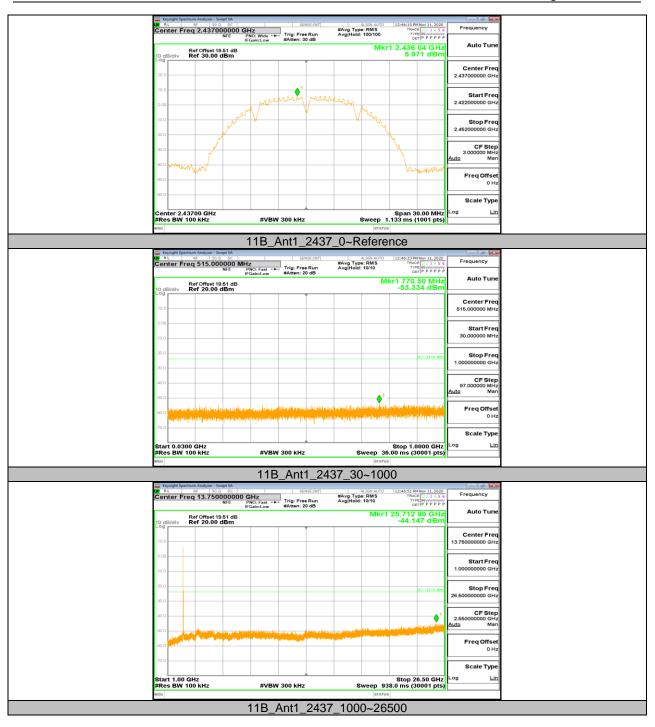


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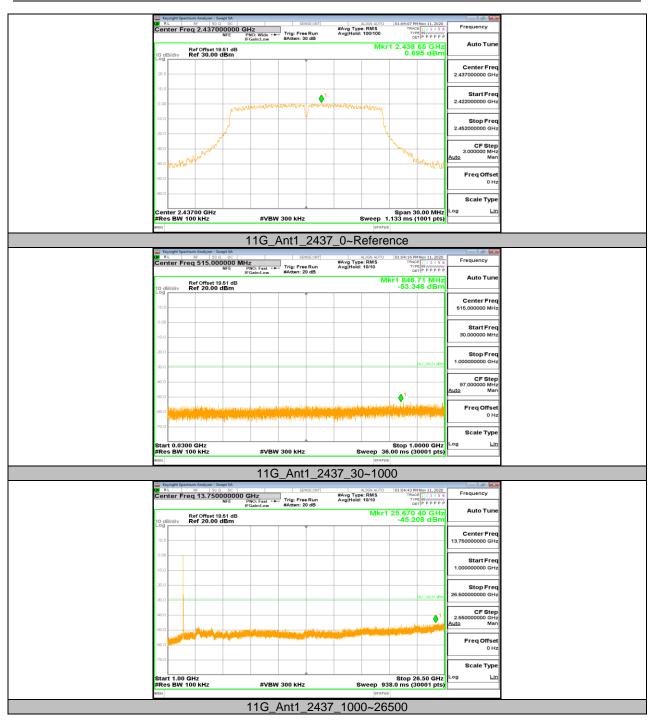


