BAND EDGE COMPLIANCE

XMit 2019.09.05

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5173B	TIW	5-Jul-17	5-Jul-20
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	15-Sep-19	15-Sep-20
Block - DC	Fairview Microwave	SD3379	AMI	6-Aug-19	6-Aug-20
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFN	1-May-19	1-May-20

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions at the edges of the authorized band were measured with the EUT set to low and high transmit frequencies. The EUT was transmitting at the data rate(s) listed in the datasheet in a no hop mode. The channels closest to the band edges were selected.

The spectrum was scanned below the lower band edge and above the higher band edge.

BAND EDGE COMPLIANCE

element

TbtTx 2019.08.30.0 XMit 2019.09.05

EUT:	**Beacon**			**Work Order:**	**SMNC0001**
Serial Number:	**Unit 1**			**Date:**	**26-Nov-19**
Customer:	**SMRTGrid Inc.**			**Temperature:**	**23.2 °C**
Attendees:	**Bill Haag**			**Humidity:**	**29.4% RH**
Project:	**None**			**Barometric Pres.:**	**1013 mbar**
Tested by:	**Dustin Sparks**	**Power:**	**Battery**	**Job Site:**	**MN08**

TEST SPECIFICATIONS	**Test Method**
FCC 15.247:2019	ANSI C63.10:2013

COMMENTS

DC block, measurement cable, and customer U.FL to SMA cable included in reference level offset. No external attenuator required due to low output power.

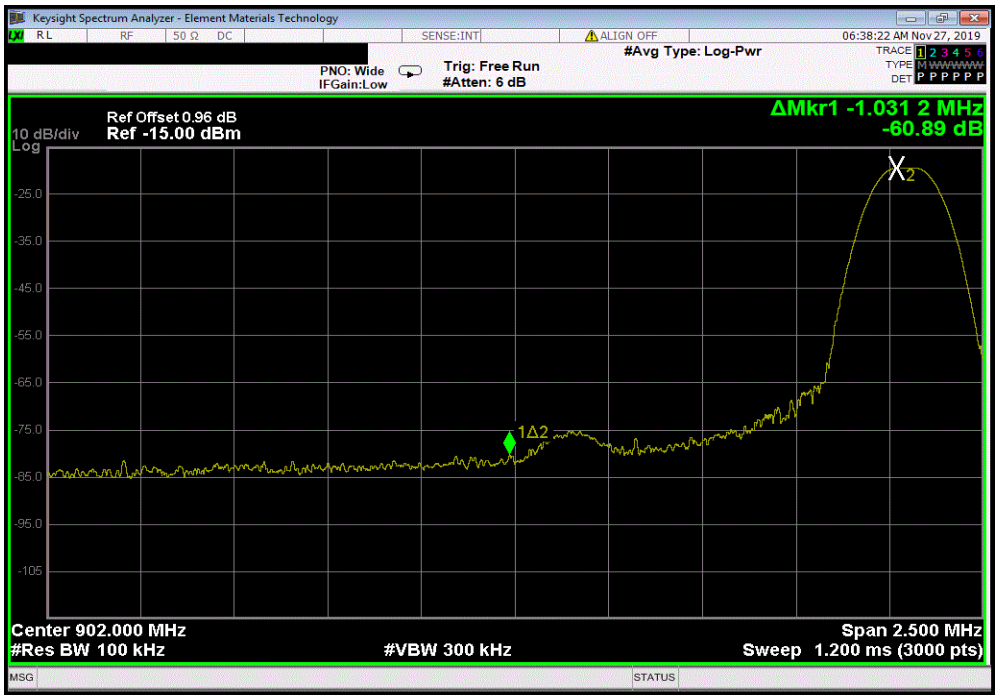
DEVIATIONS FROM TEST STANDARD

None

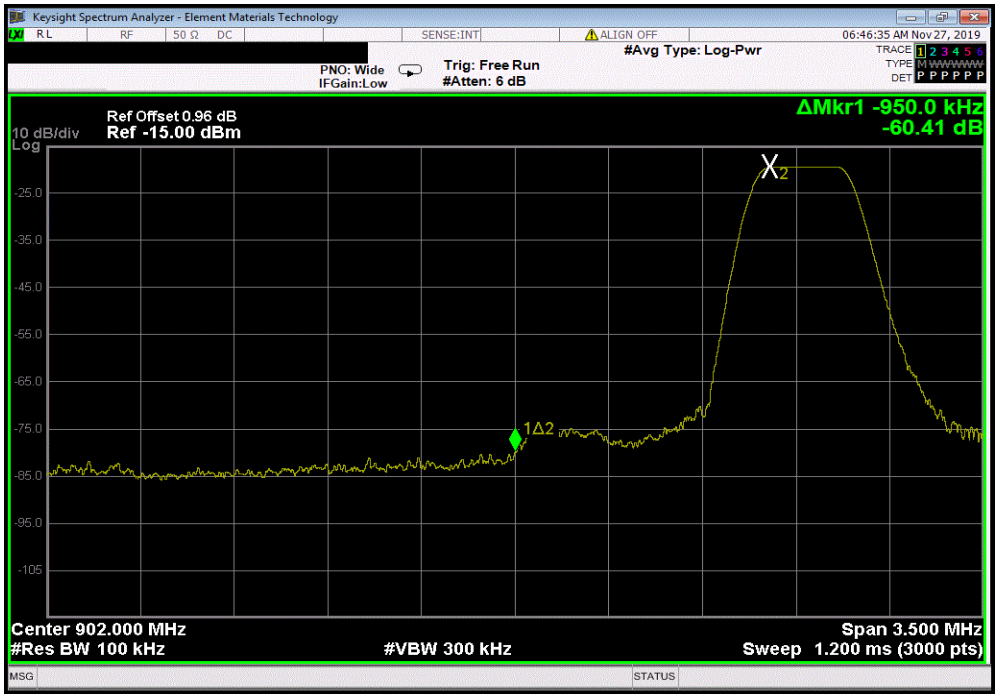
Configuration #	**4**	*Signature* Dustin Sparks

		Value (dBc)	**Limit ≤ (dBc)**	**Result**
LoRa, 902-928 MHz				
	Low Channel, 903.08 MHz			
	293 bps	-60.89	-20	Pass
	3516 bps	-60.41	-20	Pass
	37500 bps	-56.42	-20	Pass
	High Channel, 926.84 MHz			
	293 bps	-56.75	-20	Pass
	3516 bps	-55.69	-20	Pass
	37500 bps	-55.11	-20	Pass

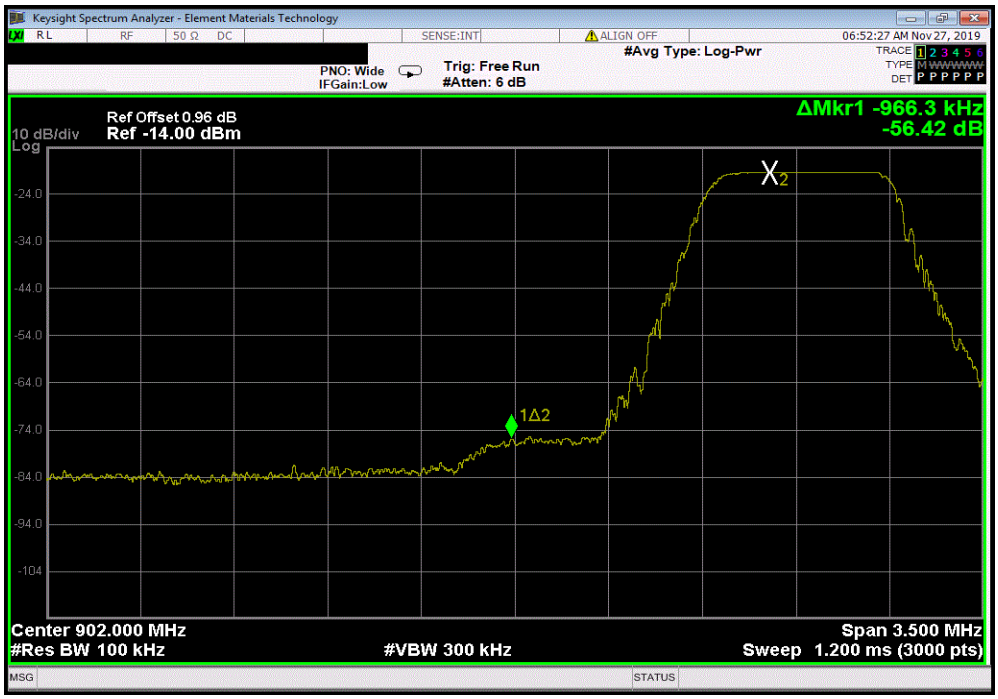
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 293 bps						
				Value (dBc)	Limit ≤ (dBc)	Result
				-60.89	-20	Pass



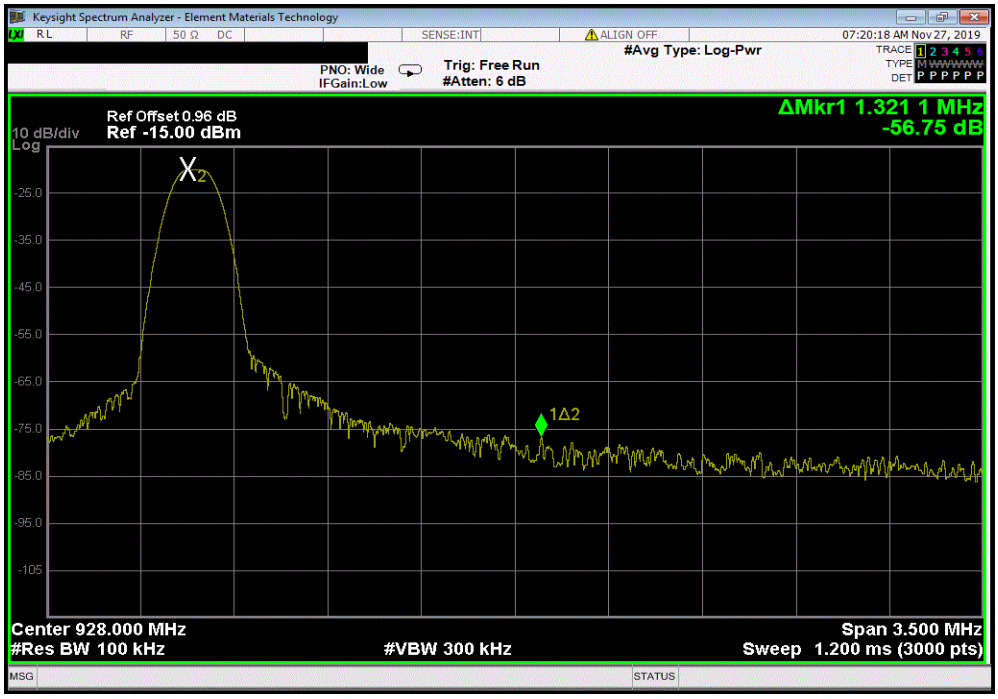
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 3516 bps						
				Value (dBc)	Limit ≤ (dBc)	Result
				-60.41	-20	Pass



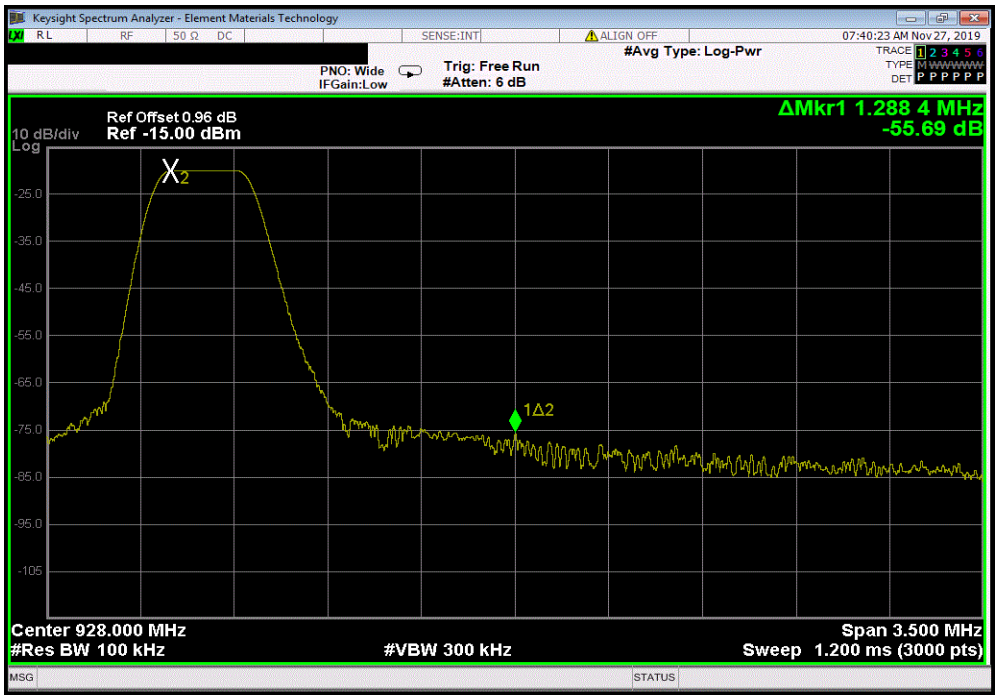
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 37500 bps						
				Value (dBc)	Limit ≤ (dBc)	Result
				-56.42	-20	Pass



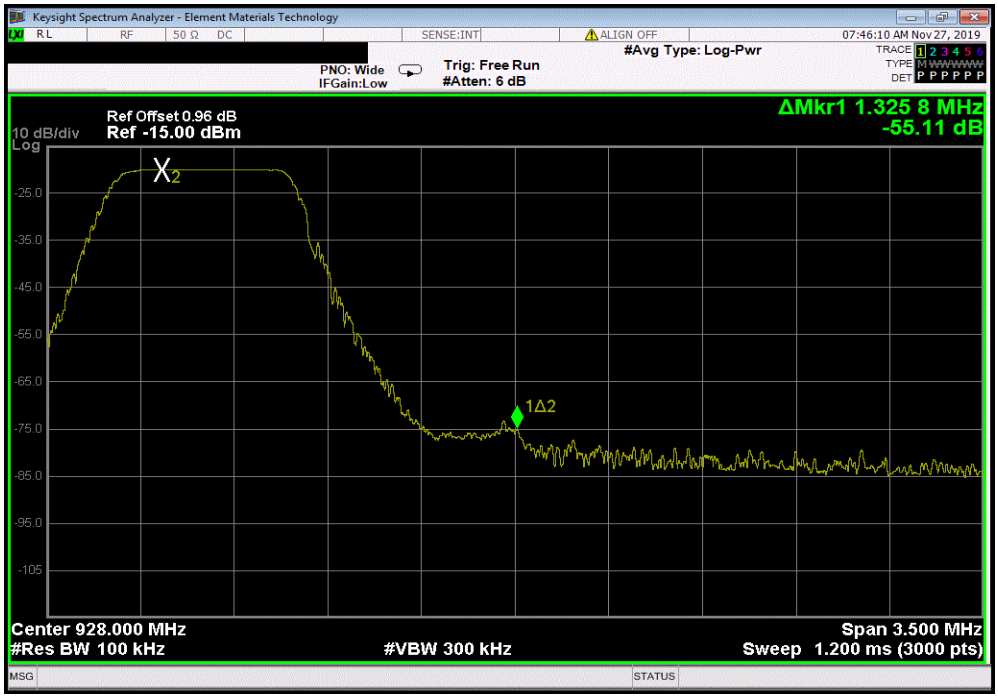
LoRa, 902-928 MHz, High Channel, 926.84 MHz, 293 bps						
				Value (dBc)	Limit ≤ (dBc)	Result
				-56.75	-20	Pass



LoRa, 902-928 MHz, High Channel, 926.84 MHz, 3516 bps						
				Value (dBc)	Limit ≤ (dBc)	Result
				-55.69	-20	Pass



LoRa, 902-928 MHz, High Channel, 926.84 MHz, 37500 bps						
				Value (dBc)	Limit ≤ (dBc)	Result
				-55.11	-20	Pass



BAND EDGE COMPLIANCE (HOPPING MODE)

XMit 2019.09.05

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5173B	TIW	5-Jul-17	5-Jul-20
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	15-Sep-19	15-Sep-20
Block - DC	Fairview Microwave	SD3379	AMI	6-Aug-19	6-Aug-20
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFN	1-May-19	1-May-20

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions at the edges of the authorized band were measured with the EUT set to its normal pseudo-random hopping sequence. The EUT was transmitting at the data rate(s) listed in the datasheet.

