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	Keysight	N5171B-506	TEW	2-May-18	2-May-21
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFM	19-Mar-19	19-Mar-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 bands were measured with the EUT set to low and high transmit frequencies in the available band. The channels closest to the band edges were selected. The EUT was transmitting at the data rate(s) listed in the datasheet. For Multiband operation, measurements were taken at the lower band edge of the lower band and the upper band edge of the upper band.

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

All limits were adjusted by a factor of [-10*log((N)] to account for the device operation as a N port MIMO transmitter, as per FCC KDB 622911.

For Bands 12 and 14, the adjustment factor is -10*log(4) = -6 dB. The Bands 12 and 14 adjusted limit is -19 dBm.
For Band 29, the adjustment factor is -10*log(2) = -3 dB. The Band 29 adjusted limit is -16 dBm.

For Band 14 band edge measurements from 769MHz-775MHz and 799MHz-807MHz, reference level offset corrections were applied to the spectrum analyzer, according to the following table:

Frequency (MHz)	769	769.05	769.1	769.15	769.2	769.25	769.3	769.35	769.4
Correction Factor (dB)	50.1	49.2	48.4	47.8	47.3	46.9	46.5	46.2	45.9

Frequency (MHz)	769.45	769.5	769.55	769.6	769.65	769.7	769.75	769.8	769.85
Correction Factor (dB)	45.7	45.4	45.2	45.1	44.9	44.7	44.6	44.5	44.4

Frequency (MHz)	769.9	769.95	770	770.5	771	775	776	798	805
Correction Factor (dB)	44.3	4.2	44.1	43.3	42.9	41.9	41.8	41.1	41.1

Per section 90.543(e)(3), the power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm. The limit is adjusted to -19 dBm [-13 dBm -10 log (4)] per FCC KDB 662911D01 v02r01 because the RRH may operate as a 4 port MIMO transmitter for Band 14.

FCC 90.543(e)(5) requires a >100 kHz measurement bandwidth for emissions 100 kHz outside of the RRH operating frequency range. FCC 90.543(e)(5) requires a >30 kHz measurement bandwidth for emissions between 100 kHz outside of the RRH operating frequency range and band edge of the operating frequency range.

FCC 90.543(e)(1) requires an emission limit of -46dBm for any 6.25 kHz bandwidth between frequency bands 769-775 MHz and 799-805 MHz. The limit is adjusted to -52 dBm per 6.25kHz bandwidth [-46 dBm -10 log (4)] per FCC KDB 662911D01 v02r01 because the BTS may operate as a 4 port MIMO transmitter.

BAND EDGE COMPLIANCE

element

XMit 2019.09.05

EUT:	**AHLBBA RRH**			**Work Order:**	**NOKI0004**
Serial Number:	**K9193514835**			**Date:**	**18-Nov-19**
Customer:	**Nokia Solutions and Networks**			**Temperature:**	**22.7 °C**
Attendees:	**John Rattanavong**			**Humidity:**	**29.9% RH**
Project:	**None**			**Barometric Pres.:**	**1019 mbar**
Tested by:	**Jonathan Kiefer**	**Power:**	**54VDC**	**Job Site:**	**TX09**

TEST SPECIFICATIONS	**Test Method**
FCC 90I:2019	ANSI C63.26:2015

COMMENTS

Band 14 band edge measurements. Tested on highest power antenna port (Port 2). EUT is operated at 100% duty cycle.

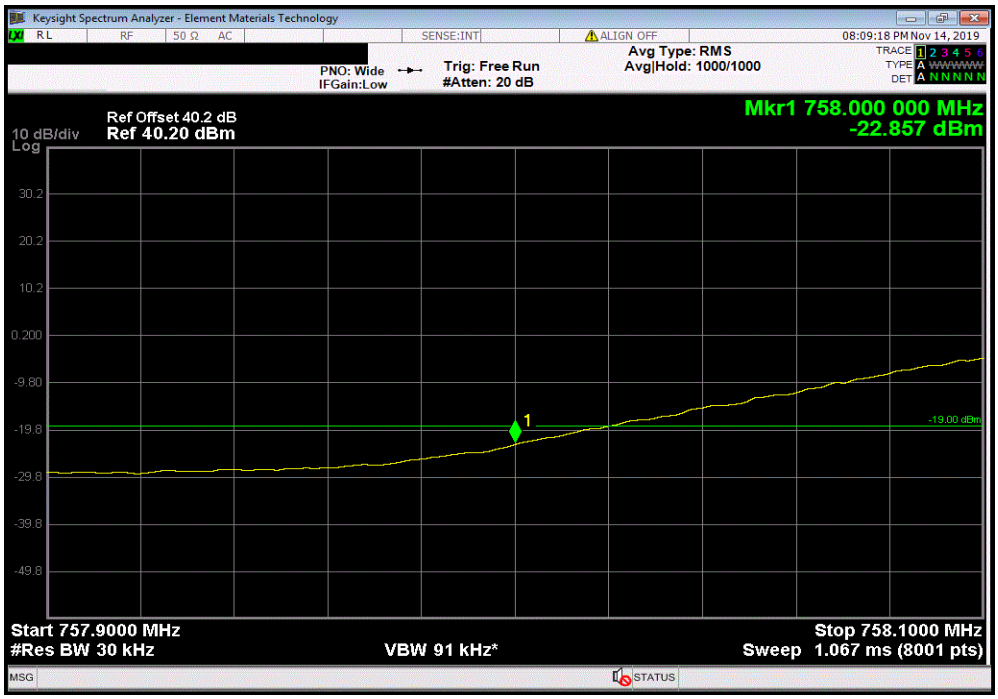
DEVIATIONS FROM TEST STANDARD

None

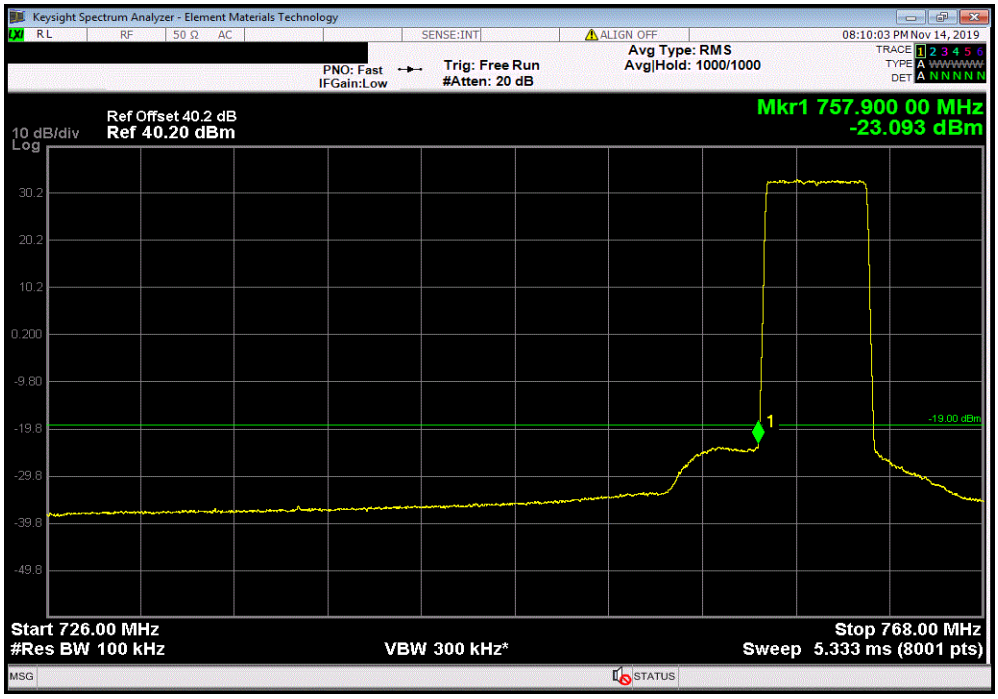
Configuration #	**2**	*Signature* Jonathan Kiefer

		Value (dBm)	Limit (dBm)	Result
Band 14				
QPSK Modulation				
LTE5 Bandwidth				
Lower Band Edge				
	Measurement 1	-22.857	-19	Pass
	Measurement 2	-23.093	-19	Pass
Upper Band Edge				
	Measurement 1	-24.193	-19	Pass
	Measurement 2	-24.716	-19	Pass
	Measurement 3	-59.31	-52	Pass
	Measurement 4	-69.848	-52	Pass
LTE10 Bandwidth				
Lower Band Edge				
	Measurement 1	-25.257	-19	Pass
	Measurement 2	-23.316	-19	Pass
Upper Band Edge				
	Measurement 1	-28.282	-19	Pass
	Measurement 2	-26.778	-19	Pass
	Measurement 3	-59.777	-52	Pass
	Measurement 4	-70.023	-52	Pass
16QAM Modulation				
LTE5 Bandwidth				
Lower Band Edge				
	Measurement 1	-22.951	-19	Pass
	Measurement 2	-23.269	-19	Pass
Upper Band Edge				
	Measurement 1	-24.444	-19	Pass
	Measurement 2	-25.062	-19	Pass
	Measurement 3	-59.423	-52	Pass
	Measurement 4	-69.768	-52	Pass
LTE10 Bandwidth				
Lower Band Edge				
	Measurement 1	-26.011	-19	Pass
	Measurement 2	-23.472	-19	Pass
Upper Band Edge				
	Measurement 1	-28.055	-19	Pass
	Measurement 2	-27.143	-19	Pass
	Measurement 3	-59.71	-52	Pass
	Measurement 4	-69.804	-52	Pass
64QAM Modulation				
LTE5 Bandwidth				
Lower Band Edge				
	Measurement 1	-23.335	-19	Pass
	Measurement 2	-23.243	-19	Pass
Upper Band Edge				
	Measurement 1	-24.175	-19	Pass
	Measurement 2	-24.806	-19	Pass
	Measurement 3	-59.222	-52	Pass
	Measurement 4	-69.962	-52	Pass
LTE10 Bandwidth				
Lower Band Edge				
	Measurement 1	-25.432	-19	Pass
	Measurement 2	-23.83	-19	Pass
Upper Band Edge				
	Measurement 1	-27.75	-19	Pass
	Measurement 2	-26.474	-19	Pass
	Measurement 3	-59.469	-52	Pass
	Measurement 4	-69.905	-52	Pass
256QAM Modulation				
LTE5 Bandwidth				
Lower Band Edge				
	Measurement 1	-22.633	-19	Pass
	Measurement 2	-23.393	-19	Pass
Upper Band Edge				
	Measurement 1	-24.656	-19	Pass
	Measurement 2	-24.953	-19	Pass
	Measurement 3	-58.885	-52	Pass
	Measurement 4	-69.877	-52	Pass
LTE10 Bandwidth				
Lower Band Edge				
	Measurement 1	-24.563	-19	Pass
	Measurement 2	-23.552	-19	Pass
Upper Band Edge				
	Measurement 1	-27.469	-19	Pass
	Measurement 2	-26.709	-19	Pass
	Measurement 3	-59.615	-52	Pass
	Measurement 4	-69.961	-52	Pass

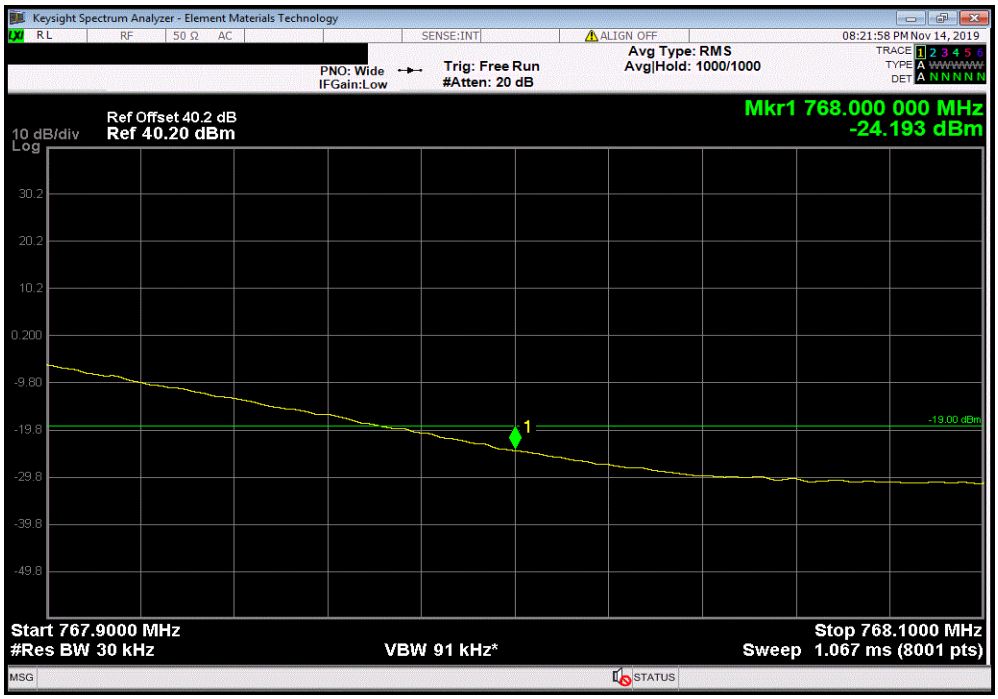
Band 14, QPSK Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-22.857	-19	Pass



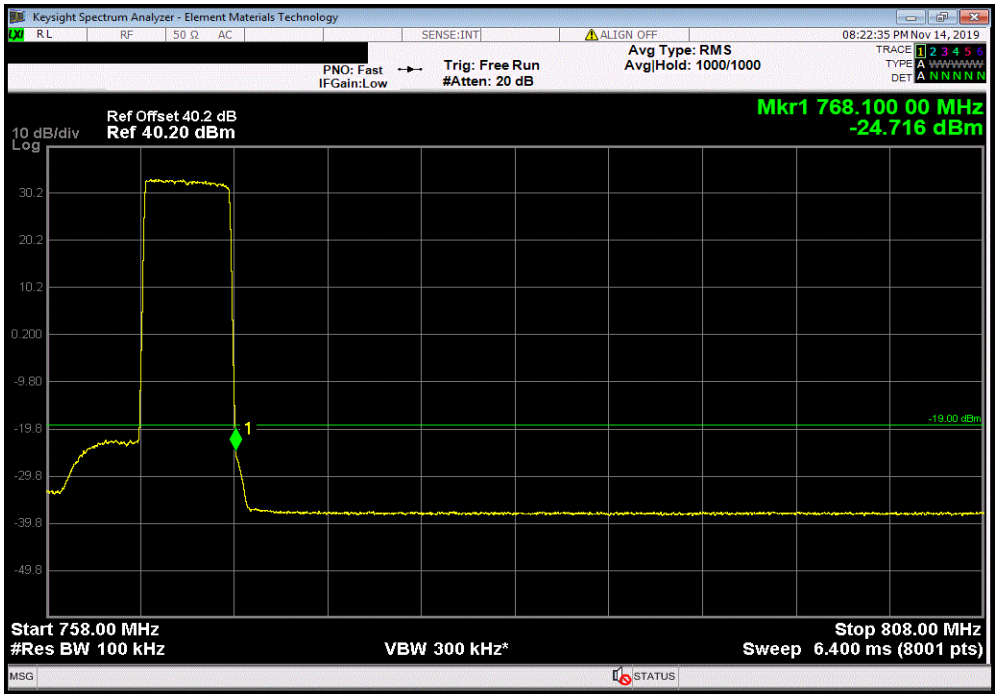
Band 14, QPSK Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-23.093	-19	Pass



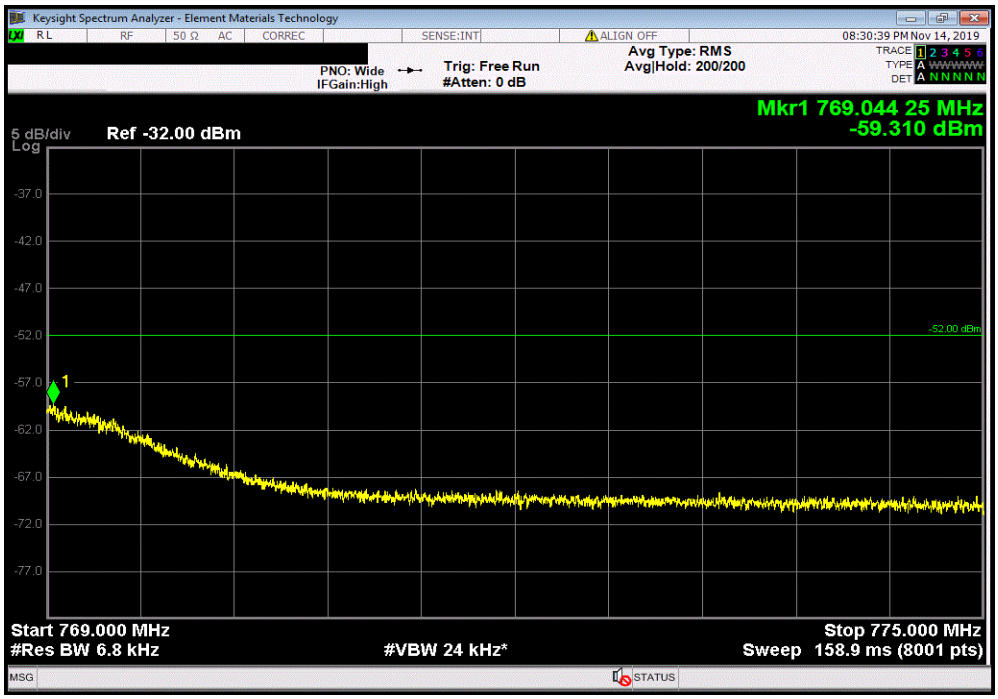
Band 14, QPSK Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-24.193	-19	Pass



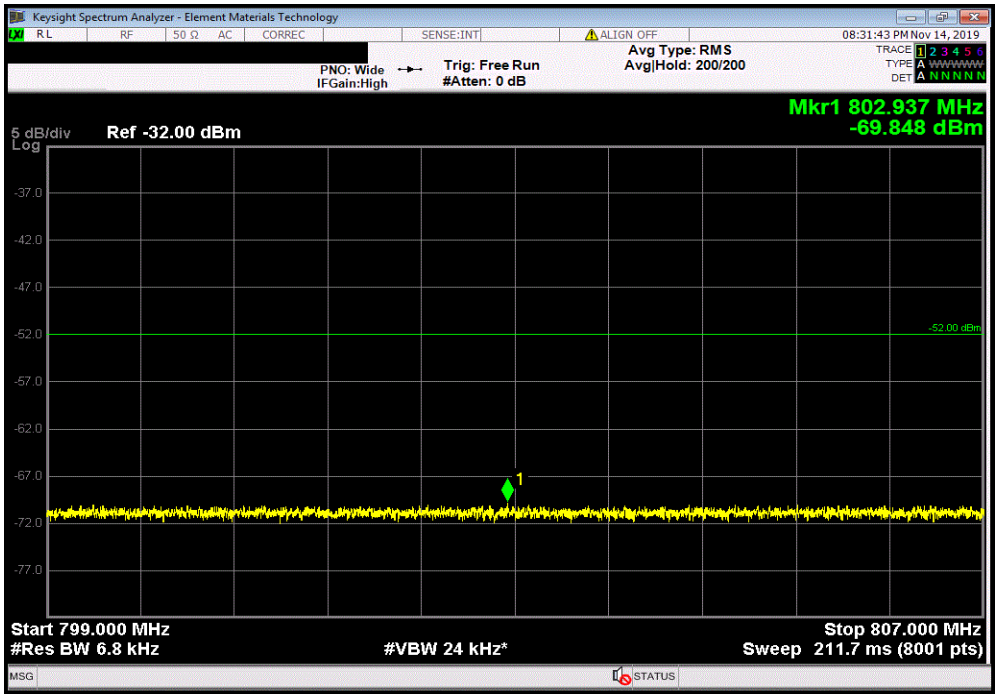
Band 14, QPSK Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-24.716	-19	Pass



Band 14, QPSK Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 3						
				Value (dBm)	Limit (dBm)	Result
				-59.31	-52	Pass



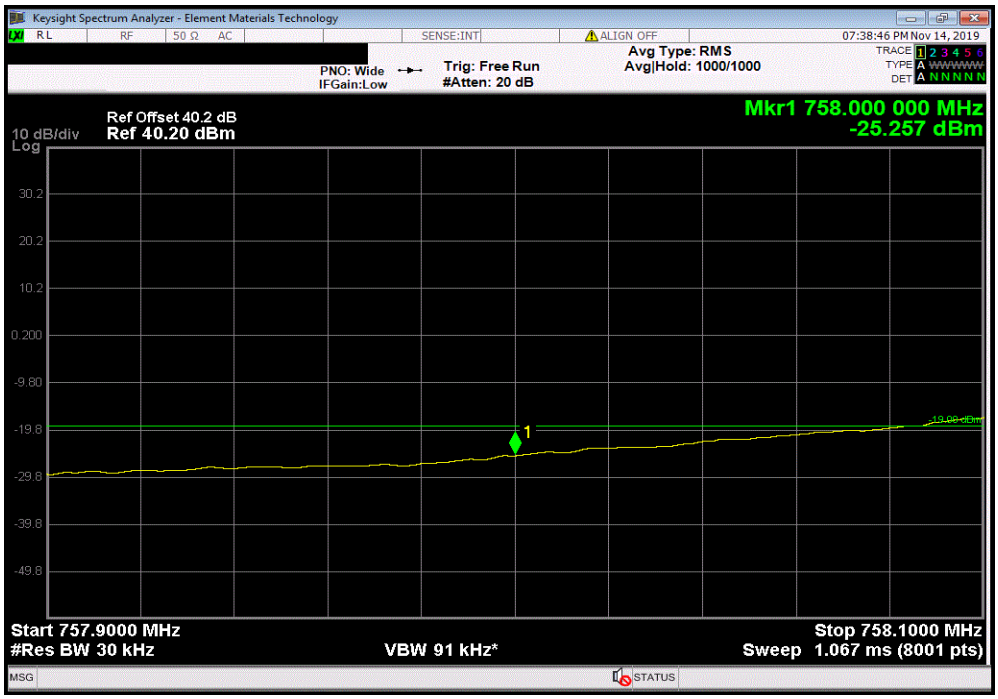
Band 14, QPSK Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 4						
				Value (dBm)	Limit (dBm)	Result
				-69.848	-52	Pass