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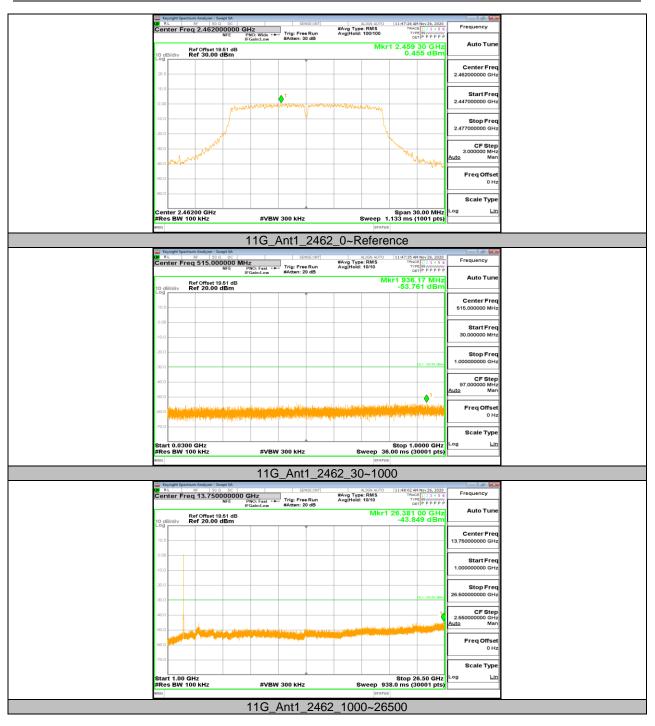


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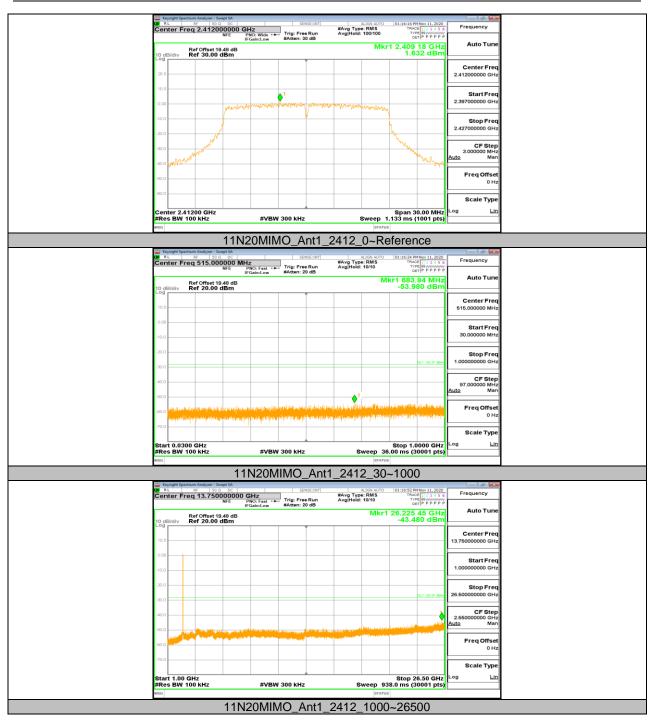


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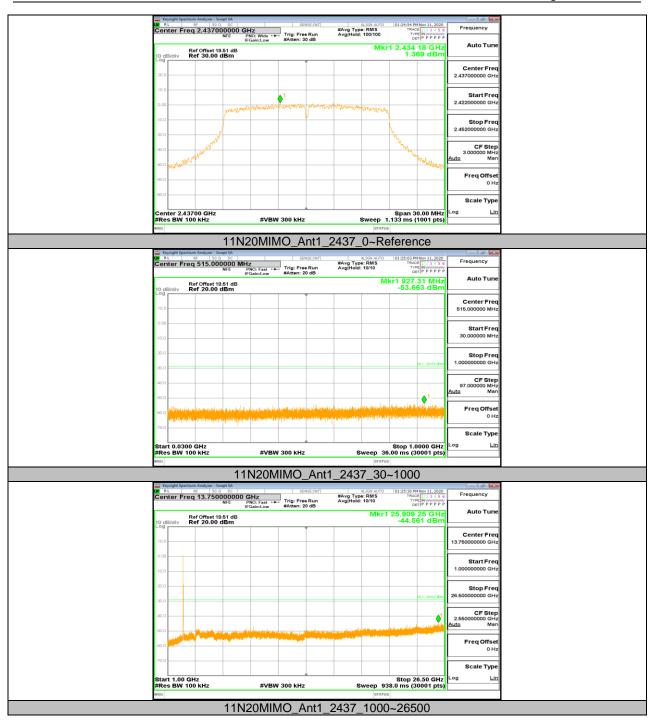