The spectrum was scanned below the lower band edge and above the higher band edge.

BAND EDGE COMPLIANCE (HOPPING MODE)

element

TbtTx 2019.08.30.0 XMit 2019.09.05

EUT:	**Beacon**			**Work Order:**	**SMNC0001**
Serial Number:	**Unit 1**			**Date:**	**26-Nov-19**
Customer:	**SMRTGrid Inc.**			**Temperature:**	**23.3 °C**
Attendees:	**Bill Haag**			**Humidity:**	**29.5% RH**
Project:	**None**			**Barometric Pres.:**	**1012 mbar**
Tested by:	**Dustin Sparks**	**Power:**	**Battery**	**Job Site:**	**MN08**

TEST SPECIFICATIONS	**Test Method**
FCC 15.247:2019	ANSI C63.10:2013

COMMENTS

DC block, measurement cable, and customer U.FL to SMA cable included in reference level offset. No external attenuator required due to low output power.

DEVIATIONS FROM TEST STANDARD

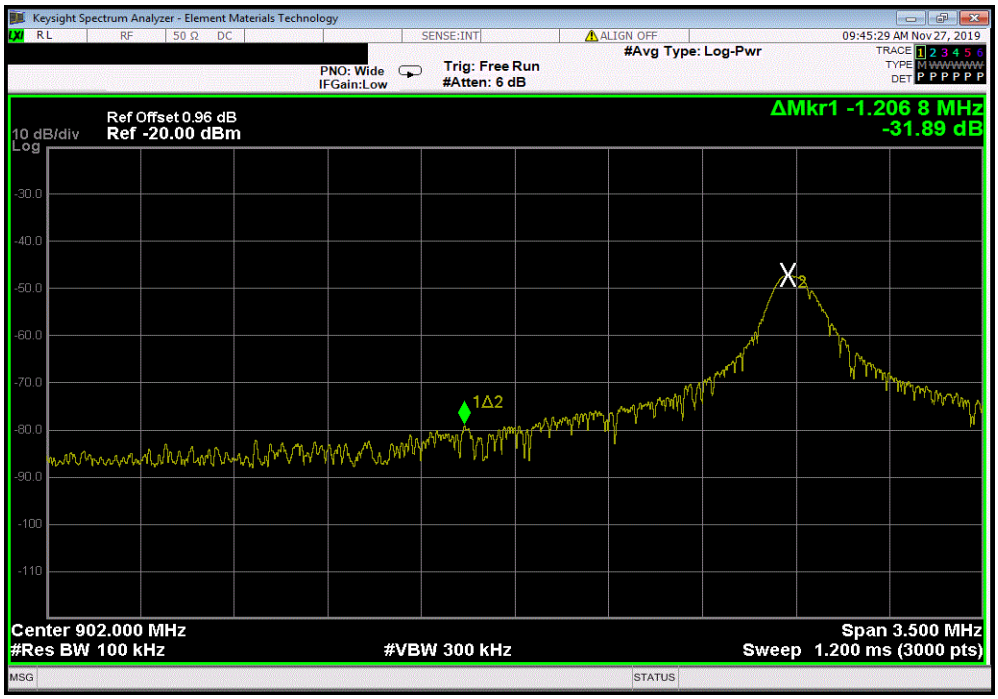
None

Configuration #	**4**	*Signature* Dustin Sparks

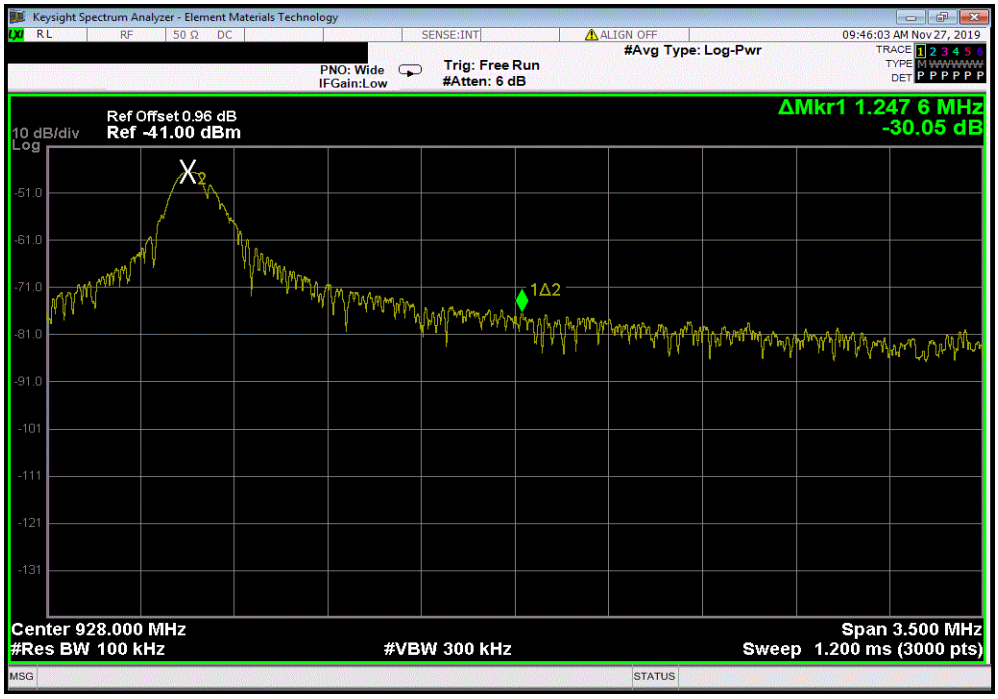
	Value (dBc)	Limit ≤ (dBc)	Result
Hopping Mode (All Channels)			
LoRa, 293 bps			
Low Channel, 903.08 MHz	-31.89	-20	Pass
High Channel, 926.84 MHz	-30.05	-20	Pass
LoRa, 3516 bps			
Low Channel, 903.08 MHz	-31.85	-20	Pass
High Channel, 926.84 MHz	-29.97	-20	Pass
LoRa, 37500 bps			
Low Channel, 903.08 MHz	-31.73	-20	Pass
High Channel, 926.84 MHz	-30.16	-20	Pass

BAND EDGE COMPLIANCE (HOPPING MODE)

Hopping Mode (All Channels), LoRa, 293 bps, Low Channel, 903.08 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-31.89	-20	Pass

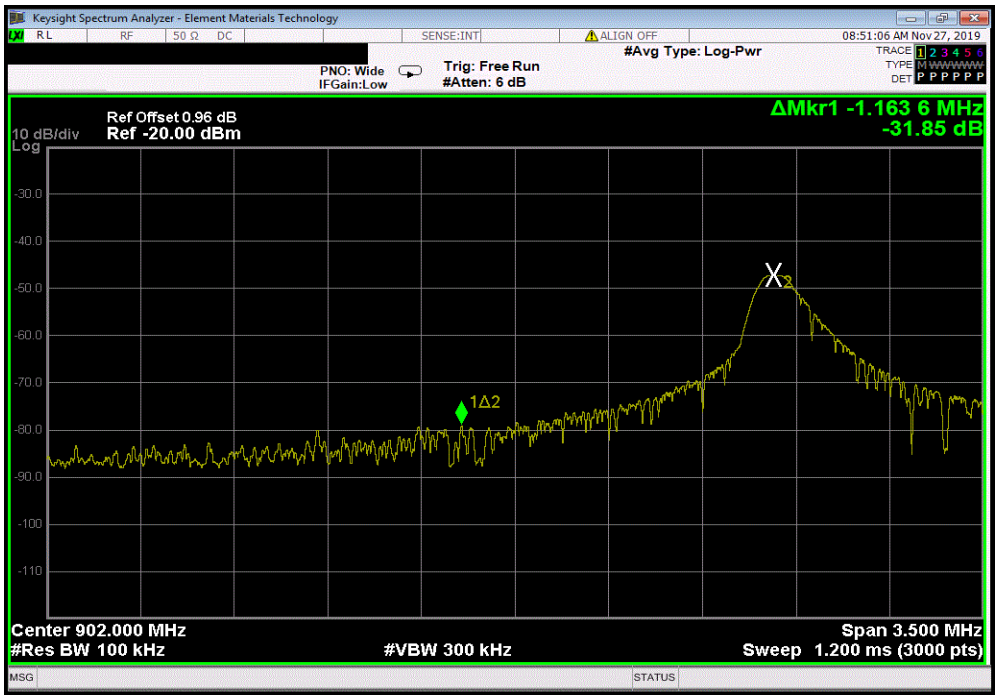


Hopping Mode (All Channels), LoRa, 293 bps, High Channel, 926.84 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-30.05	-20	Pass

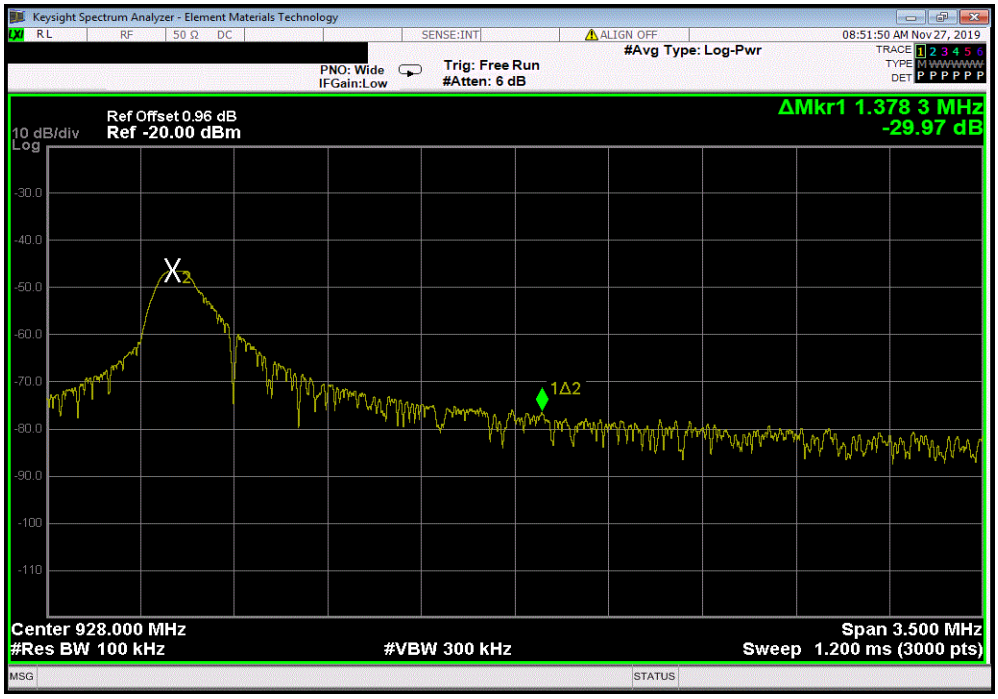


BAND EDGE COMPLIANCE (HOPPING MODE)

Hopping Mode (All Channels), LoRa, 3516 bps, Low Channel, 903.08 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-31.85	-20	Pass

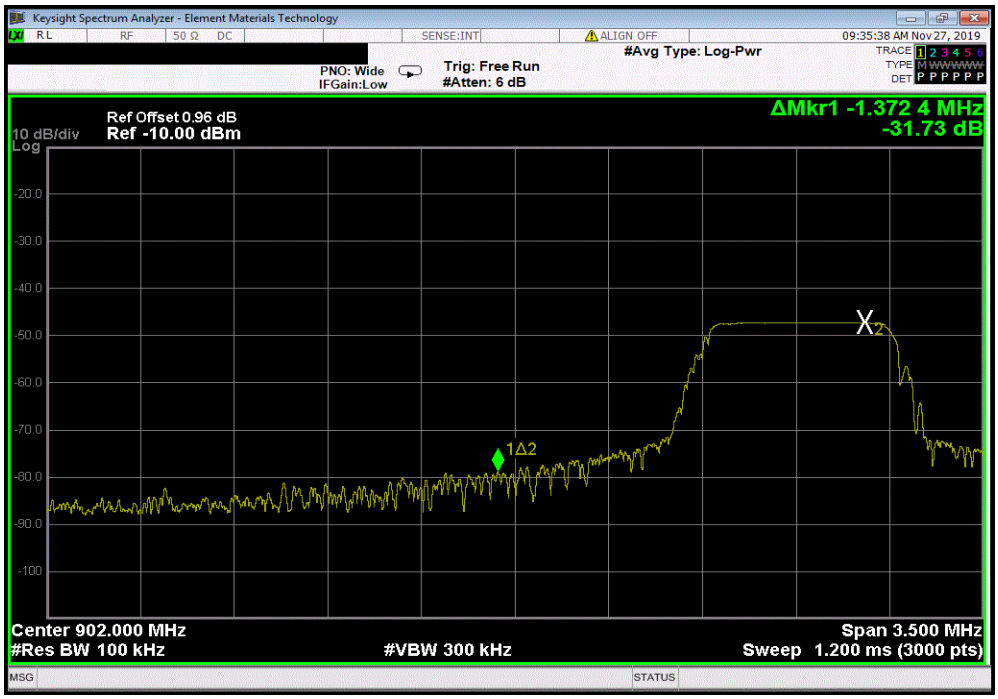


Hopping Mode (All Channels), LoRa, 3516 bps, High Channel, 926.84 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-29.97	-20	Pass

