

Duty Cycle NVNT ax40 5965MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:04:38 PM Aug 10, 2024

Center Freq 5.965000000 GHz Avg Type: Log-Pwr

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

Ref Offset 3.87 dB
Ref 20.00 dBm

Mkr1 2.250 ms
5.51 dBm

10 dB/div
Log

Center 5.965000000 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	5.51 dBm			
2	N	1	t	2.430 ms	4.10 dBm			
3	N	1	t	7.790 ms	6.18 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq 5.965000000 GHz

Start Freq 5.965000000 GHz

Stop Freq 5.965000000 GHz

CF Step 8.000000 MHz

Man

Auto

Freq Offset 0 Hz

Duty Cycle NVNT ax40 6165MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:05:34 PM Aug 10, 2024

Center Freq 6.16500000 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 N

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

Ref Offset 3.85 dB
Ref 20.00 dBm

Mkr1 2.450 ms
4.98 dBm

10 dB/div
Log

Center 6.16500000 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	2.450 ms	4.98 dBm			
2	N	1	t	2.560 ms	3.30 dBm			
3	N	1	t	7.920 ms	5.77 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.16500000 GHz

Start Freq
6.16500000 GHz

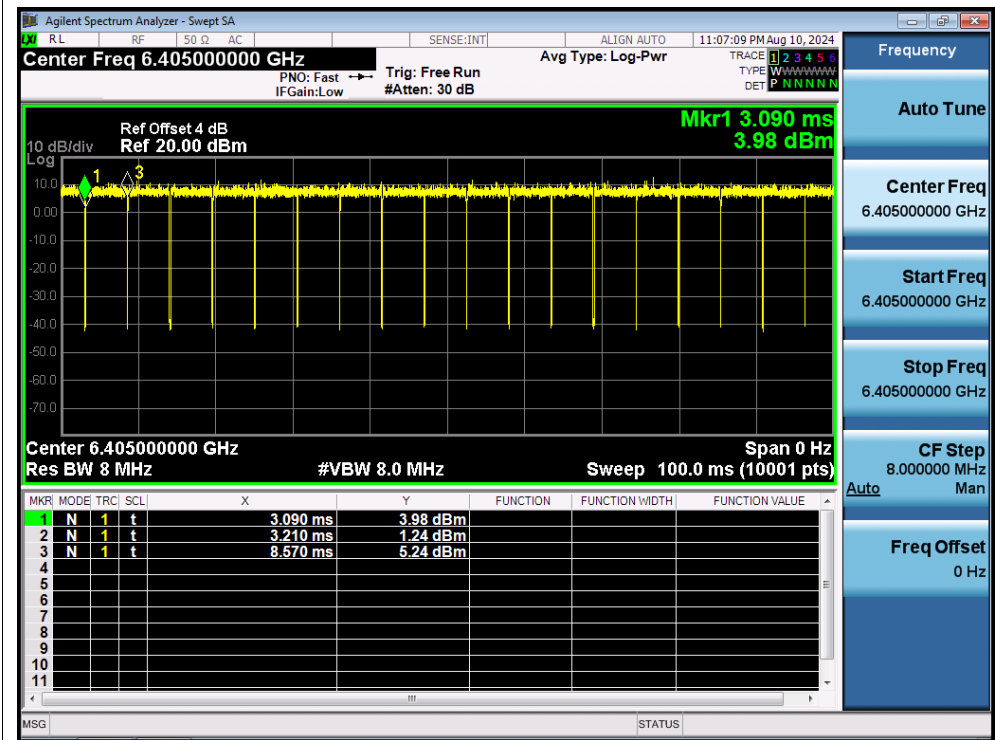
Stop Freq
6.16500000 GHz

CF Step
8.000000 MHz

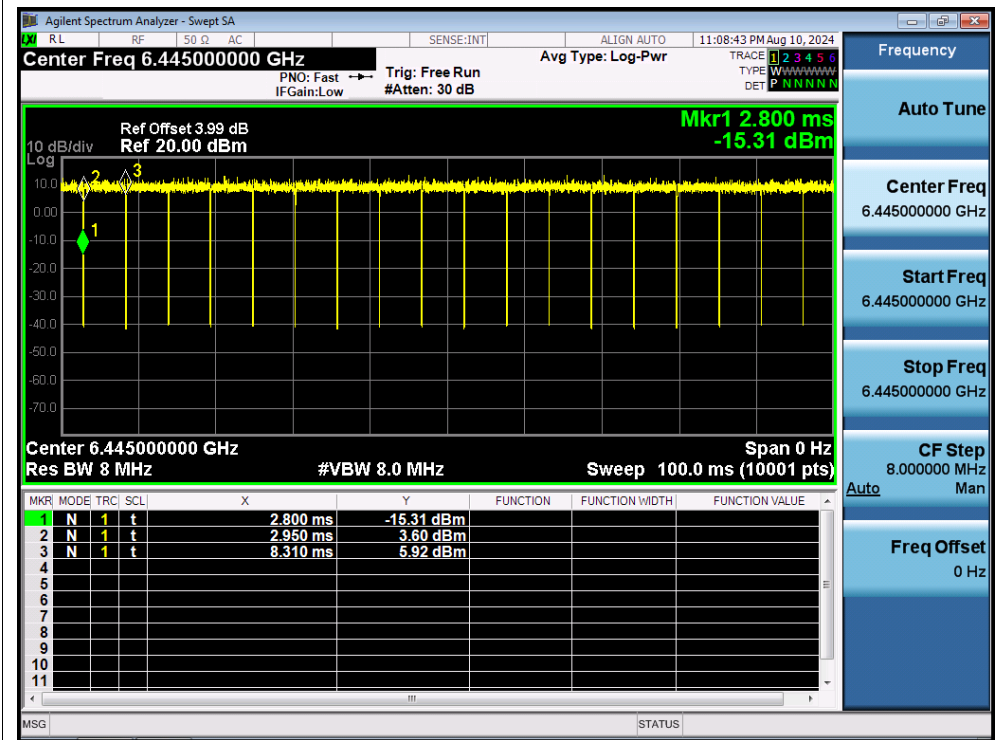
Freq Offset
0 Hz

Auto Man

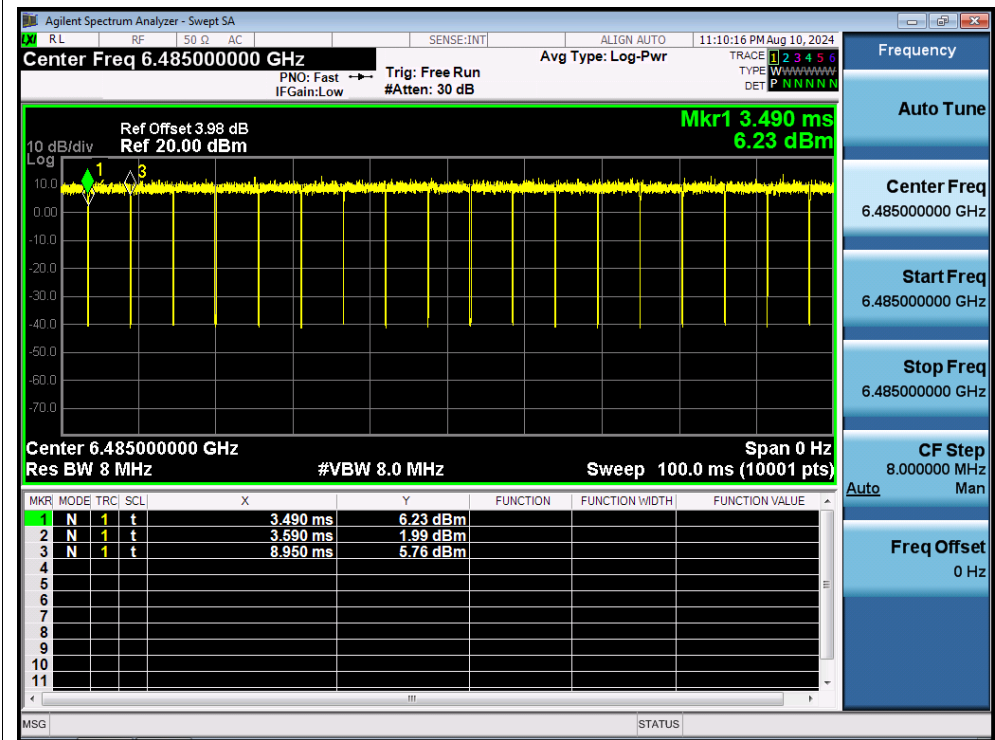
Duty Cycle NVNT ax40 6405MHz Ant2



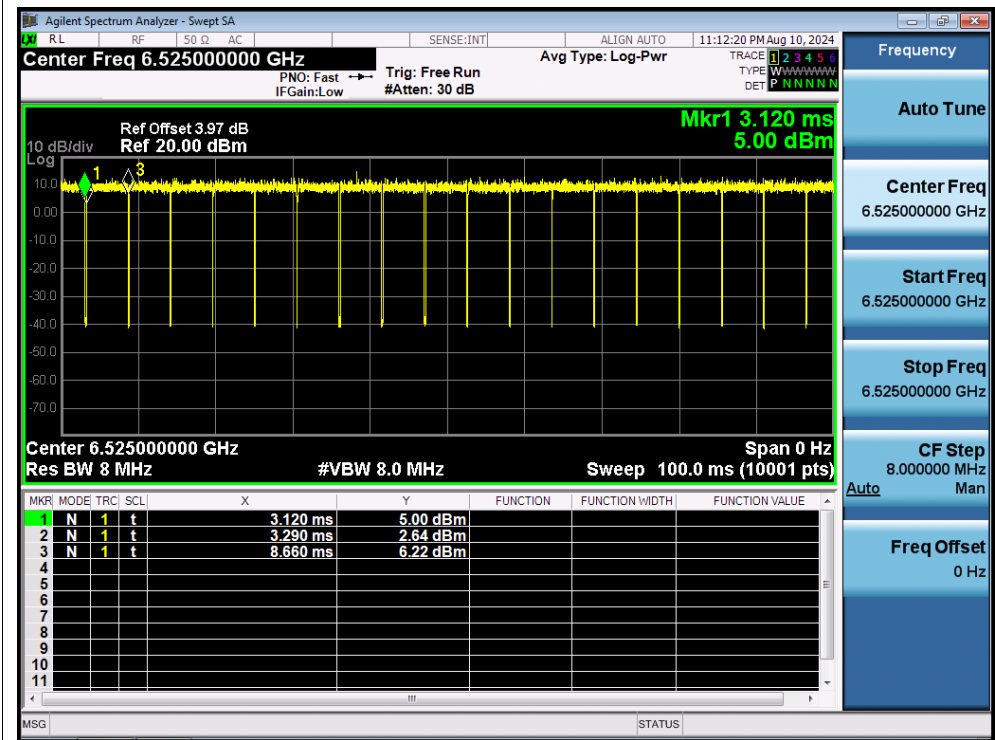
Duty Cycle NVNT ax40 6445MHz Ant2



Duty Cycle NVNT ax40 6485MHz Ant2



Duty Cycle NVNT ax40 6525MHz Ant2



Duty Cycle NVent ax40 6565MHz Ant2

Agilent Spectrum Analyzer - Sweep SA
RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:19:50 PM Aug 10, 2024

Center Freq 6.565000000 GHz Avg Type: Log-Pwr
PNO: Fast Trg: Free Run
IF Gain: Low #Atten: 30 dB

Ref Offset 3.96 dB
Ref 20.00 dBm

Mkr1 4.220 ms
7.75 dBm

10 dB/div
Log

Center 6.565000000 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	4.220 ms	7.75 dBm			
2	N	1	t	4.300 ms	3.43 dBm			
3	N	1	t	9.670 ms	-7.02 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency Auto Tune
Center Freq 6.565000000 GHz
Start Freq 6.565000000 GHz
Stop Freq 6.565000000 GHz
CF Step 8.000000 MHz Man
Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA

Center Freq 6.685000000 GHz

Ref Offset 4.11 dB
Ref 20.00 dBm

10 dB/div
Log

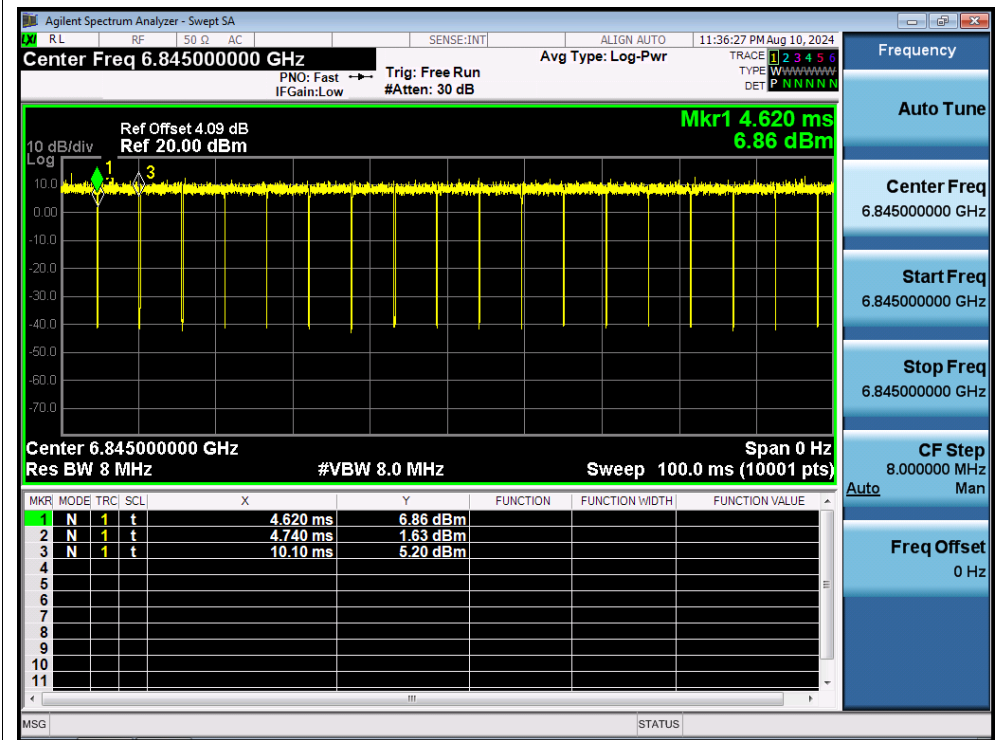
Mkr1 1.310 ms
3.45 dBm

Center 6.685000000 GHz
Res BW 8 MHz

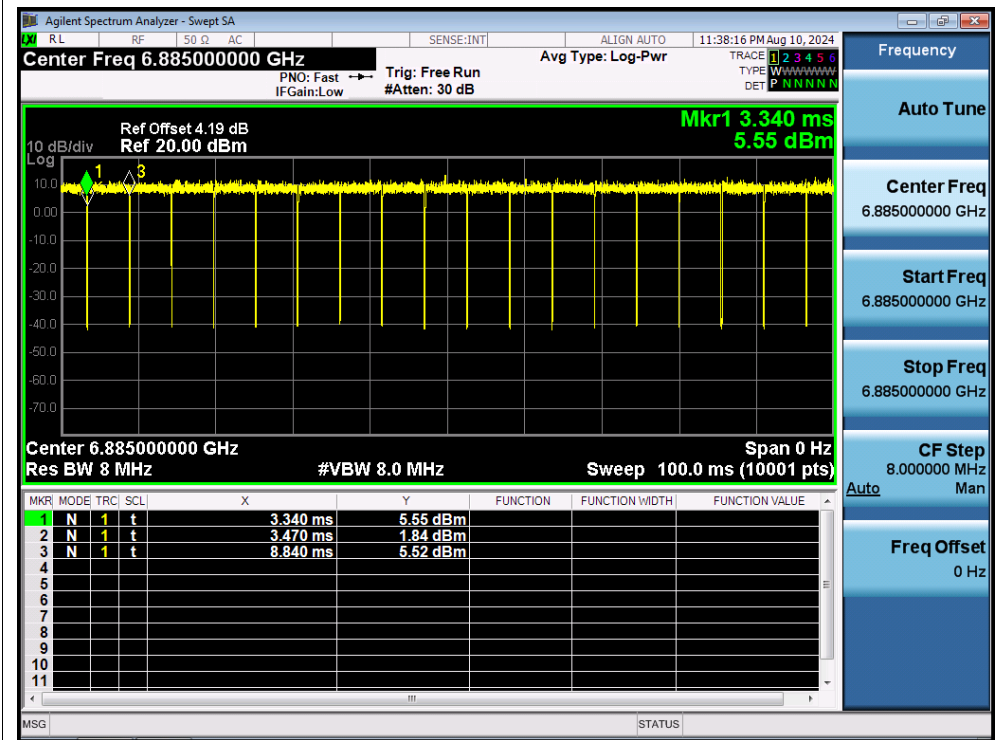
Span 0 Hz
Sweep 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.310 ms	3.45 dBm			
2	N	1	t	1.450 ms	0.95 dBm			
3	N	1	t	6.810 ms	2.65 dBm			

Duty Cycle NVNT ax40 6845MHz Ant2



Duty Cycle NVNT ax40 6885MHz Ant2



Duty Cycle NVNT ax40 6925MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:39:39 PM Aug 10, 2024

Center Freq 6.925000000 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
DET P N N N N N

Ref Offset 4.2 dB
Ref 20.00 dBm

Mkr1 530.0 μs
3.56 dBm

10 dB/div
Log

Center 6.925000000 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	530.0 μs	3.56 dBm			
2	N	1	t	620.0 μs	2.16 dBm			
3	N	1	t	5.980 ms	4.59 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.925000000 GHz

Start Freq
6.925000000 GHz

Stop Freq
6.925000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Duty Cycle NVNT ax40 6965MHz Ant2

Agilent Spectrum Analyzer - Sweep SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:45:10 PM Aug 10, 2024

Center Freq 6.965000000 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 4.15 dB
Ref 20.00 dBm

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

**Mkr1 3.080 ms
5.55 dBm**

10 dB/div
Log

Center 6.965000000 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	3.080 ms	5.55 dBm			
2	N	1	t	3.250 ms	2.29 dBm			
3	N	1	t	8.620 ms	5.29 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
6.965000000 GHz

