APPENDIX E

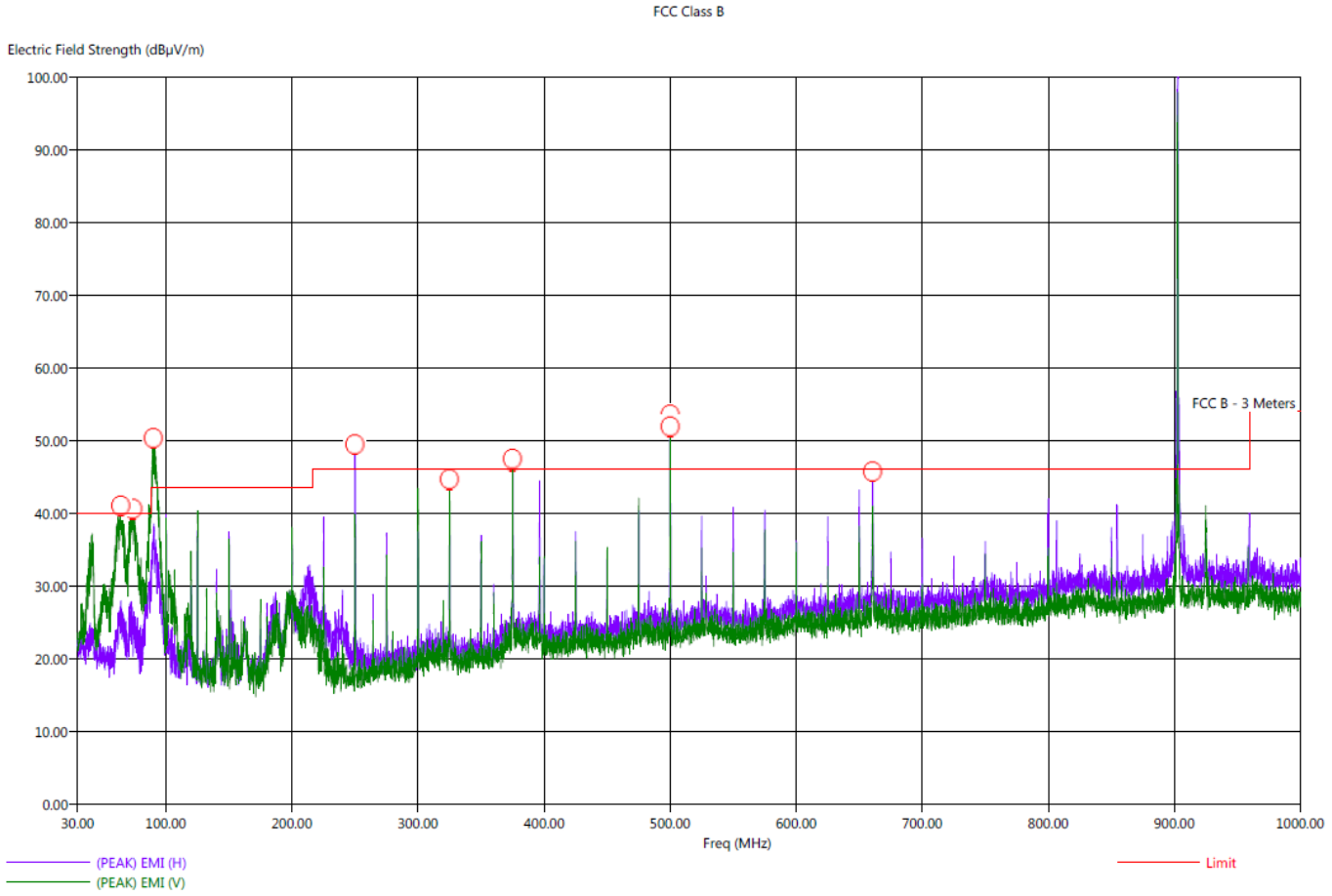
DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

Title: Pre-Scan - FCC Class B
File: 1 - LF - Pre-Scan - X-Axis - FCC Class B - External Antenna and PoE Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
Note: The Frequency from 902 MHz - 928 MHz are subject to the limits of FCC 15.247 instead
PoE Power and External Antenna

6/16/2023 10:49:23 AM
Sequence: Preliminary Scan



Title: Radiated Final - FCC Class B
File: 1 - LF - Final Scan - X-Axis - FCC Class B - External Antenna and PoE Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.6 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

6/16/2023 11:07:03 AM
Sequence: Final Measurements

FCC Class B

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
64.20	V	39.96	38.68	-0.04	-1.32	40.00	14.46	0.56	29.75	191.26
73.70	V	41.31	40.26	1.31	0.26	40.00	12.34	0.62	15.00	175.02
90.00	V	52.62	50.86	9.12	7.36	43.50	14.22	0.67	51.50	127.50
250.00	H	50.79	49.99	4.79	3.99	46.00	17.40	1.09	270.00	128.40
325.00	V	47.08	46.43	1.08	0.43	46.00	20.20	1.41	174.50	111.32
375.00	H	46.86	45.94	0.86	-0.06	46.00	22.40	1.50	109.00	111.56
375.00	V	46.87	46.04	0.87	0.04	46.00	22.40	1.50	164.25	127.32
500.00	H	52.92	52.20	6.92	6.20	46.00	23.10	1.78	239.25	191.14
500.00	V	52.94	52.35	6.94	6.35	46.00	23.10	1.78	360.00	127.20
660.60	H	48.81	47.91	2.81	1.91	46.00	25.76	2.09	64.75	255.08

The frequencies that were over the Class B limit were then retested to the Class A limits shown on the next page with the transmit function disabled because the EUT is a Class A device.

Title: Radiated Final - FCC Class A
File: 1 - LF - Final Scan - X-Axis - FCC Class A - External Antenna and PoE Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is exercising ethernet port, but the transmit function is disabled
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

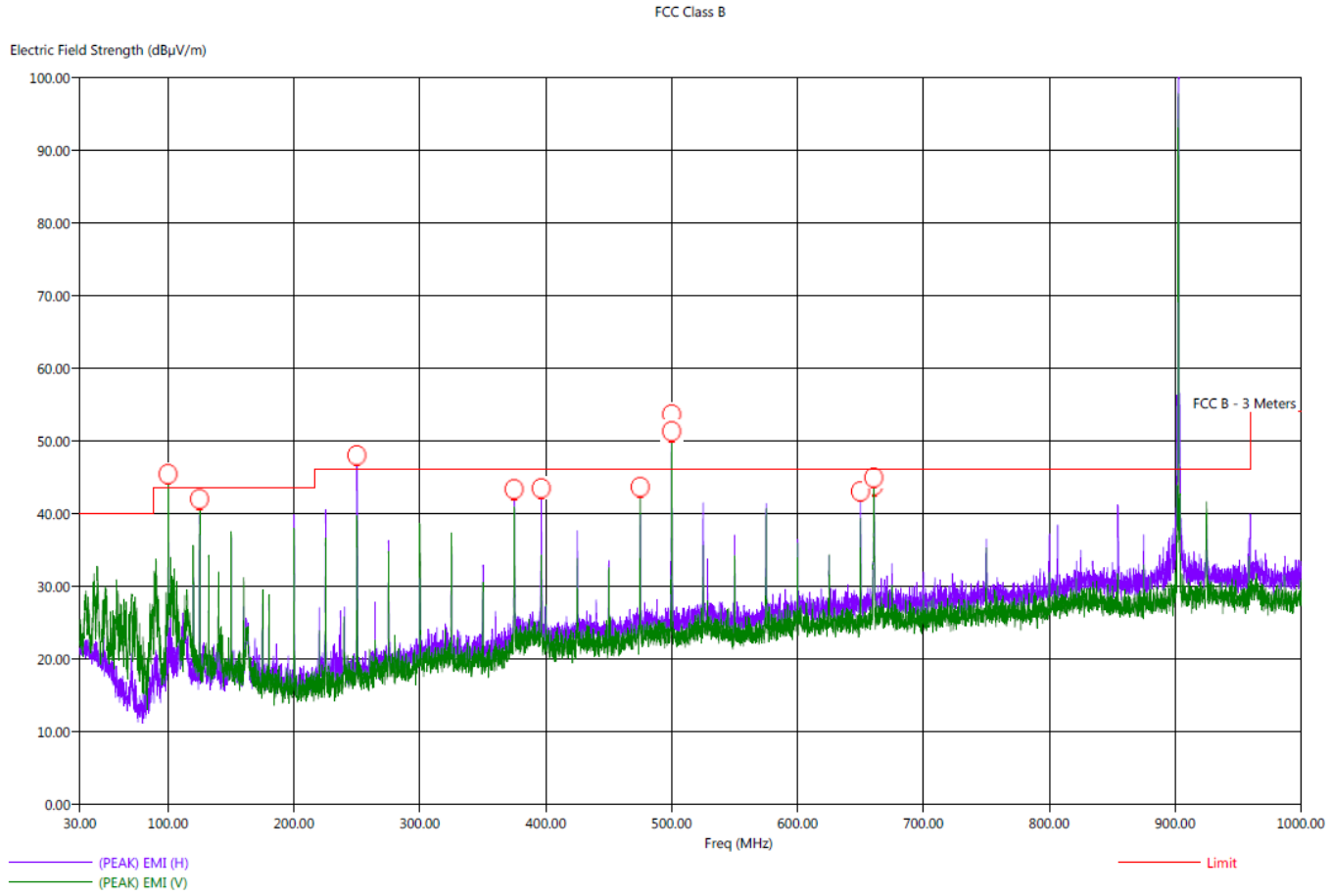
6/16/2023 11:39:37 AM
Sequence: Final Measurements

FCC Class A

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
73.70	V	41.52	40.72	-8.01	-8.81	49.53	12.32	0.62	23.50	143.26
90.00	V	52.63	50.87	-1.34	-3.10	53.97	14.21	0.67	54.50	111.14
250.00	H	50.89	50.03	-6.00	-6.86	56.89	17.40	1.09	274.25	175.38
325.00	V	47.12	46.57	-9.77	-10.32	56.89	20.20	1.41	174.25	111.02
375.00	H	46.89	45.99	-10.00	-10.90	56.89	22.39	1.50	114.25	127.32
375.00	V	47.02	46.13	-9.87	-10.76	56.89	22.40	1.50	163.25	127.68
500.00	H	54.48	54.02	-2.41	-10.76	56.89	23.10	1.78	242.50	207.14
500.00	V	54.53	54.08	-2.36	-2.81	56.89	23.10	1.78	360.00	111.32
660.60	H	48.98	47.95	-7.91	-8.94	56.89	25.76	2.09	75.75	111.44

Title: Pre-Scan - FCC Class B
File: 2 - LF - Pre-Scan - X-Axis - FCC Class B - External Antenna and External Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
Note: The Frequency from 902 MHz - 928 MHz are subject to the limits of FCC 15.247 instead
External Power and External Antenna

6/16/2023 12:41:07 PM
Sequence: Preliminary Scan



Title: Radiated Final - FCC Class B
File: 2 - LF - Final Scan - X-Axis - FCC Class B - External Antenna and External Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.6 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

6/16/2023 12:54:59 PM
Sequence: Final Measurements

FCC Class B

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
100.00	V	48.29	47.39	4.79	3.89	43.50	15.40	0.68	175.00	127.62
125.00	V	44.27	43.39	0.77	-0.11	43.50	16.80	0.82	144.75	111.44
250.00	H	47.06	46.29	1.06	0.29	46.00	17.40	1.09	273.75	158.49
375.00	H	43.86	42.11	-2.14	-3.89	46.00	22.40	1.50	118.00	127.20
396.40	H	42.71	41.71	-3.29	-4.29	46.00	22.63	1.54	284.50	271.14
475.00	V	45.68	44.05	-0.32	-1.95	46.00	23.40	1.71	360.00	111.32
500.00	H	53.33	52.79	7.33	6.79	46.00	23.10	1.78	129.00	207.08
500.00	V	54.66	53.88	8.66	7.88	46.00	23.10	1.78	12.00	127.26
650.00	H	44.53	42.48	-1.47	-3.52	46.00	25.30	2.07	20.25	111.74
660.60	H	49.03	44.94	3.03	-1.06	46.00	25.76	2.09	226.75	127.74
660.60	V	46.53	43.41	0.53	-2.59	46.00	25.76	2.09	360.00	111.74

The frequencies that were over the Class B limit were then retested to the Class A limits shown on the next page with the transmit function disabled because the EUT is a Class A device.

Title: Radiated Final - FCC Class A
File: 2 - LF - Final Scan - X-Axis - FCC Class A - External Antenna and External Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is exercising ethernet port, but the transmit function is disabled
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

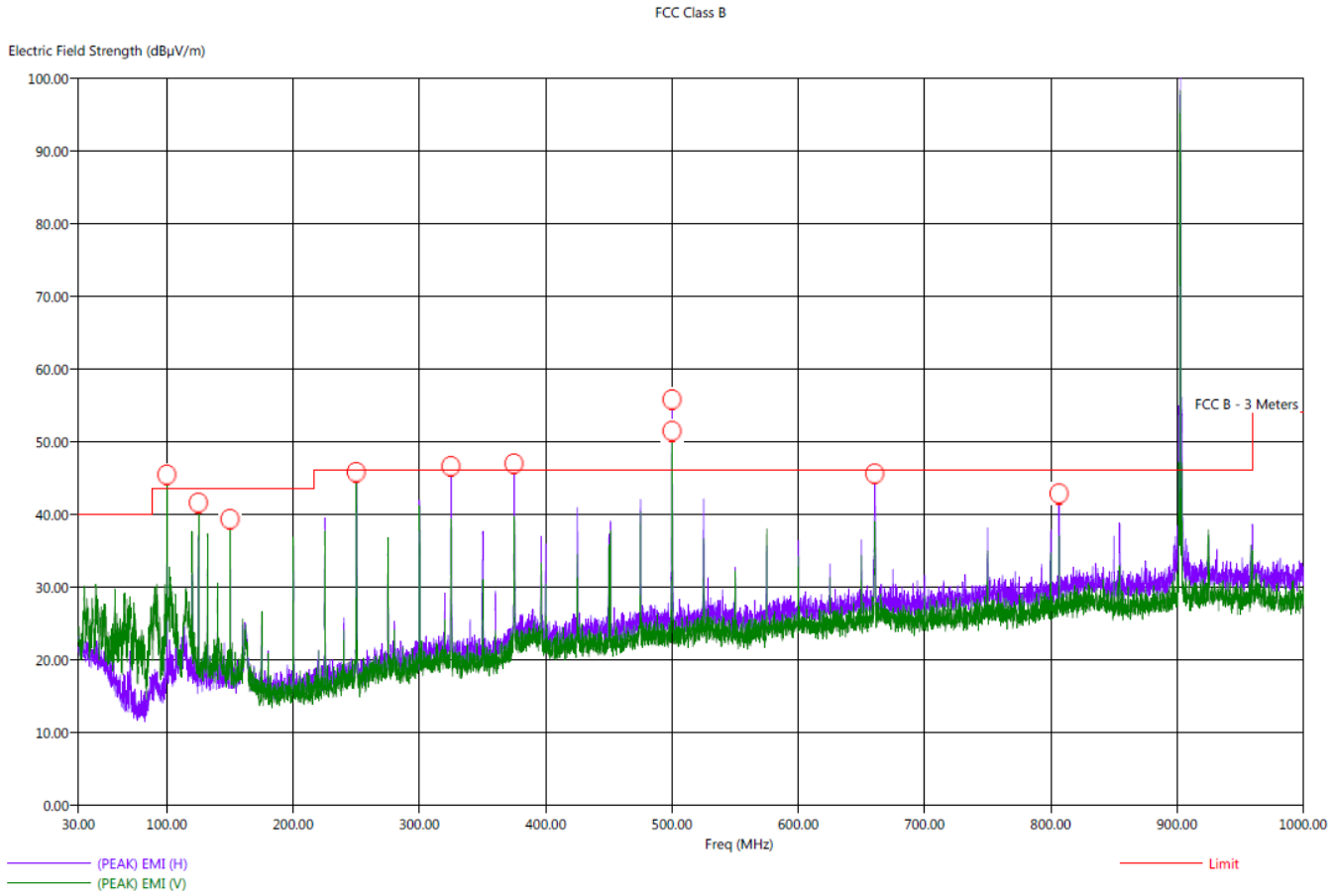
6/16/2023 1:23:30 PM
Sequence: Final Measurements

FCC Class A

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
100.00	V	48.52	47.49	-5.45	-6.48	53.97	15.40	0.68	167.25	143.26
125.00	V	44.73	44.06	-9.24	-9.91	53.97	16.80	0.82	149.75	126.85
250.00	H	47.73	47.44	-9.16	-9.45	56.89	17.40	1.09	285.00	111.44
500.00	H	54.41	53.85	-2.48	-3.04	56.89	23.10	1.78	116.75	190.97
500.00	V	55.95	55.36	-0.94	-1.53	56.89	23.10	1.78	14.50	111.26

Title: Pre-Scan - FCC Class B
File: 3 - LF - Pre-Scan - X-Axis - FCC Class B - Internal Antenna and External Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting transmitting at 912.62 MHz and Exercising Ethernet Port
Company:: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
Note: The Frequency from 902 MHz - 928 MHz are subject to the limits of FCC 15.247 instead
External Power and Internal Antenna

6/16/2023 2:47:27 PM
Sequence: Preliminary Scan



Title: Radiated Final - FCC Class B
File: 3 - LF - Final Scan - X-Axis - FCC Class B - Internal Antenna and External Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.6 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

6/16/2023 2:58:30 PM
Sequence: Final Measurements

FCC Class B

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
100.00	V	48.79	47.86	5.29	4.36	43.50	15.40	0.68	167.25	111.32
125.00	V	44.36	43.68	0.86	0.18	43.50	16.80	0.82	145.75	143.32
150.00	V	41.05	39.78	-2.45	-3.72	43.50	16.60	0.89	170.75	111.74
250.00	V	45.19	44.52	-0.81	-1.48	46.00	17.40	1.09	161.25	127.38
325.00	H	47.61	46.85	1.61	0.85	46.00	20.20	1.41	52.50	111.02
375.00	H	48.00	46.85	2.00	0.85	46.00	22.40	1.50	259.75	111.32
500.00	H	56.25	55.73	10.25	9.73	46.00	23.10	1.78	89.75	175.32
500.00	V	54.54	53.89	8.54	7.89	46.00	23.10	1.78	19.25	111.44
660.60	H	46.52	44.33	0.52	-1.67	46.00	25.76	2.09	89.25	239.26
806.60	H	43.63	42.09	-2.37	-3.91	46.00	27.16	2.47	28.75	175.02

The frequencies that were over the Class B limit were then retested to the Class A limits shown on the next page with the transmit function disabled because the EUT is a Class A device.

Title: Radiated Final - FCC Class A
File: 3 - LF - Final Scan - X-Axis - FCC Class A - Internal Antenna and External Power - 30 MHz to 1000 MHz - 06-16-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is exercising ethernet port, but the transmit function is disabled
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
Note: The Frequency from 902 MHz - 928 MHz are subject to the limits of FCC 15.247 instead
External Power and Internal Antenna

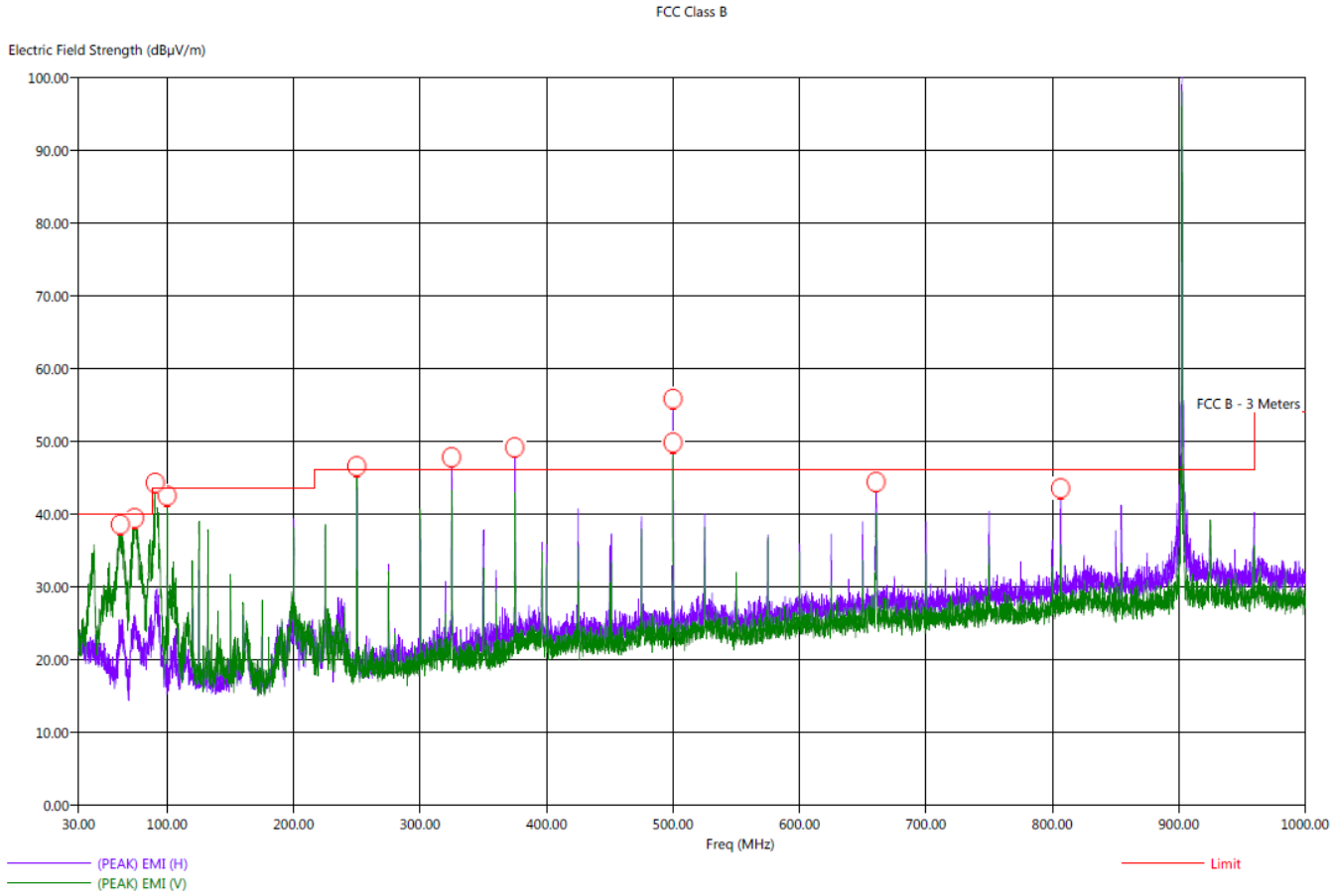
6/19/2023 5:57:00 AM
Sequence: Final Measurements

FCC Class A

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
100.00	V	49.57	48.56	-4.40	-5.41	53.97	15.40	0.68	149.25	175.02
125.00	V	44.52	43.95	-9.45	-10.02	53.97	16.80	0.82	144.00	143.50
325.00	H	47.83	46.93	-9.06	-9.96	56.89	20.20	1.41	65.00	111.08
375.00	H	48.73	47.61	-8.16	-9.28	56.89	22.40	1.50	259.00	110.73
500.00	H	56.34	55.79	-0.55	-1.10	56.89	23.10	1.78	280.75	206.73
500.00	V	55.56	54.98	-1.33	-1.91	56.89	23.10	1.78	15.75	111.44

Title: Pre-Scan - FCC Class B
File: 4 - LF - Pre-Scan - X-Axis - FCC Class B - Internal Antenna and PoE Power - 30 MHz to 1000 MHz - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
Note: The Frequency from 902 MHz - 928 MHz are subject to the limits of FCC 15.247 instead
PoE Power and Internal Antenna

6/19/2023 6:37:14 AM
Sequence: Preliminary Scan



Title: Radiated Final - FCC Class B
File: 4 - LF - Final Scan - X-Axis - FCC Class B - Internal Antenna and PoE Power - 30 MHz to 1000 MHz - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.6 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
Note: The Frequency from 902 MHz - 928 MHz are subject to the limits of FCC 15.247 instead
PoE Power and Internal Antenna

6/19/2023 6:46:20 AM
Sequence: Final Measurements

FCC Class B

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
63.00	V	38.85	37.45	-1.15	-2.55	40.00	14.88	0.55	207.00	111.56
74.30	V	41.11	40.37	1.11	0.37	40.00	12.29	0.62	48.25	111.62
90.50	V	45.16	44.47	1.66	0.97	43.50	14.29	0.67	359.50	143.26
100.00	V	44.75	43.69	1.25	0.19	43.50	15.40	0.68	156.75	111.08
250.00	V	47.20	46.75	1.20	0.75	46.00	17.40	1.09	176.25	111.20
325.00	H	46.73	45.82	0.73	-0.18	46.00	20.20	1.41	63.50	143.14
375.00	H	48.98	48.29	2.98	2.29	46.00	22.40	1.50	267.00	111.26
500.00	H	54.35	53.87	8.35	7.87	46.00	23.10	1.78	62.75	175.26
500.00	V	52.85	52.14	6.85	6.14	46.00	23.10	1.78	335.00	111.62
660.60	H	46.92	44.88	0.92	-1.12	46.00	25.76	2.09	98.50	239.20
806.60	H	44.22	42.95	-1.78	-3.05	46.00	27.16	2.47	16.75	175.14

The frequencies that were over the Class B limit were then retested to the Class A limits shown on the next page with the transmit function disabled because the EUT is a Class A device.

Title: Radiated Final - FCC Class A
File: 4 - LF - Final Scan - X-Axis - FCC Class A - Internal Antenna and PoE Power - 30 MHz to 1000 MHz - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is exercising ethernet port, but the transmit function is disabled
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

6/19/2023 7:17:33 AM
Sequence: Final Measurements

FCC Class A

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
74.30	V	41.26	40.48	-12.71	-13.49	53.97	15.40	0.68	153.50	143.14
90.50	V	45.27	44.53	-8.70	-9.44	53.97	16.80	0.82	116.50	111.14
100.00	V	44.91	43.78	-9.06	-10.19	53.97	16.60	0.89	225.50	111.02
250.00	V	47.25	46.85	-9.64	-10.04	56.89	17.40	1.09	182.50	159.44
325.00	H	47.61	46.79	-9.28	-10.10	56.89	20.20	1.41	250.25	111.32
375.00	H	49.46	48.59	-7.43	-8.30	56.89	22.40	1.50	257.25	111.38
500.00	H	54.46	53.90	-2.43	-2.99	56.89	23.10	1.78	57.00	175.26
500.00	V	52.88	52.18	-4.01	-4.71	56.89	23.12	1.78	235.00	302.79

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	56.93	V	73.97	-17.04	Peak	177.00	127.38	
2707.86	36.93	V	53.97	-17.04	Avg	177.00	127.38	
3610.48	40.14	V	73.97	-33.83	Peak	338.25	143.92	
3610.48	20.14	V	53.97	-33.83	Avg	338.25	143.92	
4513.10	53.54	V	73.97	-20.43	Peak	39.50	127.38	
4513.10	33.54	V	53.97	-20.43	Avg	39.50	127.38	
5415.72	49.06	V	73.97	-24.91	Peak	179.00	207.38	
5415.72	29.06	V	53.97	-24.91	Avg	179.00	207.38	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	49.89	V	73.97	-24.08	Peak	17.75	249.95	
8123.58	29.89	V	53.97	-24.08	Avg	17.75	249.95	
9026.20	46.72	V	73.97	-27.25	Peak	96.25	239.68	
9026.20	26.72	V	53.97	-27.25	Avg	96.25	239.68	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	55.75	V	73.97	-18.22	Peak	124.75	142.91	
2707.86	35.75	V	53.97	-18.22	Avg	124.75	142.91	
3610.48	42.63	V	73.97	-31.34	Peak	284.00	127.38	
3610.48	22.63	V	53.97	-31.34	Avg	281.00	127.38	
4513.10	53.25	V	73.97	-20.72	Peak	0.00	127.44	
4513.10	33.25	V	53.97	-20.72	Avg	0.00	127.44	
5415.72	48.95	V	73.97	-25.02	Peak	327.75	175.32	
5415.72	28.95	V	53.97	-25.02	Avg	327.75	175.32	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	52.77	V	73.97	-21.20	Peak	24.50	111.38	
8123.58	32.77	V	53.97	-21.20	Avg	24.50	111.38	
9026.20	48.16	V	73.97	-25.81	Peak	318.00	191.50	
9026.20	28.16	V	53.97	-25.81	Avg	318.00	191.50	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	55.93	V	73.97	-18.04	Peak	280.00	175.20	
2707.86	35.93	V	53.97	-18.04	Avg	280.00	175.20	
3610.48	48.10	V	73.97	-25.87	Peak	266.75	127.44	
3610.48	28.10	V	53.97	-25.87	Avg	266.75	127.44	
4513.10	59.57	V	73.97	-14.40	Peak	241.25	111.32	
4513.10	39.57	V	53.97	-14.40	Avg	241.25	111.32	
5415.72	46.55	V	73.97	-27.42	Peak	234.25	111.38	
5415.72	26.55	V	53.97	-27.42	Avg	234.25	111.38	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	54.70	V	73.97	-19.27	Peak	331.25	175.14	
8123.58	34.70	V	53.97	-19.27	Avg	331.25	175.14	
9026.20	48.64	V	73.97	-25.33	Peak	276.25	174.61	
9026.20	28.64	V	53.97	-25.33	Avg	276.25	174.61	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	58.76	H	73.97	-15.21	Peak	196.75	127.32	
2707.86	38.76	H	53.97	-15.21	Avg	196.75	127.32	
3610.48	42.21	H	73.97	-31.76	Peak	147.00	191.20	
3610.48	22.21	H	53.97	-31.76	Avg	147.00	191.20	
4513.10	49.59	H	73.97	-24.38	Peak	95.50	127.38	
4513.10	29.59	H	53.97	-24.38	Avg	95.50	127.38	
5415.72	44.34	H	73.97	-29.63	Peak	306.00	143.44	
5415.72	24.34	H	53.97	-29.63	Avg	306.00	143.44	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	55.80	H	73.97	-18.17	Peak	3.75	111.26	
8123.58	35.80	H	53.97	-18.17	Avg	3.75	111.26	
9026.20	45.28	H	73.97	-28.69	Peak	268.75	127.20	
9026.20	25.28	H	53.97	-28.69	Avg	268.75	127.20	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	61.57	H	73.97	-12.40	Peak	277.00	111.20	
2707.86	41.57	H	53.97	-12.40	Avg	277.00	111.20	
3610.48	49.13	H	73.97	-24.84	Peak	340.00	159.44	
3610.48	29.13	H	53.97	-24.84	Avg	340.00	159.44	
4513.10	59.27	H	73.97	-14.70	Peak	324.25	175.20	
4513.10	39.27	H	53.97	-14.70	Avg	324.25	175.20	
5415.72	47.88	H	73.97	-26.09	Peak	311.50	127.20	
5415.72	27.88	H	53.97	-26.09	Avg	311.50	127.20	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	52.22	H	73.97	-21.75	Peak	120.50	127.44	
8123.58	32.22	H	53.97	-21.75	Avg	120.50	127.44	
9026.20	48.91	H	73.97	-25.06	Peak	10.50	191.14	
9026.20	28.91	H	53.97	-25.06	Avg	10.50	191.14	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	56.33	H	73.97	-17.64	Peak	180.50	159.26	
2707.86	36.33	H	53.97	-17.64	Avg	180.50	159.26	
3610.48	43.81	H	73.97	-30.16	Peak	202.50	111.26	
3610.48	23.81	H	53.97	-30.16	Avg	202.50	111.26	
4513.10	55.91	H	73.97	-18.06	Peak	264.50	111.38	
4513.10	35.91	H	53.97	-18.06	Avg	264.50	111.38	
5415.72	49.35	H	73.97	-24.62	Peak	226.25	111.32	
5415.72	29.35	H	53.97	-24.62	Avg	226.25	111.32	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	56.94	H	73.97	-17.03	Peak	285.25	127.32	
8123.58	36.94	H	53.97	-17.03	Avg	285.25	127.32	
9026.20	48.94	H	73.97	-25.03	Peak	203.00	159.44	
9026.20	28.94	H	53.97	-25.03	Avg	203.00	159.44	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	53.66	V	73.97	-20.31	Peak	172.50	191.32	
2745.36	33.66	V	53.97	-20.31	Avg	172.50	191.32	
3660.48	41.09	V	73.97	-32.88	Peak	34.00	159.38	
3660.48	21.09	V	53.97	-32.88	Avg	34.00	159.38	
4575.60	50.92	V	73.97	-23.05	Peak	75.75	111.32	
4575.60	30.92	V	53.97	-23.05	Avg	75.75	111.32	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	45.59	V	73.97	-28.38	Peak	208.50	159.38	
7320.96	25.59	V	53.97	-28.38	Avg	208.50	159.38	
8236.08	47.85	V	73.97	-26.12	Peak	148.75	111.32	
8236.08	27.85	V	53.97	-26.12	Avg	148.75	111.32	
9151.20	44.56	V	73.97	-29.41	Peak	344.00	175.08	
9151.20	24.56	V	53.97	-29.41	Avg	344.00	175.08	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	50.88	V	73.97	-23.09	Peak	44.25	206.91	
2745.36	30.88	V	53.97	-23.09	Avg	44.25	206.91	
3660.48	48.51	V	73.97	-25.46	Peak	225.00	143.20	
3660.48	28.51	V	53.97	-25.46	Avg	225.00	143.20	
4575.60	56.42	V	73.97	-17.55	Peak	246.00	111.20	
4575.60	36.42	V	53.97	-17.55	Avg	246.00	111.20	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	45.21	V	73.97	-28.76	Peak	57.00	207.26	
7320.96	25.21	V	53.97	-28.76	Avg	57.00	207.26	
8236.08	54.14	V	73.97	-19.83	Peak	337.50	175.32	
8236.08	34.14	V	53.97	-19.83	Avg	337.50	175.32	
9151.20	45.17	V	73.97	-28.80	Peak	149.75	159.08	
9151.20	25.17	V	53.97	-28.80	Avg	149..75	159.08	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	55.12	V	73.97	-18.85	Peak	139.00	175.02	
2745.36	35.12	V	53.97	-18.85	Avg	139.00	175.02	
3660.48	36.07	V	73.97	-37.90	Peak	46.50	207.14	
3660.48	16.07	V	53.97	-37.90	Avg	46.50	207.14	
4575.60	54.54	V	73.97	-19.43	Peak	225.75	127.38	
4575.60	34.54	V	53.97	-19.43	Avg	225.75	127.38	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	46.02	V	73.97	-27.95	Peak	171.25	111.32	
7320.96	26.02	V	53.97	-27.95	Avg	171.25	111.32	
8236.08	51.50	V	73.97	-22.47	Peak	257.50	111.26	
8236.08	31.50	V	53.97	-22.47	Avg	257.50	111.26	
9151.20	45.22	V	73.97	-28.75	Peak	198.50	223.26	
9151.20	25.22	V	53.97	-28.75	Avg	198.50	223.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	54.90	H	73.97	-19.07	Peak	76.00	127.32	
2745.36	34.90	H	53.97	-19.07	Avg	76.00	127.32	
3660.48	40.66	H	73.97	-33.31	Peak	164.25	191.32	
3660.48	20.66	H	53.97	-33.31	Avg	164.25	191.32	
4575.60	48.48	H	73.97	-25.49	Peak	31.75	143.32	
4575.60	28.48	H	53.97	-25.49	Avg	31.75	143.32	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	45.70	H	73.97	-28.27	Peak	91.75	143.26	
7320.96	25.70	H	53.97	-28.27	Avg	91.75	143.26	
8236.08	52.90	H	73.97	-21.07	Peak	354.75	111.32	
8236.08	32.90	H	53.97	-21.07	Avg	354.75	111.32	
9151.20	44.33	H	73.97	-29.64	Peak	0.00	127.08	
9151.20	24.33	H	53.97	-29.64	Avg	0.00	127.08	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	56.74	H	73.97	-17.23	Peak	190.75	111.26	
2745.36	36.74	H	53.97	-17.23	Avg	190.75	111.26	
3660.48	48.48	H	73.97	-25.49	Peak	242.00	159.38	
3660.48	28.48	H	53.97	-25.49	Avg	242.00	159.38	
4575.60	56.81	H	73.97	-17.16	Peak	224.50	111.38	
4575.60	36.81	H	53.97	-17.16	Avg	224.50	111.38	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	44.93	H	73.97	-29.04	Peak	79.00	207.80	
7320.96	24.93	H	53.97	-29.04	Avg	79.00	207.38	
8236.08	50.53	H	73.97	-23.44	Peak	25.25	127.14	
8236.08	30.53	H	53.97	-23.44	Avg	25.25	127.14	
9151.20	45.07	H	73.97	-28.90	Peak	268.00	249.01	
9151.20	25.07	H	53.97	-28.90	Avg	268.00	249.01	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	54.92	H	73.97	-19.05	Peak	181.25	110.97	
2745.36	34.92	H	53.97	-19.05	Avg	181.25	110.97	
3660.48	41.85	H	73.97	-32.12	Peak	217.25	111.62	
3660.48	21.85	H	53.97	-32.12	Avg	217.25	111.62	
4575.60	51.86	H	73.97	-22.11	Peak	224.75	127.20	
4575.60	31.86	H	53.97	-22.11	Avg	224.75	127.20	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	46.85	H	73.97	-27.12	Peak	340.25	223.50	
7320.96	26.85	H	53.97	-27.12	Avg	340.25	223.50	
8236.08	55.10	H	73.97	-18.87	Peak	257.50	111.44	
8236.08	35.10	H	53.97	-18.87	Avg	257.50	111.44	
9151.20	44.48	H	73.97	-29.49	Peak	192.50	191.26	
9151.20	24.48	H	53.97	-29.49	Avg	192.50	191.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	48.45	V	73.97	-25.52	Peak	282.00	174.97	
2782.86	28.45	V	53.97	-25.52	Avg	282.00	174.97	
3710.48	40.59	V	73.97	-33.38	Peak	75.25	206.55	
3710.48	20.59	V	53.97	-33.38	Avg	75.25	206.55	
4638.10	50.24	V	73.97	-23.73	Peak	89.25	158.67	
4638.10	30.24	V	53.97	-23.73	Avg	89.25	158.67	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	47.26	V	73.97	-26.71	Peak	135.50	191.32	
7420.96	27.26	V	53.97	-26.71	Avg	135.50	191.32	
8348.58	47.13	V	73.97	-26.84	Peak	232.75	111.38	
8348.58	27.13	V	53.97	-26.84	Avg	232.75	111.38	
9276.20	46.78	V	73.97	-27.19	Peak	188.50	206.97	
9276.20	26.78	V	53.97	-27.19	Avg	188.50	206.97	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	47.78	V	73.97	-26.19	Peak	306.75	207.26	
2782.86	27.78	V	53.97	-26.19	Avg	306.75	207.26	
3710.48	41.32	V	73.97	-32.65	Peak	88.50	175.20	
3710.48	21.32	V	53.97	-32.65	Avg	88.50	175.20	
4638.10	49.37	V	73.97	-24.60	Peak	53.25	159.38	
4638.10	29.37	V	53.97	-24.60	Avg	53.25	159.38	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	50.14	V	73.97	-23.83	Peak	119.00	207.38	
7420.96	30.14	V	53.97	-23.83	Avg	119.00	207.38	
8348.58	46.38	V	73.97	-27.59	Peak	331.75	223.26	
8348.58	26.38	V	53.97	-27.59	Avg	331.75	223.26	
9276.20	46.01	V	73.97	-27.96	Peak	300.25	175.20	
9276.20	26.01	V	53.97	-27.96	Avg	300.25	175.20	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	46.61	V	73.97	-27.36	Peak	48.25	223.32	
2782.86	26.61	V	53.97	-27.36	Avg	48.25	223.32	
3710.48	48.00	V	73.97	-25.97	Peak	244.75	143.14	
3710.48	28.00	V	53.97	-25.97	Avg	244.75	143.14	
4638.10	56.04	V	73.97	-17.93	Peak	257.50	127.32	
4638.10	36.04	V	53.97	-17.93	Avg	257.50	127.32	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.30	V	73.97	-21.67	Peak	294.50	111.32	
7420.96	32.30	V	53.97	-21.67	Avg	294.50	111.32	
8348.58	47.86	V	73.97	-26.11	Peak	338.50	207.26	
8348.58	27.86	V	53.97	-26.11	Avg	338.50	207.26	
9276.20	47.93	V	73.97	-26.04	Peak	185.25	111.44	
9276.20	27.93	V	53.97	-26.04	Avg	185.25	111.44	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	50.73	H	73.97	-23.24	Peak	183.00	159.38	
2782.86	30.73	H	53.97	-23.24	Avg	183.00	159.38	
3710.48	40.37	H	73.97	-33.60	Peak	168.50	127.20	
3710.48	20.37	H	53.97	-33.60	Avg	168.50	127.20	
4638.10	50.45	H	73.97	-23.52	Peak	357.00	191.26	
4638.10	30.45	H	53.97	-23.52	Avg	357.00	191.26	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.06	H	73.97	-21.91	Peak	6.50	127.38	
7420.96	32.06	H	53.97	-21.91	Avg	6.50	127.38	
8348.58	46.13	H	73.97	-27.84	Peak	126.75	207.38	
8348.58	26.13	H	53.97	-27.84	Avg	126.75	207.38	
9276.20	45.15	H	73.97	-28.82	Peak	243.75	191.32	
9276.20	25.15	H	53.97	-28.82	Avg	243.75	191.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	52.37	H	73.97	-21.60	Peak	272.00	127.32	
2782.86	32.37	H	53.97	-21.60	Avg	272.00	127.32	
3710.48	47.70	H	73.97	-26.27	Peak	331.50	111.26	
3710.48	27.70	H	53.97	-26.27	Avg	331.50	111.26	
4638.10	57.26	H	73.97	-16.71	Peak	327.25	127.26	
4638.10	37.26	H	53.97	-16.71	Avg	327.25	127.26	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	51.40	H	73.97	-22.57	Peak	325.50	111.26	
7420.96	31.40	H	53.97	-22.57	Avg	325.50	111.26	
8348.58	47.07	H	73.97	-26.90	Peak	30.75	127.26	
8348.58	27.07	H	53.97	-26.90	Avg	30.75	127.26	
9276.20	49.54	H	73.97	-24.43	Peak	289.50	127.38	
9276.20	29.54	H	53.97	-24.43	Avg	289.50	127.38	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	49.31	H	73.97	-24.66	Peak	38.25	159.32	
2782.86	29.31	H	53.97	-24.66	Avg	38.25	159.33	
3710.48	42.82	H	73.97	-31.15	Peak	299.25	111.32	
3710.48	22.82	H	53.97	-31.15	Avg	299.25	111.32	
4638.10	54.46	H	73.97	-19.51	Peak	347.75	111.62	
4638.10	34.46	H	53.97	-19.51	Avg	347.75	111.62	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.64	H	73.97	-21.33	Peak	13.00	159.20	
7420.96	32.64	H	53.97	-21.33	Avg	13.00	159.20	
8348.58	51.73	H	73.97	-22.24	Peak	285.50	127.20	
8348.58	31.73	H	53.97	-22.24	Avg	285.50	127.20	
9276.20	49.03	H	73.97	-24.94	Peak	291.00	175.14	
9276.20	29.03	H	53.97	-24.94	Avg	291.00	175.14	

