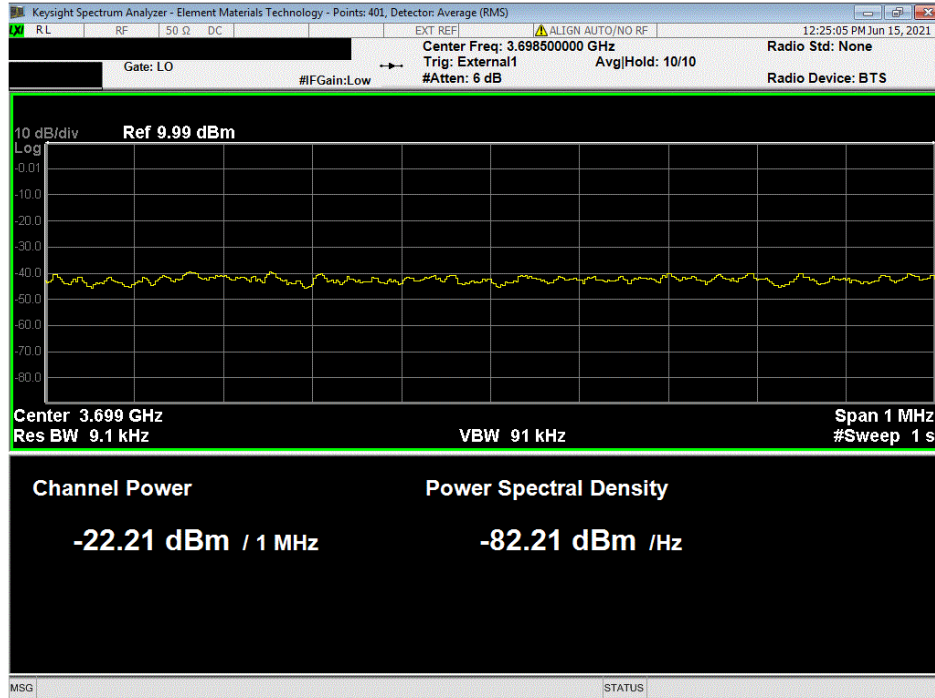


BAND EDGE COMPLIANCE

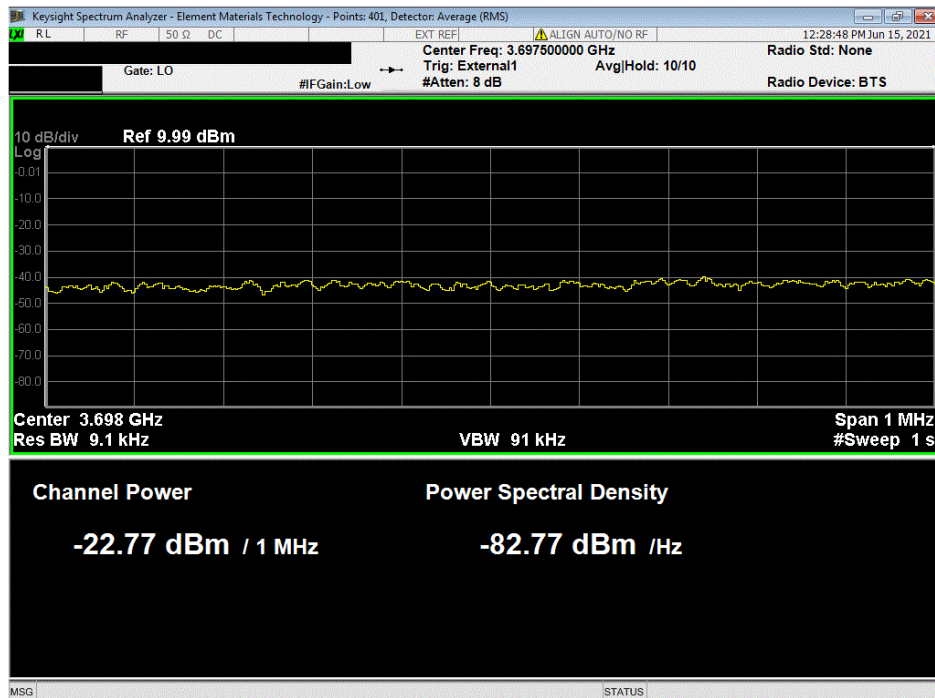


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 64-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-22.21		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 64-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
4			-22.77		-22	Pass

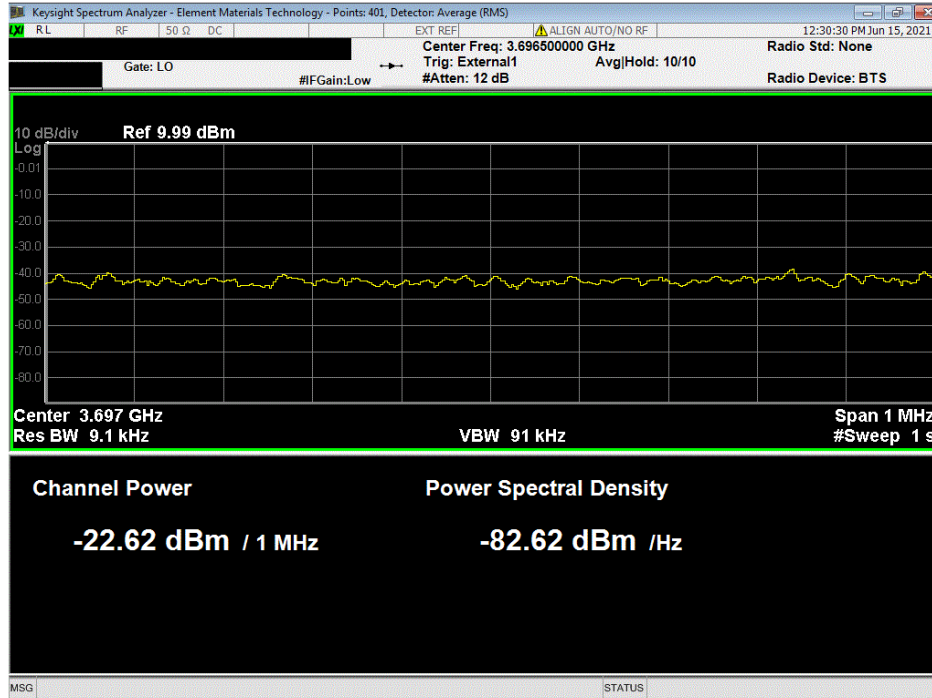


BAND EDGE COMPLIANCE

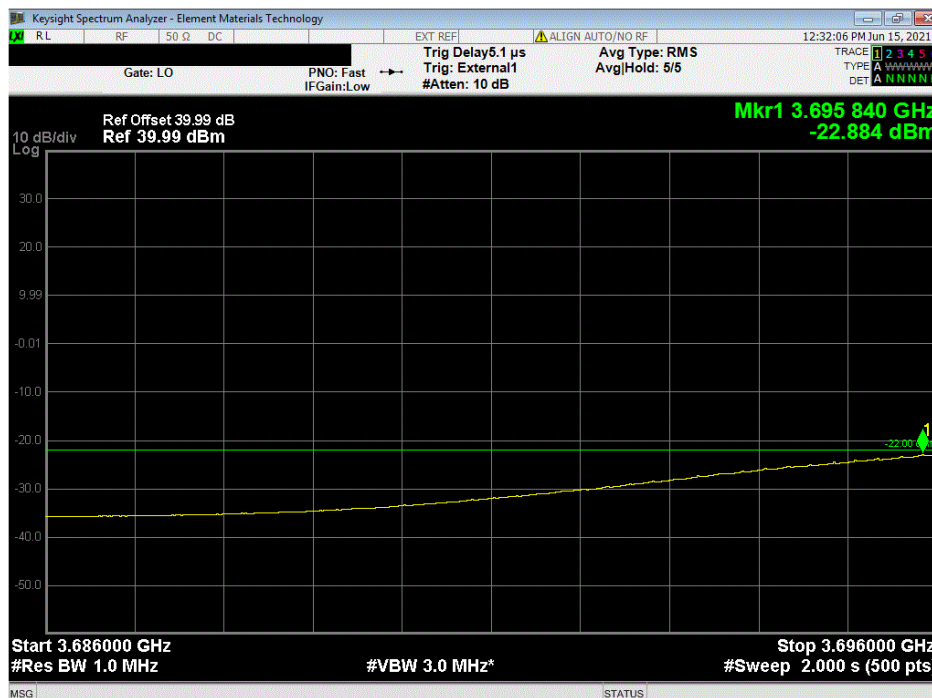


TbTtx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 64-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
5		-22.62		-22	Pass	



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 64-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
6		-22.88		-22	Pass	