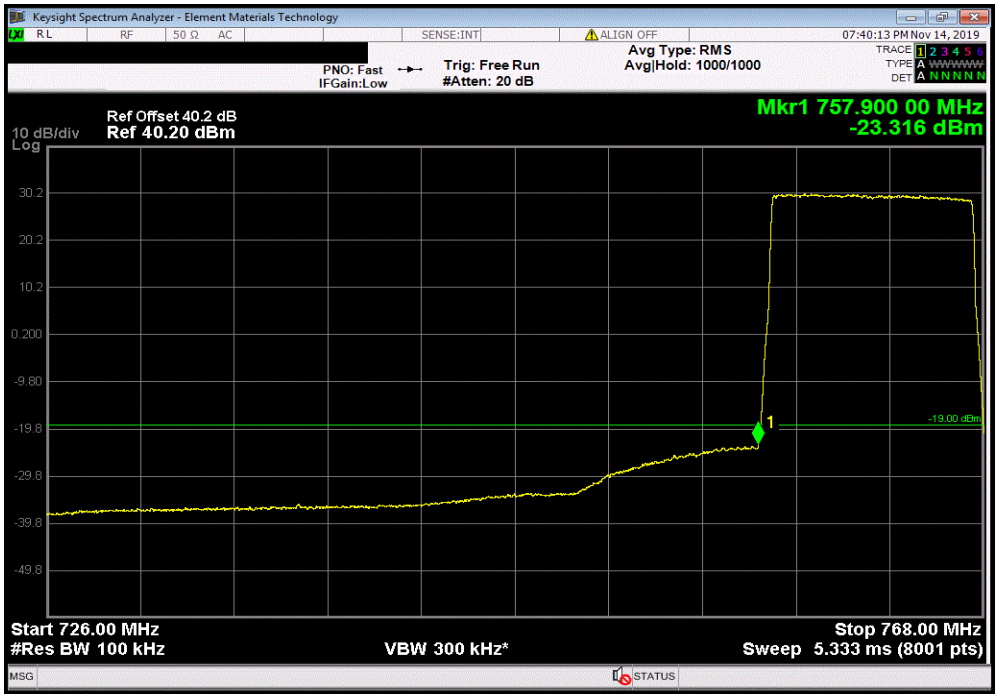
BAND EDGE COMPLIANCE

XMit 2019.09.05

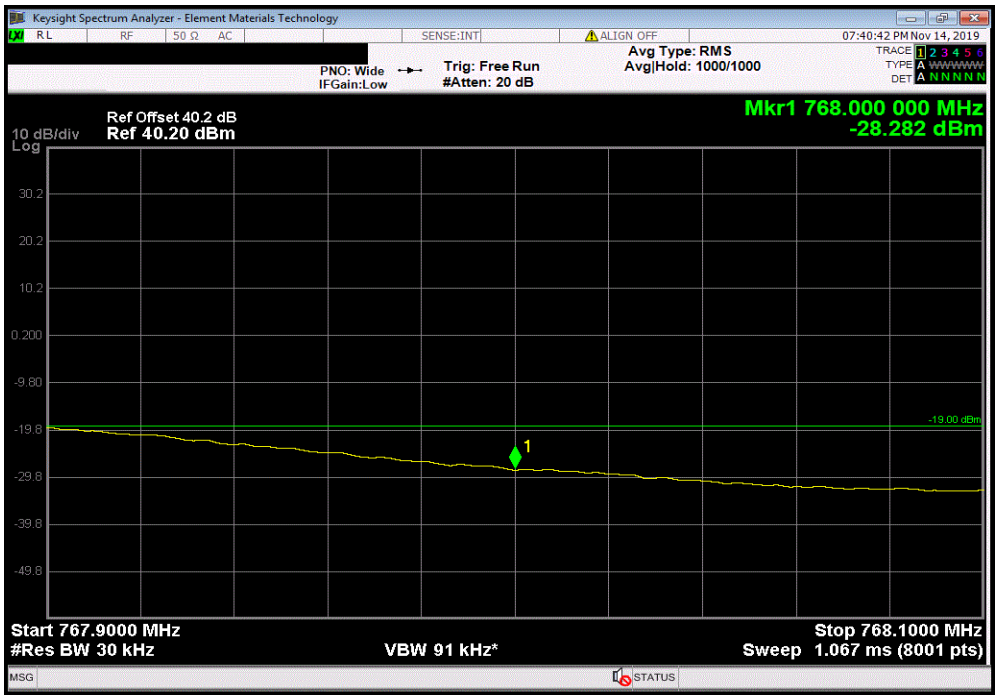
Band 14, QPSK Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-25.257	-19	Pass



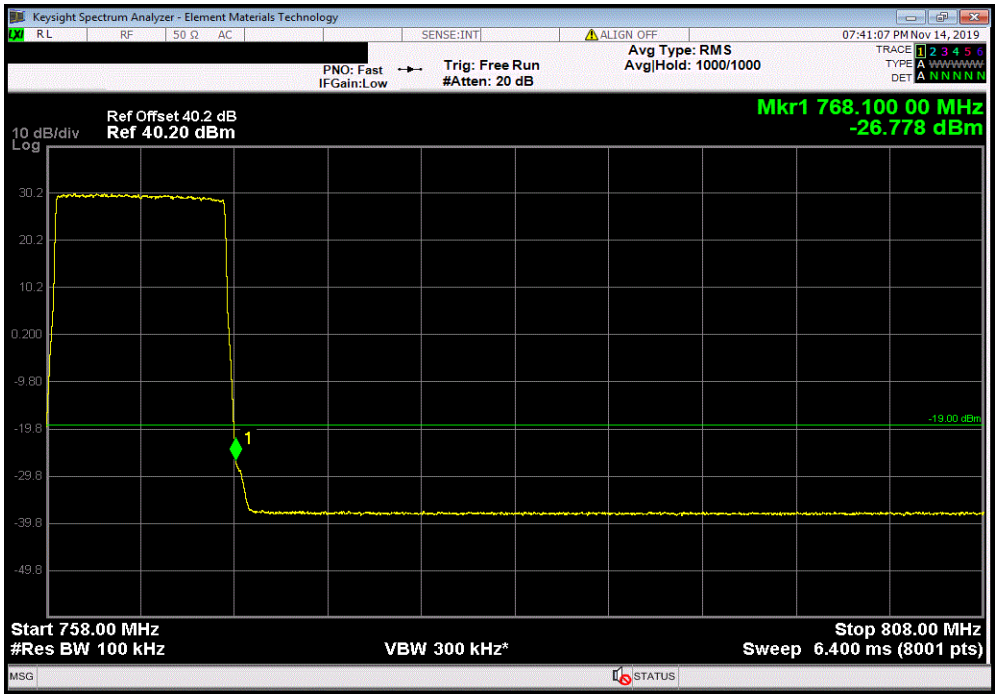
Band 14, QPSK Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-23.316	-19	Pass



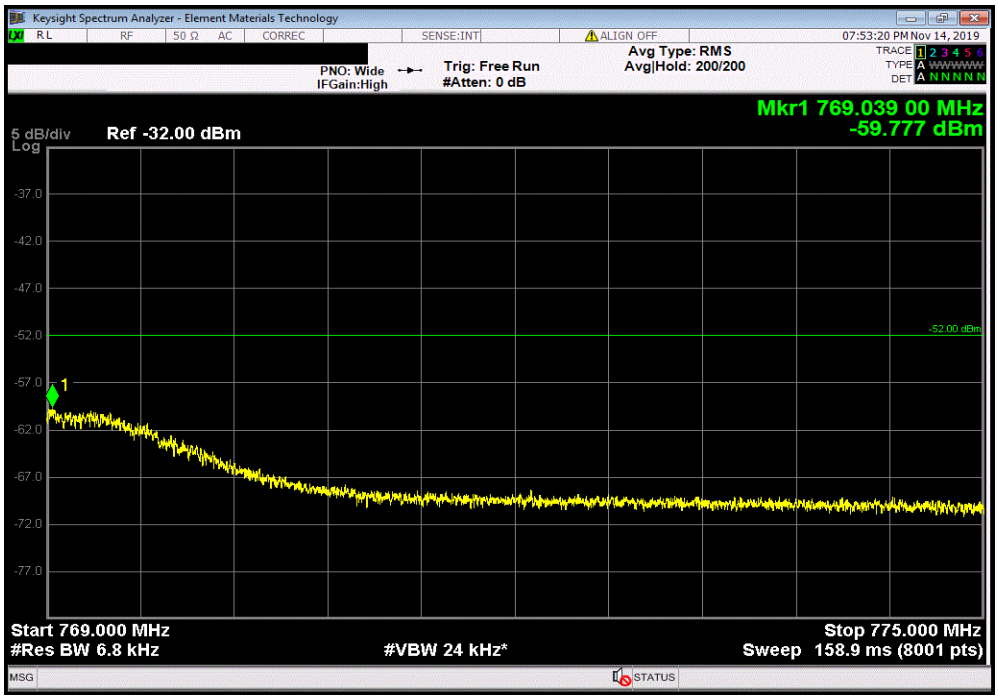
Band 14, QPSK Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-28.282	-19	Pass



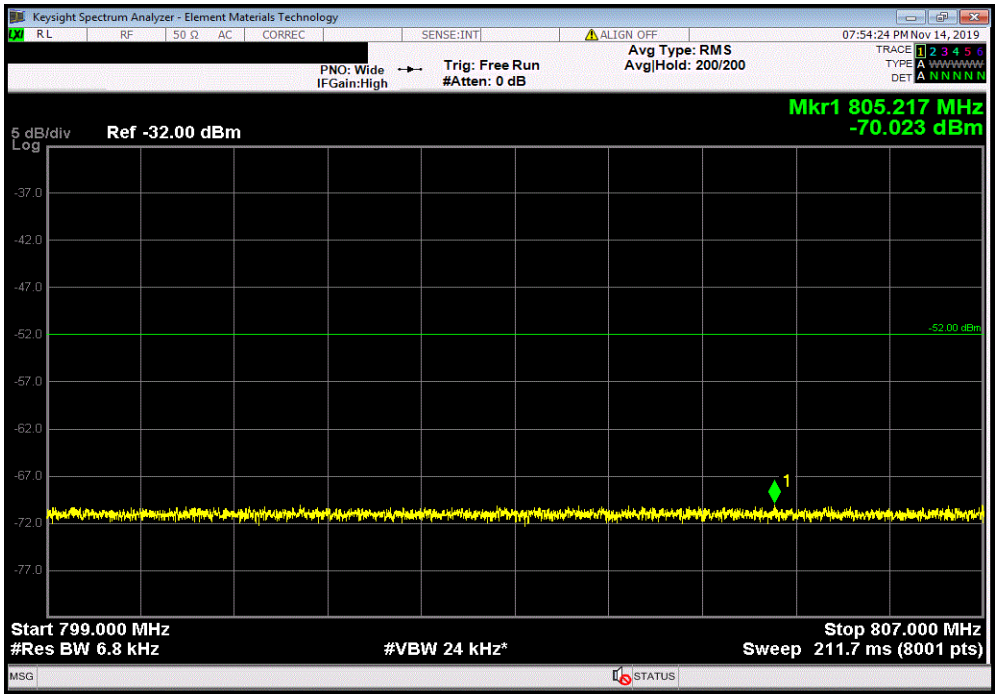
Band 14, QPSK Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-26.778	-19	Pass



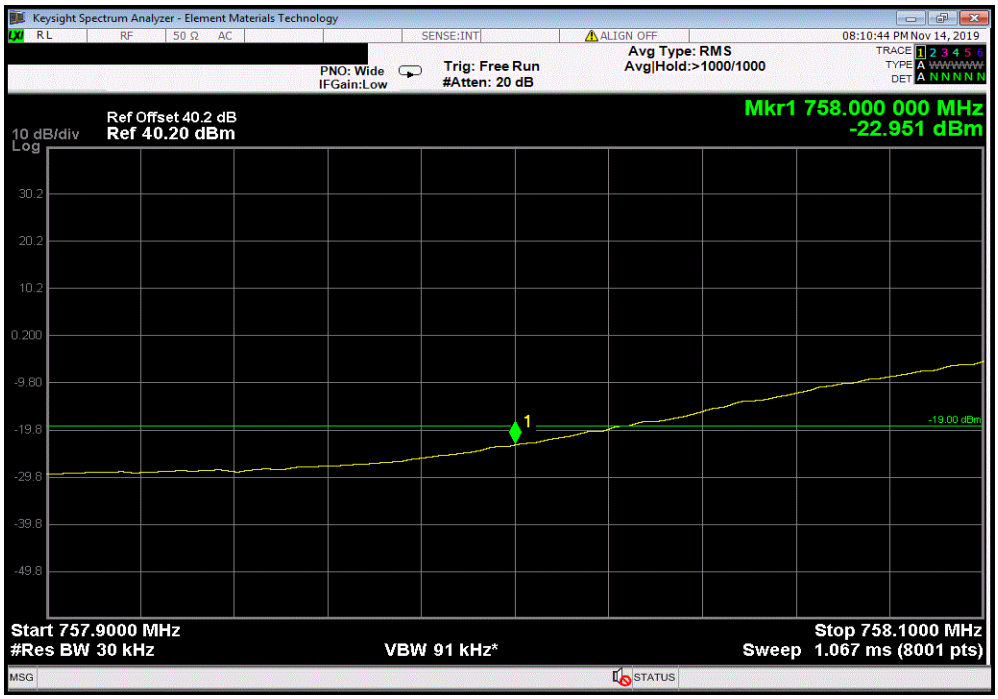
Band 14, QPSK Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 3						
				Value (dBm)	Limit (dBm)	Result
				-59.777	-52	Pass



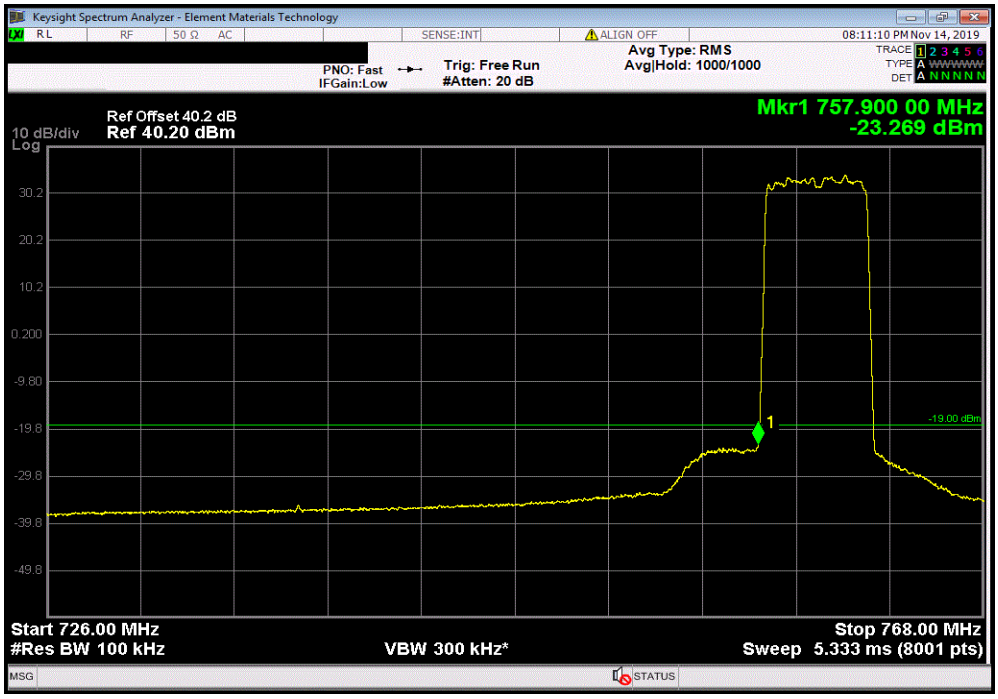
Band 14, QPSK Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 4						
				Value (dBm)	Limit (dBm)	Result
				-70.023	-52	Pass



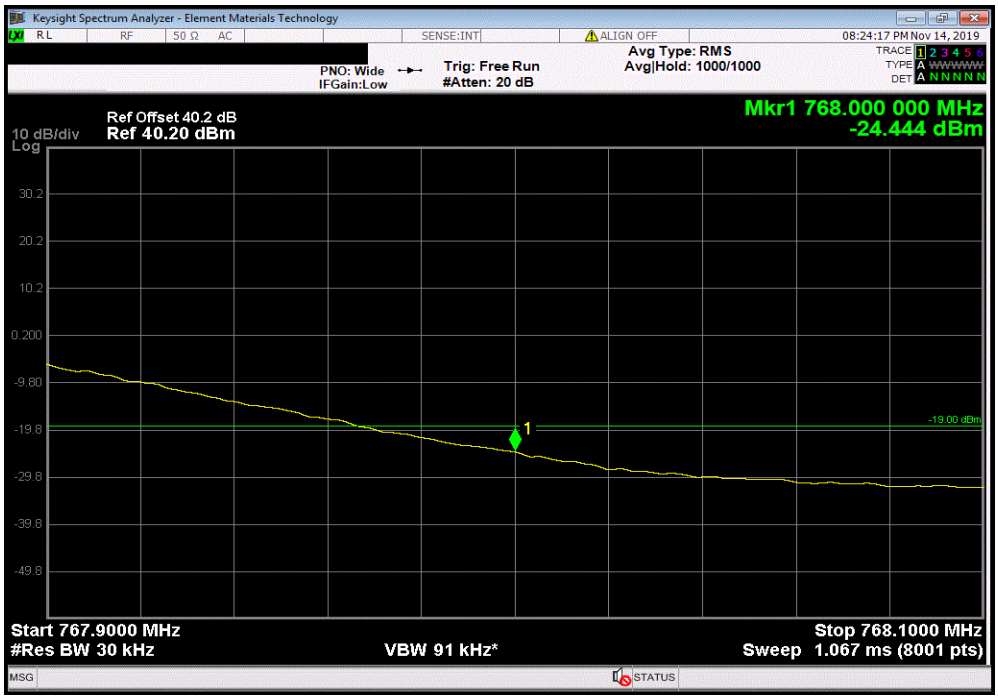
Band 14, 16QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-22.951	-19	Pass



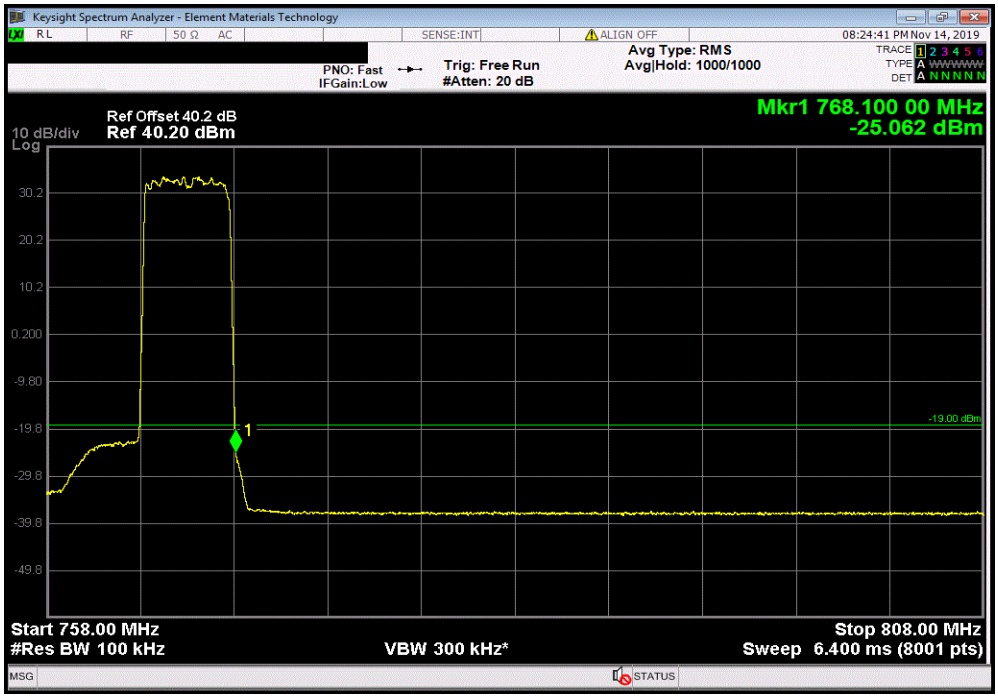
Band 14, 16QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-23.269	-19	Pass



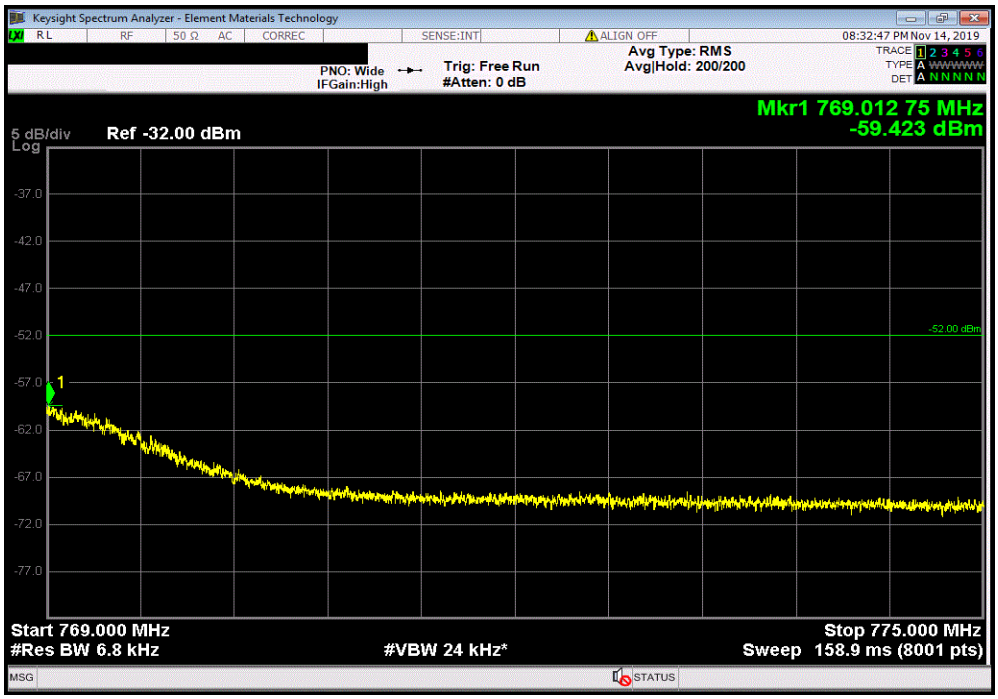
Band 14, 16QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-24.444	-19	Pass



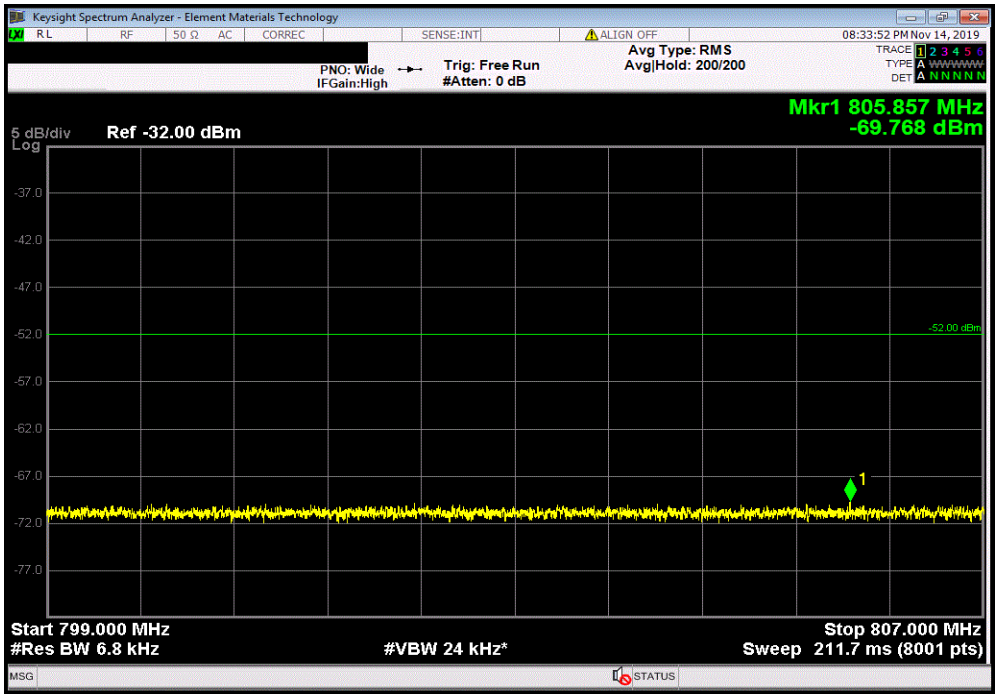
Band 14, 16QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-25.062	-19	Pass



