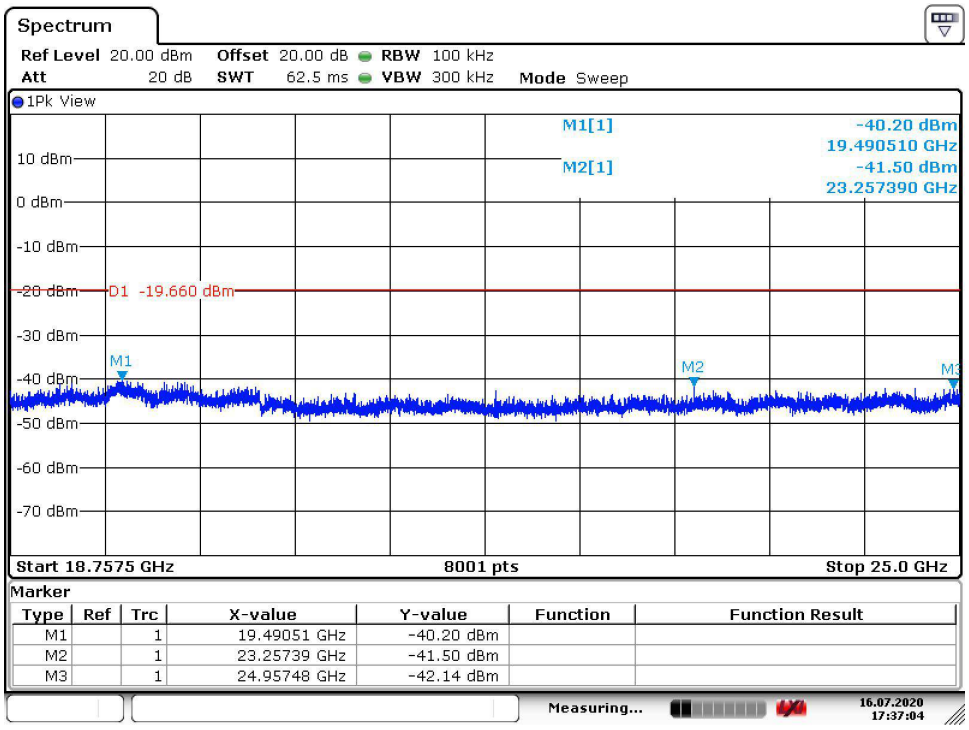
Client: IOSiX LLC Date: 16 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11b Maximum Reading = 0.34 dBm

High Channel: 2462 MHz Requirement = -19.66 dBm Result: Pass



Date: 16.JUL.2020 17:37:04

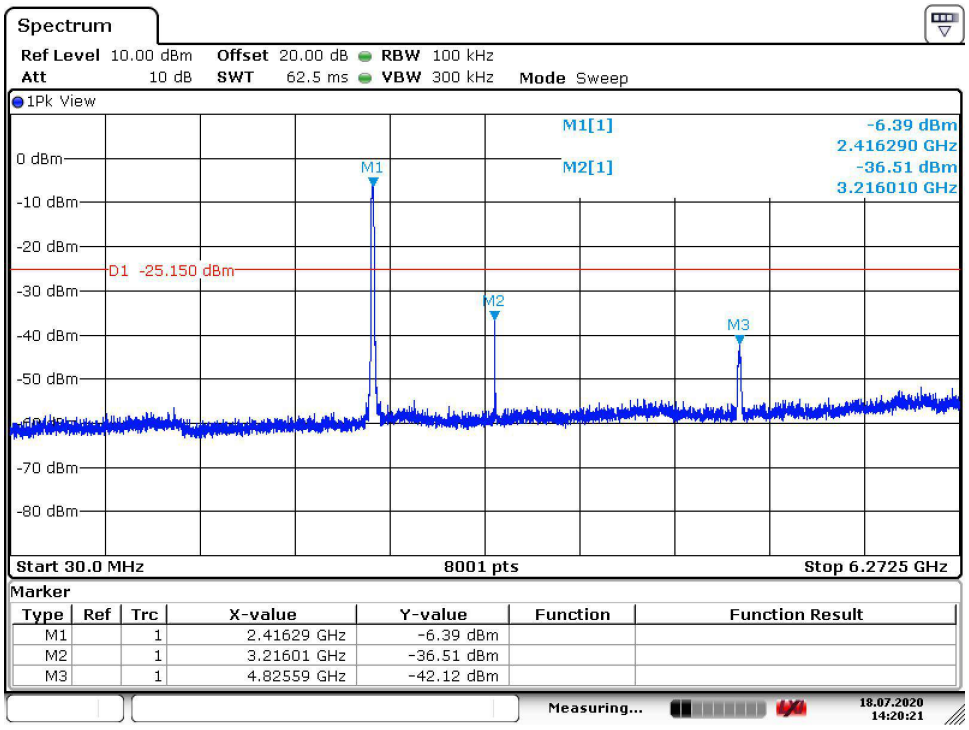
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

Low Channel: 2412 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:20:21

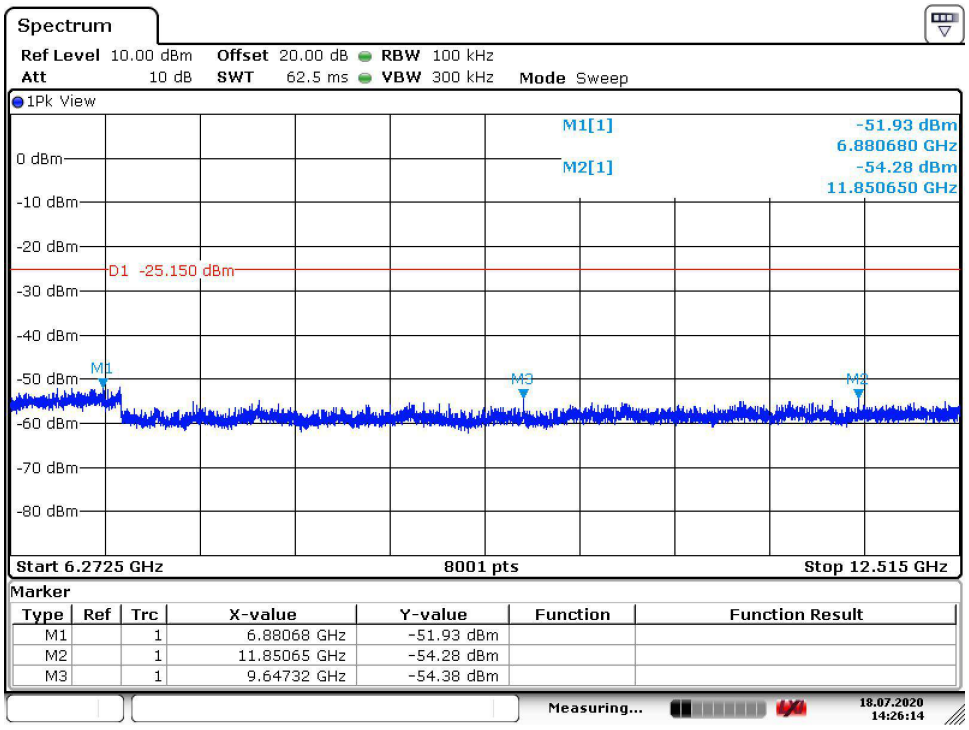
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

Low Channel: 2412 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:26:15

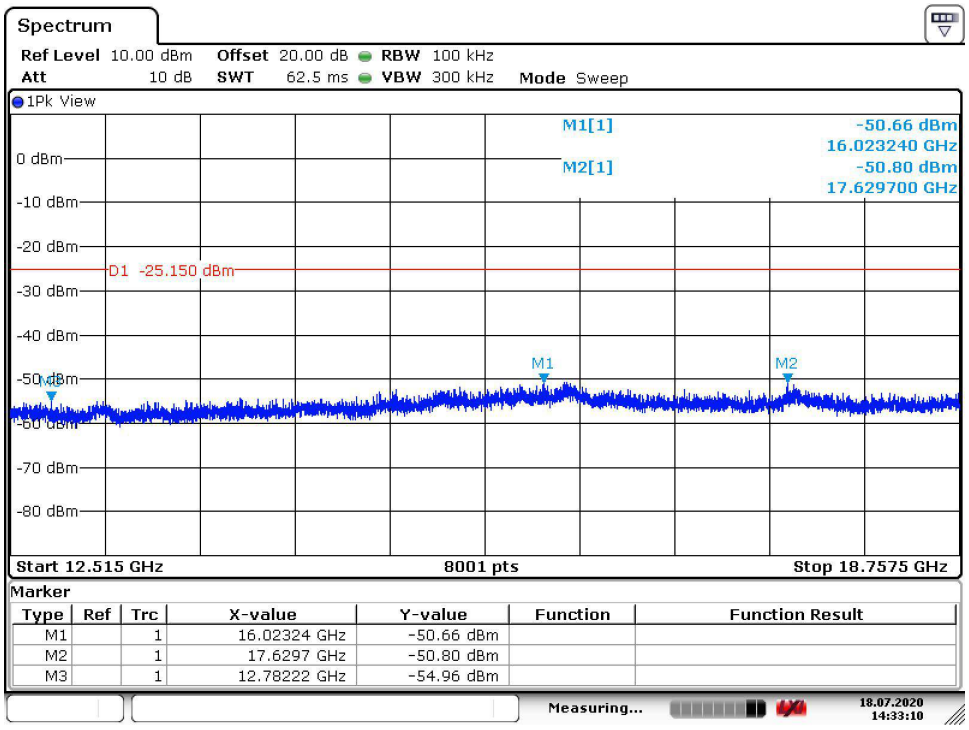
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

