

BAND EDGE BAND 2



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
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	27-Feb-20	27-Feb-21
Generator - Signal	Keysight	N5171B-506	TEW	2-May-18	2-May-21

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. Per FCC 2.1057(a)(1) and RSS Gen 6.13, the upper level of measurement is the 10th harmonic of the highest fundamental frequency.

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

All limits were adjusted by a factor of $[-10 \cdot \log(4)]$ dB to account for the device operation as a 4 port MIMO transmitter, as per FCC KDB 622911.

Per FCC 24.238(a) and RSS 133 6.5.1 (i). the power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm. The limit is adjusted to -19 dBm $[-13 \text{ dBm} - 10 \log(4)]$ per FCC KDB 662911D01 v02r01 because the BTS may operate as a 4 port MIMO transmitter.

Per FCC 24.238(b) and RSS 133 6.5.1 (i). emissions seen up to 1 MHz outside of authorized operating frequency range band edges shall be measured with a RBW of 1% of the measured emission bandwidth. Any emission seen to be > 1 MHz further outside the band edges shall be measured with a RBW of 1 MHz. However, a narrower RBW of at least 1% of the emission bandwidth is still allowed provided that the measured power is integrated over the full reference bandwidth of 1 MHz.

BAND EDGE BAND 2



XMIT 2020 03 25 0

EUT: AHFIC		Work Order: NOKI0007
Serial Number: K9180317594		Date: 8-Apr-20
Customer: Nokia Solutions and Networks		Temperature: 21.9 °C
Attendees: Mitch Hill, John Rattanavong		Humidity: 50.1% RH
Project: None		Barometric Pres.: 1015 mbar
Tested by: Brandon Hobbs	Power: 54 VDC	Job Site: TX03
TEST SPECIFICATIONS		
FCC 24E:2020		Test Method
RSS-133:2018		ANSI C63.26:2015
COMMENTS		RSS-133:2018
All measurement path losses were accounted for in the reference level offset including any attenuators, filters and DC blocks. The hottest port was used for testing. The worst case port was determined in the original client test report. The carrier power was set to maximum for all testing.		
DEVIATIONS FROM TEST STANDARD		
None		
Configuration #	6	Signature
		Value Limit Result
5G Band 2, 1930 MHz - 1990 MHz, Port 7		
5 MHz Bandwidth		
QPSK Modulation		
Low Channel 1932.5 MHz		
Frequency Range 1		-21.4 -19 Pass
Frequency Range 2		-22.0 -19 Pass
Frequency Range 3		-21.9 -19 Pass
High Channel 1987.5 MHz		
Frequency Range 1		-21.7 -19 Pass
Frequency Range 2		-23.6 -19 Pass
Frequency Range 3		-23.9 -19 Pass
16-QAM Modulation		
Low Channel 1932.5 MHz		
Frequency Range 1		-23.4 -19 Pass
Frequency Range 2		-22.1 -19 Pass
Frequency Range 3		-21.4 -19 Pass
High Channel 1987.5 MHz		
Frequency Range 1		-20.0 -19 Pass
Frequency Range 2		-23.6 -19 Pass
Frequency Range 3		-24.2 -19 Pass
64-QAM Modulation		
Low Channel 1932.5 MHz		
Frequency Range 1		-21.2 -19 Pass
Frequency Range 2		-22.4 -19 Pass
Frequency Range 3		-21.9 -19 Pass
High Channel 1987.5 MHz		
Frequency Range 1		-22.2 -19 Pass
Frequency Range 2		-24.3 -19 Pass
Frequency Range 3		-24.2 -19 Pass
256-QAM Modulation		
Low Channel 1932.5 MHz		
Frequency Range 1		-22.0 -19 Pass
Frequency Range 2		-22.2 -19 Pass
Frequency Range 3		-22.2 -19 Pass
High Channel 1987.5 MHz		
Frequency Range 1		-22.0 -19 Pass
Frequency Range 2		-24.1 -19 Pass
Frequency Range 3		-23.9 -19 Pass
10 MHz Bandwidth		
QPSK Modulation		
Low Channel 1935 MHz		
Frequency Range 1		-24.9 -19 Pass
Frequency Range 2		-24.8 -19 Pass
Frequency Range 3		-24.7 -19 Pass
High Channel 1985 MHz		
Frequency Range 1		-26.0 -19 Pass
Frequency Range 2		-25.1 -19 Pass
Frequency Range 3		-24.5 -19 Pass
16-QAM Modulation		
Low Channel 1935 MHz		
Frequency Range 1		-26.6 -19 Pass
Frequency Range 2		-25.4 -19 Pass
Frequency Range 3		-24.8 -19 Pass
High Channel 1985 MHz		
Frequency Range 1		-26.8 -19 Pass
Frequency Range 2		-25.2 -19 Pass
Frequency Range 3		-25.1 -19 Pass
64-QAM Modulation		
Low Channel 1935 MHz		
Frequency Range 1		-25.5 -19 Pass
Frequency Range 2		-25.3 -19 Pass
Frequency Range 3		-24.8 -19 Pass
High Channel 1985 MHz		
Frequency Range 1		-25.7 -19 Pass
Frequency Range 2		-25.2 -19 Pass
Frequency Range 3		-24.9 -19 Pass
256-QAM Modulation		
Low Channel 1935 MHz		
Frequency Range 1		-24.5 -19 Pass
Frequency Range 2		-24.8 -19 Pass
Frequency Range 3		-24.4 -19 Pass
High Channel 1985 MHz		
Frequency Range 1		-25.3 -19 Pass
Frequency Range 2		-25.0 -19 Pass
Frequency Range 3		-25.0 -19 Pass
15 MHz Bandwidth		
QPSK Modulation		

Low Channel 1937.5 MHz				
Frequency Range 1	-25.4	-19	Pass	
Frequency Range 2	-26.2	-19	Pass	
Frequency Range 3	-26.0	-19	Pass	
High Channel 1982.5 MHz				
Frequency Range 1	-26.3	-19	Pass	
Frequency Range 2	-26.9	-19	Pass	
Frequency Range 3	-25.9	-19	Pass	
16-QAM Modulation				
Low Channel 1937.5 MHz				
Frequency Range 1	-26.5	-19	Pass	
Frequency Range 2	-26.9	-19	Pass	
Frequency Range 3	-26.0	-19	Pass	
High Channel 1982.5 MHz				
Frequency Range 1	-25.2	-19	Pass	
Frequency Range 2	-26.3	-19	Pass	
Frequency Range 3	-25.9	-19	Pass	
64-QAM Modulation				
Low Channel 1937.5 MHz				
Frequency Range 1	-24.6	-19	Pass	
Frequency Range 2	-26.5	-19	Pass	
Frequency Range 3	-26.2	-19	Pass	
High Channel 1982.5 MHz				
Frequency Range 1	-25.7	-19	Pass	
Frequency Range 2	-27.1	-19	Pass	
Frequency Range 3	-26.4	-19	Pass	
256-QAM Modulation				
Low Channel 1937.5 MHz				
Frequency Range 1	-25.1	-19	Pass	
Frequency Range 2	-27.1	-19	Pass	
Frequency Range 3	-26.3	-19	Pass	
High Channel 1982.5 MHz				
Frequency Range 1	-25.6	-19	Pass	
Frequency Range 2	-27.1	-19	Pass	
Frequency Range 3	-26.6	-19	Pass	
20 MHz Bandwidth				
QPSK Modulation				
Low Channel 1940 MHz				
Frequency Range 1	-23.1	-19	Pass	
Frequency Range 2	-27.5	-19	Pass	
Frequency Range 3	-26.7	-19	Pass	
High Channel 1980 MHz				
Frequency Range 1	-22.8	-19	Pass	
Frequency Range 2	-27.9	-19	Pass	
Frequency Range 3	-27.0	-19	Pass	
16-QAM Modulation				
Low Channel 1940 MHz				
Frequency Range 1	-23.7	-19	Pass	
Frequency Range 2	-27.7	-19	Pass	
Frequency Range 3	-26.7	-19	Pass	
High Channel 1980 MHz				
Frequency Range 1	-22.9	-19	Pass	
Frequency Range 2	-27.6	-19	Pass	
Frequency Range 3	-27.0	-19	Pass	
64-QAM Modulation				
Low Channel 1940 MHz				
Frequency Range 1	-23.3	-19	Pass	
Frequency Range 2	-28.2	-19	Pass	
Frequency Range 3	-27.1	-19	Pass	
High Channel 1980 MHz				
Frequency Range 1	-21.9	-19	Pass	
Frequency Range 2	-27.8	-19	Pass	
Frequency Range 3	-27.0	-19	Pass	
256-QAM Modulation				
Low Channel 1940 MHz				
Frequency Range 1	-23.6	-19	Pass	
Frequency Range 2	-28.1	-19	Pass	
Frequency Range 3	-27.1	-19	Pass	
High Channel 1980 MHz				
Frequency Range 1	-23.2	-19	Pass	
Frequency Range 2	-27.4	-19	Pass	
Frequency Range 3	-27.2	-19	Pass	

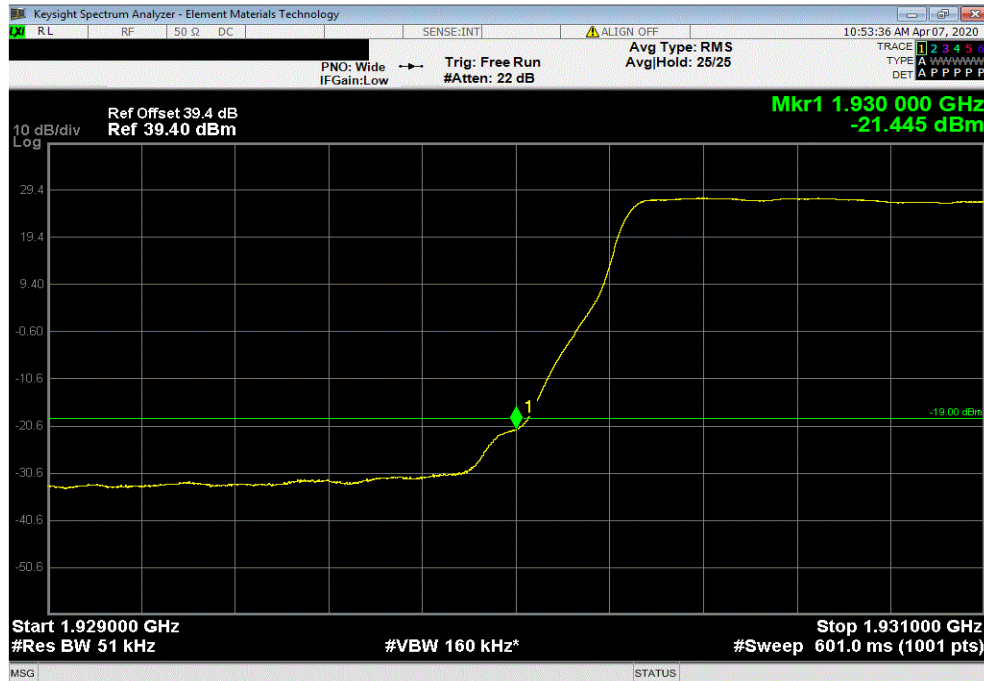
BAND EDGE BAND 2



XMR 2020.03.25.0

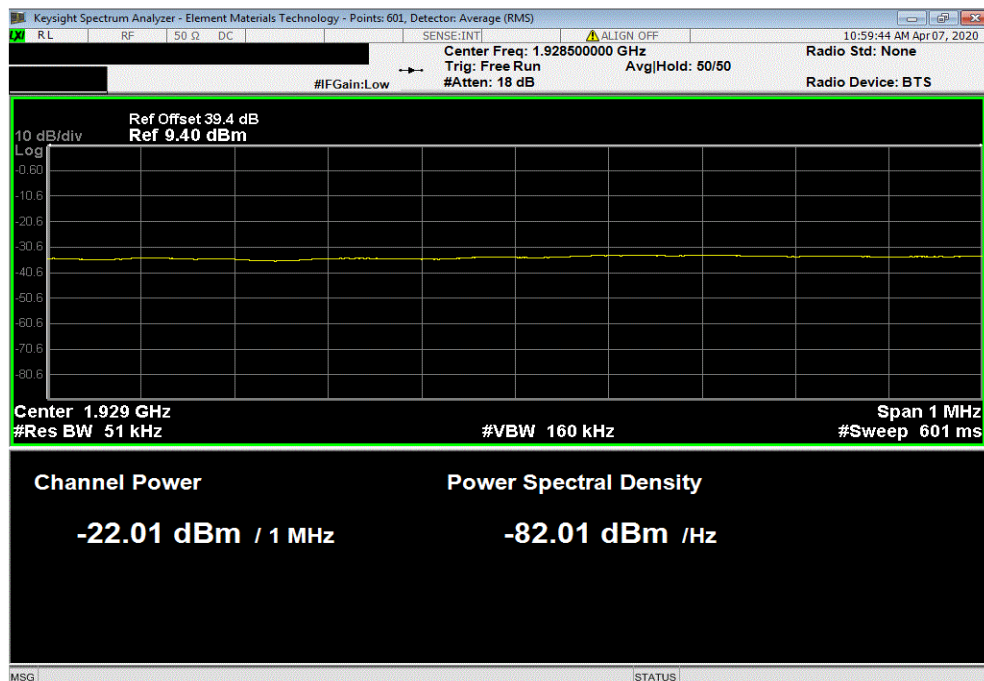
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, QPSK Modulation, Low Channel 1932.5 MHz, Frequency Range 1

				Value	Limit	Result
				-21.445	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, QPSK Modulation, Low Channel 1932.5 MHz, Frequency Range 2

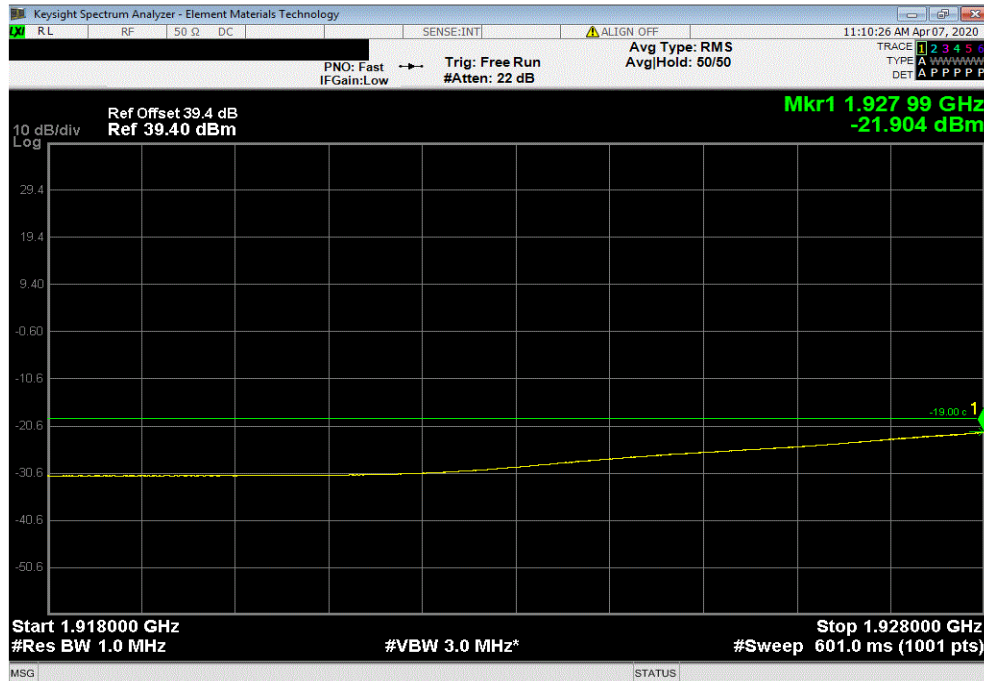
				Value	Limit	Result
				-22.01	-19	Pass



BAND EDGE BAND 2

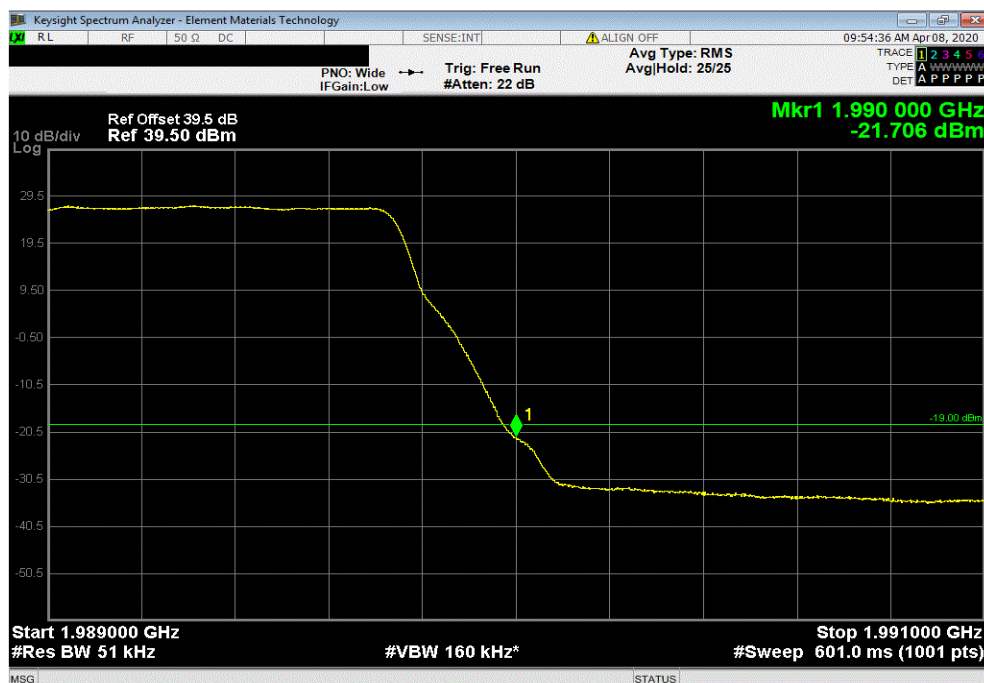
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, QPSK Modulation, Low Channel 1932.5 MHz, Frequency Range 3

				Value	Limit	Result
				-21.904	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, QPSK Modulation, High Channel 1987.5 MHz, Frequency Range 1

				Value	Limit	Result
				-21.706	-19	Pass



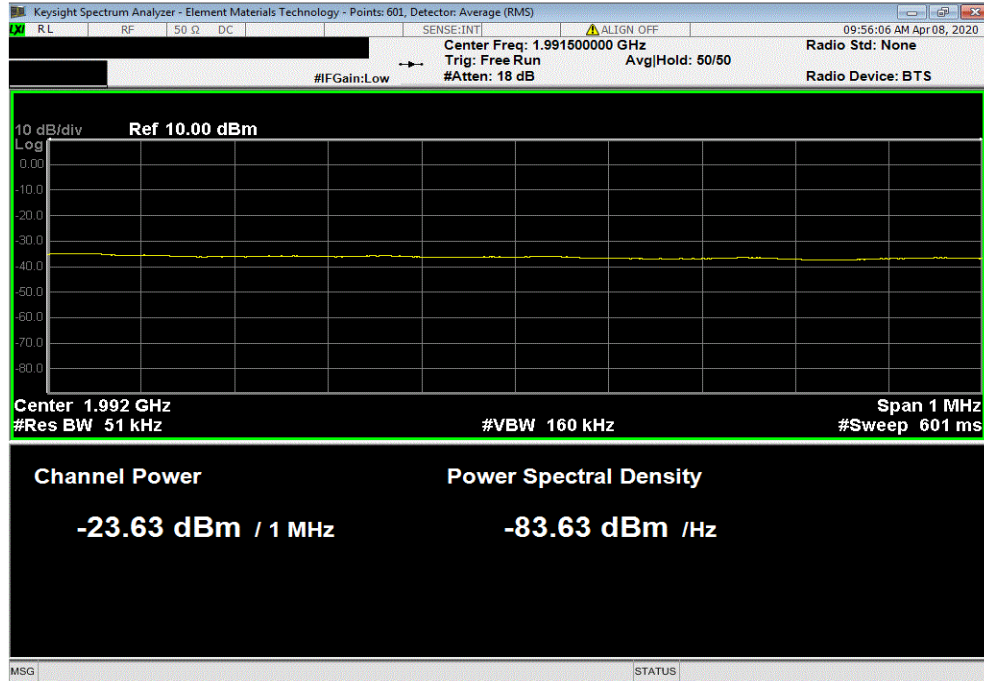
BAND EDGE BAND 2



XMR 2020.03.25.0

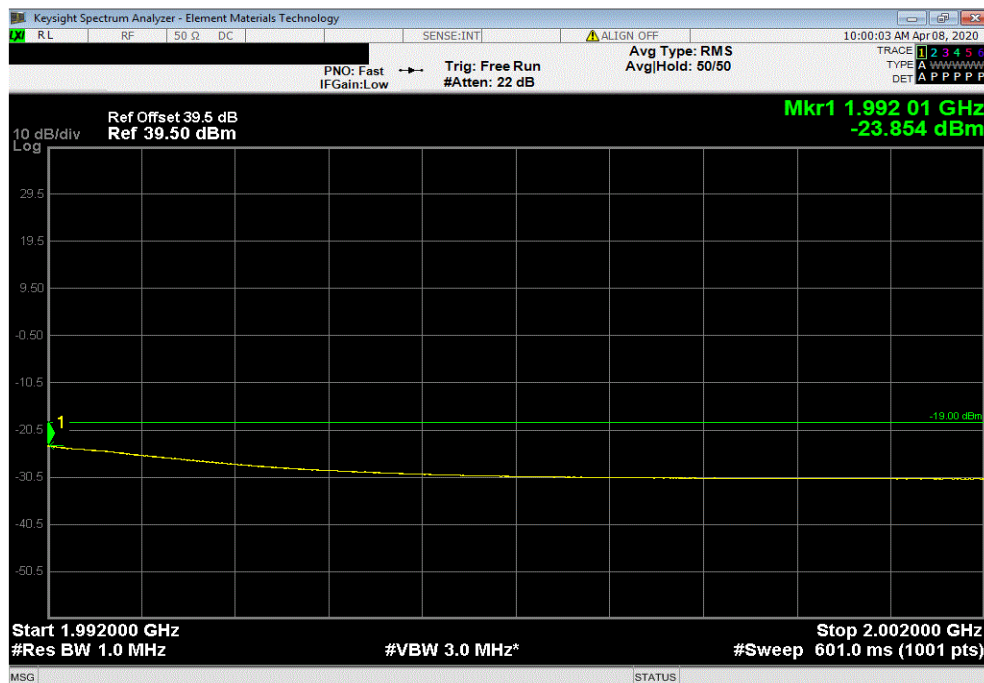
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , QPSK Modulation, High Channel 1987.5 MHz, Frequency Range 2

				Value	Limit	Result
				-23.63	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , QPSK Modulation, High Channel 1987.5 MHz, Frequency Range 3

				Value	Limit	Result
				-23.854	-19	Pass



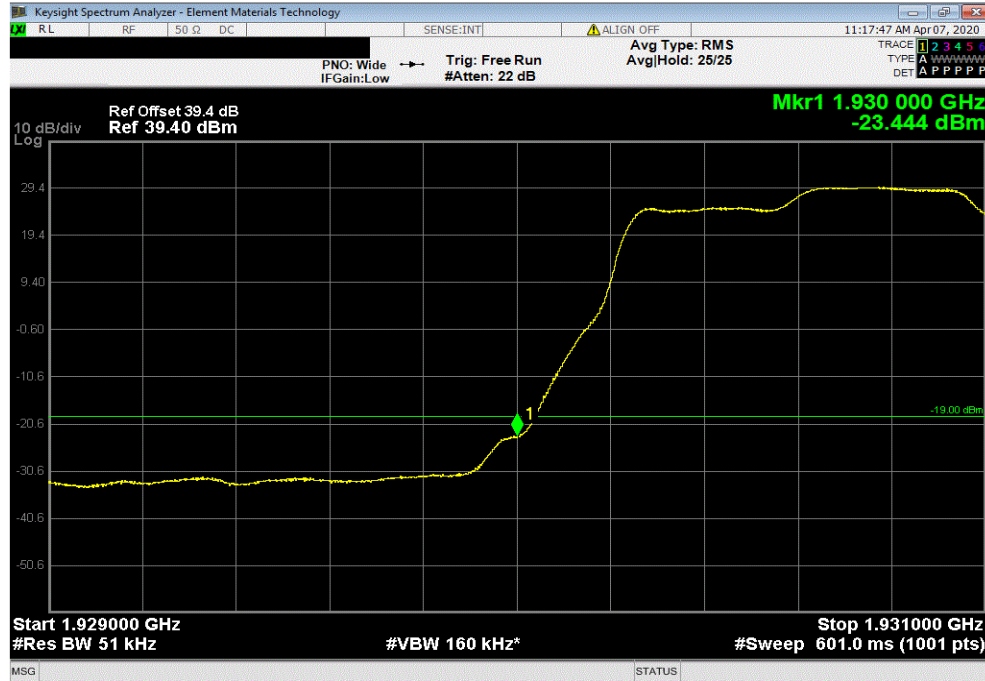
BAND EDGE BAND 2



XMI 2020.03.25.0

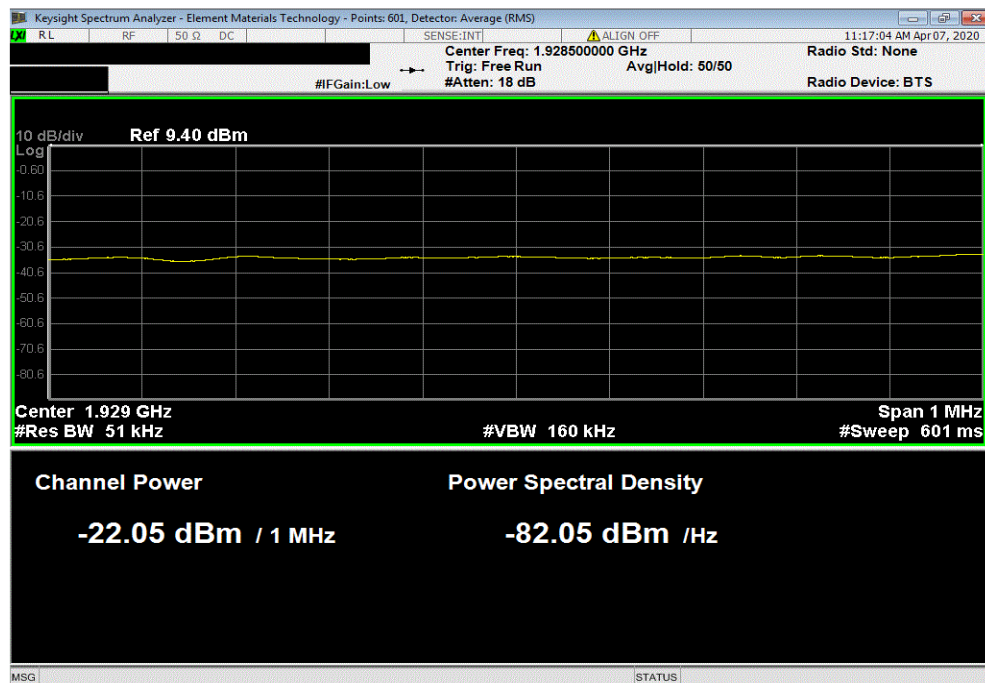
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, 16-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 1

				Value	Limit	Result
				-23.444	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, 16-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 2

