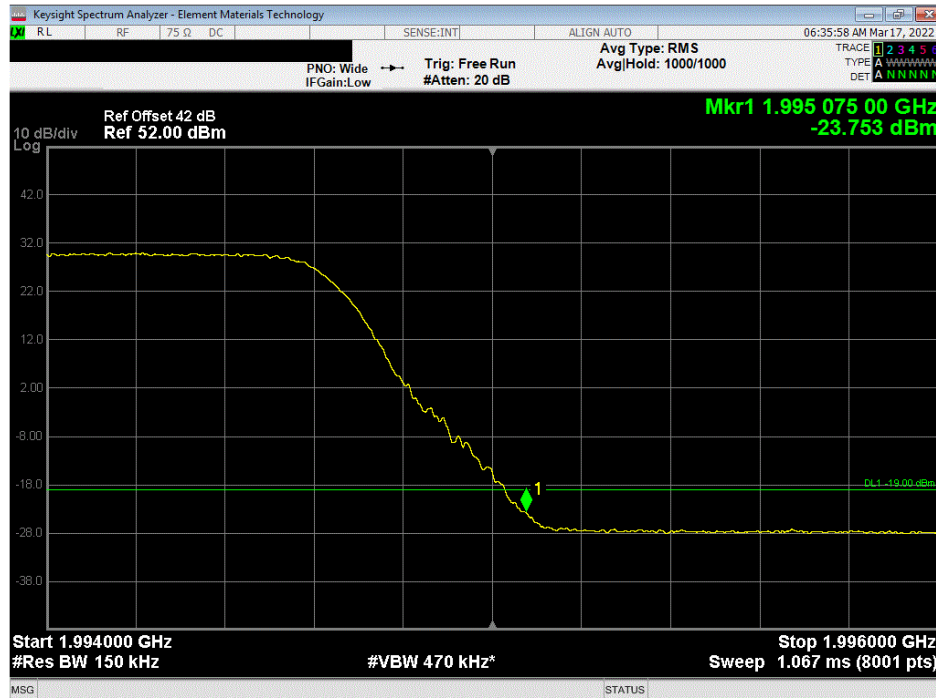


BAND EDGE COMPLIANCE

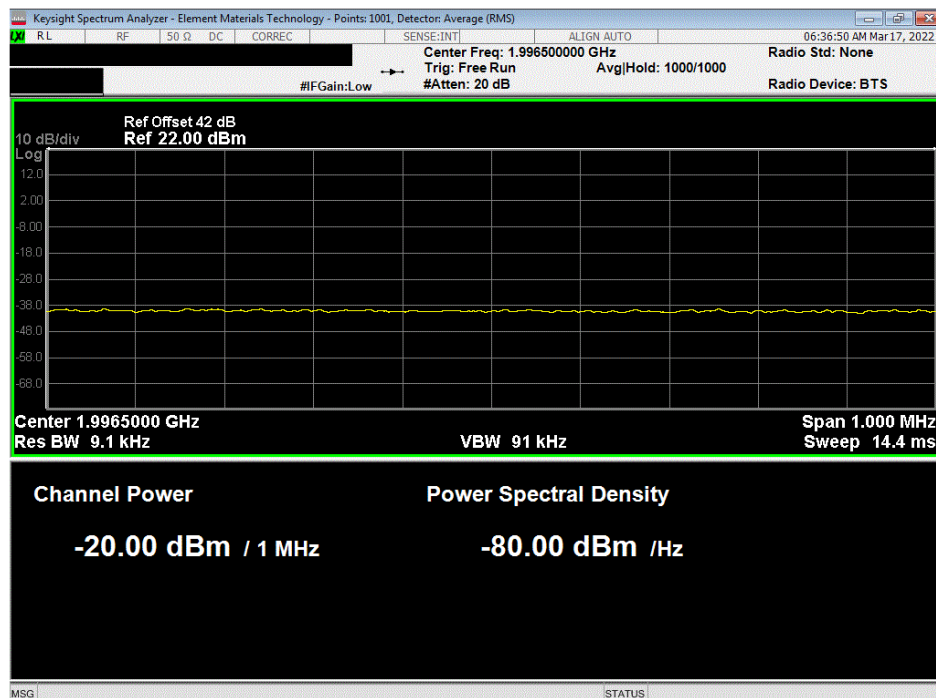


TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, High Channel, 1987.5 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-23.75	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, High Channel, 1987.5 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-20.00	-19	Pass			

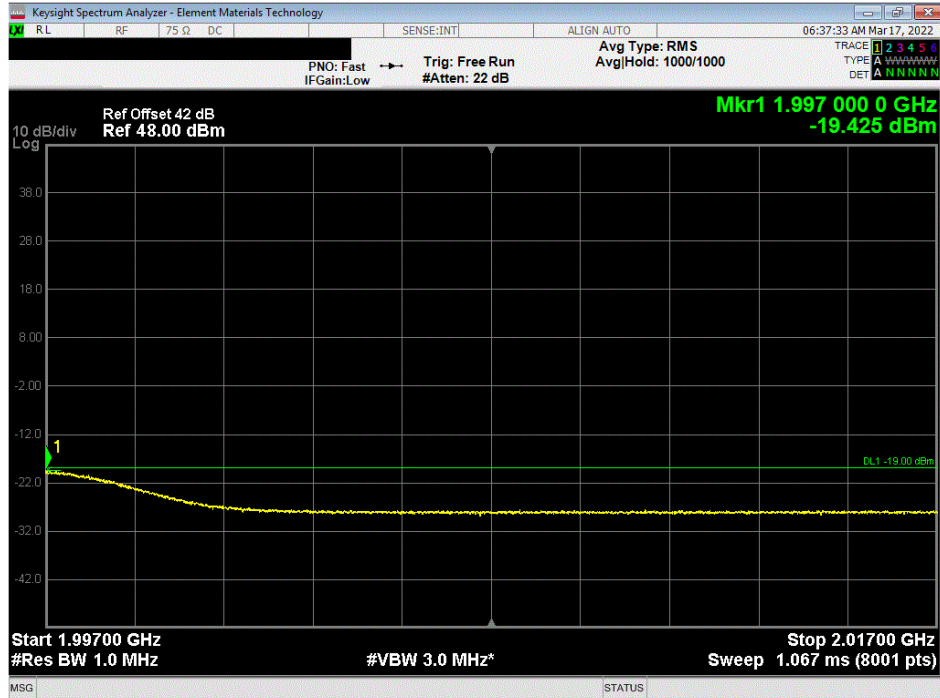


BAND EDGE COMPLIANCE

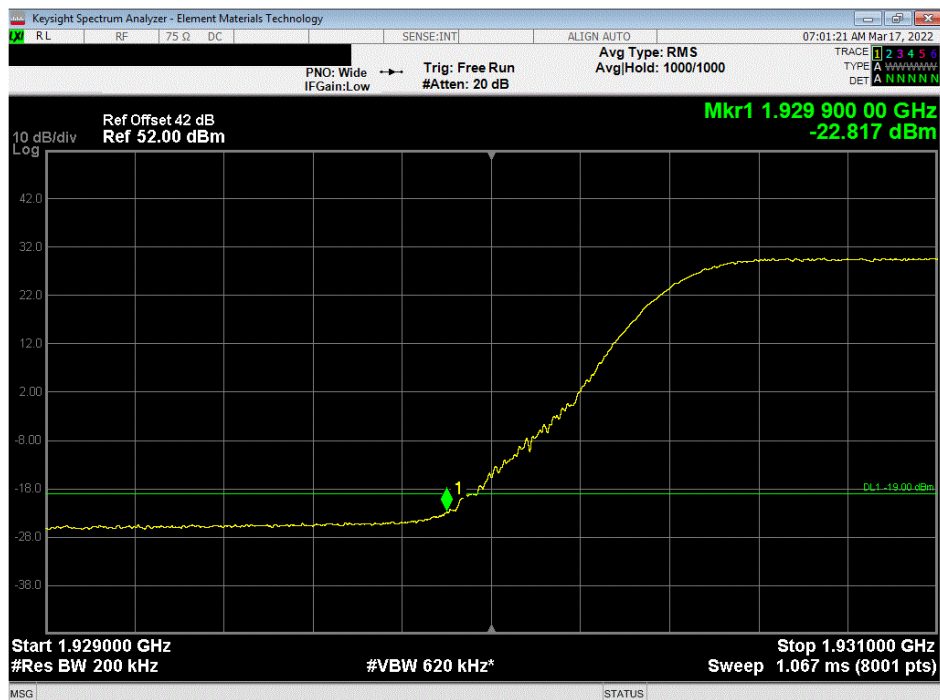


TbTtx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, High Channel, 1987.5 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.43	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, QPSK Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-22.82	-19	Pass			

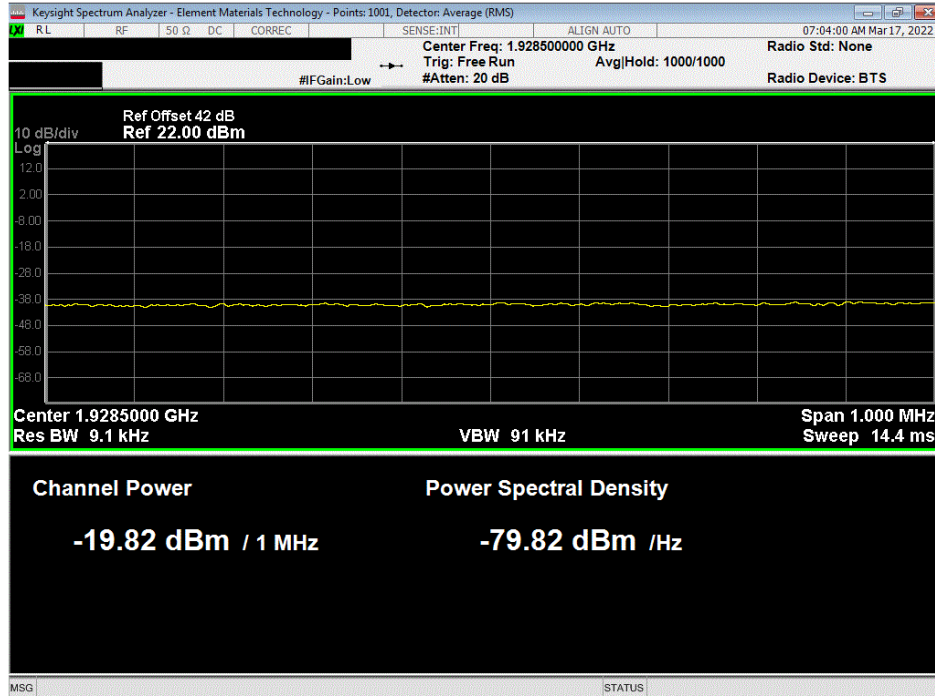


BAND EDGE COMPLIANCE

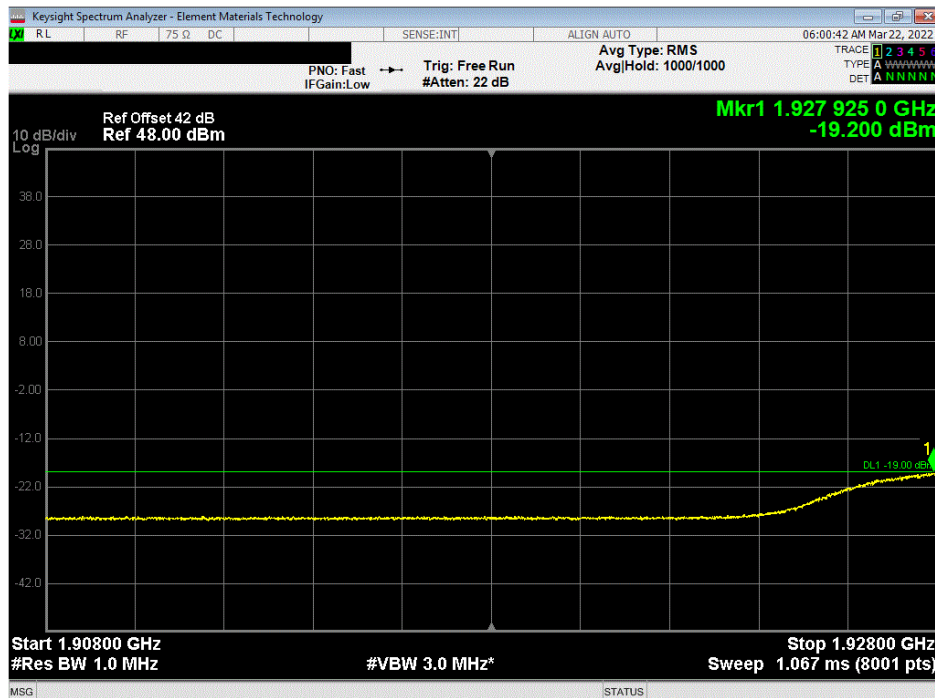


TbTtx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, QPSK Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.82	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, QPSK Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.20	-19	Pass			

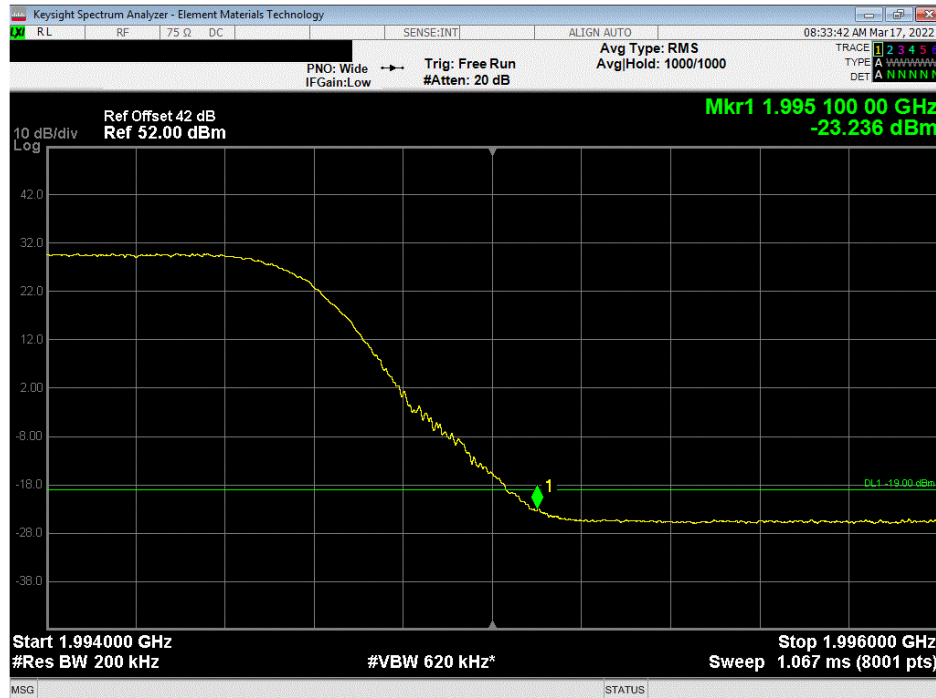


BAND EDGE COMPLIANCE

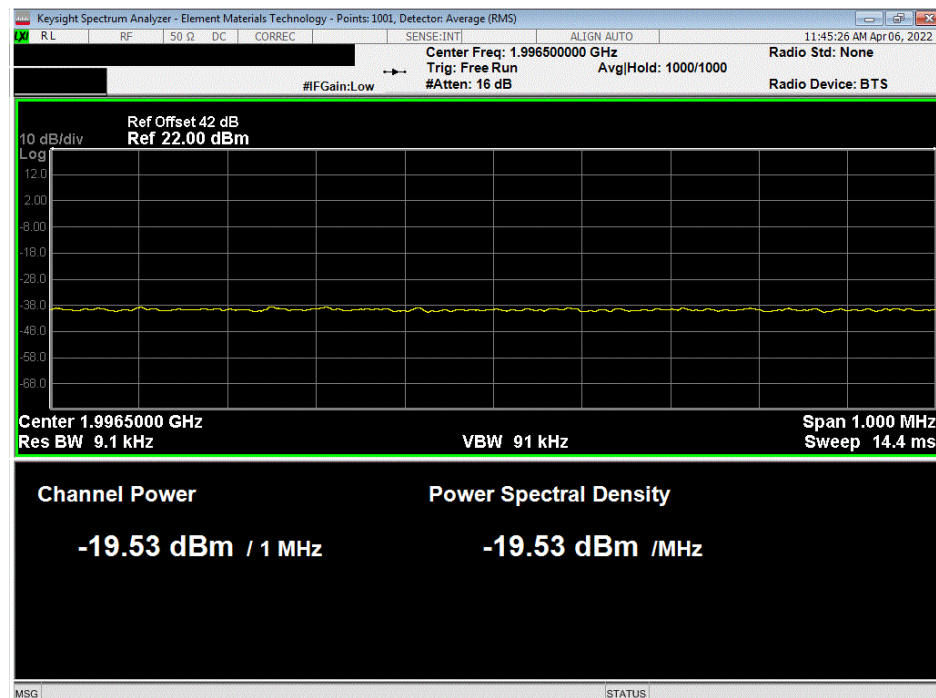


TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, QPSK Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-23.24	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, QPSK Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.53	-19	Pass			