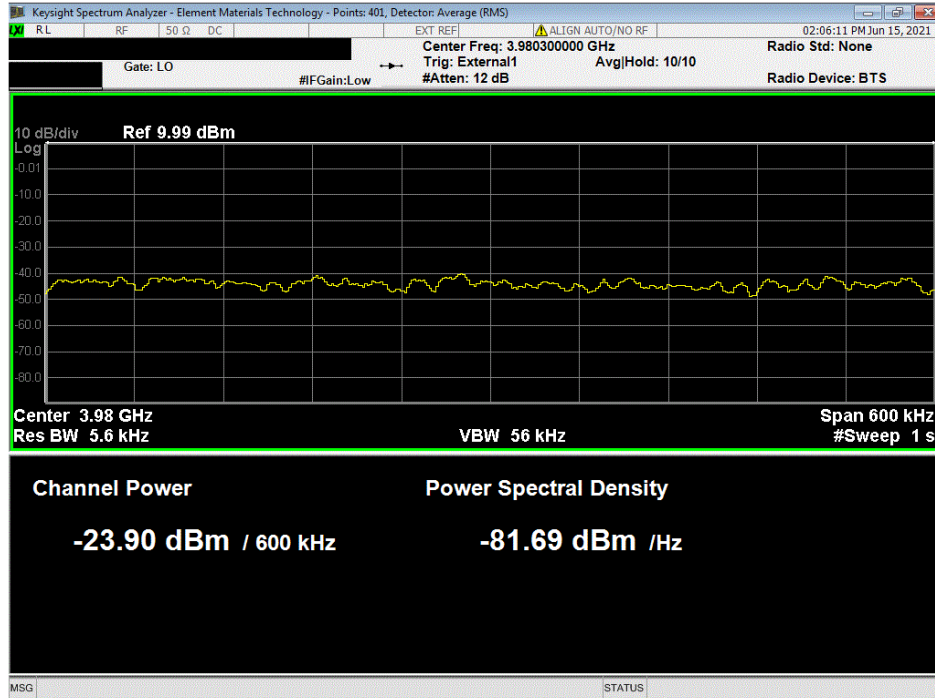


BAND EDGE COMPLIANCE

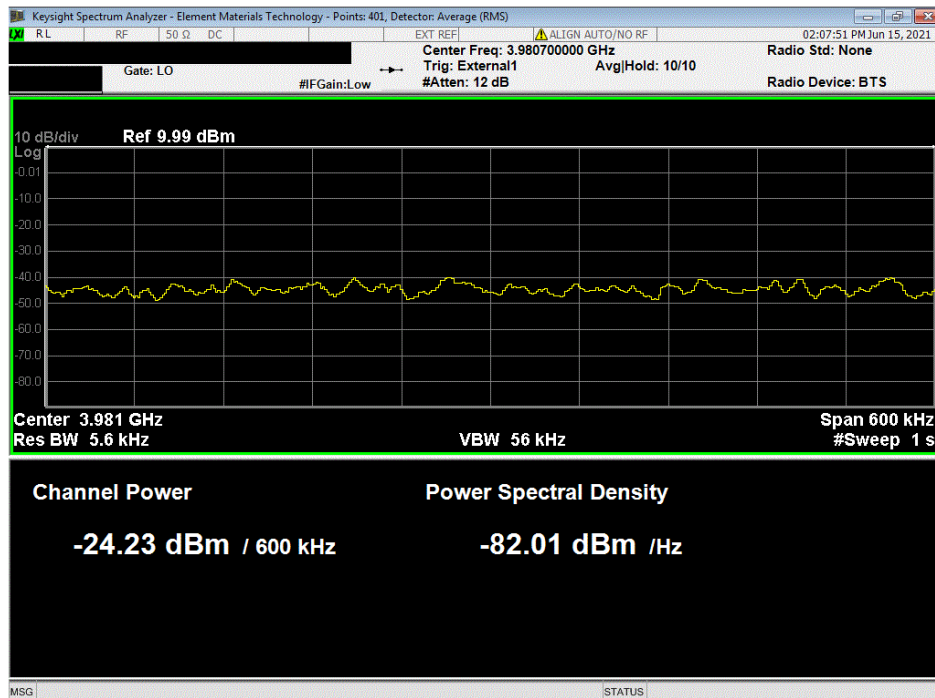


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 64-QAM Modulation, High Ch. 3949.98 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-23.90	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 64-QAM Modulation, High Ch. 3949.98 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-24.23	-22	Pass

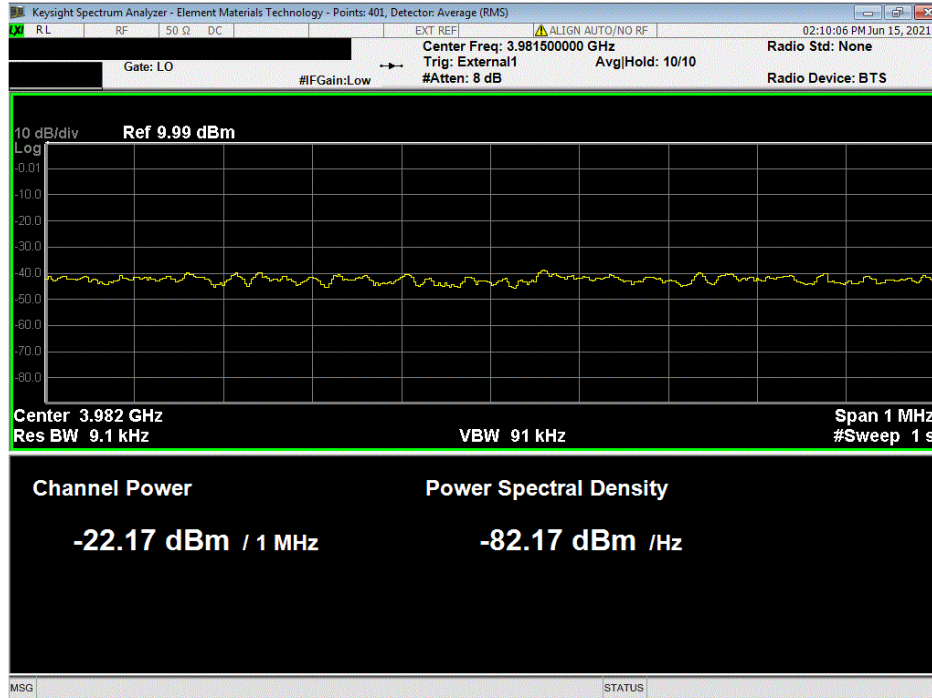


BAND EDGE COMPLIANCE

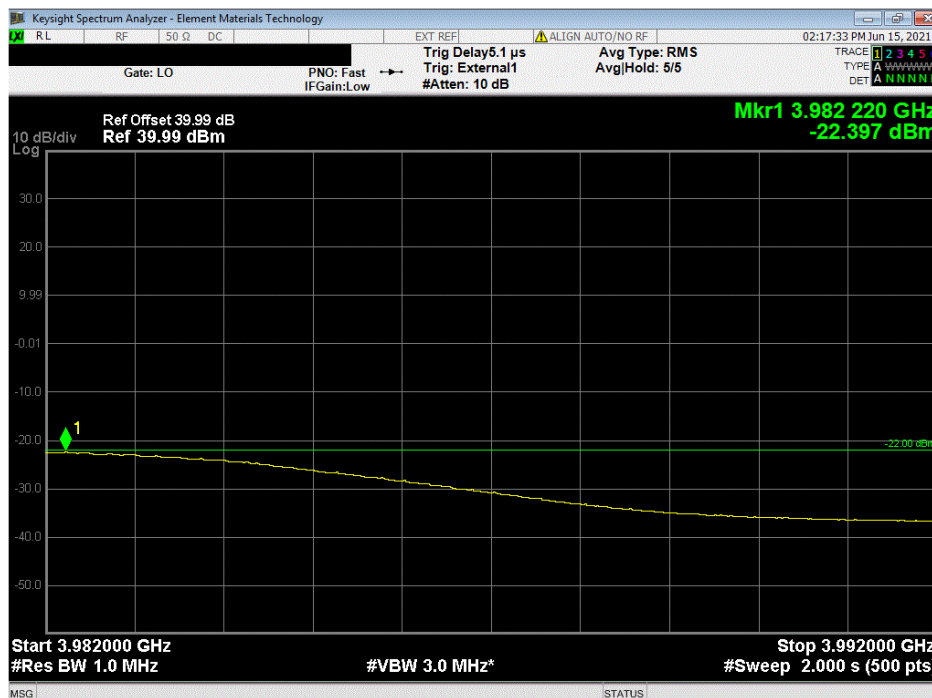


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 64-QAM Modulation, High Ch. 3949.98 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-22.17		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 64-QAM Modulation, High Ch. 3949.98 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
4			-22.40		-22	Pass