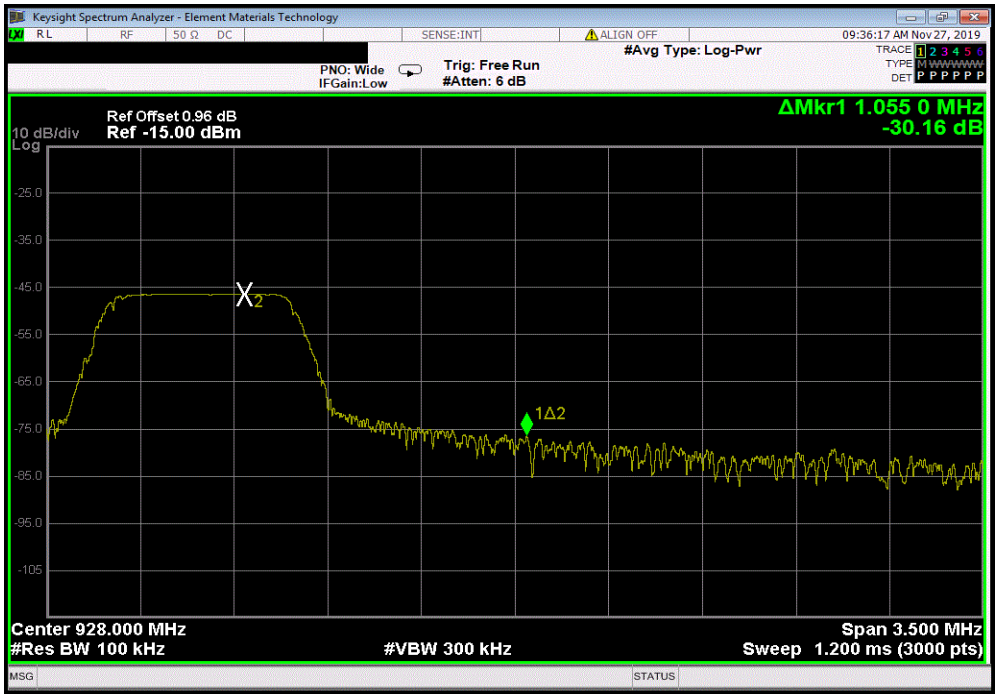


BAND EDGE COMPLIANCE (HOPPING MODE)

Hopping Mode (All Channels), LoRa, 37500 bps, Low Channel, 903.08 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-31.73	-20	Pass



Hopping Mode (All Channels), LoRa, 37500 bps, High Channel, 926.84 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-30.16	-20	Pass



OCCUPIED BANDWIDTH

XMit 2019.09.05

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5173B	TIW	5-Jul-17	5-Jul-20
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	15-Sep-19	15-Sep-20
Block - DC	Fairview Microwave	SD3379	AMI	6-Aug-19	6-Aug-20
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFN	1-May-19	1-May-20

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The 20 dB occupied bandwidth was measured with the EUT set to low, medium and high transmit frequencies in the band. The EUT was transmitting at the data rate(s) listed in the datasheet in a no-hop mode.

OCCUPIED BANDWIDTH

TbtTx 2019.08.30.0 XMit 2019.09.05

EUT:	**Beacon**			**Work Order:**	**SMNC0001**
Serial Number:	**Unit 1**			**Date:**	**26-Nov-19**
Customer:	**SMRTGrid Inc.**			**Temperature:**	**23.1 °C**
Attendees:	**Bill Haag**			**Humidity:**	**29.6% RH**
Project:	**None**			**Barometric Pres.:**	**1011 mbar**
Tested by:	**Dustin Sparks**	**Power:**	**Battery**	**Job Site:**	**MN08**

TEST SPECIFICATIONS	**Test Method**
FCC 15.247:2019	ANSI C63.10:2013

COMMENTS

DC block, measurement cable, and customer U.FL to SMA cable included in reference level offset. No external attenuator required due to low output power.

DEVIATIONS FROM TEST STANDARD

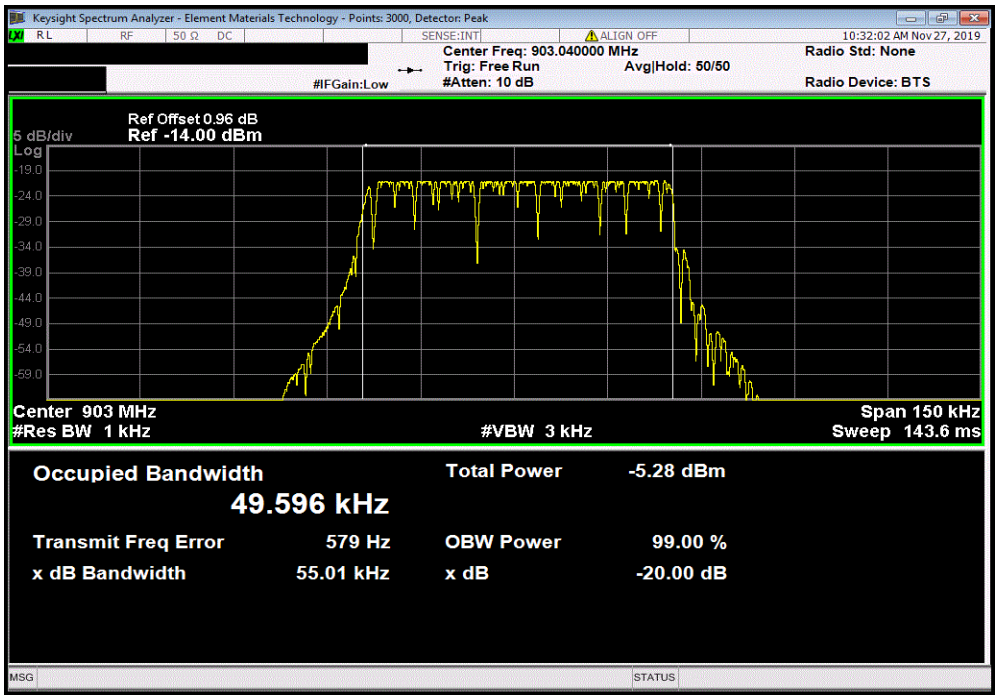
None

Configuration #	**4**	*Signature* Dustin Sparks

		Value	**Limit**	**Result**
LoRa, 902-928 MHz				
	Low Channel, 903.04 MHz			
	293 bps	55.015 kHz	< 2.2 MHz	Pass
	3516 bps	280.177 kHz	< 2.2 MHz	Pass
	37500 bps	700.362 kHz	< 2.2 MHz	Pass
	Mid Channel, 915 MHz			
	293 bps	55.3 kHz	< 2.2 MHz	Pass
	3516 bps	278.522 kHz	< 2.2 MHz	Pass
	37500 bps	679.095 kHz	< 2.2 MHz	Pass
	High Channel, 926.84 MHz			
	293 bps	54.274 kHz	< 2.2 MHz	Pass
	3516 bps	277.763 kHz	< 2.2 MHz	Pass
	37500 bps	699.609 kHz	< 2.2 MHz	Pass

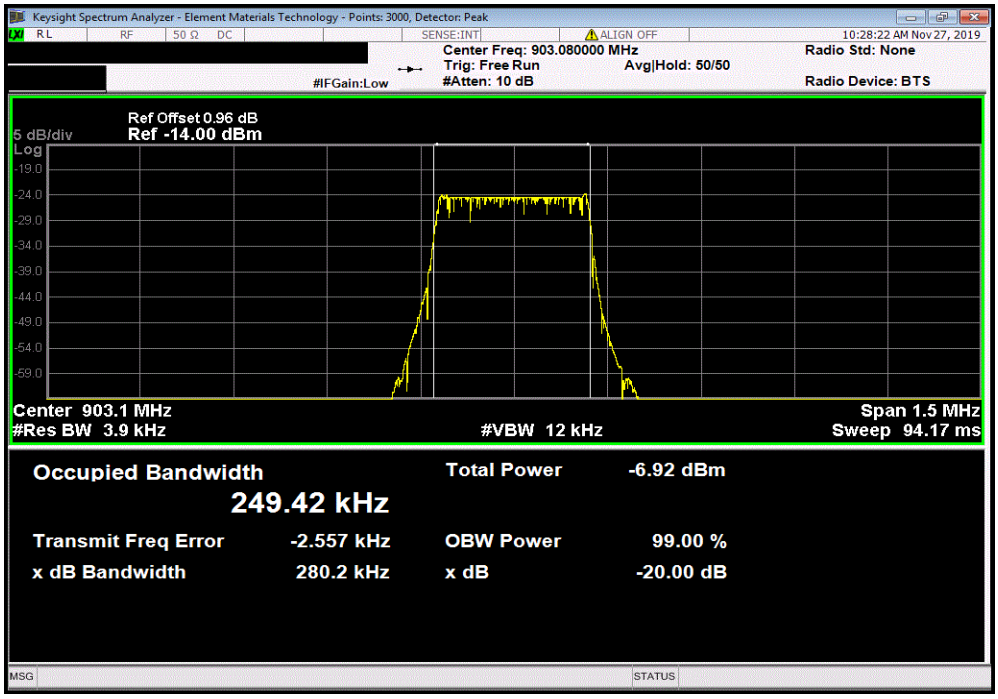
LoRa, 902-928 MHz, Low Channel, 903.04 MHz, 293 bps

				Value	Limit	Result
				55.015 kHz	< 2.2 MHz	Pass



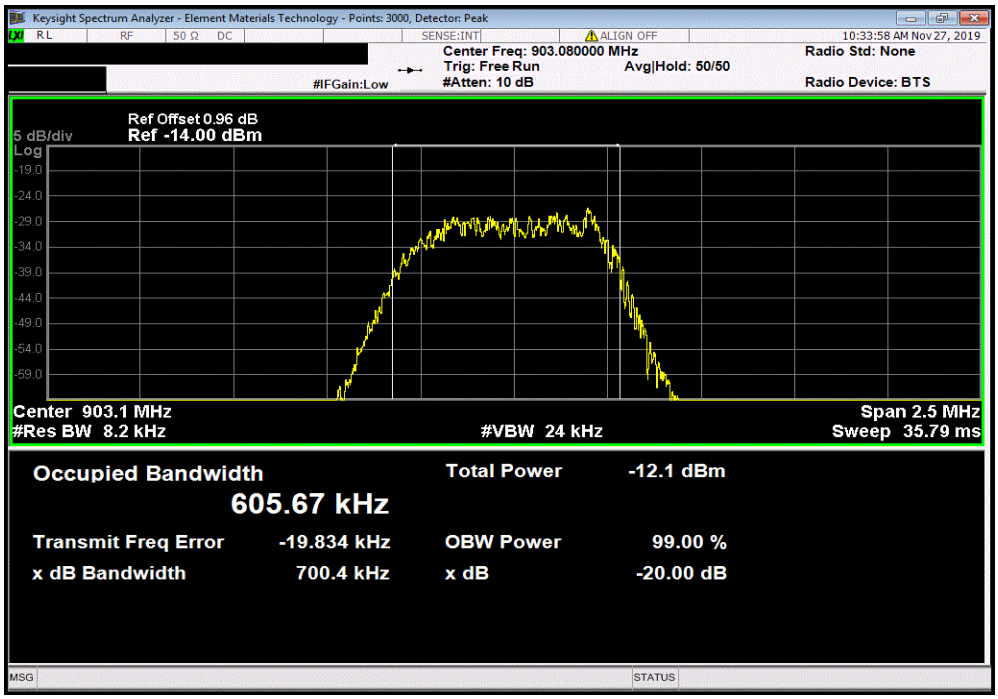
LoRa, 902-928 MHz, Low Channel, 903.04 MHz, 3516 bps

				Value	Limit	Result
				280.177 kHz	< 2.2 MHz	Pass



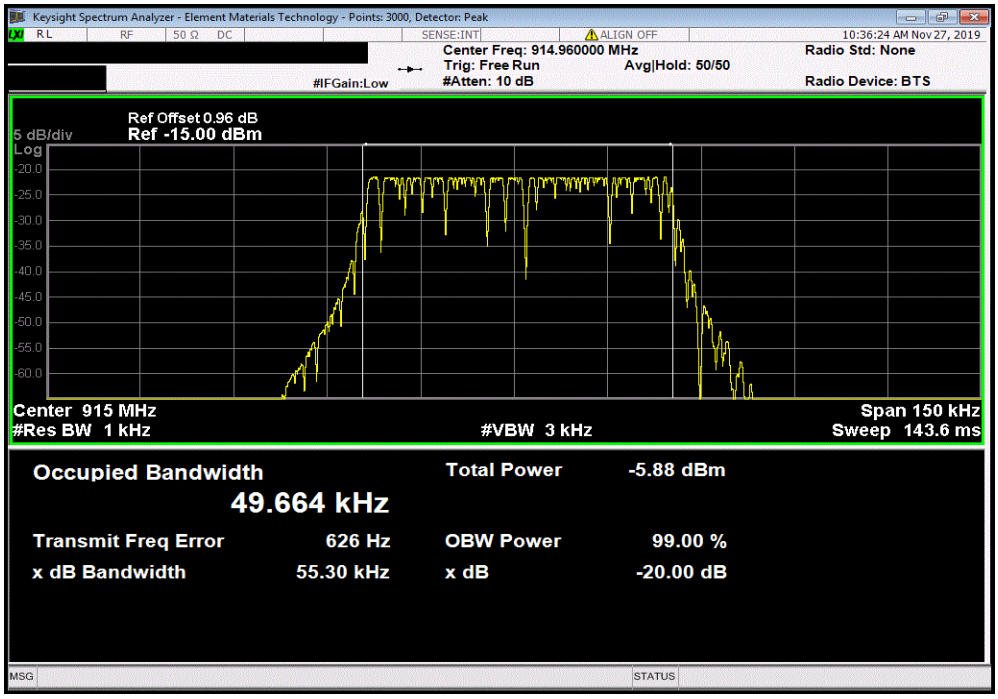
LoRa, 902-928 MHz, Low Channel, 903.04 MHz, 37500 bps