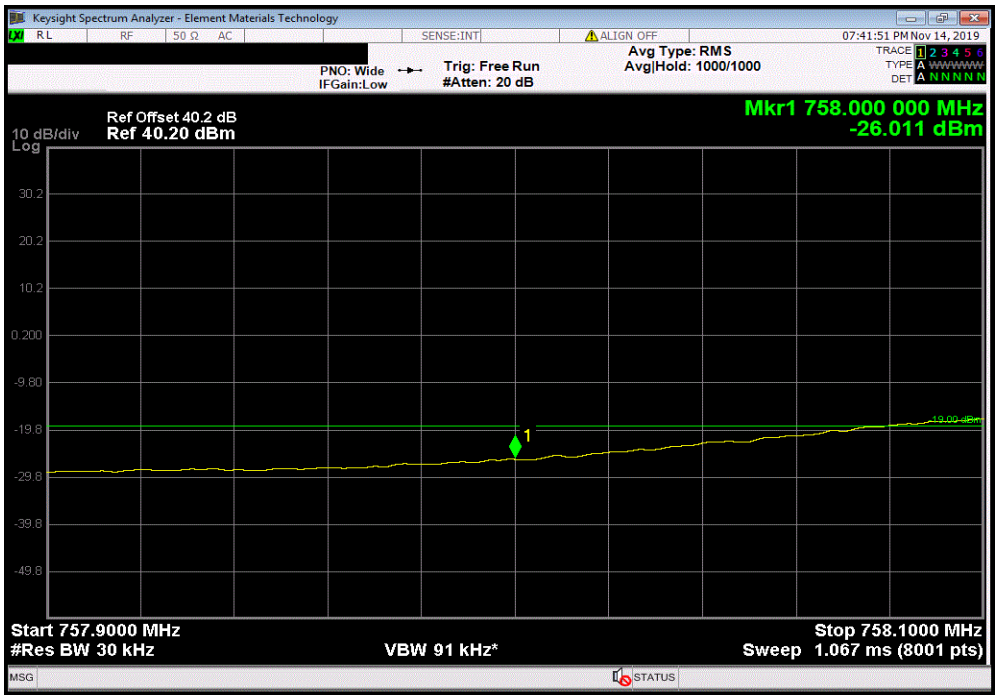
Band 14, 16QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 3						
				Value (dBm)	Limit (dBm)	Result
				-59.423	-52	Pass



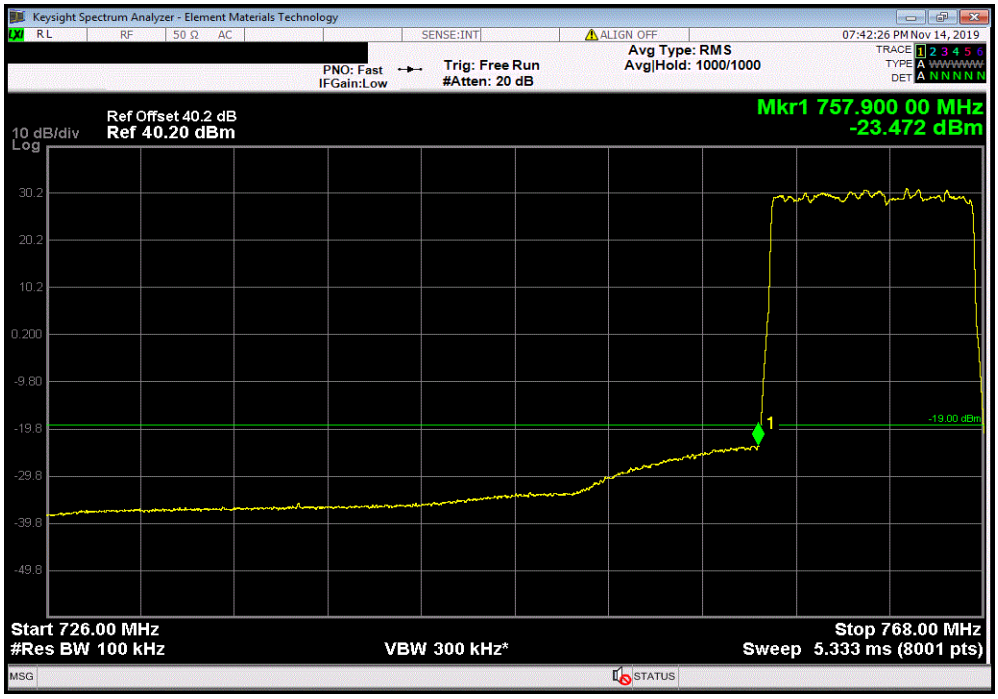
Band 14, 16QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 4						
				Value (dBm)	Limit (dBm)	Result
				-69.768	-52	Pass



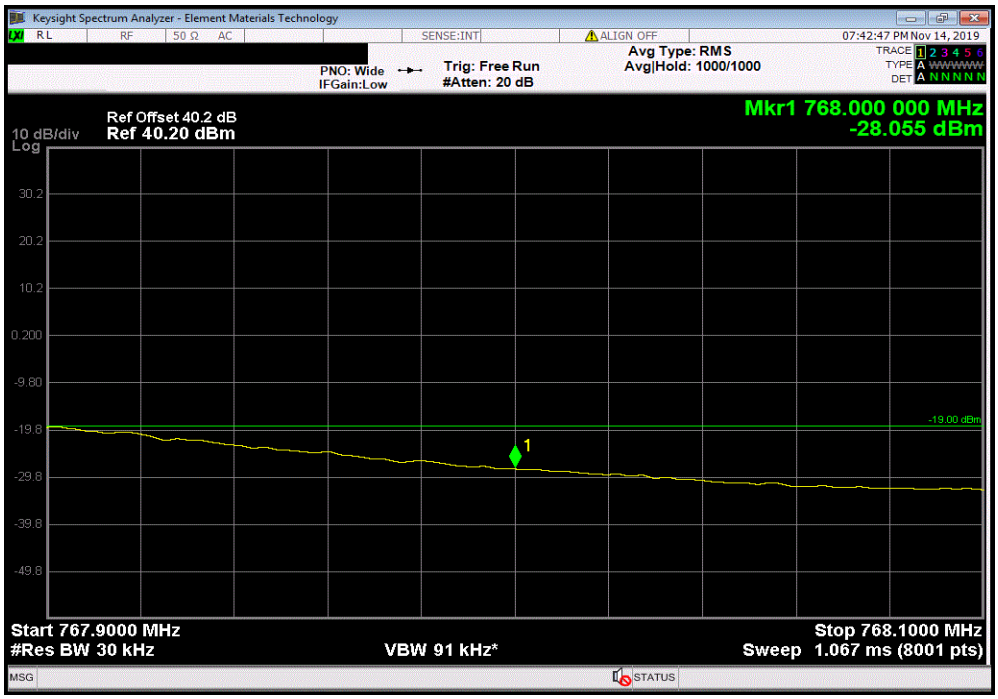
Band 14, 16QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-26.011	-19	Pass



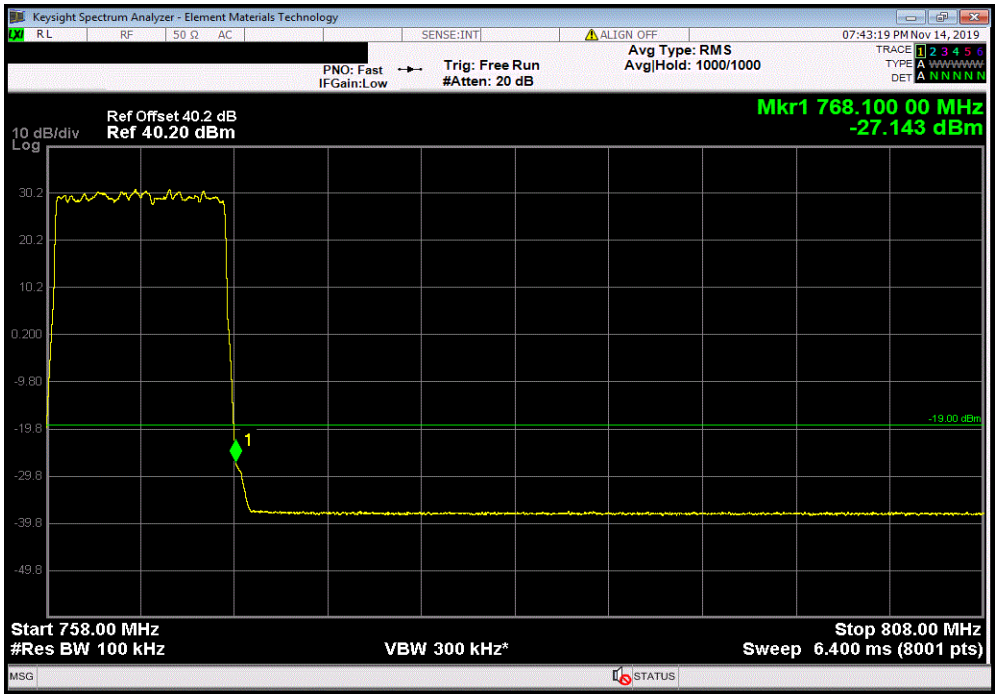
Band 14, 16QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-23.472	-19	Pass



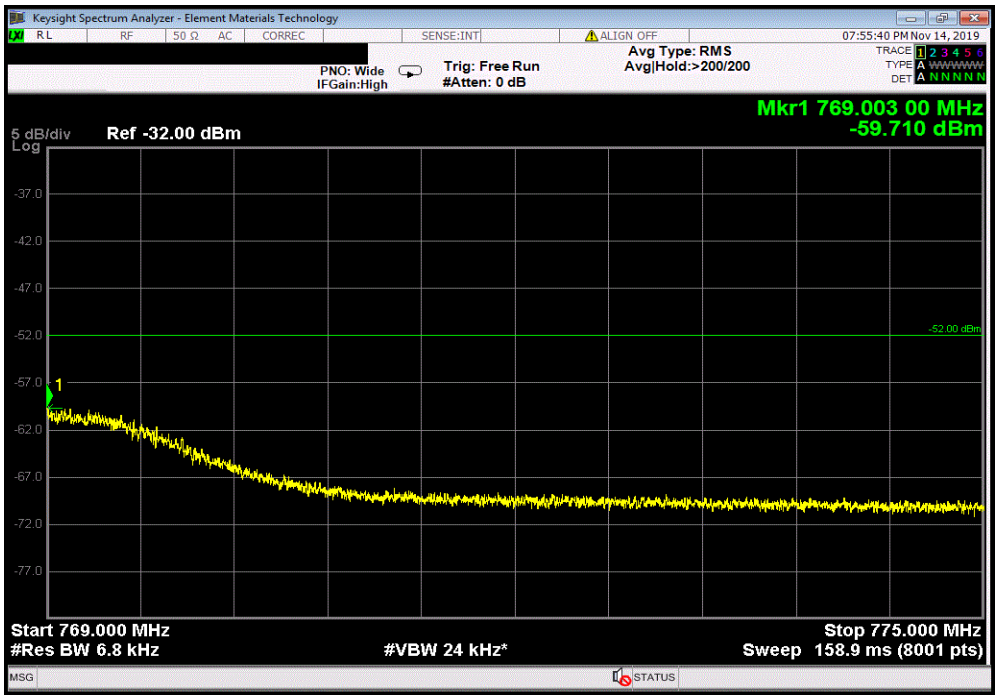
Band 14, 16QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-28.055	-19	Pass



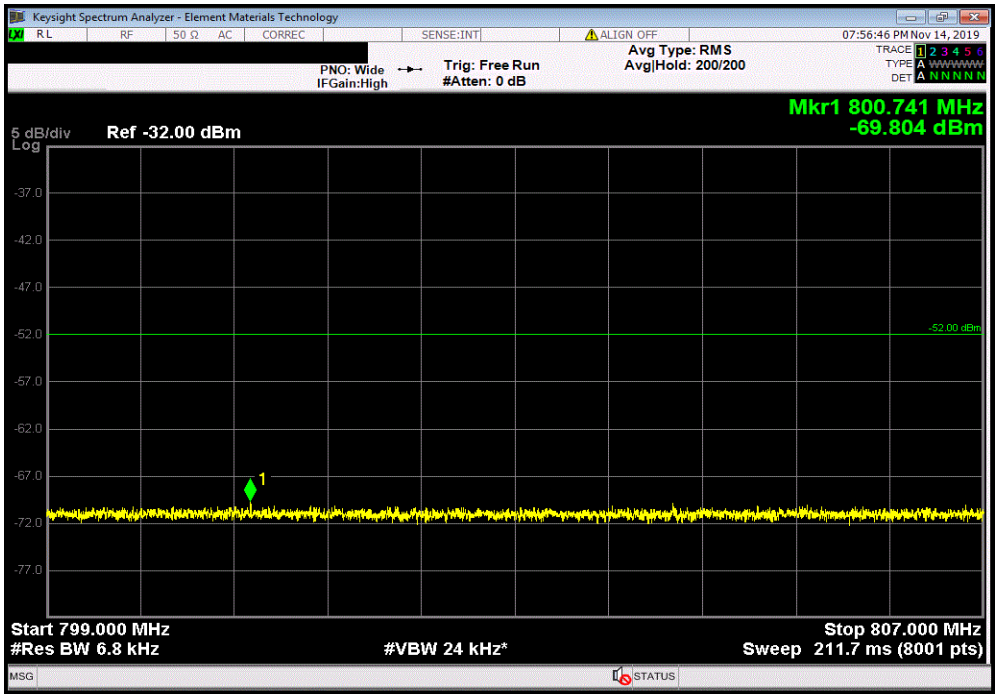
Band 14, 16QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-27.143	-19	Pass



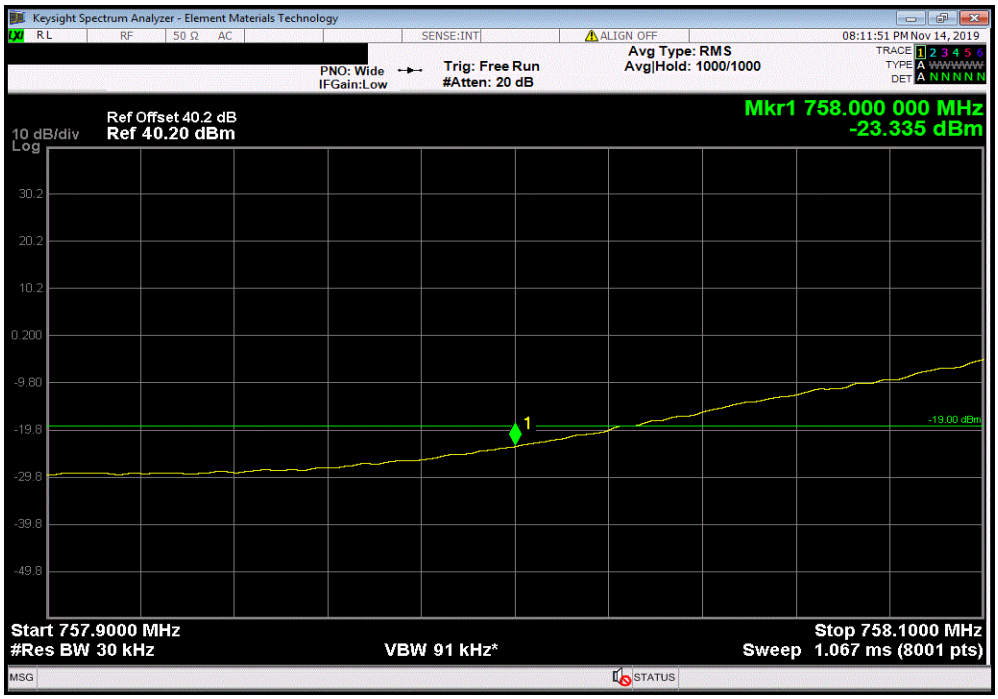
Band 14, 16QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 3						
				Value (dBm)	Limit (dBm)	Result
				-59.71	-52	Pass



Band 14, 16QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 4						
				Value (dBm)	Limit (dBm)	Result
				-69.804	-52	Pass



Band 14, 64QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-23.335	-19	Pass



Band 14, 64QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 2						
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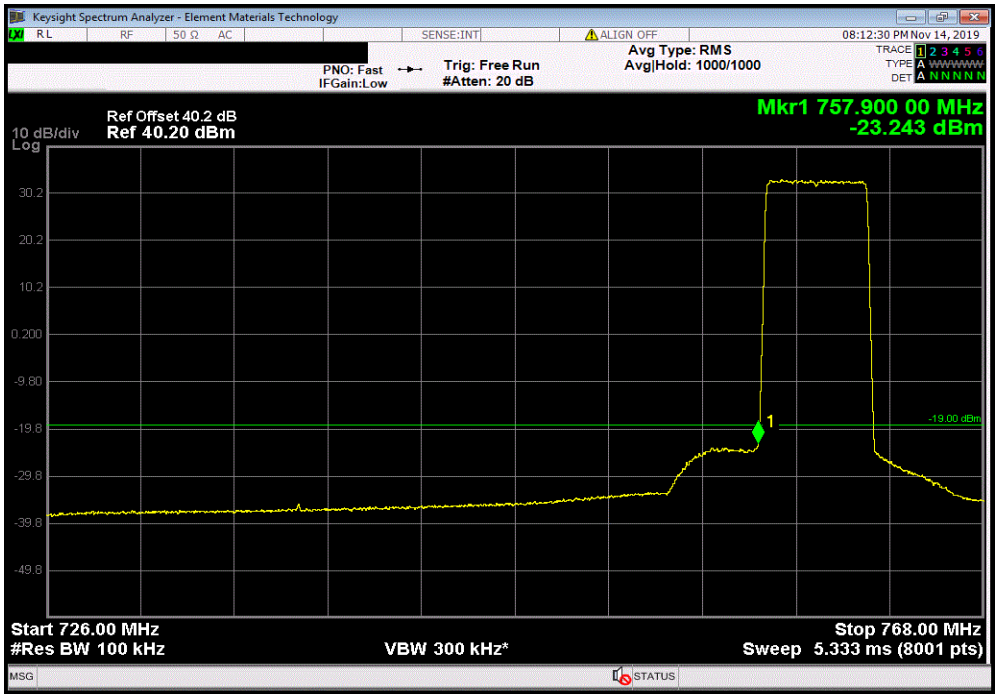
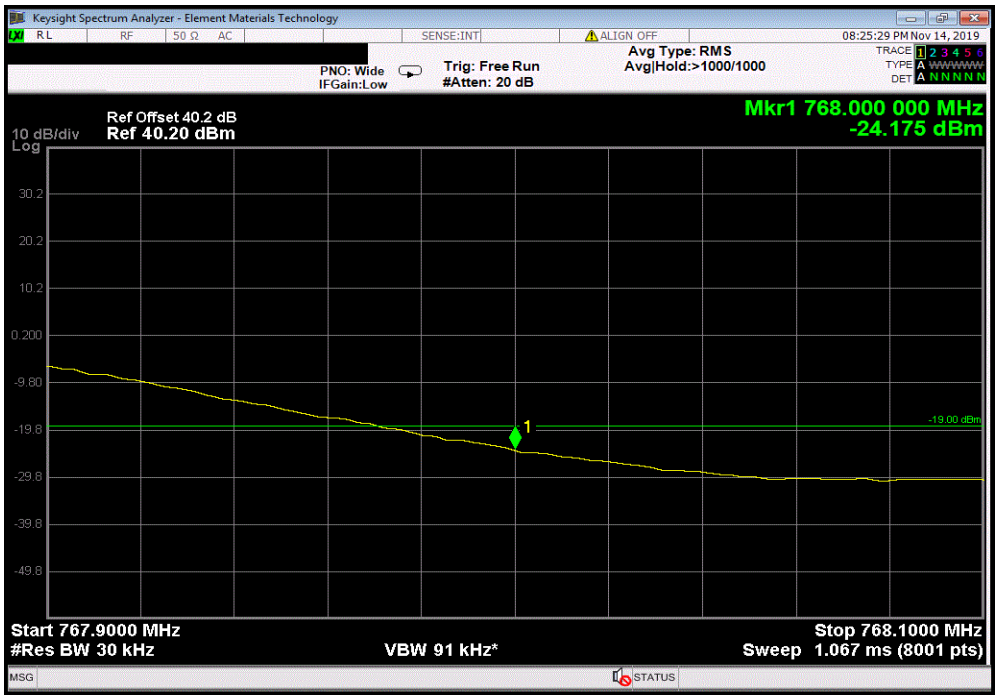
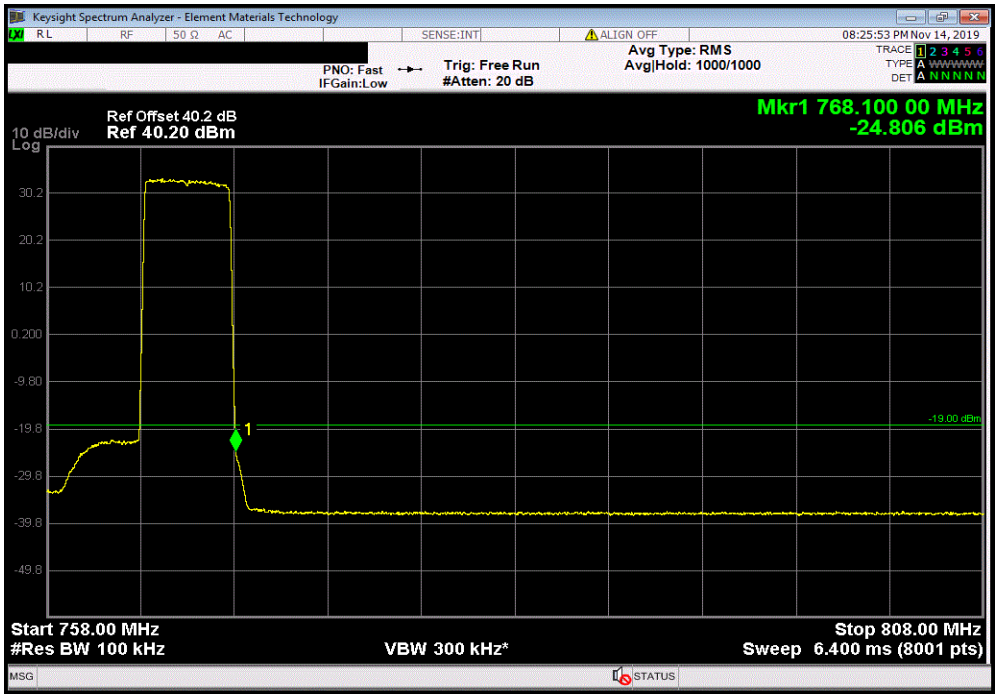
				-23.243	-19	Pass