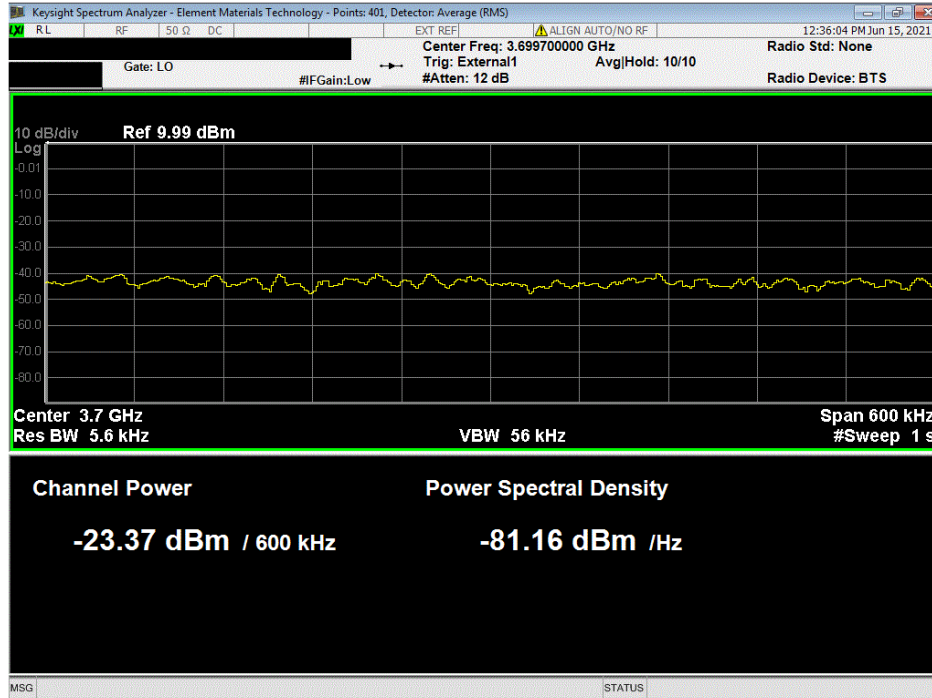


BAND EDGE COMPLIANCE

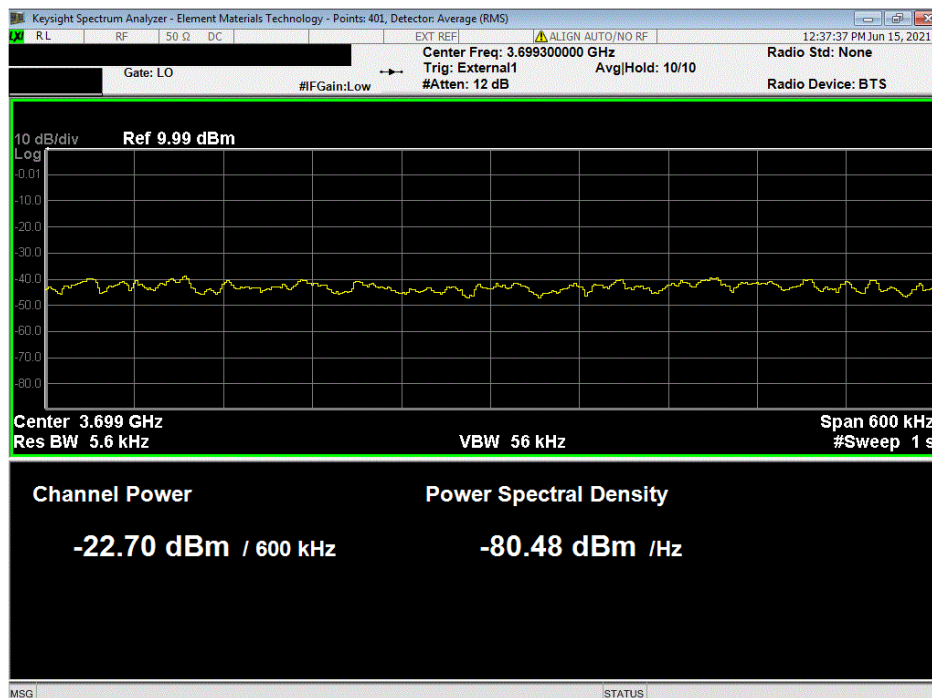


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
1				-23.37	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
2				-22.70	-22	Pass

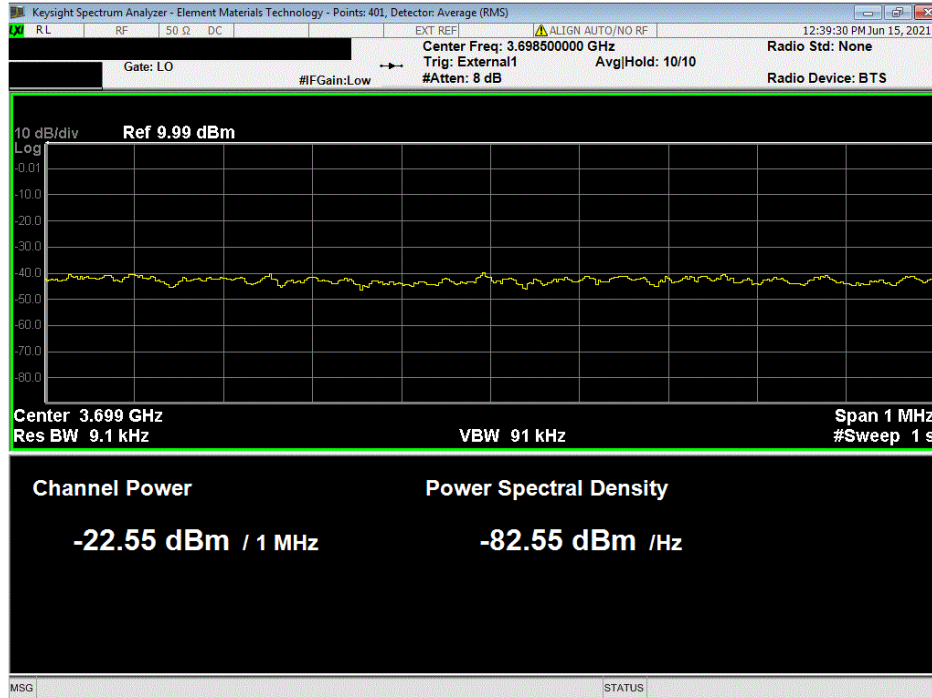


BAND EDGE COMPLIANCE

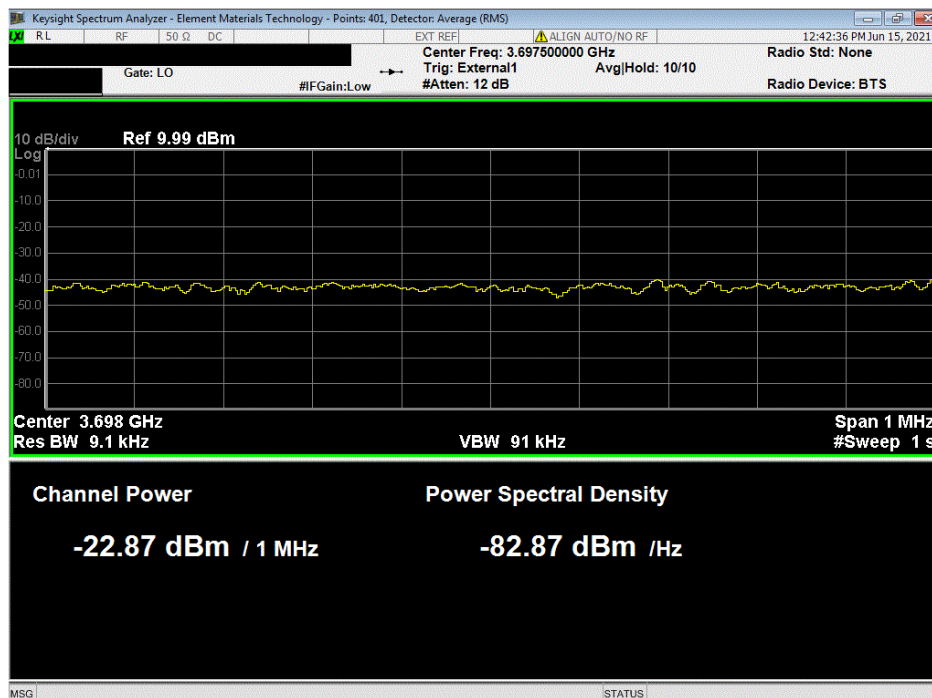


TbTx 2021.03.19.1 XM8 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
			3	-22.55	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
			4	-22.87	-22	Pass

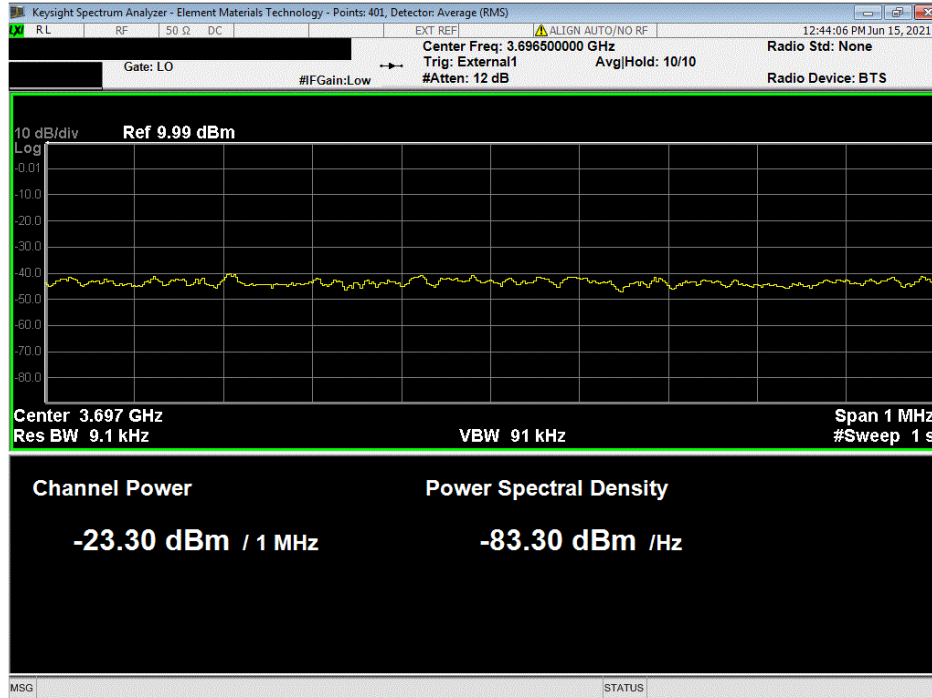


BAND EDGE COMPLIANCE

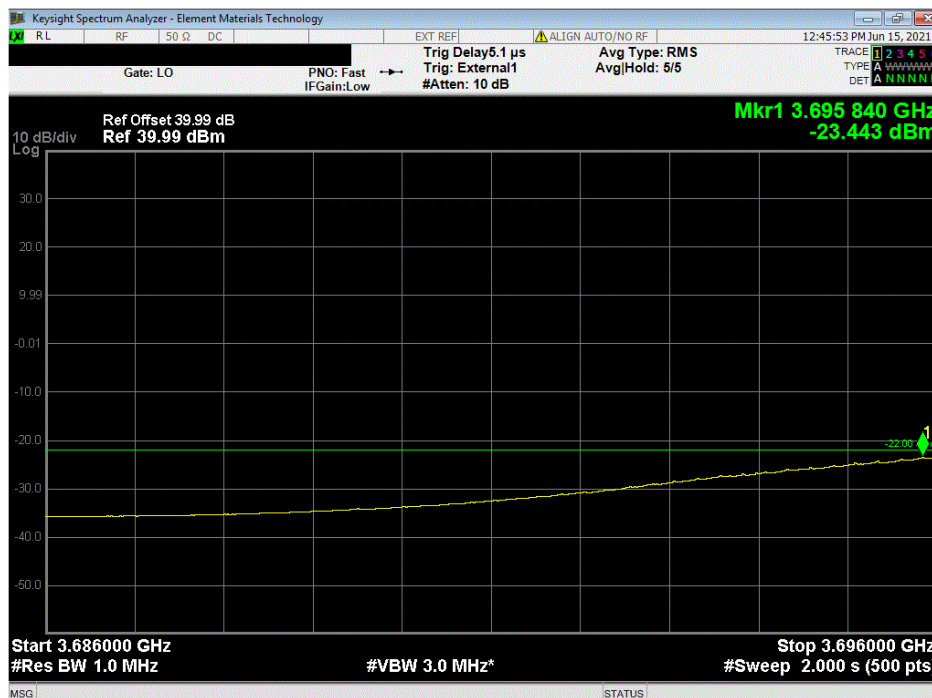


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
5		-23.30		-22	Pass	



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, Low Ch. 3730.02 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
6		-23.44		-22	Pass	

