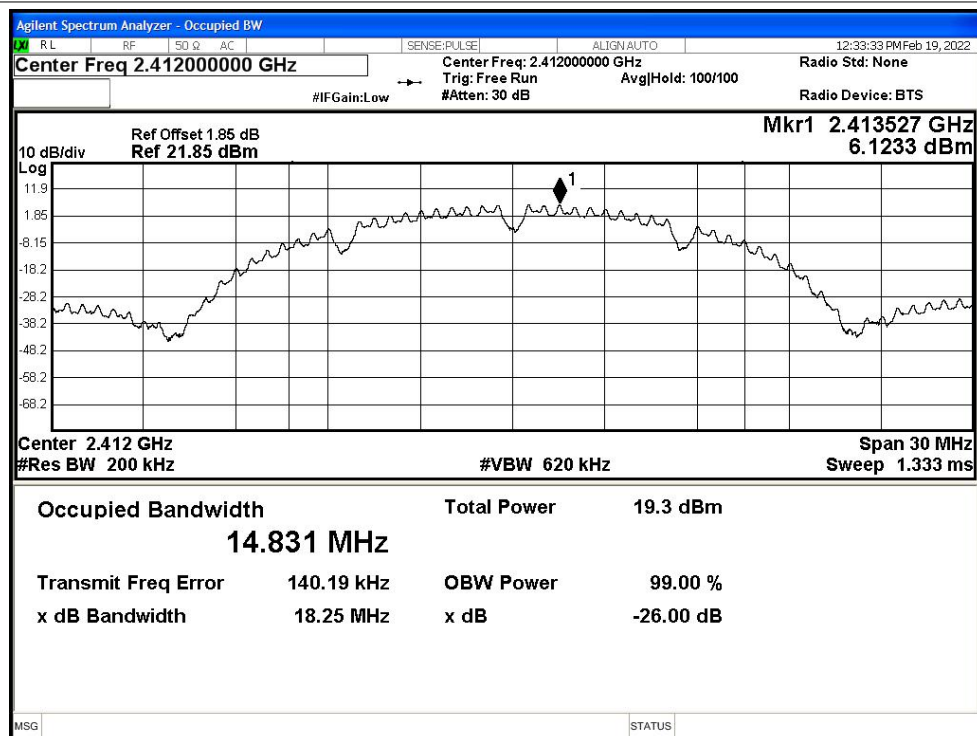
B.2 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.831
NVNT	b	2437	Ant1	14.762
NVNT	b	2462	Ant1	14.672
NVNT	b	2412	Ant1	14.825
NVNT	b	2437	Ant1	14.772
NVNT	g	2412	Ant1	15.994
NVNT	g	2437	Ant1	15.971
NVNT	g	2462	Ant1	16.823
NVNT	g	2412	Ant1	16.01
NVNT	g	2437	Ant1	15.967
NVNT	g	2462	Ant1	15.992
NVNT	g	2462	Ant1	15.936
NVNT	n20	2412	Ant1	16.858
NVNT	n20	2437	Ant1	16.842
NVNT	n20	2462	Ant1	16.812
NVNT	n20	2412	Ant1	16.862
NVNT	n20	2437	Ant1	16.811
NVNT	n40	2422	Ant1	35.532
NVNT	n40	2437	Ant1	35.5
NVNT	n40	2452	Ant1	35.577