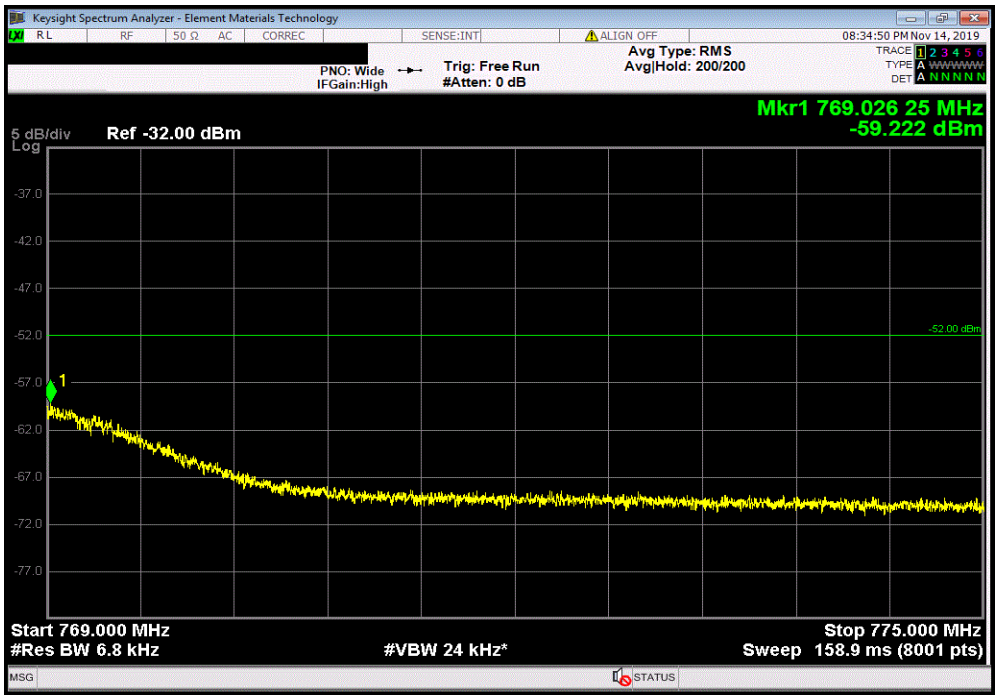
Band 14, 64QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-24.175	-19	Pass



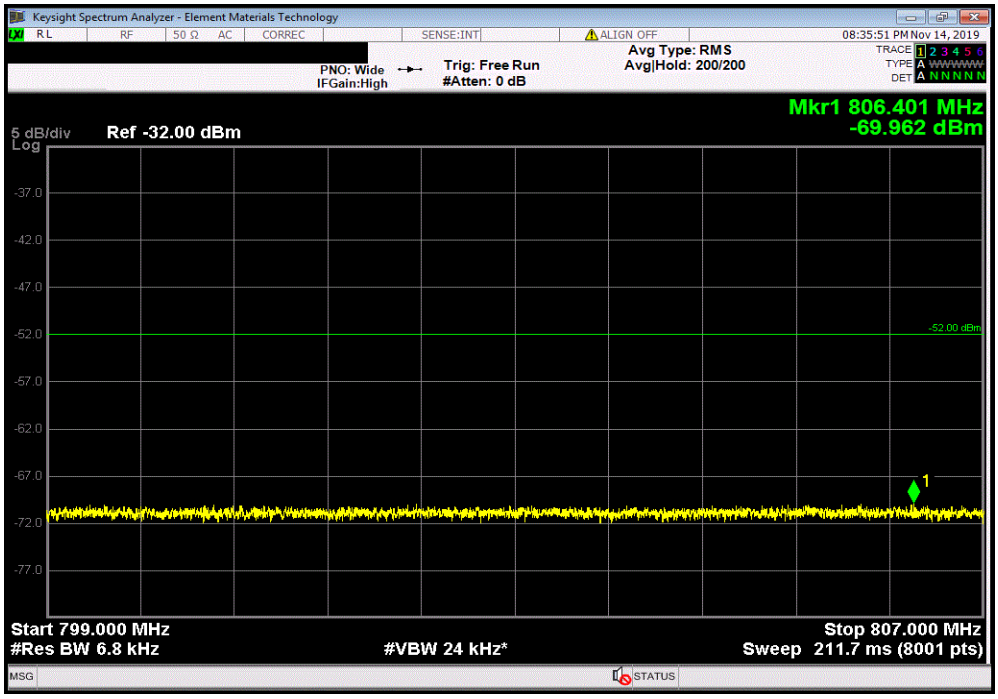
Band 14, 64QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-24.806	-19	Pass



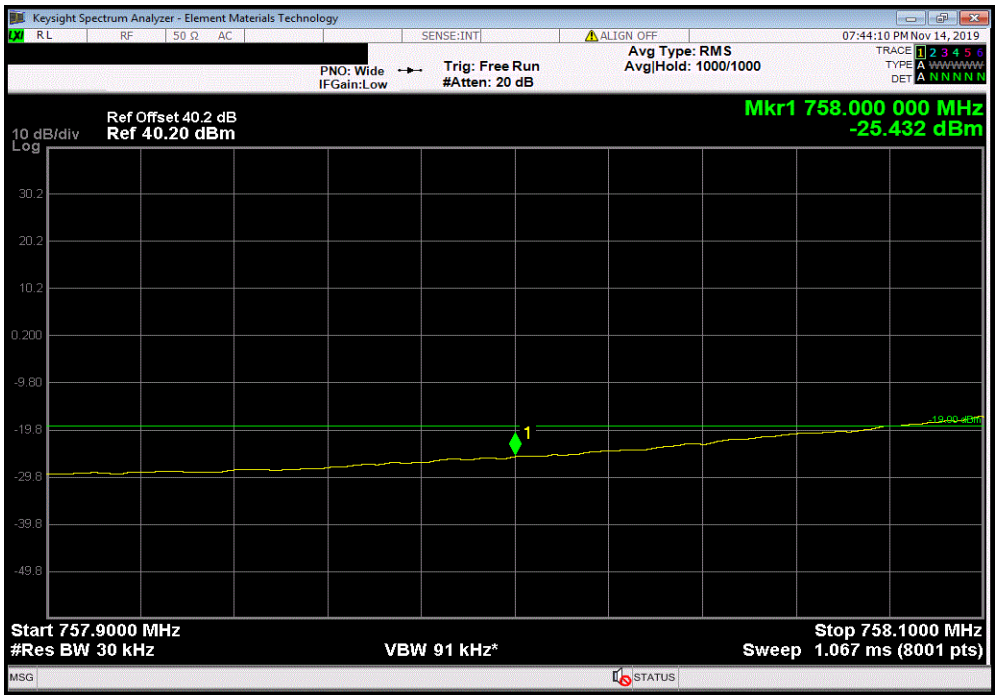
Band 14, 64QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 3						
				Value (dBm)	Limit (dBm)	Result
				-59.222	-52	Pass



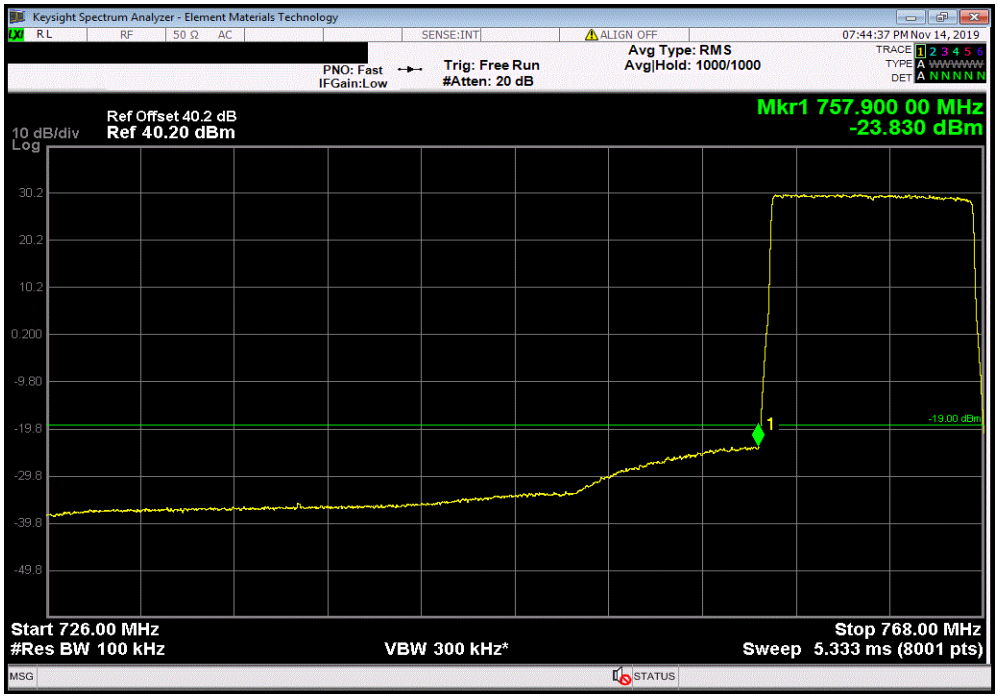
Band 14, 64QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 4						
				Value (dBm)	Limit (dBm)	Result
				-69.962	-52	Pass



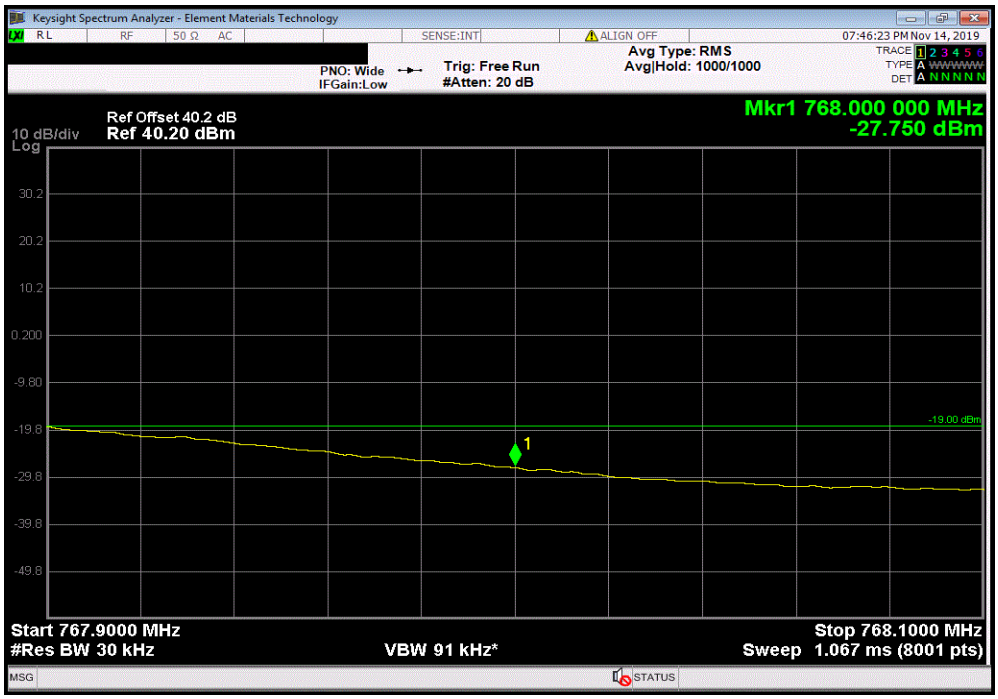
Band 14, 64QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-25.432	-19	Pass



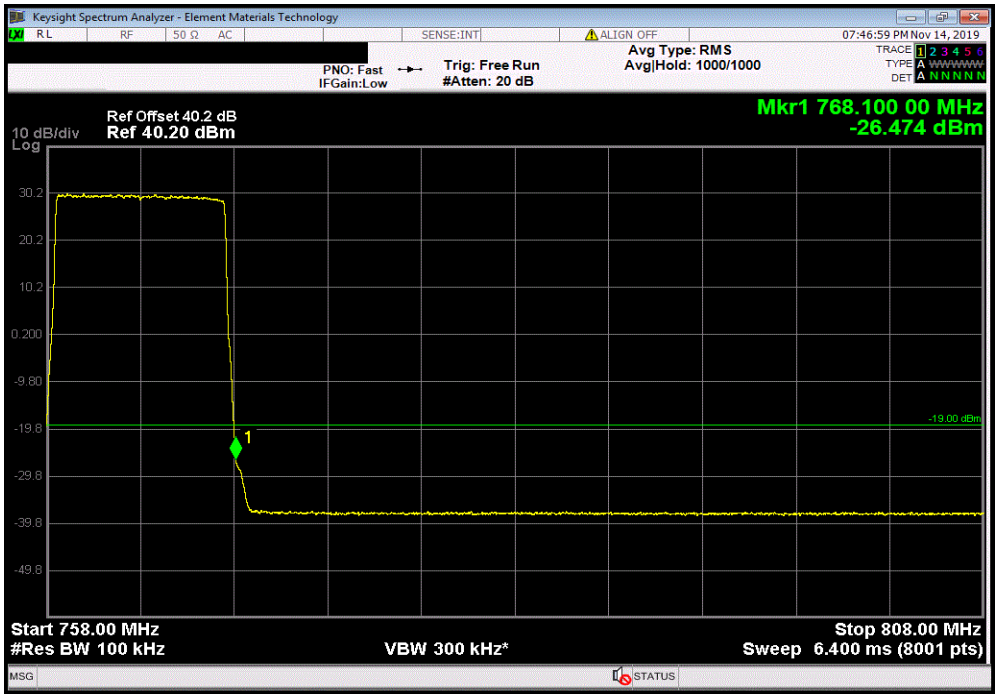
Band 14, 64QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-23.83	-19	Pass



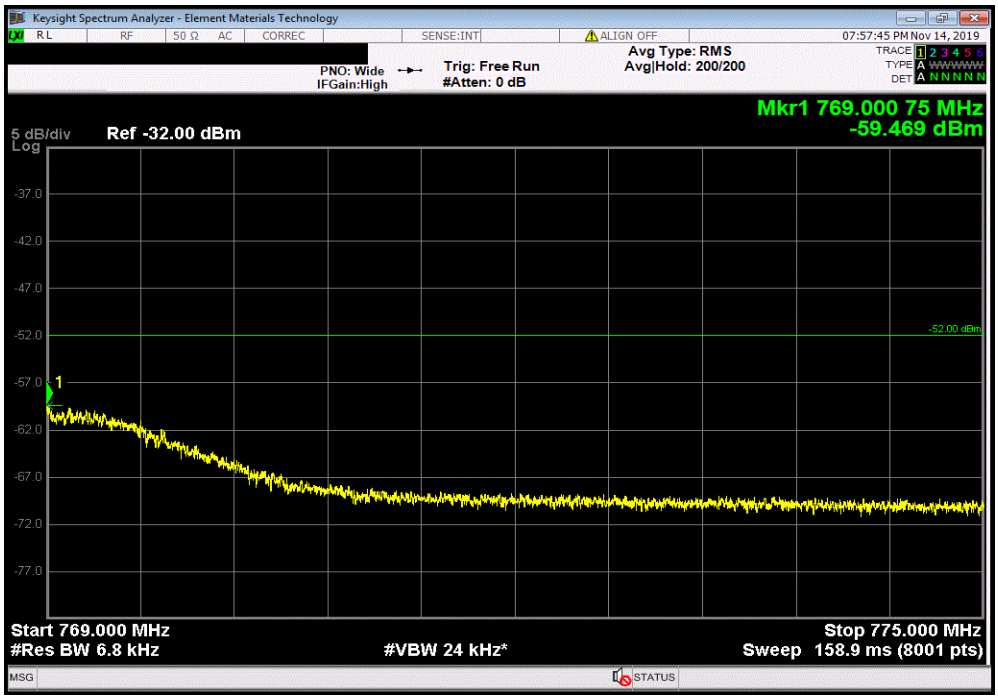
Band 14, 64QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-27.75	-19	Pass



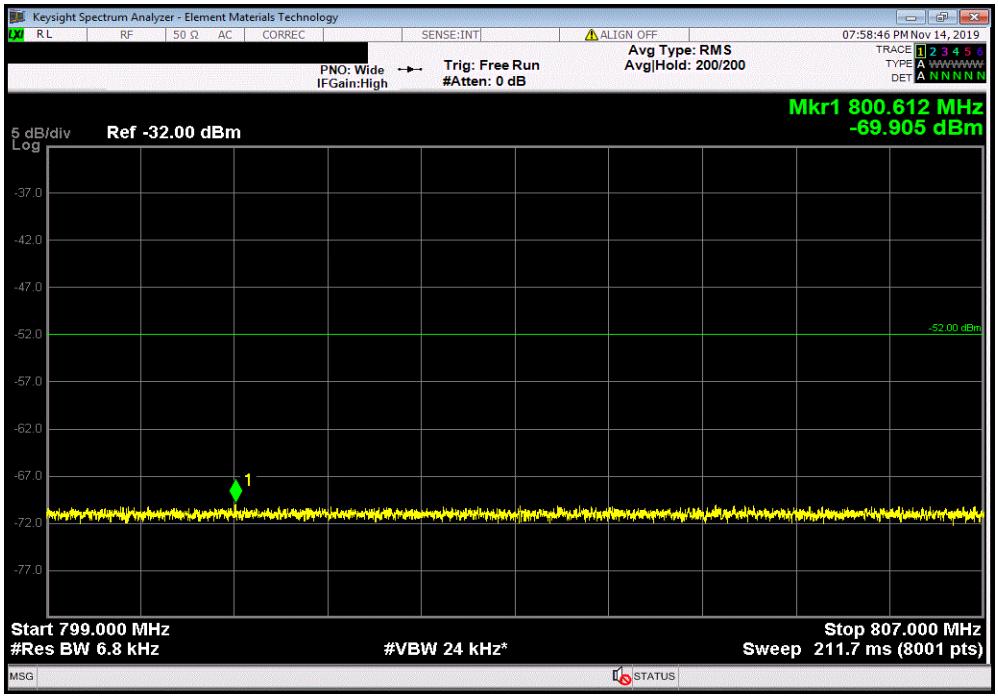
Band 14, 64QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-26.474	-19	Pass



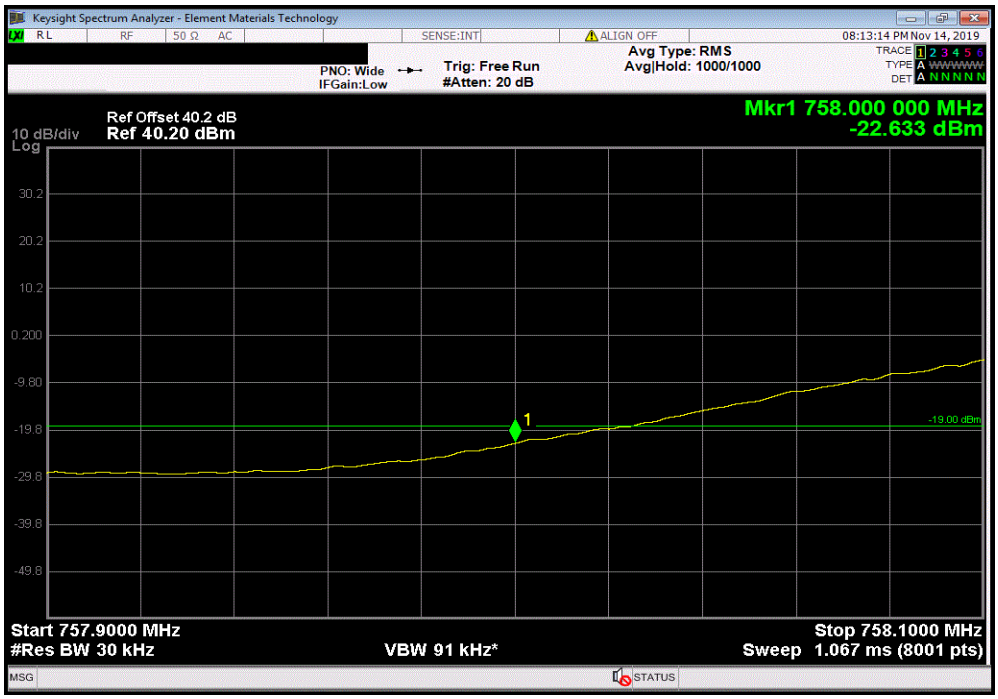
Band 14, 64QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 3						
				Value (dBm)	Limit (dBm)	Result
				-59.469	-52	Pass



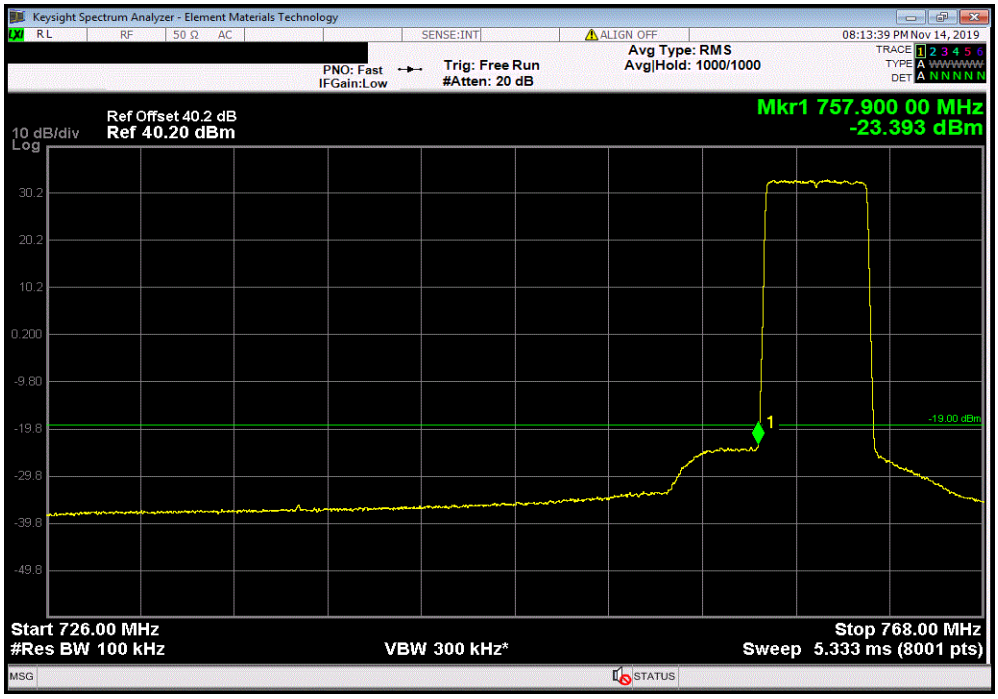
Band 14, 64QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 4						
				Value (dBm)	Limit (dBm)	Result
				-69.905	-52	Pass



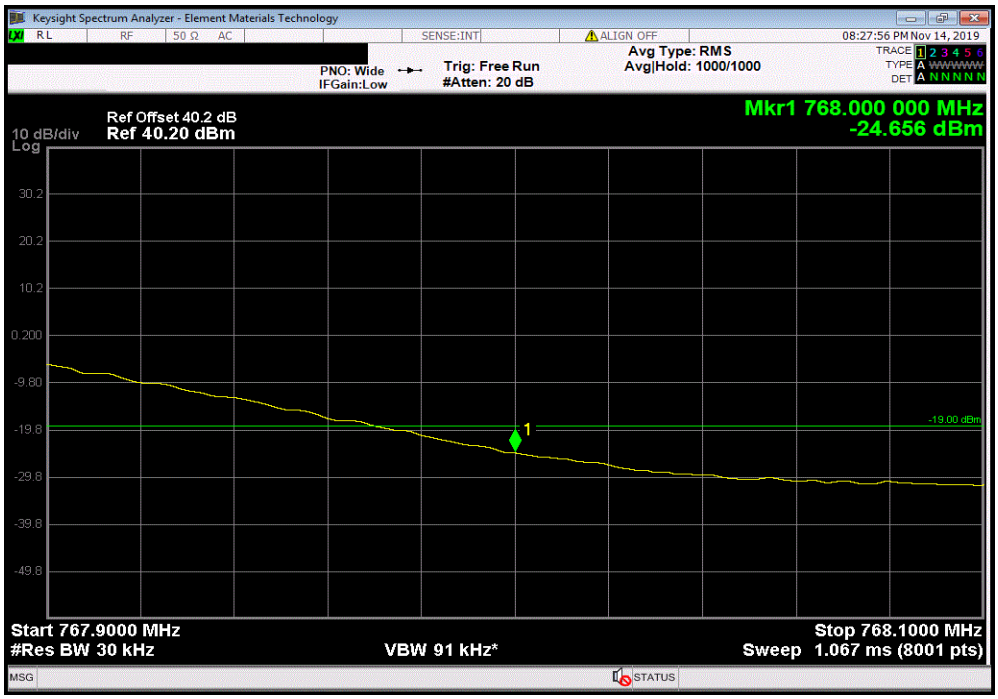
Band 14, 256QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-22.633	-19	Pass