Start Freq
6.965000000 GHz

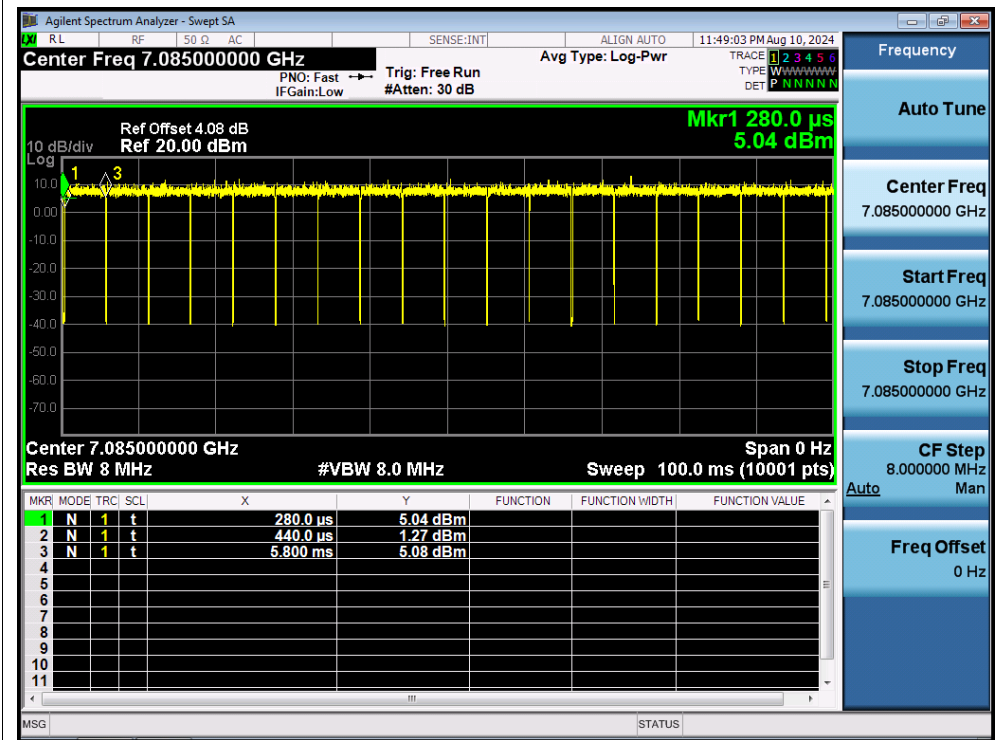
Stop Freq
6.965000000 GHz

CF Step
8.000000 MHz
Man

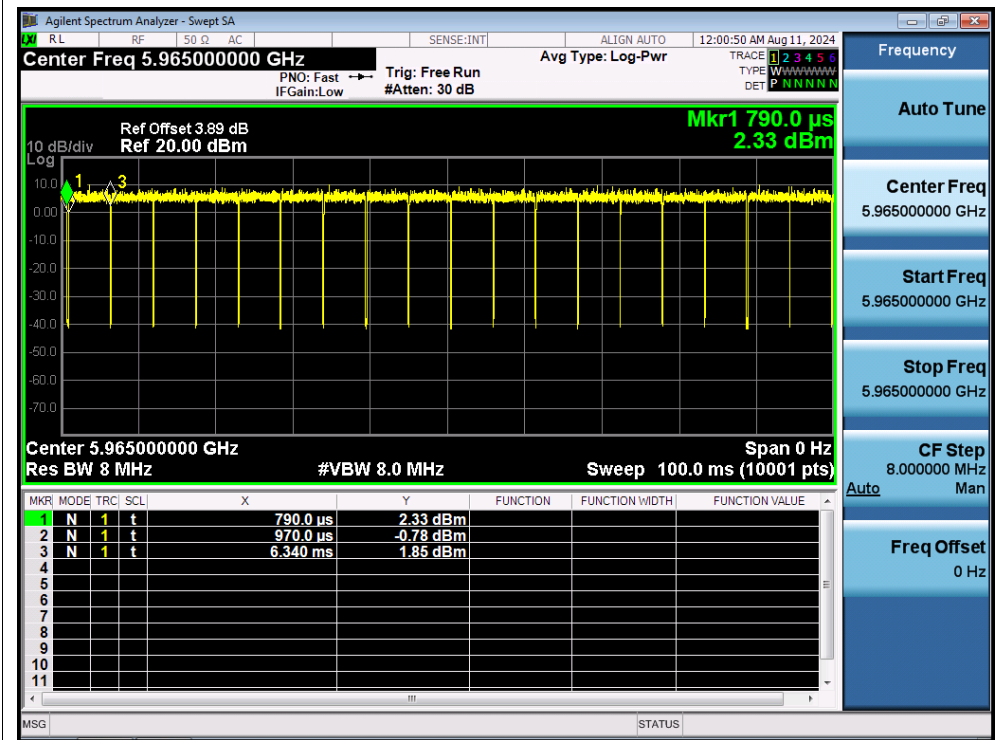
Freq Offset
0 Hz

MSG STATUS

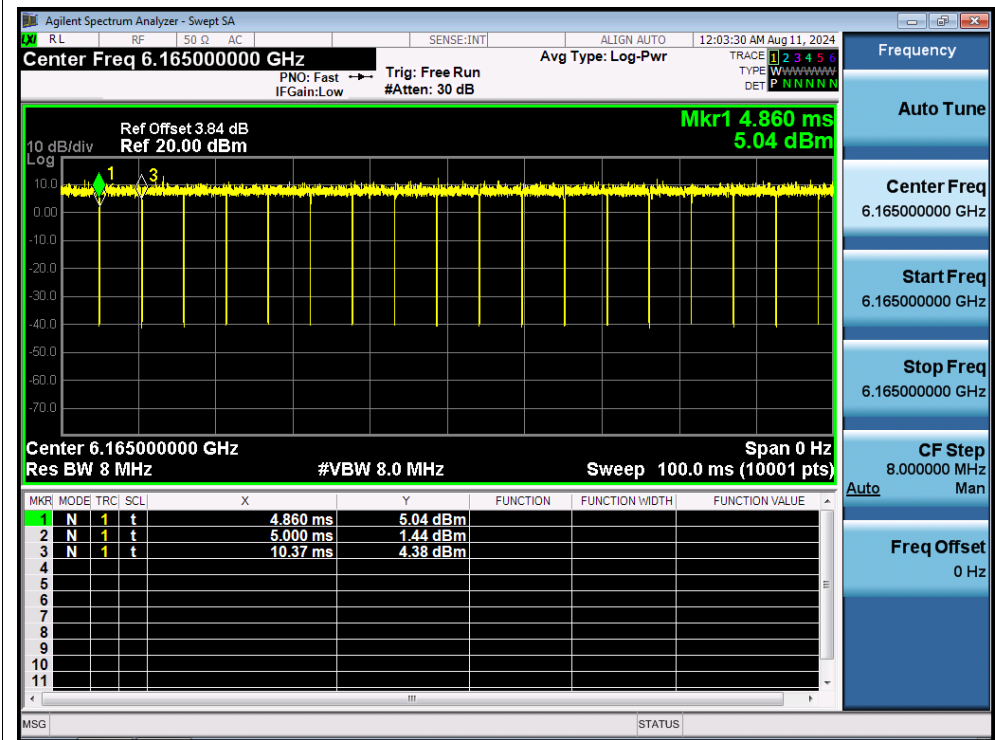
Duty Cycle NVNT ax40 7085MHz Ant2



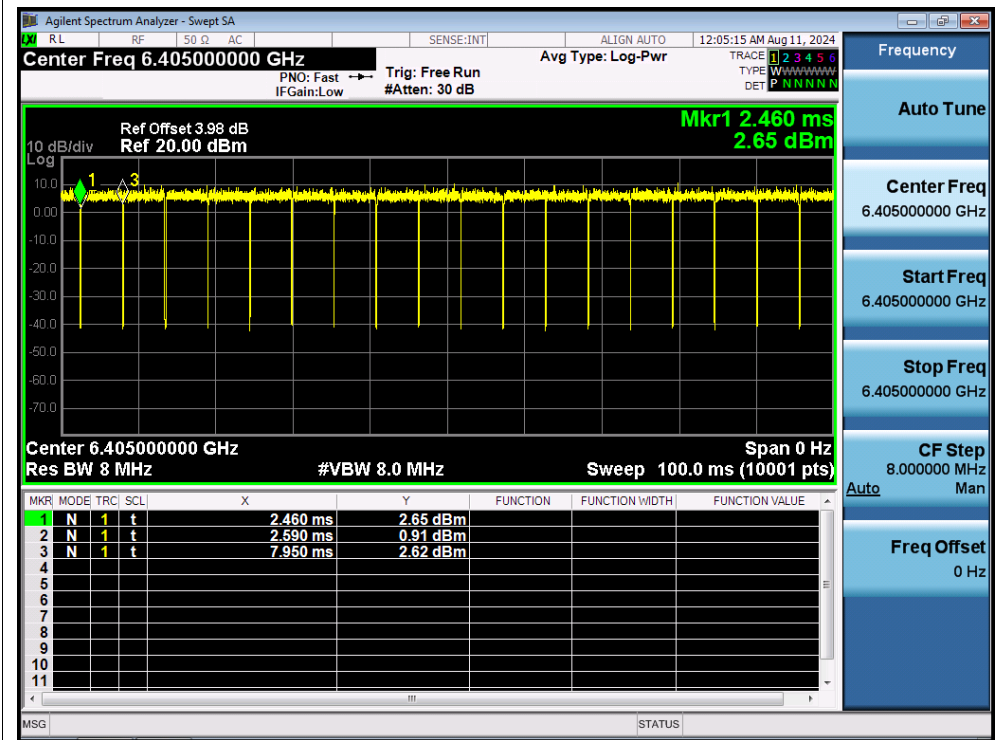
Duty Cycle NVNT ax40 5965MHz Ant3



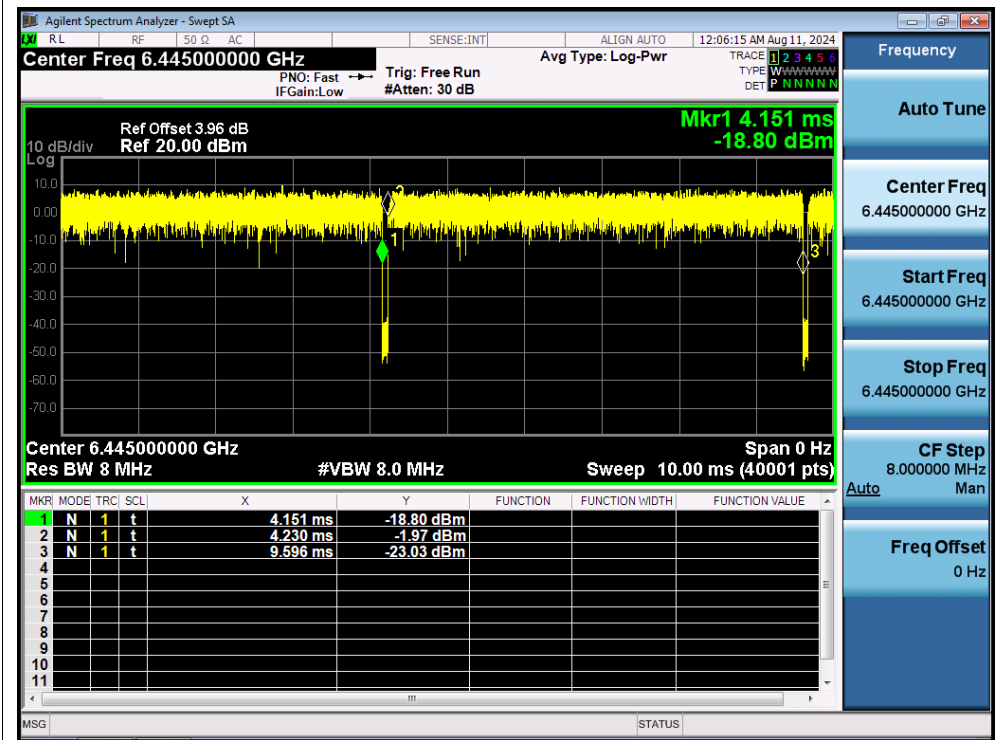
Duty Cycle NVNT ax40 6165MHz Ant3



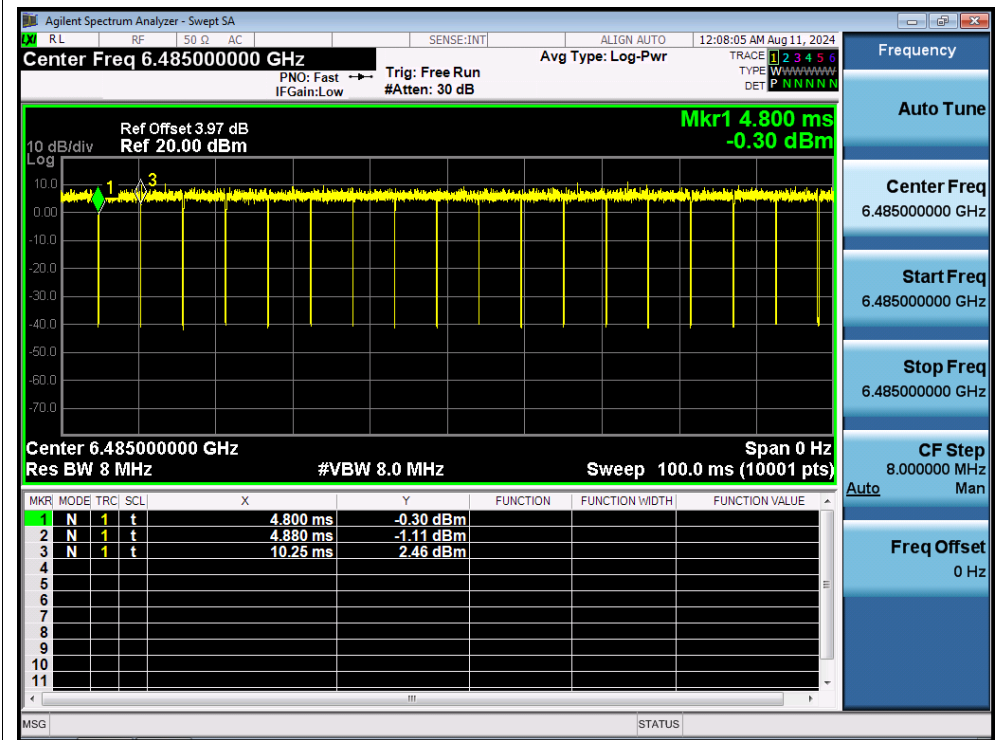
Duty Cycle NVNT ax40 6405MHz Ant3



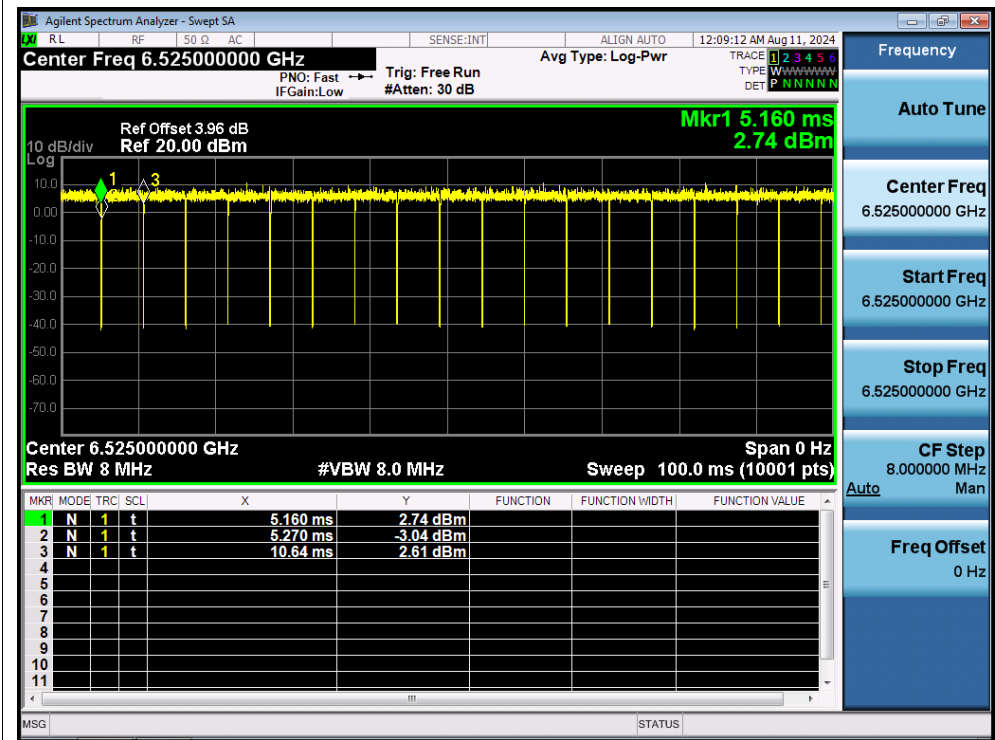
Duty Cycle NVNT ax40 6445MHz Ant3



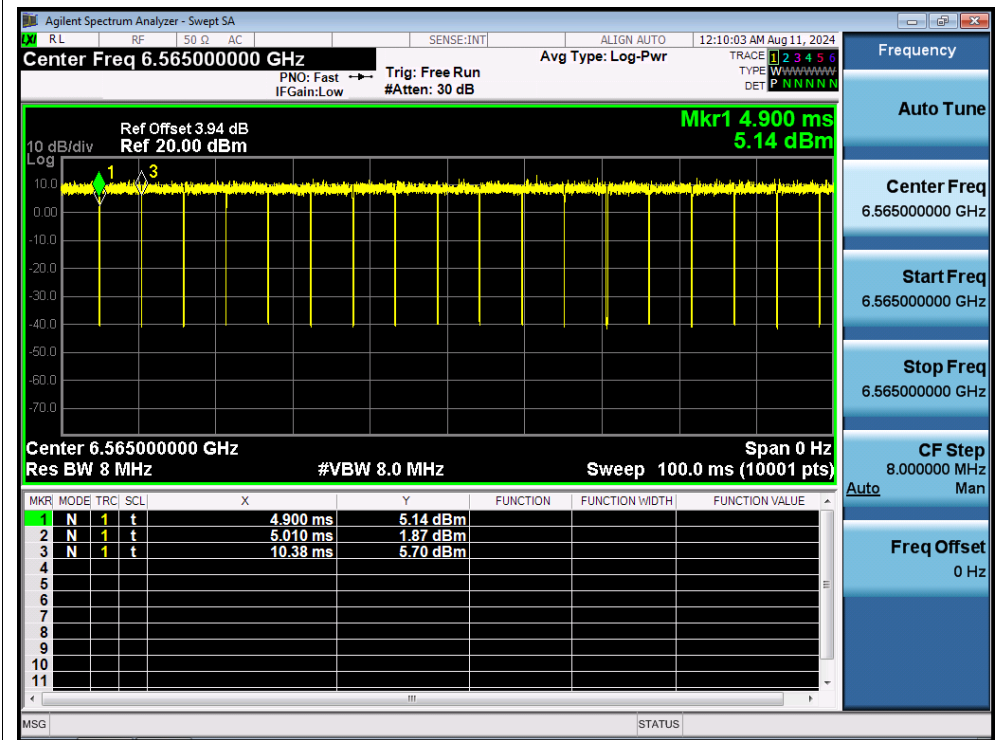
Duty Cycle NVNT ax40 6485MHz Ant3



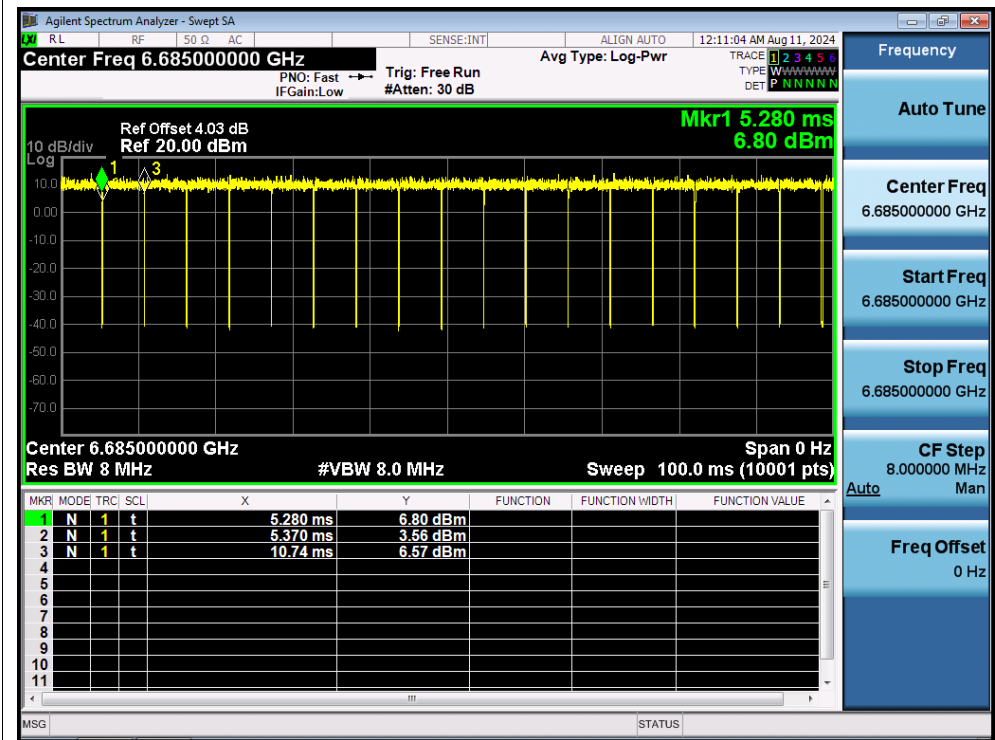
Duty Cycle NVNT ax40 6525MHz Ant3



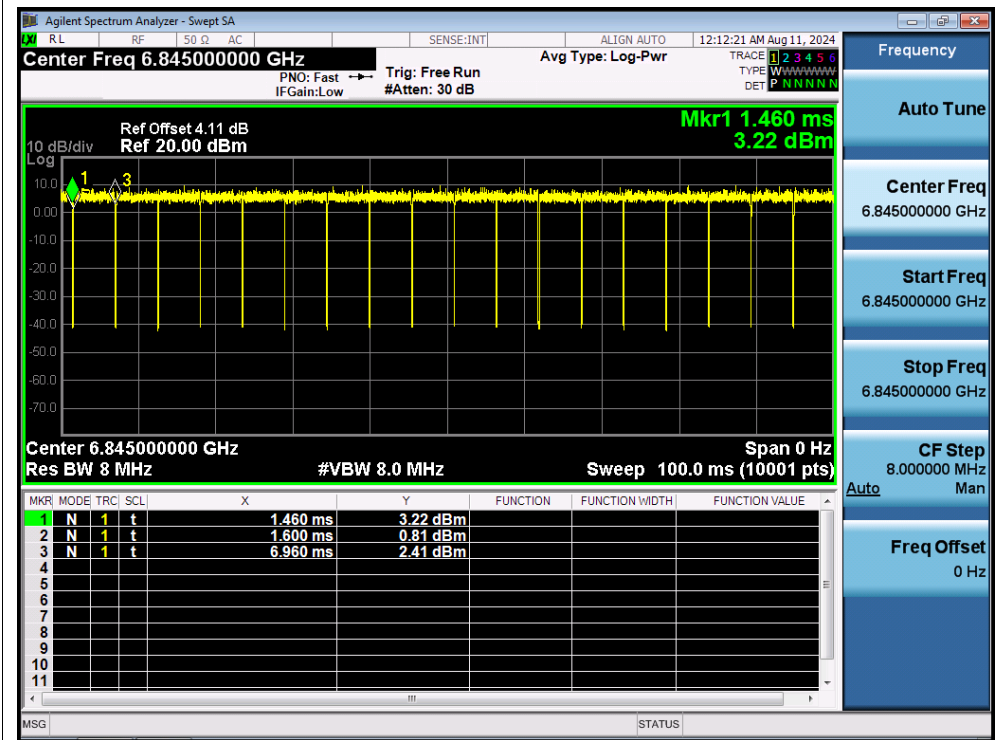
Duty Cycle NVNT ax40 6565MHz Ant3



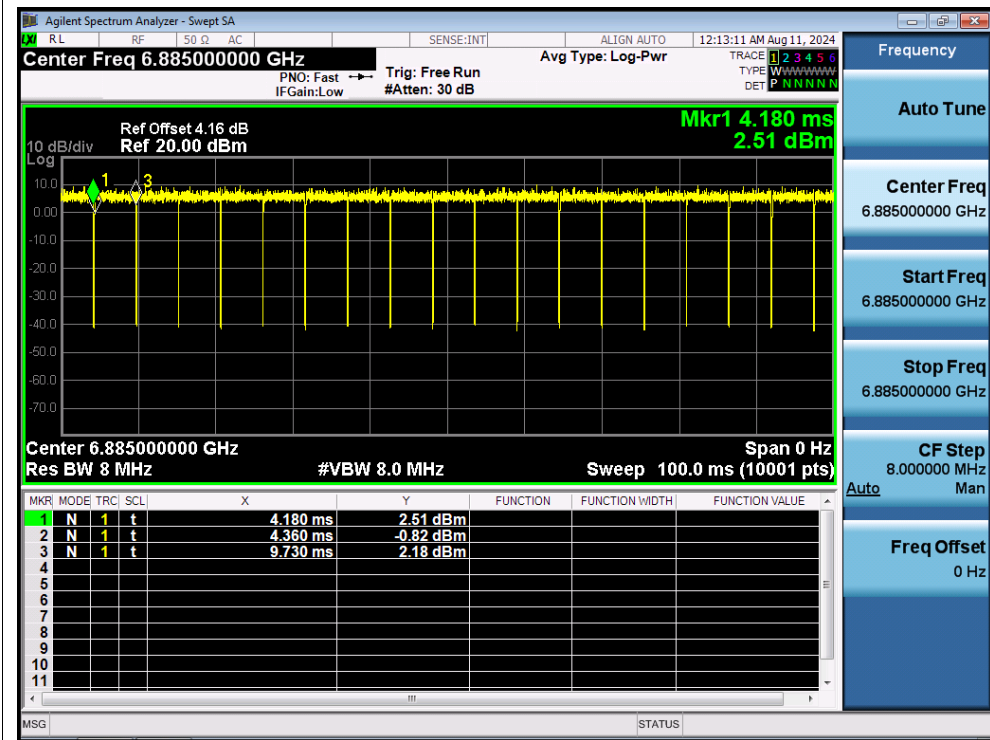
Duty Cycle NVNT ax40 6685MHz Ant3



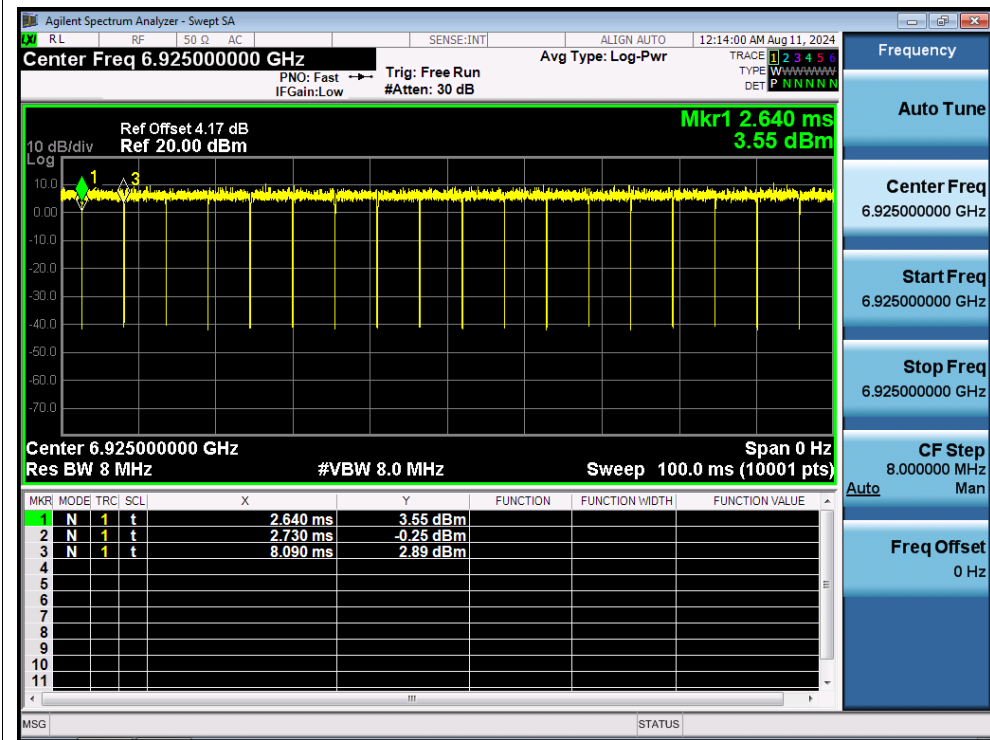
Duty Cycle NVNT ax40 6845MHz Ant3



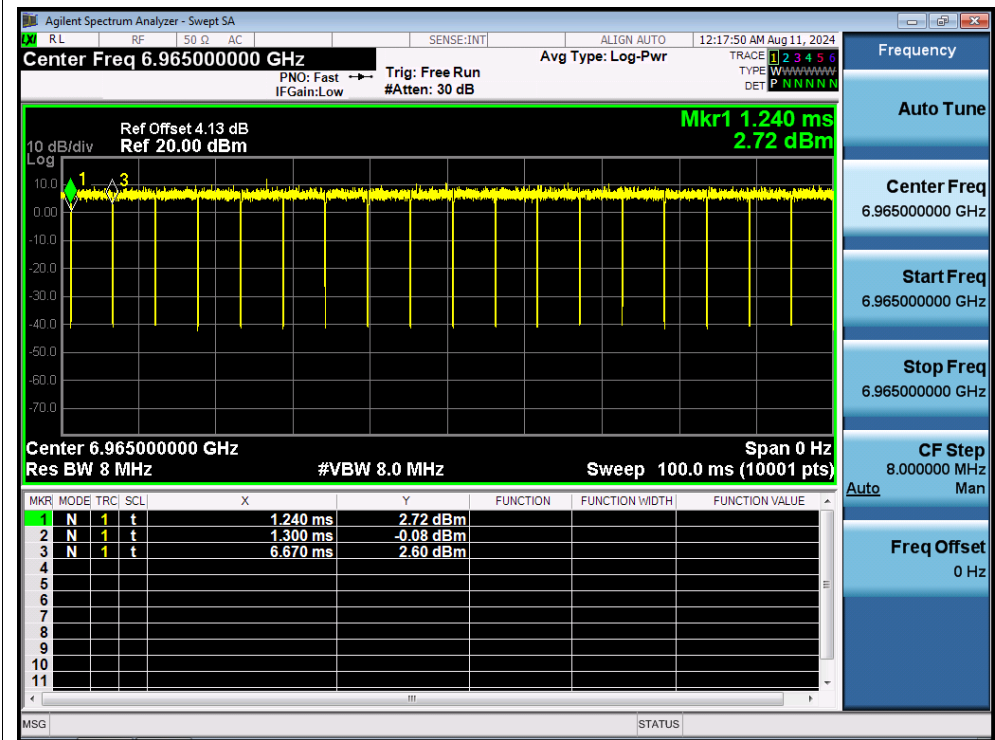
