

Duty Cycle NVNT ax80 6625MHz Ant4

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 09:15:58 PM Aug 14, 2024

Center Freq 6.625000000 GHz Avg Type: Log-Pwr

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

Ref Offset 4.1 dB
Ref 20.00 dBm

Mkr1 1.070 ms
4.53 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	1.070 ms	4.53 dBm			
2	N	1	t	1.140 ms	1.47 dBm			
3	N	1	t	6.540 ms	4.81 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

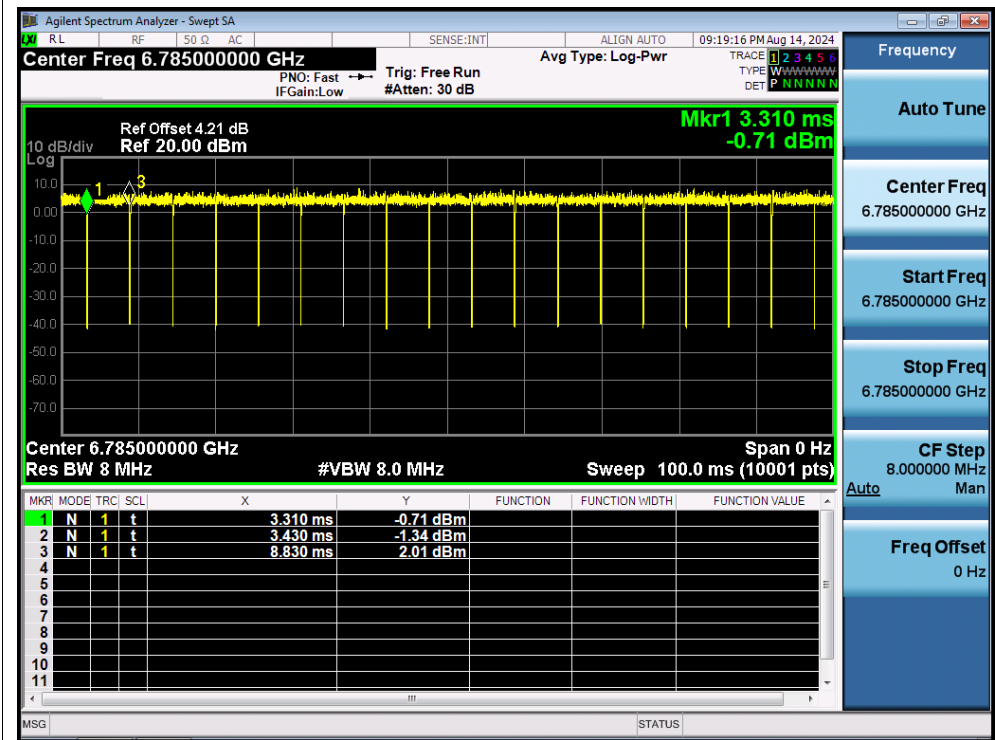
CF Step
8.000000 MHz

Freq Offset
0 Hz

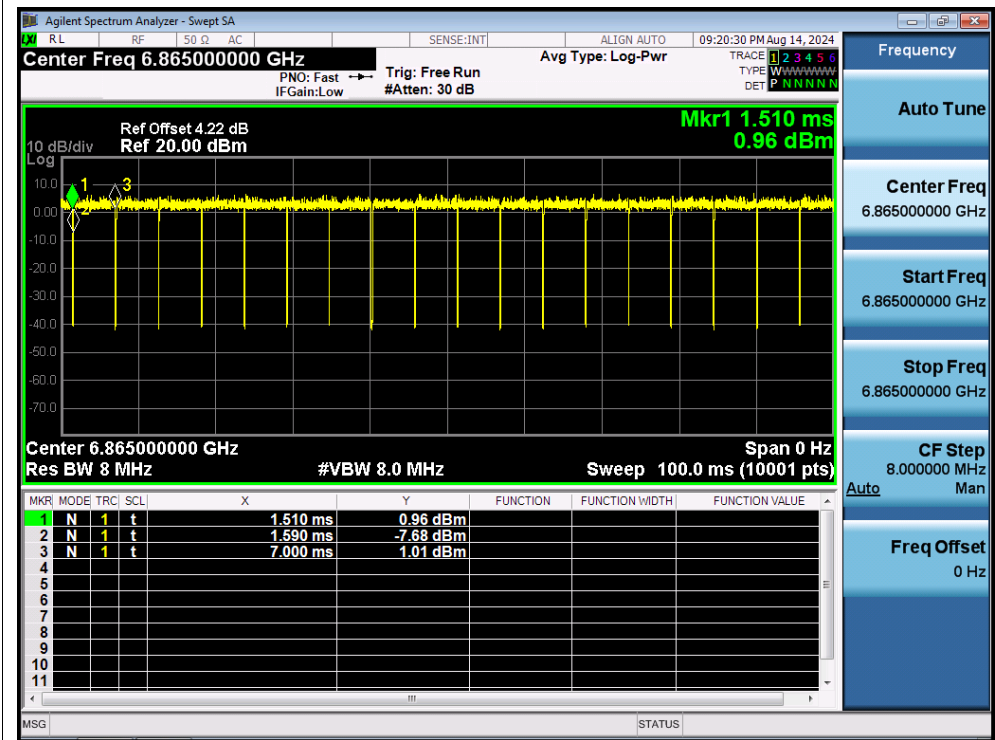
MSG STATUS

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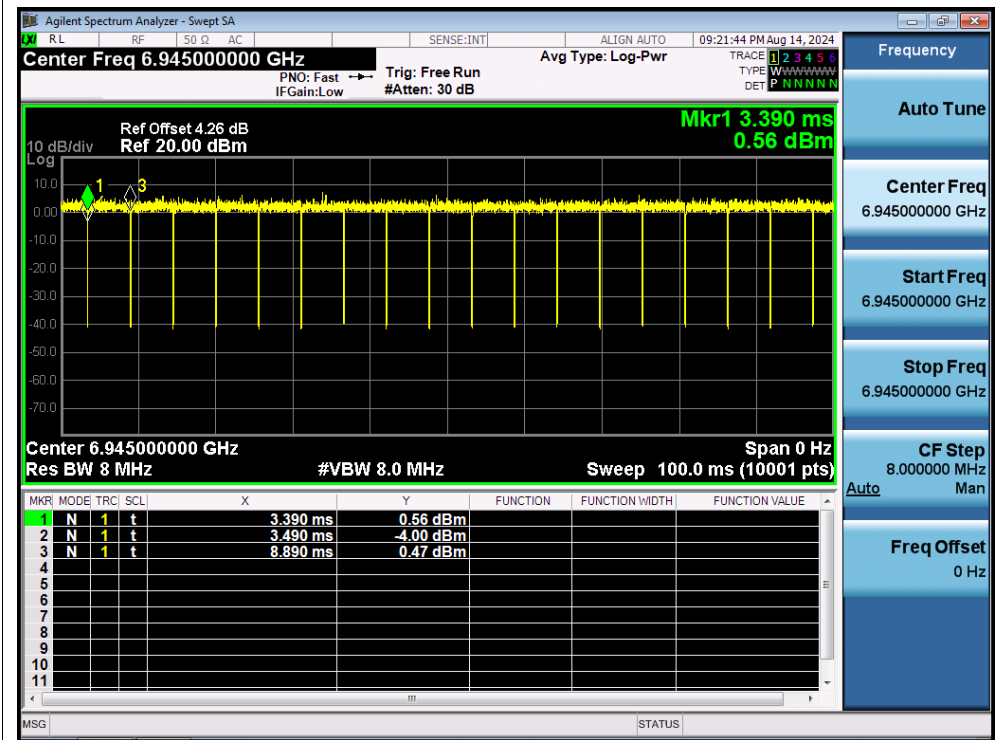
Duty Cycle NVNT ax80 6785MHz Ant4