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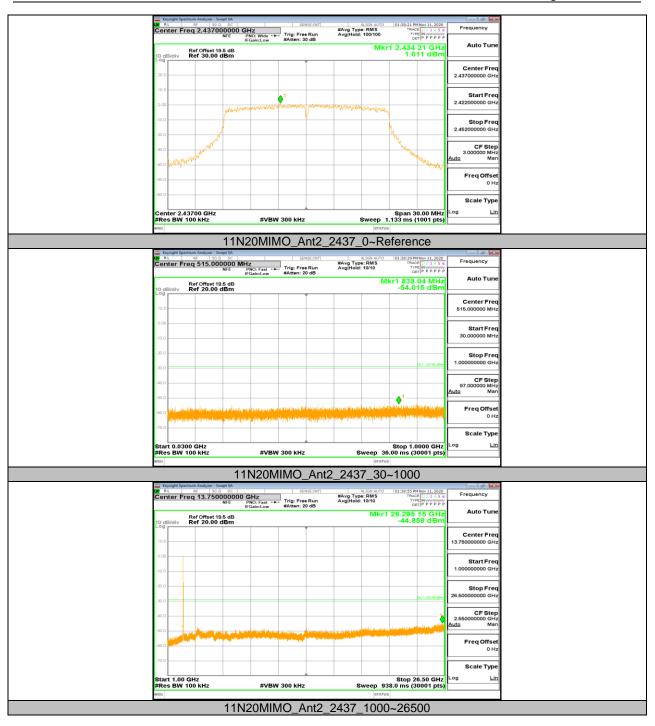


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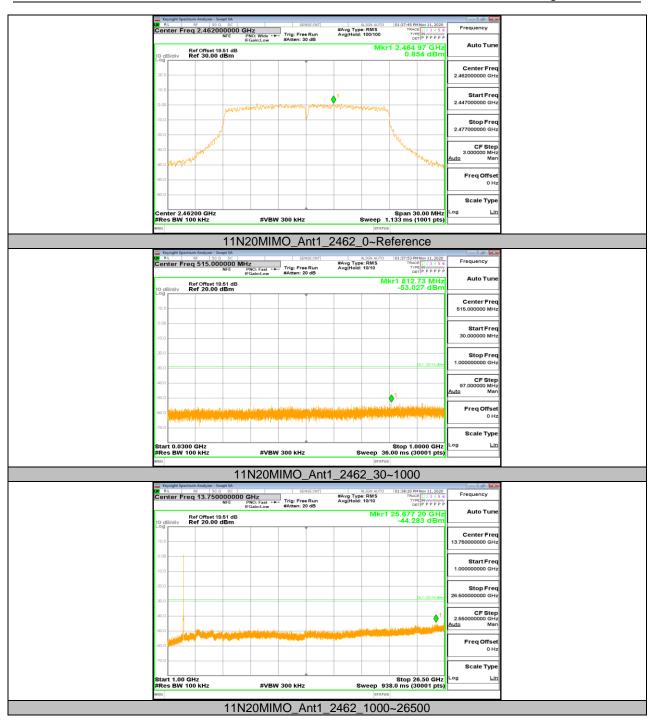