Low Channel: 2412 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:33:11

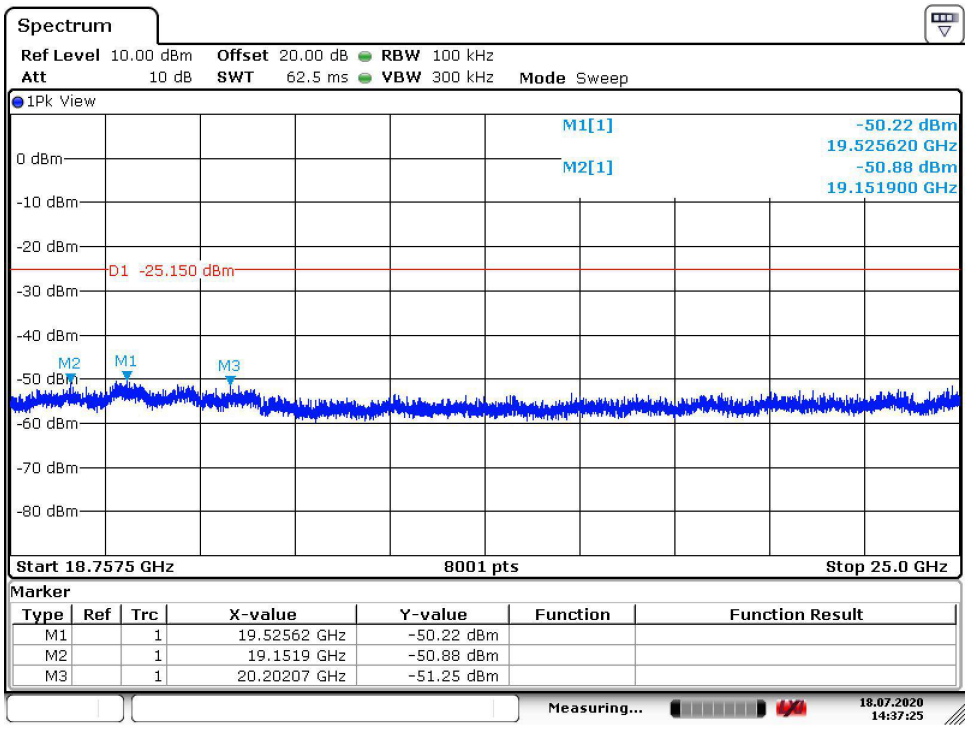
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

Low Channel: 2412 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:37:25

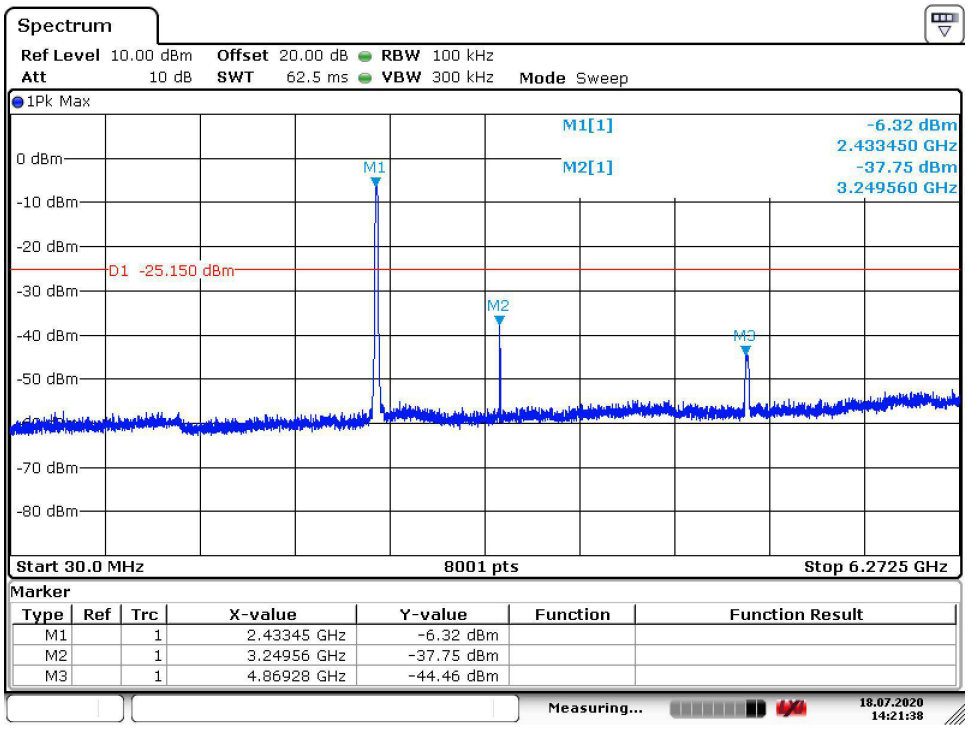
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

Mid Channel: 2437 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:21:39

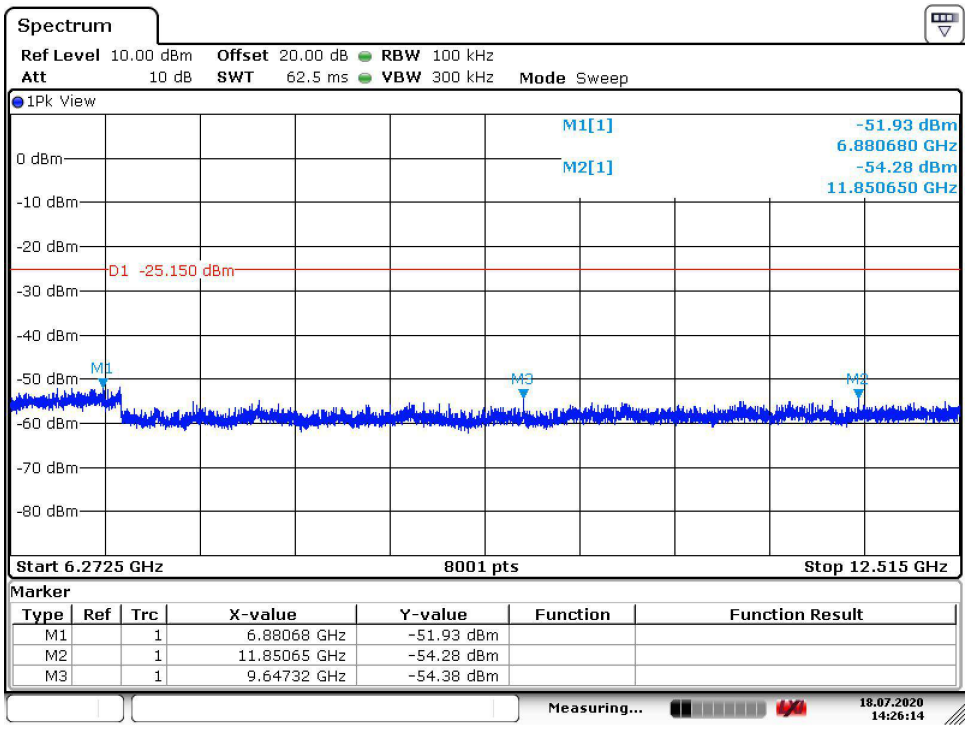
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