FCC 15.247

Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna - External Power Mode
Non Harmonic Emissions from the Tx - 9 kHz to 30 MHz and 1 GHz to 9.3 GHz
Digital Portion from the EUT - 9 kHz to 30 MHz and 1 GHz to 9.3 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Detected
								from the Non Harmonic Emissions
								from the Tx
								9 kHz to 30 MHz
								No Emissions Detected
								from the Non Harmonic Emissions
								from the Tx
								1 GHz to 9.3 GHz
								No Emissions Detected
								from the Digital Portion
								of the EUT
								9 kHz to 30 MHz
								No Emissions Detected
								from the Digital Portion
								of the EUT
								1 GHz to 9.3 GHz
								Tested in both Horizontal and
								Vertical Polarizations
								Tested in the X-Axis, Y-Axis,
								and Z-Axis

FCC 15.247

Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna - External Power Mode
Receiver Portion - 9 kHz to 30 MHz
Receiver Portion – 30 MHz to 1 GHz
Receiver Portion - 1 GHz to 9.3 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Detected
								in Receiver Mode
								9 kHz to 30 MHz
								No Emissions Detected
								in Receiver Mode
								30 MHz to 1 GHz
								No Emissions Detected
								in Receiver Mode
								1 GHz to 9.3 GHz
								Tested in both Horizontal and
								Vertical Polarizations
								Tested in the X-Axis, Y-Axis,
								and Z-Axis

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	59.20	V	73.97	-14.77	Peak	31.00	111.26	
2707.86	39.20	V	53.97	-14.77	Avg	31.00	111.26	
3610.48	45.38	V	73.97	-28.59	Peak	67.25	159.44	
3610.48	25.38	V	53.97	-28.59	Avg	67.25	159.44	
4513.10	55.40	V	73.97	-18.57	Peak	71.50	143.26	
4513.10	35.40	V	53.97	-18.57	Avg	71.50	143.26	
5415.72	44.20	V	73.97	-29.77	Peak	195.25	207.68	
5415.72	24.20	V	53.97	-29.77	Avg	195.25	207.68	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	44.27	V	73.97	-29.70	Peak	54.00	111.38	
8123.58	24.27	V	53.97	-29.70	Avg	54.00	111.38	
9026.20	35.71	V	73.97	-38.26	Peak	46.50	208.28	
9026.20	15.71	V	53.97	-38.26	Avg	46.50	208.28	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	67.59	V	73.97	-6.38	Peak	321.75	127.50	
2707.86	47.59	V	53.97	-6.38	Avg	321.75	127.50	
3610.48	47.71	V	73.97	-26.26	Peak	312.00	159.86	
3610.48	27.71	V	53.97	-26.26	Avg	312.00	159.86	
4513.10	52.57	V	73.97	-21.40	Peak	302.50	127.44	
4513.10	32.57	V	53.97	-21.40	Avg	302.50	127.44	
5415.72	43.34	V	73.97	-30.63	Peak	311.00	159.50	
5415.72	23.34	V	53.97	-30.63	Avg	311.00	159.50	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	47.44	V	73.97	-26.53	Peak	11.00	127.50	
8123.58	27.44	V	53.97	-26.53	Avg	11.00	127.50	
9026.20	35.41	V	73.97	-38.56	Peak	318.25	159.26	
9026.20	15.41	V	53.97	-38.56	Avg	318.25	159.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	63.76	V	73.97	-10.21	Peak	351.50	127.74	
2707.86	43.76	V	53.97	-10.21	Avg	351.50	127.74	
3610.48	49.32	V	73.97	-24.65	Peak	332.75	111.14	
3610.48	29.32	V	53.97	-24.65	Avg	332.75	111.14	
4513.10	58.16	V	73.97	-15.81	Peak	322.50	127.68	
4513.10	38.16	V	53.97	-15.81	Avg	322.50	127.68	
5415.72	40.50	V	73.97	-33.47	Peak	16.75	127.50	
5415.72	20.50	V	53.97	-33.47	Avg	16.75	127.50	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	42.34	V	73.97	-31.63	Peak	277.50	111.26	
8123.58	22.34	V	53.97	-31.63	Avg	277.50	111.26	
9026.20	36.87	V	73.97	-37.10	Peak	301.25	144.16	
9026.20	16.87	V	53.97	-37.10	Avg	301.25	144.16	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	66.78	H	73.97	-7.19	Peak	89.25	127.62	
2707.86	46.78	H	53.97	-7.19	Avg	89.25	127.62	
3610.48	43.52	H	73.97	-30.45	Peak	129.50	223.20	
3610.48	23.52	H	53.97	-30.45	Avg	129.50	223.20	
4513.10	52.27	H	73.97	-21.70	Peak	69.25	127.38	
4513.10	32.27	H	53.97	-21.70	Avg	69.25	127.38	
5415.72	39.72	H	73.97	-34.25	Peak	273.25	111.38	
5415.72	19.72	H	53.97	-34.25	Avg	273.25	111.38	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	44.20	H	73.97	-29.77	Peak	59.75	111.38	
8123.58	24.20	H	53.97	-29.77	Avg	59.75	111.38	
9026.20	32.62	H	73.97	-41.35	Peak	347.75	175.44	
9026.20	12.62	H	53.97	-41.35	Avg	347.75	175.44	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	67.64	H	73.97	-6.33	Peak	297.25	175.38	
2707.86	47.64	H	53.97	-6.33	Avg	297.25	175.38	
3610.48	49.91	H	73.97	-24.06	Peak	0.00	127.44	
3610.48	29.91	H	53.97	-24.06	Avg	0.00	127.44	
4513.10	59.48	H	73.97	-14.49	Peak	335.50	111.32	
4513.10	39.48	H	53.97	-14.49	Avg	335.50	111.32	
5415.72	41.88	H	73.97	-32.09	Peak	288.00	143.50	
5415.72	21.88	H	53.97	-32.09	Avg	288.00	143.50	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	45.93	H	73.97	-28.04	Peak	13.00	175.56	
8123.58	25.93	H	53.97	-28.04	Avg	13.00	175.56	
9026.20	36.41	H	73.97	-37.56	Peak	354.00	175.32	
9026.20	16.41	H	53.97	-37.56	Avg	354.00	175.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	67.45	H	73.97	-6.52	Peak	312.25	159.56	
2707.86	47.45	H	53.97	-6.52	Avg	312.25	159.56	
3610.48	44.86	H	73.97	-29.11	Peak	294.75	111.50	
3610.48	24.86	H	53.97	-29.11	Avg	294.75	111.50	
4513.10	54.44	H	73.97	-19.53	Peak	0.50	112.10	
4513.10	34.44	H	53.97	-19.53	Avg	0.50	112.10	
5415.72	45.24	H	73.97	-28.73	Peak	334.75	175.32	
5415.72	25.24	H	53.97	-28.73	Avg	334.75	175.32	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	46.38	H	73.97	-27.59	Peak	320.25	111.32	
8123.58	26.38	H	53.97	-27.59	Avg	320.25	111.32	
9026.20	33.60	H	73.97	-40.37	Peak	258.00	191.26	
9026.20	13.60	H	53.97	-40.37	Avg	258.00	191.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	65.53	V	73.97	-8.44	Peak	110.50	175.20	
2745.36	45.53	V	53.97	-8.44	Avg	110.50	175.20	
3660.48	42.16	V	73.97	-31.81	Peak	30.50	175.02	
3660.48	22.16	V	53.97	-31.81	Avg	30.50	175.02	
4575.60	52.94	V	73.97	-21.03	Peak	103.50	127.44	
4575.60	32.94	V	53.97	-21.03	Avg	103.50	127.44	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	38.94	V	73.97	-35.03	Peak	90.00	249.07	
7320.96	18.94	V	53.97	-35.03	Avg	90.00	249.07	
8236.08	40.49	V	73.97	-33.48	Peak	53.50	191.08	
8236.08	20.49	V	53.97	-33.48	Avg	53.50	191.08	
9151.20	34.95	V	73.97	-39.02	Peak	359.00	111.30	
9151.20	14.95	V	53.97	-39.02	Avg	359.00	111.30	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	68.13	V	73.97	-5.84	Peak	148.75	127.26	
2745.36	48.13	V	53.97	-5.84	Avg	148.75	127.26	
3660.48	43.05	V	73.97	-30.92	Peak	176.50	111.20	
3660.48	23.05	V	53.97	-30.92	Avg	176.50	111.20	
4575.60	51.00	V	73.97	-22.97	Peak	192.00	127.26	
4575.60	31.00	V	53.97	-22.97	Avg	192.00	127.26	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	39.62	V	73.97	-34.35	Peak	193.00	175.50	
7320.96	19.62	V	53.97	-34.35	Avg	193.00	175.50	
8236.08	42.76	V	73.97	-31.21	Peak	126.75	111.14	
8236.08	22.76	V	53.97	-31.21	Avg	126.75	111.14	
9151.20	36.67	V	73.97	-37.30	Peak	167.25	143.08	
9151.20	16.67	V	53.97	-37.30	Avg	167.25	143.08	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	66.16	V	73.97	-7.81	Peak	182.25	127.26	
2745.36	46.16	V	53.97	-7.81	Avg	182.25	127.26	
3660.48	44.66	V	73.97	-29.31	Peak	338.75	159.32	
3660.48	24.66	V	53.97	-29.31	Avg	338.75	159.32	
4575.60	55.39	V	73.97	-18.58	Peak	346.00	127.32	
4575.60	35.39	V	53.97	-18.58	Avg	346.00	127.32	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	38.98	V	73.97	-34.99	Peak	256.00	249.01	
7320.96	18.98	V	53.97	-34.99	Avg	256.00	249.01	
8236.08	38.69	V	73.97	-35.28	Peak	148.50	175.02	
8236.08	18.69	V	53.97	-35.28	Avg	148.50	175.02	
9151.20	34.97	V	73.97	-39.00	Peak	93.25	249.95	
9151.20	14.97	V	53.97	-39.00	Avg	93.25	249.95	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	65.03	H	73.97	-8.94	Peak	345.00	143.50	
2745.36	45.03	H	53.97	-8.94	Avg	345.00	143.50	
3660.48	44.46	H	73.97	-29.51	Peak	139.25	191.56	
3660.48	24.46	H	53.97	-29.51	Avg	139.25	191.56	
4575.60	50.61	H	73.97	-23.36	Peak	20.75	128.34	
4575.60	30.61	H	53.97	-23.36	Avg	20.75	128.34	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	36.00	H	73.97	-37.97	Peak	194.75	143.02	
7320.96	16.00	H	53.97	-37.97	Avg	194.75	143.02	
8236.08	42.05	H	73.97	-31.92	Peak	55.25	127.44	
8236.08	22.05	H	53.97	-31.92	Avg	55.25	127.44	
9151.20	33.08	H	73.97	-40.89	Peak	87.25	143.26	
9151.20	13.08	H	53.97	-40.89	Avg	87.25	143.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	64.40	H	73.97	-9.57	Peak	328.25	158.22	
2745.36	44.40	H	53.97	-9.57	Avg	328.25	158.22	
3660.48	43.68	H	73.97	-30.29	Peak	139.25	201.40	
3660.48	23.68	H	53.97	-30.29	Avg	139.25	201.40	
4575.60	51.26	H	73.97	-22.71	Peak	30.25	151.26	
4575.60	31.26	H	53.97	-22.71	Avg	30.25	151.26	
5490.72								**Not in Restricted Band**
5490.72								**Done via Condcuted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Condcuted**
7320.96	37.28	H	73.97	-36.69	Peak	195.25	144.26	
7320.96	17.28	H	53.97	-36.69	Avg	195.25	144.26	
8236.08	43.29	H	73.97	-30.68	Peak	55.50	128.23	
8236.08	23.29	H	53.97	-30.68	Avg	55.50	128.26	
9151.20	34.59	H	73.97	-39.38	Peak	90.25	144.27	
9151.20	14.59	H	53.97	-39.38	Avg	90.25	144.27	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	69.54	H	73.97	-4.43	Peak	132.25	111.32	
2745.36	49.54	H	53.97	-4.43	Avg	132.25	111.32	
3660.48	45.58	H	73.97	-28.39	Peak	138.50	143.44	
3660.48	25.58	H	53.97	-28.39	Avg	138.50	143.44	
4575.60	53.39	H	73.97	-20.58	Peak	297.50	175.20	
4575.60	33.39	H	53.97	-20.58	Avg	297.50	175.20	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	34.79	H	73.97	-39.18	Peak	201.75	159.98	
7320.96	14.79	H	53.97	-39.18	Avg	201.75	159.98	
8236.08	39.85	H	73.97	-34.12	Peak	145.25	11.62	
8236.08	19.85	H	53.97	-34.12	Avg	145.25	111.62	
9151.20	33.58	H	73.97	-40.39	Peak	238.50	233.56	
9151.20	13.58	H	53.97	-40.39	Avg	238.50	233.56	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	49.37	V	73.97	-24.60	Peak	245.25	251.20	
2782.86	29.37	V	53.97	-24.60	Avg	245.25	251.20	
3710.48	42.44	V	73.97	-31.53	Peak	112.50	144.34	
3710.48	22.44	V	53.97	-31.53	Avg	112.50	144.34	
4638.10	51.30	V	73.97	-22.67	Peak	83.75	127.14	
4638.10	31.30	V	53.97	-22.67	Avg	83.75	127.14	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	49.76	V	73.97	-24.21	Peak	297.00	111.20	
7420.96	29.76	V	53.97	-24.21	Avg	297.00	111.20	
8348.58	53.82	V	73.97	-20.15	Peak	329.25	175.50	
8348.58	33.82	V	53.97	-20.15	Avg	329.25	175.50	
9276.20	48.40	V	73.97	-25.57	Peak	69.25	239.20	
9276.20	28.40	V	53.97	-25.57	Avg	69.25	239.20	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	56.04	V	73.97	-17.93	Peak	153.25	175.50	
2782.86	36.04	V	53.97	-17.93	Avg	153.25	175.50	
3710.48	43.27	V	73.97	-30.70	Peak	118.00	175.26	
3710.48	23.27	V	53.97	-30.70	Avg	118.00	175.26	
4638.10	50.83	V	73.97	-23.14	Peak	279.75	127.20	
4638.10	30.83	V	53.97	-23.14	Avg	279.75	127.20	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	42.10	V	73.97	-31.87	Peak	333.75	191.38	
7420.96	22.10	V	53.97	-31.87	Avg	333.75	191.38	
8348.58	41.44	V	73.97	-32.53	Peak	325.75	111.20	
8348.58	21.44	V	53.97	-32.53	Avg	325.75	111.20	
9276.20	35.25	V	73.97	-38.72	Peak	329.50	127.32	
9276.20	15.25	V	53.97	-38.72	Avg	329.50	127.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	57.09	V	73.97	-16.88	Peak	155.00	125.00	
2782.86	37.09	V	53.97	-16.88	Avg	155.00	125.00	
3710.48	44.26	V	73.97	-29.71	Peak	116.00	174.25	
3710.48	24.26	V	53.97	-29.71	Avg	116.00	174.25	
4638.10	50.25	V	73.97	-23.72	Peak	278.00	126.00	
4638.10	30.25	V	53.97	-23.72	Avg	278.00	126.00	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	42.15	V	73.97	-31.82	Peak	332.00	190.00	
7420.96	22.15	V	53.97	-31.82	Avg	332.00	190.00	
8348.58	41.25	V	73.97	-32.72	Peak	320.25	111.25	
8348.58	21.25	V	53.97	-32.72	Avg	320.25	111.25	
9276.20	34.25	V	73.97	-39.72	Peak	335.00	102.21	
9276.20	14.25	V	53.97	-39.72	Avg	335.00	102.21	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - X-Axis
External Power Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	64.02	H	73.97	-9.95	Peak	341.25	142.21	
2782.86	44.02	H	53.97	-9.95	Avg	341.25	142.21	
3710.48	45.29	H	73.97	-28.68	Peak	140.26	192.25	
3710.48	25.29	H	53.97	-28.68	Avg	140.26	192.25	
4638.10	51.28	H	73.97	-22.69	Peak	10.25	129.36	
4638.10	31.28	H	53.97	-22.69	Avg	10.25	129.36	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	37.26	H	73.97	-36.71	Peak	204.25	145.25	
7420.96	17.26	H	53.97	-36.71	Avg	204.25	145.25	
8348.58	43.28	H	73.97	-30.69	Peak	62.25	128.56	
8348.58	23.28	H	53.97	-30.69	Avg	62.25	128.56	
9276.20	34.29	H	73.97	-39.68	Peak	89.25	144.25	
9276.20	14.29	H	53.97	-39.68	Avg	89.25	144.25	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - Y-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	65.26	H	73.97	-9.57	Peak	352.00	144.26	
2782.86	45.60	H	53.97	-9.57	Avg	352.00	144.26	
3710.48	45.29	H	73.97	-29.51	Peak	140.25	192.28	
3710.48	25.29	H	53.97	-29.51	Avg	140.25	192.28	
4638.10	51.68	H	73.97	-23.36	Peak	15.75	129.58	
4638.10	31.68	H	53.97	-23.36	Avg	15.75	129.58	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	37.15	H	73.97	-37.97	Peak	205.25	142.25	
7420.96	17.15	H	53.97	-37.97	Avg	205.25	142.25	
8348.58	43.58	H	73.97	-31.92	Peak	65.25	128.50	
8348.58	23.58	H	53.97	-31.92	Avg	65.25	128.50	
9276.20	34.25	H	73.97	-40.89	Peak	89.25	145.25	
9276.20	14.25	H	53.97	-40.89	Avg	89.25	145.25	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/08/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - Z-Axis
External Power Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	56.35	H	73.97	-17.62	Peak	156.00	124.00	
2782.86	36.35	H	53.97	-17.62	Avg	156.00	124.00	
3710.48	45.36	H	73.97	-28.61	Peak	117.00	175.25	
3710.48	25.36	H	53.97	-28.61	Avg	117.00	175.25	
4638.10	49.26	H	73.97	-24.71	Peak	279.00	126.50	
4638.10	29.26	H	53.97	-24.71	Avg	279.00	126.50	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	43.14	H	73.97	-30.83	Peak	331.00	195.00	
7420.96	23.14	H	53.97	-30.83	Avg	331.00	195.00	
8348.58	40.26	H	73.97	-33.71	Peak	321.25	112.25	
8348.58	20.26	H	53.97	-33.71	Avg	321.25	112.25	
9276.20	33.26	H	73.97	-40.71	Peak	336.00	122.21	
9276.20	13.26	H	53.97	-40.71	Avg	336.00	122.21	

FCC 15.247

Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna - External Power Mode
Non Harmonic Emissions from the Tx - 9 kHz to 30 MHz and 1 GHz to 9.3 GHz
Digital Portion from the EUT - 10 kHz to 30 MHz and 1 GHz to 9.3 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Detected
								from the Non Harmonic Emissions
								from the Tx
								9 kHz to 30 MHz
								No Emissions Detected
								from the Non Harmonic Emissions
								from the Tx
								1 GHz to 9.3 GHz
								No Emissions Detected
								from the Digital Portion
								of the EUT
								9 kHz to 30 MHz
								No Emissions Detected
								from the Digital Portion
								of the EUT
								1 GHz to 9.3 GHz
								Tested in both Horizontal and
								Vertical Polarizations
								Tested in the X-Axis, Y-Axis,
								and Z-Axis

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna - External Power Mode
Receiver Mode - 9 kHz to 30 MHz
Receiver Mode – 30 MHz to 1 GHz
Receiver Mode - 1 GHz to 9.3 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Detected
								in Receiver Mode
								9 kHz to 30 MHz
								No Emissions Detected
								in Receiver Mode
								30 MHz to 1 GHz
								No Emissions Detected
								in Receiver Mode
								1 GHz to 9.3 GHz
								Tested in both Horizontal and
								Vertical Polarizations
								Tested in the X-Axis, Y-Axis,
								and Z-Axis

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	55.71	V	73.97	-18.26	Peak	175.75	191.32	
2707.86	35.71	V	53.97	-18.26	Avg	175.75	191.32	
3610.48	38.37	V	73.97	-35.60	Peak	304.75	127.50	
3610.48	18.37	V	53.97	-35.60	Avg	304.75	127.50	
4513.10	52.91	V	73.97	-21.06	Peak	59.75	143.56	
4513.10	32.91	V	53.97	-21.06	Avg	59.75	143.56	
5415.72	48.43	V	73.97	-25.54	Peak	203.50	207.26	
5415.72	28.43	V	53.97	-25.54	Avg	203.50	207.26	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	49.34	V	73.97	-24.63	Peak	166.25	111.32	
8123.58	29.34	V	53.97	-24.63	Avg	166.25	111.32	
9026.20	46.99	V	73.97	-26.98	Peak	350.25	191.68	
9026.20	26.99	V	53.97	-26.98	Avg	350.25	191.68	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	57.23	V	73.97	-16.74	Peak	278.75	191.32	
2707.86	37.23	V	53.97	-16.74	Avg	278.75	191.32	
3610.48	42.69	V	73.97	-31.28	Peak	45.75	111.38	
3610.48	22.69	V	53.97	-31.28	Avg	45.75	111.38	
4513.10	53.98	V	73.97	-19.99	Peak	110.25	111.44	
4513.10	33.98	V	53.97	-19.99	Avg	110.25	111.44	
5415.72	49.11	V	73.97	-24.86	Peak	61.25	143.38	
5415.72	29.11	V	53.97	-24.86	Avg	61.25	143.38	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	50.68	V	73.97	-23.29	Peak	130.75	175.50	
8123.58	30.68	V	53.97	-23.29	Avg	130.75	175.50	
9026.20	48.49	V	73.97	-25.48	Peak	51.25	127.32	
9026.20	28.49	V	53.97	-25.48	Avg	51.25	127.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	59.18	V	73.97	-14.79	Peak	291.75	111.32	
2707.86	39.18	V	53.97	-14.79	Avg	291.75	111.32	
3610.48	49.18	V	73.97	-24.79	Peak	58.00	111.50	
3610.48	29.18	V	53.97	-24.79	Avg	58.00	111.50	
4513.10	59.51	V	73.97	-14.46	Peak	67.25	143.26	
4513.10	39.51	V	53.97	-14.46	Avg	67.25	143.26	
5415.72	44.65	V	73.97	-29.32	Peak	112.75	111.26	
5415.72	24.65	V	53.97	-29.32	Avg	112.75	111.26	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	55.40	V	73.97	-18.57	Peak	335.00	111.38	
8123.58	35.40	V	53.97	-18.57	Avg	335.00	111.38	
9026.20	48.44	V	73.97	-25.53	Peak	27.00	159.56	
9026.20	28.44	V	53.97	-25.53	Avg	27.00	159.56	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	60.75	H	73.97	-13.22	Peak	192.00	111.38	
2707.86	40.75	H	53.97	-13.22	Avg	192.00	111.38	
3610.48	42.65	H	73.97	-31.32	Peak	142.00	207.38	
3610.48	22.65	H	53.97	-31.32	Avg	142.00	207.38	
4513.10	53.26	H	73.97	-20.71	Peak	94.50	127.44	
4513.10	33.26	H	53.97	-20.71	Avg	94.50	127.44	
5415.72	44.42	H	73.97	-29.55	Peak	298.25	207.20	
5415.72	24.42	H	53.97	-29.55	Avg	298.25	207.20	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	54.72	H	73.97	-19.25	Peak	0.00	111.26	
8123.58	34.72	H	53.97	-19.25	Avg	0.00	111.26	
9026.20	44.76	H	73.97	-29.21	Peak	57.75	143.38	
9026.20	24.76	H	53.97	-29.21	Avg	57.75	143.38	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	60.16	H	73.97	-13.81	Peak	271.50	111.68	
2707.86	40.16	H	53.97	-13.81	Avg	271.50	111.68	
3610.48	49.67	H	73.97	-24.30	Peak	339.25	159.38	
3610.48	29.67	H	53.97	-24.30	Avg	339.25	159.38	
4513.10	57.14	H	73.97	-16.83	Peak	333.25	206.97	
4513.10	37.14	H	53.97	-16.83	Avg	333.25	206.97	
5415.72	49.15	H	73.97	-24.82	Peak	302.25	143.26	
5415.72	29.15	H	53.97	-24.82	Avg	302.25	143.26	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	52.40	H	73.97	-21.57	Peak	306.00	111.38	
8123.58	32.40	H	53.97	-21.57	Avg	306.00	111.38	
9026.20	48.96	H	73.97	-25.01	Peak	335.00	159.26	
9026.20	28.96	H	53.97	-25.01	Avg	335.00	159.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Low Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	57.69	H	73.97	-16.28	Peak	344.25	143.14	
2707.86	37.69	H	53.97	-16.28	Avg	344.25	143.14	
3610.48	42.12	H	73.97	-31.85	Peak	111.75	159.26	
3610.48	22.12	H	53.97	-31.85	Avg	111.75	159.26	
4513.10	56.95	H	73.97	-17.02	Peak	22.75	223.14	
4513.10	36.95	H	53.97	-17.02	Avg	22.75	223.14	
5415.72	47.67	H	73.97	-26.30	Peak	60.50	159.50	
5415.72	27.67	H	53.97	-26.30	Avg	60.50	159.50	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	55.68	H	73.97	-18.29	Peak	355.75	111.32	
8123.58	35.68	H	53.97	-18.29	Avg	355.75	111.32	
9026.20	48.45	H	73.97	-25.52	Peak	110.50	111.44	
9026.20	28.45	H	53.97	-25.52	Avg	110.50	111.44	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	54.68	V	73.97	-19.29	Peak	277.00	207.20	
2745.36	34.68	V	53.97	-19.29	Avg	277.00	207.20	
3660.48	42.06	V	73.97	-31.91	Peak	102.50	143.14	
3660.48	22.06	V	53.97	-31.91	Avg	102.50	143.14	
4575.60	51.77	V	73.97	-22.20	Peak	86.25	127.20	
4575.60	31.77	V	53.97	-22.20	Avg	86.25	127.20	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	44.31	V	73.97	-29.66	Peak	21.25	239.32	
7320.96	24.31	V	53.97	-29.66	Avg	21.25	239.32	
8236.08	48.47	V	73.97	-25.50	Peak	157.00	111.26	
8236.08	28.47	V	53.97	-25.50	Avg	157.00	111.26	
9151.20	45.58	V	73.97	-28.39	Peak	342.50	111.20	
9151.20	25.58	V	53.97	-28.39	Avg	342.50	111.20	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	56.44	V	73.97	-17.53	Peak	206.75	207.08	
2745.36	36.44	V	53.97	-17.53	Avg	206.75	207.08	
3660.48	42.93	V	73.97	-31.04	Peak	295.00	207.14	
3660.48	22.93	V	53.97	-31.04	Avg	295.00	207.14	
4575.60	52.61	V	73.97	-21.36	Peak	14.50	127.26	
4575.60	32.61	V	53.97	-21.36	Avg	14.50	127.26	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	46.09	V	73.97	-27.88	Peak	274.25	127.26	
7320.96	26.09	V	53.97	-27.88	Avg	274.25	127.26	
8236.08	52.92	V	73.97	-21.05	Peak	43.50	111.32	
8236.08	32.92	V	53.97	-21.05	Avg	43.50	111.32	
9151.20	45.31	V	73.97	-28.66	Peak	262.00	111.32	
9151.20	25.31	V	53.97	-28.66	Avg	262.00	111.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	56.01	V	73.97	-17.96	Peak	80.00	207.56	
2745.36	36.01	V	53.97	-17.96	Avg	80.00	207.56	
3660.48	48.49	V	73.97	-25.48	Peak	325.00	143.32	
3660.48	28.49	V	53.97	-25.48	Avg	325.00	143.32	
4575.60	56.90	V	73.97	-17.07	Peak	320.25	127.38	
4575.60	36.90	V	53.97	-17.07	Avg	320.25	127.38	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	57.27	V	73.97	-16.70	Peak	226.25	175.08	
7320.96	37.27	V	53.97	-16.70	Avg	226.25	175.08	
8236.08	55.16	V	73.97	-18.81	Peak	48.25	175.32	
8236.08	35.16	V	53.97	-18.81	Avg	48.25	175.32	
9151.20	45.69	V	73.97	-28.28	Peak	41.50	143.26	
9151.20	25.69	V	53.97	-28.28	Avg	41.50	143.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	54.37	H	73.97	-19.60	Peak	254.00	127.44	
2745.36	34.37	H	53.97	-19.60	Avg	254.00	127.44	
3660.48	41.39	H	73.97	-32.58	Peak	298.00	111.32	
3660.48	21.39	H	53.97	-32.58	Avg	298.00	111.32	
4575.60	51.90	H	73.97	-22.07	Peak	322.75	207.44	
4575.60	31.90	H	53.97	-22.07	Avg	322.75	207.44	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	46.62	H	73.97	-27.35	Peak	82.25	191.20	
7320.96	26.62	H	53.97	-27.35	Avg	82.25	191.20	
8236.08	54.98	H	73.97	-18.99	Peak	343.50	111.26	
8236.08	34.98	H	53.97	-18.99	Avg	343.50	111.26	
9151.20	46.09	H	73.97	-27.88	Peak	317.50	239.26	
9151.20	26.09	H	53.97	-27.88	Avg	317.50	239.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	58.41	H	73.97	-15.56	Peak	289.75	128.40	
2745.36	38.41	H	53.97	-15.56	Avg	289.75	128.40	
3660.48	48.50	H	73.97	-25.47	Peak	341.25	143.26	
3660.48	28.50	H	53.97	-25.47	Avg	341.25	143.26	
4575.60	57.23	H	73.97	-16.74	Peak	315.25	111.20	
4575.60	37.23	H	53.97	-16.74	Avg	315.25	111.20	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	47.73	H	73.97	-26.24	Peak	249.25	127.32	
7320.96	27.73	H	53.97	-26.24	Avg	249.25	127.32	
8236.08	49.47	H	73.97	-24.50	Peak	306.25	175.26	
8236.08	29.47	H	53.97	-24.50	Avg	306.25	175.26	
9151.20	47.32	H	73.97	-26.65	Peak	6.50	111.08	
9151.20	27.32	H	53.97	-26.65	Avg	6.50	111.08	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
Middle Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	53.14	H	73.97	-20.83	Peak	244.50	127.38	
2745.36	33.14	H	53.97	-20.83	Avg	244.50	127.38	
3660.48	42.94	H	73.97	-31.03	Peak	0.25	175.02	
3660.48	22.94	H	53.97	-31.03	Avg	0.25	175.02	
4575.60	51.06	H	73.97	-22.91	Peak	328.25	143.08	
4575.60	31.06	H	53.97	-22.91	Avg	328.25	143.08	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	50.92	H	73.97	-23.05	Peak	2.75	175.38	
7320.96	30.92	H	53.97	-23.05	Avg	2.75	175.38	
8236.08	55.16	H	73.97	-18.81	Peak	345.25	111.26	
8236.08	35.16	H	53.97	-18.81	Avg	345.25	111.26	
9151.20	45.00	H	73.97	-28.97	Peak	309.75	207.20	
9151.20	25.00	H	53.97	-28.97	Avg	309.75	207.20	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	50.29	V	73.97	-23.68	Peak	272.75	190.97	
2782.86	30.29	V	53.97	-23.68	Avg	272.75	190.97	
3710.48	40.92	V	73.97	-33.05	Peak	84.50	159.20	
3710.48	20.92	V	53.97	-33.05	Avg	84.50	159.20	
4638.10	51.55	V	73.97	-22.42	Peak	80.75	143.02	
4638.10	31.55	V	53.97	-22.42	Avg	80.75	143.02	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	48.81	V	73.97	-25.16	Peak	126.25	206.79	
7420.96	28.81	V	53.97	-25.16	Avg	126.25	206.79	
8348.58	48.96	V	73.97	-25.01	Peak	294.75	175.20	
8348.58	28.96	V	53.97	-25.01	Avg	294.75	175.20	
9276.20	46.00	V	73.97	-27.97	Peak	59.75	111.32	
9276.20	26.00	V	53.97	-27.97	Avg	59.75	111.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	50.09	V	73.97	-23.88	Peak	193.75	223.26	
2782.86	30.09	V	53.97	-23.88	Avg	193.75	223.26	
3710.48	40.93	V	73.97	-33.04	Peak	281.00	159.20	
3710.48	20.93	V	53.97	-33.04	Avg	281.00	159.20	
4638.10	52.13	V	73.97	-21.84	Peak	4.75	175.08	
4638.10	32.13	V	53.97	-21.84	Avg	4.75	175.08	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.90	V	73.97	-21.07	Peak	328.00	111.26	
7420.96	32.90	V	53.97	-21.07	Avg	328.00	111.26	
8348.58	49.41	V	73.97	-24.56	Peak	39.75	111.26	
8348.58	29.41	V	53.97	-24.56	Avg	39.75	111.26	
9276.20	48.86	V	73.97	-25.11	Peak	39.75	111.26	
9276.20	28.86	V	53.97	-25.11	Avg	39.75	111.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	46.92	V	73.97	-27.05	Peak	334.75	192.22	
2782.86	26.92	V	53.97	-27.05	Avg	334.75	192.22	
3710.48	47.95	V	73.97	-26.02	Peak	333.50	175.02	
3710.48	27.95	V	53.97	-26.02	Avg	333.50	175.02	
4638.10	57.37	V	73.97	-16.60	Peak	334.25	111.26	
4638.10	37.37	V	53.97	-16.60	Avg	334.25	111.26	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	45.27	V	73.97	-28.70	Peak	132.25	207.08	
7420.96	25.27	V	53.97	-28.70	Avg	132.25	207.08	
8348.58	47.57	V	73.97	-26.40	Peak	263.00	175.14	
8348.58	27.57	V	53.97	-26.40	Avg	263.00	175.14	
9276.20	48.25	V	73.97	-25.72	Peak	0.00	127.32	
9276.20	28.25	V	53.97	-25.72	Avg	0.00	127.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	51.09	H	73.97	-22.88	Peak	181.00	159.20	
2782.86	31.09	H	53.97	-22.88	Avg	181.00	159.20	
3710.48	41.52	H	73.97	-32.45	Peak	137.50	159.20	
3710.48	21.52	H	53.97	-32.45	Avg	137.50	159.20	
4638.10	50.93	H	73.97	-23.04	Peak	350.75	190.79	
4638.10	30.93	H	53.97	-23.04	Avg	350.75	190.79	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.22	H	73.97	-21.75	Peak	335.25	126.85	
7420.96	32.22	H	53.97	-21.75	Avg	335.25	126.85	
8348.58	47.34	H	73.97	-26.63	Peak	129.25	111.26	
8348.58	27.34	H	53.97	-26.63	Avg	129.25	111.26	
9276.20	45.85	H	73.97	-28.12	Peak	89.75	159.32	
9276.20	25.85	H	53.97	-28.12	Avg	89.75	159.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	51.39	H	73.97	-22.58	Peak	270.00	127.38	
2782.86	31.39	H	53.97	-22.58	Avg	270.00	127.38	
3710.48	47.69	H	73.97	-26.28	Peak	339.50	111.38	
3710.48	27.69	H	53.97	-26.28	Avg	339.50	111.38	
4638.10	58.08	H	73.97	-15.89	Peak	313.25	111.32	
4638.10	38.08	H	53.97	-15.89	Avg	313.25	111.32	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	51.05	H	73.97	-22.92	Peak	288.00	111.38	
7420.96	31.05	H	53.97	-22.92	Avg	288.00	111.38	
8348.58	49.13	H	73.97	-24.84	Peak	0.00	223.44	
8348.58	29.13	H	53.97	-24.84	Avg	0.00	223.44	
9276.20	49.30	H	73.97	-24.67	Peak	290.25	127.38	
9276.20	29.30	H	53.97	-24.67	Avg	290.25	127.38	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna
High Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	49.63	H	73.97	-24.34	Peak	38.00	159.20	
2782.86	29.63	H	53.97	-24.34	Avg	38.00	159.20	
3710.48	43.25	H	73.97	-30.72	Peak	288.50	111.38	
3710.48	23.25	H	53.97	-30.72	Avg	288.50	111.38	
4638.10	53.81	H	73.97	-20.16	Peak	4.50	127.32	
4638.10	33.81	H	53.97	-20.16	Avg	4.50	127.32	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.17	H	73.97	-21.80	Peak	24.00	111.20	
7420.96	32.17	H	53.97	-21.80	Avg	24.00	111.20	
8348.58	52.52	H	73.97	-21.45	Peak	287.00	159.26	
8348.58	32.52	H	53.97	-21.45	Avg	287.00	159.26	
9276.20	48.18	H	73.97	-25.79	Peak	282.25	127.32	
9276.20	28.18	H	53.97	-25.79	Avg	282.25	127.32	

FCC 15.247

Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna - PoE Mode
Non Harmonic Emissions from the Tx - 10 kHz to 30 MHz and 1 GHz to 9.3 GHz
Digital Portion from the EUT - 10 kHz to 30 MHz and 1 GHz to 9.3 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Detected
								from the Non Harmonic Emissions
								from the Tx
								9 kHz to 30 MHz
								No Emissions Detected
								from the Non Harmonic Emissions
								from the Tx
								1 GHz to 9.3 GHz
								No Emissions Detected
								from the Digital Portion
								of the EUT
								9 kHz to 30 MHz
								No Emissions Detected
								from the Digital Portion
								of the EUT
								1 GHz to 9.3 GHz
								Tested in both Horizontal and
								Vertical Polarizations
								Tested in the X-Axis, Y-Axis,
								and Z-Axis

