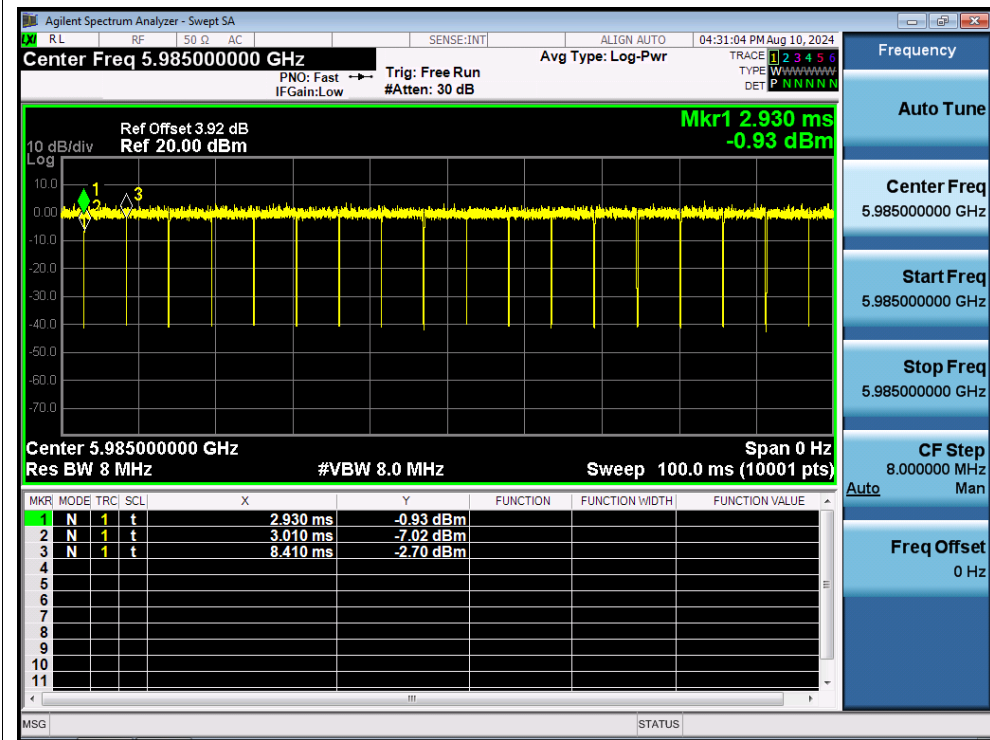
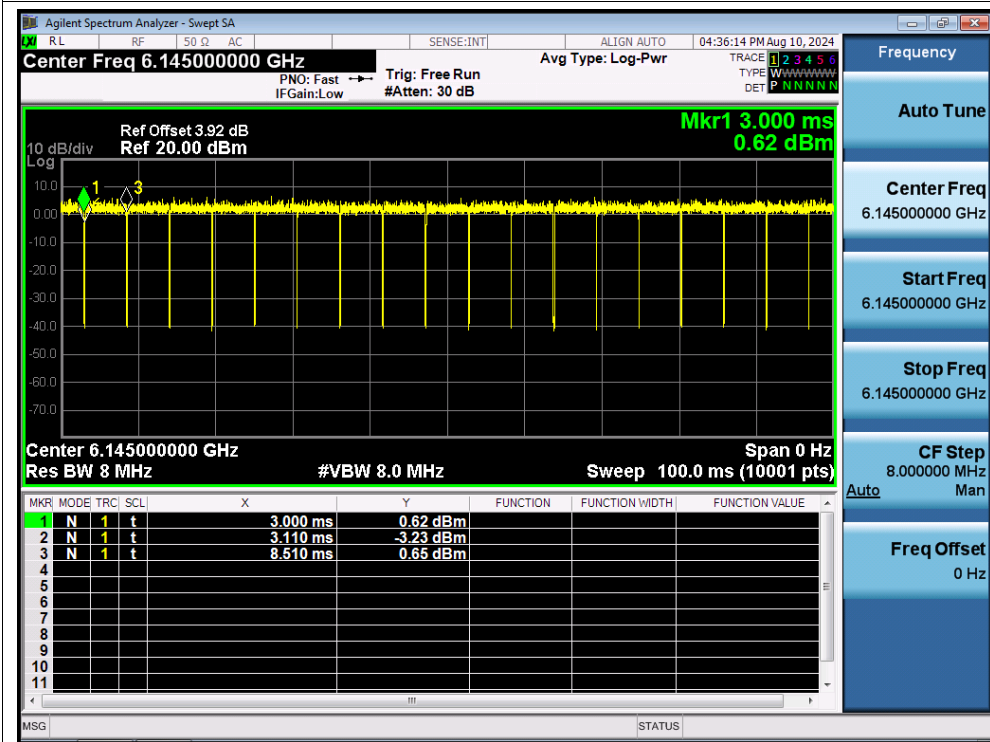