				Value	Limit	Result
				-22.05	-19	Pass



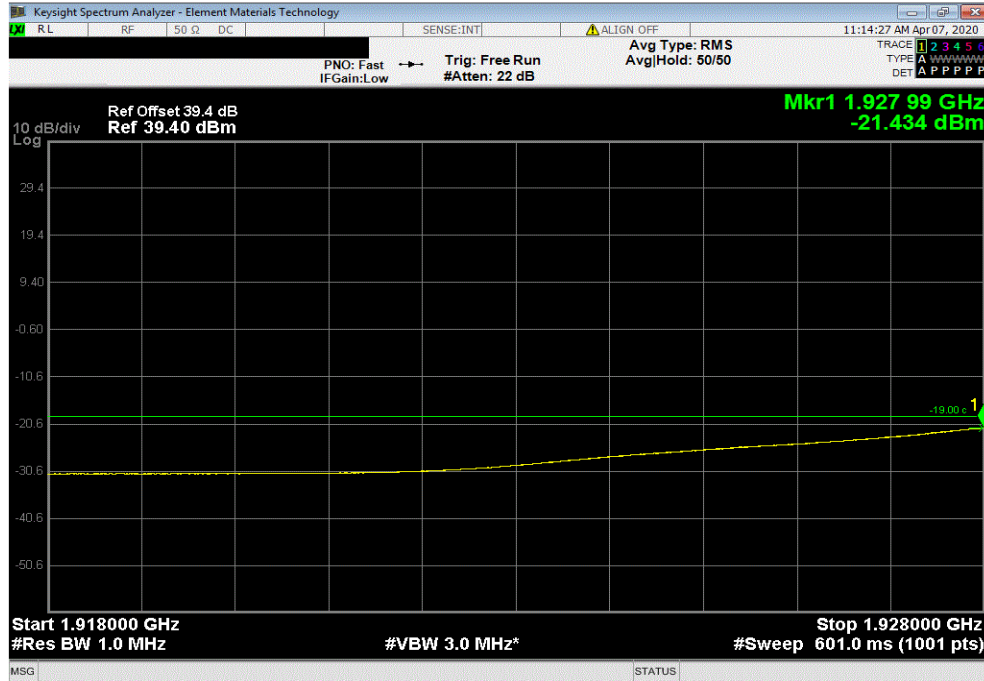
BAND EDGE BAND 2



XMR 2020.03.25.0

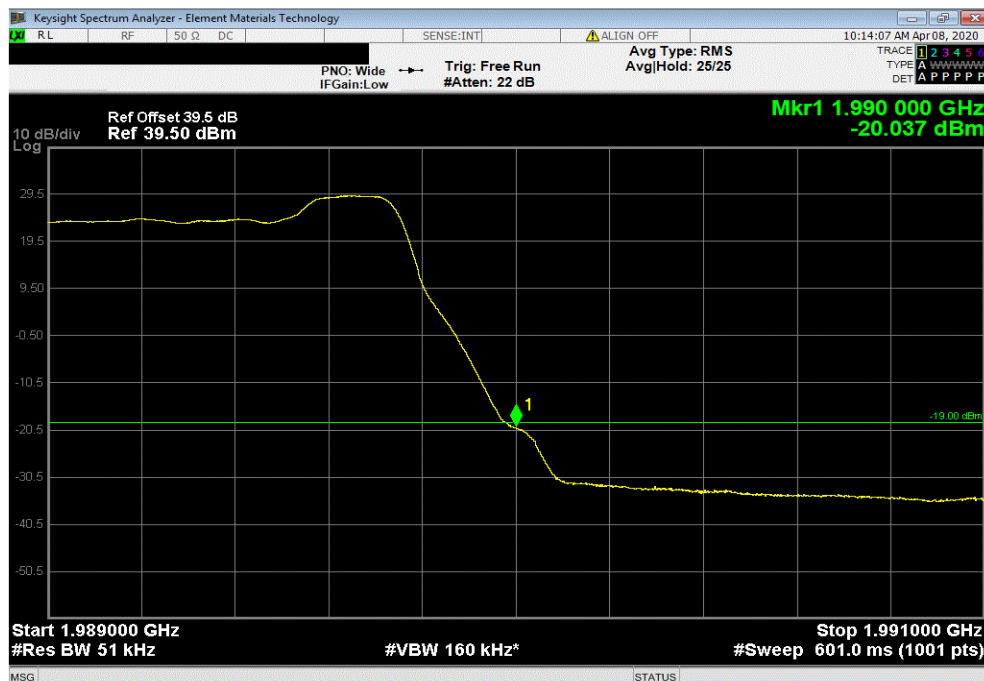
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 16-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 3

				Value	Limit	Result
				-21.434	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 16-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 1

				Value	Limit	Result
				-20.037	-19	Pass



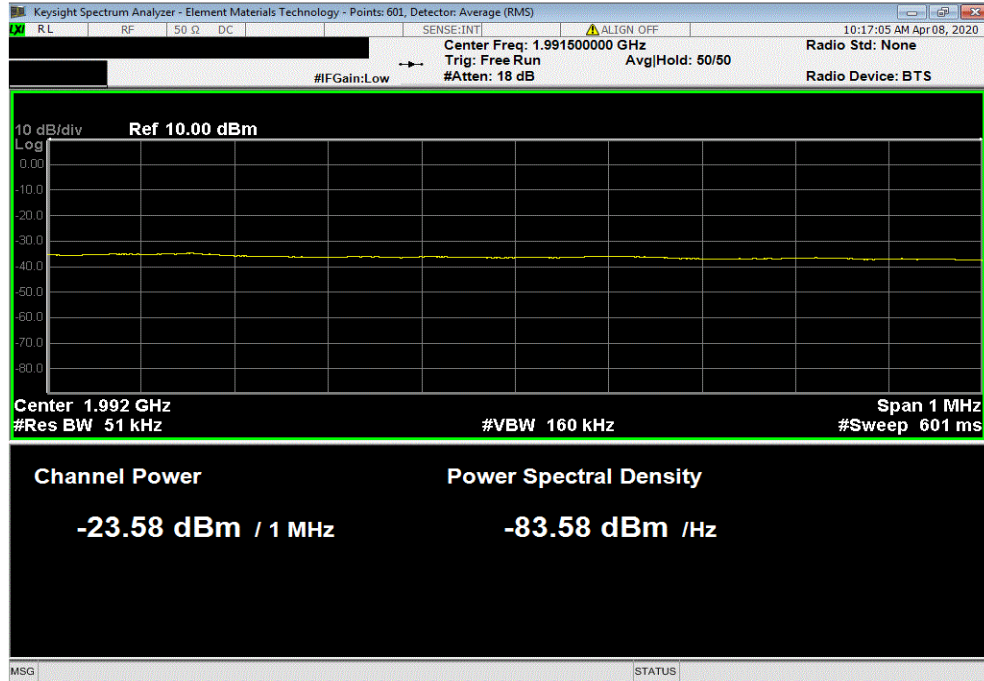
BAND EDGE BAND 2



XMR 2020.03.25.0

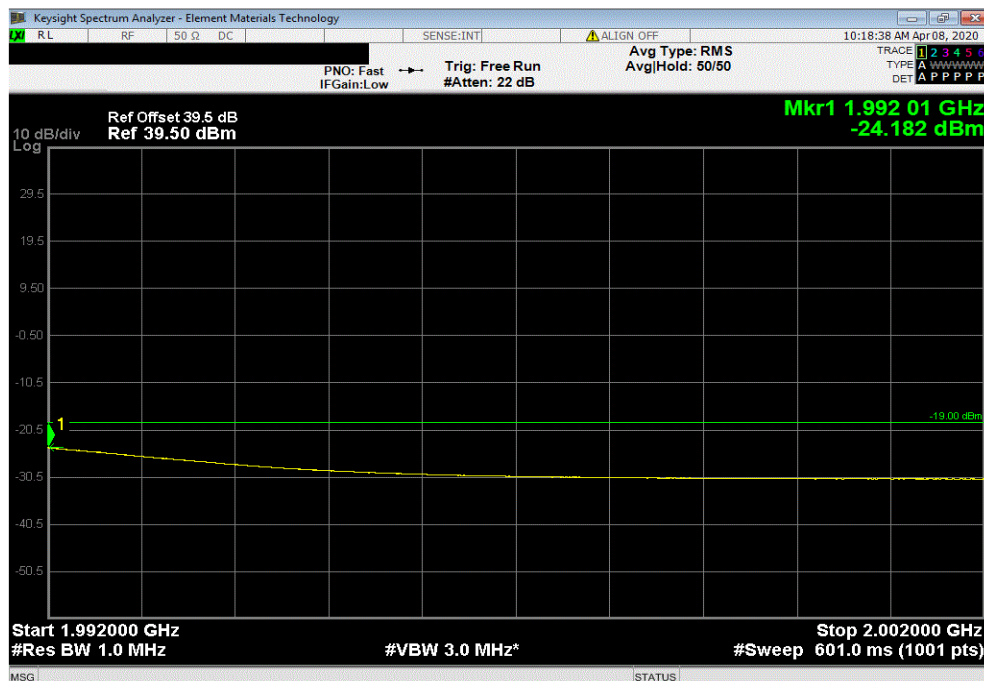
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, 16-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 2

				Value	Limit	Result
				-23.58	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, 16-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 3

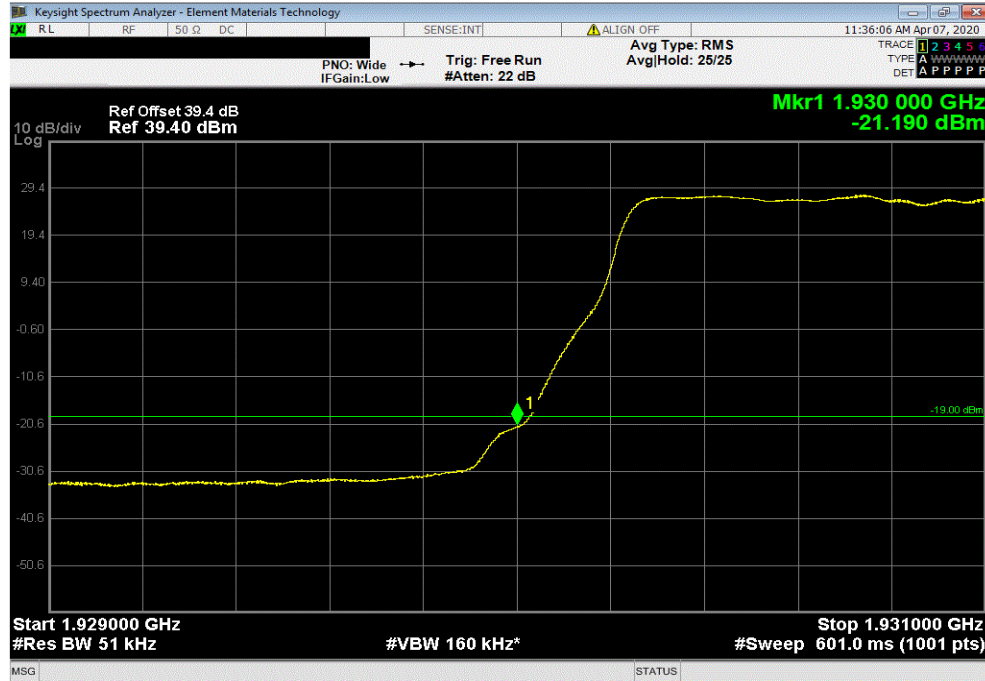
				Value	Limit	Result
				-24.182	-19	Pass



BAND EDGE BAND 2

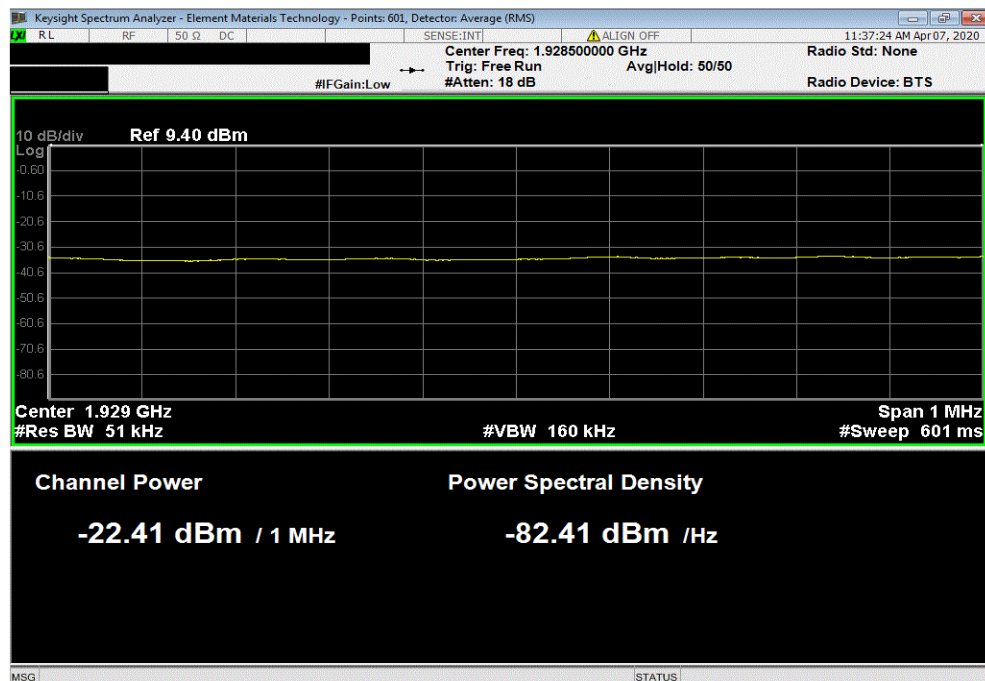
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 1

				Value	Limit	Result
				-21.19	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 2

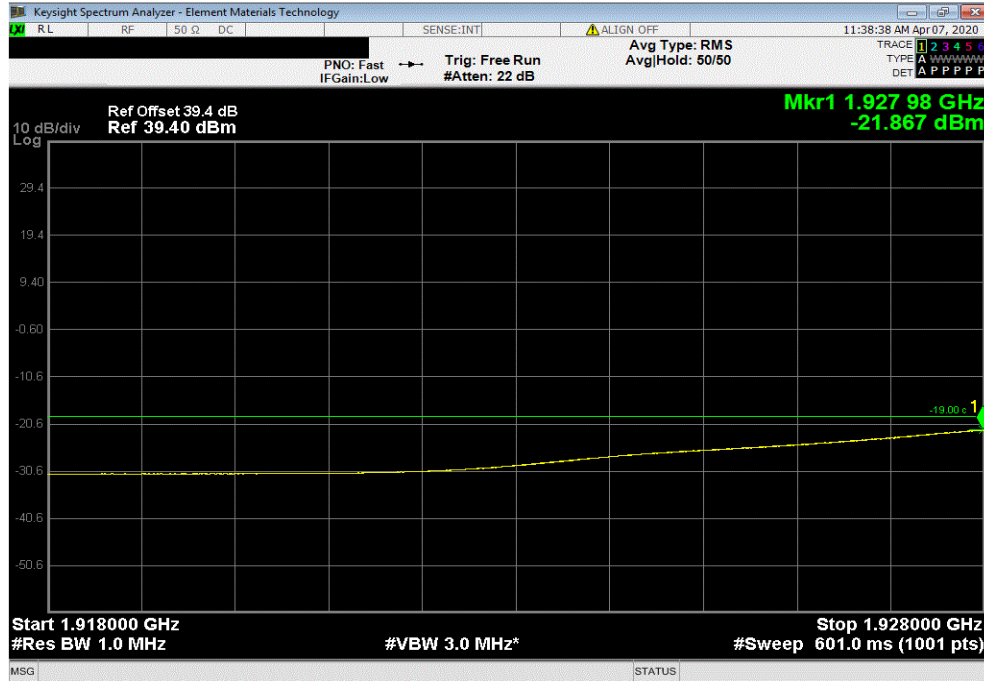
				Value	Limit	Result
				-22.41	-19	Pass



BAND EDGE BAND 2

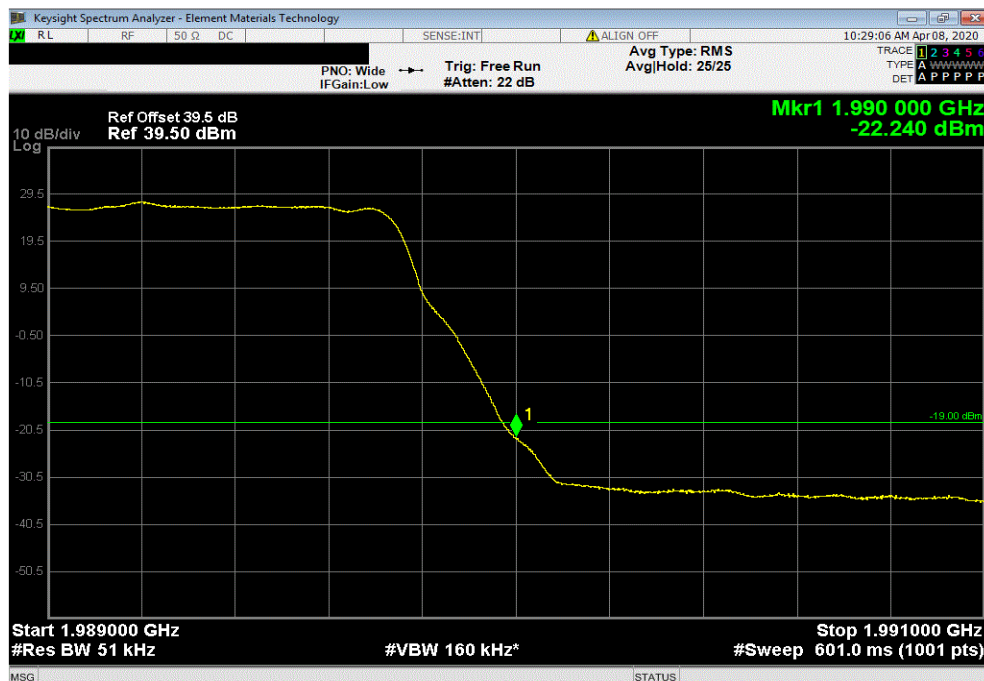
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 3

				Value	Limit	Result
				-21.867	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 64-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 1

				Value	Limit	Result
				-22.24	-19	Pass



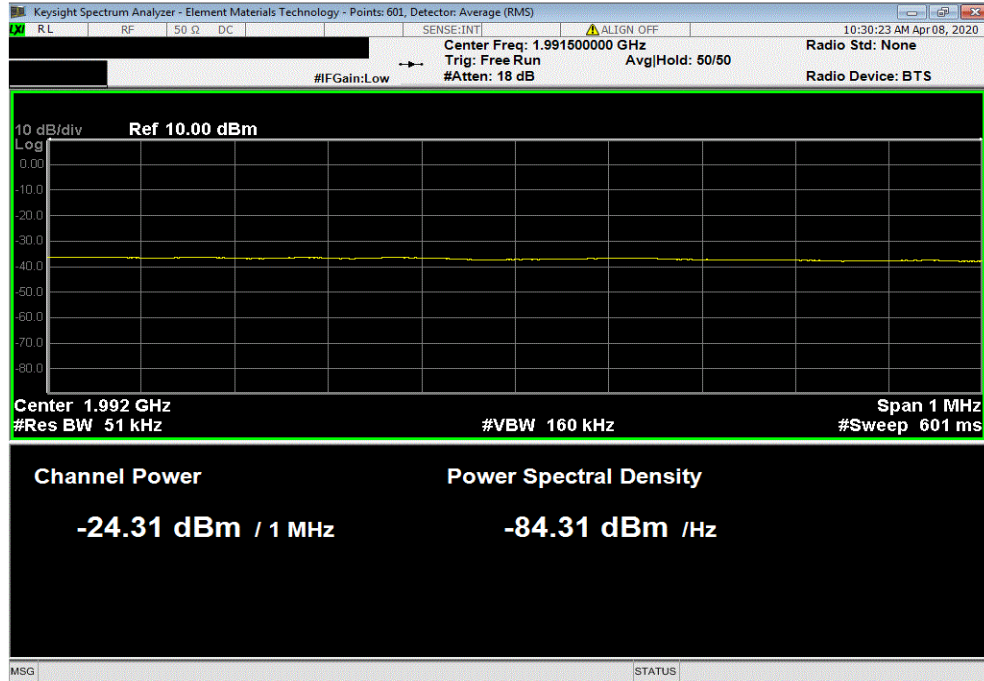
BAND EDGE BAND 2



XMR 2020.03.25.0

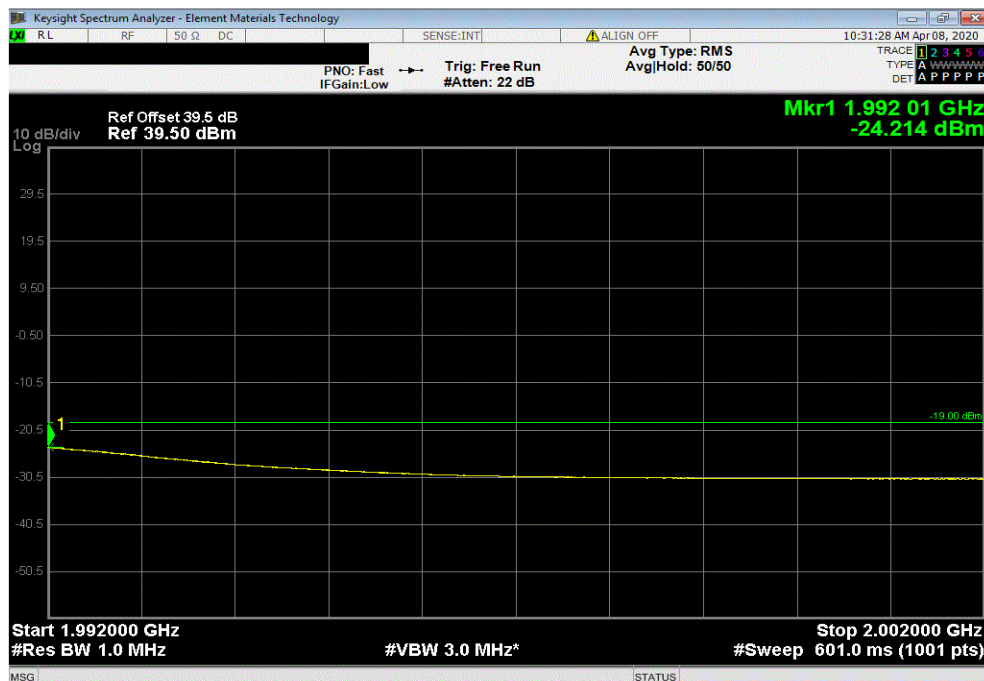
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 64-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 2

				Value	Limit	Result
				-24.31	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 64-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 3

				Value	Limit	Result
				-24.214	-19	Pass



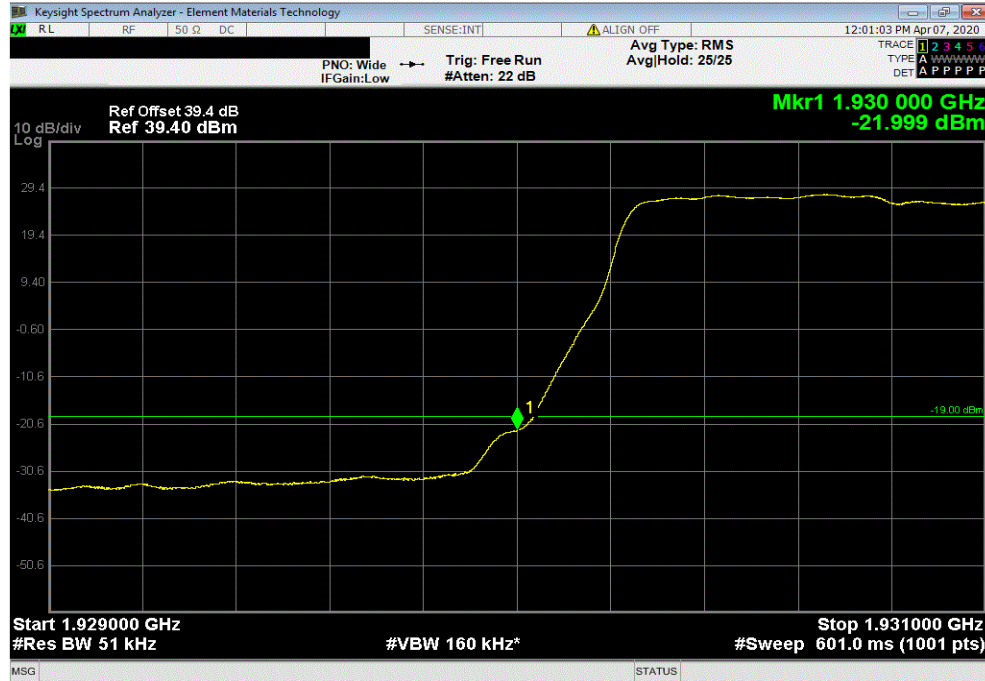
BAND EDGE BAND 2



XMR 2020.03.25.0

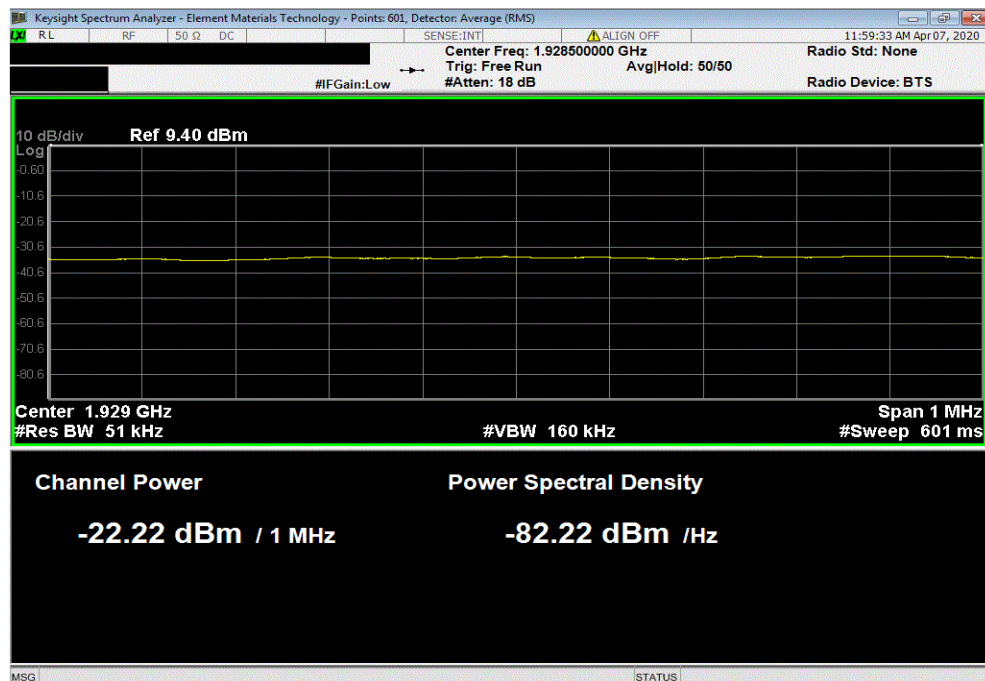
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 1

				Value	Limit	Result
				-21.999	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 2

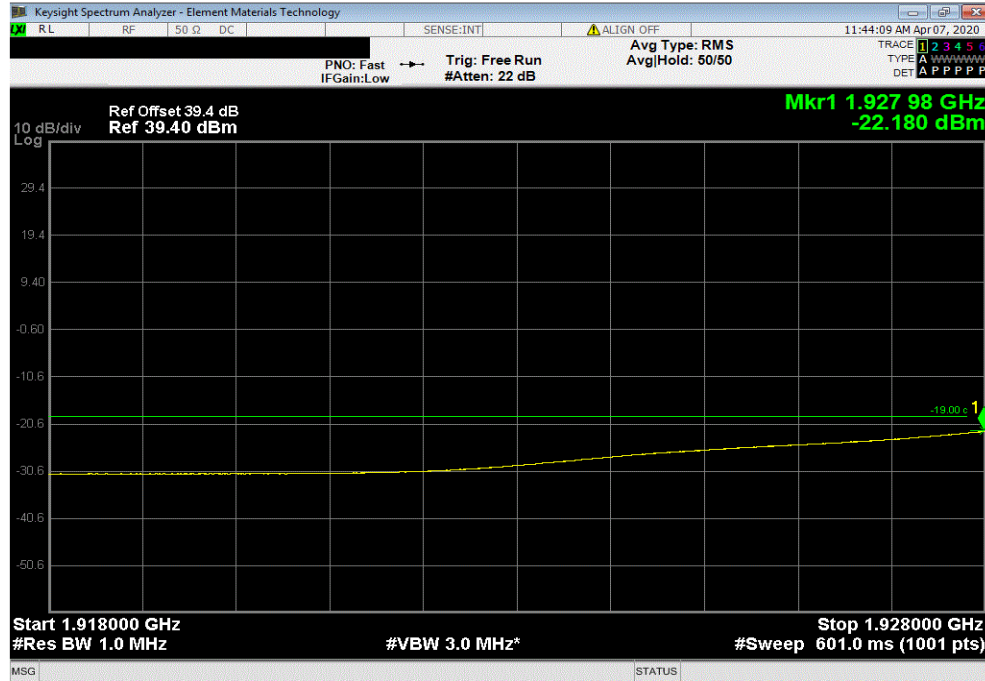
				Value	Limit	Result
				-22.22	-19	Pass