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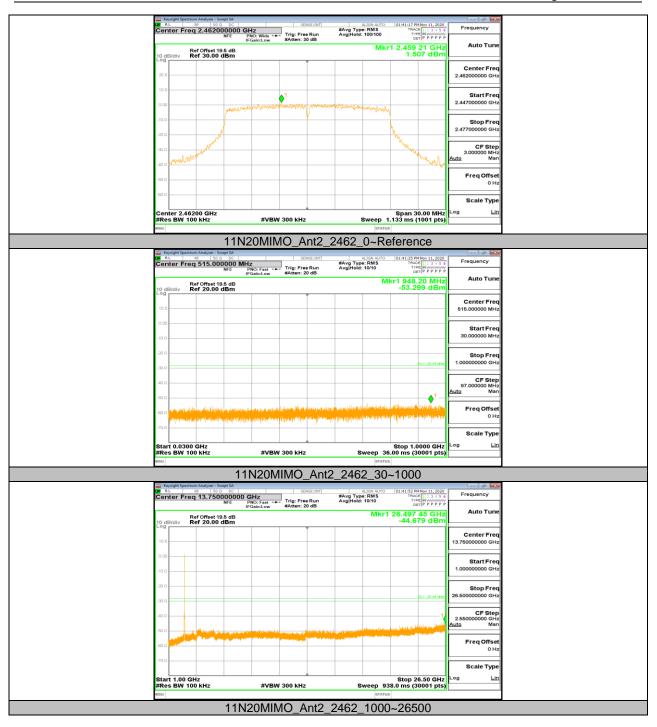


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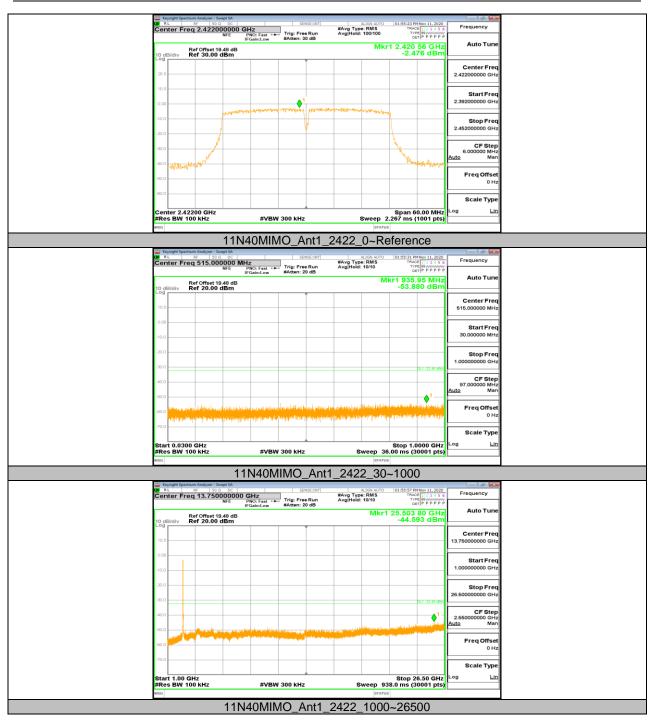


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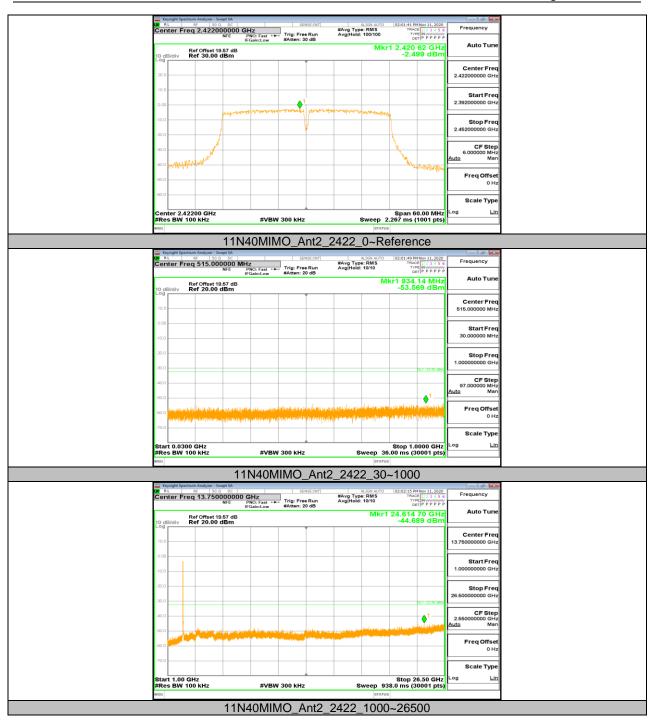