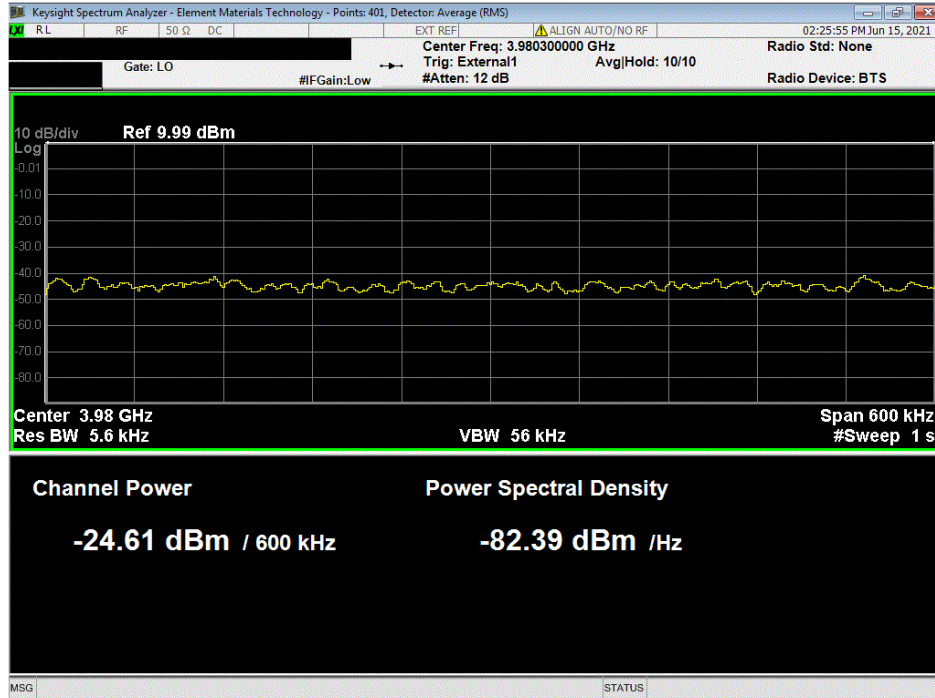


BAND EDGE COMPLIANCE

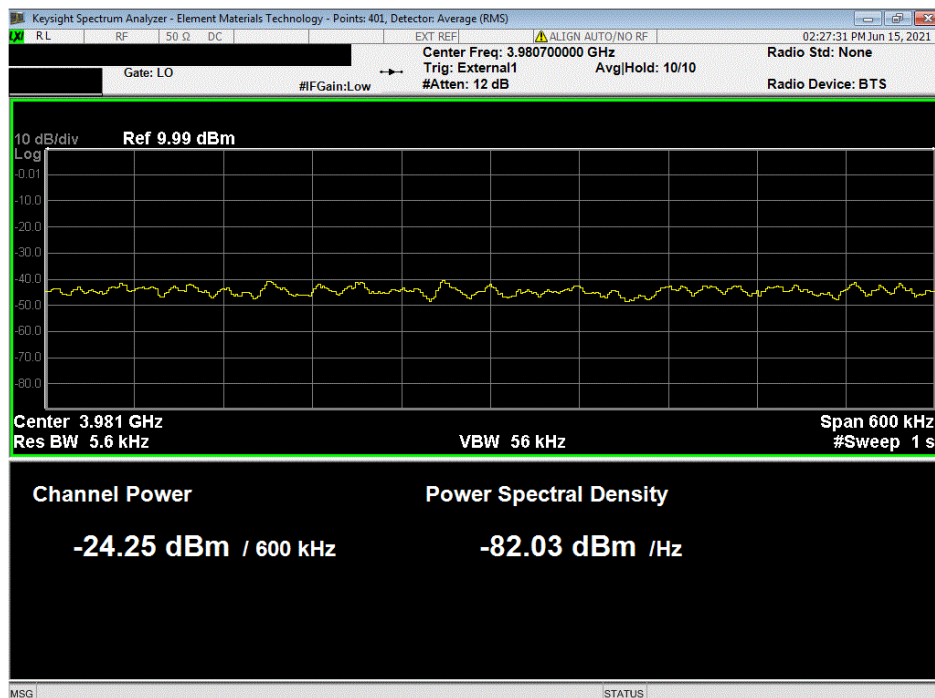


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, High Ch. 3949.98 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
	1			-24.61	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, High Ch. 3949.98 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
	2			-24.25	-22	Pass

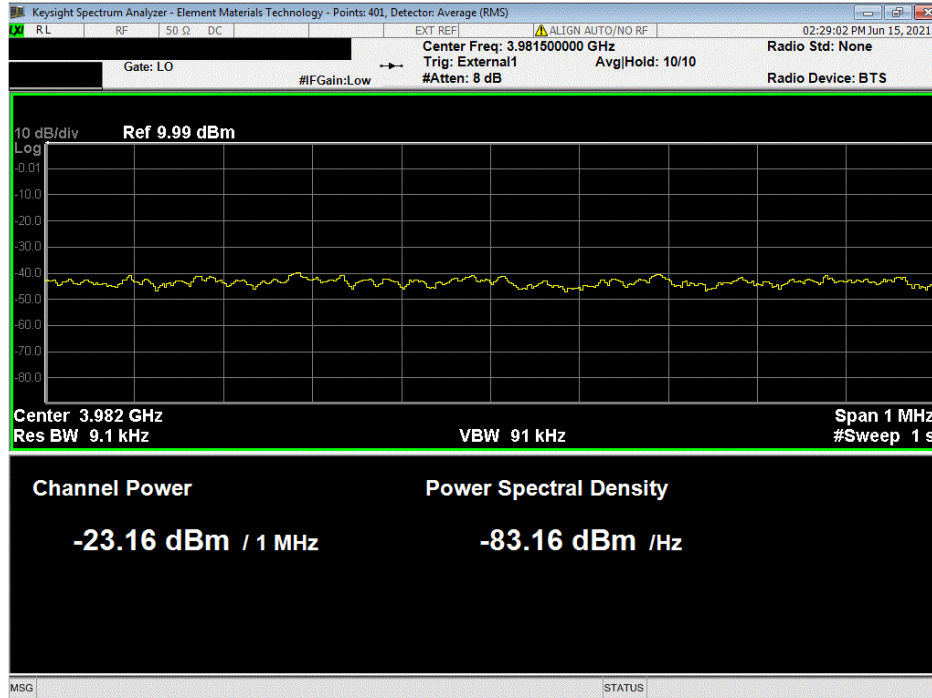


BAND EDGE COMPLIANCE

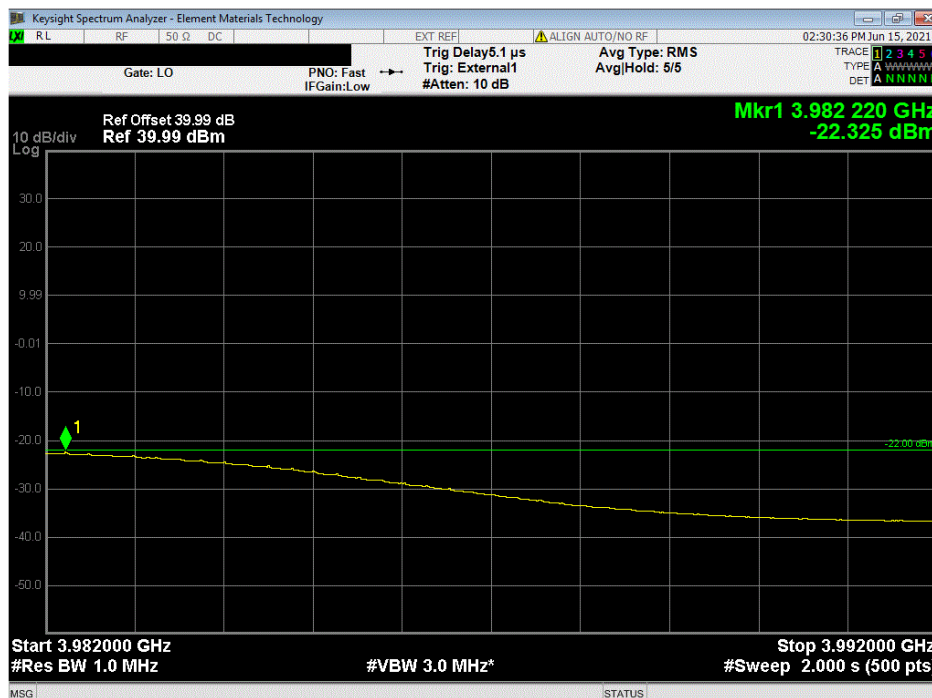


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, High Ch. 3949.98 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-23.16		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 60 MHz BW, 256-QAM Modulation, High Ch. 3949.98 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
4			-22.33		-22	Pass