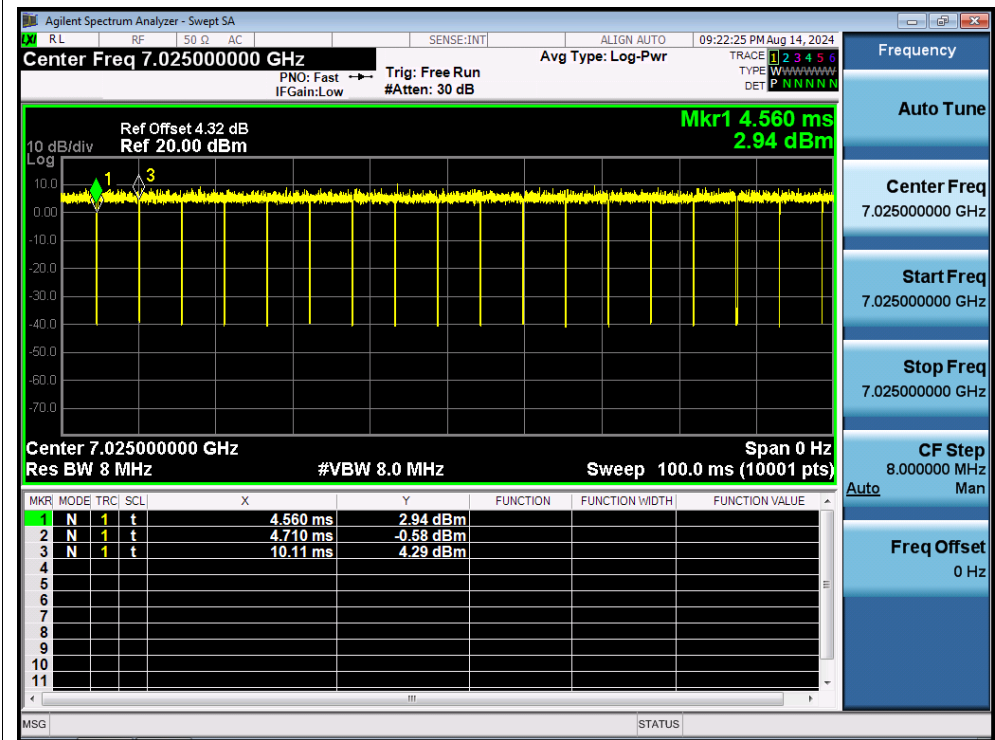
Duty Cycle NVNT ax80 6865MHz Ant4



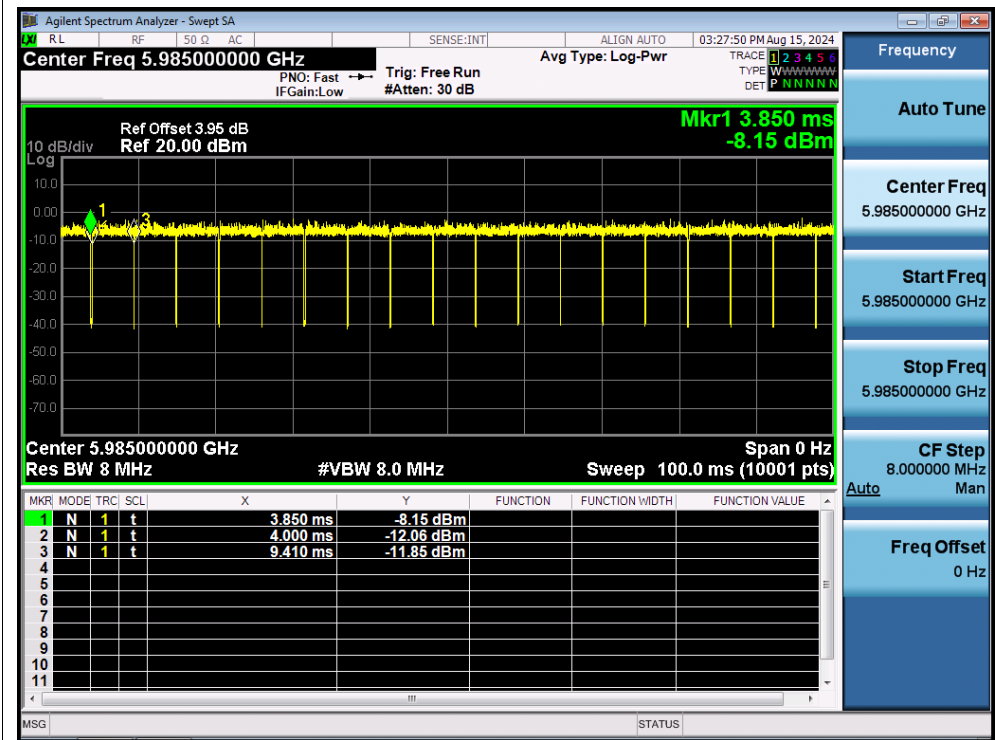
Duty Cycle NVNT ax80 6945MHz Ant4



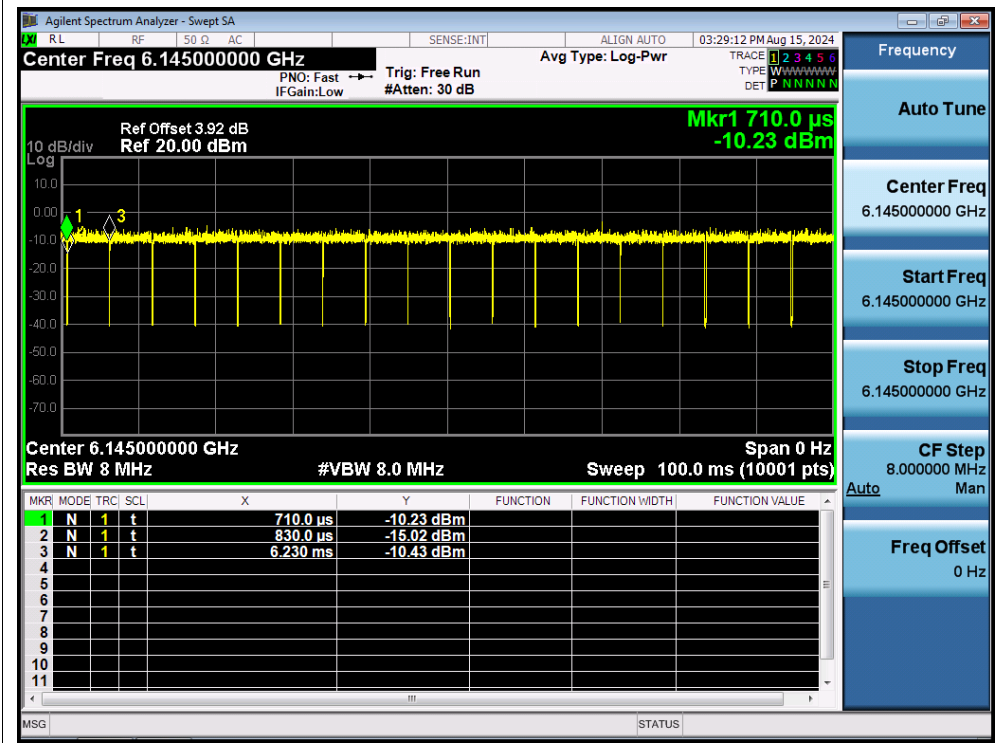
Duty Cycle NVNT ax80 7025MHz Ant4



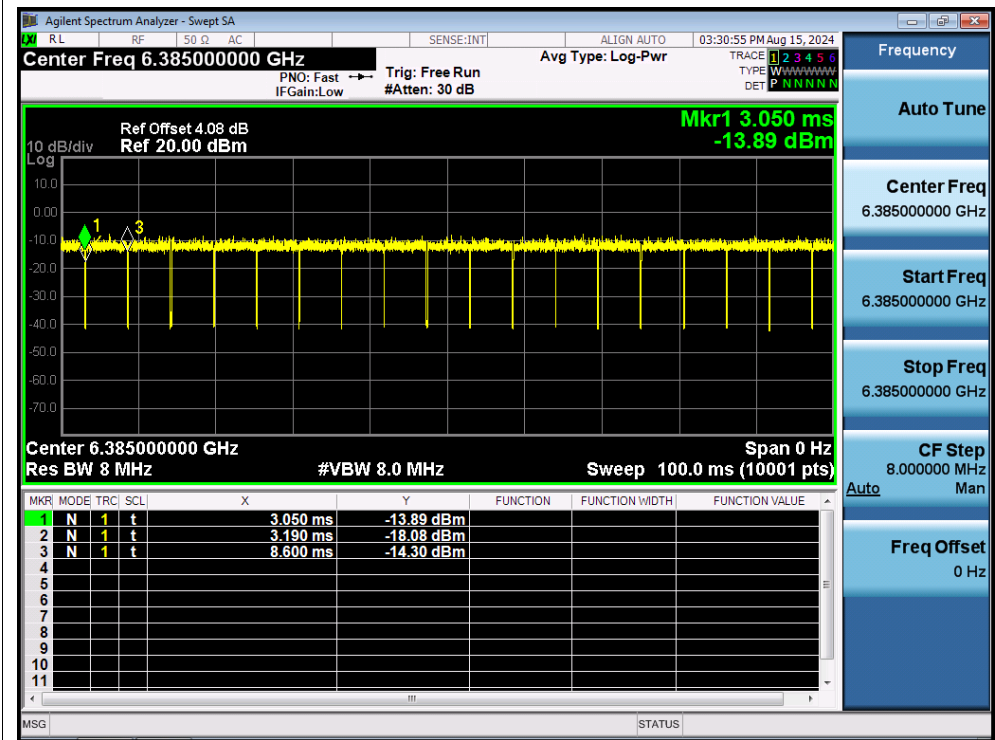
Duty Cycle NVNT ax80 5985MHz Sum



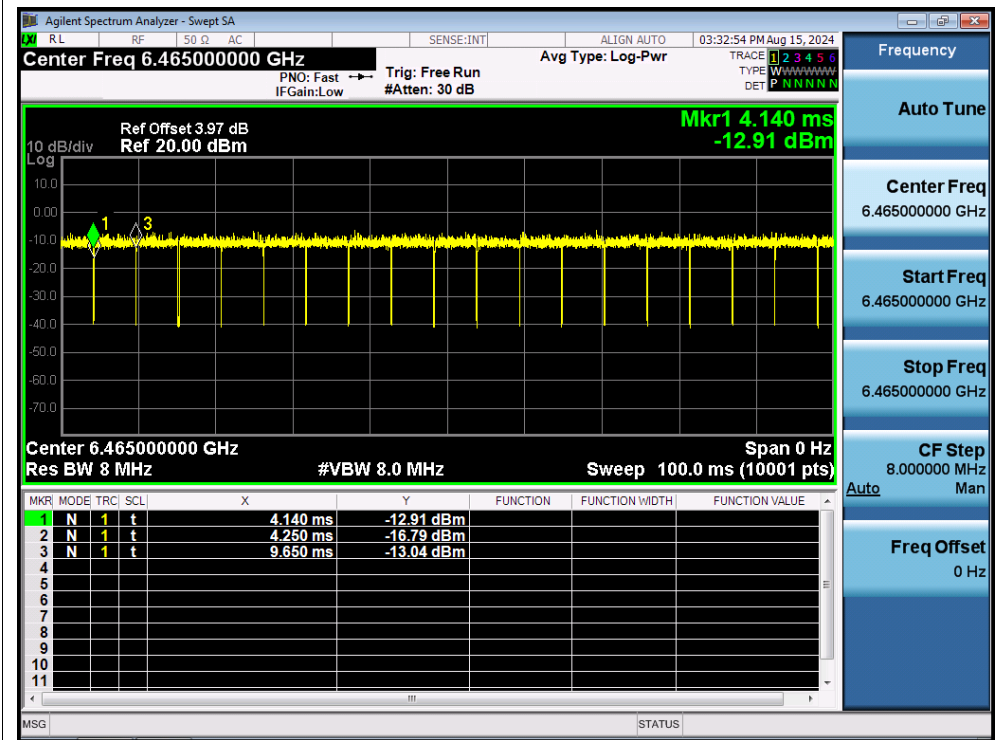
Duty Cycle NVNT ax80 6145MHz Sum



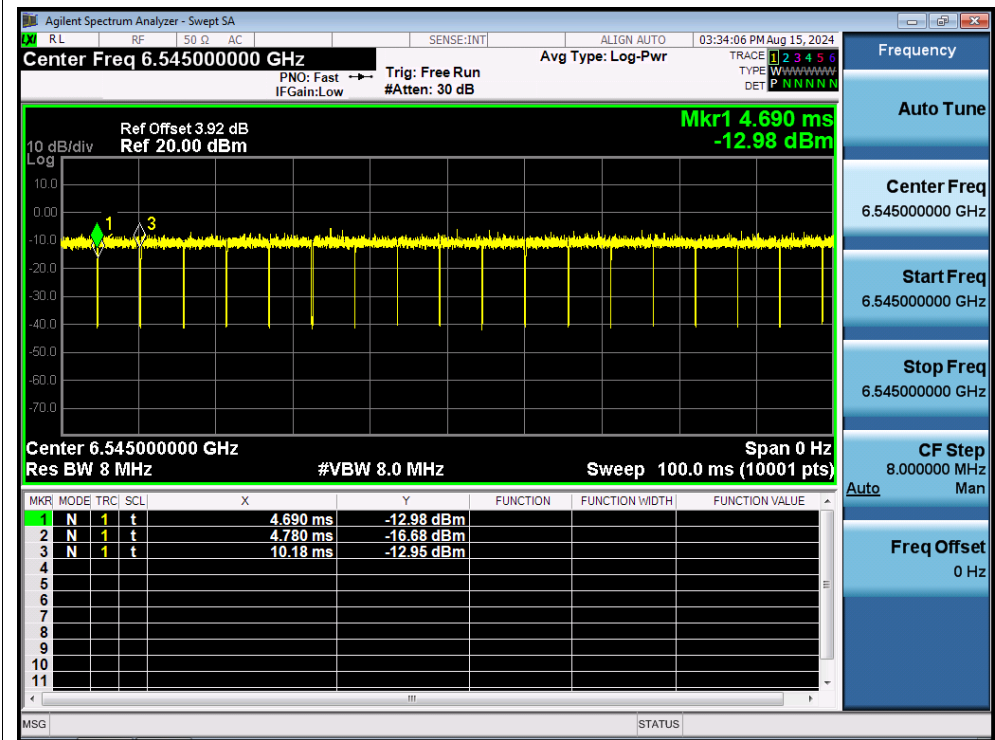
Duty Cycle NVNT ax80 6385MHz Sum



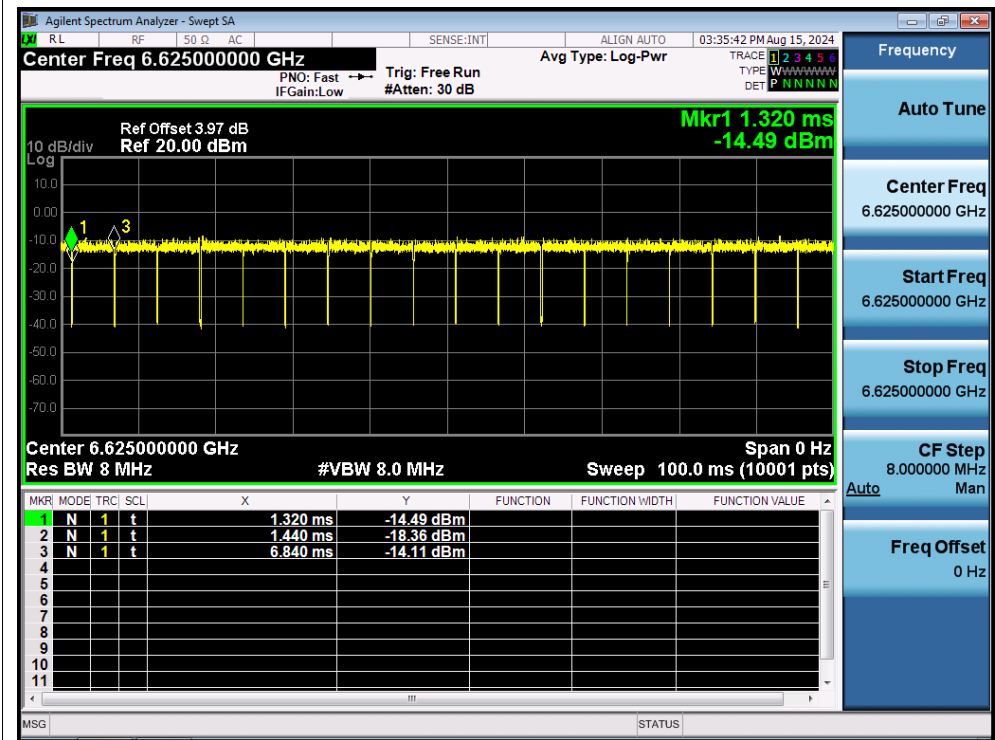
Duty Cycle NVNT ax80 6465MHz Sum



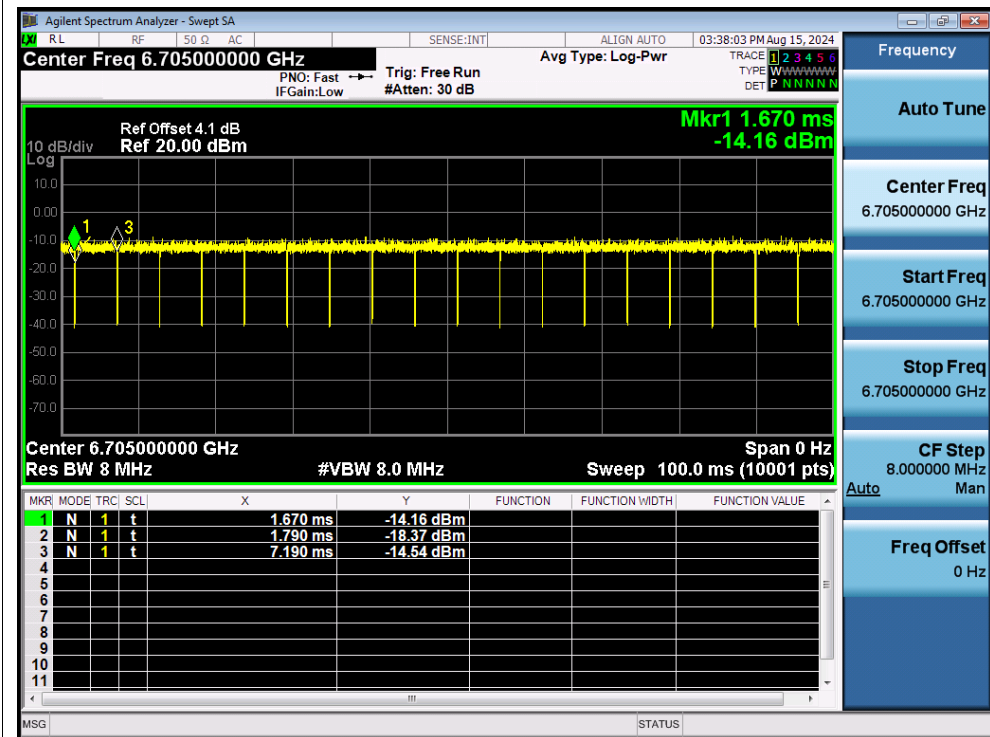
Duty Cycle NVNT ax80 6545MHz Sum



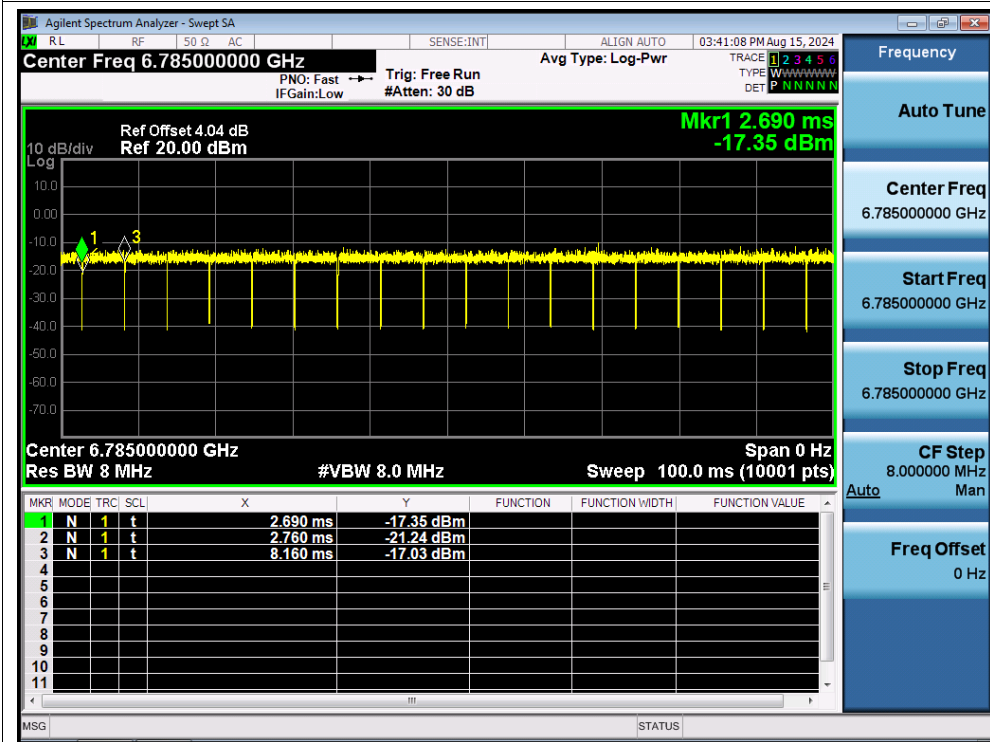
Duty Cycle NVNT ax80 6625MHz Sum



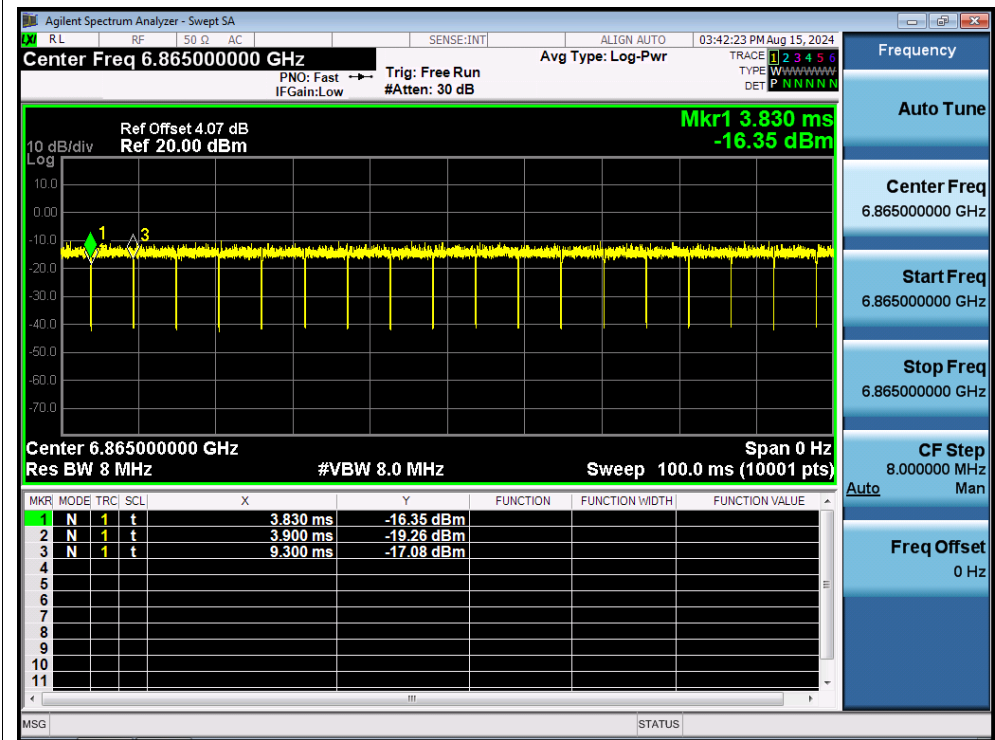
Duty Cycle NVNT ax80 6705MHz Sum



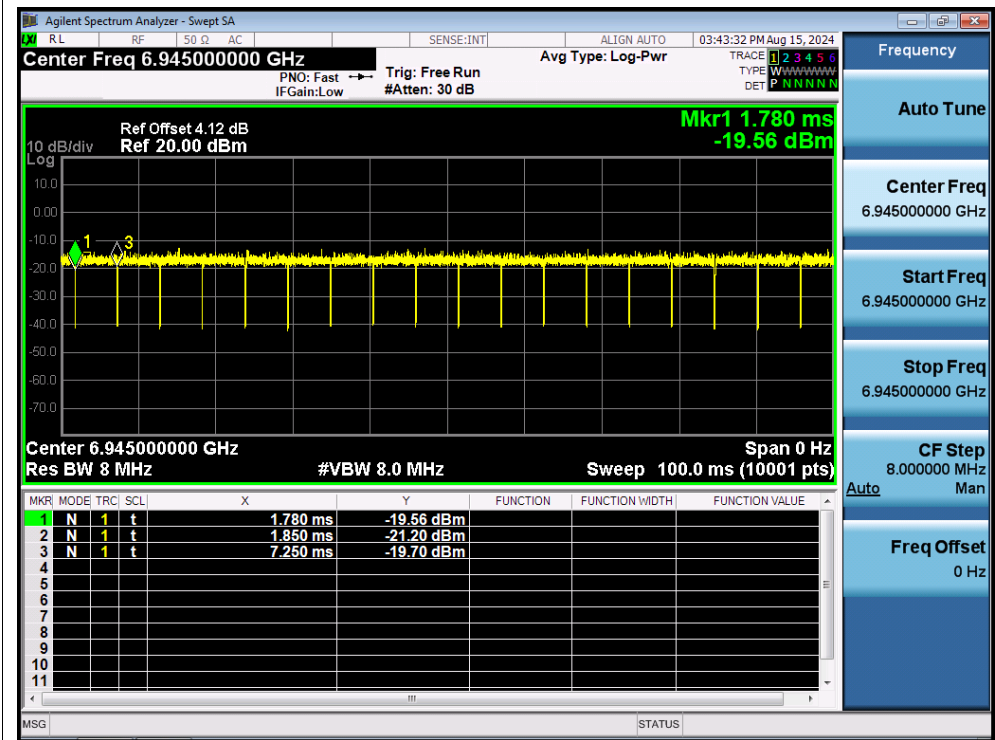
Duty Cycle NVNT ax80 6785MHz Sum



Duty Cycle NVNT ax80 6865MHz Sum



Duty Cycle NVNT ax80 6945MHz Sum



Duty Cycle NVNT ax80 7025MHz Sum

Agilent Spectrum Analyzer - Sweep SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:45:15 PM Aug 15, 2024

Center Freq 7.025000000 GHz Avg Type: Log-Pwr

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

Ref Offset 4.15 dB
Ref 20.00 dBm

**Mkr1 1.260 ms
-18.86 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	1.260 ms	-18.86 dBm			
2	N	1	t	1.350 ms	-21.60 dBm			
3	N	1	t	6.750 ms	-18.85 dBm			
4								
5								
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

Freq Offset
0 Hz

MSG STATUS

Agilent Spectrum Analyzer - Sweep SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:15:16 AM Aug 15, 2024

Center Freq 6.025000000 GHz Avg Type: Log-Pwr

TRIGGER: 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
DET P N N N N N

Ref Offset 3.99 dB
Ref 20.00 dBm

Mkr1 3.340 ms
4.50 dBm

10 dB/div
Log

Center 6.025000000 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	3.340 ms	4.50 dBm			
2	N	1	t	3.400 ms	-1.34 dBm			
3	N	1	t	7.850 ms	3.73 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
6.025000000 GHz