Duty Cycle NVNT ax40 6885MHz Ant3



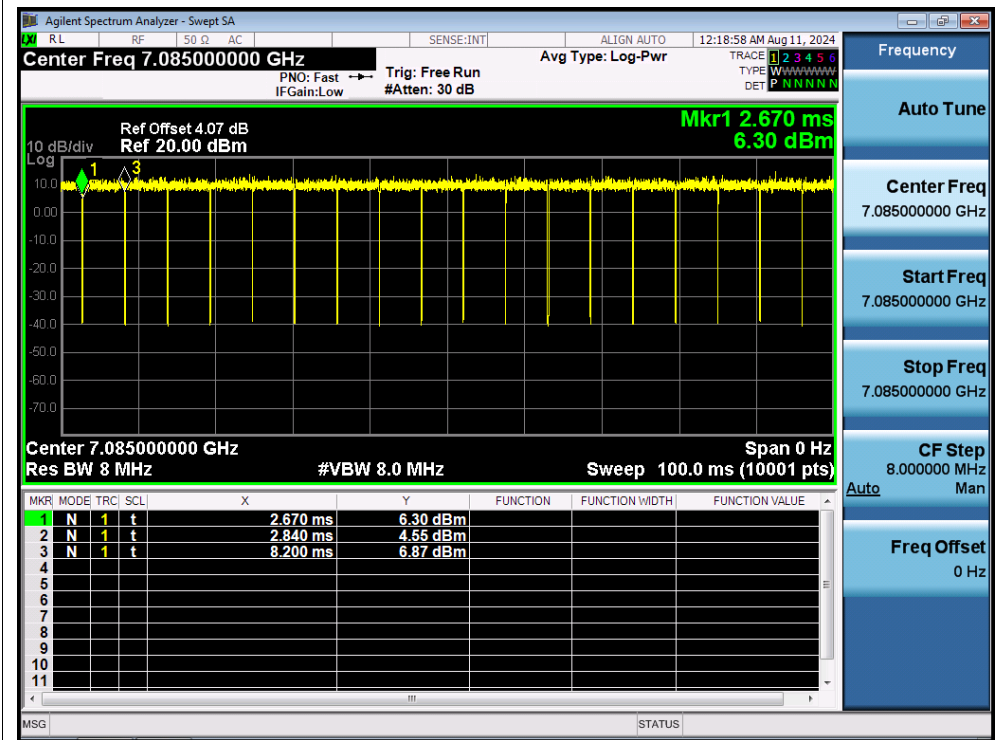
Duty Cycle NVNT ax40 6925MHz Ant3



Duty Cycle NVNT ax40 6965MHz Ant3



Duty Cycle NVNT ax40 7085MHz Ant3



Duty Cycle NVent ax40 5965MHz Ant4

Agilent Spectrum Analyzer - Sweep SA
RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:24:09 AM Aug 11, 2024

Center Freq 5.965000000 GHz Avg Type: Log-Pwr PNO: Fast Trif: Free Run IF Gain: Low #Atten: 30 dB

Ref Offset 4 dB Mkr1 420.0 us
Ref 20.00 dBm 2.27 dBm

10 dB/div Log

Center 5.965000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 100.0 ms (10001 pts)

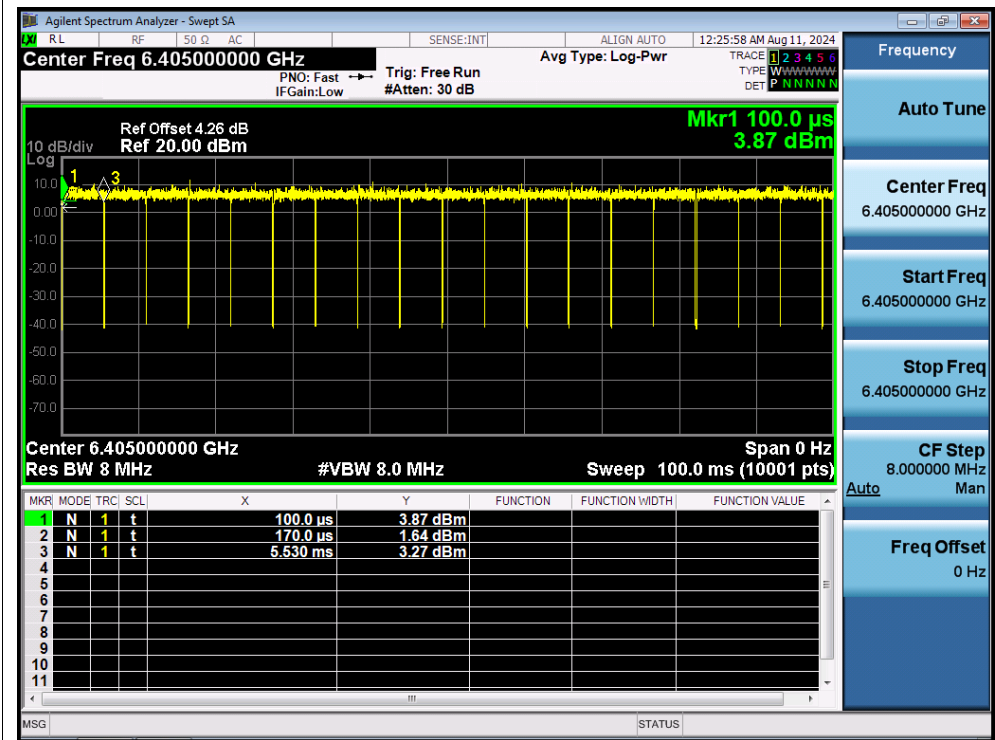
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	420.0 μs	-2.27 dBm			
2	N	1	t	500.0 μs	-0.75 dBm			
3	N	1	t	5.860 ms	3.40 dBm			

MSG STATUS

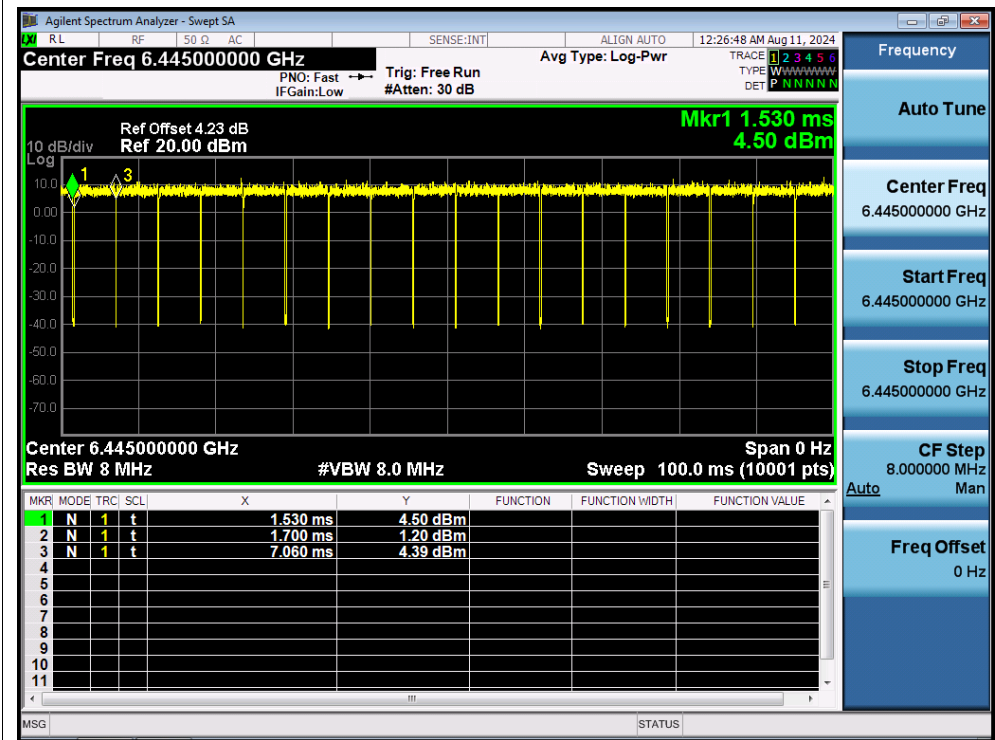
Frequency
Auto Tune
Center Freq 5.965000000 GHz
Start Freq 5.965000000 GHz
Stop Freq 5.965000000 GHz
CF Step 8.000000 MHz
Man
Freq Offset 0 Hz
Auto

[illegible]