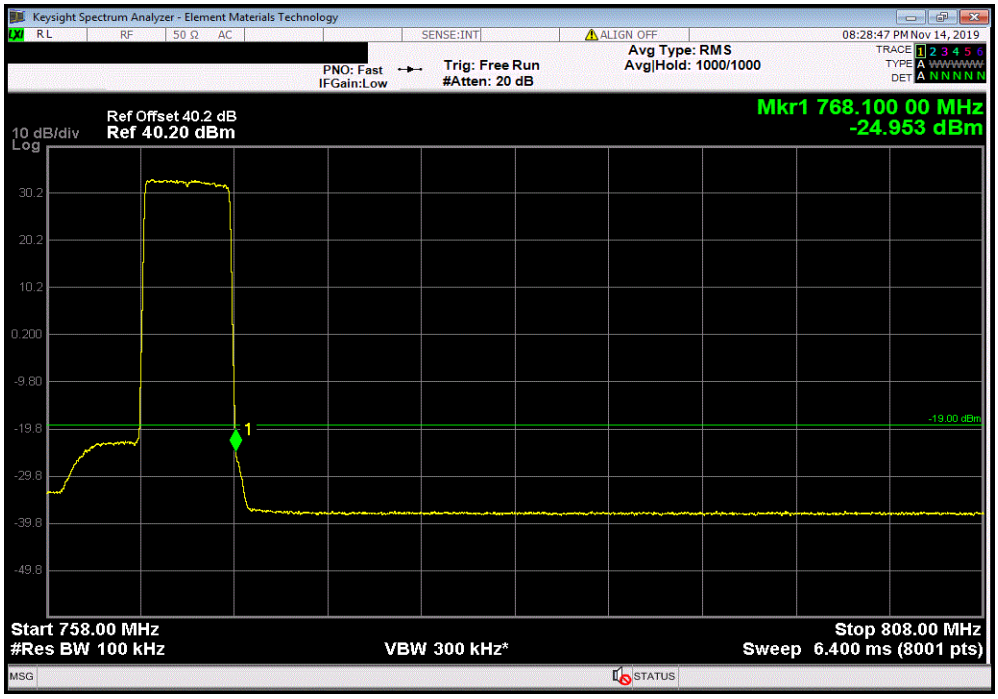
Band 14, 256QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-23.393	-19	Pass



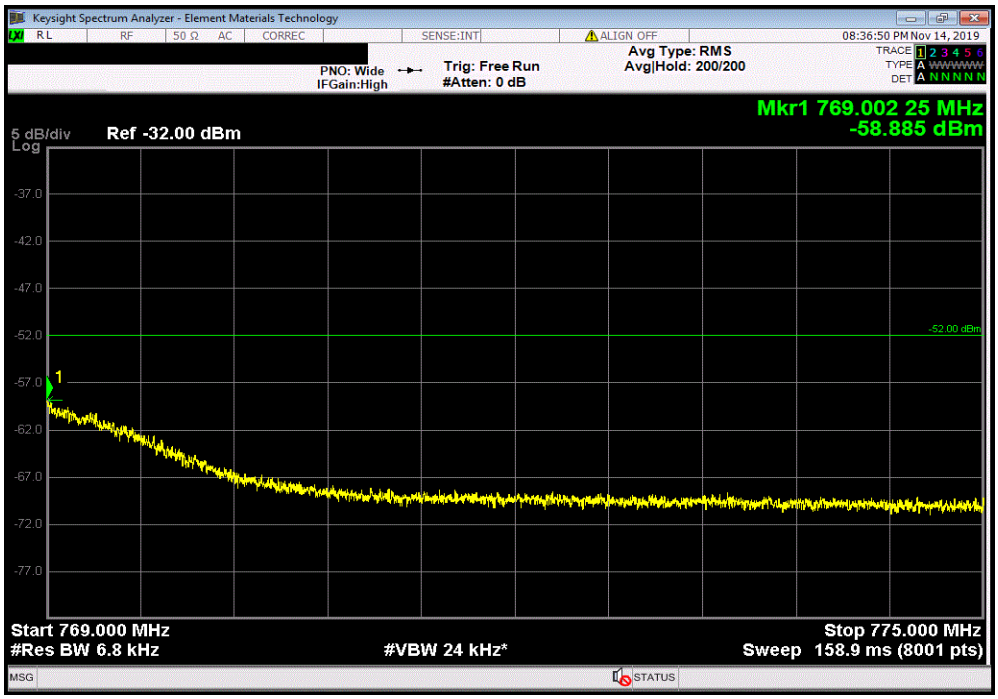
Band 14, 256QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-24.656	-19	Pass



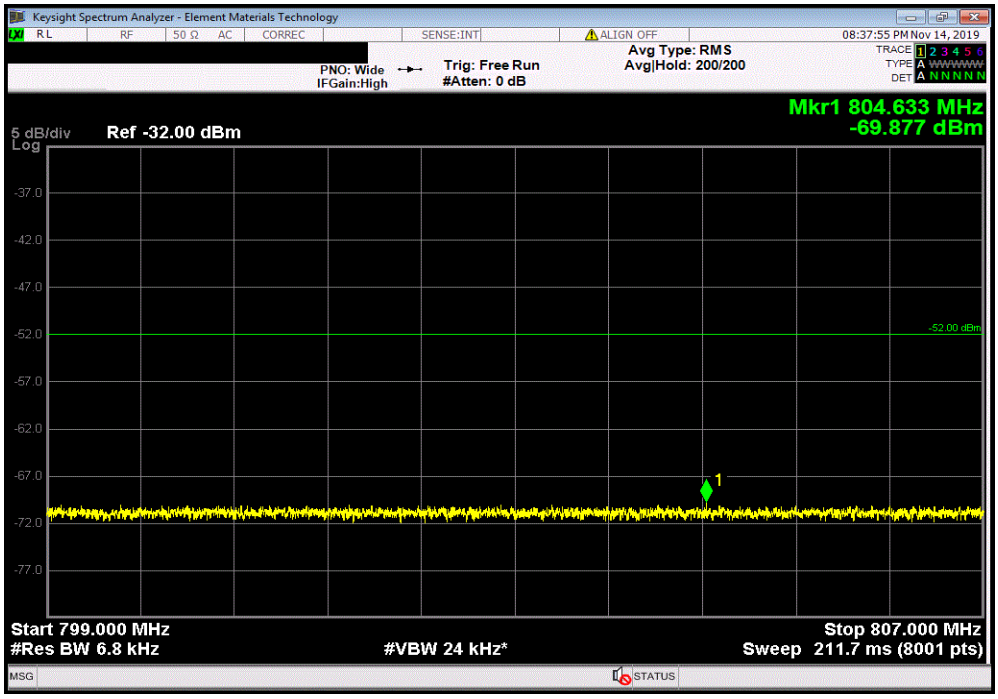
Band 14, 256QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-24.953	-19	Pass



Band 14, 256QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 3						
				Value (dBm)	Limit (dBm)	Result
				-58.885	-52	Pass

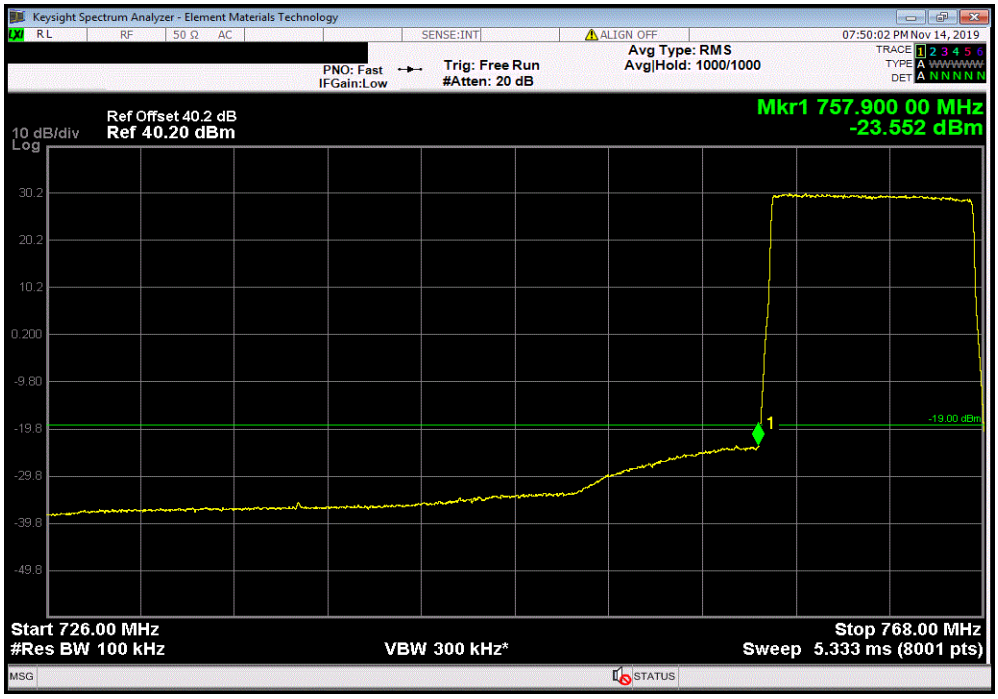


Band 14, 256QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 4						
				Value (dBm)	Limit (dBm)	Result
				-69.877	-52	Pass

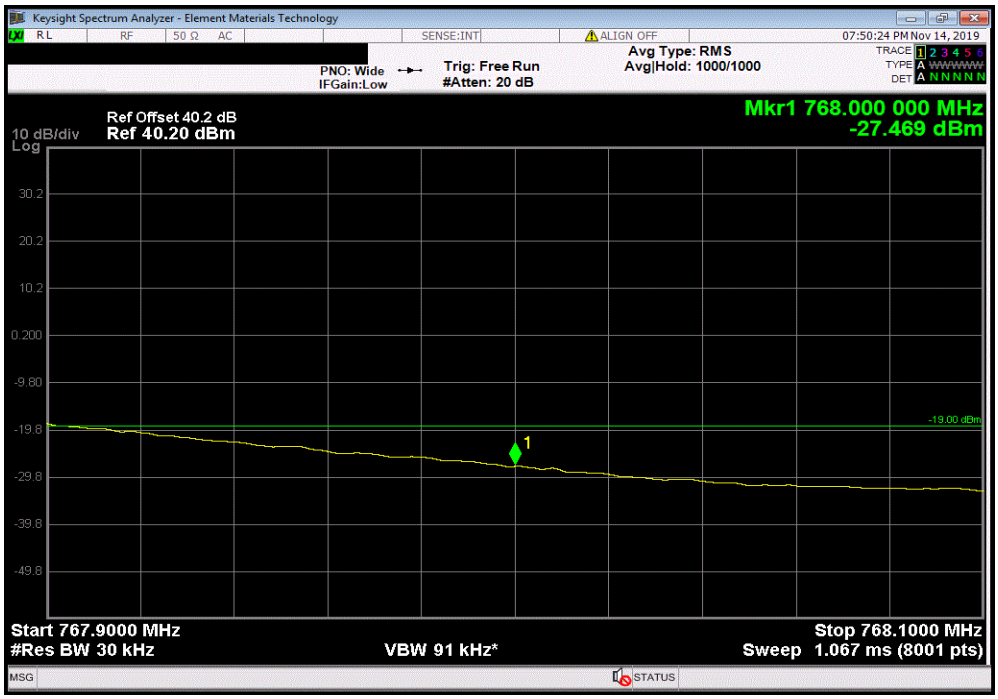


Band 14, 256QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-24.563	-19	Pass

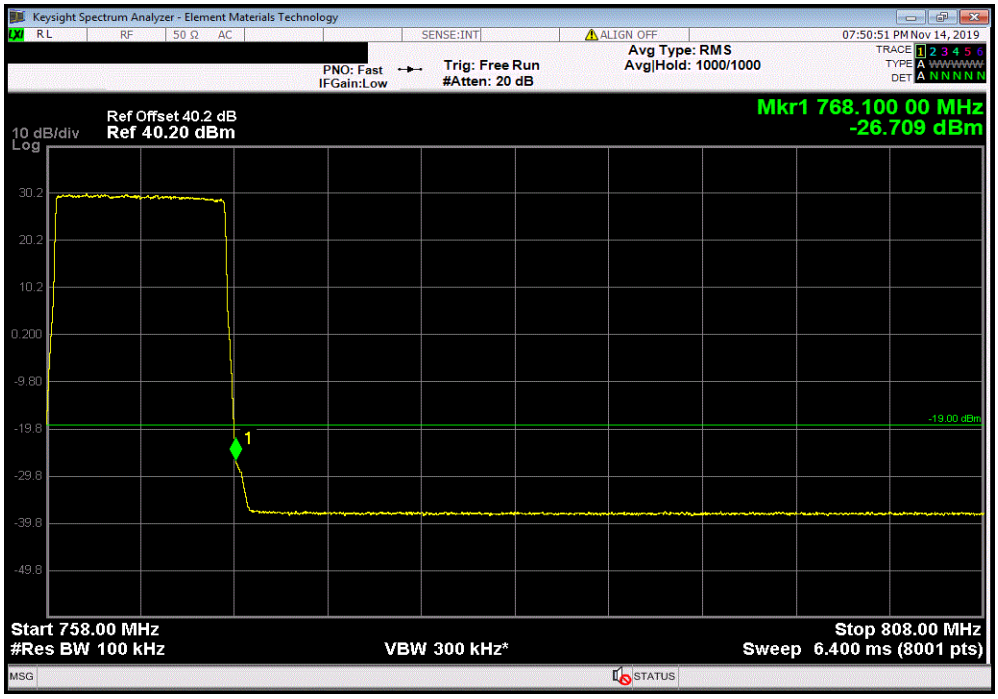
Band 14, 256QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-23.552	-19	Pass



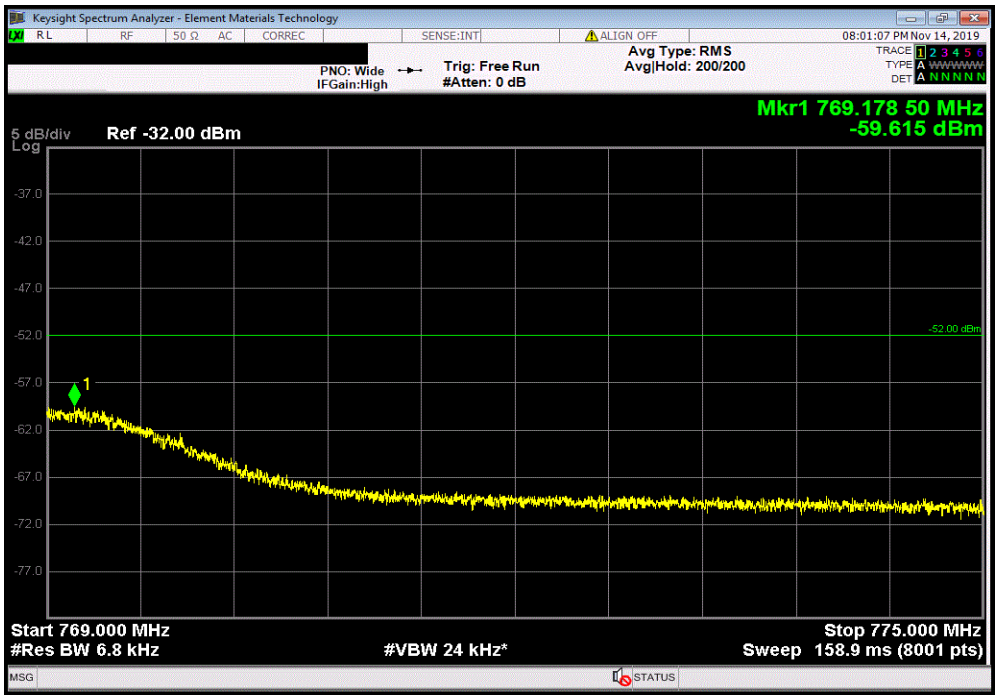
Band 14, 256QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-27.469	-19	Pass



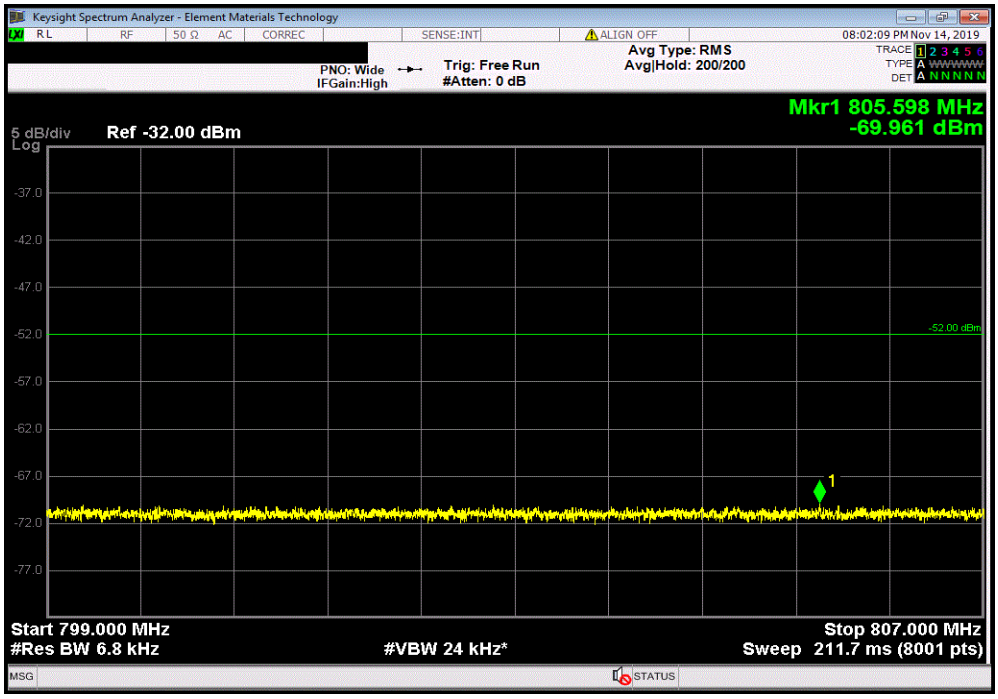
Band 14, 256QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-26.709	-19	Pass



Band 14, 256QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 3						
				Value (dBm)	Limit (dBm)	Result
				-59.615	-52	Pass



Band 14, 256QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 4						
				Value (dBm)	Limit (dBm)	Result
				-69.961	-52	Pass



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	Keysight	N5171B-506	TEW	2-May-18	2-May-21
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFM	19-Mar-19	19-Mar-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 bands were measured with the EUT set to low and high transmit frequencies in the available band. The channels closest to the band edges were selected. The EUT was transmitting at the data rate(s) listed in the datasheet. For Multiband operation, measurements were taken at the lower band edge of the lower band and the upper band edge of the upper band.

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

All limits were adjusted by a factor of [-10*log((N)] to account for the device operation as a N port MIMO transmitter, as per FCC KDB 622911.

For Bands 12 and 14, the adjustment factor is -10*log(4) = -6 dB. The Bands 12 and 14 adjusted limit is -19 dBm.
For Band 29, the adjustment factor is -10*log(2) = -3 dB. The Band 29 adjusted limit is -16 dBm.

Per FCC section 27.53(g), the power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm. The limit is adjusted to -16 dBm [-13 dBm -10 log (2)] per FCC KDB 662911D01 v02r01 because the RRH may operate as a 2 port MIMO transmitter for Band 29.

FCC 27.53(g) requires a >100 kHz measurement bandwidth for emissions 100 kHz outside of the RRH operating frequency range. FCC 27.53(g) requires a >30 kHz measurement bandwidth for emissions between 100 kHz outside of the RRH operating frequency range and band edge of the operating frequency range.

BAND EDGE COMPLIANCE

element

XMit 2019.09.05

EUT:	**AHLBBA RRH**			**Work Order:**	**NOKI0004**
Serial Number:	**K9193514835**			**Date:**	**18-Nov-19**
Customer:	**Nokia Solutions and Networks**			**Temperature:**	**22.7 °C**
Attendees:	**John Rattanavong**			**Humidity:**	**29.9% RH**
Project:	**None**			**Barometric Pres.:**	**1019 mbar**
Tested by:	**Jonathan Kiefer**	**Power:**	**54VDC**	**Job Site:**	**TX09**

TEST SPECIFICATIONS	**Test Method**
FCC 27:2019	ANSI C63.26:2015

COMMENTS

Band 29 band edge measurements. Tested on highest power antenna port (Port 1). EUT is operated at 100% duty cycle. Note: although screen capture display line is at -19 dBm, compliance limit is -16 dBm.