BAND EDGE BAND 2

5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 256-QAM Modulation, Low Channel 1932.5 MHz, Frequency Range 3

				Value	Limit	Result
				-22.18	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth , 256-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 1

				Value	Limit	Result
				-22.037	-19	Pass



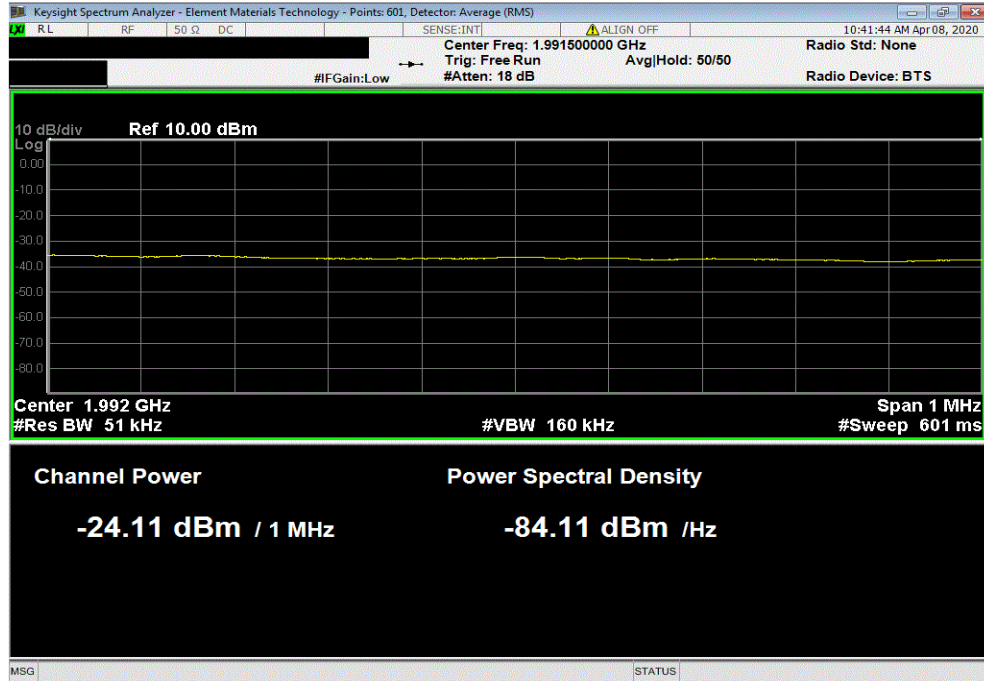
BAND EDGE BAND 2



XMH 2020.03.25.0

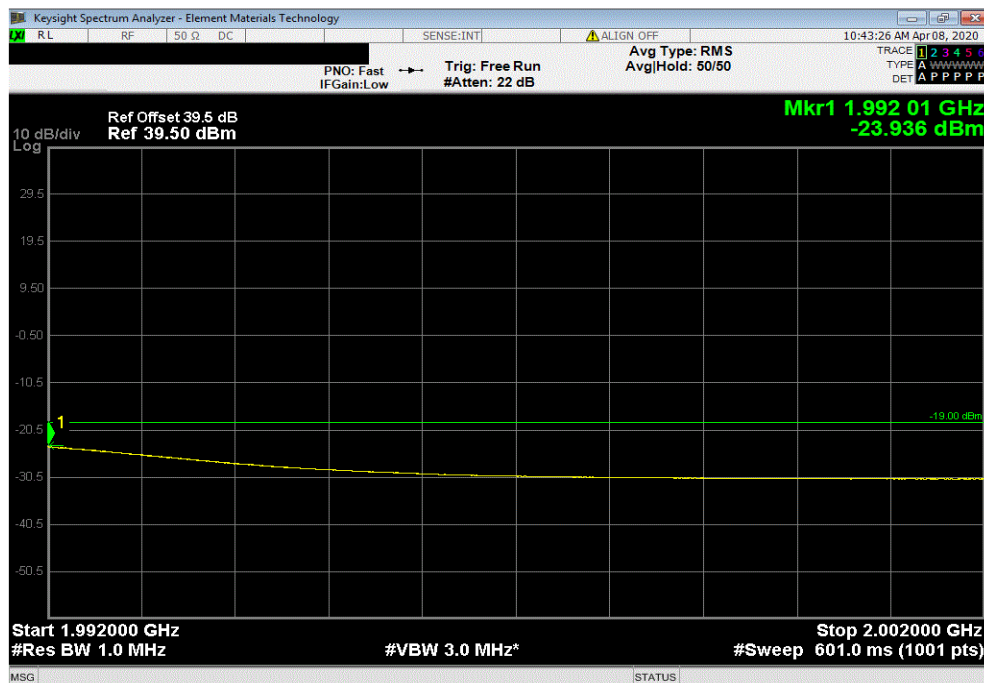
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, 256-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 2

				Value	Limit	Result
				-24.11	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 5 MHz Bandwidth, 256-QAM Modulation, High Channel 1987.5 MHz, Frequency Range 3

				Value	Limit	Result
				-23.936	-19	Pass



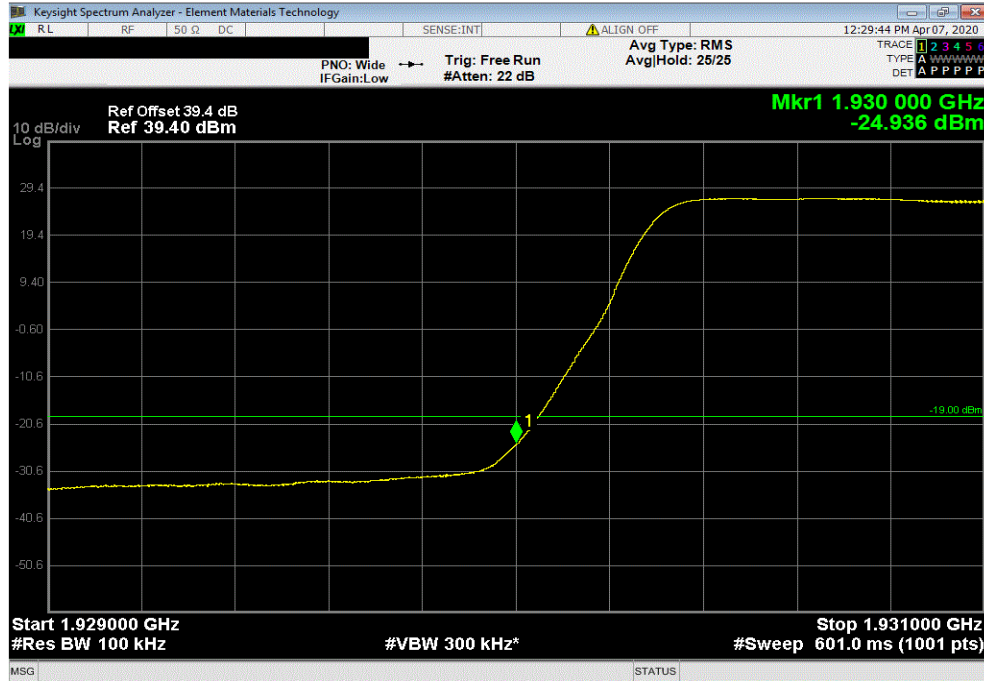
BAND EDGE BAND 2



XMI 2020.03.25.0

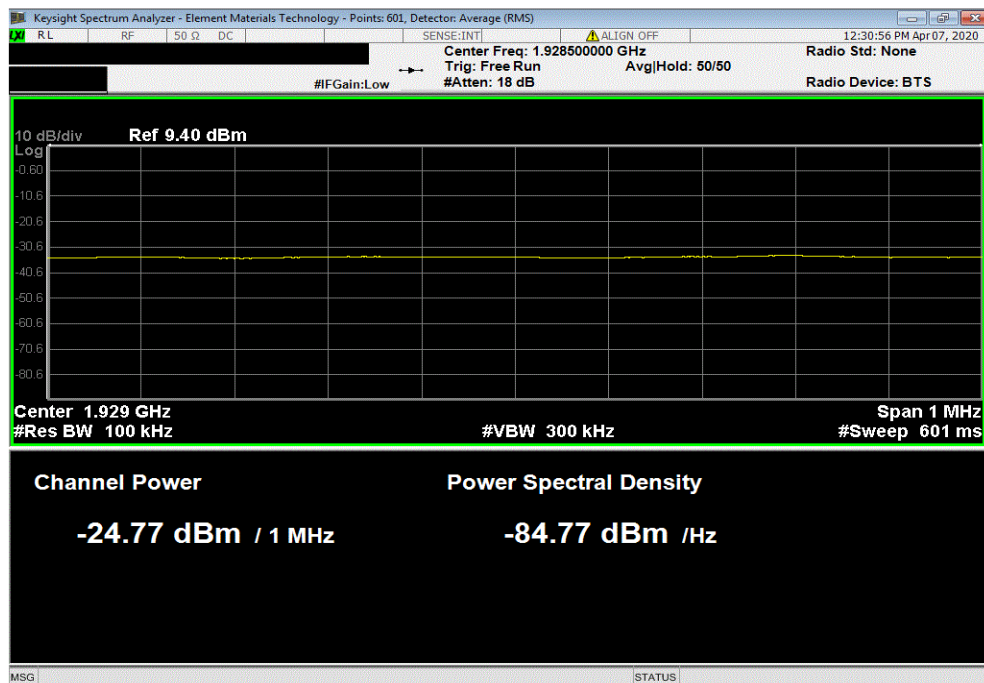
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth , QPSK Modulation, Low Channel 1935 MHz, Frequency Range 1

				Value	Limit	Result
				-24.936	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth , QPSK Modulation, Low Channel 1935 MHz, Frequency Range 2

				Value	Limit	Result
				-24.77	-19	Pass



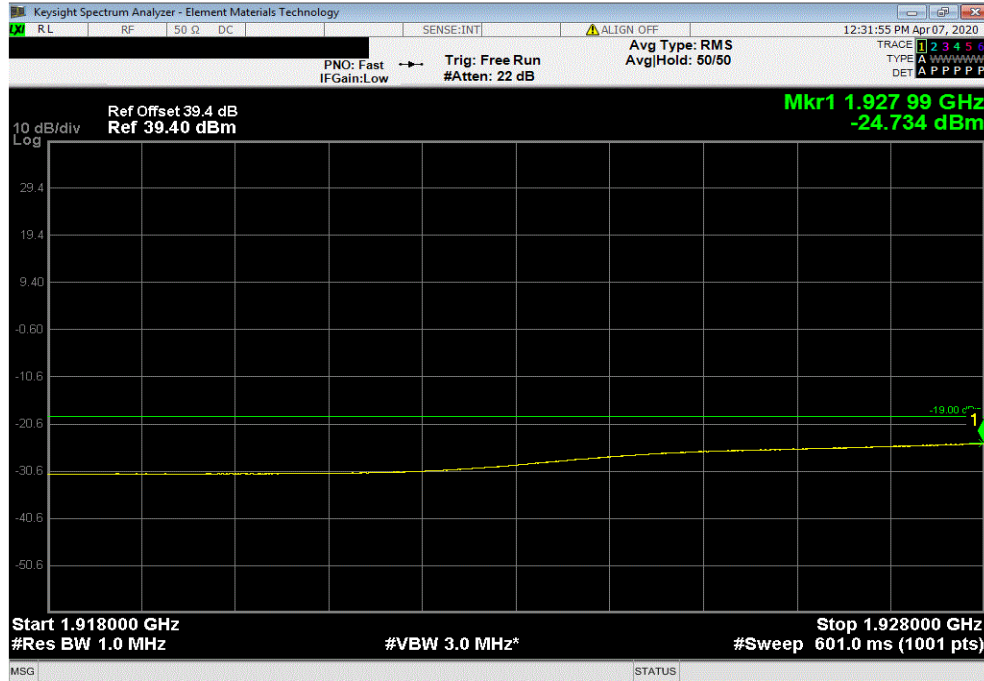
BAND EDGE BAND 2



XMR 2020.03.25.0

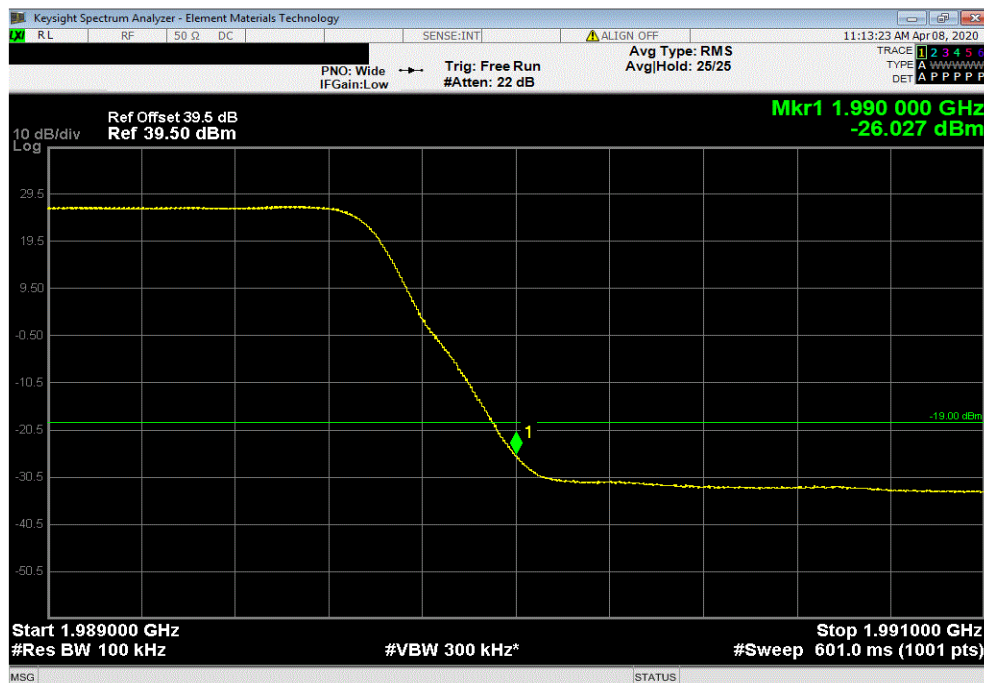
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, QPSK Modulation, Low Channel 1935 MHz, Frequency Range 3

	Value	Limit	Result
	-24.734	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, QPSK Modulation, High Channel 1985 MHz, Frequency Range 1

	Value	Limit	Result
	-26.027	-19	Pass



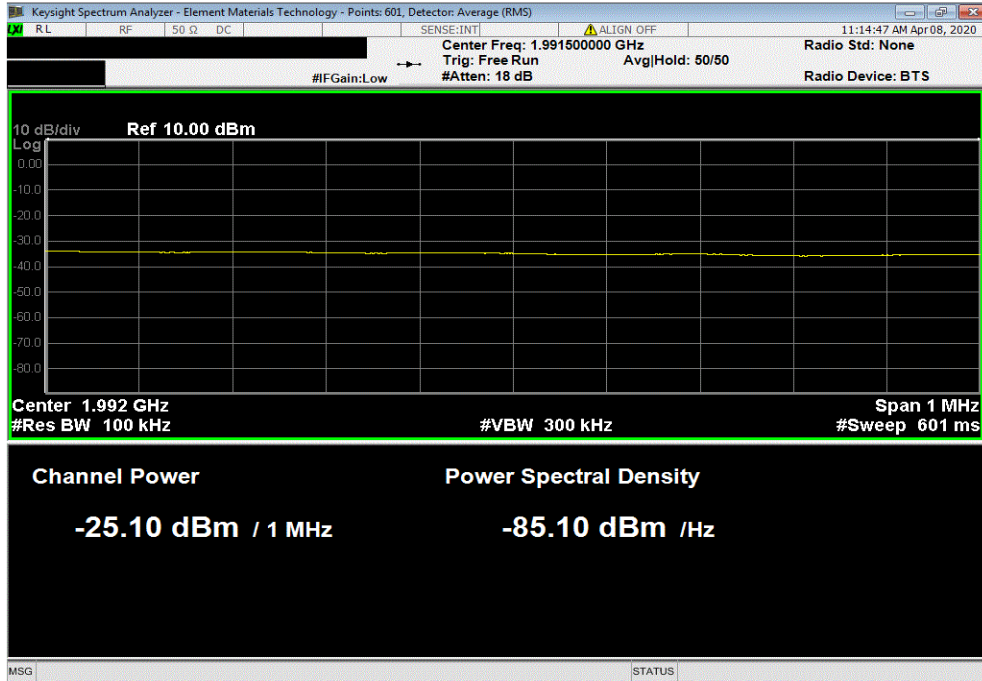
BAND EDGE BAND 2



XMR 2020.03.25.0

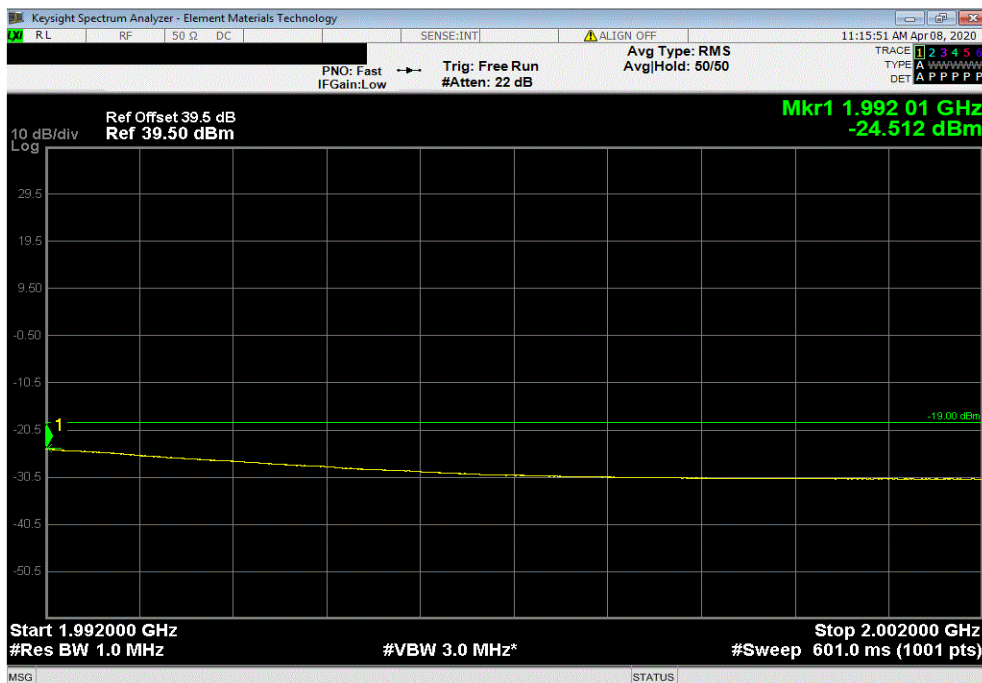
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth , QPSK Modulation, High Channel 1985 MHz, Frequency Range 2

				Value	Limit	Result
				-25.1	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth , QPSK Modulation, High Channel 1985 MHz, Frequency Range 3

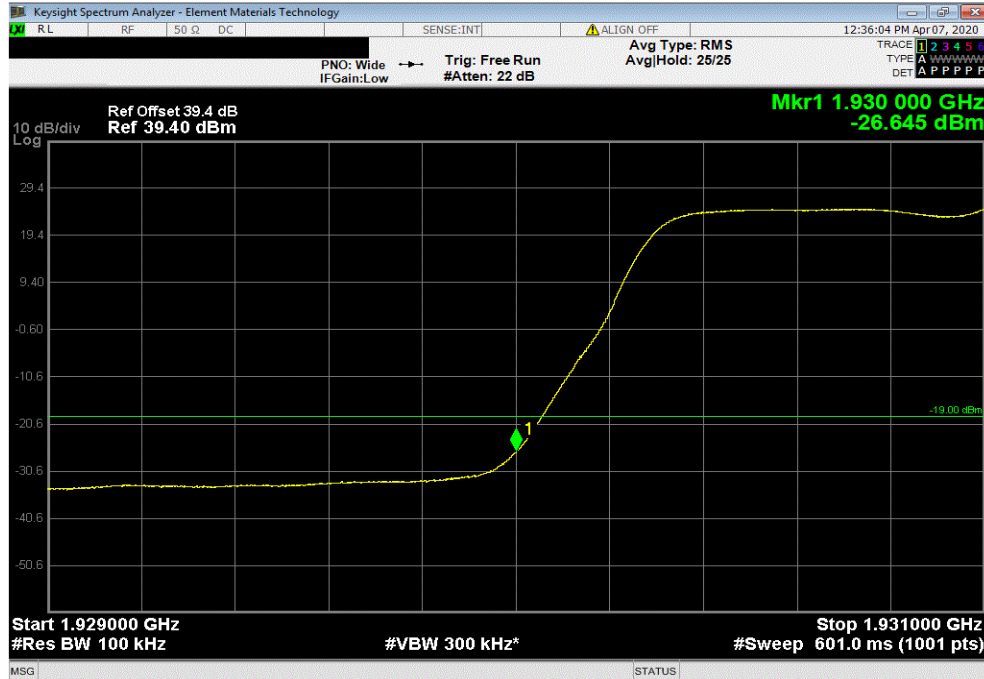
				Value	Limit	Result
				-24.512	-19	Pass



BAND EDGE BAND 2

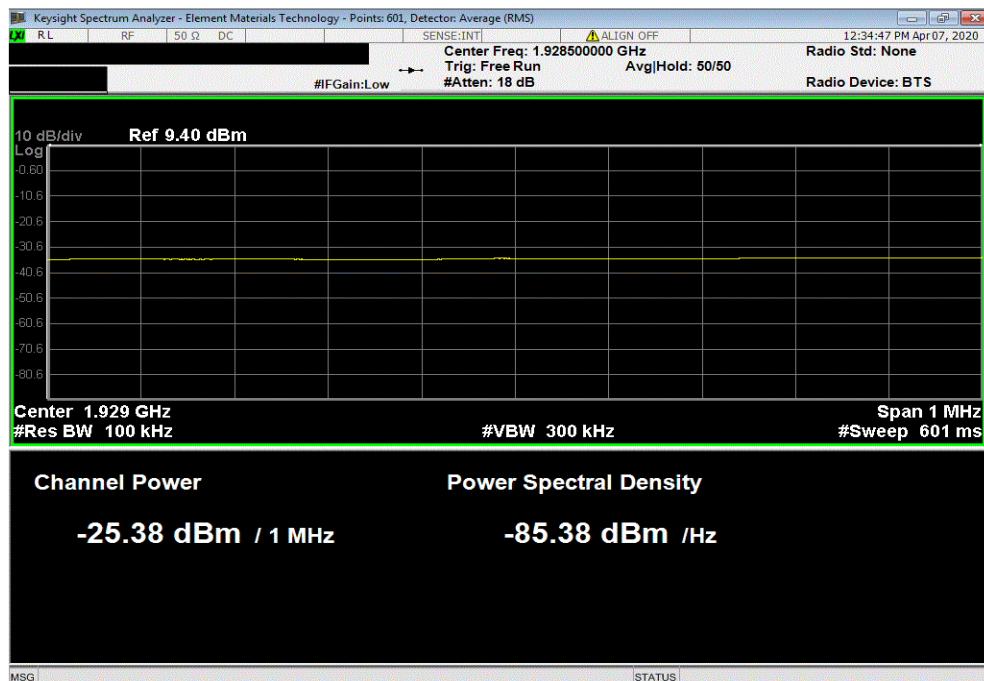
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel 1935 MHz, Frequency Range 1

				Value	Limit	Result
				-26.645	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel 1935 MHz, Frequency Range 2

				Value	Limit	Result
				-25.38	-19	Pass



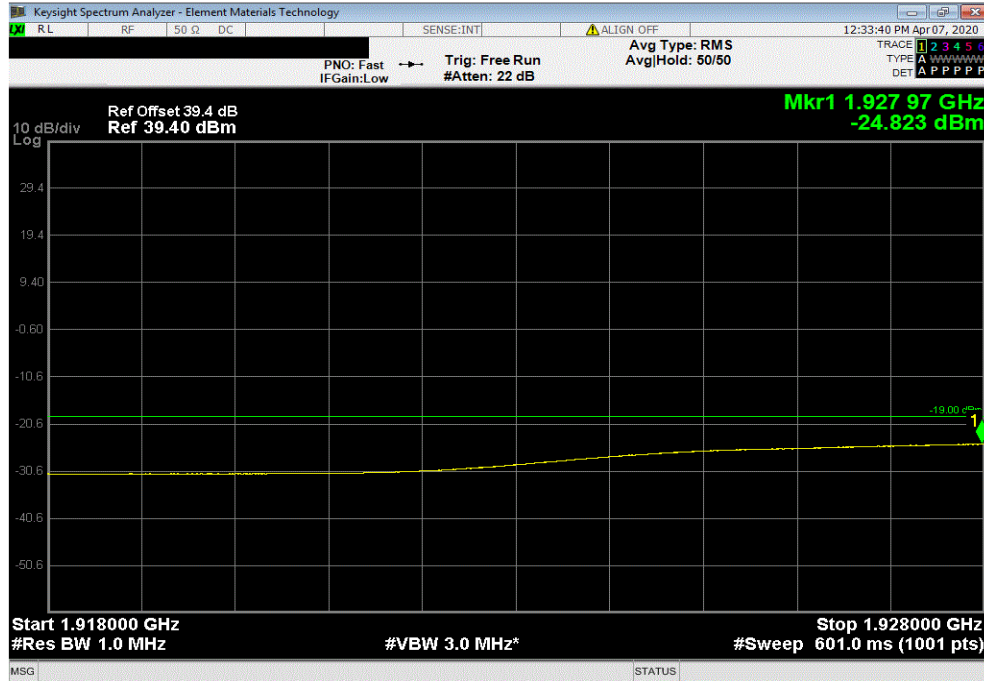
BAND EDGE BAND 2



XMR 2020.03.25.0

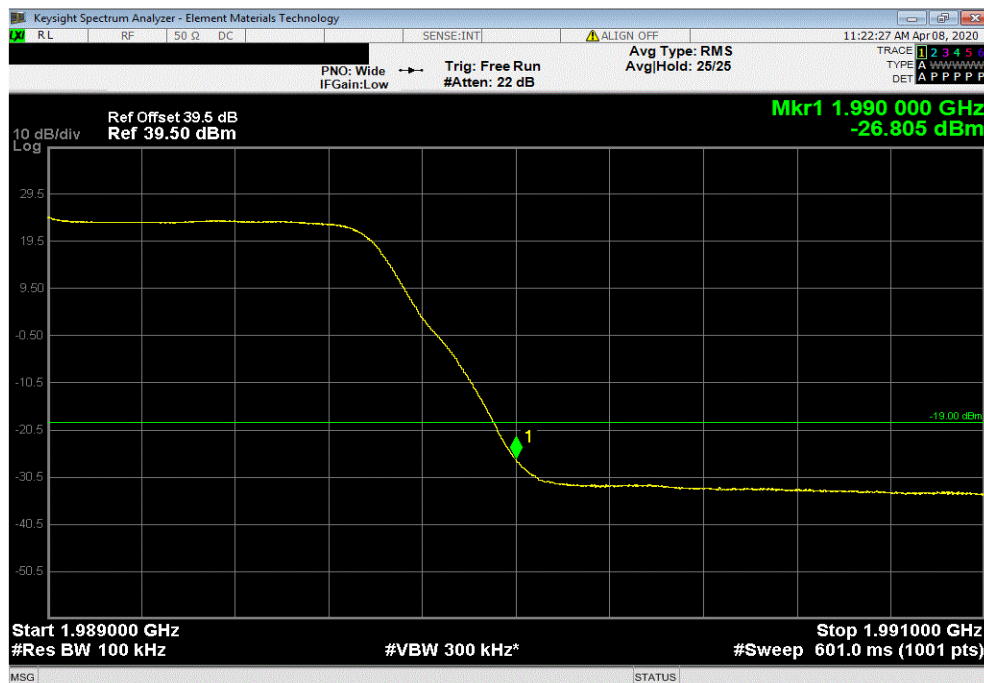
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel 1935 MHz, Frequency Range 3