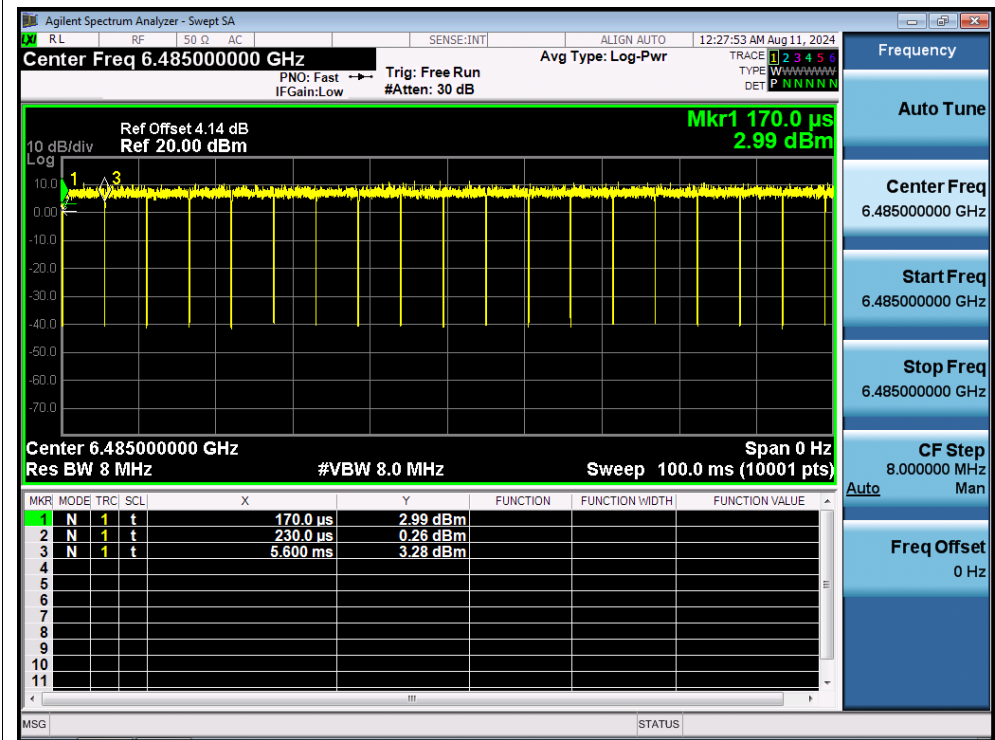
Duty Cycle NVNT ax40 6405MHz Ant4



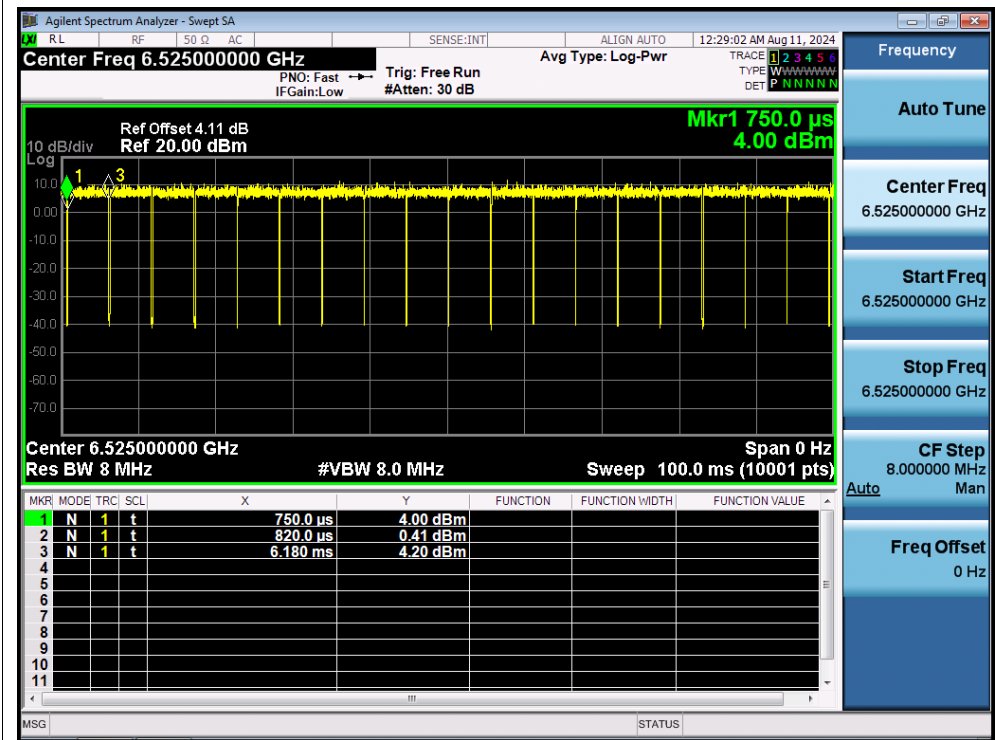
Duty Cycle NVNT ax40 6445MHz Ant4



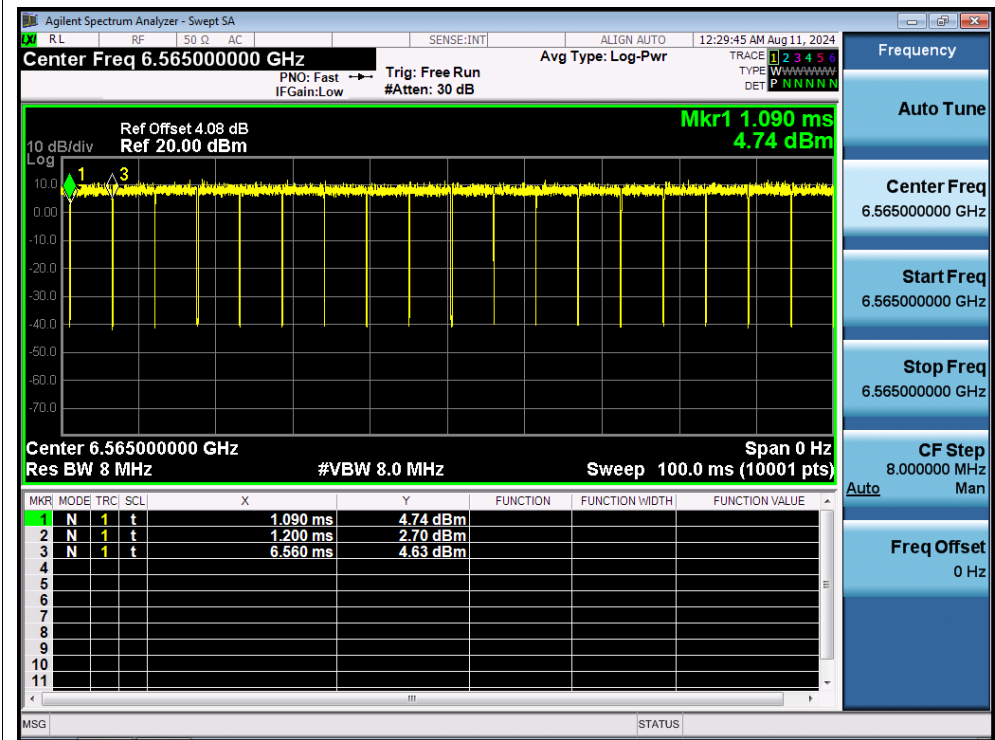
Duty Cycle NVNT ax40 6485MHz Ant4



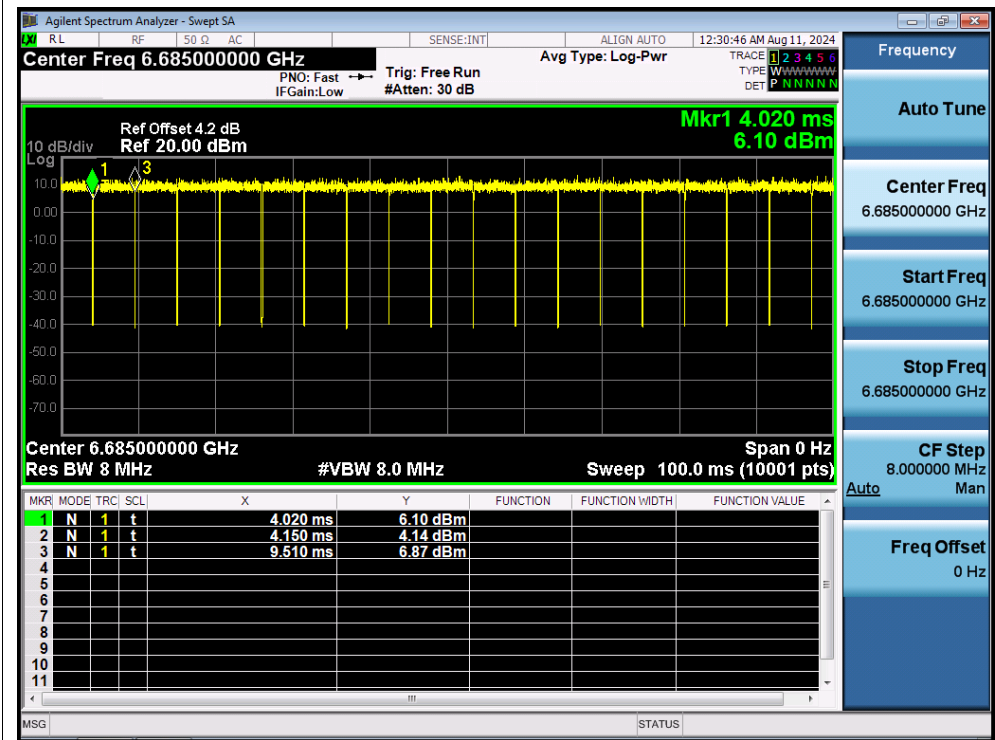
Duty Cycle NVNT ax40 6525MHz Ant4



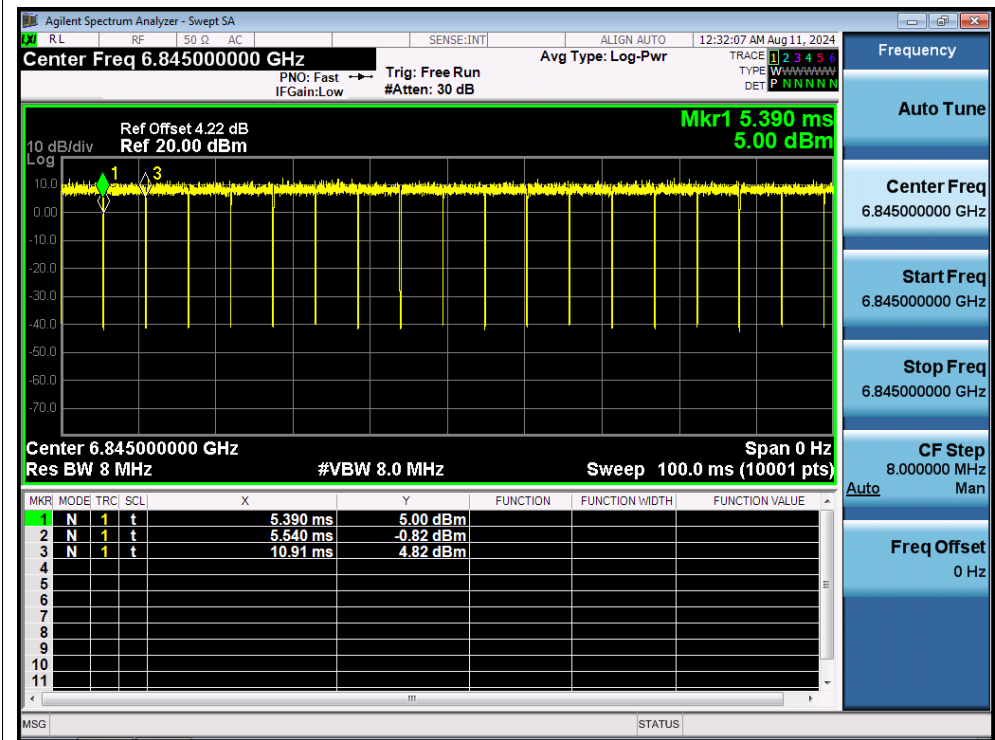
Duty Cycle NVNT ax40 6565MHz Ant4



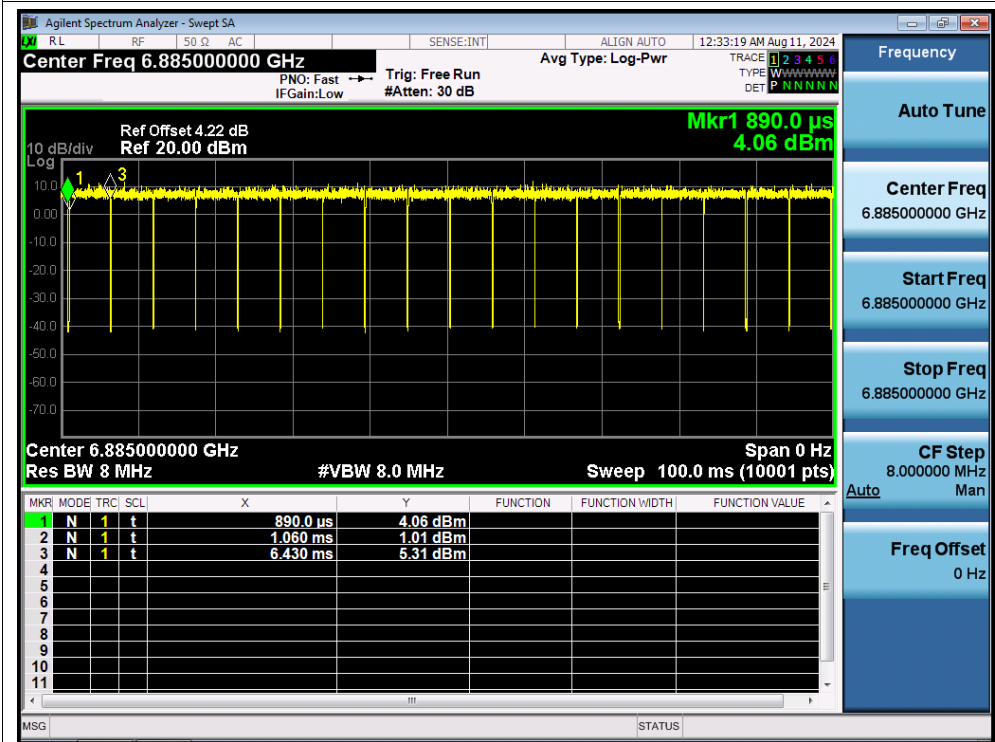
Duty Cycle NVNT ax40 6685MHz Ant4



Duty Cycle NVNT ax40 6845MHz Ant4



Duty Cycle NVNT ax40 6885MHz Ant4



Duty Cycle NVNT ax40 6925MHz Ant4

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:34:39 AM Aug 11, 2024

Center Freq 6.925000000 GHz Avg Type: Log-Pwr

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

Ref Offset 4.25 dB
Ref 20.00 dBm

Mkr1 3.900 ms
2.96 dBm

10 dB/div
Log

Center 6.925000000 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	3.900 ms	2.96 dBm			
2	N	1	t	3.970 ms	1.48 dBm			
3	N	1	t	9.330 ms	4.05 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.925000000 GHz

Start Freq
6.925000000 GHz

Stop Freq
6.925000000 GHz

CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

Auto

Duty Cycle NVNT ax40 6965MHz Ant4

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:35:36 AM Aug 11, 2024

Center Freq 6.965000000 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 4.3 dB
Ref 20.00 dBm

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

10 dB/div
Log

Mkr1 4.510 ms
4.30 dBm

Center 6.965000000 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	4.30 dBm			
2	N	1	t	4.660 ms	1.50 dBm			
3	N	1	t	10.02 ms	4.71 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.965000000 GHz

Start Freq
6.965000000 GHz

Stop Freq
6.965000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Duty Cycle NVMT ax40 7085MHz Ant4

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:38:43 AM Aug 11, 2024

Center Freq 7.085000000 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 4.28 dB
Ref 20.00 dBm

**Mkr1 5.520 ms
6.20 dBm**

10 dB/div
Log

Center 7.085000000 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	5.520 ms	6.20 dBm			
2	N	1	t	5.630 ms	2.35 dBm			
3	N	1	t	11.00 ms	7.27 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
7.085000000 GHz

Start Freq
7.085000000 GHz

Stop Freq
7.085000000 GHz

CF Step
8.000000 MHz

Man

Auto

Freq Offset
0 Hz

MSG STATUS

Duty Cycle NVNT ax40 5965MHz Sum

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 06:47:45 PM Aug 12, 2024

Center Freq 5.965000000 GHz Avg Type: Log-Pwr

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

Ref Offset 3.92 dB
Ref 20.00 dBm

Mkr1 2.960 ms -1.62 dBm

10 dB/div Log

Center 5.965000000 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	2.960 ms	-1.62 dBm			
2	N	1	t	3.100 ms	-4.11 dBm			
3	N	1	t	8.460 ms	-1.31 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
5.965000000 GHz