				Value	Limit	Result
				700.362 kHz	< 2.2 MHz	Pass

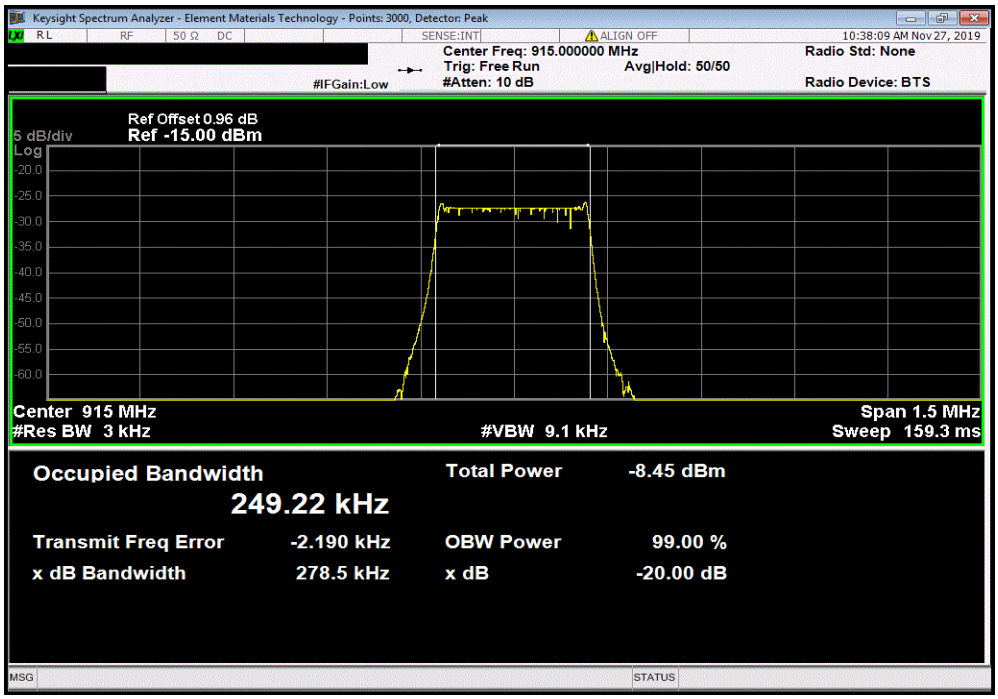


LoRa, 902-928 MHz, Mid Channel, 915 MHz, 293 bps

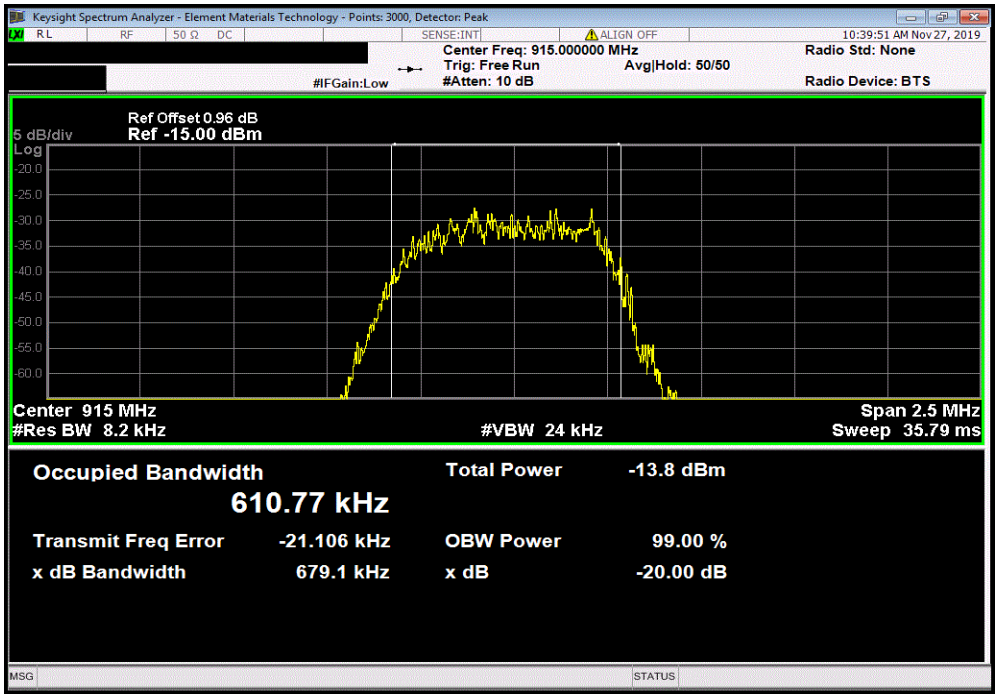
				Value	Limit	Result
				55.3 kHz	< 2.2 MHz	Pass



LoRa, 902-928 MHz, Mid Channel, 915 MHz, 3516 bps						
				Value	Limit	Result
				278.522 kHz	< 2.2 MHz	Pass

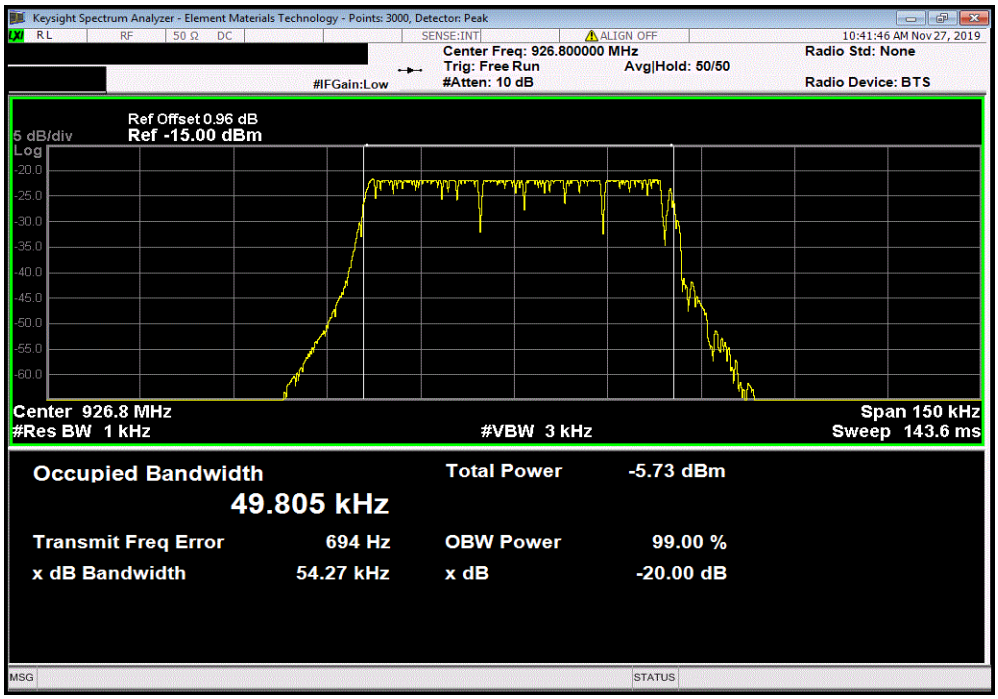


LoRa, 902-928 MHz, Mid Channel, 915 MHz, 37500 bps						
				Value	Limit	Result
				679.095 kHz	< 2.2 MHz	Pass



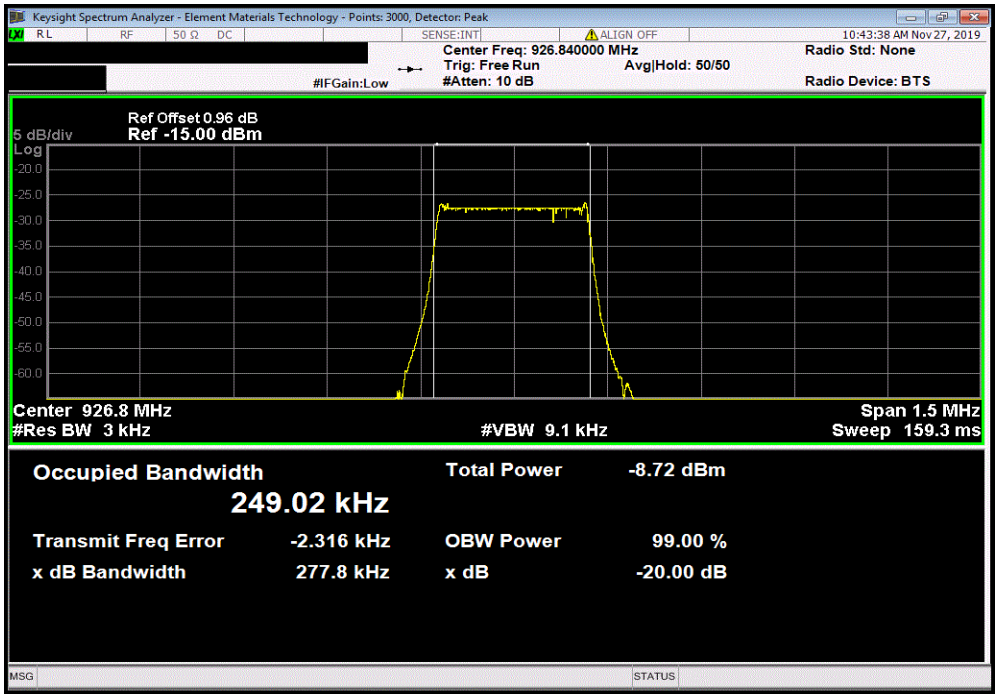
LoRa, 902-928 MHz, High Channel, 926.84 MHz, 293 bps

				Value	Limit	Result
				54.274 kHz	< 2.2 MHz	Pass



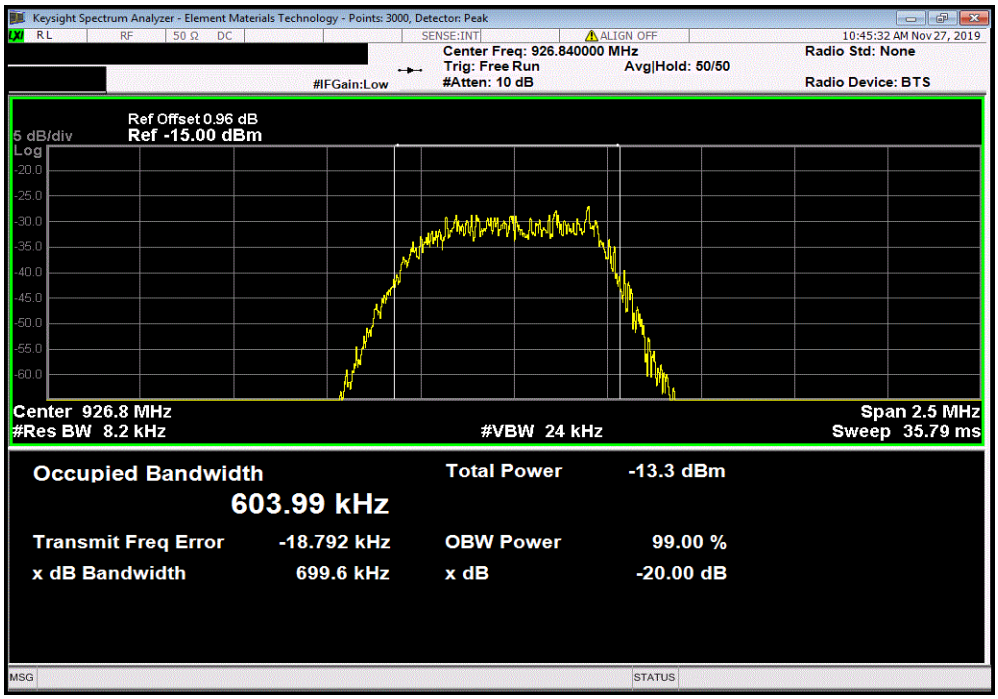
LoRa, 902-928 MHz, High Channel, 926.84 MHz, 3516 bps

				Value	Limit	Result
				277.763 kHz	< 2.2 MHz	Pass



OCCUPIED BANDWIDTH

LoRa, 902-928 MHz, High Channel, 926.84 MHz, 37500 bps						
				Value	Limit	Result
				699.609 kHz	< 2.2 MHz	Pass



< 2.2 MHz Pass

SPURIOUS CONDUCTED EMISSIONS

XMit 2019.09.05

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5173B	TIW	5-Jul-17	5-Jul-20
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	15-Sep-19	15-Sep-20
Block - DC	Fairview Microwave	SD3379	AMI	6-Aug-19	6-Aug-20
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFN	1-May-19	1-May-20

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions were measured with the EUT set to low, medium and high transmit frequencies. The EUT was transmitting at the data rate(s) listed in the datasheet. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

SPURIOUS CONDUCTED EMISSIONS

element

TbtTx 2019.08.30.0 XMit 2019.09.05

EUT:	**Beacon**			**Work Order:**	**SMNC0001**
Serial Number:	**Unit 1**			**Date:**	**26-Nov-19**
Customer:	**SMRTGrid Inc.**			**Temperature:**	**23.2 °C**
Attendees:	**Bill Haag**			**Humidity:**	**28.9% RH**
Project:	**None**			**Barometric Pres.:**	**1013 mbar**
Tested by:	**Dustin Sparks**	**Power:**	**Battery**	**Job Site:**	**MN08**

TEST SPECIFICATIONS	**Test Method**
FCC 15.247:2019	ANSI C63.10:2013

COMMENTS

DC block, measurement cable, and customer U.FL to SMA cable included in reference level offset. No external attenuator required due to low output power.

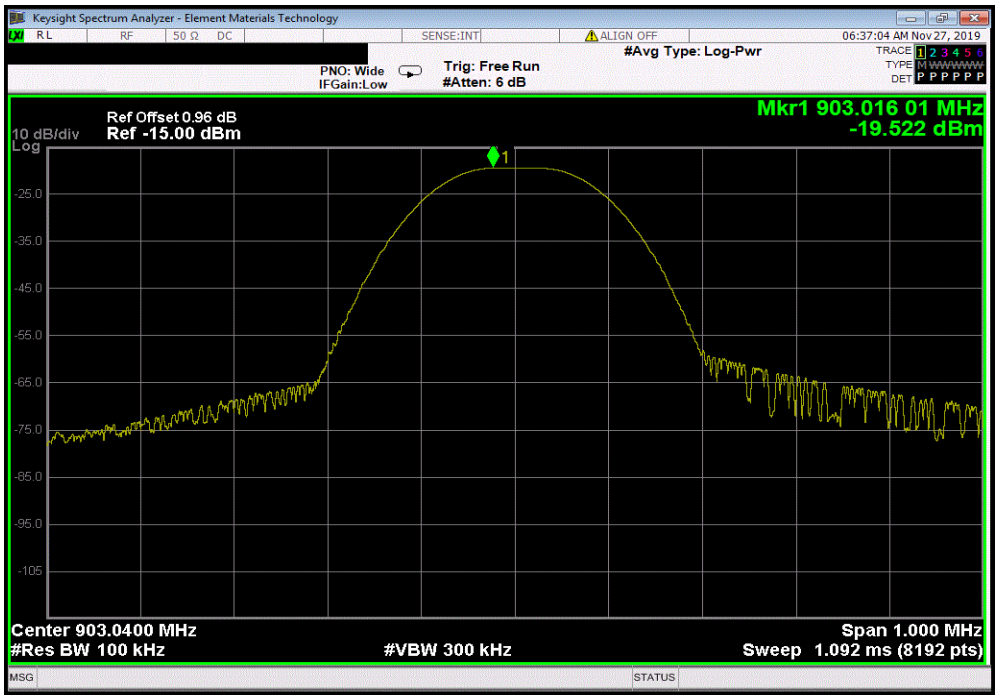
DEVIATIONS FROM TEST STANDARD

None

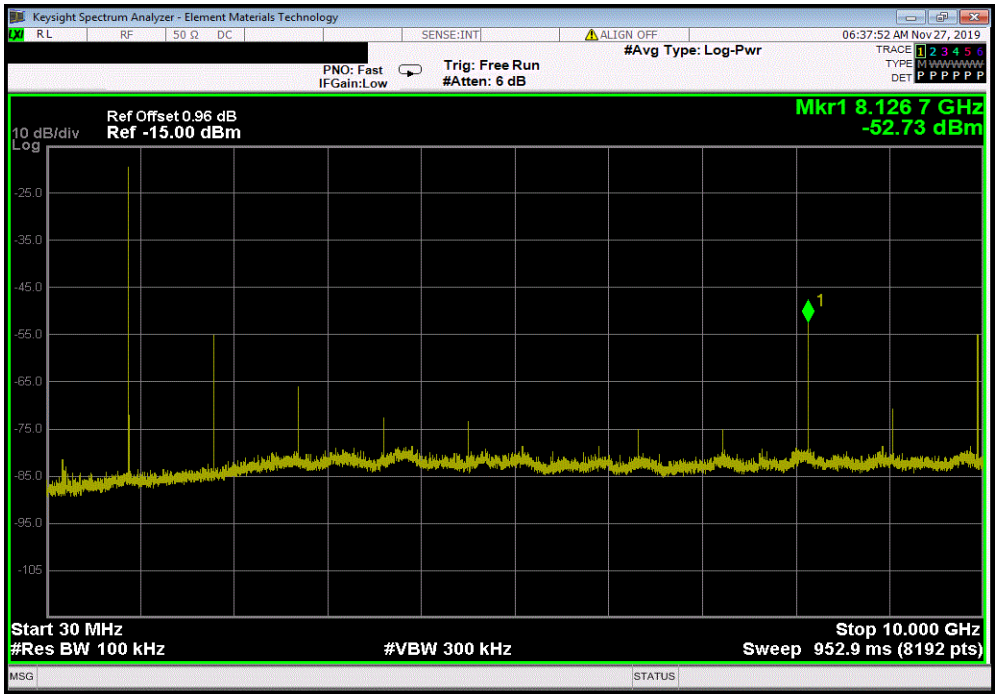
Configuration #	**4**	*Signature* Dustin Sparks

		Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
LoRa, 902-928 MHz						
	Low Channel, 903.08 MHz					
	293 bps	Fundamental	903.02	N/A	N/A	N/A
	293 bps	30 MHz - 10 GHz	8126.75	-33.21	-20	Pass
	3516 bps	Fundamental	902.96	N/A	N/A	N/A
	3516 bps	30 MHz - 10 GHz	8126.75	-33.03	-20	Pass
	37500 bps	Fundamental	903.06	N/A	N/A	N/A
	37500 bps	30 MHz - 10 GHz	8126.75	-33.21	-20	Pass
	Mid Channel, 915 MHz					
	293 bps	Fundamental	914.94	N/A	N/A	N/A
	293 bps	30 MHz - 10 GHz	8235.08	-32.52	-20	Pass
	3516 bps	Fundamental	914.88	N/A	N/A	N/A
	3516 bps	30 MHz - 10 GHz	8235.08	-32.37	-20	Pass
	37500 bps	Fundamental	914.94	N/A	N/A	N/A
	37500 bps	30 MHz - 10 GHz	8236.29	-33.55	-20	Pass
	High Channel, 926.84 MHz					
	293 bps	Fundamental	926.82	N/A	N/A	N/A
	293 bps	30 MHz - 10 GHz	1853.35	-35.19	-20	Pass
	3516 bps	Fundamental	926.84	N/A	N/A	N/A
	3516 bps	30 MHz - 10 GHz	1853.35	-35.01	-20	Pass
	37500 bps	Fundamental	926.78	N/A	N/A	N/A
	37500 bps	30 MHz - 10 GHz	1853.35	-34.61	-20	Pass

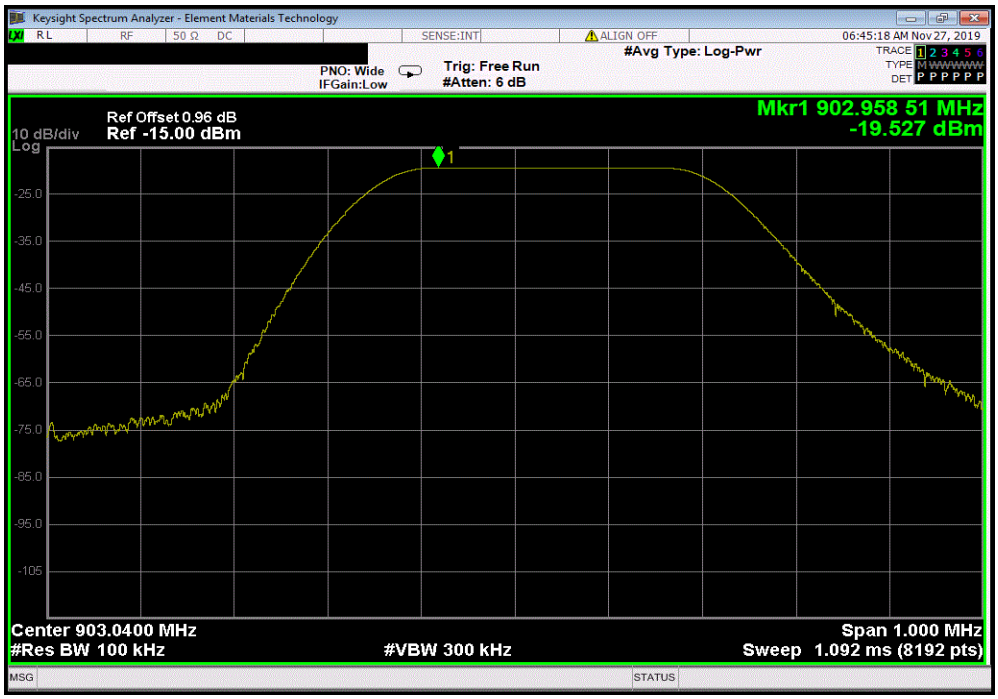
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 293 bps					
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
	Fundamental	903.02	N/A	N/A	N/A



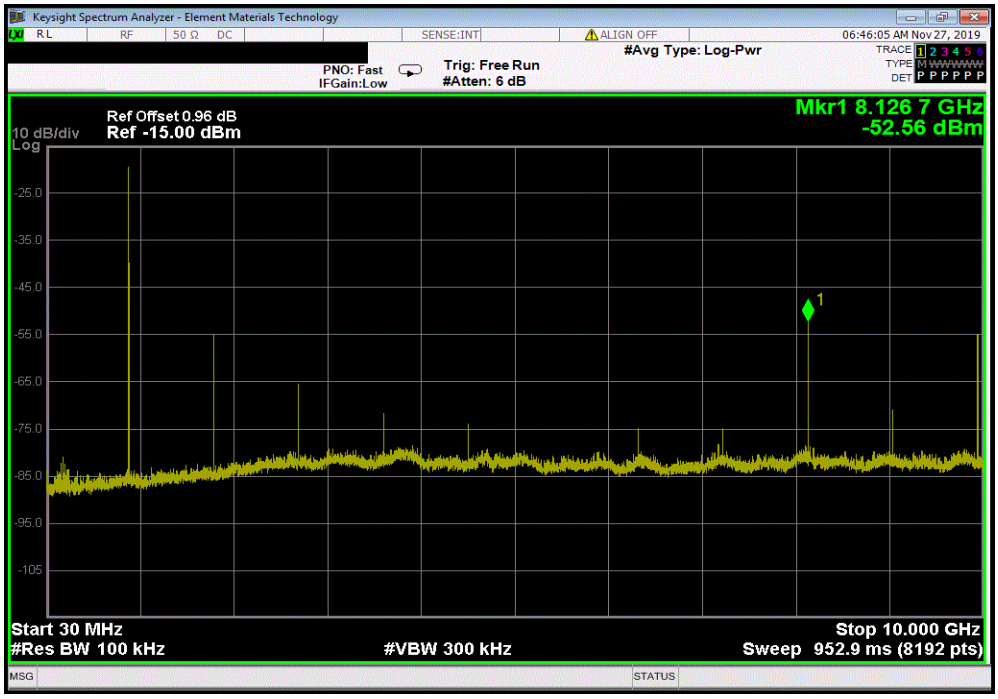
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 293 bps				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	8126.75	-33.21	-20	Pass



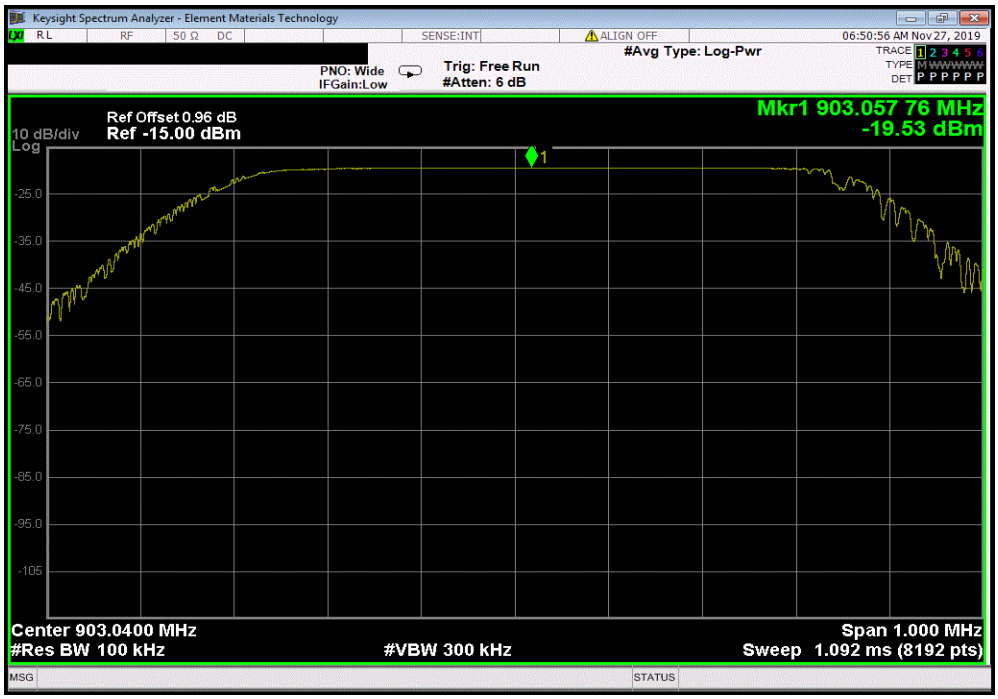
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 293 bps					
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
	Fundamental	902.96	N/A	N/A	N/A



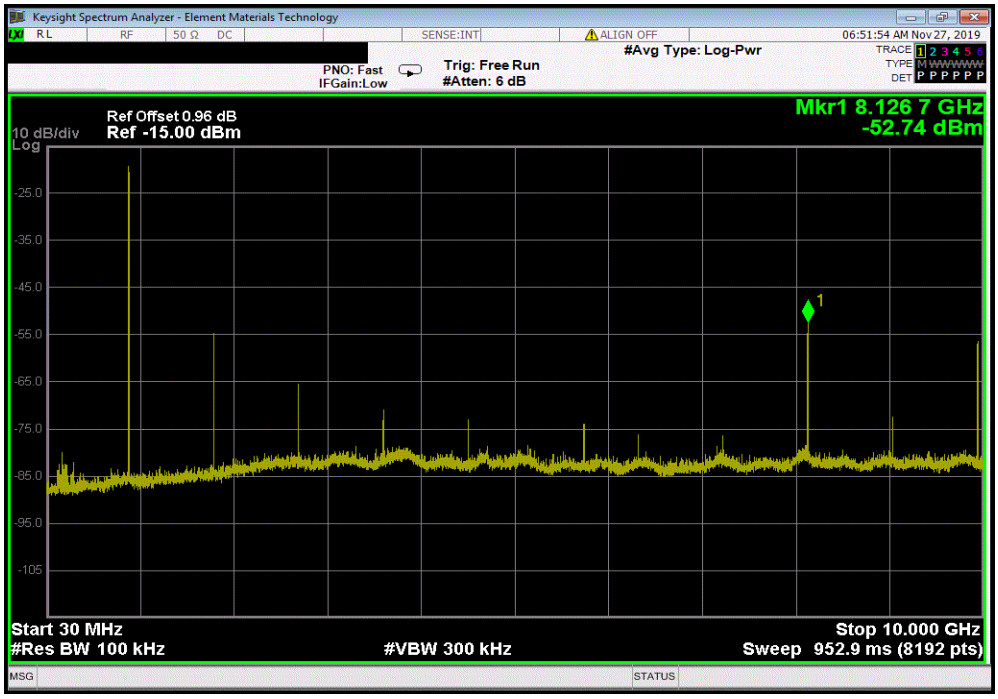
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 293 bps				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	8126.75	-33.03	-20	Pass



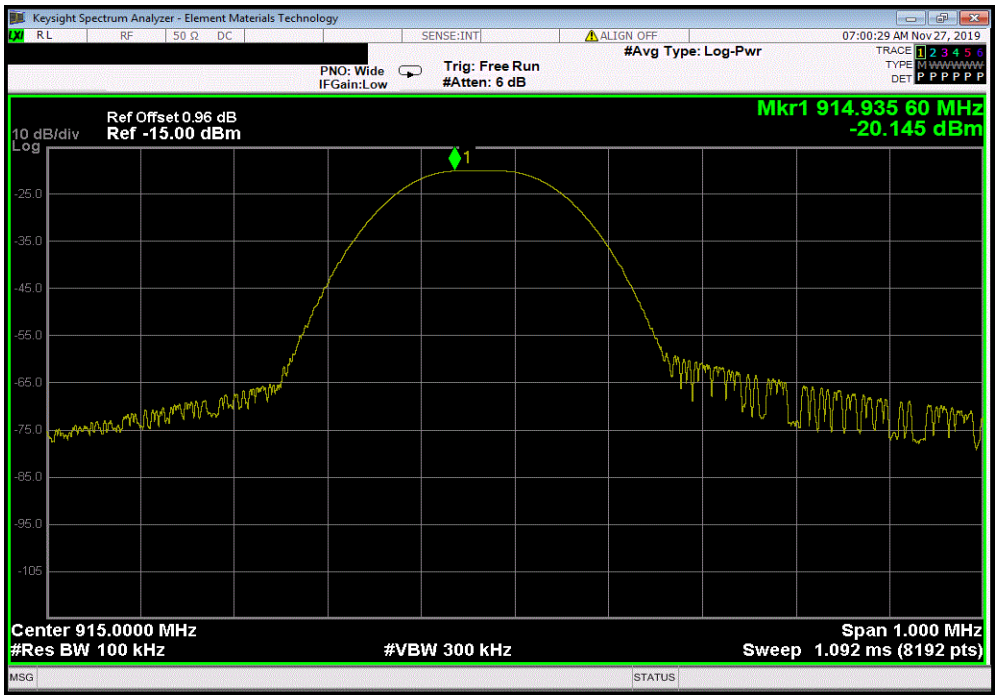
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 293 bps					
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
	Fundamental	903.06	N/A	N/A	N/A



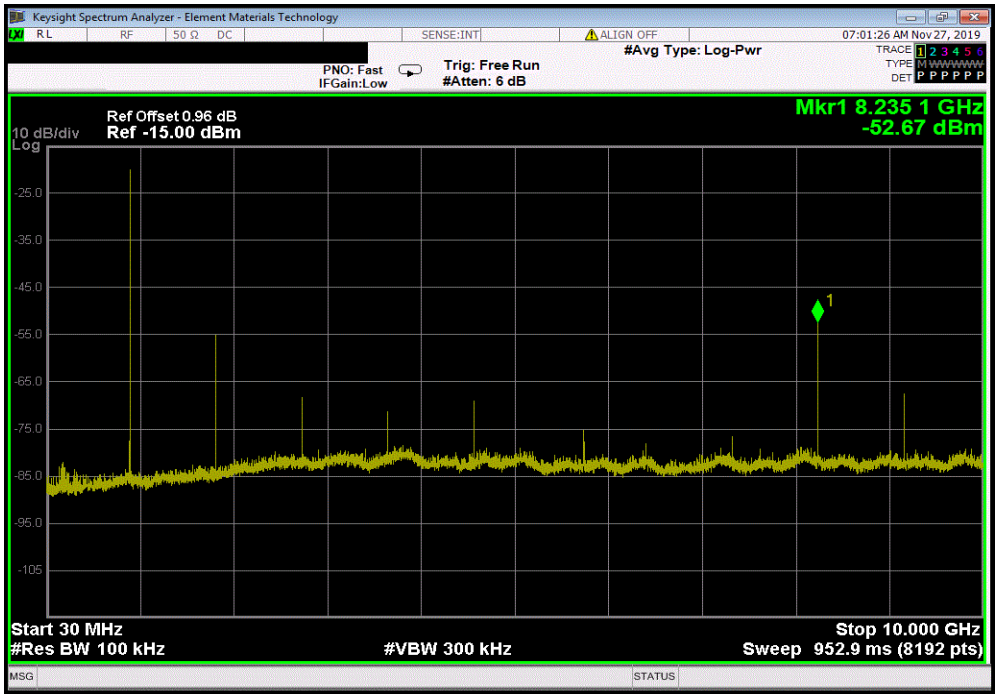
LoRa, 902-928 MHz, Low Channel, 903.08 MHz, 293 bps				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	8126.75	-33.21	-20	Pass