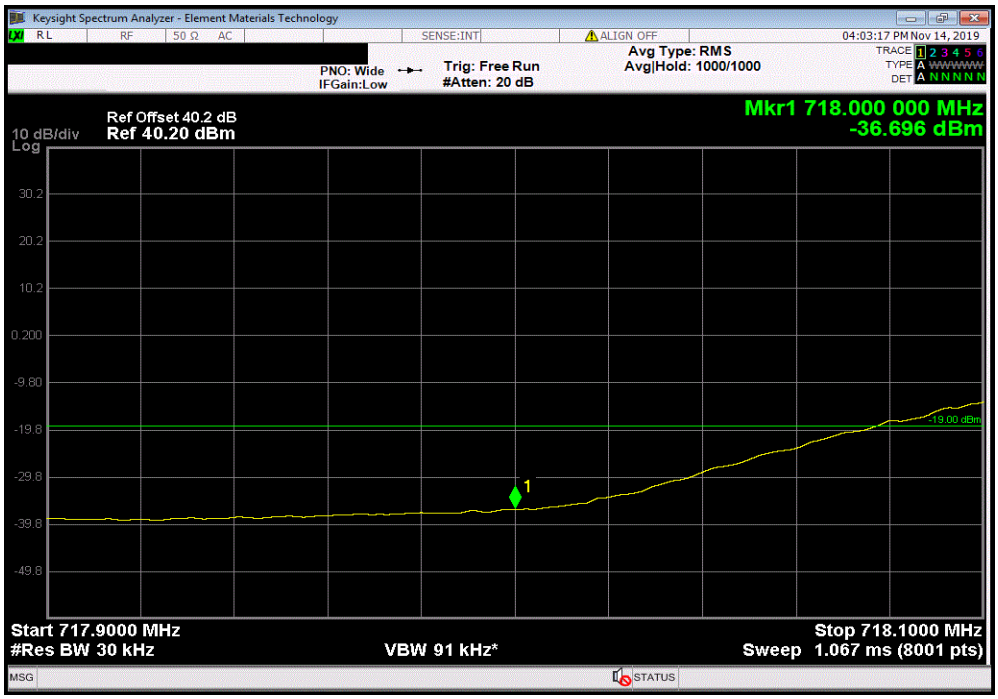
DEVIATIONS FROM TEST STANDARD

None

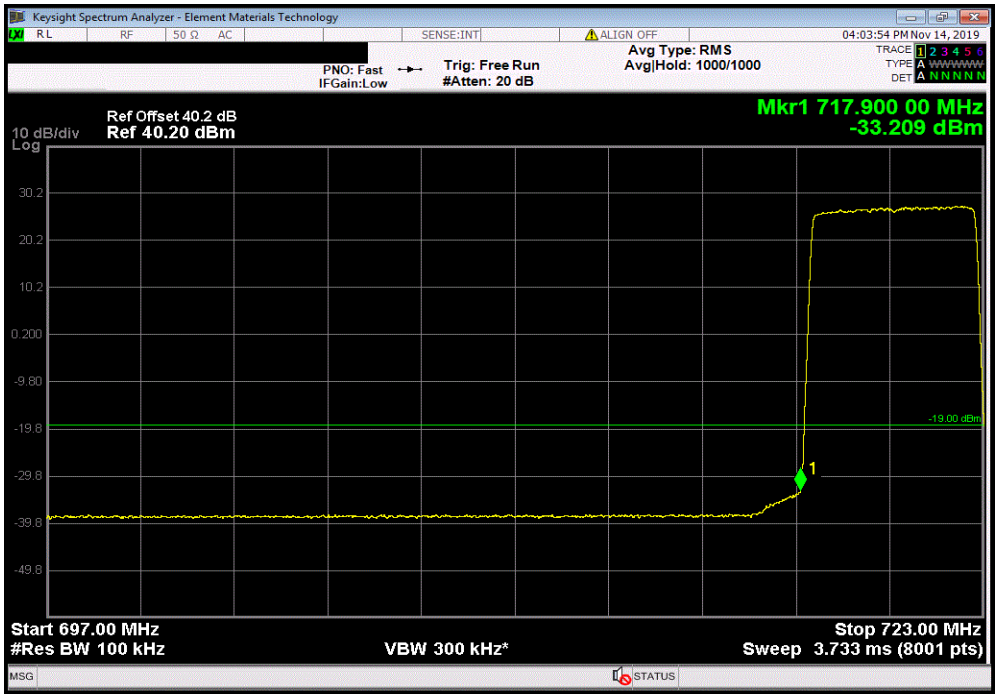
Configuration #	**2**	*Signature* Jonathan Kiefer

	Value (dBm)	**Limit (dBm)**	**Result**
Band 29			
QPSK Modulation			
LTE5 Bandwidth			
Lower Band Edge			
Measurement 1	-36.696	-16	Pass
Measurement 2	-33.209	-16	Pass
Upper Band Edge			
Measurement 1	-35.764	-16	Pass
Measurement 2	-32.316	-16	Pass
LTE10 Bandwidth			
Lower Band Edge			
Measurement 1	-32.338	-16	Pass
Measurement 2	-30.581	-16	Pass
Upper Band Edge			
Measurement 1	-38.315	-16	Pass
Measurement 2	-34.305	-16	Pass
16QAM Modulation			
LTE5 Bandwidth			
Lower Band Edge			
Measurement 1	-36.684	-16	Pass
Measurement 2	-33.493	-16	Pass
Upper Band Edge			
Measurement 1	-35.547	-16	Pass
Measurement 2	-32.809	-16	Pass
LTE10 Bandwidth			
Lower Band Edge			
Measurement 1	-40.605	-16	Pass
Measurement 2	-35.32	-16	Pass
Upper Band Edge			
Measurement 1	-38.221	-16	Pass
Measurement 2	-34.389	-16	Pass
64QAM Modulation			
LTE5 Bandwidth			
Lower Band Edge			
Measurement 1	-36.733	-16	Pass
Measurement 2	-33.067	-16	Pass
Upper Band Edge			
Measurement 1	-35.731	-16	Pass
Measurement 2	-32.166	-16	Pass
LTE10 Bandwidth			
Lower Band Edge			
Measurement 1	-40.204	-16	Pass
Measurement 2	-34.956	-16	Pass
Upper Band Edge			
Measurement 1	-38.618	-16	Pass
Measurement 2	-34.495	-16	Pass
256QAM Modulation			
LTE5 Bandwidth			
Lower Band Edge			
Measurement 1	-36.377	-16	Pass
Measurement 2	-33.144	-16	Pass
Upper Band Edge			
Measurement 1	-35.659	-16	Pass
Measurement 2	-32.343	-16	Pass
LTE10 Bandwidth			
Lower Band Edge			
Measurement 1	-40.303	-16	Pass
Measurement 2	-35.307	-16	Pass
Upper Band Edge			
Measurement 1	-38.309	-16	Pass
Measurement 2	-34.327	-16	Pass

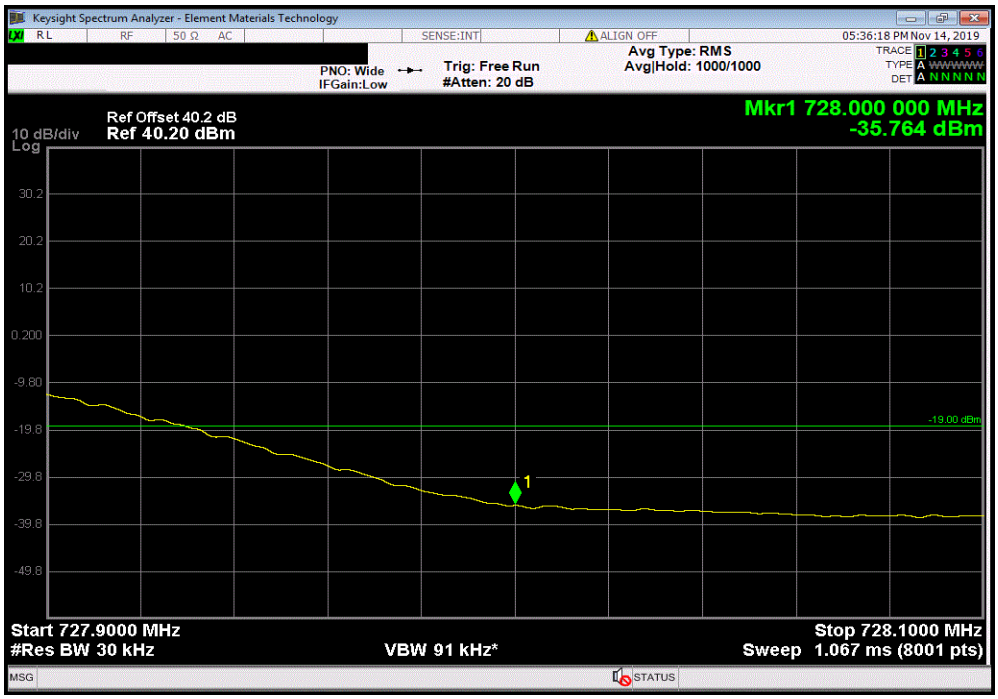
Band 29, QPSK Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-36.696	-16	Pass



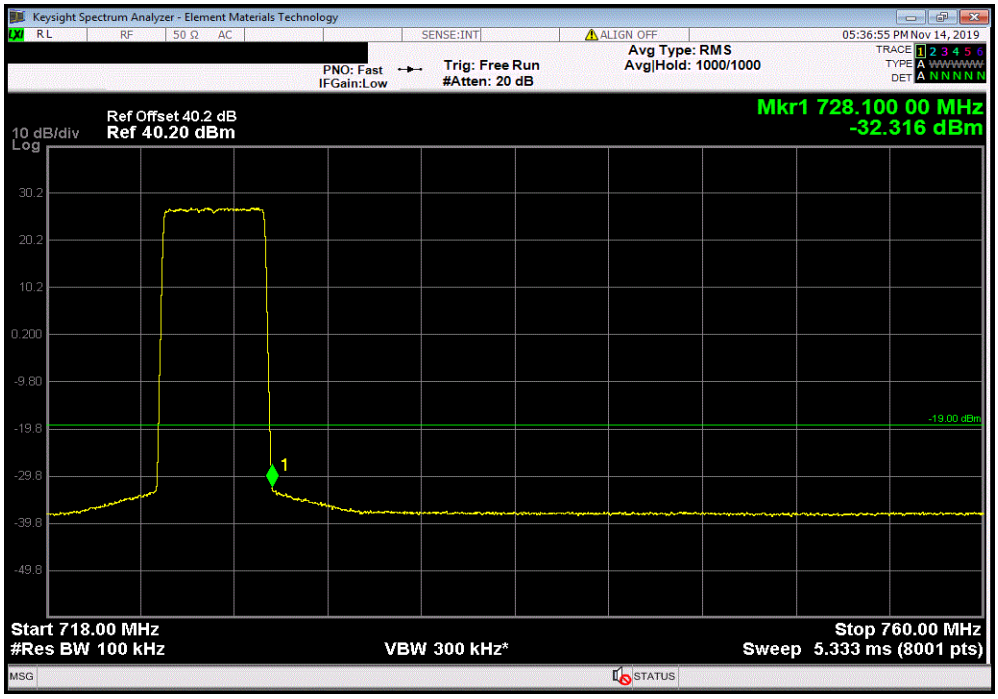
Band 29, QPSK Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-33.209	-16	Pass



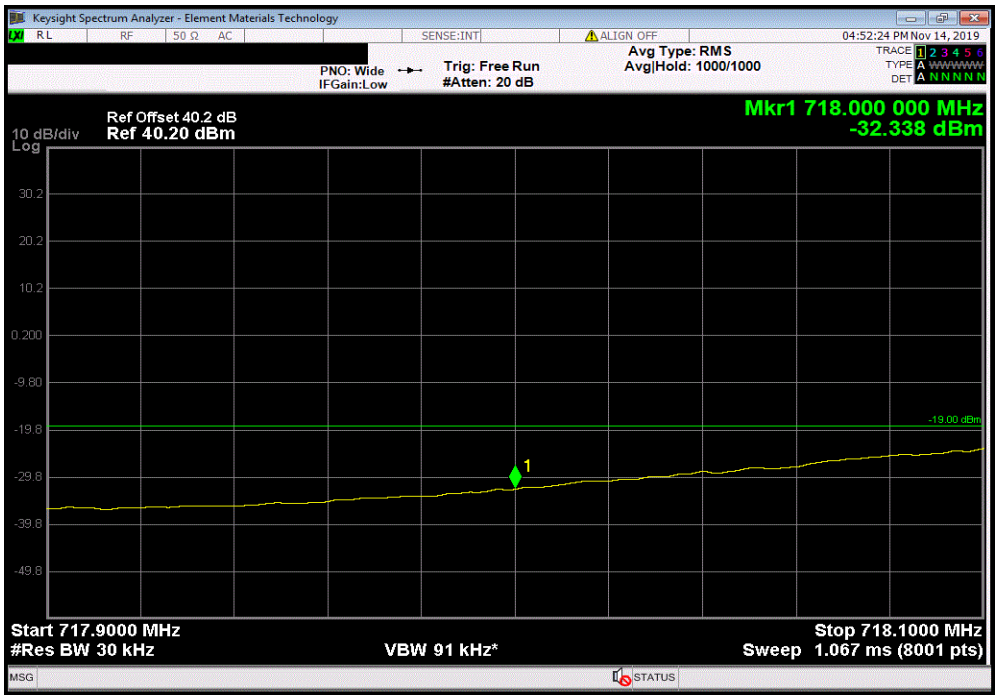
Band 29, QPSK Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-35.764	-16	Pass



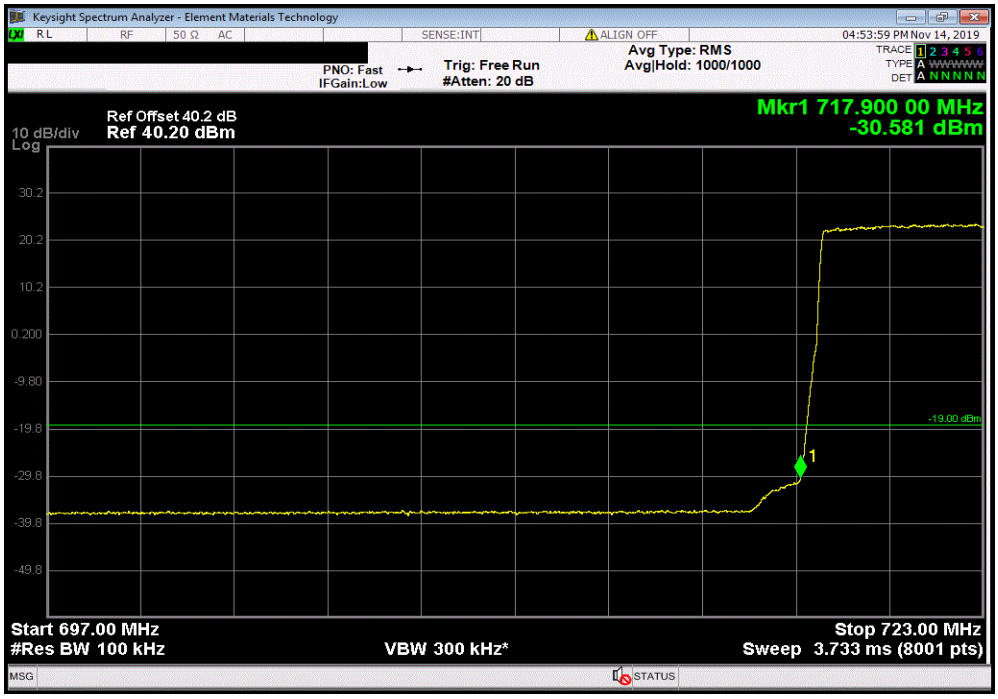
Band 29, QPSK Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-32.316	-16	Pass



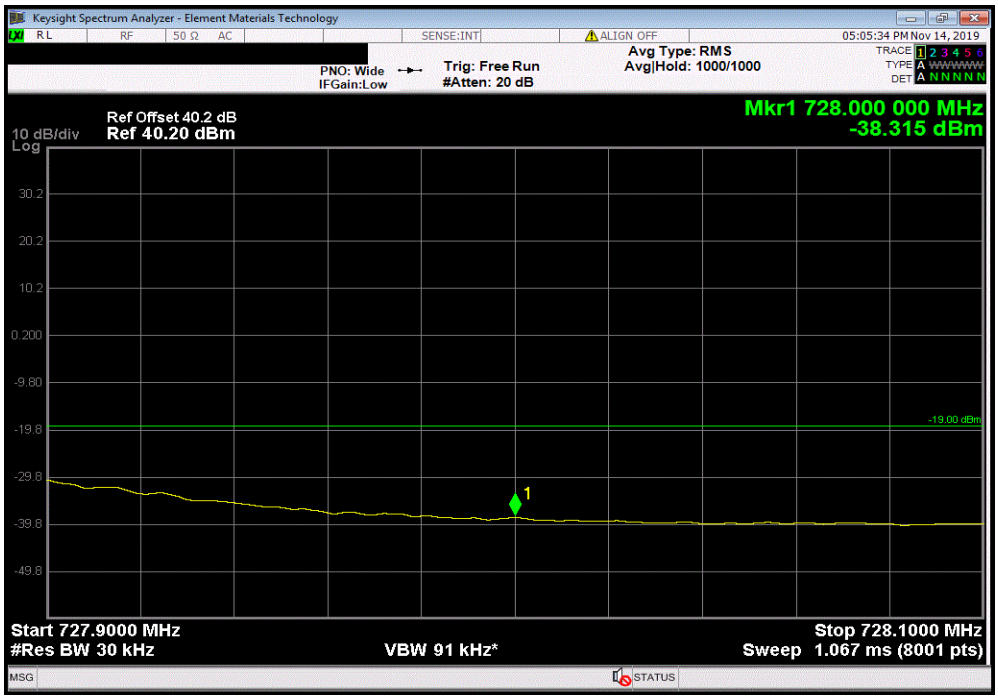
Band 29, QPSK Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-32.338	-16	Pass



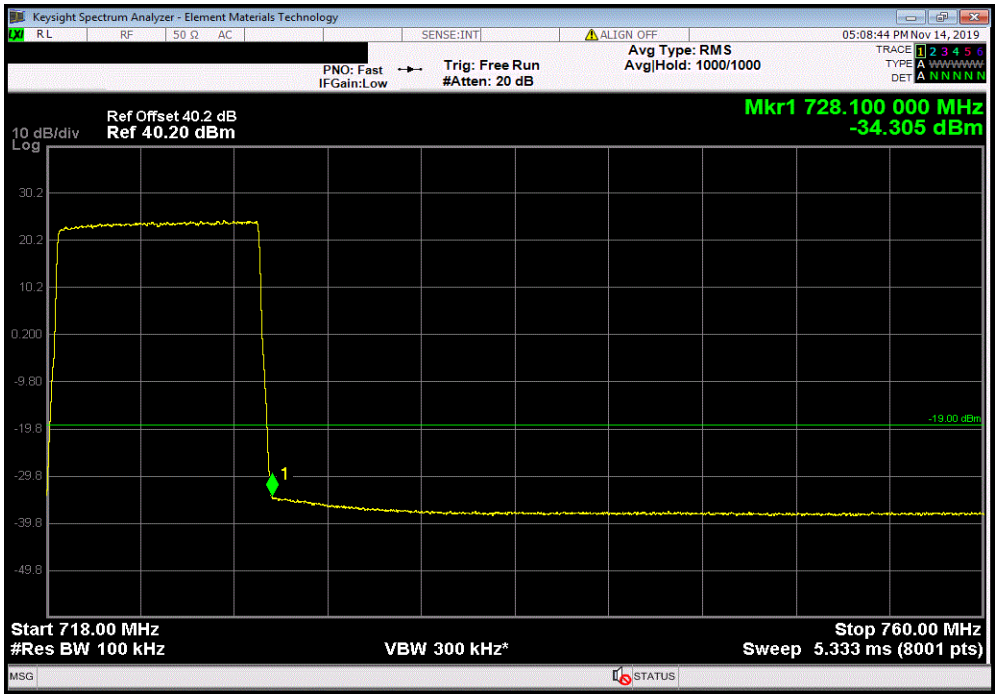
Band 29, QPSK Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-30.581	-16	Pass



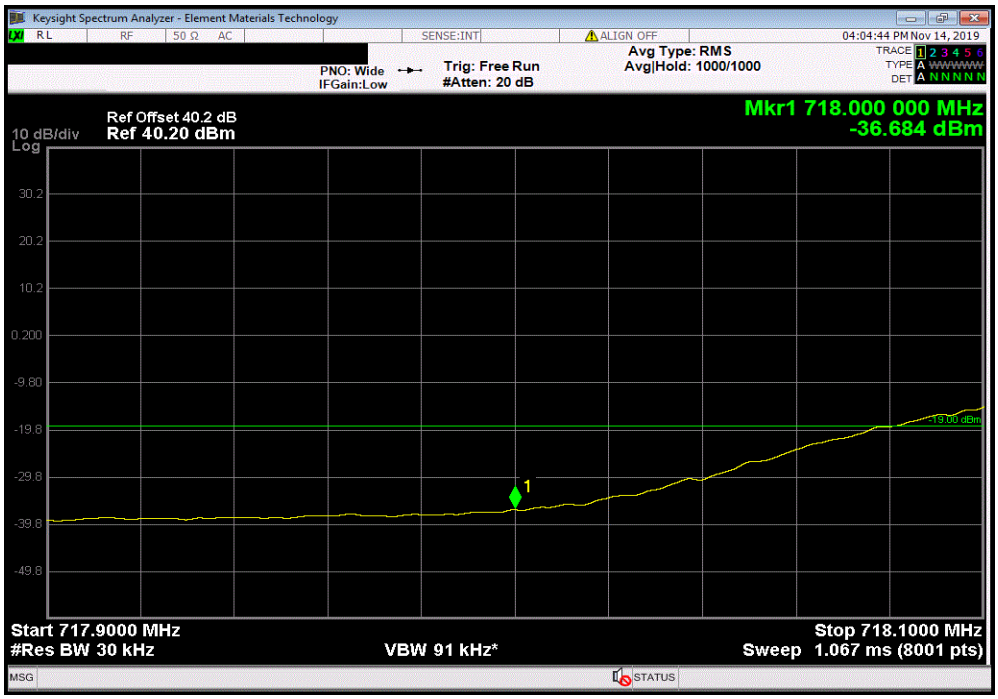
Band 29, QPSK Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-38.315	-16	Pass



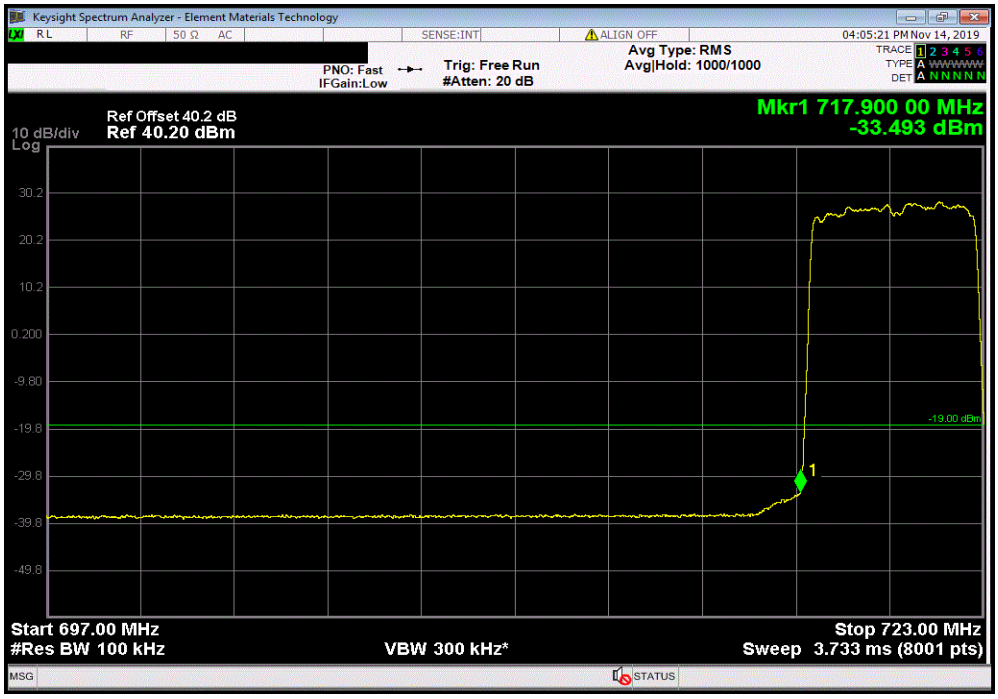
Band 29, QPSK Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-34.305	-16	Pass