Mid Channel: 2437 MHz Requirement = -25.15 dBm Result: Pass



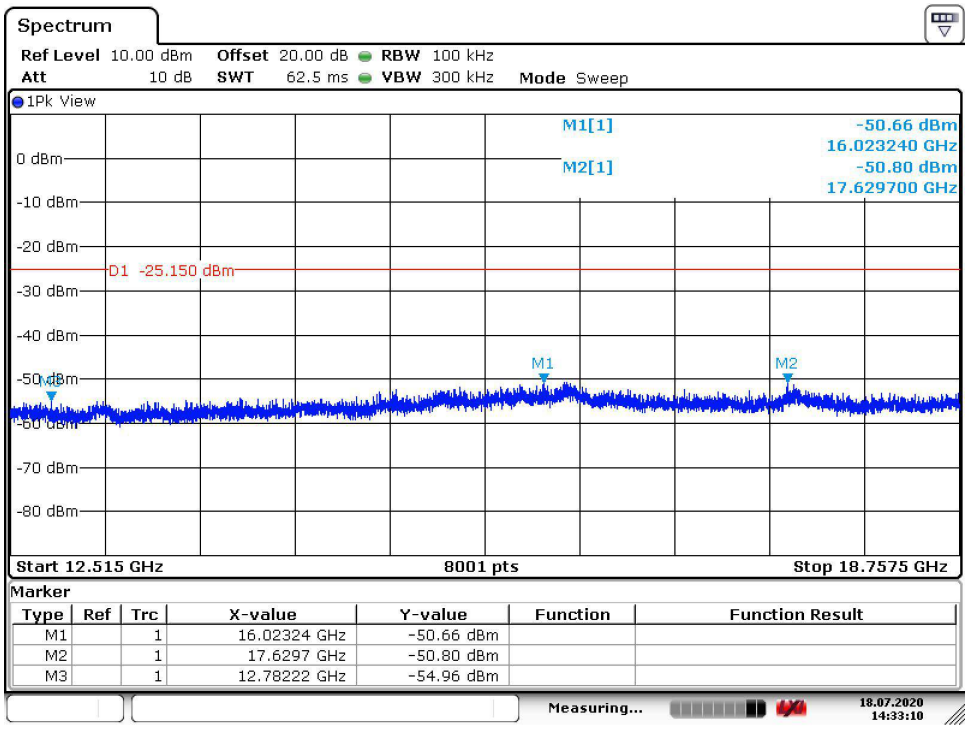
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

Mid Channel: 2437 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:33:11

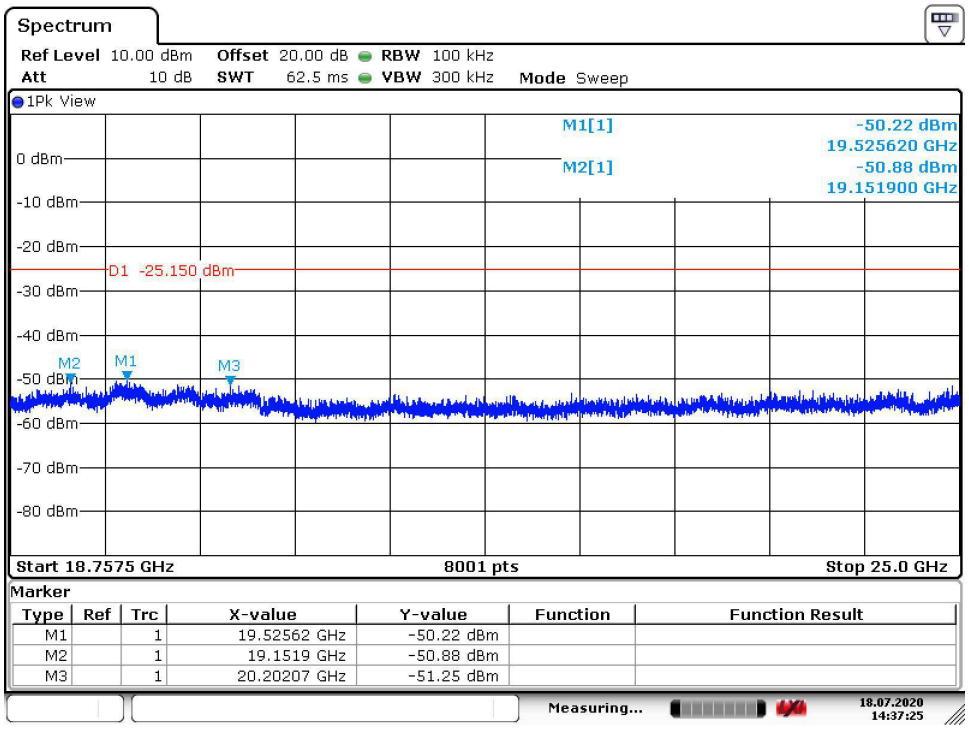
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

Mid Channel: 2437 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:37:25

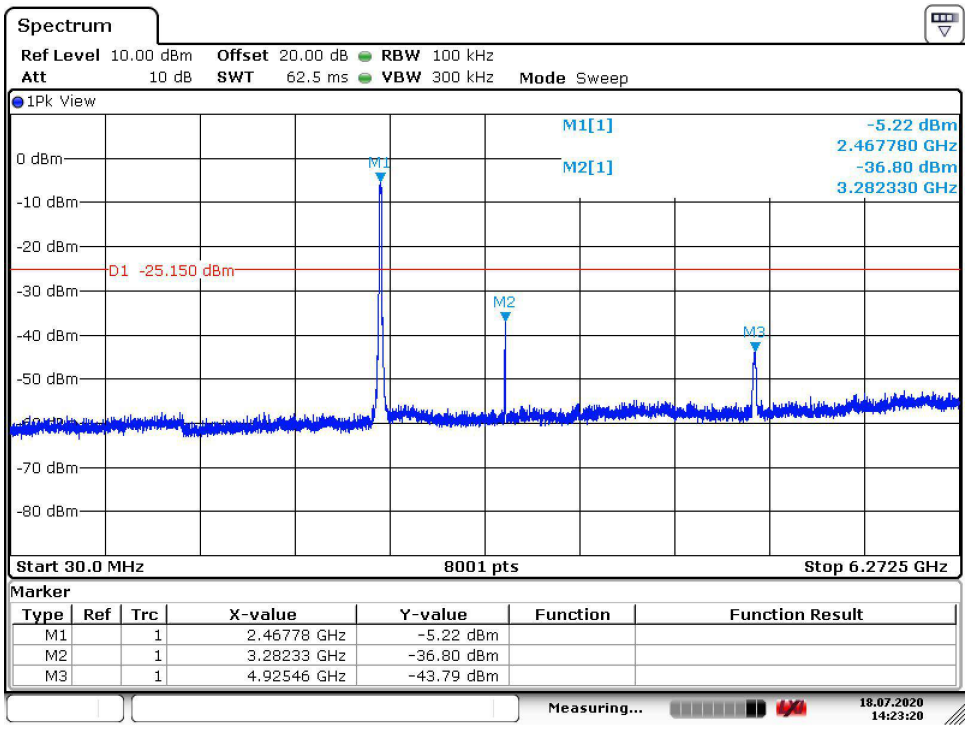
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

High Channel: 2462 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:23:21

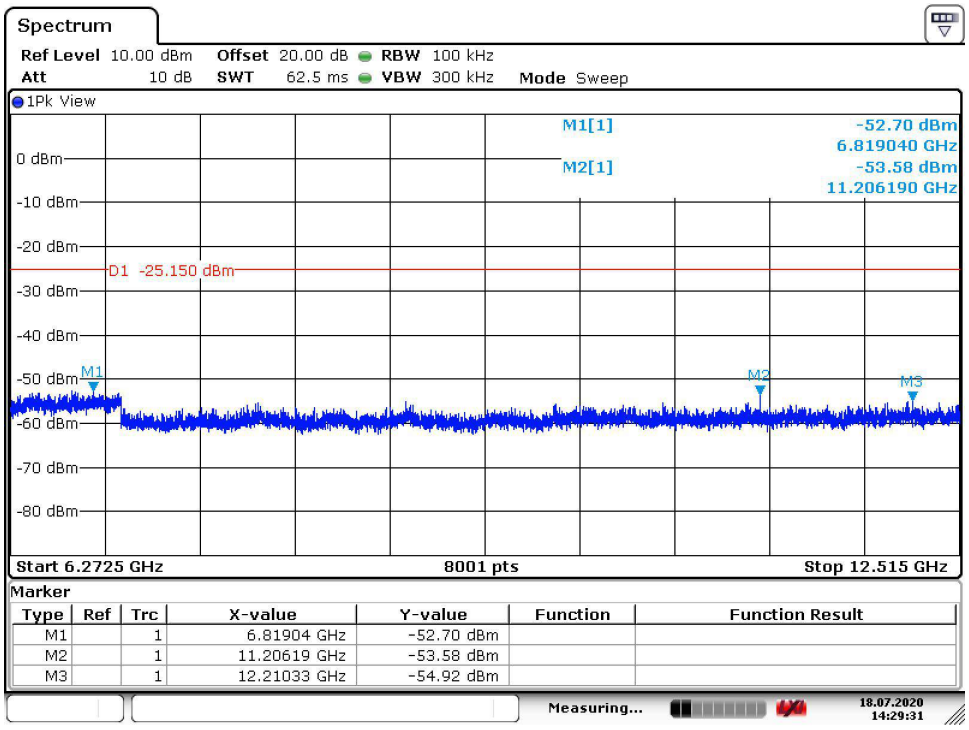
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