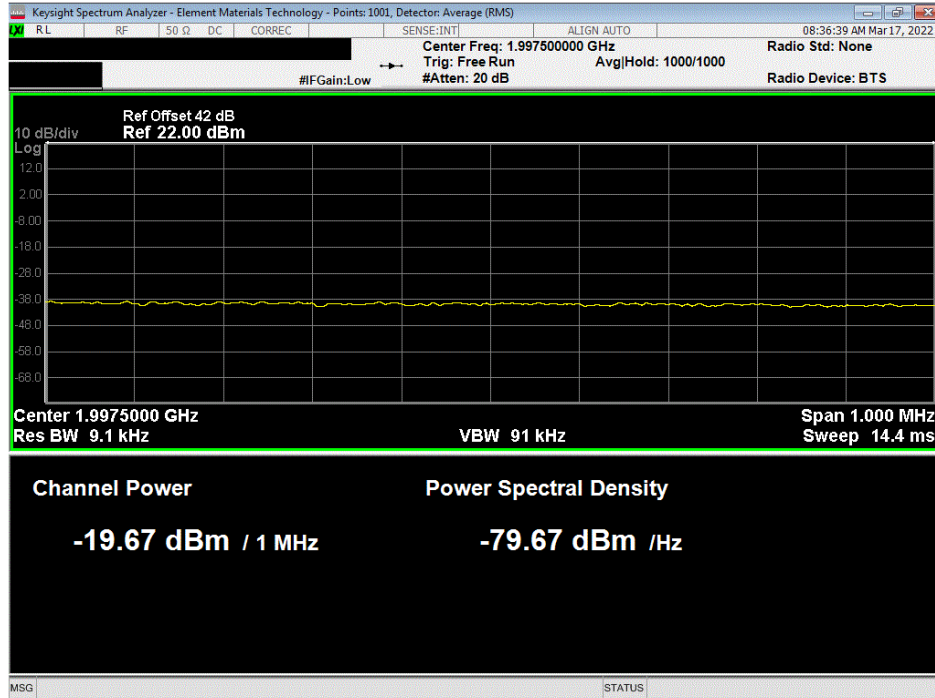


BAND EDGE COMPLIANCE

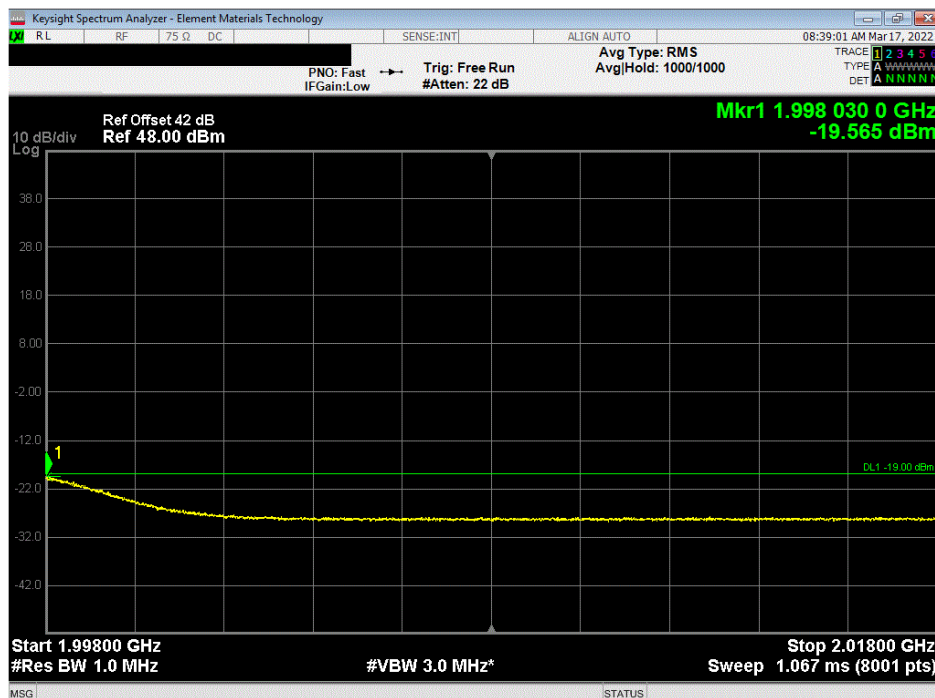


TbTx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, QPSK Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.67	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, QPSK Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
4	-19.57	-19	Pass			

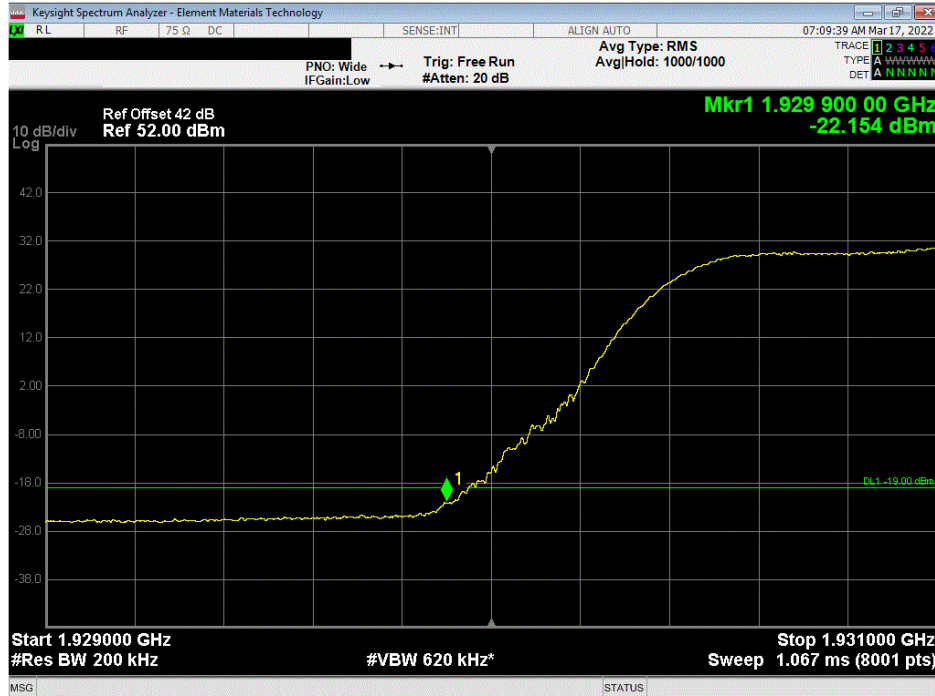


BAND EDGE COMPLIANCE

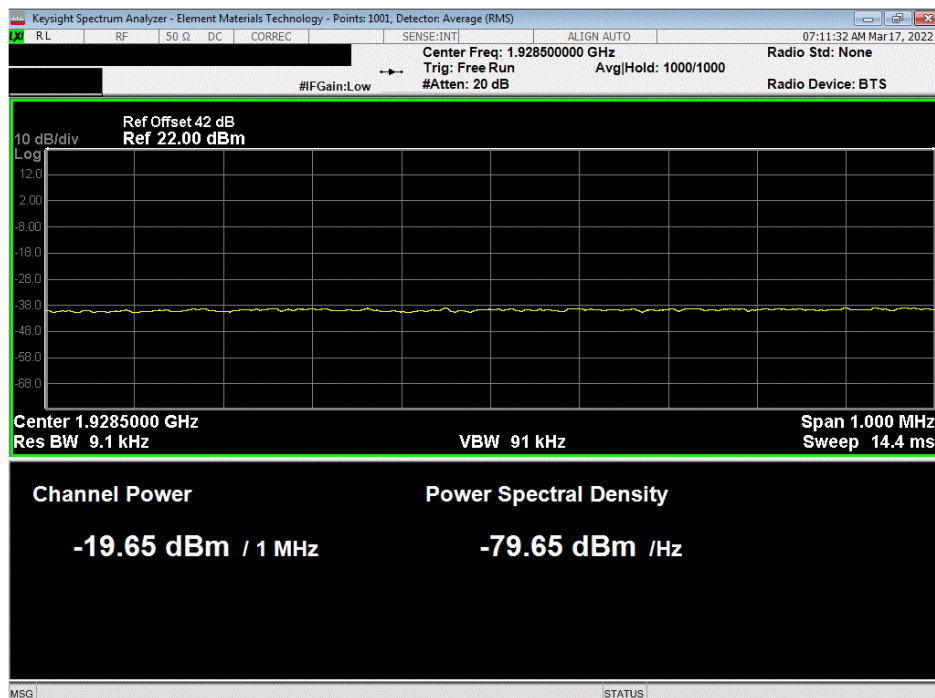


TbTx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-22.15	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.65	-19	Pass			

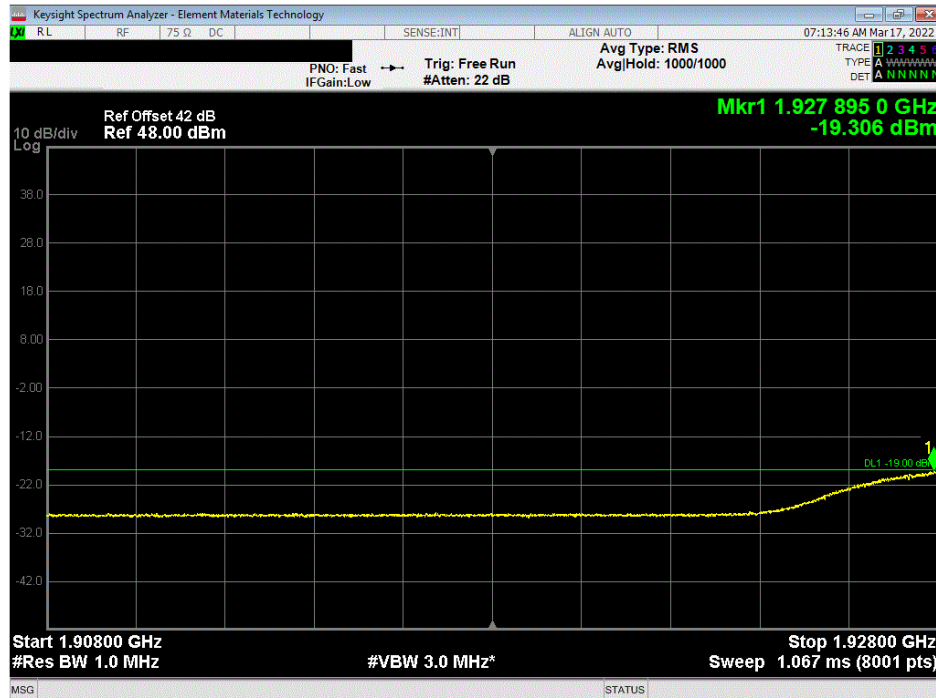


BAND EDGE COMPLIANCE

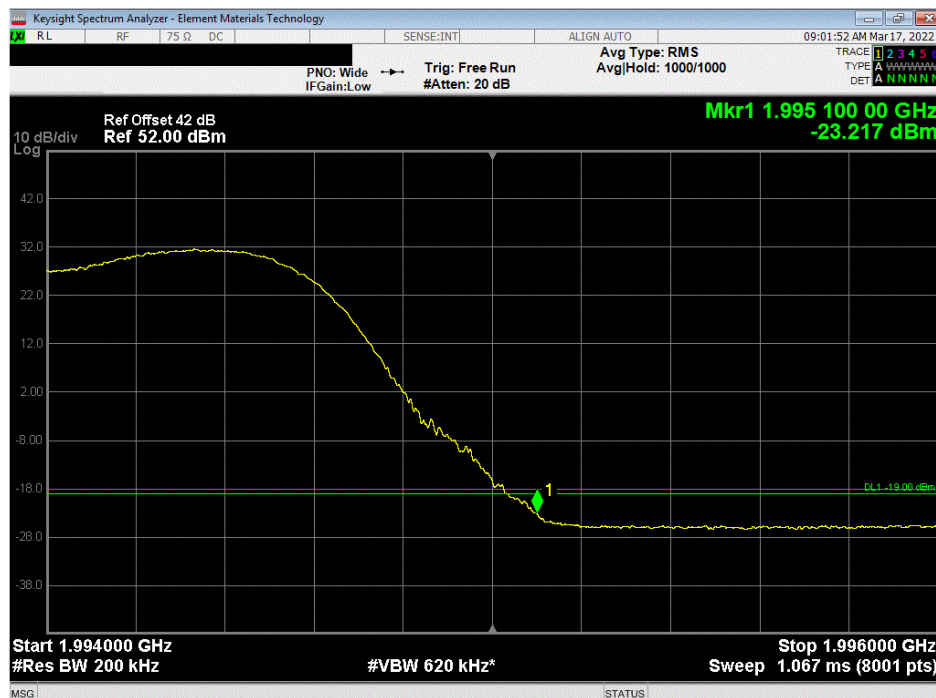


TbTtx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.31	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 16-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-23.22	-19	Pass			