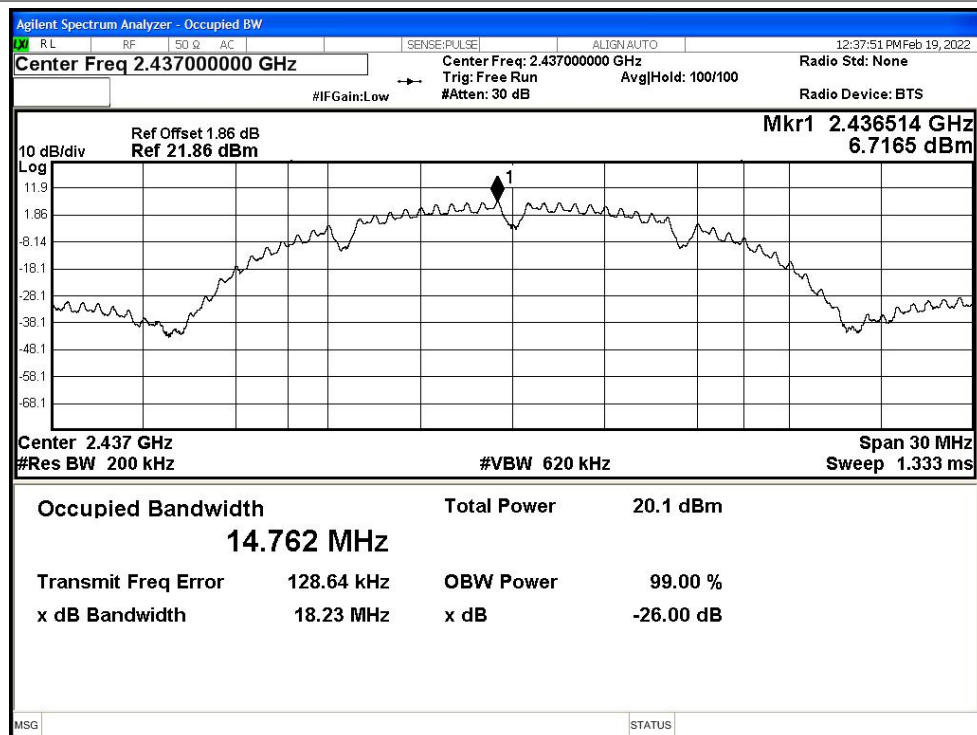


Test Graphs

OBW NVNT b 2412MHz Ant1

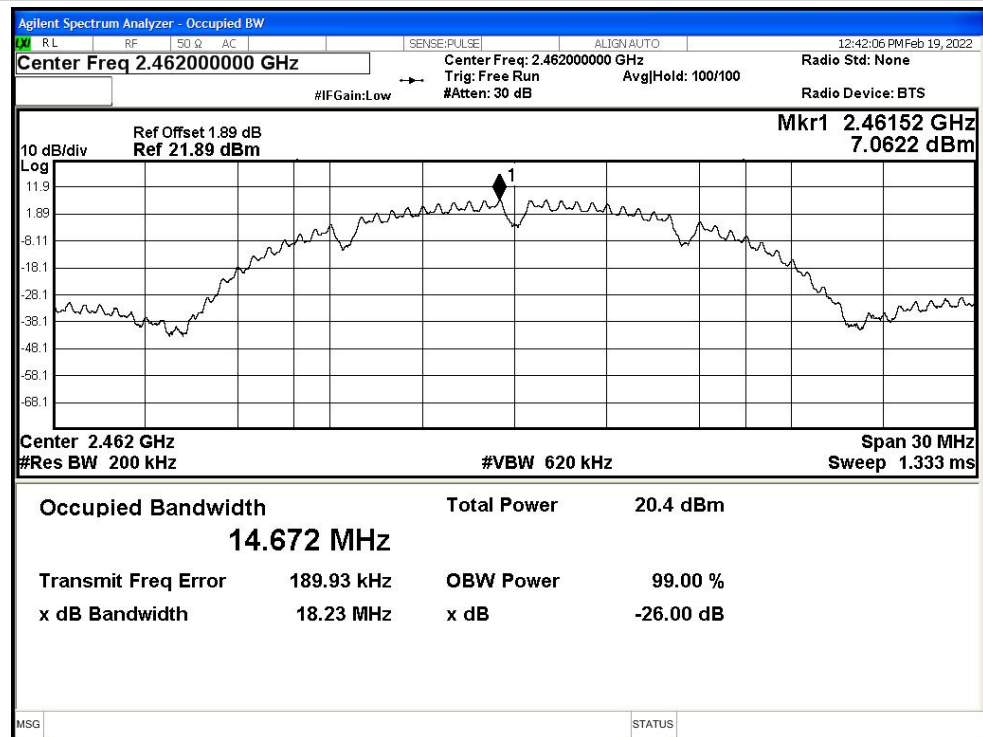


OBW NVNT b 2437MHz Ant1

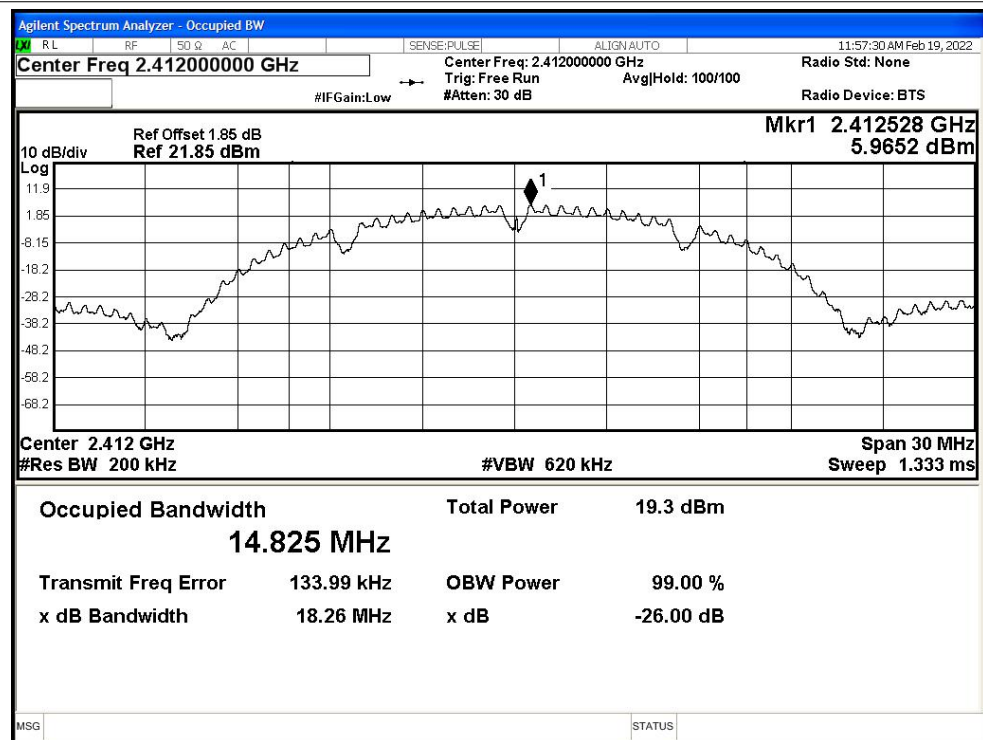




OBW NVNT b 2462MHz Ant1

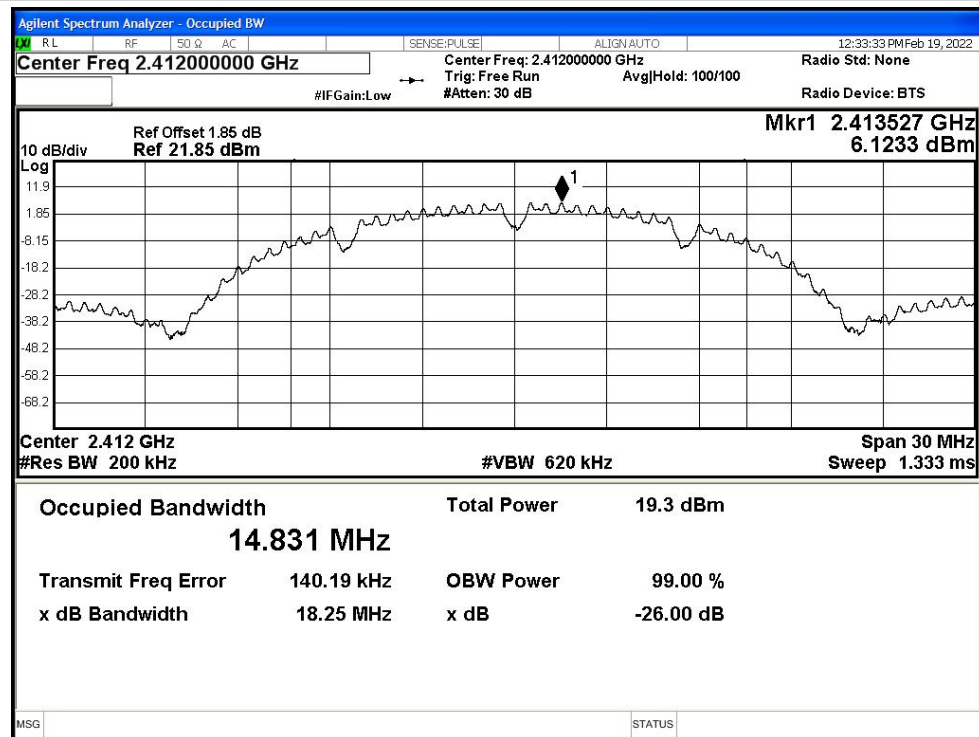


OBW NVNT b 2412MHz Ant1