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

Internal Board Trace Antenna - PoE Mode
Receiver Mode - 9 kHz to 30 MHz
Receiver Mode – 30 MHz to 1 GHz
Receiver Mode - 1 GHz to 9.3 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Detected
								in Receiver Mode
								9 kHz to 30 MHz
								No Emissions Detected
								in Receiver Mode
								30 MHz to 1 GHz
								No Emissions Detected
								in Receiver Mode
								1 GHz to 9.3 GHz
								Tested in both Horizontal and
								Vertical Polarizations
								Tested in the X-Axis, Y-Axis,
								and Z-Axis

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	49.53	V	73.97	-24.44	Peak	187.75	127.80	
2707.86	29.53	V	53.97	-24.44	Avg	187.75	127.80	
3610.48	43.92	V	73.97	-30.05	Peak	78.00	111.62	
3610.48	23.92	V	53.97	-30.05	Avg	78.00	111.62	
4513.10	57.42	V	73.97	-16.55	Peak	68.25	143.44	
4513.10	37.42	V	53.97	-16.55	Avg	68.25	143.44	
5415.72	49.17	V	73.97	-24.80	Peak	189.00	191.38	
5415.72	29.17	V	53.97	-24.80	Avg	189.00	191.38	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	55.27	V	73.97	-18.70	Peak	60.75	111.08	
8123.58	35.27	V	53.97	-18.70	Avg	60.75	111.08	
9026.20	47.56	V	73.97	-26.41	Peak	56.00	206.91	
9026.20	27.56	V	53.97	-26.41	Avg	56.00	206.91	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	59.99	V	73.97	-13.98	Peak	298.00	222.97	
2707.86	39.99	V	53.97	-13.98	Avg	298.00	222.97	
3610.48	41.25	V	73.97	-32.72	Peak	24.30	111.14	
3610.48	21.25	V	53.97	-32.72	Avg	24.30	111.14	
4513.10	49.89	V	73.97	-24.08	Peak	301.75	127.62	
4513.10	29.89	V	53.97	-24.08	Avg	301.75	127.62	
5415.72	47.66	V	73.97	-26.31	Peak	329.75	143.56	
5415.72	27.66	V	53.97	-26.31	Avg	329.75	143.56	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	59.55	V	73.97	-14.42	Peak	3.00	111.44	
8123.58	39.55	V	53.97	-14.42	Avg	3.00	111.44	
9026.20	47.63	V	73.97	-26.34	Peak	320.75	111.20	
9026.20	27.63	V	53.97	-26.34	Avg	320.75	111.20	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	62.10	V	73.97	-11.87	Peak	288.25	127.56	
2707.86	42.10	V	53.97	-11.87	Avg	288.25	127.56	
3610.48	45.96	V	73.97	-28.01	Peak	320.00	191.26	
3610.48	25.96	V	53.97	-28.01	Avg	320.00	191.26	
4513.10	60.25	V	73.97	-13.72	Peak	322.50	143.32	
4513.10	40.25	V	53.97	-13.72	Avg	322.50	143.32	
5415.72	48.00	V	73.97	-25.97	Peak	306.00	127.32	
5415.72	28.00	V	53.97	-25.97	Avg	306.00	127.32	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	55.04	V	73.97	-18.93	Peak	151.75	111.32	
8123.58	35.04	V	53.97	-18.93	Avg	151.75	111.32	
9026.20	48.50	V	73.97	-25.47	Peak	353.75	159.38	
9026.20	28.50	V	53.97	-25.47	Avg	353.75	159.38	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	61.08	H	73.97	-12.89	Peak	112.00	191.56	
2707.86	41.08	H	53.97	-12.89	Avg	112.00	191.56	
3610.48	41.71	H	73.97	-32.26	Peak	357.50	191.26	
3610.48	21.71	H	53.97	-32.26	Avg	357.50	191.26	
4513.10	52.89	H	73.97	-21.08	Peak	86.75	143.26	
4513.10	32.89	H	53.97	-21.08	Avg	86.75	143.26	
5415.72	44.84	H	73.97	-29.13	Peak	181.00	111.38	
5415.72	24.84	H	53.97	-29.13	Avg	181.00	111.38	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	56.12	H	73.97	-17.85	Peak	58.75	143.38	
8123.58	36.12	H	53.97	-17.85	Avg	58.75	143.38	
9026.20	45.56	H	73.97	-28.41	Peak	84.75	239.32	
9026.20	25.56	H	53.97	-28.41	Avg	84.75	239.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	64.29	H	73.97	-9.68	Peak	87.25	142.97	
2707.86	44.29	H	53.97	-9.68	Avg	87.25	142.97	
3610.48	50.28	H	73.97	-23.69	Peak	336.75	143.14	
3610.48	30.28	H	53.97	-23.69	Avg	336.75	143.14	
4513.10	58.22	H	73.97	-15.75	Peak	323.50	143.20	
4513.10	38.22	H	53.97	-15.75	Avg	323.50	143.20	
5415.72	46.92	H	73.97	-27.05	Peak	122.00	111.32	
5415.72	26.92	H	53.97	-27.05	Avg	122.00	111.32	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	54.84	H	73.97	-19.13	Peak	322.25	111.44	
8123.58	34.84	H	53.97	-19.13	Avg	322.25	111.44	
9026.20	48.90	H	73.97	-25.07	Peak	347.50	127.38	
9026.20	28.90	H	53.97	-25.07	Avg	347.50	127.38	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Low Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1805.24								**Not in Restricted Band**
1805.24								**Done via Conducted**
2707.86	58.98	H	73.97	-14.99	Peak	305.75	143.14	
2707.86	38.98	H	53.97	-14.99	Avg	305.75	143.14	
3610.48	43.98	H	73.97	-29.99	Peak	265.75	127.32	
3610.48	23.98	H	53.97	-29.99	Avg	265.75	127.32	
4513.10	57.20	H	73.97	-16.77	Peak	339.00	127.02	
4513.10	37.20	H	53.97	-16.77	Avg	339.00	127.02	
5415.72	49.09	H	73.97	-24.88	Peak	293.75	127.14	
5415.72	29.09	H	53.97	-24.88	Avg	293.75	127.14	
6318.34								**Not in Restricted Band**
6318.34								**Done via Conducted**
7220.96								**Not in Restricted Band**
7220.96								**Done via Conducted**
8123.58	56.97	H	73.97	-17.00	Peak	11.50	127.44	
8123.58	36.97	H	53.97	-17.00	Avg	11.50	127.44	
9026.20	47.18	H	73.97	-26.79	Peak	339.25	127.44	
9026.20	27.18	H	53.97	-26.79	Avg	339.50	127.44	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	60.78	V	73.97	-13.19	Peak	143.25	127.08	
2745.36	40.78	V	53.97	-13.19	Avg	143.25	127.08	
3660.48	41.61	V	73.97	-32.36	Peak	59.75	191.62	
3660.48	21.61	V	53.97	-32.36	Avg	59.75	191.62	
4575.60	53.38	V	73.97	-20.59	Peak	83.50	111.26	
4575.60	33.38	V	53.97	-20.59	Avg	83.50	111.26	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	48.80	V	73.97	-25.17	Peak	298.50	191.38	
7320.96	28.80	V	53.97	-25.17	Avg	298.50	191.38	
8236.08	52.73	V	73.97	-21.24	Peak	203.25	175.02	
8236.08	32.73	V	53.97	-21.24	Avg	203.25	175.02	
9151.20	47.35	V	73.97	-26.62	Peak	265.75	249.95	
9151.20	27.35	V	53.97	-26.62	Avg	265.75	249.95	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	58.52	V	73.97	-15.45	Peak	308.00	143.44	
2745.36	38.52	V	53.97	-15.45	Avg	308.00	143.44	
3660.48	47.91	V	73.97	-26.06	Peak	327.25	127.56	
3660.48	27.91	V	53.97	-26.06	Avg	327.25	127.56	
4575.60	53.45	V	73.97	-20.52	Peak	311.00	127.74	
4575.60	33.45	V	53.97	-20.52	Avg	311.00	127.74	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	47.97	V	73.97	-26.00	Peak	51.50	127.56	
7320.96	27.97	V	53.97	-26.00	Avg	51.50	127.56	
8236.08	50.92	V	73.97	-23.05	Peak	316.25	175.38	
8236.08	30.92	V	53.97	-23.05	Avg	316.25	175.38	
9151.20	49.62	V	73.97	-24.35	Peak	347.75	207.44	
9151.20	29.62	V	53.97	-24.35	Avg	347.75	207.44	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	58.20	V	73.97	-15.77	Peak	271.00	127.44	
2745.36	38.20	V	53.97	-15.77	Avg	271.00	127.44	
3660.48	41.21	V	73.97	-32.76	Peak	321.00	207.32	
3660.48	21.21	V	53.97	-32.76	Avg	321.00	207.32	
4575.60	48.83	V	73.97	-25.14	Peak	308.75	223.68	
4575.60	28.83	V	53.97	-25.14	Avg	308.75	223.68	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	46.80	V	73.97	-27.17	Peak	14.50	127.38	
7320.96	26.80	V	53.97	-27.17	Avg	14.50	127.38	
8236.08	55.01	V	73.97	-18.96	Peak	355.25	111.44	
8236.08	35.01	V	53.97	-18.96	Avg	355.25	111.44	
9151.20	47.59	V	73.97	-26.38	Peak	349.00	223.56	
9151.20	27.59	V	53.97	-26.38	Avg	349.00	223.56	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	53.87	H	73.97	-20.10	Peak	280.25	127.56	
2745.36	33.87	H	53.97	-20.10	Avg	280.25	127.56	
3660.48	42.90	H	73.97	-31.07	Peak	148.50	159.26	
3660.48	22.90	H	53.97	-31.07	Avg	148.50	159.26	
4575.60	48.36	H	73.97	-25.61	Peak	294.25	223.38	
4575.60	28.36	H	53.97	-25.61	Avg	294.25	223.38	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	45.14	H	73.97	-28.83	Peak	35.75	239.44	
7320.96	25.14	H	53.97	-28.83	Avg	35.75	239.44	
8236.08	51.56	H	73.97	-22.41	Peak	58.25	111.38	
8236.08	31.56	H	53.97	-22.41	Avg	58.25	111.38	
9151.20	46.13	H	73.97	-27.84	Peak	15.25	250.13	
9151.20	26.13	H	53.97	-27.84	Avg	15.25	250.13	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	59.71	H	73.97	-14.26	Peak	256.50	111.26	
2745.36	39.71	H	53.97	-14.26	Avg	256.50	111.26	
3660.48	43.15	H	73.97	-30.82	Peak	0.00	127.44	
3660.48	23.15	H	53.97	-30.82	Avg	0.00	127.44	
4575.60	54.74	H	73.97	-19.23	Peak	358.00	111.50	
4575.60	34.74	H	53.97	-19.23	Avg	358.00	111.50	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	50.50	H	73.97	-23.47	Peak	4.00	159.44	
7320.96	30.50	H	53.97	-23.47	Avg	4.00	159.44	
8236.08	55.36	H	73.97	-18.61	Peak	28.25	127.32	
8236.08	35.36	H	53.97	-18.61	Avg	28.25	127.32	
9151.20	47.41	H	73.97	-26.56	Peak	320.25	174.91	
9151.20	27.41	H	53.97	-26.56	Avg	320.25	174.91	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
Middle Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1830.24								**Not in Restricted Band**
1830.24								**Done via Conducted**
2745.36	60.95	H	73.97	-13.02	Peak	222.00	159.56	
2745.36	40.95	H	53.97	-13.02	Avg	222.00	159.56	
3660.48	45.76	H	73.97	-28.21	Peak	313.00	190.91	
3660.48	25.76	H	53.97	-28.21	Avg	313.00	190.91	
4575.60	54.44	H	73.97	-19.53	Peak	303.50	222.61	
4575.60	34.44	H	53.97	-19.53	Avg	303.50	222.61	
5490.72								**Not in Restricted Band**
5490.72								**Done via Conducted**
6405.84								**Not in Restricted Band**
6405.84								**Done via Conducted**
7320.96	47.42	H	73.97	-26.55	Peak	308.50	111.20	
7320.96	27.42	H	53.97	-26.55	Avg	308.50	111.20	
8236.08	53.00	H	73.97	-20.97	Peak	260.25	110.37	
8236.08	33.00	H	53.97	-20.97	Avg	260.25	110.37	
9151.20	48.24	H	73.97	-25.73	Peak	328.00	207.50	
9151.20	28.24	H	53.97	-25.73	Avg	328.00	207.50	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	47.75	V	73.97	-26.22	Peak	237.75	143.14	
2782.86	27.75	V	53.97	-26.22	Avg	237.75	143.14	
3710.48	42.86	V	73.97	-31.11	Peak	113.50	159.32	
3710.48	22.86	V	53.97	-31.11	Avg	113.50	159.32	
4638.10	50.83	V	73.97	-23.14	Peak	75.00	127.32	
4638.10	30.83	V	53.97	-23.14	Avg	75.00	127.32	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	50.11	V	73.97	-23.86	Peak	297.25	191.26	
7420.96	30.11	V	53.97	-23.86	Avg	297.25	191.26	
8348.58	53.29	V	73.97	-20.68	Peak	330.25	159.32	
8348.58	33.29	V	53.97	-20.68	Avg	330.25	159.32	
9276.20	45.97	V	73.97	-28.00	Peak	123.25	249.95	
9276.20	25.97	V	53.97	-28.00	Avg	123.25	249.95	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	50.09	V	73.97	-23.88	Peak	193.75	223.26	
2782.86	30.09	V	53.97	-23.88	Avg	193.75	223.26	
3710.48	40.93	V	73.97	-33.04	Peak	281.00	159.20	
3710.48	20.93	V	53.97	-33.04	Avg	281.00	159.20	
4638.10	52.13	V	73.97	-21.84	Peak	4.75	175.08	
4638.10	32.13	V	53.97	-21.84	Avg	4.75	175.08	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.90	V	73.97	-21.07	Peak	328.00	111.26	
7420.96	32.90	V	53.97	-21.07	Avg	328.00	111.26	
8348.58	49.41	V	73.97	-24.56	Peak	39.75	111.26	
8348.58	29.41	V	53.97	-24.56	Avg	39.75	111.26	
9276.20	48.86	V	73.97	-25.11	Peak	39.75	111.26	
9276.20	28.86	V	53.97	-25.11	Avg	39.75	111.26	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	46.92	V	73.97	-27.05	Peak	334.75	192.22	
2782.86	26.92	V	53.97	-27.05	Avg	334.75	192.22	
3710.48	47.95	V	73.97	-26.02	Peak	333.50	175.02	
3710.48	27.95	V	53.97	-26.02	Avg	333.50	175.02	
4638.10	57.37	V	73.97	-16.60	Peak	334.25	111.26	
4638.10	37.37	V	53.97	-16.60	Avg	334.25	111.26	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	45.27	V	73.97	-28.70	Peak	132.25	207.08	
7420.96	25.27	V	53.97	-28.70	Avg	132.25	207.08	
8348.58	51.26	V	73.97	-22.71	Peak	325.25	145.26	
8348.58	31.26	V	53.97	-22.71	Avg	325.25	145.26	
9276.20	46.03	V	73.97	-27.94	Peak	305.25	142.25	
9276.20	26.03	V	53.97	-27.94	Avg	305.25	142.25	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - X-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	51.09	H	73.97	-22.88	Peak	181.00	159.20	
2782.86	31.09	H	53.97	-22.88	Avg	181.00	159.20	
3710.48	41.52	H	73.97	-32.45	Peak	137.50	159.20	
3710.48	21.52	H	53.97	-32.45	Avg	137.50	159.20	
4638.10	50.93	H	73.97	-23.04	Peak	350.75	190.79	
4638.10	30.93	H	53.97	-23.04	Avg	350.75	190.79	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.22	H	73.97	-21.75	Peak	335.25	126.85	
7420.96	32.22	H	53.97	-21.75	Avg	335.25	126.85	
8348.58	47.34	H	73.97	-26.63	Peak	129.25	111.26	
8348.58	27.34	H	53.97	-26.63	Avg	129.25	111.26	
9276.20	45.85	H	73.97	-28.12	Peak	89.75	159.32	
9276.20	25.85	H	53.97	-28.12	Avg	89.75	159.32	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - Y-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	51.39	H	73.97	-22.58	Peak	270.00	127.38	
2782.86	31.39	H	53.97	-22.58	Avg	270.00	127.38	
3710.48	47.69	H	73.97	-26.28	Peak	339.50	111.38	
3710.48	27.69	H	53.97	-26.28	Avg	339.50	111.38	
4638.10	58.08	H	73.97	-15.89	Peak	313.25	111.32	
4638.10	38.08	H	53.97	-15.89	Avg	313.25	111.32	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	51.05	H	73.97	-22.92	Peak	288.00	111.38	
7420.96	31.05	H	53.97	-22.92	Avg	288.00	111.38	
8348.58	49.13	H	73.97	-24.84	Peak	0.00	223.44	
8348.58	29.13	H	53.97	-24.84	Avg	0.00	223.44	
9276.20	49.30	H	73.97	-24.67	Peak	290.25	127.38	
9276.20	29.30	H	53.97	-24.67	Avg	290.25	127.38	

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna
High Channel - Z-Axis
PoE Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
1855.24								**Not in Restricted Band**
1855.24								**Done via Conducted**
2782.86	49.63	H	73.97	-24.34	Peak	38.00	159.20	
2782.86	29.63	H	53.97	-24.34	Avg	38.00	159.20	
3710.48	43.25	H	73.97	-30.72	Peak	288.50	111.38	
3710.48	23.25	H	53.97	-30.72	Avg	288.50	111.38	
4638.10	53.81	H	73.97	-20.16	Peak	4.50	127.32	
4638.10	33.81	H	53.97	-20.16	Avg	4.50	127.32	
5565.72								**Not in Restricted Band**
5565.72								**Done via Conducted**
6493.34								**Not in Restricted Band**
6493.34								**Done via Conducted**
7420.96	52.17	H	73.97	-21.80	Peak	24.00	111.20	
7420.96	32.17	H	53.97	-21.80	Avg	24.00	111.20	
8348.58	52.52	H	73.97	-21.45	Peak	287.00	159.26	
8348.58	32.52	H	53.97	-21.45	Avg	287.00	159.26	
9276.20	48.18	H	73.97	-25.79	Peak	282.25	127.32	
9276.20	28.18	H	53.97	-25.79	Avg	282.25	127.32	

FCC 15.247

Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/07/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna - PoE Mode
Non Harmonic Emissions from the Tx - 10 kHz to 30 MHz and 1 GHz to 9.3 GHz
Digital Portion from the EUT - 10 kHz to 30 MHz and 1 GHz to 9.3 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Detected
								from the Non Harmonic Emissions
								from the Tx
								9 kHz to 30 MHz
								No Emissions Detected
								from the Non Harmonic Emissions
								from the Tx
								1 GHz to 9.3 GHz
								No Emissions Detected
								from the Digital Portion
								of the EUT
								9 kHz to 30 MHz
								No Emissions Detected
								from the Digital Portion
								of the EUT
								1 GHz to 9.3 GHz
								Tested in both Horizontal and
								Vertical Polarizations
								Tested in the X-Axis, Y-Axis,
								and Z-Axis

FCC 15.247
Mesa Laboratories, Inc.
900 MHz Access Point
Model: ViewPoint Access Point 1.1

Date: 06/06/2023
Lab: D
Tested By: Kyle Fujimoto

External 900 MHz Dipole Antenna - PoE Mode
Receiver Mode - 9 kHz to 30 MHz
Receiver Mode – 30 MHz to 1 GHz
Receiver Mode - 1 GHz to 9.3 GHz

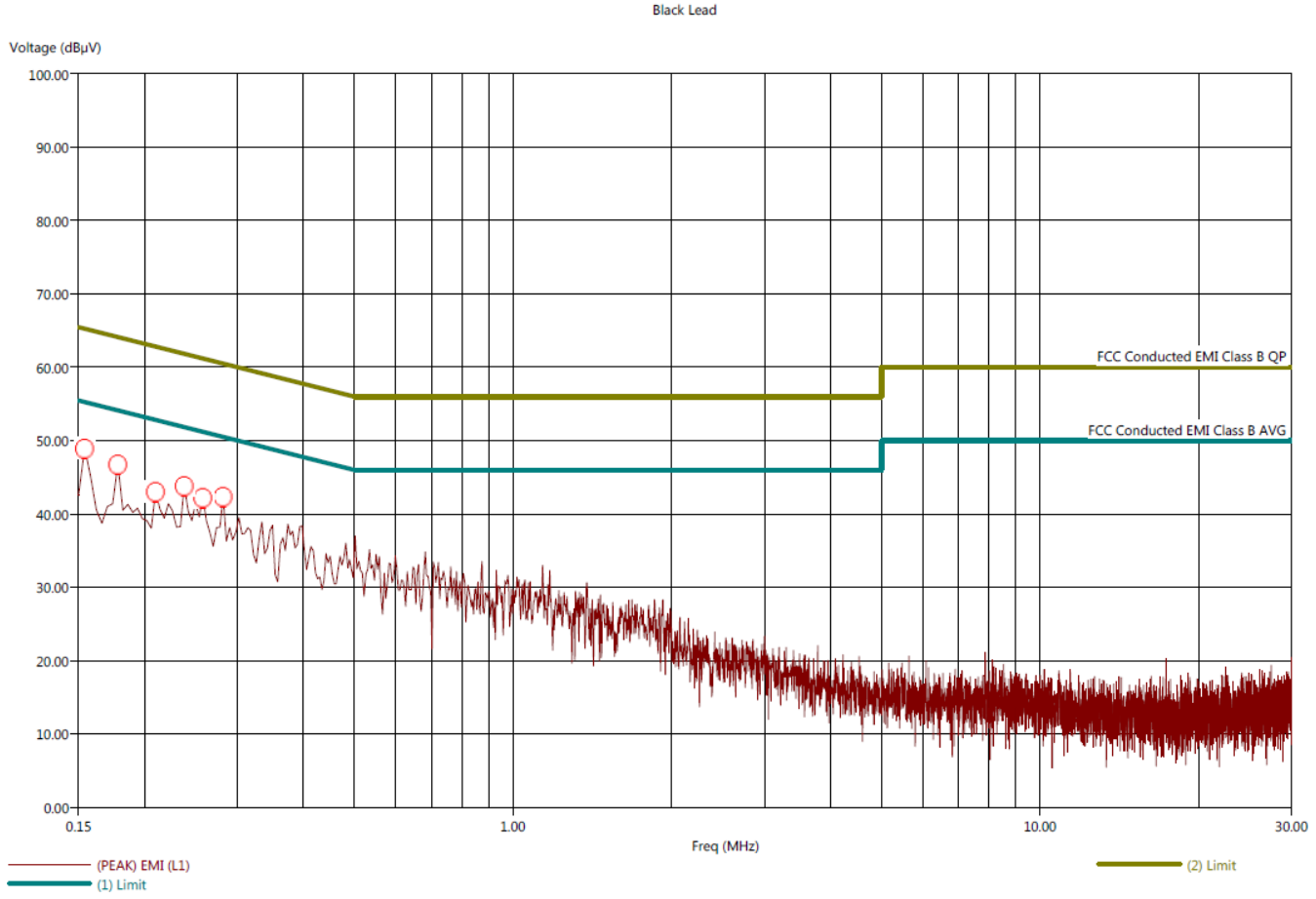
Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Detected
								in Receiver Mode
								9 kHz to 30 MHz
								No Emissions Detected
								in Receiver Mode
								30 MHz to 1 GHz
								No Emissions Detected
								in Receiver Mode
								1 GHz to 9.3 GHz
								Tested in both Horizontal and
								Vertical Polarizations
								Tested in the X-Axis, Y-Axis,
								and Z-Axis

CONDUCTED EMISSIONS

DATA SHEETS

Title: FCC Class B - Black Lead
File: 1 - Pre-Scan - BL - External Power and External Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

6/19/2023 10:44:20 AM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 1 - Final Scan - BL - External Power and External Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

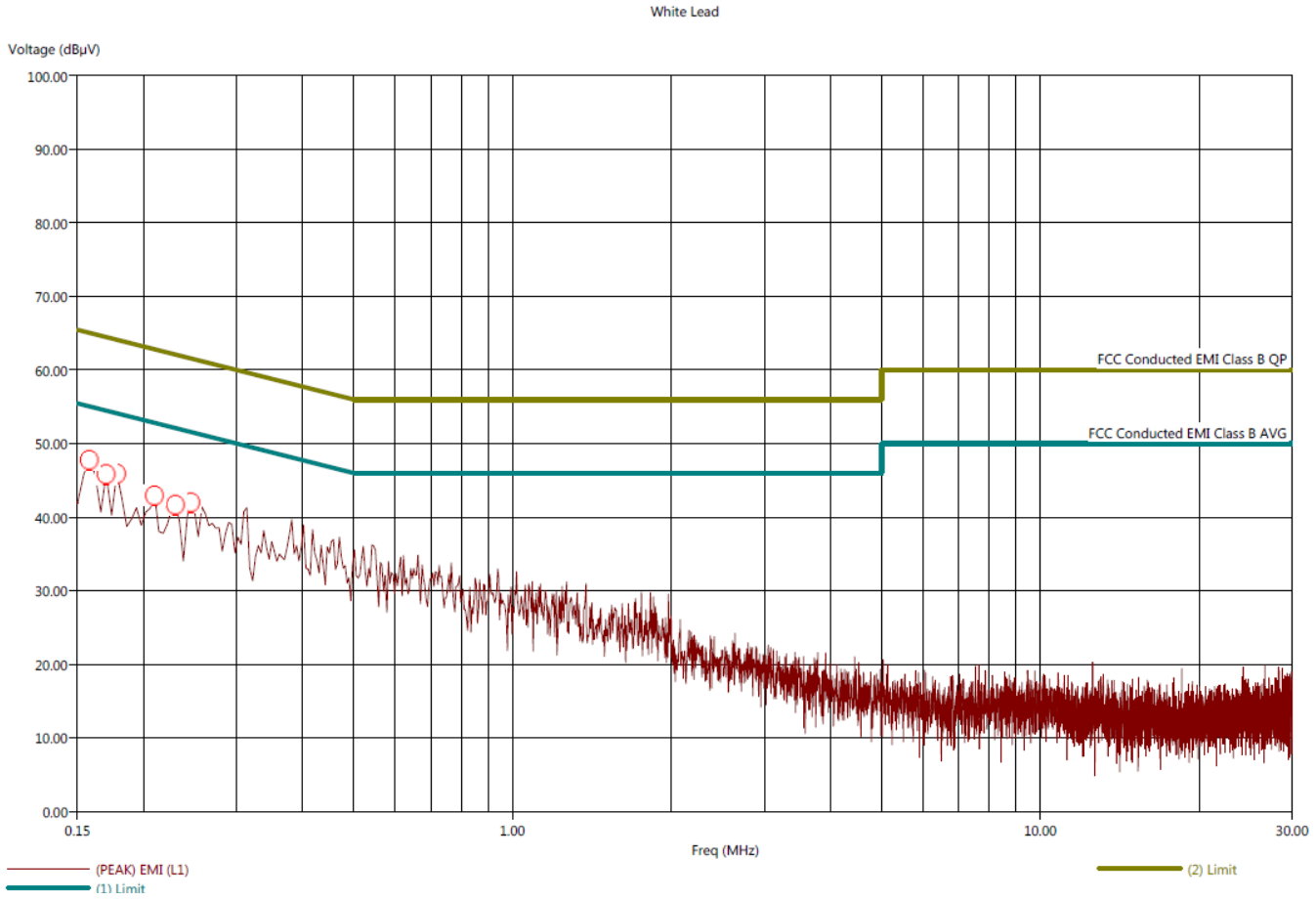
6/19/2023 10:46:44 AM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.154	47.07	41.72	-8.08	-13.43	55.15	0.01	0.17	10.10
0.178	45.41	39.77	-8.69	-14.33	54.10	0.01	0.15	10.10
0.210	38.34	27.32	-14.54	-25.56	52.88	0.01	0.13	10.10
0.238	36.66	26.52	-14.90	-25.04	51.56	0.01	0.12	10.10
0.258	35.18	25.33	-16.17	-26.02	51.35	0.01	0.12	10.10
0.282	34.76	24.21	-15.71	-26.26	50.47	0.01	0.11	10.10

Title: FCC Class B - White Lead
File: 1 - Pre-Scan - WL - External Power and External Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

6/19/2023 10:54:18 AM
Sequence: Preliminary Scan



Title: FCC Class B - White Lead
File: 1 - Final Scan - WL - External Power and External Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

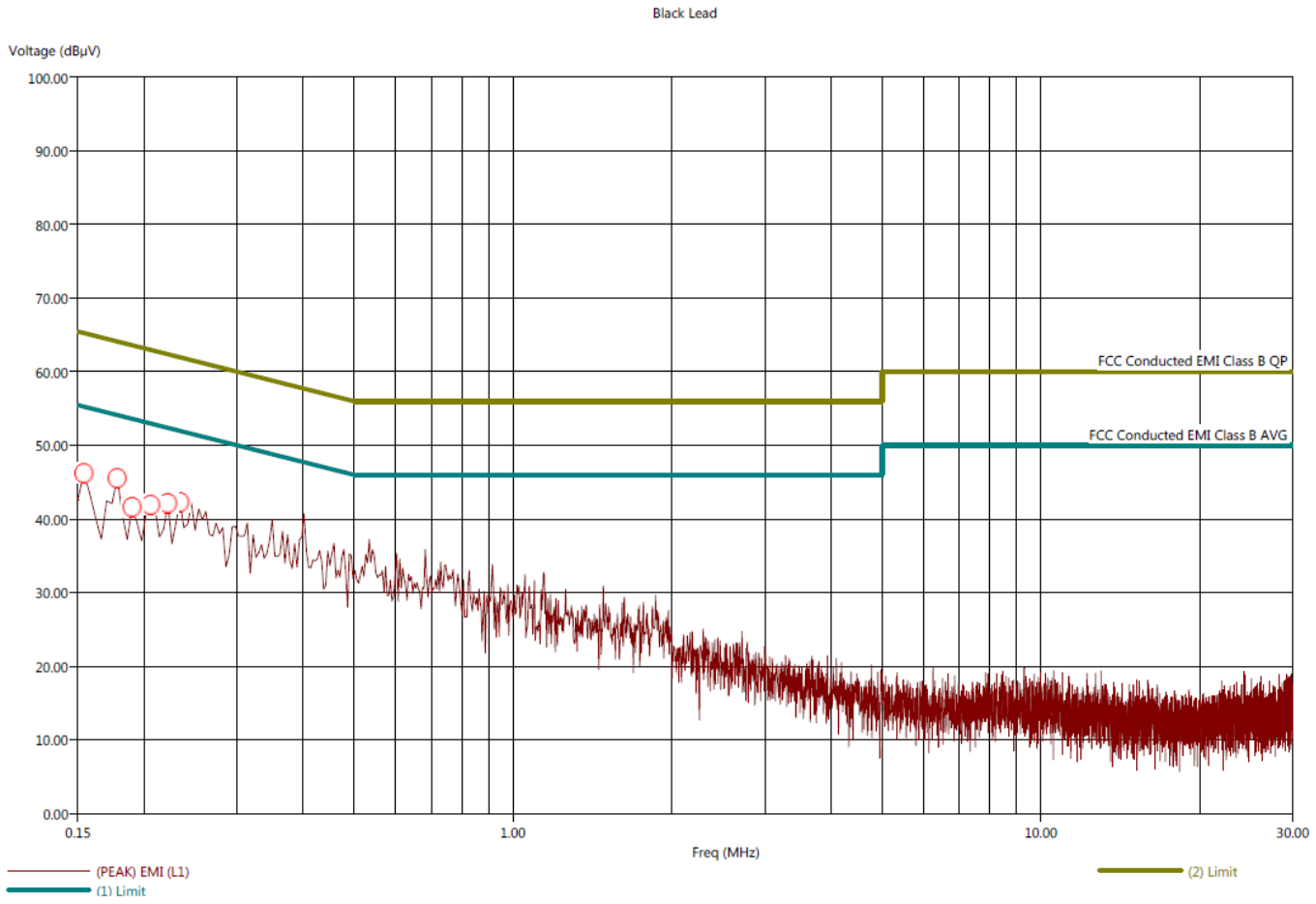
6/19/2023 10:55:23 AM
Sequence: Final Measurements

White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.158	47.28	38.23	-7.87	-16.92	55.15	0.01	0.17	10.10
0.170	44.15	34.21	-9.93	-19.87	54.07	0.01	0.15	10.10
0.178	47.94	41.25	-6.15	-12.84	54.09	0.01	0.15	10.10
0.210	36.60	27.16	-15.89	-25.33	52.49	0.01	0.13	10.10
0.230	37.57	26.85	-14.37	-25.09	51.94	0.01	0.12	10.10
0.246	36.89	26.46	-14.81	-25.24	51.70	0.01	0.12	10.10

Title: FCC Class B - Black Lead
File: 2 - Pre-Scan - BL - PoE Power and External Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

6/19/2023 11:02:07 AM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 2 - Final Scan - BL - PoE Power and External Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

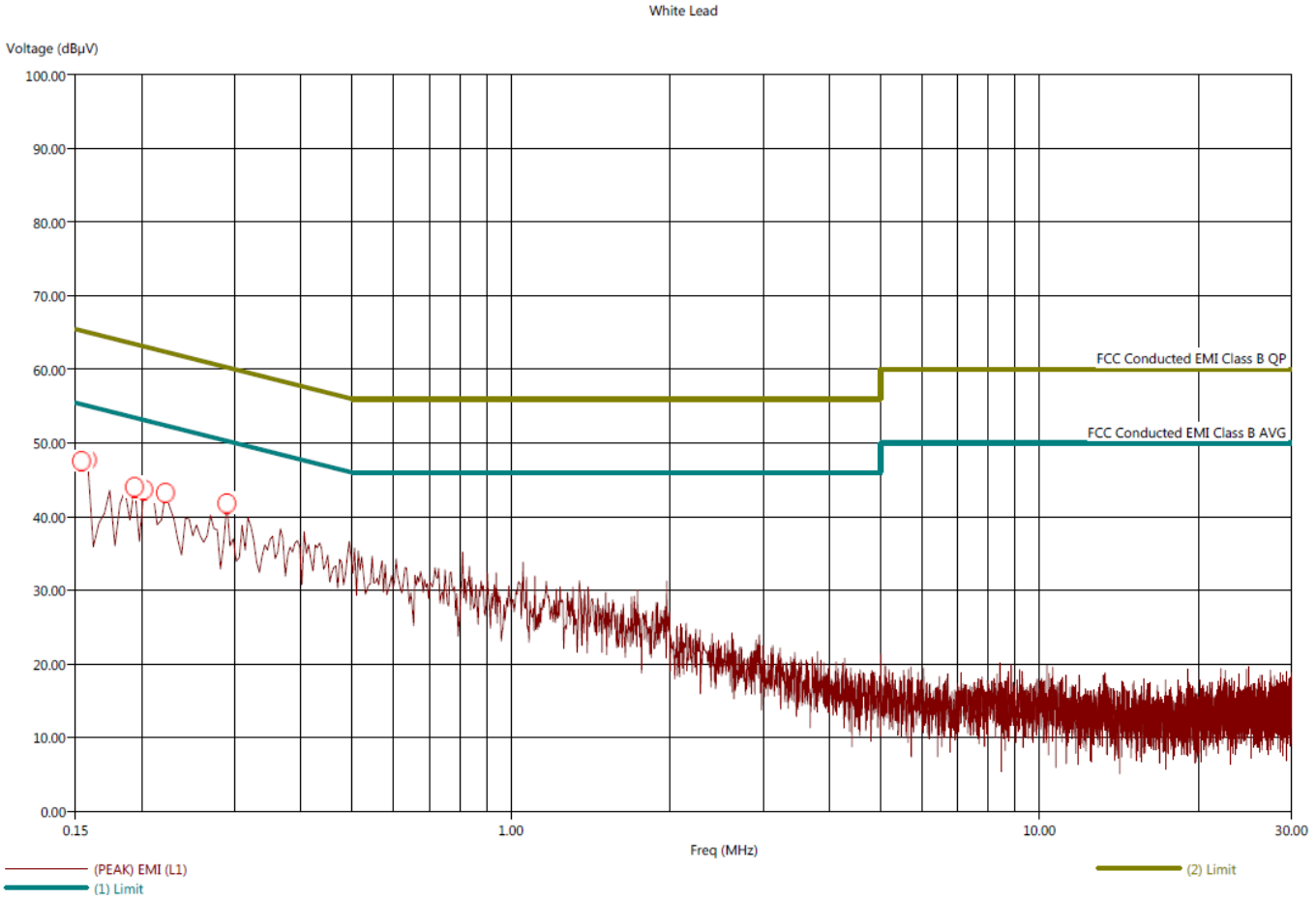
6/19/2023 11:03:20 AM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.158	47.74	41.78	-7.40	-13.36	55.14	0.01	0.17	10.10
2.502	16.28	6.00	-29.72	-40.00	46.00	0.07	0.11	10.10
2.622	16.46	5.61	-29.54	-40.39	46.00	0.08	0.11	10.10
2.766	15.82	5.33	-30.18	-40.67	46.00	0.09	0.11	10.10
3.342	13.95	3.41	-32.05	-42.59	46.00	0.14	0.11	10.10
3.538	13.11	3.27	-32.89	-42.73	46.00	0.16	0.11	10.10
4.134	12.54	1.62	-33.46	-44.38	46.00	0.20	0.11	10.10
4.838	11.25	1.01	-34.75	-44.99	46.00	0.24	0.12	10.10
8.226	10.11	0.15	-39.89	-49.85	50.00	0.34	0.11	10.10
10.014	10.25	-0.44	-39.75	-50.44	50.00	0.38	0.10	10.10

Title: FCC Class B - White Lead
File: 2 - Pre-Scan - WL - PoE Power and External Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

6/19/2023 1:01:18 PM
Sequence: Preliminary Scan



Title: FCC Class B - White Lead
File: 2 - Final Scan - WL - PoE Power and External Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

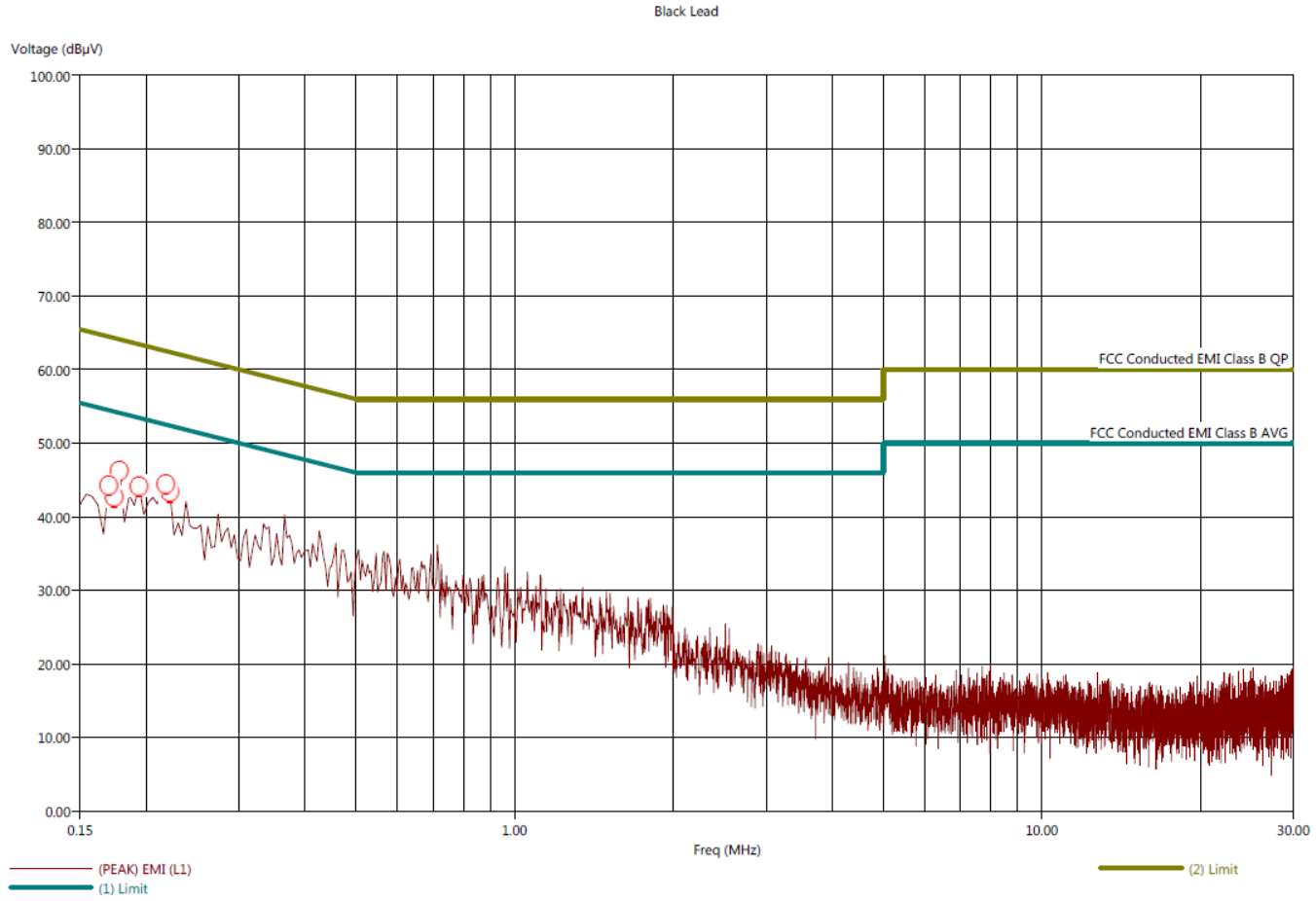
6/19/2023 1:03:32 PM
Sequence: Final Measurements