High Channel: 2462 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:29:32

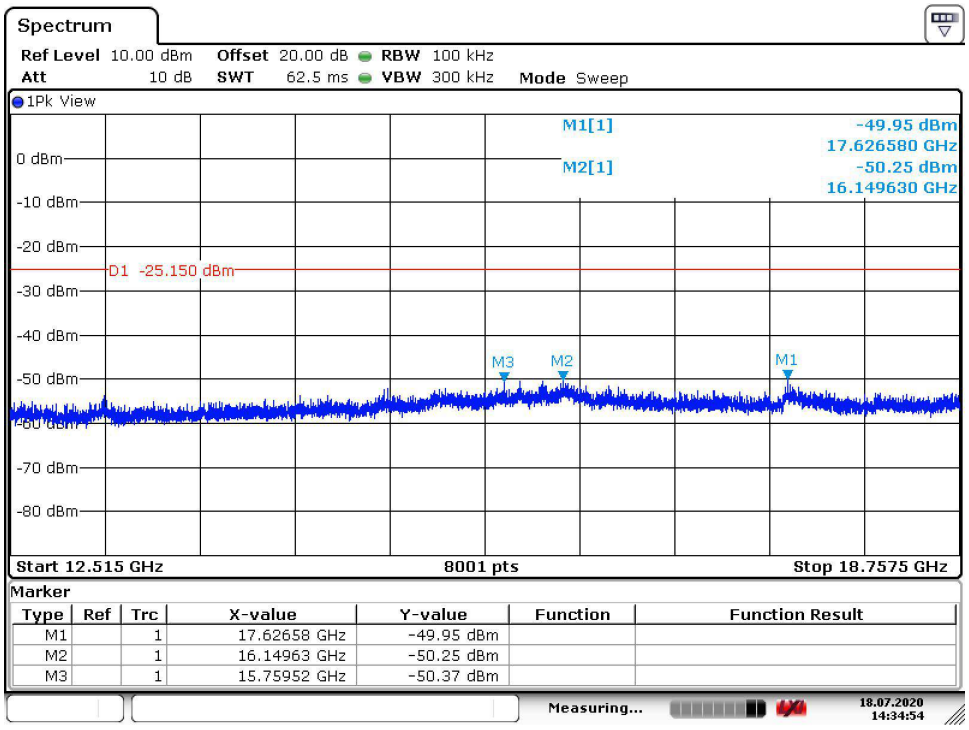
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

High Channel: 2462 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:34:54

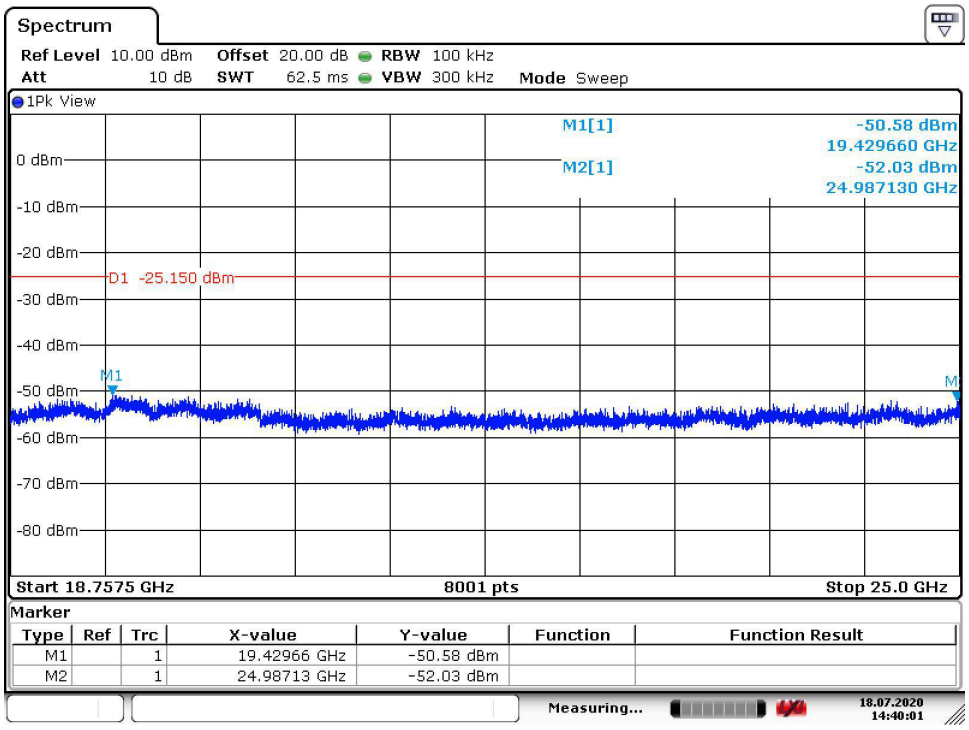
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11g Maximum Reading = -5.15 dBm

High Channel: 2462 MHz Requirement = -25.15 dBm Result: Pass



Date: 18.JUL.2020 14:40:02

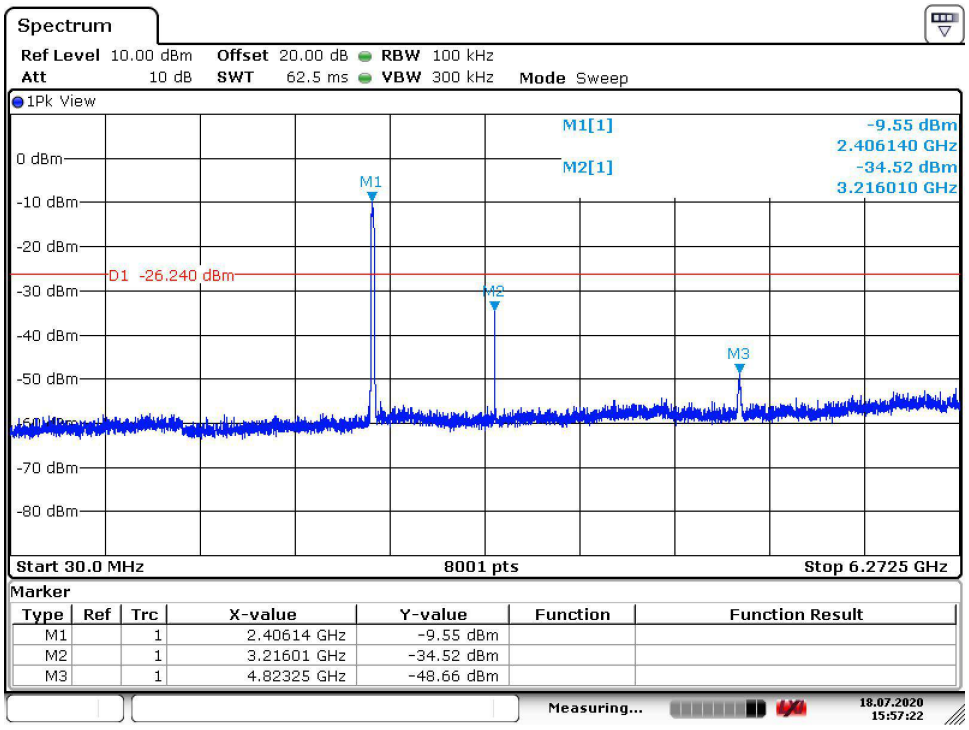
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

Low Channel: 2412 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 15:57:22

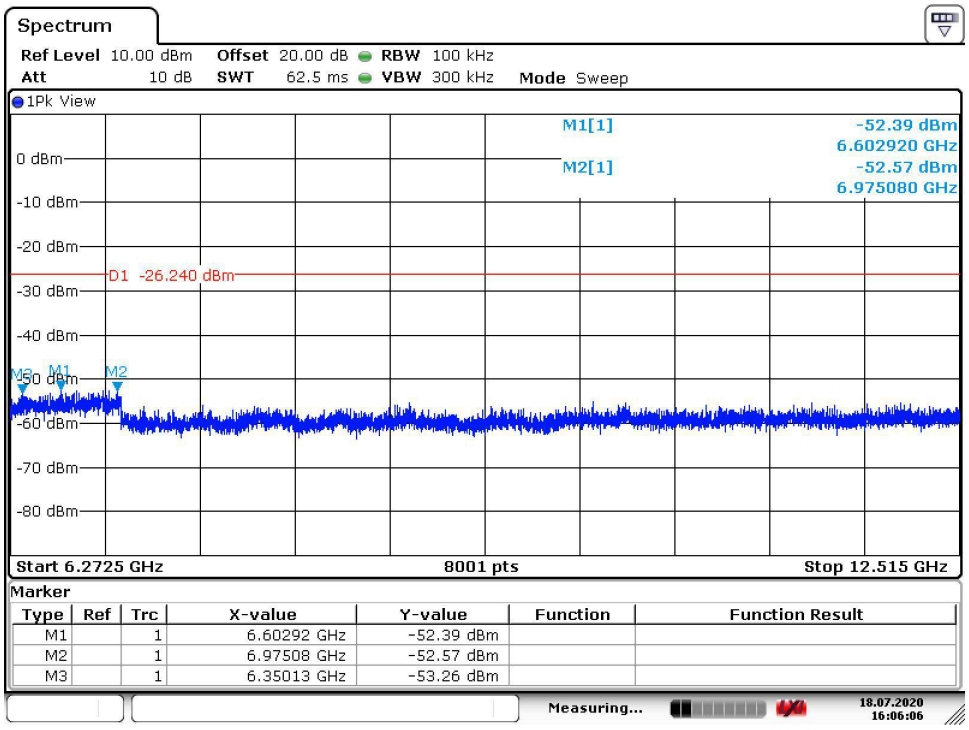
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