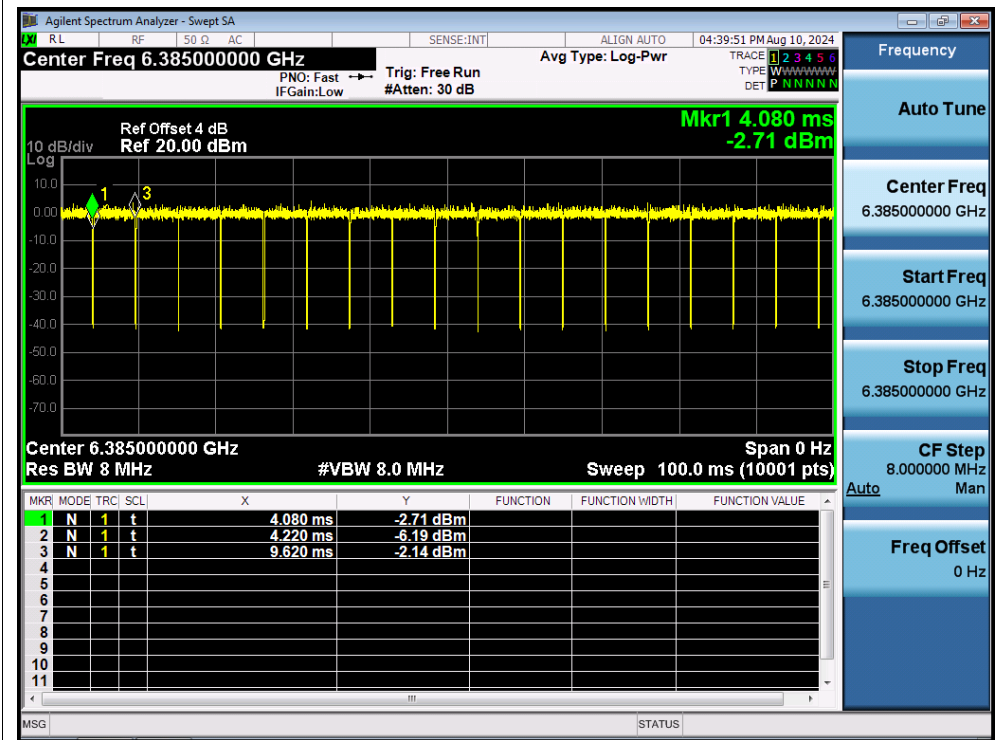
Duty Cycle NVNT ax80 5985MHz Ant3



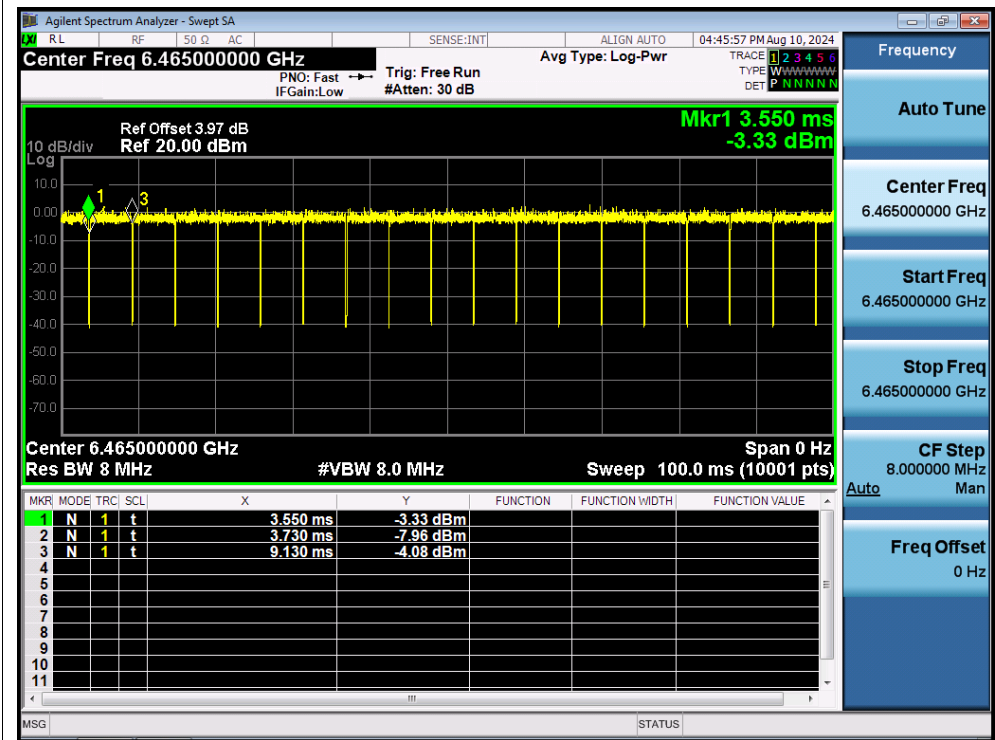
Duty Cycle NVNT ax80 6145MHz Ant3



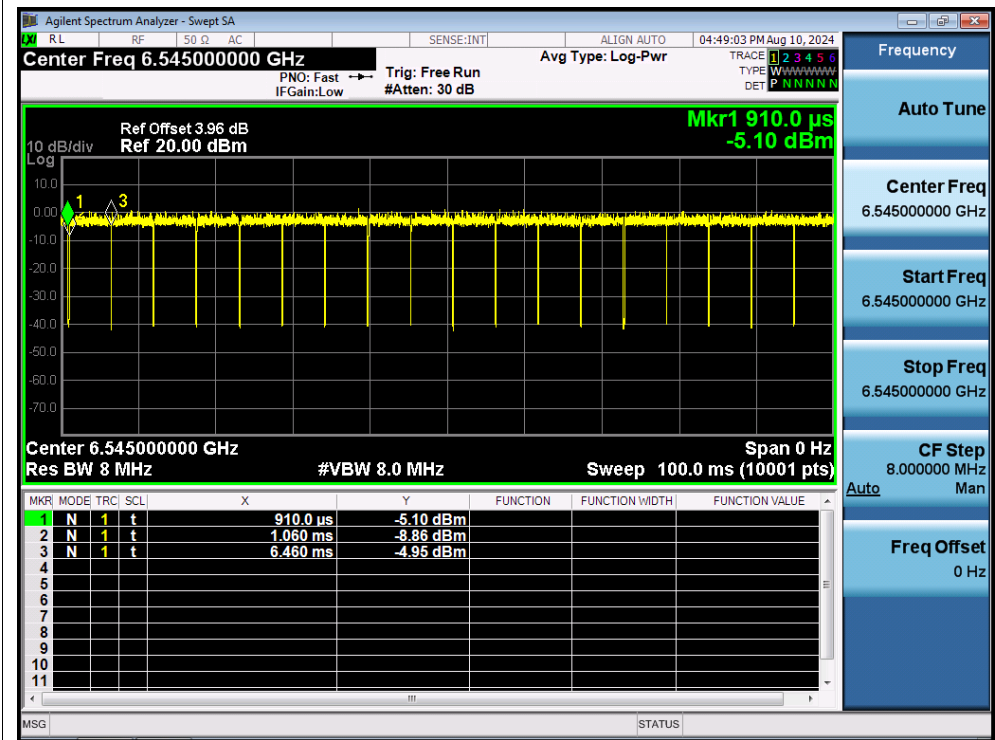
Duty Cycle NVNT ax80 6385MHz Ant3



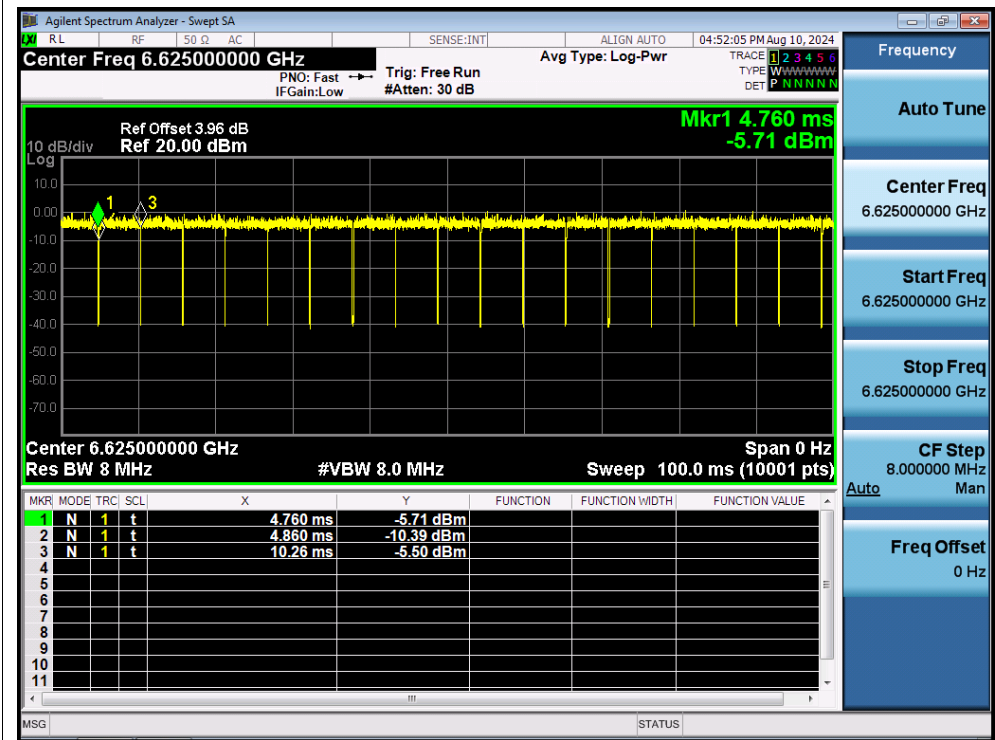
Duty Cycle NVNT ax80 6465MHz Ant3



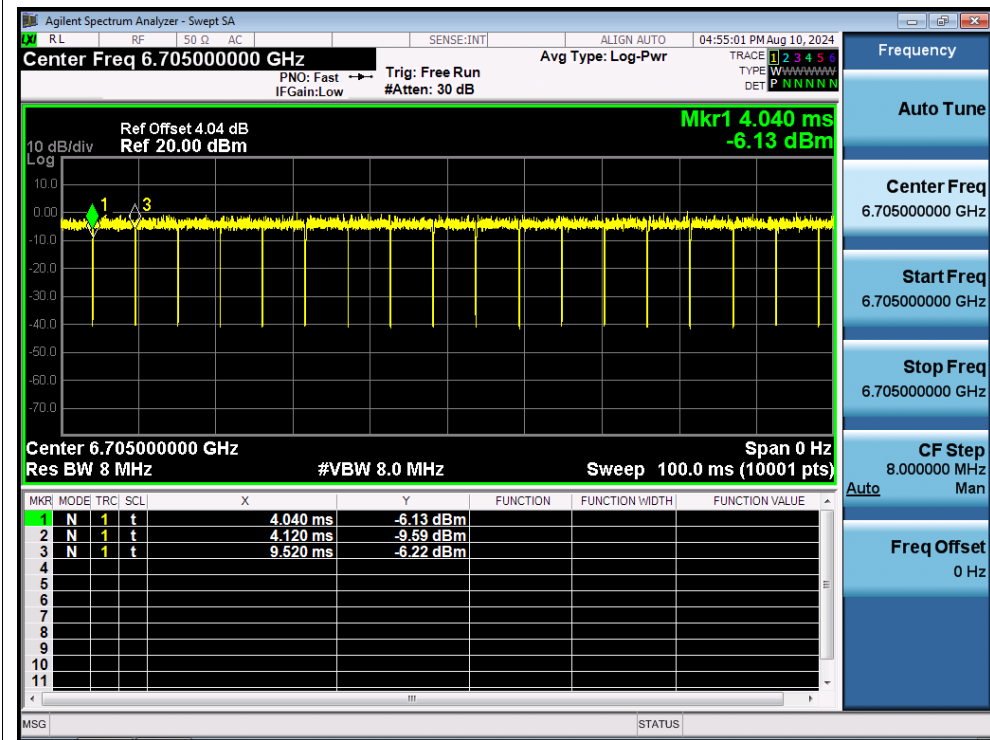
Duty Cycle NVNT ax80 6545MHz Ant3



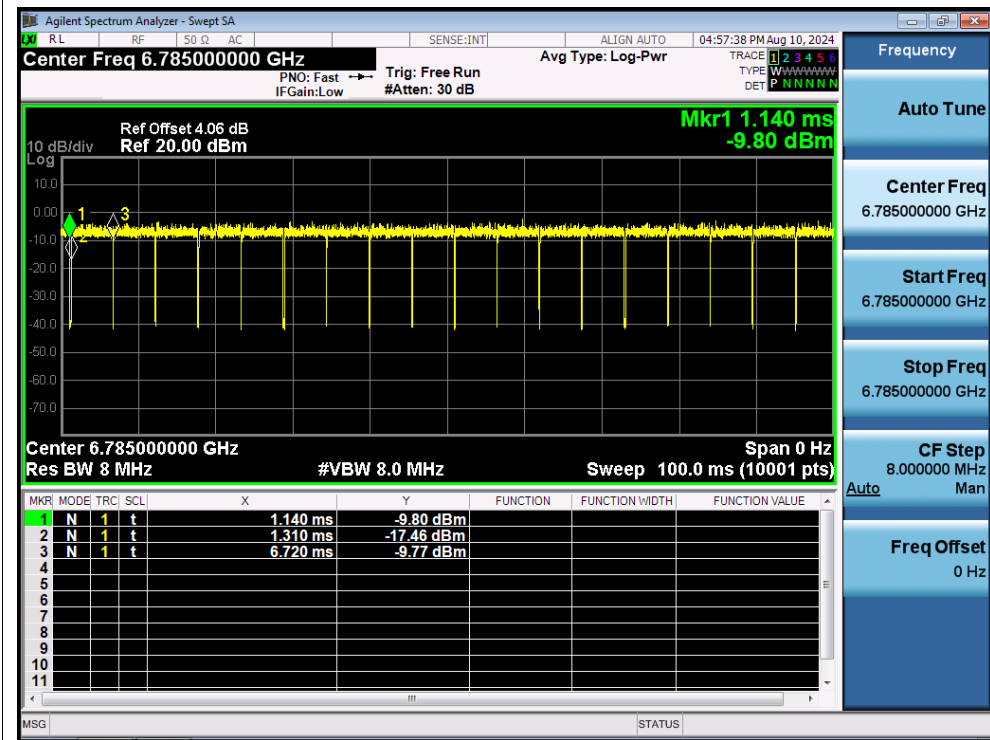
Duty Cycle NVNT ax80 6625MHz Ant3



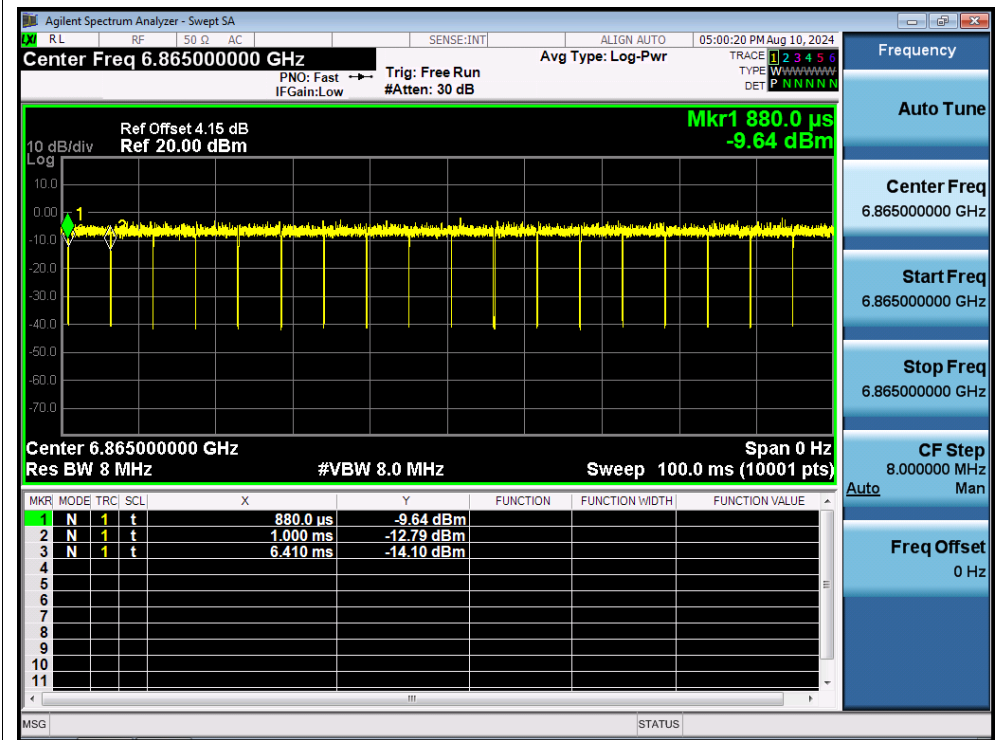
Duty Cycle NVNT ax80 6705MHz Ant3



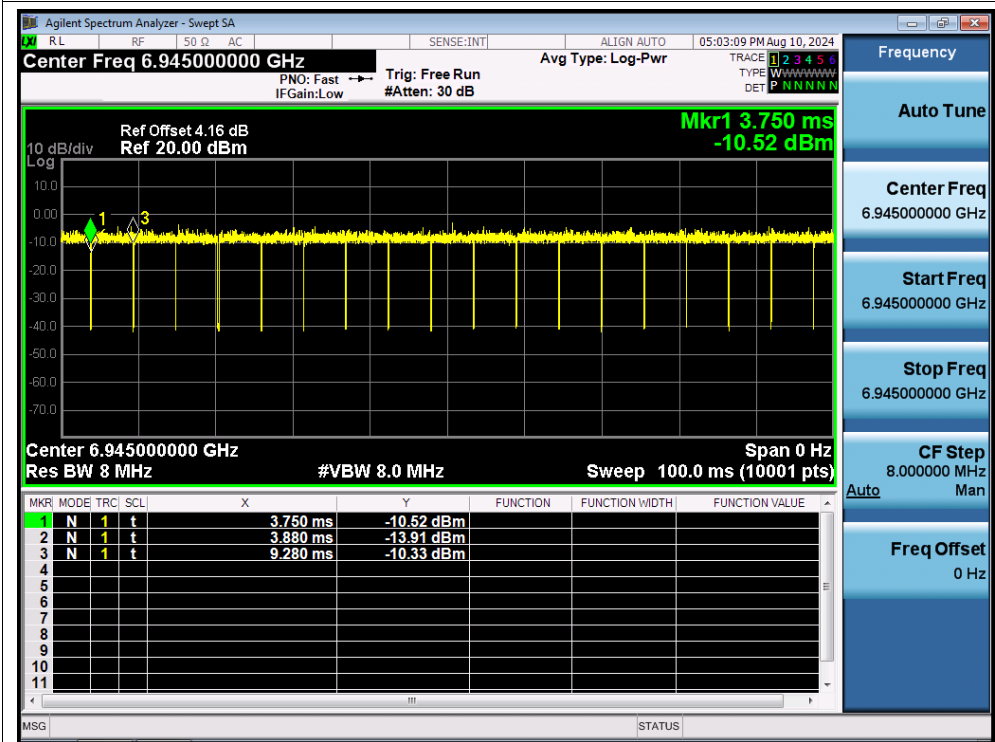
Duty Cycle NVNT ax80 6785MHz Ant3



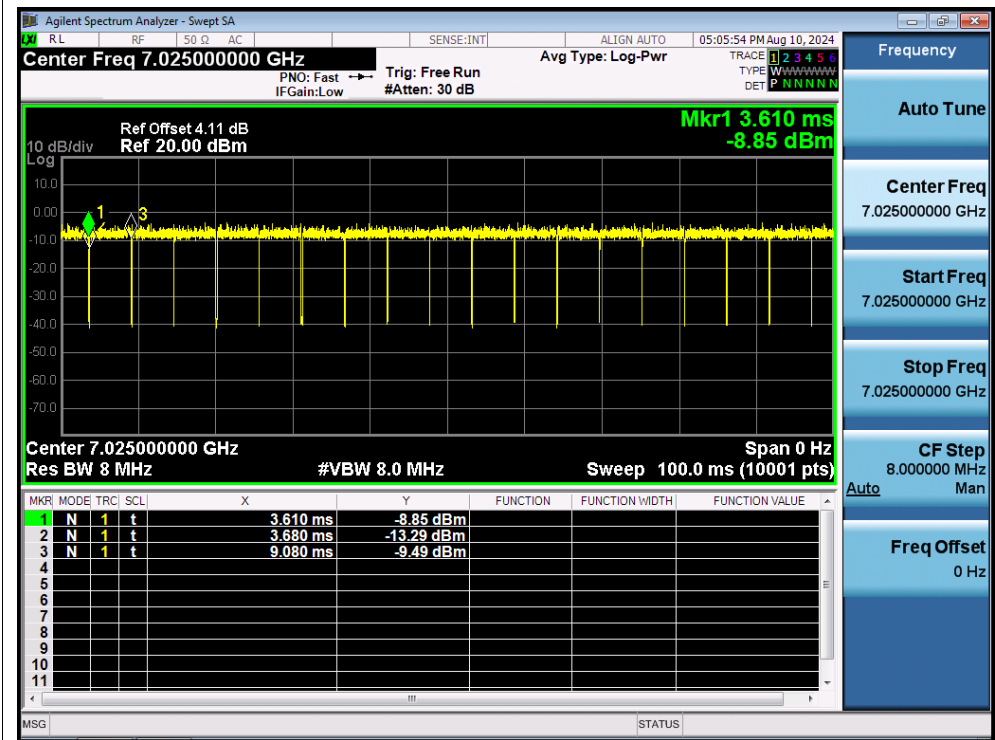
Duty Cycle NVNT ax80 6865MHz Ant3



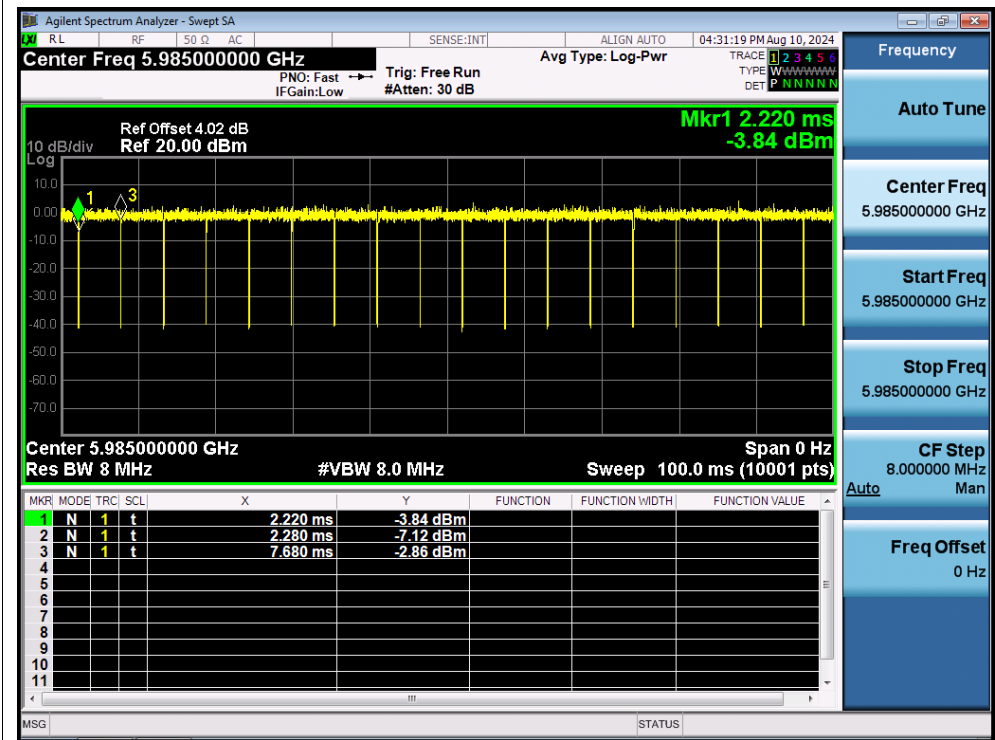
Duty Cycle NVNT ax80 6945MHz Ant3



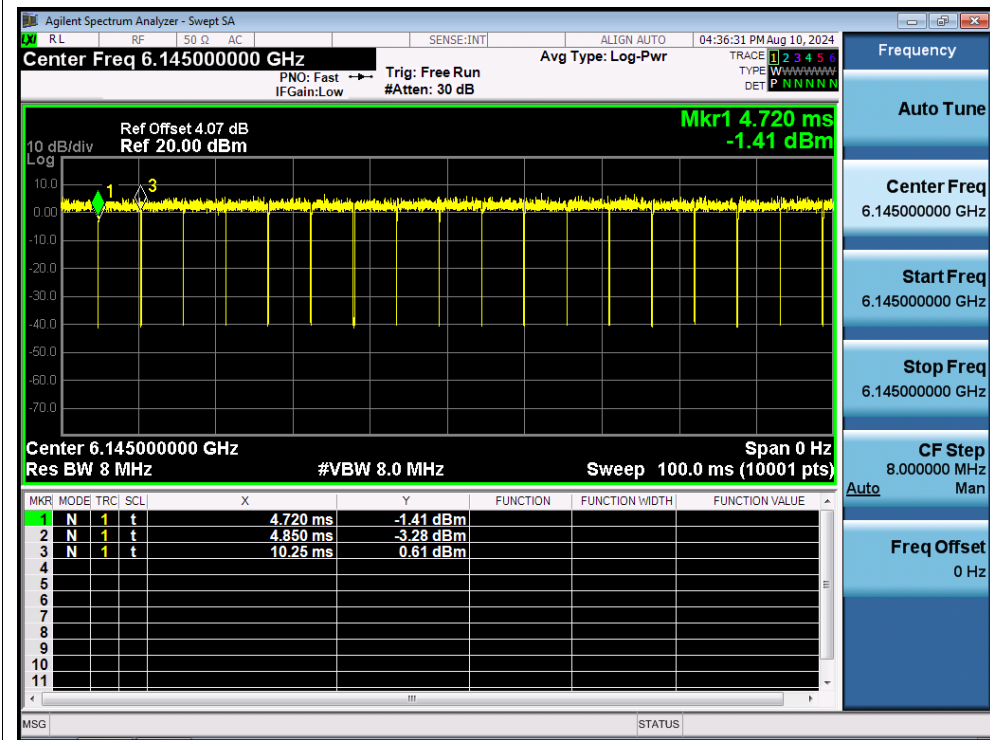
Duty Cycle NVNT ax80 7025MHz Ant3



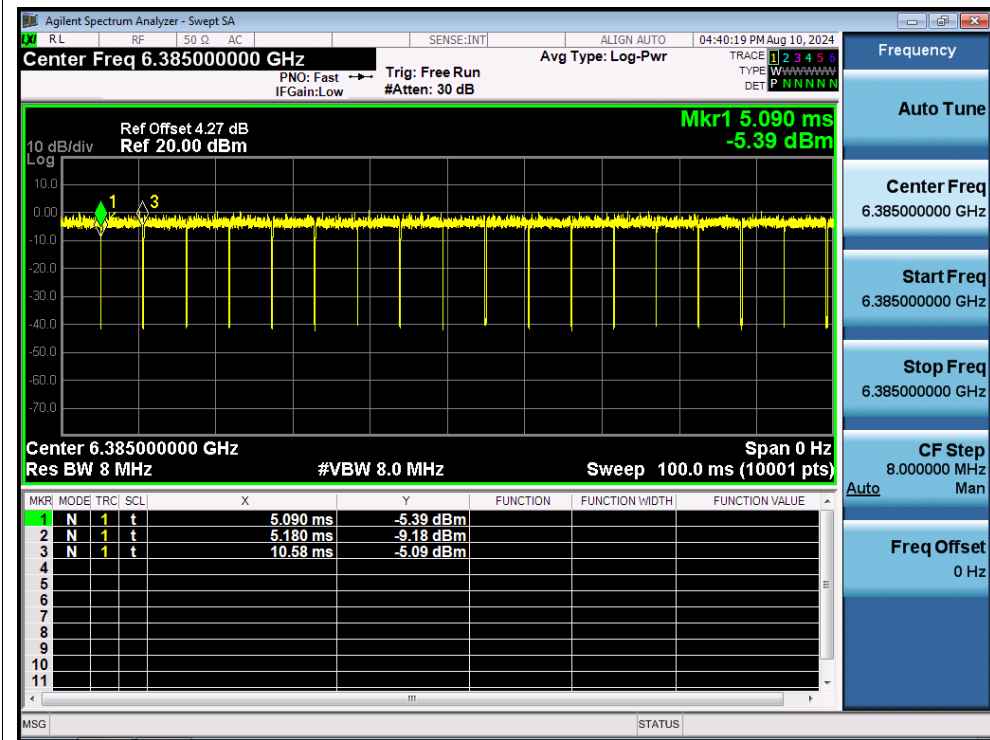
Duty Cycle NVNT ax80 5985MHz Ant4



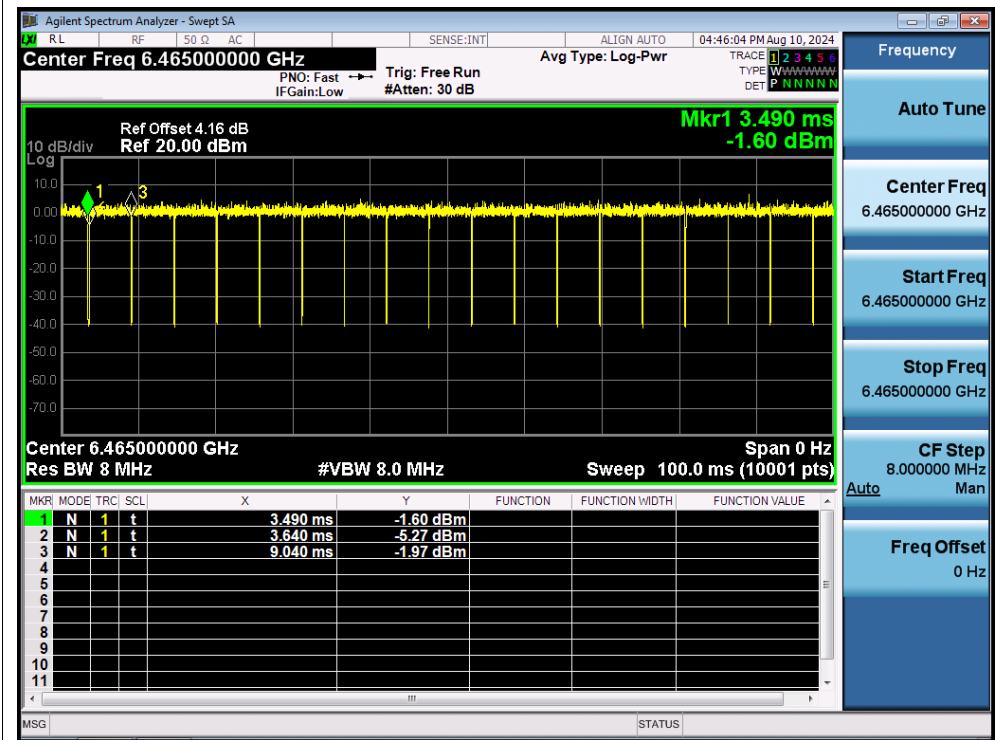
Duty Cycle NVNT ax80 6145MHz Ant4



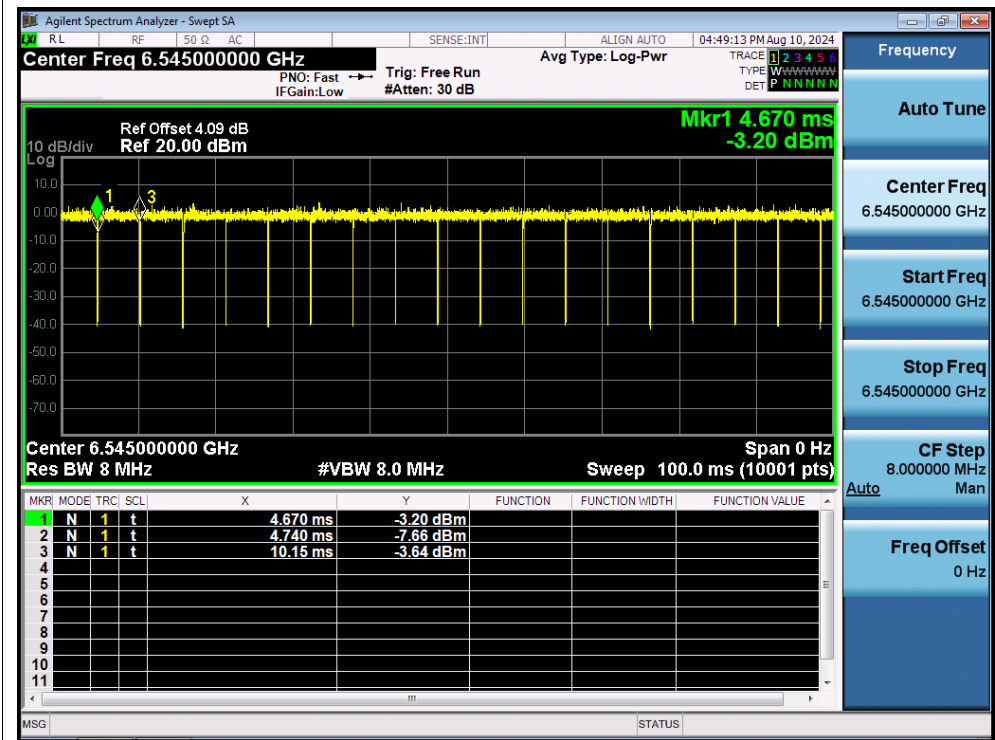
Duty Cycle NVNT ax80 6385MHz Ant4



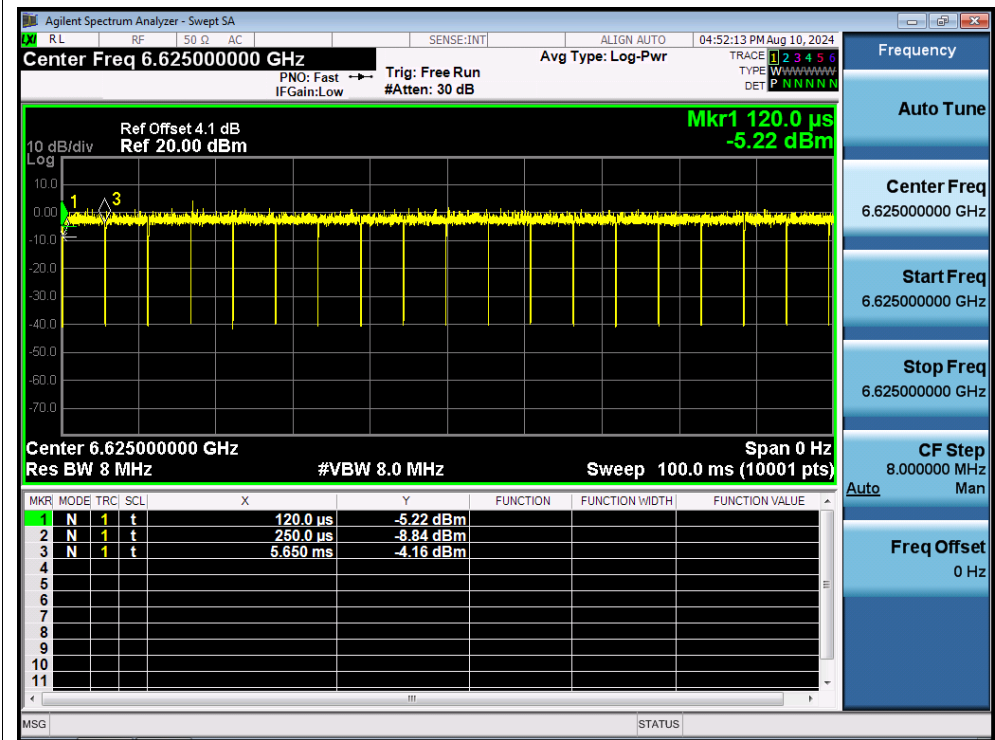
Duty Cycle NVNT ax80 6465MHz Ant4



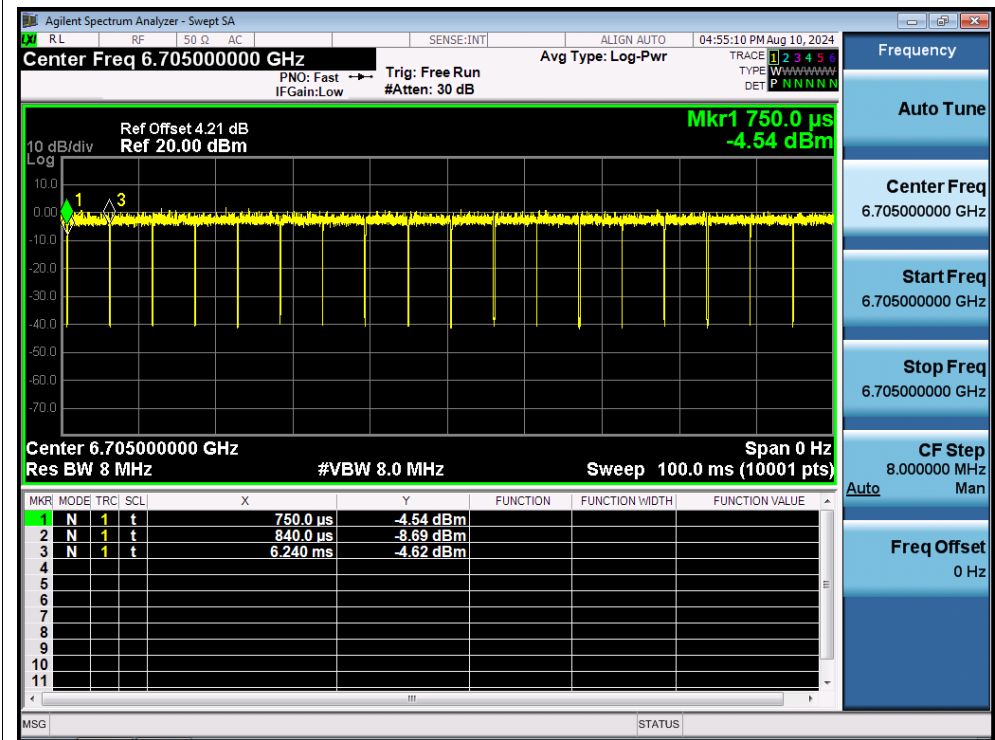
Duty Cycle NVNT ax80 6545MHz Ant4



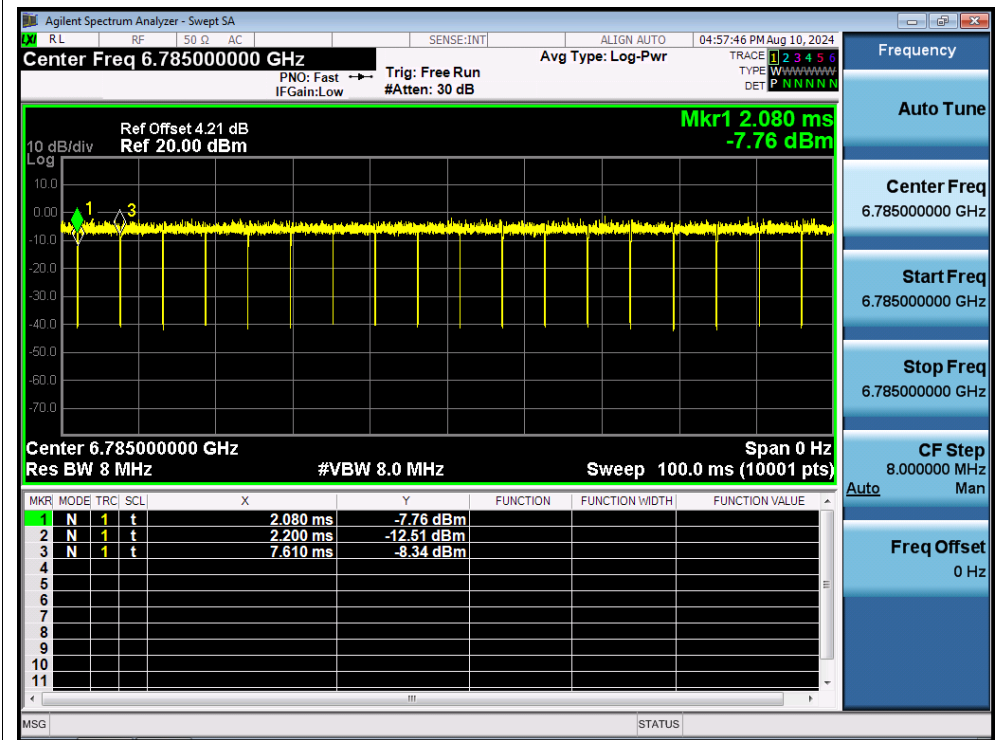
Duty Cycle NVNT ax80 6625MHz Ant4



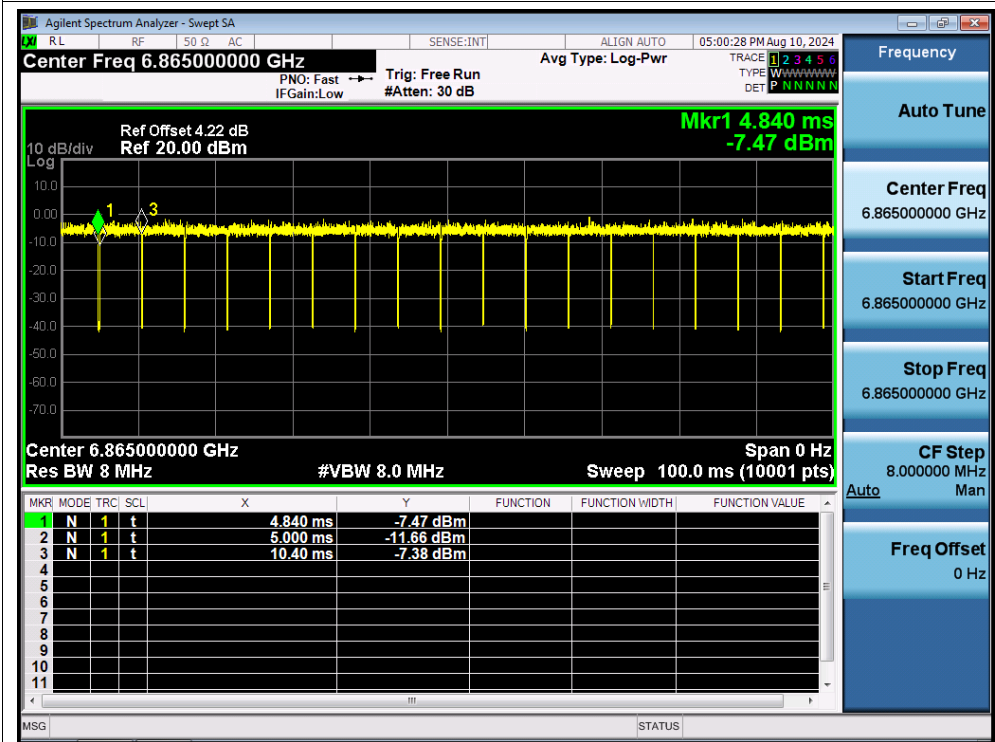
Duty Cycle NVNT ax80 6705MHz Ant4



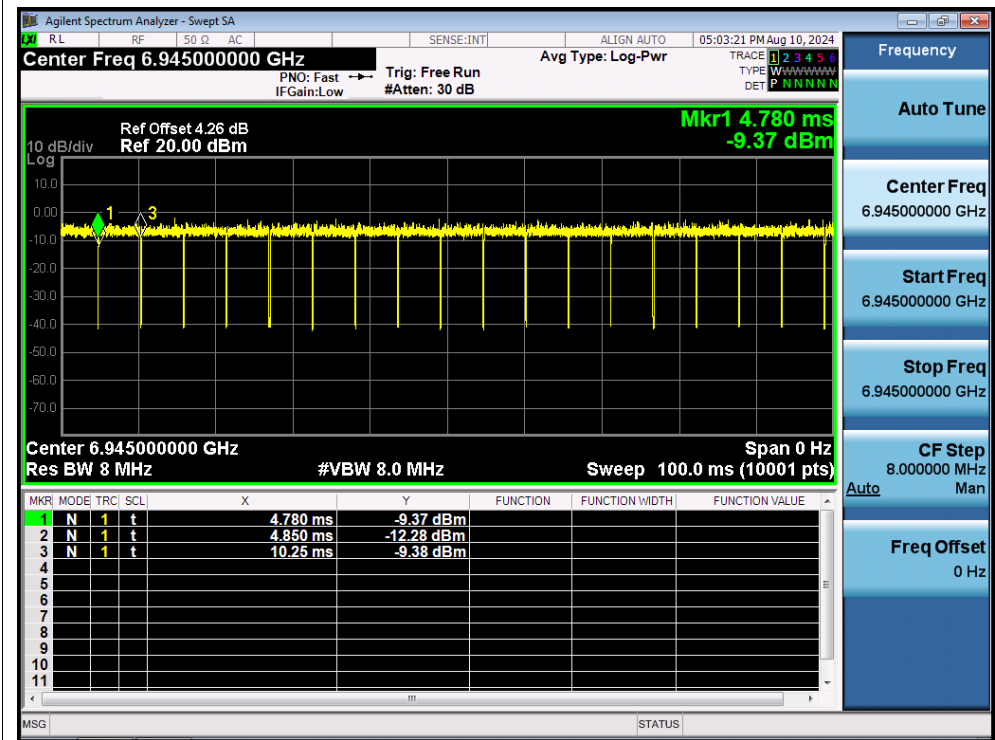