White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.154	47.92	41.99	-7.22	-13.15	55.14	0.01	0.17	10.10
0.158	47.67	41.65	-7.47	-13.49	55.13	0.01	0.17	10.10
0.194	40.77	28.65	-12.75	-24.87	53.52	0.01	0.14	10.10
0.202	39.63	27.61	-13.85	-25.87	53.48	0.01	0.14	10.10
0.222	37.72	27.27	-14.71	-25.16	52.43	0.01	0.12	10.10
0.290	33.84	24.14	-16.49	-26.19	50.33	0.01	0.10	10.10

Title: FCC Class B - Black Lead
File: 3 - Pre-Scan - BL - External Power and Internal Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

6/19/2023 10:20:12 AM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 3 - Final Scan - BL - External Power and Internal Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

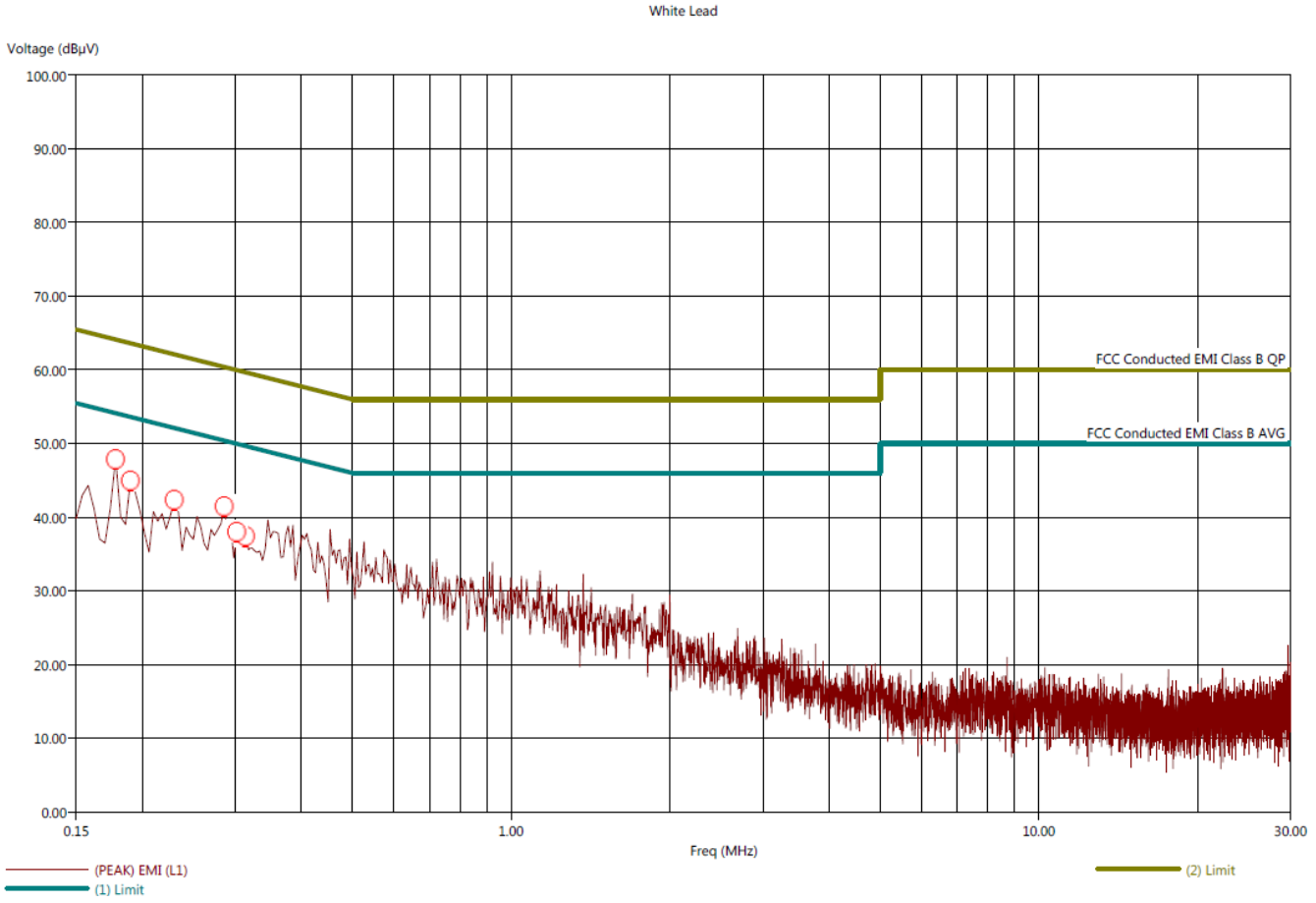
6/19/2023 10:22:48 AM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.170	48.33	38.60	-5.77	-15.50	54.10	0.01	0.15	10.10
0.174	47.66	41.16	-6.44	-12.94	54.09	0.01	0.15	10.10
0.178	48.37	41.00	-5.73	-13.10	54.09	0.01	0.15	10.10
0.194	35.08	24.50	-18.77	-29.35	53.85	0.01	0.14	10.10
0.218	36.99	27.06	-15.29	-25.22	52.28	0.01	0.12	10.10
0.222	37.04	26.82	-15.11	-25.33	52.15	0.01	0.12	10.10

Title: FCC Class B - White Lead
File: 3 - Pre-Scan - WL - External Power and Internal Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

6/19/2023 10:25:23 AM
Sequence: Preliminary Scan



Title: FCC Class B - White Lead
File: 3 - Final Scan - WL - External Power and Internal Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

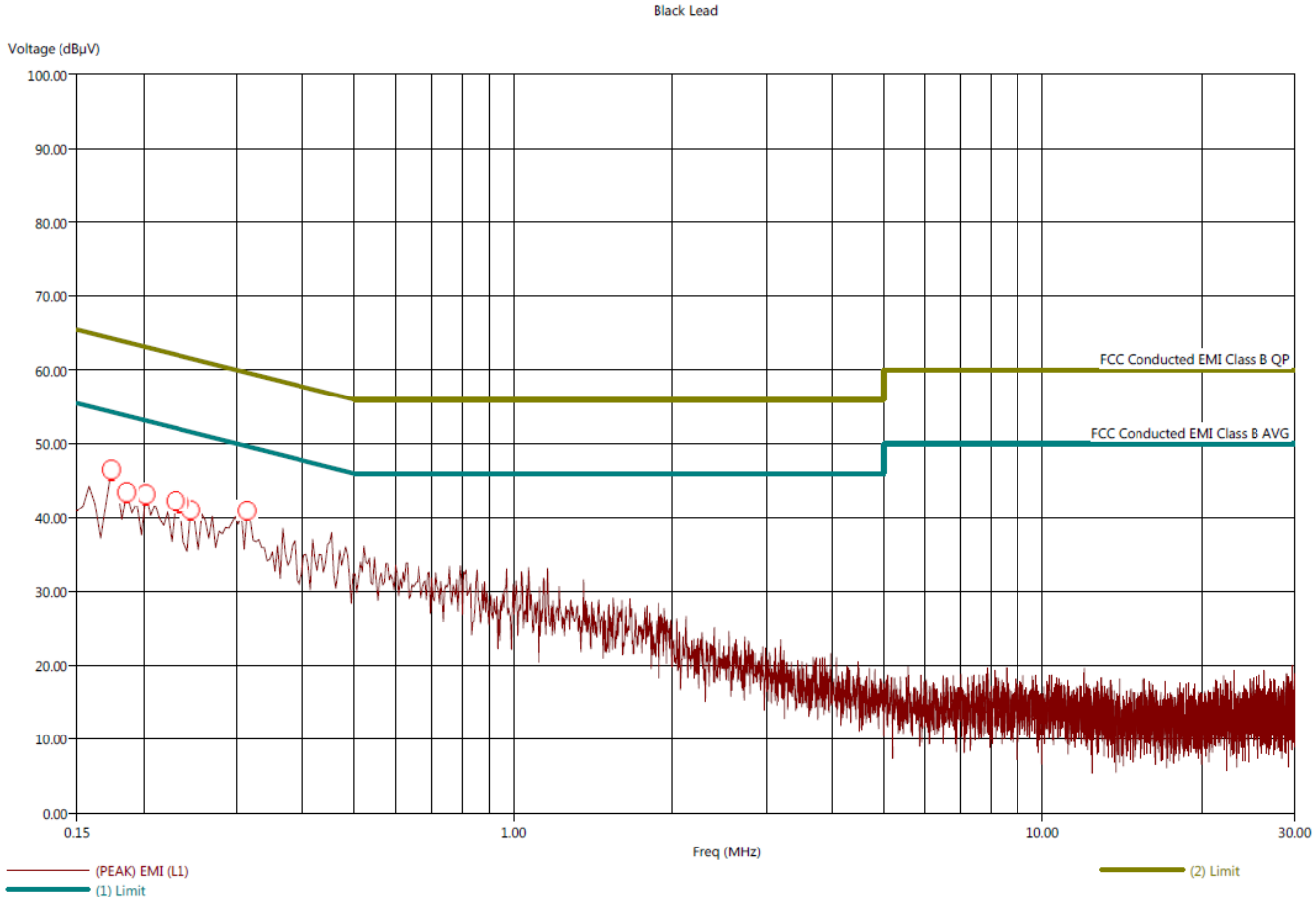
6/19/2023 10:26:24 AM
Sequence: Final Measurements

White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.178	48.30	40.23	-5.80	-13.87	54.09	0.01	0.15	10.10
0.190	37.08	26.73	-16.15	-26.50	53.23	0.01	0.13	10.10
0.230	37.53	26.83	-14.65	-25.35	52.18	0.01	0.12	10.10
0.286	35.02	24.41	-15.47	-26.08	50.50	0.01	0.10	10.10
0.302	34.54	23.83	-15.56	-26.27	50.10	0.01	0.10	10.10
0.314	33.81	23.51	-15.95	-26.25	49.76	0.01	0.10	10.10

Title: FCC Class B - Black Lead
File: 4 - Pre-Scan - BL - PoE Power and Internal Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

6/19/2023 9:43:51 AM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 4 - Final Scan - BL - PoE Power and Internal Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

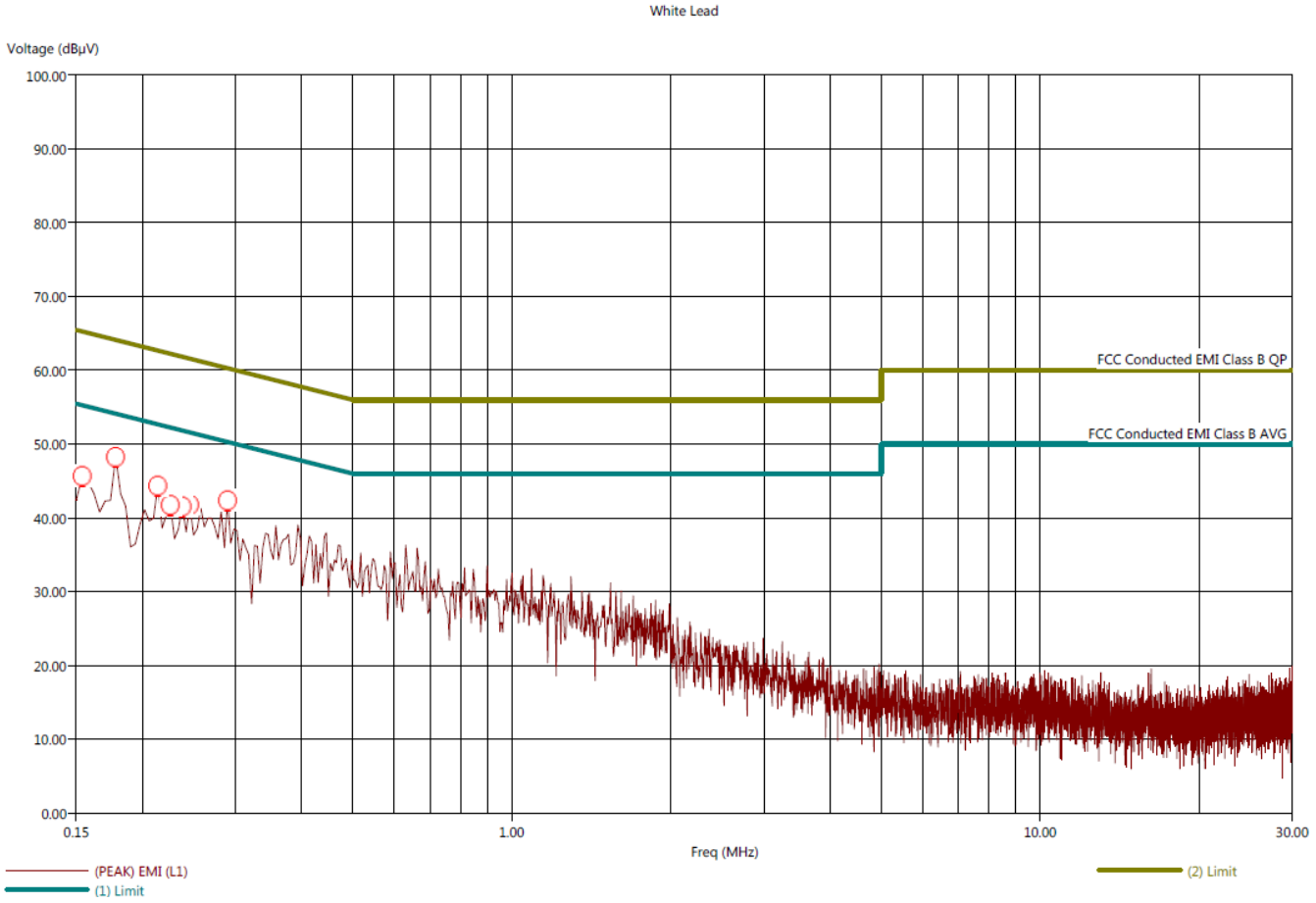
6/19/2023 9:45:00 AM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.174	48.49	39.37	-5.61	-14.73	54.10	0.01	0.15	10.10
0.186	48.18	41.15	-5.91	-12.94	54.09	0.01	0.15	10.10
0.202	37.50	26.83	-15.51	-26.18	53.01	0.01	0.13	10.10
0.230	37.38	26.82	-14.69	-25.25	52.07	0.01	0.12	10.10
0.234	36.88	27.17	-15.37	-25.08	52.25	0.01	0.12	10.10
0.246	35.87	25.53	-15.46	-25.80	51.33	0.01	0.12	10.10
0.314	33.17	23.59	-16.66	-26.24	49.83	0.01	0.11	10.10

Title: FCC Class B - White Lead
File: 4 - Pre-Scan - WL - PoE Power and Internal Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

6/19/2023 9:47:45 AM
Sequence: Preliminary Scan



Title: FCC Class B - White Lead
File: 4 - Final Scan - WL - PoE Power and Internal Antenna - Tx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously transmitting at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

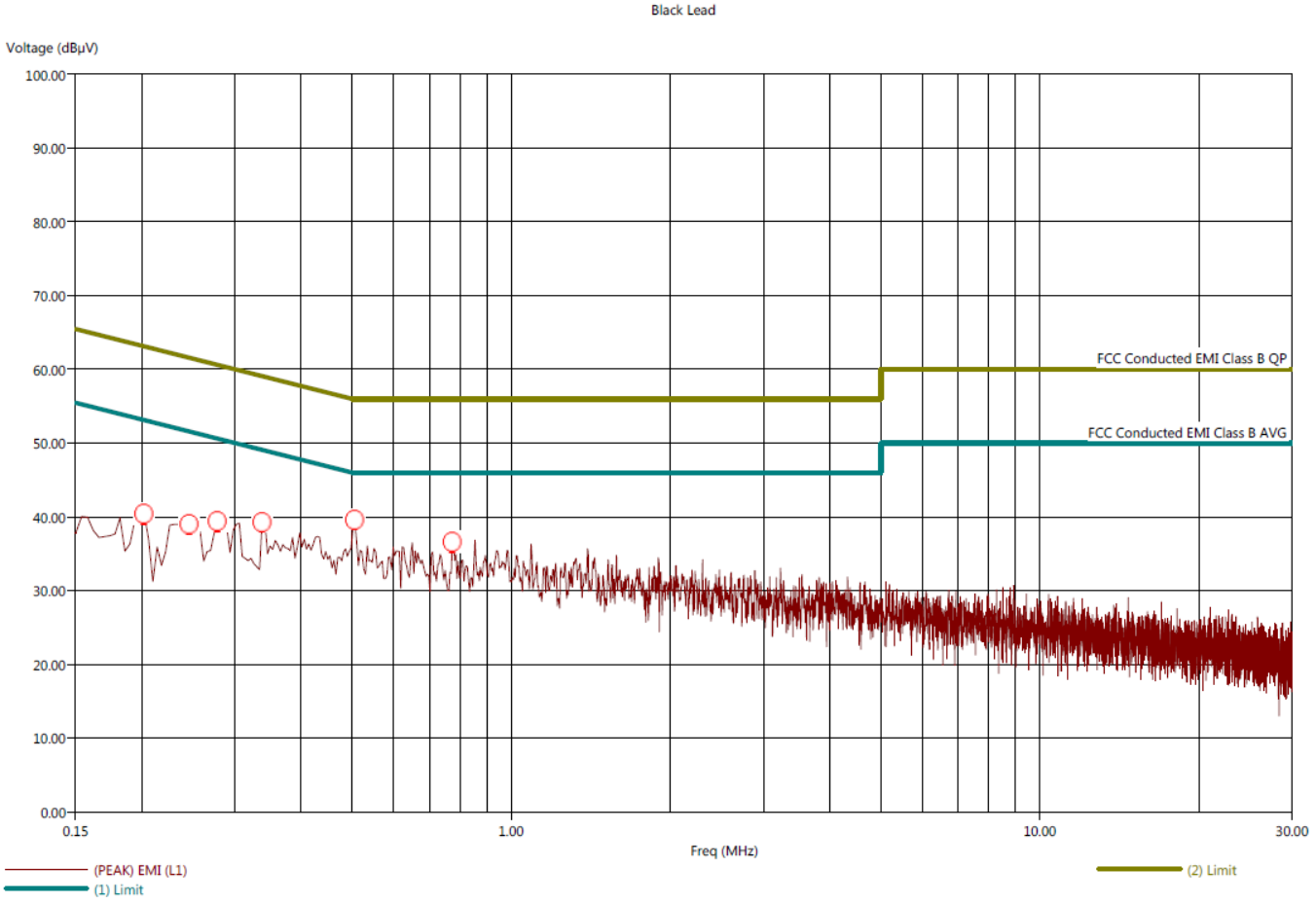
6/19/2023 10:13:05 AM
Sequence: Final Measurements

White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.154	44.95	42.17	-10.20	-12.98	55.15	0.01	0.17	10.10
0.178	48.38	41.08	-5.71	-13.01	54.08	0.01	0.15	10.10
0.214	37.33	27.20	-15.10	-25.23	52.44	0.01	0.12	10.10
0.226	37.06	27.22	-15.38	-25.22	52.44	0.01	0.12	10.10
0.238	37.52	26.62	-14.30	-25.20	51.82	0.01	0.12	10.10
0.246	35.65	25.46	-15.76	-25.95	51.41	0.01	0.11	10.10
0.290	33.81	24.20	-16.57	-26.18	50.38	0.01	0.10	10.10

Title: FCC Class B - Black Lead
File: 5 - Pre-Scan - BL - External Power and External Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

6/19/2023 8:53:37 AM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 5 - Final Scan - BL - External Power and External Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

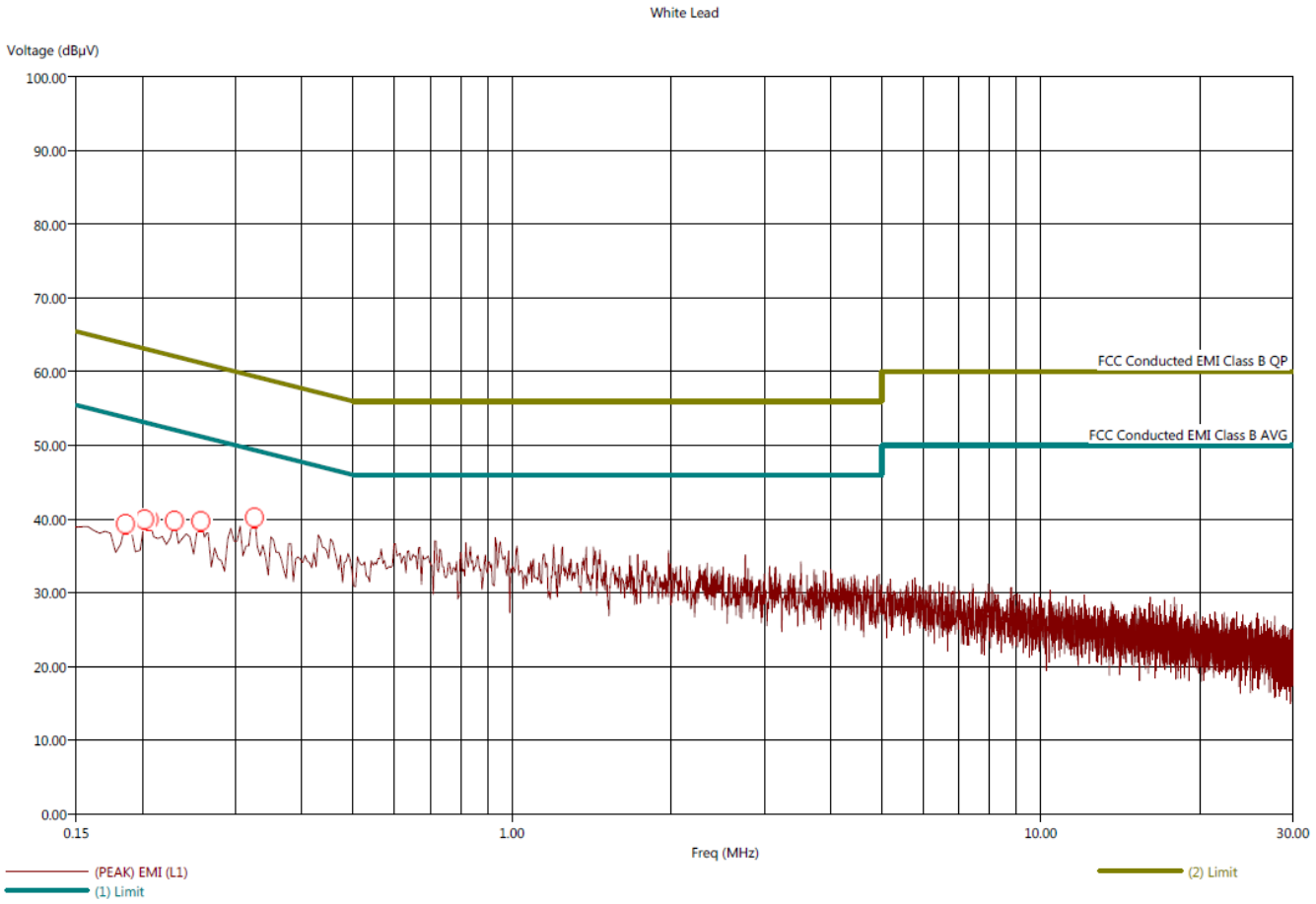
6/19/2023 8:54:48 AM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.202	41.38	31.88	-11.76	-21.26	53.14	0.01	0.13	10.10
0.246	41.70	31.38	-9.71	-20.03	51.41	0.01	0.12	10.10
0.278	41.77	31.02	-8.76	-19.51	50.54	0.01	0.11	10.10
0.338	40.85	30.64	-8.36	-18.57	49.20	0.01	0.11	10.10
0.506	40.04	29.49	-5.96	-16.51	46.00	0.01	0.10	10.10
0.774	39.96	28.62	-6.04	-17.38	46.00	0.02	0.10	10.10

Title: FCC Class B - White Lead
File: 5 - Pre-Scan - WL - External Power and External Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

6/19/2023 8:50:25 AM
Sequence: Preliminary Scan



Title: FCC Class B - White Lead
File: 5 - Final Scan - WL - External Power and External Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and External Antenna

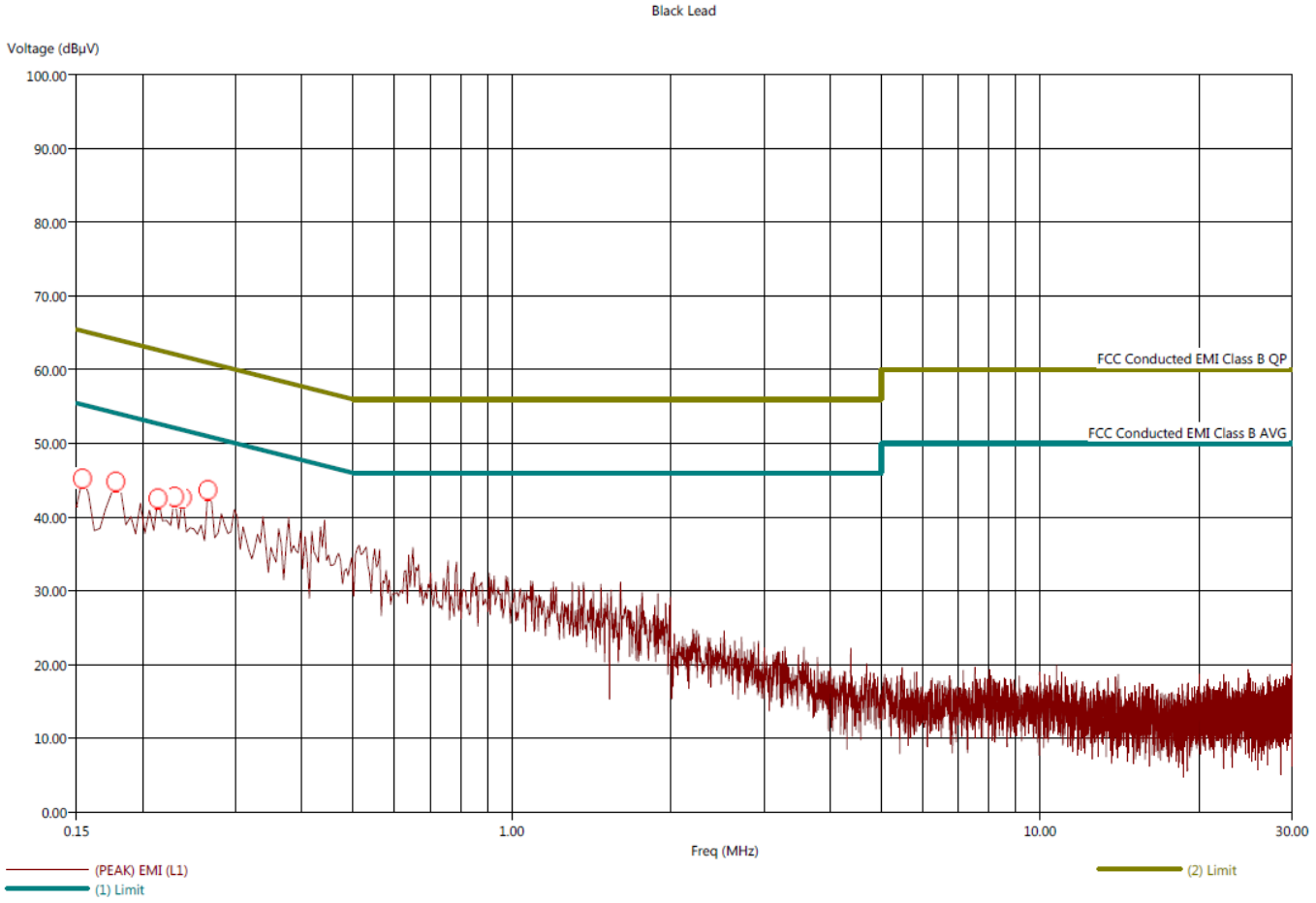
6/19/2023 8:51:31 AM
Sequence: Final Measurements

White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.186	39.85	30.48	-14.16	-23.53	54.01	0.01	0.14	10.10
0.202	41.92	30.54	-11.42	-22.80	53.35	0.01	0.13	10.10
0.206	41.26	29.77	-11.59	-23.08	52.85	0.01	0.13	10.10
0.230	40.43	29.65	-11.61	-22.39	52.04	0.01	0.12	10.10
0.258	39.45	29.99	-11.90	-21.36	51.35	0.01	0.12	10.10
0.326	40.32	30.42	-9.02	-18.92	49.34	0.01	0.11	10.10

Title: FCC Class B - Black Lead
File: 6 - Pre-Scan - BL - PoE Power and External Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

6/19/2023 9:10:48 AM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 6 - Final Scan - BL - PoE Power and External Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

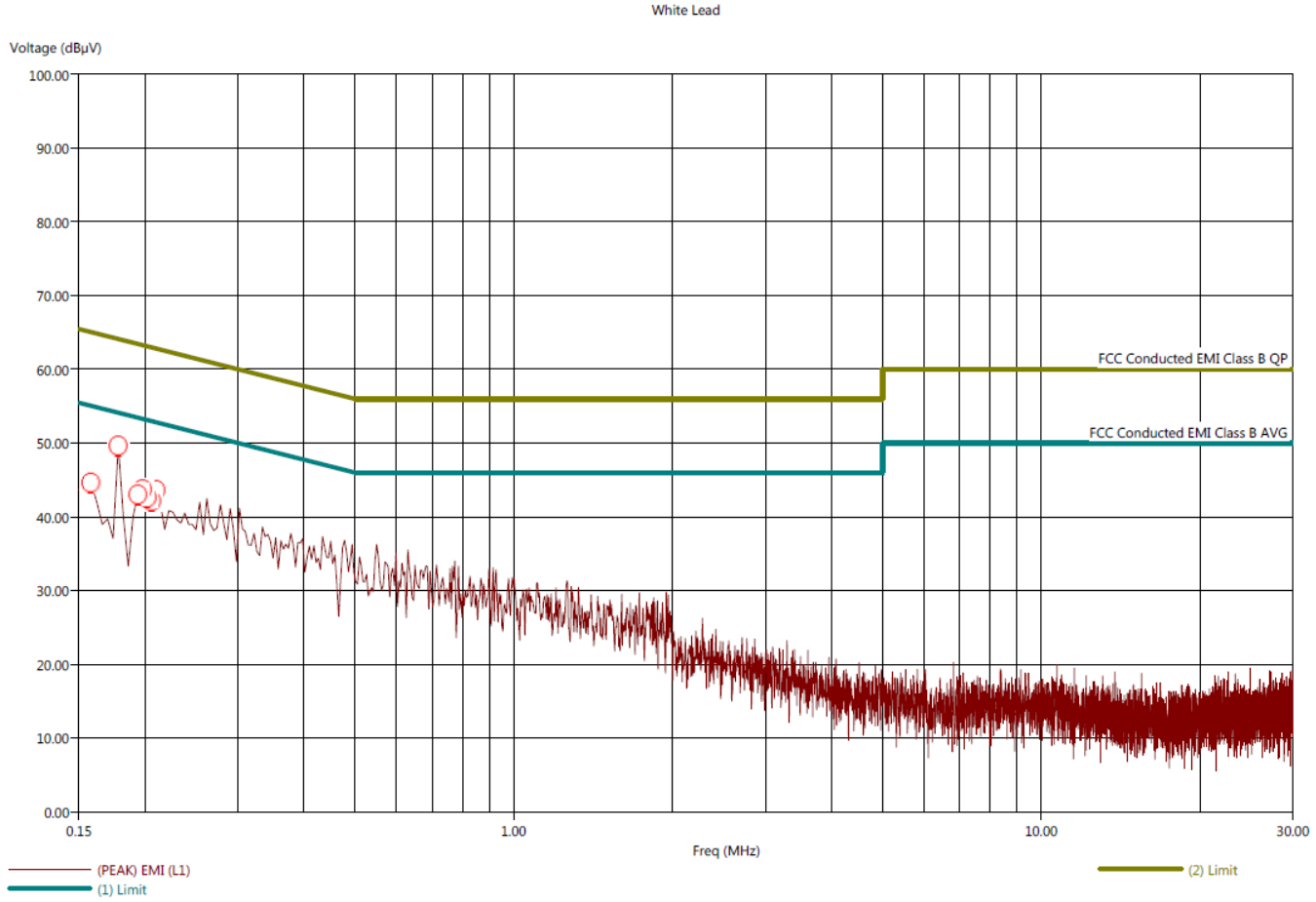
6/19/2023 9:12:47 AM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.154	47.61	41.64	-7.53	-13.50	55.14	0.01	0.17	10.10
0.178	47.90	41.22	-6.19	-12.87	54.09	0.01	0.15	10.10
0.214	37.04	27.42	-15.76	-25.38	52.79	0.01	0.13	10.10
0.230	37.79	26.95	-14.52	-25.36	52.32	0.01	0.12	10.10
0.238	36.11	26.29	-15.46	-25.28	51.57	0.01	0.12	10.10
0.266	34.69	24.66	-16.07	-26.10	50.77	0.01	0.11	10.10

Title: FCC Class B - White Lead
File: 6 - Pre-Scan - WL - PoE Power and External Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: 1
PoE Power and External Antenna

6/19/2023 9:20:13 AM
Sequence: Preliminary Scan



Title: FCC Class B - White Lead
File: 6 - Final Scan - WL - PoE Power and External Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and External Antenna

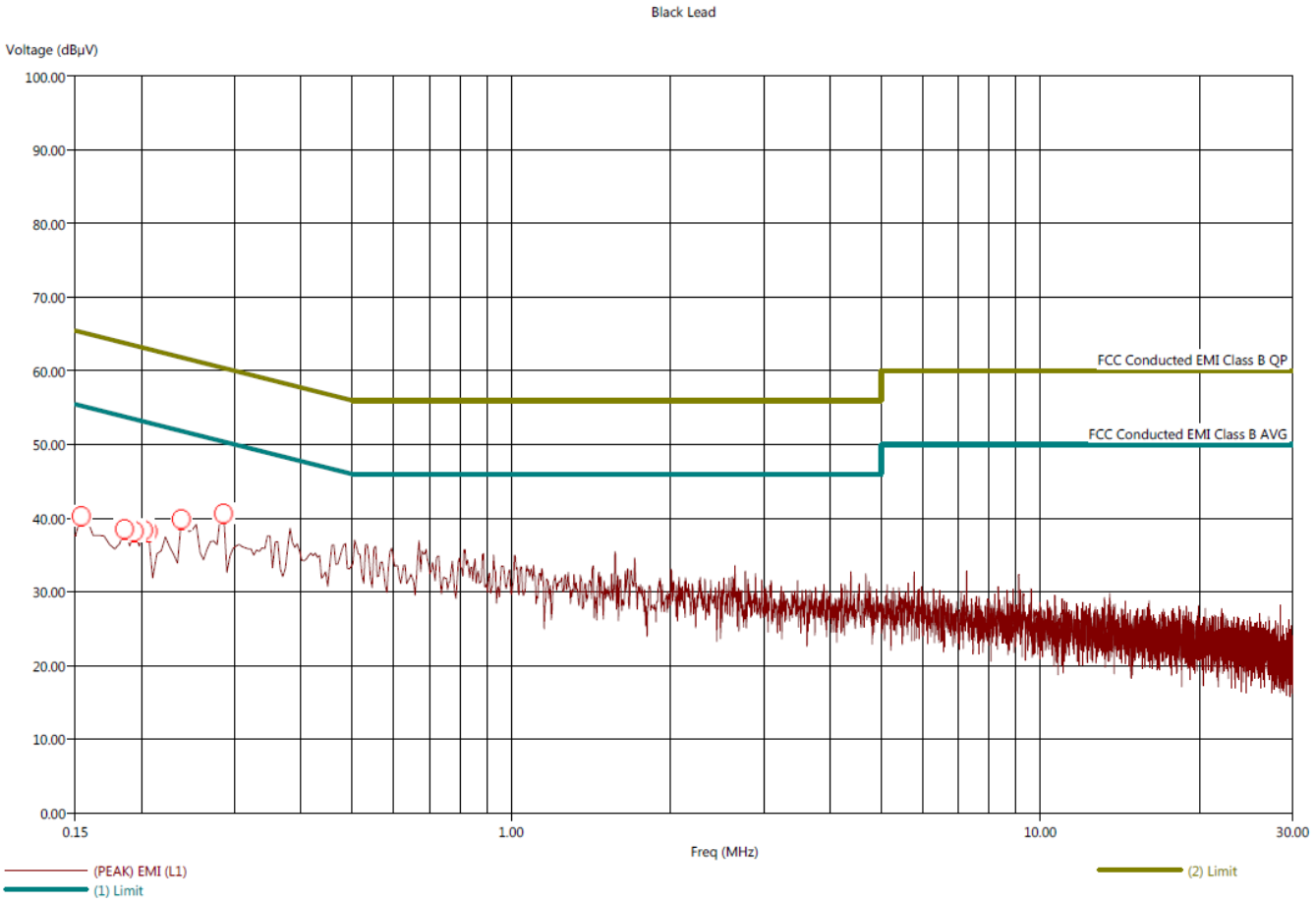
6/19/2023 9:21:22 AM
Sequence: Final Measurements

White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.158	48.12	42.09	-7.02	-13.05	55.14	0.01	0.17	10.10
0.178	48.19	37.94	-5.91	-16.16	54.10	0.01	0.15	10.10
0.194	47.53	37.43	-6.57	-16.67	54.10	0.01	0.15	10.10
0.198	39.03	27.80	-14.51	-25.74	53.53	0.01	0.14	10.10
0.202	36.78	26.44	-16.29	-26.63	53.07	0.01	0.13	10.10
0.206	37.96	27.47	-14.83	-25.32	52.78	0.01	0.13	10.10
0.210	37.40	27.10	-15.08	-25.38	52.49	0.01	0.12	10.10

Title: FCC Class B - Black Lead
File: 7 - Pre-Scan - BL - External Power and Internal Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

6/19/2023 8:39:01 AM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 7 - Final Scan - BL - External Power and Internal Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