Low Channel: 2412 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 16:06:07

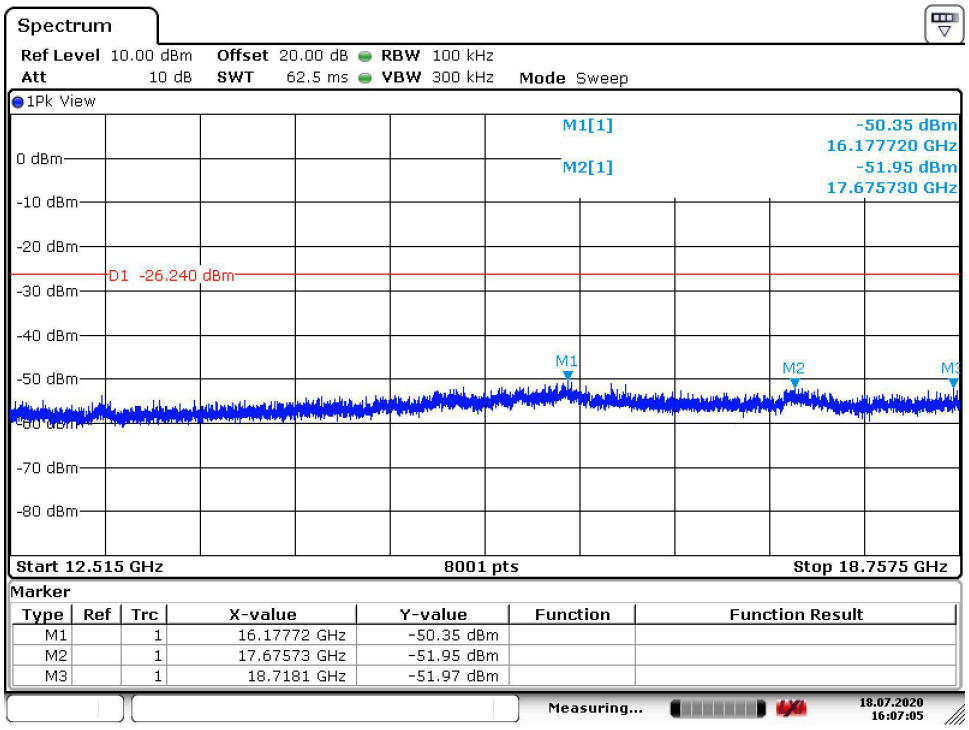
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

Low Channel: 2412 MHz Requirement = -26.40 dBm Result: Pass



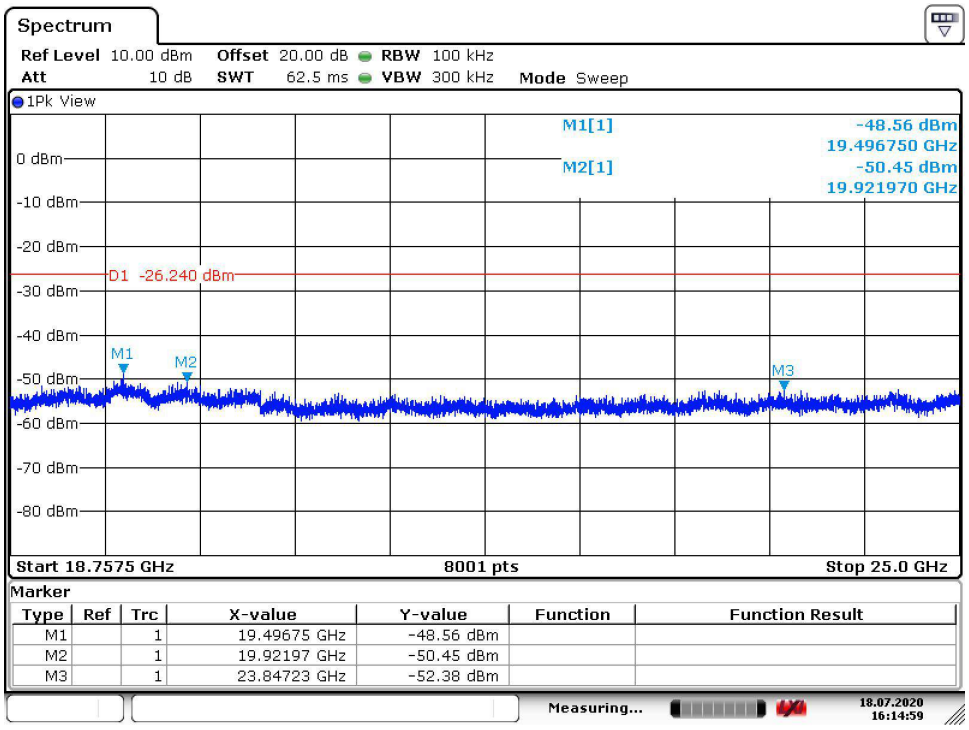
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

Low Channel: 2412 MHz Requirement = -26.40 dBm Result: Pass



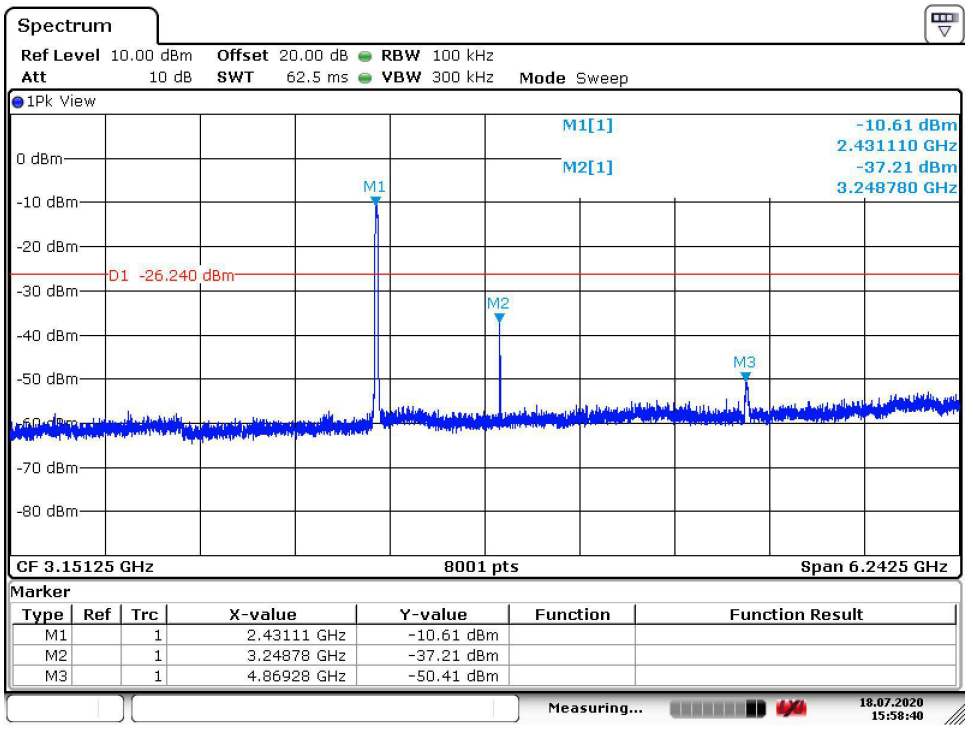
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