Duty Cycle NVNT ax80 6785MHz Ant4



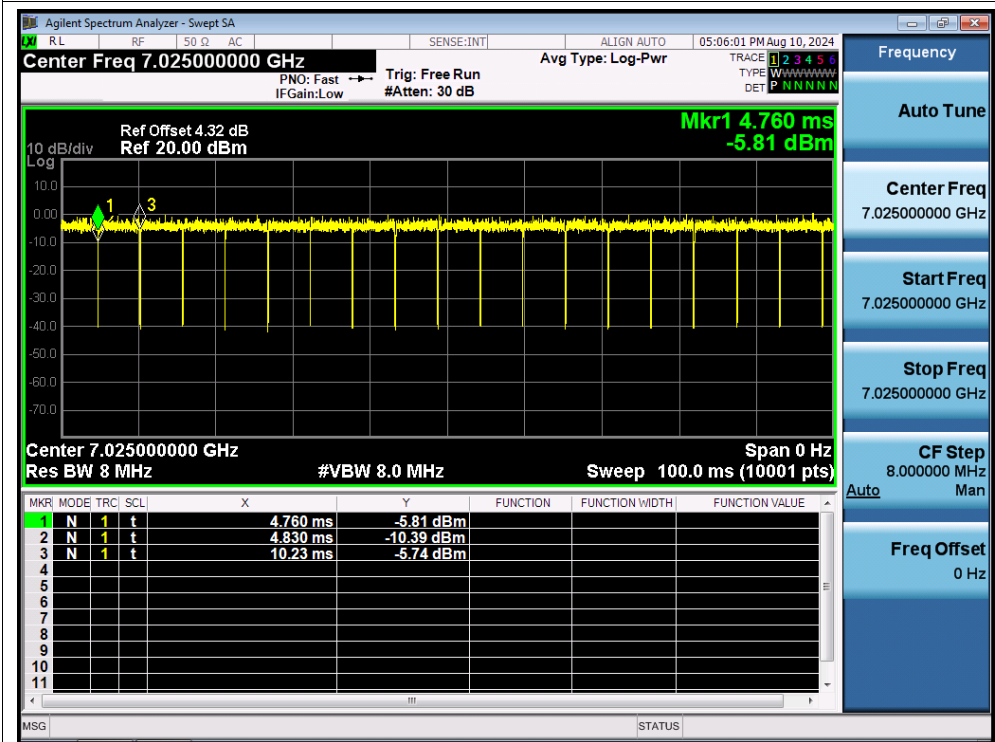
Duty Cycle NVNT ax80 6865MHz Ant4



Duty Cycle NVNT ax80 6945MHz Ant4



Duty Cycle NVNT ax80 7025MHz Ant4



Duty Cycle NVNT ax80 5985MHz Sum

Agilent Spectrum Analyzer - Swept SA
RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:31:33 PM Aug 10, 2024

Center Freq 5.985000000 GHz Avg Type: Log-Pwr PNO: Fast Trif: Free Run IF Gain: Low #Atten: 30 dB TRACE 1 2 3 4 5 6 TYPE W W W W W W W W DET P N N N N N

Ref Offset 3.95 dB Mkr1 3.810 ms
Ref 20.00 dBm 2.77 dBm

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	3.810 ms	-2.77 dBm			
2	N	1	t	3.950 ms	-2.45 dBm			
3	N	1	t	9.350 ms	-2.79 dBm			
4								
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7								
8								
9								
10								
11								

Center 5.985000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Duty Cycle NVNT ax80 6145MHz Sum

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:36:45 PM Aug 10, 2024

Center Freq 6.145000000 GHz Avg Type: Log-Pwr

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

Ref Offset 3.92 dB
Ref 20.00 dBm

PN0: Fast → Trig: Free Run
IFGain:Low #Atten: 30 dB

**Mkr1 2.030 ms
-0.86 dBm**

10 dB/div
Log

Center 6.145000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	2.030 ms	-0.86 dBm			
2	N	1	t	2.110 ms	-4.15 dBm			
3	N	1	t	7.510 ms	-0.61 dBm			
4								
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7								