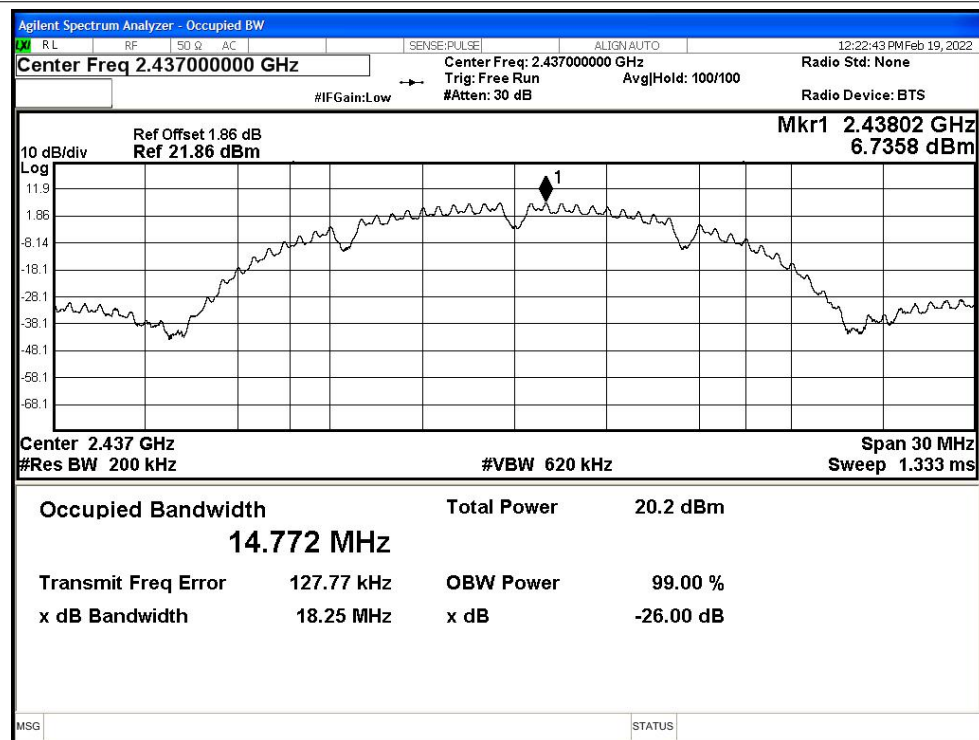




OBW NVNT b 2412MHz Ant1

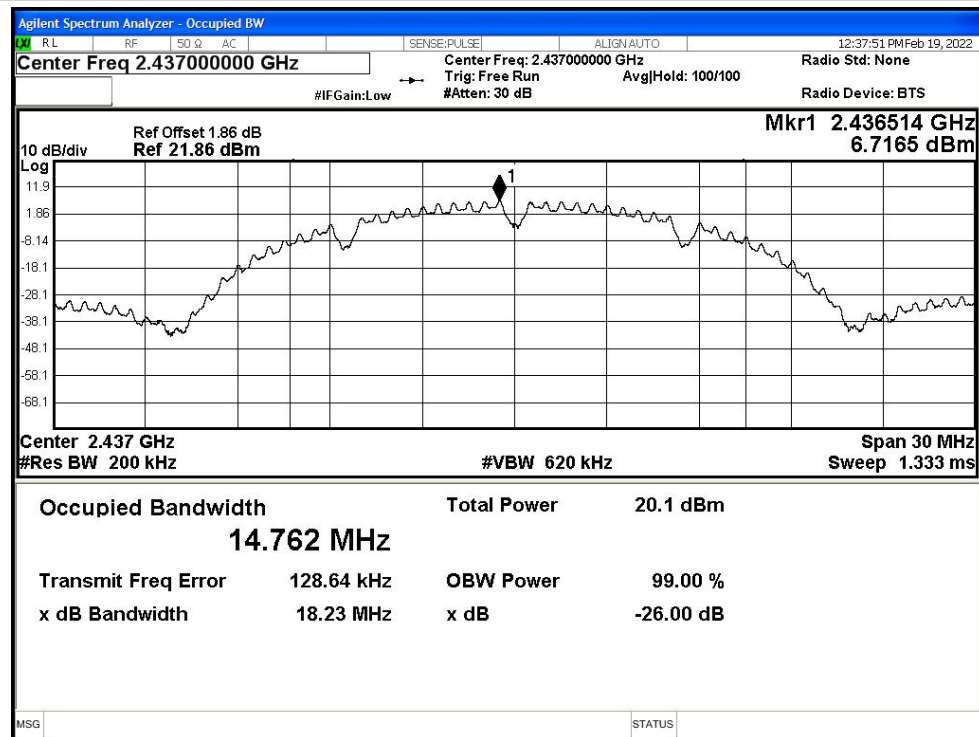


OBW NVNT b 2437MHz Ant1

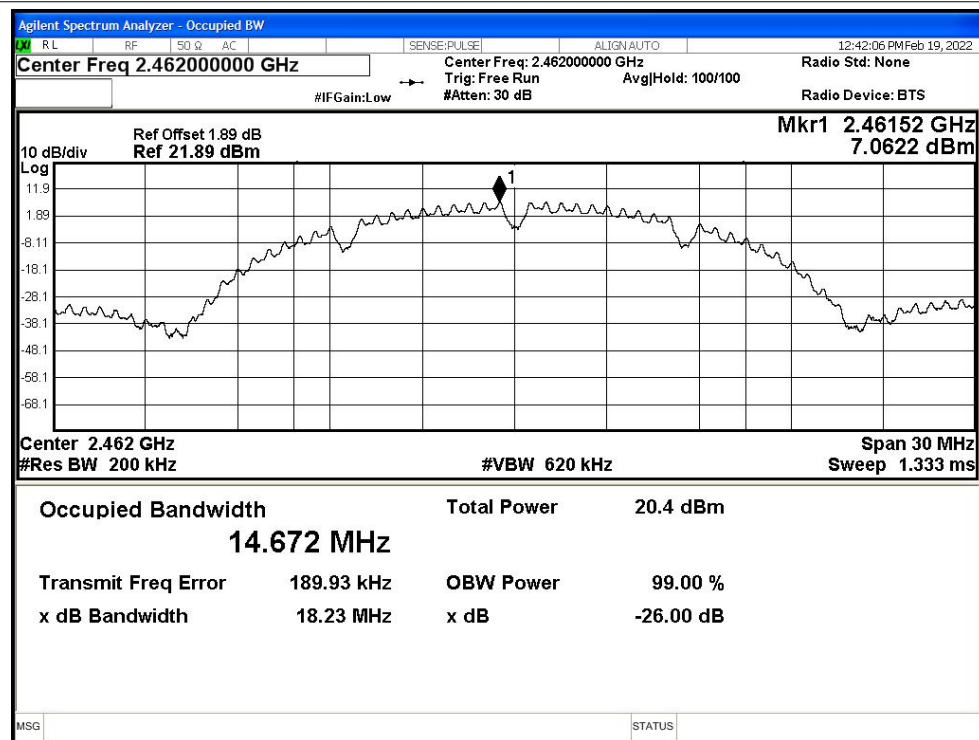




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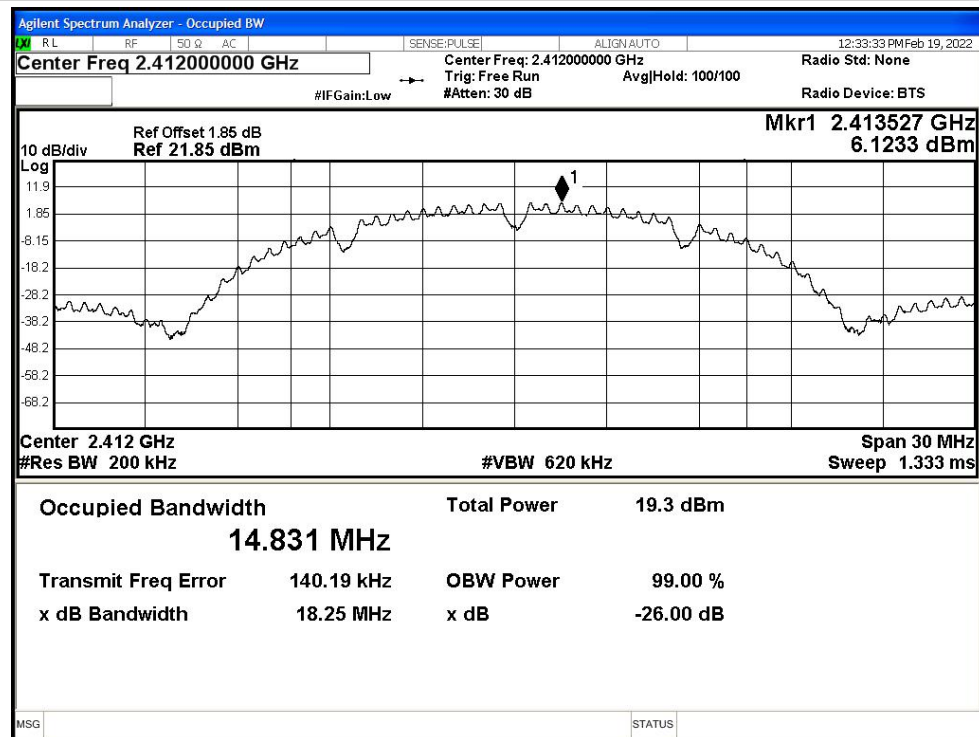