Start Freq
6.025000000 GHz

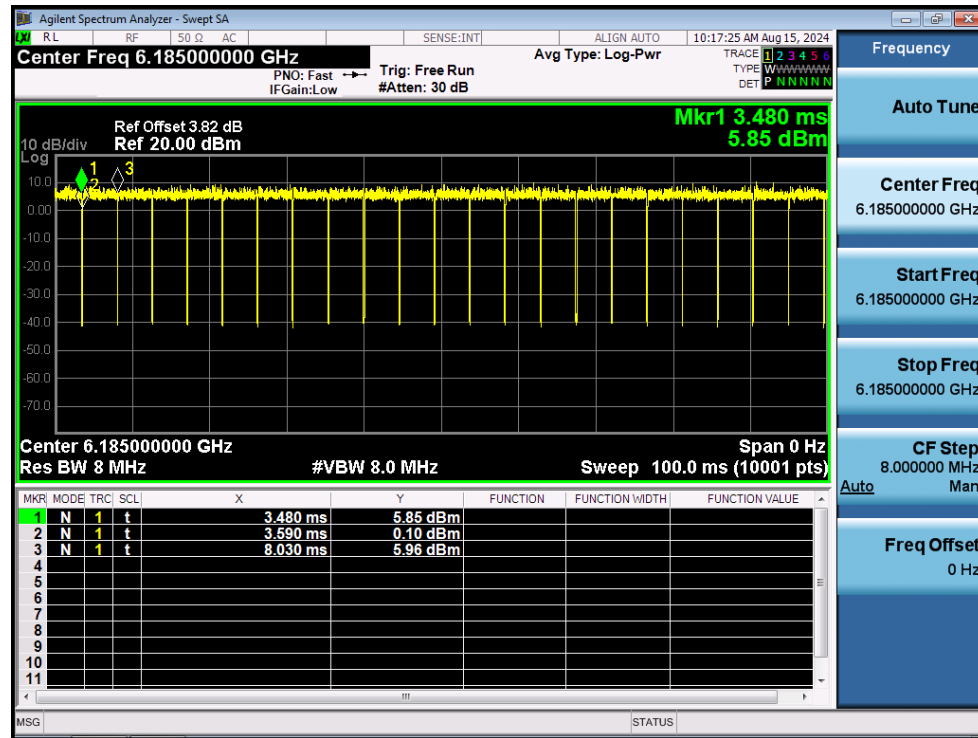
Stop Freq
6.025000000 GHz

CF Step
8.000000 MHz
Man

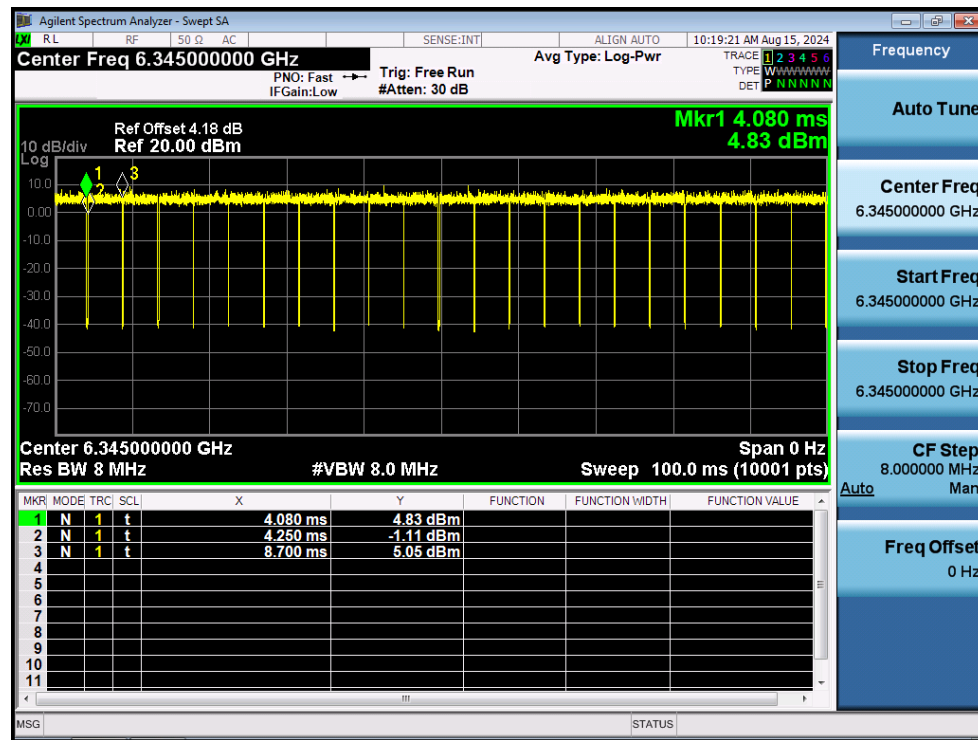
Auto

Freq Offset
0 Hz

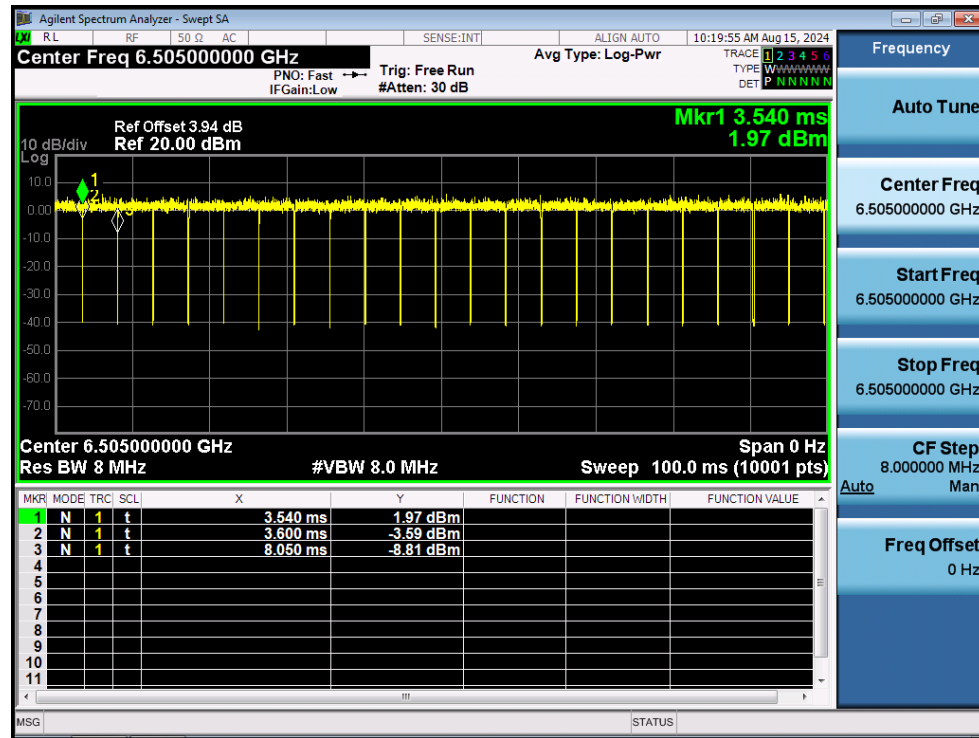
Duty Cycle NVNT ax160 6185MHz Ant1



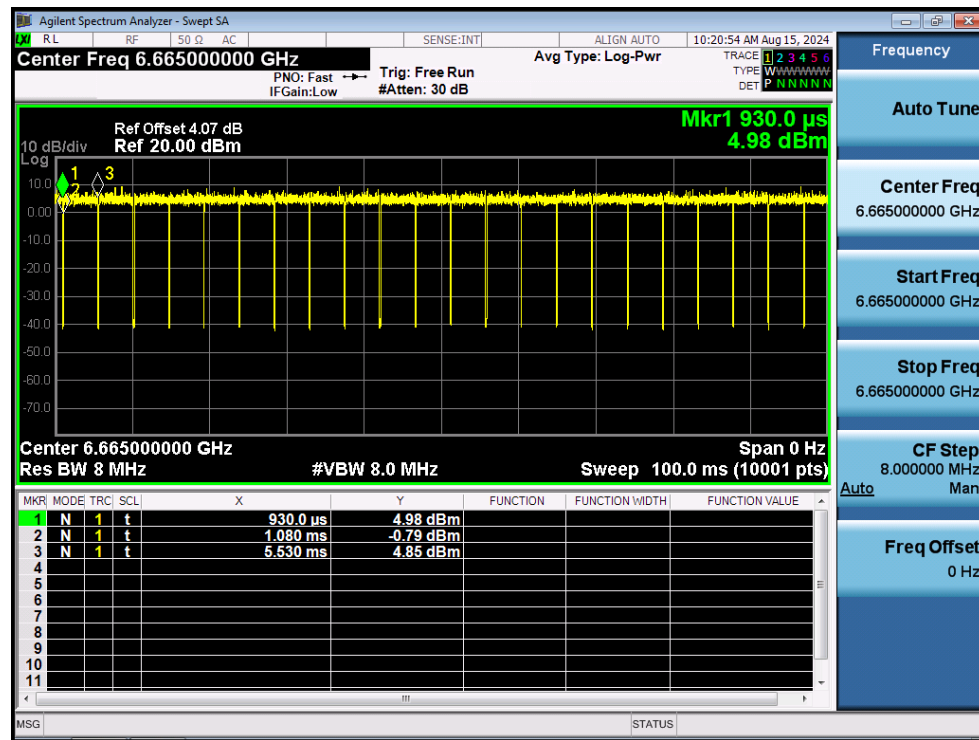
Duty Cycle NVNT ax160 6345MHz Ant1



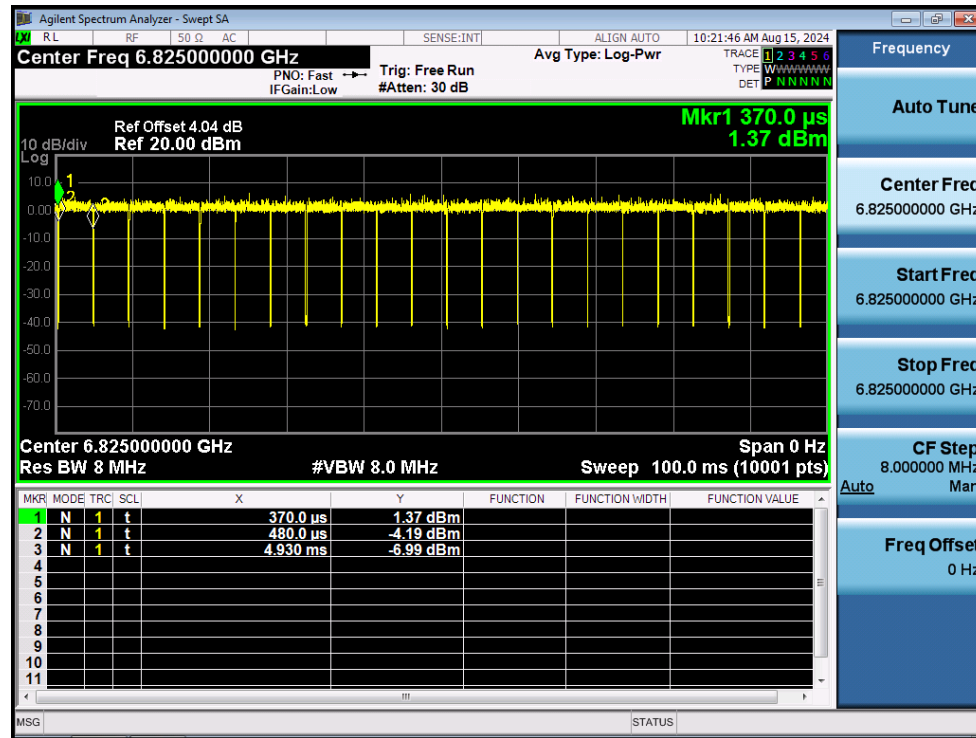
Duty Cycle NVNT ax160 6505MHz Ant1



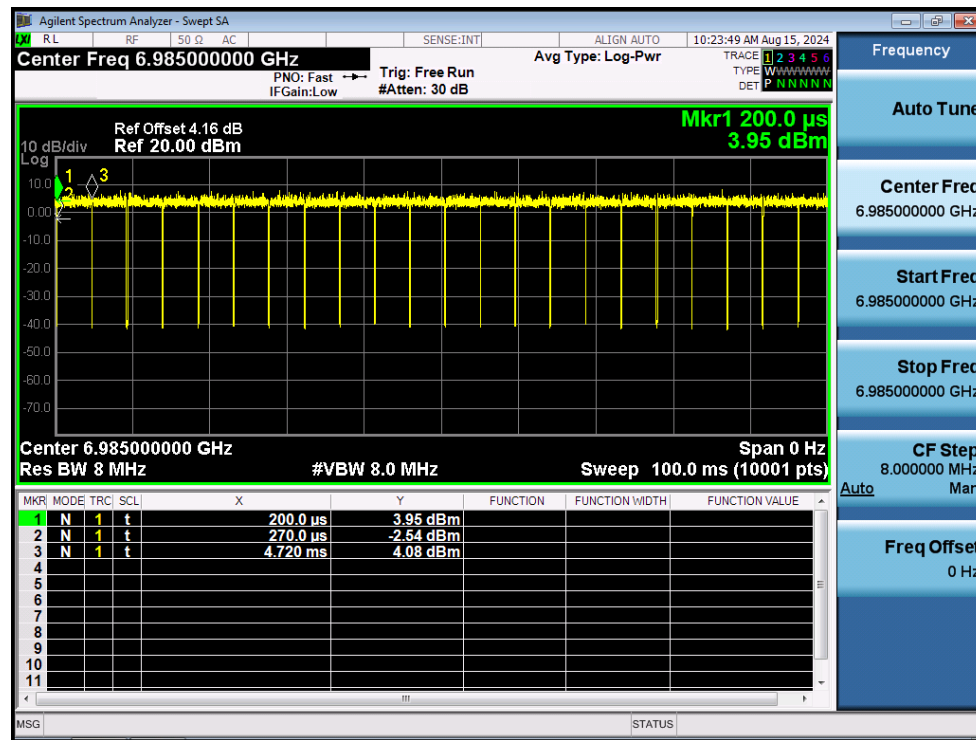
Duty Cycle NVNT ax160 6665MHz Ant1



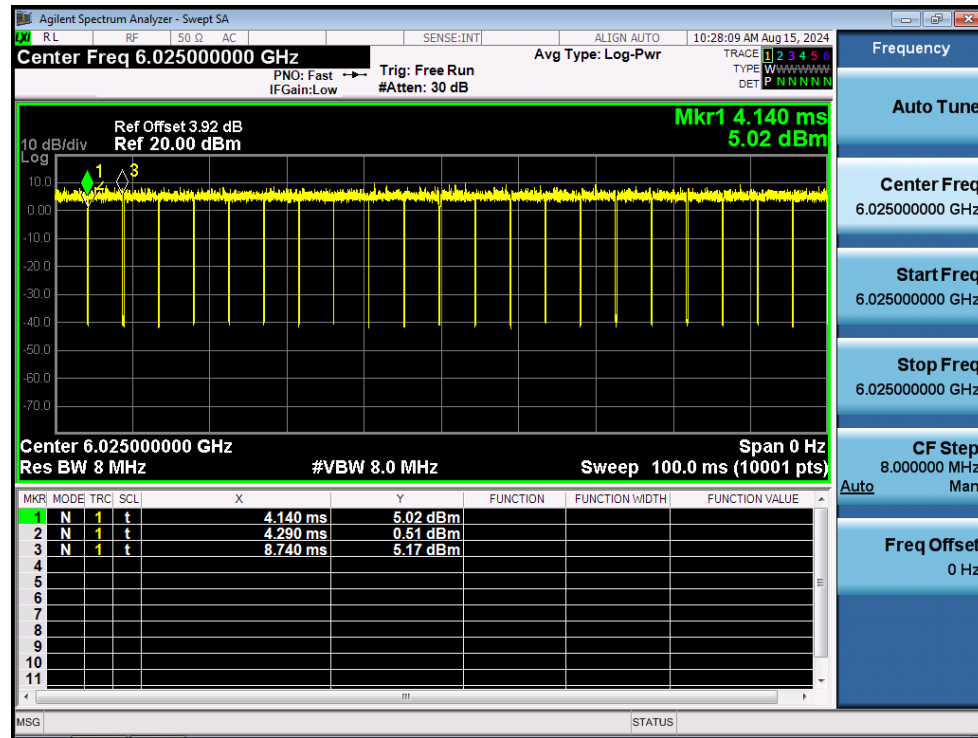
Duty Cycle NVNT ax160 6825MHz Ant1



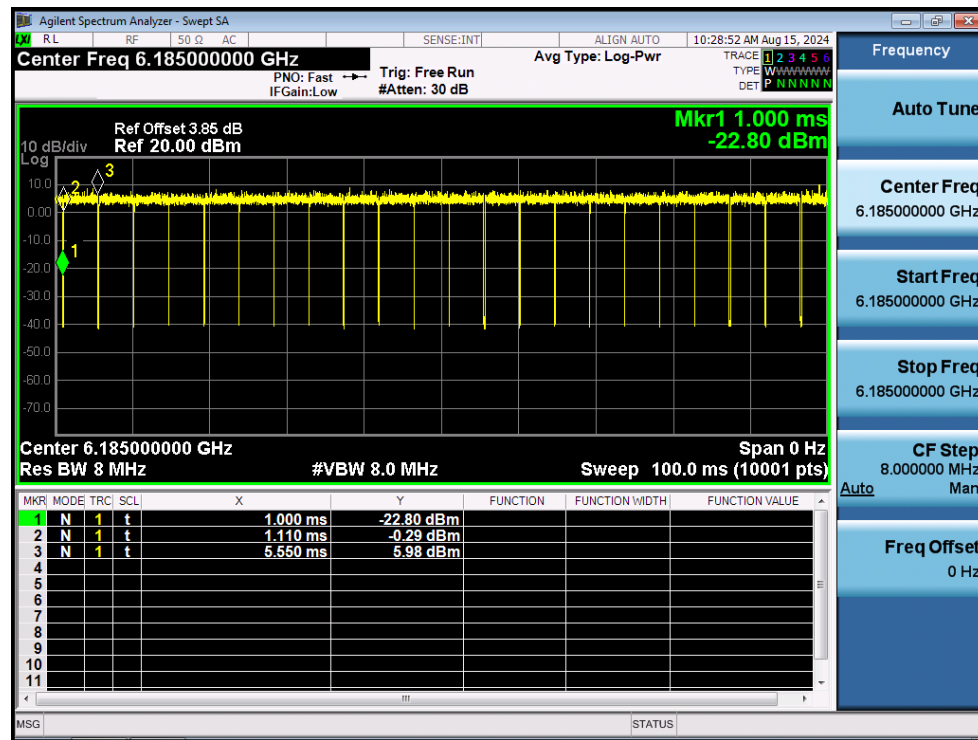
Duty Cycle NVNT ax160 6985MHz Ant1



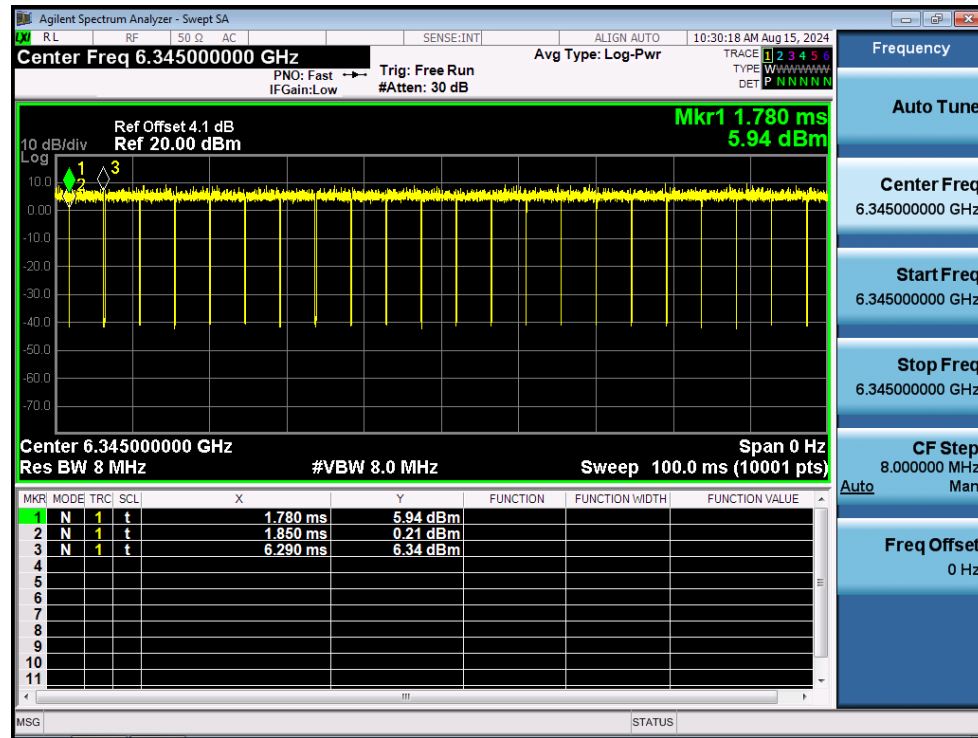
Duty Cycle NVNT ax160 6025MHz Ant2



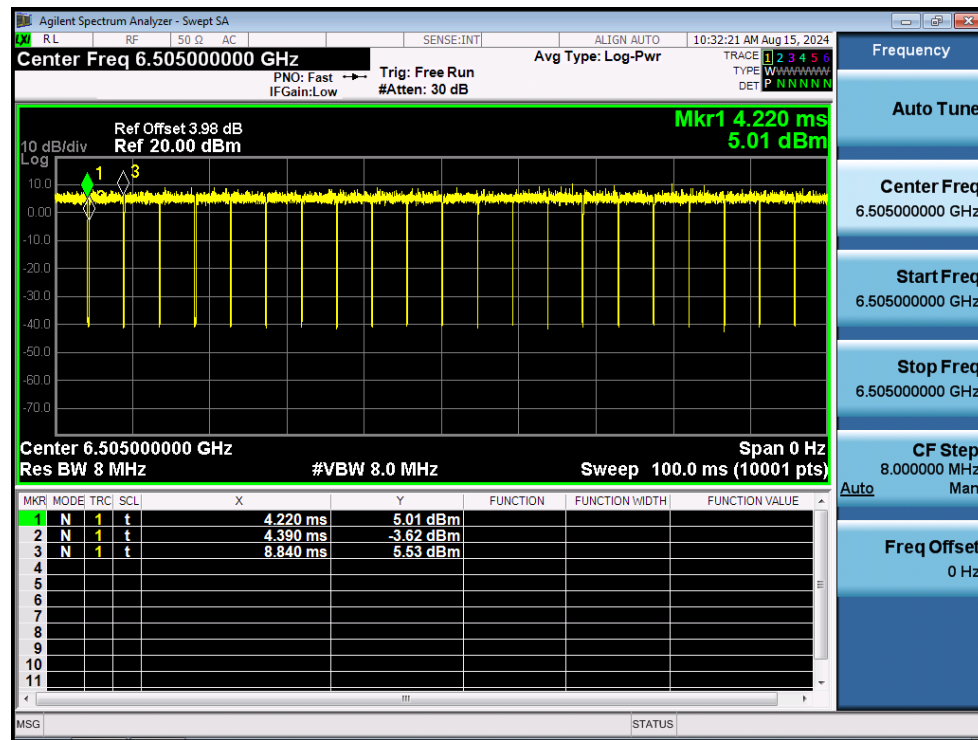
Duty Cycle NVNT ax160 6185MHz Ant2



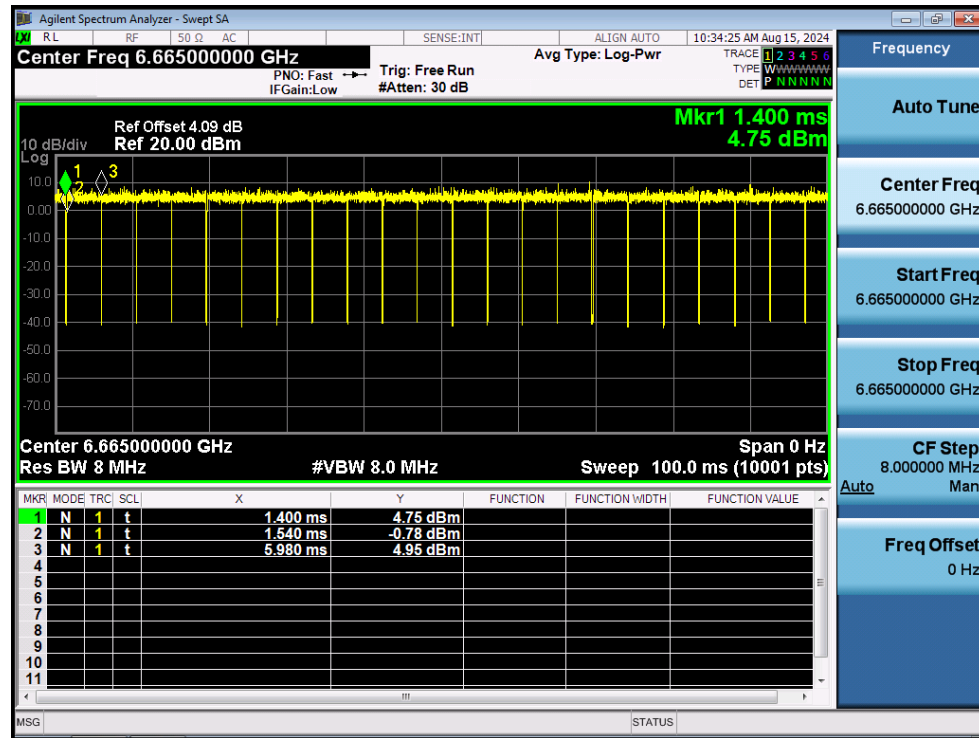
Duty Cycle NVNT ax160 6345MHz Ant2



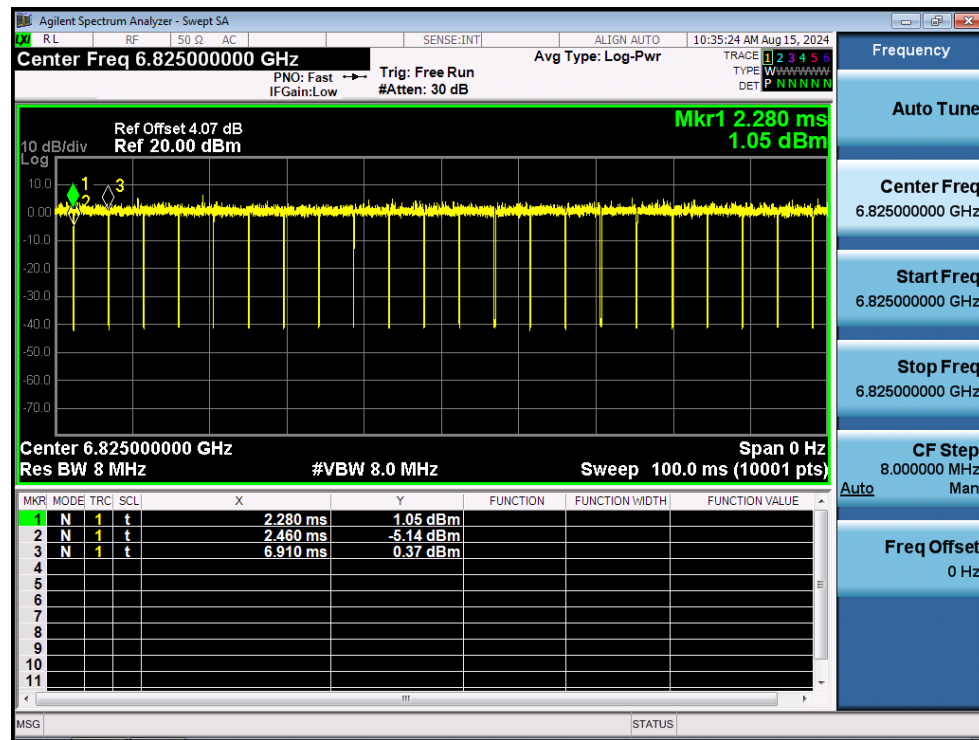
Duty Cycle NVNT ax160 6505MHz Ant2



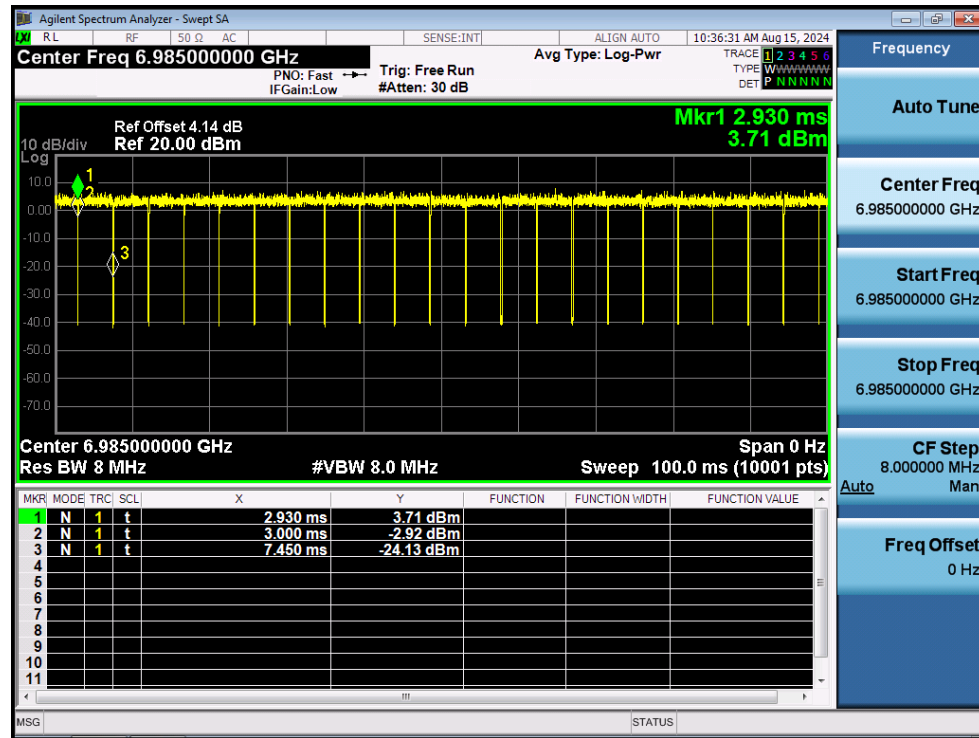
Duty Cycle NVNT ax160 6665MHz Ant2



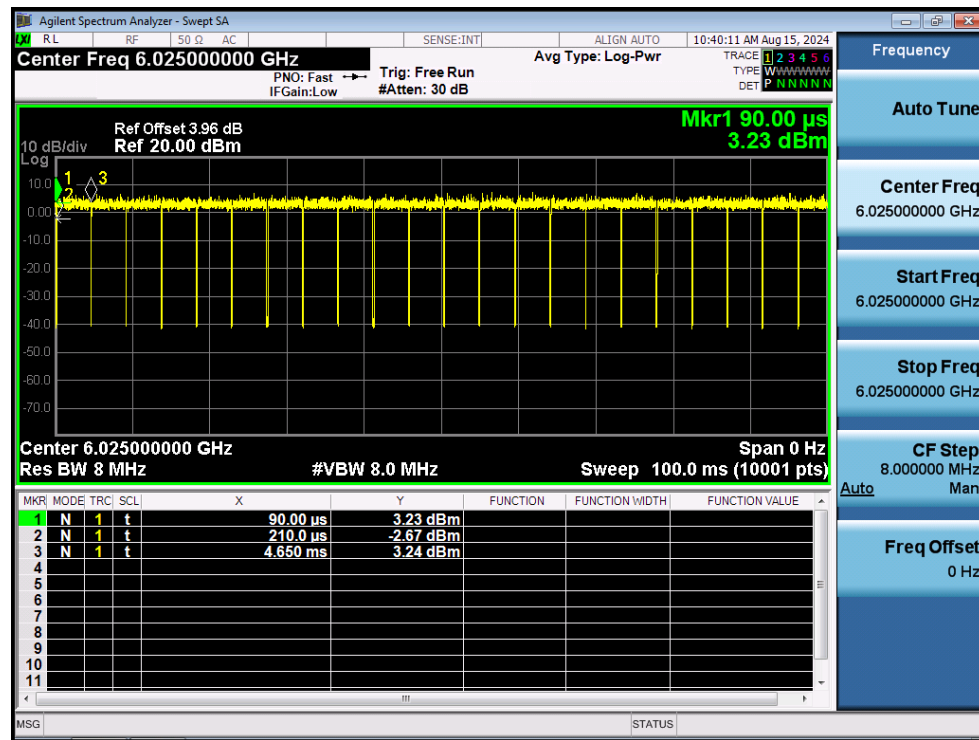