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10								
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MSG STATUS

Frequency

Auto Tune

Center Freq 6.145000000 GHz

Start Freq 6.145000000 GHz

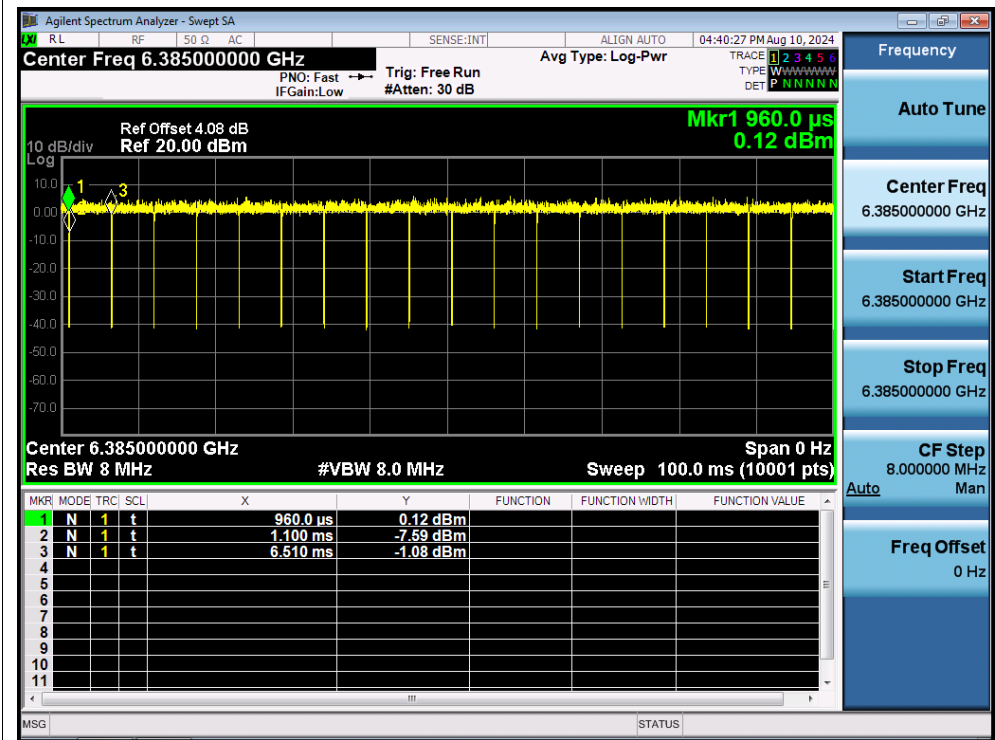
Stop Freq 6.145000000 GHz

CF Step 8.000000 MHz Man

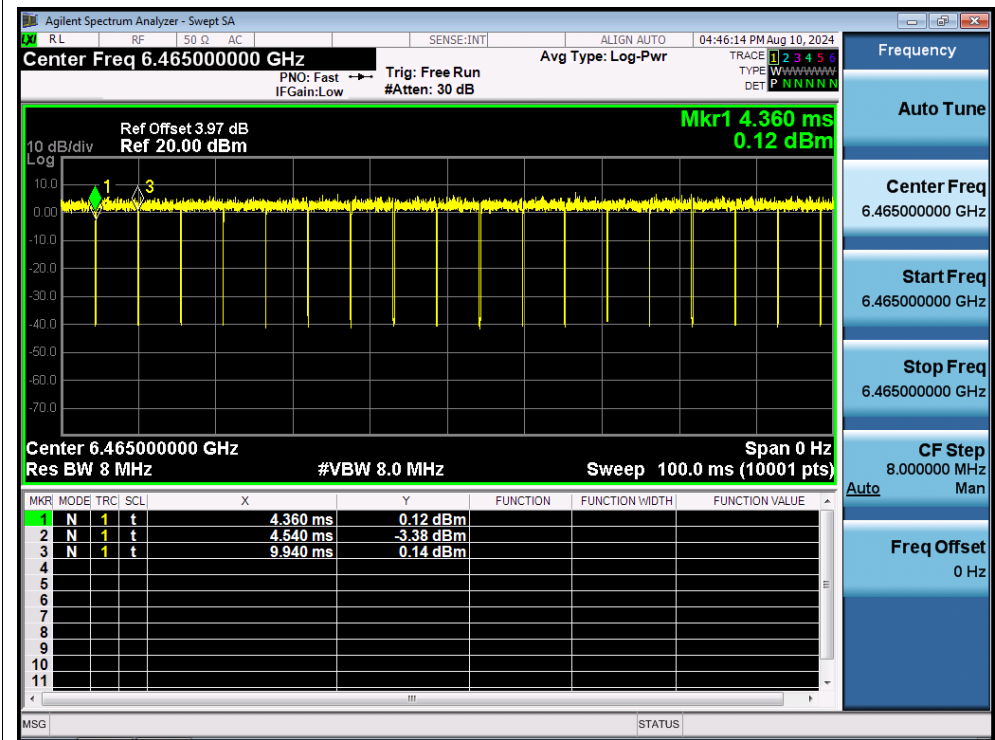
Auto

Freq Offset 0 Hz

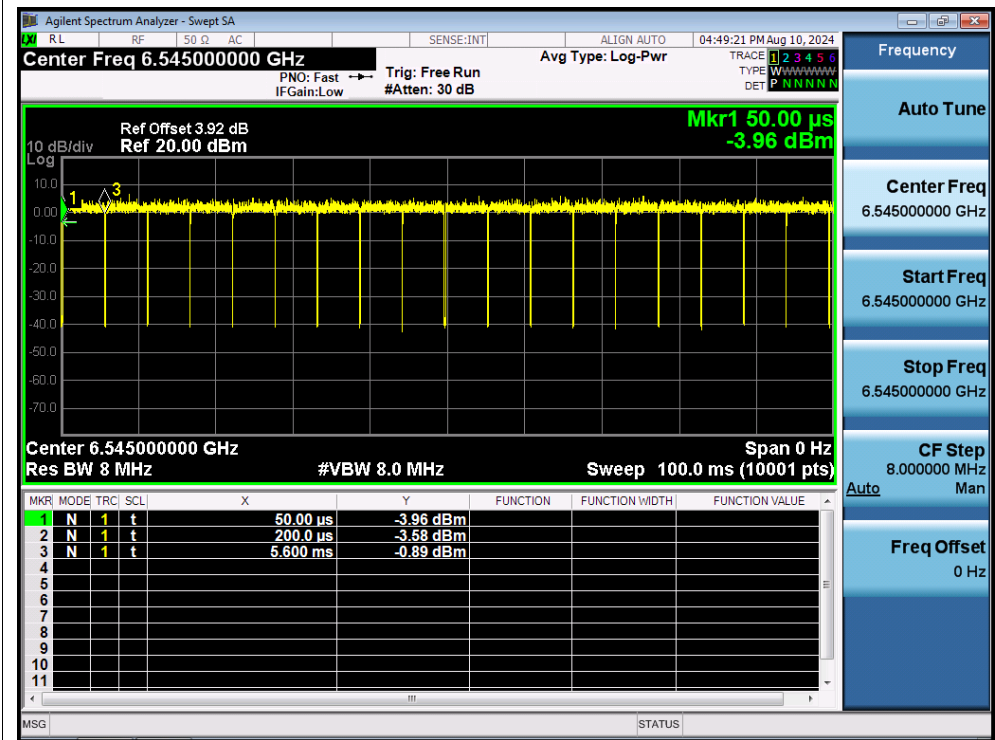
Duty Cycle NVNT ax80 6385MHz Sum



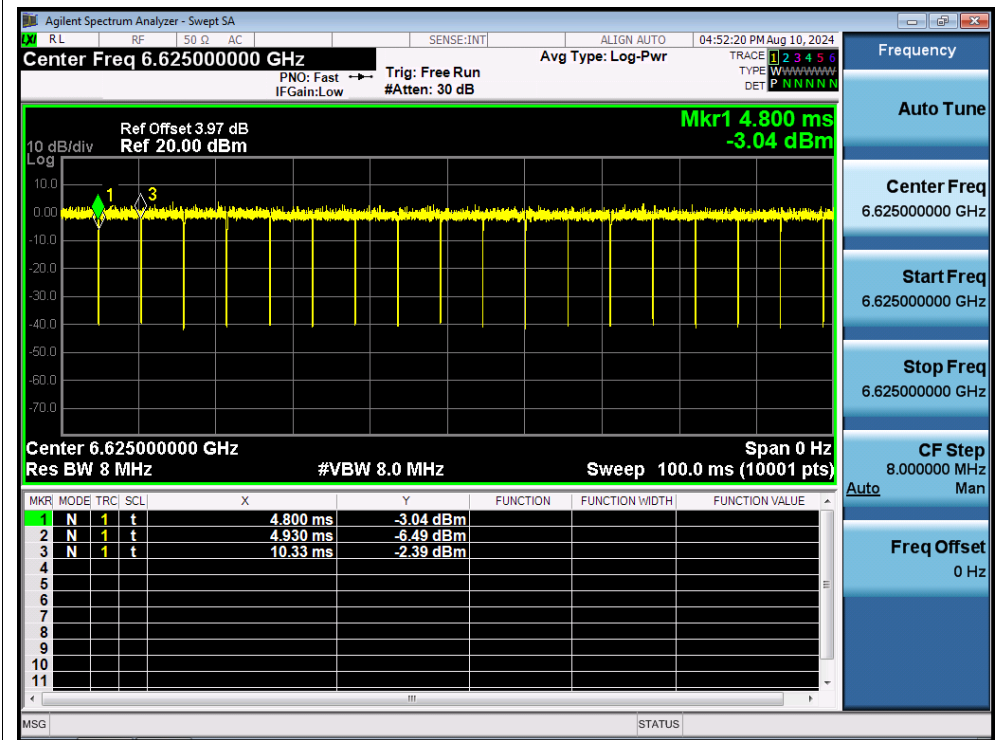
Duty Cycle NVNT ax80 6465MHz Sum



Duty Cycle NVNT ax80 6545MHz Sum



Duty Cycle NVNT ax80 6625MHz Sum



Duty Cycle NVNT ax80 6705MHz Sum

Agilent Spectrum Analyzer - Sweep SA
RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:55:19 PM Aug 10, 2024

Center Freq 6.705000000 GHz PNO: Fast → Trg: Free Run Avg Type: Log-Pwr
IF Gain: Low #Atten: 30 dB TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P NNNNNN

Ref Offset 4.1 dB Mkr1 1.210 ms
Ref 20.00 dBm -4.42 dBm

10 dB/div Log

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.210 ms	-4.42 dBm			
2	N	1	t	1.370 ms	-8.54 dBm			
3	N	1	t	6.780 ms	-5.88 dBm			
4								
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Center 6.705000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq 6.705000000 GHz
Start Freq 6.705000000 GHz
Stop Freq 6.705000000 GHz
CF Step 8.000000 MHz Man
Freq Offset 0 Hz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 6.78500000 GHz