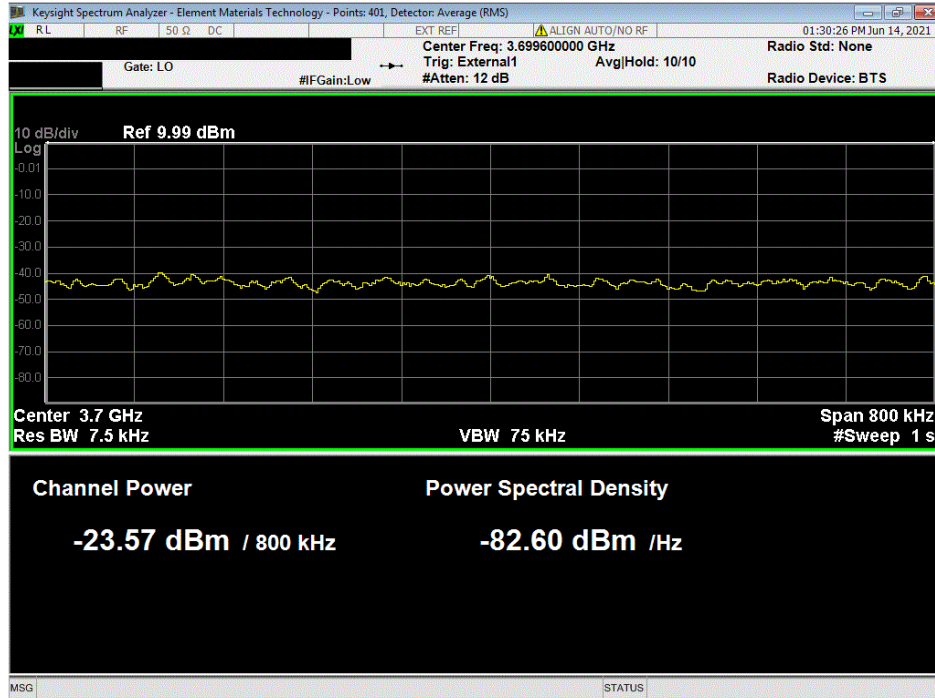


BAND EDGE COMPLIANCE

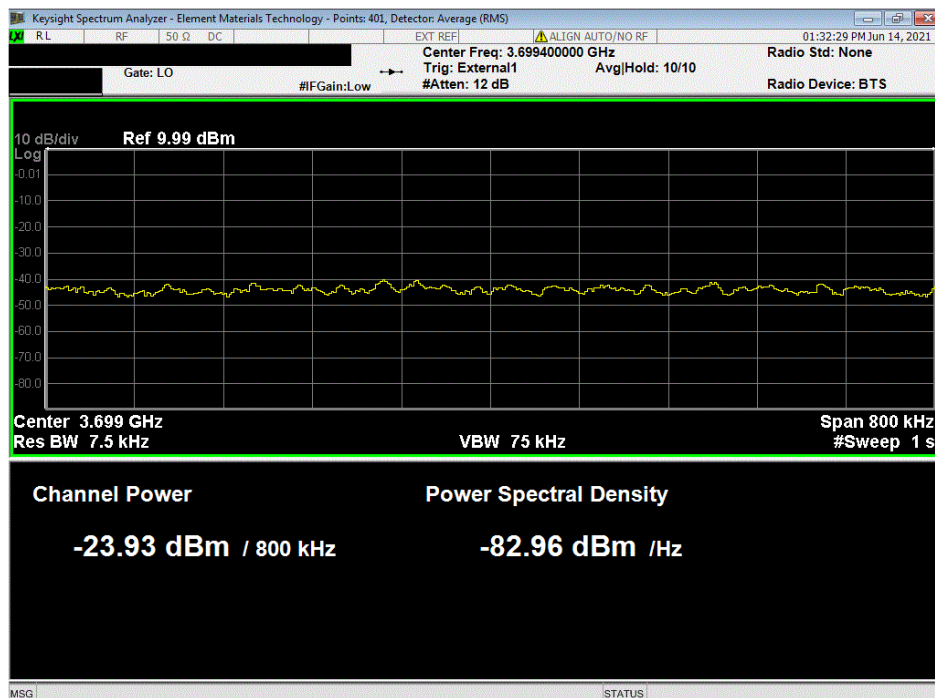


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, QPSK Modulation, Low Ch. 3740.01 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-23.57	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, QPSK Modulation, Low Ch. 3740.01 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-23.93	-22	Pass

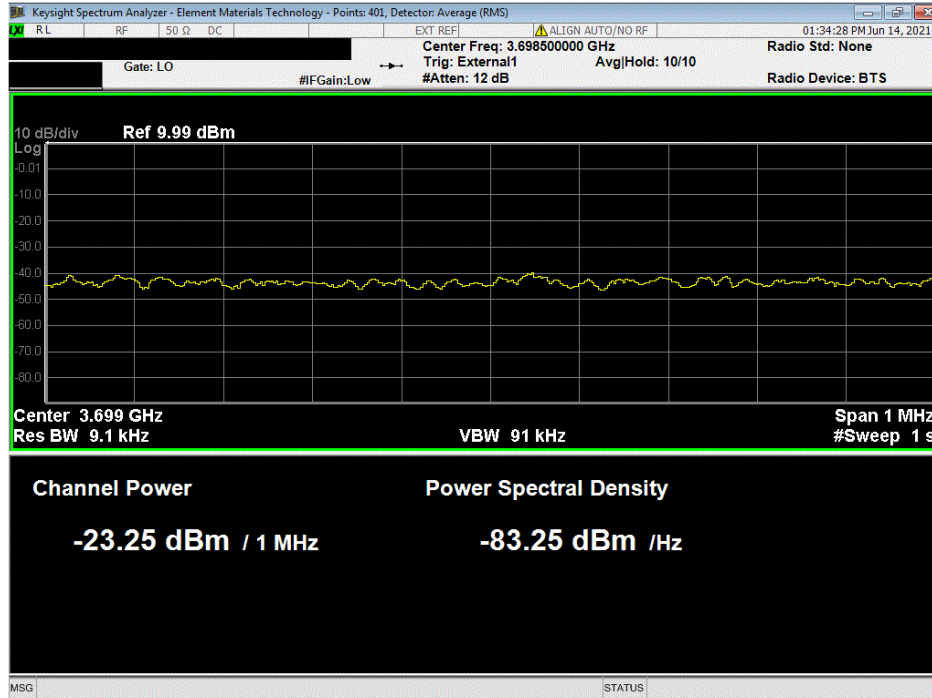


BAND EDGE COMPLIANCE

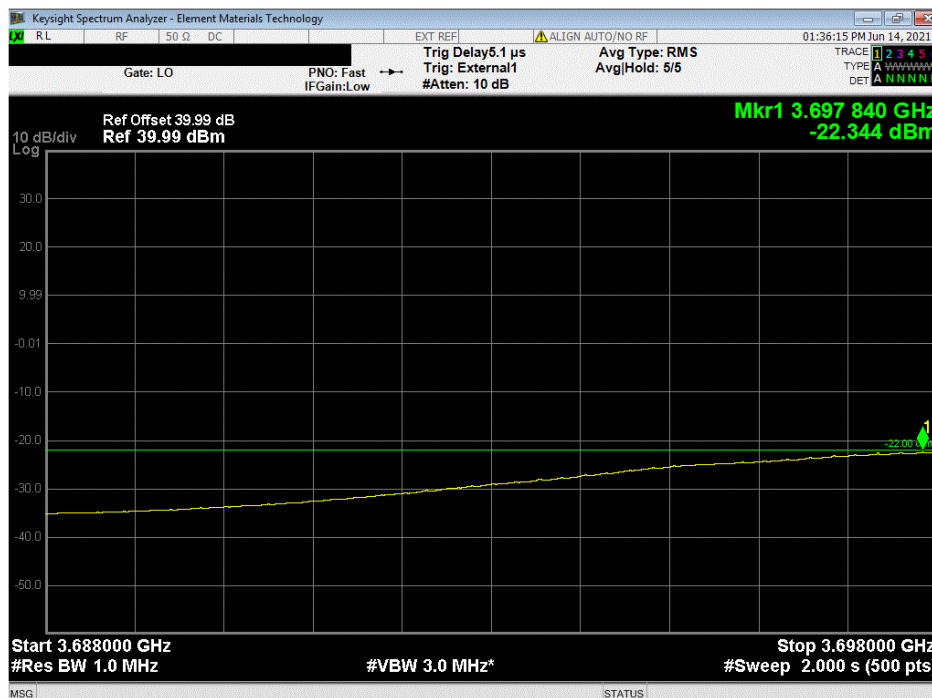


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, QPSK Modulation, Low Ch. 3740.01 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
3		-23.25		-22	Pass	



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, QPSK Modulation, Low Ch. 3740.01 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
4		-22.34		-22	Pass	

