

# BAND EDGE COMPLIANCE



XMIT 2020.03.25.0

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.

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.

RF conducted emissions testing was performed only on one port. The testing was performed on the same version of hardware (FHFB) as the original certification test. The FHFB antenna ports are essentially electrically identical (the RF power variation between antenna ports is small as shown in the original certification testing) and antenna port 1 was selected to perform the testing under this effort as allowed by ANSI C63.26-2015 paragraph 5.7.2i.

# BAND EDGE COMPLIANCE



Test 2020.09.08.0 BETA XMN 2020.03.25.0

EUT:	FHFB (FCC C2PC)		Work Order:	NOKI0021
Serial Number:	L9144200604		Date:	10-Sep-20
Customer:	Nokia Solutions and Networks		Temperature:	22.7 °C
Attendees:	Mitchell Hill, John Rattanavong		Humidity:	48.1% RH
Project:	None		Barometric Pres.:	1023 mbar
Tested by:	Brandon Hobbs	Power:	54 VDC	Job Site:
TEST SPECIFICATIONS		Test Method		
FCC 24E:2020		ANSI C63.26:2015		
RSS-133:2018		RSS-133:2018		
COMMENTS				
All measurement path losses were accounted for in the reference level offset including any attenuators, filters and DC blocks. The carrier power was set to maximum except for the 15MHz channel bandwidth. The power was reduced by 1 dB at the 15MHz channel bandwidth "High Channel" (1987.5MHz) and "Low Channel" (1937.5MHz) and the measurement marker was offset RBW/2 from the band edge frequency as allowed by C63.26 clause 5.7.2.g. The 15MHz channel bandwidth at full power was re-measured at "High Channel - 100kHz" (1987.4MHz) and "Low Channel + 100kHz" (1937.6MHz) at the band edge frequencies.				
DEVIATIONS FROM TEST STANDARD				
None				
Configuration #	2	Signature		
		Frequency Range	Value (dBm)	Limit (dBm)
				Result

Band 25, 1930 MHz - 1995 MHz, 5G

Port 1

5 MHz Bandwidth

QPSK Modulation

Low Channel, 1932.5 MHz	1	-20.54	-19	Pass
Low Channel, 1932.5 MHz	2	-19.53	-19	Pass
Low Channel, 1932.5 MHz	3	-22.11	-19	Pass
High Channel, 1992.5 MHz	1	-20.55	-19	Pass
High Channel, 1992.5 MHz	2	-20.97	-19	Pass
High Channel, 1992.5 MHz	3	-25.2	-19	Pass

16-QAM Modulation

Low Channel, 1932.5 MHz	1	-22.78	-19	Pass
Low Channel, 1932.5 MHz	2	-22.5	-19	Pass
Low Channel, 1932.5 MHz	3	-22.78	-19	Pass
High Channel, 1992.5 MHz	1	-20.32	-19	Pass
High Channel, 1992.5 MHz	2	-22.62	-19	Pass
High Channel, 1992.5 MHz	3	-25.59	-19	Pass

64-QAM Modulation

Low Channel, 1932.5 MHz	1	-21.23	-19	Pass
Low Channel, 1932.5 MHz	2	-22.2	-19	Pass
Low Channel, 1932.5 MHz	3	-21.47	-19	Pass
High Channel, 1992.5 MHz	1	-21.44	-19	Pass
High Channel, 1992.5 MHz	2	-22.54	-19	Pass
High Channel, 1992.5 MHz	3	-24.49	-19	Pass

256-QAM Modulation

Low Channel, 1932.5 MHz	1	-22.85	-19	Pass
Low Channel, 1932.5 MHz	2	-22.91	-19	Pass
Low Channel, 1932.5 MHz	3	-22.61	-19	Pass
High Channel, 1992.5 MHz	1	-19.72	-19	Pass
High Channel, 1992.5 MHz	2	-22.61	-19	Pass
High Channel, 1992.5 MHz	3	-24.46	-19	Pass

10 MHz Bandwidth

QPSK Modulation

Low Channel, 1935.0 MHz	1	-21.27	-19	Pass
Low Channel, 1935.0 MHz	2	-25.07	-19	Pass
Low Channel, 1935.0 MHz	3	-25.1	-19	Pass
High Channel, 1990 MHz	1	-22.88	-19	Pass
High Channel, 1990 MHz	2	-24.52	-19	Pass
High Channel, 1990 MHz	3	-25.44	-19	Pass

16-QAM Modulation

Low Channel, 1935.0 MHz	1	-20.82	-19	Pass
Low Channel, 1935.0 MHz	2	-24.53	-19	Pass
Low Channel, 1935.0 MHz	3	-24.44	-19	Pass
High Channel, 1990 MHz	1	-22.08	-19	Pass
High Channel, 1990 MHz	2	-24.95	-19	Pass
High Channel, 1990 MHz	3	-25.56	-19	Pass

64-QAM Modulation

Low Channel, 1935.0 MHz	1	-21.18	-19	Pass
Low Channel, 1935.0 MHz	2	-24.61	-19	Pass
Low Channel, 1935.0 MHz	3	-24.25	-19	Pass
High Channel, 1990 MHz	1	-20.52	-19	Pass
High Channel, 1990 MHz	2	-24.67	-19	Pass
High Channel, 1990 MHz	3	-25.68	-19	Pass

256-QAM Modulation

Low Channel, 1935.0 MHz	1	-20.22	-19	Pass
Low Channel, 1935.0 MHz	2	-24.79	-19	Pass
Low Channel, 1935.0 MHz	3	-24.63	-19	Pass
High Channel, 1990 MHz	1	-20.39	-19	Pass
High Channel, 1990 MHz	2	-24.94	-19	Pass
High Channel, 1990 MHz	3	-25.56	-19	Pass

15 MHz Bandwidth, 1dB Reduced Power

QPSK Modulation

Low Channel, 1937.5 MHz	1	-21.7	-19	Pass
Low Channel, 1937.5 MHz	2	-26.47	-19	Pass
Low Channel, 1937.5 MHz	3	-25.86	-19	Pass
High Channel, 1987.5 MHz	1	-21.21	-19	Pass
High Channel, 1987.5 MHz	2	-25.6	-19	Pass
High Channel, 1987.5 MHz	3	-26.16	-19	Pass

16-QAM Modulation

Low Channel, 1937.5 MHz	1	-20.6	-19	Pass
Low Channel, 1937.5 MHz	2	-26.04	-19	Pass
Low Channel, 1937.5 MHz	3	-25.82	-19	Pass
High Channel, 1987.5 MHz	1	-20.67	-19	Pass
High Channel, 1987.5 MHz	2	-25.51	-19	Pass
High Channel, 1987.5 MHz	3	-26.16	-19	Pass

64-QAM Modulation

Low Channel, 1937.5 MHz	1	-24.683	-19	Pass
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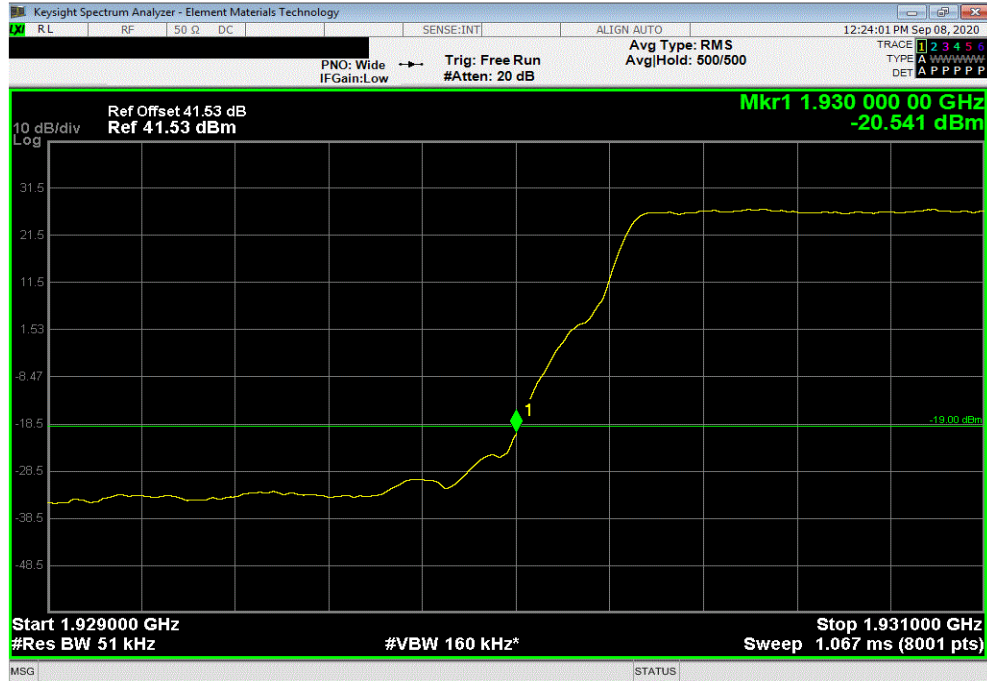
	Low Channel, 1937.5 MHz	2	-26.75	-19	Pass
	Low Channel, 1937.5 MHz	3	-26.319	-19	Pass
	High Channel, 1987.5 MHz	1	-21.332	-19	Pass
	High Channel, 1987.5 MHz	2	-25.36	-19	Pass
	High Channel, 1987.5 MHz	3	-25.975	-19	Pass
256-QAM Modulation					
	Low Channel, 1937.5 MHz	1	-22.38	-19	Pass
	Low Channel, 1937.5 MHz	2	-26.47	-19	Pass
	Low Channel, 1937.5 MHz	3	-26.44	-19	Pass
	High Channel, 1987.5 MHz	1	-24.7	-19	Pass
	High Channel, 1987.5 MHz	2	-25.9	-19	Pass
	High Channel, 1987.5 MHz	3	-26.31	-19	Pass
20 MHz Bandwidth					
QPSK Modulation					
	Low Channel, 1940 MHz	1	-22.4	-19	Pass
	Low Channel, 1940 MHz	2	-25.13	-19	Pass
	Low Channel, 1940 MHz	3	-24.77	-19	Pass
	High Channel, 1985 MHz	1	-21.44	-19	Pass
	High Channel, 1985 MHz	2	-25.48	-19	Pass
	High Channel, 1985 MHz	3	-26.03	-19	Pass
16-QAM Modulation					
	Low Channel, 1940 MHz	1	-22.46	-19	Pass
	Low Channel, 1940 MHz	2	-25.39	-19	Pass
	Low Channel, 1940 MHz	3	-25.51	-19	Pass
	High Channel, 1985 MHz	1	-21.08	-19	Pass
	High Channel, 1985 MHz	2	-25.59	-19	Pass
	High Channel, 1985 MHz	3	-26.29	-19	Pass
64-QAM Modulation					
	Low Channel, 1940 MHz	1	-21.56	-19	Pass
	Low Channel, 1940 MHz	2	-25.08	-19	Pass
	Low Channel, 1940 MHz	3	-24.67	-19	Pass
	High Channel, 1985 MHz	1	-21.18	-19	Pass
	High Channel, 1985 MHz	2	-25.57	-19	Pass
	High Channel, 1985 MHz	3	-26.18	-19	Pass
256-QAM Modulation					
	Low Channel, 1940 MHz	1	-20.72	-19	Pass
	Low Channel, 1940 MHz	2	-24.93	-19	Pass
	Low Channel, 1940 MHz	3	-24.83	-19	Pass
	High Channel, 1985 MHz	1	-19.71	-19	Pass
	High Channel, 1985 MHz	2	-25.54	-19	Pass
	High Channel, 1985 MHz	3	-26.2	-19	Pass