Duty Cycle NVNT ax160 6825MHz Ant2



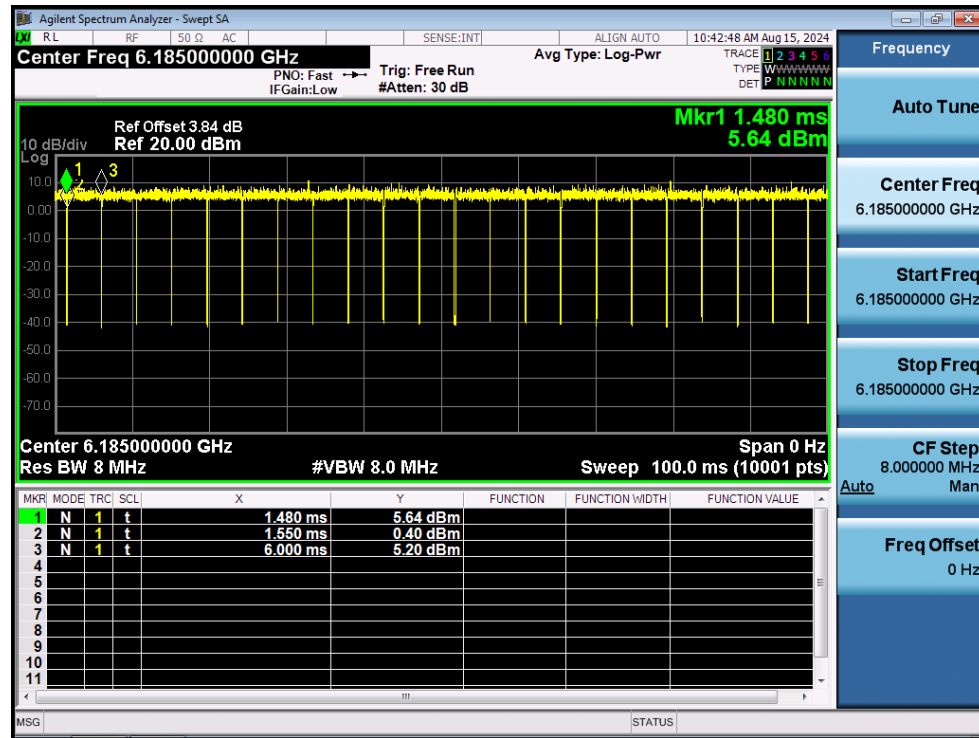
Duty Cycle NVNT ax160 6985MHz Ant2



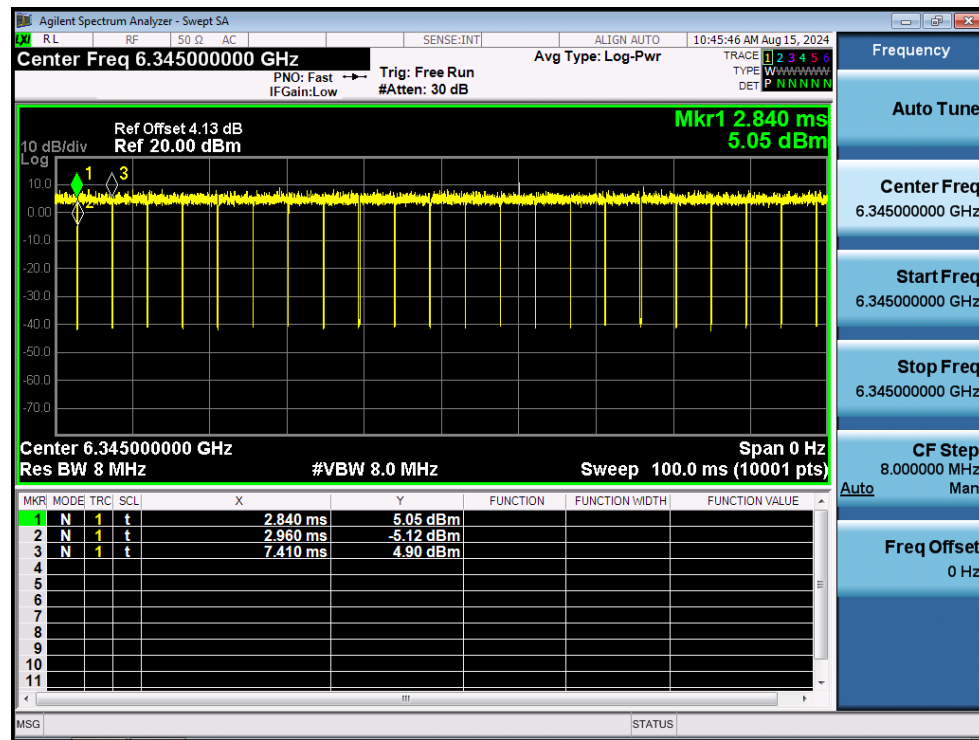
Duty Cycle NVNT ax160 6025MHz Ant3



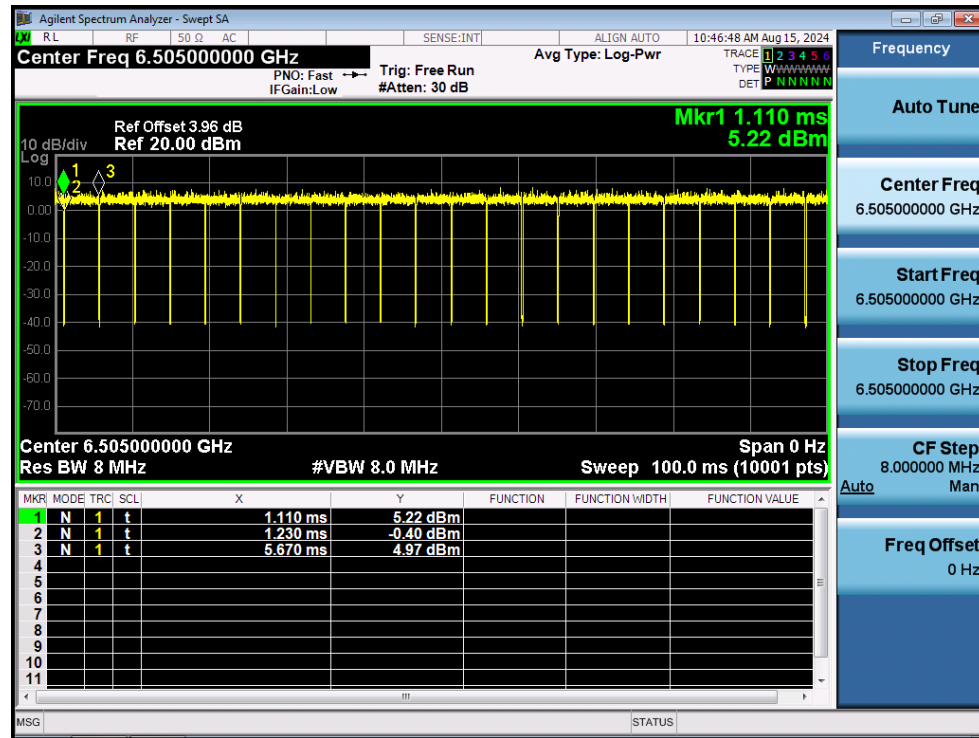
Duty Cycle NVNT ax160 6185MHz Ant3



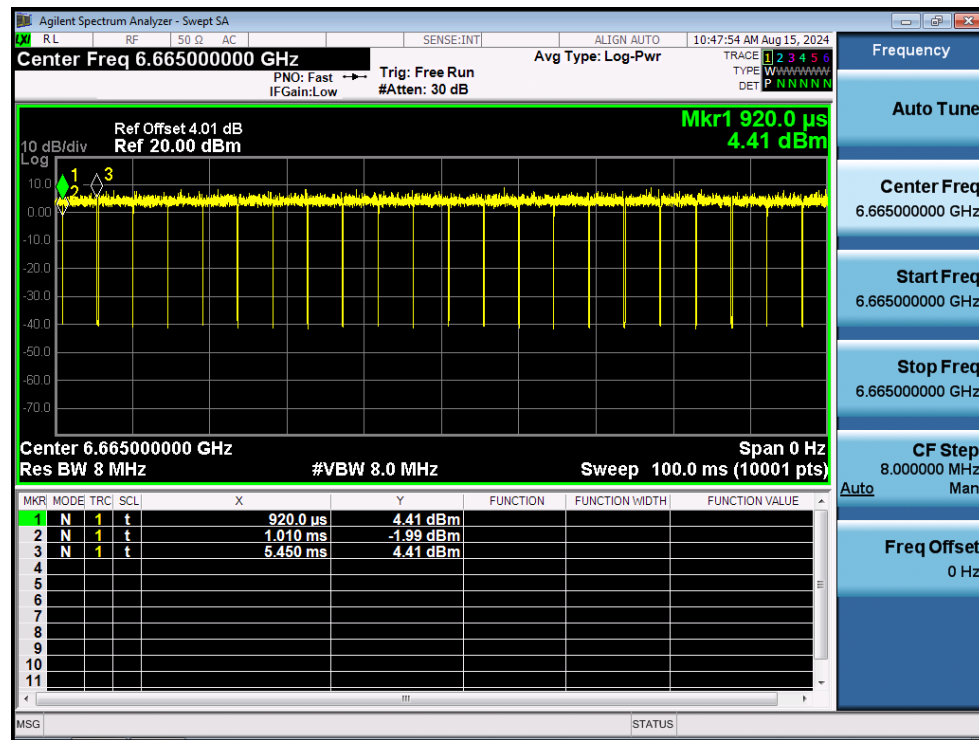
Duty Cycle NVNT ax160 6345MHz Ant3



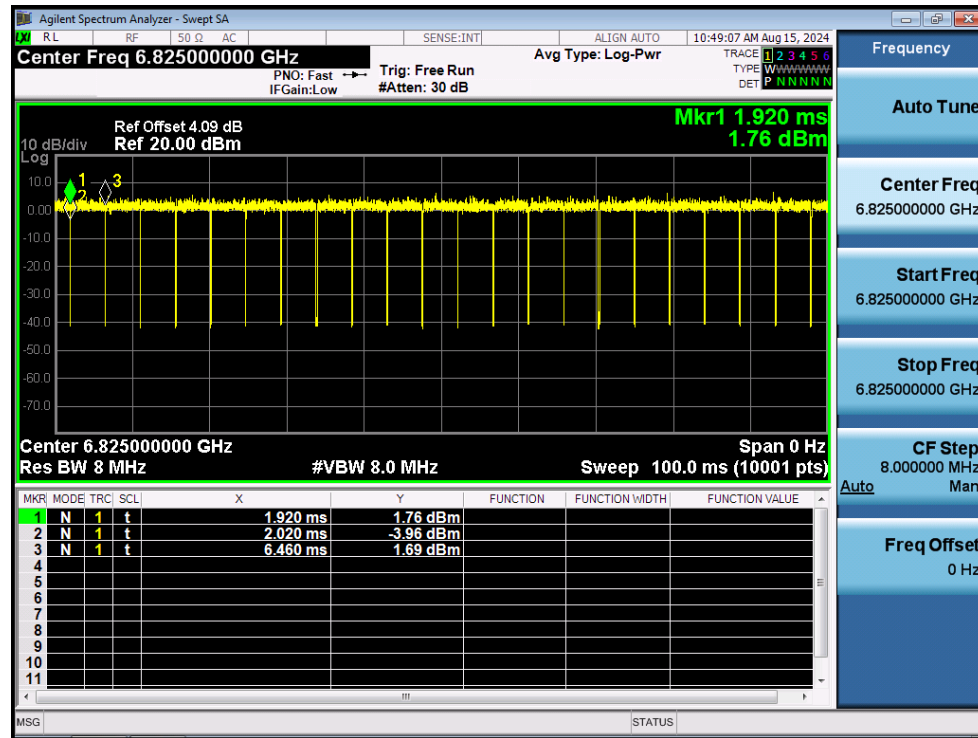
Duty Cycle NVNT ax160 6505MHz Ant3



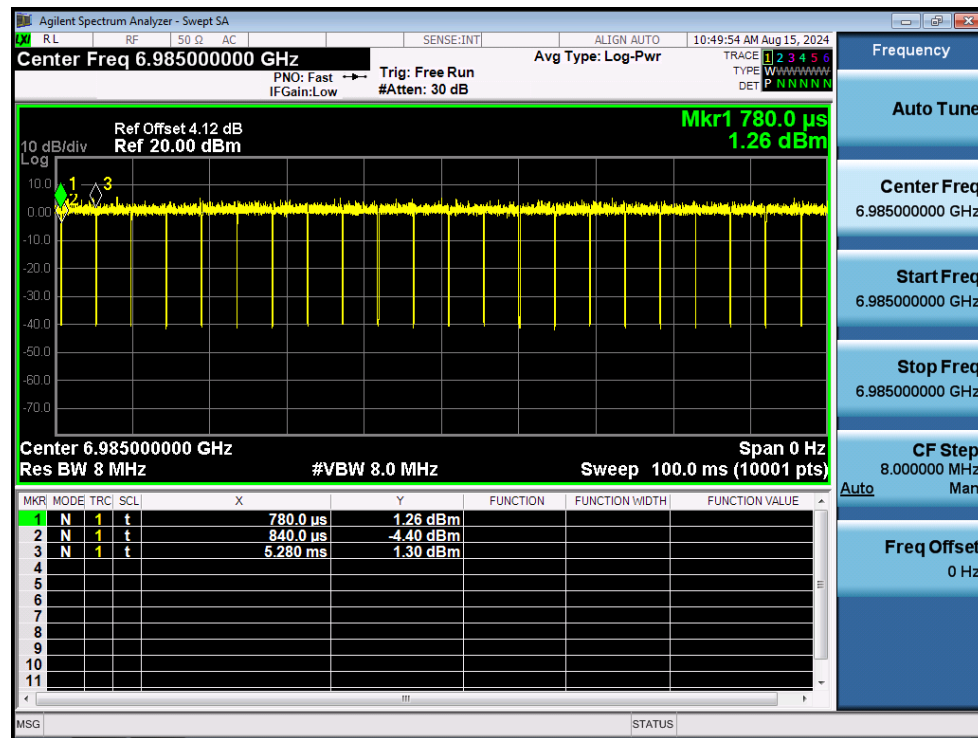
Duty Cycle NVNT ax160 6665MHz Ant3



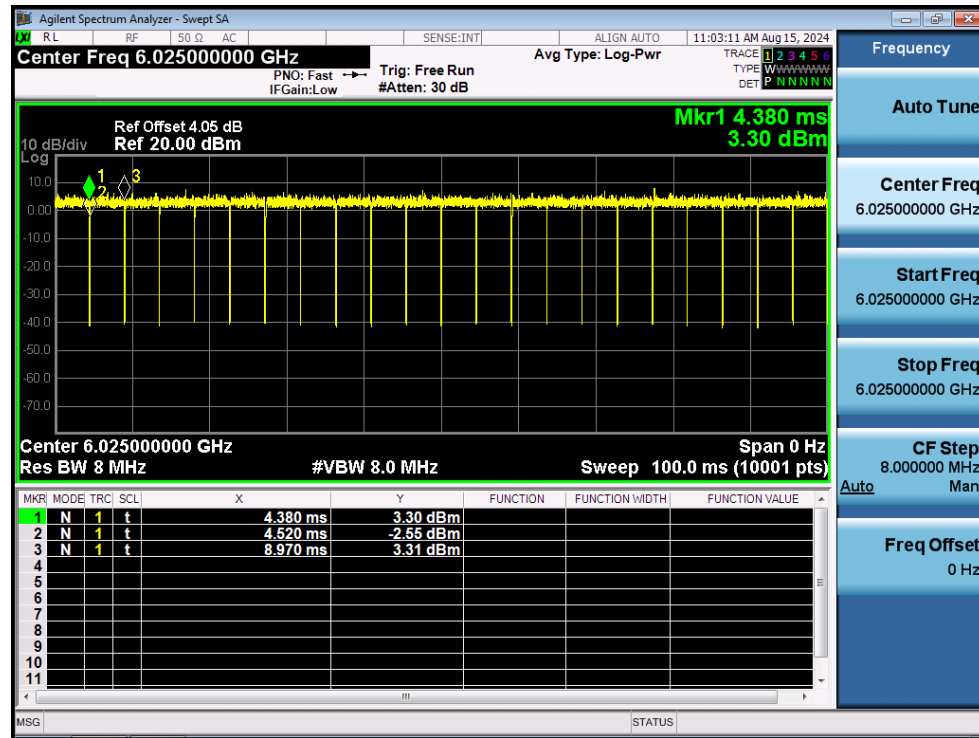
Duty Cycle NVNT ax160 6825MHz Ant3



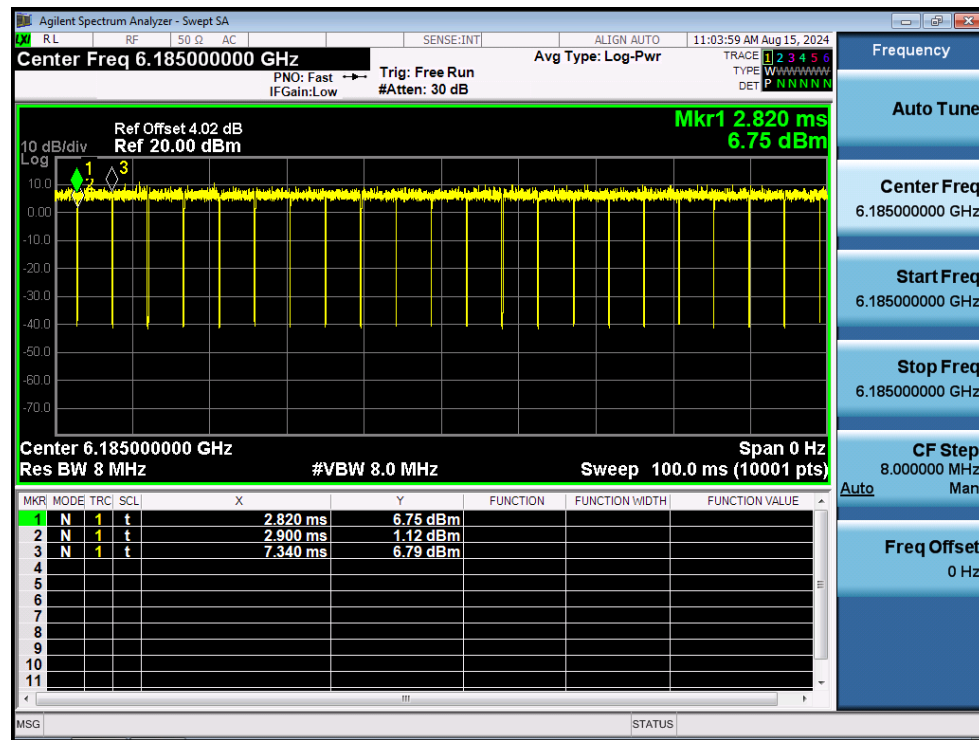
Duty Cycle NVNT ax160 6985MHz Ant3



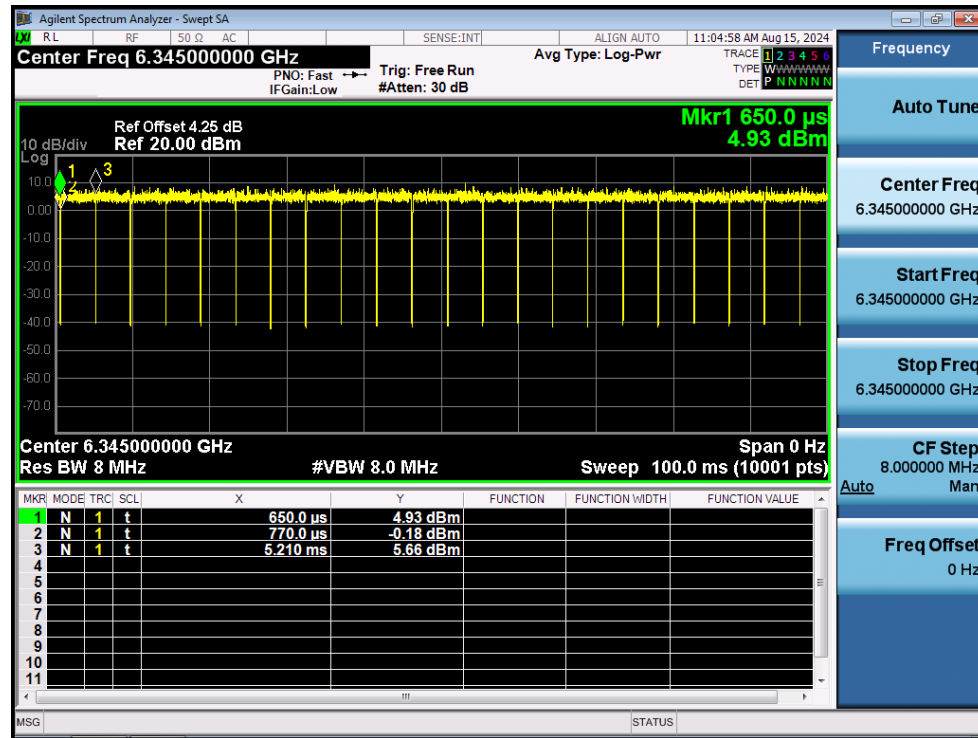
Duty Cycle NVNT ax160 6025MHz Ant4



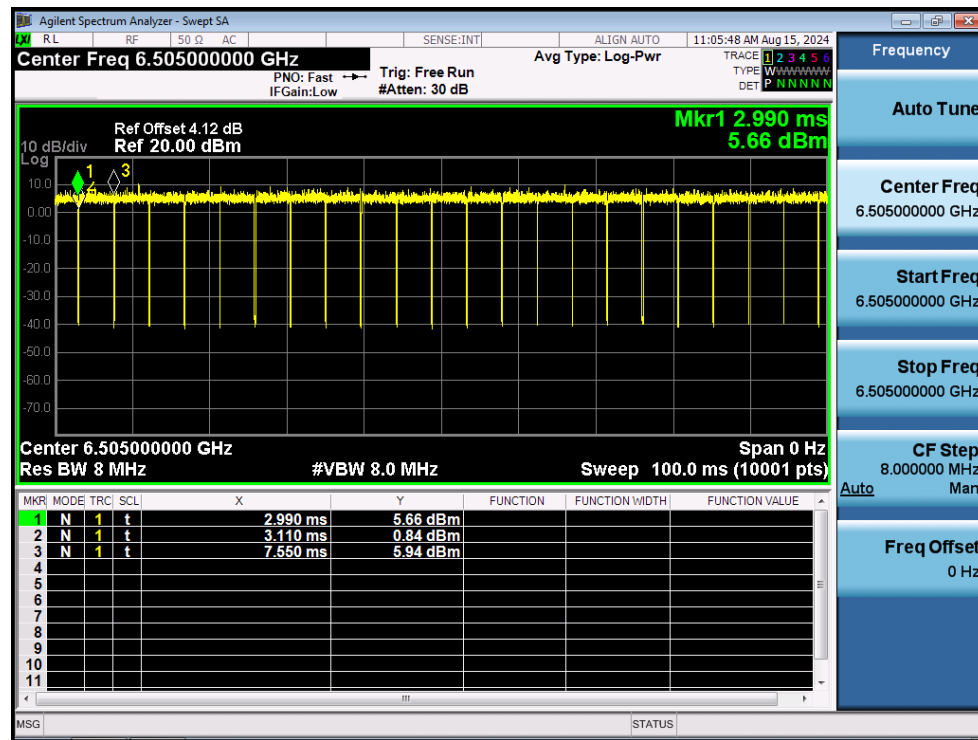
Duty Cycle NVNT ax160 6185MHz Ant4



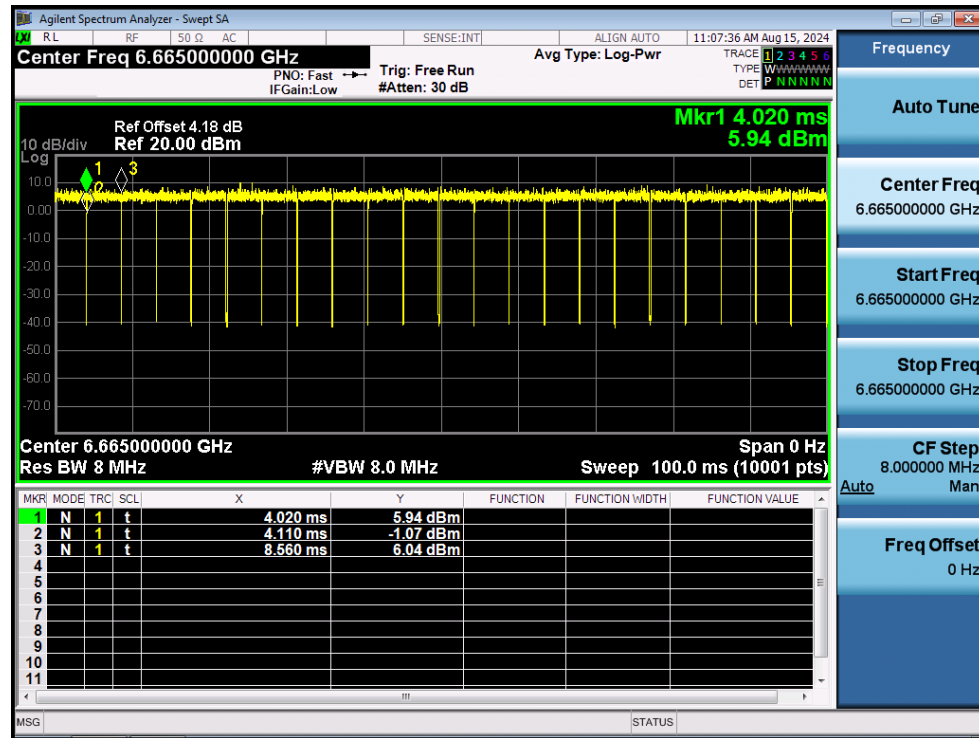
Duty Cycle NVNT ax160 6345MHz Ant4



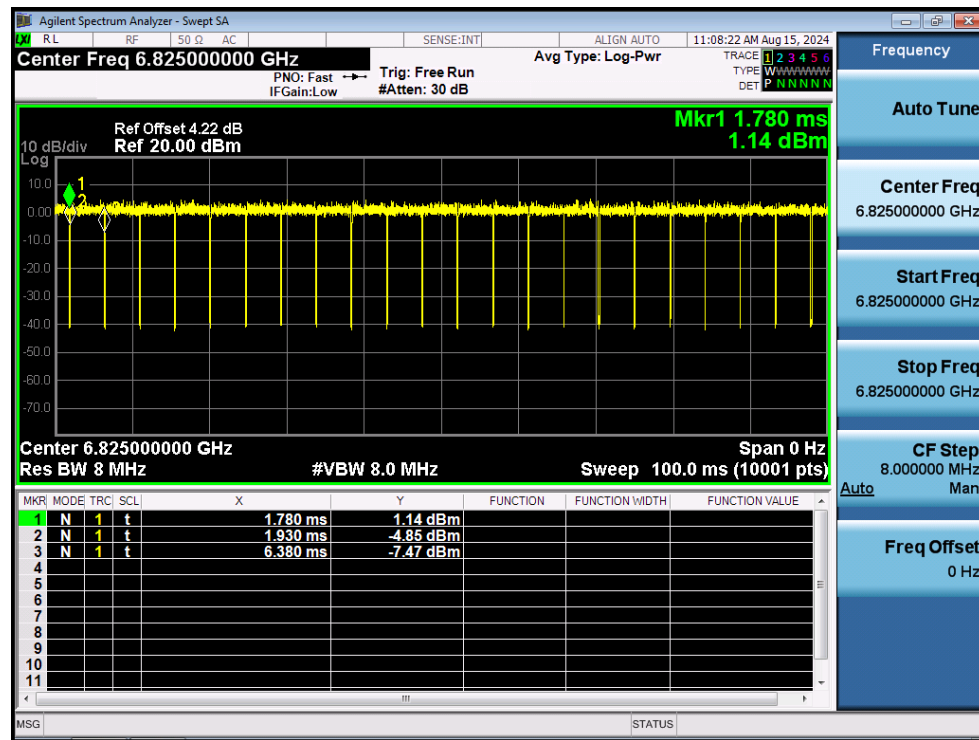
Duty Cycle NVNT ax160 6505MHz Ant4



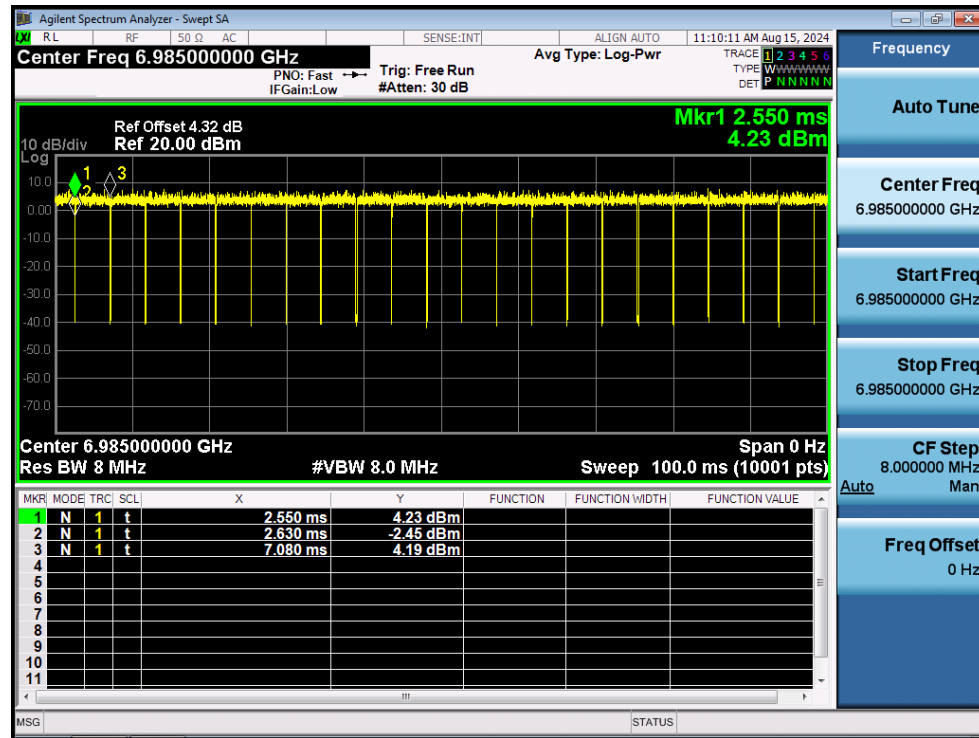
Duty Cycle NVNT ax160 6665MHz Ant4



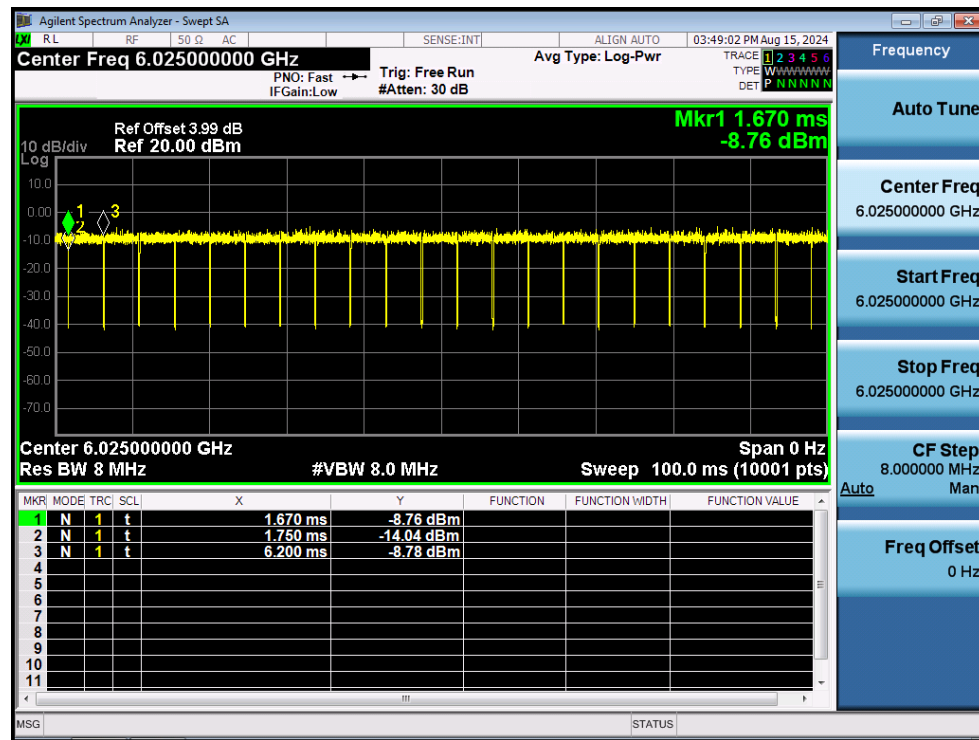