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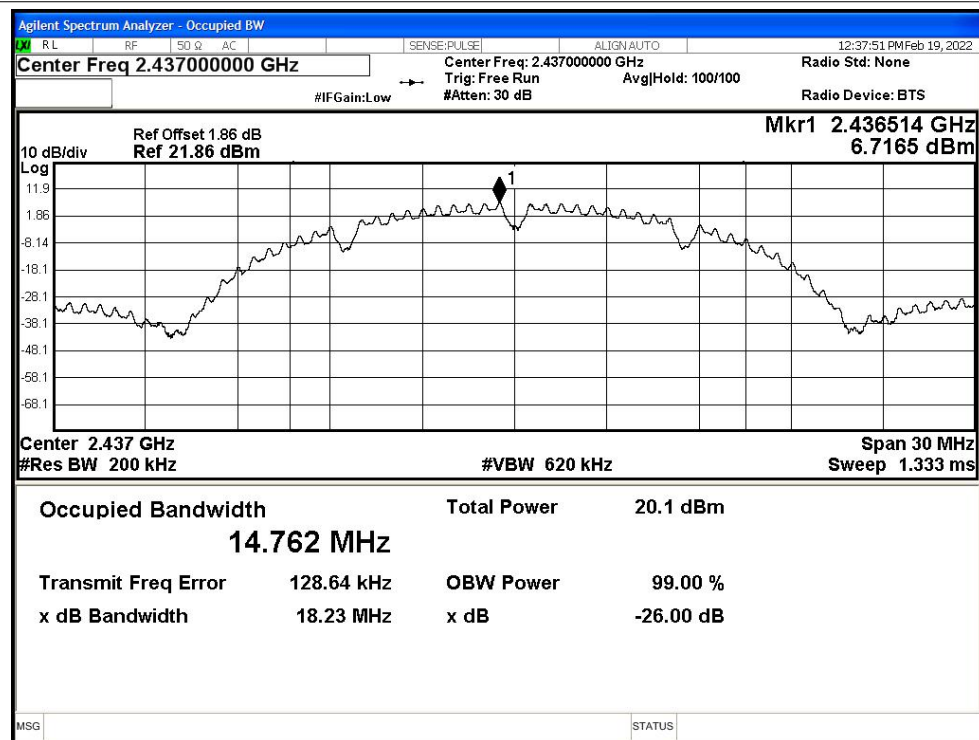