Start Freq
5.965000000 GHz

Stop Freq
5.965000000 GHz

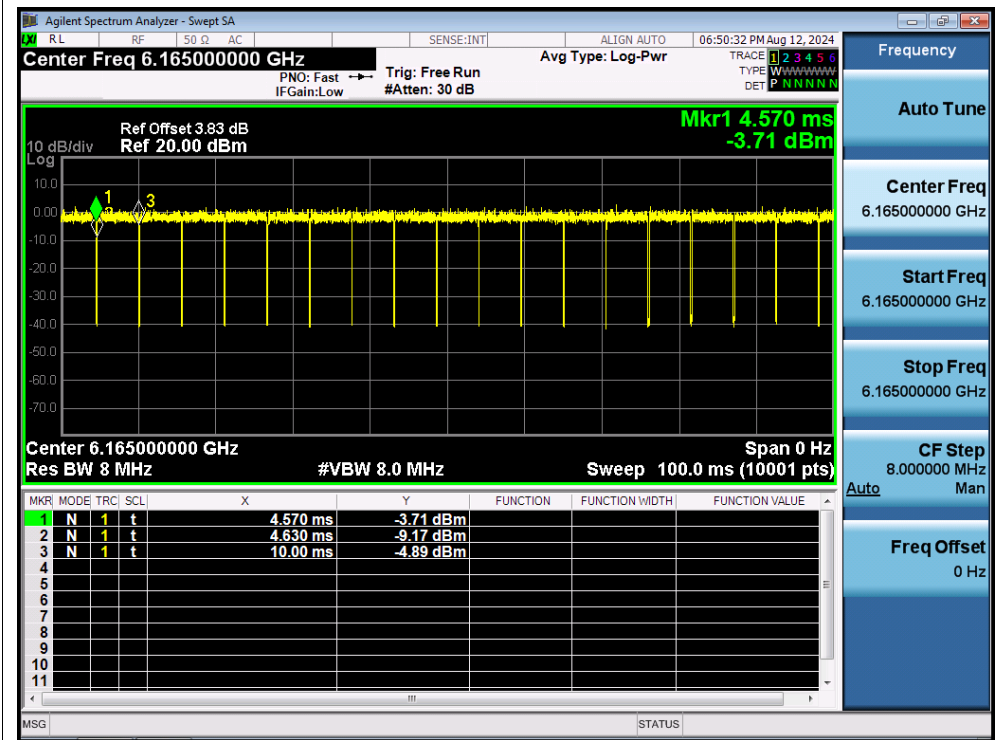
CF Step
8.000000 MHz

Man

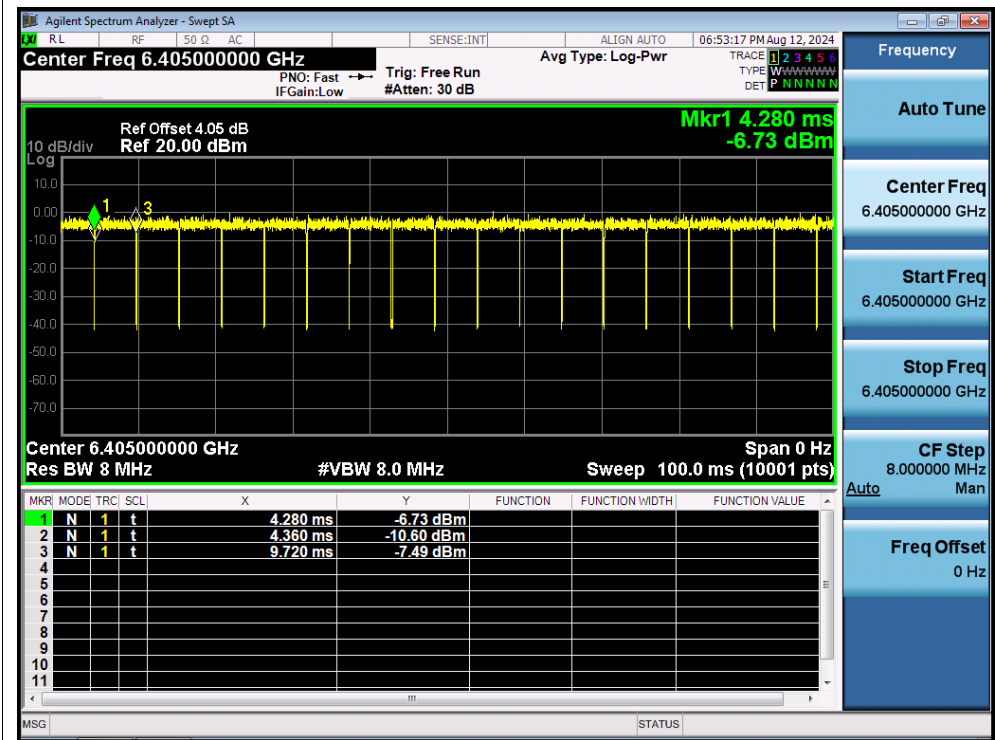
Freq Offset
0 Hz

MSG STATUS

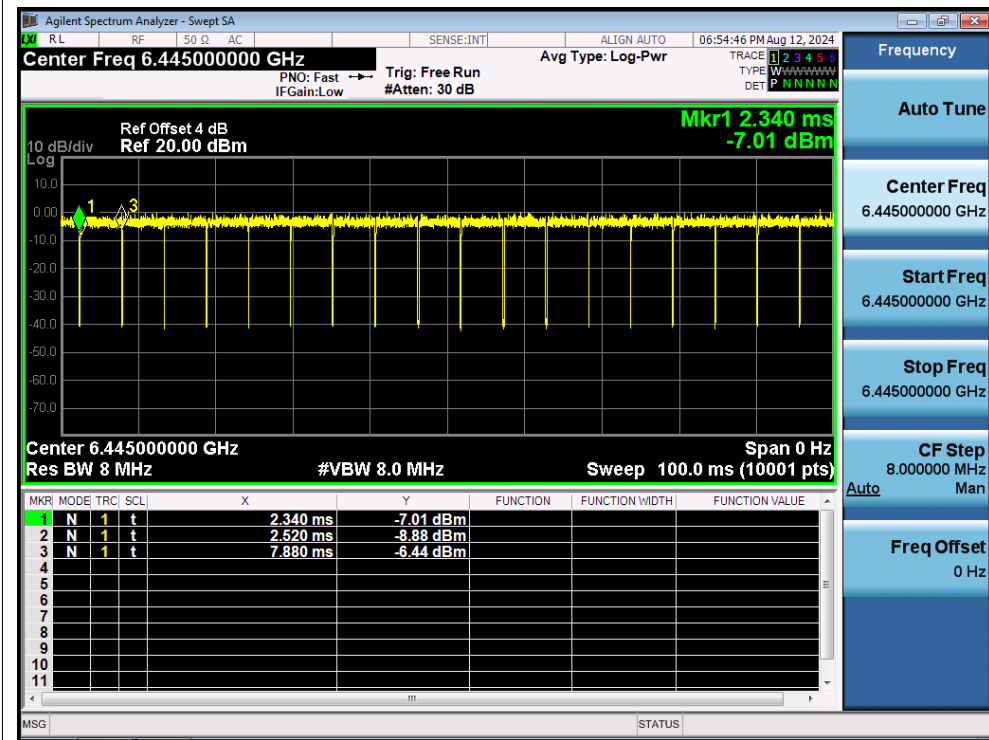
Duty Cycle NVNT ax40 6165MHz Sum



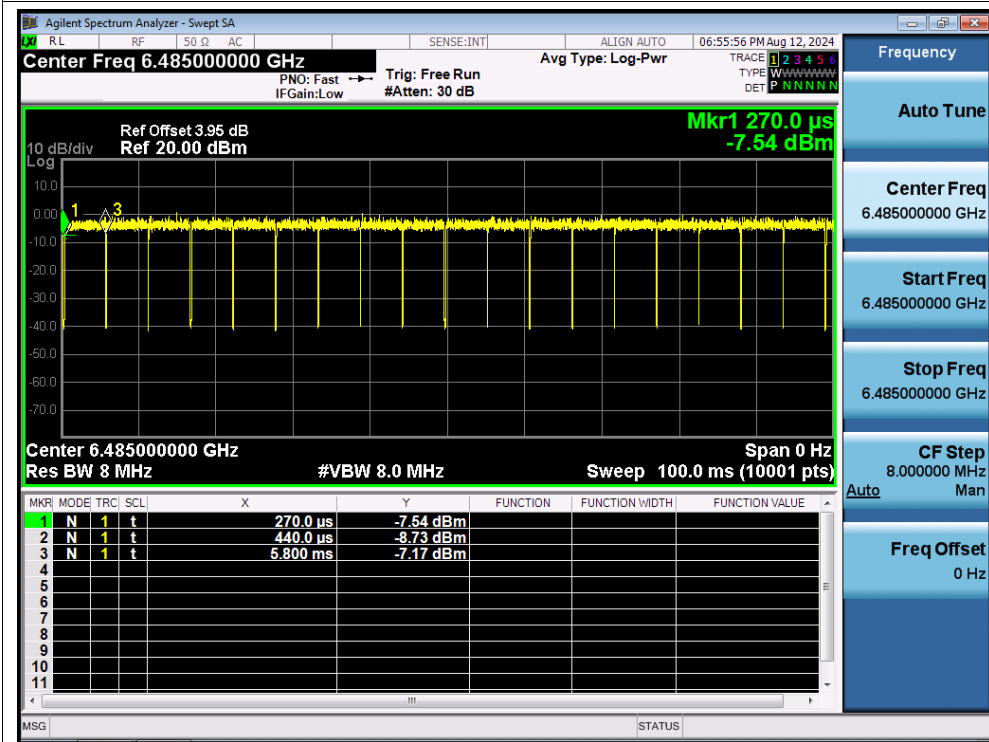
Duty Cycle NVNT ax40 6405MHz Sum



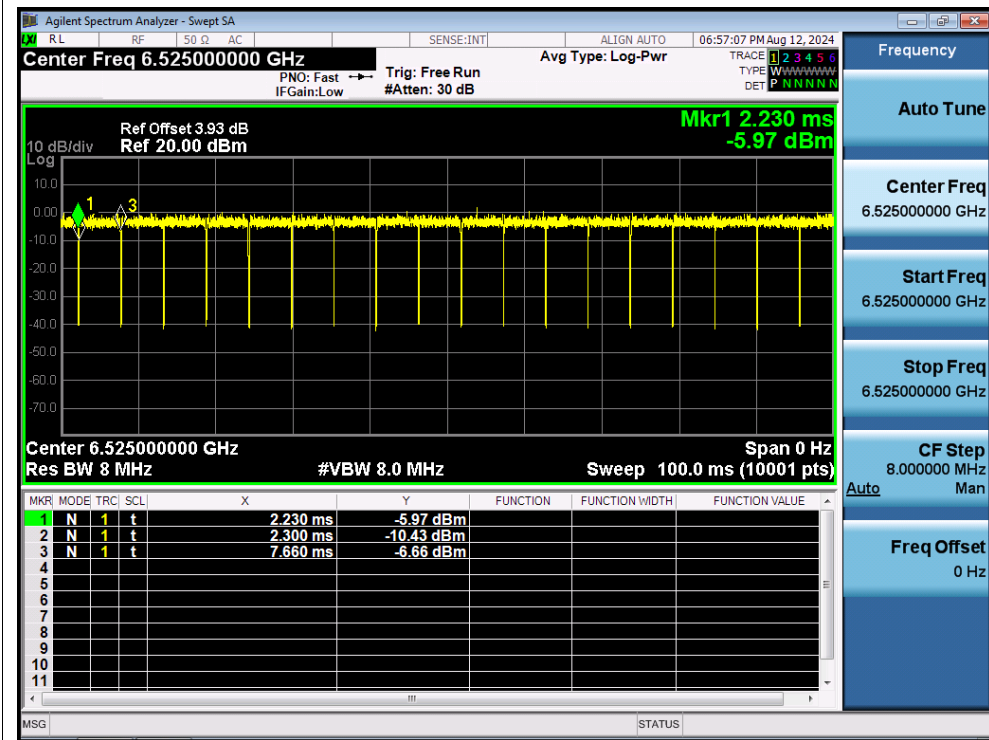
Duty Cycle NVNT ax40 6445MHz Sum



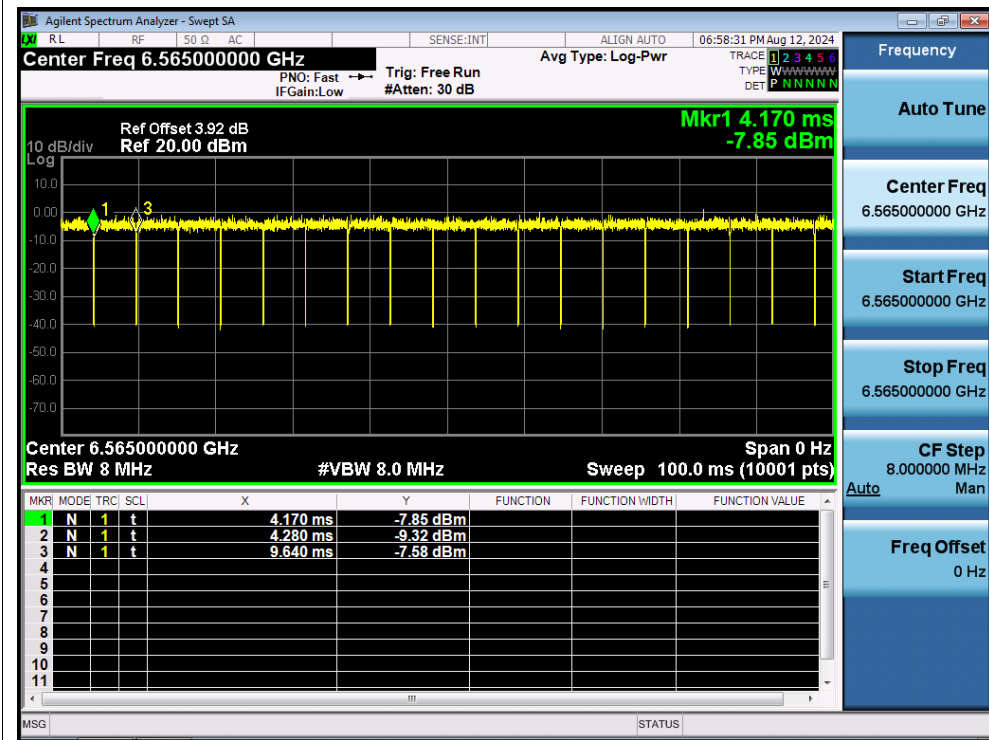
Duty Cycle NVNT ax40 6485MHz Sum



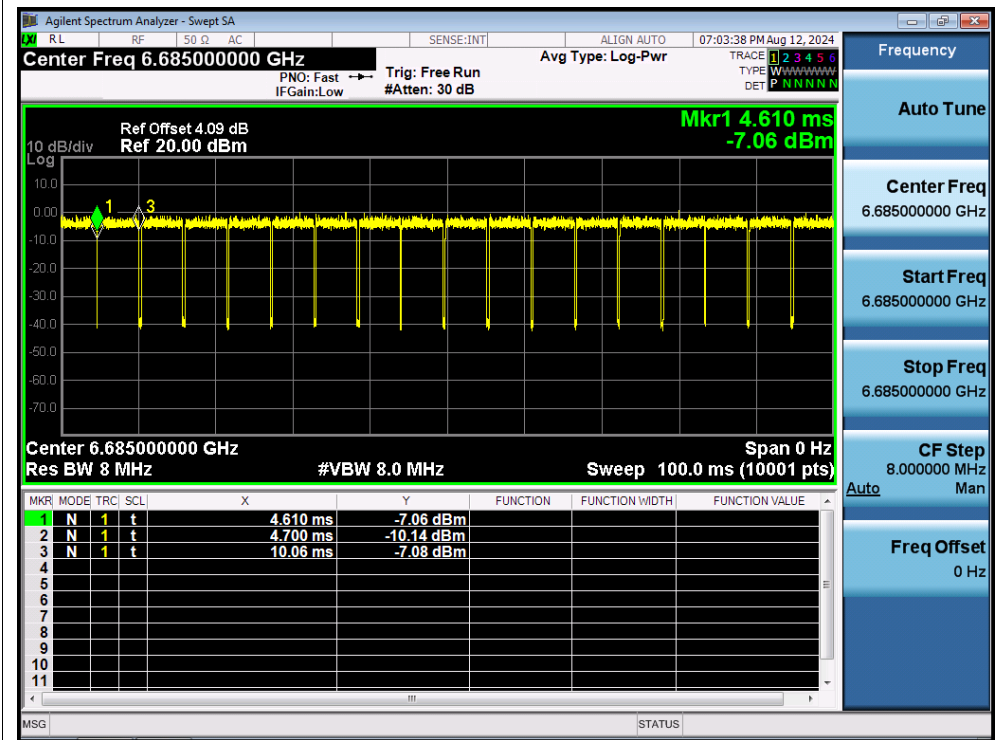
Duty Cycle NVNT ax40 6525MHz Sum



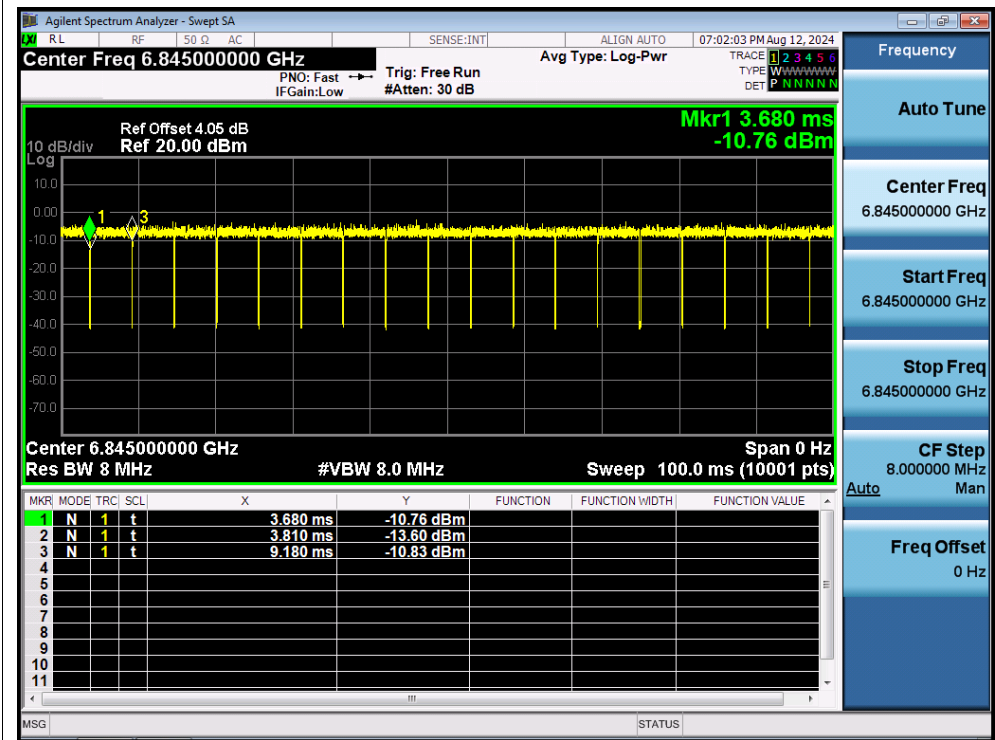
Duty Cycle NVNT ax40 6565MHz Sum



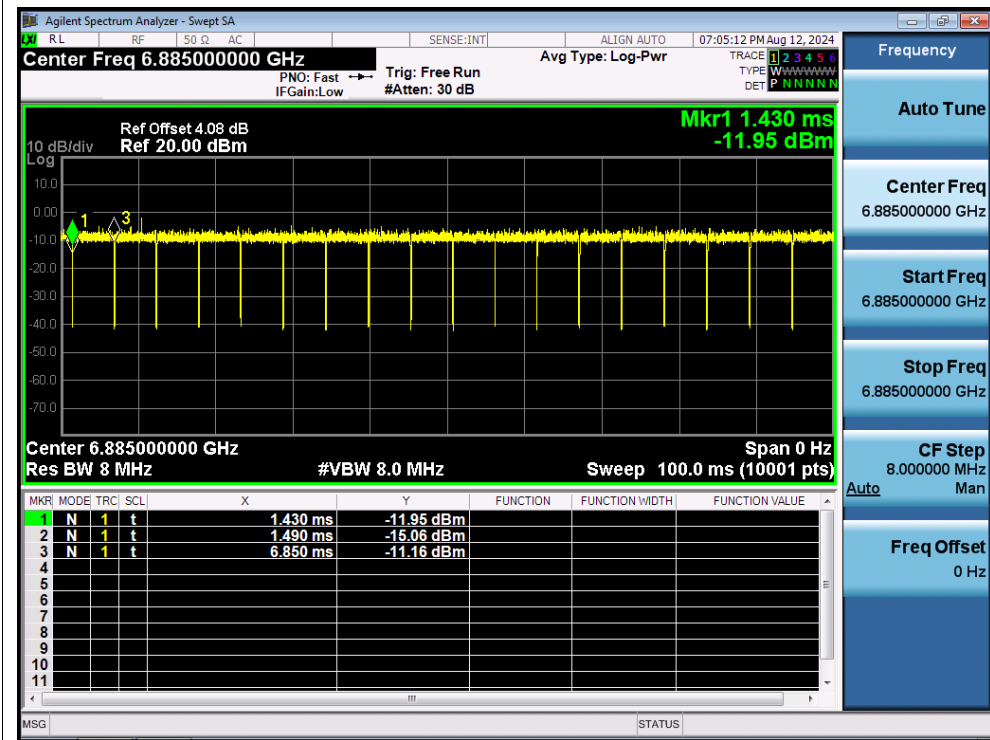
Duty Cycle NVNT ax40 6685MHz Sum



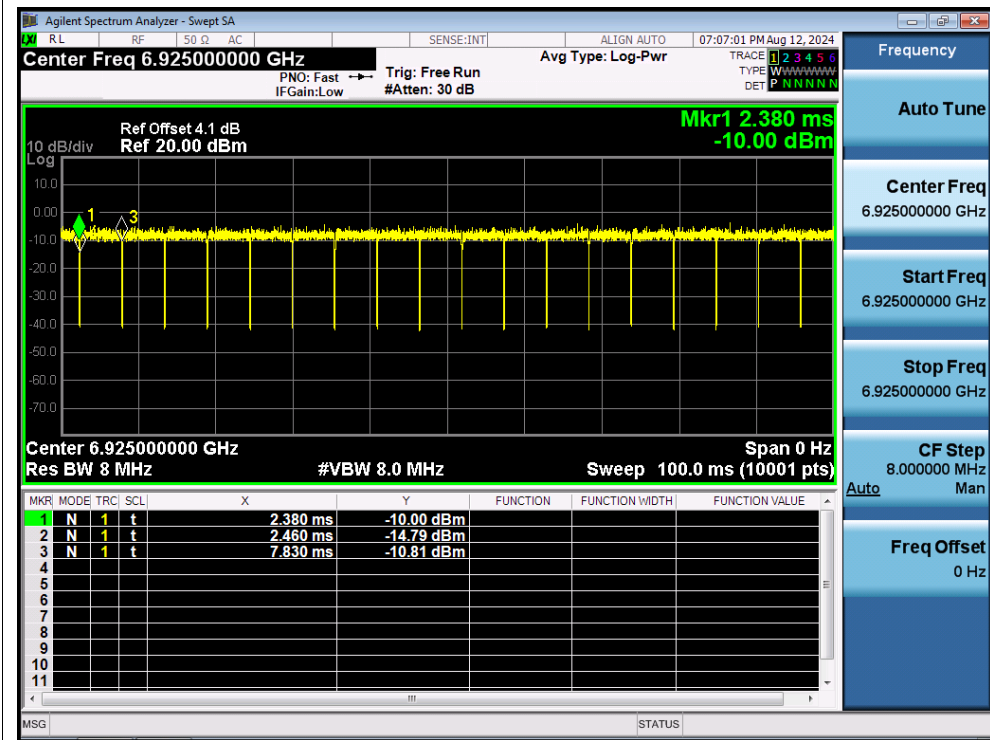
Duty Cycle NVNT ax40 6845MHz Sum



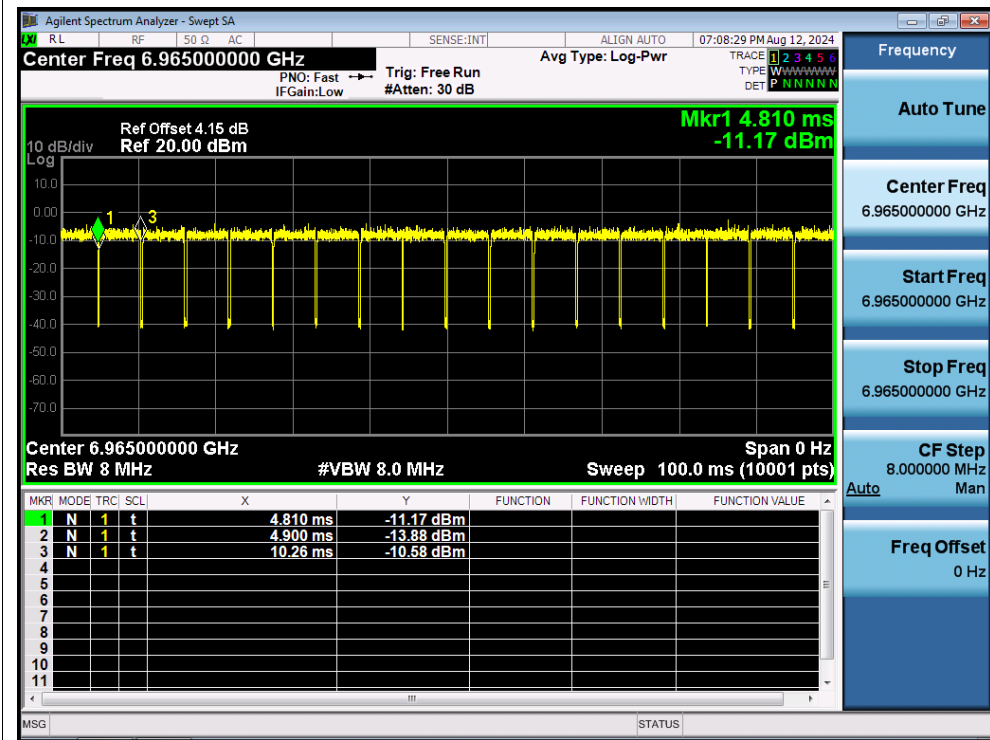
Duty Cycle NVNT ax40 6885MHz Sum



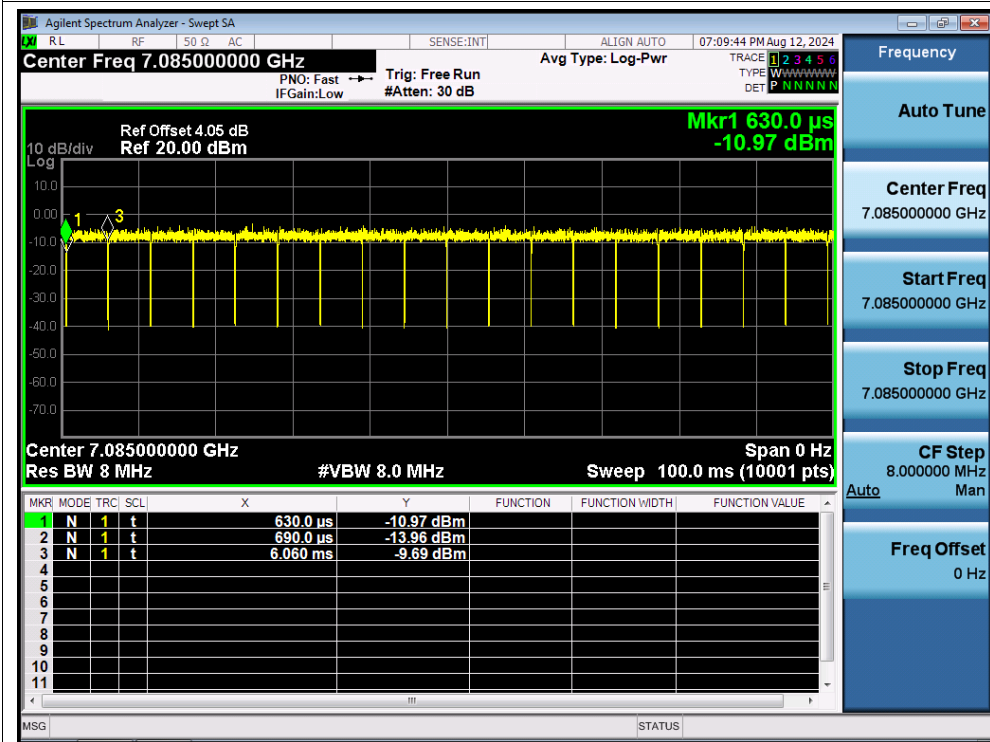
Duty Cycle NVNT ax40 6925MHz Sum



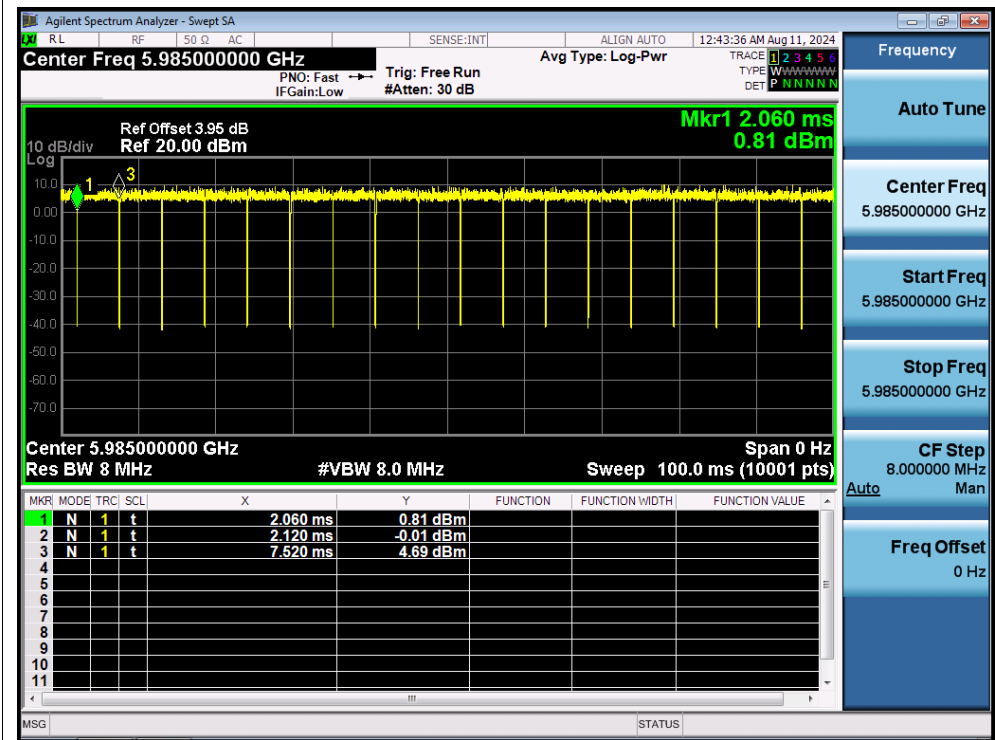
Duty Cycle NVNT ax40 6965MHz Sum



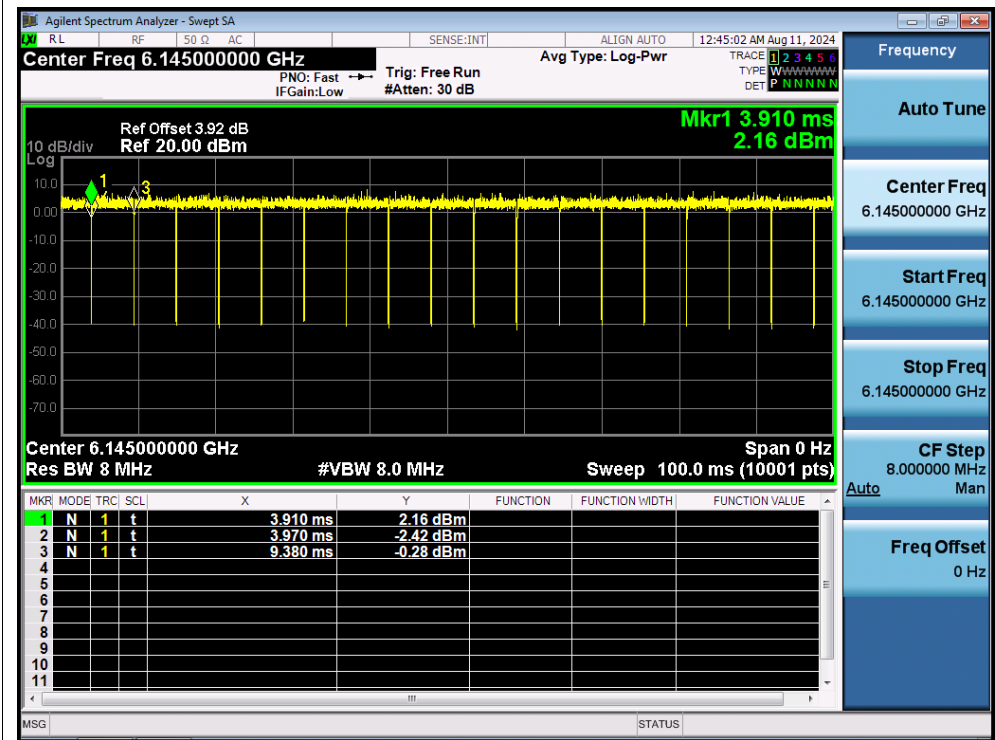
Duty Cycle NVNT ax40 7085MHz Sum



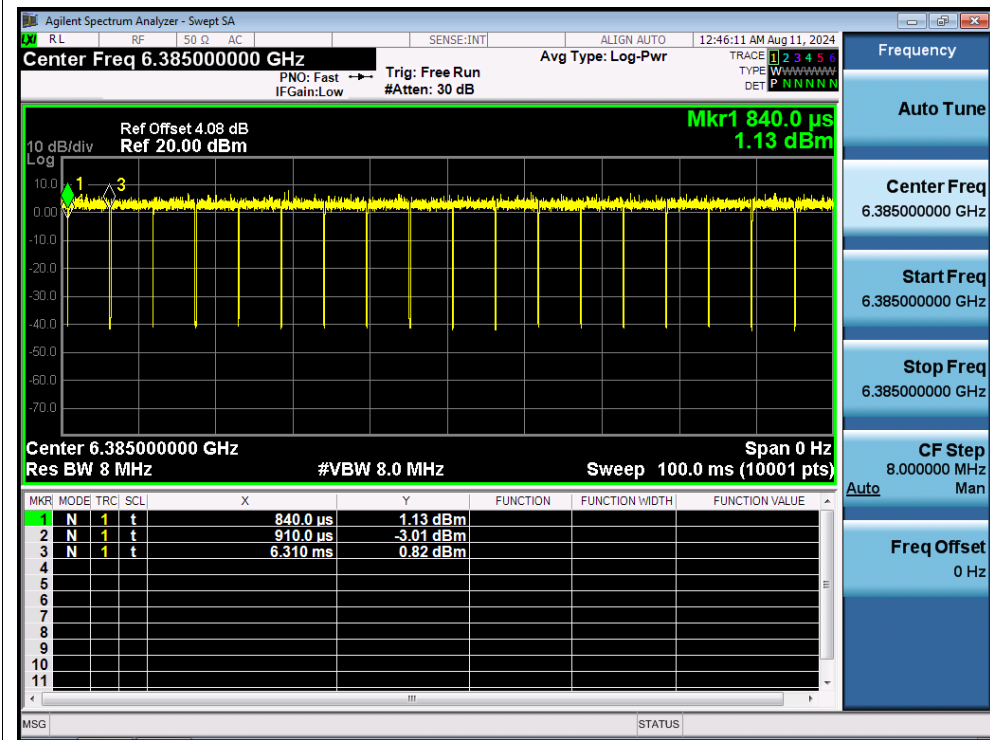
Duty Cycle NVNT ax80 5985MHz Ant1



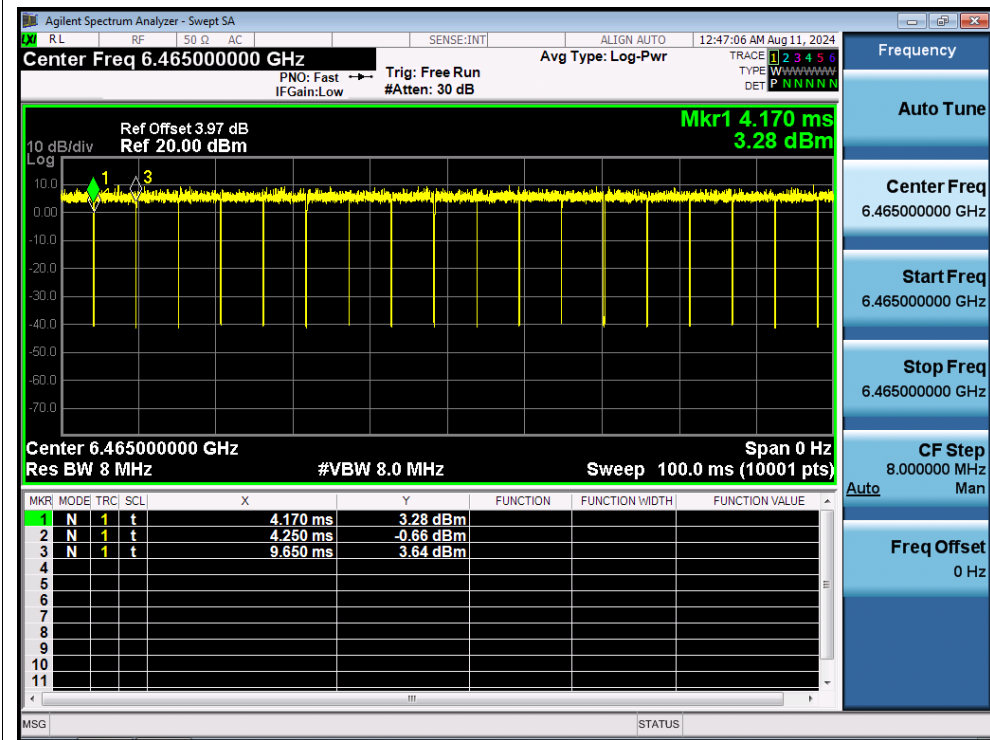
Duty Cycle NVNT ax80 6145MHz Ant1



Duty Cycle NVNT ax80 6385MHz Ant1



Duty Cycle NVNT ax80 6465MHz Ant1



Duty Cycle NVNT ax80 6545MHz Ant1

The screenshot displays an Agilent Spectrum Analyzer interface. The main plot shows a spectrum with a yellow trace. A green marker is placed at 2.350 ms, 5.00 dBm. The plot is titled 'Center Freq 6.545000000 GHz'. The y-axis is labeled '10 dB/div Log' and ranges from -70.0 to 10.0. The x-axis is labeled 'Sweep 100.0 ms (10001 pts)'. The plot is titled 'Center 6.545000000 GHz' and 'Res BW 8 MHz'. The plot is titled 'Span 0 Hz'.

Key parameters and settings visible in the interface include:

- Center Freq:** 6.545000000 GHz
- Ref Offset:** 3.92 dB
- Ref:** 20.00 dBm
- Mkr1:** 2.350 ms, 5.00 dBm
- Span:** 0 Hz
- Res BW:** 8 MHz
- #VBW:** 8.0 MHz
- Sweep:** 100.0 ms (10001 pts)
- Trig:** Free Run
- #Atten:** 30 dB
- PNO:** Fast
- IFGain:** Low
- Align:** AUTO
- 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

The table below shows the measurement data for the markers:

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	2.350 ms	5.00 dBm			
2	N	1	t	2.530 ms	0.79 dBm			
3	N	1	t	7.930 ms	5.52 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Additional information visible in the interface includes:

- Frequency:** Auto Tune
- Center Freq:** 6.545000000 GHz
- Start Freq:** 6.545000000 GHz
- Stop Freq:** 6.545000000 GHz
- CF Step:** 8.000000 MHz
- Man:** Auto
- Freq Offset:** 0 Hz

Duty Cycle NVNT ax80 6625MHz Ant1