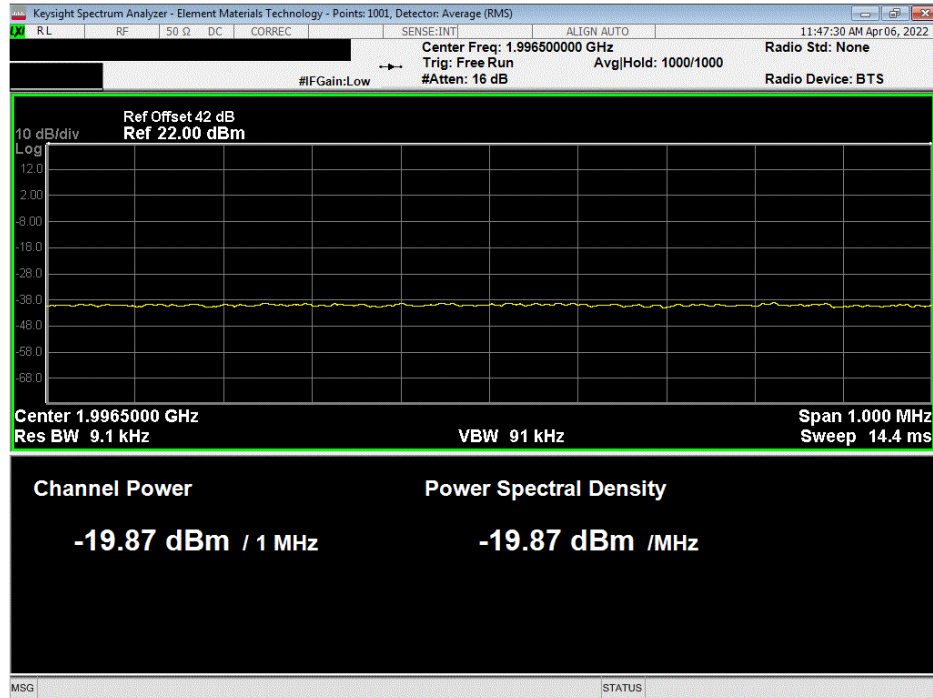


BAND EDGE COMPLIANCE

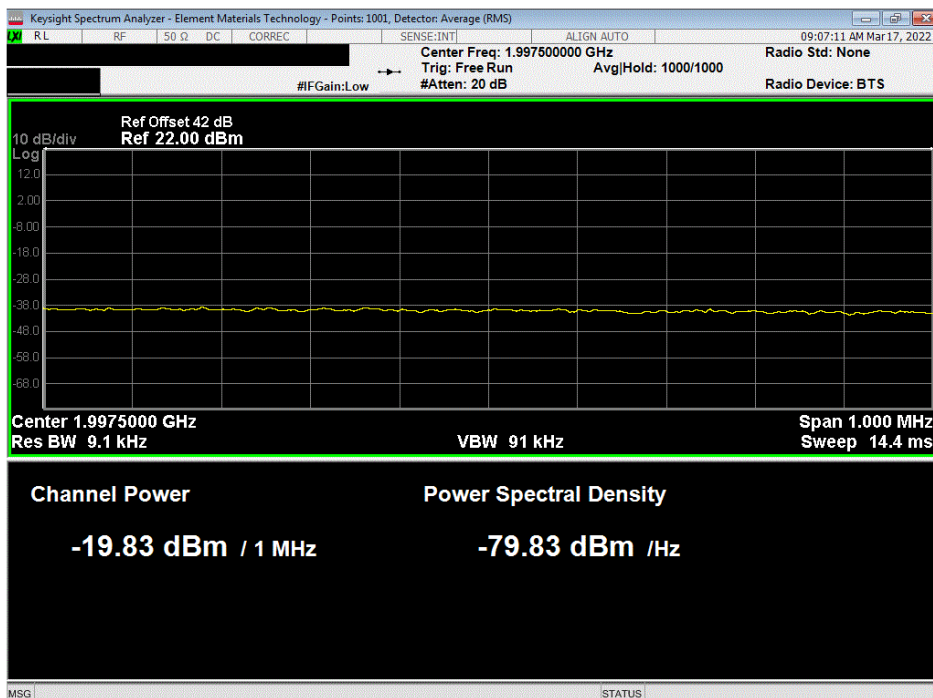


TbTtx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 16-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.87	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 16-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.83	-19	Pass			

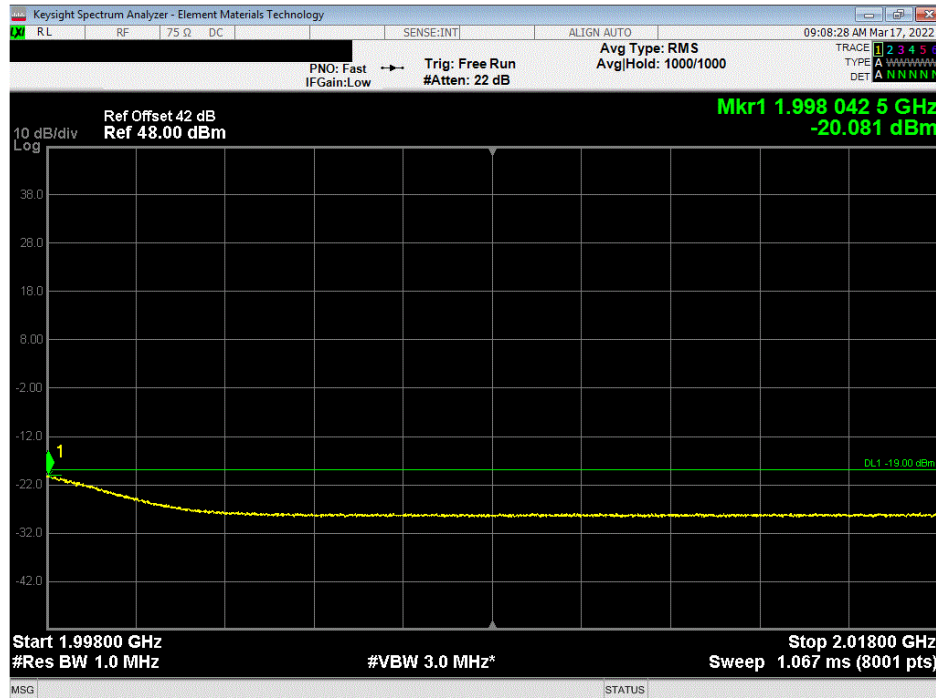


BAND EDGE COMPLIANCE

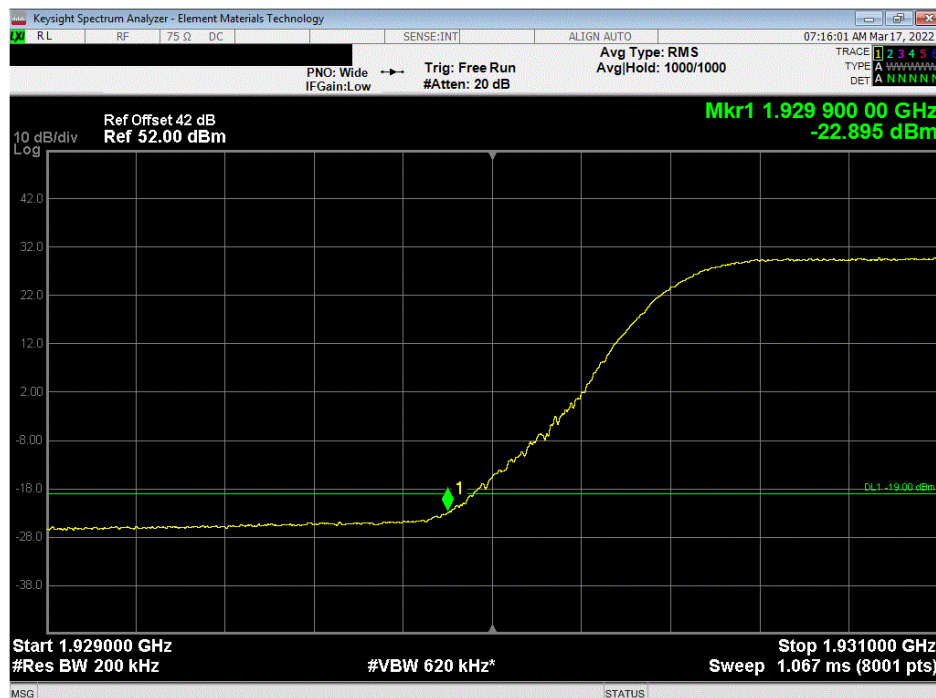


TbTtx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 16-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
4	-20.08	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-22.90	-19	Pass			

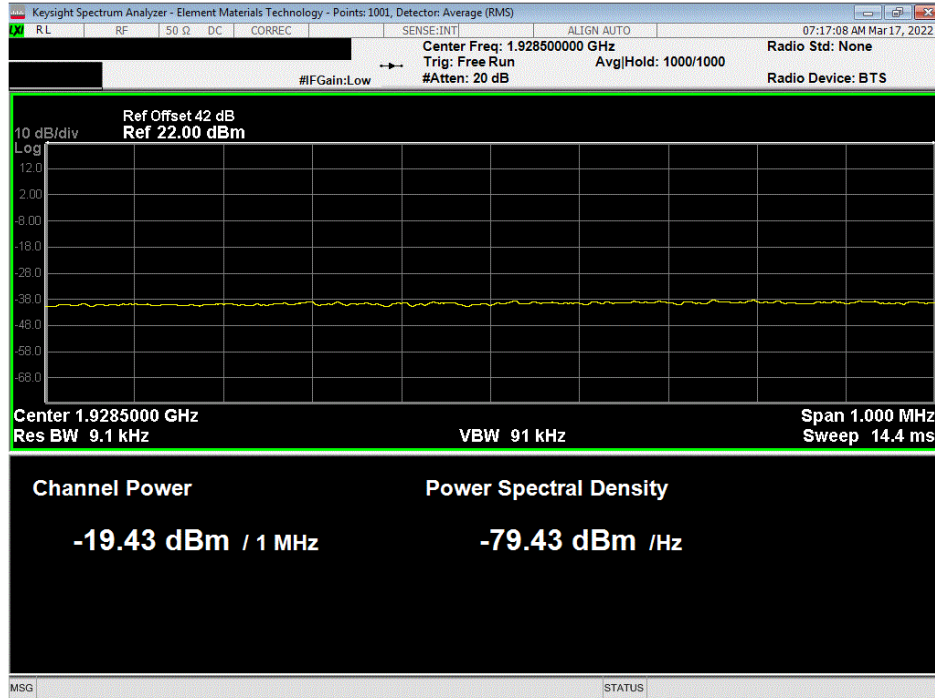


BAND EDGE COMPLIANCE

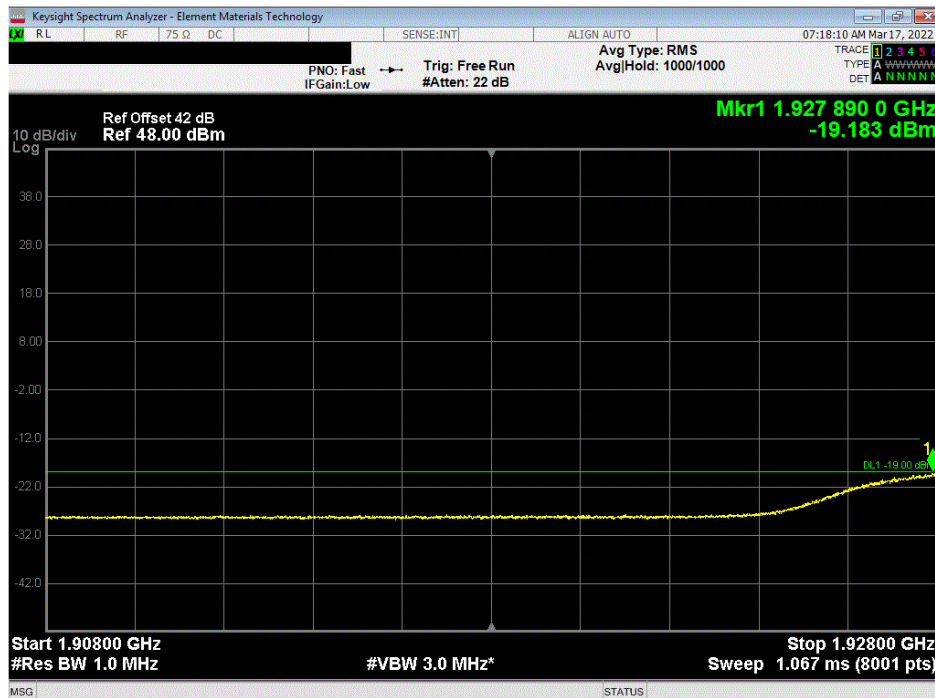


TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.43	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.18	-19	Pass			

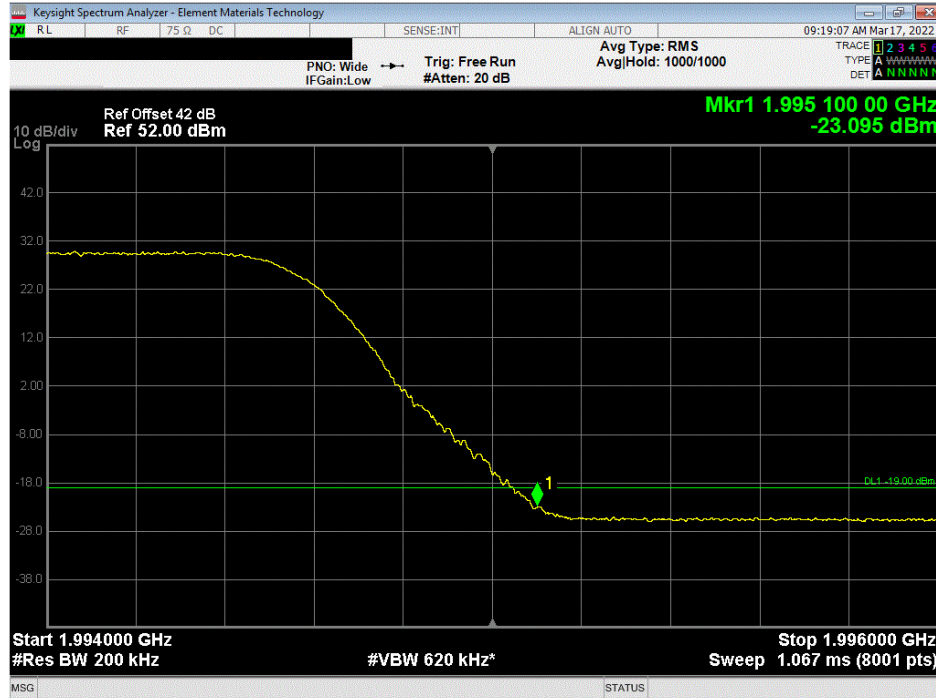


BAND EDGE COMPLIANCE

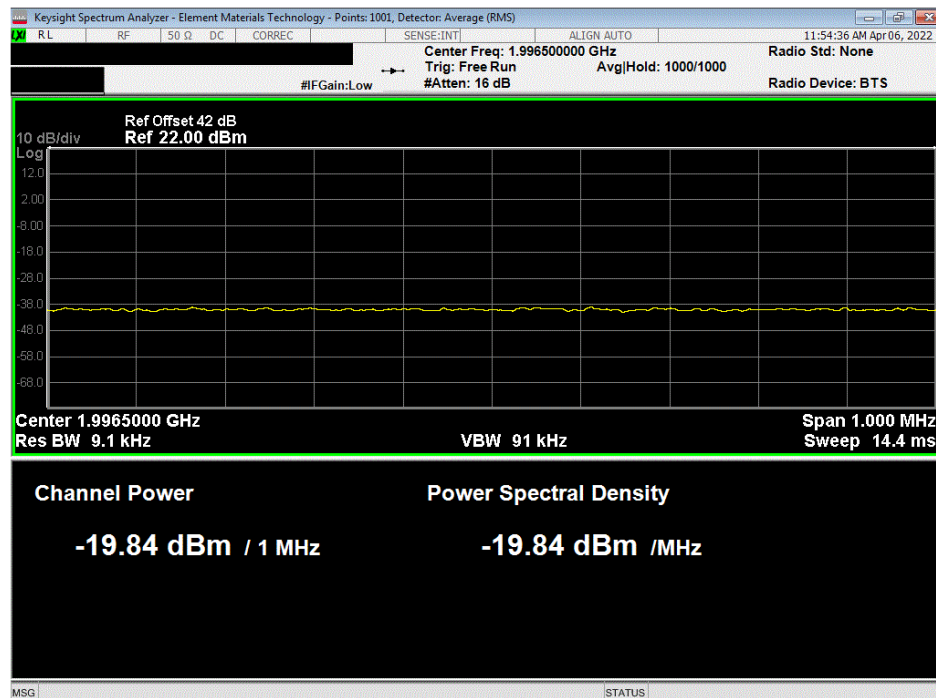


TbTx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 64-QAM Modulation, High Channel, 1985 MHz						
Frequency Range		Max Value (dBm)		Limit < (dBm)		Result
1		-23.10		-19		Pass