Duty Cycle NVNT ax160 6825MHz Ant4



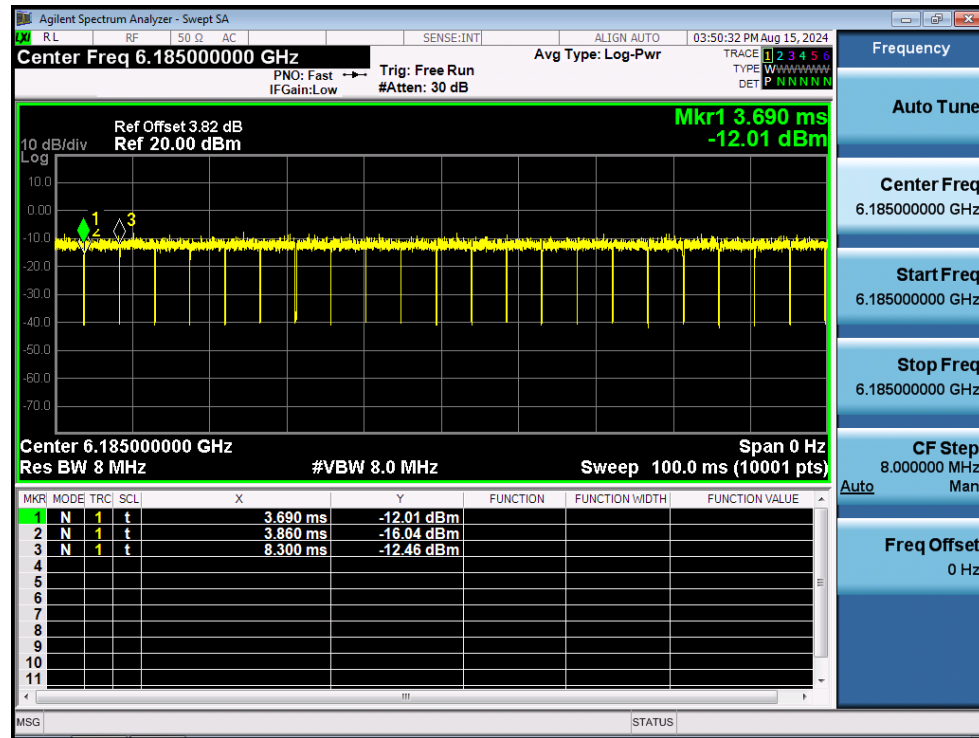
Duty Cycle NVNT ax160 6985MHz Ant4



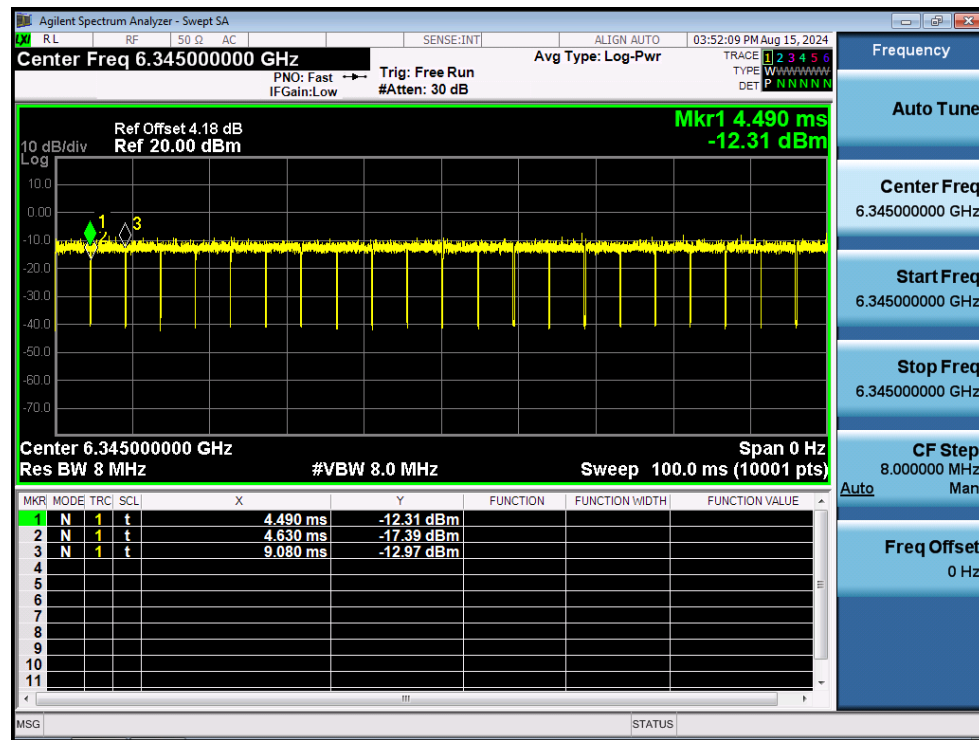
Duty Cycle NVNT ax160 6025MHz Sum



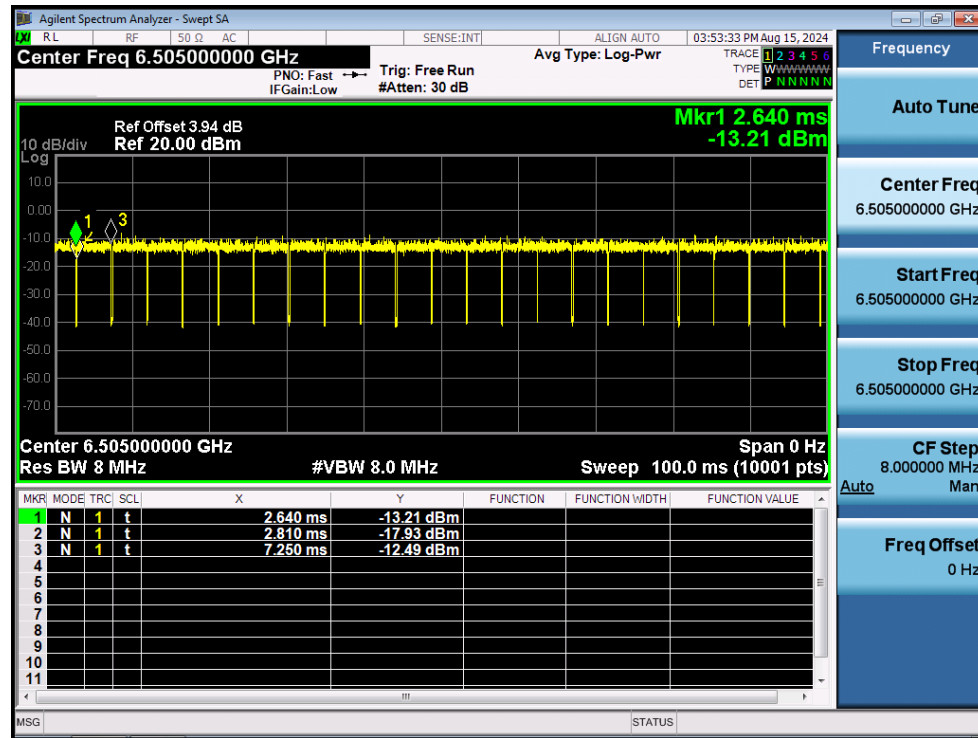
Duty Cycle NVNT ax160 6185MHz Sum



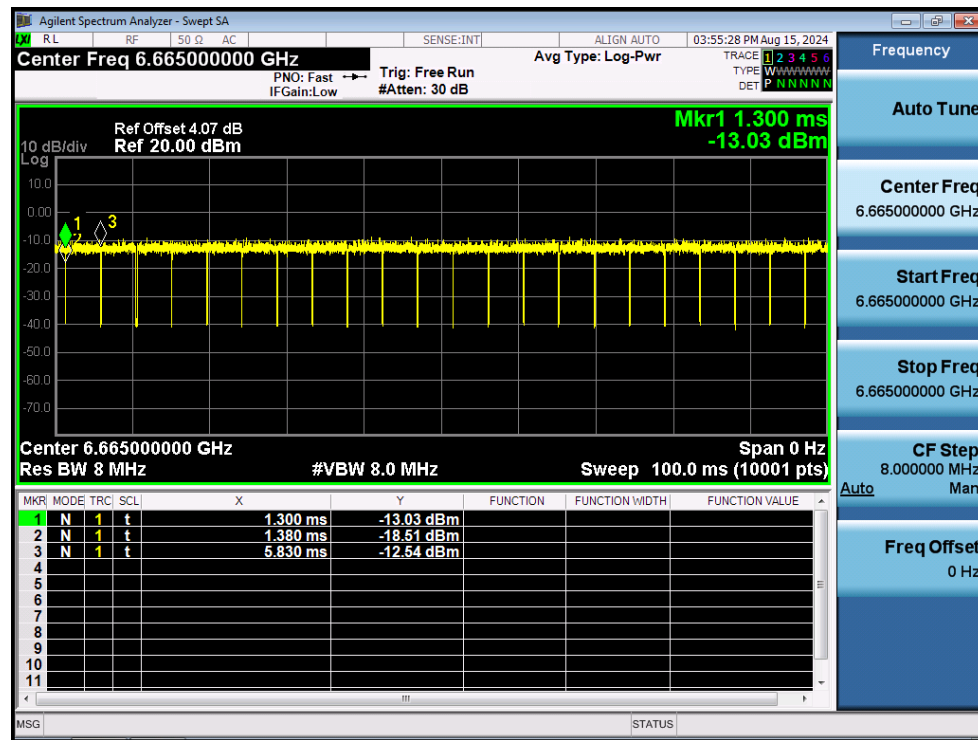
Duty Cycle NVNT ax160 6345MHz Sum



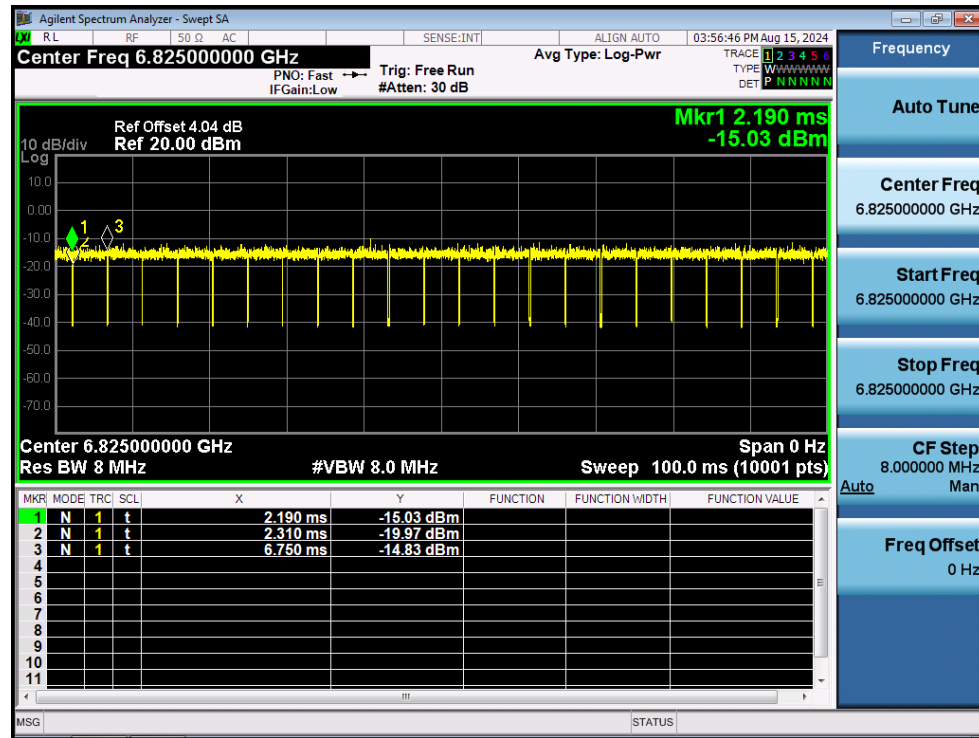
Duty Cycle NVNT ax160 6505MHz Sum



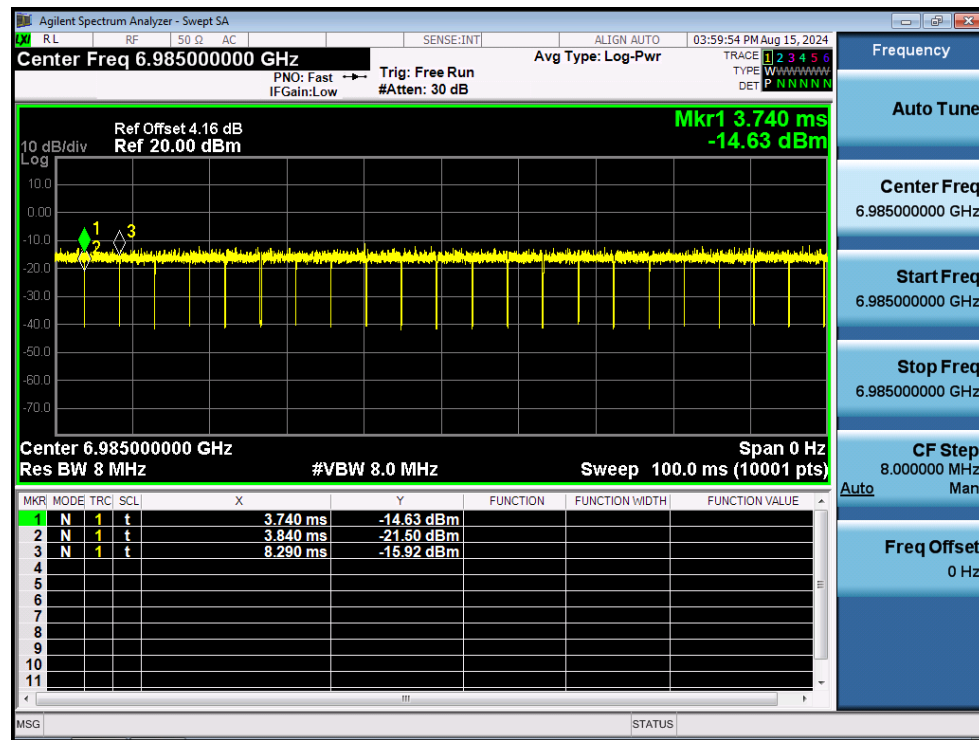
Duty Cycle NVNT ax160 6665MHz Sum



Duty Cycle NVNT ax160 6825MHz Sum



Duty Cycle NVNT ax160 6985MHz Sum



Appendix 2: Maximum conducted output power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax20	5955	Ant1	5.62	0	5.62	6.62	12.24	24	Pass
		6175		5.67	0.14	5.81	6.62	12.43	24	Pass
		6415		4.7	0.09	4.79	6.62	11.41	24	Pass
		6435		4.76	0.11	4.87	6.62	11.49	24	Pass
		6475		6.43	0	6.43	6.62	13.05	24	Pass
		6515		3.42	0	3.42	6.62	10.04	24	Pass
		6535		3.16	0	3.16	6.62	9.78	24	Pass
		6695		5.15	0.12	5.27	6.62	11.89	24	Pass
		6855		1.52	0	1.52	6.62	8.14	24	Pass
		6875		3.05	0	3.05	6.62	9.67	24	Pass
		6895		4.75	0.11	4.86	6.62	11.48	24	Pass