				Value	Limit	Result
				-24.823	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 16-QAM Modulation, High Channel 1985 MHz, Frequency Range 1

				Value	Limit	Result
				-26.805	-19	Pass



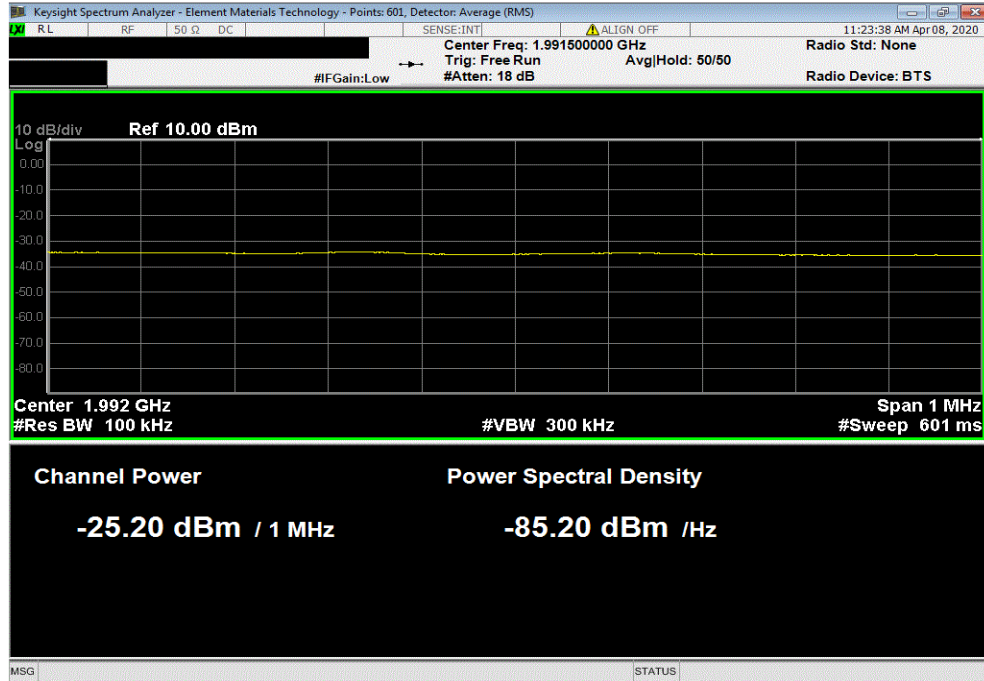
BAND EDGE BAND 2



XMR 2020.03.25.0

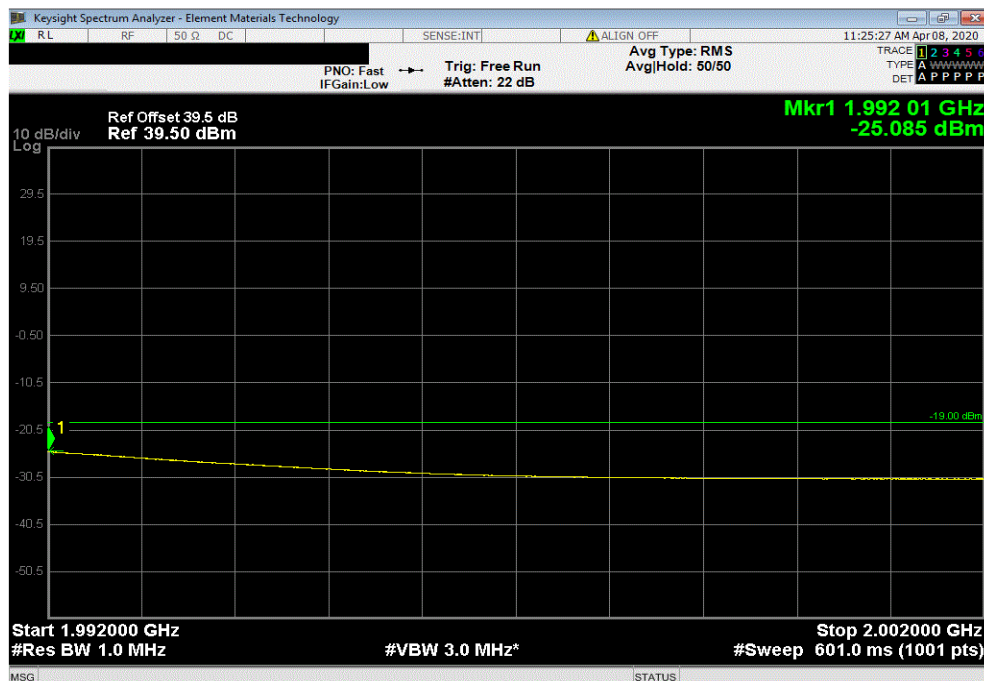
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 16-QAM Modulation, High Channel 1985 MHz, Frequency Range 2

				Value	Limit	Result
				-25.2	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 16-QAM Modulation, High Channel 1985 MHz, Frequency Range 3

				Value	Limit	Result
				-25.085	-19	Pass



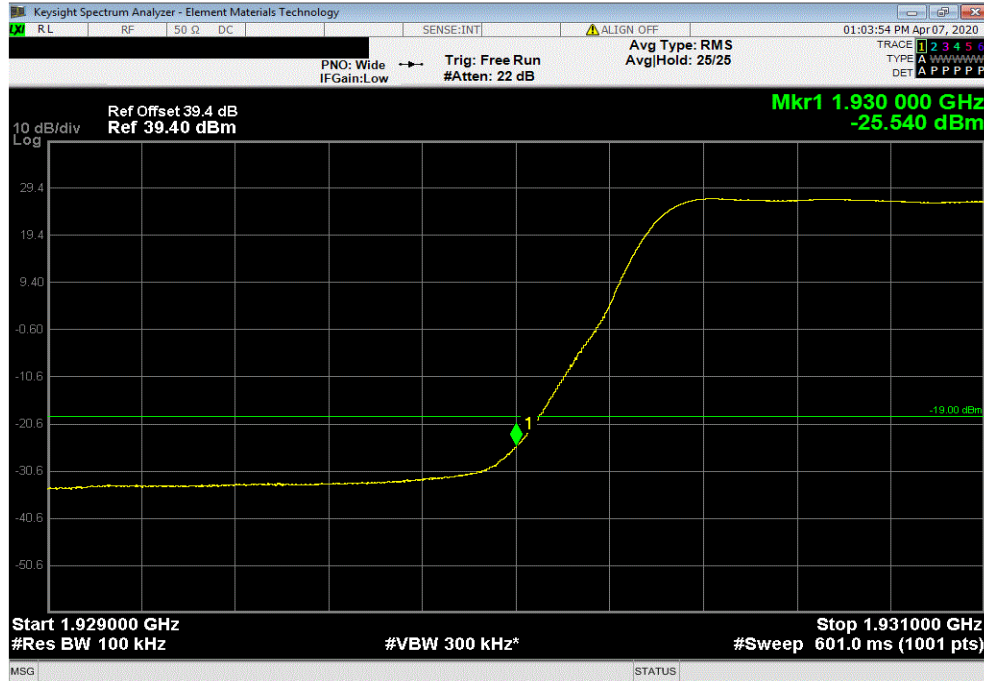
BAND EDGE BAND 2



XMR 2020.03.25.0

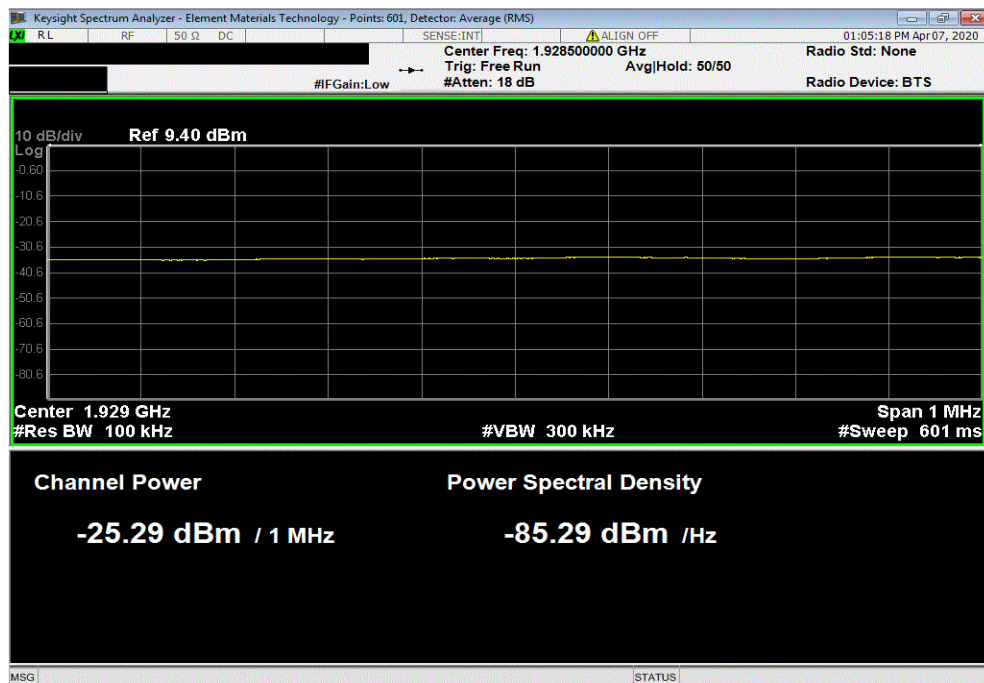
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth , 64-QAM Modulation, Low Channel 1935 MHz, Frequency Range 1

				Value	Limit	Result
				-25.54	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth , 64-QAM Modulation, Low Channel 1935 MHz, Frequency Range 2

				Value	Limit	Result
				-25.29	-19	Pass



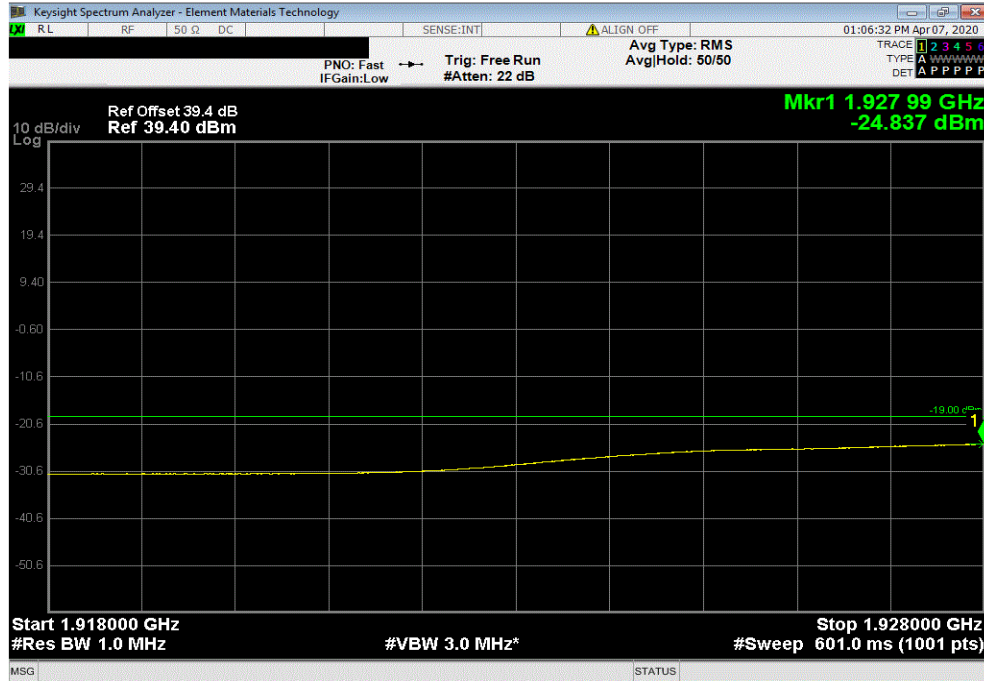
BAND EDGE BAND 2



XMR 2020.03.25.0

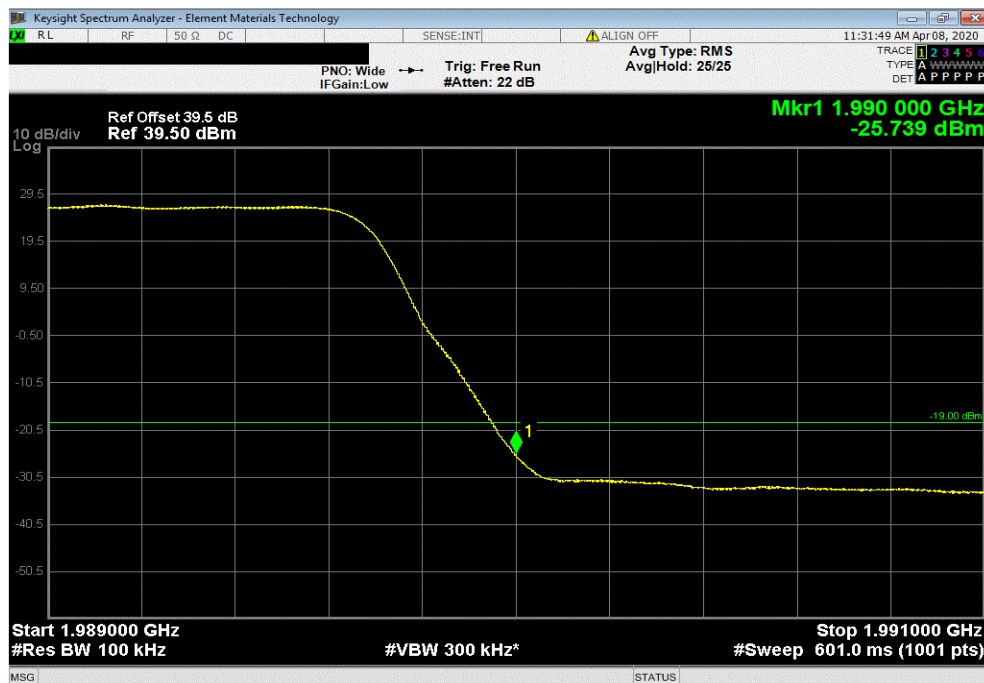
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel 1935 MHz, Frequency Range 3

				Value	Limit	Result
				-24.837	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 64-QAM Modulation, High Channel 1985 MHz, Frequency Range 1

				Value	Limit	Result
				-25.739	-19	Pass



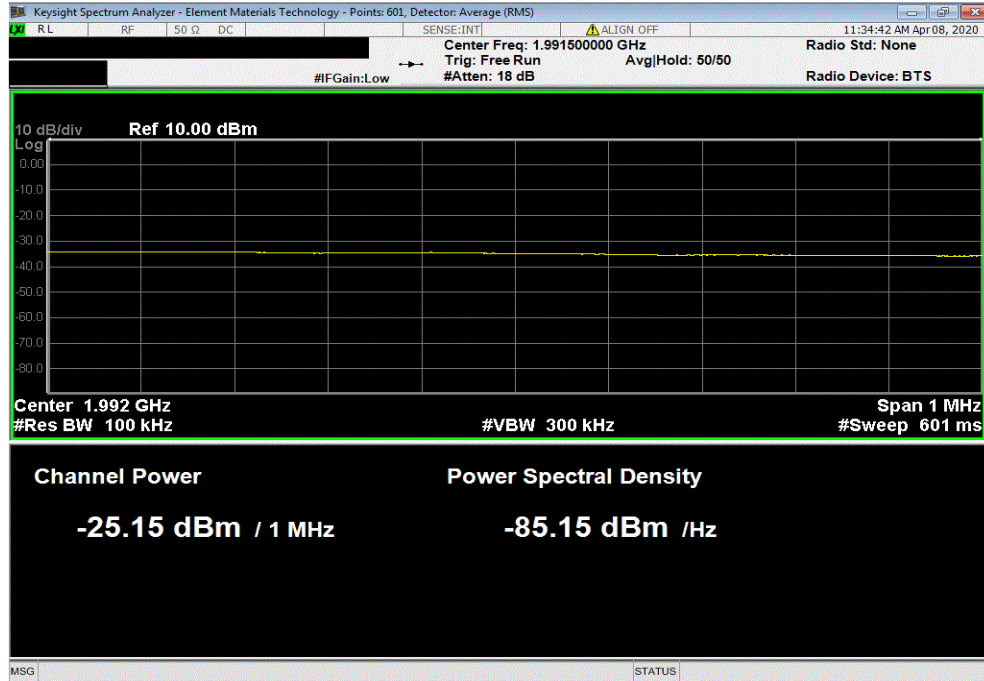
BAND EDGE BAND 2



XMR 2020.03.25.0

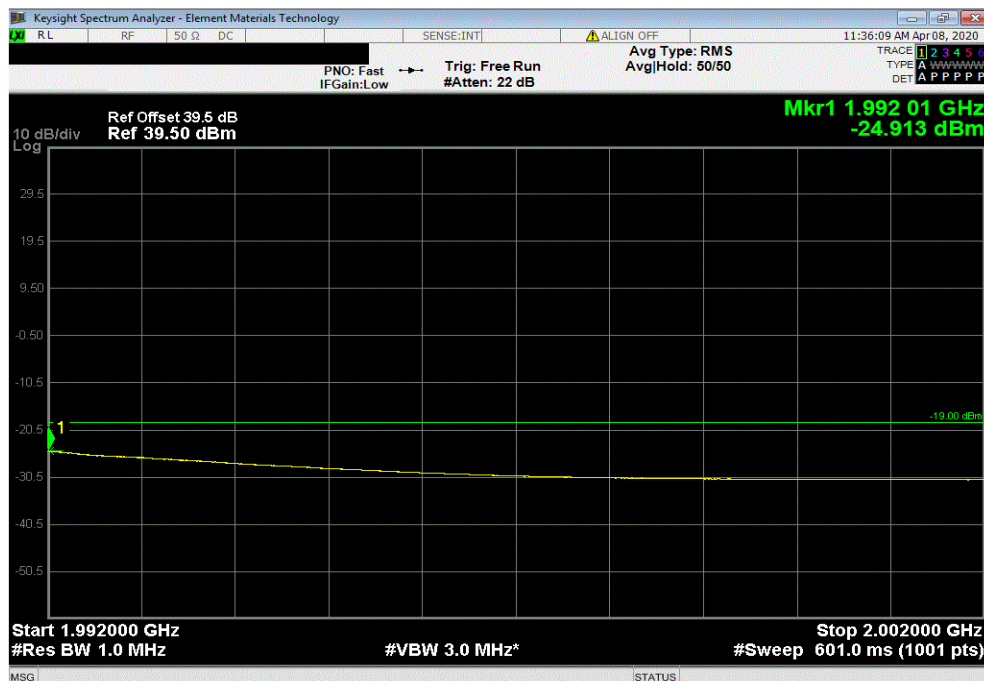
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth , 64-QAM Modulation, High Channel 1985 MHz, Frequency Range 2

				Value	Limit	Result
				-25.15	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth , 64-QAM Modulation, High Channel 1985 MHz, Frequency Range 3

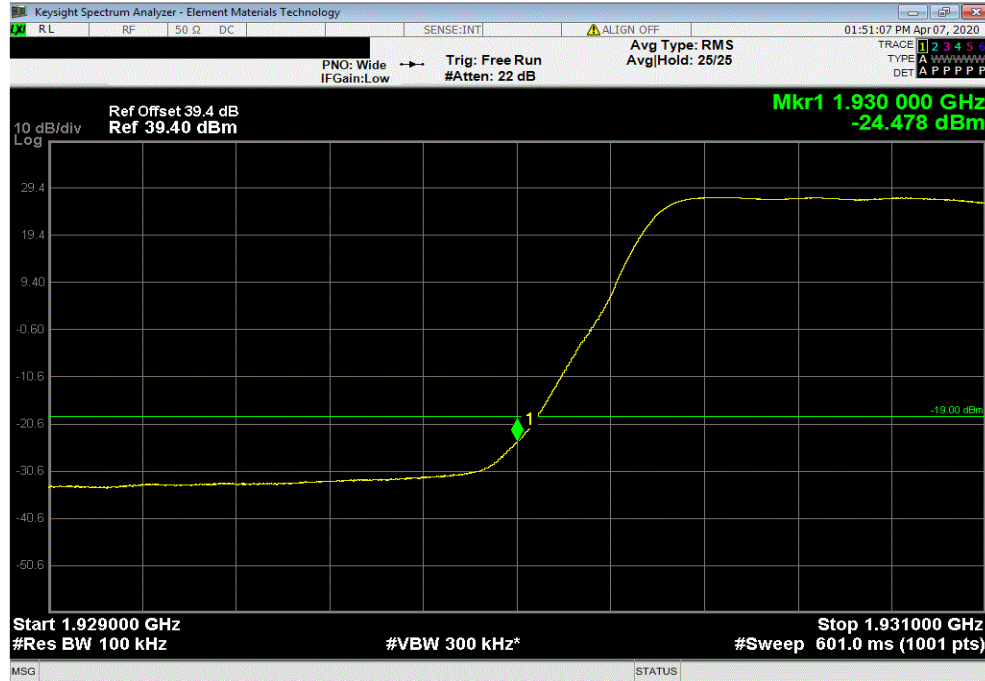
				Value	Limit	Result
				-24.913	-19	Pass



BAND EDGE BAND 2

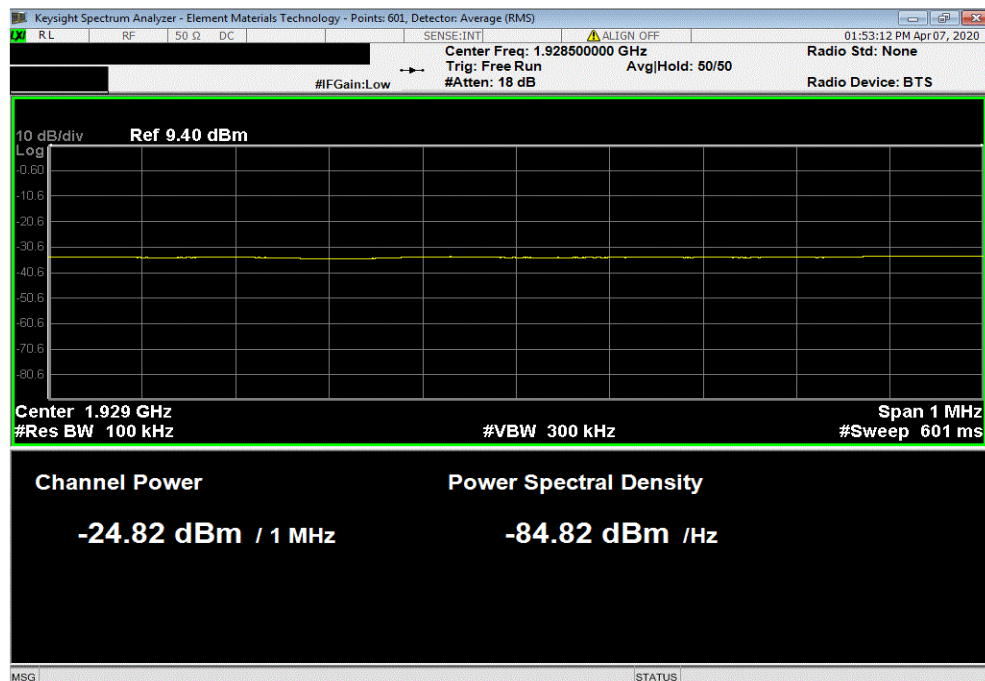
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel 1935 MHz, Frequency Range 1

				Value	Limit	Result
				-24.478	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel 1935 MHz, Frequency Range 2

				Value	Limit	Result
				-24.82	-19	Pass



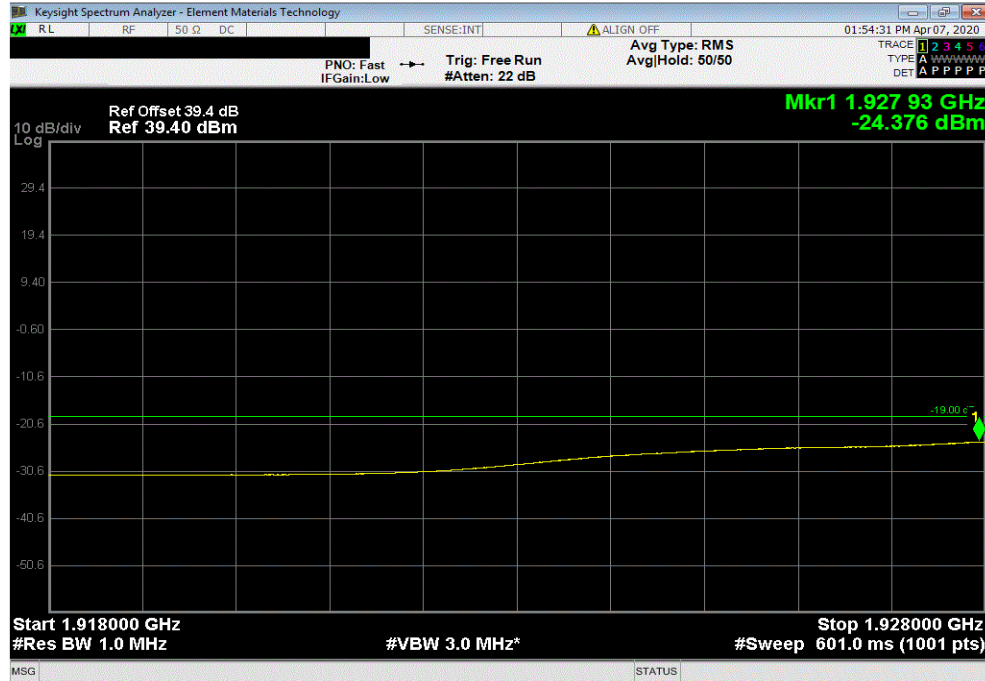
BAND EDGE BAND 2



XMR 2020.03.25.0

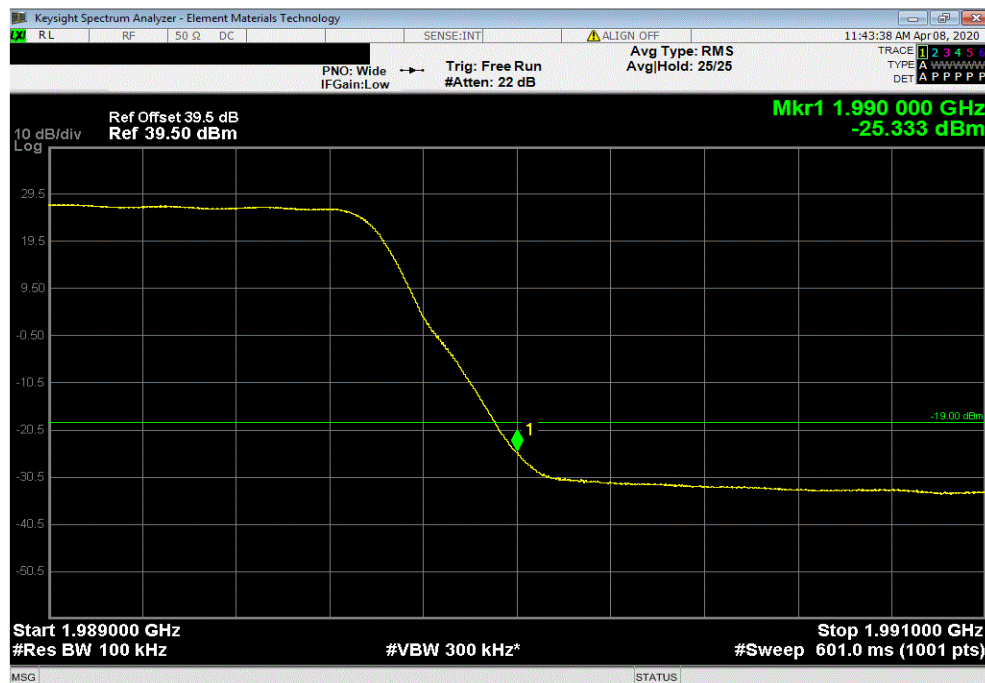
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel 1935 MHz, Frequency Range 3