OBW NVNT b 2412MHz Ant1

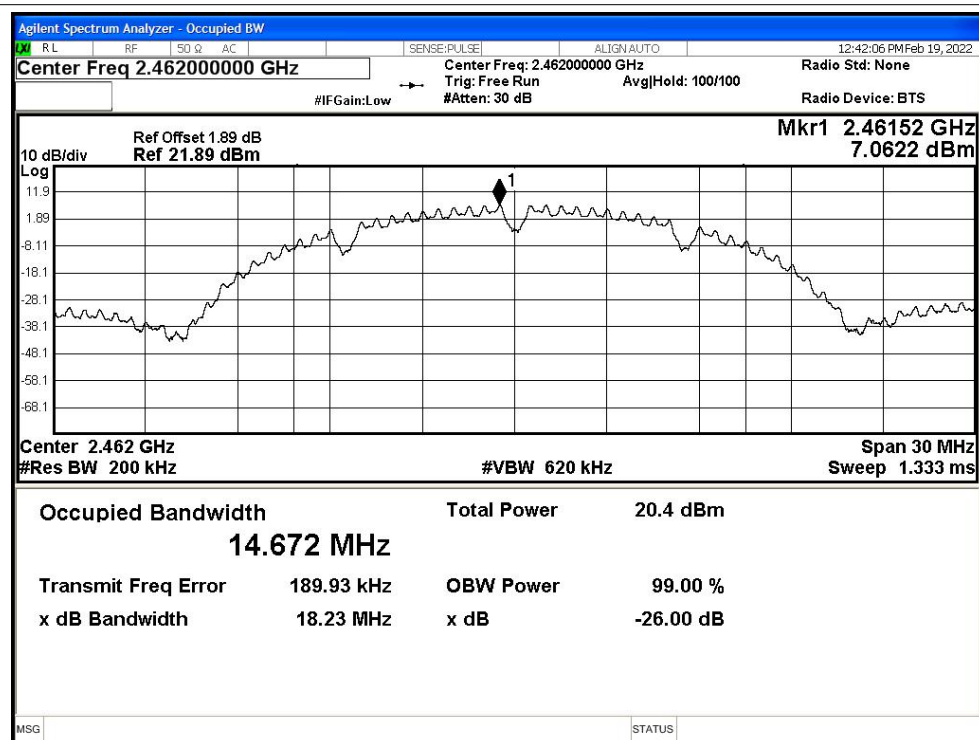


OBW NVNT b 2437MHz Ant1

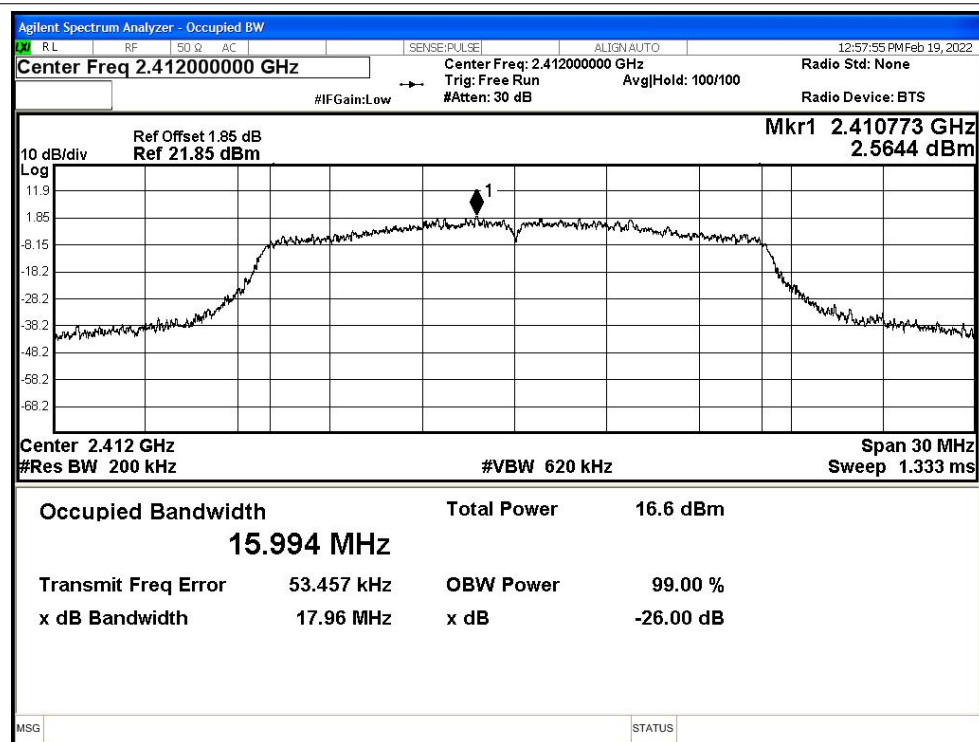




OBW NVNT b 2462MHz Ant1

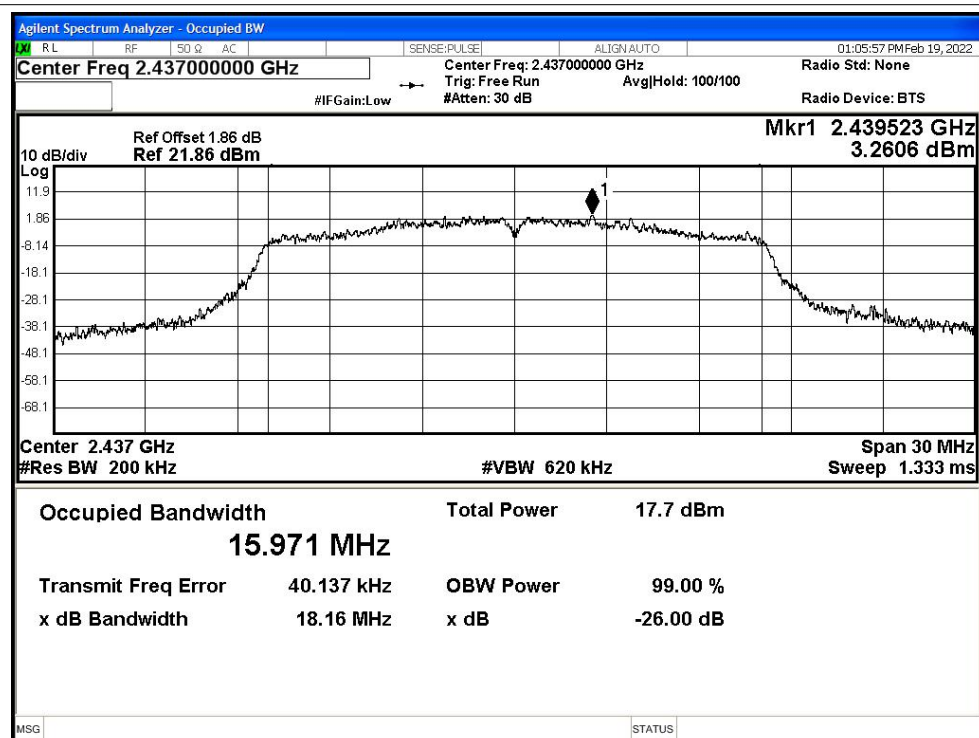


OBW NVNT g 2412MHz Ant1

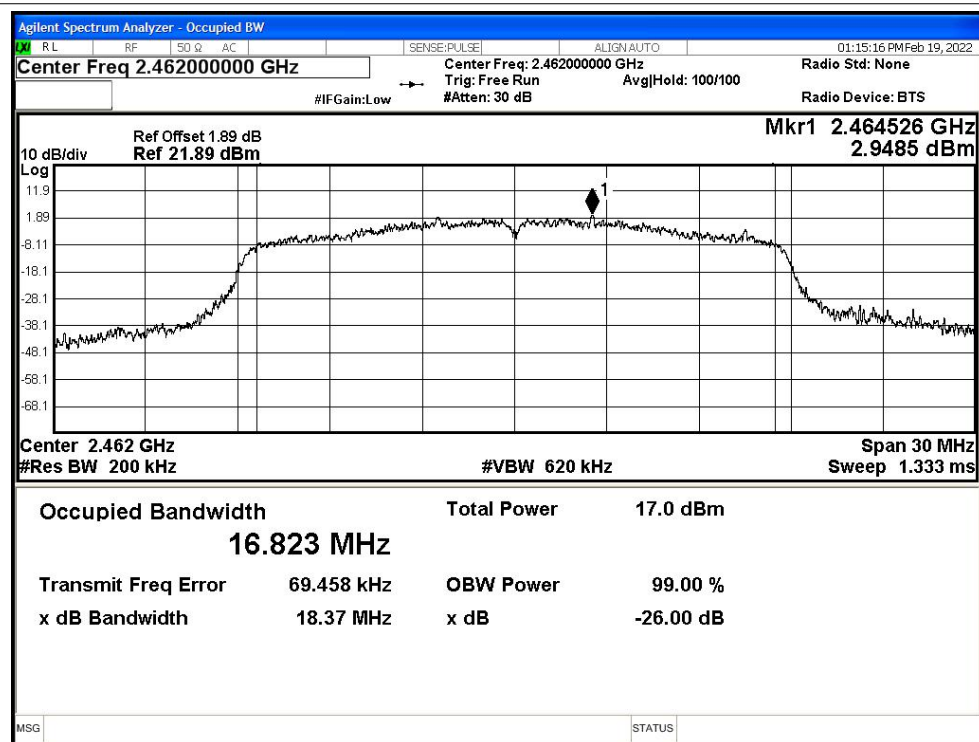