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 64-QAM Modulation, High Channel, 1985 MHz						
Frequency Range		Max Value (dBm)		Limit < (dBm)		Result
2		-19.84		-19		Pass

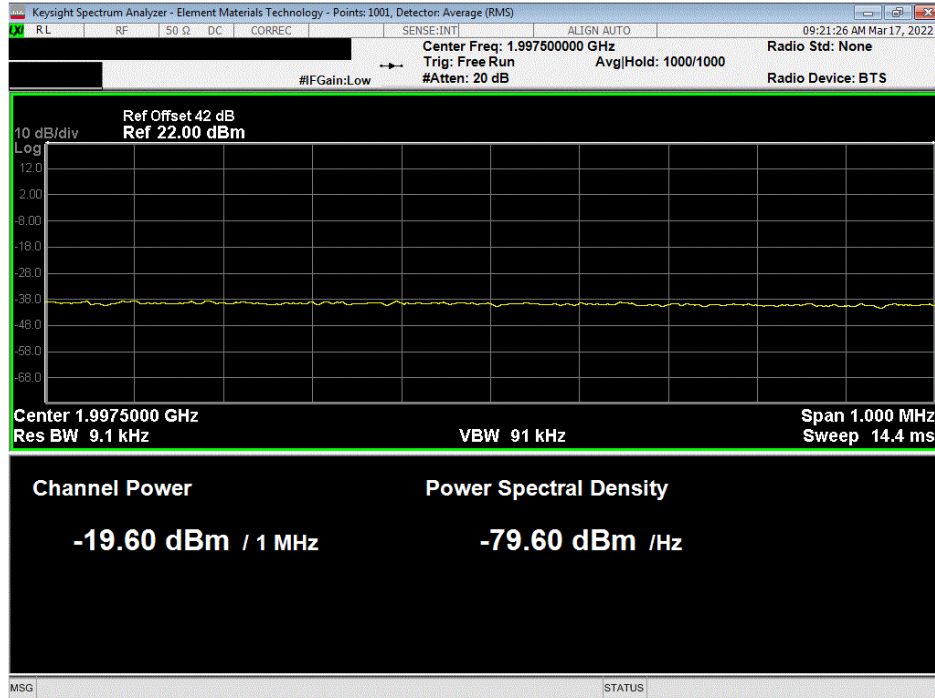


BAND EDGE COMPLIANCE

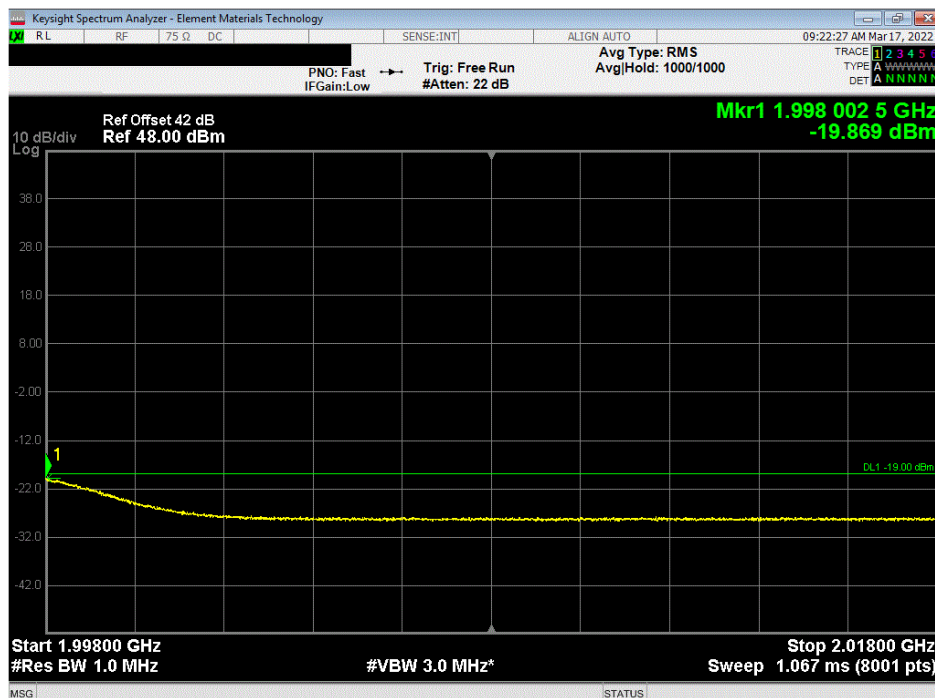


TbTtx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 64-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.60	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 64-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
4	-19.87	-19	Pass			

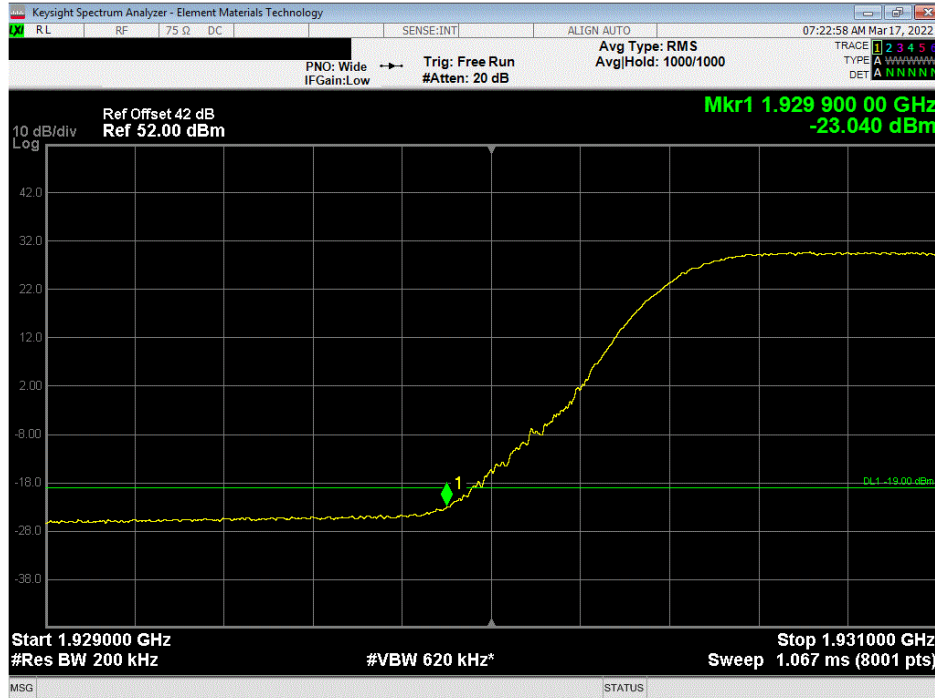


BAND EDGE COMPLIANCE

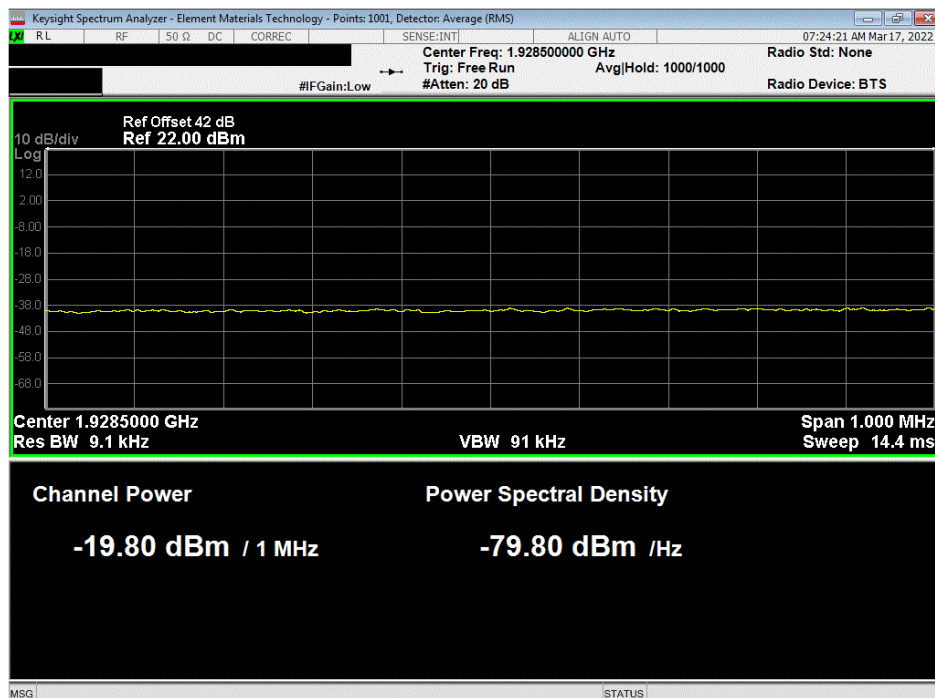


TbTtx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-23.04	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.80	-19	Pass			

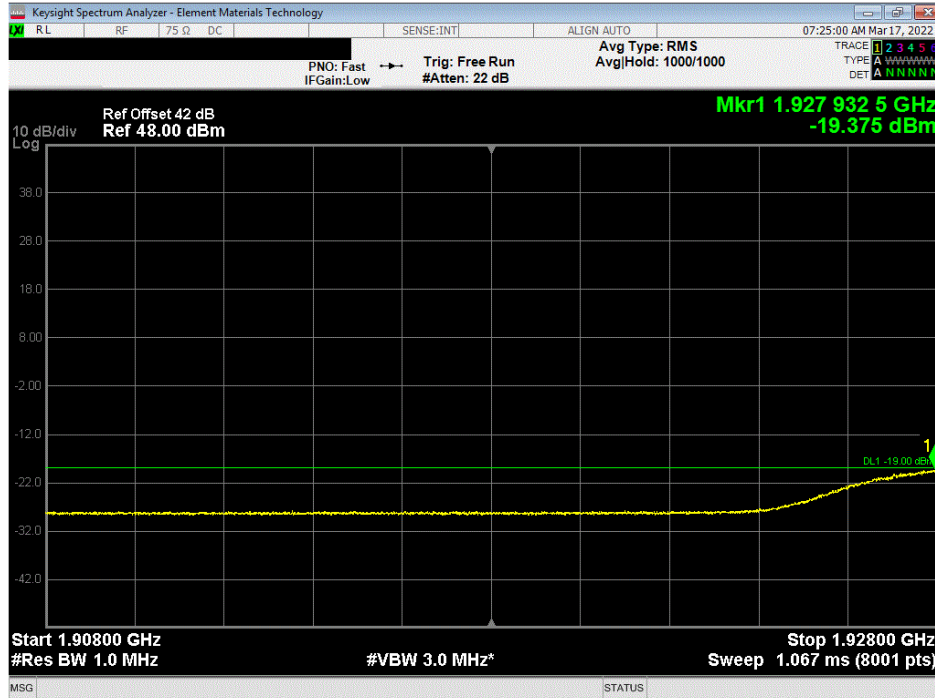


BAND EDGE COMPLIANCE

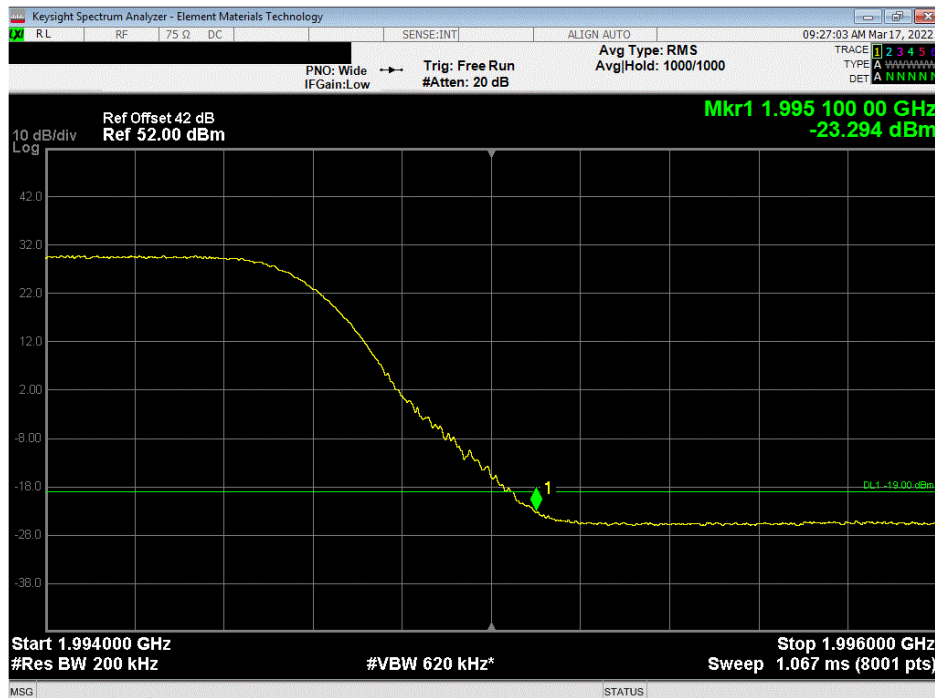


TbTtx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1940 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.38	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-23.29	-19	Pass			