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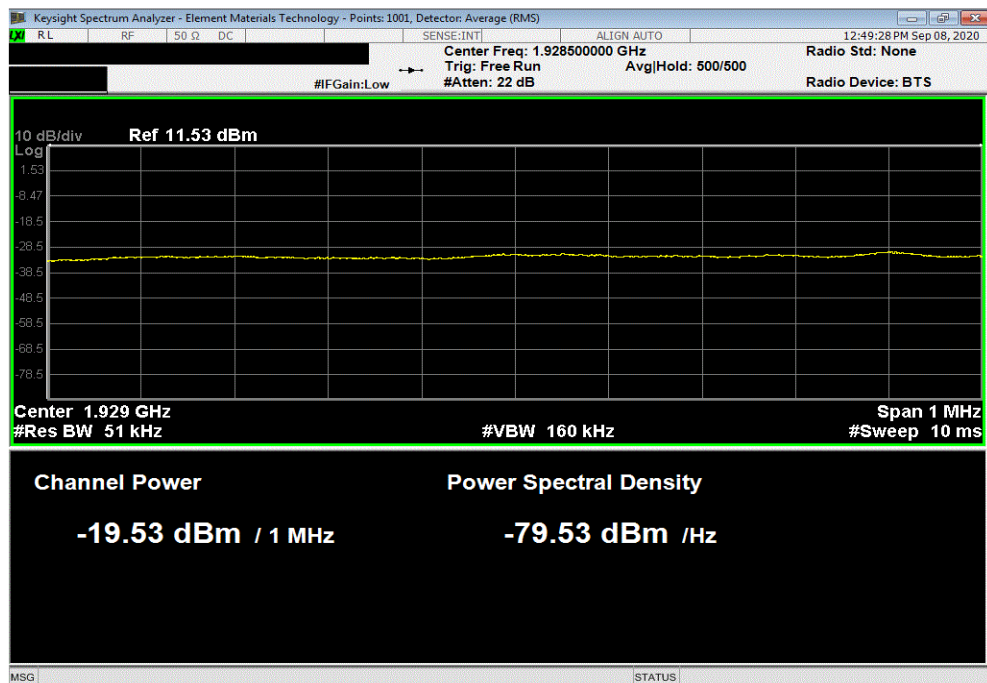


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, QPSK Modulation, Low Channel, 1932.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	1			-20.54	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, QPSK Modulation, Low Channel, 1932.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-19.53	-19	Pass

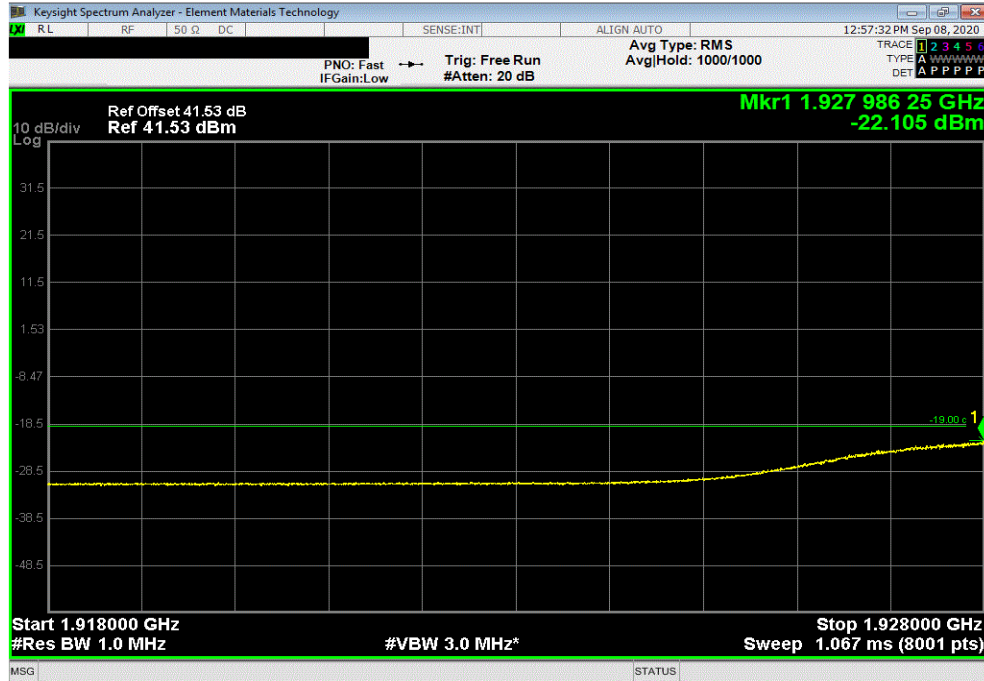


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TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, QPSK Modulation , Low Channel, 1932.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
			3	-22.11	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, QPSK Modulation , High Channel, 1992.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
			1	-20.55	-19	Pass

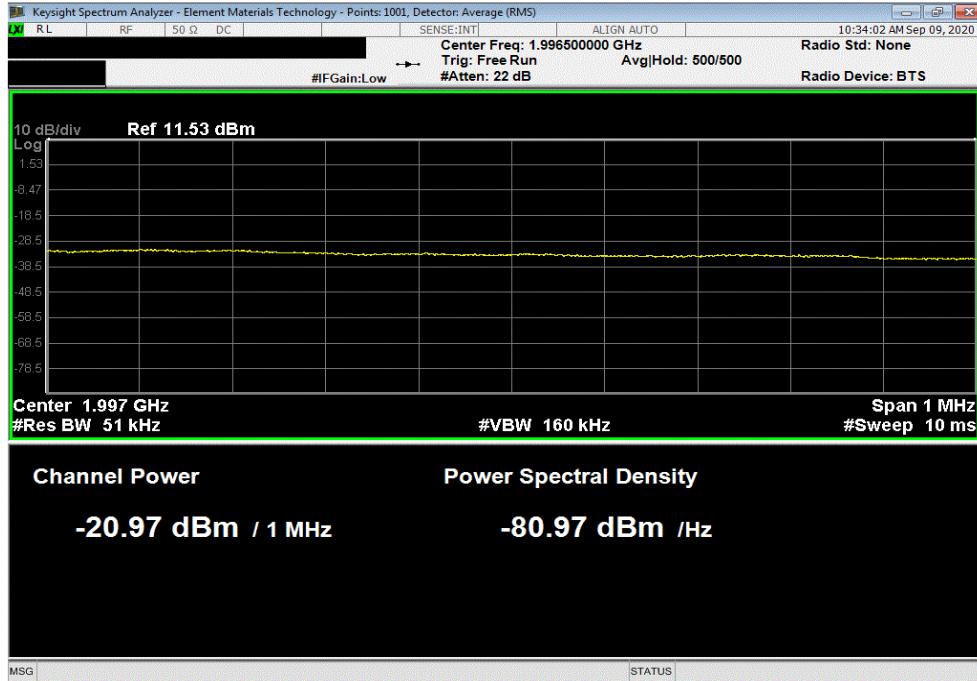


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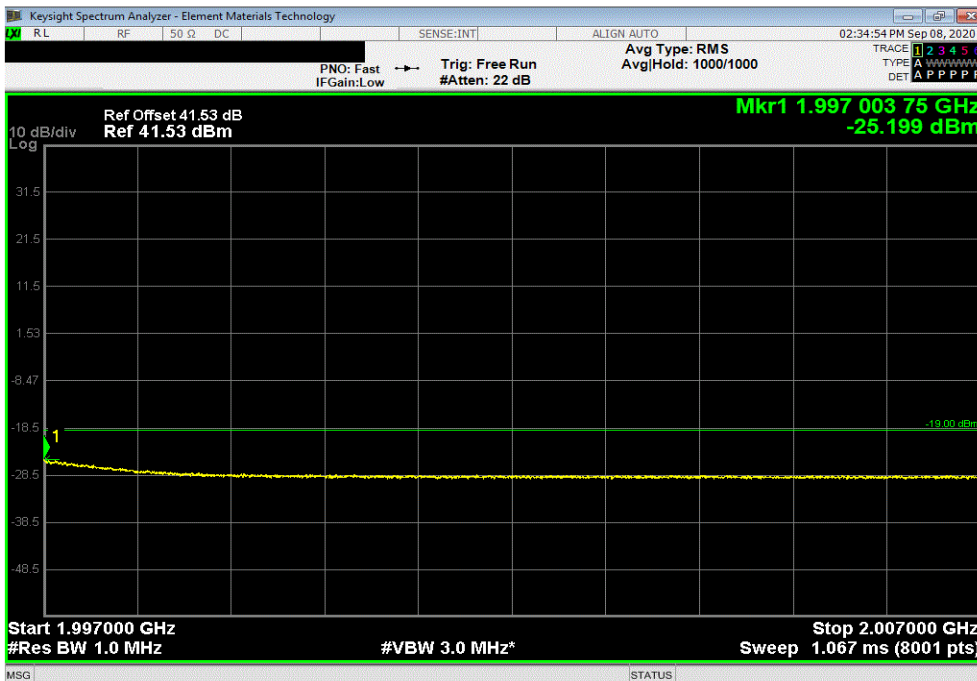


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, QPSK Modulation , High Channel, 1992.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-20.97	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, QPSK Modulation , High Channel, 1992.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	3			-25.2	-19	Pass

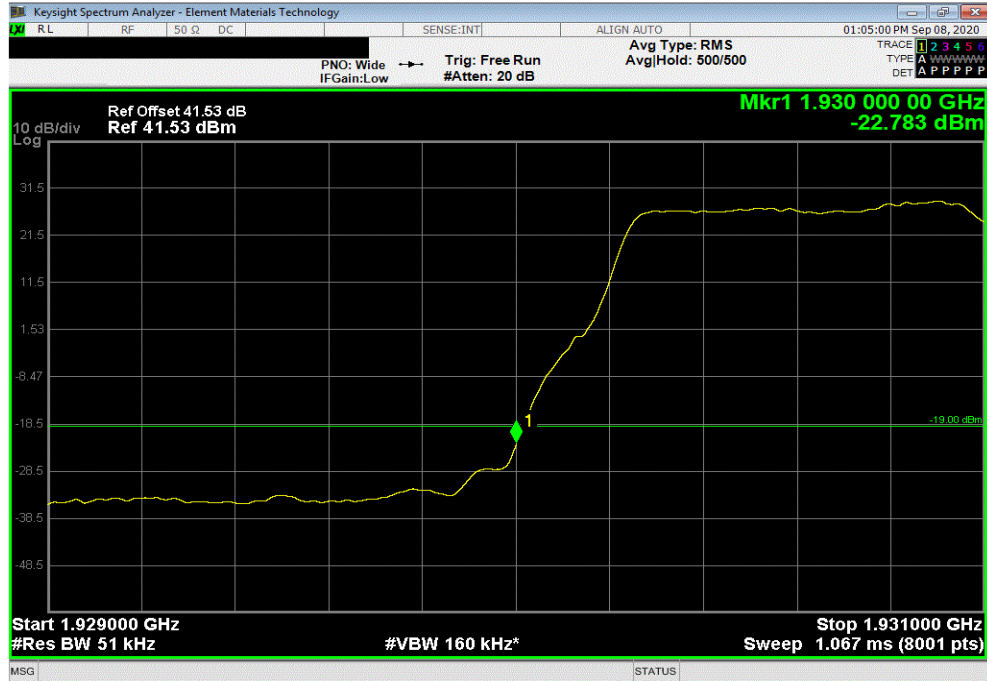


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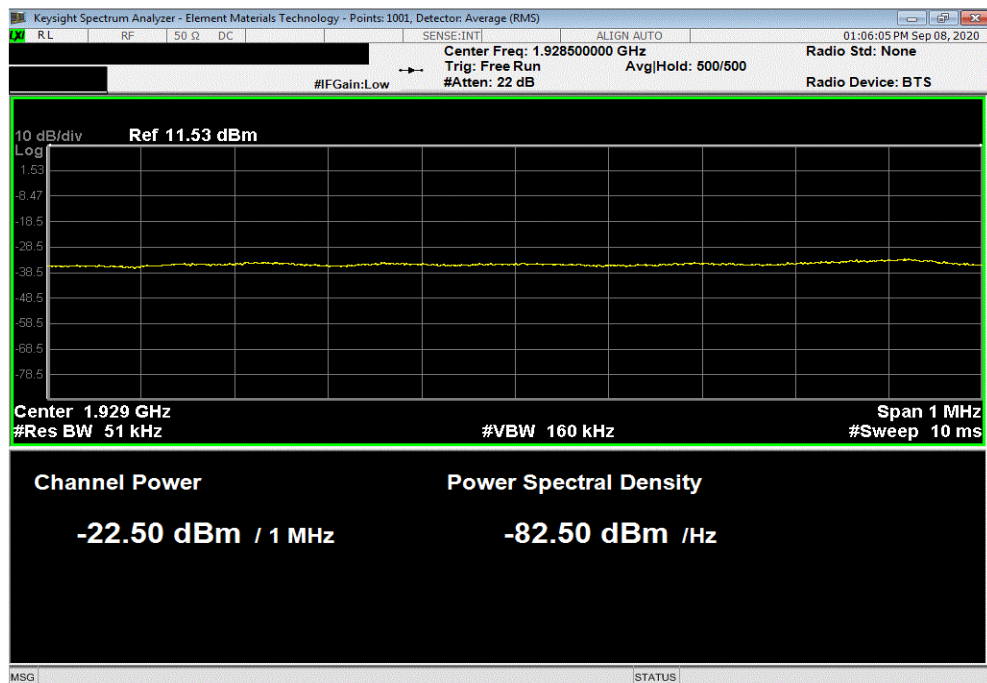