The screenshot displays the Agilent Spectrum Analyzer - Sweep SA interface. The main plot shows a frequency spectrum with a yellow trace. Two markers are visible: Marker 1 at 4.750 ms and Marker 2 at 4.910 ms. The plot has a resolution bandwidth (Res BW) of 8 MHz and a sweep width of 100.0 ms. The center frequency is 6.625000000 GHz.

Center Freq 6.625000000 GHz

Mkr1 4.750 ms
4.64 dBm

Ref Offset 3.97 dB
Ref 20.00 dBm

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

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	4.750 ms	4.64 dBm			
2	N	1	t	4.910 ms	3.00 dBm			
3	N	1	t	10.31 ms	5.79 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency
Auto Tune
Center Freq 6.625000000 GHz
Start Freq 6.625000000 GHz
Stop Freq 6.625000000 GHz
CF Step 8.000000 MHz
Man
Freq Offset 0 Hz

The screenshot shows an Agilent Spectrum Analyzer interface. The main display is a log-log plot of power spectral density. The center frequency is 6.705000000 GHz. A yellow signal is visible, with a peak at 1.940 MHz. The peak is labeled 'Mkr1 1.940 MHz 5.32 dBm'. The plot has a resolution bandwidth of 8 MHz and a span of 0 Hz. The vertical axis is labeled '10 dB/div Log' and ranges from -70 to 10 dBm. The horizontal axis is labeled 'Center Freq 6.705000000 GHz' and ranges from 6.704 to 6.706 GHz. The interface includes various control buttons and a table of markers.

Mkr	Mode	Trc	SCL	X	Y	Function	Function Width	Function Value
1	N	1	t	1.940 ms	5.32 dBm			
2	N	1	t	2.090 ms	1.46 dBm			
3	N	1	t	7.500 ms	3.76 dBm			

Agilent Spectrum Analyzer - Swept SA

Center Freq 6.78500000 GHz

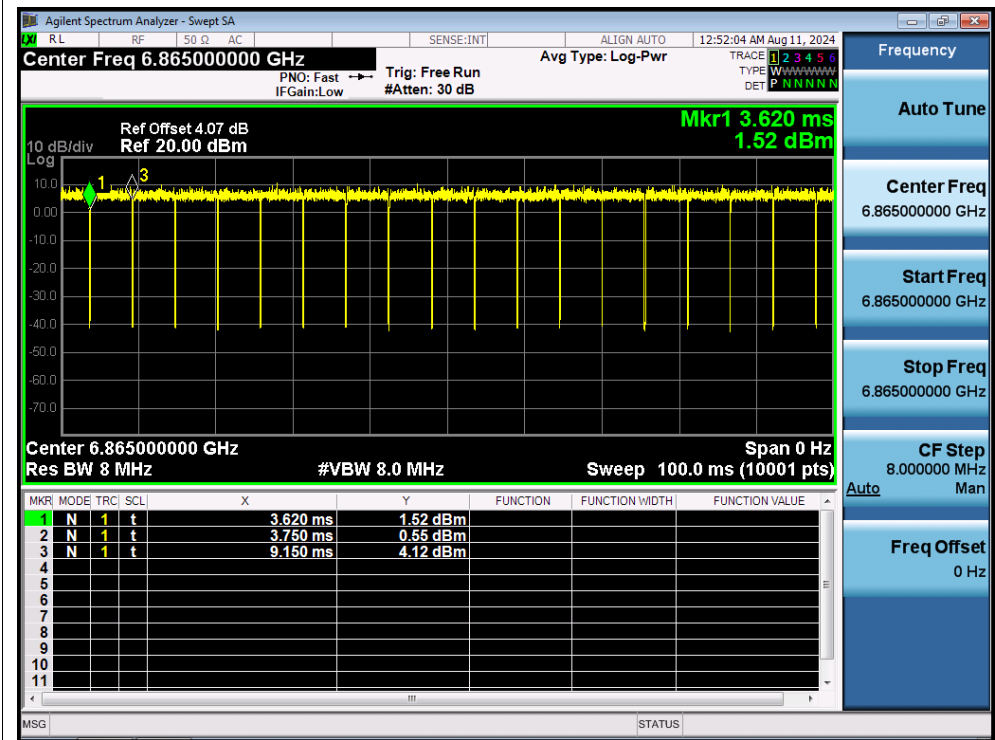
Ref Offset 4.04 dB
Ref 20.00 dBm

Mkr1 2.480 ms
-16.91 dBm

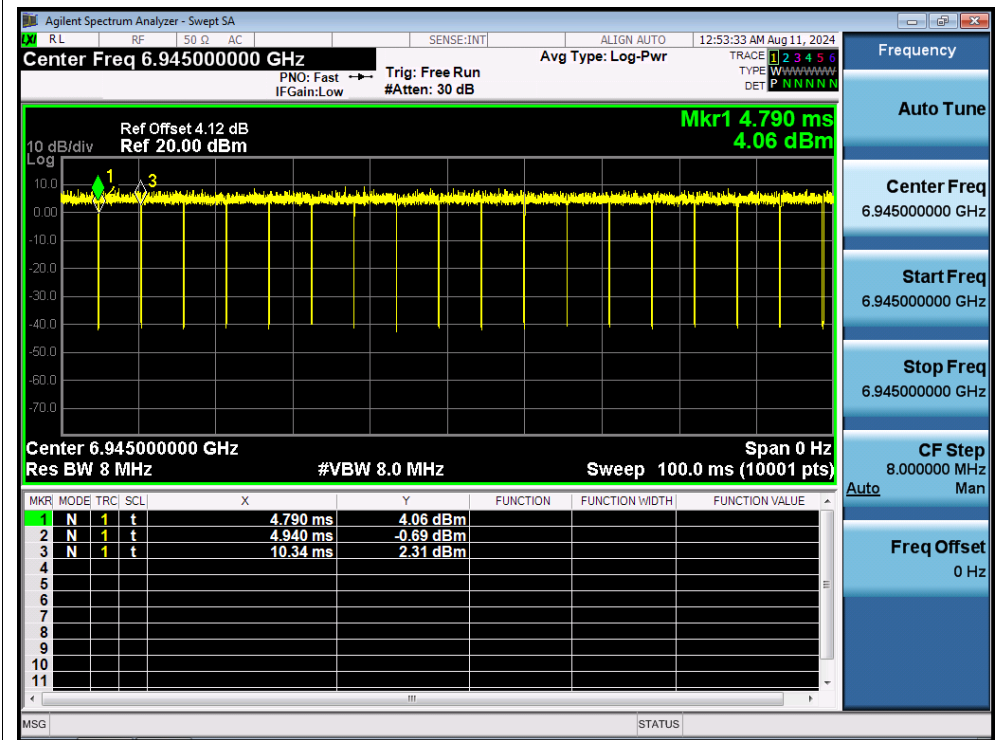
Center Freq 6.78500000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Span 0 Hz
Sweep 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	2.480 ms	-16.91 dBm			
2	N	1	t	2.610 ms	-0.83 dBm			
3	N	1	t	8.010 ms	3.94 dBm			

Duty Cycle NVNT ax80 6865MHz Ant1



Duty Cycle NVNT ax80 6945MHz Ant1



Duty Cycle NVent ax80 7025MHz Ant1

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 12:54:31 AM Aug 11, 2024

Center Freq 7.025000000 GHz Avg Type: Log-Pwr

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

Ref Offset 4.15 dB
Ref 20.00 dBm

**Mkr1 250.0 μs
4.18 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	250.0 μs	4.18 dBm			
2	N	1	t	320.0 μs	-0.63 dBm			
3	N	1	t	5.720 ms	3.79 dBm			
4								
5								
6								
7								
8								
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 Ant2

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.985000000 GHz

Ref Offset 3.89 dB
Ref 20.00 dBm

Mkr1 2.550 ms
6.67 dBm

Center Freq 5.985000000 GHz

Res BW 8 MHz

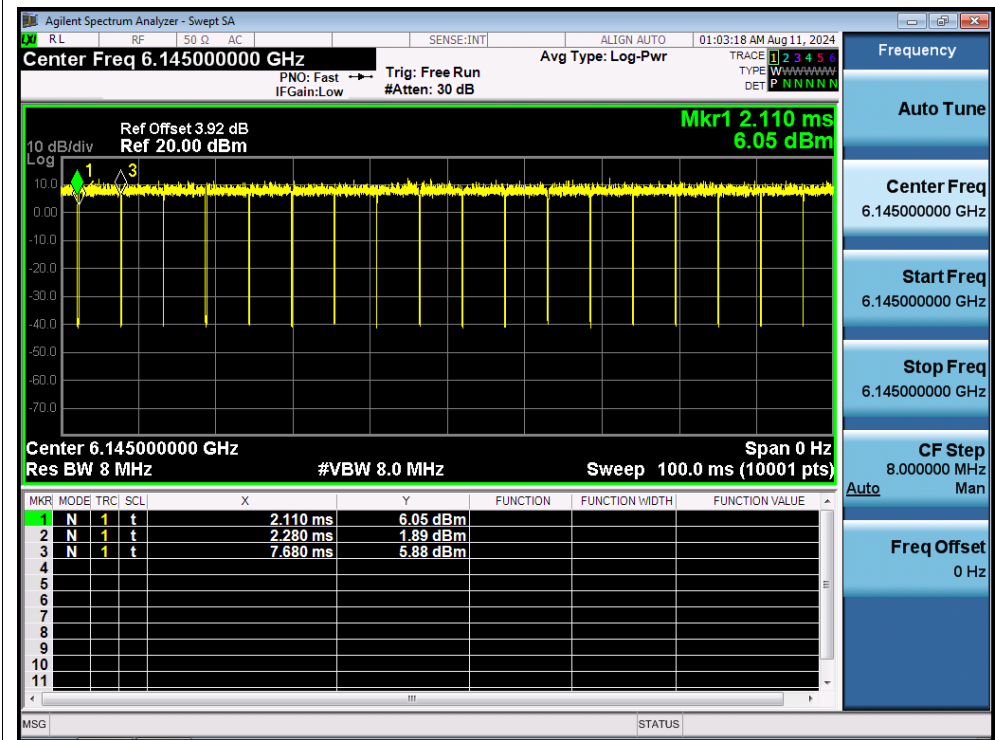
#VBW 8.0 MHz

Span 0 Hz

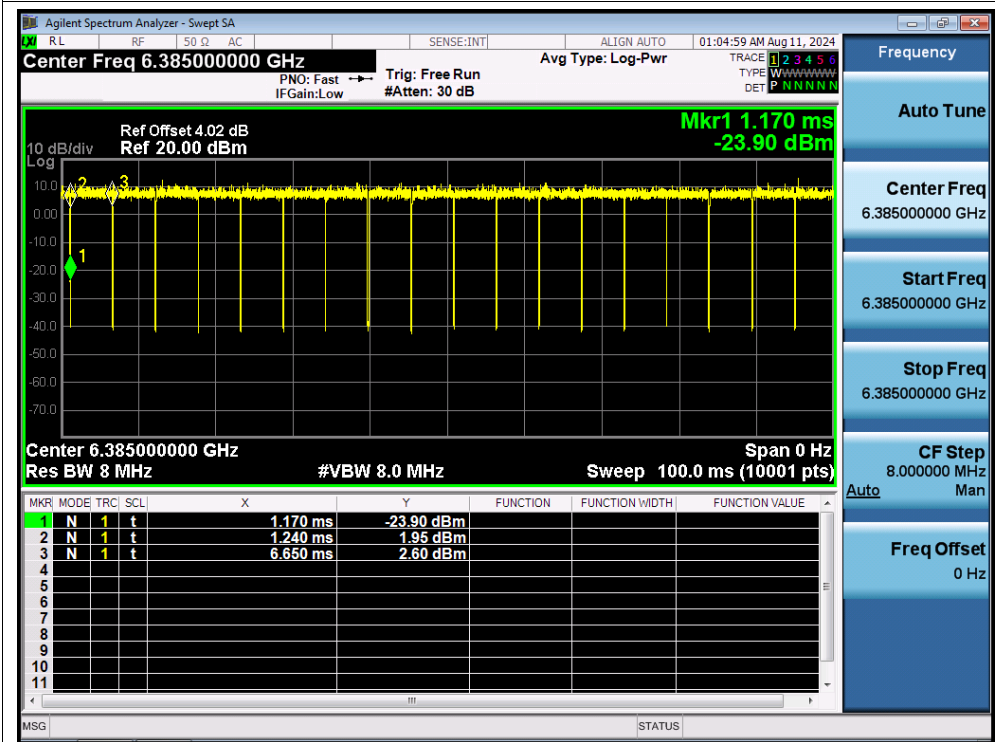
Sweep 100.0 ms (10001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	2.550 ms	6.67 dBm			
2	N	1	t	2.630 ms	3.28 dBm			
3	N	1	t	8.030 ms	6.46 dBm			