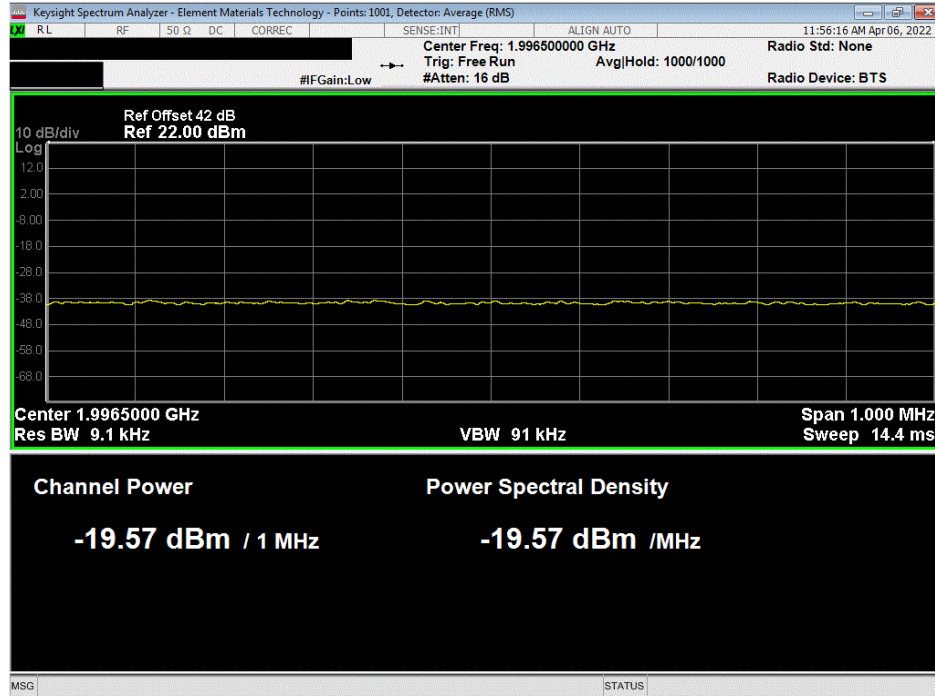


BAND EDGE COMPLIANCE

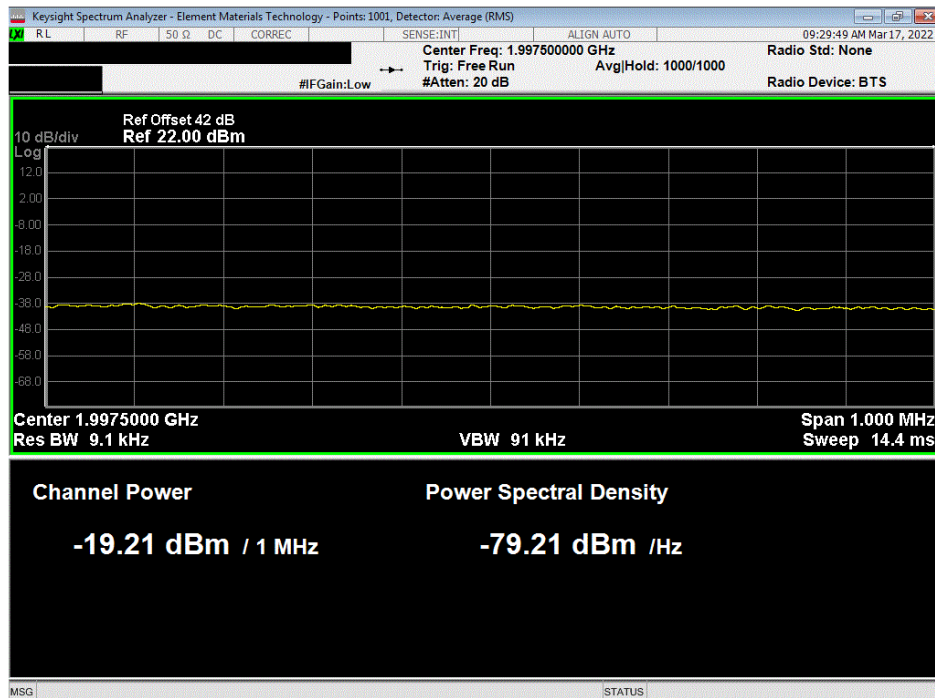


TbTtx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.57	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.21	-19	Pass			

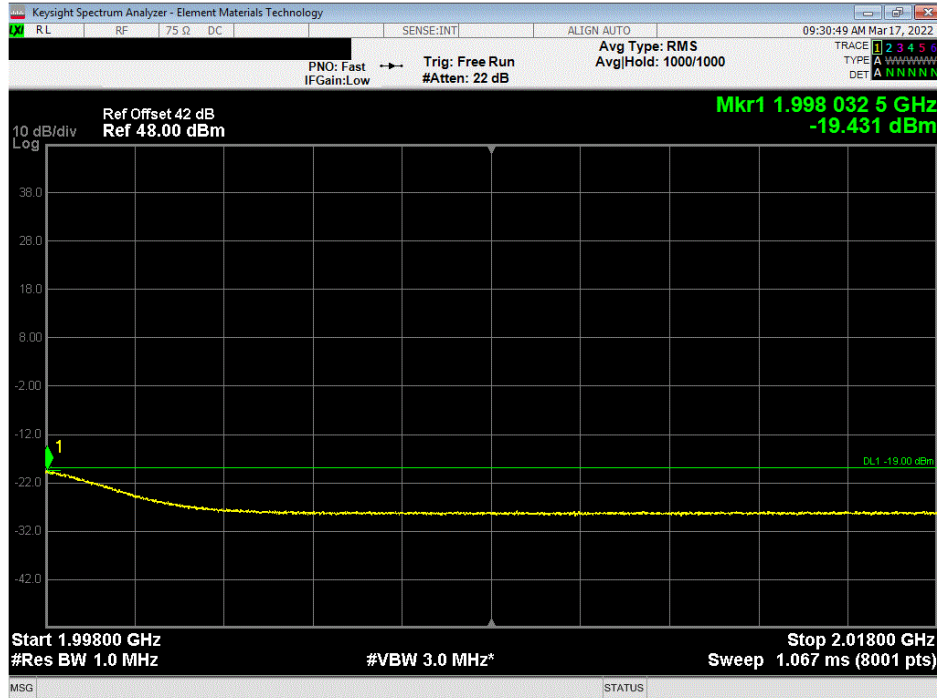


BAND EDGE COMPLIANCE

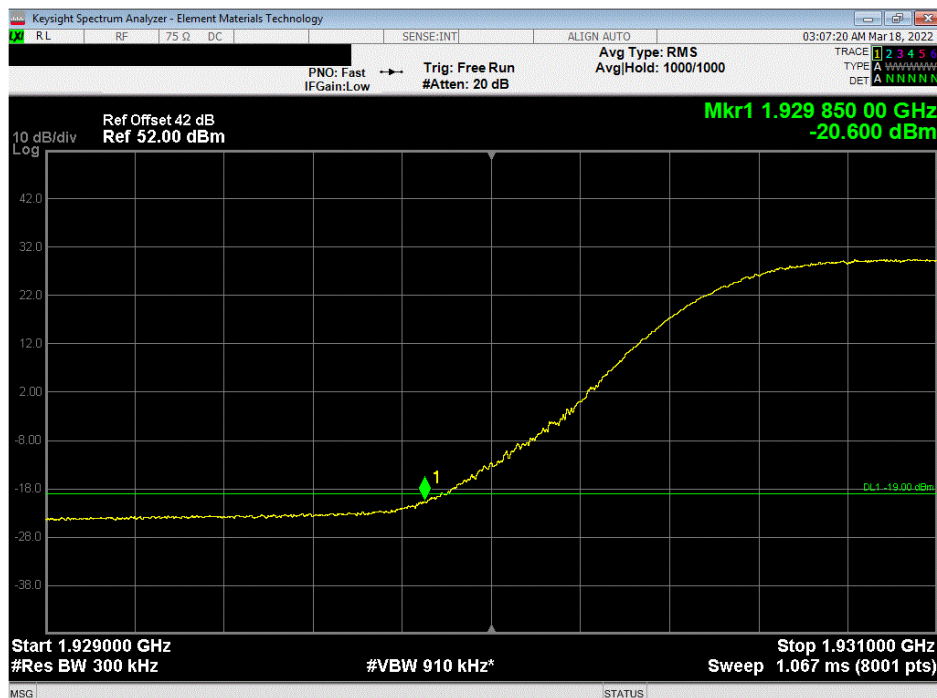


TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, High Channel, 1985 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
4	-19.43	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, QPSK Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-20.60	-19	Pass			



Keysight Spectrum Analyzer - Element Materials Technology - Points: 1001, Detector: Average (RMS)

03:08:13 AM Mar 18, 2022

RL RF 50 Ω DC CORREC SENSE:INT ALIGN:AUTO

Center Freq: 1.92850000 GHz Radio Std: None
Trig: Free Run Avg|Hold: 1000/1000
#Atten: 20 dB Radio Device: BTS
#IFGain:Low

Ref Offset 42 dB
Ref 22.00 dBm

10 dB/div
Log

Center 1.9285000 GHz Span 1.000 MHz
Res BW 9.1 kHz VBW 91 kHz Sweep 14.4 ms

Channel Power Power Spectral Density

-19.55 dBm / 1 MHz -79.55 dBm /Hz

The image shows a Keysight Spectrum Analyzer interface. The main display area is a grid with a yellow line representing the spectrum, which is flat at approximately -38 dBm. The y-axis is labeled 'Log' and ranges from -68.0 to 12.0 dBm. The x-axis represents frequency, with a center frequency of 1.9285000 GHz. The display includes various settings and measurement results, such as 'Ref Offset 42 dB', 'Ref 22.00 dBm', 'Center 1.9285000 GHz', 'Span 1.000 MHz', 'Res BW 9.1 kHz', 'VBW 91 kHz', 'Sweep 14.4 ms', 'Channel Power -19.55 dBm / 1 MHz', and 'Power Spectral Density -79.55 dBm /Hz'.

Keysight Spectrum Analyzer - Element Materials Technology

RL RF 75 Ω DC SENSE:INT ALIGN AUTO 03:09:01 AM Mar 18, 2022

PNO: Fast IF Gain: Low Trig: Free Run #Attenu: 22 dB Avg Type: RMS Avg/Hold: 1000/1000

TRACE 1 2 3 4 5 6 TYPE A W W W W W W W W DET A N N N N N N

Ref Offset 42 dB Ref 48.00 dBm Mkr1 1.927 950 0 GHz -19.300 dBm

10 dB/div Log

38.0
28.0
18.0
8.00
-2.00
-12.0
-22.0
-32.0
-42.0

DL-1 -19.00 dBm

Start 1.90800 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 1.92800 GHz Sweep 1.067 ms (8001 pts)

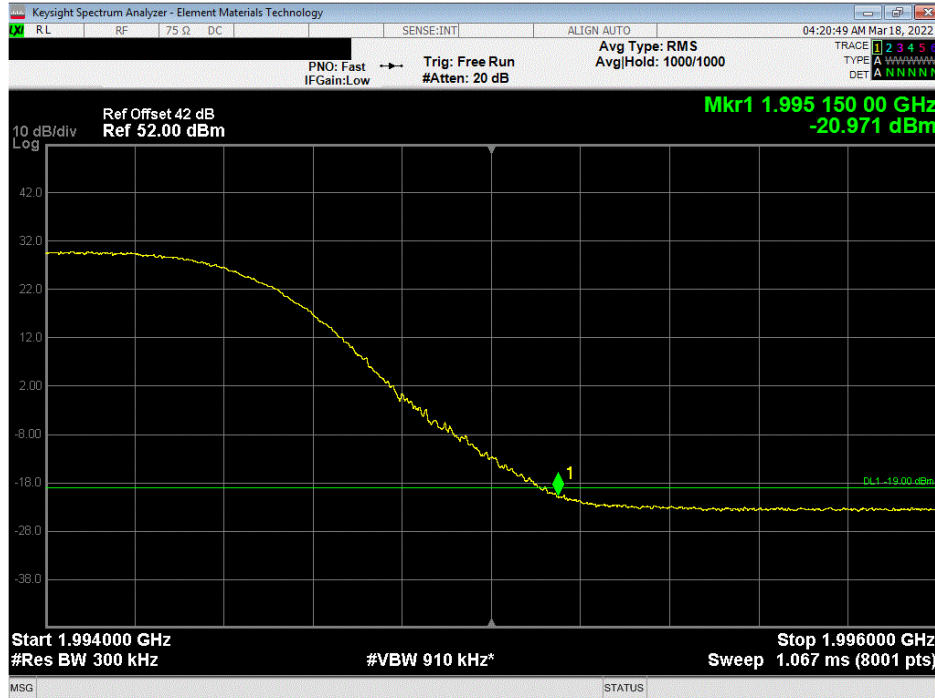
MSG STATUS

BAND EDGE COMPLIANCE

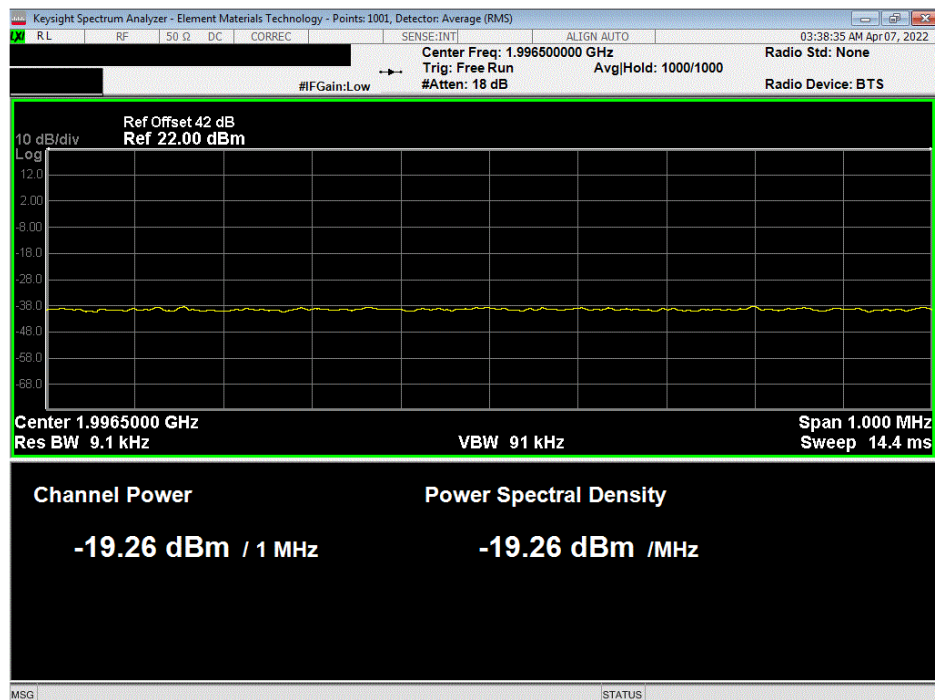


TbTtx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, QPSK Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-20.97	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, QPSK Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.26	-19	Pass			