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1932.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	1			-22.78	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1932.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-22.50	-19	Pass



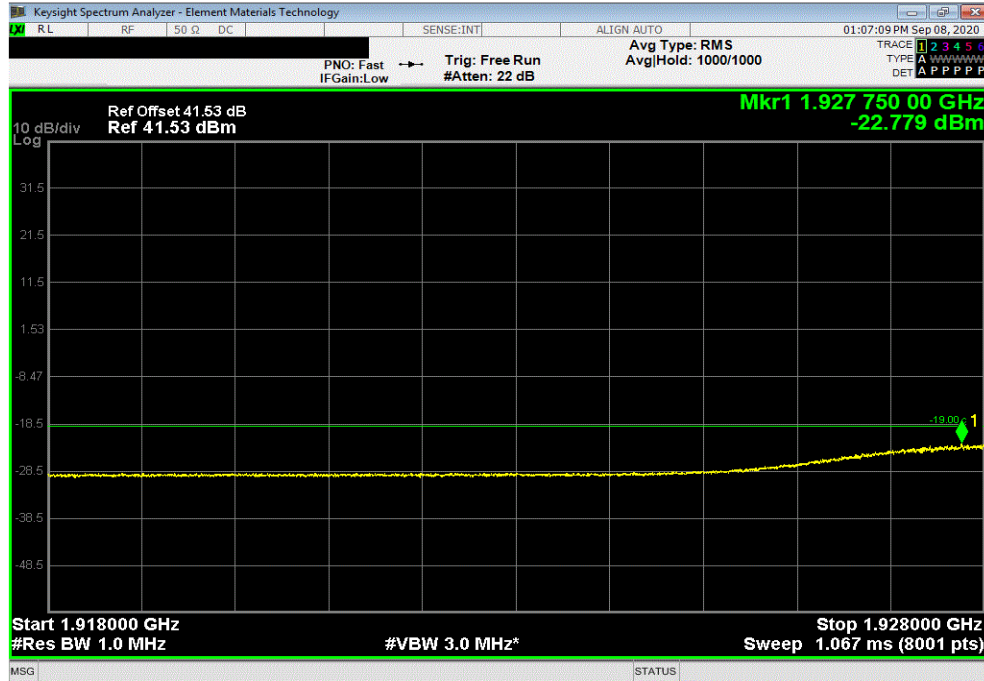


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TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1932.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
			3	-22.78	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, High Channel, 1992.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
			1	-20.32	-19	Pass



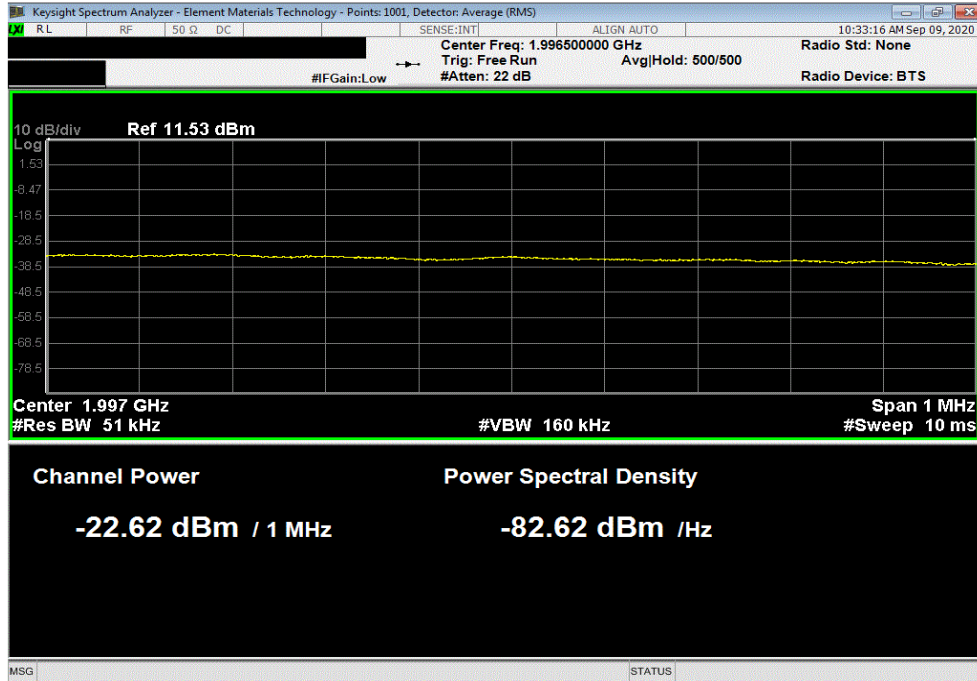


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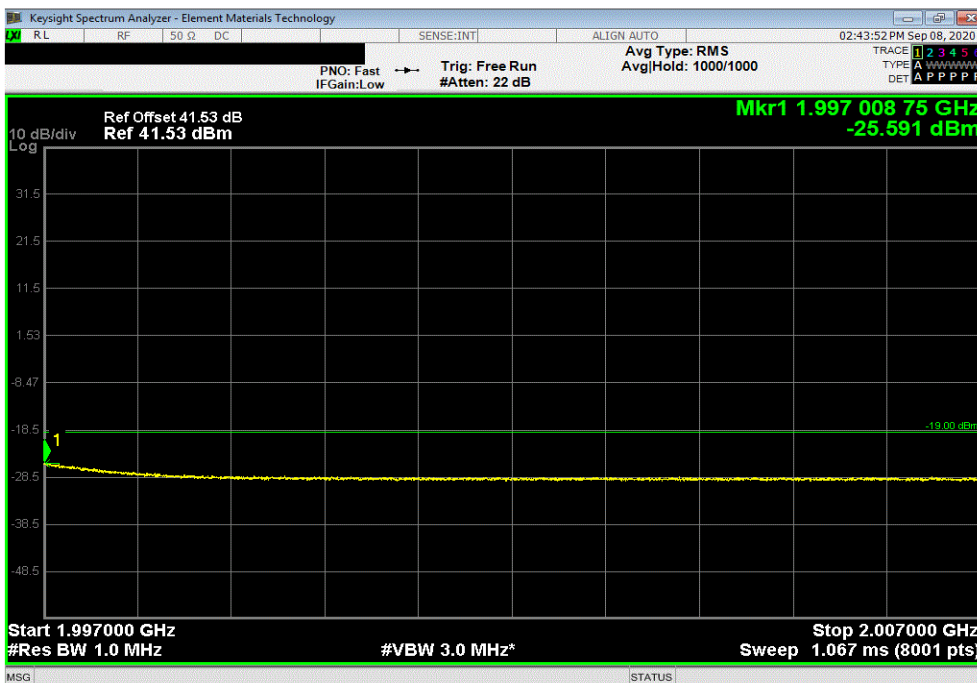


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, High Channel, 1992.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
		2		-22.62	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, High Channel, 1992.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
		3		-25.59	-19	Pass

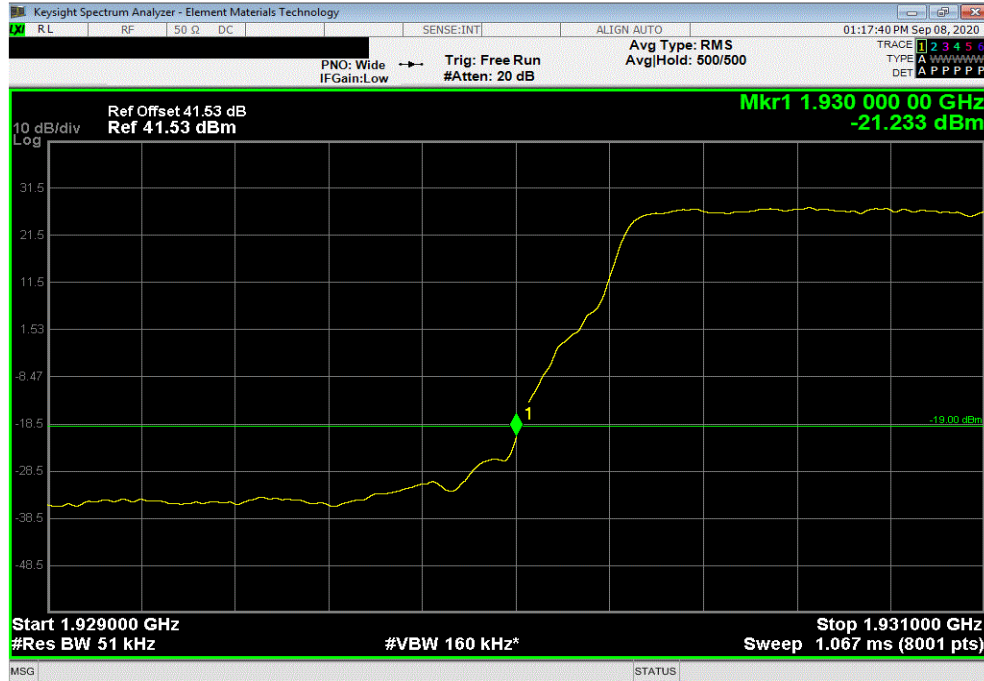


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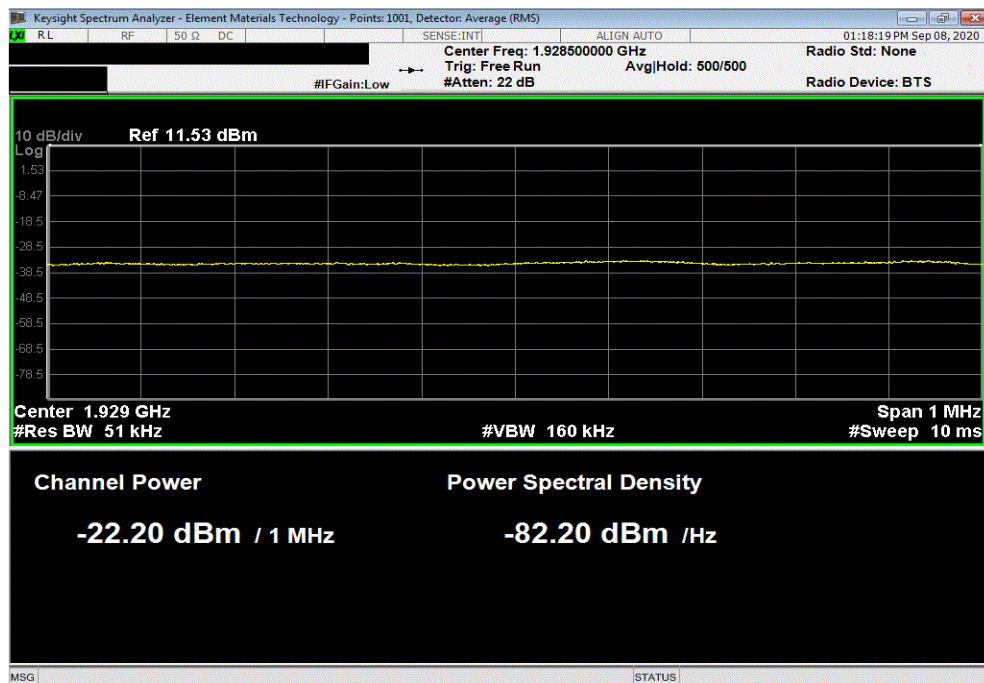


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1932.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
1				-21.23	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1932.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
2				-22.20	-19	Pass