OBW NVNT g 2437MHz Ant1

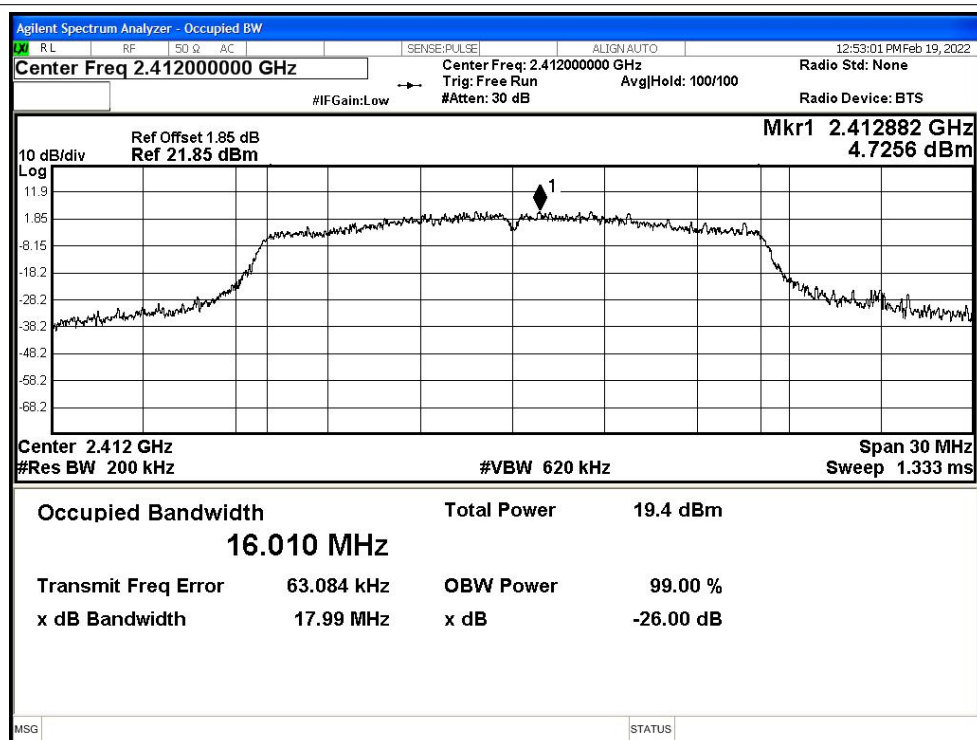


OBW NVNT g 2462MHz Ant1

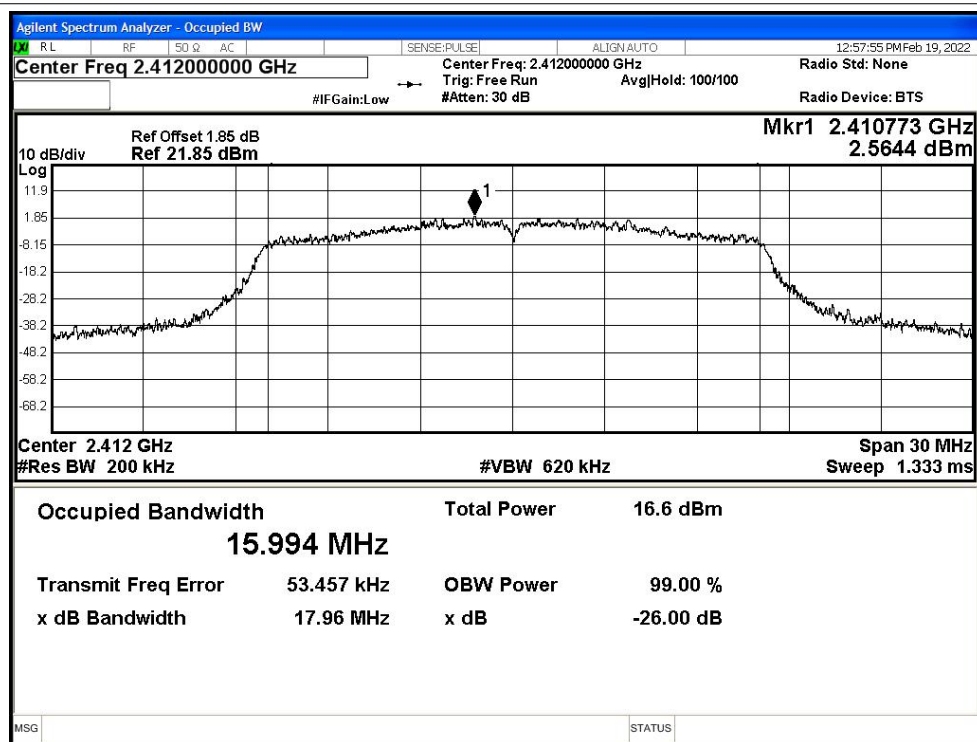




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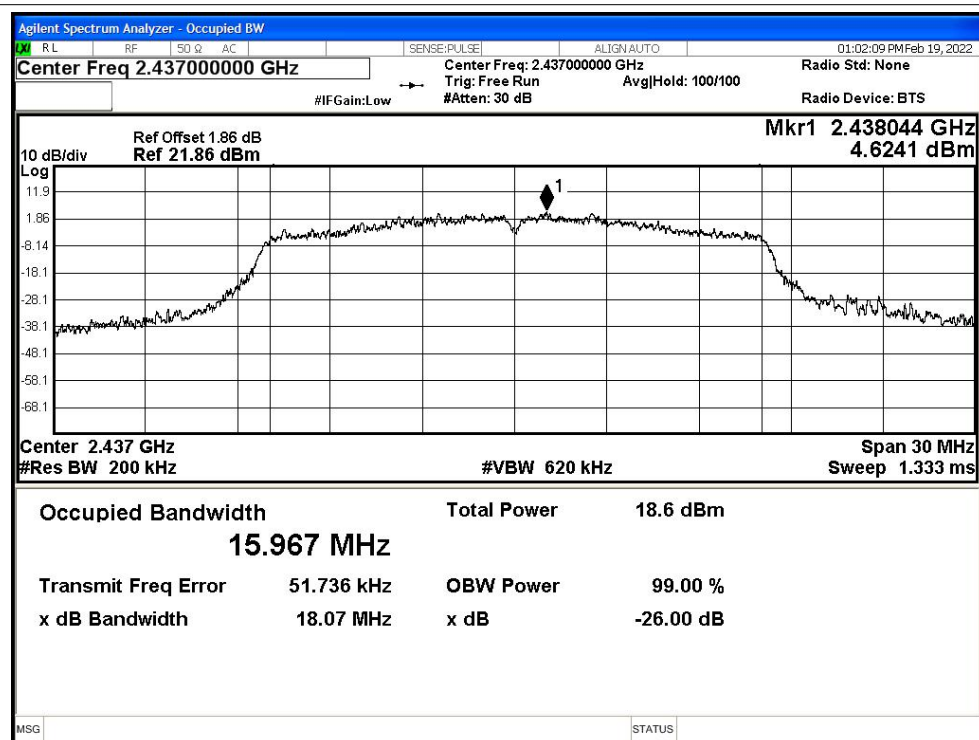