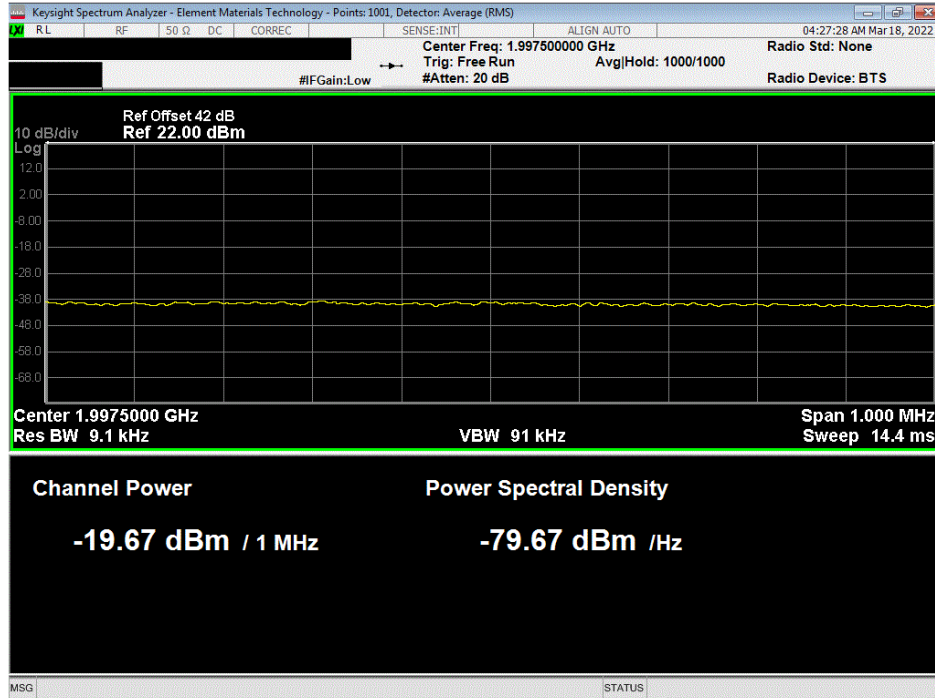


BAND EDGE COMPLIANCE

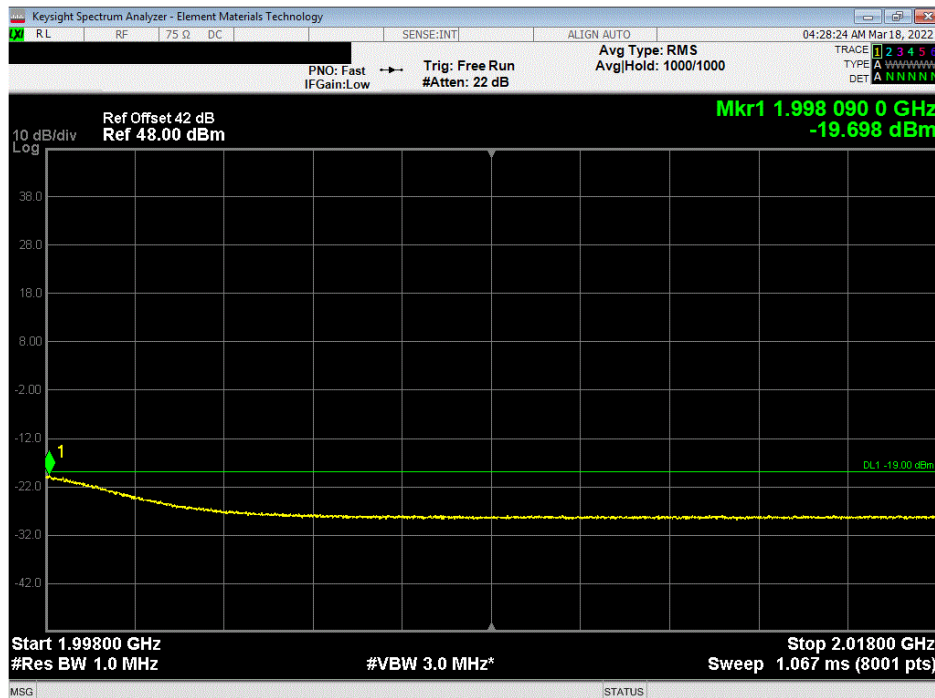


TbTtx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, QPSK Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.67	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, QPSK Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
4	-19.70	-19	Pass			

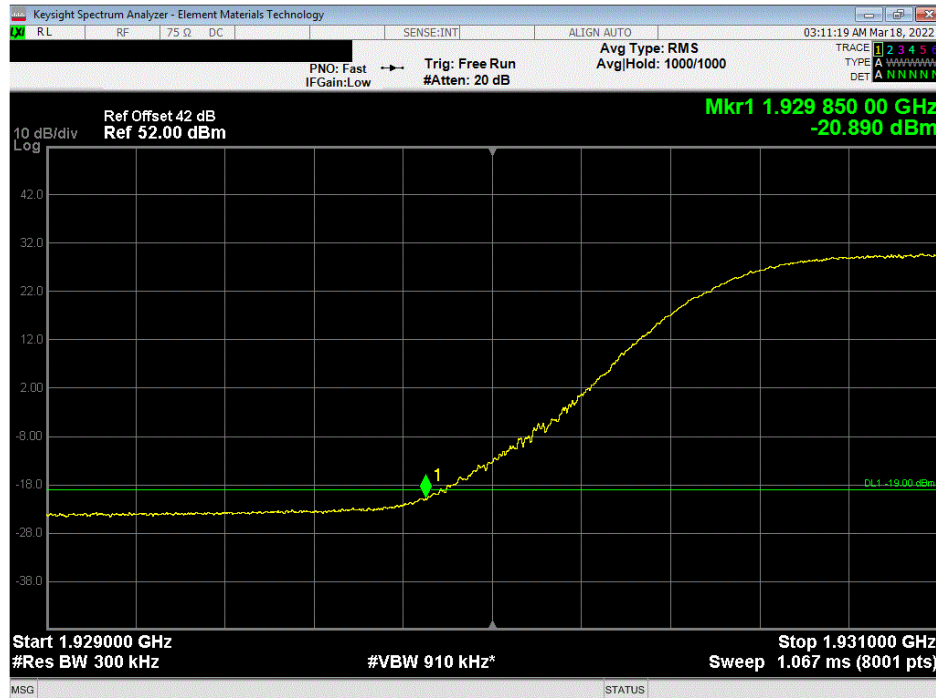


BAND EDGE COMPLIANCE

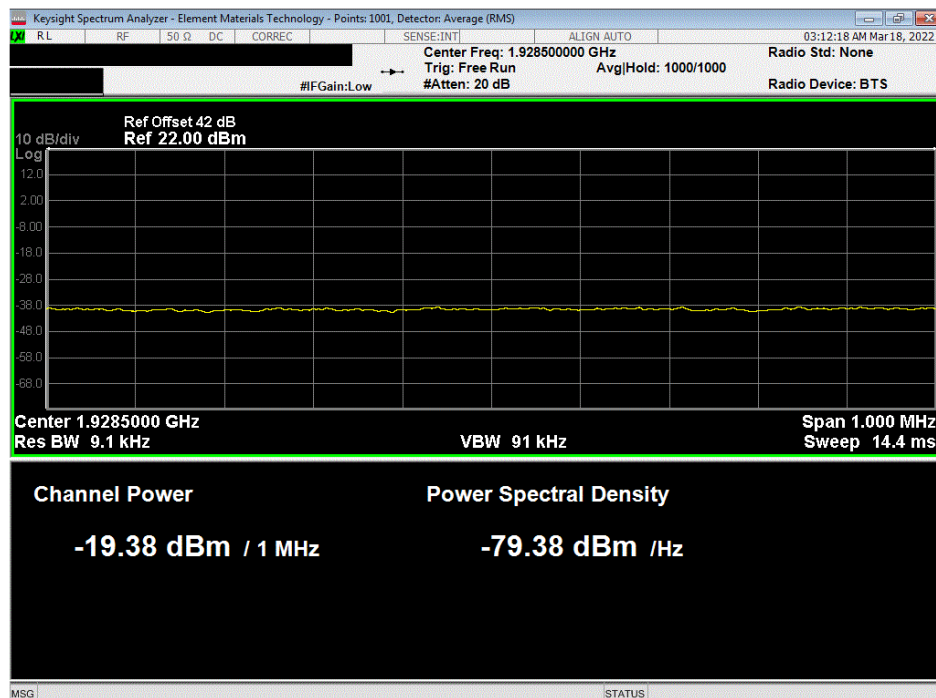


TbTtx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-20.89	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.38	-19	Pass			

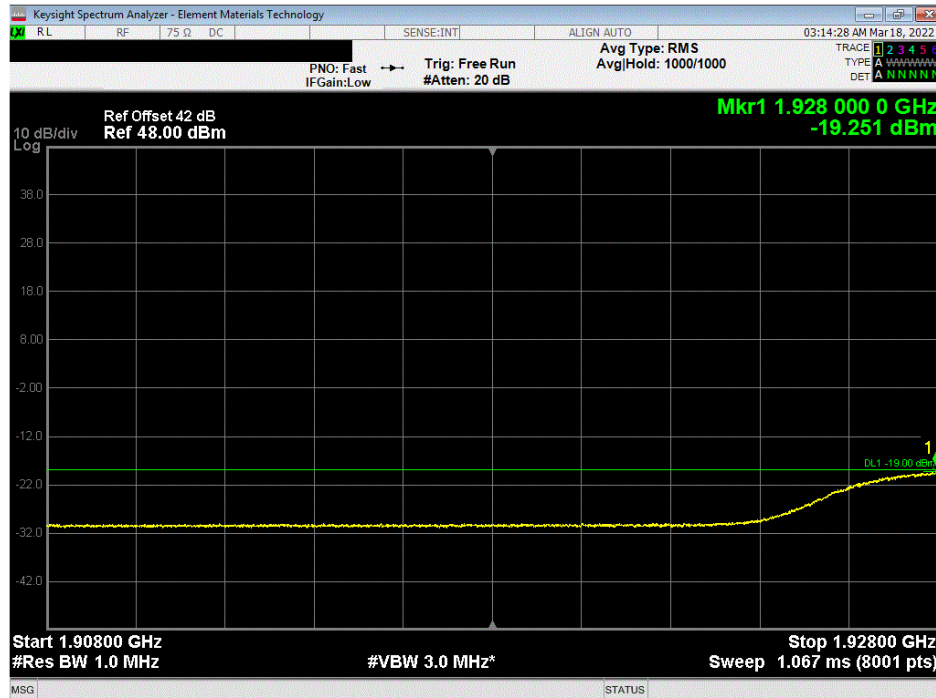


BAND EDGE COMPLIANCE



TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 16-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.25	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 16-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-20.78	-19	Pass			

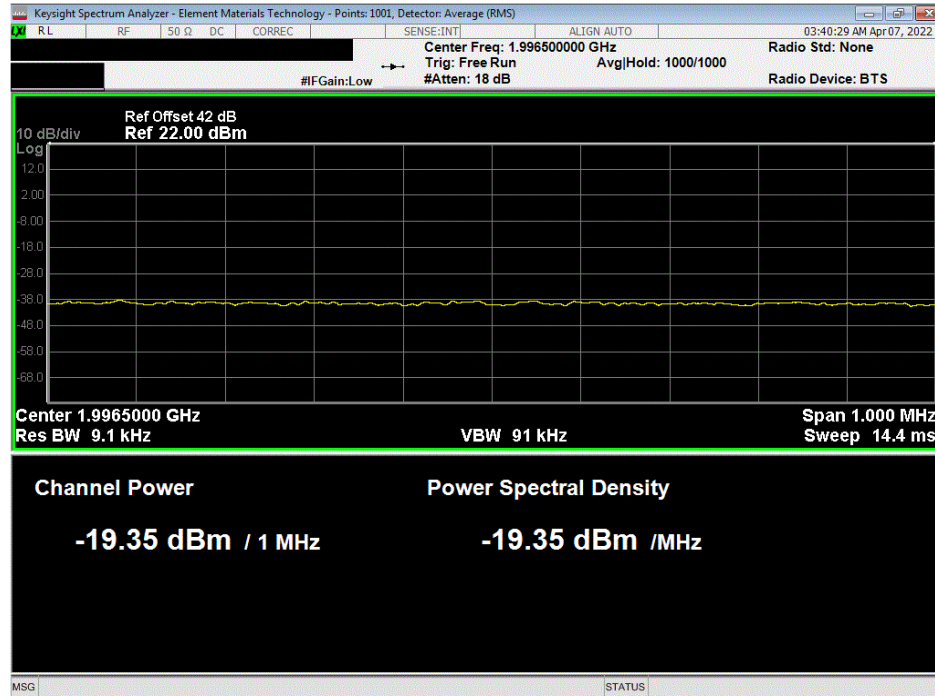


BAND EDGE COMPLIANCE

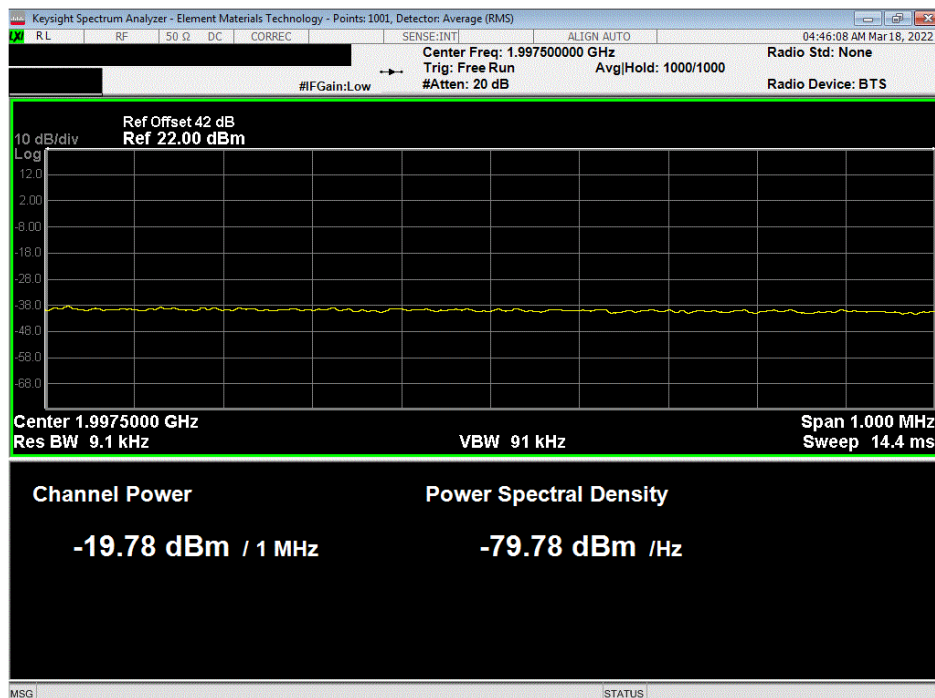


TbTx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 16-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.35	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 16-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.87	-19	Pass			