				Value	Limit	Result
				-24.376	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 256-QAM Modulation, High Channel 1985 MHz, Frequency Range 1

				Value	Limit	Result
				-25.333	-19	Pass



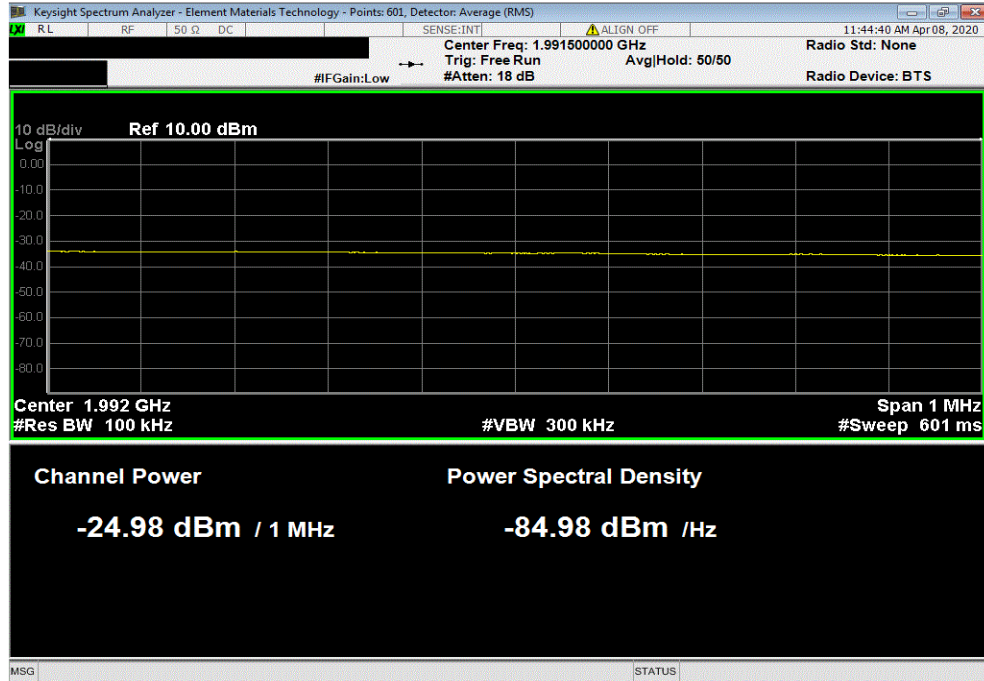
BAND EDGE BAND 2



XMR 2020.03.25.0

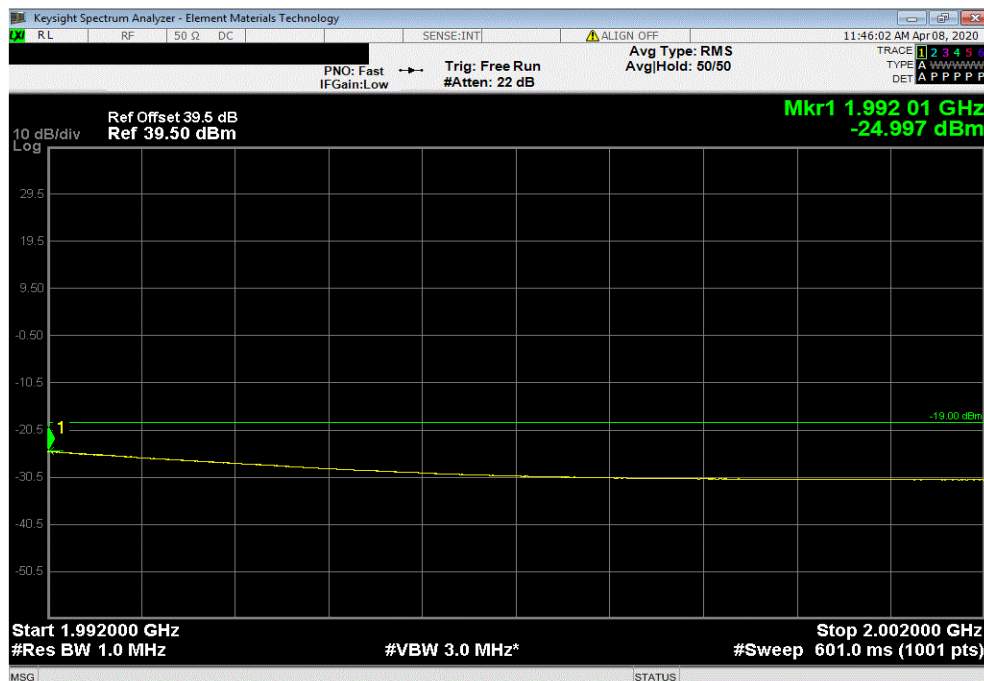
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 256-QAM Modulation, High Channel 1985 MHz, Frequency Range 2

				Value	Limit	Result
				-24.98	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 10 MHz Bandwidth, 256-QAM Modulation, High Channel 1985 MHz, Frequency Range 3

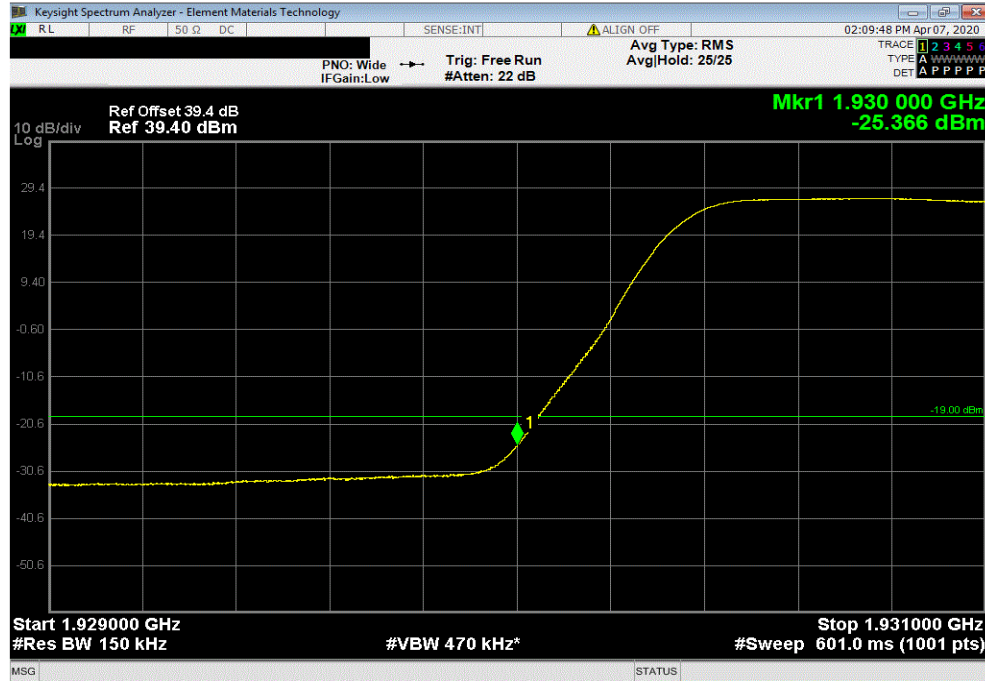
				Value	Limit	Result
				-24.997	-19	Pass



BAND EDGE BAND 2

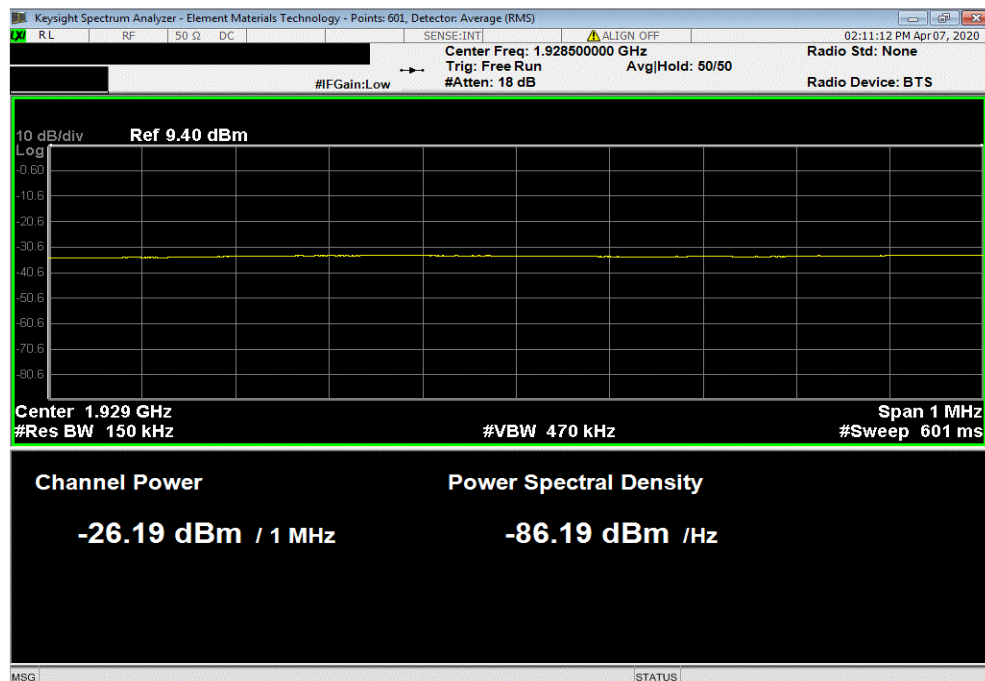
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, QPSK Modulation, Low Channel 1937.5 MHz, Frequency Range 1

				Value	Limit	Result
				-25.366	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, QPSK Modulation, Low Channel 1937.5 MHz, Frequency Range 2

				Value	Limit	Result
				-26.19	-19	Pass



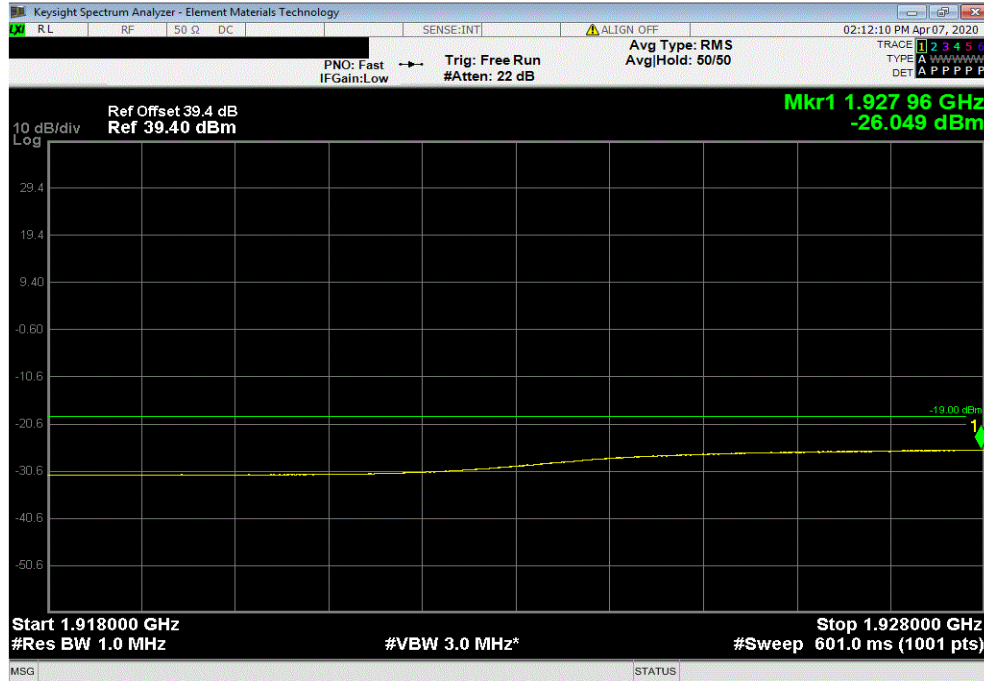
BAND EDGE BAND 2



XMR 2020.03.25.0

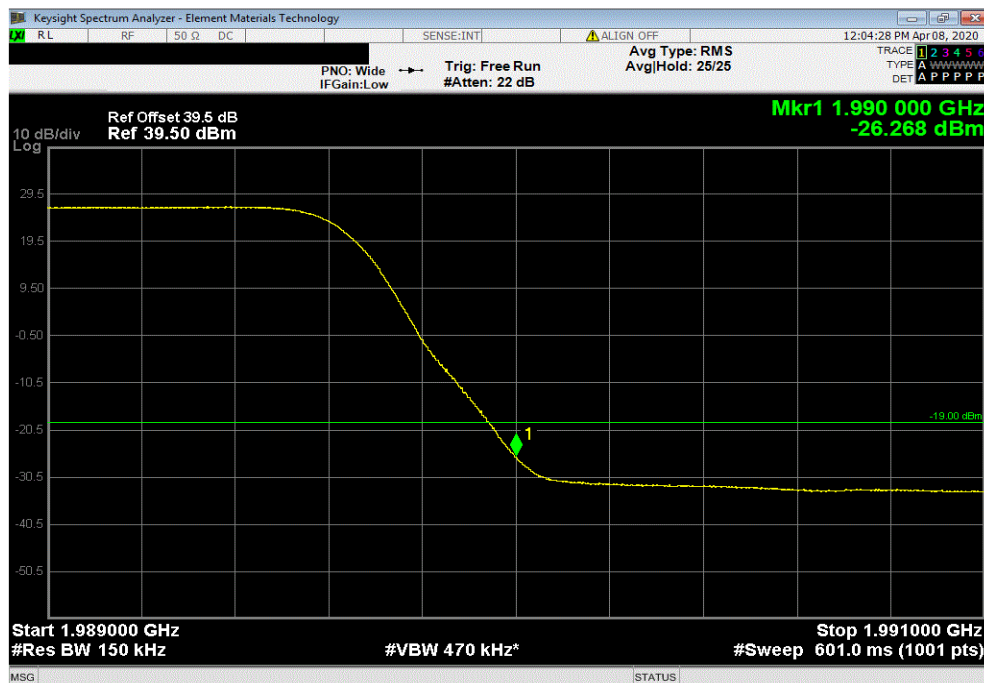
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, QPSK Modulation, Low Channel 1937.5 MHz, Frequency Range 3

				Value	Limit	Result
				-26.049	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, QPSK Modulation, High Channel 1982.5 MHz, Frequency Range 1

				Value	Limit	Result
				-26.268	-19	Pass



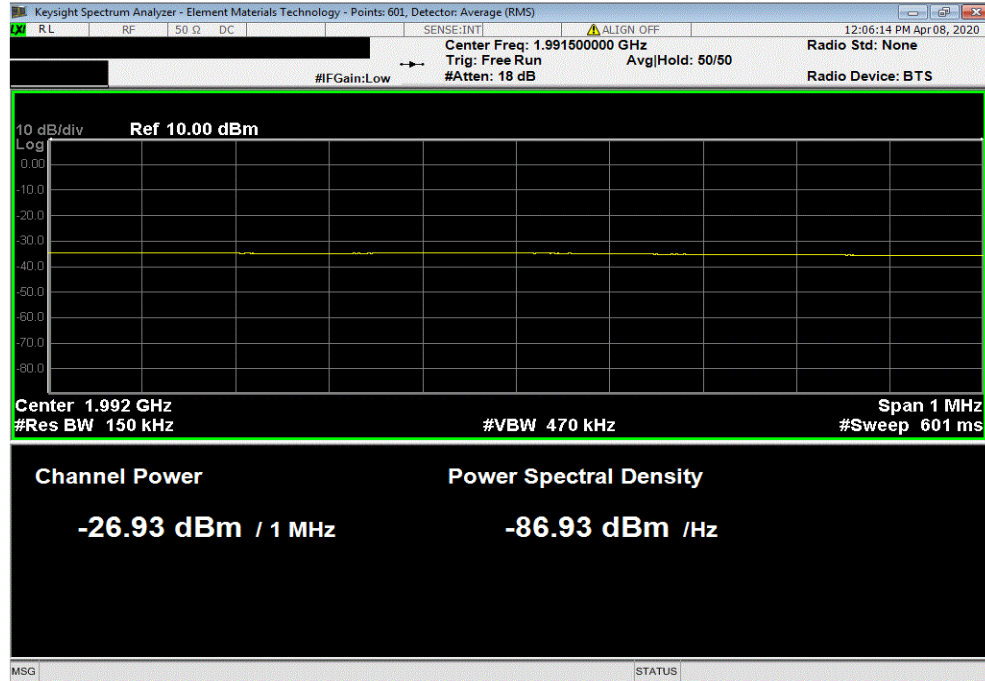
BAND EDGE BAND 2



XMR 2020.03.25.0

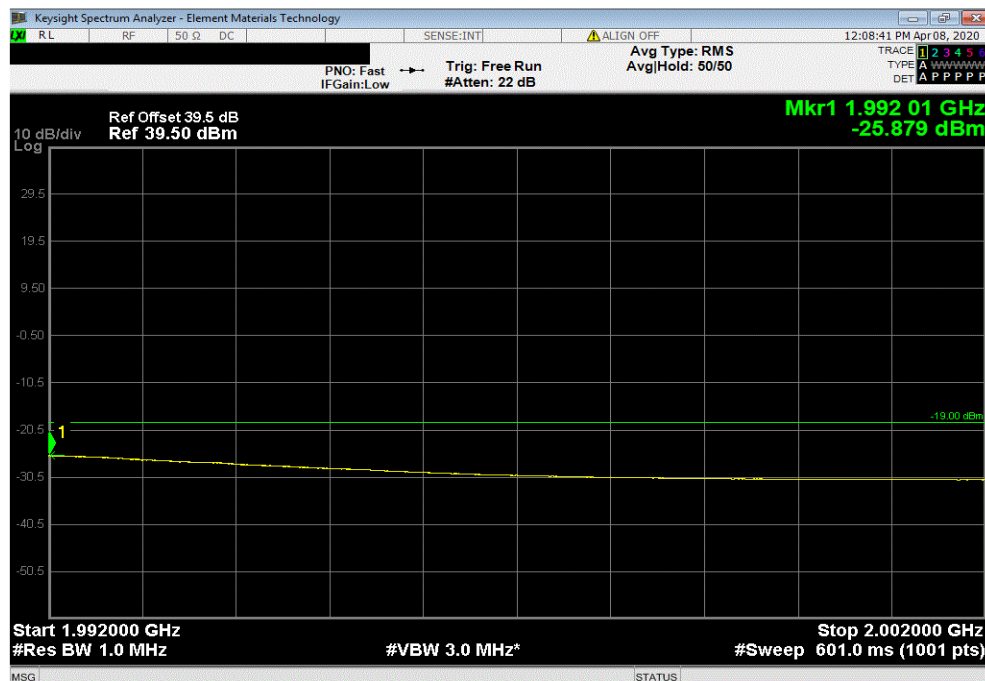
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, QPSK Modulation, High Channel 1982.5 MHz, Frequency Range 2

				Value	Limit	Result
				-26.93	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, QPSK Modulation, High Channel 1982.5 MHz, Frequency Range 3

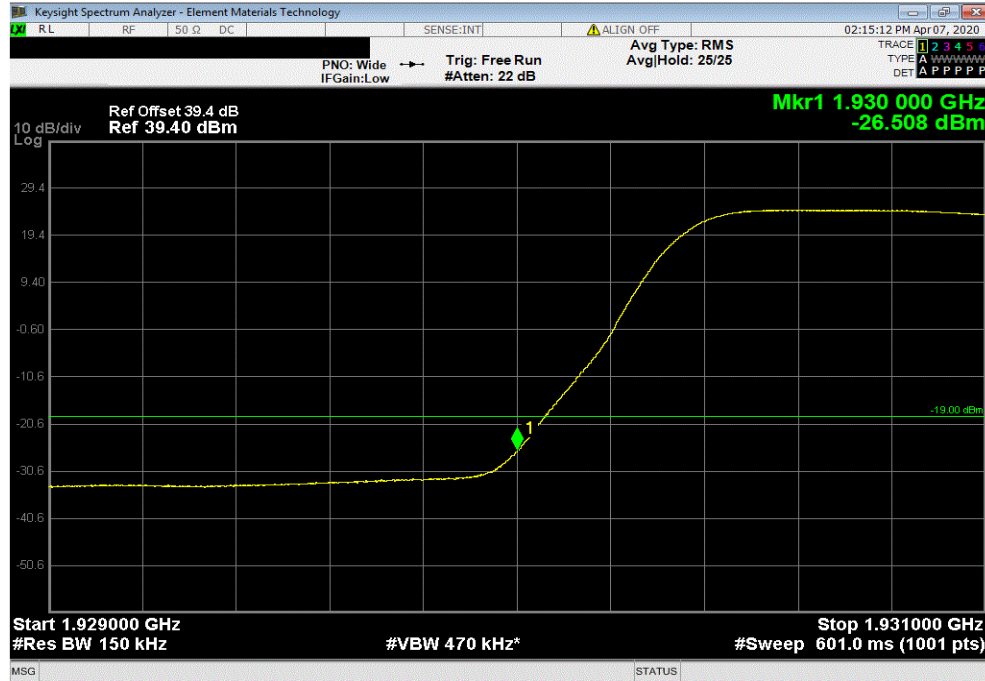
				Value	Limit	Result
				-25.879	-19	Pass



BAND EDGE BAND 2

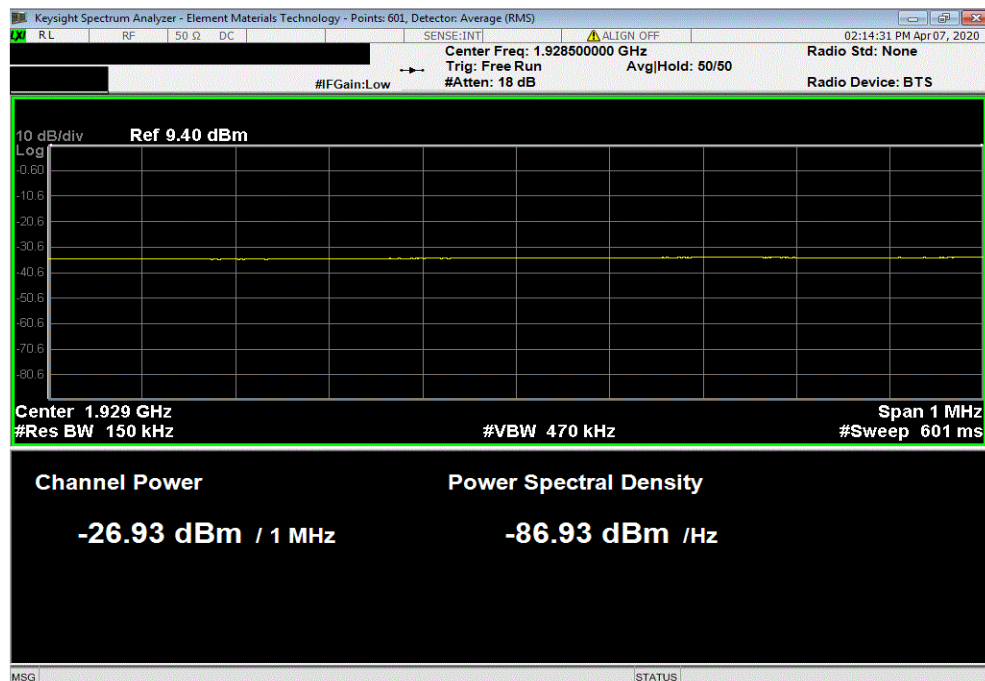
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 16-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 1

				Value	Limit	Result
				-26.508	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 16-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 2

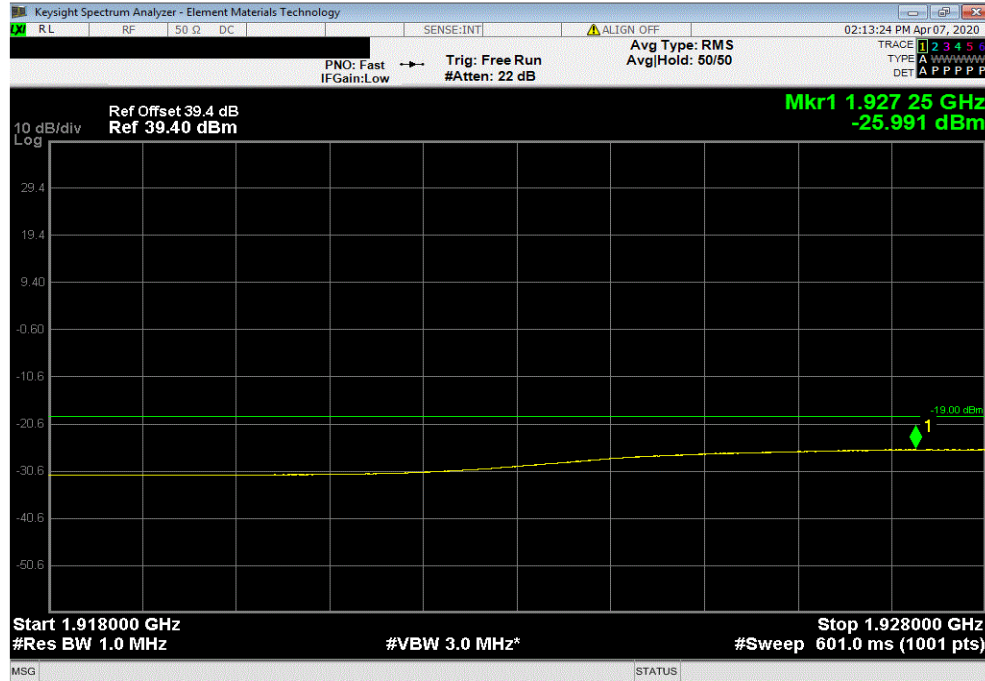
				Value	Limit	Result
				-26.93	-19	Pass



BAND EDGE BAND 2

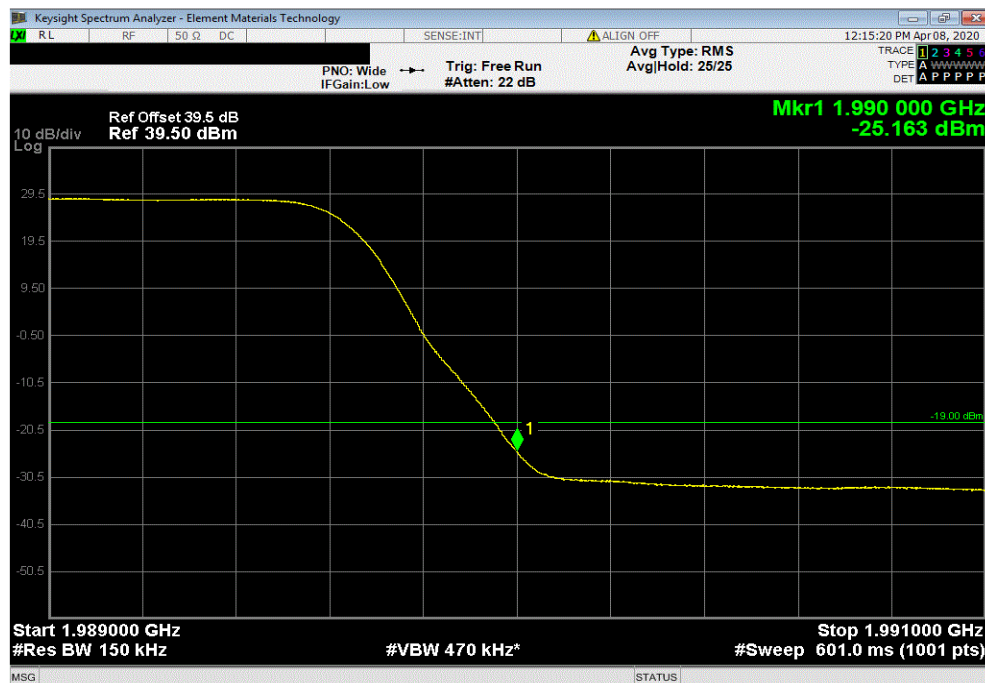
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 16-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 3