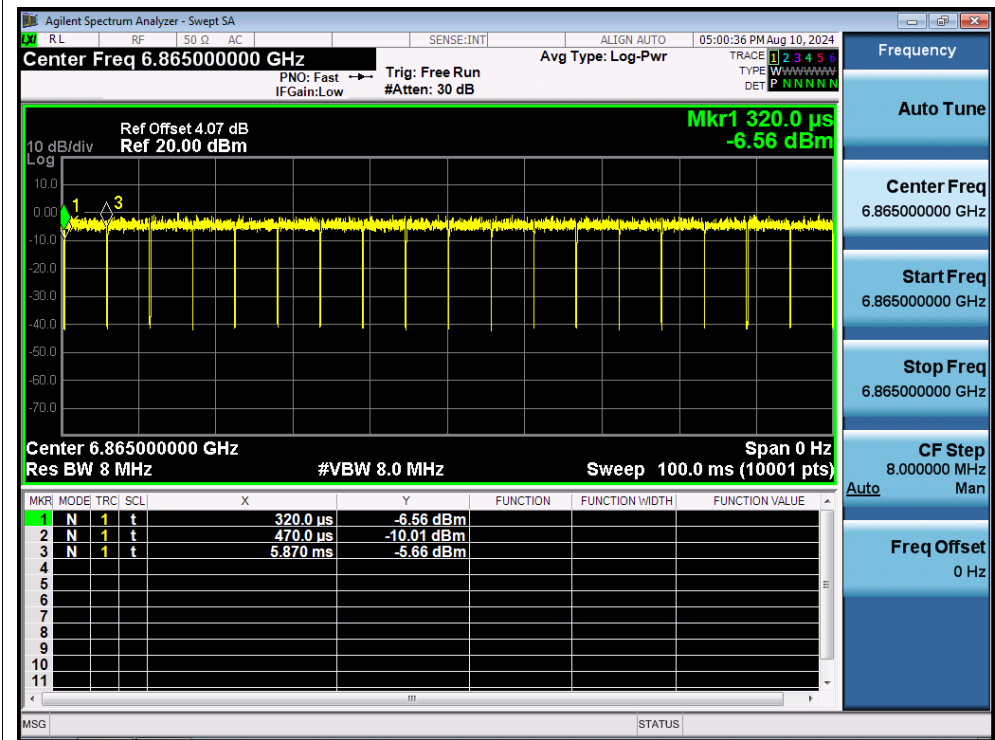
Ref Offset 4.04 dB
Ref 20.00 dBm

Mkr1 3.490 ms
-8.12 dBm

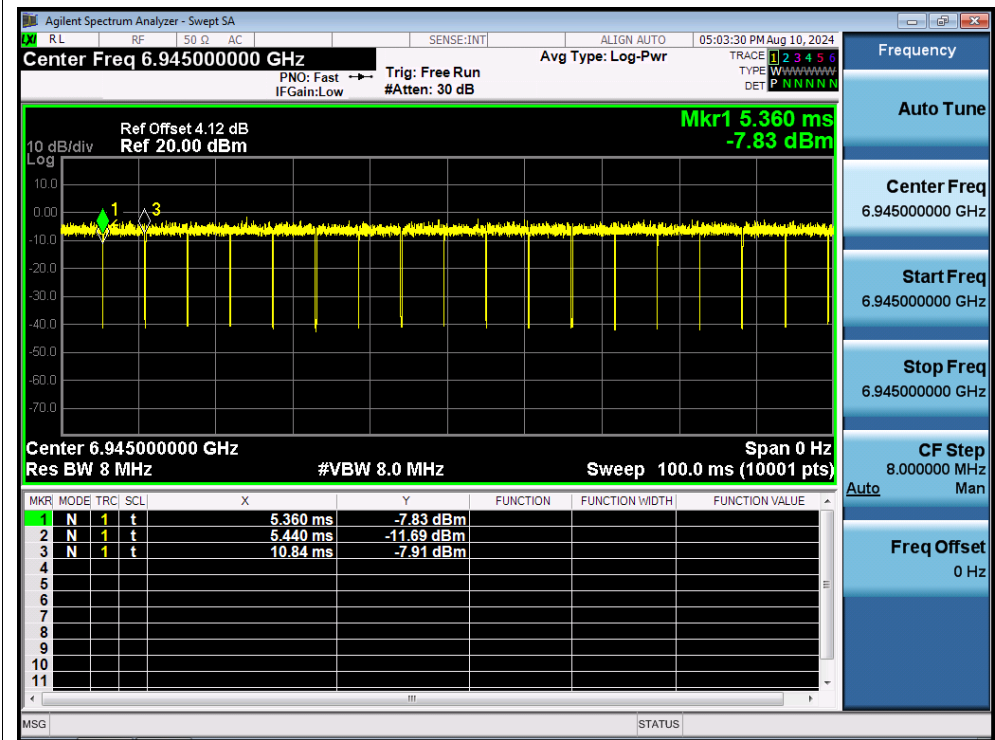
Span 0 Hz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	3.490 ms	-8.12 dBm			
2	N	1	t	3.610 ms	-11.62 dBm			
3	N	1	t	9.010 ms	-8.01 dBm			

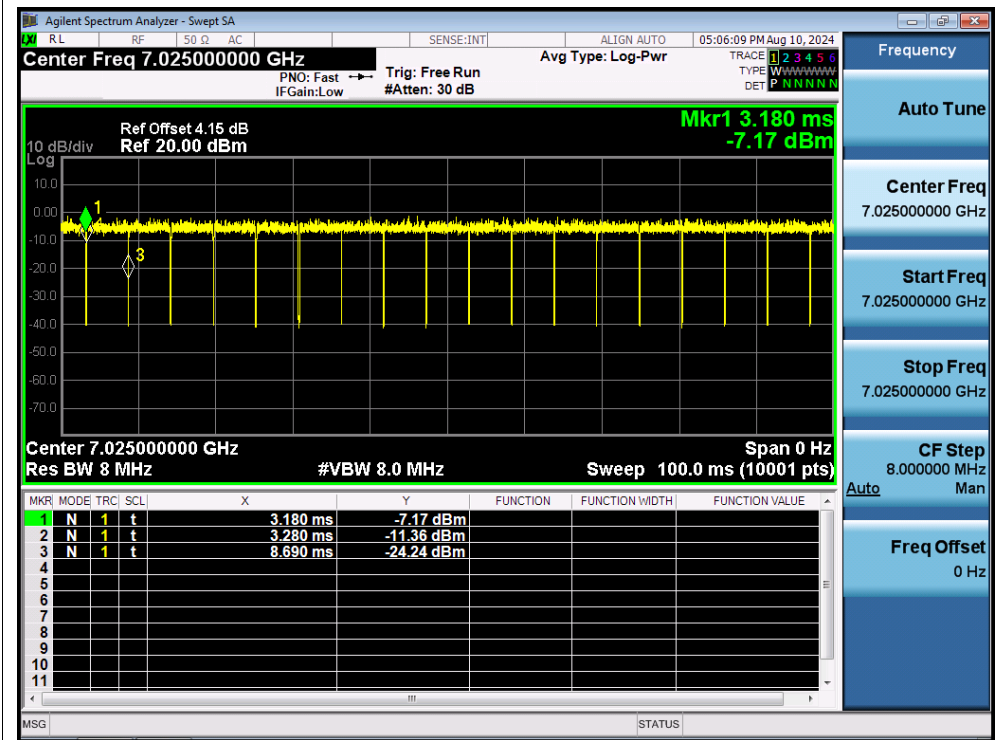
Duty Cycle NVNT ax80 6865MHz Sum



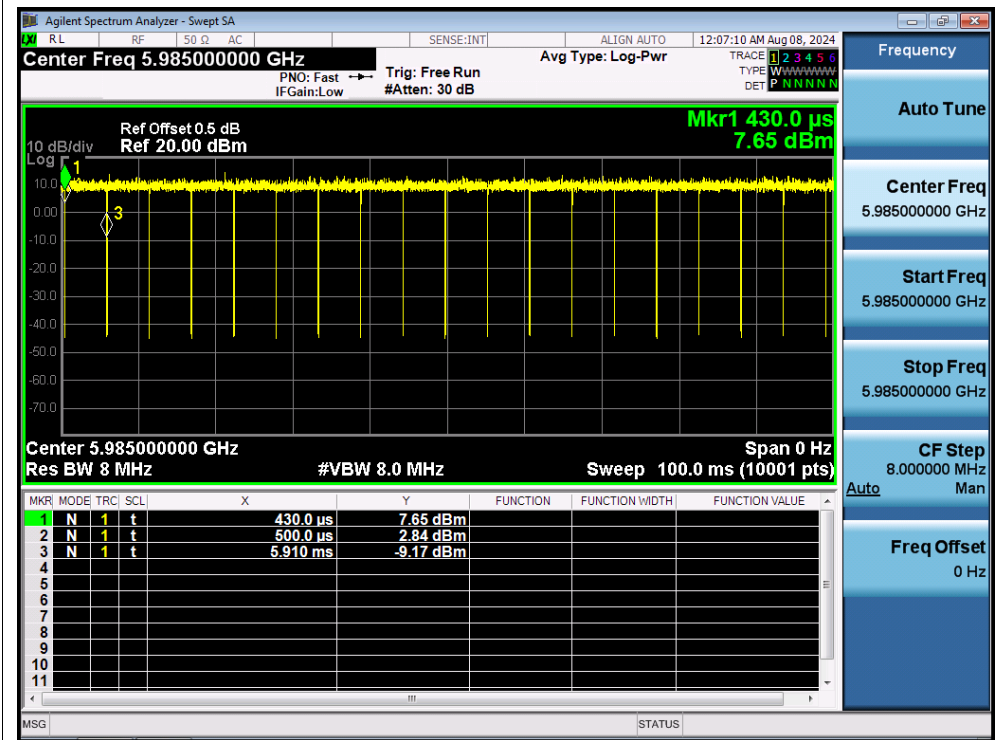
Duty Cycle NVNT ax80 6945MHz Sum



Duty Cycle NVNT ax80 7025MHz Sum



Duty Cycle NVNT ax80 5985MHz Ant1



[illegible][illegible]

Duty Cycle NVNT ax80 6465MHz Ant1

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:11:21 AM Aug 08, 2024

Center Freq 6.465000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trg: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 1.340 ms
3.48 dBm

10 dB/div
Log

Center 6.465000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.340 ms	3.48 dBm			
2	N	1	t	1.410 ms	1.73 dBm			
3	N	1	t	6.820 ms	5.35 dBm			
4								
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8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.465000000 GHz

Start Freq
6.465000000 GHz

Stop Freq
6.465000000 GHz

CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

[illegible]

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:12:40 AM Aug 08, 2024

Center Freq 6.625000000 GHz Avg Type: Log-Pwr

PNO: Fast Trg: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 2.140 ms
8.50 dBm

10 dB/div
Log

Center 6.625000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	2.140 ms	8.50 dBm			
2	N	1	t	2.270 ms	5.14 dBm			
3	N	1	t	7.670 ms	11.15 dBm			
4								
5								
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7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.625000000 GHz

Start Freq
6.625000000 GHz

Stop Freq
6.625000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Duty Cycle NVNT ax80 6705MHz Ant1

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:13:16 AM Aug 08, 2024

Center Freq 6.705000000 GHz Avg Type: Log-Pwr

TRC 1 2 3 4 5 6
TYPE W W W W W W W W
DET P N N N N N N

Ref Offset 0.5 dB
Ref 20.00 dBm

PN0: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

**Mkr1 1.610 ms
9.19 dBm**

10 dB/div
Log

Center 6.705000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.610 ms	9.19 dBm			
2	N	1	t	1.670 ms	2.30 dBm			
3	N	1	t	7.080 ms	7.60 dBm			
4								
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11								

Frequency

Auto Tune

Center Freq
6.705000000 GHz

Start Freq
6.705000000 GHz

Stop Freq
6.705000000 GHz

CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

MSG STATUS

Duty Cycle NVNT ax80 6785MHz Ant1

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:14:59 AM Aug 08, 2024

Center Freq 6.785000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 5.120 ms
7.01 dBm

10 dB/div
Log

Center 6.785000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	5.120 ms	7.01 dBm			
2	N	1	t	5.280 ms	2.10 dBm			
3	N	1	t	10.68 ms	6.88 dBm			
4								
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10								
11								

Frequency

Auto Tune

Center Freq 6.785000000 GHz

Start Freq 6.785000000 GHz

Stop Freq 6.785000000 GHz

CF Step 8.000000 MHz

Freq Offset 0 Hz

MSG STATUS

[illegible]

Duty Cycle NVNT ax80 6945MHz Ant1

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:16:00 AM Aug 08, 2024

Center Freq 6.945000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 1.760 ms 3.42 dBm

10 dB/div Log

Center 6.945000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.760 ms	3.42 dBm			
2	N	1	t	1.930 ms	1.38 dBm			
3	N	1	t	7.340 ms	4.11 dBm			
4								
5								
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7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
6.945000000 GHz

Start Freq
6.945000000 GHz

Stop Freq
6.945000000 GHz

CF Step
8.000000 MHz

Freq Offset
0 Hz

Auto

MSG STATUS

[illegible]

Duty Cycle NVNT ax80 5985MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:34:43 AM Aug 08, 2024

Center Freq 5.985000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 5.020 ms
9.39 dBm

10 dB/div
Log

Center 5.985000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	5.020 ms	9.39 dBm			
2	N	1	t	5.200 ms	5.14 dBm			
3	N	1	t	10.60 ms	9.54 dBm			
4								
5								
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7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
5.985000000 GHz

Start Freq
5.985000000 GHz

Stop Freq
5.985000000 GHz

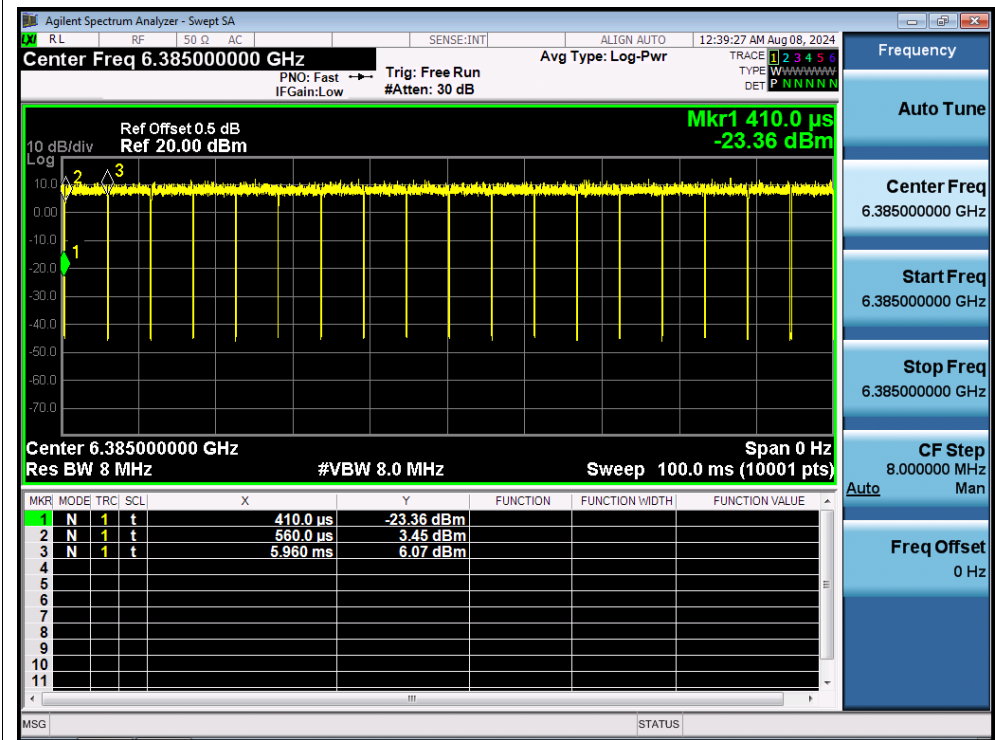
CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

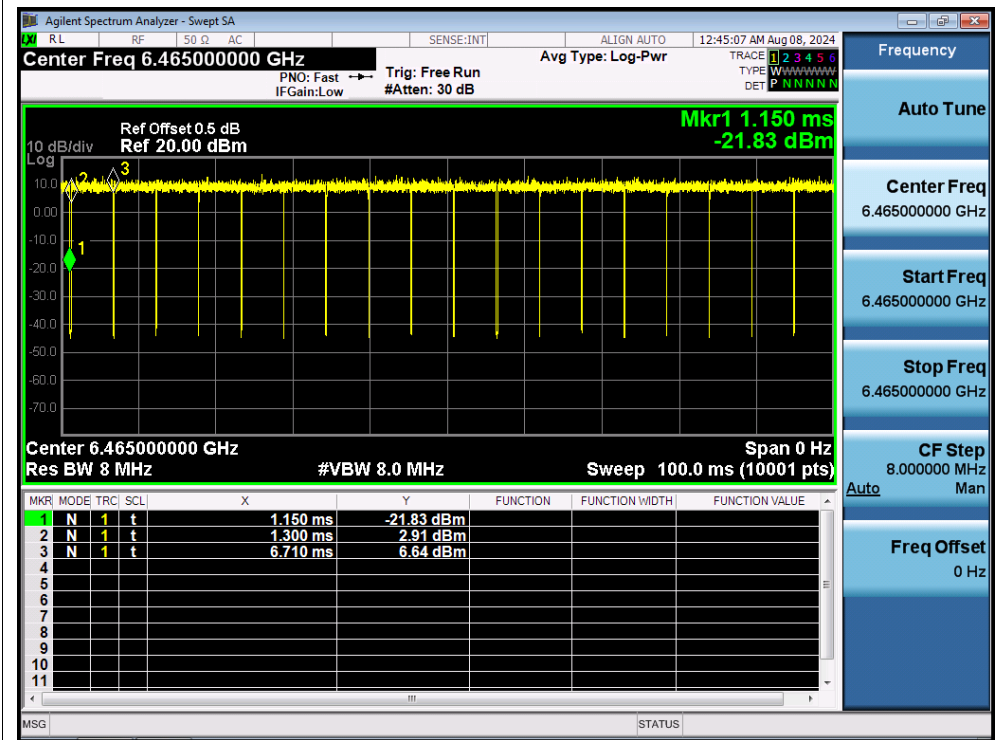
MSG STATUS

[illegible]