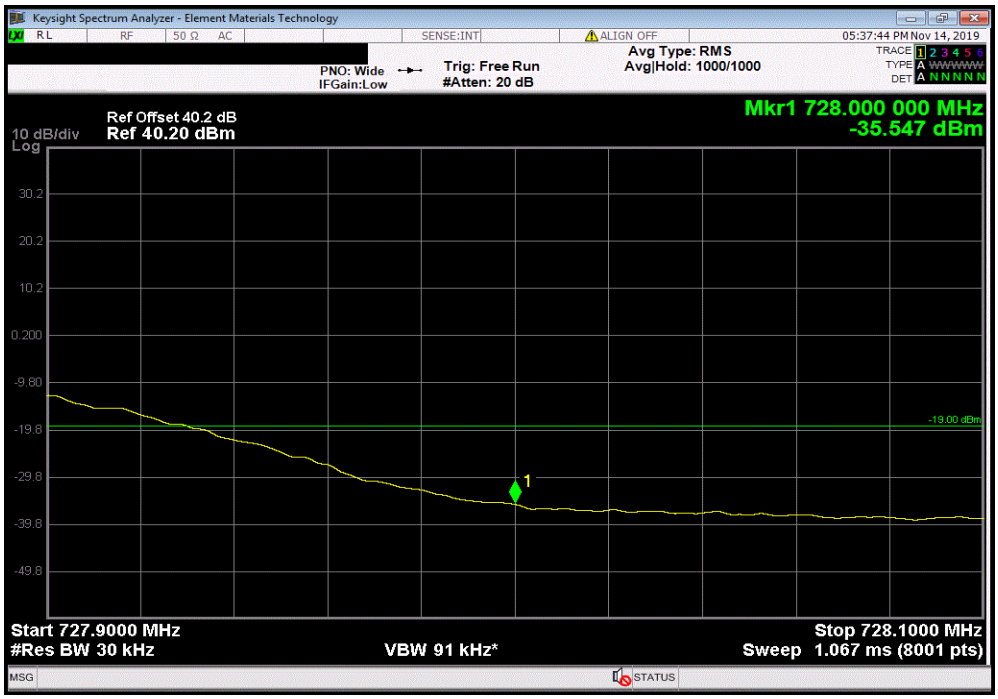
Band 29, 16QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-36.684	-16	Pass



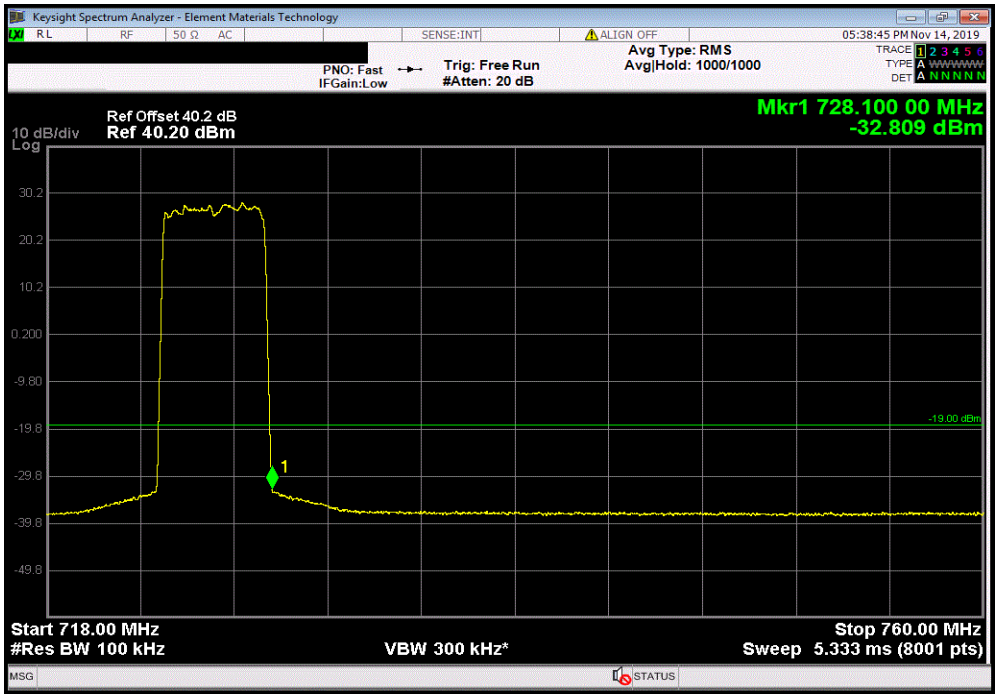
Band 29, 16QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-33.493	-16	Pass



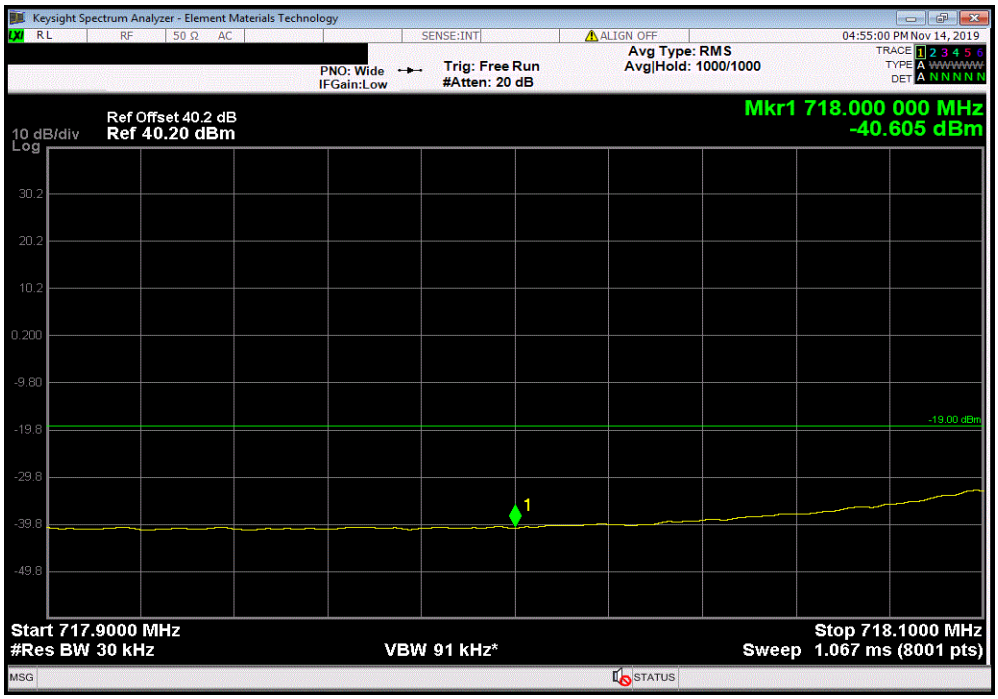
Band 29, 16QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-35.547	-16	Pass



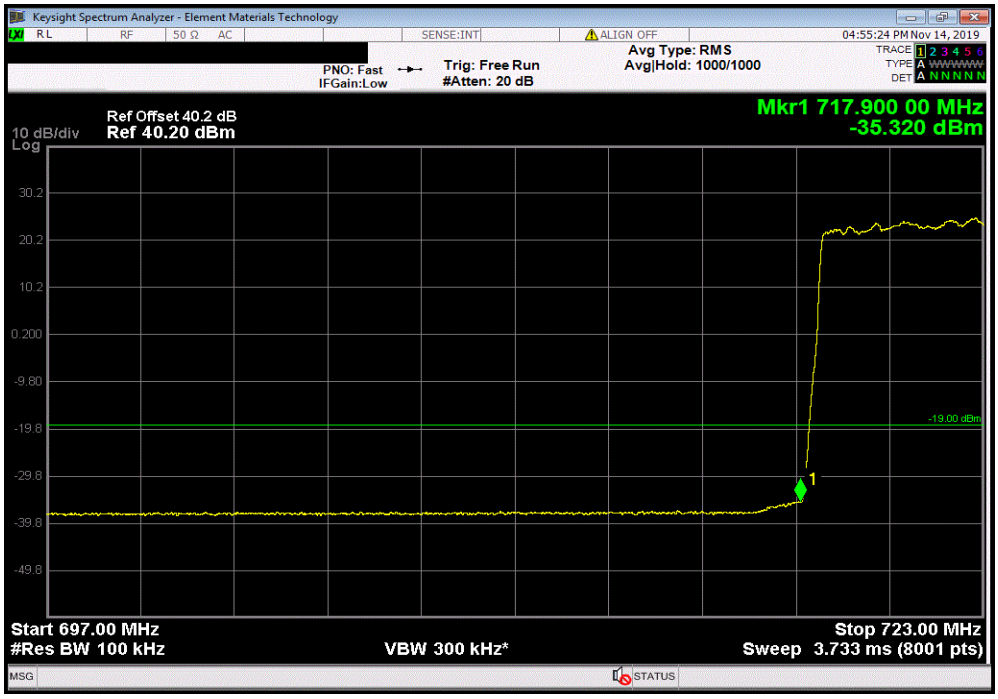
Band 29, 16QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-32.809	-16	Pass



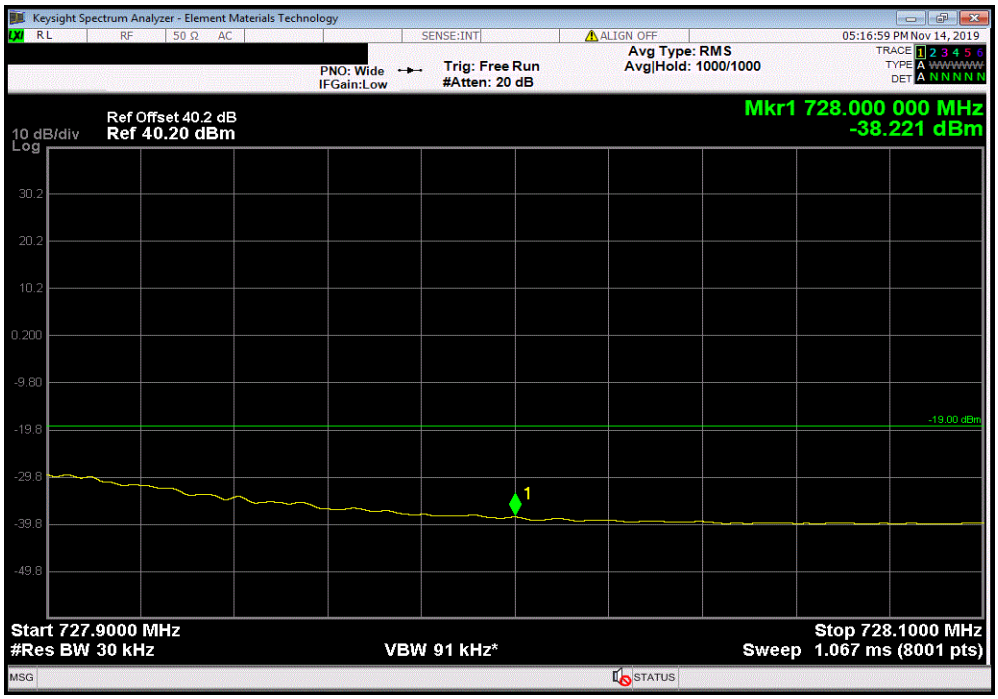
Band 29, 16QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-40.605	-16	Pass



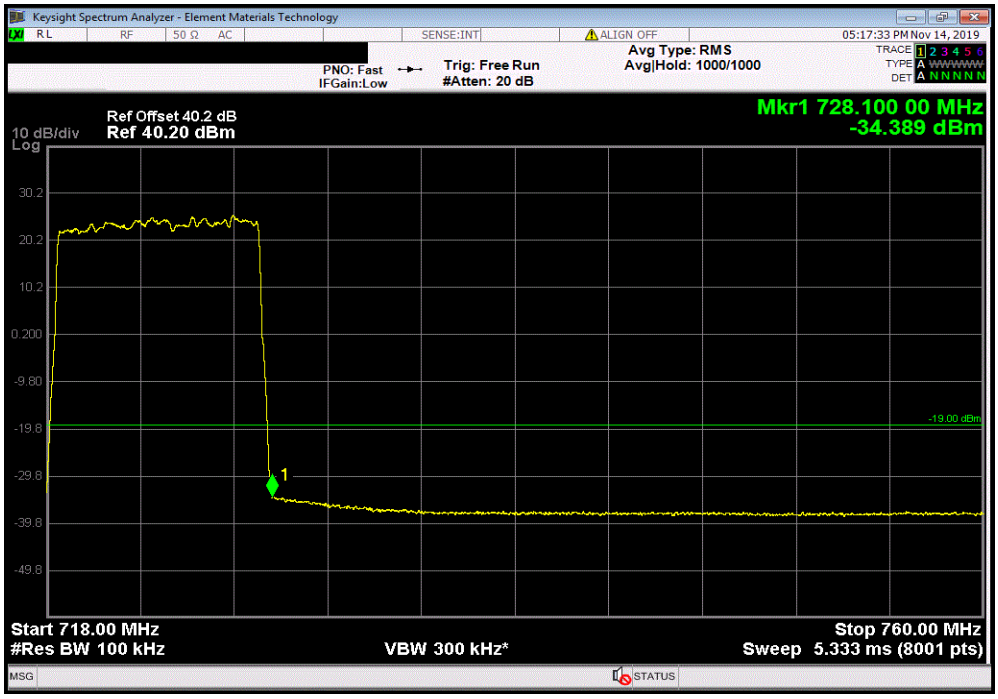
Band 29, 16QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-35.32	-16	Pass



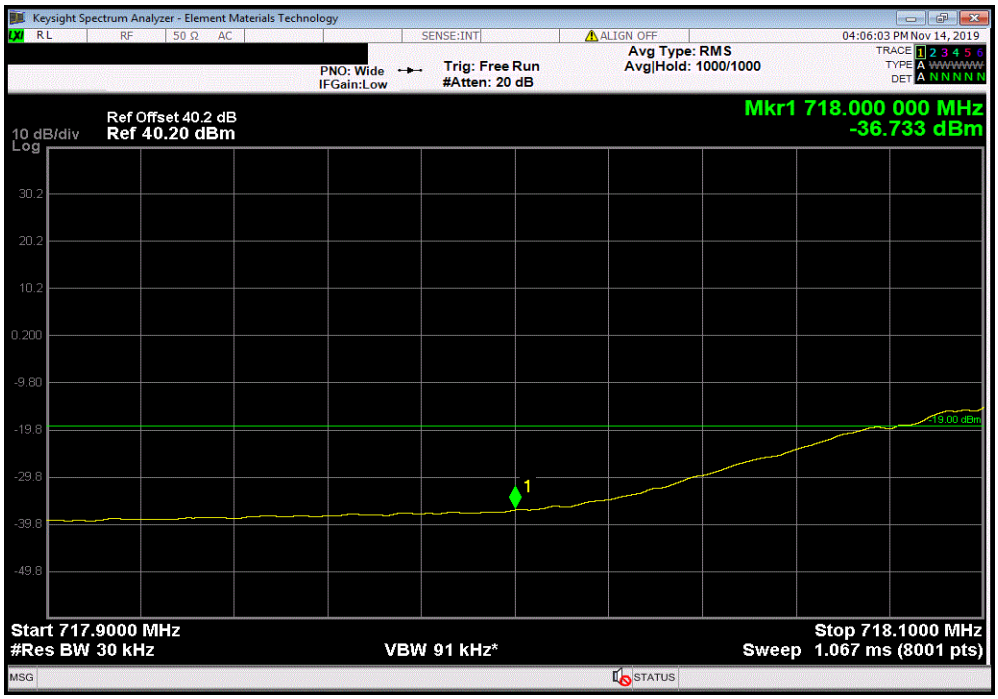
Band 29, 16QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-38.221	-16	Pass



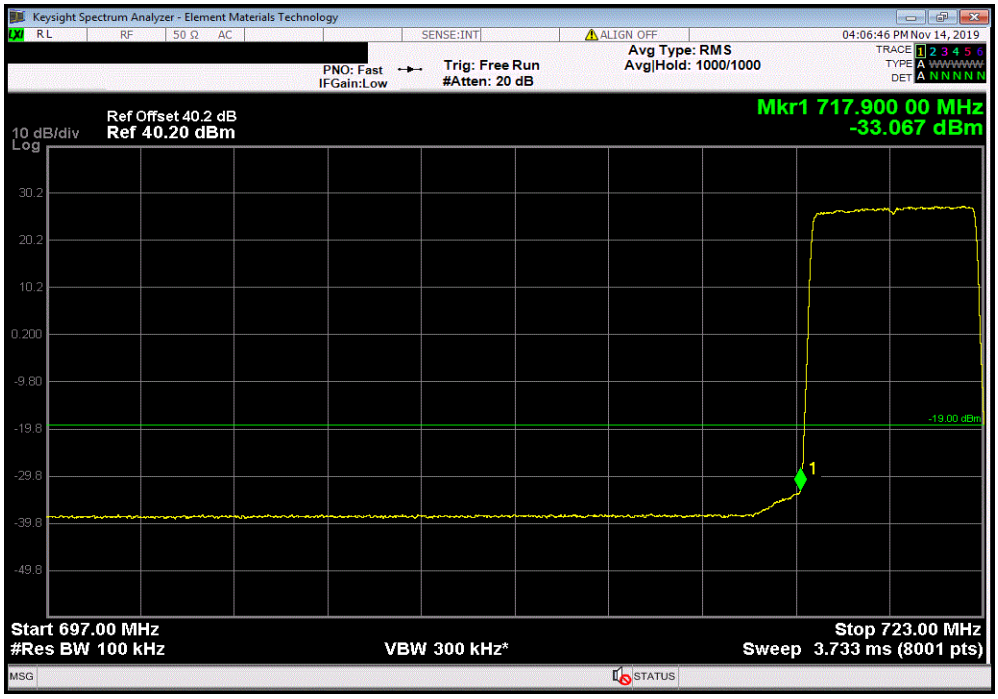
Band 29, 16QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-34.389	-16	Pass



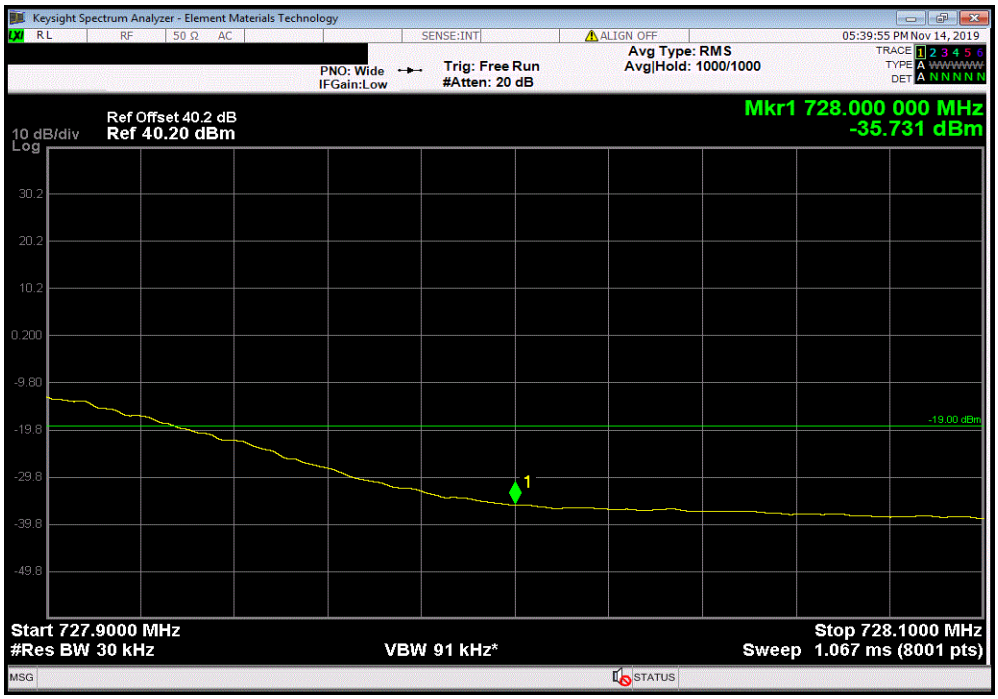
Band 29, 64QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-36.733	-16	Pass



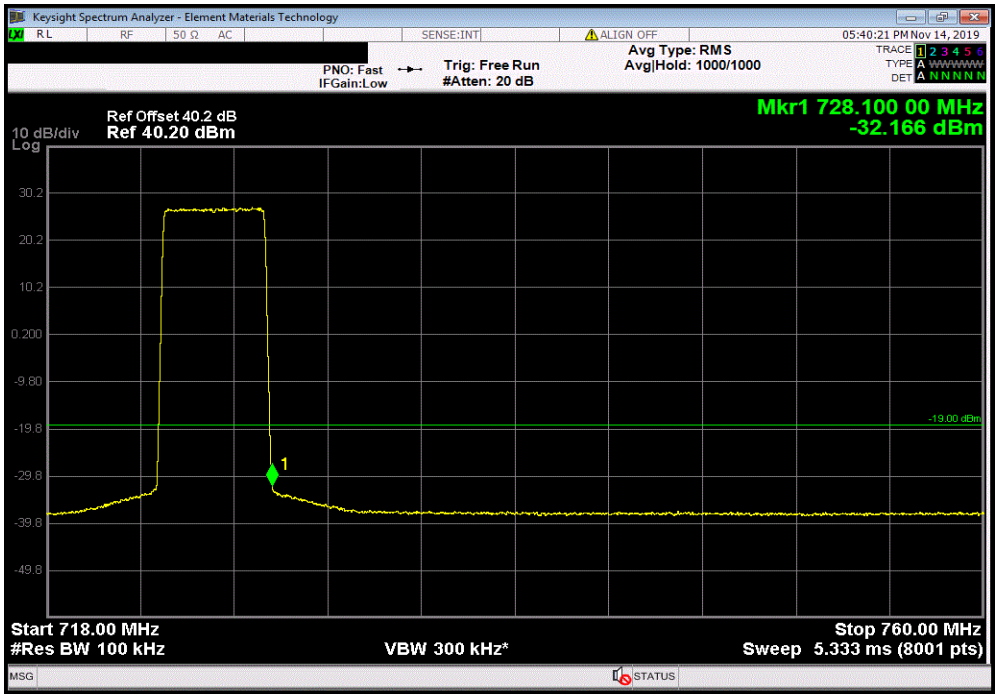
Band 29, 64QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-33.067	-16	Pass



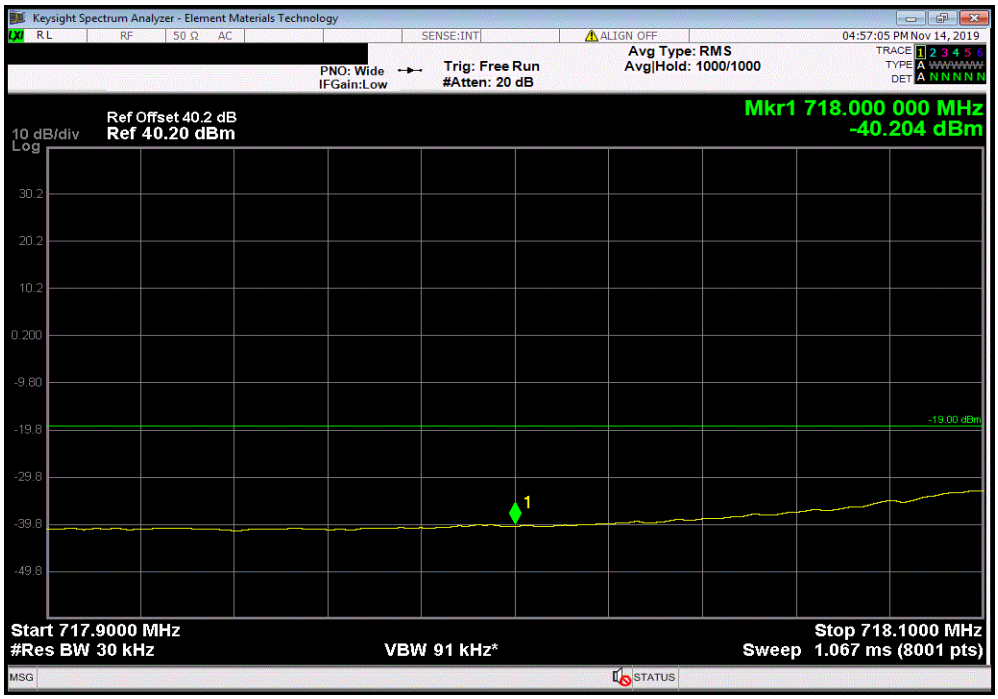
Band 29, 64QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-35.731	-16	Pass