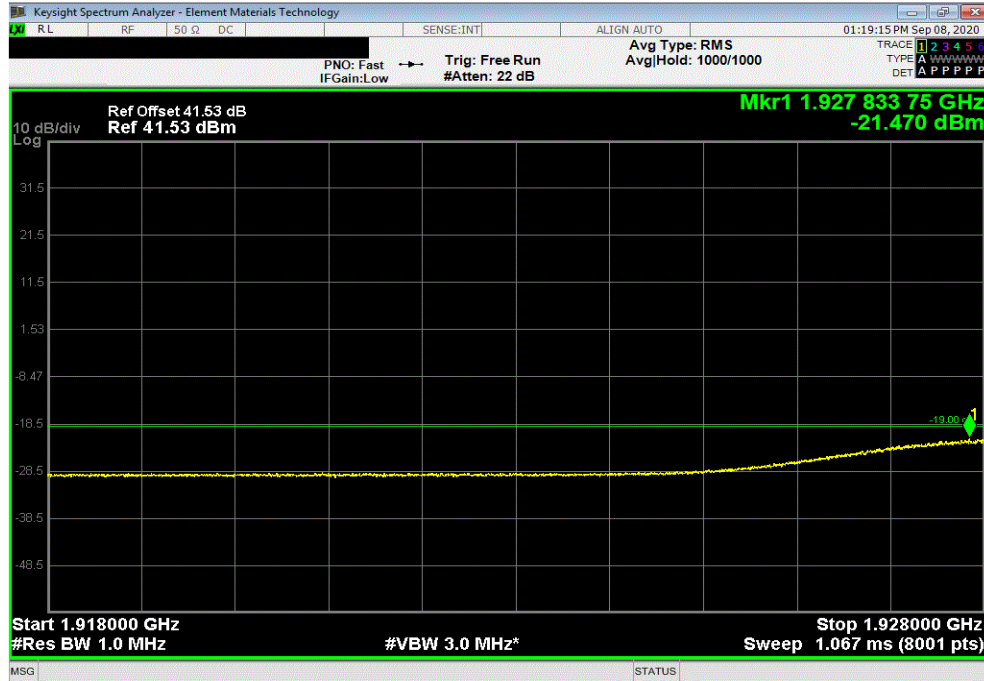


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TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1932.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
3				-21.47	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, High Channel, 1992.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
1				-21.44	-19	Pass

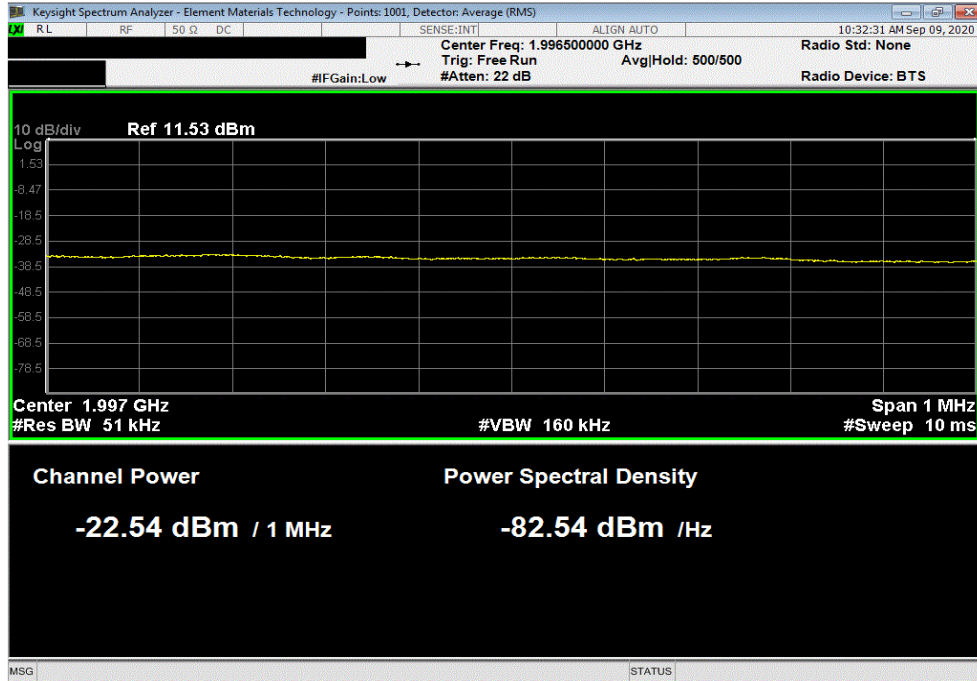


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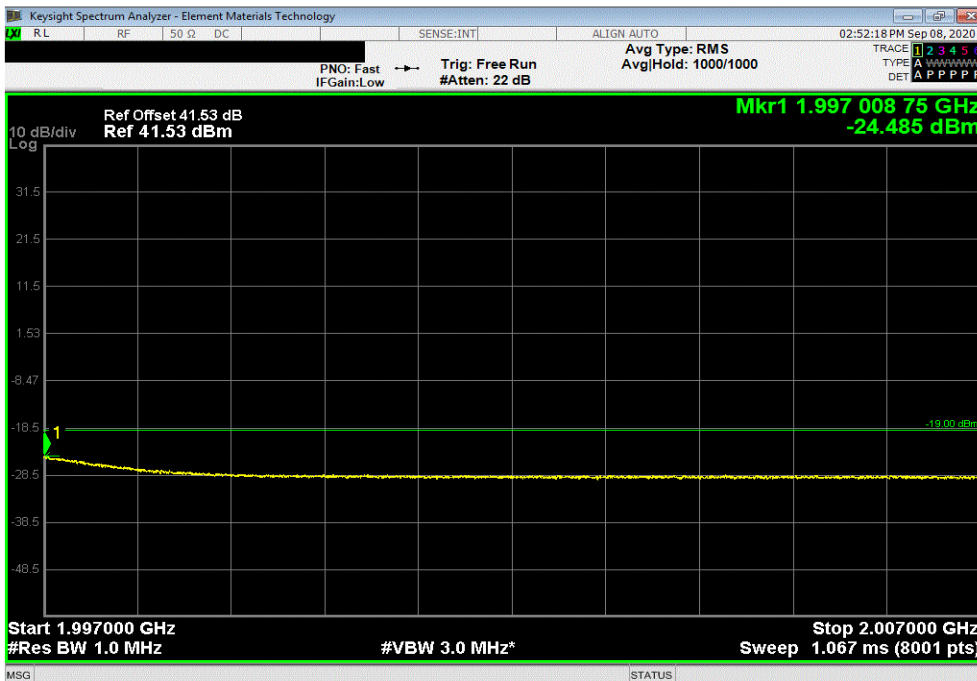


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, High Channel, 1992.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
		2		-22.54	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, High Channel, 1992.5 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
		3		-24.49	-19	Pass

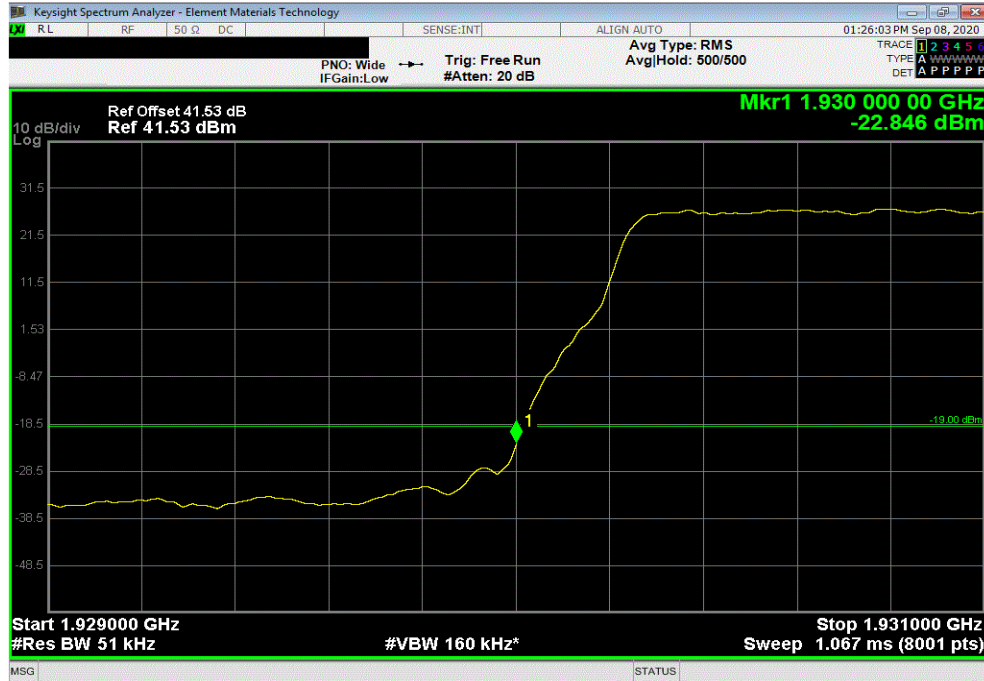


# BAND EDGE COMPLIANCE

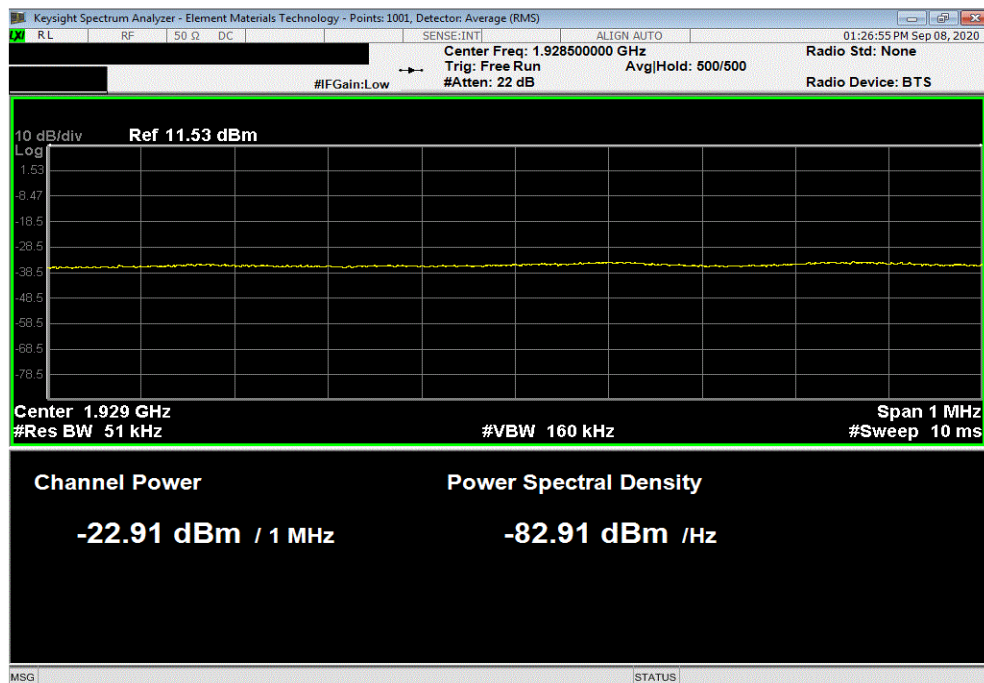


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1932.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	1			-22.85	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1932.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-22.91	-19	Pass





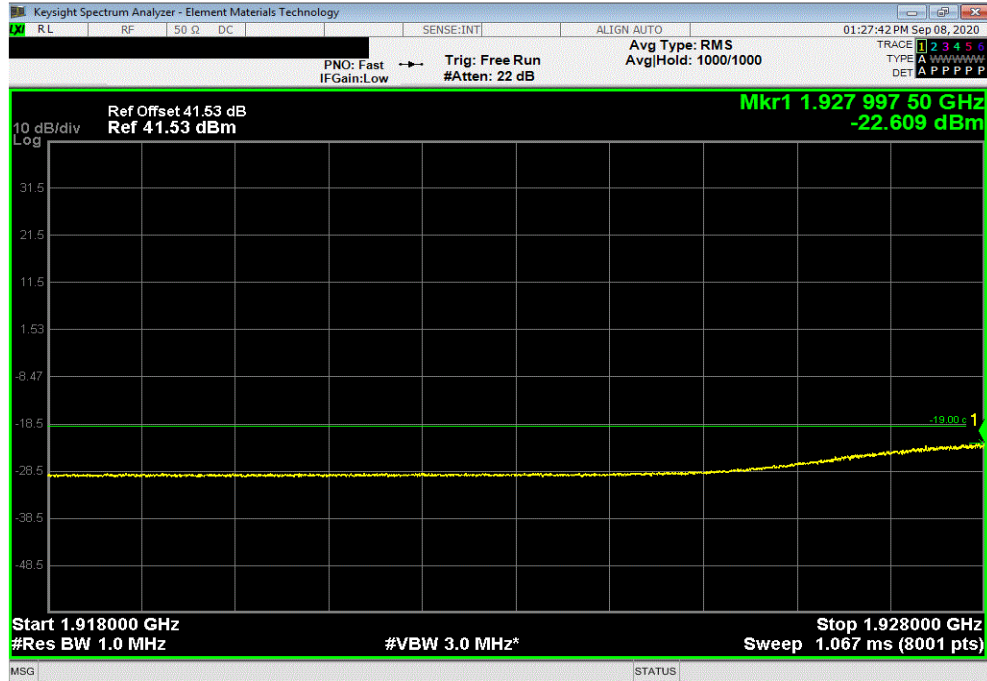
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TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1932.5 MHz