Mid Channel: 2437 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 15:58:41

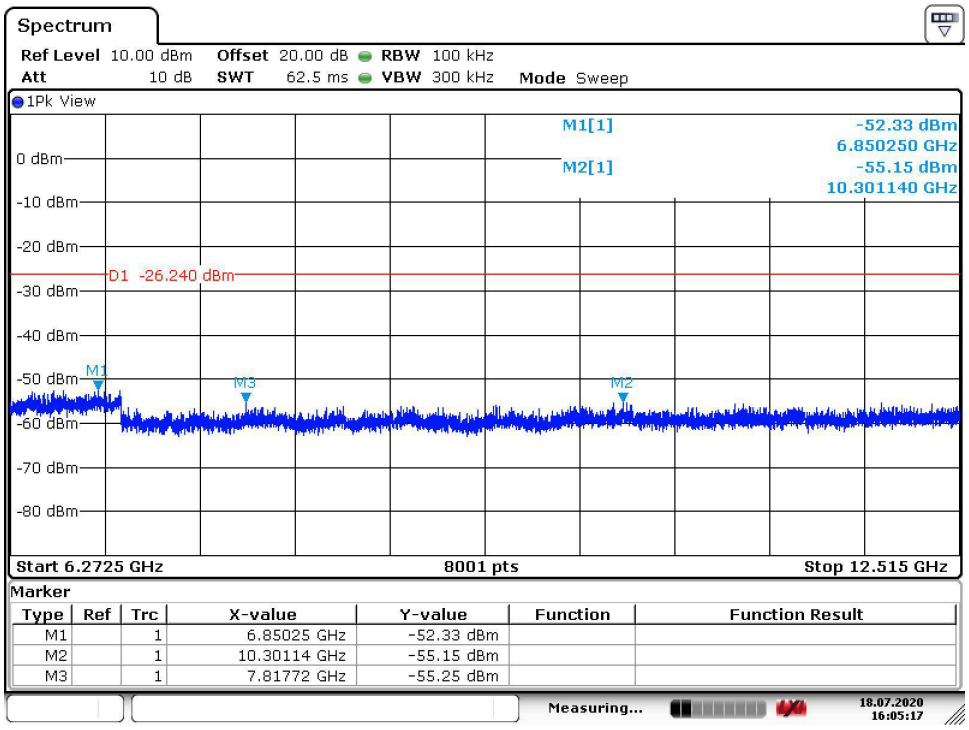
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

Mid Channel: 2437 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 16:05:17

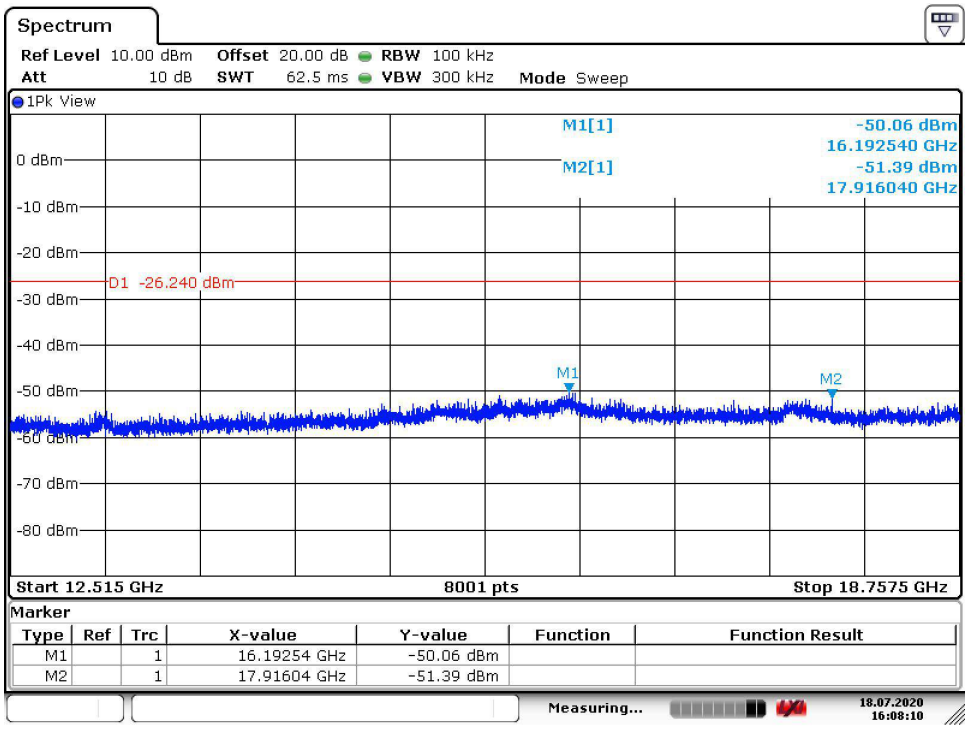
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

Mid Channel: 2437 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 16:08:10

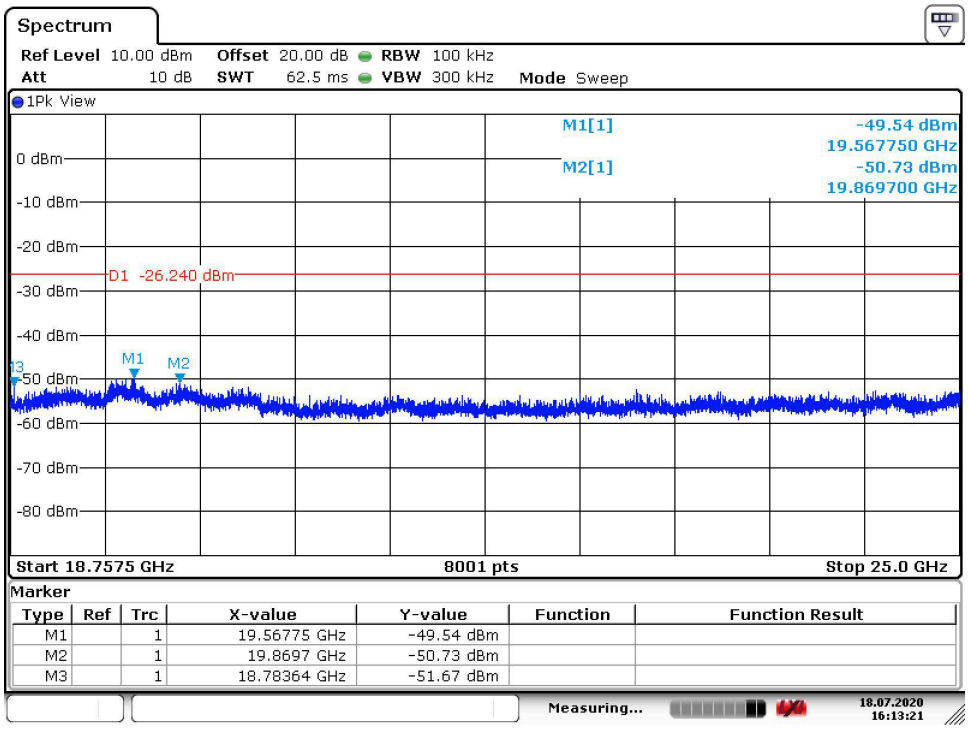
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

Mid Channel: 2437 MHz Requirement = -2640 dBm Result: Pass



Date: 18.JUL.2020 16:13:22

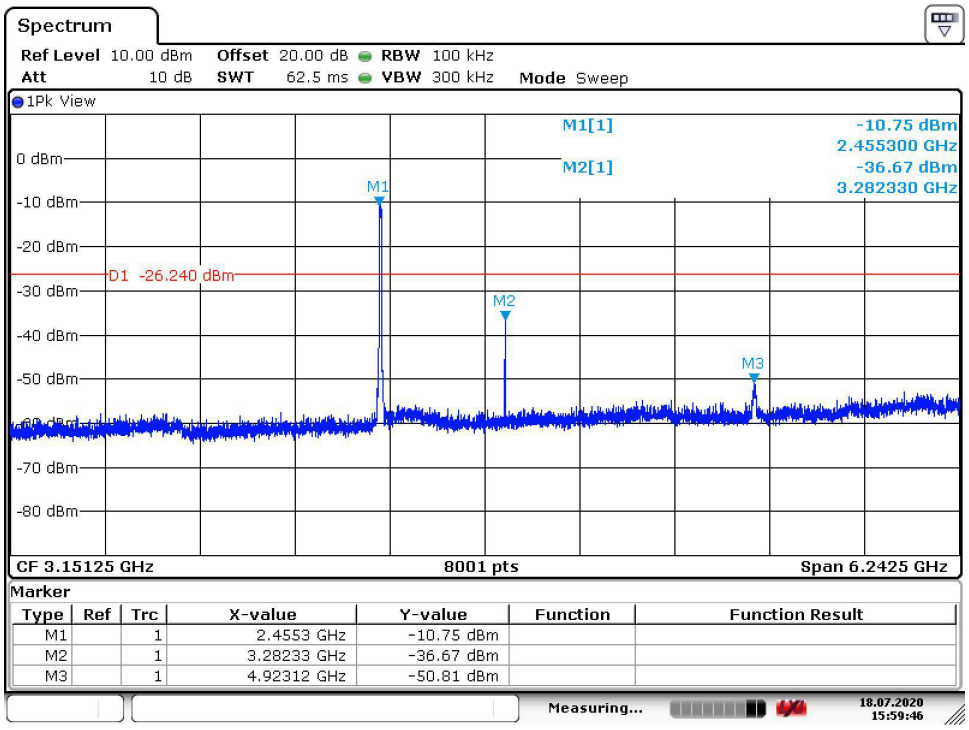
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

High Channel: 2462 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 15:59:46