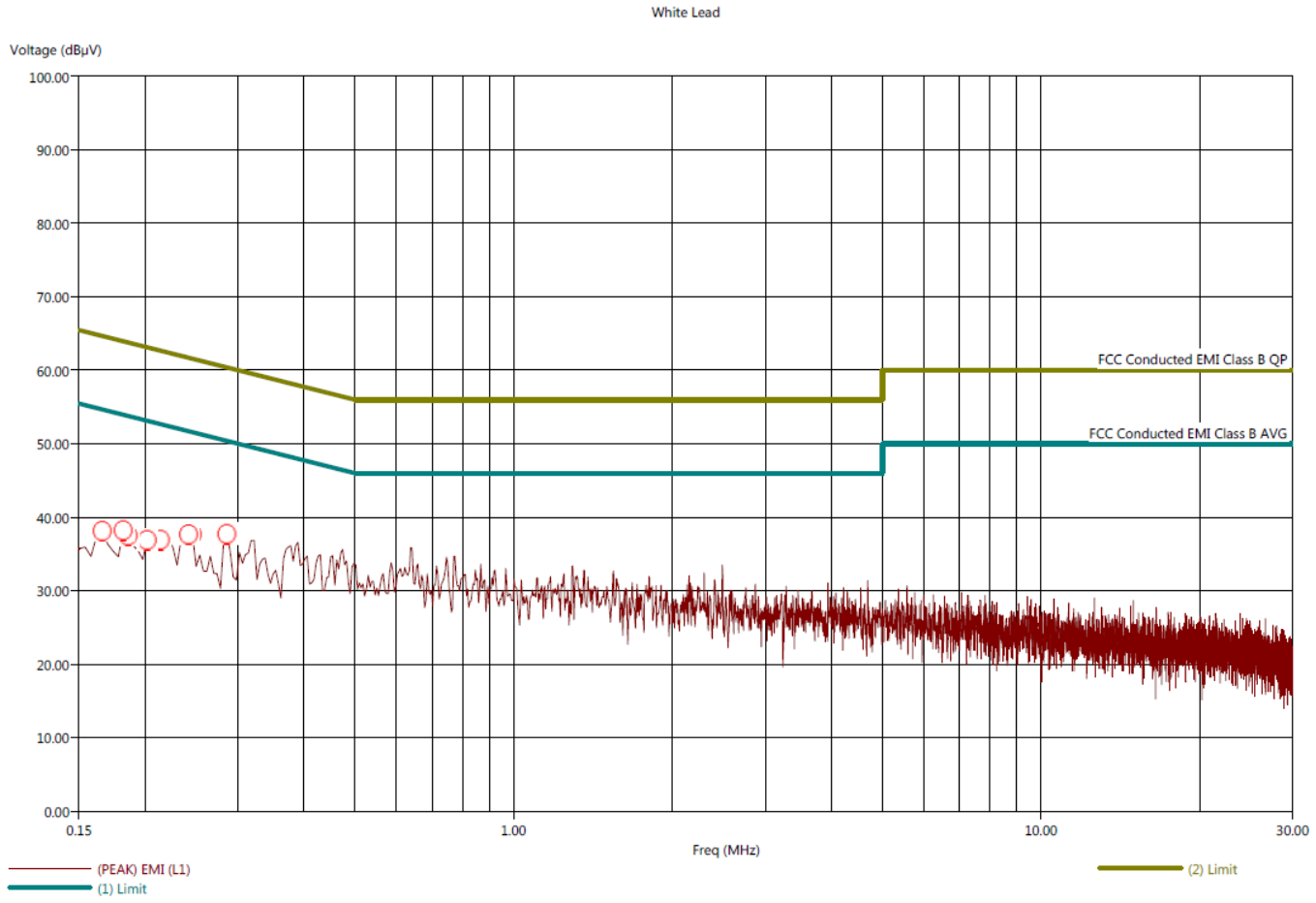
6/19/2023 8:40:04 AM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.154	44.19	35.23	-11.24	-20.20	55.44	0.01	0.17	10.10
0.186	42.71	32.50	-11.25	-21.46	53.97	0.01	0.14	10.10
0.194	42.16	31.87	-10.99	-21.28	53.15	0.01	0.13	10.10
0.202	41.51	32.08	-11.45	-20.88	52.96	0.01	0.13	10.10
0.206	41.93	31.65	-10.96	-21.24	52.89	0.01	0.13	10.10
0.238	41.40	31.20	-10.29	-20.49	51.69	0.01	0.12	10.10
0.286	41.42	30.33	-8.82	-19.91	50.24	0.01	0.11	10.10

Title: FCC Class B - White Lead
File: 7 - Pre-Scan - WL - External Power and Internal Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

6/19/2023 8:42:43 AM
Sequence: Preliminary Scan



Title: FCC Class B - White Lead
File: 7 - Final Scan - WL - External Power and Internal Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
External Power and Internal Antenna

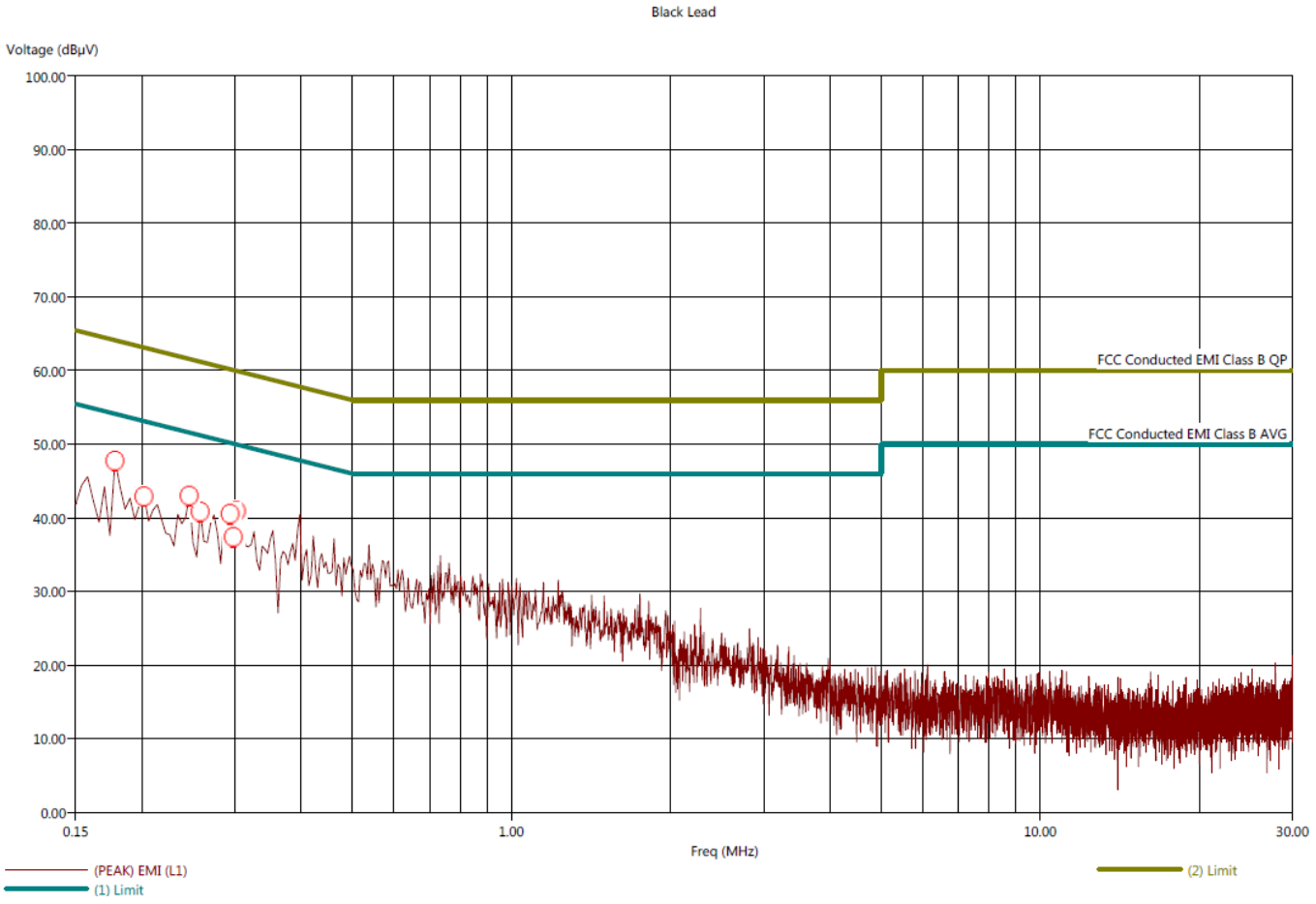
6/19/2023 8:43:55 AM
Sequence: Final Measurements

White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.166	42.28	32.56	-12.63	-22.35	54.91	0.01	0.16	10.10
0.182	43.30	32.43	-11.17	-22.04	54.48	0.01	0.15	10.10
0.186	42.04	32.12	-11.84	-21.76	53.88	0.01	0.14	10.10
0.202	42.29	32.07	-10.70	-20.92	52.99	0.01	0.13	10.10
0.214	41.47	31.92	-11.32	-20.87	52.79	0.01	0.13	10.10
0.242	41.53	31.27	-10.41	-20.67	51.94	0.01	0.12	10.10
0.246	40.74	31.20	-10.75	-20.29	51.50	0.01	0.11	10.10
0.286	40.88	30.70	-9.54	-19.72	50.42	0.01	0.10	10.10

Title: FCC Class B - Black Lead
File: 8 - Pre-Scan - BL - PoE Power and Internal Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

6/19/2023 9:28:09 AM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 8 - Final Scan - BL - PoE Power and Internal Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

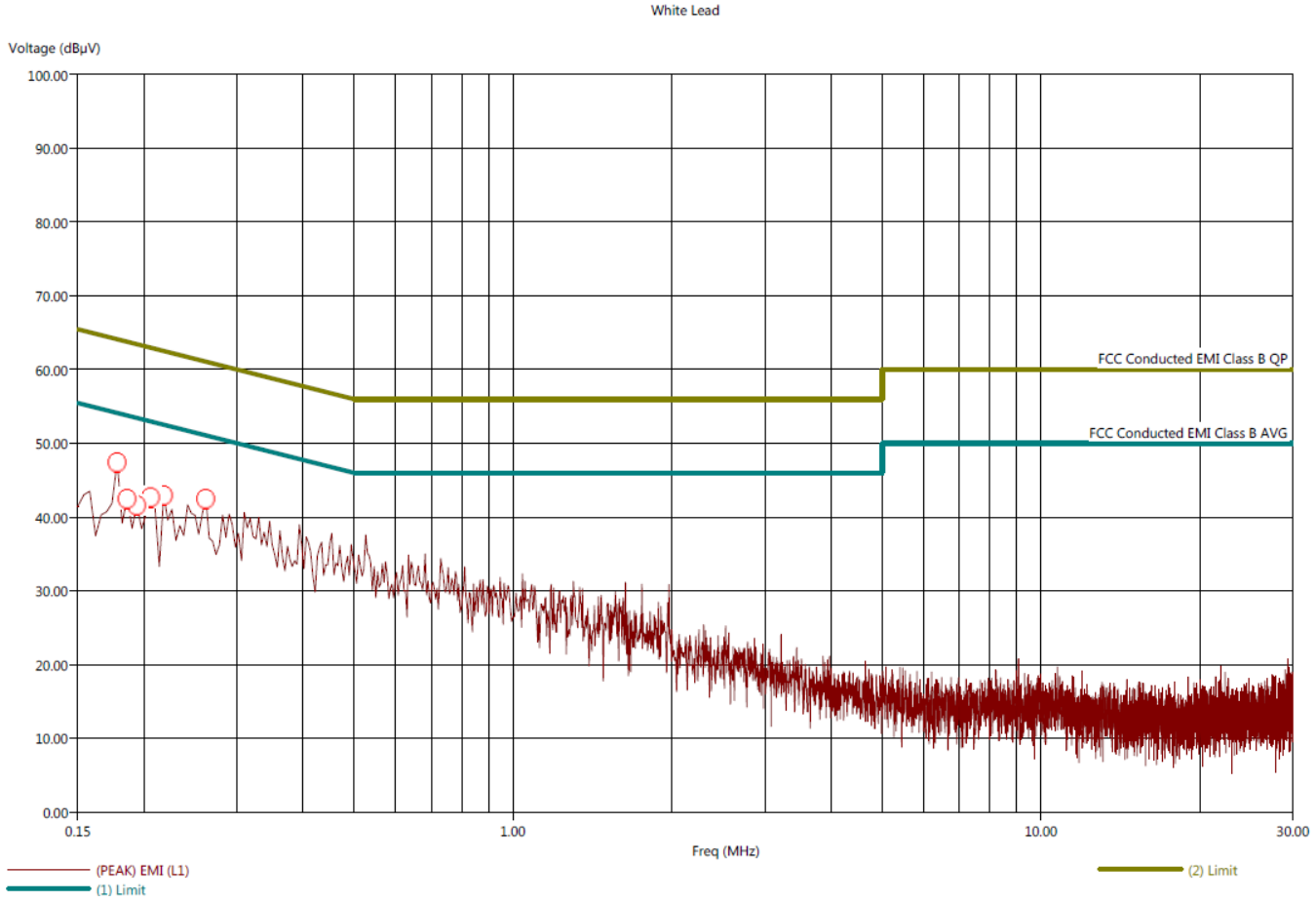
6/19/2023 9:29:19 AM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.178	41.16	27.55	-13.21	-26.82	54.37	0.01	0.15	10.10
0.202	38.00	27.19	-15.26	-26.07	53.26	0.01	0.13	10.10
0.246	36.51	26.59	-15.30	-25.22	51.81	0.01	0.12	10.10
0.258	35.49	25.20	-15.66	-25.95	51.15	0.01	0.12	10.10
0.294	34.66	23.95	-15.63	-26.34	50.29	0.01	0.11	10.10
0.298	33.87	24.14	-16.38	-26.11	50.26	0.01	0.11	10.10
0.302	34.45	23.98	-15.71	-26.18	50.16	0.01	0.11	10.10

Title: FCC Class B - White Lead
File: 8 - Pre-Scan - WL - PoE Power and Internal Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

6/19/2023 9:31:46 AM
Sequence: Preliminary Scan



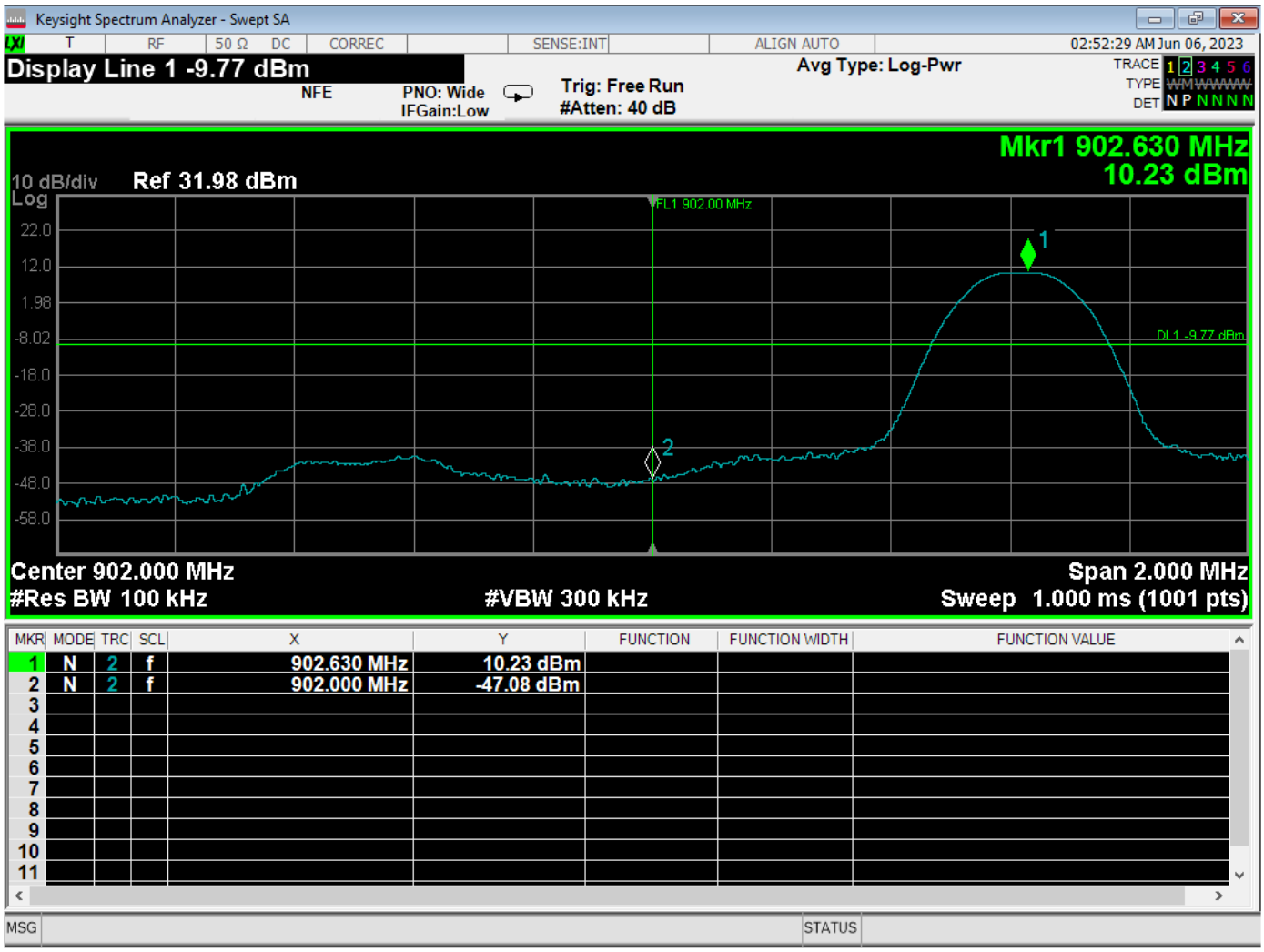
Title: FCC Class B - White Lead
File: 8 - Final Scan - WL - PoE Power and Internal Antenna - Rx Mode - 06-19-2023.set
Operator: Kyle Fujimoto
EUT Type: 900 MHz Access Point
EUT Condition: The EUT is continuously receiving at 912.62 MHz and Exercising Ethernet Port
Company: Mesa Laboratories, Inc.
Model: ViewPoint Access Point 1.1
S/N: B6900004
PoE Power and Internal Antenna

6/19/2023 9:33:07 AM
Sequence: Final Measurements

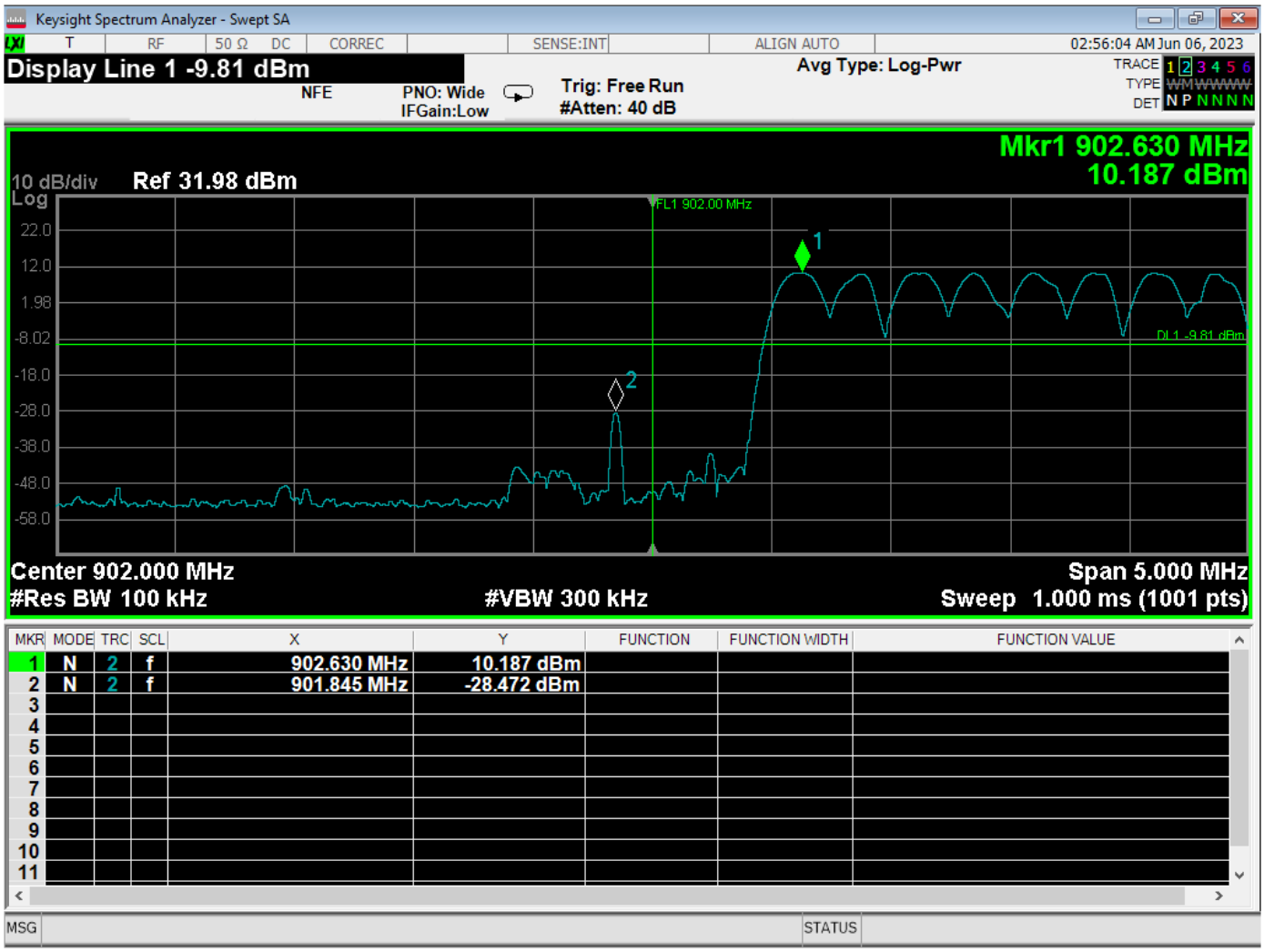
White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.178	49.02	41.52	-5.07	-12.57	54.09	0.01	0.15	10.10
0.186	48.17	41.04	-5.92	-13.05	54.09	0.01	0.15	10.10
0.194	36.89	26.92	-16.68	-26.65	53.57	0.01	0.14	10.10
0.206	37.12	26.87	-15.89	-26.14	53.01	0.01	0.13	10.10
0.218	37.66	27.16	-14.93	-25.43	52.60	0.01	0.12	10.10
0.262	34.48	24.80	-16.35	-26.03	50.83	0.01	0.11	10.10

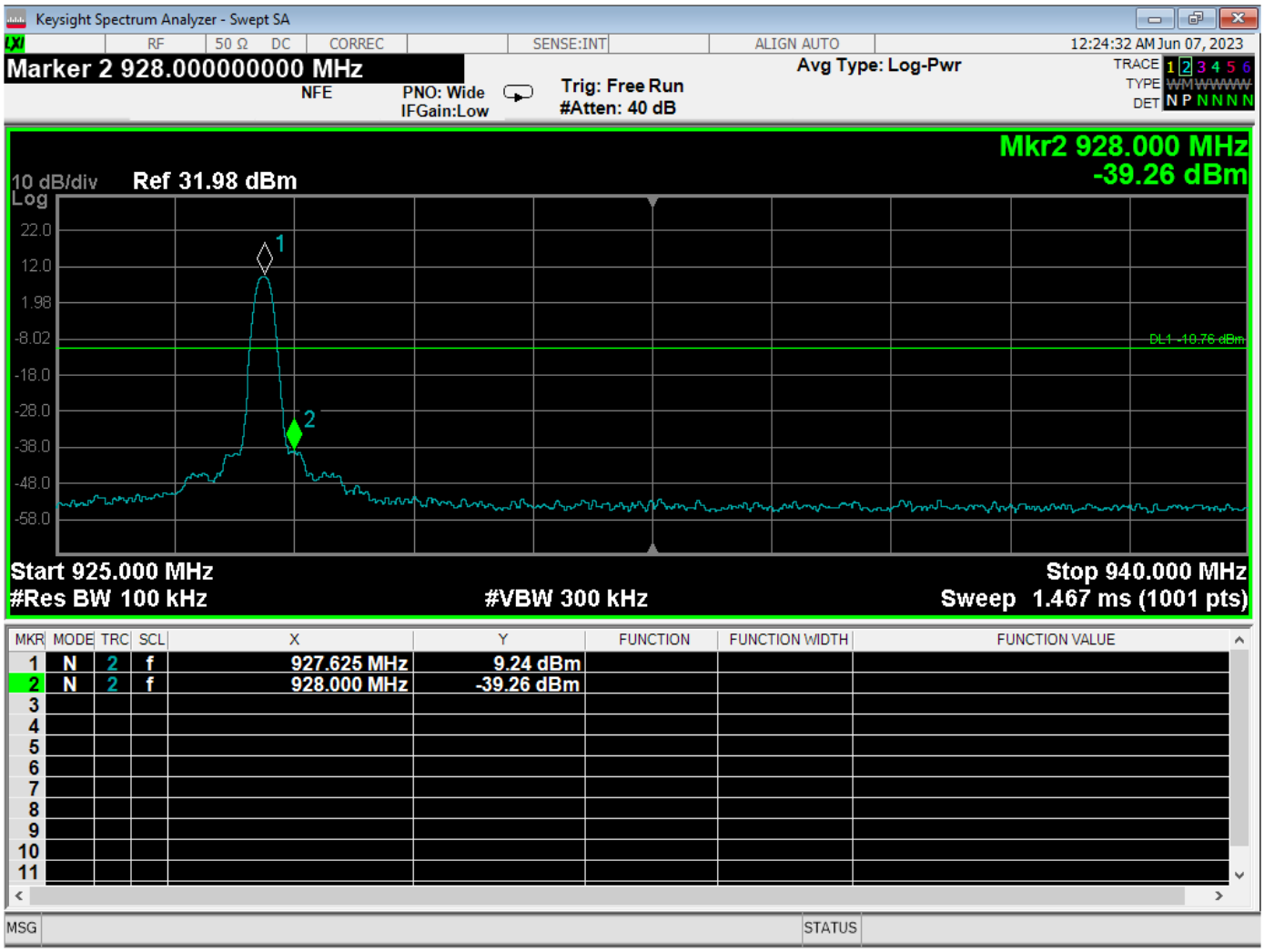
BAND EDGES DATA SHEETS



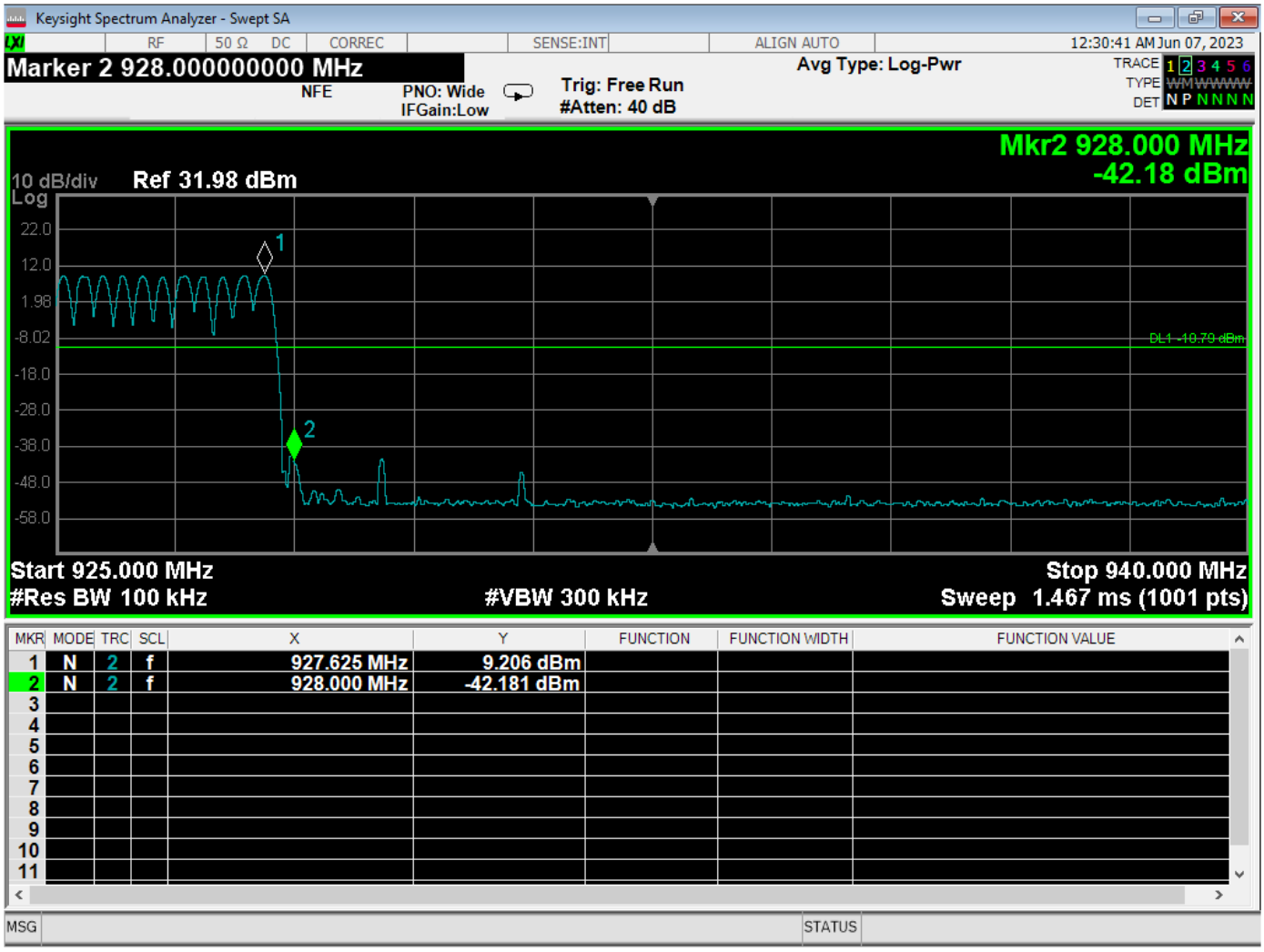
Band Edge – Low Channel – Single Channel