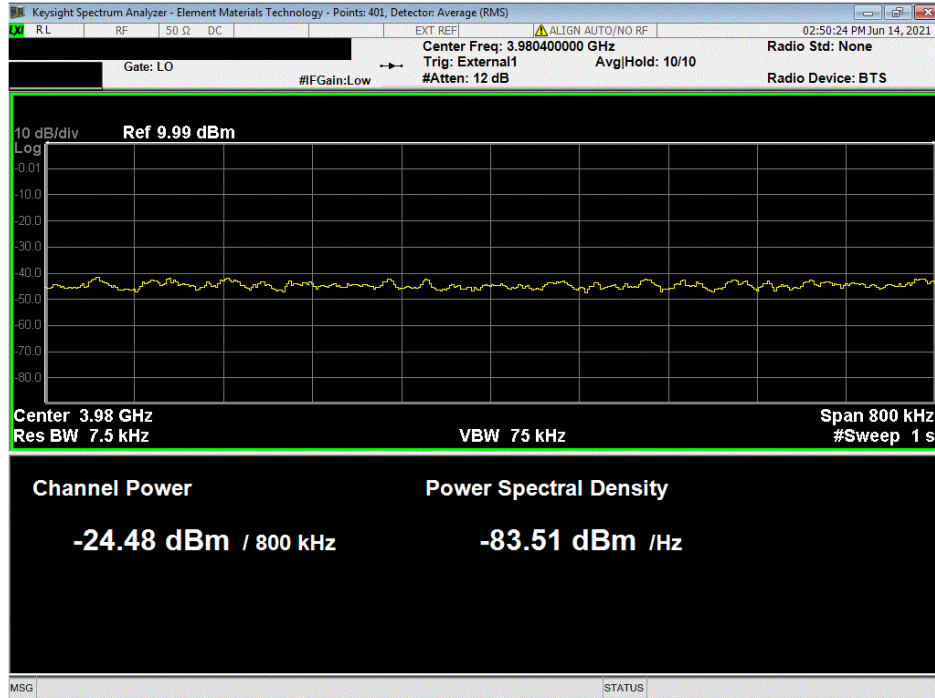


BAND EDGE COMPLIANCE

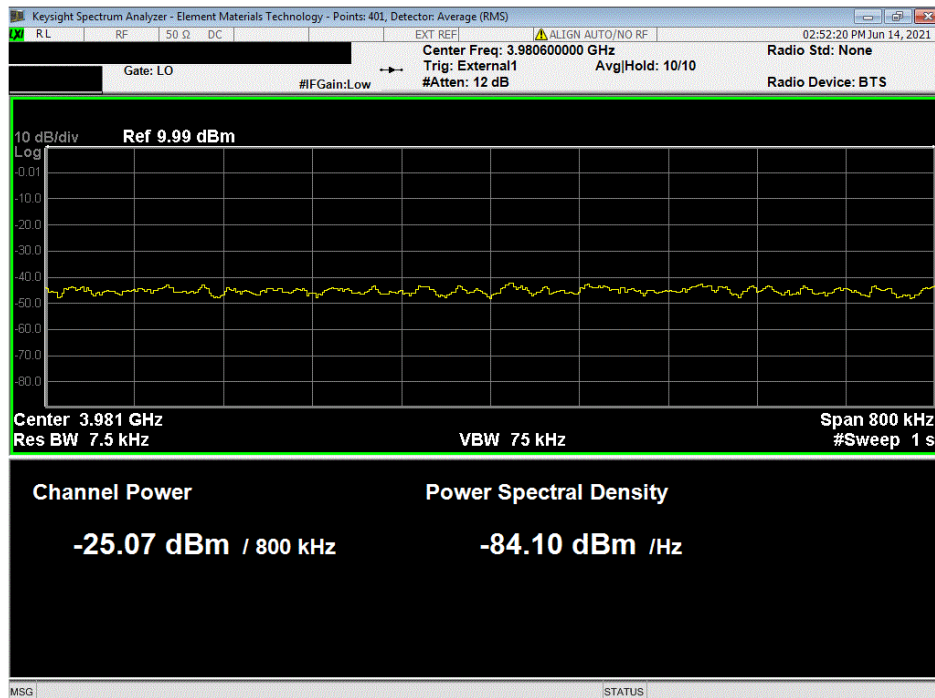


TbTtx 2021.03.19.1 XM8 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, QPSK Modulation, High Ch. 3939.99 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-24.48	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, QPSK Modulation, High Ch. 3939.99 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-25.07	-22	Pass

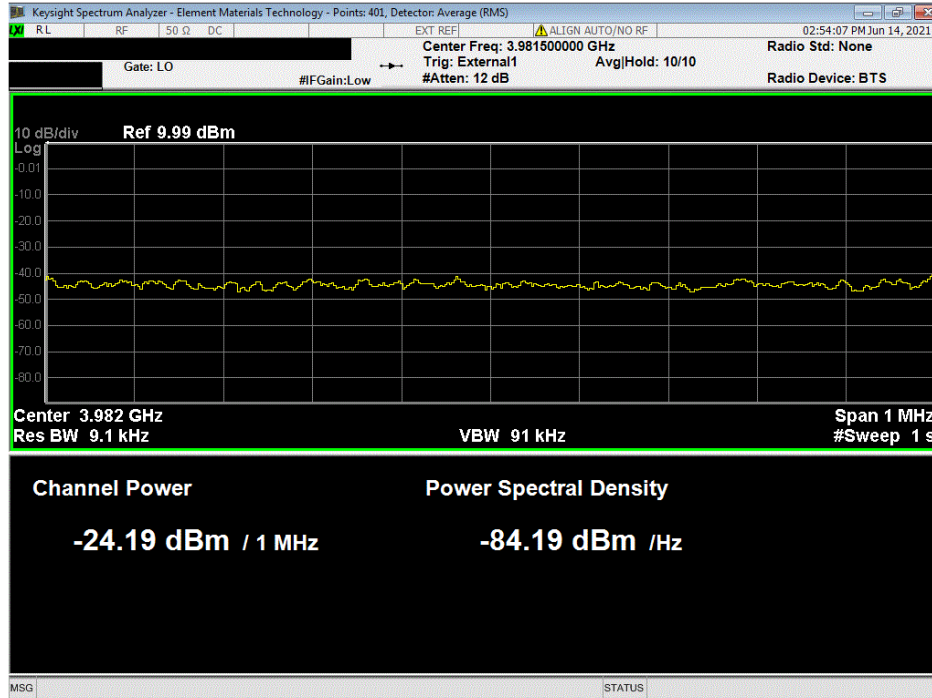


BAND EDGE COMPLIANCE

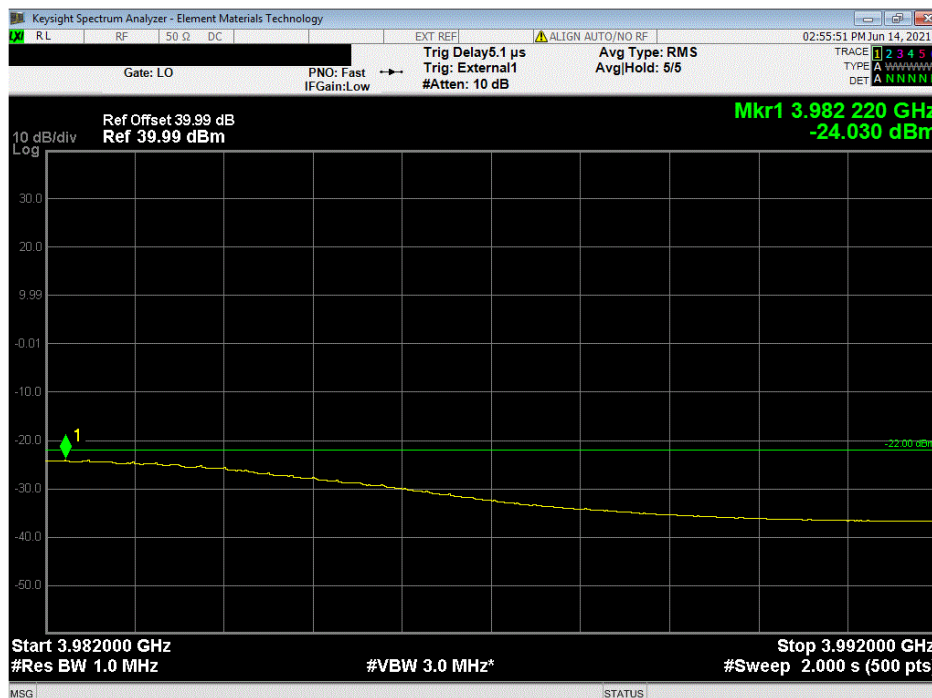


TbTtx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, QPSK Modulation, High Ch. 3939.99 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-24.19		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, QPSK Modulation, High Ch. 3939.99 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
4			-24.03		-22	Pass