		6995		3.56	0	3.56	6.62	10.18	24	Pass
		7115		-0.37	0	-0.37	6.62	6.25	24	Pass
		5955	Ant2	4.57	0.12	4.69	6.62	11.31	24	Pass
		6175		4.6	0.12	4.72	6.62	11.34	24	Pass
		6415		4.88	0.13	5.01	6.62	11.63	24	Pass
		6435		4.86	0.13	4.99	6.62	11.61	24	Pass
		6475		4.58	0	4.58	6.62	11.2	24	Pass
		6515		3.33	0	3.33	6.62	9.95	24	Pass
		6535		4.18	0	4.18	6.62	10.8	24	Pass
		6695		4.67	0	4.67	6.62	11.29	24	Pass
		6855		0.56	0	0.56	6.62	7.18	24	Pass
		6875		2.68	0	2.68	6.62	9.3	24	Pass
		6895		1.84	0	1.84	6.62	8.46	24	Pass
		6995		2.14	0.13	2.27	6.62	8.89	24	Pass
		7115		3.79	0.14	3.93	6.62	10.55	24	Pass
		5955	Ant3	3.1	0	3.1	6.62	9.72	24	Pass
		6175		5.44	0	5.44	6.62	12.06	24	Pass
		6415		4.91	0	4.91	6.62	11.53	24	Pass
		6435		4.83	0	4.83	6.62	11.45	24	Pass
		6475		4.42	0.11	4.53	6.62	11.15	24	Pass
		6515		3.81	0.13	3.94	6.62	10.56	24	Pass
		6535		3.7	0.14	3.84	6.62	10.46	24	Pass
		6695		3.78	0.13	3.91	6.62	10.53	24	Pass
		6855		1.51	0.11	1.62	6.62	8.24	24	Pass
		6875		0.93	0.11	1.04	6.62	7.66	24	Pass
		6895		-0.03	0	-0.03	6.62	6.59	24	Pass
		6995		4.4	0.13	4.53	6.62	11.15	24	Pass