Band Edge – Low Channel – Frequency Hopping Mode

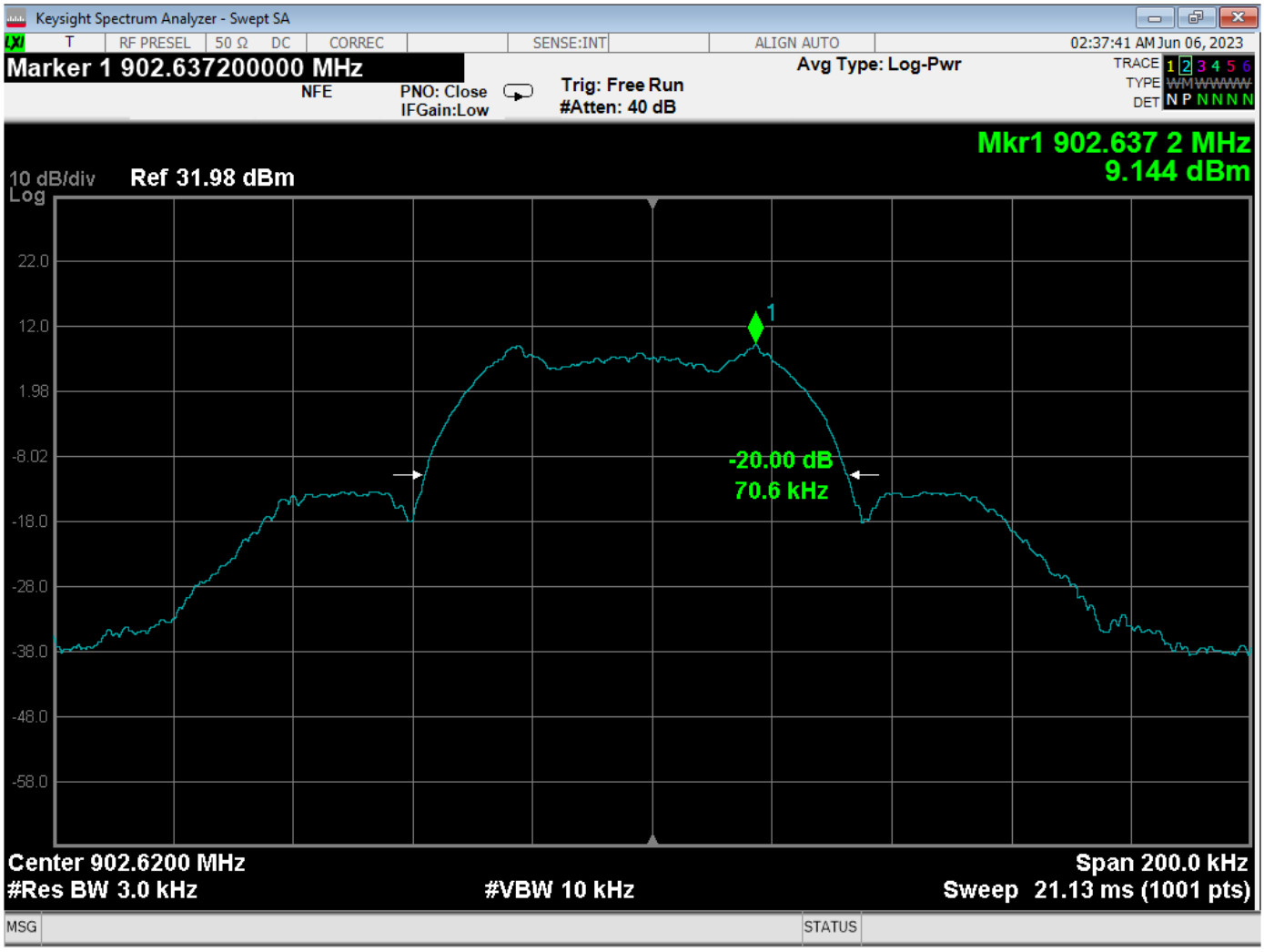


Band Edge – High Channel – Single Channel

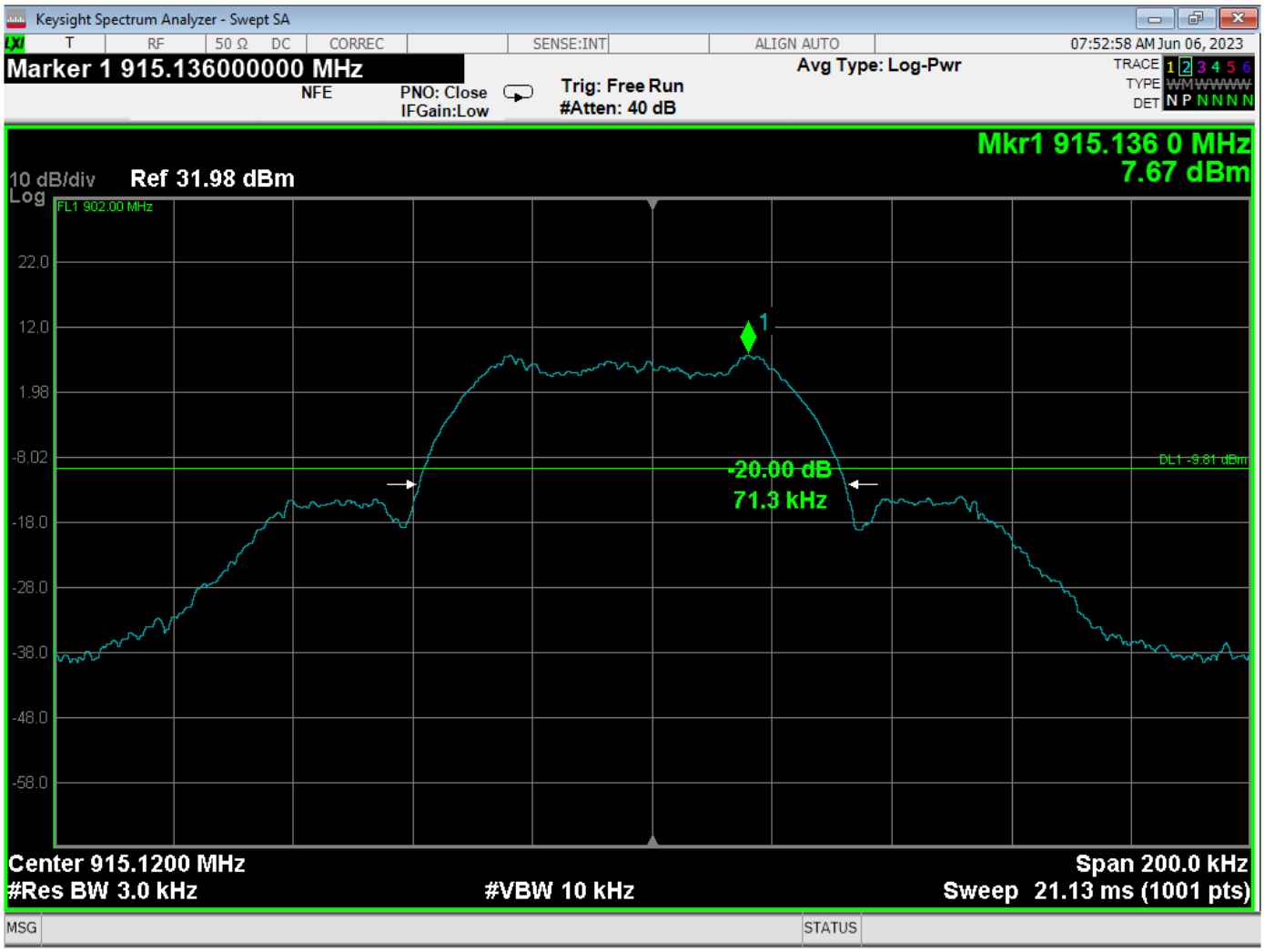


Band Edge – High Channel – Frequency Hopping Mode

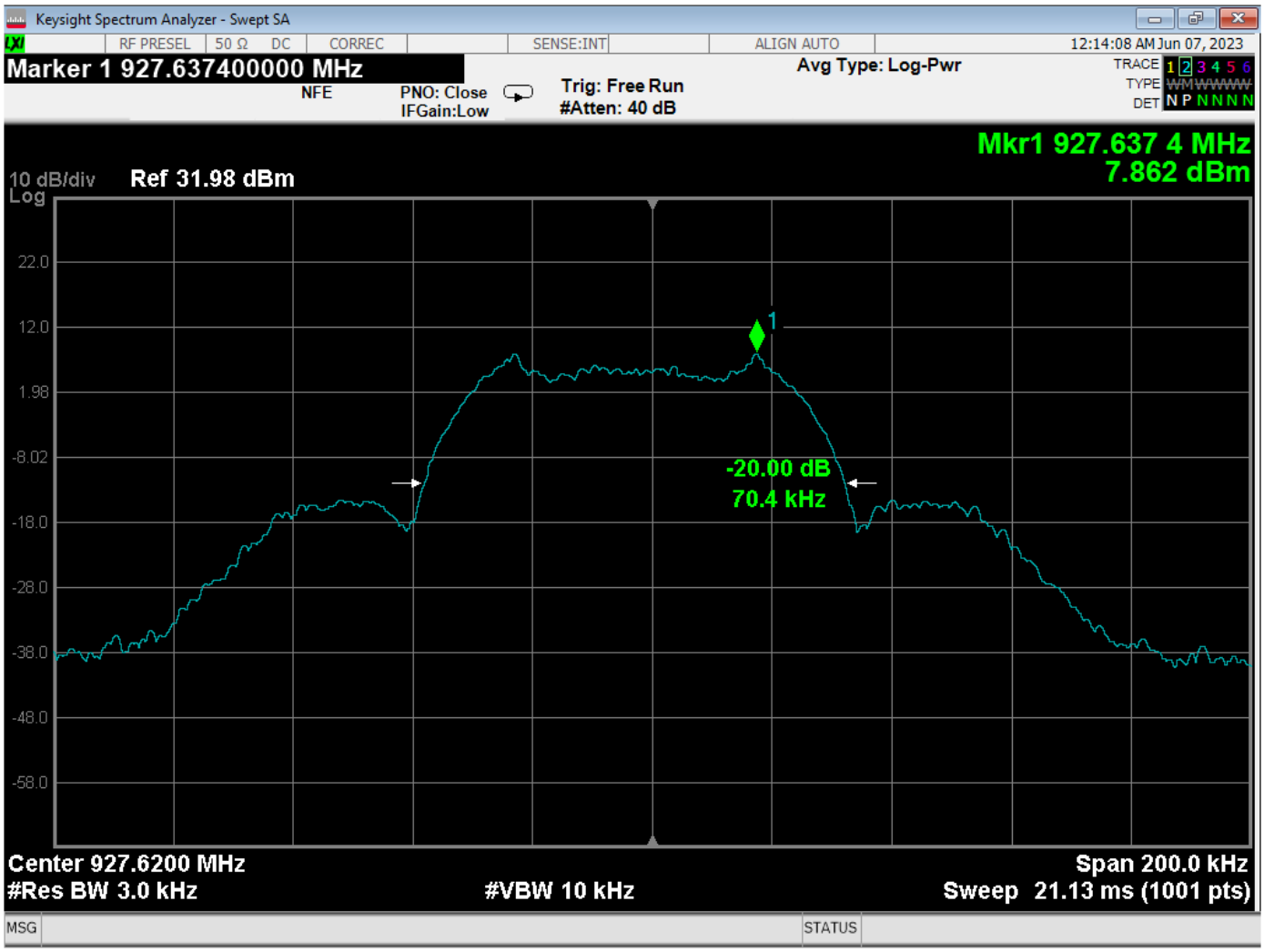
-20 dB BANDWIDTH DATA SHEETS



-20 dB Bandwidth – Low Channel

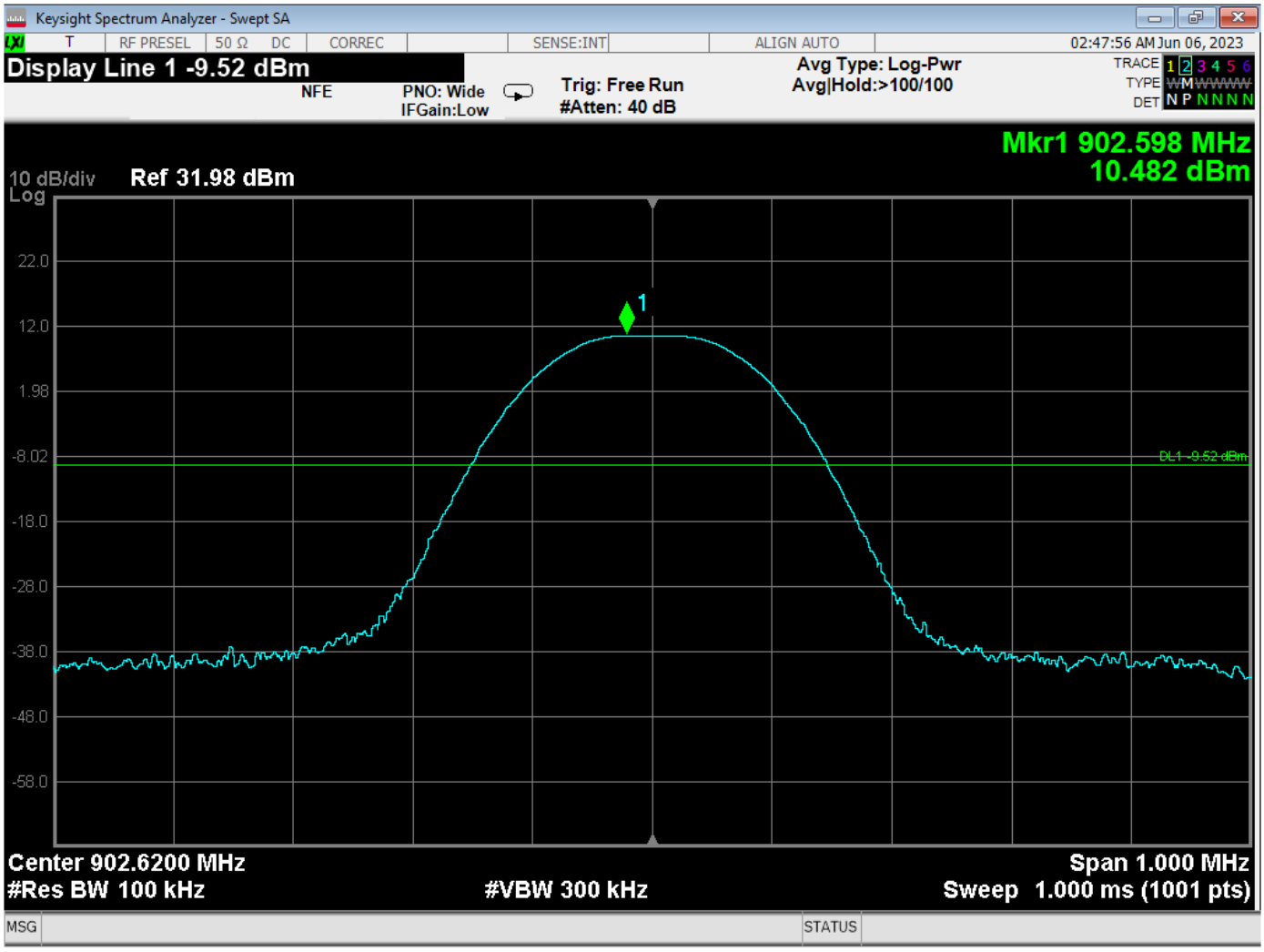


-20 dB Bandwidth – Middle Channel

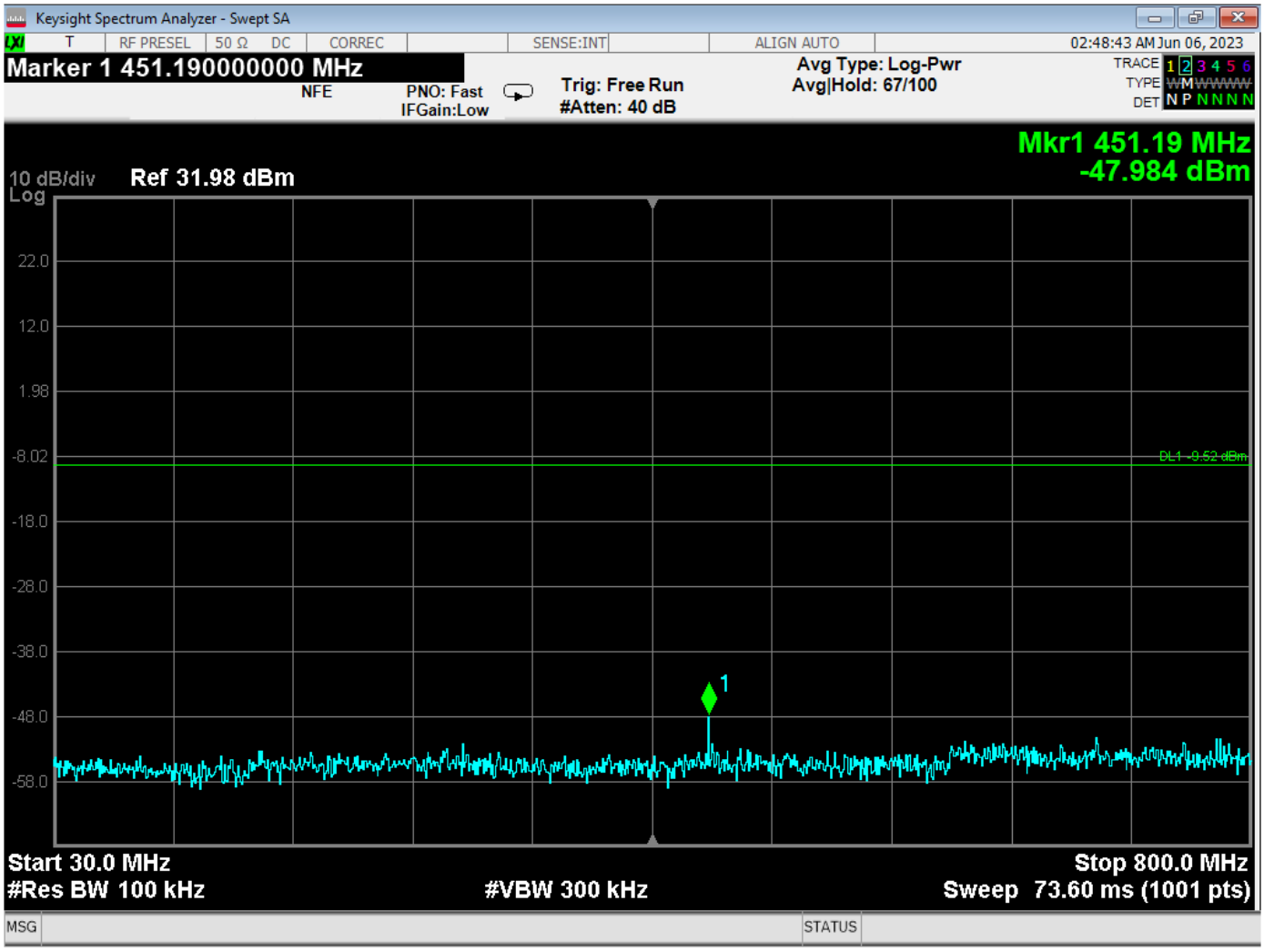


-20 dB Bandwidth – High Channel

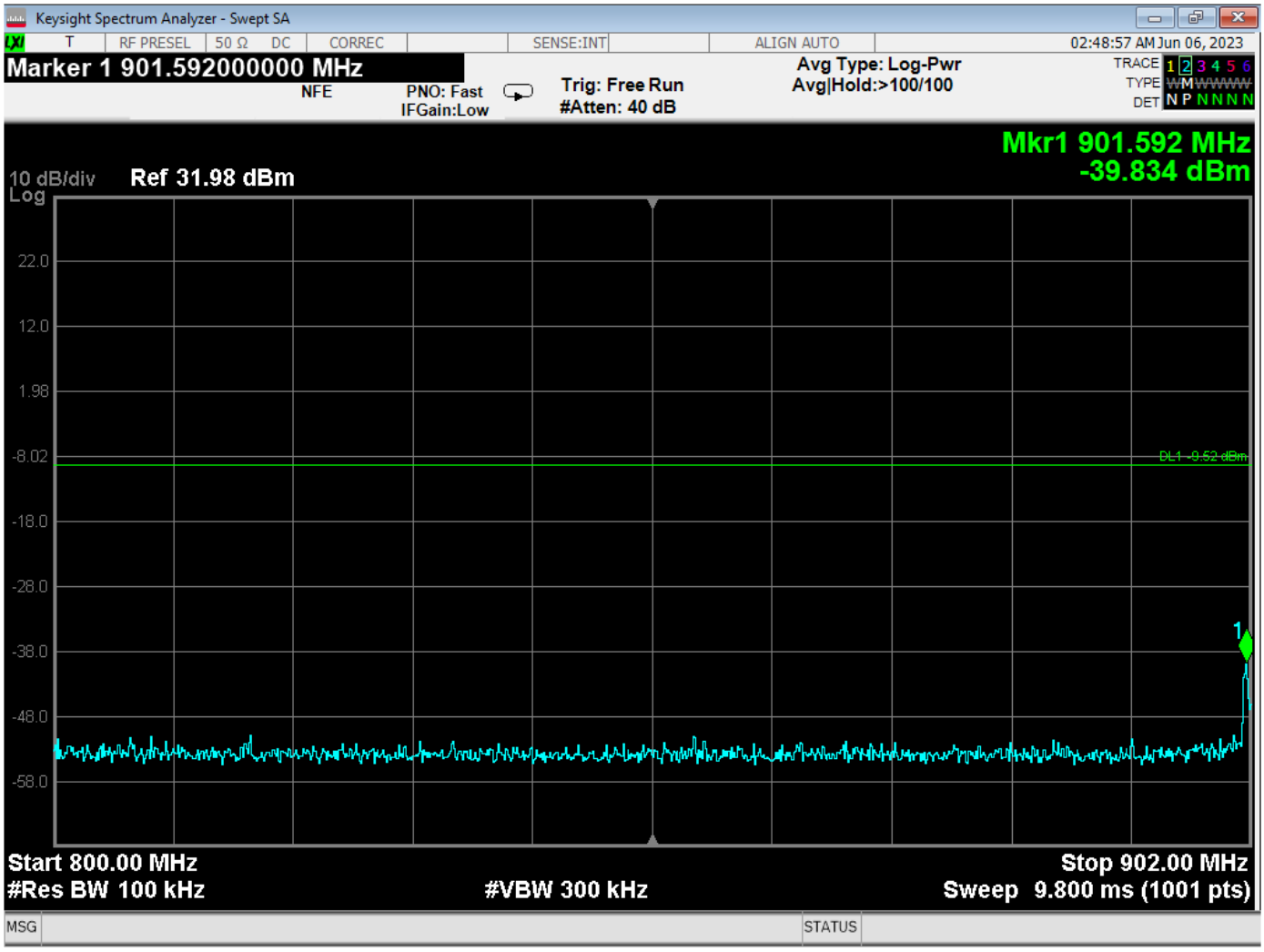
RF ANTENNA CONDUCTED DATA SHEETS



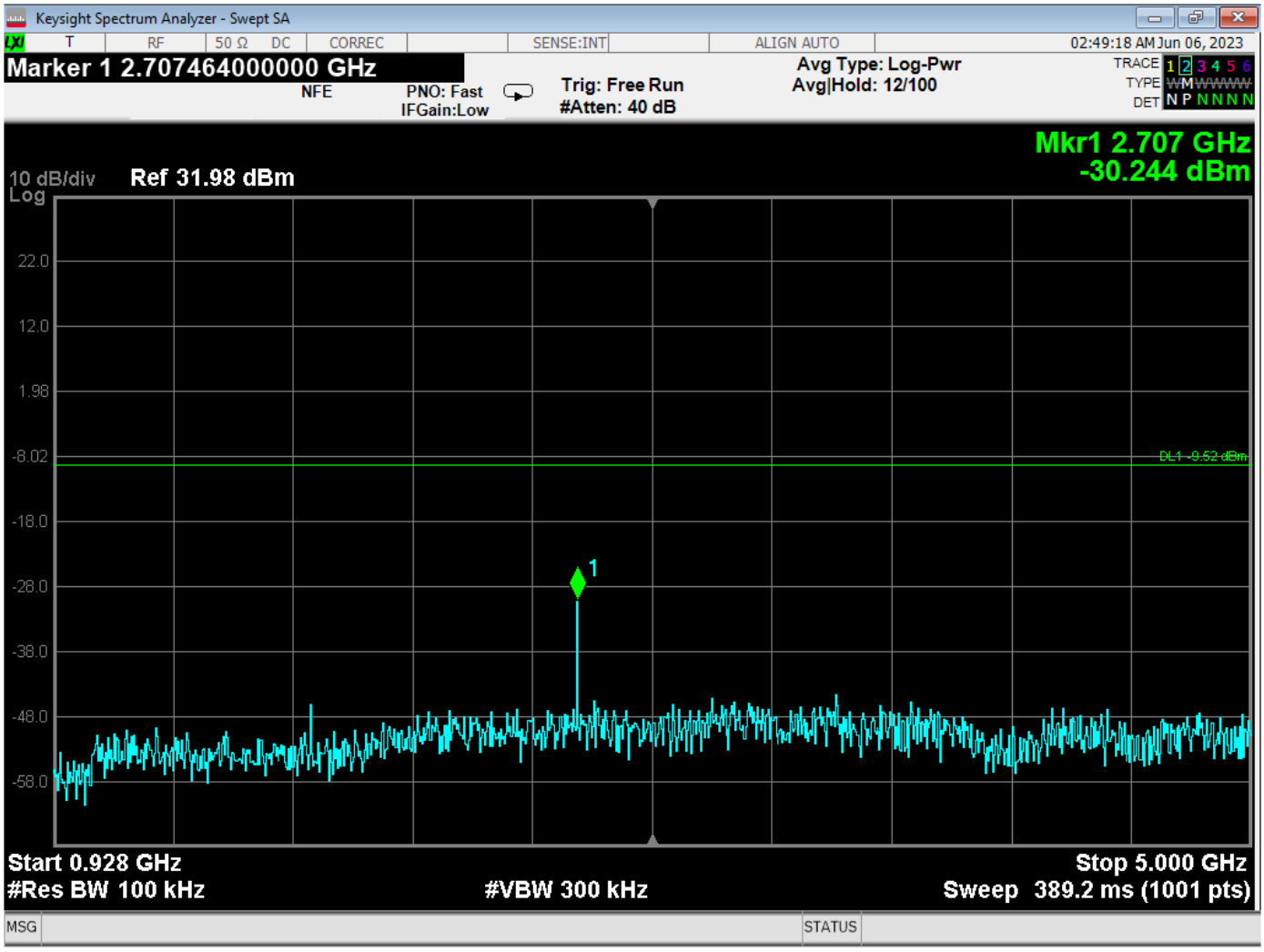
RF Antenna Conducted Low Channel – Reference Level



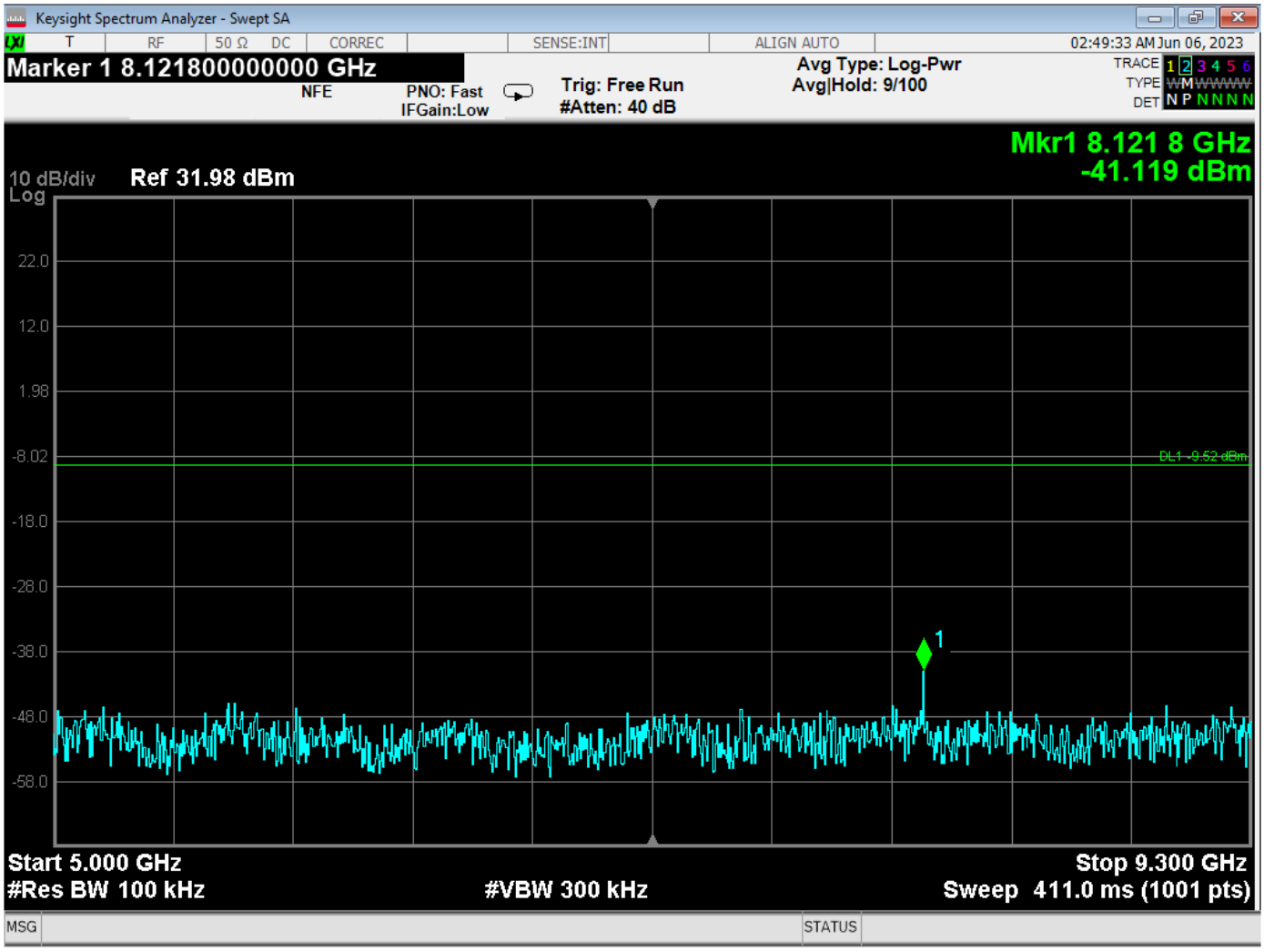
RF Antenna Conducted – Low Channel – 30 MHz to 800 MHz



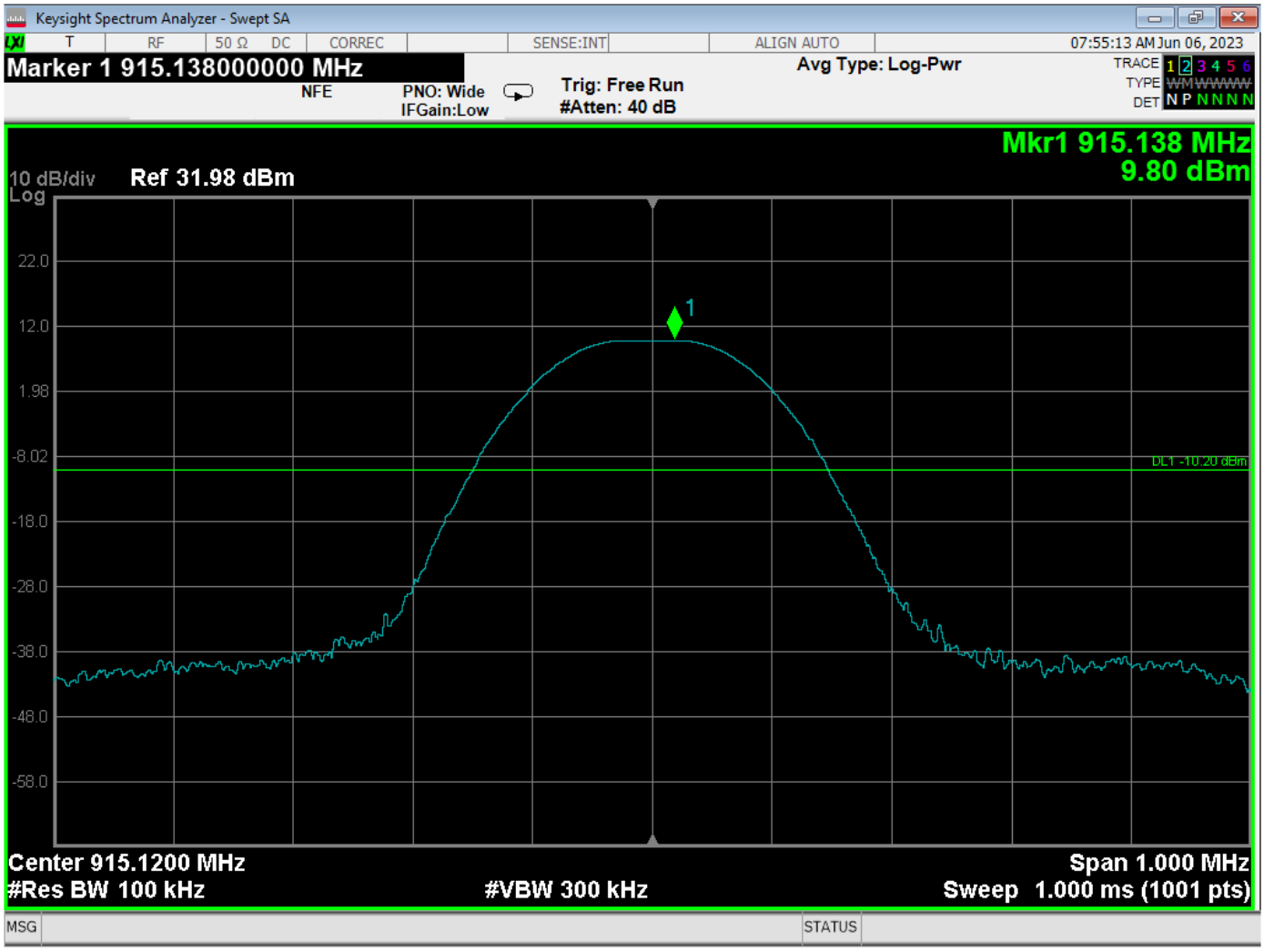
RF Antenna Conducted – Low Channel – 800 MHz to 902 MHz



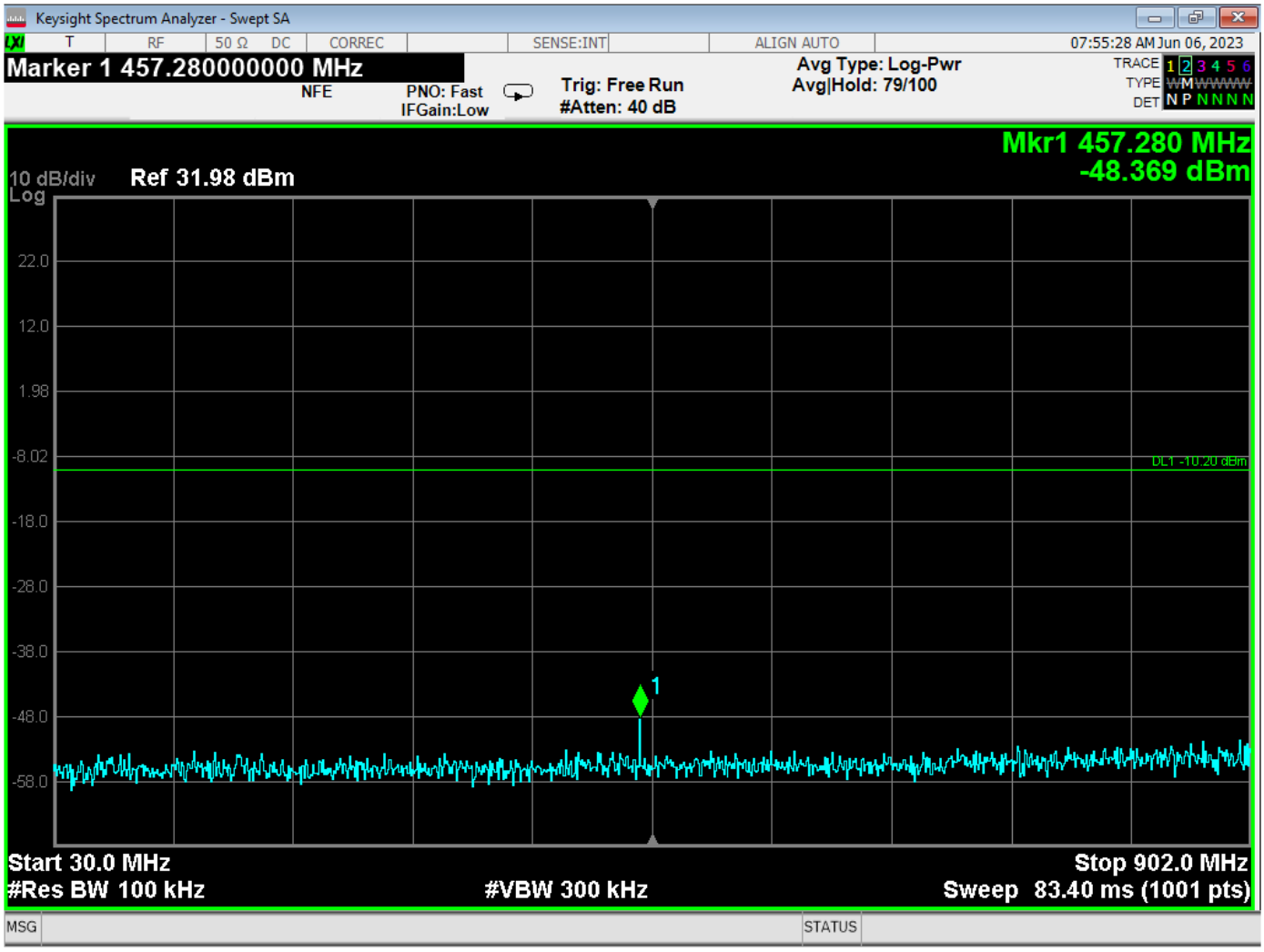
RF Antenna Conducted – Low Channel – 928 MHz to 5 GHz



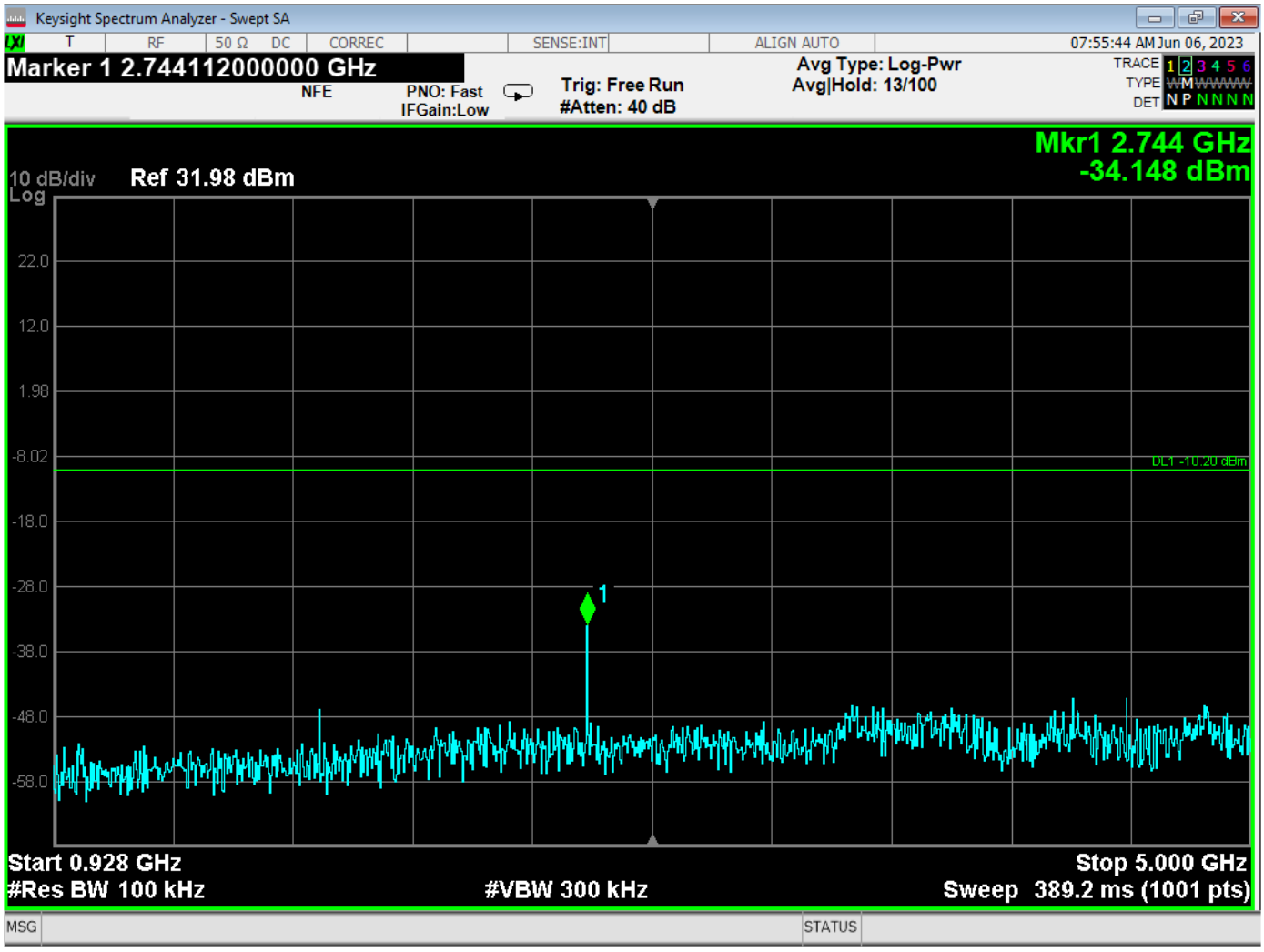
RF Antenna Conducted – Low Channel – 5 GHz to 9.3 GHz



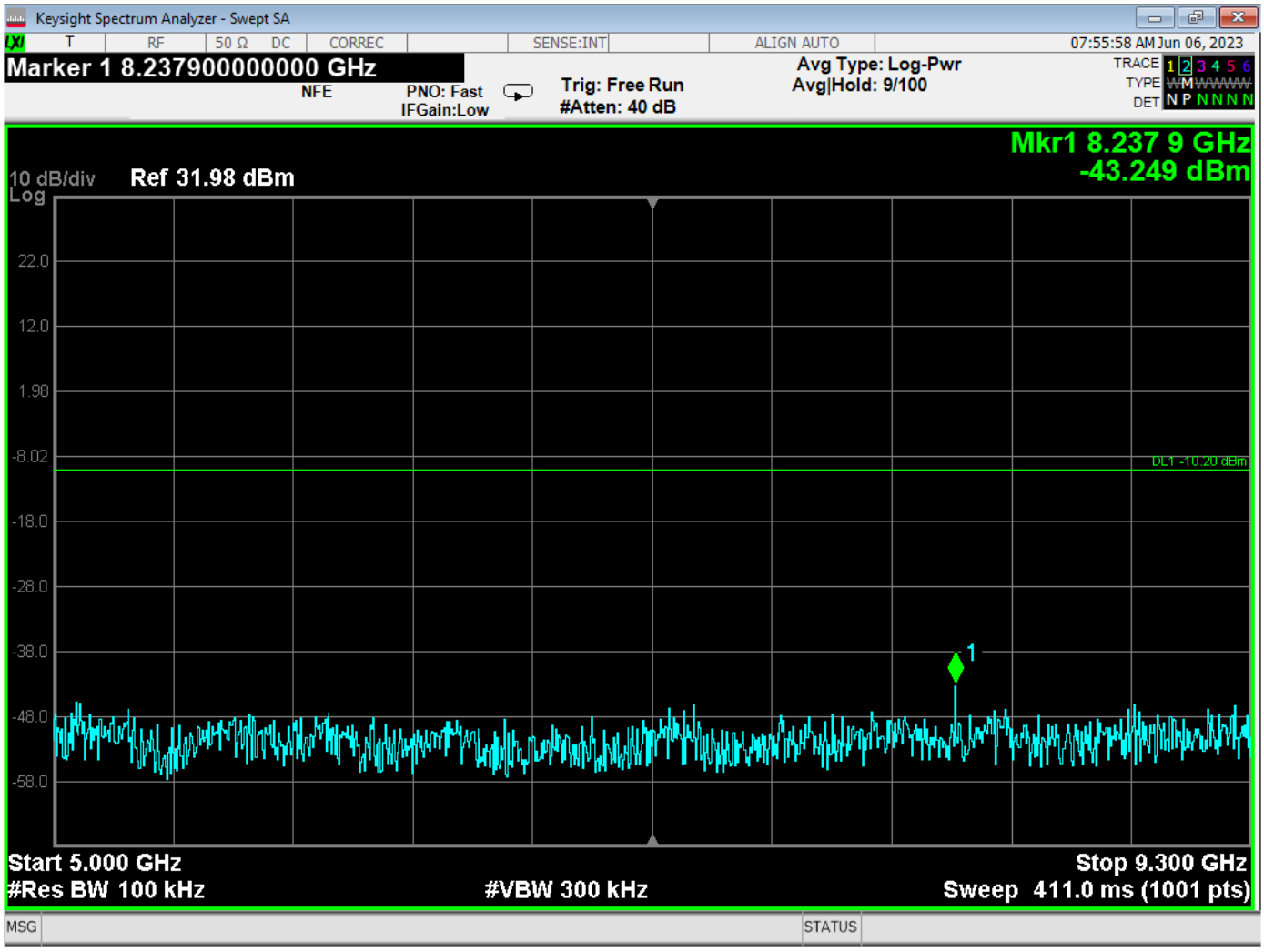
RF Antenna Conducted – Middle Channel – Reference Level



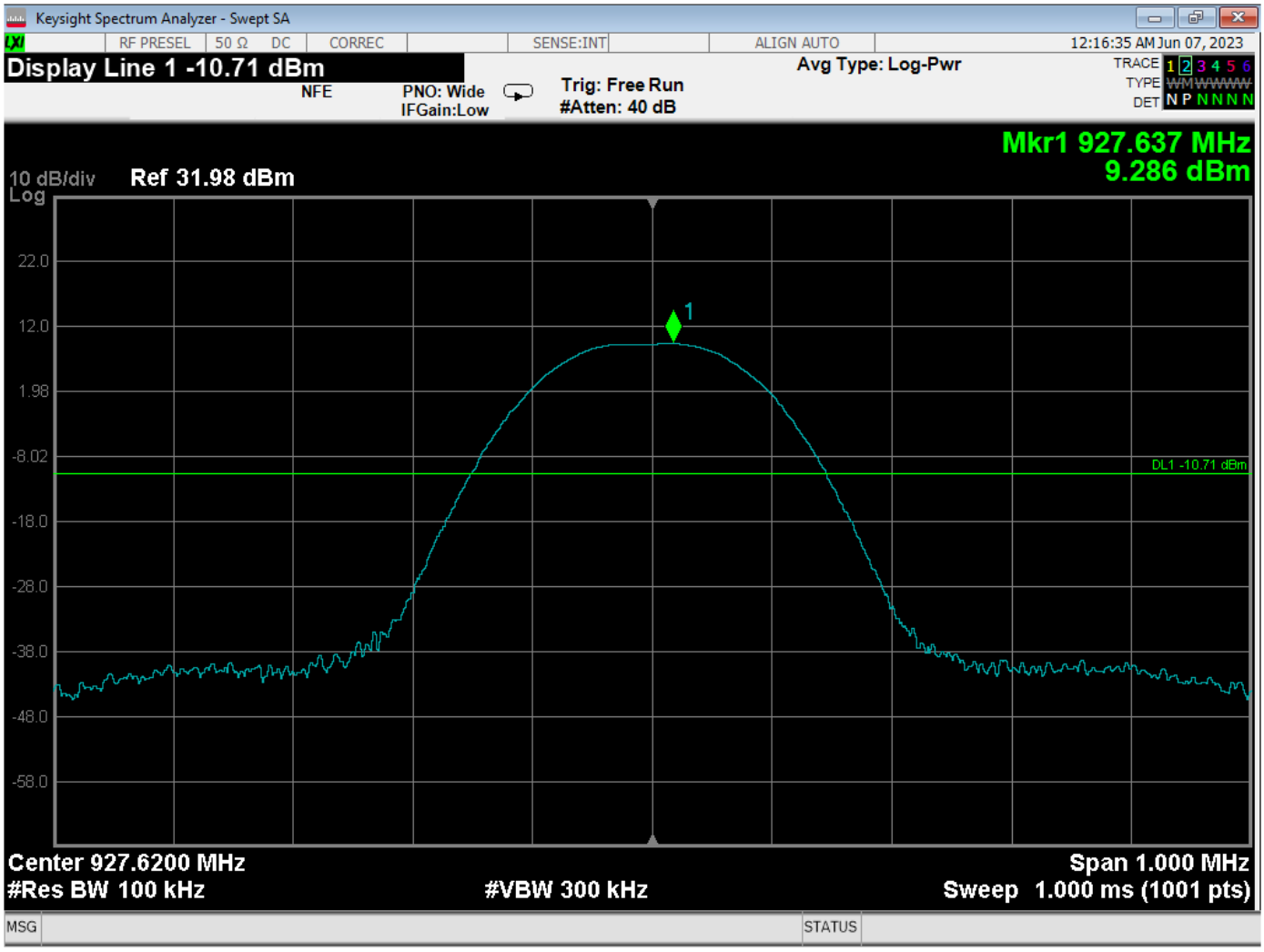
RF Antenna Conducted – Middle Channel – 30 MHz to 902 MHz