Duty Cycle NVNT ax80 6385MHz Ant2



Duty Cycle NVNT ax80 6465MHz Ant2



Duty Cycle NVNT ax80 6545MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:45:54 AM Aug 08, 2024

Center Freq 6.545000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 3.490 ms
8.24 dBm

10 dB/div
Log

Center 6.545000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	3.490 ms	8.24 dBm			
2	N	1	t	3.560 ms	4.58 dBm			
3	N	1	t	8.960 ms	8.15 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
6.545000000 GHz

Start Freq
6.545000000 GHz

Stop Freq
6.545000000 GHz

CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

MSG STATUS

Duty Cycle NVNT ax80 6625MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:46:43 AM Aug 08, 2024

Center Freq 6.625000000 GHz Avg Type: Log-Pwr

PN0: Fast → Trig: Free Run
IFGain:Low #Atten: 30 dB

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

Ref Offset 0.5 dB
Ref 20.00 dBm

**Mkr1 4.510 ms
9.77 dBm**

10 dB/div
Log

Center 6.625000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	4.510 ms	9.77 dBm			
2	N	1	t	4.630 ms	5.75 dBm			
3	N	1	t	10.03 ms	10.77 dBm			
4								
5								
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7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.625000000 GHz

Start Freq
6.625000000 GHz

Stop Freq
6.625000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Duty Cycle NVNT ax80 6705MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:47:24 AM Aug 08, 2024

Center Freq 6.705000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 70.00 μs
12.55 dBm

Center 6.705000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	70.00 μs	12.55 dBm			
2	N	1	t	150.0 μs	9.10 dBm			
3	N	1	t	5.550 ms	12.14 dBm			
4								
5								
6								
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11								

Frequency

Auto Tune

Center Freq 6.705000000 GHz

Start Freq 6.705000000 GHz

Stop Freq 6.705000000 GHz

CF Step 8.000000 MHz

Man

Auto

Freq Offset 0 Hz

MSG STATUS

Duty Cycle NVNT ax80 6785MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:48:01 AM Aug 08, 2024

Center Freq 6.785000000 GHz PNO: Fast → Trig: Free Run Avg Type: Log-Pwr

IF Gain: Low #Atten: 30 dB

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

Ref Offset 0.5 dB
Ref 20.00 dBm

**Mkr1 3.940 ms
12.65 dBm**

10 dB/div
Log

Center 6.785000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	3.940 ms	12.65 dBm			
2	N	1	t	4.070 ms	8.22 dBm			
3	N	1	t	9.470 ms	12.27 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.785000000 GHz

Start Freq
6.785000000 GHz

Stop Freq
6.785000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Duty Cycle NVent ax80 6865MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:48:38 AM Aug 08, 2024

Center Freq 6.865000000 GHz Avg Type: Log-Pwr

PNO: Fast $\rightarrow$ Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 2.250 ms
-8.46 dBm

10 dB/div
Log

Center 6.865000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	2.250 ms	-8.46 dBm			
2	N	1	t	2.370 ms	5.80 dBm			
3	N	1	t	7.770 ms	9.82 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.865000000 GHz

Start Freq
6.865000000 GHz

Stop Freq
6.865000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Duty Cycle NVNT ax80 6945MHz Ant2

Agilent Spectrum Analyzer - Sweep SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:49:36 AM Aug 08, 2024

Center Freq 6.945000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

**Mkr1 3.060 ms
4.77 dBm**

10 dB/div
Log

Center 6.945000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz
Sweep 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	3.060 ms	4.77 dBm			
2	N	1	t	3.130 ms	-1.65 dBm			
3	N	1	t	8.540 ms	5.15 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
6.945000000 GHz

Start Freq
6.945000000 GHz

Stop Freq
6.945000000 GHz

CF Step
8.000000 MHz

Freq Offset
0 Hz

Auto

Man

MSG STATUS

Duty Cycle NVTent ax80 7025MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:32:55 AM Aug 08, 2024

Center Freq 7.025000000 GHz Avg Type: Log-Pwr

PNO: Fast $\rightarrow$ Trig: Free Run
IF Gain: Low #Atten: 30 dB

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

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 3.770 ms
4.58 dBm

10 dB/div
Log

Center 7.025000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	3.770 ms	4.58 dBm			
2	N	1	t	3.940 ms	0.64 dBm			
3	N	1	t	9.350 ms	5.12 dBm			
4								
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9								
10								
11								

MSQ STATUS

Frequency

Auto Tune

Center Freq
7.025000000 GHz

Start Freq
7.025000000 GHz

Stop Freq
7.025000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Duty Cycle NVNT ax80 5985MHz Ant3

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:00:03 AM Aug 08, 2024

Center Freq 5.985000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 1.380 ms
4.16 dBm

10 dB/div
Log

Center 5.985000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.380 ms	4.16 dBm			
2	N	1	t	1.550 ms	-0.42 dBm			
3	N	1	t	6.960 ms	-20.88 dBm			
4								
5								
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8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
5.985000000 GHz

Start Freq
5.985000000 GHz

Stop Freq
5.985000000 GHz

CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

MSG STATUS

Duty Cycle NVMT ax80 6145MHz Ant3

The screenshot displays an Agilent Spectrum Analyzer interface. The main display shows a signal at 6.14500000 GHz. The signal is characterized by a series of vertical pulses. The measurement results for the signal are as follows:

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	5.210 ms	6.78 dBm			
2	N	1	t	5.360 ms	2.03 dBm			
3	N	1	t	10.77 ms	-21.67 dBm			

The right-hand side of the interface shows various settings and measurements:

- Frequency:** Auto Tune
- Center Freq:** 6.14500000 GHz
- Start Freq:** 6.14500000 GHz
- Stop Freq:** 6.14500000 GHz
- CF Step:** 8.000000 MHz
- Man:** Auto
- Freq Offset:** 0 Hz

The bottom status bar shows the following information:

- MSQ:** [Status]
- STATUS:** [Status]

[illegible]

The screenshot displays the Agilent Spectrum Analyzer interface. The main plot shows a signal at 6.465 GHz with a noise floor around -40 dBm. Key measurements include:

- Center Freq:** 6.46500000 GHz
- Ref Offset:** 0.5 dB
- Ref Power:** 20.00 dBm
- Mkr1:** 4.300 ms, 3.13 dBm
- Span:** 0 Hz
- Res BW:** 8 MHz
- #VBW:** 8.0 MHz
- Sweep:** 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	4.300 ms	3.13 dBm			
2	N	1	t	4.480 ms	-0.61 dBm			
3	N	1	t	9.880 ms	2.65 dBm			

[illegible]

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:03:21 AM Aug 08, 2024

Center Freq 6.625000000 GHz PNO: Fast → Trig: Free Run Avg Type: Log-Pwr TRACE 1 2 3 4 5 6
IF Gain: Low #Atten: 30 dB TYPE W W W W W W W W
DET P N N N N N

Ref Offset 0.5 dB Mkr1 430.0 μs
Ref 20.00 dBm 4.58 dBm

10 dB/div Log

Center 6.625000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	430.0 μs	4.58 dBm			
2	N	1	t	490.0 μs	0.82 dBm			
3	N	1	t	5.890 ms	5.70 dBm			
4								
5								
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7								
8								
9								
10								
11								

MSQ STATUS

Frequency

Auto Tune

Center Freq 6.625000000 GHz

Start Freq 6.625000000 GHz

Stop Freq 6.625000000 GHz

CF Step 8.000000 MHz

Freq Offset 0 Hz

Auto

Duty Cycle NVNT ax80 6705MHz Ant3

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:04:28 AM Aug 08, 2024

Center Freq 6.705000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 70.00 μs 8.32 dBm

10 dB/div
Log

Center 6.705000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz
Sweep 100.0 ms (10001 pts)

Mkr	Mode	Trc	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	70.00 μs	8.32 dBm			
2	N	1	t	230.0 μs	4.35 dBm			
3	N	1	t	5.640 ms	-19.69 dBm			
4								
5								
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10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.705000000 GHz

Start Freq
6.705000000 GHz

Stop Freq
6.705000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:05:04 AM Aug 08, 2024

Center Freq 6.785000000 GHz PNO: Fast → Trig: Free Run Avg Type: Log-Pwr TRACE 1 2 3 4 5 6
IF Gain: Low #Atten: 30 dB TYPE W W W W W W W W
DET P N N N N N

Ref Offset 0.5 dB Mkr1 2.150 ms
Ref 20.00 dBm 6.54 dBm

10 dB/div Log

Center 6.785000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	2.150 ms	6.54 dBm			
2	N	1	t	2.320 ms	2.12 dBm			
3	N	1	t	7.730 ms	5.87 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq 6.785000000 GHz

Start Freq 6.785000000 GHz

Stop Freq 6.785000000 GHz

CF Step 8.000000 MHz

Auto Man

Freq Offset 0 Hz

Duty Cycle NVNT ax80 6865MHz Ant3

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:05:54 AM Aug 08, 2024

Center Freq 6.865000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

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

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 860.0 μs
5.67 dBm

10 dB/div
Log

Center 6.865000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	860.0 μs	5.67 dBm			
2	N	1	t	1.020 ms	1.08 dBm			
3	N	1	t	6.420 ms	5.43 dBm			
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Frequency

Auto Tune

Center Freq
6.865000000 GHz

Start Freq
6.865000000 GHz

Stop Freq
6.865000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

MSG STATUS

Duty Cycle NVT ax80 6945MHz Ant3

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:06:58 AM Aug 08, 2024

Center Freq 6.945000000 GHz Avg Type: Log-Pwr

PNO: Fast Trg: Free Run
IF Gain: Low #Atten: 30 dB

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

Ref Offset 0.5 dB
Ref 20.00 dBm

**Mkr1 1.730 ms
4.01 dBm**

10 dB/div
Log

Center 6.945000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.730 ms	4.01 dBm			
2	N	1	t	1.860 ms	-0.84 dBm			
3	N	1	t	7.260 ms	3.64 dBm			
4								
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10								
11								

Frequency

Auto Tune

Center Freq
6.945000000 GHz

Start Freq
6.945000000 GHz

Stop Freq
6.945000000 GHz

CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

MSG STATUS

Duty Cycle NVNT ax80 7025MHz Ant3

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE INT ALIGN AUTO 01:08:32 AM Aug 08, 2024

Center Freq 7.025000000 GHz Avg Type: Log-Pwr

PNO: Fast → Trig: Free Run
IF Gain: Low #Atten: 30 dB

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

Ref Offset 0.5 dB
Ref 20.00 dBm

**Mkr1 1.350 ms
5.42 dBm**

10 dB/div
Log

Center 7.025000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.350 ms	5.42 dBm			
2	N	1	t	1.490 ms	1.91 dBm			
3	N	1	t	6.890 ms	8.29 dBm			
4								
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6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
7.025000000 GHz

Start Freq
7.025000000 GHz

Stop Freq
7.025000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

MSG STATUS

[illegible]

The screenshot displays the Agilent Spectrum Analyzer interface. The main display shows a swept spectrum with a center frequency of 6.14500000 GHz. A yellow signal trace is visible, with a marker 'Mkr1' at 120.0 μs and 6.23 dBm. The frequency range is from 6.1445 GHz to 6.1455 GHz. The span is 0 Hz, and the resolution bandwidth (RBW) is 8 MHz. The video bandwidth (VBW) is 8.0 MHz. The sweep rate is 100.0 ms (10001 pts). The display is set to Log-Pwr. The frequency offset is 0 Hz. The center frequency is 6.14500000 GHz. The start frequency is 6.14500000 GHz. The stop frequency is 6.14500000 GHz. The CF step is 8.000000 MHz. The manual mode is selected. The frequency offset is 0 Hz.

Mkr	Mode	Trc	Scl	X	Y	Function	Function Width	Function Value
1	N	1	t	120.0 μs	6.23 dBm			
2	N	1	t	250.0 μs	3.03 dBm			
3	N	1	t	5.650 ms	7.24 dBm			

Duty Cycle NVNT ax80 6385MHz Ant4

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:14:50 AM Aug 08, 2024

Center Freq 6.385000000 GHz Avg Type: Log-Pwr

PNO: Fast Trg: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 5.170 ms
4.09 dBm

10 dB/div
Log

Center 6.385000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	5.170 ms	4.09 dBm			
2	N	1	t	5.320 ms	0.75 dBm			
3	N	1	t	10.72 ms	4.05 dBm			
4								
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9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.385000000 GHz

Start Freq
6.385000000 GHz

Stop Freq
6.385000000 GHz

CF Step
8.000000 MHz

Freq Offset
0 Hz

Auto

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:16:09 AM Aug 08, 2024

Center Freq 6.465000000 GHz Avg Type: Log-Pwr

TRAC 1 2 3 4 5 6
TYPE W W W W W W W W
DET P N N N N N

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

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 4.890 ms
4.44 dBm

10 dB/div
Log

Center 6.465000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	4.890 ms	4.44 dBm			
2	N	1	t	5.000 ms	0.90 dBm			
3	N	1	t	10.40 ms	4.08 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.465000000 GHz