OBW NVNT g 2412MHz Ant1

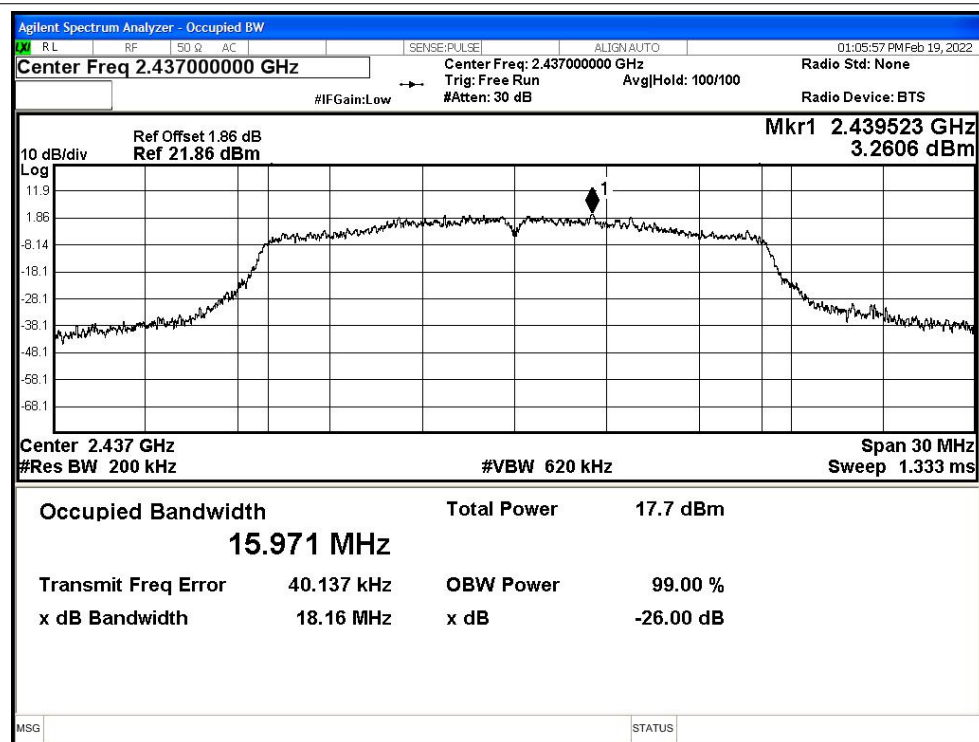




OBW NVNT g 2437MHz Ant1

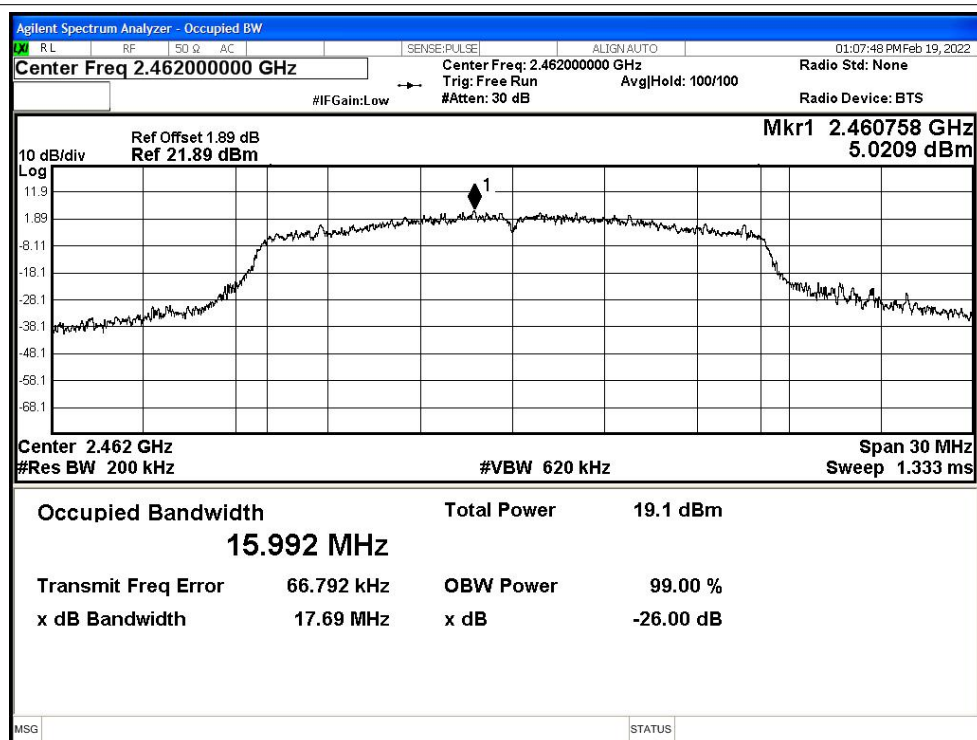


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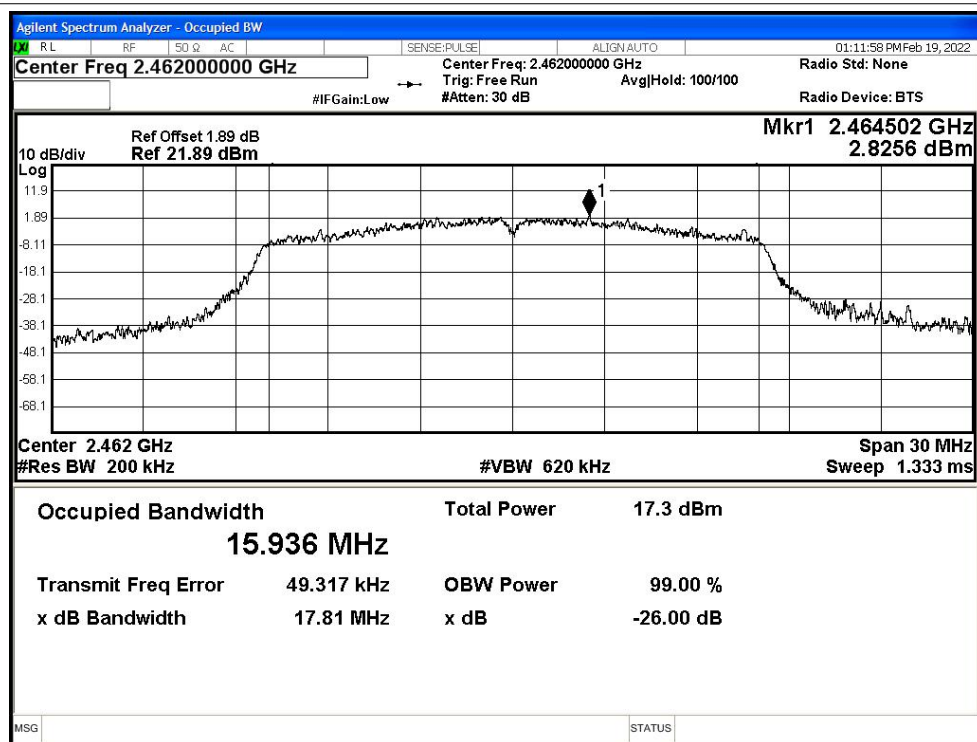