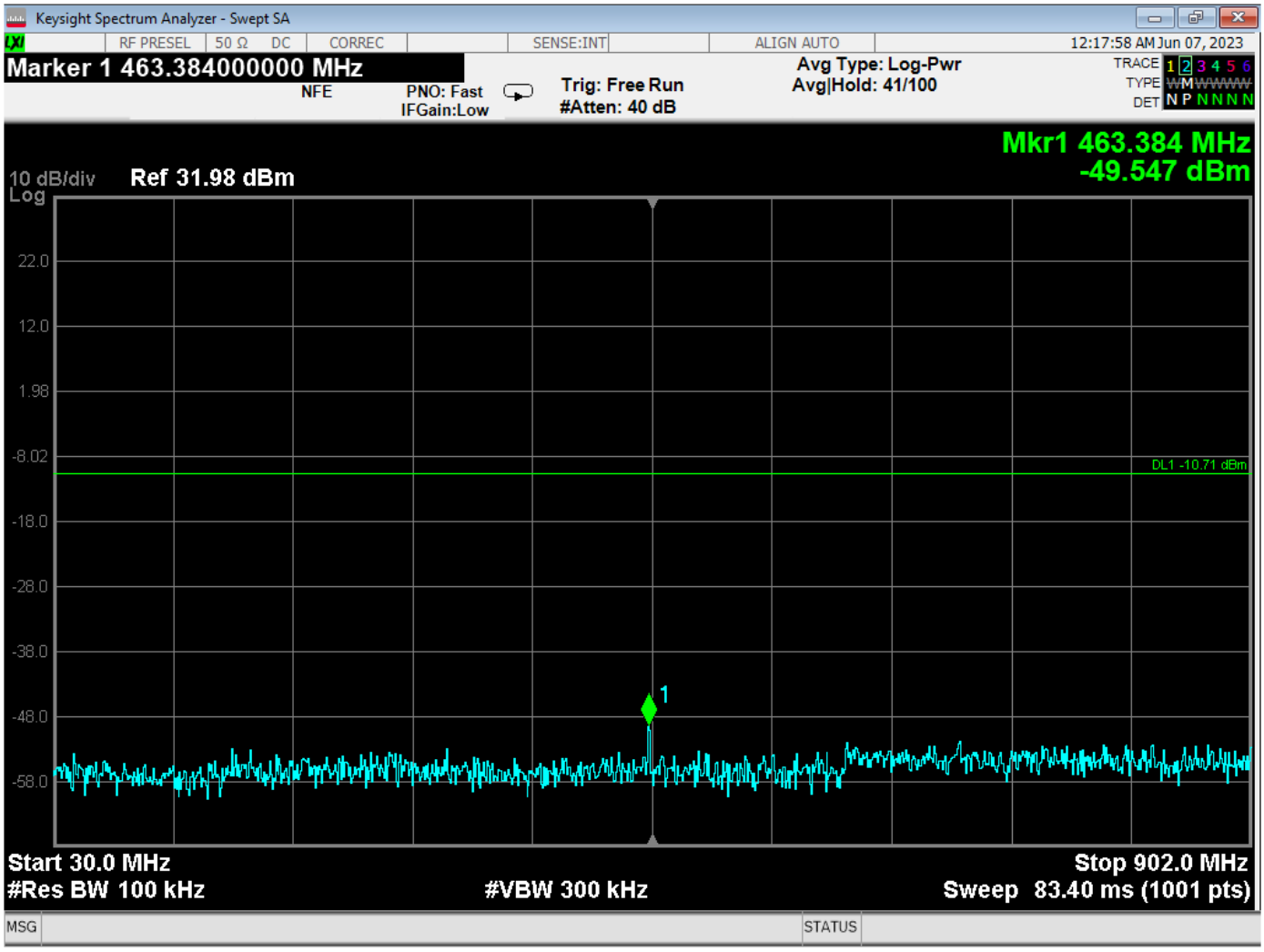
RF Antenna Conducted – Middle Channel – 928 MHz to 5 GHz



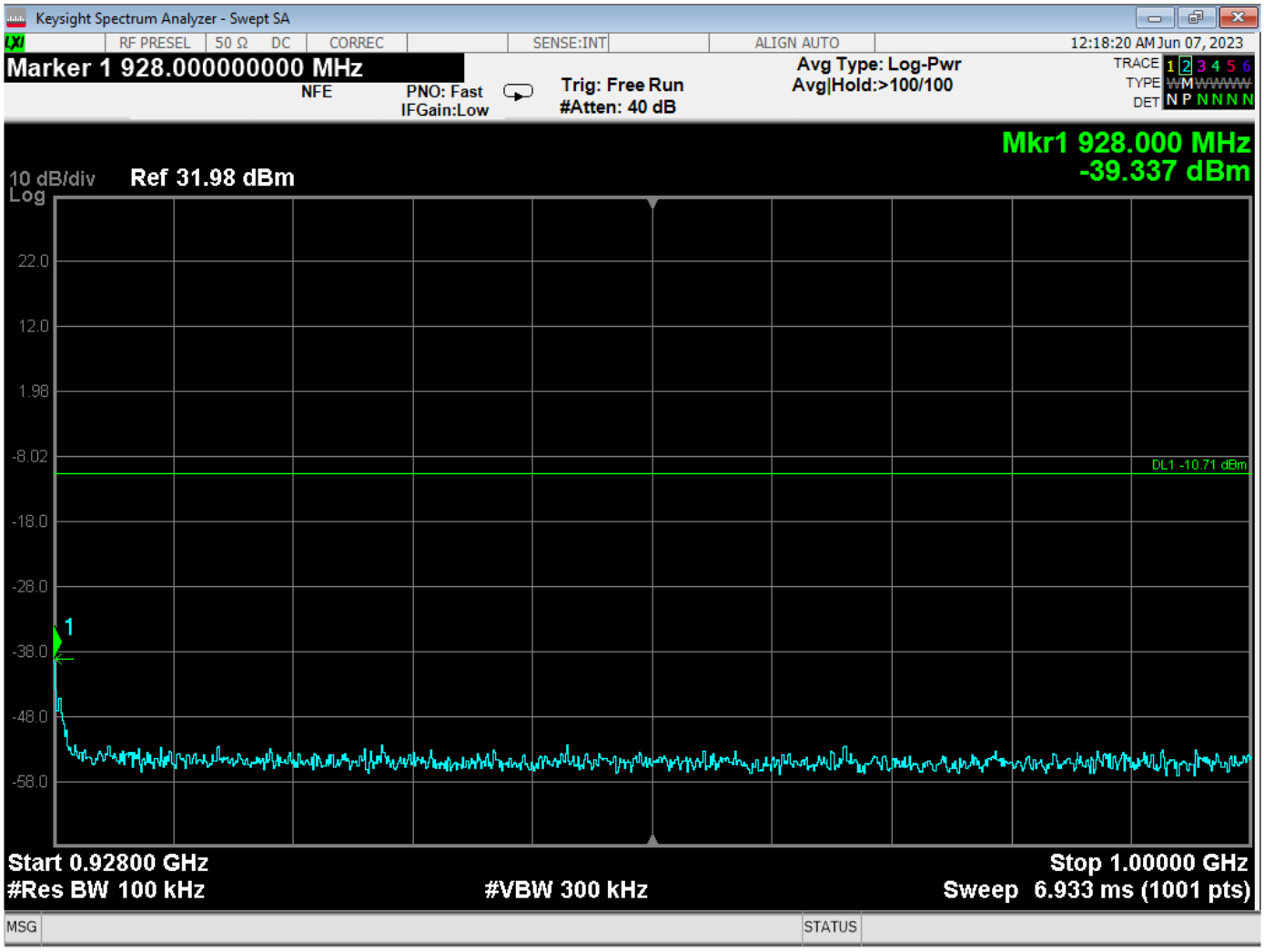
RF Antenna Conducted – Middle Channel – 5 GHz to 9.3 GHz



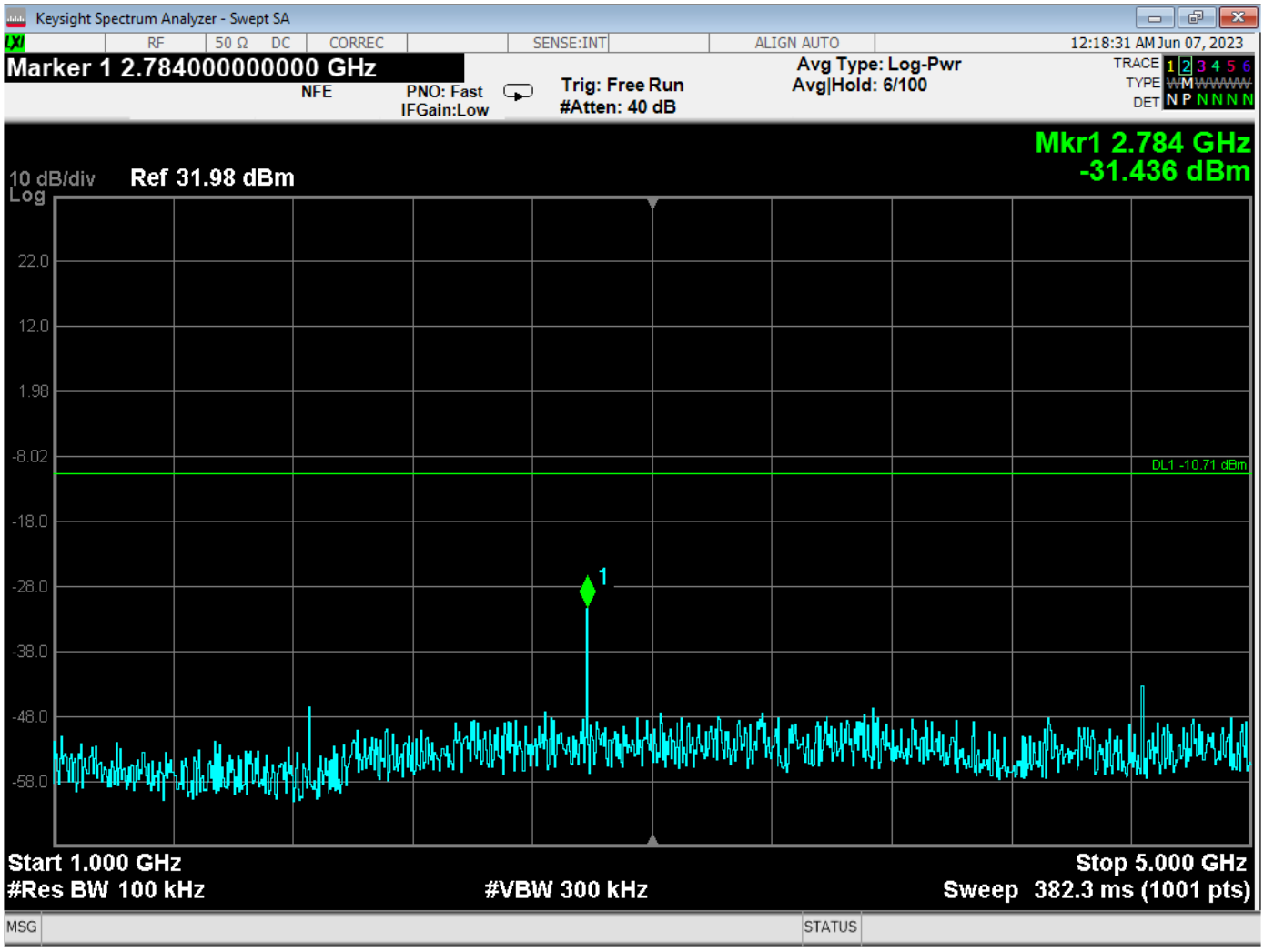
RF Antenna Conducted – High Channel – Reference Level



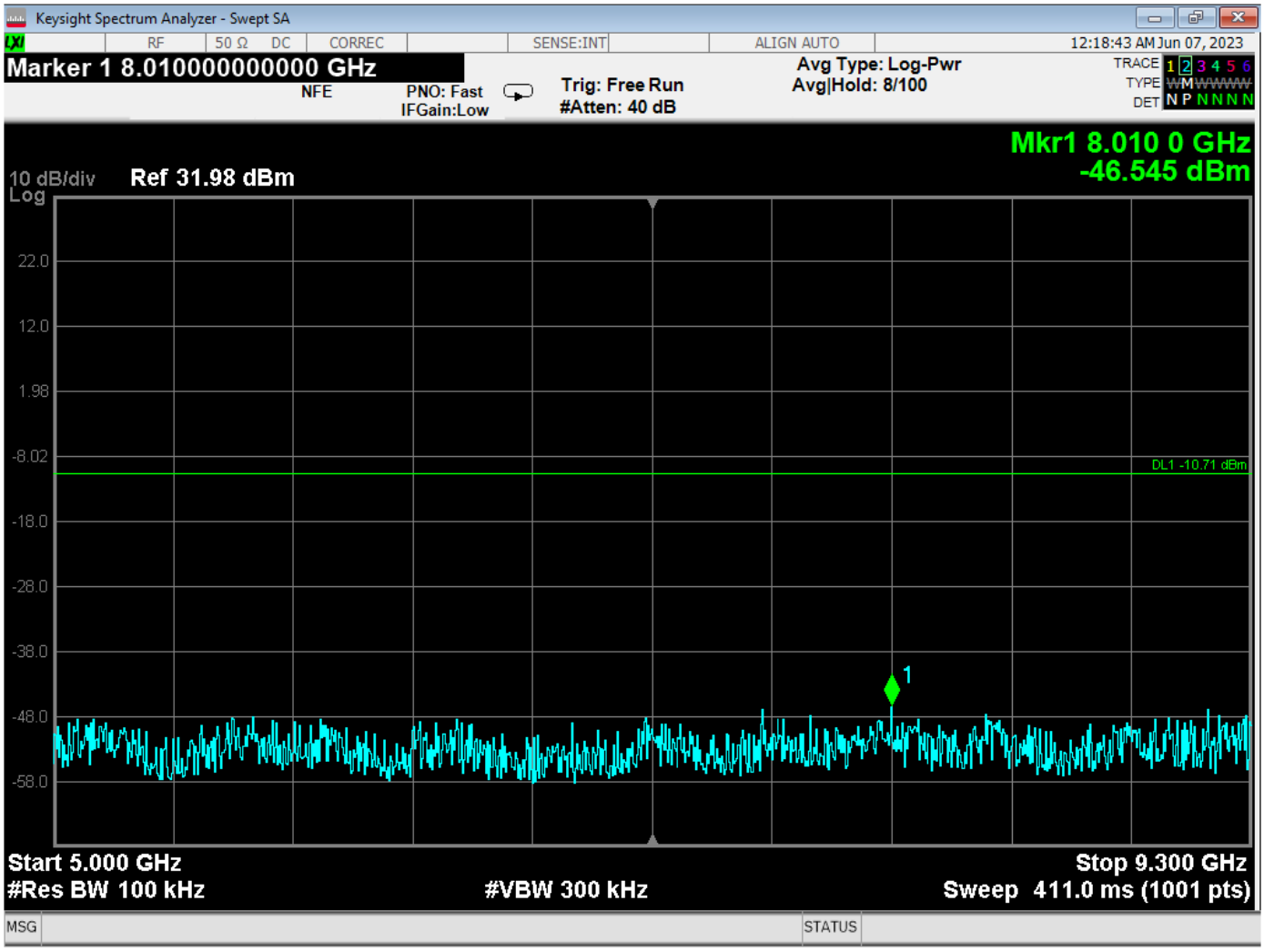
RF Antenna Conducted – High Channel – 30 MHz to 902 MHz