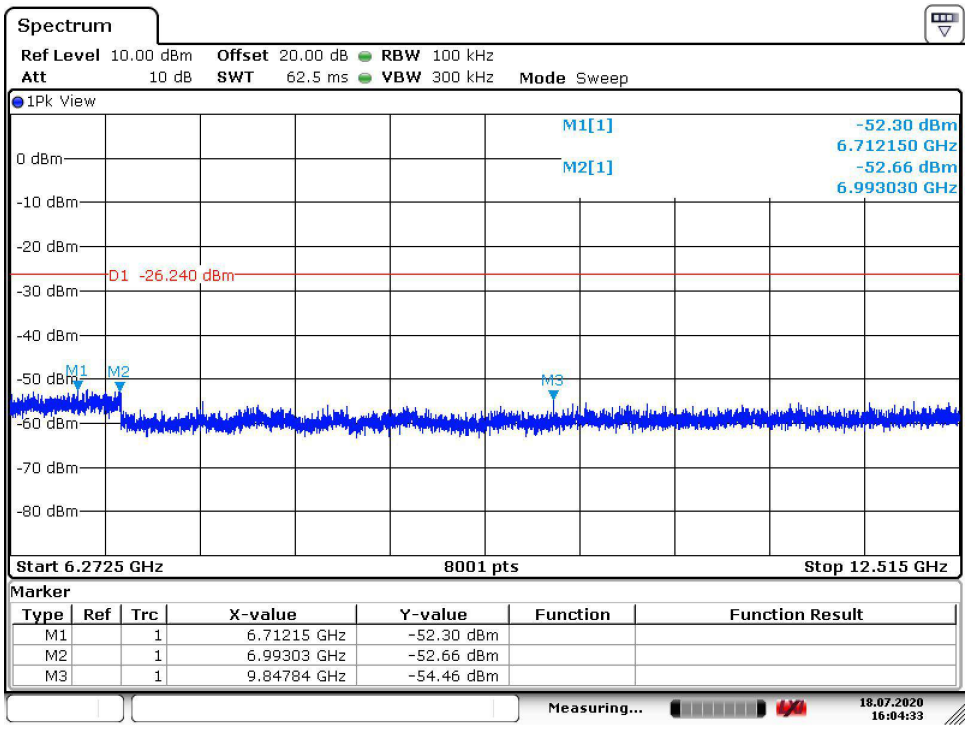
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

High Channel: 2462 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 16:04:33

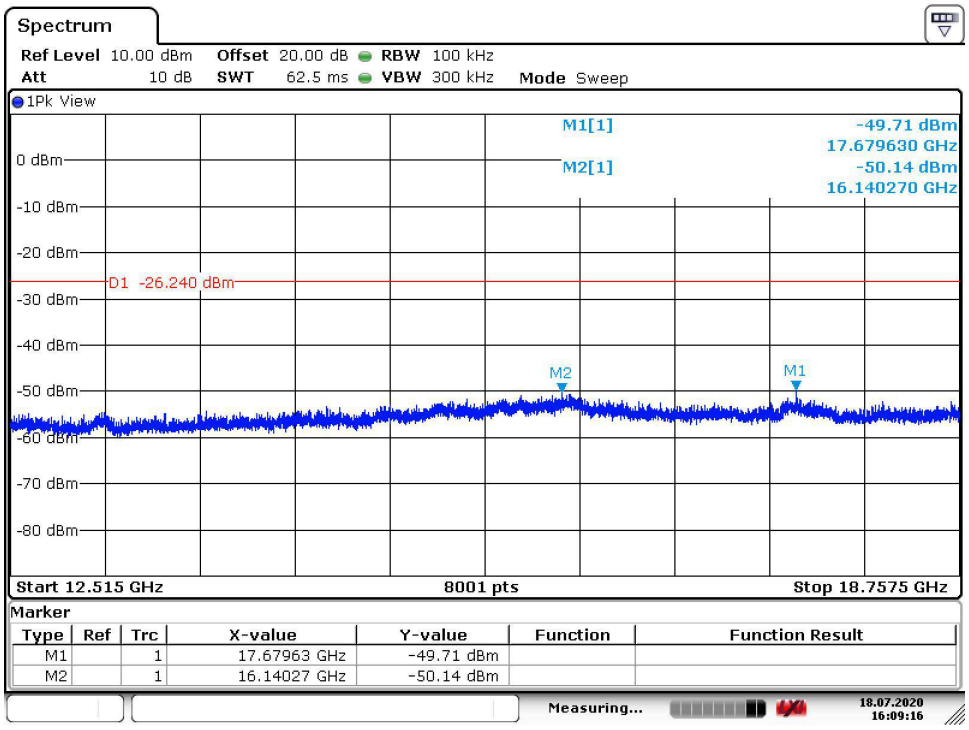
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

High Channel: 2462 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 16:09:17

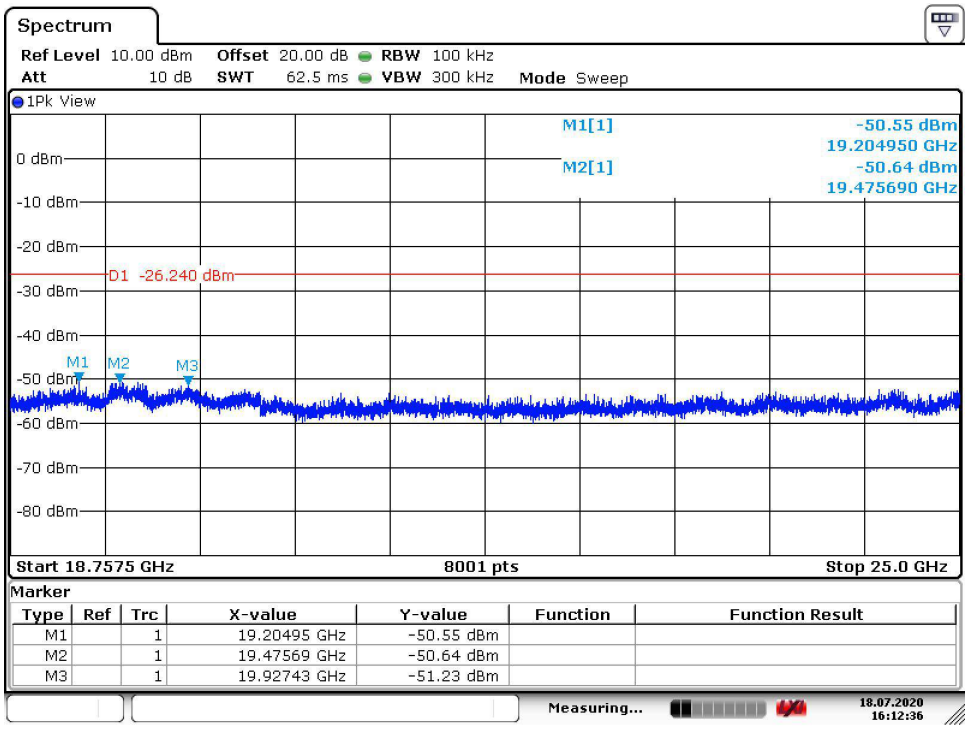
Client: IOSiX LLC Date: 18 Jul 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: Conducted spurious emission <20dB of peak Tech: CL Payne

Modulation: 802.11n Maximum Reading = -6.40 dBm

High Channel: 2462 MHz Requirement = -26.40 dBm Result: Pass



Date: 18.JUL.2020 16:12:37

An additional consideration when performing conducted measurements of restricted-band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than from the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements, the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in 6.3, 6.5, and 6.6. All detected emissions shall comply with the applicable requirements.

This test is required for any spurious emission or modulation product that falls in an Unrestricted Band, as defined in Section 15.209. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:

Span	=	wide enough to fully capture the emission being measured
RBW	=	1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW	=	≥ RBW
Sweep	=	auto
Detector function	=	peak
Trace	=	max hold

Follow the guidelines in ANSI C63.10-2013with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data.

Now repeat the measurement using the average detector of the spectrum analyzer. Submit this data.

Note 1: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Note 2: Highest frequency investigated was the tenth harmonic of the fundamental, no radiated emissions were detected above the 2nd harmonic.

Note 3: The worst case emissions are recorded within this test report.

Requirement: FCC Part 15.247 Clause (d)

> In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

15.247 (d)	Restricted Bands	ANSI C63.10-2013 Clause 11.12.2

11.12 Emissions in restricted frequency bands

11.12.1 Radiated emission measurements

Because the typical emission requirements are specified in terms of radiated field strength levels, measurements performed to determine compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for determining compliance to the specified requirements; however antenna-port conducted measurements are also now acceptable to determine compliance (see 11.12.2 for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in 6.3, 6.5, and 6.6 shall be followed.

Requirement: FCC Part 15.247 Clause (d)

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Note 4: Limit listed is the general limit as specified in 15.209 in order to show compliance with the restricted bands of operation as well as the out of band limit in 15.247. No other identifiable signals were observed in the restricted bands as specified in 15.205.