OBW NVNT g 2462MHz Ant1

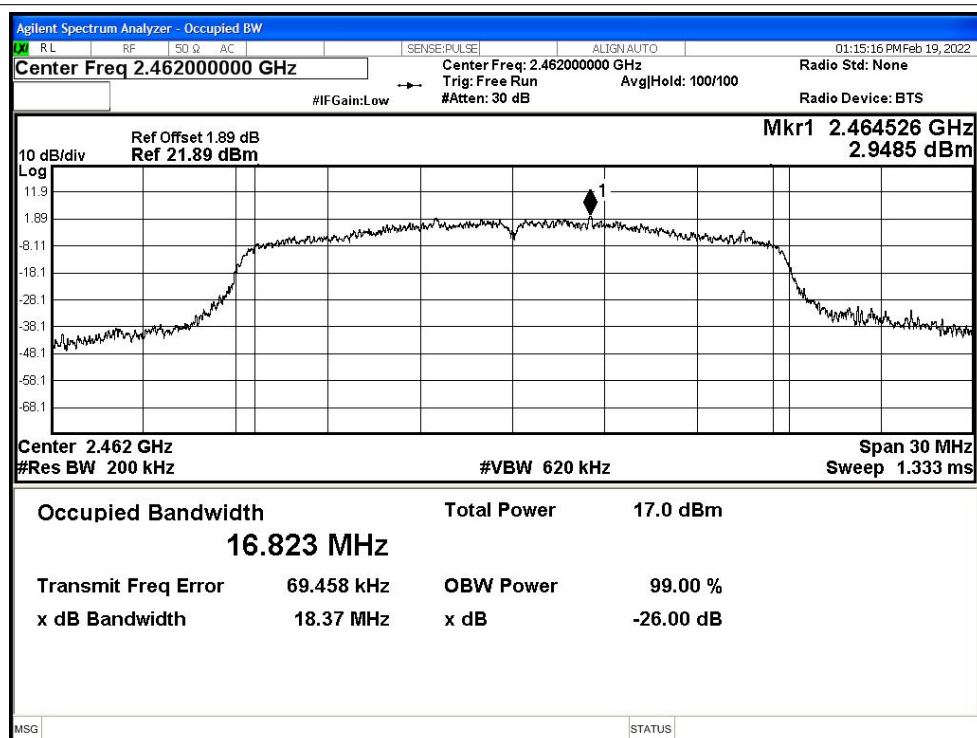


OBW NVNT g 2462MHz Ant1

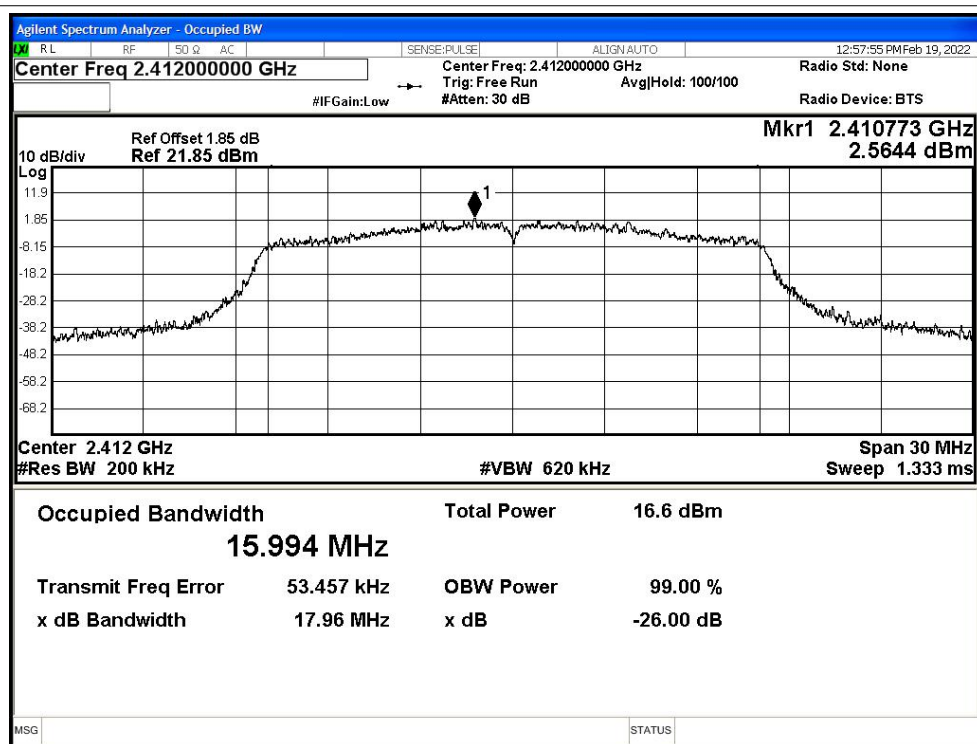




OBW NVNT g 2462MHz Ant1

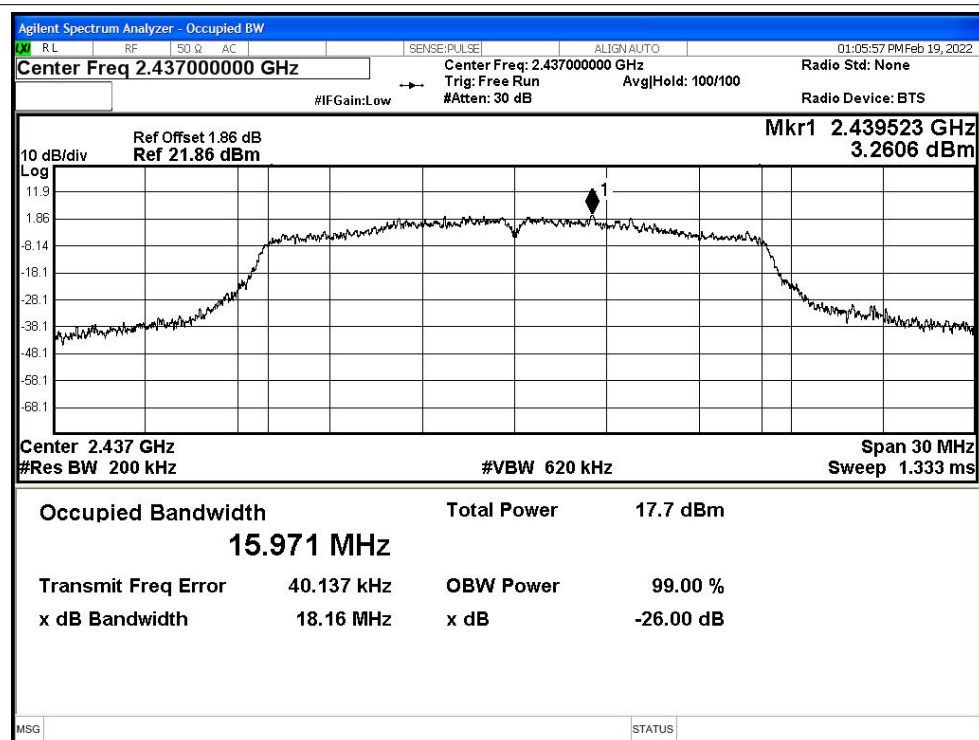


OBW NVNT g 2412MHz Ant1

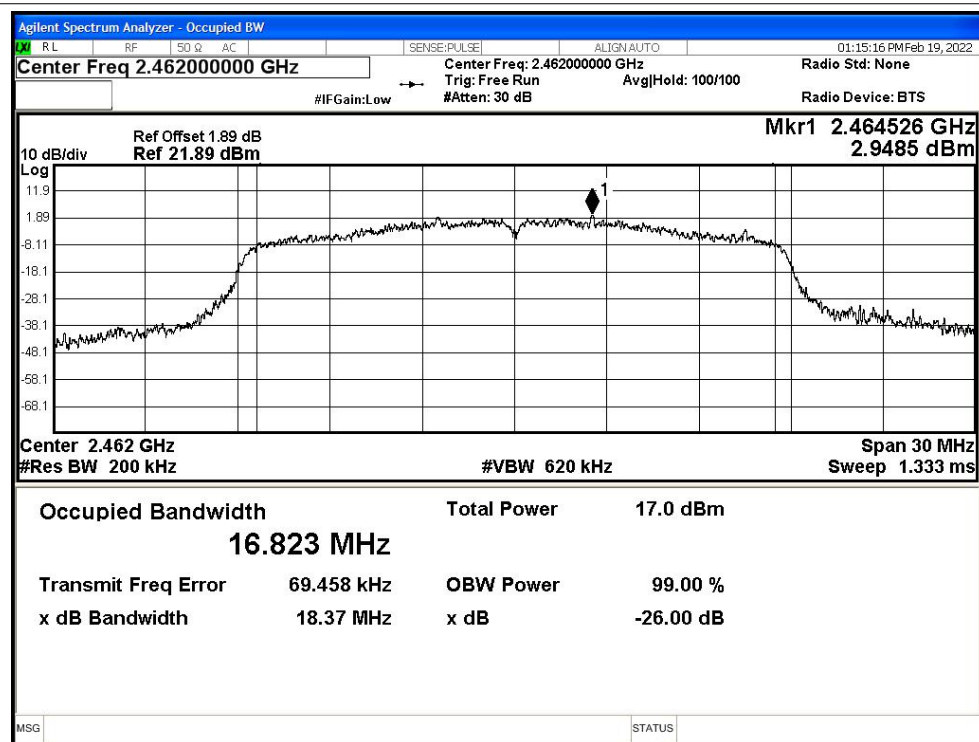




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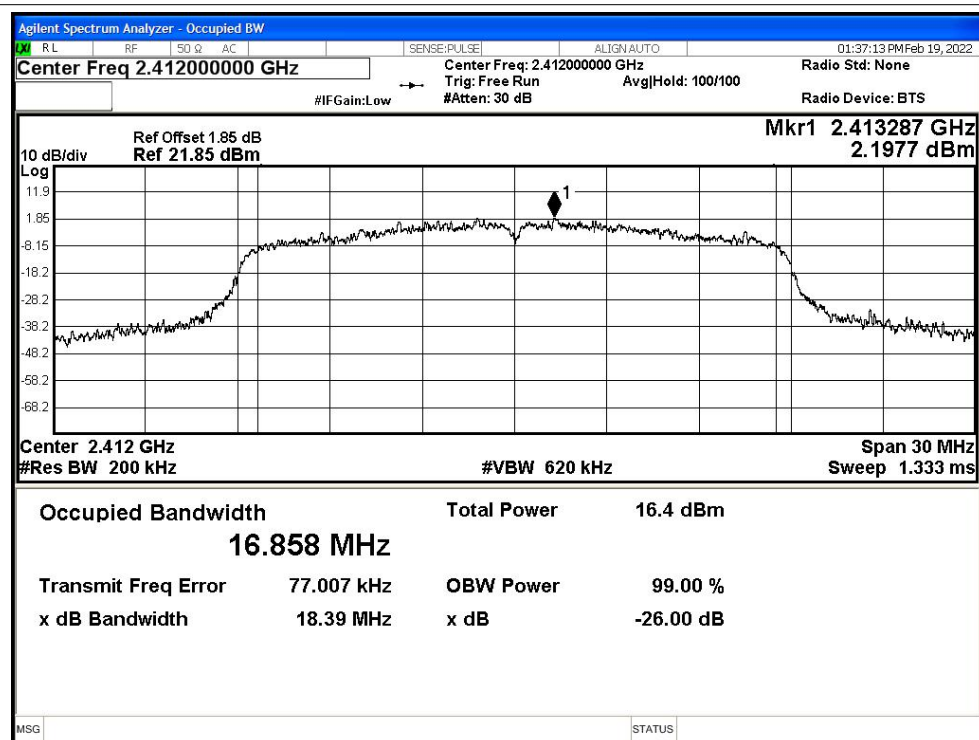


OBW NVNT g 2462MHz Ant1





OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1