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1932.5 MHz							
Frequency Range				Value (dBm)	Limit (dBm)	Result	
		3		-22.61	-19	Pass	



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, High Channel, 1992.5 MHz

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, High Channel, 1992.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
		1		-19.72	-19	Pass

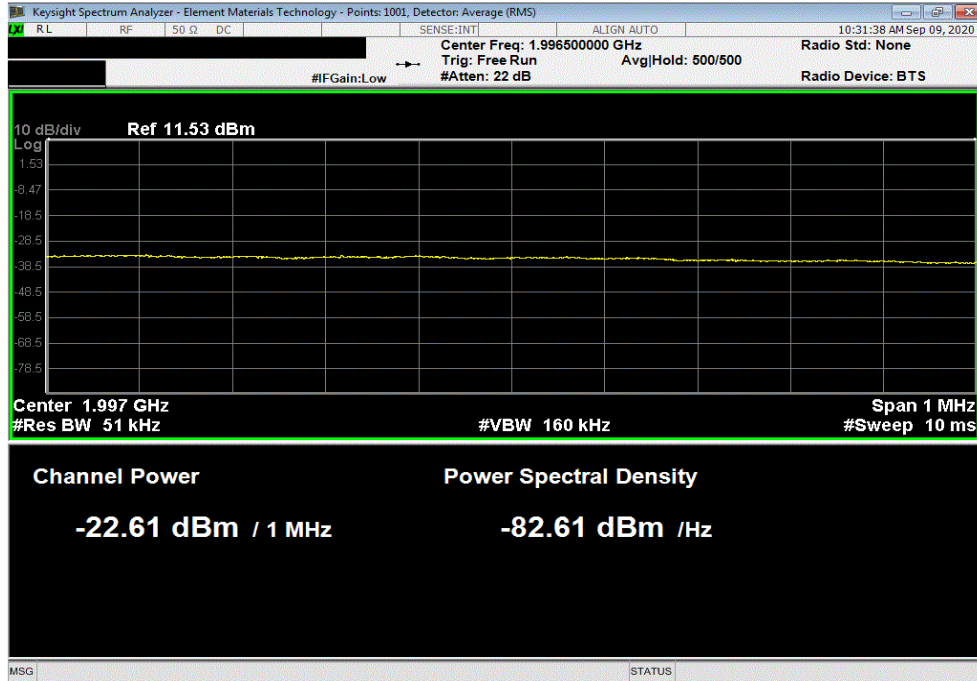


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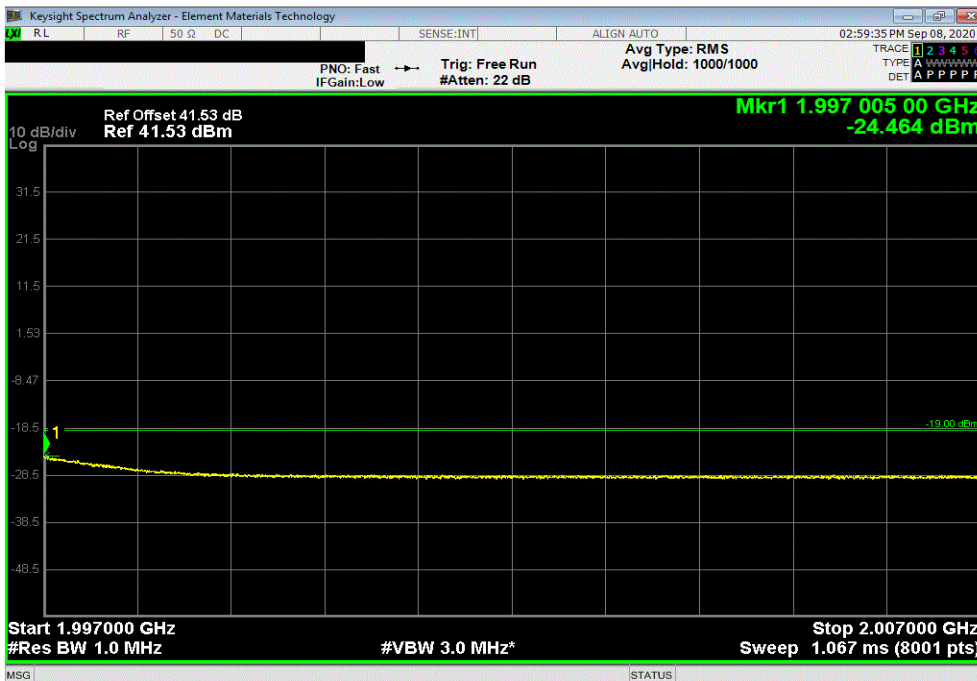


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Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, High Channel, 1992.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-22.61	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, High Channel, 1992.5 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	3			-24.46	-19	Pass



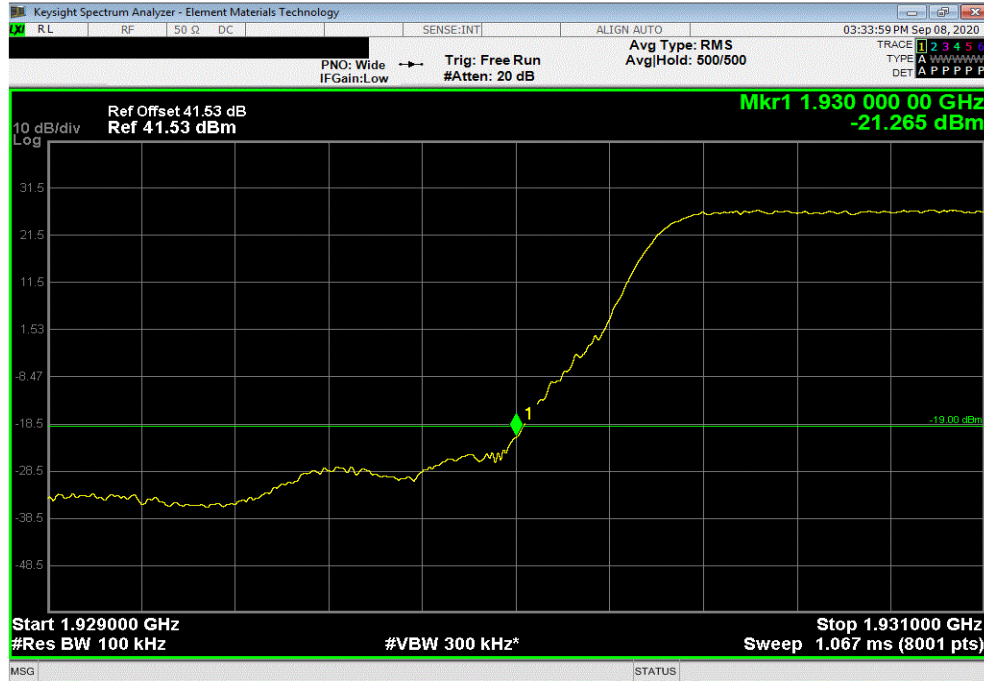


# BAND EDGE COMPLIANCE

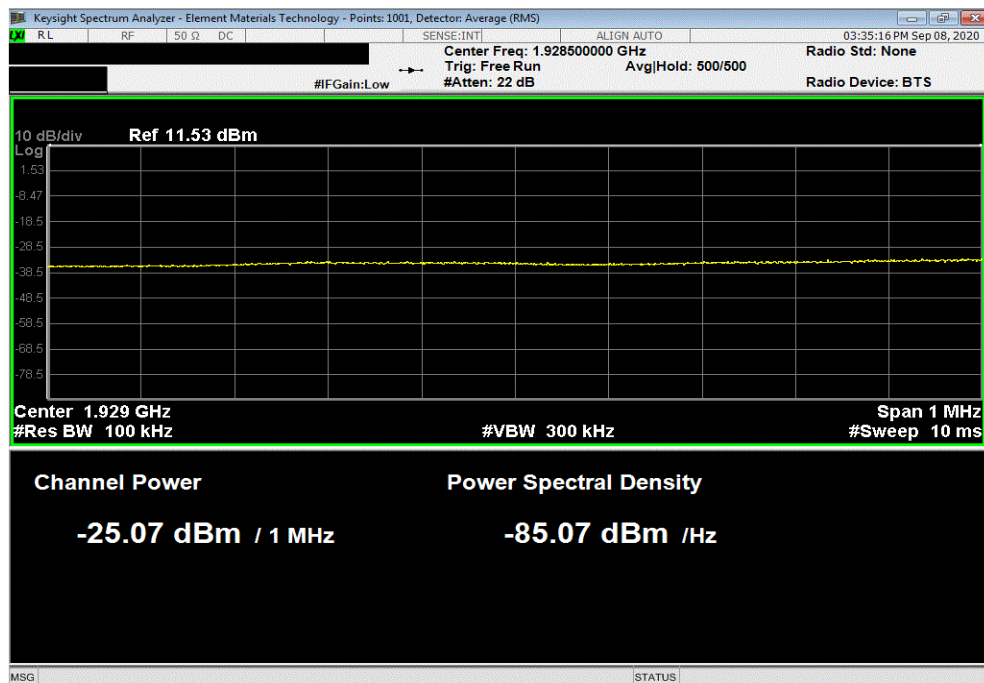


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, QPSK Modulation , Low Channel, 1935.0 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
1				-21.27	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, QPSK Modulation , Low Channel, 1935.0 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
2				-25.07	-19	Pass

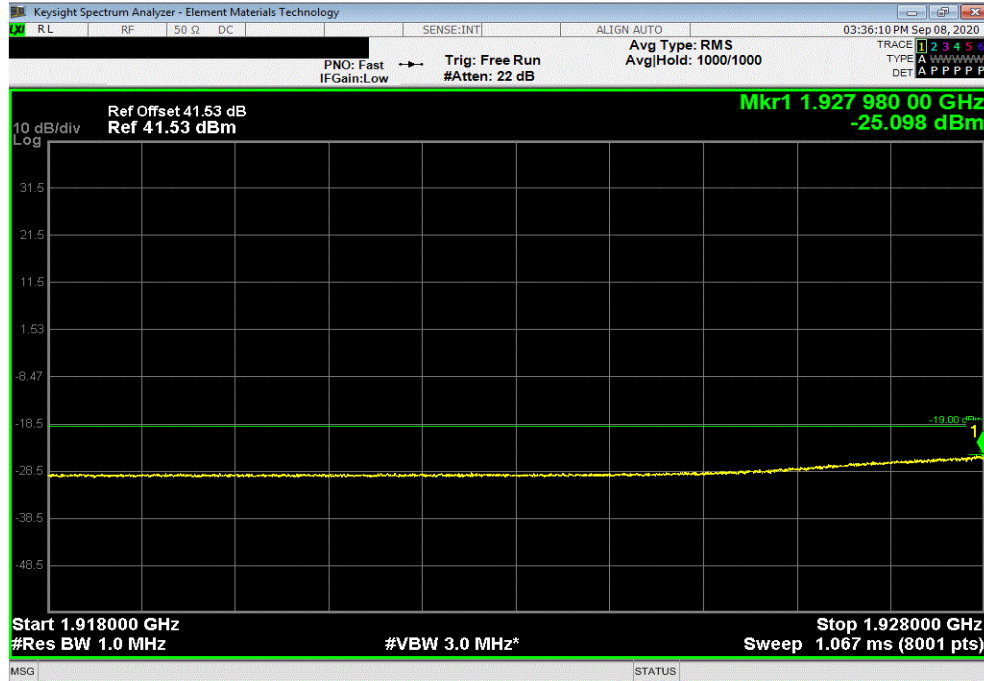


# BAND EDGE COMPLIANCE



TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, QPSK Modulation , Low Channel, 1935.0 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-25.1		-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, QPSK Modulation , High Channel, 1990 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
1			-22.88		-19	Pass