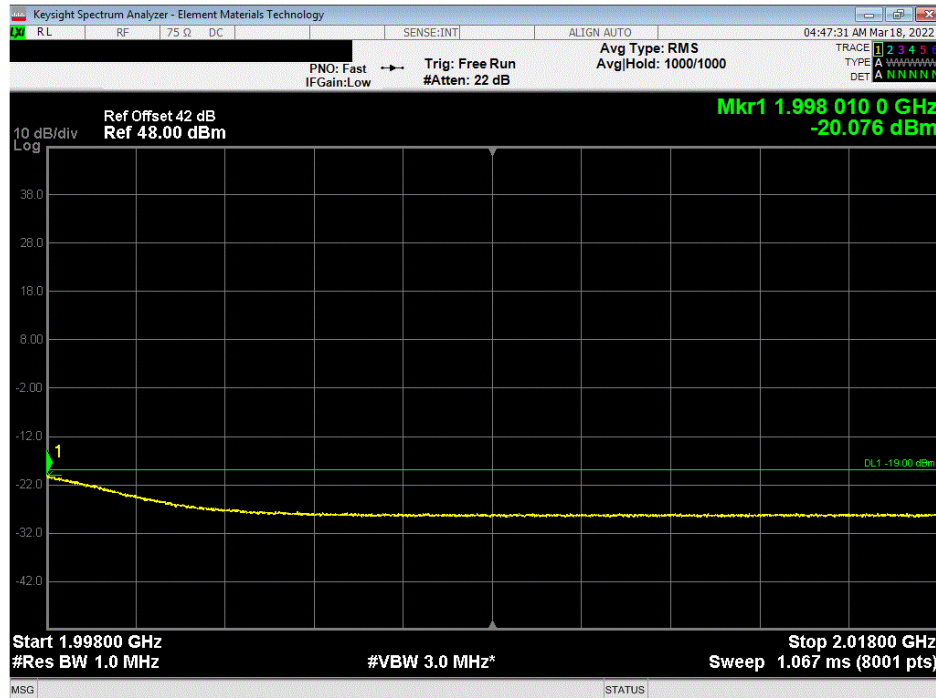


BAND EDGE COMPLIANCE

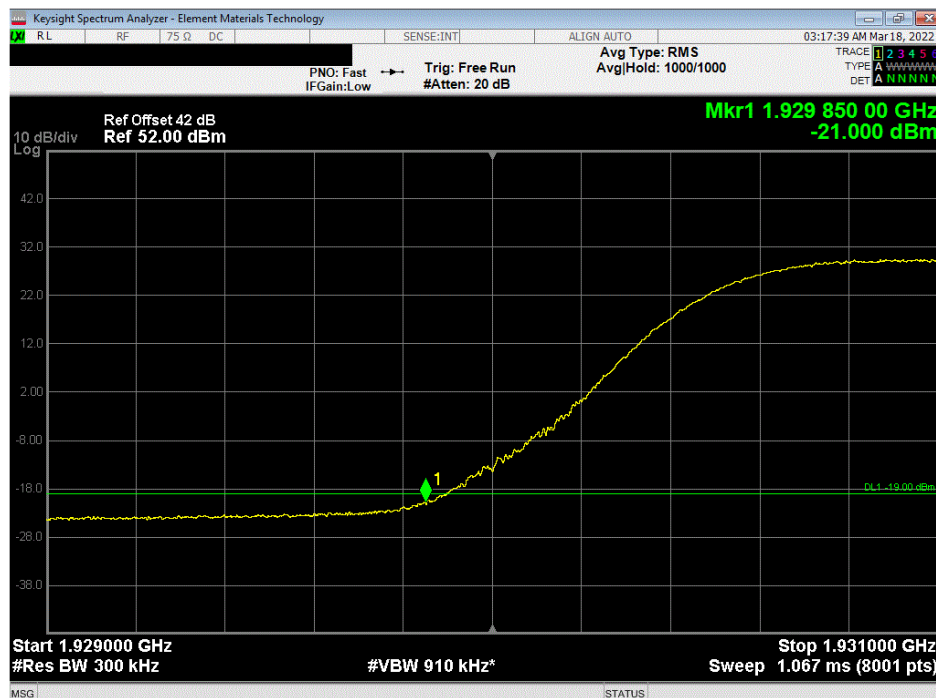


TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 16-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
4	-20.08	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-21.00	-19	Pass			

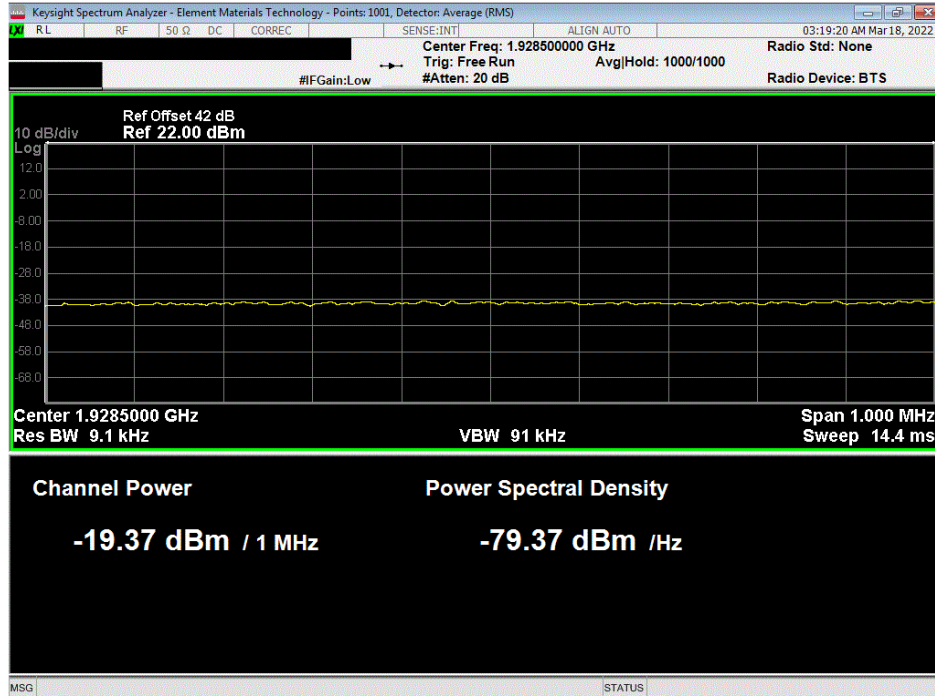


BAND EDGE COMPLIANCE

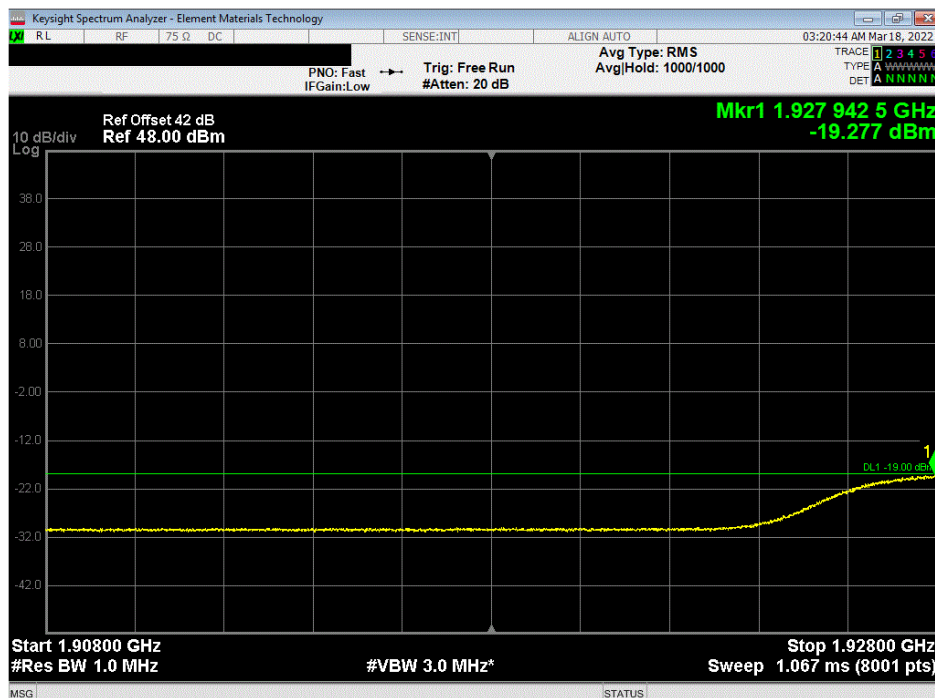


TbTtx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.37	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 64-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.28	-19	Pass			

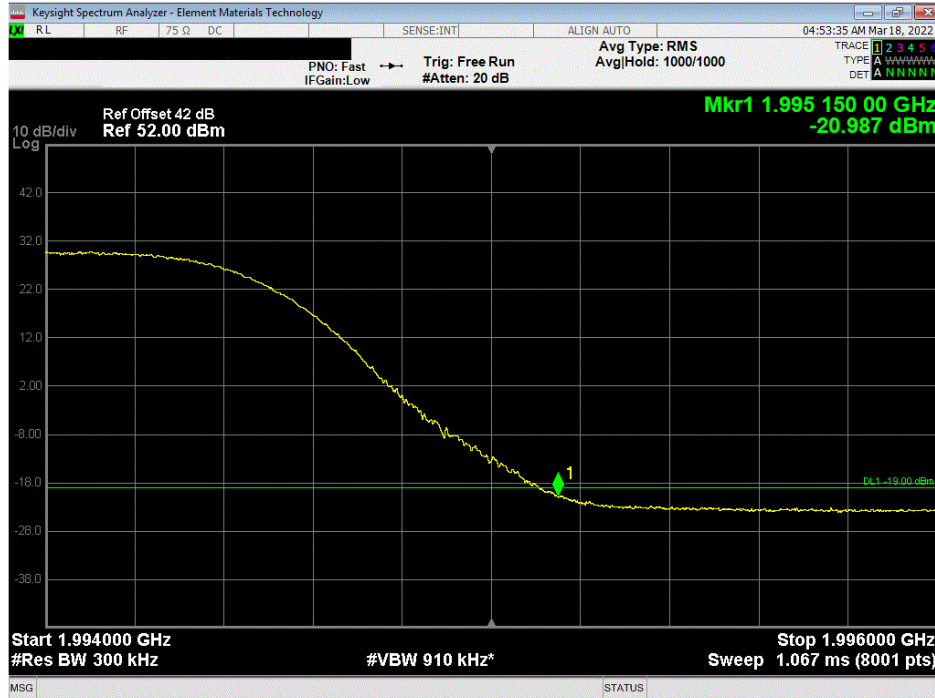


BAND EDGE COMPLIANCE

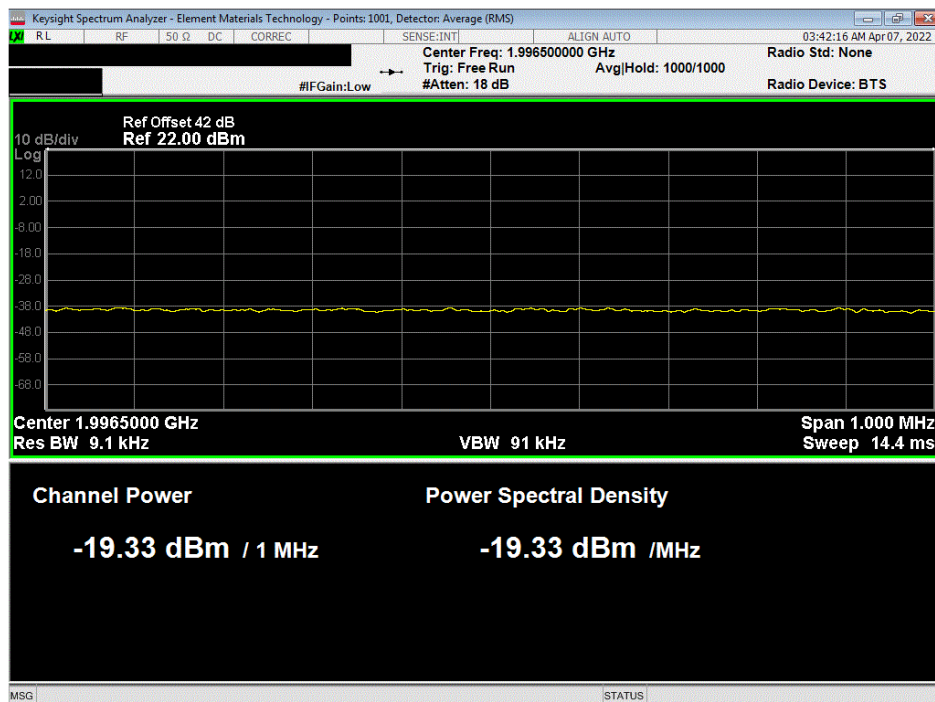


TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 64-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-20.99	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 64-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.33	-19	Pass			

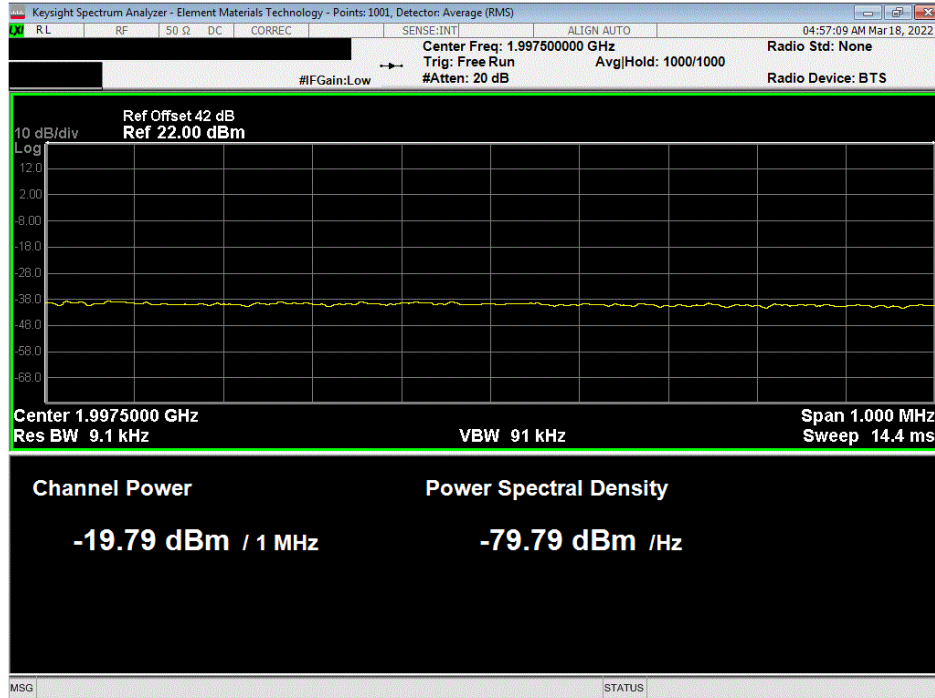


BAND EDGE COMPLIANCE

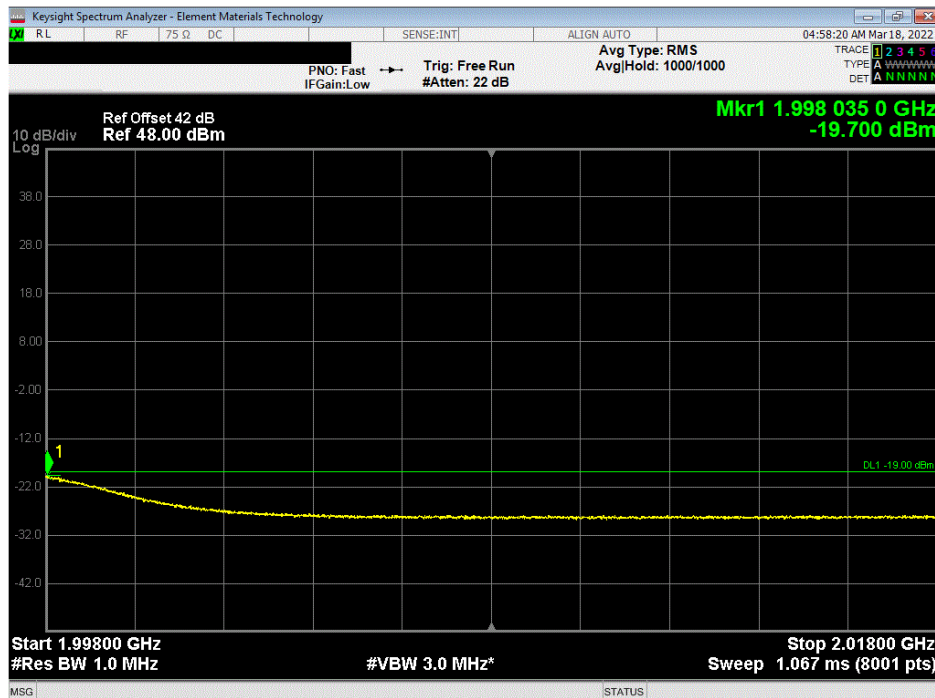


TbTtx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 64-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.79	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 64-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
4	-19.70	-19	Pass			