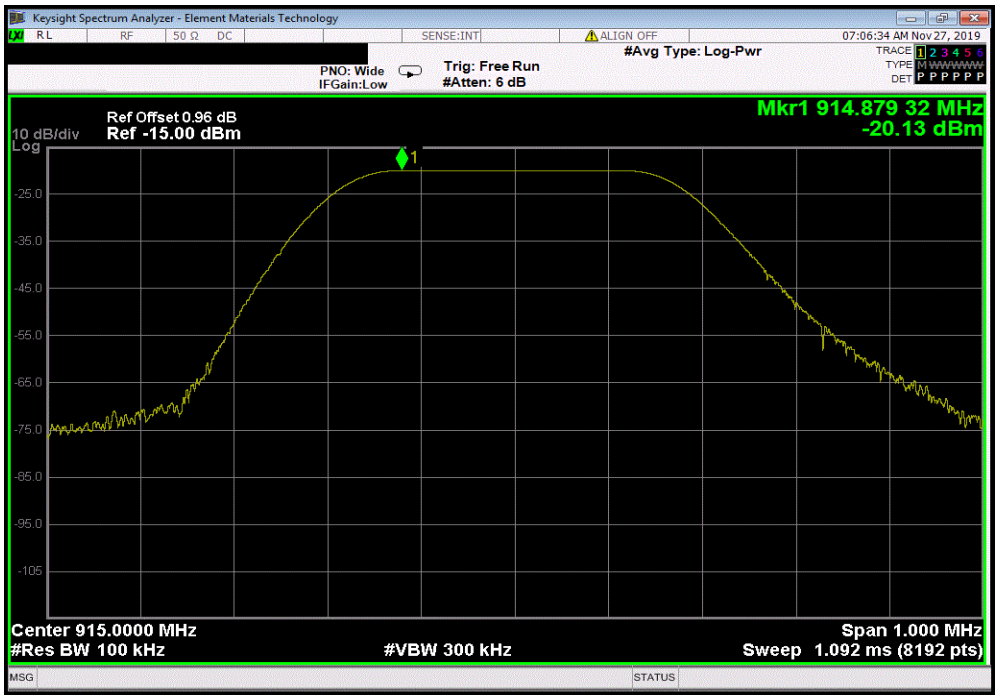
LoRa, 902-928 MHz, Mid Channel, 915 MHz, 293 bps						
	Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
	Fundamental		914.94	N/A	N/A	N/A



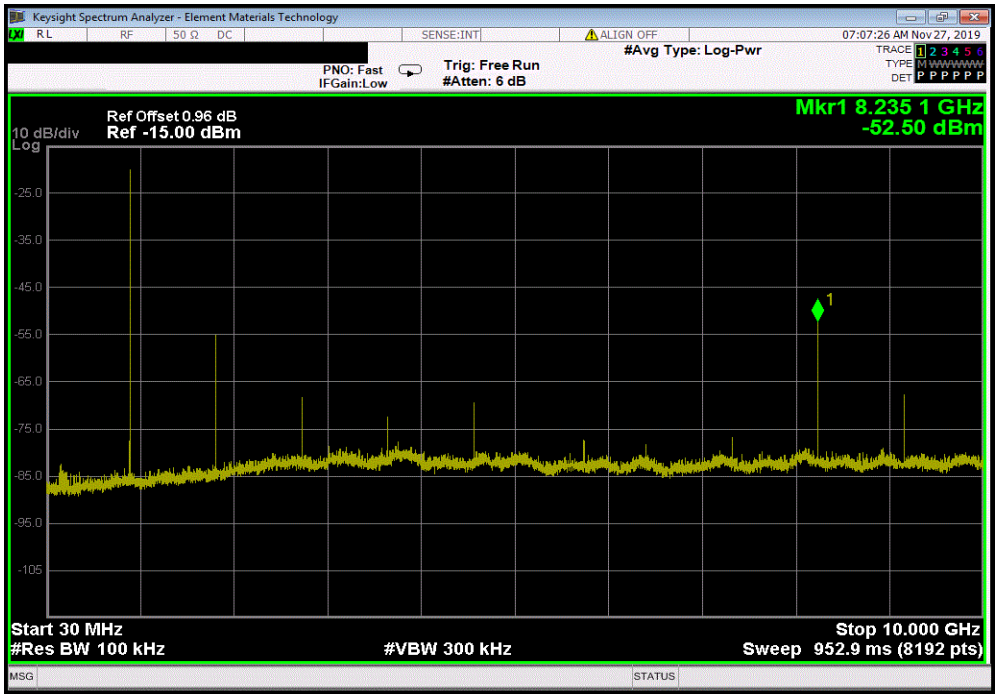
LoRa, 902-928 MHz, Mid Channel, 915 MHz, 293 bps					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	8235.08	-32.52	-20	Pass



LoRa, 902-928 MHz, Mid Channel, 915 MHz, 3516 bps					
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
	Fundamental	914.88	N/A	N/A	N/A

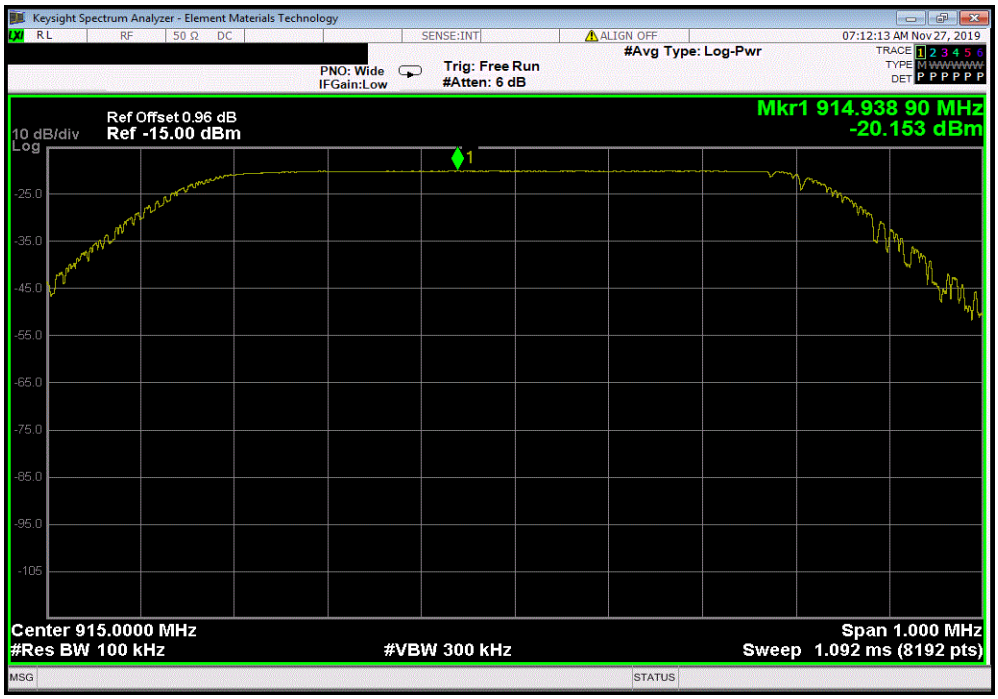


LoRa, 902-928 MHz, Mid Channel, 915 MHz, 3516 bps				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	8235.08	-32.37	-20	Pass



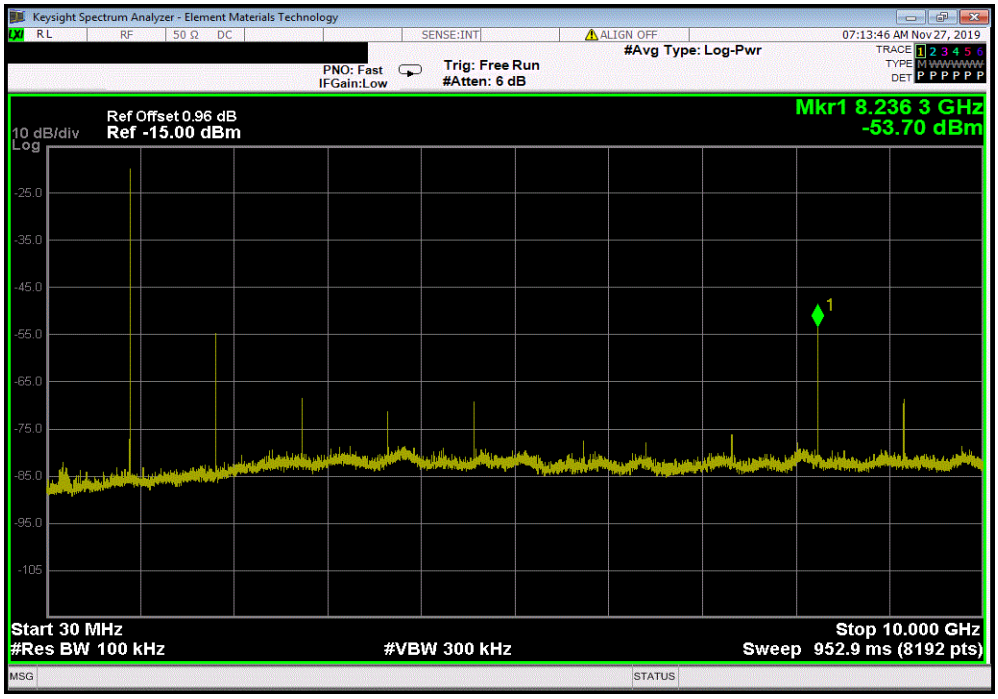
LoRa, 902-928 MHz, Mid Channel, 915 MHz, 37500 bps

Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
Fundamental		914.94	N/A	N/A	N/A

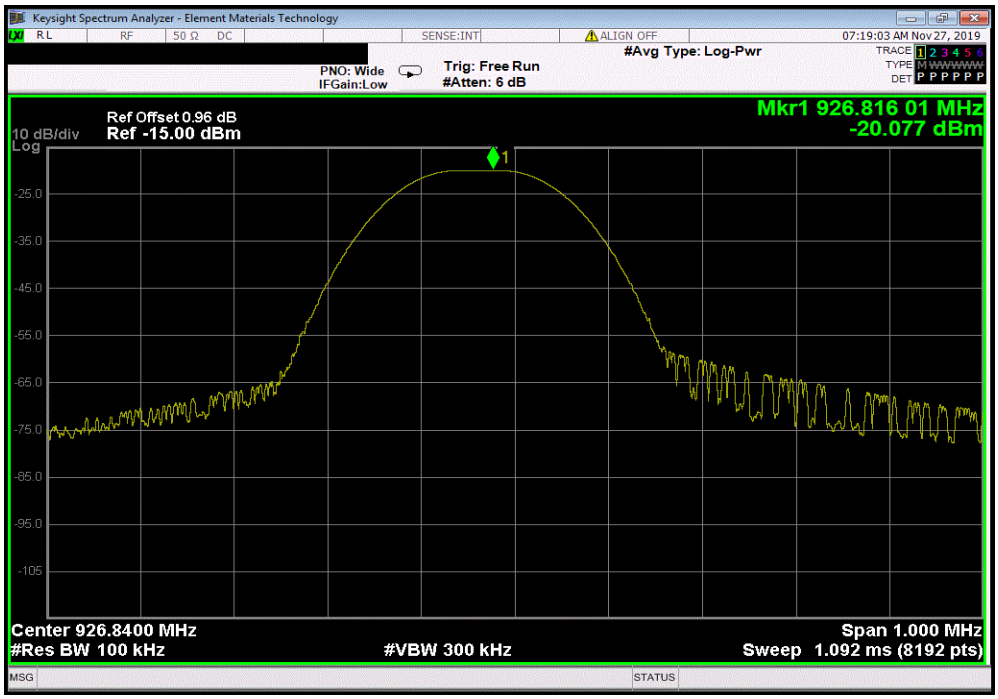


LoRa, 902-928 MHz, Mid Channel, 915 MHz, 37500 bps

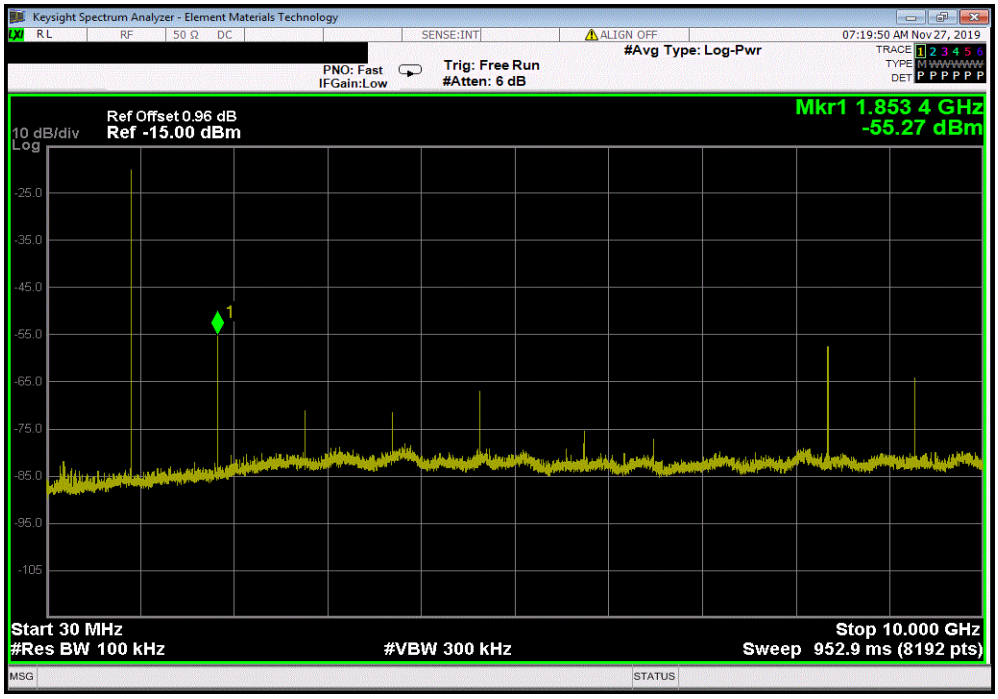
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	8236.29	-33.55	-20	Pass