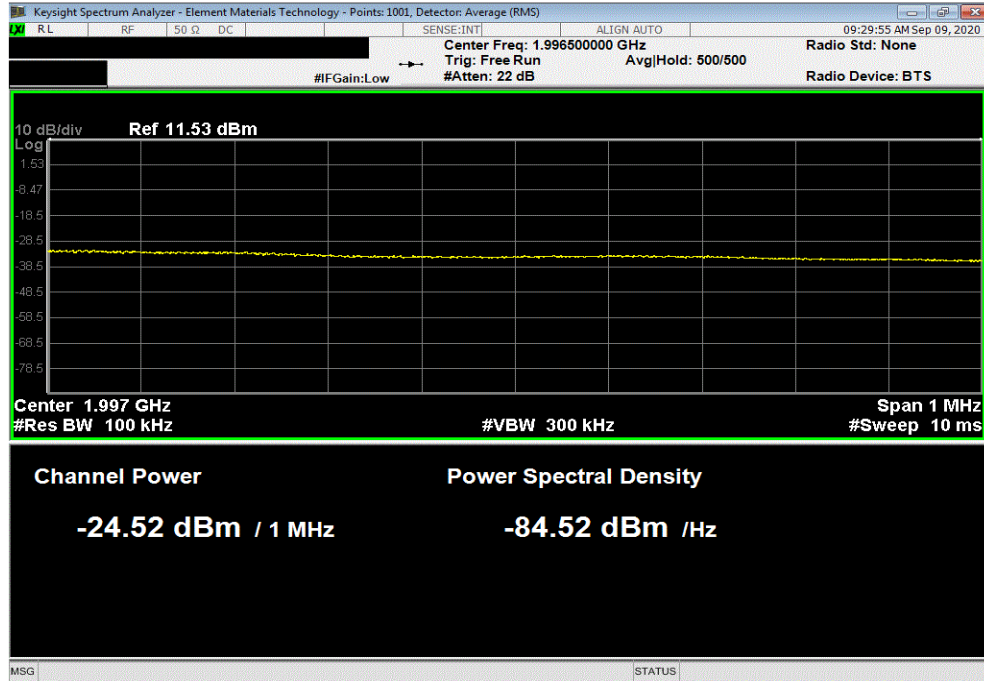


# BAND EDGE COMPLIANCE

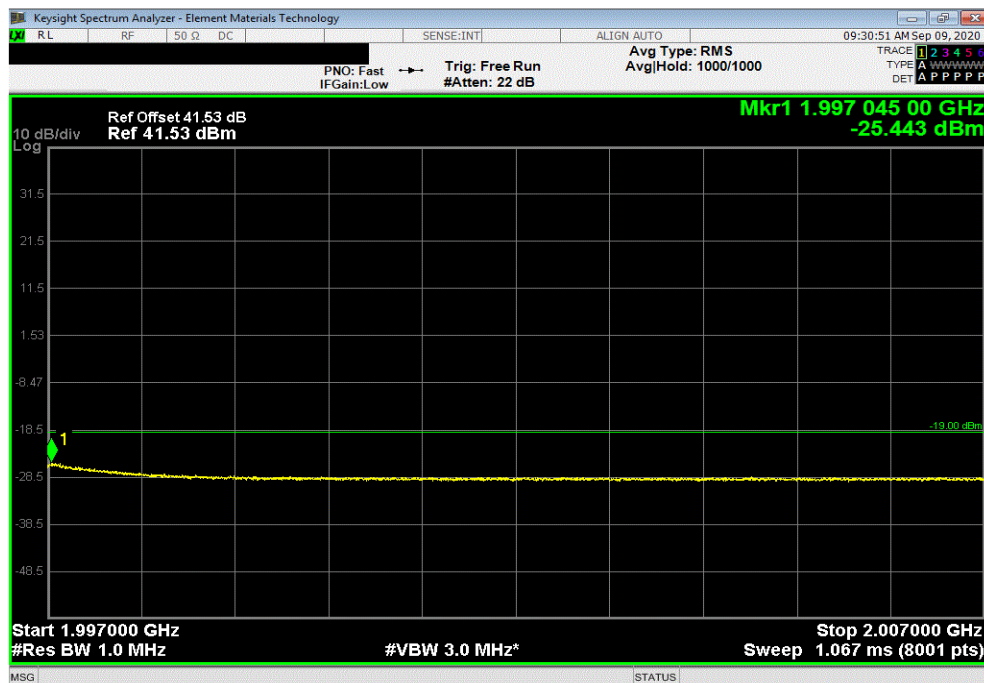


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, QPSK Modulation, High Channel, 1990 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-24.52	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, QPSK Modulation, High Channel, 1990 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	3			-25.44	-19	Pass

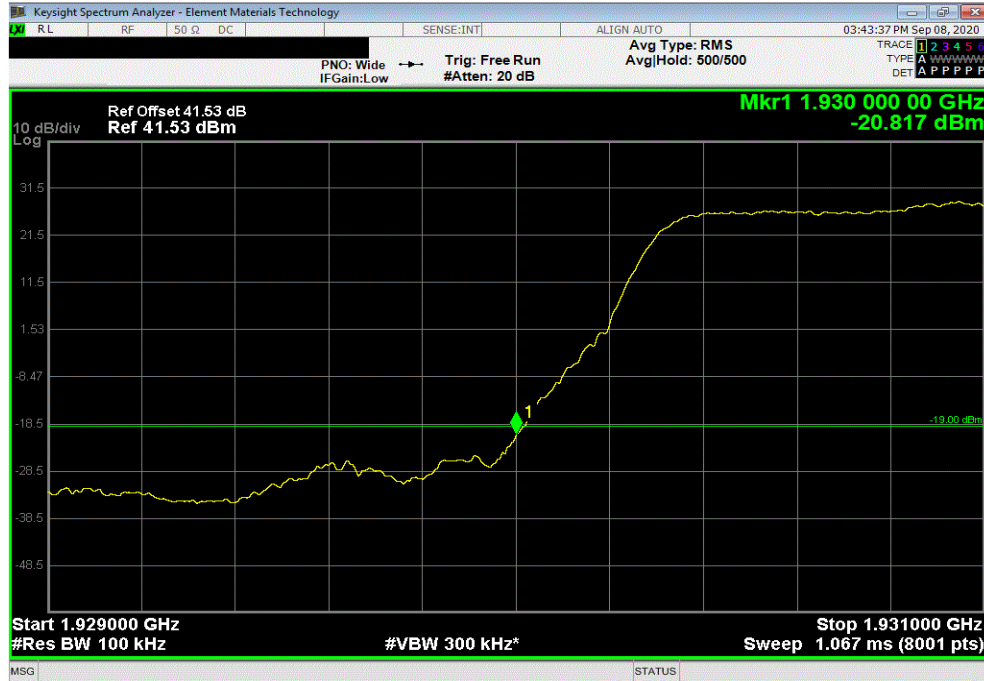


# BAND EDGE COMPLIANCE

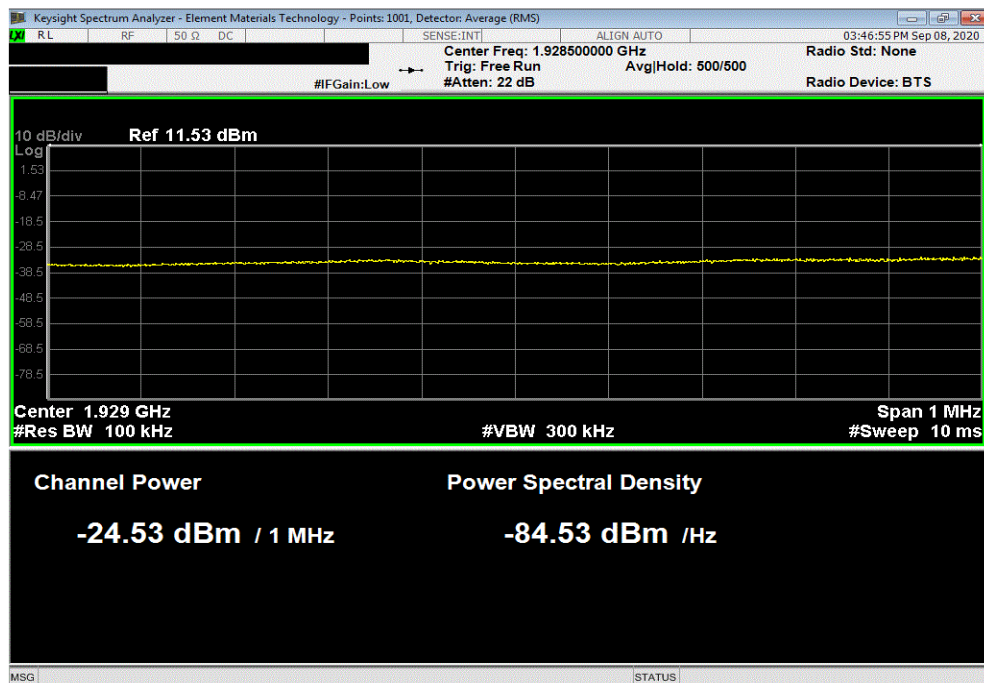


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	1			-20.82	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-24.53	-19	Pass



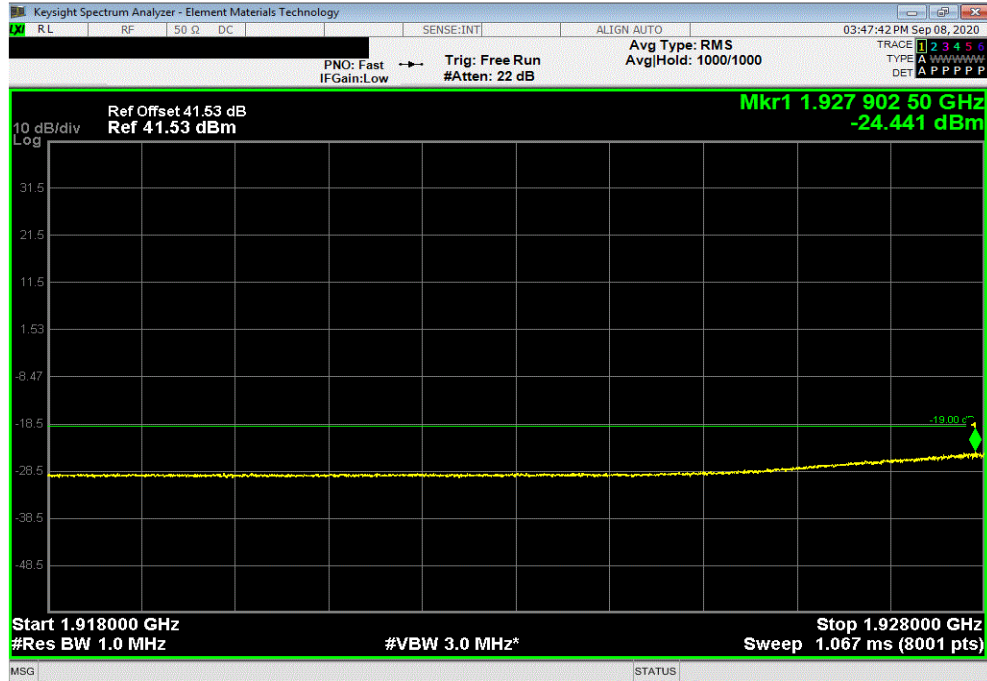
# BAND EDGE COMPLIANCE



TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1935.0 MHz

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
		3		-24.44	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, High Channel, 1990 MHz

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, High Channel, 1990 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	1			-22.08	-19	Pass