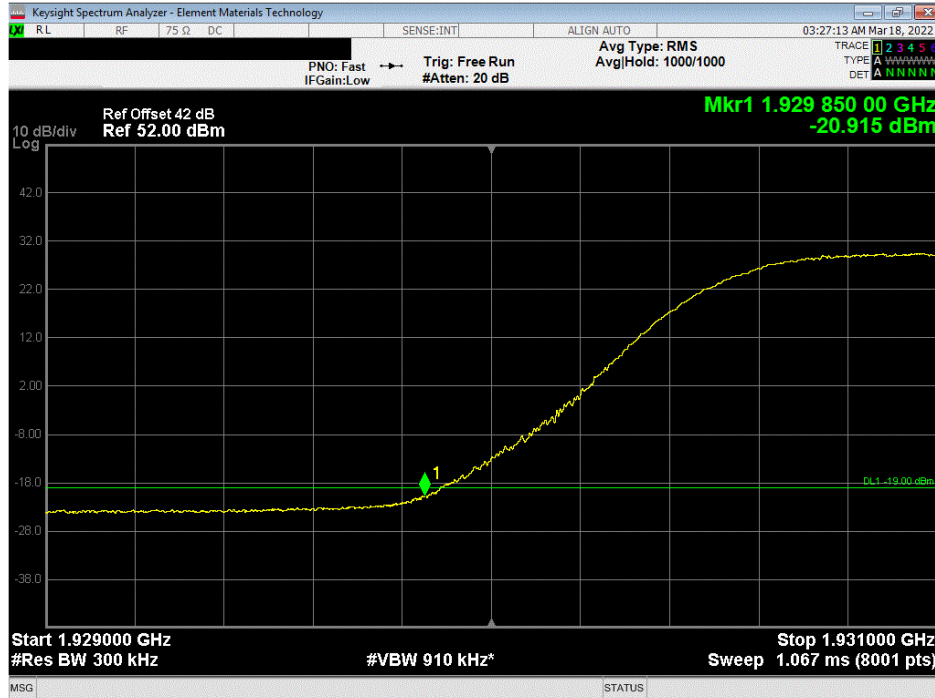


BAND EDGE COMPLIANCE

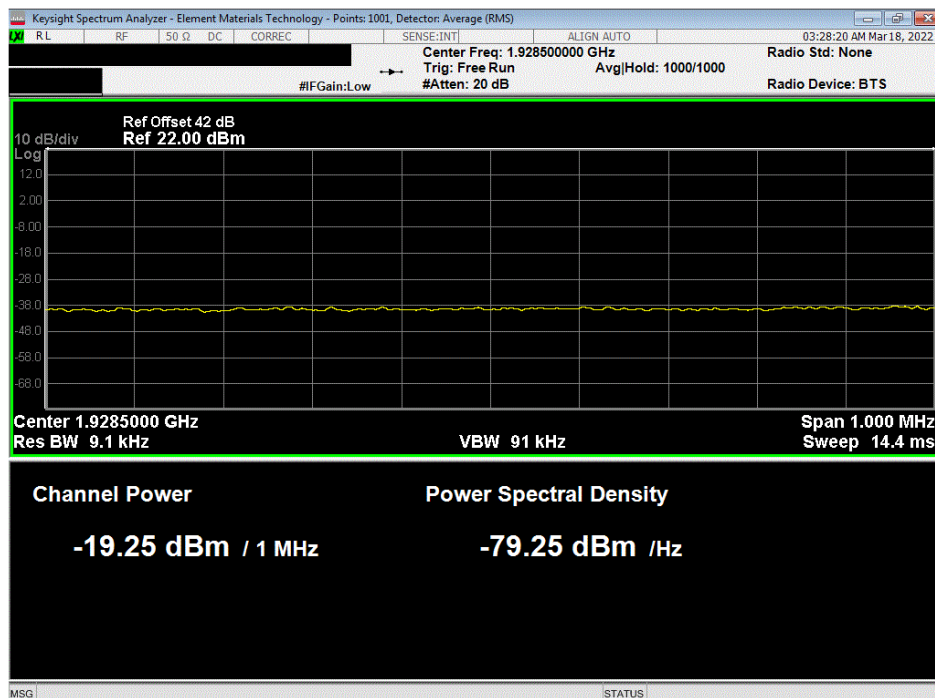


TbTx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-20.92	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.25	-19	Pass			

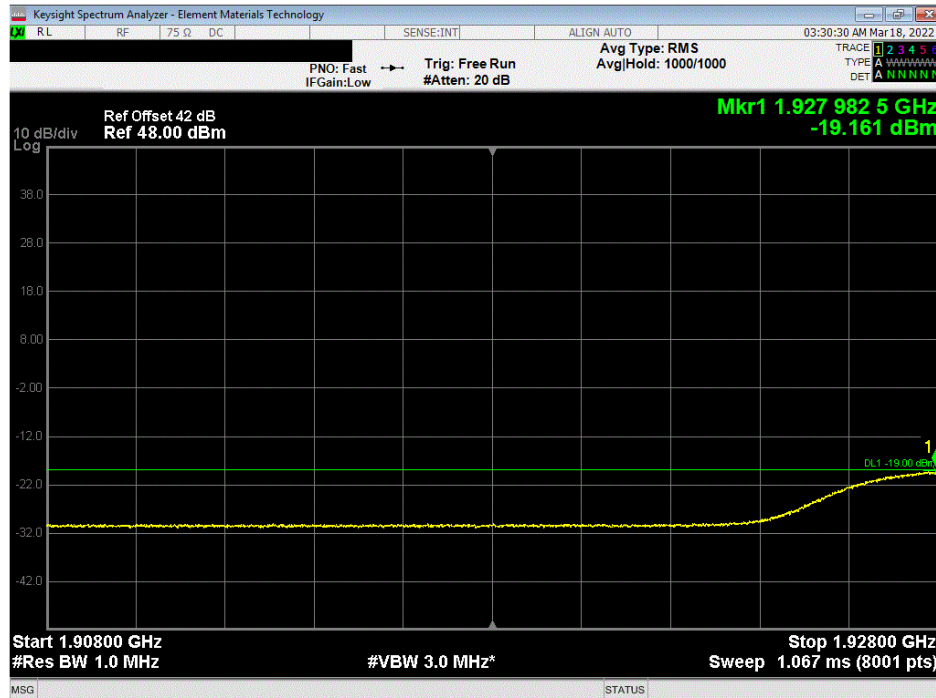


BAND EDGE COMPLIANCE

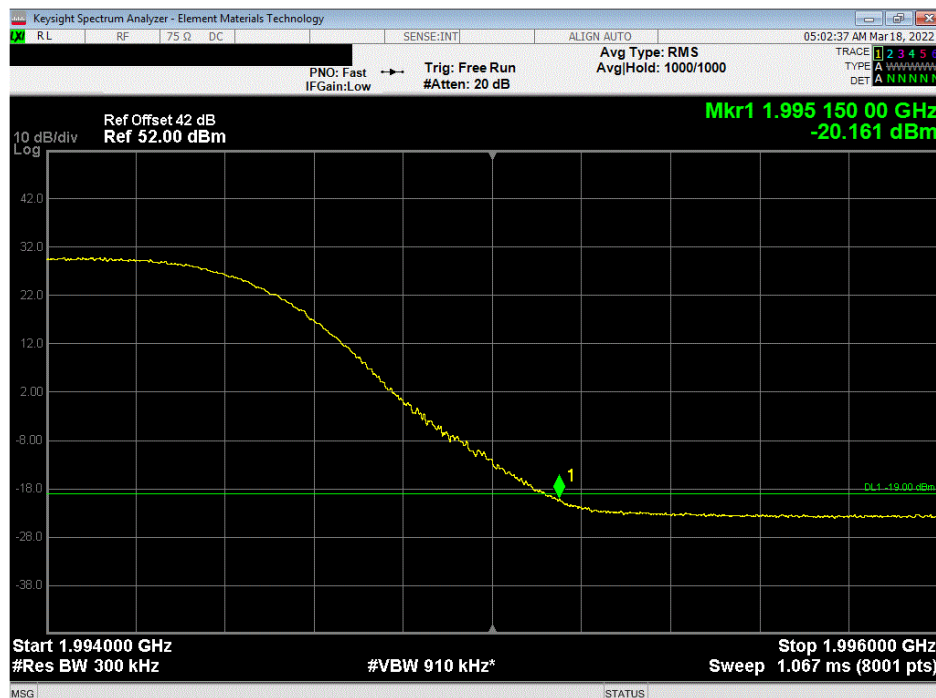


TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Low Channel, 1945 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.16	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
1	-20.16	-19	Pass			

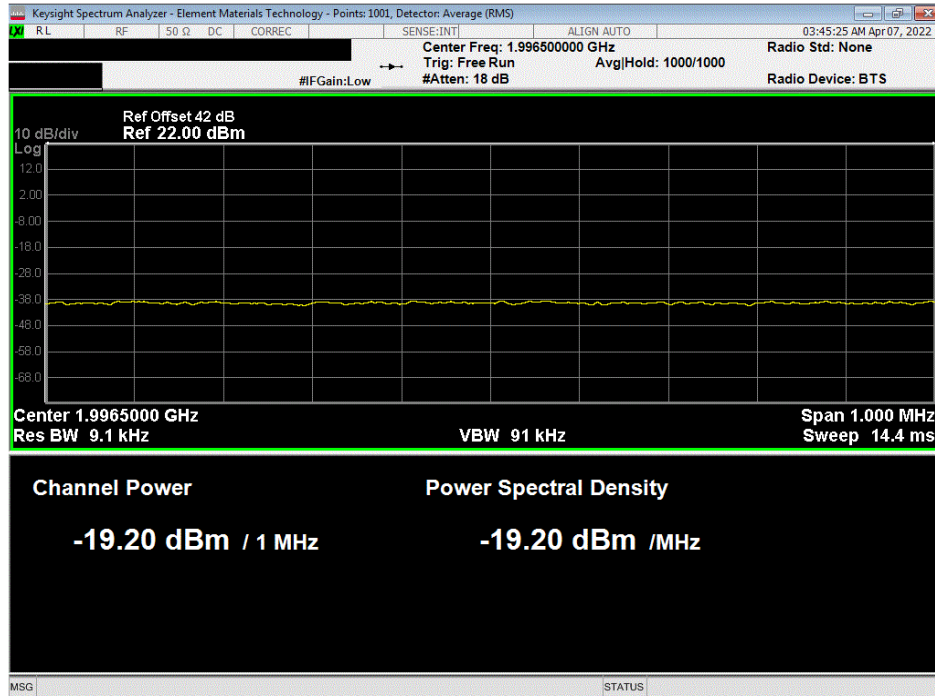


BAND EDGE COMPLIANCE

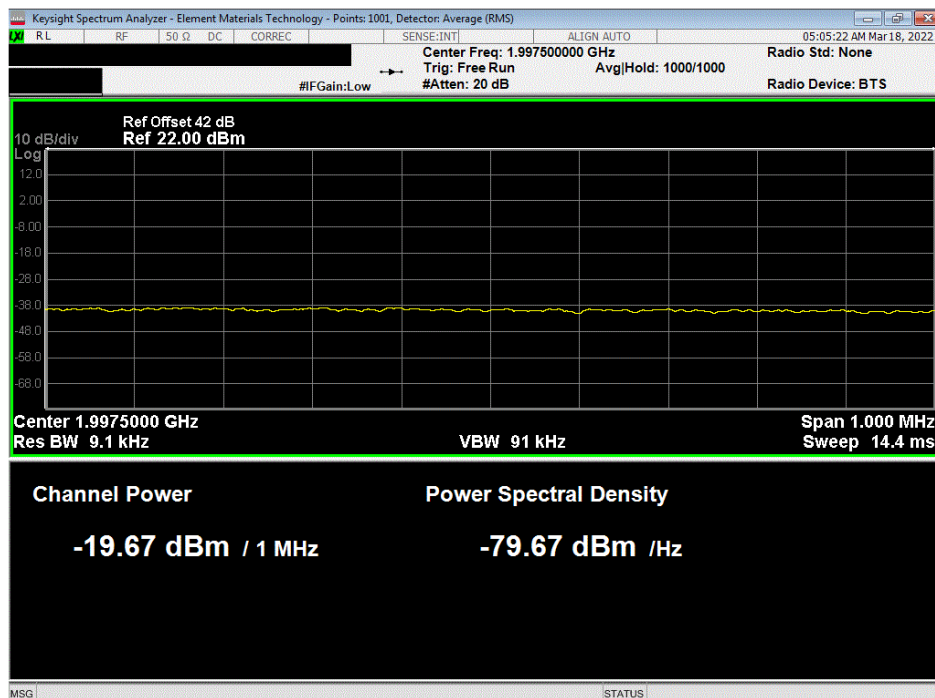


TbTx 2021.12.14.1 XMt 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
2	-19.2	-19	Pass			



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, High Channel, 1980 MHz						
Frequency Range	Max Value (dBm)	Limit < (dBm)	Result			
3	-19.67	-19	Pass			



BAND EDGE COMPLIANCE



TbTx 2021.12.14.1 XMR 2022.02.07.0

Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, High Channel, 1980 MHz						
Frequency Range		Max Value (dBm)		Limit < (dBm)		Result
4		-20.02		-19		Pass