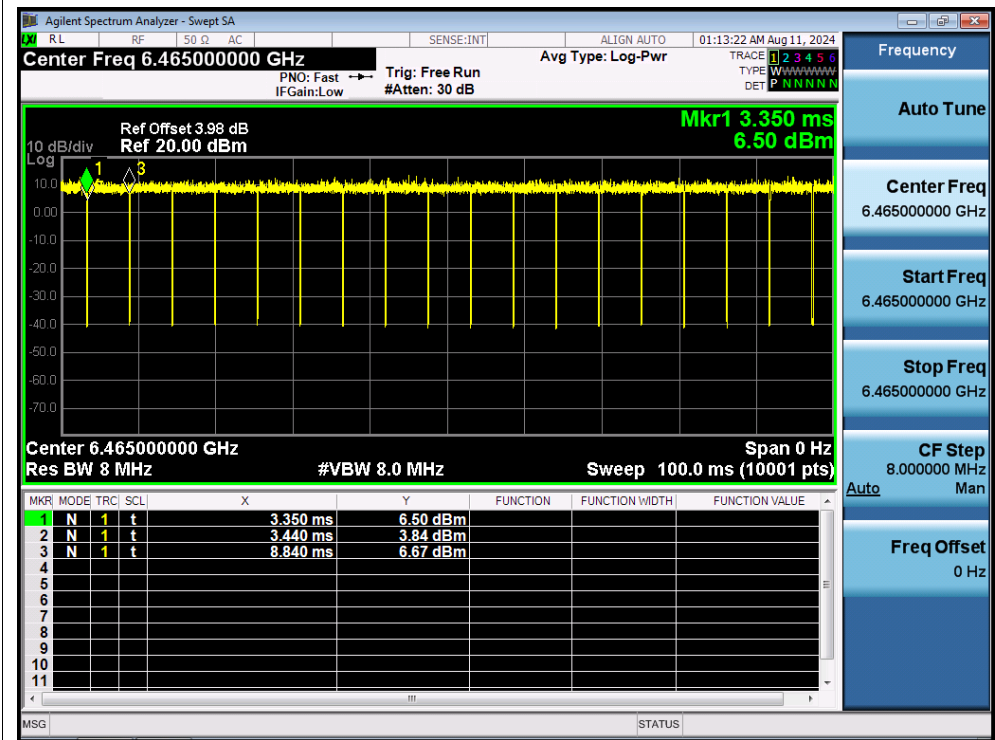
Duty Cycle NVNT ax80 6145MHz Ant2



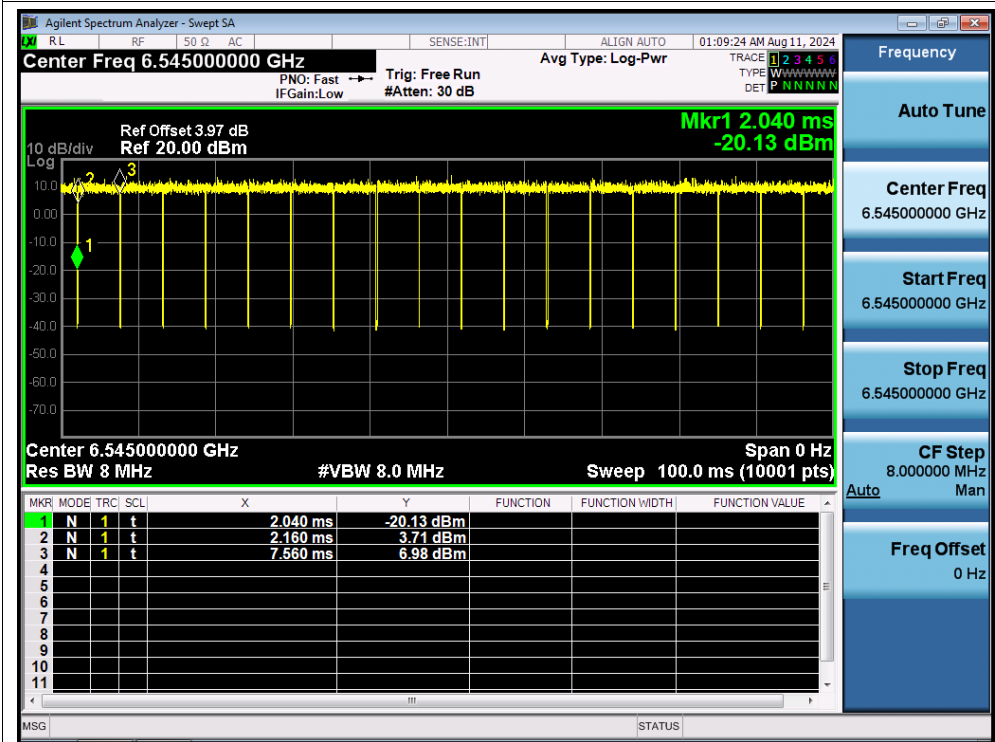
Duty Cycle NVNT ax80 6385MHz Ant2



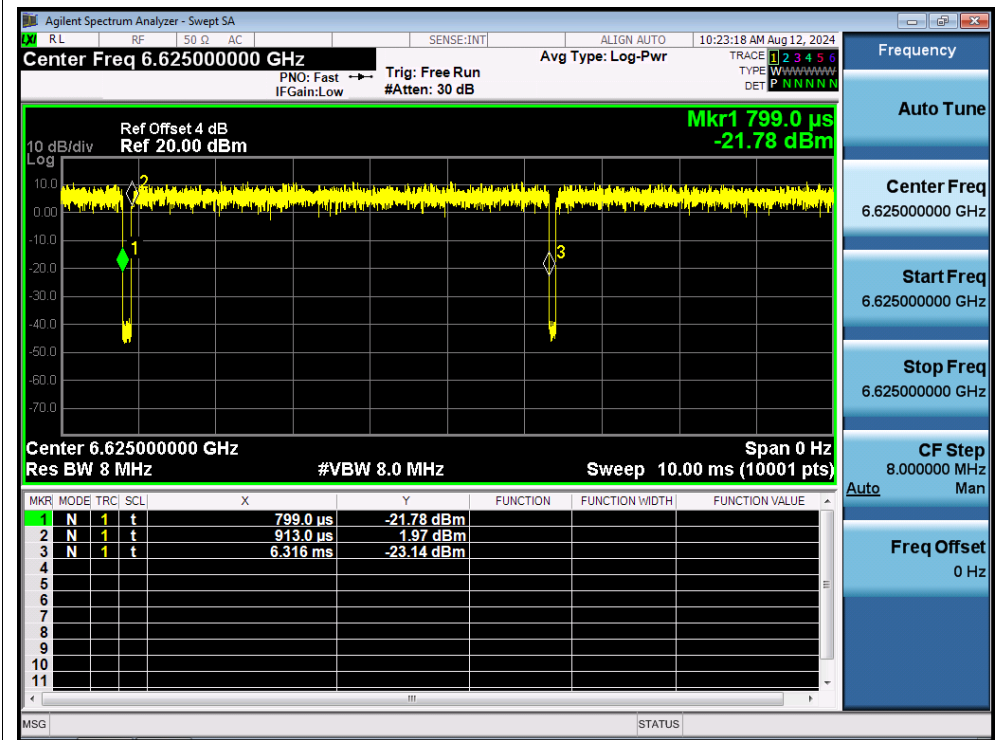
Duty Cycle NVNT ax80 6465MHz Ant2



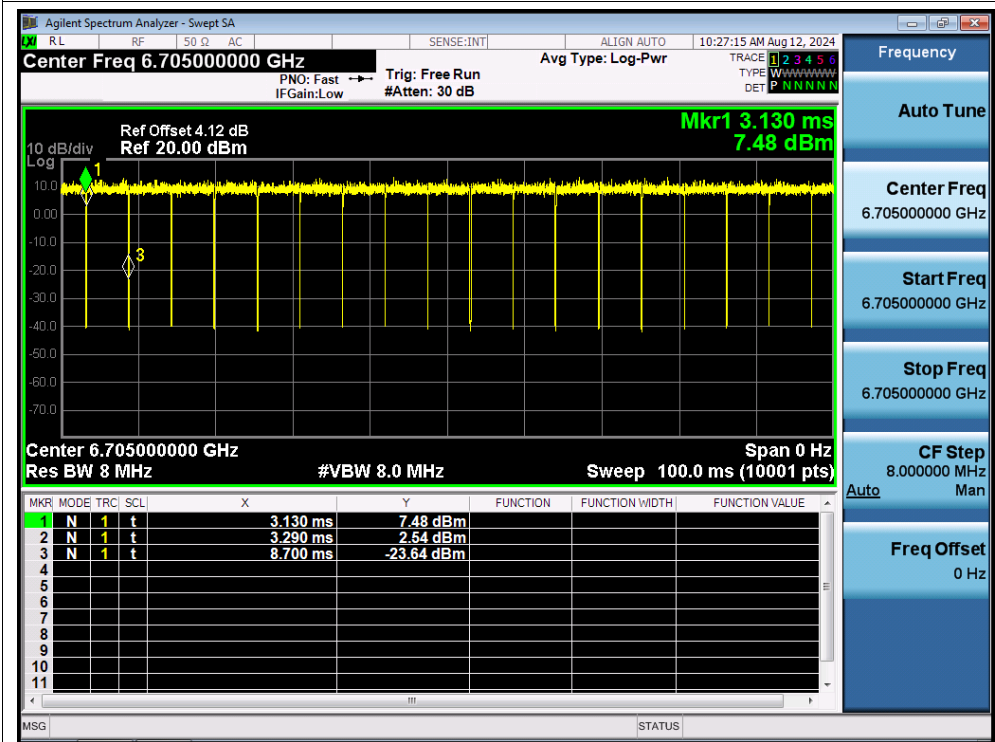
Duty Cycle NVNT ax80 6545MHz Ant2



Duty Cycle NVNT ax80 6625MHz Ant2



Duty Cycle NVNT ax80 6705MHz Ant2



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:34:35 AM Aug 12, 2024

Center Freq 6.785000000 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
DET P N N N N N

Ref Offset 4.05 dB
Ref 20.00 dBm

Mkr1 5.140 ms
6.30 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	5.140 ms	6.30 dBm			
2	N	1	t	5.200 ms	-2.05 dBm			
3	N	1	t	10.61 ms	6.04 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 NVNT ax80 6865MHz Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:37:20 AM Aug 12, 2024

Center Freq 6.865000000 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

Ref Offset 4.17 dB
Ref 20.00 dBm

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

Mkr1 3.200 ms
6.36 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	3.200 ms	6.36 dBm			
2	N	1	t	3.310 ms	2.40 dBm			
3	N	1	t	8.720 ms	6.21 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.865000000 GHz