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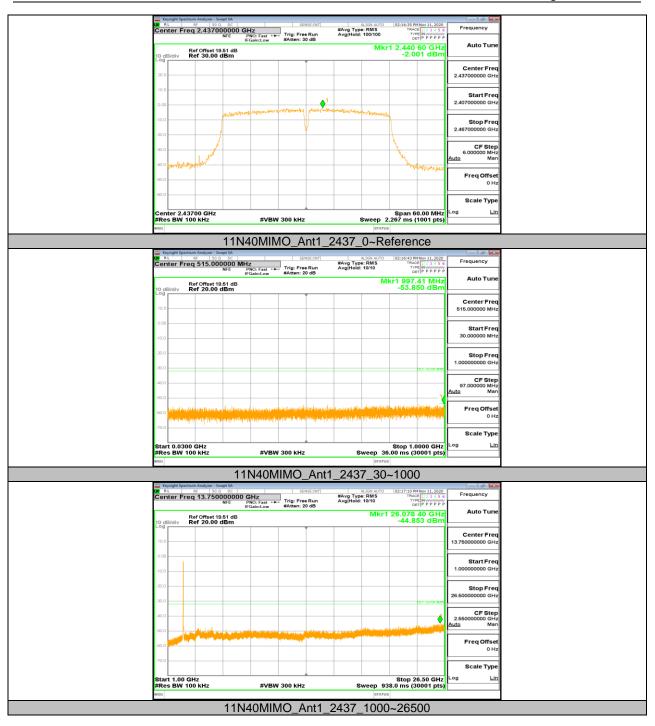


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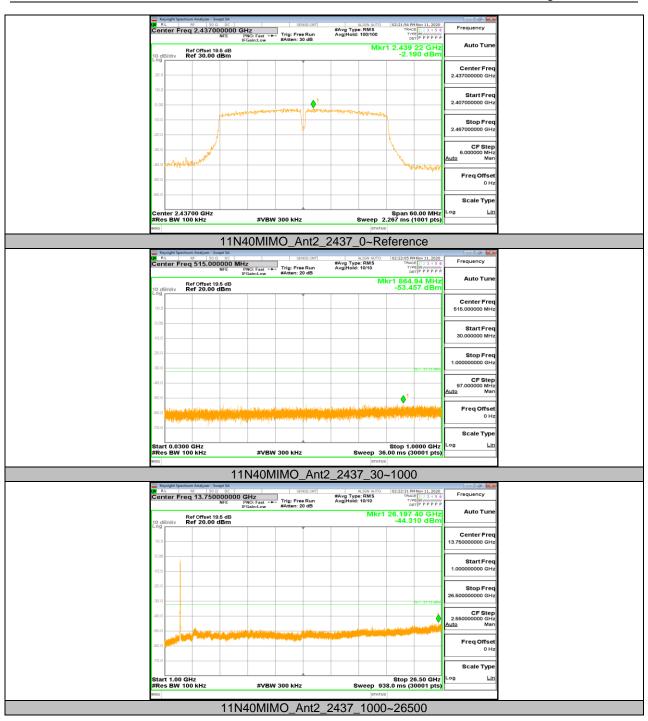