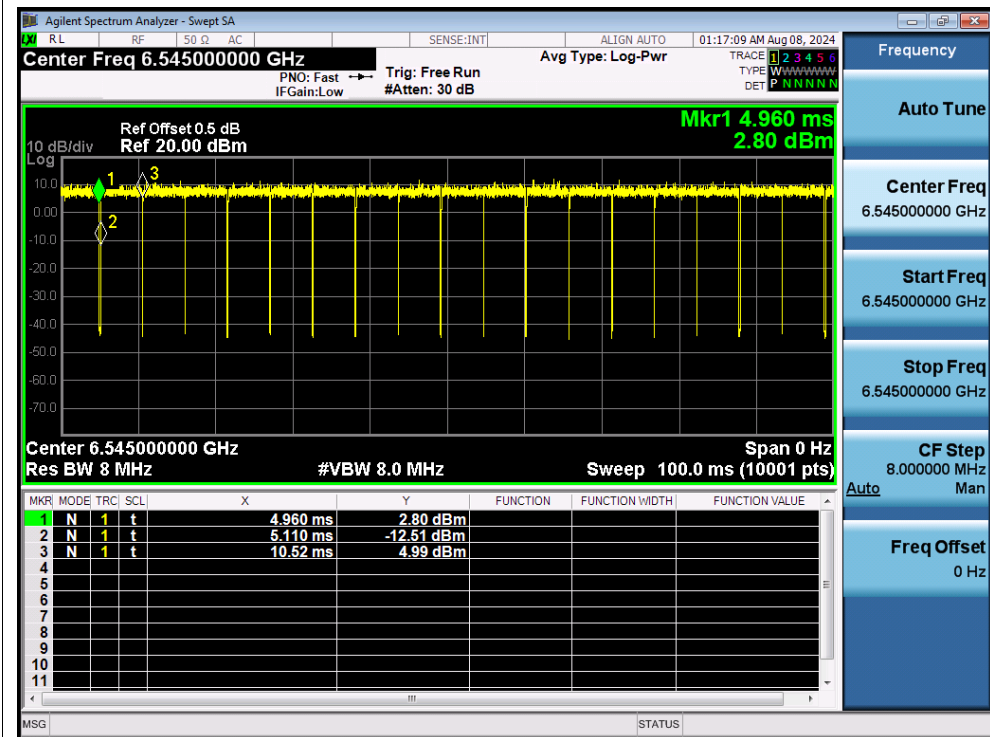
Start Freq
6.465000000 GHz

Stop Freq
6.465000000 GHz

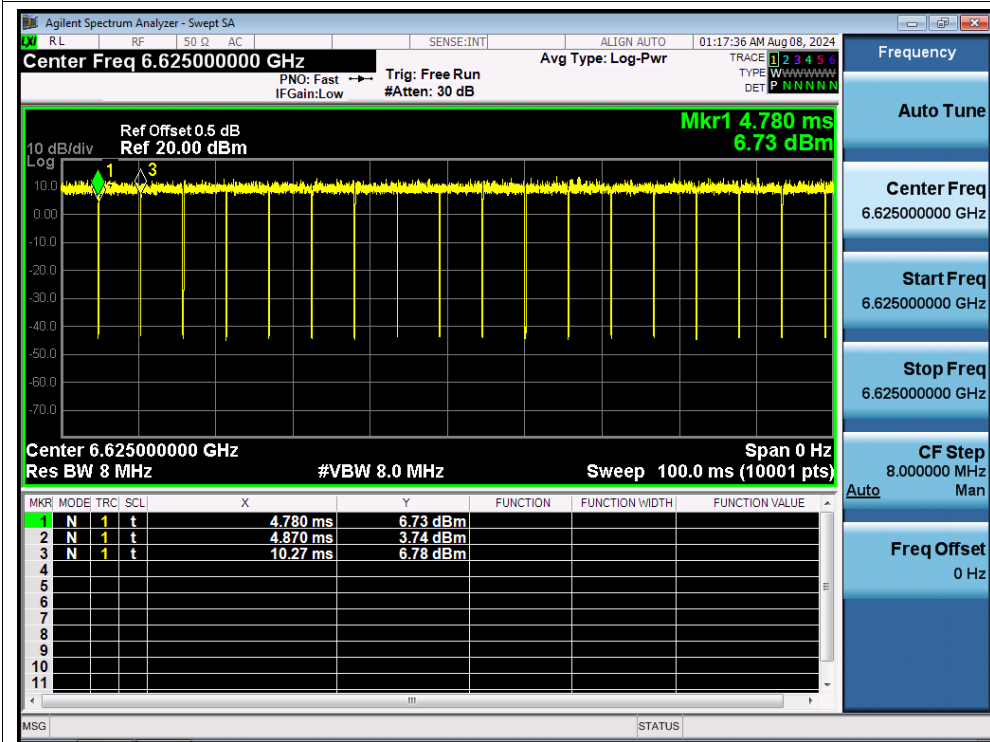
CF Step
8.000000 MHz
Auto Man

Freq Offset
0 Hz

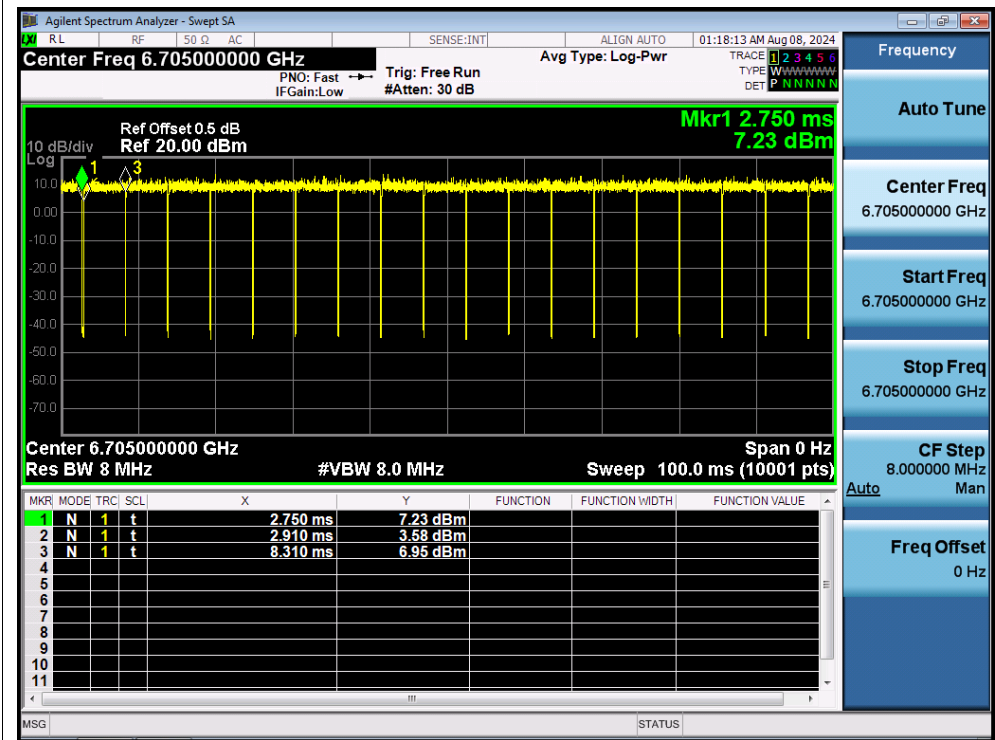
Duty Cycle NVNT ax80 6545MHz Ant4



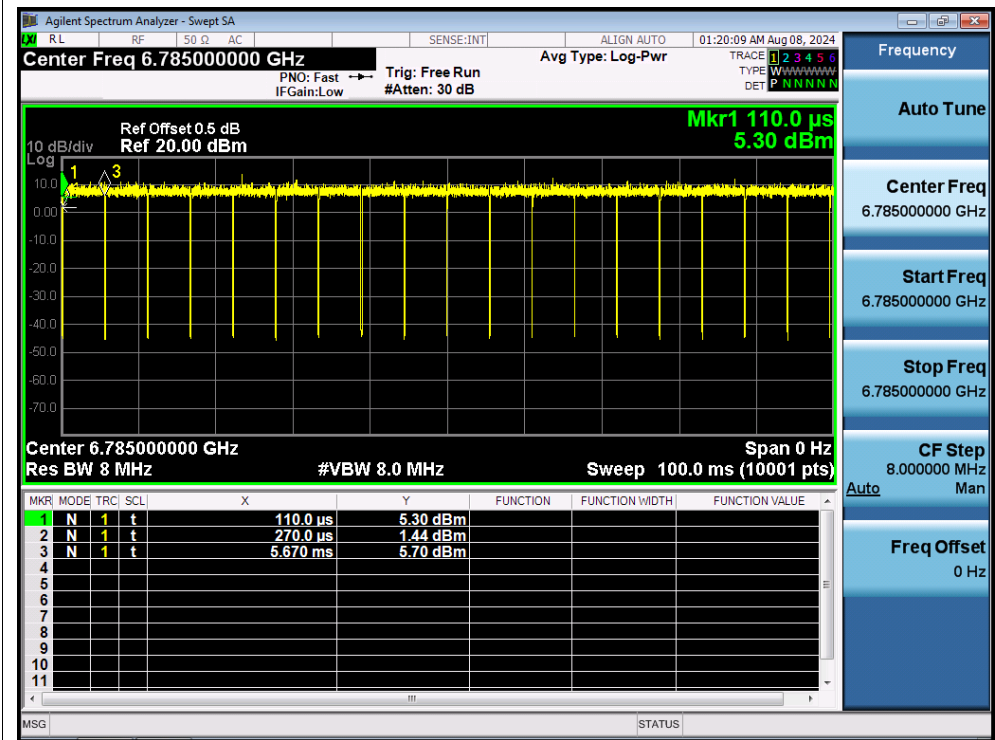
Duty Cycle NVNT ax80 6625MHz Ant4



Duty Cycle NVNT ax80 6705MHz Ant4



Duty Cycle NVNT ax80 6785MHz Ant4



Duty Cycle NVNT ax80 6865MHz Ant4

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:21:24 AM Aug 08, 2024

Center Freq 6.865000000 GHz Avg Type: Log-Pwr

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

Ref Offset 0.5 dB
Ref 20.00 dBm

Mkr1 2.230 ms
4.83 dBm

10 dB/div
Log

Center 6.865000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	2.230 ms	4.83 dBm			
2	N	1	t	2.370 ms	0.90 dBm			
3	N	1	t	7.780 ms	4.24 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
6.865000000 GHz

Start Freq
6.865000000 GHz

Stop Freq
6.865000000 GHz

CF Step
8.000000 MHz

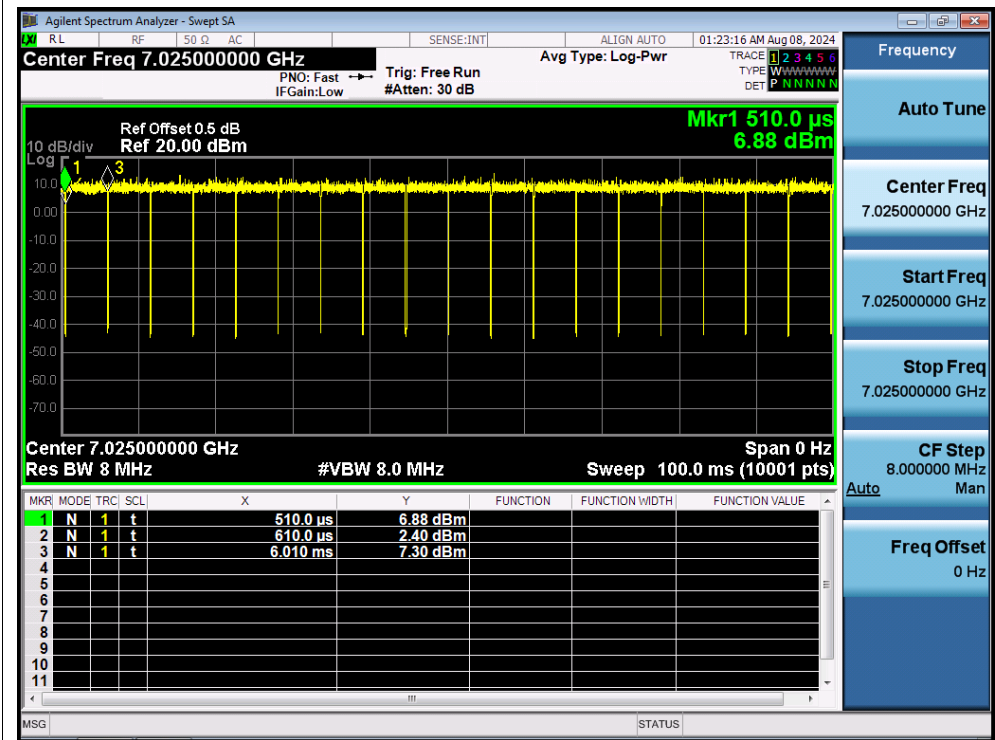
Freq Offset
0 Hz

Auto

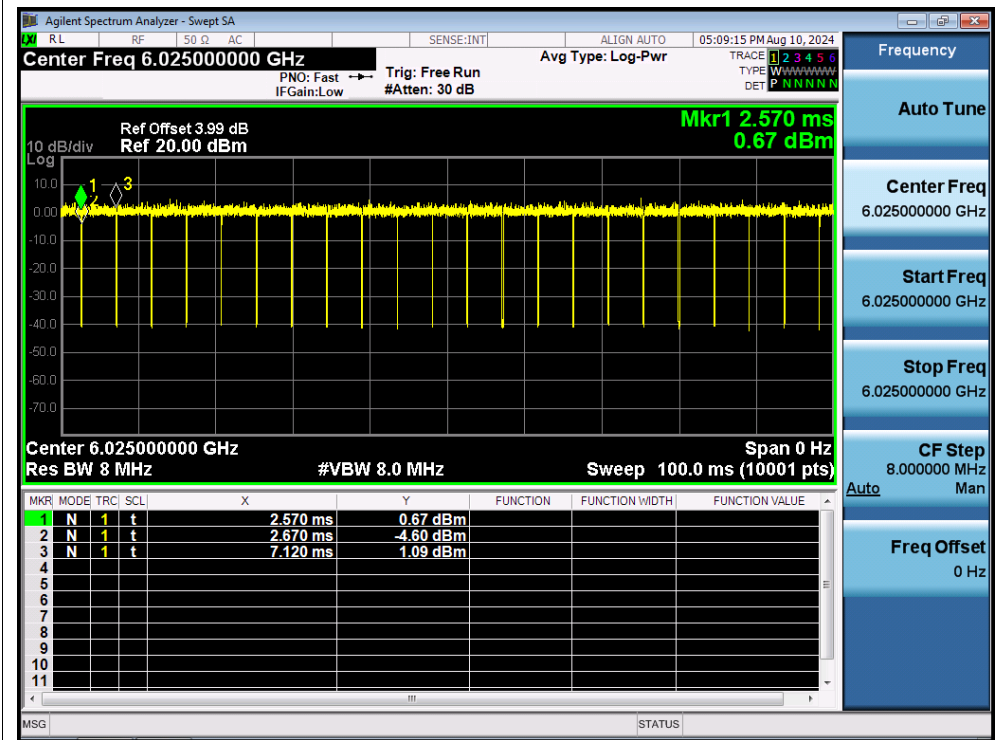
MSG STATUS

[illegible]