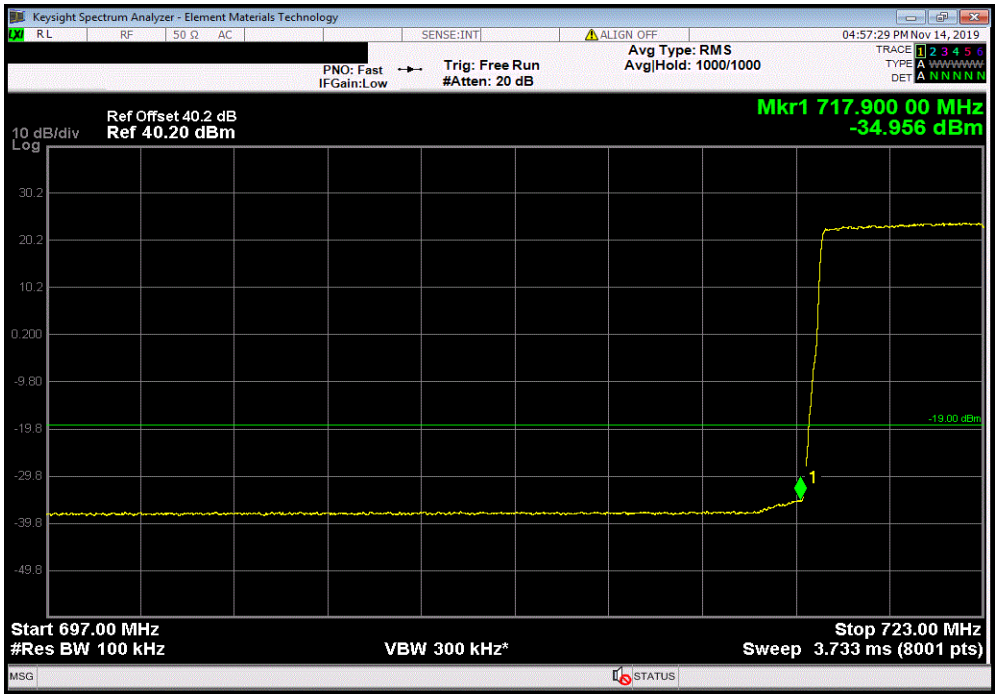
Band 29, 64QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-32.166	-16	Pass



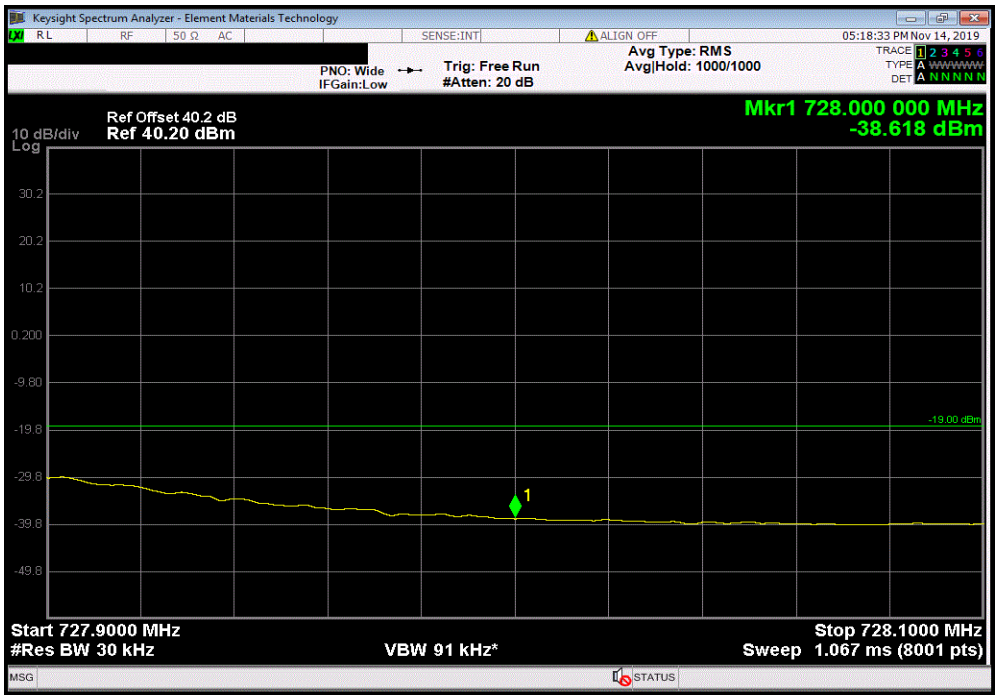
Band 29, 64QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-40.204	-16	Pass



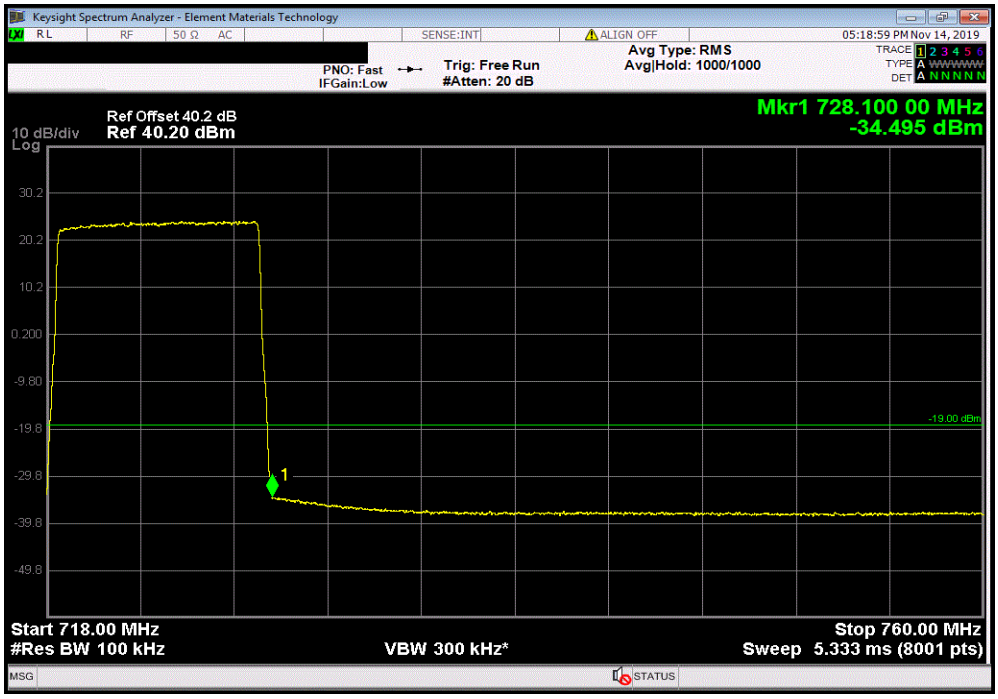
Band 29, 64QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-34.956	-16	Pass



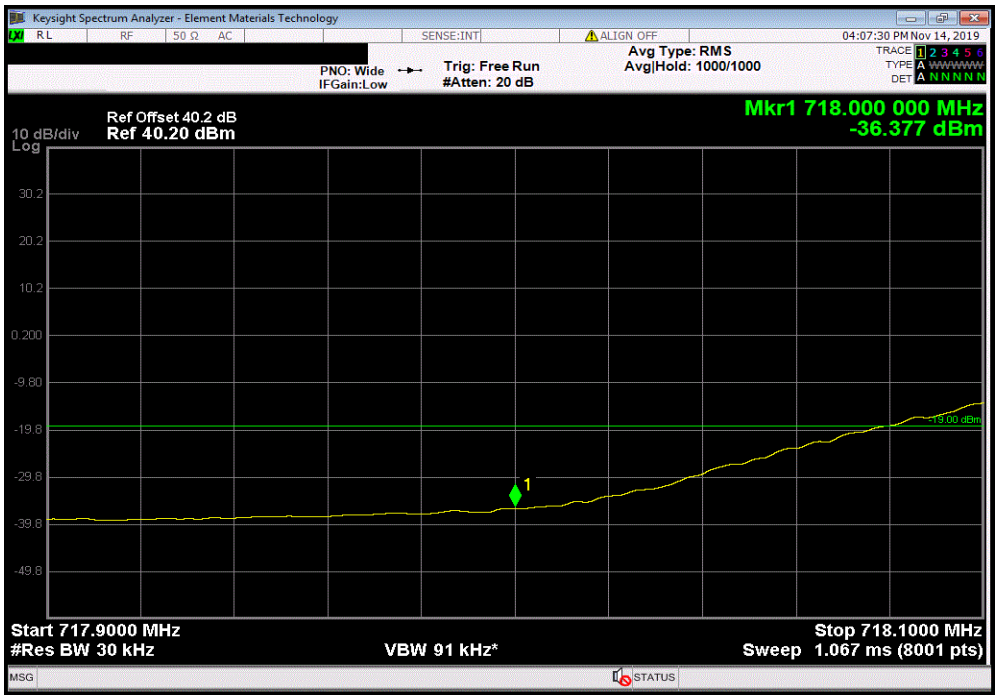
Band 29, 64QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-38.618	-16	Pass



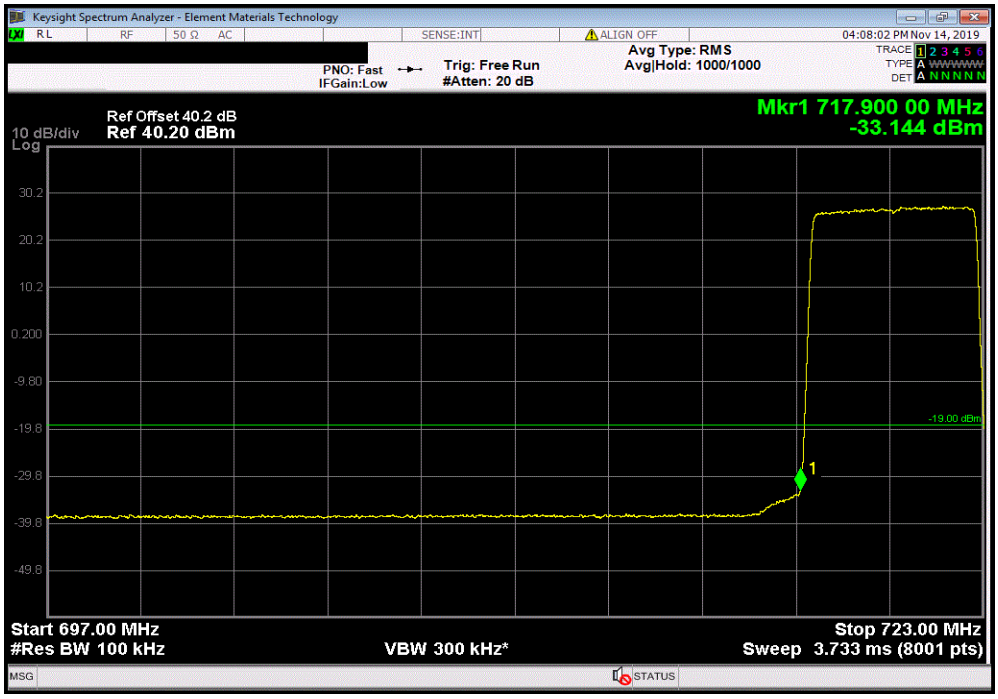
Band 29, 64QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-34.495	-16	Pass



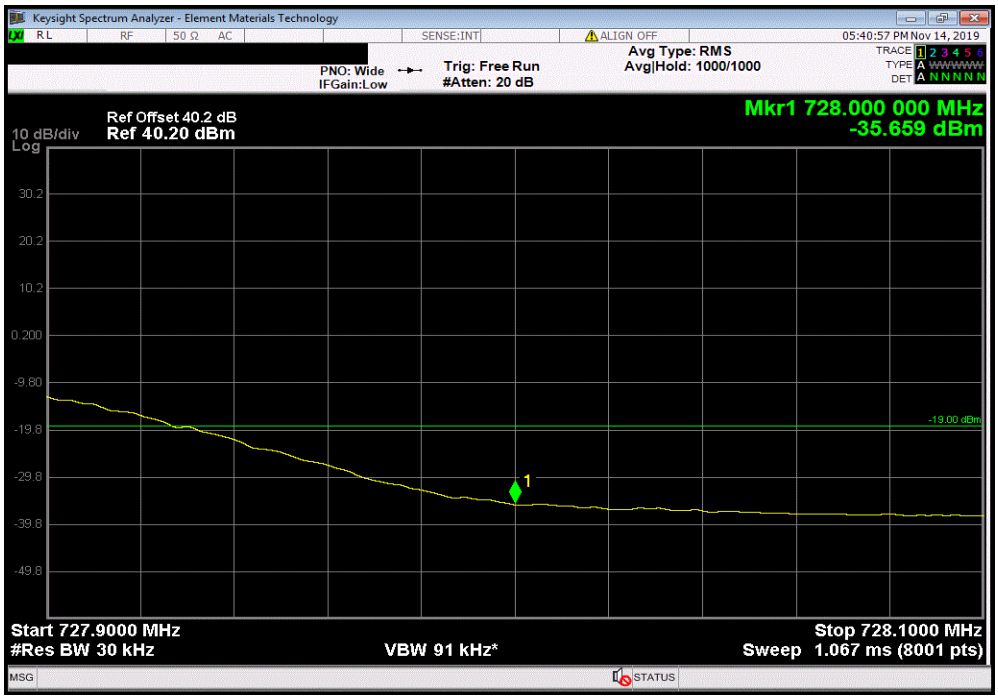
Band 29, 256QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-36.377	-16	Pass



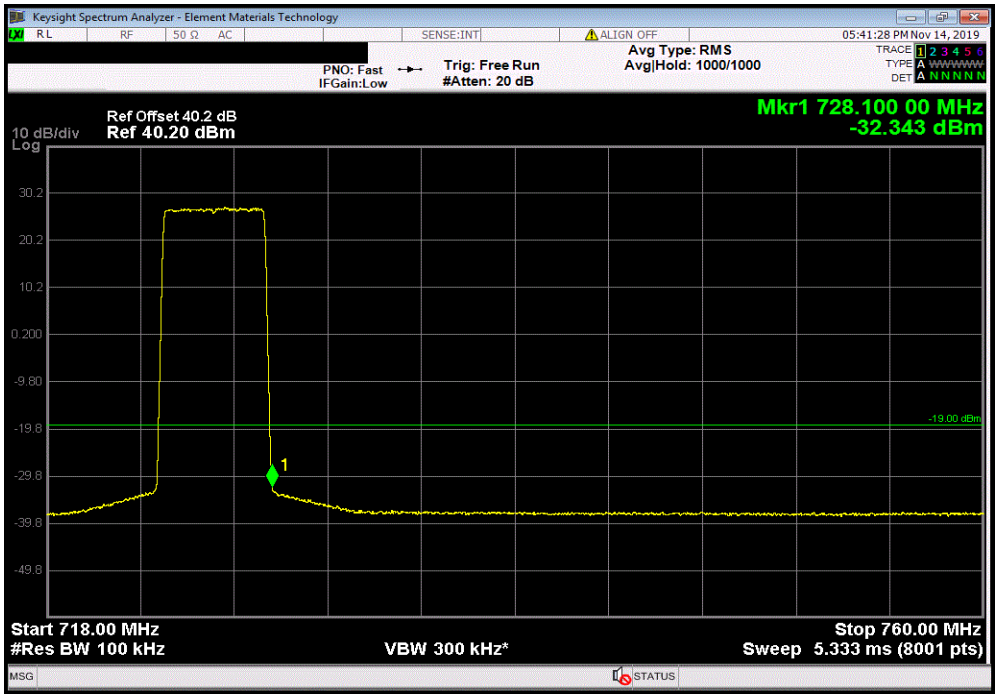
Band 29, 256QAM Modulation, LTE5 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-33.144	-16	Pass



Band 29, 256QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-35.659	-16	Pass



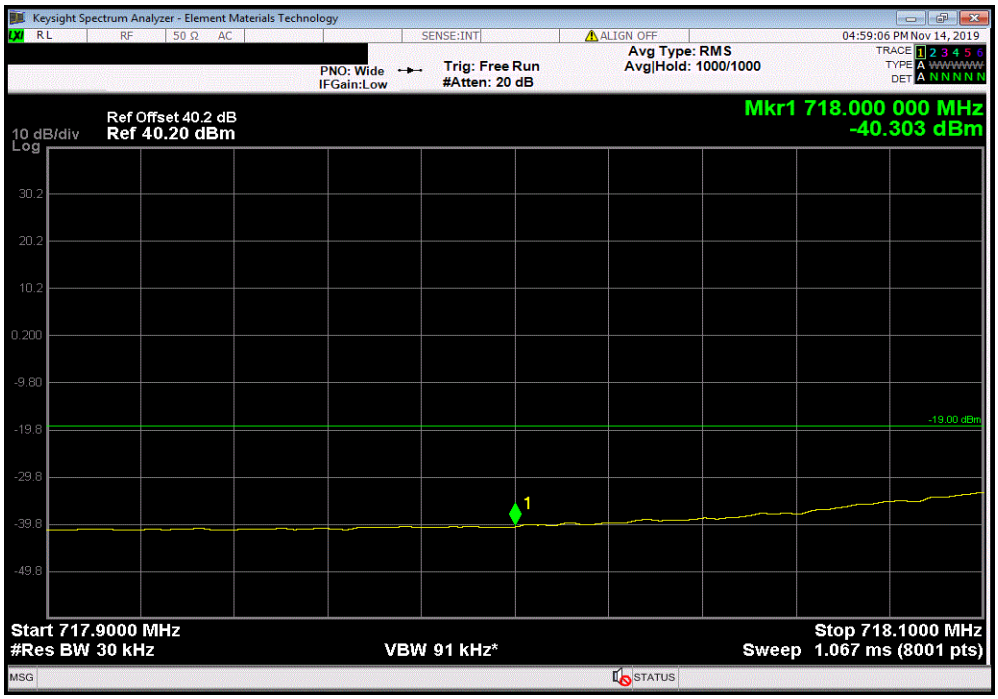
Band 29, 256QAM Modulation, LTE5 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-32.343	-16	Pass



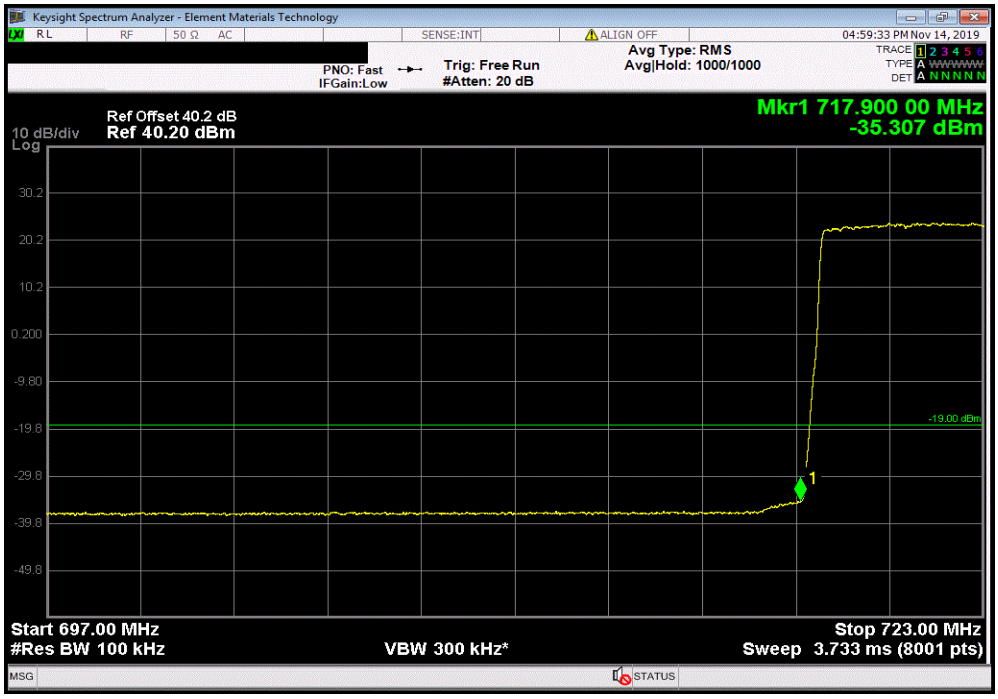
BAND EDGE COMPLIANCE

XMit 2019.09.05

Band 29, 256QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-40.303	-16	Pass



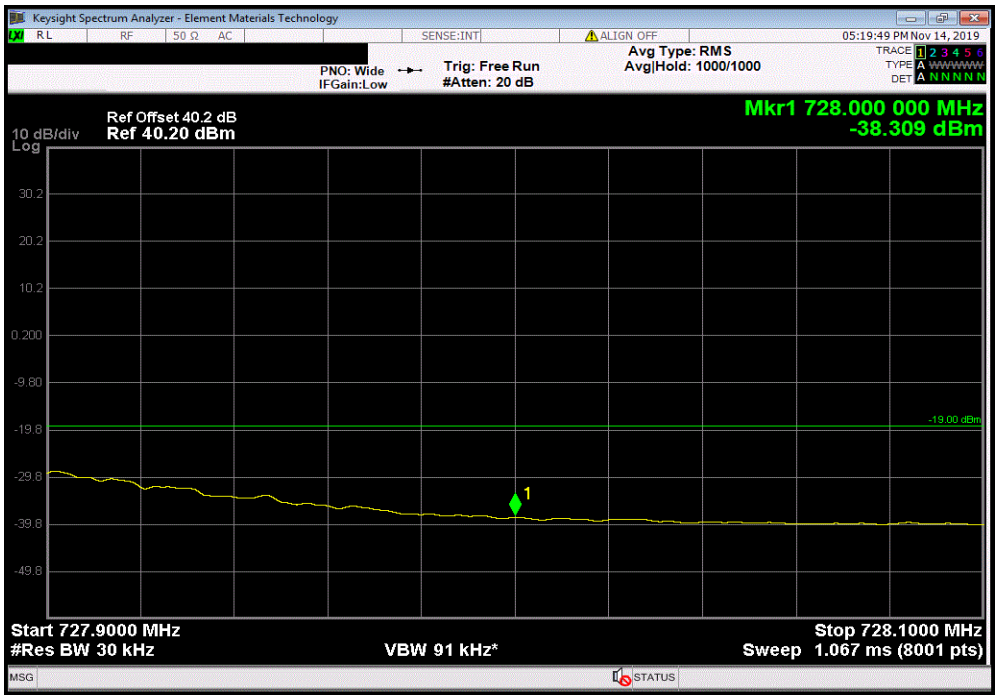
Band 29, 256QAM Modulation, LTE10 Bandwidth, Lower Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-35.307	-16	Pass



BAND EDGE COMPLIANCE

XMit 2019.09.05

Band 29, 256QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 1						
				Value (dBm)	Limit (dBm)	Result
				-38.309	-16	Pass



Band 29, 256QAM Modulation, LTE10 Bandwidth, Upper Band Edge, Measurement 2						
				Value (dBm)	Limit (dBm)	Result
				-34.327	-16	Pass