				Value	Limit	Result
				-25.991	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 16-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 1

				Value	Limit	Result
				-25.163	-19	Pass



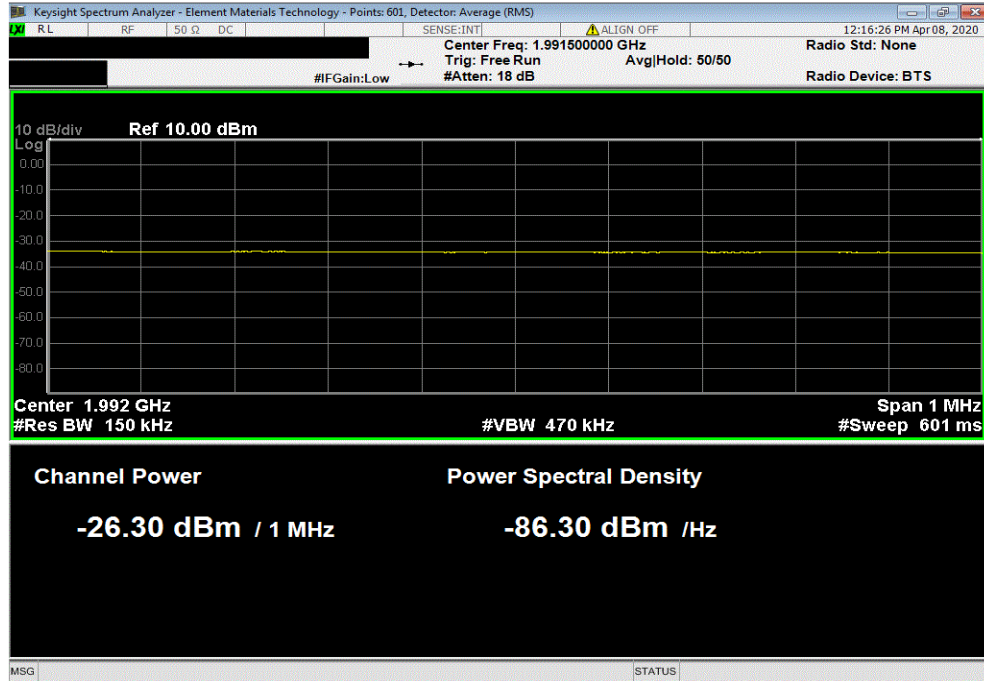
BAND EDGE BAND 2



XMR 2020.03.25.0

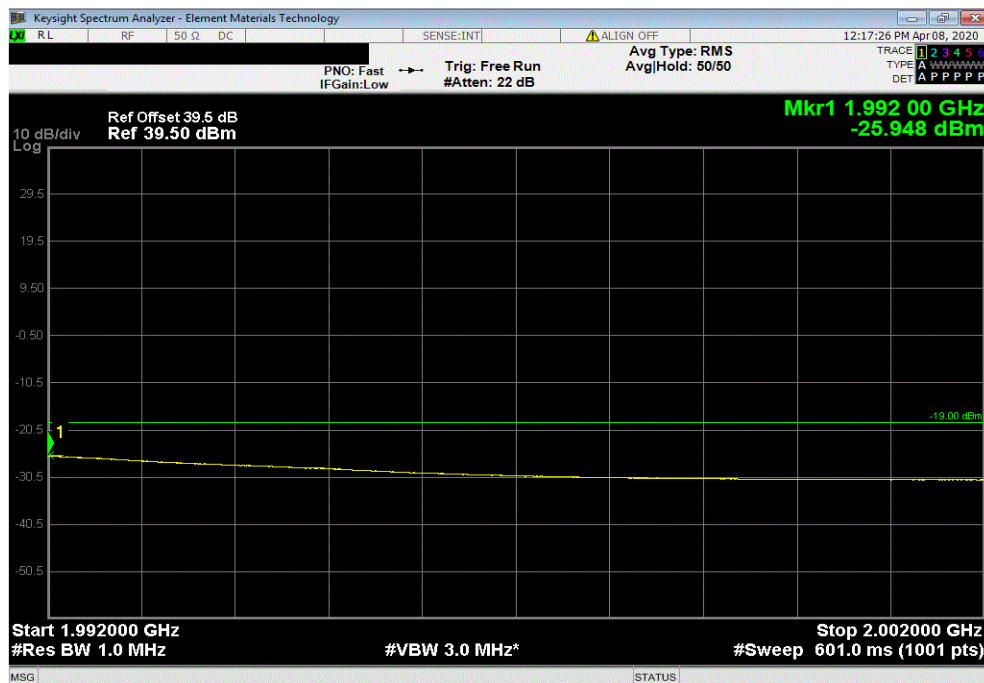
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 16-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 2

				Value	Limit	Result
				-26.3	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 16-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 3

				Value	Limit	Result
				-25.948	-19	Pass



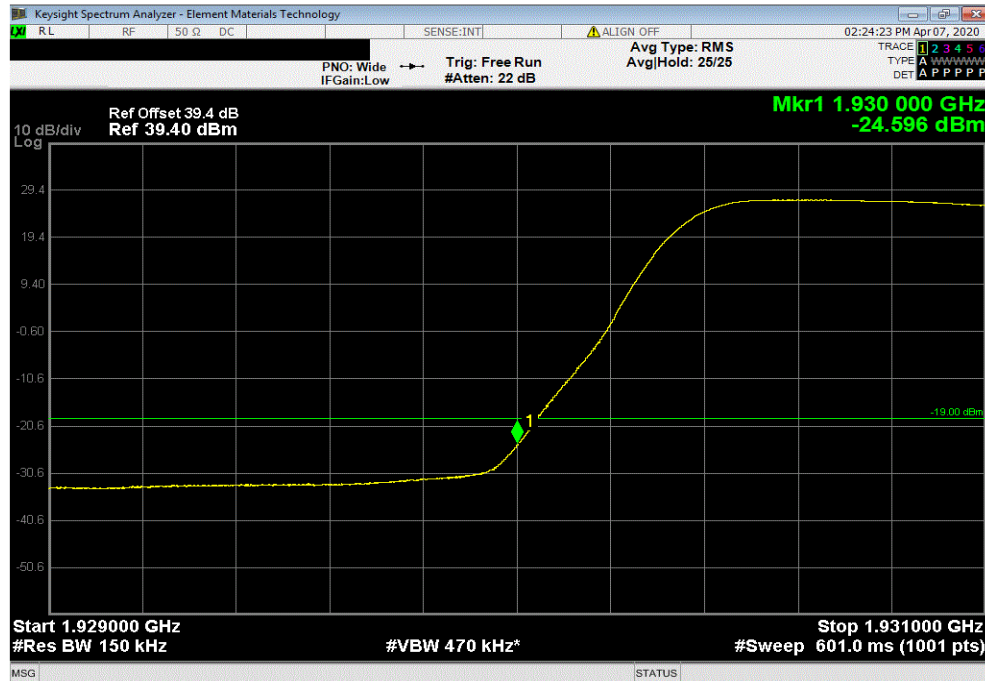
BAND EDGE BAND 2



XMI 2020.03.25.0

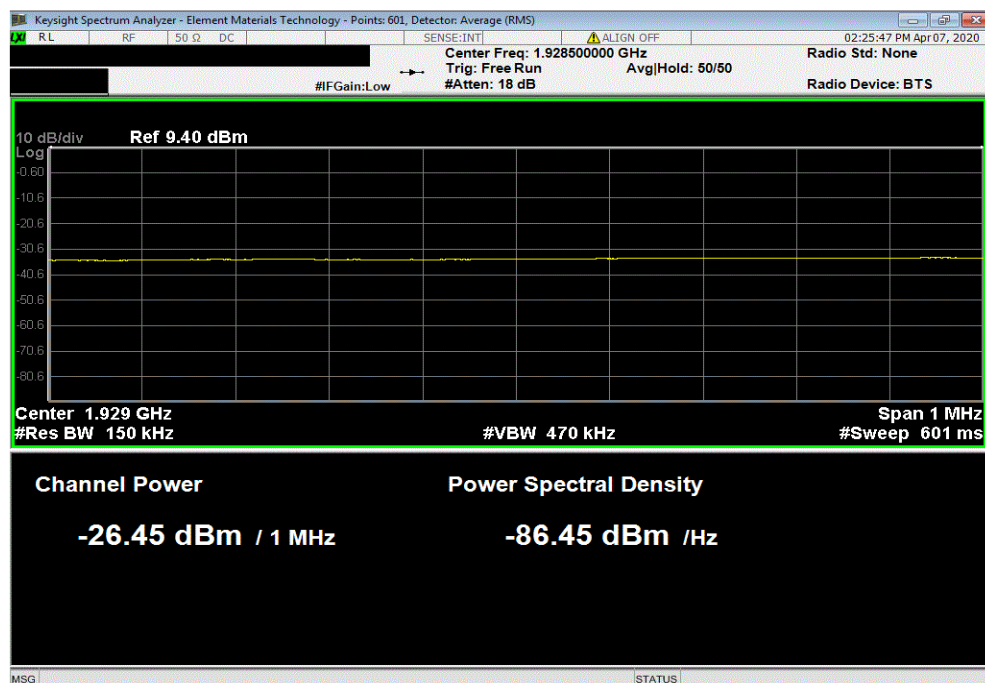
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 64-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 1

				Value	Limit	Result
				-24.596	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 64-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 2

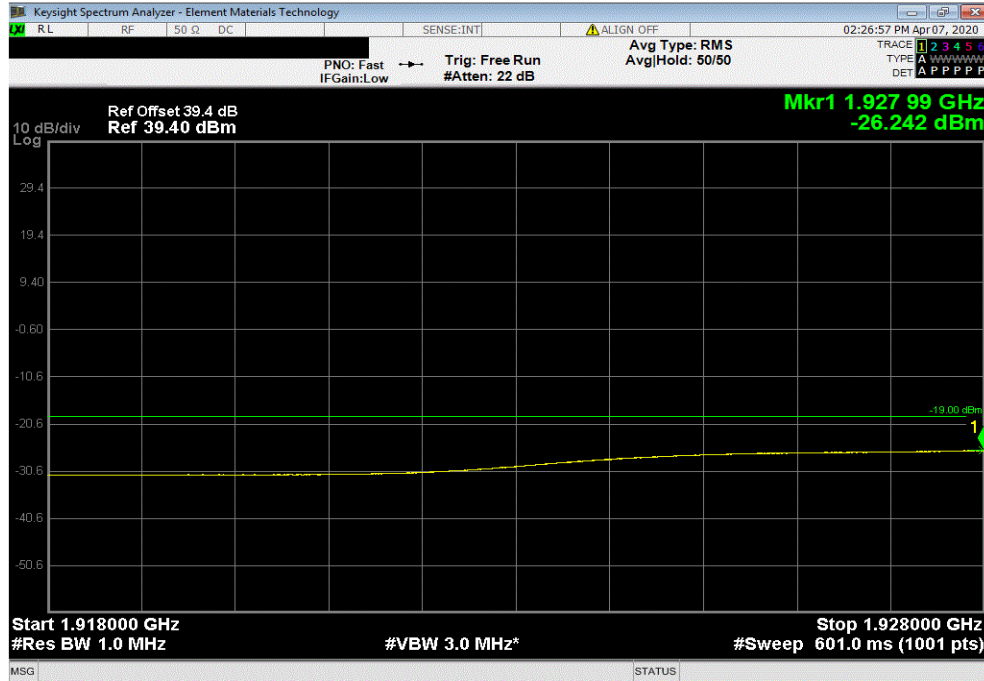
				Value	Limit	Result
				-26.45	-19	Pass



BAND EDGE BAND 2

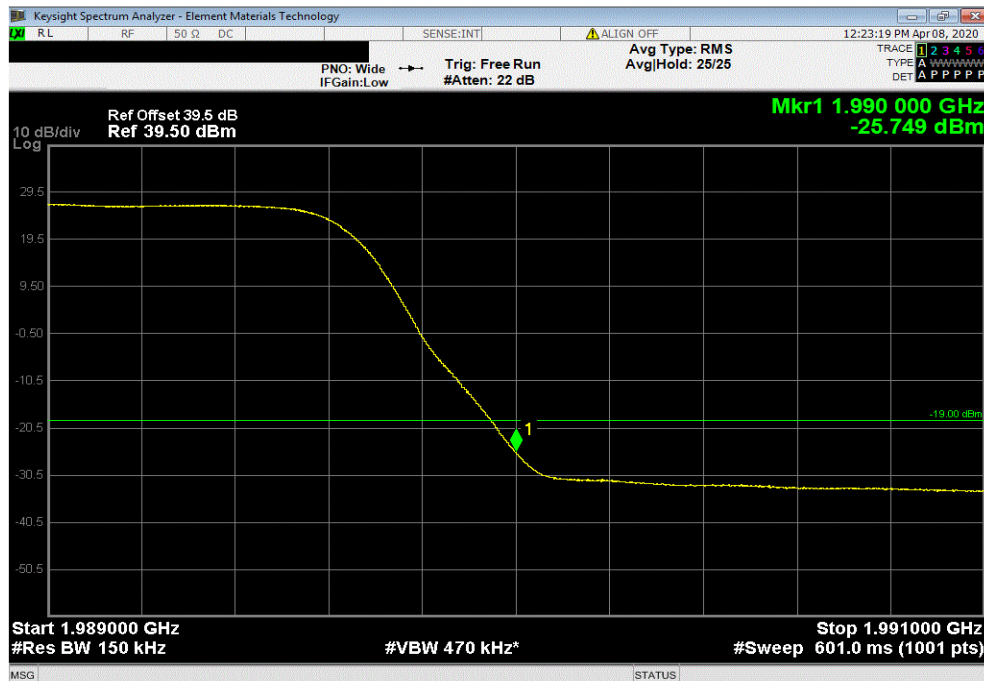
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 64-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 3

				Value	Limit	Result
				-26.242	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 64-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 1

				Value	Limit	Result
				-25.749	-19	Pass



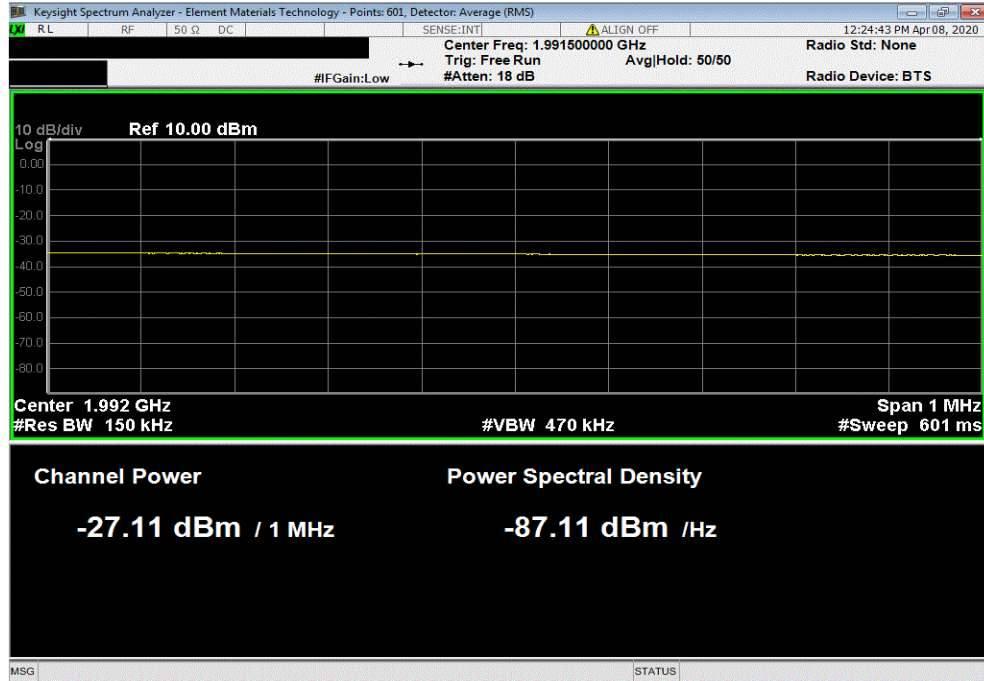
BAND EDGE BAND 2



XMR 2020.03.25.0

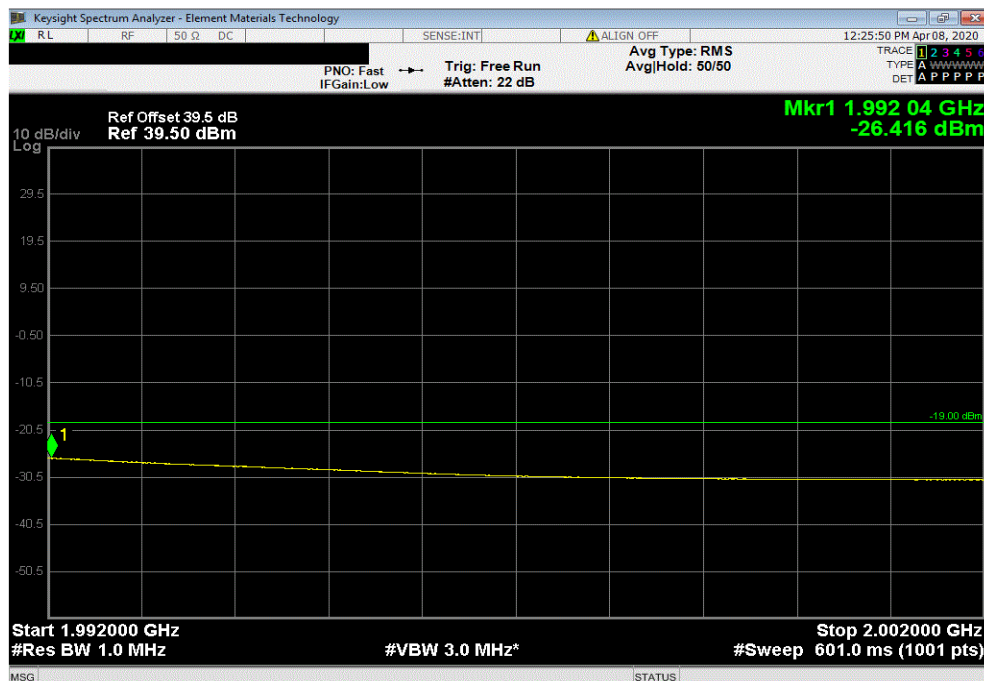
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 64-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 2

				Value	Limit	Result
				-27.11	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 64-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 3

				Value	Limit	Result
				-26.416	-19	Pass



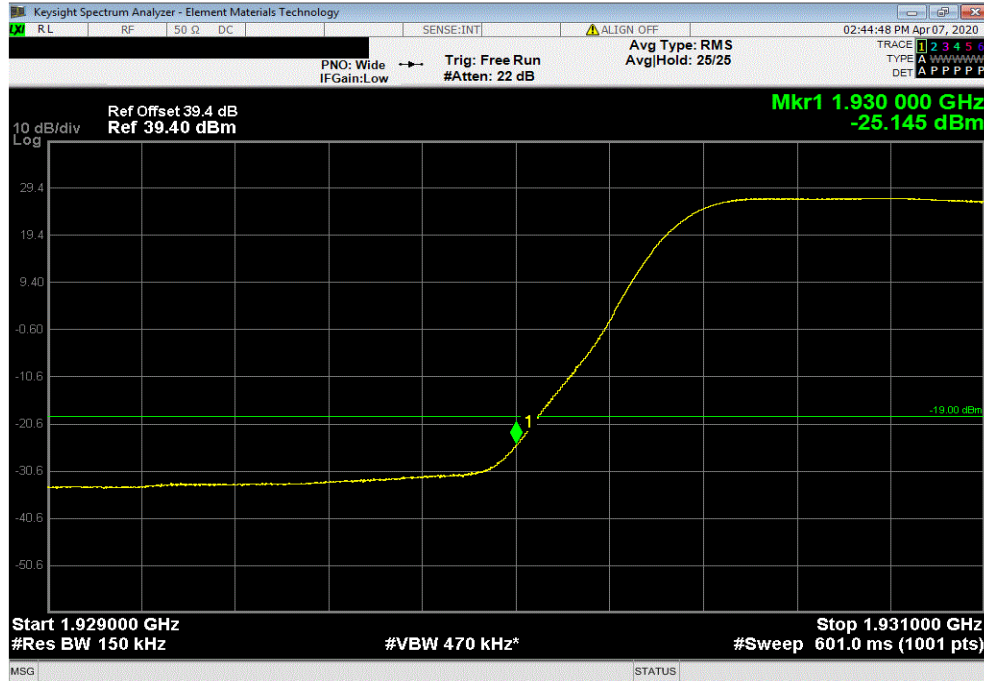
BAND EDGE BAND 2



XMR 2020.03.25.0

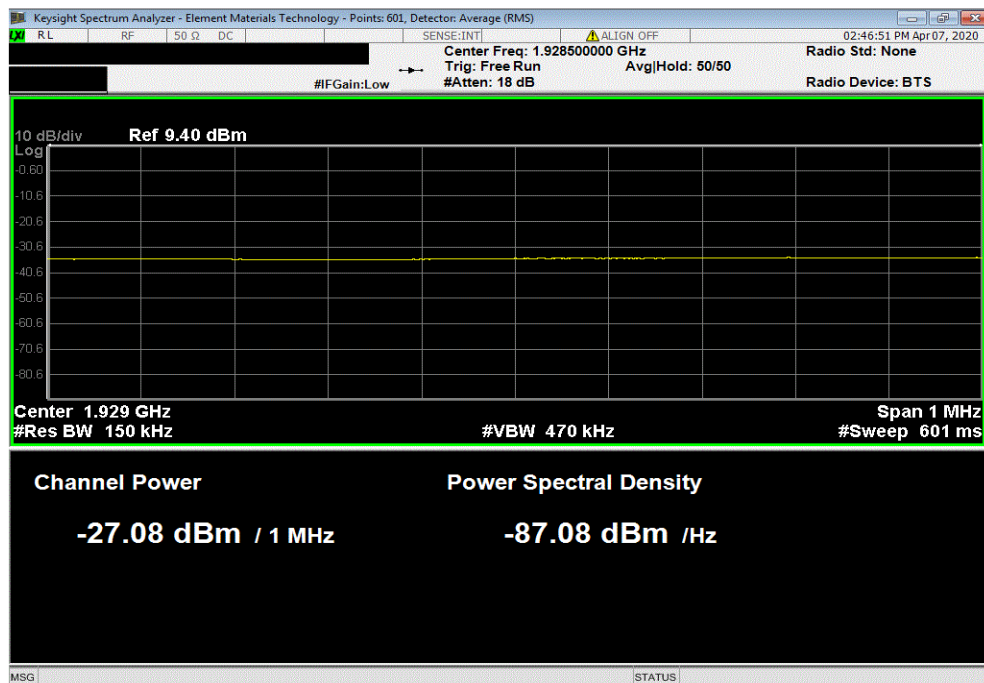
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 256-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 1

				Value	Limit	Result
				-25.145	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 256-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 2

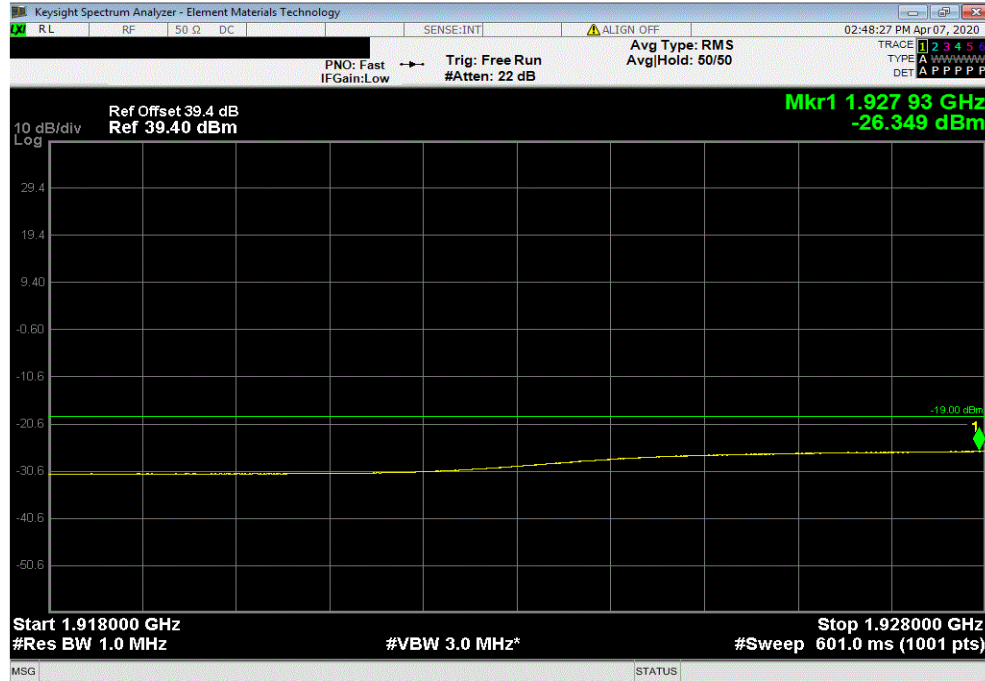
				Value	Limit	Result
				-27.08	-19	Pass



BAND EDGE BAND 2

5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 256-QAM Modulation, Low Channel 1937.5 MHz, Frequency Range 3

				Value	Limit	Result
				-26.349	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 256-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 1

				Value	Limit	Result
				-25.57	-19	Pass



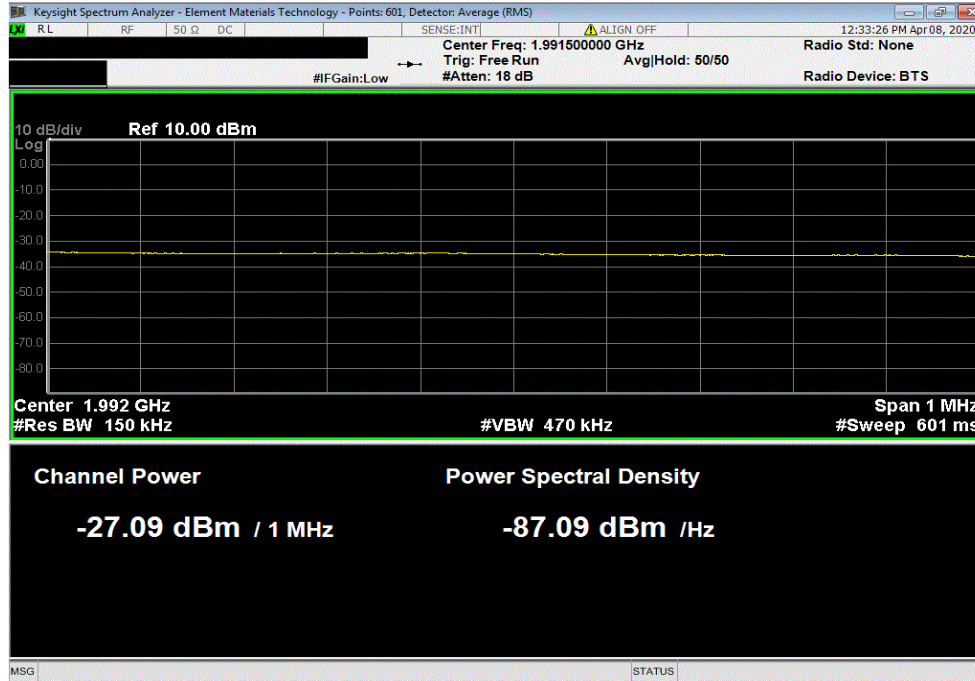
BAND EDGE BAND 2



XMR 2020.03.25.0

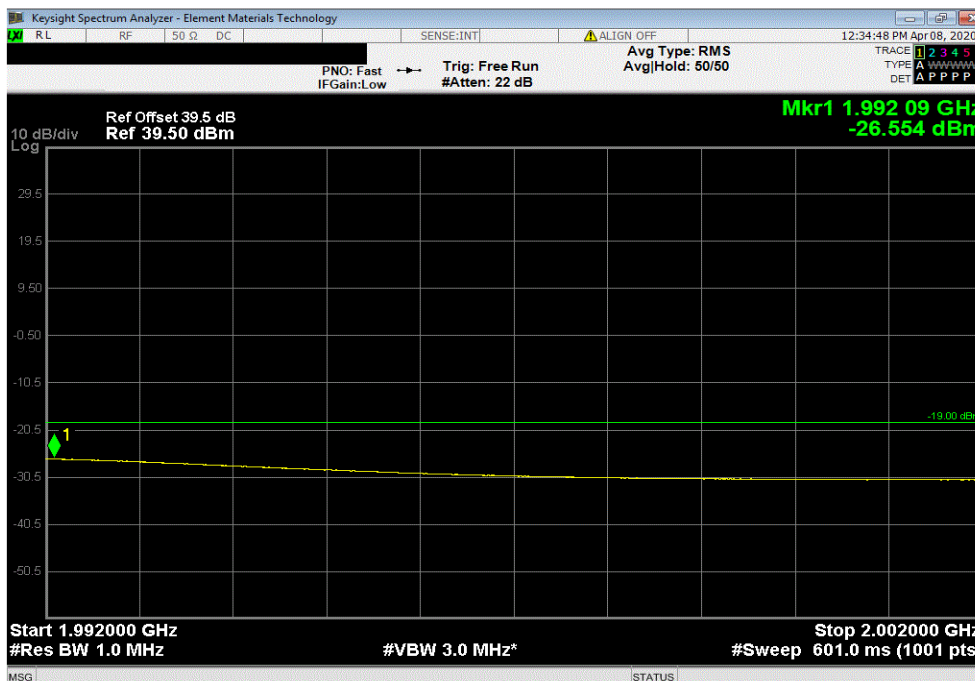
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 256-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 2