		7115		3.21	0	3.21	6.62	9.83	24	Pass
		5935		4.12	0.11	4.23	6.62	10.85	24	Pass
		6175		5.49	0	5.49	6.62	12.11	24	Pass
		6415		5.58	0	5.58	6.62	12.2	24	Pass
		6435		4.63	0.14	4.77	6.62	11.39	24	Pass
		6475		0.94	0	0.94	6.62	7.56	24	Pass
		6515		4.37	0.13	4.5	6.62	11.12	24	Pass
		6535	Ant4	4.17	0	4.17	6.62	10.79	24	Pass
		6695		1.05	0	1.05	6.62	7.67	24	Pass
		6855		3.6	0	3.6	6.62	10.22	24	Pass
		6875		3.76	0	3.76	6.62	10.38	24	Pass
		6895		2.14	0.12	2.26	6.62	8.88	24	Pass
		6995		4.64	0	4.64	6.62	11.26	24	Pass
		7115		6.82	0	6.82	6.62	13.44	24	Pass
		5955	Ant1	-8.37	0.11	-8.26	6.62	-1.64	24	Pass
			Ant2	-10	0.11	-9.89	6.62	-3.27	24	Pass
			Ant3	-14.65	0.11	-14.54	6.62	-7.92	24	Pass
			Ant4	-12.72	0.11	-12.61	6.62	-5.99	24	Pass
			Sum					1.96	24	Pass
		6175	Ant1	-11.9	0.13	-11.77	6.62	-5.15	24	Pass
			Ant2	-12.99	0.13	-12.86	6.62	-6.24	24	Pass
			Ant3	-12.7	0.13	-12.57	6.62	-5.95	24	Pass
			Ant4	-10.42	0.13	-10.29	6.62	-3.67	24	Pass
			Sum					0.89	24	Pass
		6415	Ant1	-13.35	0.15	-13.2	6.62	-6.58	24	Pass
			Ant2	-14.09	0.15	-13.94	6.62	-7.32	24	Pass
			Ant3	-15.09	0.15	-14.94	6.62	-8.32	24	Pass
			Ant4	-13.36	0.15	-13.21	6.62	-6.59	24	Pass
			Sum					-1.13	24	Pass
		6435	Ant1	-14.02	0.15	-13.87	6.62	-7.25	24	Pass
			Ant2	-14.95	0.15	-14.8	6.62	-8.18	24	Pass
			Ant3	-16.17	0.15	-16.02	6.62	-9.4	24	Pass
			Ant4	-14.31	0.15	-14.16	6.62	-7.54	24	Pass
			Sum					-2	24	Pass
		6475	Ant1	-13.86	0.11	-13.75	6.62	-7.13	24	Pass
			Ant2	-15.44	0.11	-15.33	6.62	-8.71	24	Pass
			Ant3	-16.61	0.11	-16.5	6.62	-9.88	24	Pass
			Ant4	-15.09	0.11	-14.98	6.62	-8.36	24	Pass
			Sum					-2.39	24	Pass
		6515	Ant1	-13.65	0.13	-13.52	6.62	-6.9	24	Pass
			Ant2	-15.55	0.13	-15.42	6.62	-8.8	24	Pass
			Ant3	-16.64	0.13	-16.51	6.62	-9.89	24	Pass
			Ant4	-15.52	0.13	-15.39	6.62	-8.77	24	Pass
			Sum					-2.43	24	Pass

		6535	Ant1	-13.21	0	-13.21	6.62	-6.59	24	Pass
			Ant2	-14.74	0	-14.74	6.62	-8.12	24	Pass
			Ant3	-15.97	0	-15.97	6.62	-9.35	24	Pass
			Ant4	-14.86	0	-14.86	6.62	-8.24	24	Pass
			Sum					-1.94	24	Pass
		6695	Ant1	-12.61	0.14	-12.47	6.62	-5.85	24	Pass
			Ant2	-9.72	0.14	-9.58	6.62	-2.96	24	Pass
			Ant3	-13.04	0.14	-12.9	6.62	-6.28	24	Pass
			Ant4	-12.13	0.14	-11.99	6.62	-5.37	24	Pass
			Sum					1.11	24	Pass
		6855	Ant1	-16.57	0.11	-16.46	6.62	-9.84	24	Pass
			Ant2	-16.01	0.11	-15.9	6.62	-9.28	24	Pass
			Ant3	-17.92	0.11	-17.81	6.62	-11.19	24	Pass
			Ant4	-16.71	0.11	-16.6	6.62	-9.98	24	Pass
			Sum					-4	24	Pass
		6875	Ant1	-16.48	0	-16.48	6.62	-9.86	24	Pass
			Ant2	-16.2	0	-16.2	6.62	-9.58	24	Pass
			Ant3	-18.56	0	-18.56	6.62	-11.94	24	Pass
			Ant4	-16.57	0	-16.57	6.62	-9.95	24	Pass
			Sum					-4.22	24	Pass
		6895	Ant1	-19.41	0	-19.41	6.62	-12.79	24	Pass
			Ant2	-18.95	0	-18.95	6.62	-12.33	24	Pass
			Ant3	-20.95	0	-20.95	6.62	-14.33	24	Pass
			Ant4	-18.66	0	-18.66	6.62	-12.04	24	Pass
			Sum					-6.77	24	Pass
		6995	Ant1	-19.58	0	-19.58	6.62	-12.96	24	Pass
			Ant2	-20.83	0	-20.83	6.62	-14.21	24	Pass
			Ant3	-19.86	0	-19.86	6.62	-13.24	24	Pass
			Ant4	-17.52	0	-17.52	6.62	-10.9	24	Pass
			Sum					-6.63	24	Pass
		7115	Ant1	-19.52	0	-19.52	6.62	-12.9	24	Pass
			Ant2	-20.53	0	-20.53	6.62	-13.91	24	Pass
			Ant3	-20.16	0	-20.16	6.62	-13.54	24	Pass
			Ant4	-18.33	0	-18.33	6.62	-11.71	24	Pass
			Sum					-6.91	24	Pass
	ax40	5965	Ant1	5.41	0	5.41	6.62	12.03	24	Pass
		6165		7.57	0	7.57	6.62	14.19	24	Pass
		6405		7.59	0	7.59	6.62	14.21	24	Pass
		6445		7.9	0	7.9	6.62	14.52	24	Pass
		6485		5.45	0.11	5.56	6.62	12.18	24	Pass
		6525		5.46	0	5.46	6.62	12.08	24	Pass
		6565		8.46	0	8.46	6.62	15.08	24	Pass
		6685		8.27	0	8.27	6.62	14.89	24	Pass
		6845		4.95	0.14	5.09	6.62	11.71	24	Pass

		6885		6.15	0.11	6.26	6.62	12.88	24	Pass
		6925		6.19	0	6.19	6.62	12.81	24	Pass
		6965		4.69	0.12	4.81	6.62	11.43	24	Pass
		7085		7.35	0.1	7.45	6.62	14.07	24	Pass
		5965		8.35	0	8.35	6.62	14.97	24	Pass
		6165		8.47	0	8.47	6.62	15.09	24	Pass
		6405		6.87	0	6.87	6.62	13.49	24	Pass
		6445		6.91	0	6.91	6.62	13.53	24	Pass
		6485		7.33	0	7.33	6.62	13.95	24	Pass
		6525		7.33	0.14	7.47	6.62	14.09	24	Pass
		6565	Ant2	7.96	0.11	8.07	6.62	14.69	24	Pass
		6685		8.97	0	8.97	6.62	15.59	24	Pass
		6845		6.42	0	6.42	6.62	13.04	24	Pass
		6885		6.53	0	6.53	6.62	13.15	24	Pass
		6925		6.01	0.13	6.14	6.62	12.76	24	Pass
		6965		2.56	0	2.56	6.62	9.18	24	Pass
		7085		8.65	0.14	8.79	6.62	15.41	24	Pass
		5965		5.46	0	5.46	6.62	12.08	24	Pass
		6165		8.68	0	8.68	6.62	15.3	24	Pass
		6405		11.18	0	11.18	6.62	17.8	24	Pass
		6445		7.39	0	7.39	6.62	14.01	24	Pass
		6485		8.51	0	8.51	6.62	15.13	24	Pass
		6525		8.29	0	8.29	6.62	14.91	24	Pass
		6565	Ant3	8.42	0.1	8.52	6.62	15.14	24	Pass
		6685		8.56	0	8.56	6.62	15.18	24	Pass
		6845		7.2	0.1	7.3	6.62	13.92	24	Pass
		6885		5.7	0	5.7	6.62	12.32	24	Pass
		6925		5.83	0	5.83	6.62	12.45	24	Pass
		6965		6.7	0.12	6.82	6.62	13.44	24	Pass
		7085		7.22	0.1	7.32	6.62	13.94	24	Pass
		5965		7.94	0.11	8.05	6.62	14.67	24	Pass
		6165		6.96	0.14	7.1	6.62	13.72	24	Pass
		6405		7.55	0	7.55	6.62	14.17	24	Pass
		6445		7.69	0	7.69	6.62	14.31	24	Pass
		6485		8.67	0	8.67	6.62	15.29	24	Pass
		6525		8.36	0	8.36	6.62	14.98	24	Pass
		6565	Ant4	6.6	0.12	6.72	6.62	13.34	24	Pass
		6685		7.68	0.1	7.78	6.62	14.4	24	Pass
		6845		6.51	0	6.51	6.62	13.13	24	Pass
		6885		5.61	0	5.61	6.62	12.23	24	Pass
		6925		5.46	0.1	5.56	6.62	12.18	24	Pass
		6965		6.93	0	6.93	6.62	13.55	24	Pass
		7085		7.58	0.12	7.7	6.62	14.32	24	Pass
		5965	Ant1	-8.56	0.11	-8.45	6.62	-1.83	24	Pass

			Ant2	-9.92	0.11	-9.81	6.62	-3.19	24	Pass
			Ant3	-14.87	0.11	-14.76	6.62	-8.14	24	Pass
			Ant4	-12.75	0.11	-12.64	6.62	-6.02	24	Pass
			Sum					1.87	24	Pass
		6165	Ant1	-9.78	0	-9.78	6.62	-3.16	24	Pass
			Ant2	-11	0	-11	6.62	-4.38	24	Pass
			Ant3	-10.84	0	-10.84	6.62	-4.22	24	Pass
			Ant4	-8.53	0	-8.53	6.62	-1.91	24	Pass
			Sum					2.72	24	Pass
		6405	Ant1	-11.69	0	-11.69	6.62	-5.07	24	Pass
			Ant2	-12.49	0	-12.49	6.62	-5.87	24	Pass
			Ant3	-13.35	0	-13.35	6.62	-6.73	24	Pass
			Ant4	-11.75	0	-11.75	6.62	-5.13	24	Pass
			Sum					0.37	24	Pass
		6445	Ant1	-11.14	0.1	-11.04	6.62	-4.42	24	Pass
			Ant2	-12.17	0.1	-12.07	6.62	-5.45	24	Pass
			Ant3	-13.54	0.1	-13.44	6.62	-6.82	24	Pass
			Ant4	-11.64	0.1	-11.54	6.62	-4.92	24	Pass
			Sum					0.71	24	Pass
		6485	Ant1	-11.34	0	-11.34	6.62	-4.72	24	Pass
			Ant2	-12.78	0	-12.78	6.62	-6.16	24	Pass
			Ant3	-13.94	0	-13.94	6.62	-7.32	24	Pass
			Ant4	-12.52	0	-12.52	6.62	-5.9	24	Pass
			Sum					0.09	24	Pass
		6525	Ant1	-11.26	0.14	-11.12	6.62	-4.5	24	Pass
			Ant2	-12.79	0.14	-12.65	6.62	-6.03	24	Pass
			Ant3	-13.88	0.14	-13.74	6.62	-7.12	24	Pass
			Ant4	-12.8	0.14	-12.66	6.62	-6.04	24	Pass
			Sum					0.2	24	Pass
		6565	Ant1	-12.17	0.14	-12.03	6.62	-5.41	24	Pass
			Ant2	-11.78	0.14	-11.64	6.62	-5.02	24	Pass
			Ant3	-14.41	0.14	-14.27	6.62	-7.65	24	Pass
			Ant4	-13.38	0.14	-13.24	6.62	-6.62	24	Pass
			Sum					-0.03	24	Pass
		6685	Ant1	-12.62	0	-12.62	6.62	-6	24	Pass
			Ant2	-9.89	0	-9.89	6.62	-3.27	24	Pass
			Ant3	-13.24	0	-13.24	6.62	-6.62	24	Pass
			Ant4	-12.28	0	-12.28	6.62	-5.66	24	Pass
			Sum					0.83	24	Pass
		6845	Ant1	-8.74	0	-8.74	6.62	-2.12	24	Pass
			Ant2	-8.07	0	-8.07	6.62	-1.45	24	Pass
			Ant3	-9.82	0	-9.82	6.62	-3.2	24	Pass
			Ant4	-8.97	0	-8.97	6.62	-2.35	24	Pass
			Sum					3.79	24	Pass

	ax80	6885	Ant1	-11.2	0.13	-11.07	6.62	-4.45	24	Pass
			Ant2	-10.6	0.13	-10.47	6.62	-3.85	24	Pass
			Ant3	-13.17	0.13	-13.04	6.62	-6.42	24	Pass
			Ant4	-10.64	0.13	-10.51	6.62	-3.89	24	Pass
			Sum					1.48	24	Pass
		6925	Ant1	-11.53	0.12	-11.41	6.62	-4.79	24	Pass
			Ant2	-12.05	0.12	-11.93	6.62	-5.31	24	Pass
			Ant3	-12.83	0.12	-12.71	6.62	-6.09	24	Pass
			Ant4	-11.18	0.12	-11.06	6.62	-4.44	24	Pass
			Sum					0.91	24	Pass
		6965	Ant1	-11.35	0	-11.35	6.62	-4.73	24	Pass
			Ant2	-12.75	0	-12.75	6.62	-6.13	24	Pass
			Ant3	-12.03	0	-12.03	6.62	-5.41	24	Pass
			Ant4	-9.5	0	-9.5	6.62	-2.88	24	Pass
			Sum					1.41	24	Pass
		7085	Ant1	-11.16	0.1	-11.06	6.62	-4.44	24	Pass
			Ant2	-12.32	0.1	-12.22	6.62	-5.6	24	Pass
			Ant3	-12.42	0.1	-12.32	6.62	-5.7	24	Pass
			Ant4	-10.41	0.1	-10.31	6.62	-3.69	24	Pass
			Sum					1.24	24	Pass
		5985	Ant1	7.78	0	7.78	6.62	14.4	24	Pass
		6145		11.42	0	11.42	6.62	18.04	24	Pass
		6385		12.13	0	12.13	6.62	18.75	24	Pass
		6465		11.23	0.14	11.37	6.62	17.99	24	Pass
		6545		10.87	0.1	10.97	6.62	17.59	24	Pass
		6625		10.85	0.13	10.98	6.62	17.6	24	Pass
		6705		11.17	0.1	11.27	6.62	17.89	24	Pass
		6785		8.76	0	8.76	6.62	15.38	24	Pass
		6865		8.18	0.11	8.29	6.62	14.91	24	Pass
		6945		8.17	0.12	8.29	6.62	14.91	24	Pass
		7025		8.17	0	8.17	6.62	14.79	24	Pass
		5985	Ant2	10.84	0	10.84	6.62	17.46	24	Pass
		6145		10.81	0	10.81	6.62	17.43	24	Pass
		6385		11.45	0	11.45	6.62	18.07	24	Pass
		6465		11.46	0.12	11.58	6.62	18.2	24	Pass
		6545		11.2	0.13	11.33	6.62	17.95	24	Pass
		6625		11.39	0.11	11.5	6.62	18.12	24	Pass
		6705		11.37	0	11.37	6.62	17.99	24	Pass
		6785		9.29	0	9.29	6.62	15.91	24	Pass
		6865		7.84	0	7.84	6.62	14.46	24	Pass
		6945		8.29	0	8.29	6.62	14.91	24	Pass
		7025		9.12	0.11	9.23	6.62	15.85	24	Pass
		5985	Ant3	8.56	0	8.56	6.62	15.18	24	Pass
		6145		11.03	0.1	11.13	6.62	17.75	24	Pass