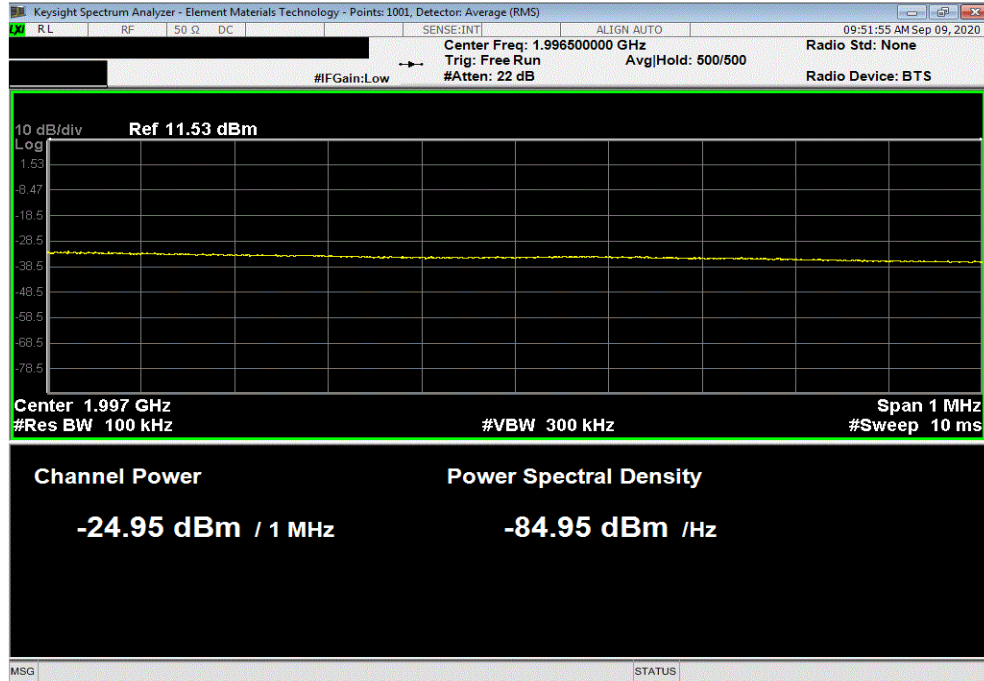


# BAND EDGE COMPLIANCE

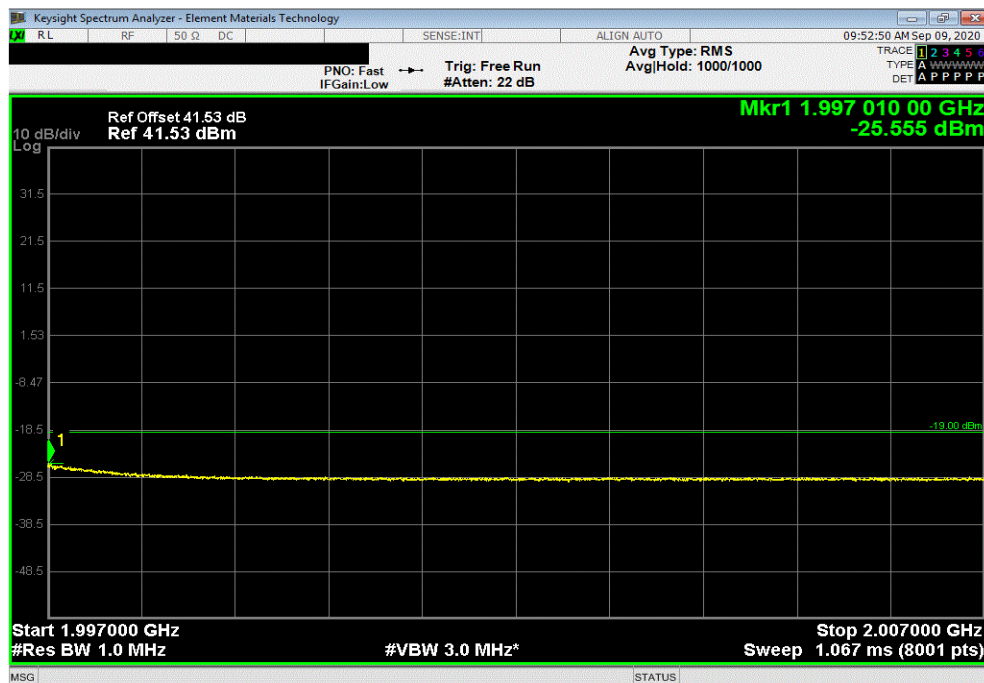


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, High Channel, 1990 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-24.95	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, High Channel, 1990 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	3			-25.56	-19	Pass

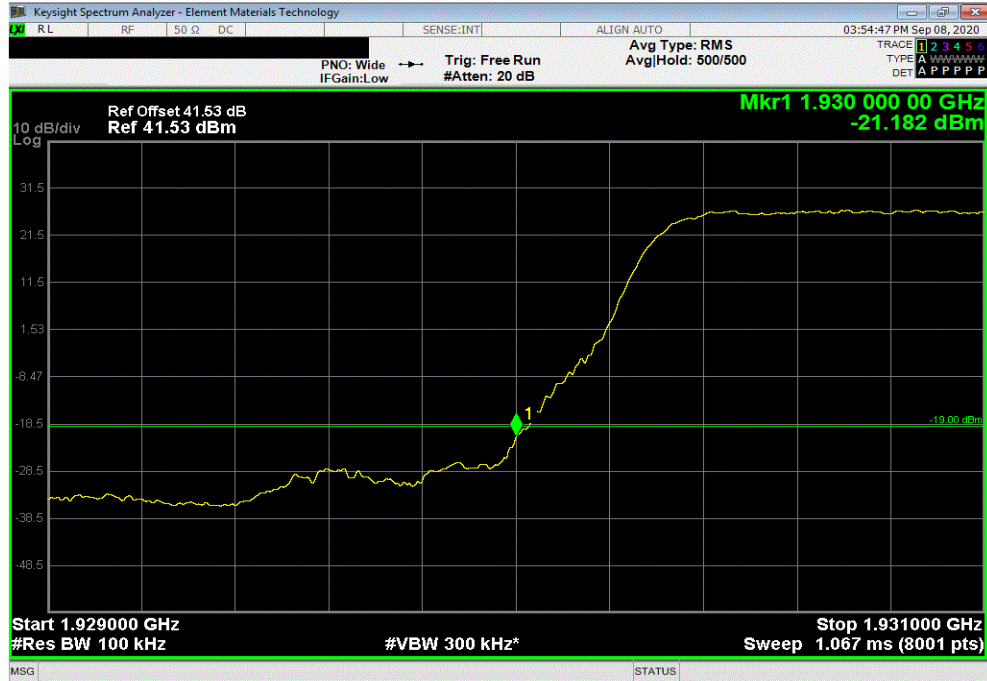


# BAND EDGE COMPLIANCE

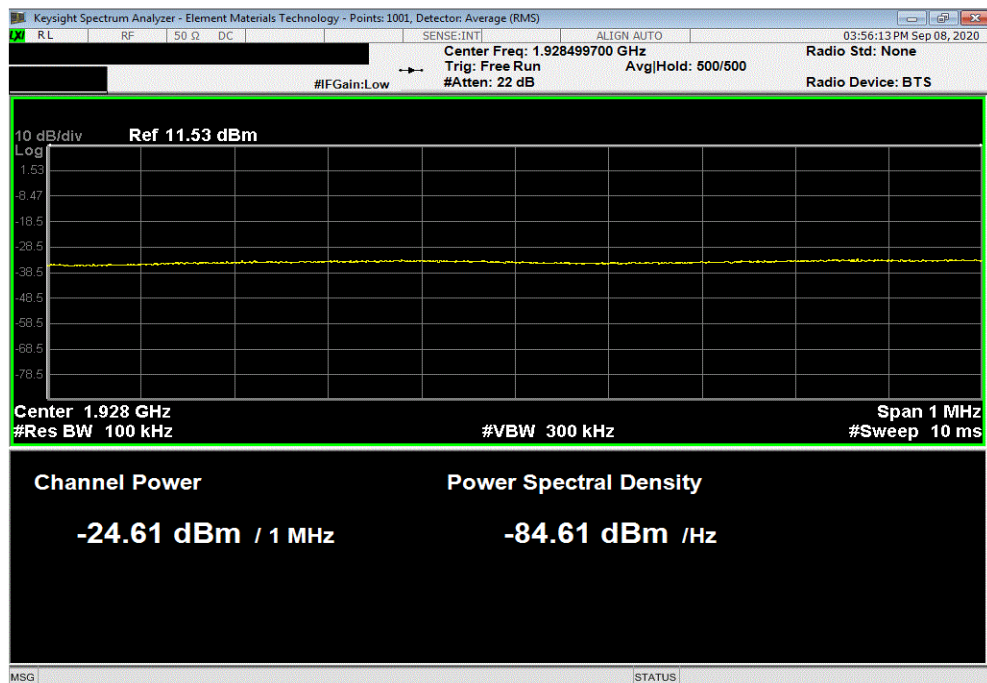


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	1			-21.18	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-24.61	-19	Pass





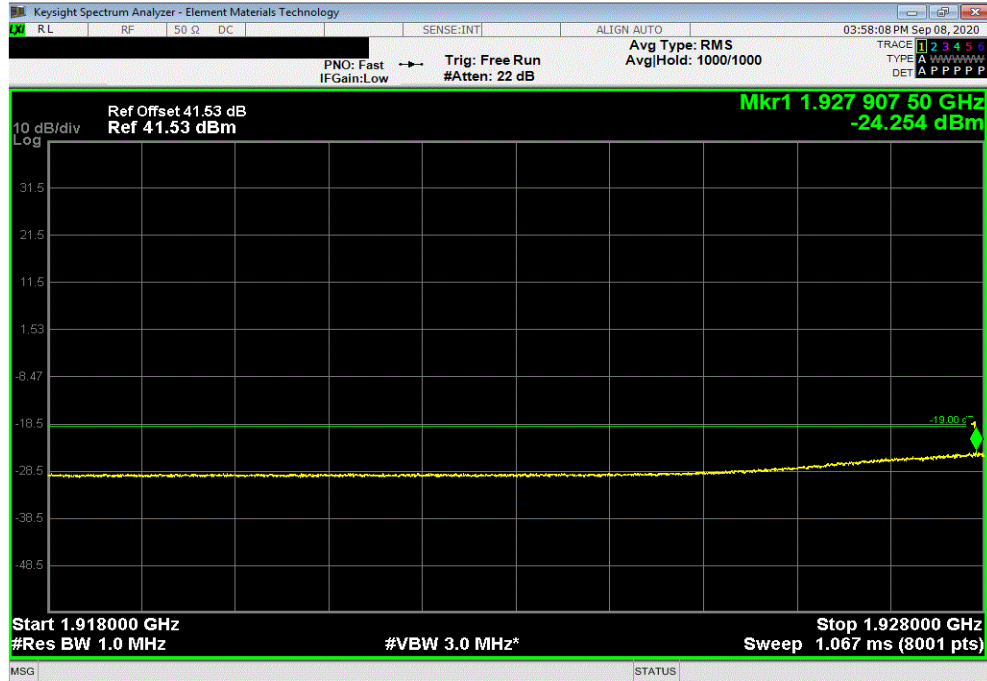
# BAND EDGE COMPLIANCE



TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1935.0 MHz

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
		3		-24.25	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, High Channel, 1990 MHz

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, High Channel, 1990 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	1			-20.52	-19	Pass