				Value	Limit	Result
				-27.09	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 15 MHz Bandwidth, 256-QAM Modulation, High Channel 1982.5 MHz, Frequency Range 3

				Value	Limit	Result
				-26.554	-19	Pass



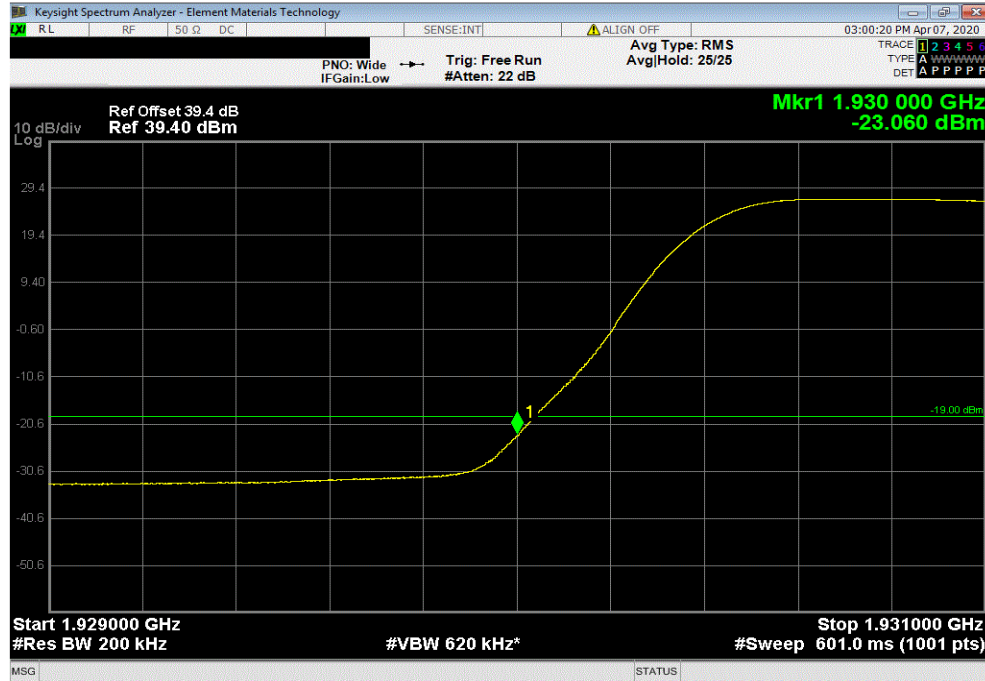
BAND EDGE BAND 2



XMR 2020.03.25.0

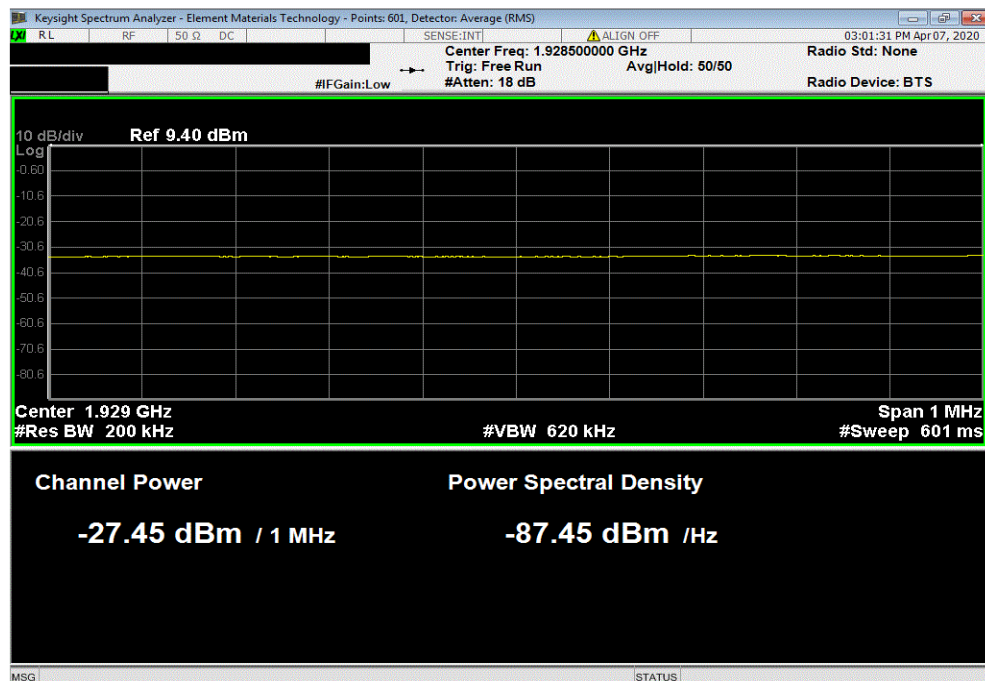
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, QPSK Modulation, Low Channel 1940 MHz, Frequency Range 1

				Value	Limit	Result
				-23.06	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, QPSK Modulation, Low Channel 1940 MHz, Frequency Range 2

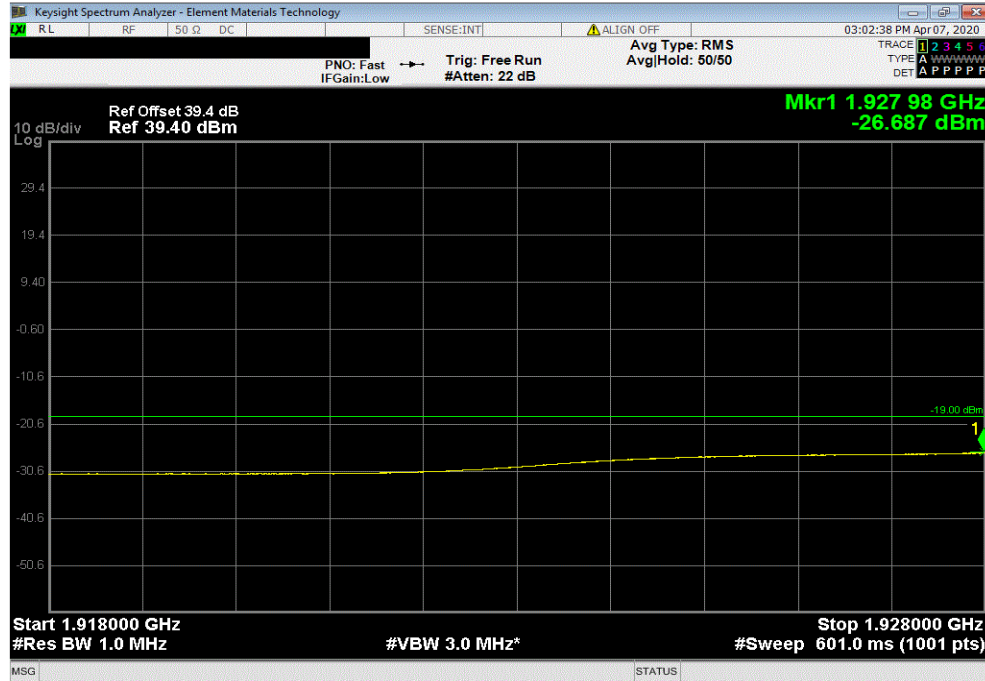
				Value	Limit	Result
				-27.45	-19	Pass



BAND EDGE BAND 2

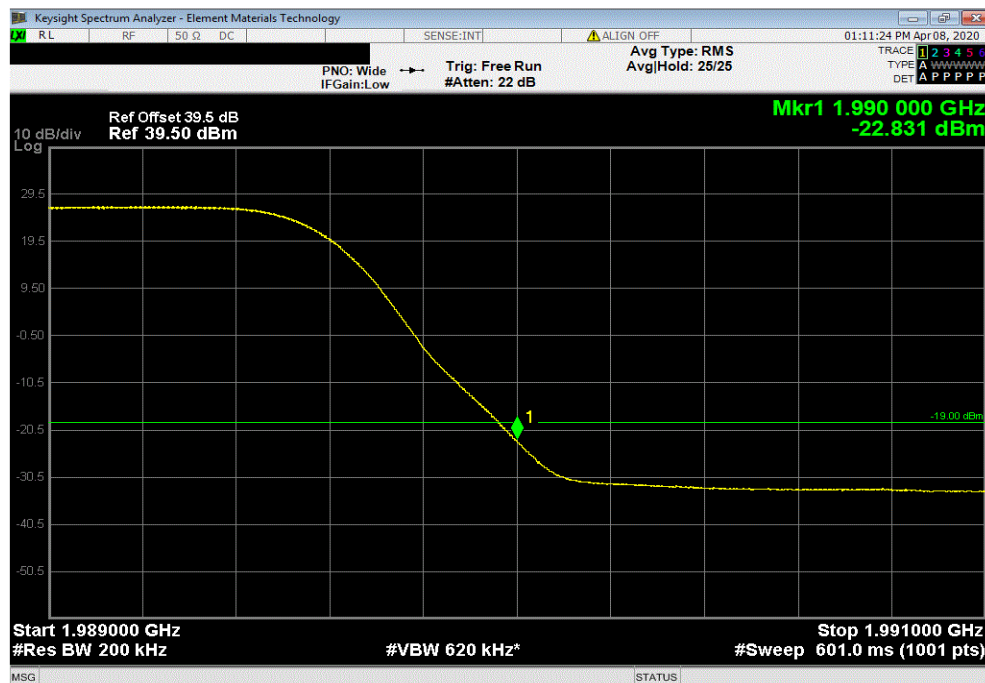
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, QPSK Modulation, Low Channel 1940 MHz, Frequency Range 3

				Value	Limit	Result
				-26.687	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, QPSK Modulation, High Channel 1980 MHz, Frequency Range 1

				Value	Limit	Result
				-22.831	-19	Pass



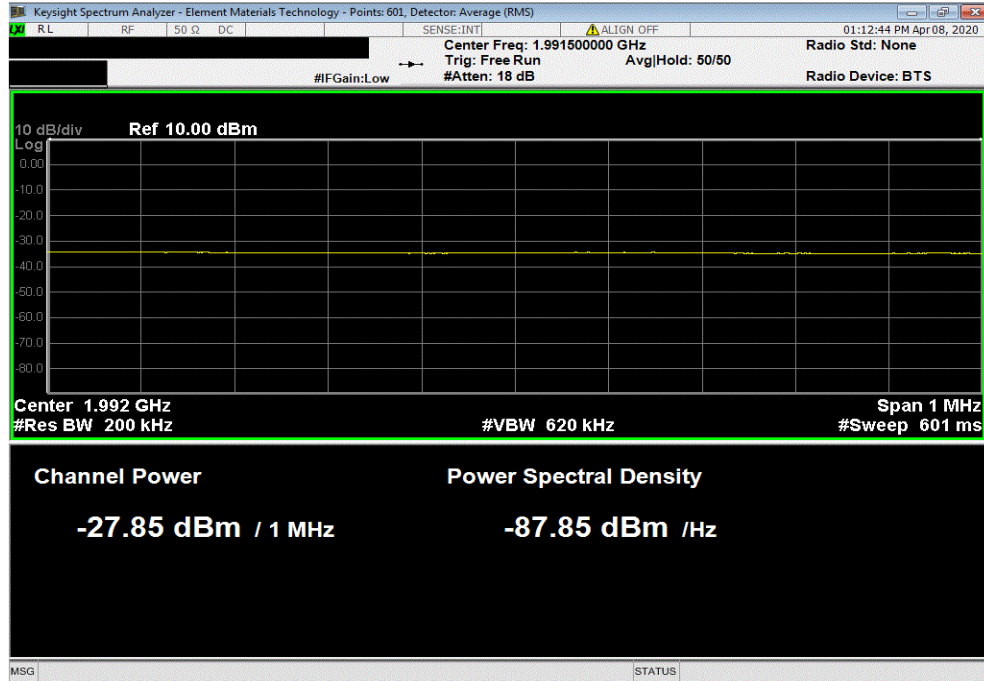
BAND EDGE BAND 2



XMR 2020.03.25.0

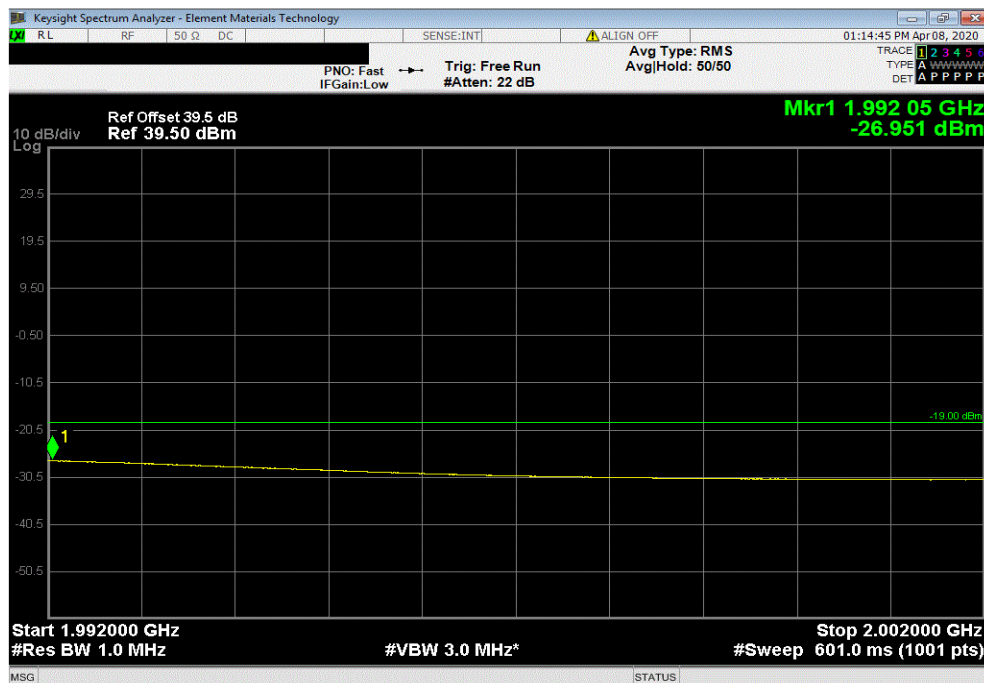
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, QPSK Modulation, High Channel 1980 MHz, Frequency Range 2

				Value	Limit	Result
				-27.85	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, QPSK Modulation, High Channel 1980 MHz, Frequency Range 3

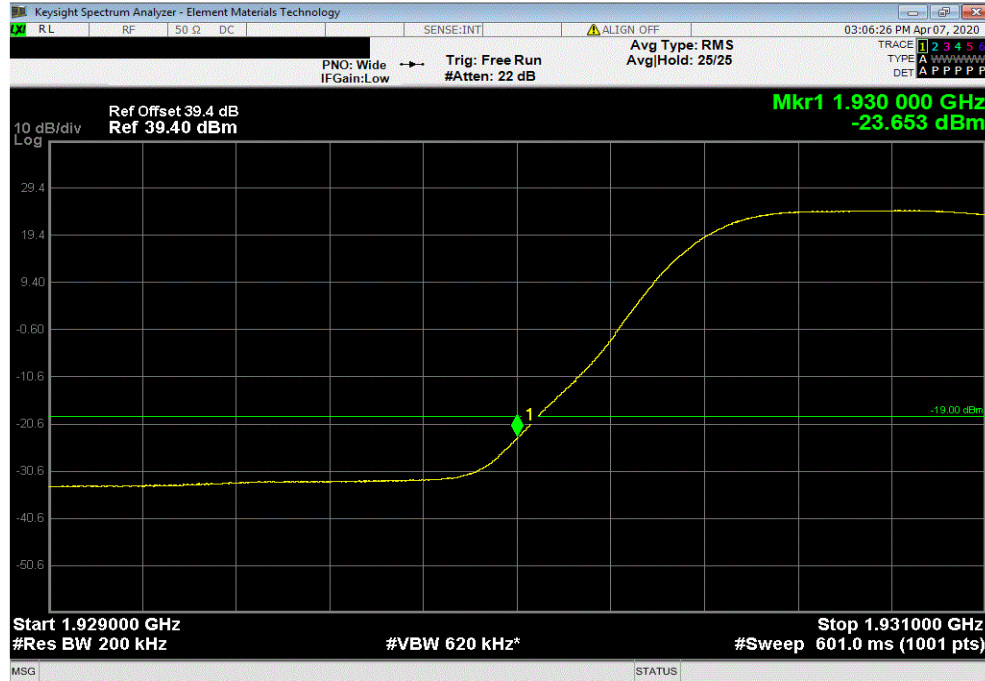
				Value	Limit	Result
				-26.951	-19	Pass



BAND EDGE BAND 2

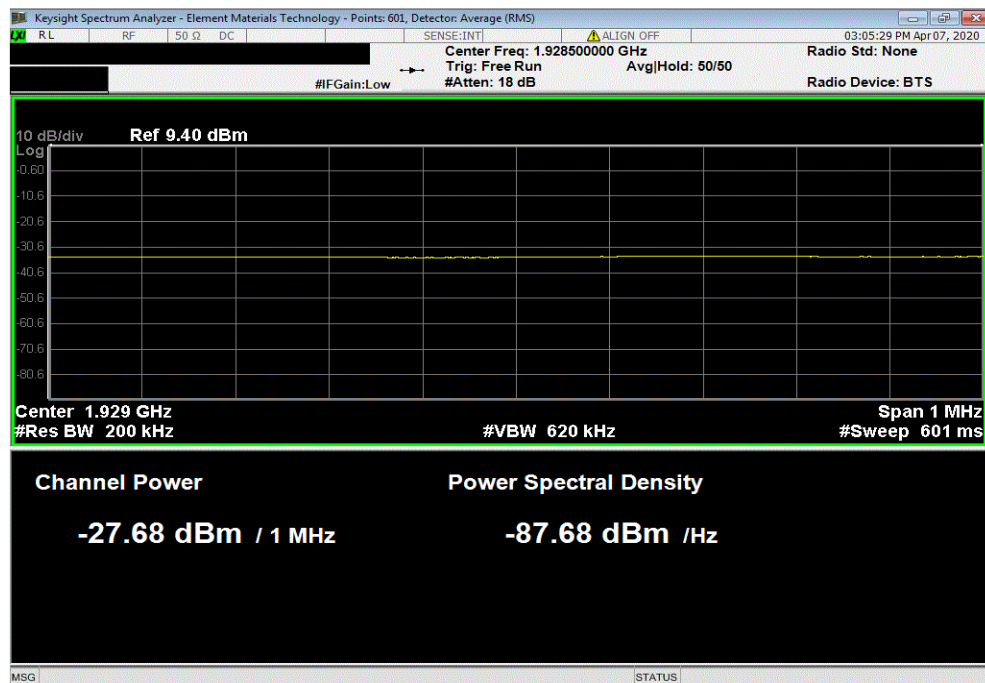
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 16-QAM Modulation, Low Channel 1940 MHz, Frequency Range 1

	Value	Limit	Result
	-23.653	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 16-QAM Modulation, Low Channel 1940 MHz, Frequency Range 2

	Value	Limit	Result
	-27.68	-19	Pass



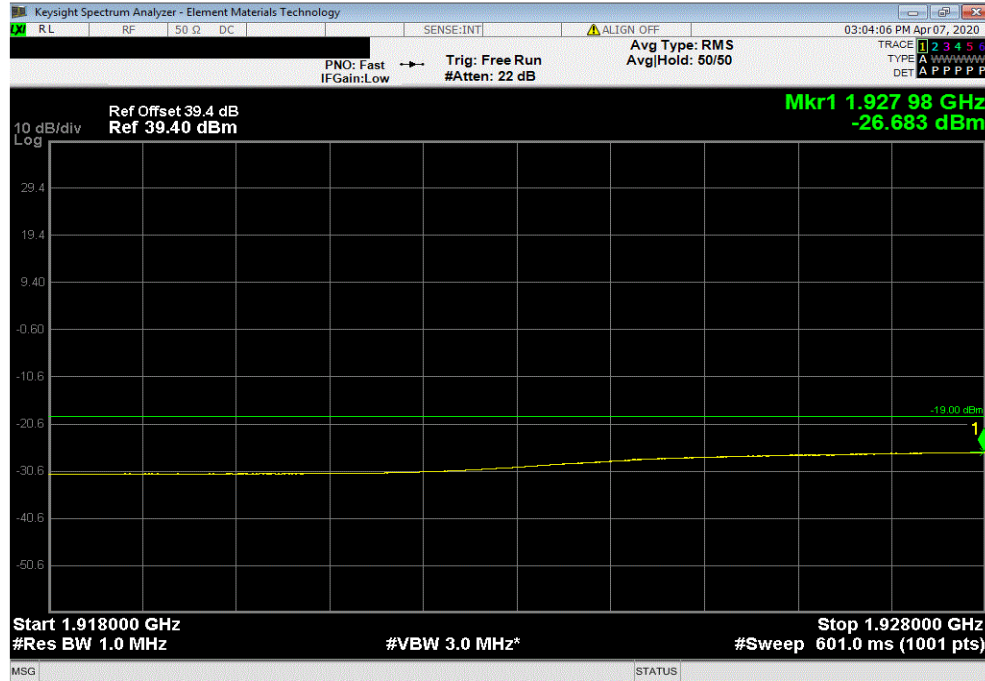
BAND EDGE BAND 2



XMR 2020.03.25.0

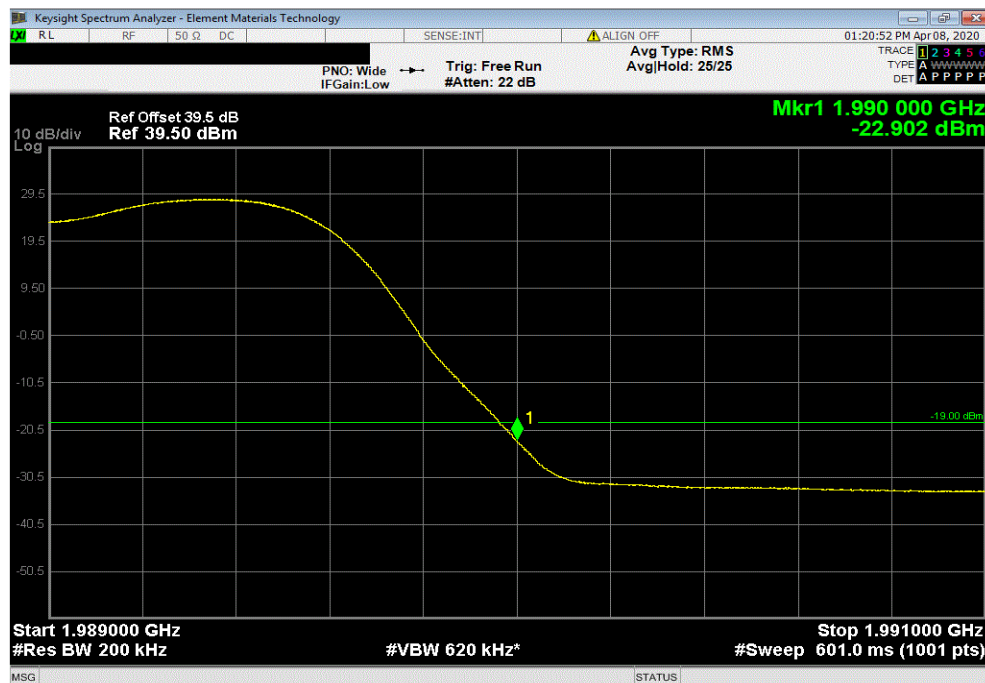
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 16-QAM Modulation, Low Channel 1940 MHz, Frequency Range 3

	Value	Limit	Result
	-26.683	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 16-QAM Modulation, High Channel 1980 MHz, Frequency Range 1

	Value	Limit	Result
	-22.902	-19	Pass



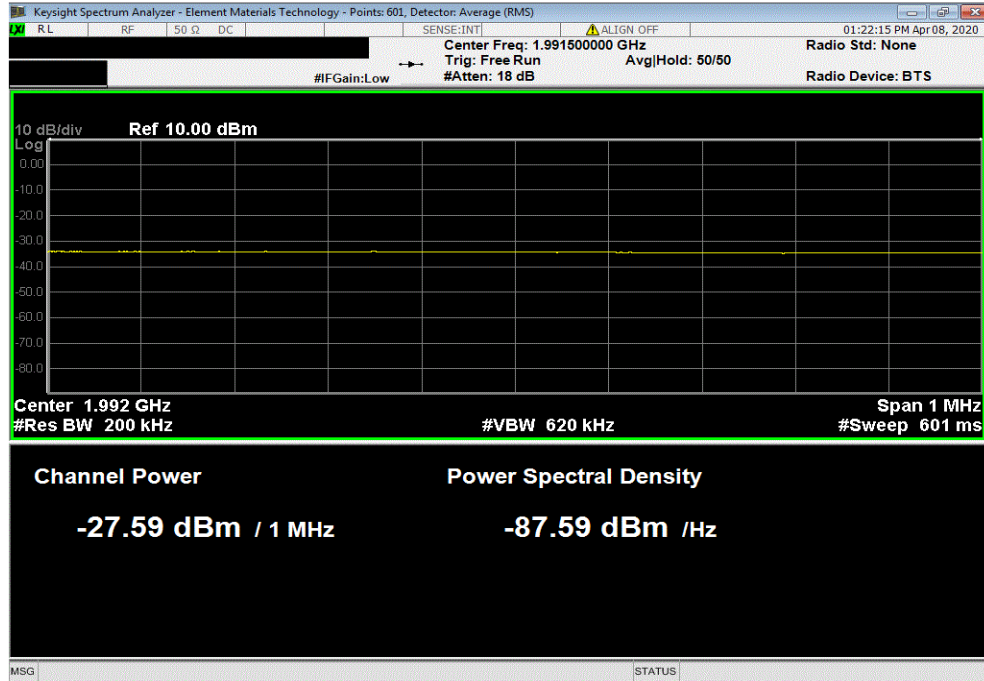
BAND EDGE BAND 2



XMR 2020.03.25.0

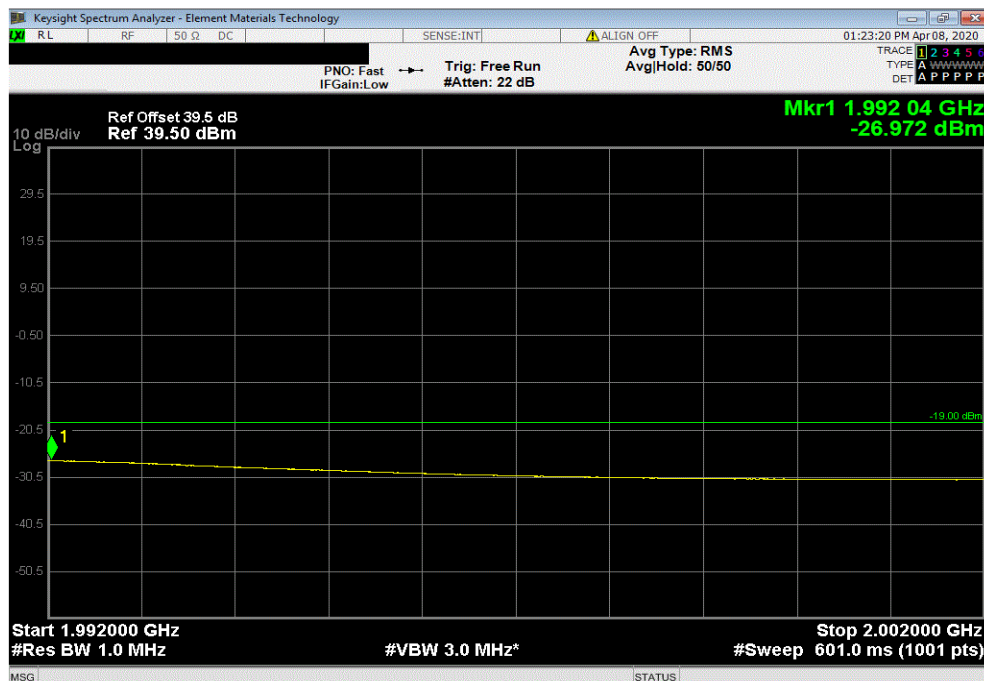
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 16-QAM Modulation, High Channel 1980 MHz, Frequency Range 2