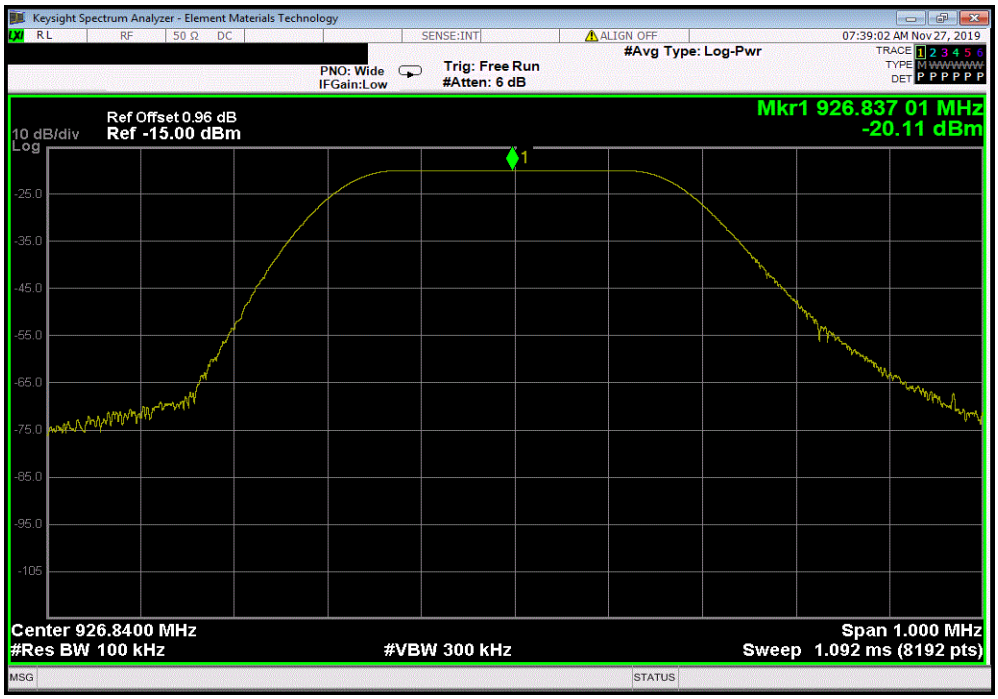
LoRa, 902-928 MHz, High Channel, 926.84 MHz, 293 bps					
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
	Fundamental	926.82	N/A	N/A	N/A



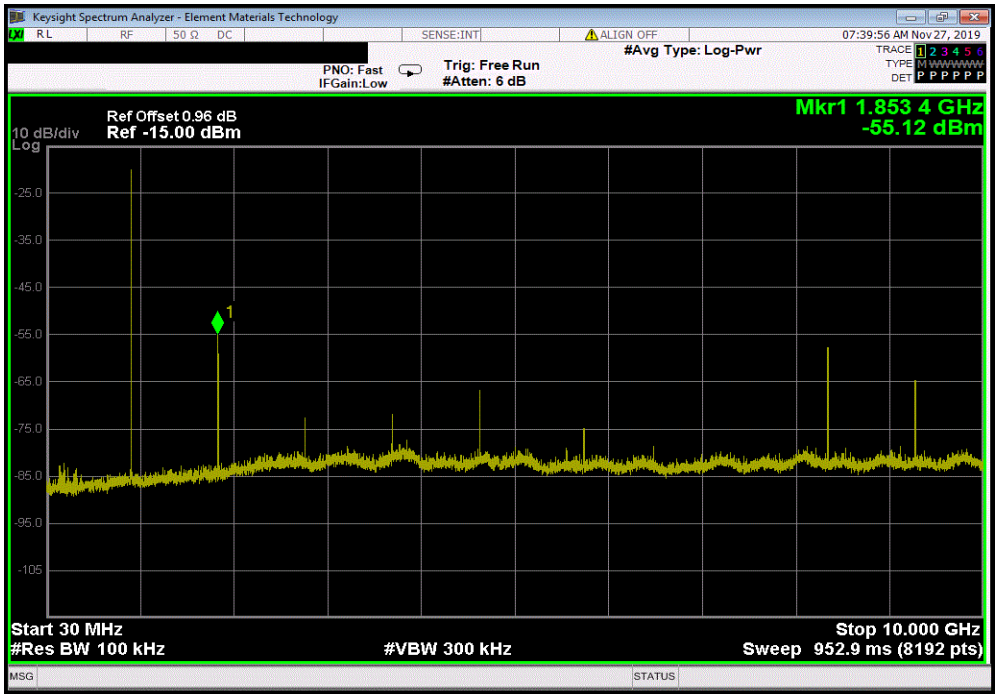
LoRa, 902-928 MHz, High Channel, 926.84 MHz, 293 bps				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	1853.35	-35.19	-20	Pass



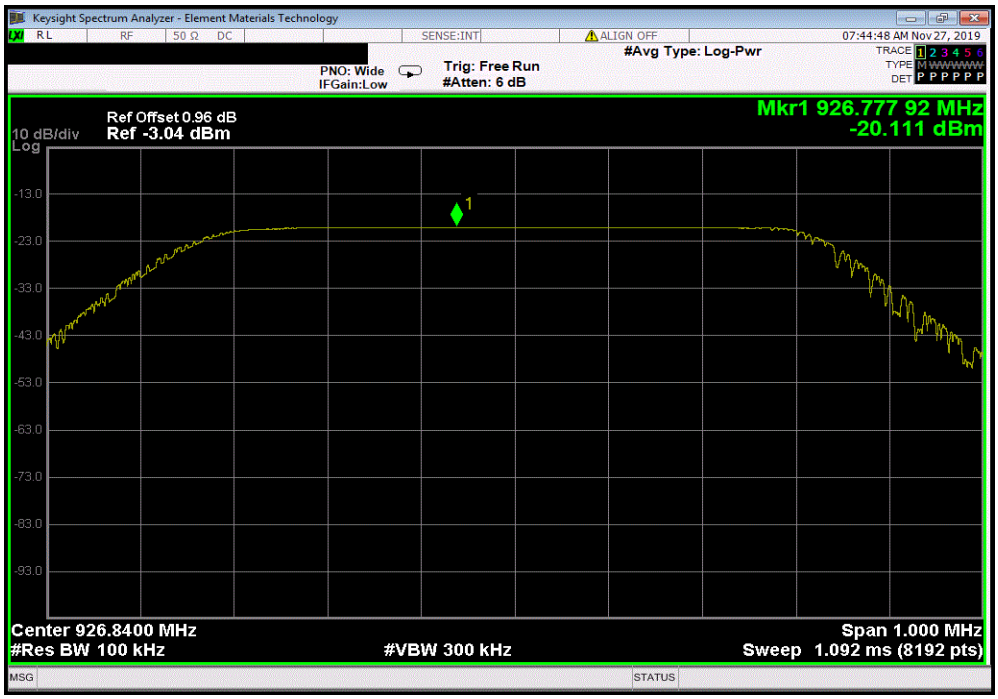
LoRa, 902-928 MHz, High Channel, 926.84 MHz, 3516 bps					
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
	Fundamental	926.84	N/A	N/A	N/A



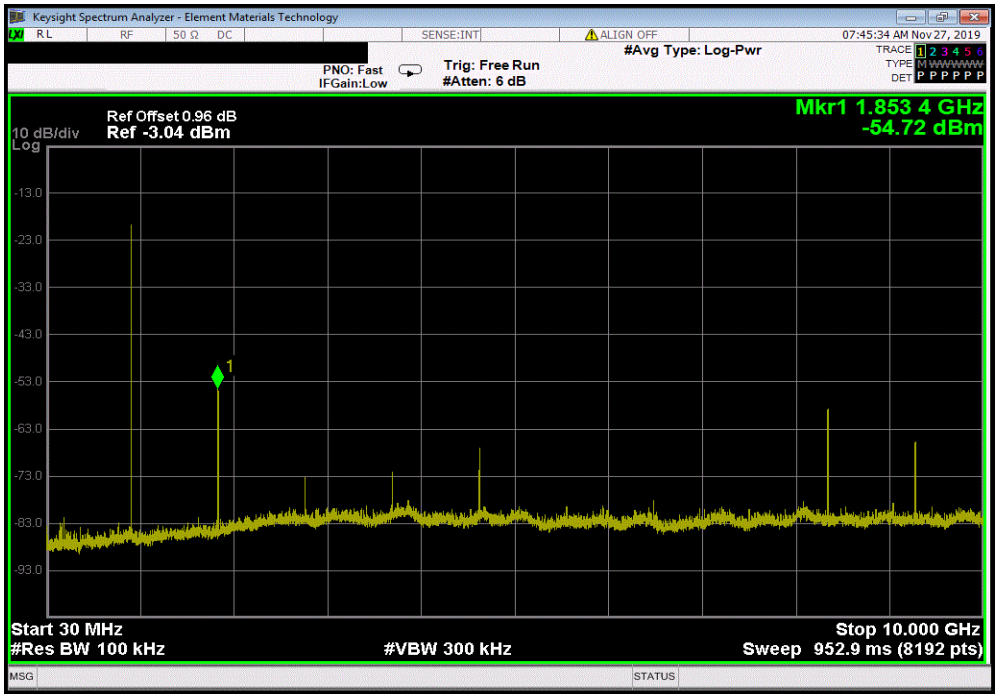
LoRa, 902-928 MHz, High Channel, 926.84 MHz, 3516 bps				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	1853.35	-35.01	-20	Pass



LoRa, 902-928 MHz, High Channel, 926.84 MHz, 37500 bps					
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
	Fundamental	926.78	N/A	N/A	N/A



LoRa, 902-928 MHz, High Channel, 926.84 MHz, 37500 bps				
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 10 GHz	1853.35	-34.61	-20	Pass



POWER SPECTRAL DENSITY

XMit 2019.09.05

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5173B	TIW	5-Jul-17	5-Jul-20
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	15-Sep-19	15-Sep-20
Block - DC	Fairview Microwave	SD3379	AMI	6-Aug-19	6-Aug-20
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFN	1-May-19	1-May-20

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The maximum power spectral density measurements was measured using the channels and modes as called out on the following data sheets.

Per the procedure outlined in ANSI C63.10 the peak power spectral density was measured in a 3 kHz RBW.

POWER SPECTRAL DENSITY

element

TbtTx 2019.08.30.0 XMit 2019.09.05

EUT:	**Beacon**			**Work Order:**	**SMNC0001**
Serial Number:	**Unit 1**			**Date:**	**26-Nov-19**
Customer:	**SMRTGrid Inc.**			**Temperature:**	**23.2 °C**
Attendees:	**Bill Haag**			**Humidity:**	**28.9% RH**
Project:	**None**			**Barometric Pres.:**	**1013 mbar**
Tested by:	**Dustin Sparks**	**Power:**	**Battery**	**Job Site:**	**MN08**

TEST SPECIFICATIONS	**Test Method**
FCC 15.247:2019	ANSI C63.10:2013

COMMENTS

DC block, measurement cable, and customer U.FL to SMA cable included in reference level offset. No external attenuator required due to low output power.

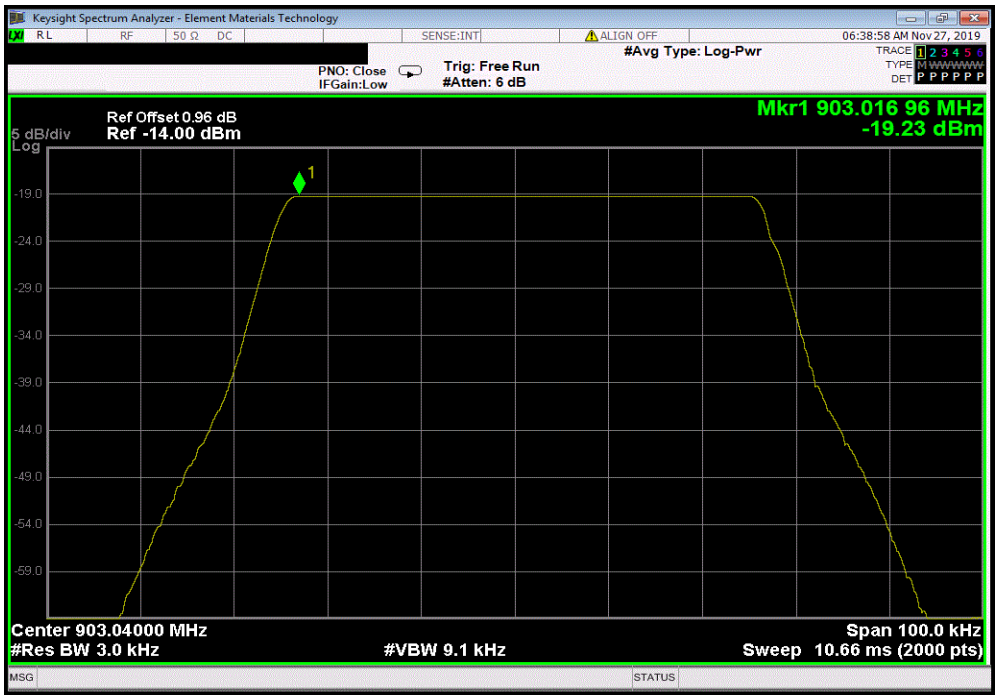
DEVIATIONS FROM TEST STANDARD

None

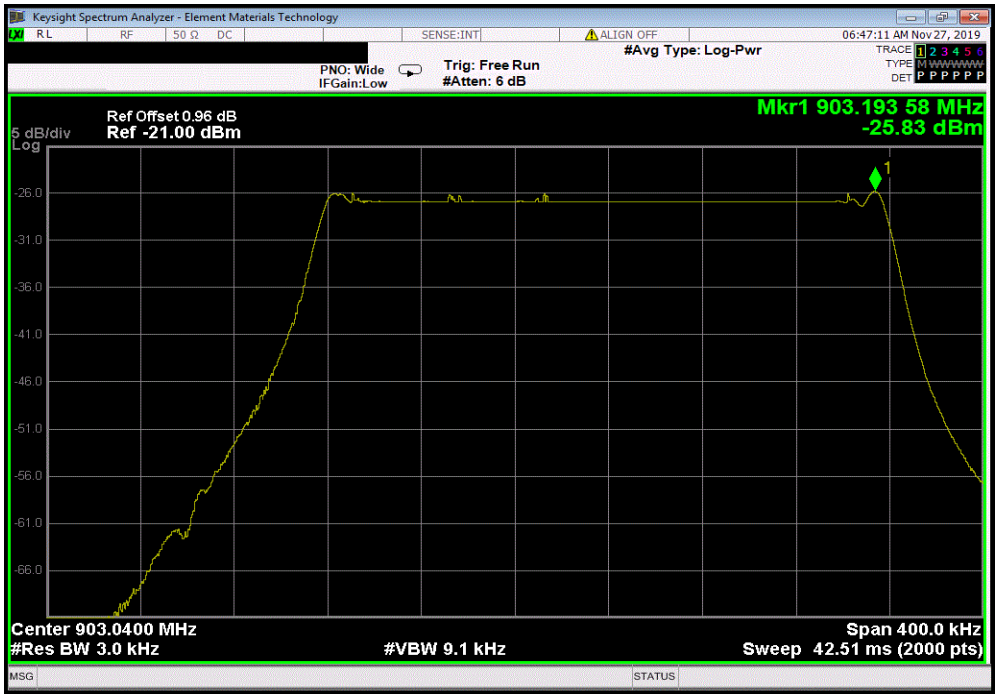
Configuration #	**4**	*Signature* Dustin Sparks