		6385		11.61	0	11.61	6.62	18.23	24	Pass
		6465		6.68	0	6.68	6.62	13.3	24	Pass
		6545		10.86	0.13	10.99	6.62	17.61	24	Pass
		6625		10.81	0.13	10.94	6.62	17.56	24	Pass
		6705		10.72	0.1	10.82	6.62	17.44	24	Pass
		6785		8.81	0.12	8.93	6.62	15.55	24	Pass
		6865		7.11	0.13	7.24	6.62	13.86	24	Pass
		6945		6.7	0	6.7	6.62	13.32	24	Pass
		7025		4.89	0	4.89	6.62	11.51	24	Pass
		6145	Ant4	11.81	0.13	11.94	6.62	18.56	24	Pass
		6385		11.98	0	11.98	6.62	18.6	24	Pass
		6465		11.93	0	11.93	6.62	18.55	24	Pass
		6545		11	0.11	11.11	6.62	17.73	24	Pass
		6625		11.86	0	11.86	6.62	18.48	24	Pass
		6705		11.09	0.12	11.21	6.62	17.83	24	Pass
		6785		9.35	0.1	9.45	6.62	16.07	24	Pass
		6865		7.97	0	7.97	6.62	14.59	24	Pass
		6945		7.14	0	7.14	6.62	13.76	24	Pass
		7025		5.08	0	5.08	6.62	11.7	24	Pass
		5985	Ant1	-1.25	0.12	-1.13	6.62	5.49	24	Pass
			Ant2	-2.15	0.12	-2.03	6.62	4.59	24	Pass
			Ant3	-7.44	0.12	-7.32	6.62	-0.7	24	Pass
			Ant4	-4.92	0.12	-4.8	6.62	1.82	24	Pass
			Sum					9.44	24	Pass
		6145	Ant1	-4.16	0.1	-4.06	6.62	2.56	24	Pass
			Ant2	-5.04	0.1	-4.94	6.62	1.68	24	Pass
			Ant3	-5.34	0.1	-5.24	6.62	1.38	24	Pass
			Ant4	-2.92	0.1	-2.82	6.62	3.8	24	Pass
			Sum					8.48	24	Pass
		6385	Ant1	-6.59	0.11	-6.48	6.62	0.14	24	Pass
			Ant2	-8.38	0.11	-8.27	6.62	-1.65	24	Pass
			Ant3	-8.29	0.11	-8.18	6.62	-1.56	24	Pass
			Ant4	-6.29	0.11	-6.18	6.62	0.44	24	Pass
			Sum					5.47	24	Pass
		6465	Ant1	-5.73	0	-5.73	6.62	0.89	24	Pass
			Ant2	-6.93	0	-6.93	6.62	-0.31	24	Pass
			Ant3	-8.24	0	-8.24	6.62	-1.62	24	Pass
			Ant4	-6.58	0	-6.58	6.62	0.04	24	Pass
			Sum					5.86	24	Pass
		6545	Ant1	-5.95	0	-5.95	6.62	0.67	24	Pass
			Ant2	-7.26	0	-7.26	6.62	-0.64	24	Pass
			Ant3	-8.37	0	-8.37	6.62	-1.75	24	Pass
			Ant4	-7.41	0	-7.41	6.62	-0.79	24	Pass
			Sum					5.48	24	Pass

	ax160	6625	Ant1	-7.29	0.1	-7.19	6.62	-0.57	24	Pass
			Ant2	-5.8	0.1	-5.7	6.62	0.92	24	Pass
			Ant3	-8.85	0.1	-8.75	6.62	-2.13	24	Pass
			Ant4	-7.91	0.1	-7.81	6.62	-1.19	24	Pass
			Sum					5.42	24	Pass
		6705	Ant1	-7.12	0.1	-7.02	6.62	-0.4	24	Pass
			Ant2	-4.03	0.1	-3.93	6.62	2.69	24	Pass
			Ant3	-7.54	0.1	-7.44	6.62	-0.82	24	Pass
			Ant4	-6.51	0.1	-6.41	6.62	0.21	24	Pass
			Sum					6.67	24	Pass
		6785	Ant1	-10.35	0	-10.35	6.62	-3.73	24	Pass
			Ant2	-6.88	0	-6.88	6.62	-0.26	24	Pass
			Ant3	-11.06	0	-11.06	6.62	-4.44	24	Pass
			Ant4	-9.38	0	-9.38	6.62	-2.76	24	Pass
			Sum					3.53	24	Pass
		6865	Ant1	-9.7	0	-9.7	6.62	-3.08	24	Pass
			Ant2	-9.15	0	-9.15	6.62	-2.53	24	Pass
			Ant3	-11.14	0	-11.14	6.62	-4.52	24	Pass
			Ant4	-9.74	0	-9.74	6.62	-3.12	24	Pass
			Sum					2.77	24	Pass
		6945	Ant1	-12.44	0	-12.44	6.62	-5.82	24	Pass
			Ant2	-13.03	0	-13.03	6.62	-6.41	24	Pass
			Ant3	-13.85	0	-13.85	6.62	-7.23	24	Pass
			Ant4	-12.01	0	-12.01	6.62	-5.39	24	Pass
			Sum					-0.14	24	Pass
		7025	Ant1	-12.49	0	-12.49	6.62	-5.87	24	Pass
			Ant2	-14.1	0	-14.1	6.62	-7.48	24	Pass
			Ant3	-12.5	0	-12.5	6.62	-5.88	24	Pass
			Ant4	-10.33	0	-10.33	6.62	-3.71	24	Pass
			Sum					0.5	24	Pass
	ax160	6025	Ant1	12.89	0	12.89	6.62	19.51	24	Pass
		6185		13.83	0.11	13.94	6.62	20.56	24	Pass
		6345		13.42	0.16	13.58	6.62	20.2	24	Pass
		6505		10.34	0	10.34	6.62	16.96	24	Pass
		6665		12.82	0.14	12.96	6.62	19.58	24	Pass
		6825		10.05	0.11	10.16	6.62	16.78	24	Pass
		6985		12.68	0	12.68	6.62	19.3	24	Pass
		6025	Ant2	13.58	0.14	13.72	6.62	20.34	24	Pass
		6185		13.26	0.11	13.37	6.62	19.99	24	Pass
		6345		14.32	0	14.32	6.62	20.94	24	Pass
		6505		13.78	0.16	13.94	6.62	20.56	24	Pass
		6665		13.11	0.13	13.24	6.62	19.86	24	Pass
		6825		10.11	0.17	10.28	6.62	16.9	24	Pass
		6985		12.13	0	12.13	6.62	18.75	24	Pass

		6025	Ant3	12	0.12	12.12	6.62	18.74	24	Pass
		6185		13.76	0	13.76	6.62	20.38	24	Pass
		6345		13.9	0.12	14.02	6.62	20.64	24	Pass
		6505		12.66	0.12	12.78	6.62	19.4	24	Pass
		6665		12.47	0	12.47	6.62	19.09	24	Pass
		6825		10.46	0.1	10.56	6.62	17.18	24	Pass
		6985		9.82	0	9.82	6.62	16.44	24	Pass
		6025	Ant4	11.59	0.13	11.72	6.62	18.34	24	Pass
		6185		14.52	0	14.52	6.62	21.14	24	Pass
		6345		13.3	0.12	13.42	6.62	20.04	24	Pass
		6505		13.84	0.12	13.96	6.62	20.58	24	Pass
		6665		13.5	0	13.5	6.62	20.12	24	Pass
		6825		10.4	0.14	10.54	6.62	17.16	24	Pass
		6985		12.49	0	12.49	6.62	19.11	24	Pass
		6025	Ant1	-0.33	0	-0.33	6.62	6.29	24	Pass
			Ant2	-1.57	0	-1.57	6.62	5.05	24	Pass
			Ant3	-5.19	0	-5.19	6.62	1.43	24	Pass
			Ant4	-2.3	0	-2.3	6.62	4.32	24	Pass
			Sum					10.63	24	Pass
		6185	Ant1	-3.2	0.16	-3.04	6.62	3.58	24	Pass
			Ant2	-4.2	0.16	-4.04	6.62	2.58	24	Pass
			Ant3	-4.4	0.16	-4.24	6.62	2.38	24	Pass
			Ant4	-2.02	0.16	-1.86	6.62	4.76	24	Pass
			Sum					9.45	24	Pass
		6345	Ant1	-4.19	0.13	-4.06	6.62	2.56	24	Pass
			Ant2	-5.81	0.13	-5.68	6.62	0.94	24	Pass
			Ant3	-5.94	0.13	-5.81	6.62	0.81	24	Pass
			Ant4	-3.94	0.13	-3.81	6.62	2.81	24	Pass
			Sum					7.9	24	Pass
		6505	Ant1	-4.44	0.16	-4.28	6.62	2.34	24	Pass
			Ant2	-5.69	0.16	-5.53	6.62	1.09	24	Pass
			Ant3	-7.25	0.16	-7.09	6.62	-0.47	24	Pass
			Ant4	-5.85	0.16	-5.69	6.62	0.93	24	Pass
			Sum					7.11	24	Pass
		6665	Ant1	-4.34	0	-4.34	6.62	2.28	24	Pass
			Ant2	-2	0	-2	6.62	4.62	24	Pass
			Ant3	-5.35	0	-5.35	6.62	1.27	24	Pass
			Ant4	-4.46	0	-4.46	6.62	2.16	24	Pass
			Sum					8.79	24	Pass
		6825	Ant1	-6.31	0.12	-6.19	6.62	0.43	24	Pass
			Ant2	-5.31	0.12	-5.19	6.62	1.43	24	Pass
			Ant3	-7.43	0.12	-7.31	6.62	-0.69	24	Pass
			Ant4	-6.31	0.12	-6.19	6.62	0.43	24	Pass
			Sum					6.48	24	Pass

		6985	Ant1	-7.41	0.1	-7.31	6.62	-0.69	24	Pass
			Ant2	-8.92	0.1	-8.82	6.62	-2.2	24	Pass
			Ant3	-7.93	0.1	-7.83	6.62	-1.21	24	Pass
			Ant4	-5.63	0.1	-5.53	6.62	1.09	24	Pass
			Sum					5.44	24	Pass

Appendix 3: Maximum power spectral density

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	5955	Ant1	-7.95	6.62	-1.33	-1	Pass
NVNT	ax20	6175	Ant1	-7.73	6.62	-1.11	-1	Pass
NVNT	ax20	6415	Ant1	-8.7	6.62	-1.99	-1	Pass
NVNT	ax20	6435	Ant1	-8.6	6.62	-1.87	-1	Pass
NVNT	ax20	6475	Ant1	-8.14	6.62	-1.52	-1	Pass
NVNT	ax20	6515	Ant1	-10.11	6.62	-3.49	-1	Pass
NVNT	ax20	6535	Ant1	-10.3	6.62	-3.68	-1	Pass
NVNT	ax20	6695	Ant1	-8.39	6.62	-1.65	-1	Pass
NVNT	ax20	6855	Ant1	-11.93	6.62	-5.31	-1	Pass
NVNT	ax20	6875	Ant1	-9.77	6.62	-3.15	-1	Pass
NVNT	ax20	6895	Ant1	-8.31	6.62	-1.58	-1	Pass
NVNT	ax20	6995	Ant1	-9.79	6.62	-3.17	-1	Pass
NVNT	ax20	7115	Ant1	-9.25	6.62	-2.63	-1	Pass
NVNT	ax20	5955	Ant2	-8.97	6.62	-2.35	-1	Pass
NVNT	ax20	6175	Ant2	-8.75	6.62	-2.01	-1	Pass
NVNT	ax20	6415	Ant2	-8.55	6.62	-1.81	-1	Pass
NVNT	ax20	6435	Ant2	-8.4	6.62	-1.78	-1	Pass
NVNT	ax20	6475	Ant2	-9.06	6.62	-2.44	-1	Pass
NVNT	ax20	6515	Ant2	-10.07	6.62	-3.45	-1	Pass
NVNT	ax20	6535	Ant2	-8.78	6.62	-2.16	-1	Pass
NVNT	ax20	6695	Ant2	-8.4	6.62	-1.78	-1	Pass
NVNT	ax20	6855	Ant2	-12.65	6.62	-6.03	-1	Pass
NVNT	ax20	6875	Ant2	-10.67	6.62	-4.05	-1	Pass
NVNT	ax20	6895	Ant2	-10.9	6.62	-4.28	-1	Pass
NVNT	ax20	6995	Ant2	-11.42	6.62	-4.67	-1	Pass
NVNT	ax20	7115	Ant2	-9.51	6.62	-2.75	-1	Pass
NVNT	ax20	5955	Ant3	-10.34	6.62	-3.72	-1	Pass
NVNT	ax20	6175	Ant3	-8	6.62	-1.38	-1	Pass
NVNT	ax20	6415	Ant3	-8.22	6.62	-1.6	-1	Pass
NVNT	ax20	6435	Ant3	-8.83	6.62	-2.21	-1	Pass
NVNT	ax20	6475	Ant3	-9.13	6.62	-2.4	-1	Pass
NVNT	ax20	6515	Ant3	-9.71	6.62	-2.96	-1	Pass
NVNT	ax20	6535	Ant3	-9.47	6.62	-2.71	-1	Pass
NVNT	ax20	6695	Ant3	-9.82	6.62	-3.07	-1	Pass
NVNT	ax20	6855	Ant3	-11.98	6.62	-5.25	-1	Pass
NVNT	ax20	6875	Ant3	-12.08	6.62	-5.35	-1	Pass
NVNT	ax20	6895	Ant3	-13.4	6.62	-6.78	-1	Pass
NVNT	ax20	6995	Ant3	-8.8	6.62	-2.05	-1	Pass

NVNT	ax20	7115	Ant3	-10.35	6.62	-3.73	-1	Pass
NVNT	ax20	5935	Ant4	-9.08	6.62	-2.46	-1	Pass
NVNT	ax20	6175	Ant4	-7.72	6.62	-1.1	-1	Pass
NVNT	ax20	6415	Ant4	-7.9	6.62	-1.28	-1	Pass
NVNT	ax20	6435	Ant4	-8.48	6.62	-1.86	-1	Pass
NVNT	ax20	6475	Ant4	-8.37	6.62	-1.75	-1	Pass
NVNT	ax20	6515	Ant4	-9.01	6.62	-2.28	-1	Pass
NVNT	ax20	6535	Ant4	-9.21	6.62	-2.59	-1	Pass
NVNT	ax20	6695	Ant4	-9.01	6.62	-2.29	-1	Pass
NVNT	ax20	6855	Ant4	-9.95	6.62	-3.33	-1	Pass
NVNT	ax20	6875	Ant4	-9.32	6.62	-2.7	-1	Pass
NVNT	ax20	6895	Ant4	-10.6	6.62	-3.98	-1	Pass
NVNT	ax20	6995	Ant4	-8.78	6.62	-2.16	-1	Pass
NVNT	ax20	7115	Ant4	-7.69	6.62	-1.07	-1	Pass
NVNT	ax20	5955	Ant1	-21.65	6.62	-15.03	-1	Pass
NVNT	ax20	5955	Ant2	-23.42	6.62	-16.8	-1	Pass
NVNT	ax20	5955	Ant3	-28.28	6.62	-21.66	-1	Pass
NVNT	ax20	5955	Ant4	-25.71	6.62	-19.09	-1	Pass
NVNT	ax20	5955	Sum	-18.08	12.64	-5.44	-1	Pass
NVNT	ax20	6175	Ant1	-25.1	6.62	-18.35	-1	Pass
NVNT	ax20	6175	Ant2	-26.56	6.62	-19.81	-1	Pass
NVNT	ax20	6175	Ant3	-26.23	6.62	-19.48	-1	Pass
NVNT	ax20	6175	Ant4	-23.76	6.62	-17.01	-1	Pass
NVNT	ax20	6175	Sum	-19.25	12.64	-6.61	-1	Pass
NVNT	ax20	6415	Ant1	-26.28	6.62	-19.51	-1	Pass
NVNT	ax20	6415	Ant2	-26.97	6.62	-20.2	-1	Pass
NVNT	ax20	6415	Ant3	-28.39	6.62	-21.62	-1	Pass
NVNT	ax20	6415	Ant4	-26.71	6.62	-19.94	-1	Pass
NVNT	ax20	6415	Sum	-21.00	12.64	-8.36	-1	Pass
NVNT	ax20	6435	Ant1	-27.33	6.62	-20.58	-1	Pass
NVNT	ax20	6435	Ant2	-27.88	6.62	-21.13	-1	Pass
NVNT	ax20	6435	Ant3	-29.8	6.62	-23.05	-1	Pass
NVNT	ax20	6435	Ant4	-27.59	6.62	-20.84	-1	Pass
NVNT	ax20	6435	Sum	-22.03	12.64	-9.39	-1	Pass
NVNT	ax20	6475	Ant1	-27.05	6.62	-20.43	-1	Pass
NVNT	ax20	6475	Ant2	-28.37	6.62	-21.75	-1	Pass
NVNT	ax20	6475	Ant3	-29.77	6.62	-23.15	-1	Pass
NVNT	ax20	6475	Ant4	-28.63	6.62	-22.01	-1	Pass
NVNT	ax20	6475	Sum	-22.33	12.64	-9.69	-1	Pass
NVNT	ax20	6515	Ant1	-27.08	6.62	-20.33	-1	Pass
NVNT	ax20	6515	Ant2	-28.72	6.62	-21.97	-1	Pass
NVNT	ax20	6515	Ant3	-30.13	6.62	-23.38	-1	Pass
NVNT	ax20	6515	Ant4	-28.9	6.62	-22.15	-1	Pass
NVNT	ax20	6515	Sum	-22.55	12.64	-9.91	-1	Pass

NVNT	ax20	6535	Ant1	-26.21	6.62	-19.59	-1	Pass
NVNT	ax20	6535	Ant2	-27.66	6.62	-21.04	-1	Pass
NVNT	ax20	6535	Ant3	-29.41	6.62	-22.79	-1	Pass
NVNT	ax20	6535	Ant4	-28.11	6.62	-21.49	-1	Pass
NVNT	ax20	6535	Sum	-21.68	12.64	-9.04	-1	Pass
NVNT	ax20	6695	Ant1	-27.74	6.62	-20.98	-1	Pass
NVNT	ax20	6695	Ant2	-25.12	6.62	-18.36	-1	Pass
NVNT	ax20	6695	Ant3	-28.17	6.62	-21.41	-1	Pass
NVNT	ax20	6695	Ant4	-26.95	6.62	-20.19	-1	Pass
NVNT	ax20	6695	Sum	-20.81	12.64	-8.17	-1	Pass
NVNT	ax20	6855	Ant1	-29.88	6.62	-23.15	-1	Pass
NVNT	ax20	6855	Ant2	-29.18	6.62	-22.45	-1	Pass
NVNT	ax20	6855	Ant3	-31.25	6.62	-24.52	-1	Pass
NVNT	ax20	6855	Ant4	-30.16	6.62	-23.43	-1	Pass
NVNT	ax20	6855	Sum	-24.03	12.64	-11.39	-1	Pass
NVNT	ax20	6875	Ant1	-29.64	6.62	-23.02	-1	Pass
NVNT	ax20	6875	Ant2	-29.94	6.62	-23.32	-1	Pass
NVNT	ax20	6875	Ant3	-31.77	6.62	-25.15	-1	Pass
NVNT	ax20	6875	Ant4	-29.9	6.62	-23.28	-1	Pass
NVNT	ax20	6875	Sum	-24.21	12.64	-11.57	-1	Pass
NVNT	ax20	6895	Ant1	-32.64	6.62	-26.02	-1	Pass
NVNT	ax20	6895	Ant2	-31.87	6.62	-25.25	-1	Pass
NVNT	ax20	6895	Ant3	-34.31	6.62	-27.69	-1	Pass
NVNT	ax20	6895	Ant4	-31.97	6.62	-25.35	-1	Pass
NVNT	ax20	6895	Sum	-26.57	12.64	-13.93	-1	Pass
NVNT	ax20	6995	Ant1	-32.67	6.62	-26.05	-1	Pass
NVNT	ax20	6995	Ant2	-34.29	6.62	-27.67	-1	Pass
NVNT	ax20	6995	Ant3	-33.14	6.62	-26.52	-1	Pass
NVNT	ax20	6995	Ant4	-30.83	6.62	-24.21	-1	Pass
NVNT	ax20	6995	Sum	-26.53	12.64	-13.89	-1	Pass
NVNT	ax20	7115	Ant1	-32.75	6.62	-26.13	-1	Pass
NVNT	ax20	7115	Ant2	-34.29	6.62	-27.67	-1	Pass
NVNT	ax20	7115	Ant3	-33.33	6.62	-26.71	-1	Pass
NVNT	ax20	7115	Ant4	-31.84	6.62	-25.22	-1	Pass
NVNT	ax20	7115	Sum	-26.94	12.64	-14.30	-1	Pass
NVNT	ax40	5965	Ant1	-11.12	6.62	-4.5	-1	Pass
NVNT	ax40	6165	Ant1	-8.7	6.62	-2.08	-1	Pass
NVNT	ax40	6405	Ant1	-8.54	6.62	-1.92	-1	Pass
NVNT	ax40	6445	Ant1	-8.59	6.62	-1.97	-1	Pass
NVNT	ax40	6485	Ant1	-11.04	6.62	-4.31	-1	Pass
NVNT	ax40	6525	Ant1	-11.03	6.62	-4.41	-1	Pass
NVNT	ax40	6565	Ant1	-7.95	6.62	-1.33	-1	Pass
NVNT	ax40	6685	Ant1	-8.05	6.62	-1.43	-1	Pass
NVNT	ax40	6845	Ant1	-11.35	6.62	-4.59	-1	Pass