				Value	Limit	Result
				-27.59	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 16-QAM Modulation, High Channel 1980 MHz, Frequency Range 3

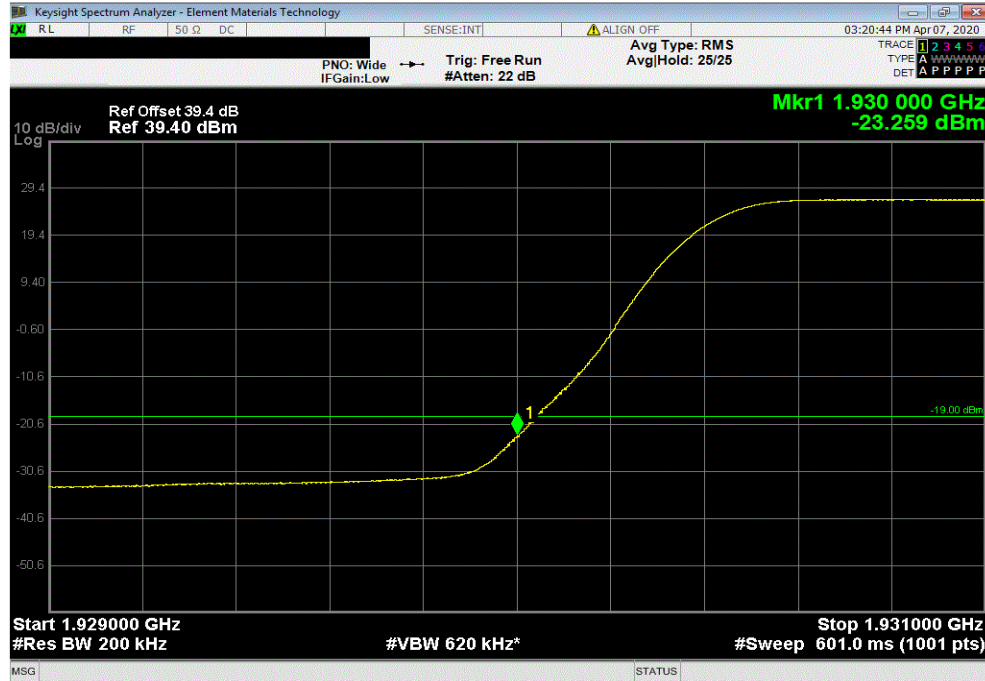
				Value	Limit	Result
				-26.972	-19	Pass



BAND EDGE BAND 2

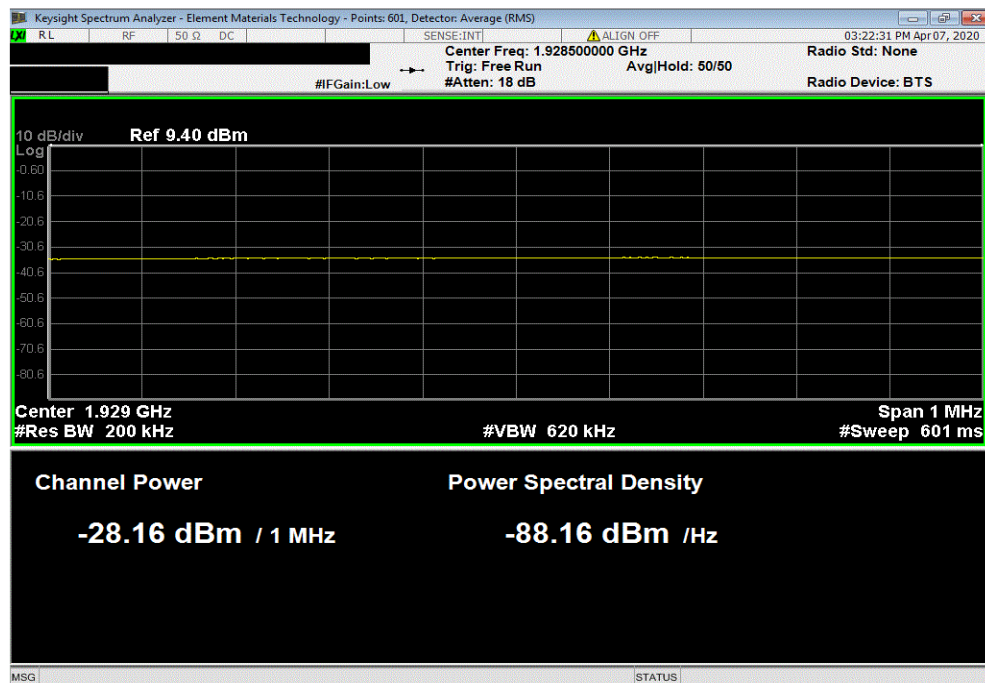
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 64-QAM Modulation, Low Channel 1940 MHz, Frequency Range 1

				Value	Limit	Result
				-23.259	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 64-QAM Modulation, Low Channel 1940 MHz, Frequency Range 2

				Value	Limit	Result
				-28.16	-19	Pass

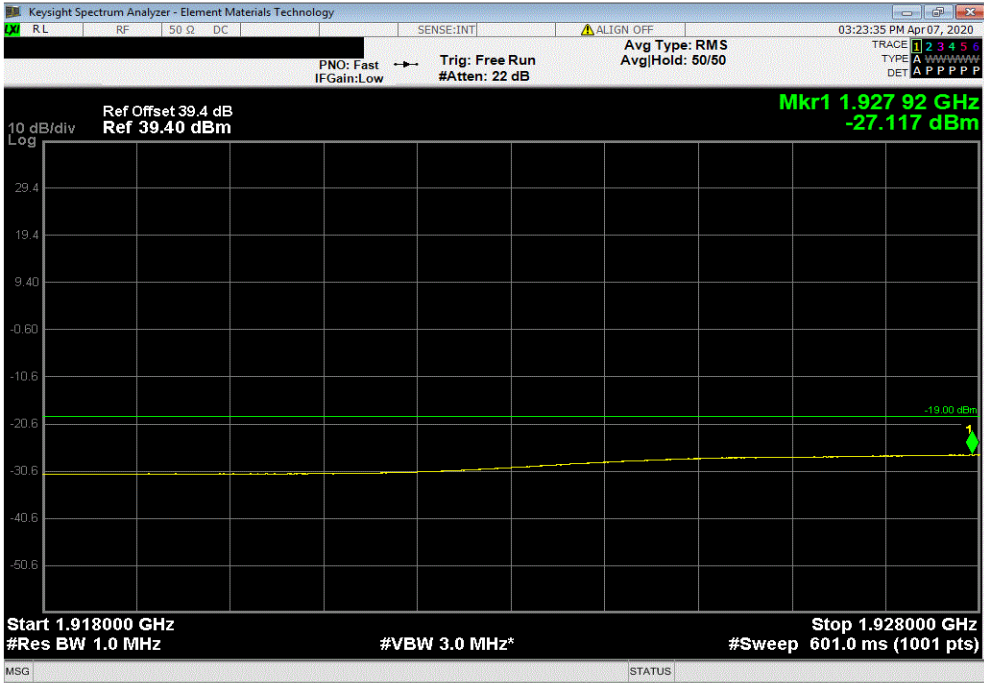


BAND EDGE BAND 2

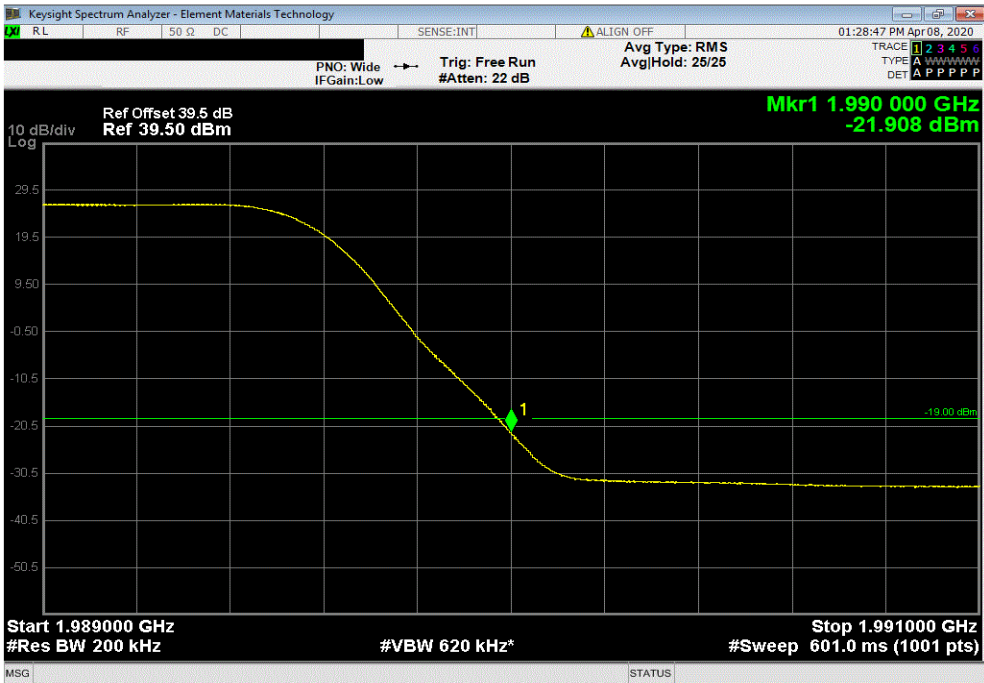


XMR 2020.03.25.0

5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 64-QAM Modulation, Low Channel 1940 MHz, Frequency Range 3						
				Value	Limit	Result
				-27.117	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 64-QAM Modulation, High Channel 1980 MHz, Frequency Range 1						
				Value	Limit	Result
				-21.908	-19	Pass



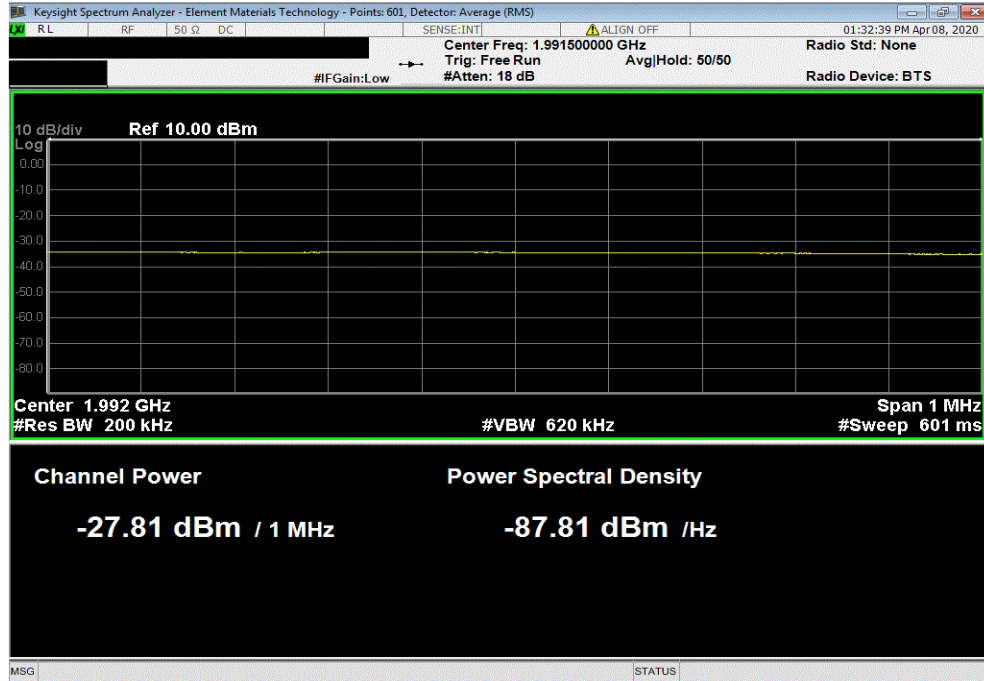
BAND EDGE BAND 2



XMR 2020.03.25.0

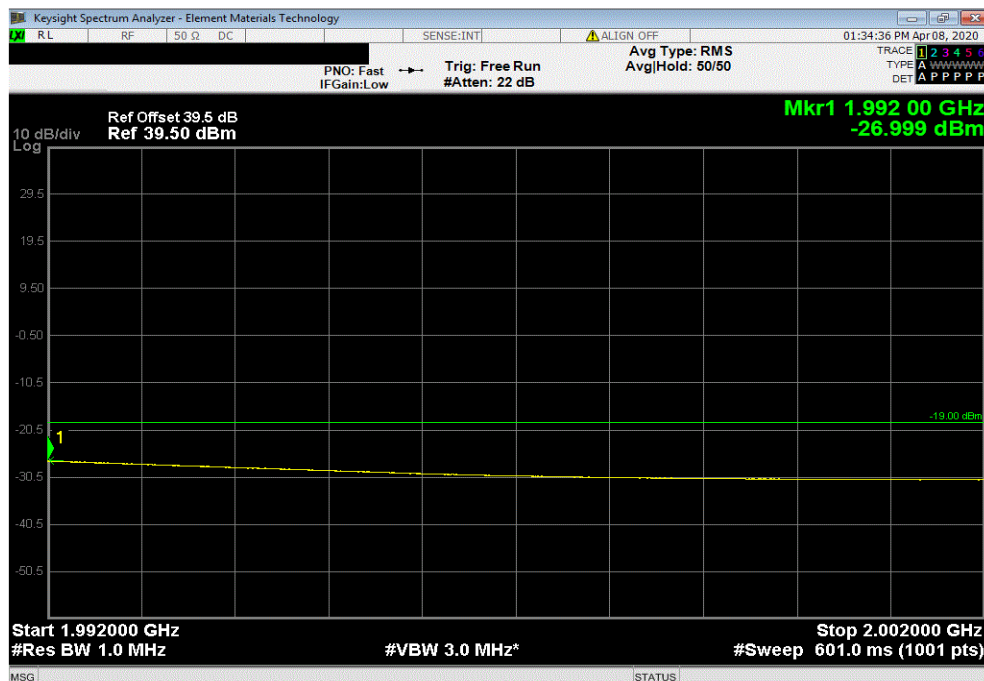
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 64-QAM Modulation, High Channel 1980 MHz, Frequency Range 2

				Value	Limit	Result
				-27.81	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 64-QAM Modulation, High Channel 1980 MHz, Frequency Range 3

				Value	Limit	Result
				-26.999	-19	Pass



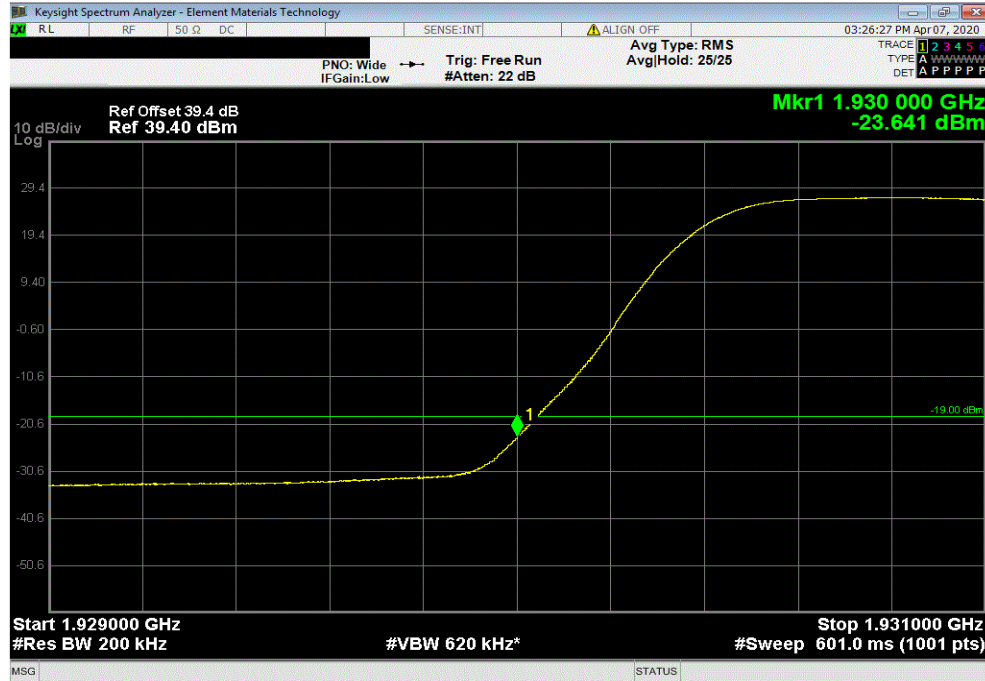
BAND EDGE BAND 2



XMI 2020.03.25.0

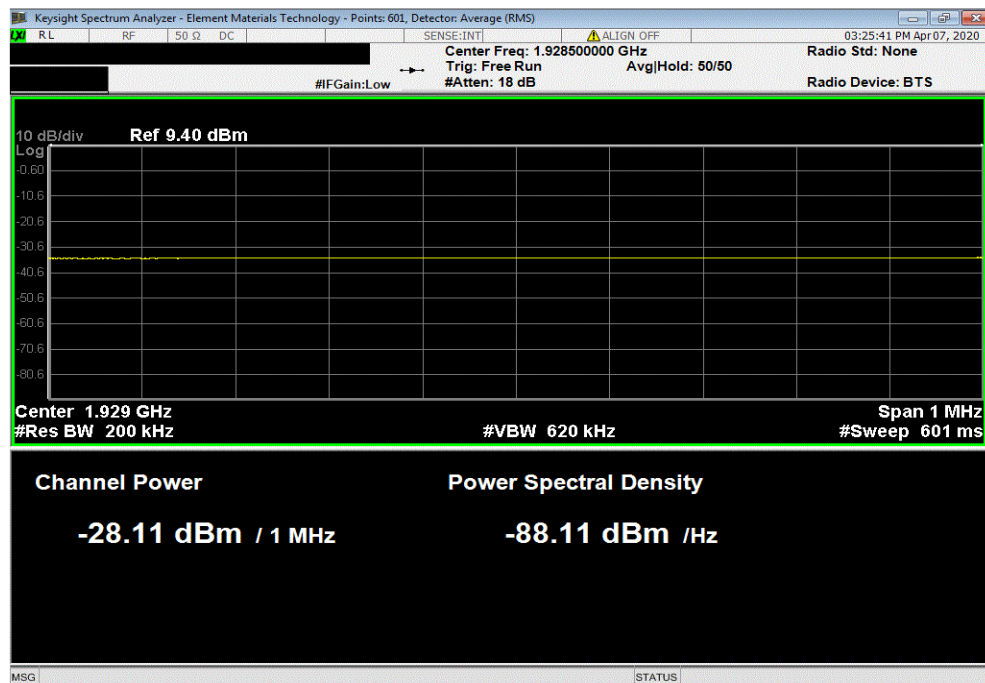
5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 256-QAM Modulation, Low Channel 1940 MHz, Frequency Range 1

				Value	Limit	Result
				-23.641	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 256-QAM Modulation, Low Channel 1940 MHz, Frequency Range 2

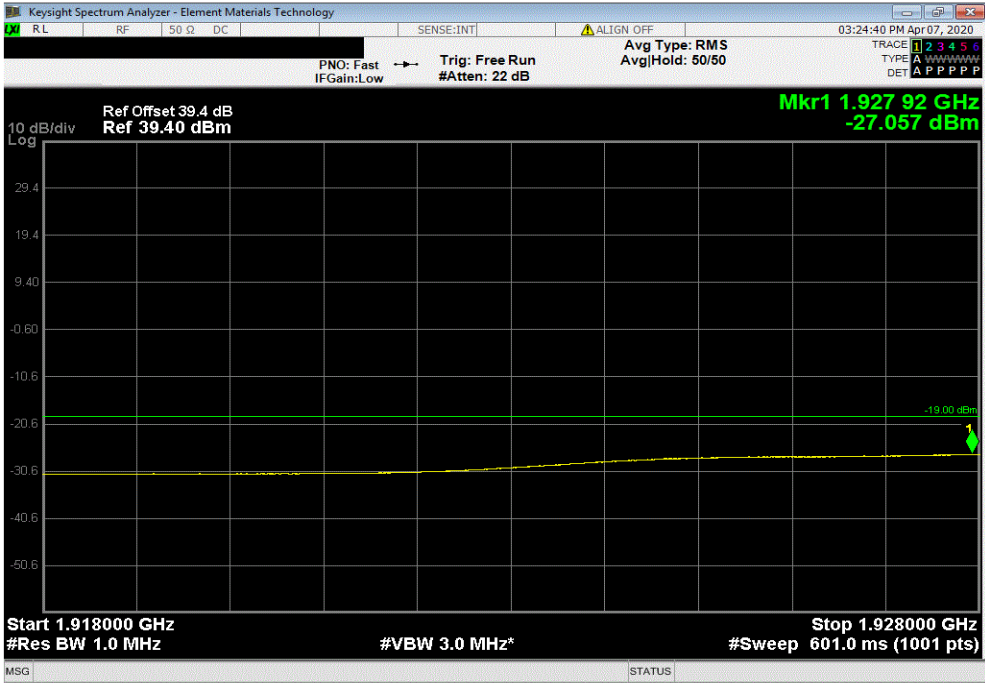
				Value	Limit	Result
				-28.11	-19	Pass



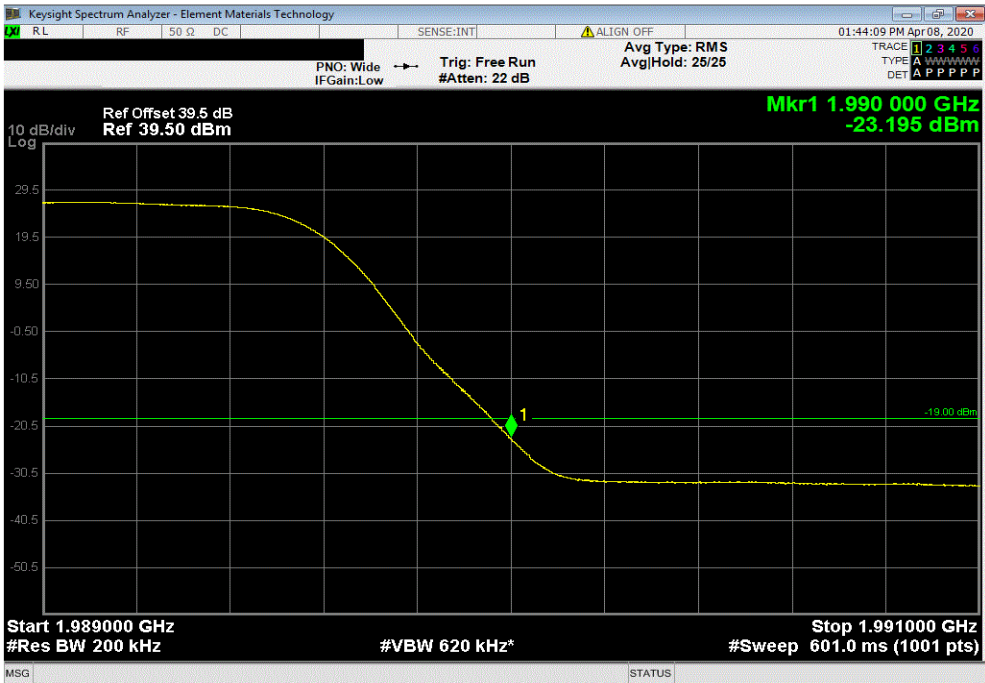
BAND EDGE BAND 2



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 256-QAM Modulation, Low Channel 1940 MHz, Frequency Range 3						
				Value	Limit	Result
				-27.057	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 256-QAM Modulation, High Channel 1980 MHz, Frequency Range 1						
				Value	Limit	Result
				-23.195	-19	Pass



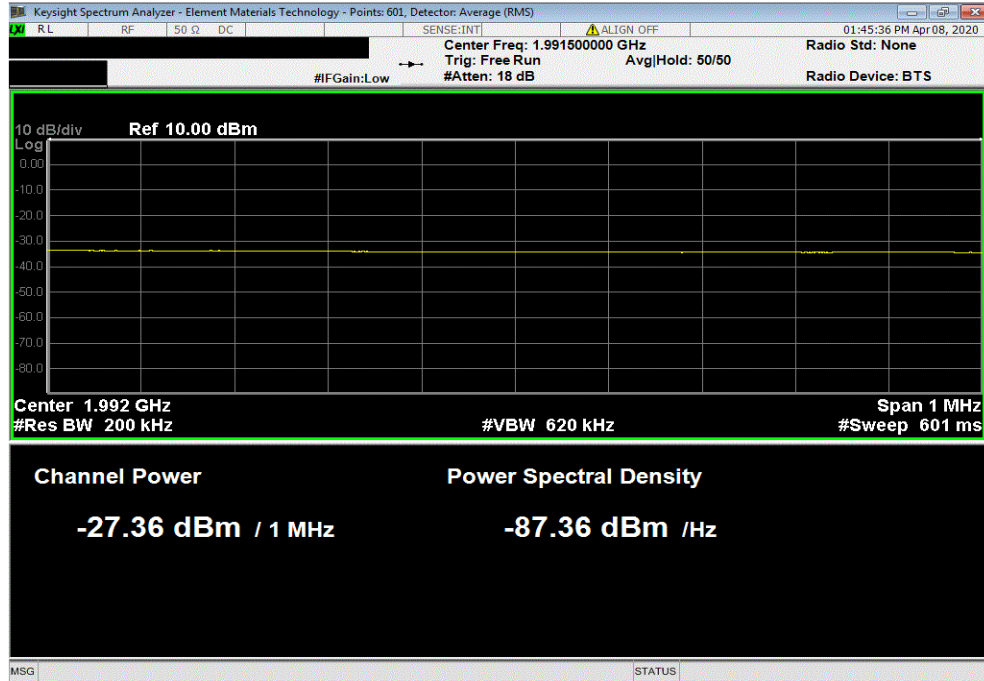
BAND EDGE BAND 2



XMR 2020.03.25.0

5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 256-QAM Modulation, High Channel 1980 MHz, Frequency Range 2

				Value	Limit	Result
				-27.36	-19	Pass



5G Band 2, 1930 MHz - 1990 MHz, Port 7, 20 MHz Bandwidth, 256-QAM Modulation, High Channel 1980 MHz, Frequency Range 3

				Value	Limit	Result
				-27.165	-19	Pass