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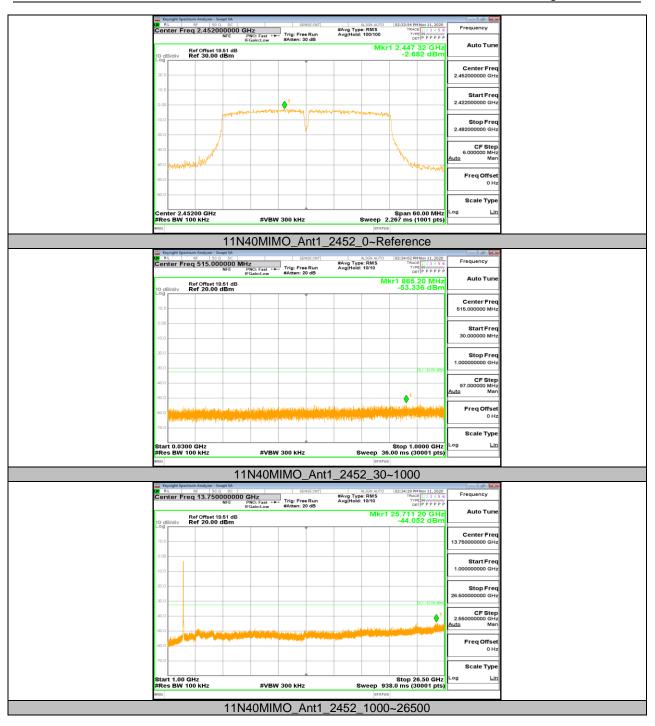




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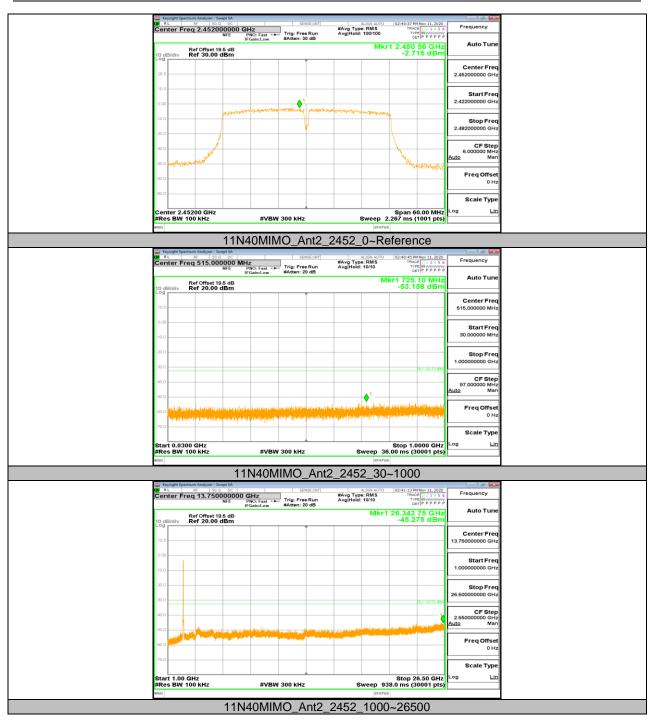


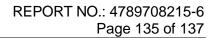
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Appendix G: Duty Cycle Test Result

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	100.1	100.1	1	100	0	0.01	0.01
11G	100.1	100.1	1	100	0	0.01	0.01
11N20MIMO	100.1	100.1	1	100	0	0.01	0.01
11N40MIMO	100.1	100.1	1	100	0	0.01	0.01

Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.