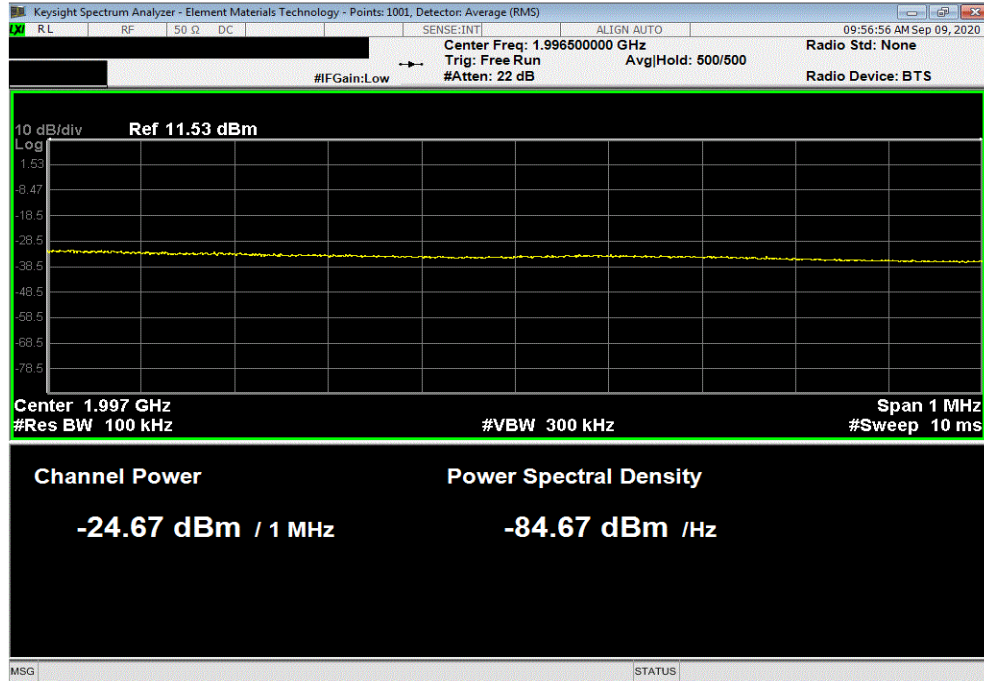


# BAND EDGE COMPLIANCE

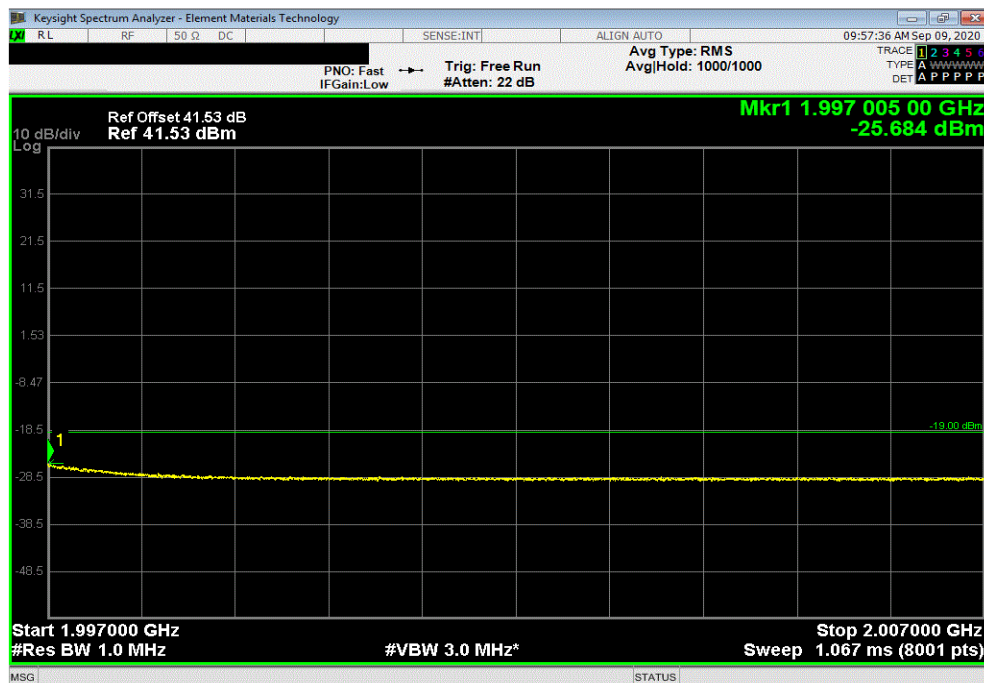


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, High Channel, 1990 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	2			-24.67	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, High Channel, 1990 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
	3			-25.68	-19	Pass

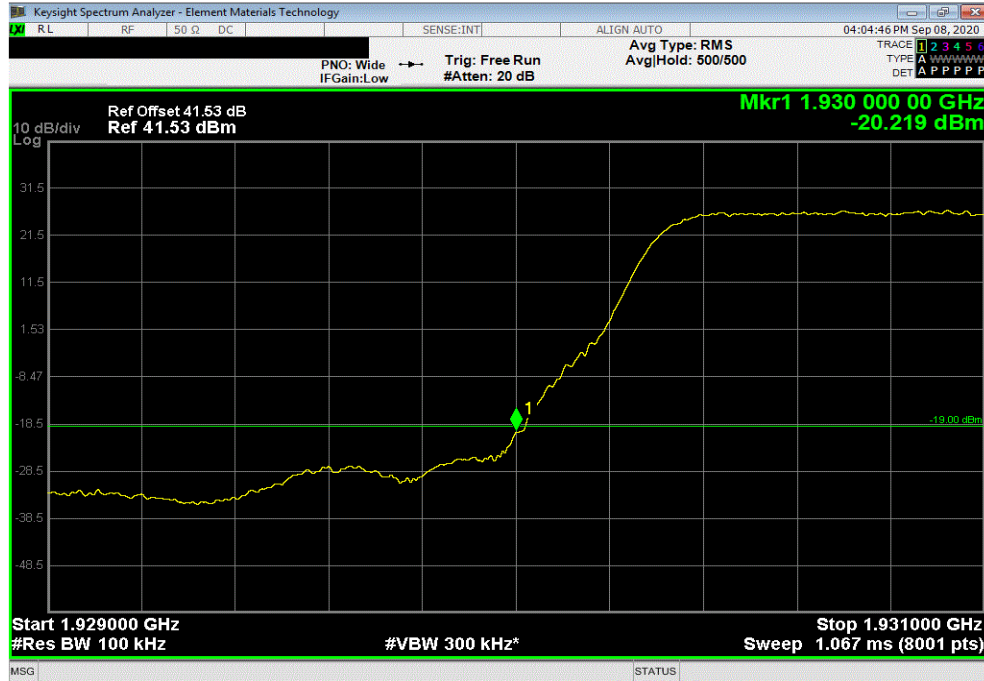


# BAND EDGE COMPLIANCE

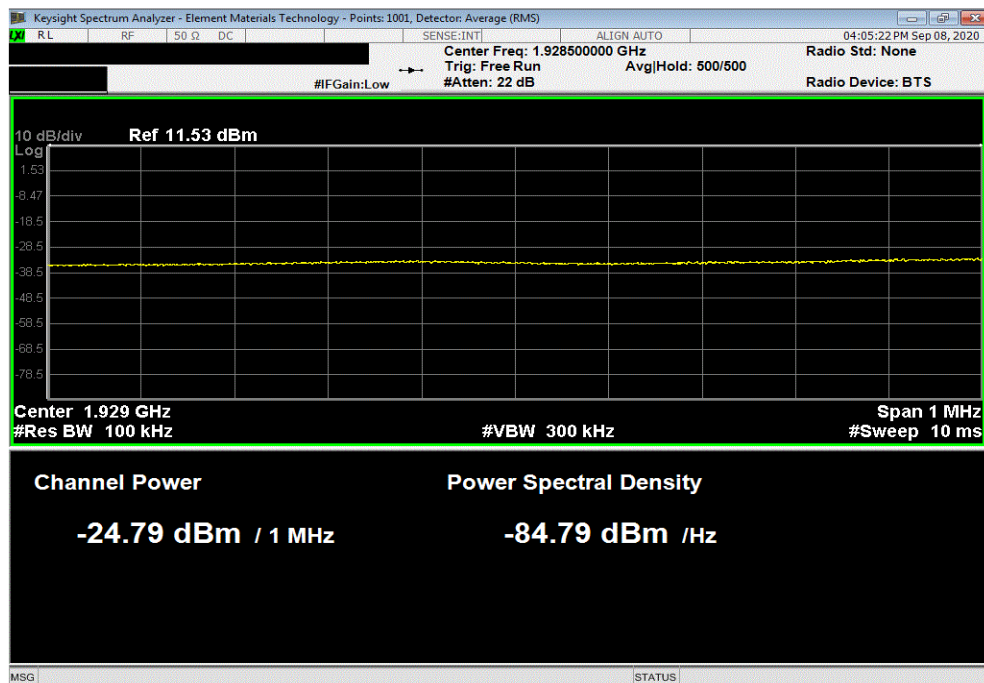


TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
1				-20.22	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency Range				Value (dBm)	Limit (dBm)	Result
2				-24.79	-19	Pass

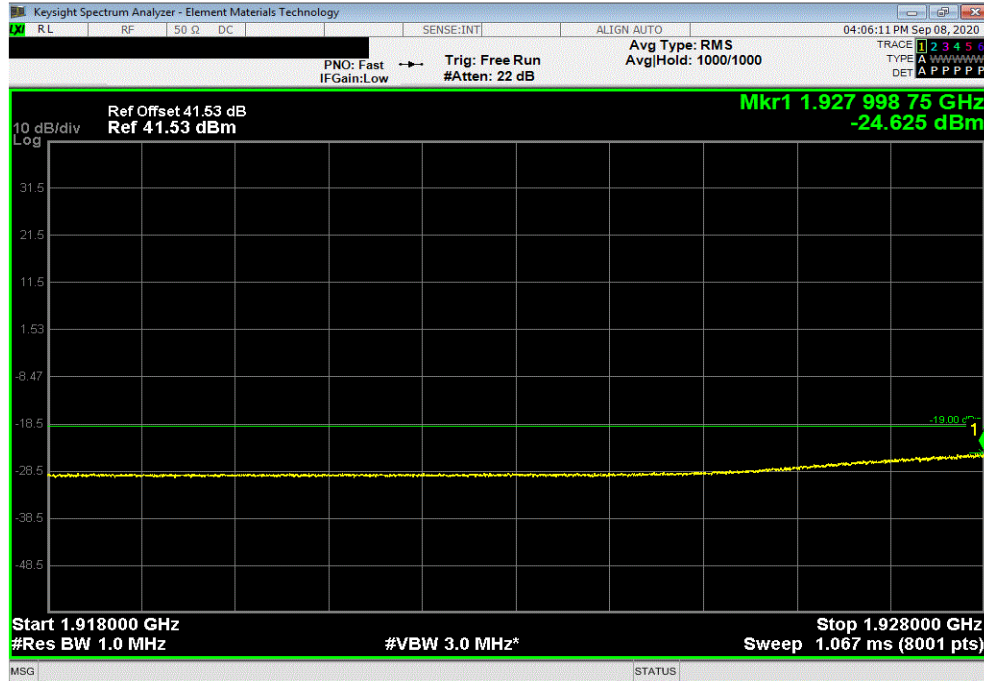


# BAND EDGE COMPLIANCE



TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1935.0 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
			3	-24.63	-19	Pass



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, High Channel, 1990 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
			1	-20.39	-19	Pass

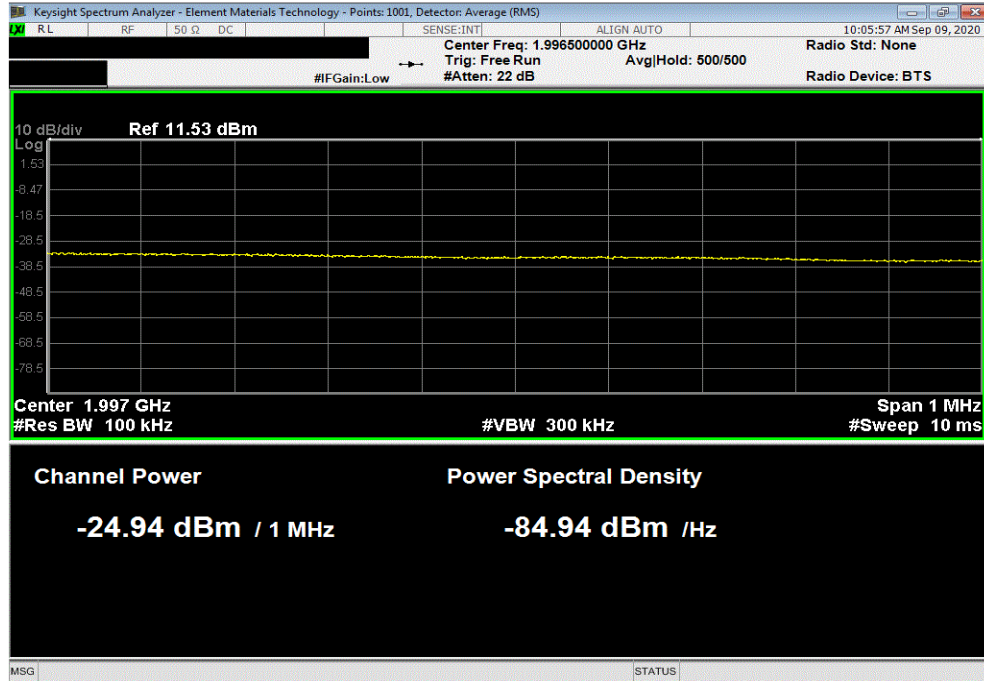


# BAND EDGE COMPLIANCE



TbTx 2020.09.08.0 BETA XMt 2020.03.25.0

Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, High Channel, 1990 MHz						
Frequency Range		Value (dBm)		Limit (dBm)	Result	
2		-24.94		-19	Pass	



Band 25, 1930 MHz - 1995 MHz, 5G, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, High Channel, 1990 MHz						
Frequency Range		Value (dBm)		Limit (dBm)	Result	
3		-25.56		-19	Pass	