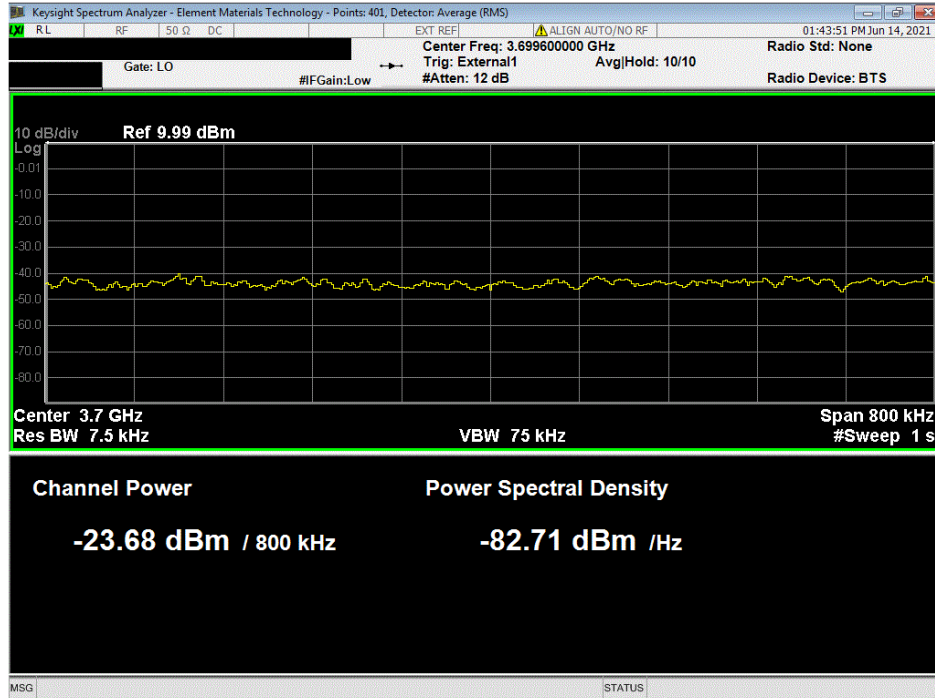


BAND EDGE COMPLIANCE

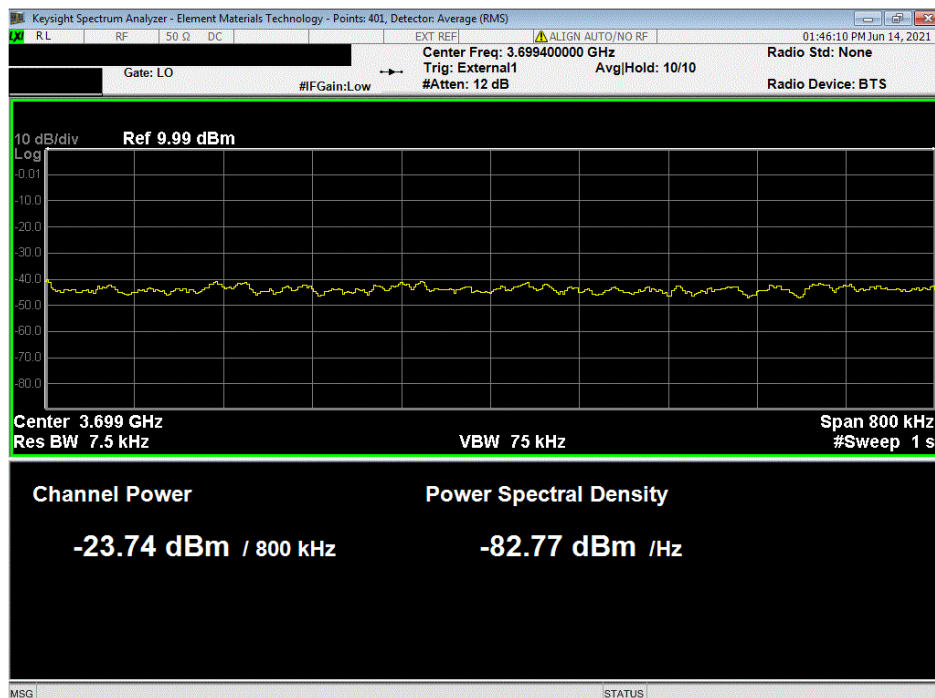


TbTx 2021.03.19.1 XMt 2020.12.30.0

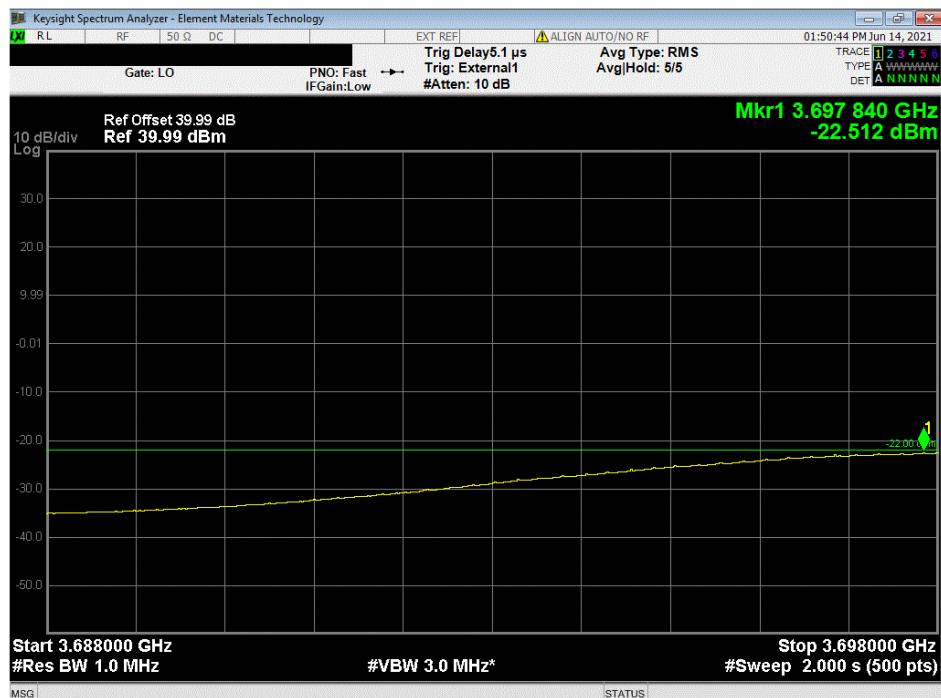
Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 16-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-23.68	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 16-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-23.74	-22	Pass



Pass

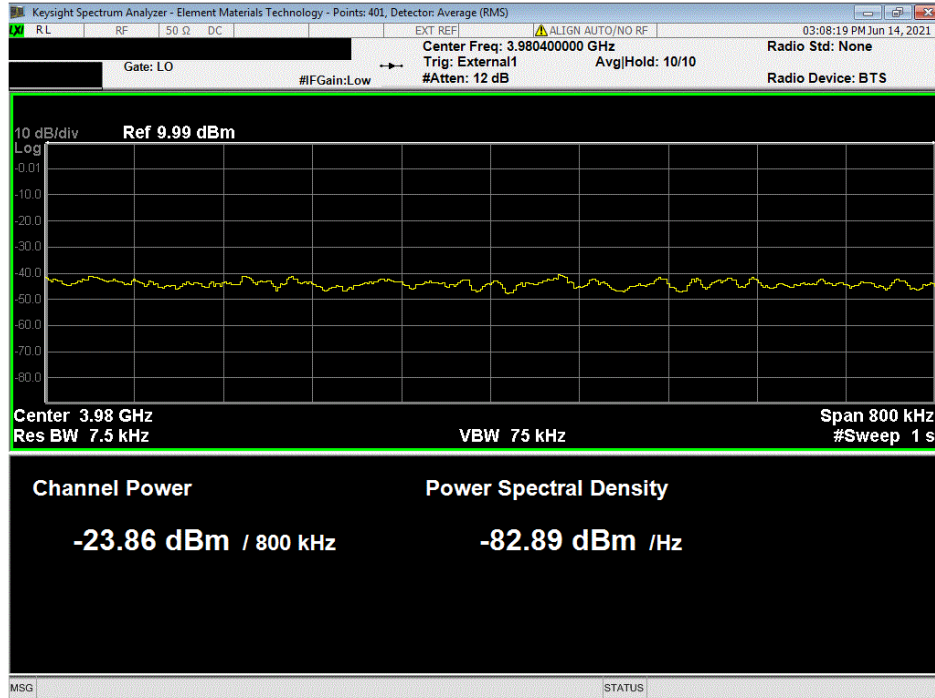


BAND EDGE COMPLIANCE

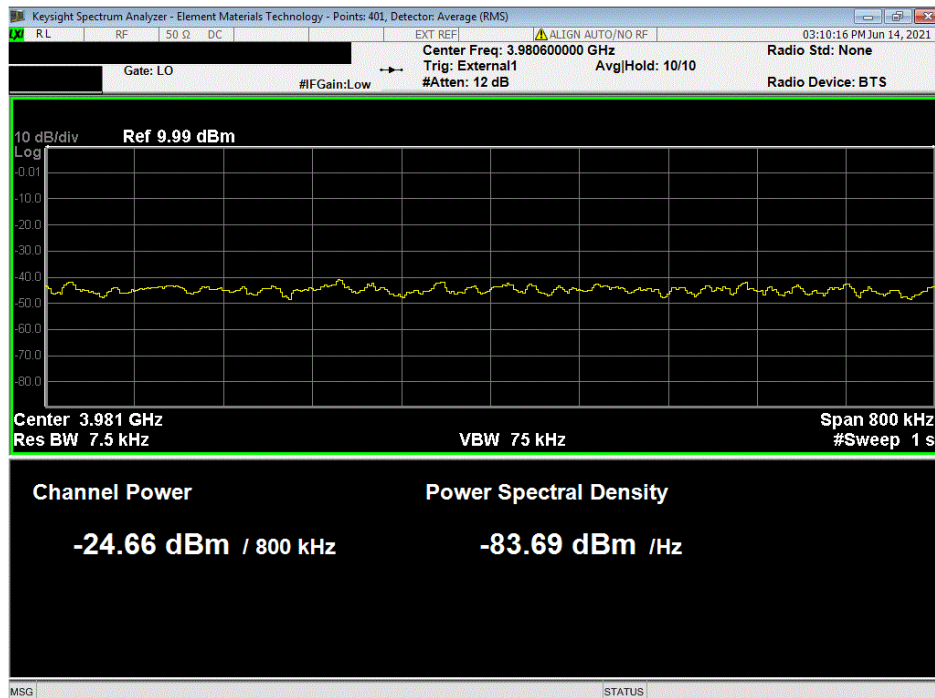


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 16-QAM Modulation, High Ch. 3939.99 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
1				-23.86	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 16-QAM Modulation, High Ch. 3939.99 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
2				-24.66	-22	Pass

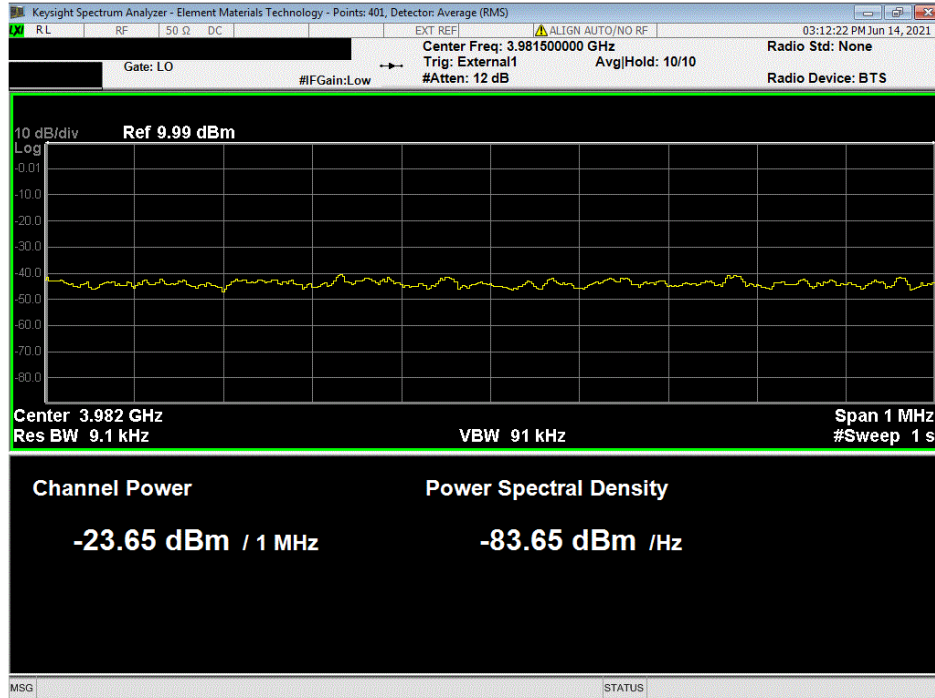


BAND EDGE COMPLIANCE

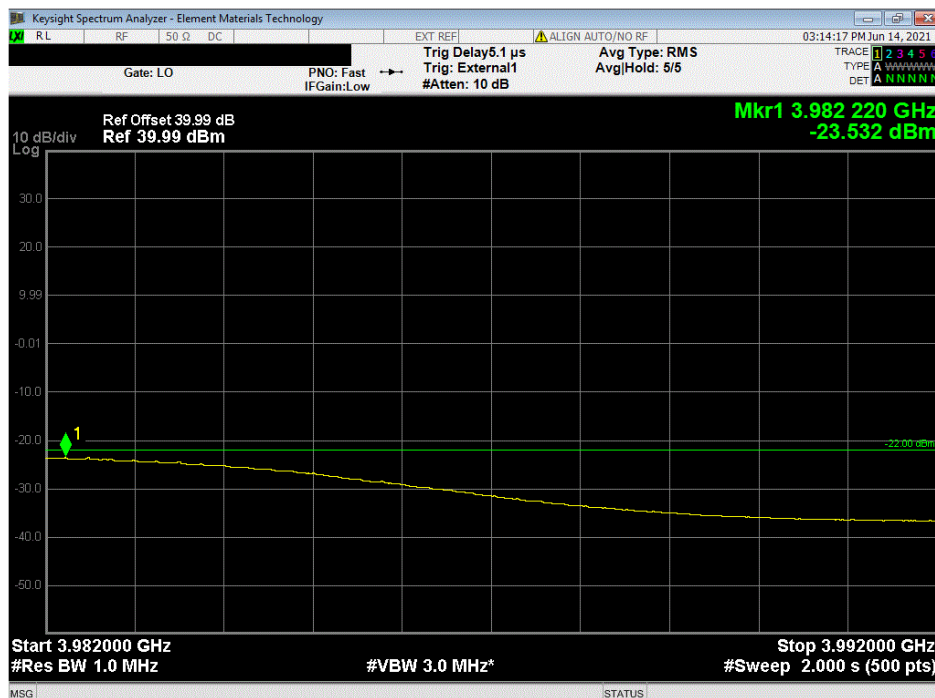


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 16-QAM Modulation, High Ch. 3939.99 MHz									
Frequency				Value (dBm)		Limit (dBm)		Result	
Range									
		3			-23.65		-22		Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 16-QAM Modulation, High Ch. 3939.99 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	4			-23.53	-22	Pass