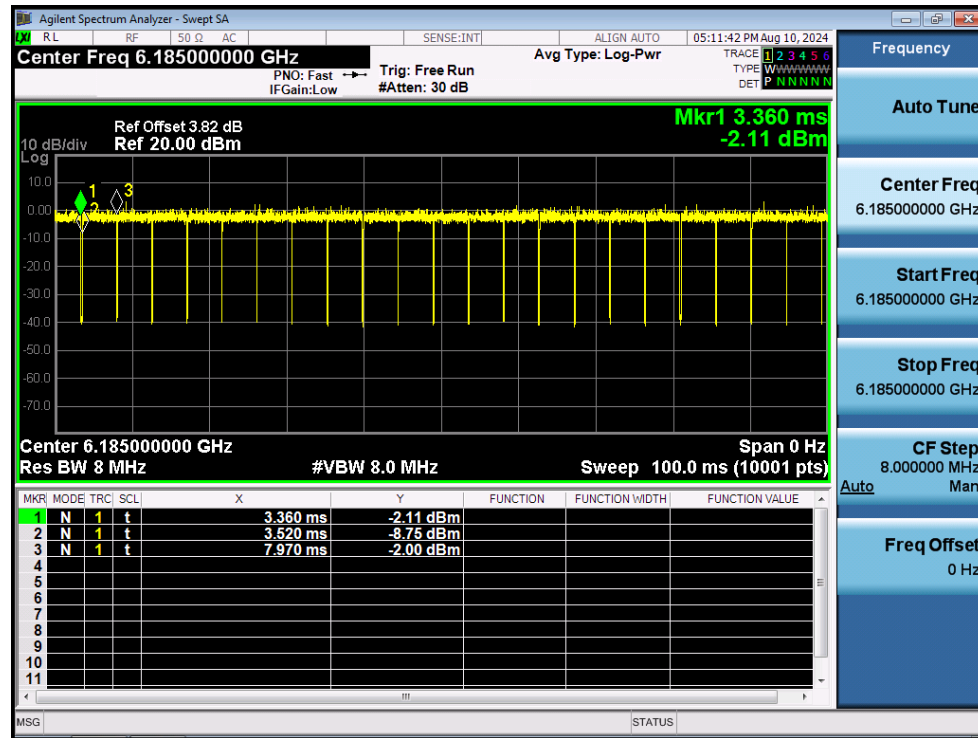
Duty Cycle NVNT ax80 7025MHz Ant4



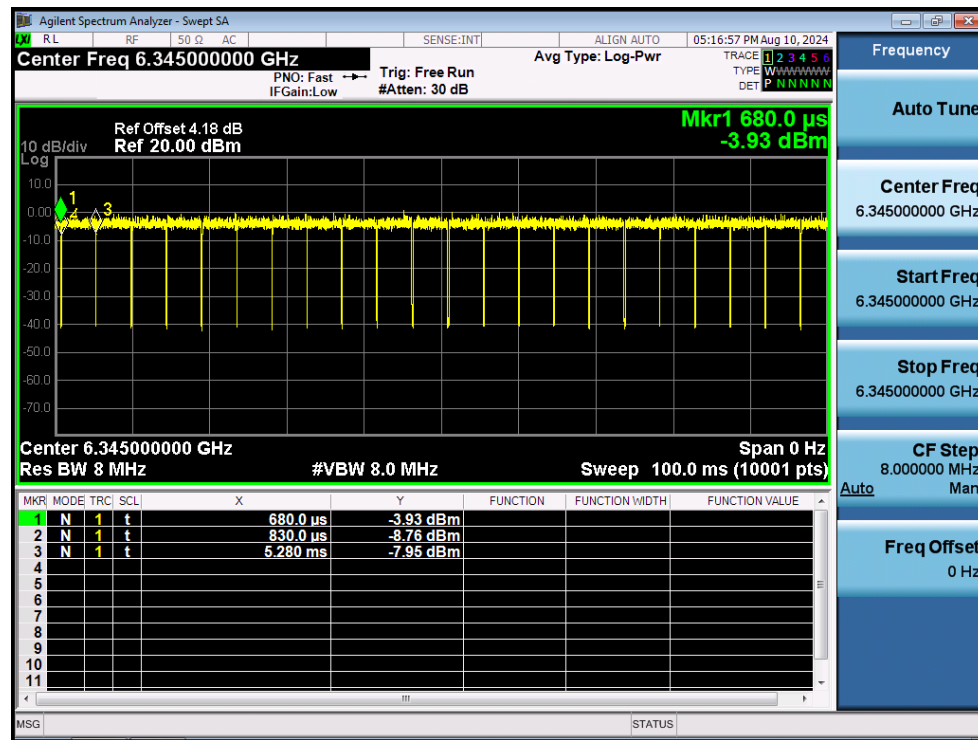
Duty Cycle NVNT ax160 6025MHz Ant1



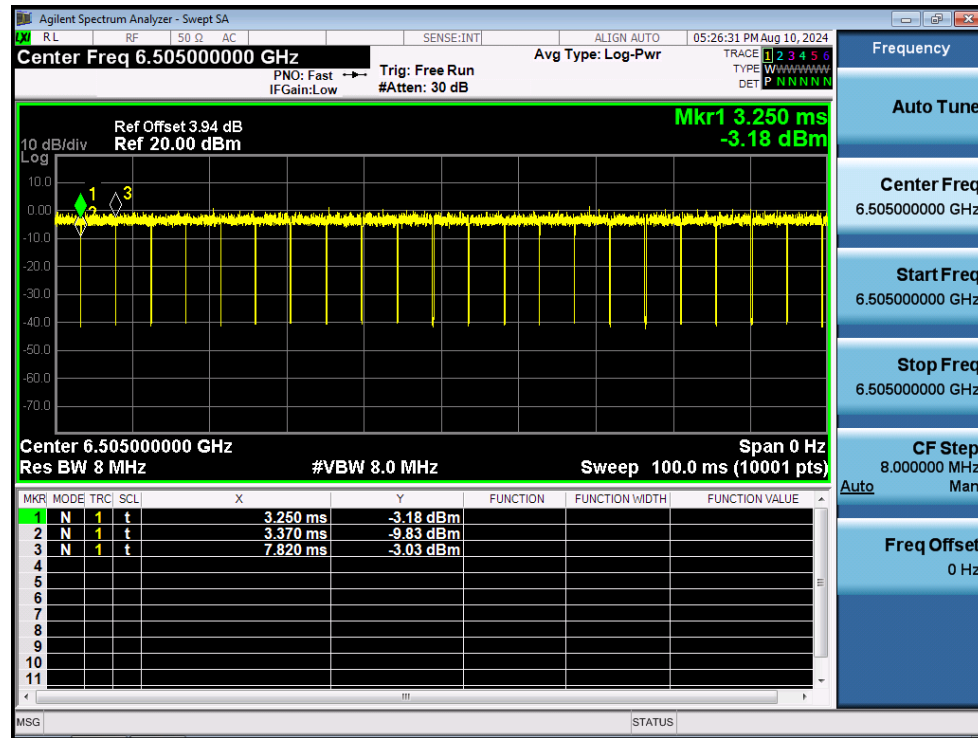
Duty Cycle NVNT ax160 6185MHz Ant1



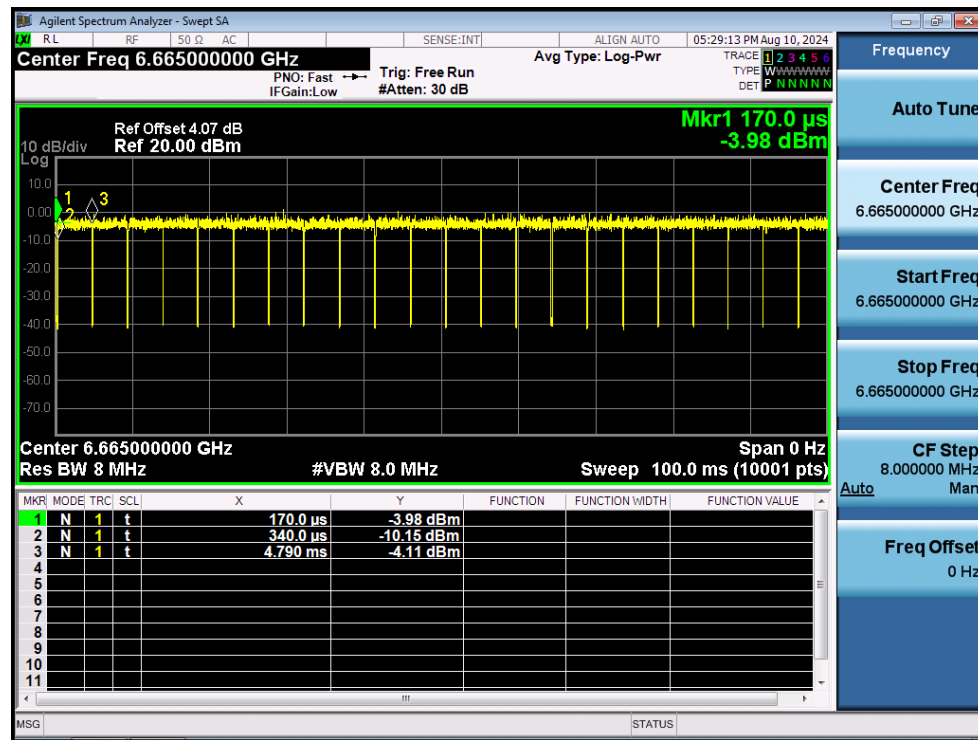
Duty Cycle NVNT ax160 6345MHz Ant1



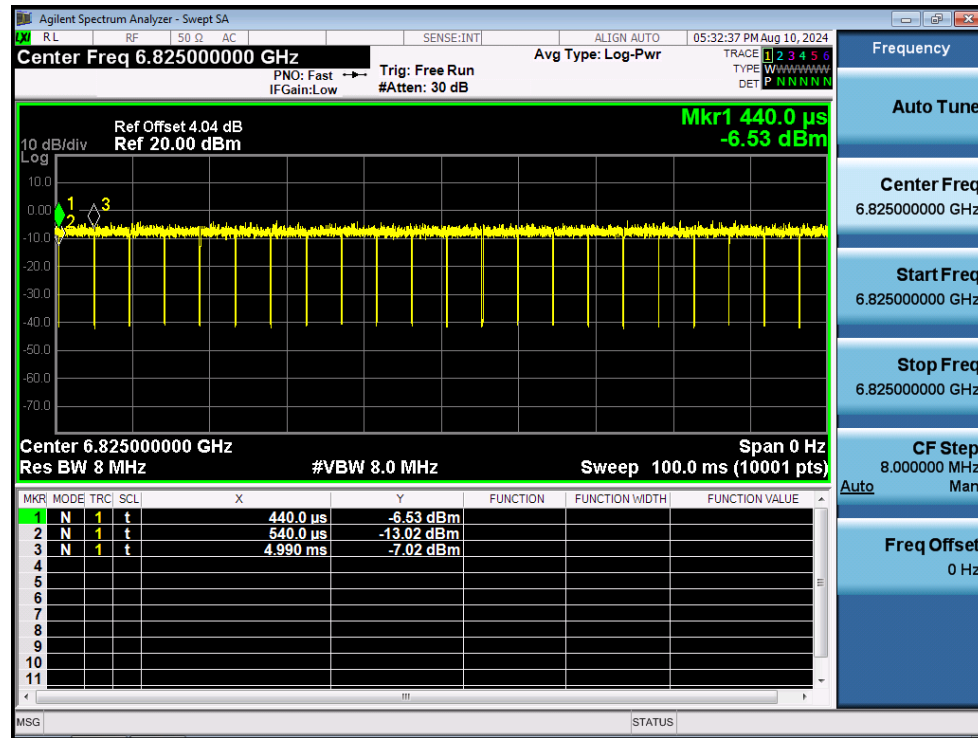
Duty Cycle NVNT ax160 6505MHz Ant1



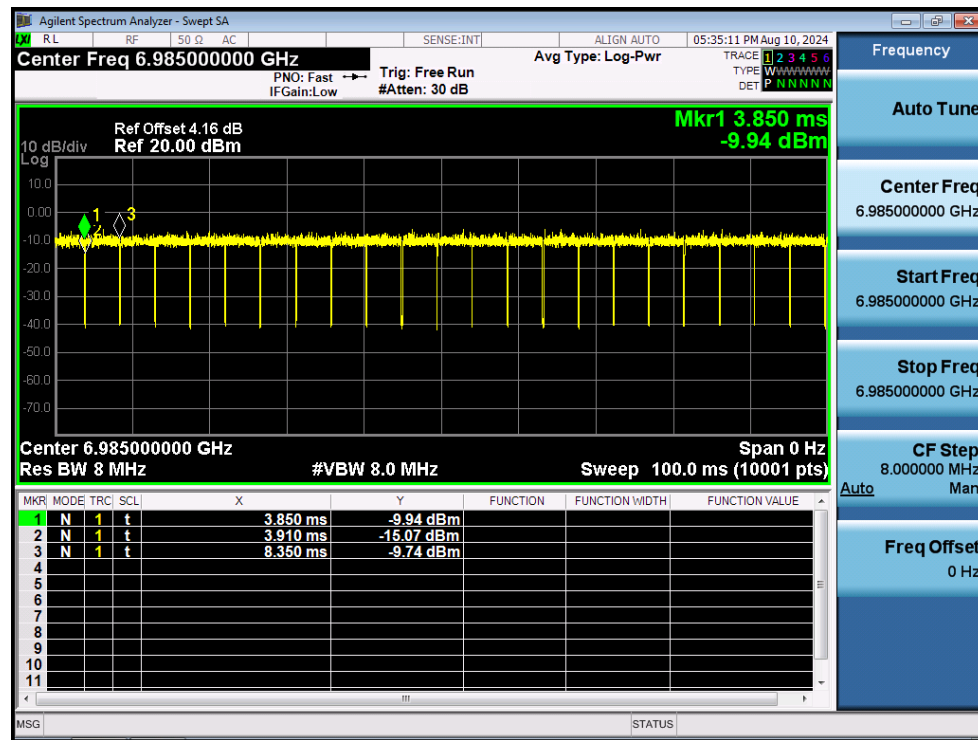
Duty Cycle NVNT ax160 6665MHz Ant1



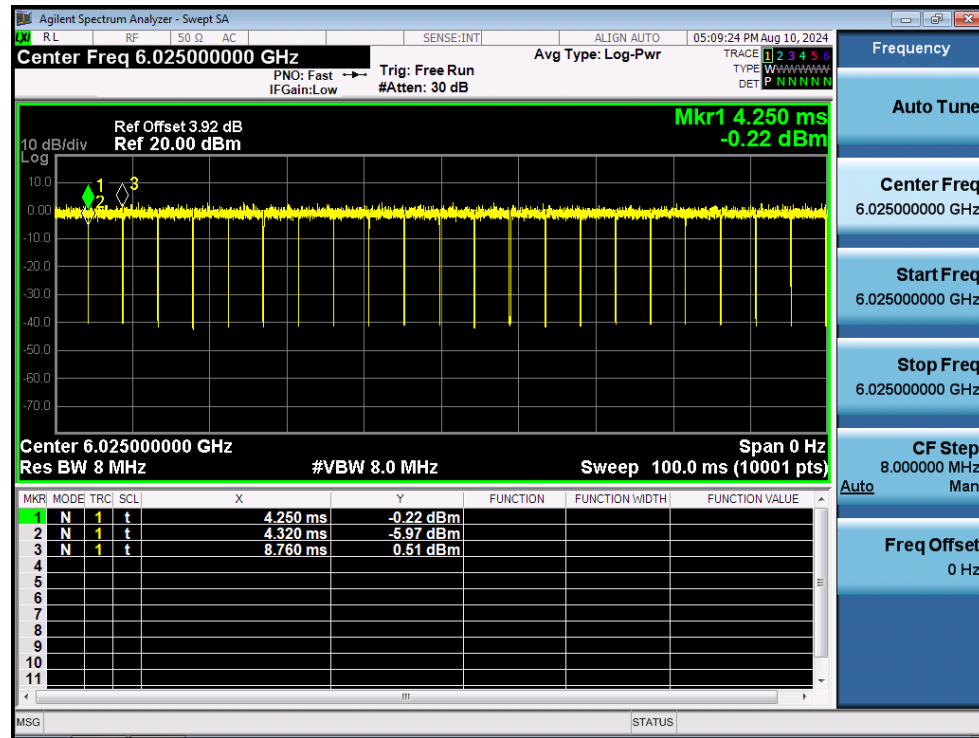
Duty Cycle NVNT ax160 6825MHz Ant1



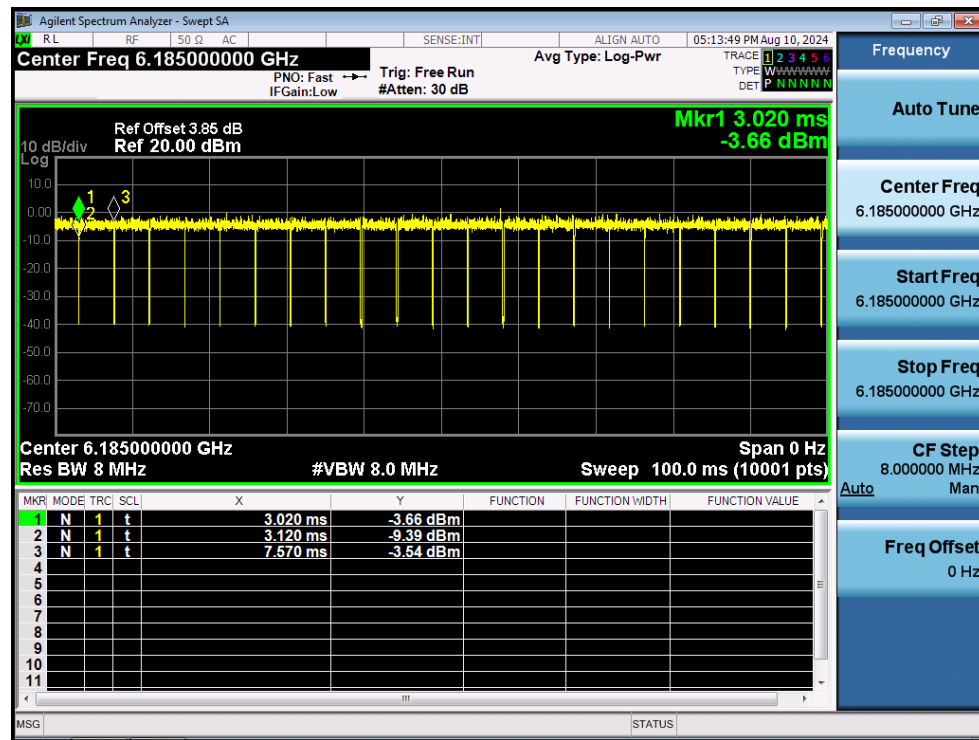
Duty Cycle NVNT ax160 6985MHz Ant1



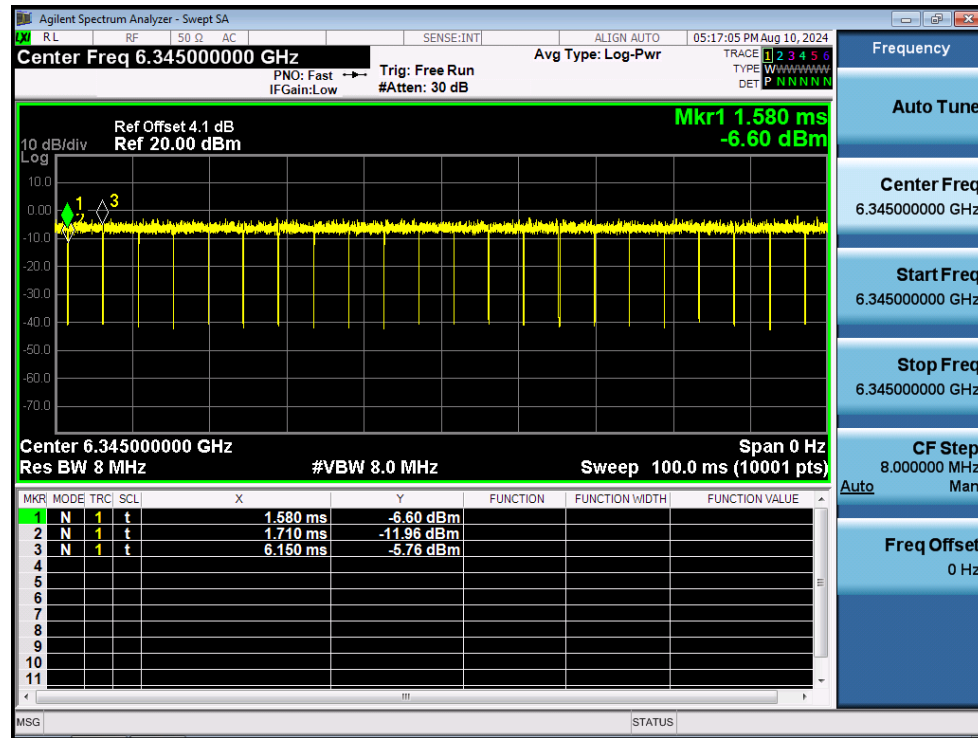
Duty Cycle NVNT ax160 6025MHz Ant2



Duty Cycle NVNT ax160 6185MHz Ant2



Duty Cycle NVNT ax160 6345MHz Ant2



Duty Cycle NVNT ax160 6505MHz Ant2