		Value dBm/3kHz	**Limit < dBm/3kHz**	**Results**
LoRa, 902-928 MHz				
	Low Channel, 903.04 MHz			
	293 bps	-19.227	8	Pass
	3516 bps	-25.828	8	Pass
	37500 bps	-32.702	8	Pass
	Mid Channel, 915 MHz			
	293 bps	-19.848	8	Pass
	3516 bps	-26.413	8	Pass
	37500 bps	-33.287	8	Pass
	High Channel, 926.84 MHz			
	293 bps	-19.791	8	Pass
	3516 bps	-26.38	8	Pass
	37500 bps	-33.339	8	Pass

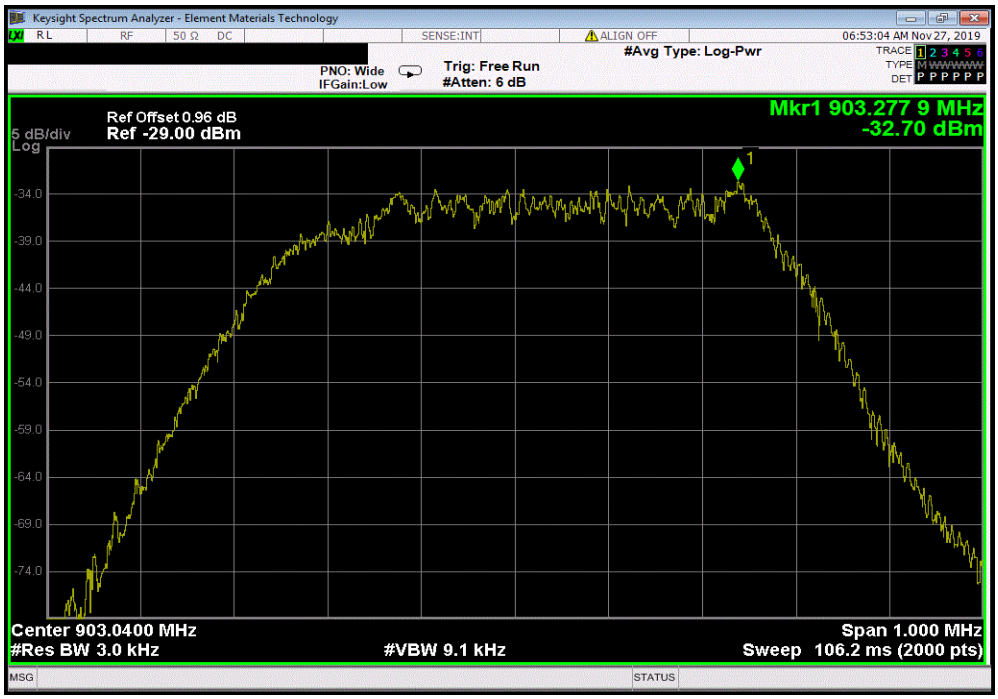
LoRa, 902-928 MHz, Low Channel, 903.04 MHz, 293 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-19.227	8	Pass



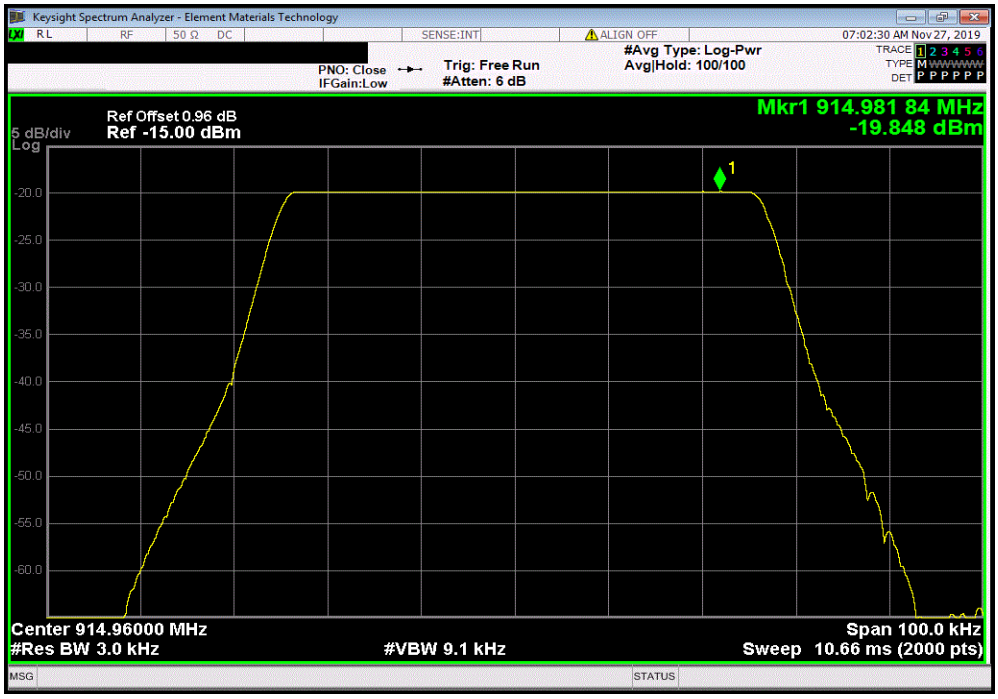
LoRa, 902-928 MHz, Low Channel, 903.04 MHz, 3516 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-25.828	8	Pass



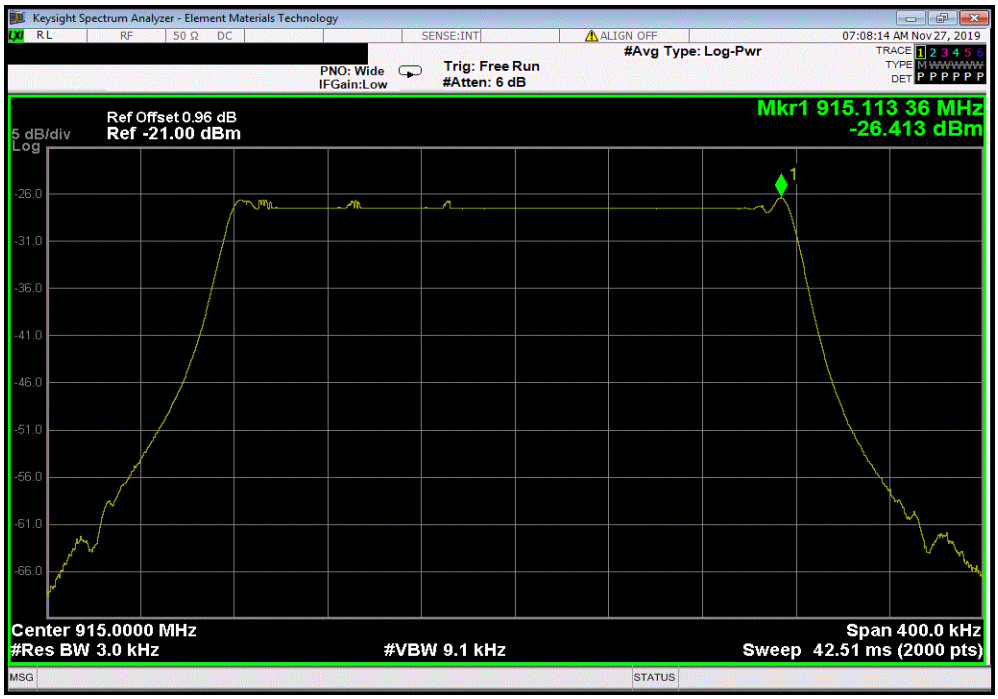
LoRa, 902-928 MHz, Low Channel, 903.04 MHz, 37500 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-32.702	8	Pass



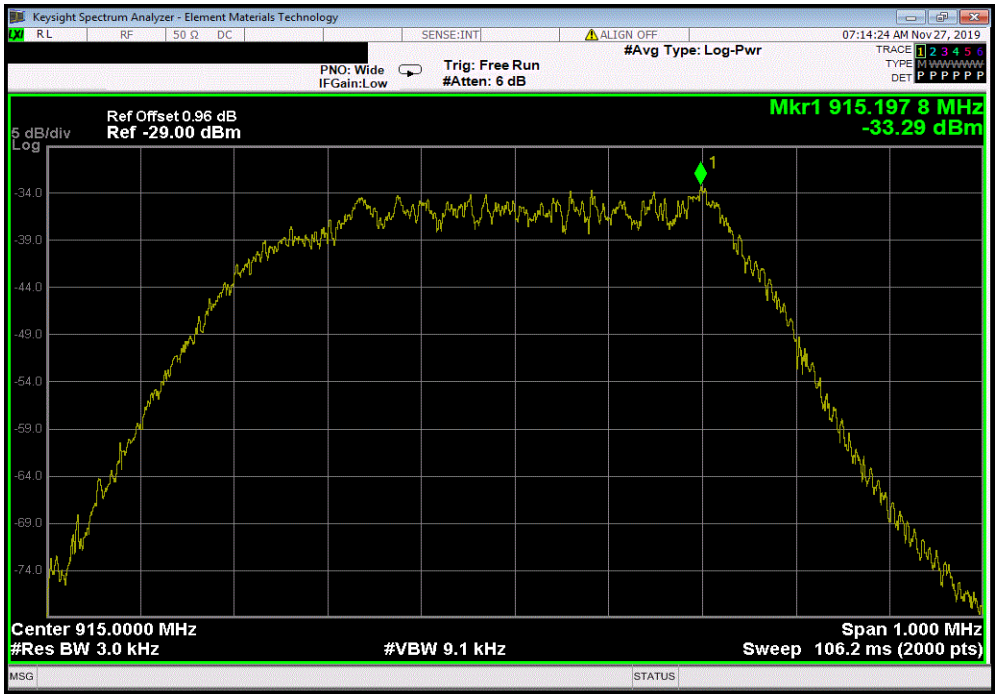
LoRa, 902-928 MHz, Mid Channel, 915 MHz, 293 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-19.848	8	Pass



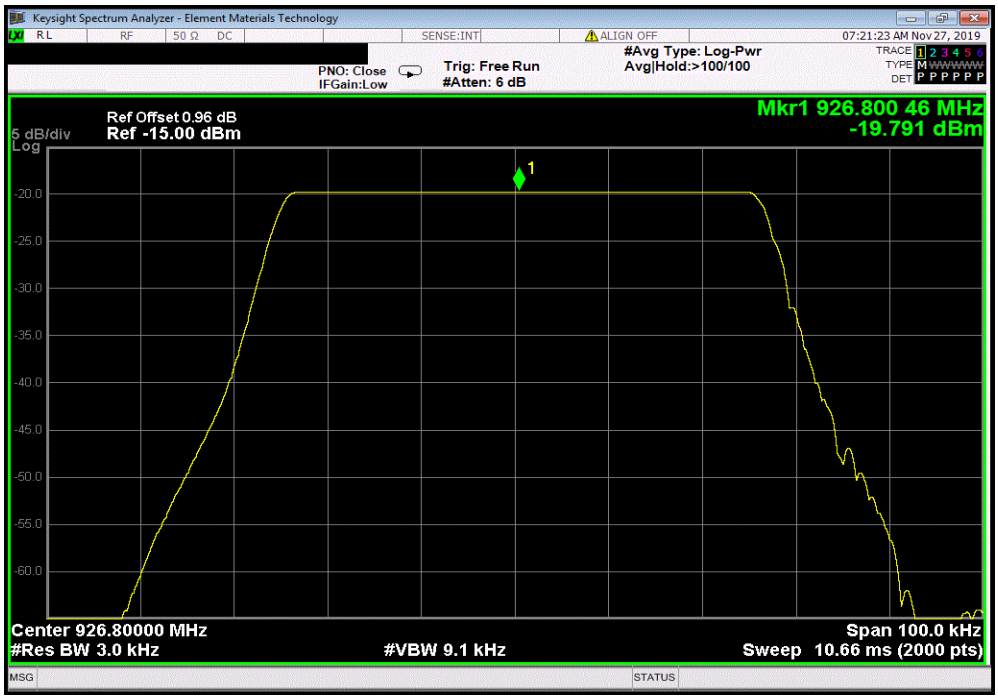
LoRa, 902-928 MHz, Mid Channel, 915 MHz, 3516 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-26.413	8	Pass



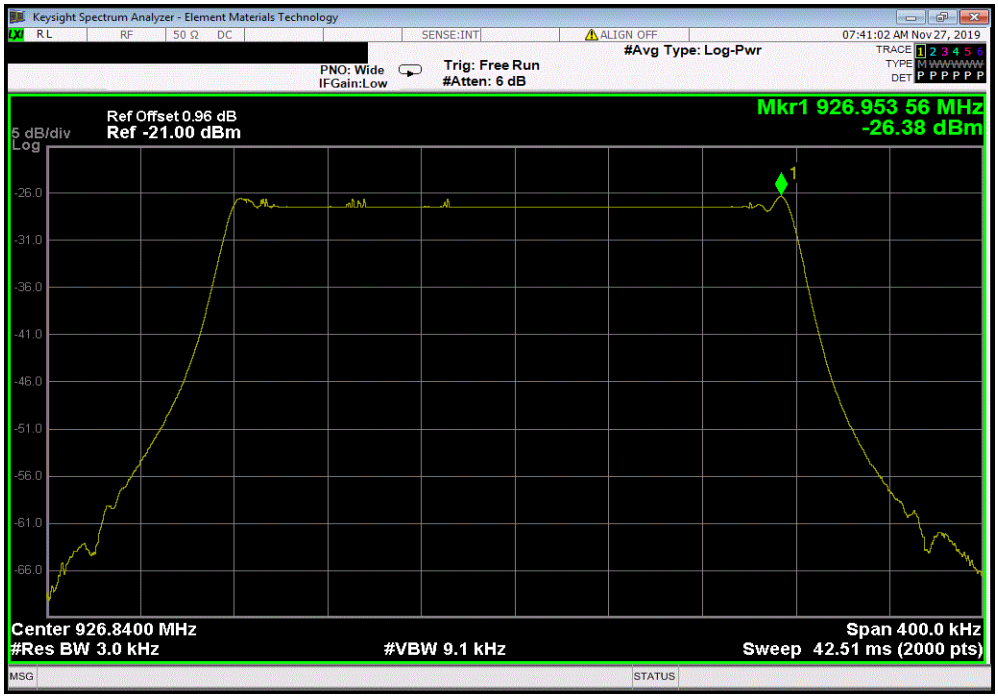
LoRa, 902-928 MHz, Mid Channel, 915 MHz, 37500 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-33.287	8	Pass



LoRa, 902-928 MHz, High Channel, 926.84 MHz, 293 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-19.791	8	Pass



LoRa, 902-928 MHz, High Channel, 926.84 MHz, 3516 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-26.38	8	Pass



POWER SPECTRAL DENSITY

TbtTx 2019.08.30.0 XMit 2019.09.05

LoRa, 902-928 MHz, High Channel, 926.84 MHz, 37500 bps						
				Value dBm/3kHz	Limit < dBm/3kHz	Results
				-33.339	8	Pass