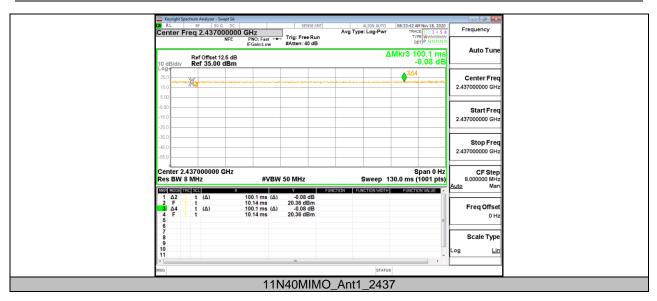
Test Graphs

Keysight Spectrum Analyzer - Swept SA	
CO RL RE 50.0 DC SENSE:INT ALIGN AUTO 08:29:43 AM Nov 18, 2020	Frequency
Center Freq 2.437000000 GHz NFE PN0: Fast → Trig: Free Run FrGain.cow #Atten: 40 dB DET P10: NN N	
Ref Offset 12.5 dB ΔMkr3 100.1 ms	Auto Tune
10 dB/div Ref 35.00 dBm -2.36 dB	
	Center Freq
160	2.437000000 GHz
5.00	Start Freq
15.0	2.437000000 GHz
-35.0	
45.0	Stop Freq 2.43700000 GHz
.65.0	2.437000000 9H2
Center 2.437000000 GHz Span 0 Hz	CF Step
Res BW 8 MHz #VBW 50 MHz Sweep 130.0 ms (1001 pts) IDER MODE TRC SCI x y FUNCTION NOTH FUNCTION NAUE	8.00000 MHz <u>Auto</u> Man
1 Δ2 1 t (Δ) 100.1 ms (Δ) -2.36 dB 2 F 1 t 11.31 ms 22.75 dBm	
Δ4 t (Δ) 100.1 ms (Δ) -2.36 dB 4 F t t 11.31 ms 22.75 dBm	Freq Offset 0 Hz
6 7	
8	Scale Type
10	Log <u>Lin</u>
All status	<u> </u>
11B_Ant1_2437	
Koyingki Spectrum Analyzer - Snegt SA K = 8	Frequency
NFE PNC: Fast →→ Trig: FreeRun TreE IFGainLow #Atten: 40 dB Det PNN N N	
Ref Offset 12.5 dB ∆Mkr3 100.1 ms	Auto Tune
10 dB/div Ref 35.00 dBm -0.43 dB	
	Center Freq 2.43700000 GHz
500	
500	Start Freq
-15.0	2.437000000 GHz
35.0	
45.0	Stop Freq 2.43700000 GHz
65.0	
Center 2.437000000 GHz Span 0 Hz Res BW 8 MHz #VBW 50 MHz Sweep 130.0 ms (1001 pts)	CF Step 8.000000 MHz
MRRI MODELTRCI SCLI X Y FUNCTION VIDTH I FUNCTION VALUE	Auto Man
$1 \Delta 2$ 1 t (Δ) 100.1 ms (Δ) -0.43 dB 2 F 1 t 14.56 ms 22.49 dBm	Freq Offset
4 F 1 t 14.56 ms 22.49 dBm	0 Hz
6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
8	Scale Type
10	Log <u>Lin</u>
K TATUS	L
11G_Ant1_2437	
Keysight Spectrum Analyzer - Swept SA	
Δ RL RF 50 Ω DC SENSE:INT ALIGN AUTO (06:32:11 AM Nov 16, 2020) Center Freq 2.437000000 GHz Avg Type: Log-Pwr TRACE [1] 2 3 4 5 6	Frequency
NE PRO:Fast → Builden: 40 dB DET NNNNN IFGaint.Cow #Atten: 40 dB DET NNNNN	Auto Tuno
Ref Offset 12.5 dB ΔMkr3 100.1 ms 10 dB/dlv Ref 35.00 dBm 0.60 dB	Auto Tune
25.0 	Center Freq 2.43700000 GHz
5.00	
	Start Freq
450	2.437000000 GHz
35.0	Stop Freq
45.0	2.437000000 GHz
Center 2.437000000 GHz Span 0 Hz Res BW 8 MHz #VBW 50 MHz Sweep 130.0 ms (1001 pts)	CF Step 8.000000 MHz
MORE TRC[SC] X Y FUNCTION VIDTH FUNCTION VIDTH FUNCTION VIDTH	<u>Auto</u> Man
1 Δ2 1 t (Δ) 100.1 ms (Δ) 0.60 dB 2 F 1 t 11.18 ms 24.15 dBm	Freq Offset
3 Δ4 1 t 100.1 ms (Δ) 0.60 dB 4 F 1 t 11.18 ms 24.15 dBm 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 <th7< th=""> <th7< th=""> <th7< th="" th7<=""></th7<></th7<></th7<>	0 Hz
4 F 1 t 11.18 ms 24.15 dBm 6 7 7 8 9 9	
8	Scale Type
10 11 -	Log <u>Lin</u>
KI TI KI	<u></u>
11N20MIMO_Ant1_2437	

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