Start Freq
6.865000000 GHz

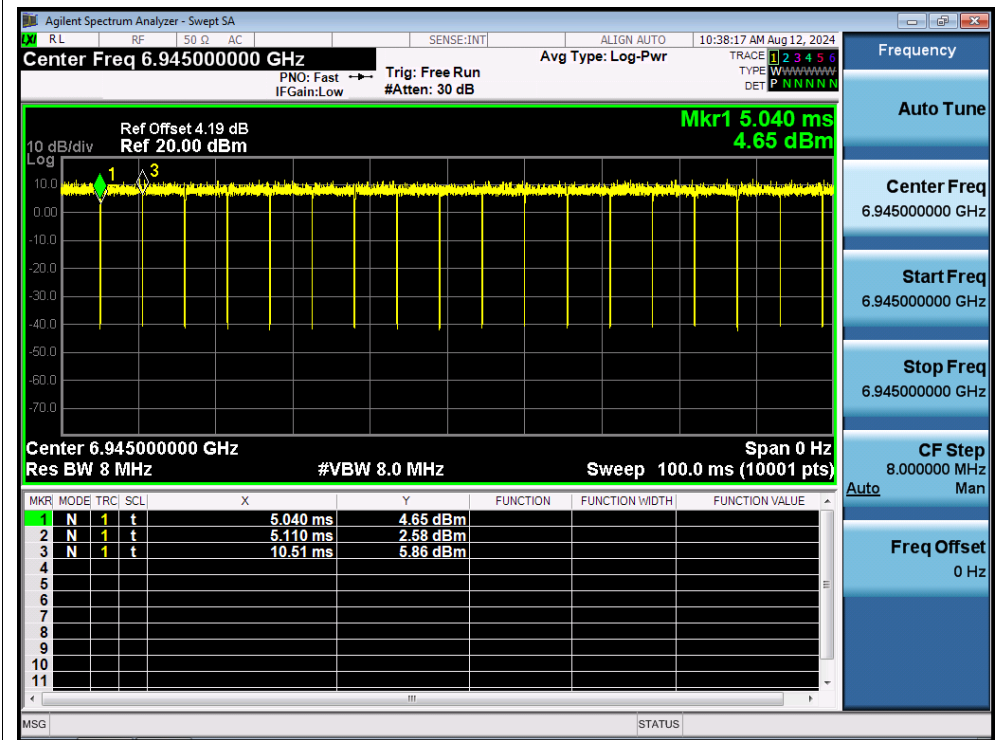
Stop Freq
6.865000000 GHz

CF Step
8.000000 MHz
Man

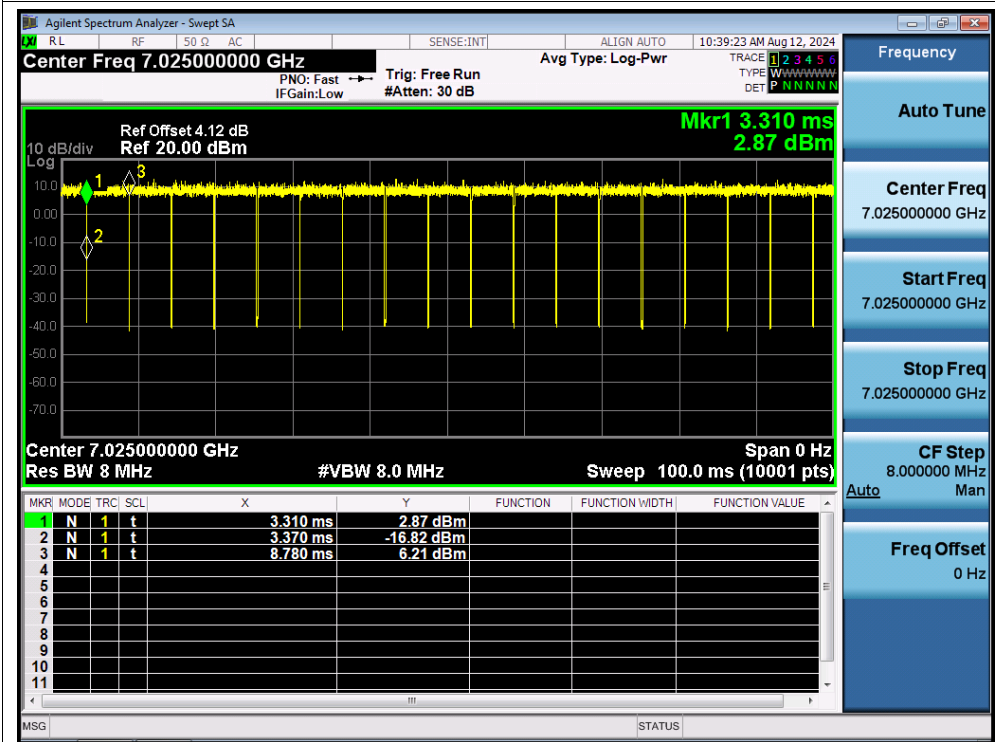
Auto

Freq Offset
0 Hz

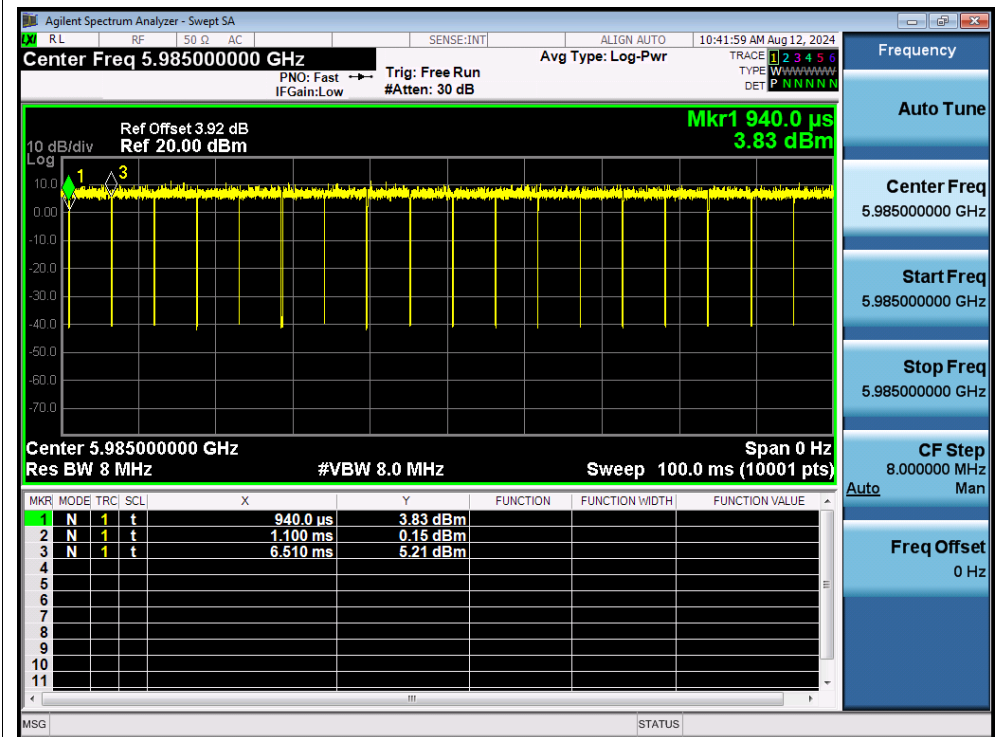
Duty Cycle NVNT ax80 6945MHz Ant2



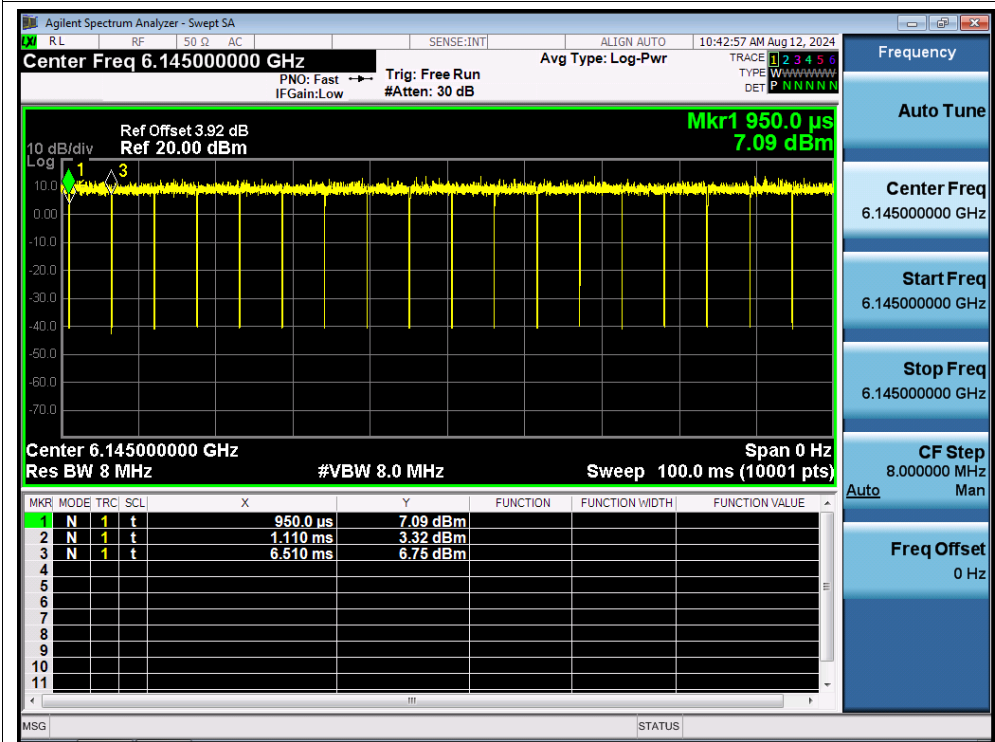
Duty Cycle NVNT ax80 7025MHz Ant2



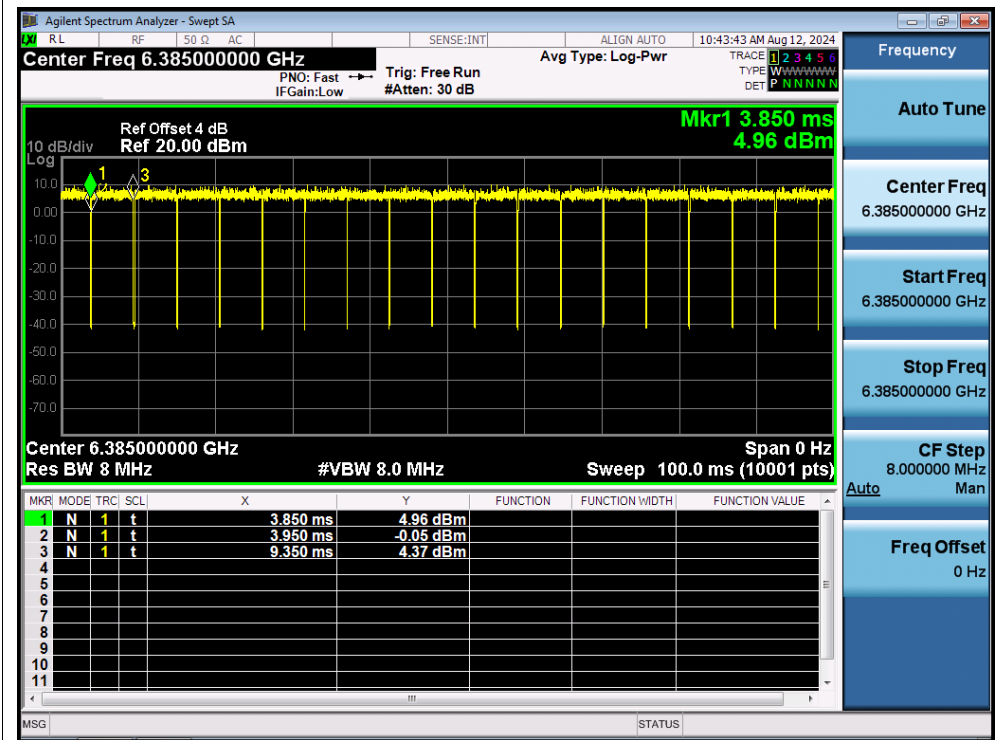
Duty Cycle NVNT ax80 5985MHz Ant3



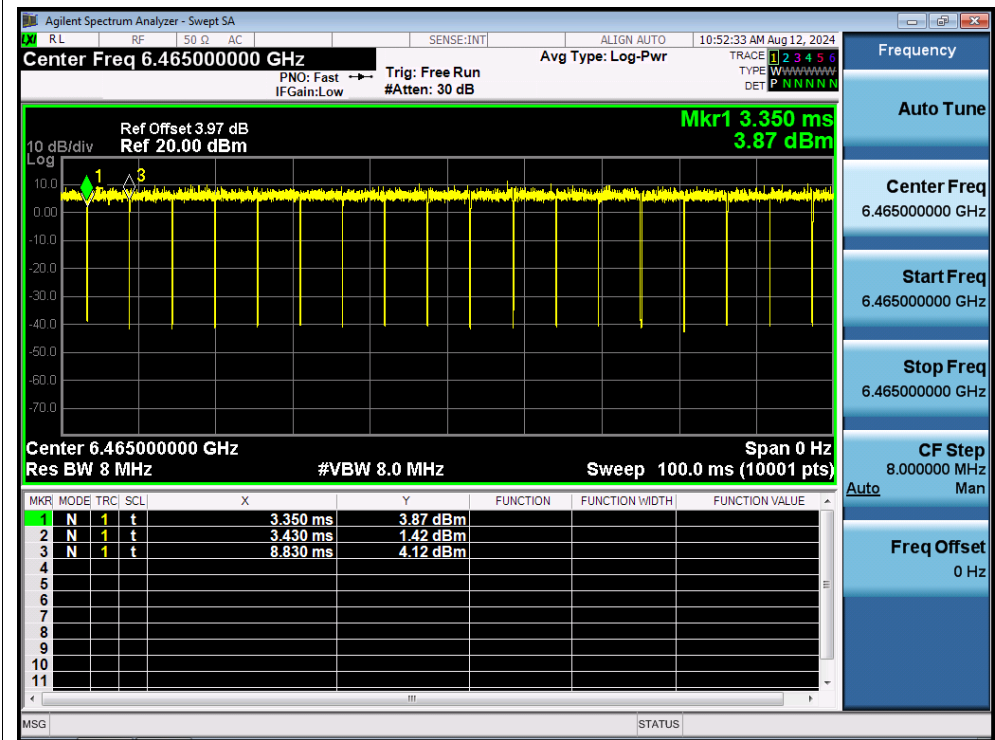
Duty Cycle NVNT ax80 6145MHz Ant3



Duty Cycle NVNT ax80 6385MHz Ant3



Duty Cycle NVNT ax80 6465MHz Ant3



Duty Cycle NVNT ax80 6545MHz Ant3

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:53:55 AM Aug 12, 2024

Center Freq 6.545000000 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 3.96 dB
Ref 20.00 dBm

Mkr1 1.510 ms
4.08 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	1.510 ms	4.08 dBm			
2	N	1	t	1.610 ms	-0.11 dBm			
3	N	1	t	7.010 ms	4.49 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.545000000 GHz

Start Freq
6.545000000 GHz

Stop Freq
6.545000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz

Duty Cycle NVNT ax80 6625MHz Ant3

Agilent Spectrum Analyzer - Sweep SA

Center Freq 6.625000000 GHz

Ref Offset 3.96 dB
Ref 20.00 dBm

10 dB/div
Log

Mkr1 4.950 ms
6.42 dBm

Center 6.625000000 GHz
Res BW 8 MHz
Span 0 Hz

#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	4.950 ms	6.42 dBm			
2	N	1	t	5.020 ms	4.69 dBm			
3	N	1	t	10.42 ms	7.96 dBm			

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:55:42 AM Aug 12, 2024

Center Freq 6.705000000 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 4.04 dB
Ref 20.00 dBm

Mkr1 2.650 ms
7.58 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	2.650 ms	7.58 dBm			
2	N	1	t	2.780 ms	3.64 dBm			
3	N	1	t	8.180 ms	7.72 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency 6.705000000 GHz

Auto Tune

Center Freq 6.705000000 GHz

Start Freq 6.705000000 GHz

Stop Freq 6.705000000 GHz

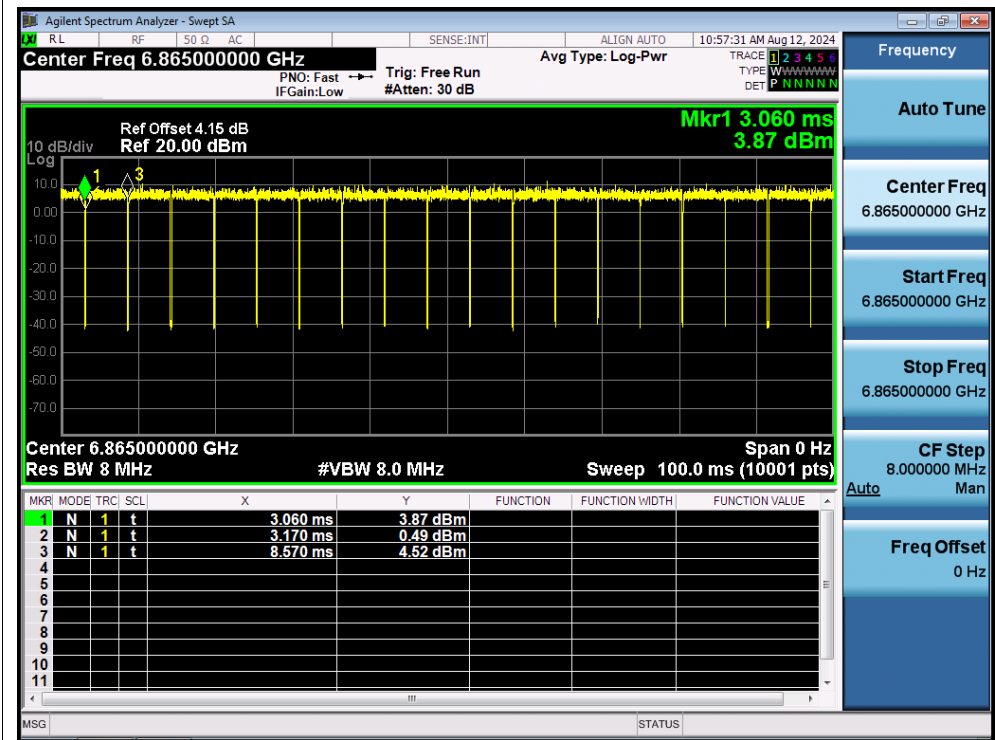
CF Step 8.000000 MHz
Man

Auto

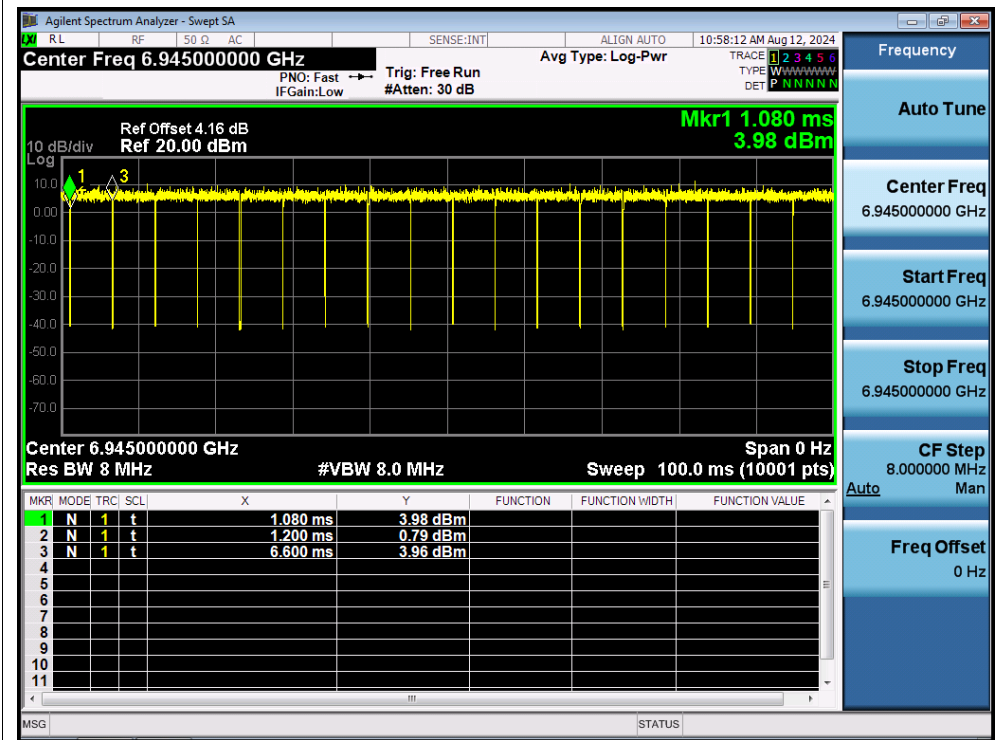
Freq Offset 0 Hz

[illegible]

Duty Cycle NVNT ax80 6865MHz Ant3



Duty Cycle NVNT ax80 6945MHz Ant3



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:58:54 AM Aug 12, 2024

Center Freq 7.025000000 GHz PNO: Fast → Trig: Free Run Avg Type: Log-Pwr TRACE 1 2 3 4 5 6
IF Gain: Low #Atten: 30 dB TYPE WWWWWW DET P N N N N N

Ref Offset 4.11 dB Mkr1 5.200 ms
Ref 20.00 dBm 6.14 dBm

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	5.200 ms	6.14 dBm			
2	N	1	t	5.370 ms	2.38 dBm			
3	N	1	t	10.77 ms	6.02 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

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

MSQ STATUS

Duty Cycle NVNT ax80 5985MHz Ant4

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.985000000 GHz

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

Avg Type: Log-Pwr

11:01:17 AM Aug 12, 2024

Ref Offset 4.02 dB
Ref 20.00 dBm

Mkr1 2.690 ms
5.51 dBm

10 dB/div
Log

Center Freq 5.985000000 GHz
Res BW 8 MHz
Span 0 Hz
#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	2.690 ms	5.51 dBm			
2	N	1	t	2.860 ms	0.26 dBm			
3	N	1	t	8.260 ms	4.27 dBm			
4								
5								
6								
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

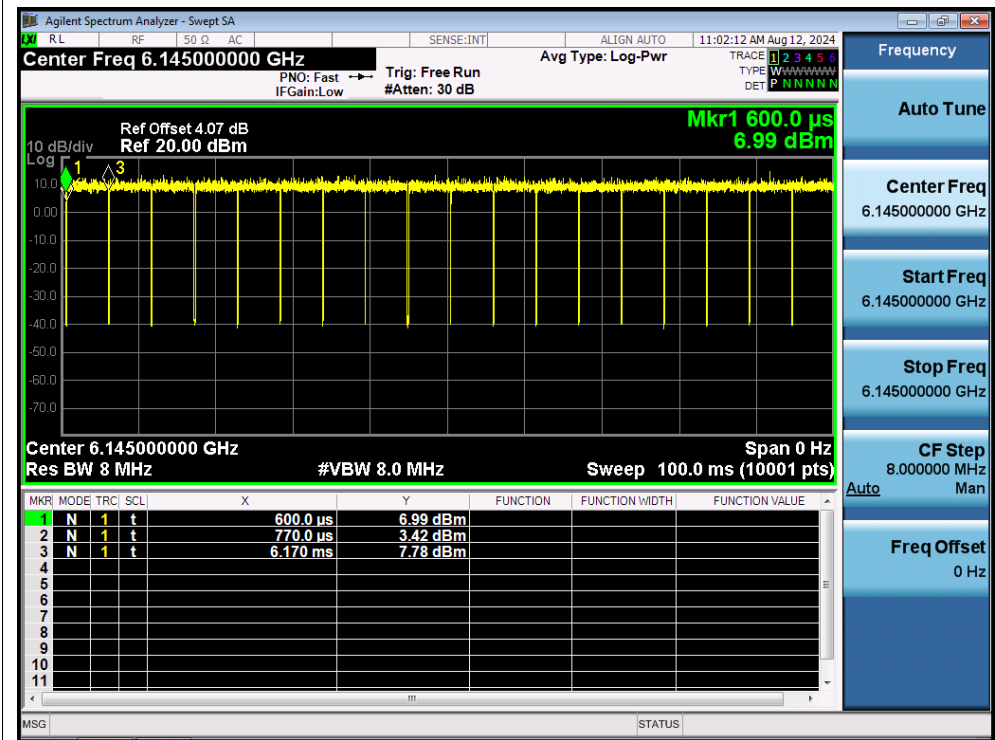
Man

Auto

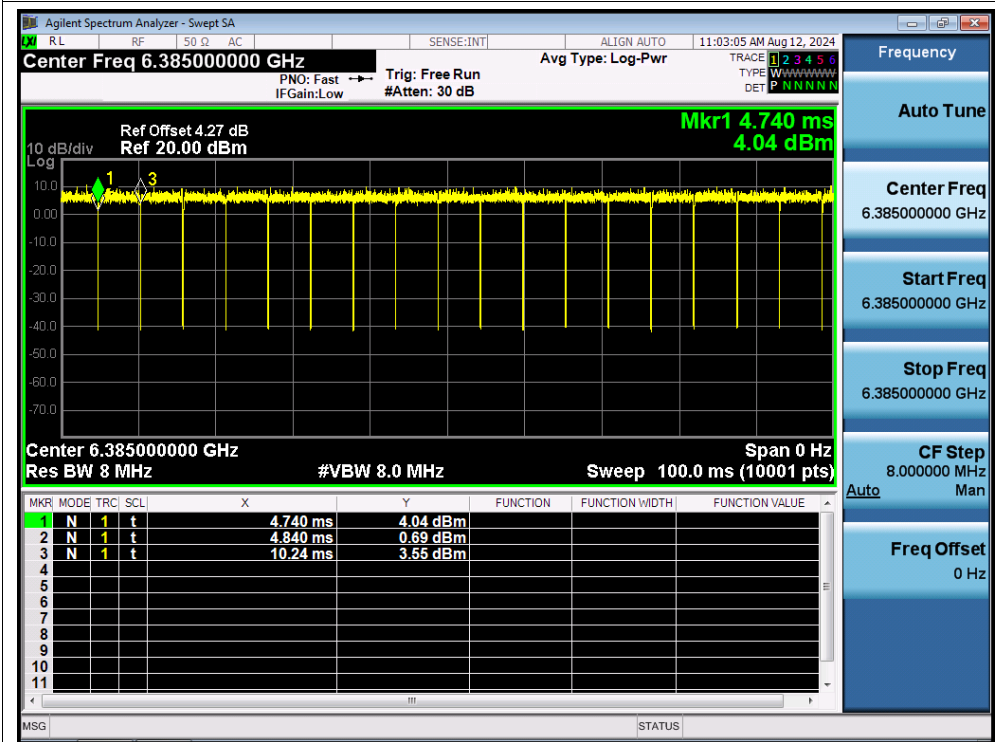
Freq Offset 0 Hz

MSG STATUS

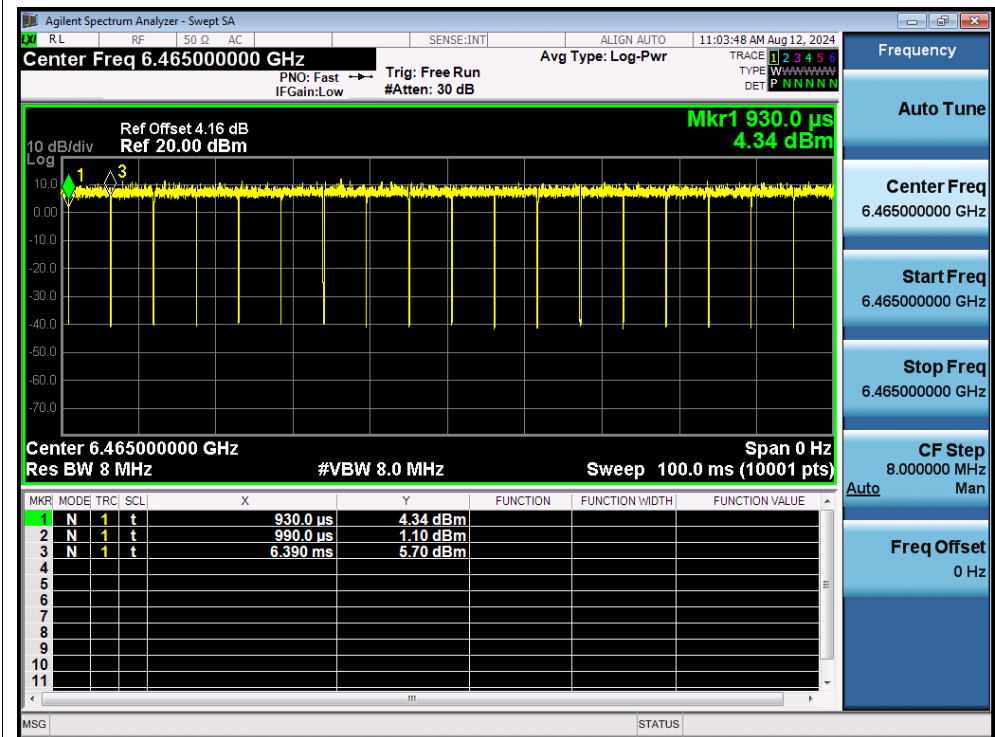
Duty Cycle NVNT ax80 6145MHz Ant4



Duty Cycle NVNT ax80 6385MHz Ant4



Duty Cycle NVNT ax80 6465MHz Ant4



Duty Cycle NVNT ax80 6545MHz Ant4