RF Antenna Conducted – High Channel – 928 MHz to 1 GHz

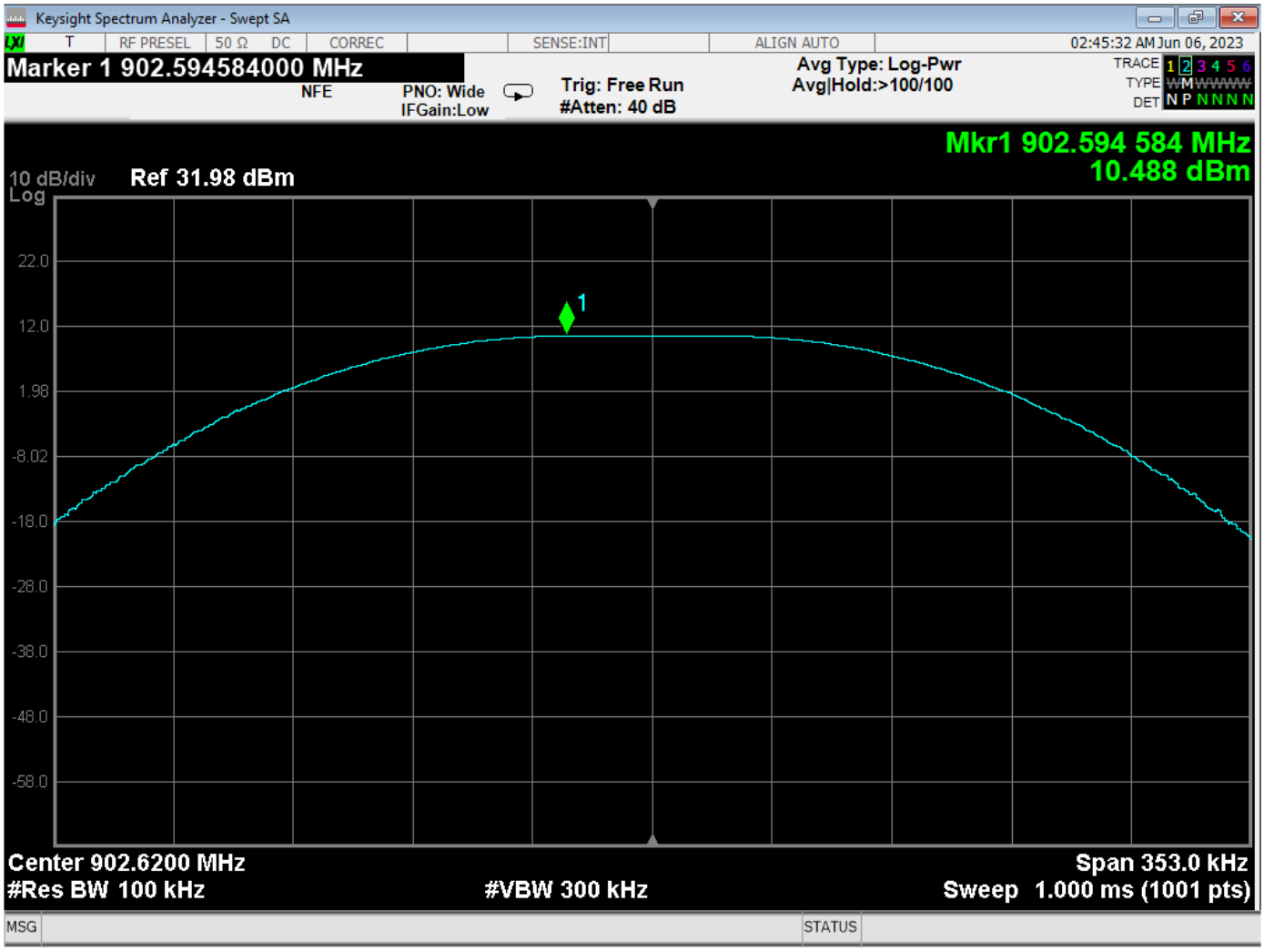


RF Antenna Conducted – High Channel – 1 GHz to 5 GHz

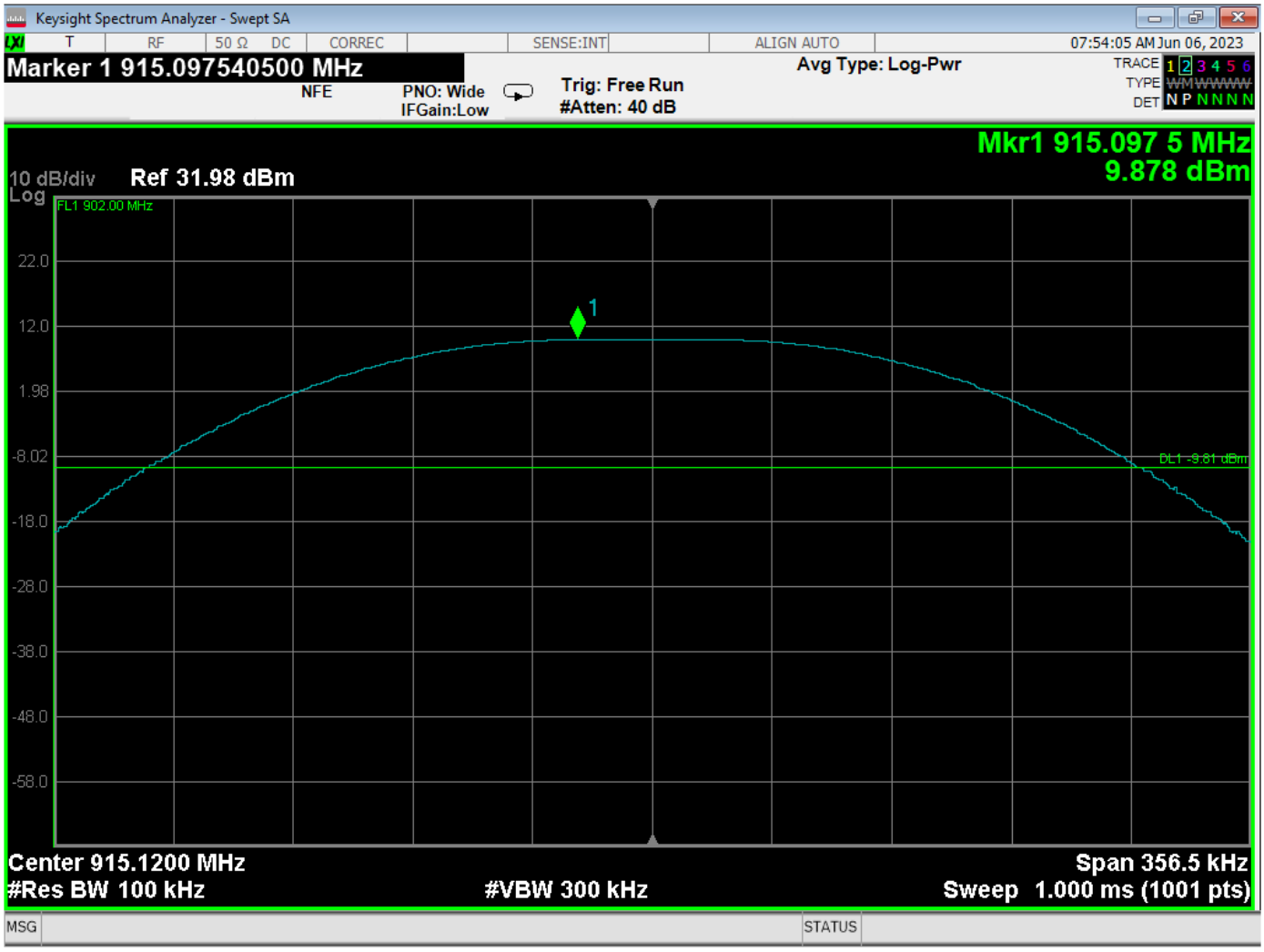


RF Antenna Conducted – High Channel – 5 GHz to 9.3 GHz

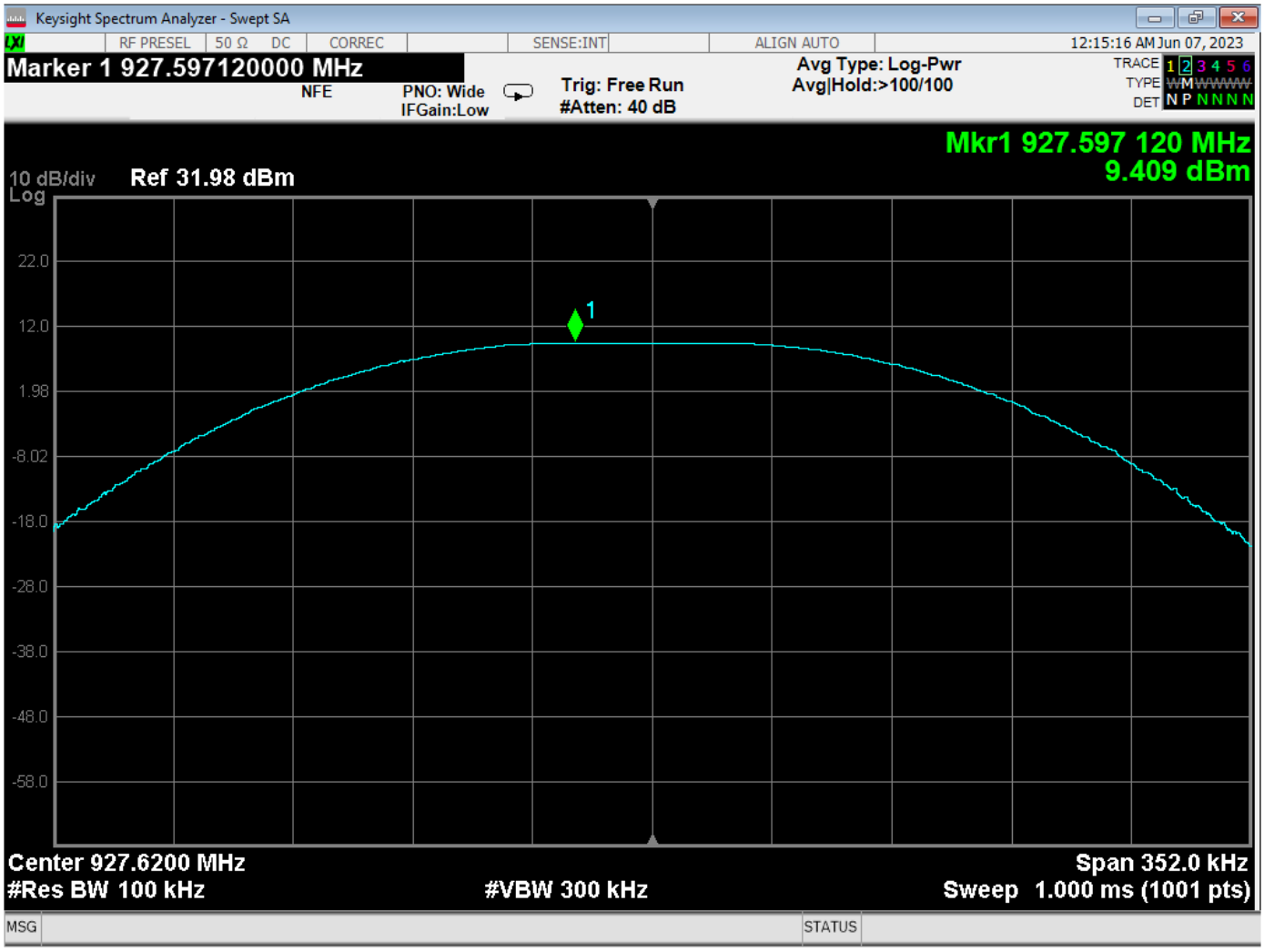
PEAK POWER OUTPUT DATA SHEETS



Peak Power Output – Low Channel

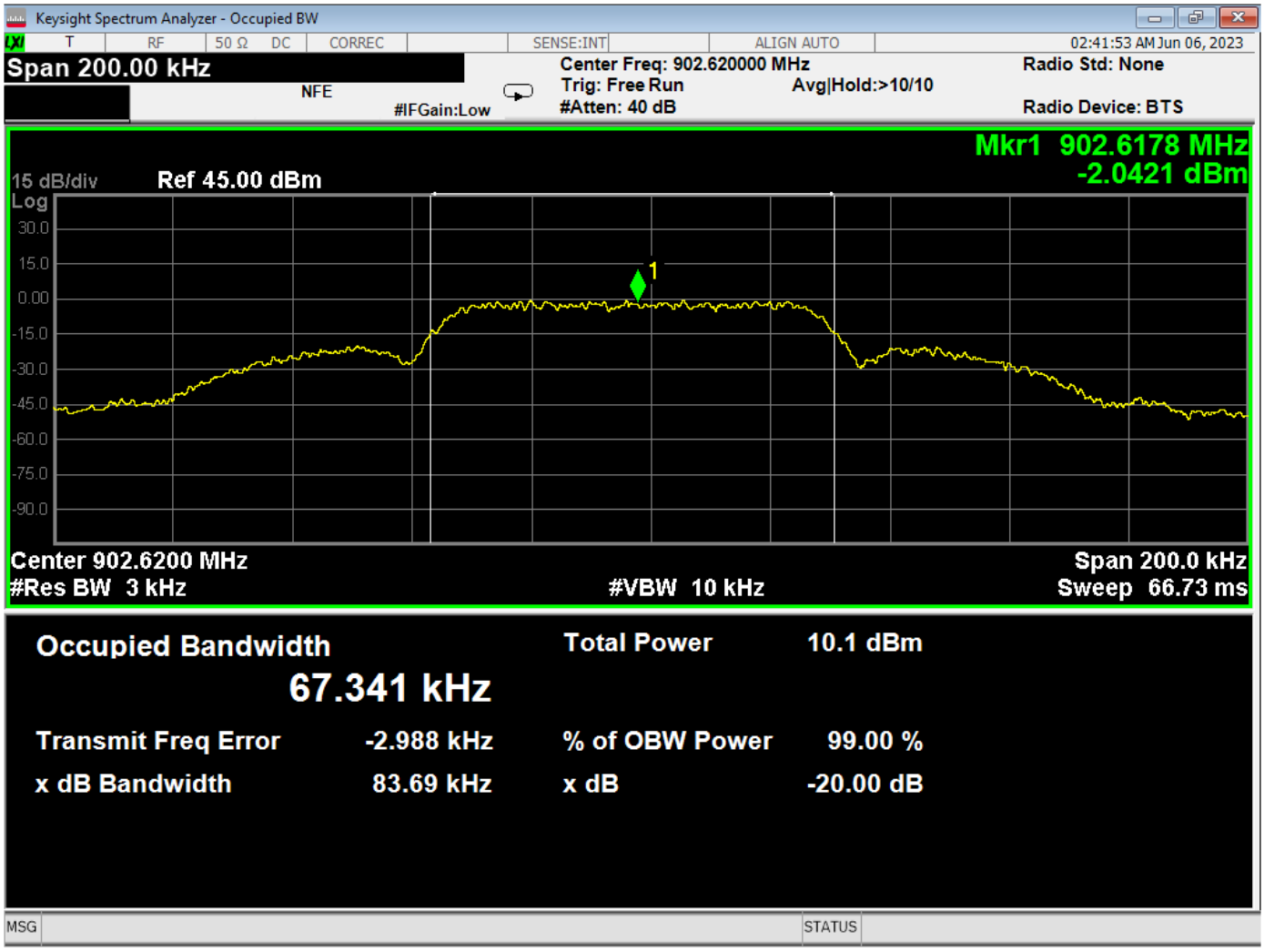


Peak Power Output – Middle Channel

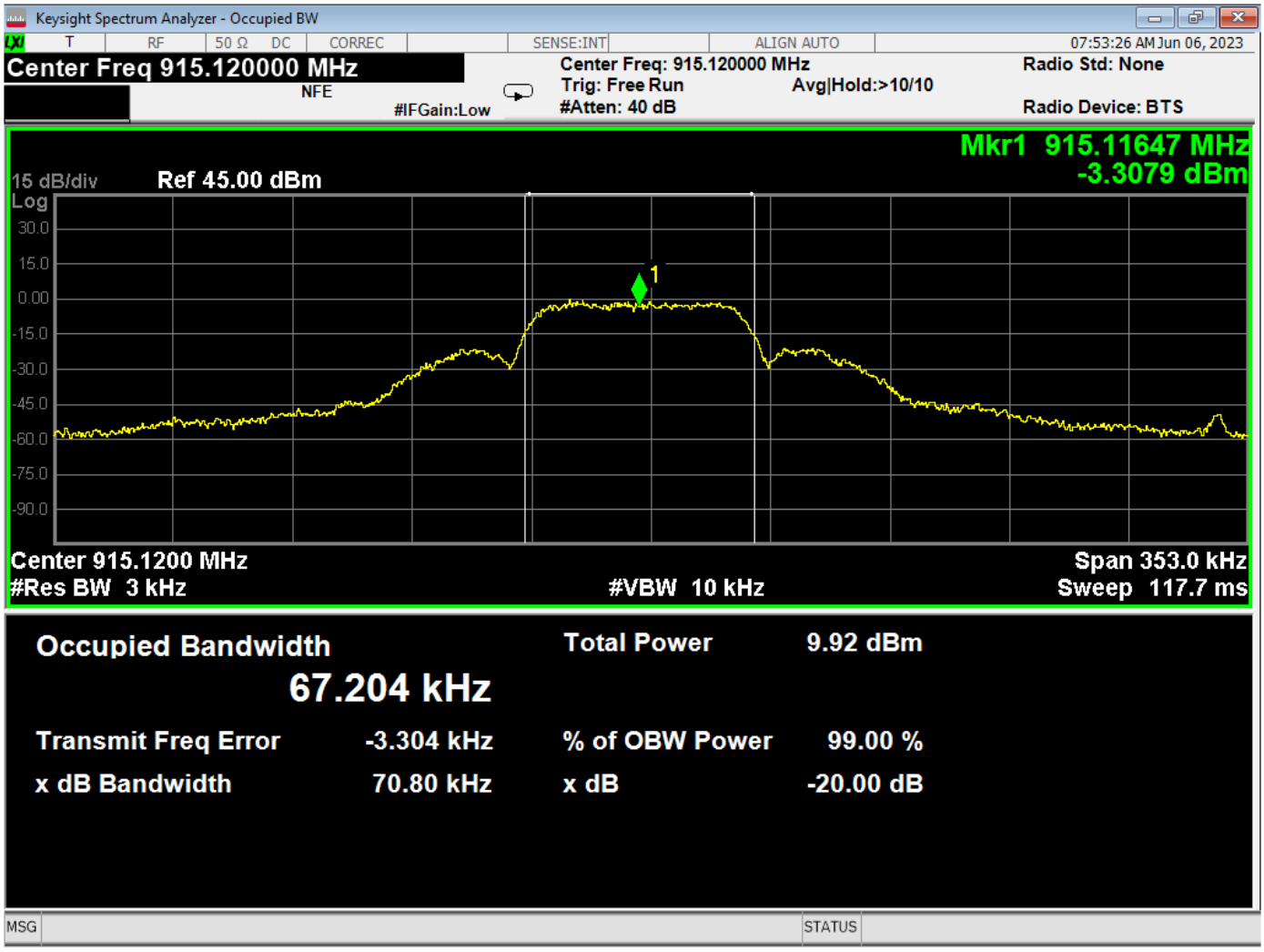


Peak Power Output – High Channel

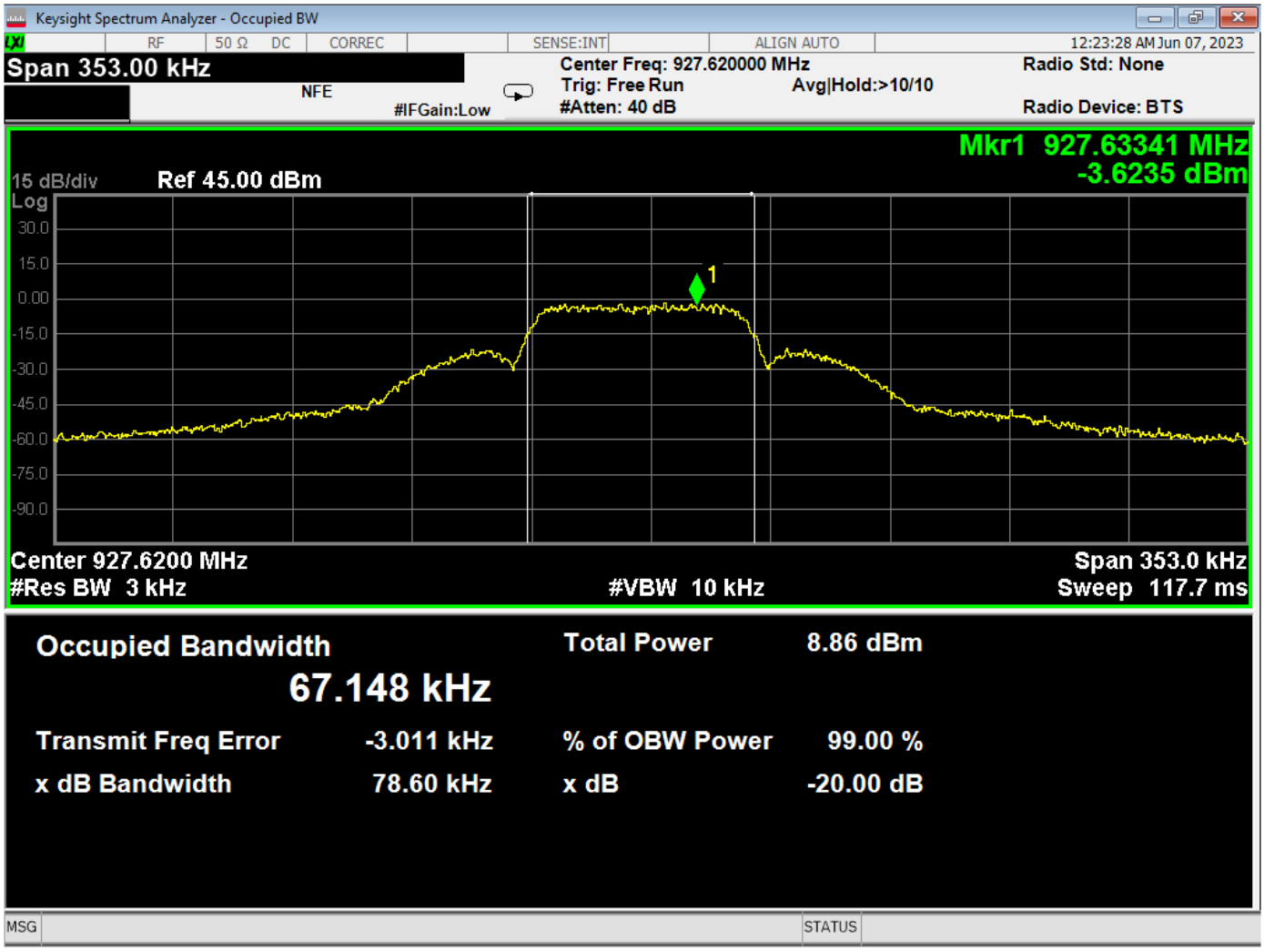
99% BANDWIDTH DATA SHEET



99 % Bandwidth – Low Channel

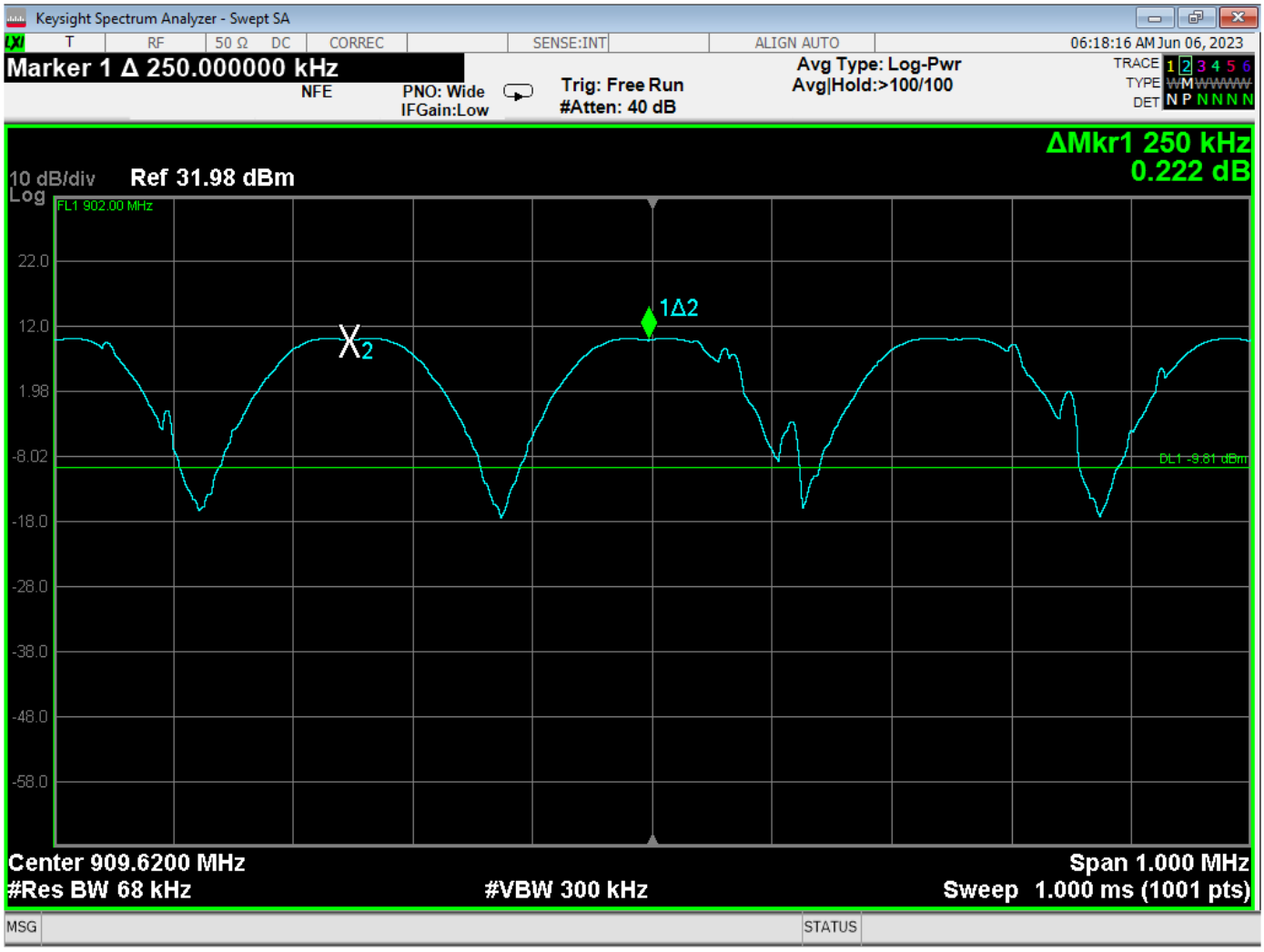


99 % Bandwidth – Middle Channel

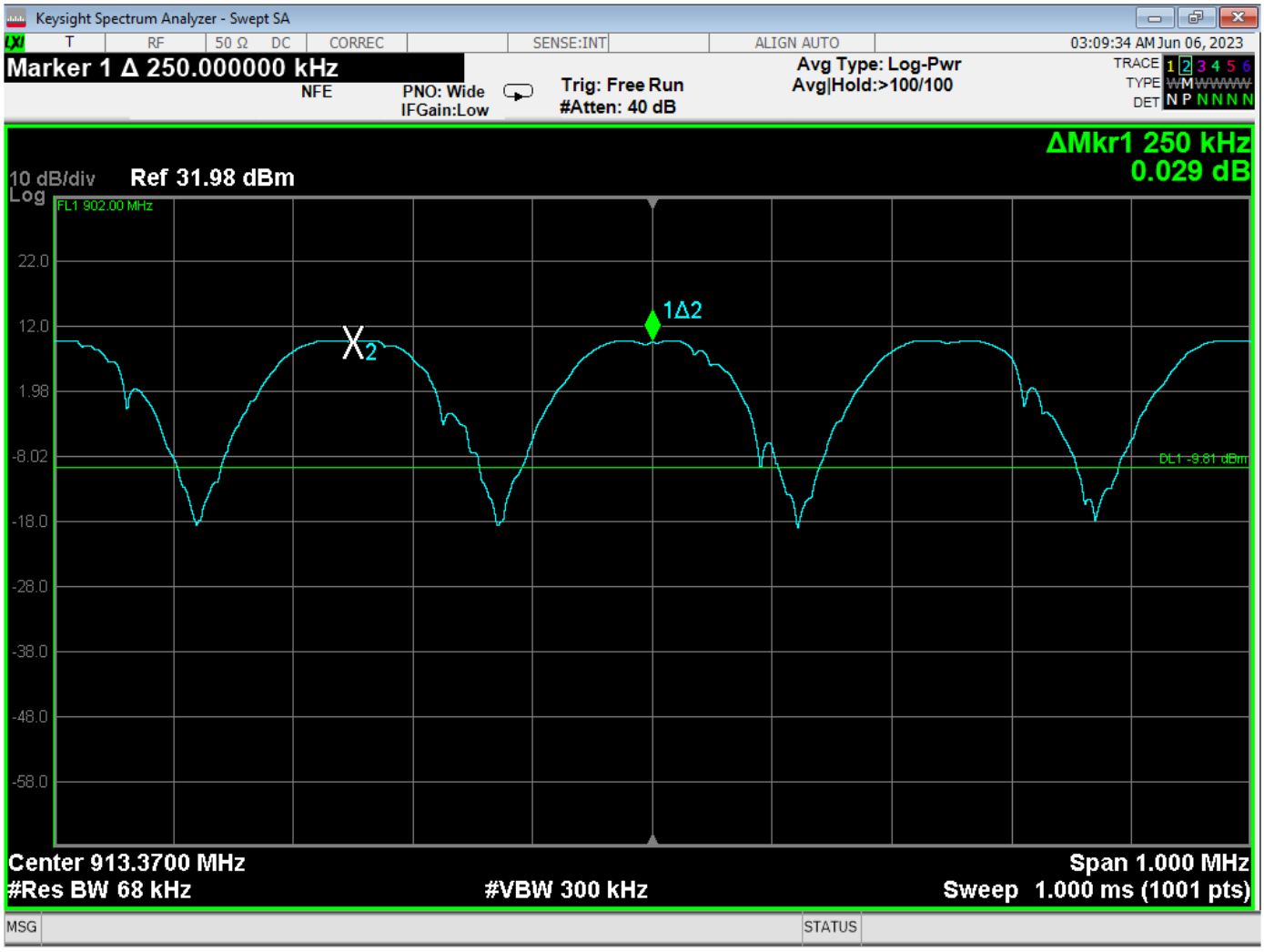


99 % Bandwidth – High Channel

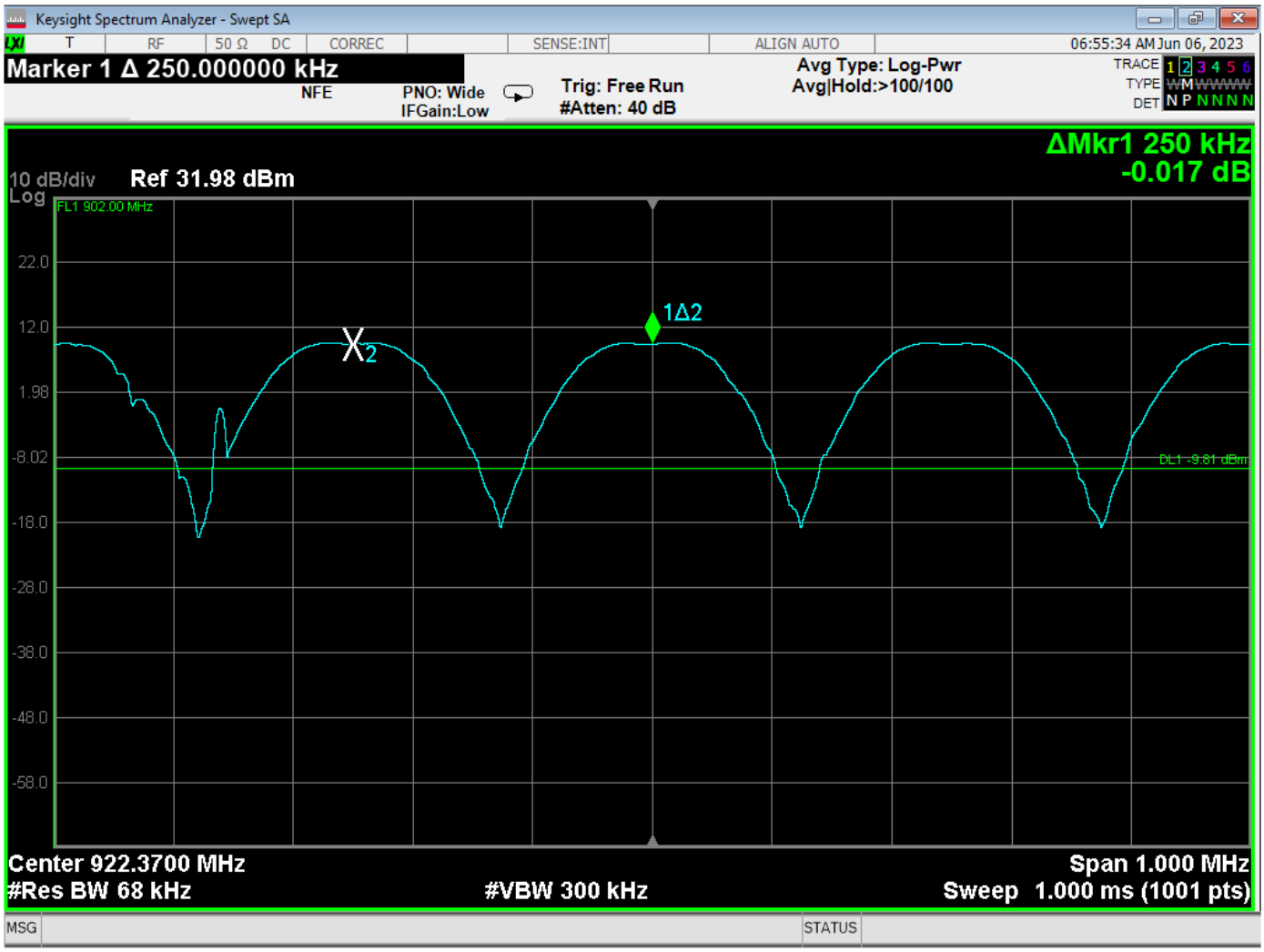
CHANNEL FREQUENCY SEPARATION DATA SHEET



Channel Frequency Separation – Hop Set 0



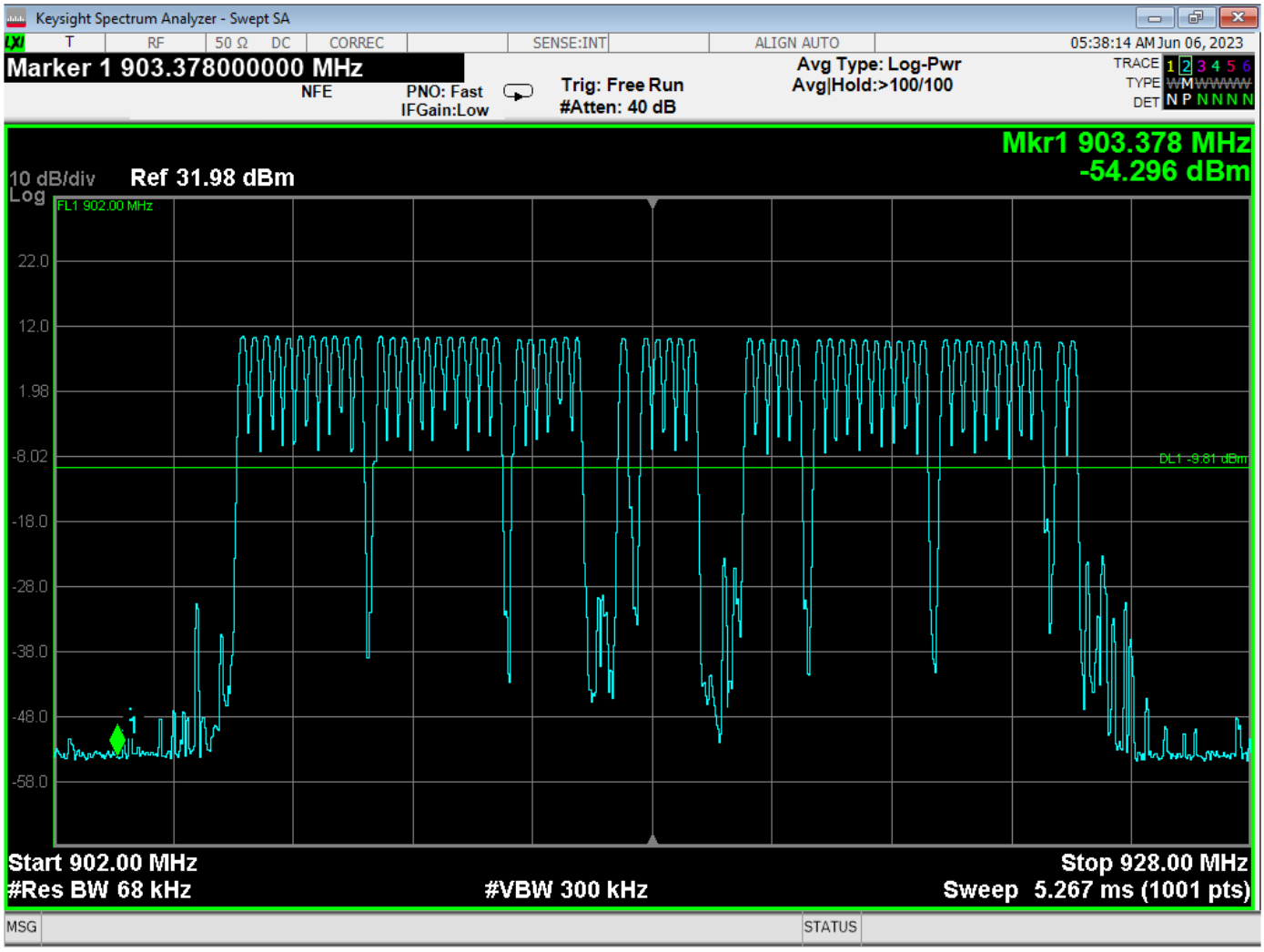
Channel Frequency Separation – Hop Set 1



Channel Frequency Separation – Hop Set 2

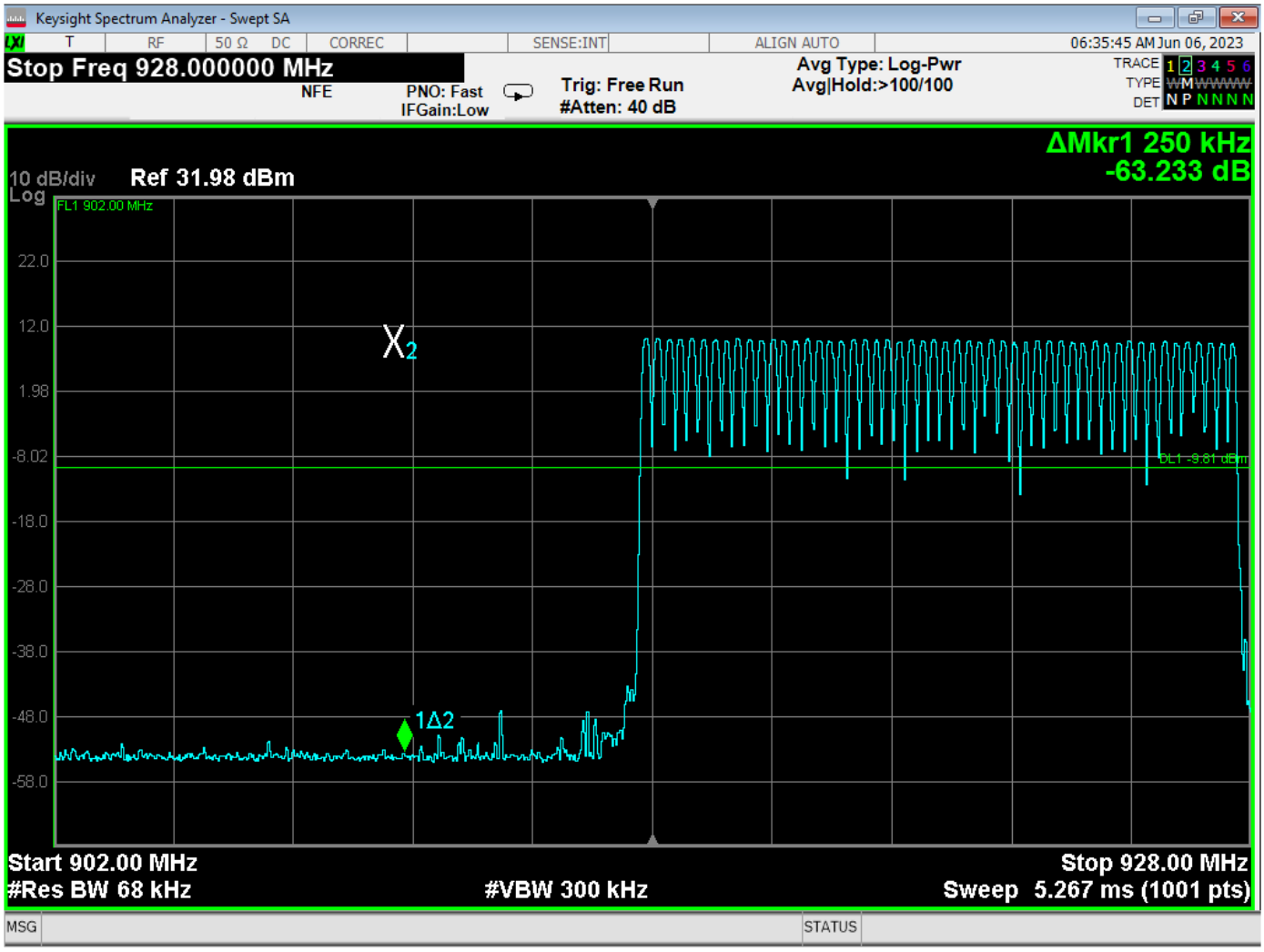
NUMBER OF FREQUENCIES

DATA SHEET



Number of Channels is 60 – Hop Set 0

Number of Channels is 50 – Hop Set 1

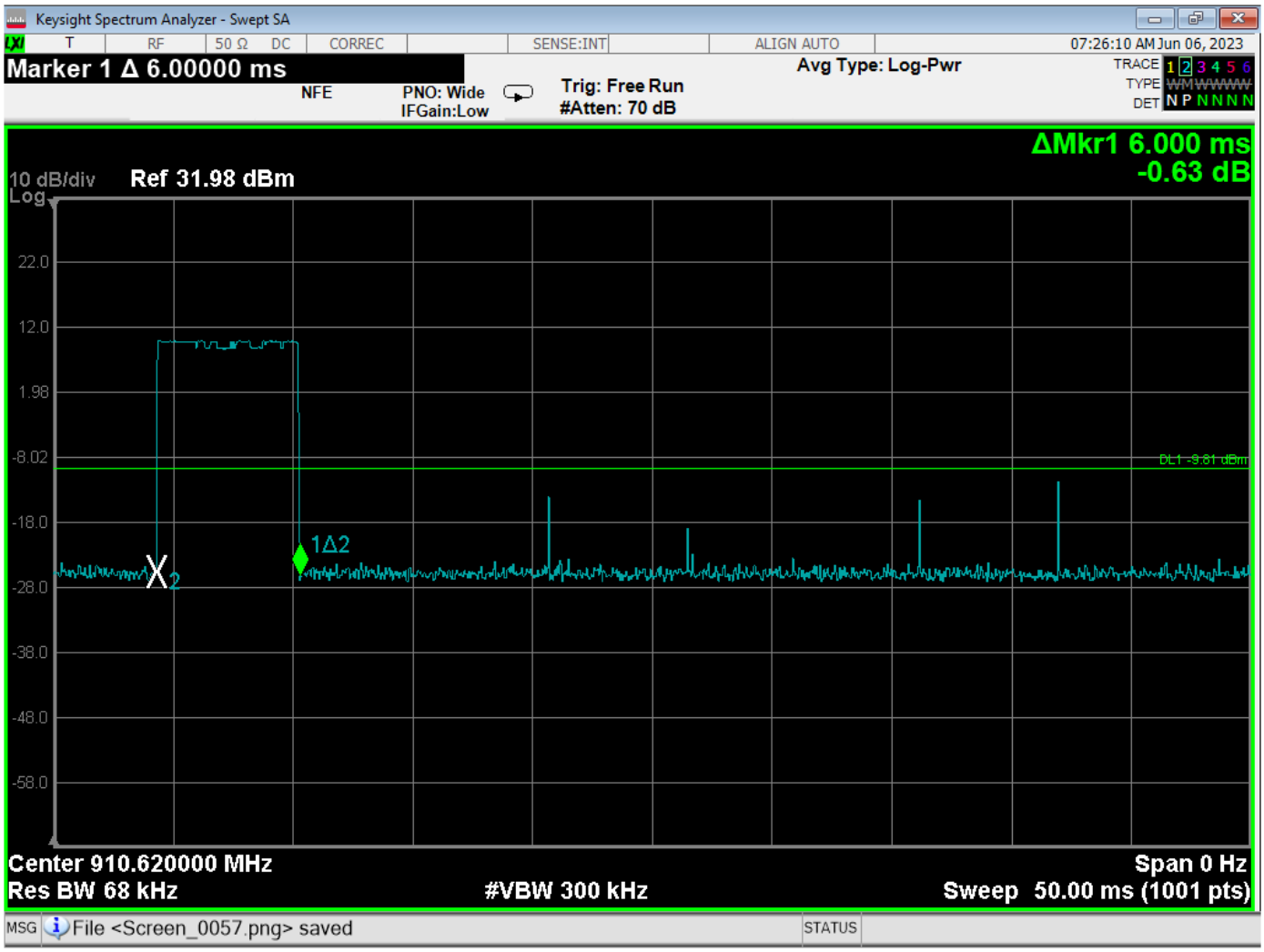


Number of Channels is 52 – Hop Set 2

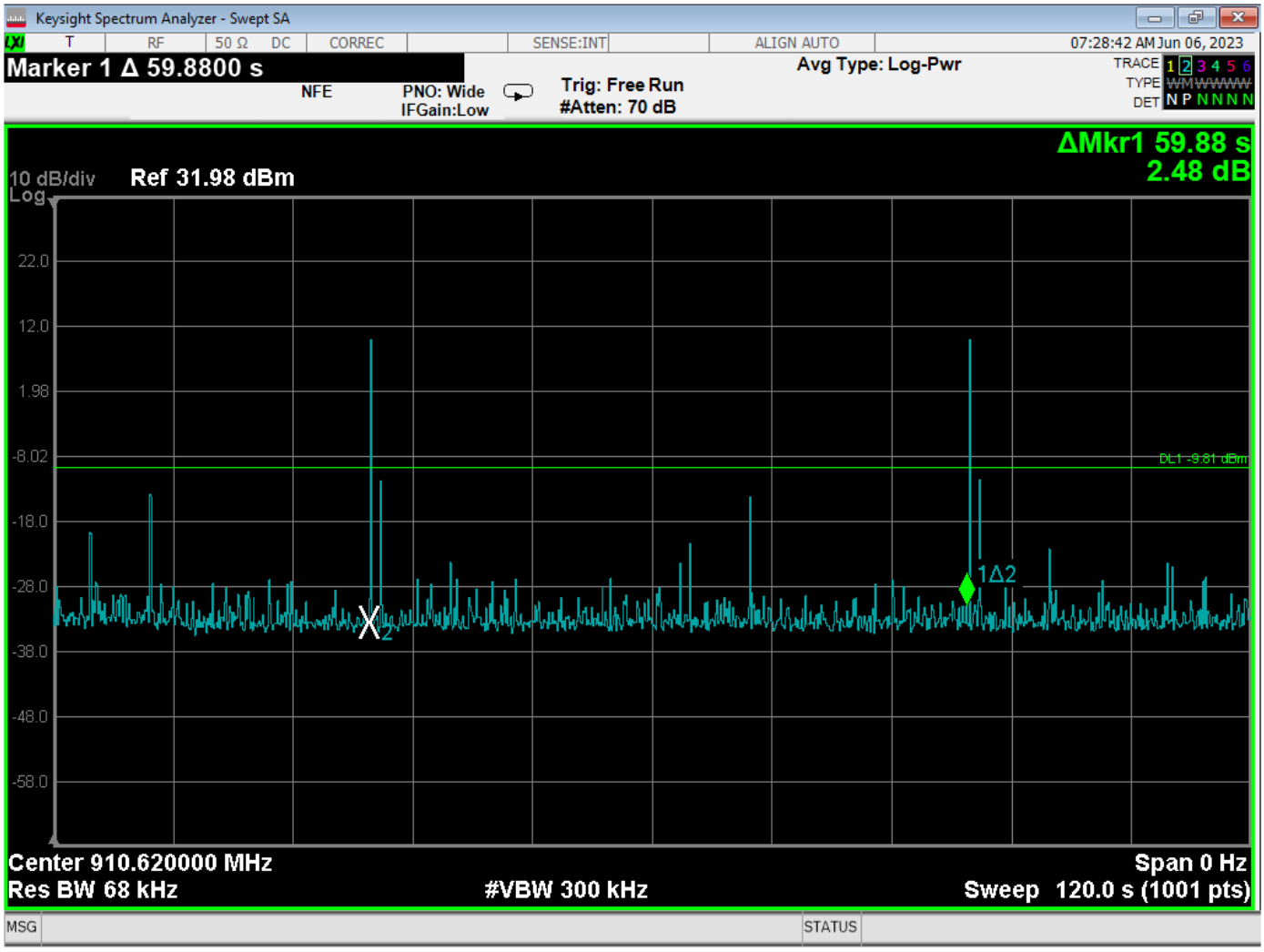
TIME OF OCCUPANCY

AND DUTY CYCLE

DATA SHEETS

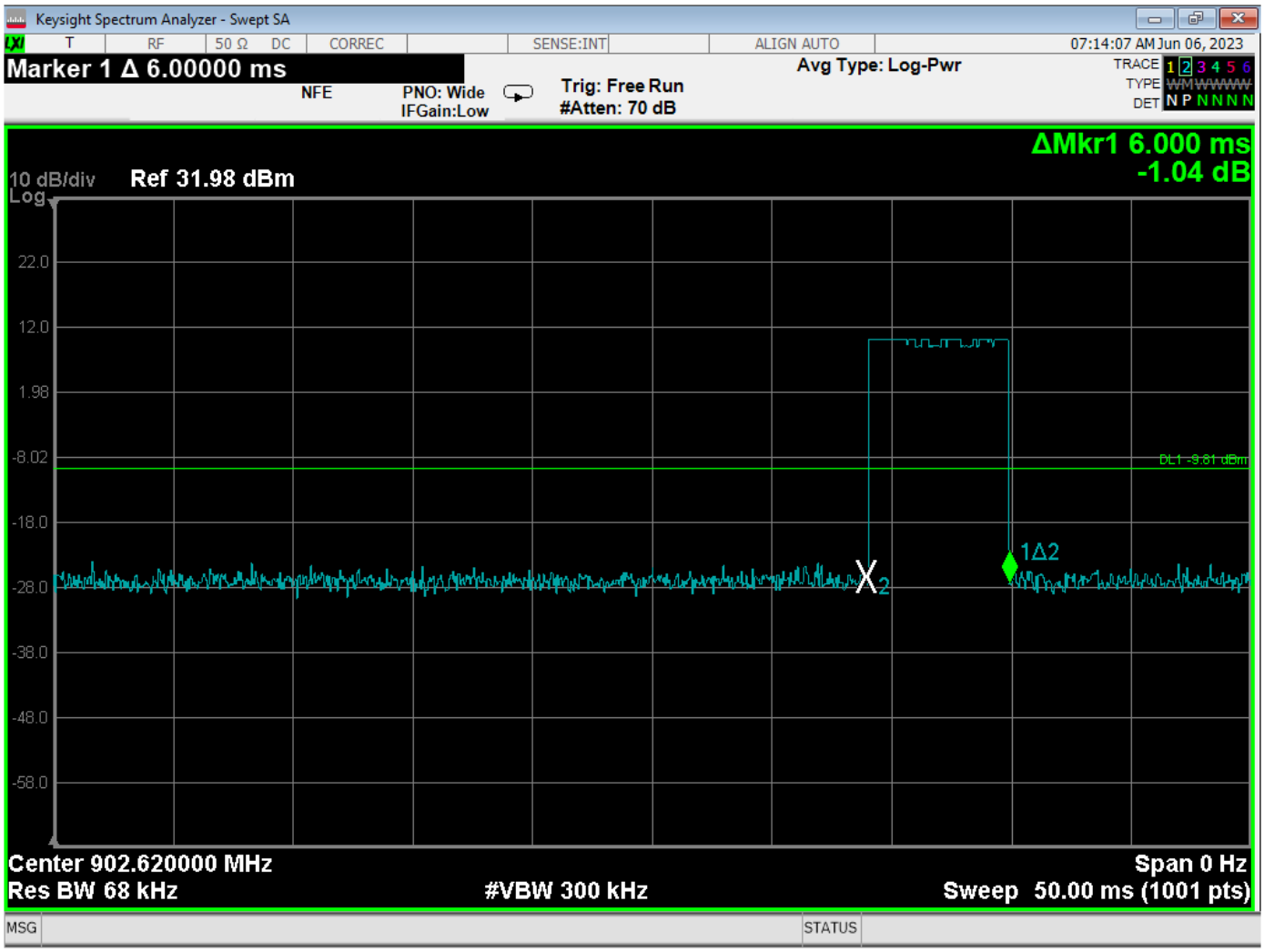


Time of One Pulse – 6 ms – Hop Set 0

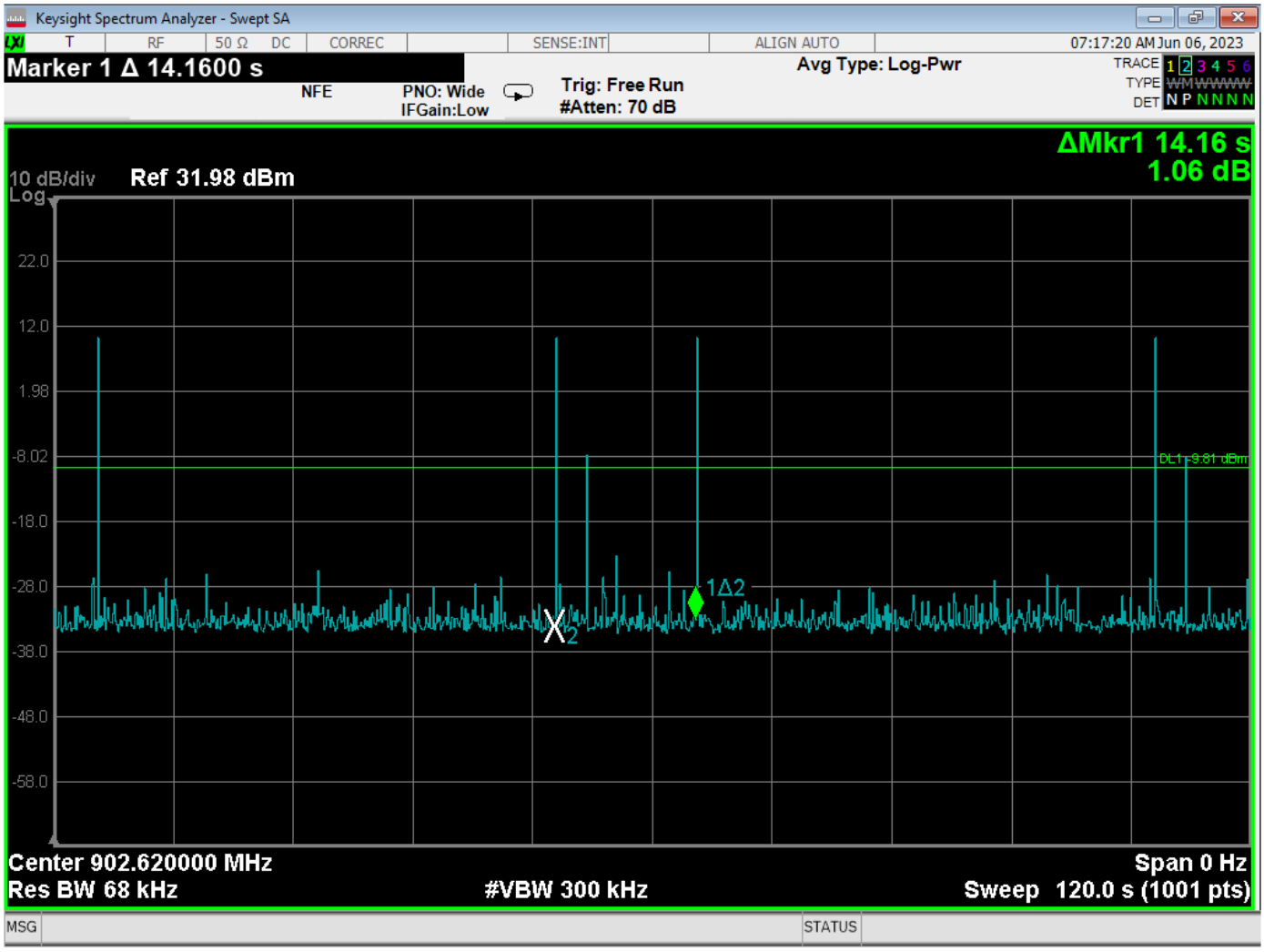


Time Between Pulses = 59.88 seconds – Hop Set 0
Time of Occupancy: 6 ms per 20 seconds
Limit: 400 ms per 20 seconds

Duty Cycle: 6 ms per 100 ms = 6%
The maximum -20 dB peak to average ratio can be utilized

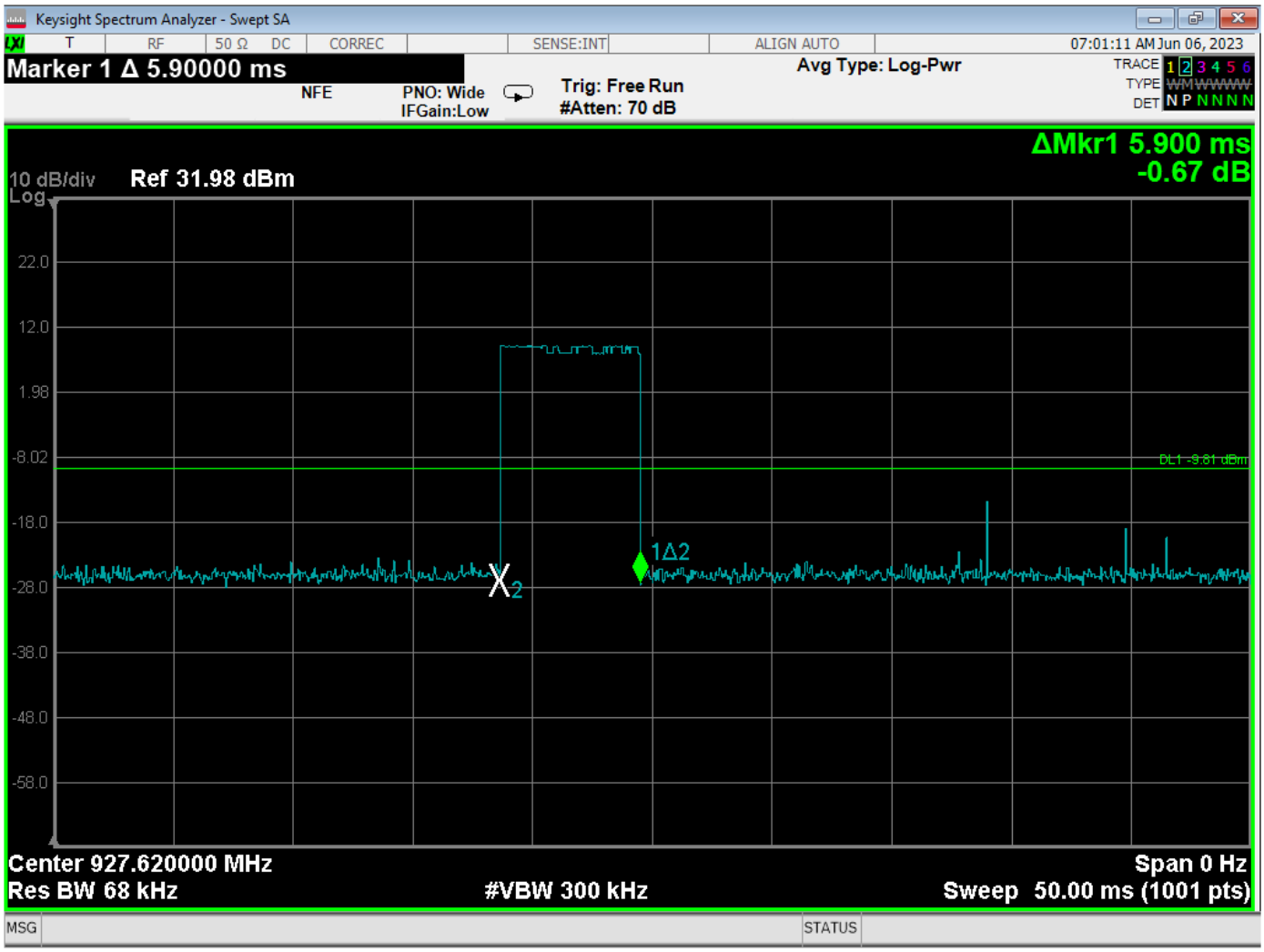


Time of One Pulse – 6 ms – Hop Set 1

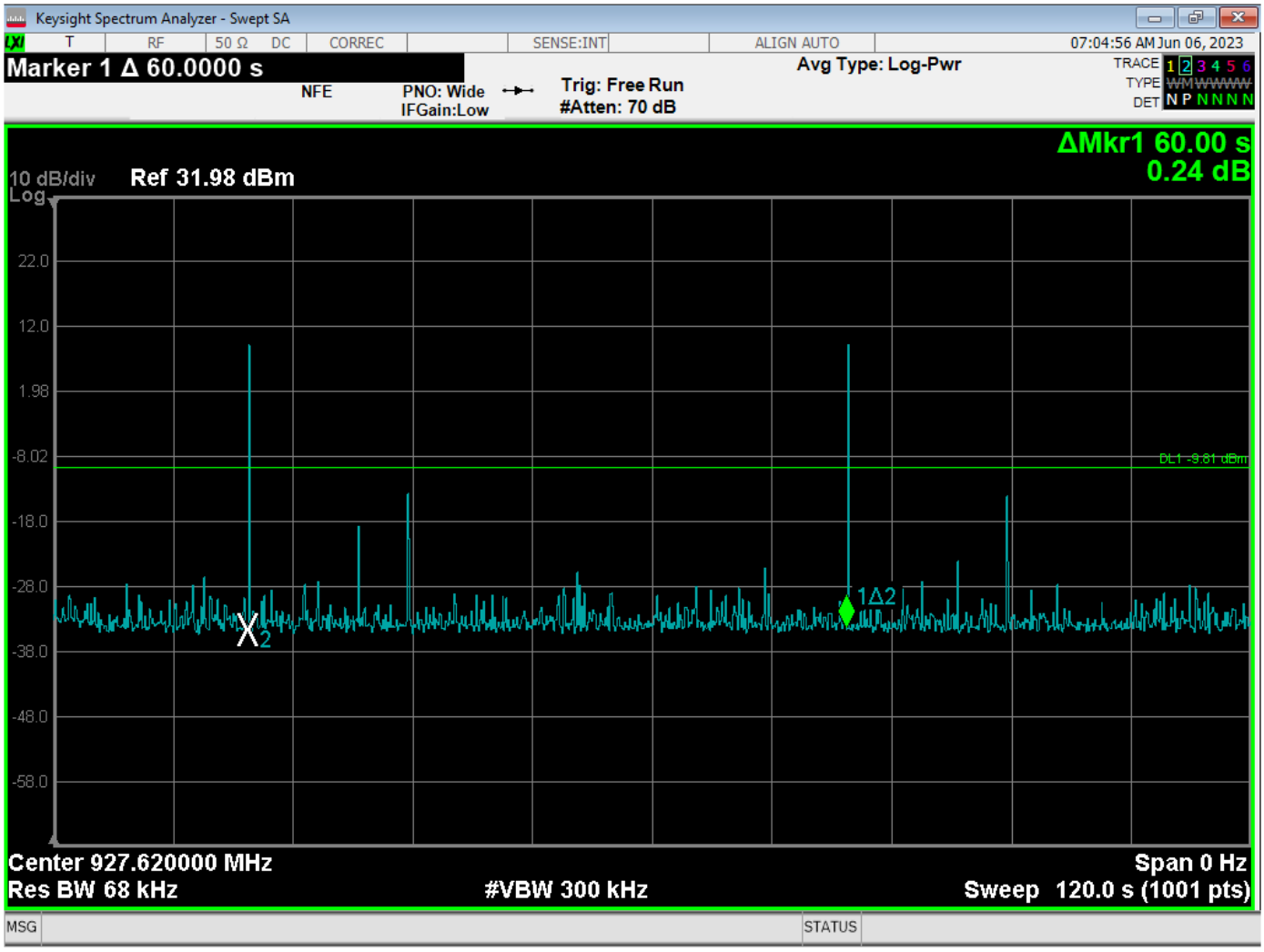


Time Between Pulses = 14.16 seconds – Hop Set 1
Time of Occupancy (Worst Case): 12 ms per 20 seconds
Limit: 400 ms per 20 seconds

Duty Cycle: 6 ms per 100 ms = 6%
The maximum -20 dB peak to average ratio can be utilized



Time of One Pulse – 5.9 ms – Hop Set 2



Time Between Pulses = 60.00 seconds – Hop Set 2
Time of Occupancy: 5.9 ms per 20 seconds
Limit: 400 ms per 20 seconds

Duty Cycle: 5.9 ms per 100 ms = 6%
The maximum -20 dB peak to average ratio can be utilized