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

Low Channel: 2412 Modulation: 802.11b Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4824.000	44.9	25.7	5.9	33.2	58.28	74.0	-15.72	PK	Vert	Pass
4824.000	32.1	25.7	5.9	33.2	45.55	54.0	-8.45	AVE	Vert	Pass
7236.000	41.5	25.6	7.2	37.0	60.21	74.0	-13.79	PK	Vert	Pass
7236.000	26.9	25.6	7.2	37.0	45.60	54.0	-8.40	AVE	Vert	Pass
4824.000	43.3	25.7	5.9	33.2	56.72	74.0	-17.28	PK	Horz	Pass
4824.000	30.7	25.7	5.9	33.2	44.14	54.0	-9.86	AVE	Horz	Pass
7236.000	41.1	25.6	7.2	37.0	59.78	74.0	-14.22	PK	Horz	Pass
7236.000	26.9	25.6	7.2	37.0	45.60	54.0	-8.40	AVE	Horz	Pass

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

Mid Channel: 2437 Modulation: 802.11b Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4924.000	44.5	25.7	5.9	33.3	58.03	74.0	-15.97	PK	Vert	Pass
4924.000	31.6	25.7	5.9	33.3	45.09	54.0	-8.91	AVE	Vert	Pass
7311.000	41.4	25.5	7.3	37.0	60.14	74.0	-13.86	PK	Vert	Pass
7311.000	27.0	25.5	7.3	37.0	45.67	54.0	-8.33	AVE	Vert	Pass
4924.000	43.0	25.7	5.9	33.3	56.49	74.0	-17.51	PK	Horz	Pass
4924.000	30.0	25.7	5.9	33.3	43.55	54.0	-10.45	AVE	Horz	Pass
7311.000	41.1	25.5	7.3	37.0	59.77	74.0	-14.23	PK	Horz	Pass
7311.000	27.0	25.5	7.3	37.0	45.69	54.0	-8.31	AVE	Horz	Pass

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

High Channel: 2462 Modulation: 802.11b Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4924.000	42.3	25.7	5.9	33.3	55.98	74.0	-18.02	PK	Vert	Pass
4924.000	28.3	25.7	5.9	33.3	41.98	54.0	-12.02	AVE	Vert	Pass
7386.000	40.7	25.5	7.3	37.0	59.47	74.0	-14.53	PK	Vert	Pass
7386.000	26.9	25.5	7.3	37.0	45.70	54.0	-8.30	AVE	Vert	Pass
4924.000	42.3	25.7	5.9	33.3	55.98	74.0	-18.02	PK	Horz	Pass
4924.000	28.3	25.7	5.9	33.3	41.98	54.0	-12.02	AVE	Horz	Pass
7386.000	40.7	25.5	7.3	37.0	59.44	74.0	-14.56	PK	Horz	Pass
7386.000	26.9	25.5	7.3	37.0	45.69	54.0	-8.31	AVE	Horz	Pass

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

Low Channel: 2412 Modulation: 802.11g Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4824.000	45.3	25.7	5.9	33.2	58.76	74.0	-15.24	PK	Vert	Pass
4824.000	31.5	25.7	5.9	33.2	44.94	54.0	-9.06	AVE	Vert	Pass
7236.000	40.9	25.6	7.2	37.0	59.57	74.0	-14.43	PK	Vert	Pass
7236.000	27.0	25.6	7.2	37.0	45.62	54.0	-8.38	AVE	Vert	Pass
4824.000	43.1	25.7	5.9	33.2	56.52	74.0	-17.48	PK	Horz	Pass
4824.000	29.1	25.7	5.9	33.2	42.51	54.0	-11.49	AVE	Horz	Pass
7236.000	41.6	25.6	7.2	37.0	60.29	74.0	-13.71	PK	Horz	Pass
7236.000	27.0	25.6	7.2	37.0	45.62	54.0	-8.38	AVE	Horz	Pass

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

Mid Channel: 2437 Modulation: 802.11g Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4924.000	45.6	25.7	5.9	33.3	59.16	74.0	-14.84	PK	Vert	Pass
4924.000	31.7	25.7	5.9	33.3	45.24	54.0	-8.76	AVE	Vert	Pass
7311.000	41.0	25.5	7.3	37.0	59.74	74.0	-14.26	PK	Vert	Pass
7311.000	26.9	25.5	7.3	37.0	45.65	54.0	-8.35	AVE	Vert	Pass
4924.000	42.1	25.7	5.9	33.3	55.68	74.0	-18.32	PK	Horz	Pass
4924.000	28.2	25.7	5.9	33.3	41.70	54.0	-12.30	AVE	Horz	Pass
7311.000	40.6	25.5	7.3	37.0	59.30	74.0	-14.70	PK	Horz	Pass
7311.000	26.9	25.5	7.3	37.0	45.64	54.0	-8.36	AVE	Horz	Pass

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

High Channel: 2462 Modulation: 802.11g Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4924.000	42.2	25.7	5.9	33.3	55.82	74.0	-18.18	PK	Vert	Pass
4924.000	28.3	25.7	5.9	33.3	41.95	54.0	-12.05	AVE	Vert	Pass
7386.000	40.6	25.5	7.3	37.0	59.34	74.0	-14.66	PK	Vert	Pass
7386.000	26.9	25.5	7.3	37.0	45.67	54.0	-8.33	AVE	Vert	Pass
4924.000	41.9	25.7	5.9	33.3	55.52	74.0	-18.48	PK	Horz	Pass
4924.000	28.3	25.7	5.9	33.3	41.96	54.0	-12.04	AVE	Horz	Pass
7386.000	40.8	25.5	7.3	37.0	59.61	74.0	-14.39	PK	Horz	Pass
7386.000	26.9	25.5	7.3	37.0	45.67	54.0	-8.33	AVE	Horz	Pass

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

Low Channel: 2412 Modulation: 802.11n Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4824.000	43.5	25.7	5.9	33.2	56.94	74.0	-17.06	PK	Vert	Pass
4824.000	30.2	25.7	5.9	33.2	43.59	54.0	-10.41	AVE	Vert	Pass
7236.000	41.5	25.6	7.2	37.0	60.19	74.0	-13.81	PK	Vert	Pass
7236.000	26.9	25.6	7.2	37.0	45.60	54.0	-8.40	AVE	Vert	Pass
4824.000	42.7	25.7	5.9	33.2	56.17	74.0	-17.83	PK	Horz	Pass
4824.000	29.2	25.7	5.9	33.2	42.60	54.0	-11.40	AVE	Horz	Pass
7236.000	41.3	25.6	7.2	37.0	60.01	74.0	-13.99	PK	Horz	Pass
7236.000	26.9	25.6	7.2	37.0	45.61	54.0	-8.39	AVE	Horz	Pass

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

Mid Channel: 2437 Modulation: 802.11n Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4924.000	42.0	25.7	5.9	33.3	55.57	74.0	-18.43	PK	Vert	Pass
4924.000	28.9	25.7	5.9	33.3	42.42	54.0	-11.58	AVE	Vert	Pass
7311.000	41.1	25.5	7.3	37.0	59.84	74.0	-14.16	PK	Vert	Pass
7311.000	26.9	25.5	7.3	37.0	45.66	54.0	-8.34	AVE	Vert	Pass
4924.000	41.8	25.7	5.9	33.3	55.38	74.0	-18.62	PK	Horz	Pass
4924.000	28.2	25.7	5.9	33.3	41.74	54.0	-12.26	AVE	Horz	Pass
7311.000	41.1	25.5	7.3	37.0	59.81	74.0	-14.19	PK	Horz	Pass
7311.000	26.9	25.5	7.3	37.0	45.63	54.0	-8.37	AVE	Horz	Pass

Client: IOSiX LLC Date: 14 Aug 2020 DNB Job: 06125

EUT: IOSiX OBDv5 Vehicle Data Logger Model No: IO-2050

Requirement: General limit of 15.209 Tech: B Williams

High Channel: 2462 Modulation: 802.11n Result: Pass

RADIATED SPURIOUS and RESTRICTED FREQUENCY BANDS										
Freq (MHz)	Meter (dBuV/m)	Pre-Amp (dB)	Cable (dB)	Antenna (dB)	Corrected (dBuV/m)	Limit (dBuV/m)	Delta (dB)	Type	Antenna Polarity	Pass Fail
4924.000	42.5	25.7	5.9	33.3	56.18	74.0	-17.82	PK	Vert	Pass
4924.000	28.3	25.7	5.9	33.3	41.94	54.0	-12.06	AVE	Vert	Pass
7386.000	41.2	25.5	7.3	37.0	59.94	74.0	-14.06	PK	Vert	Pass
7386.000	26.9	25.5	7.3	37.0	45.66	54.0	-8.34	AVE	Vert	Pass
4924.000	42.1	25.7	5.9	33.3	55.74	74.0	-18.26	PK	Horz	Pass
4924.000	28.3	25.7	5.9	33.3	41.94	54.0	-12.06	AVE	Horz	Pass
7386.000	41.1	25.5	7.3	37.0	59.88	74.0	-14.12	PK	Horz	Pass
7386.000	26.8	25.5	7.3	37.0	45.58	54.0	-8.42	AVE	Horz	Pass

End of Report UT06125B-005