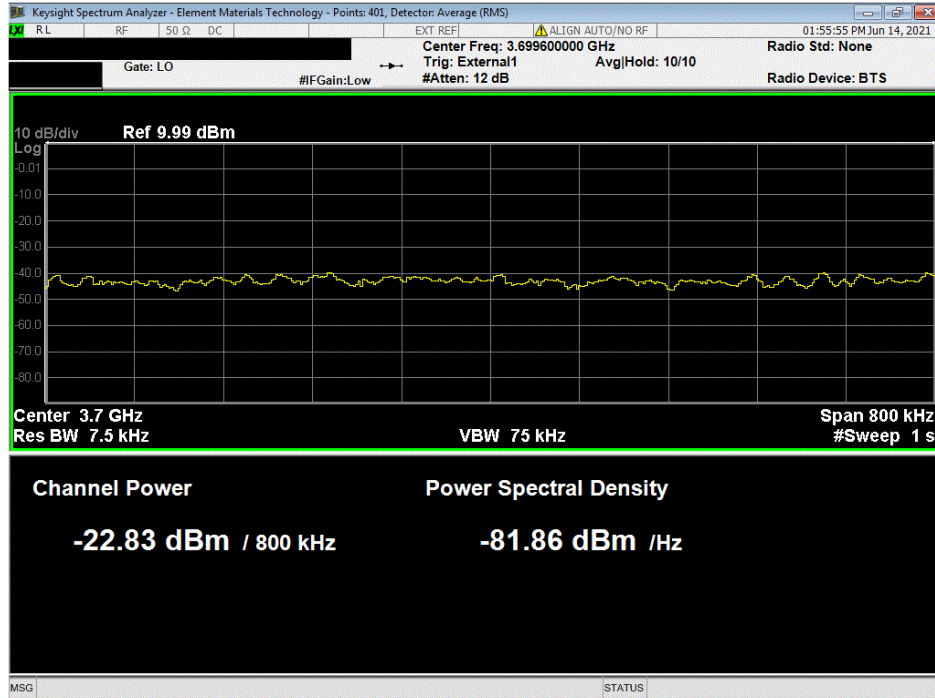


BAND EDGE COMPLIANCE

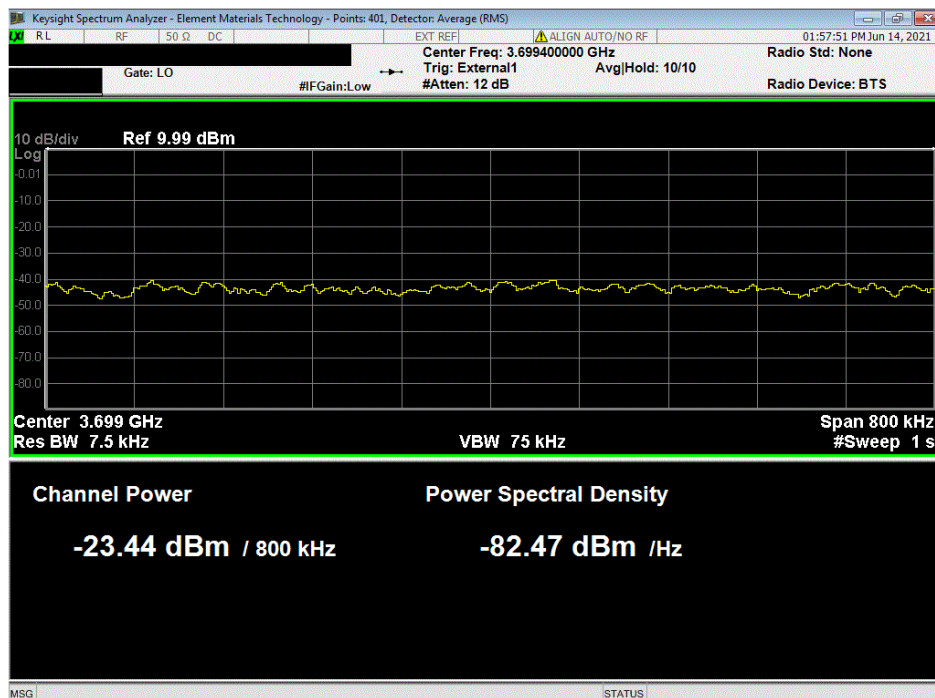


TbTtx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 64-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-22.83	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 64-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-23.44	-22	Pass

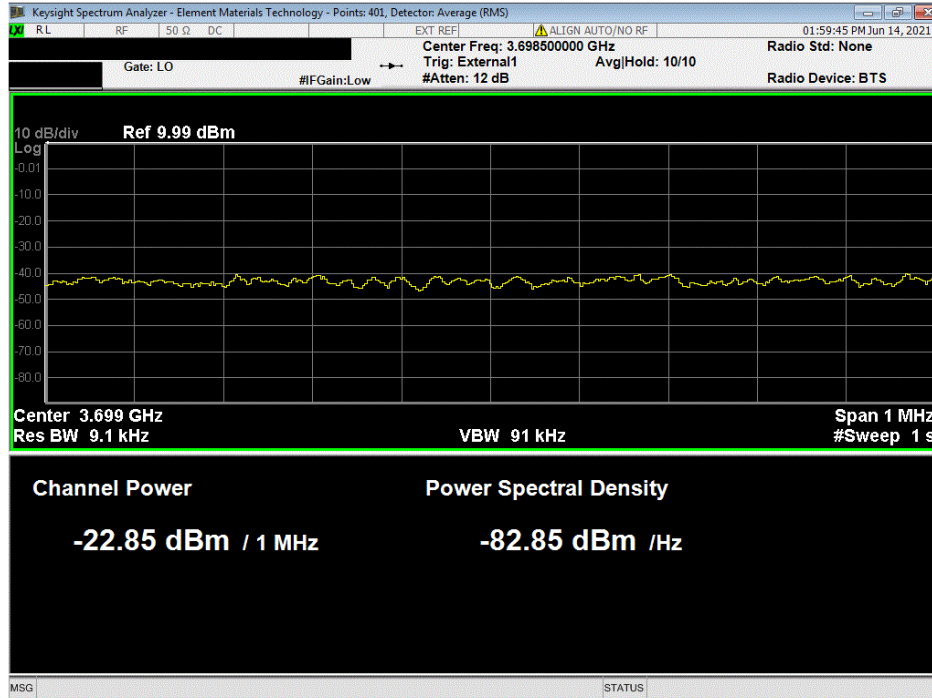


BAND EDGE COMPLIANCE

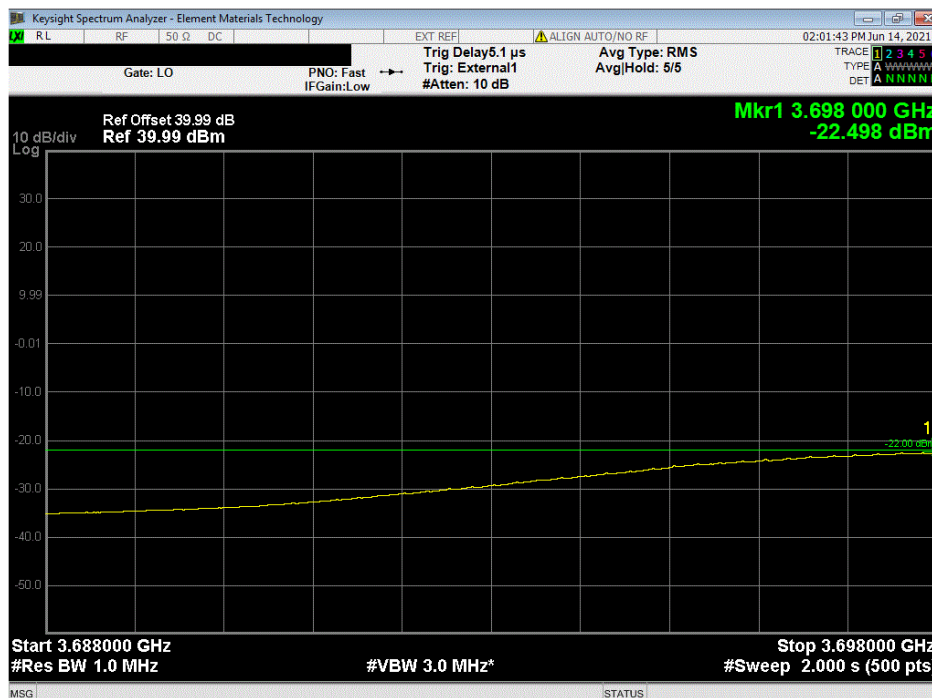


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 64-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
3		-22.85		-22	Pass	



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 64-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
4		-22.50		-22	Pass	

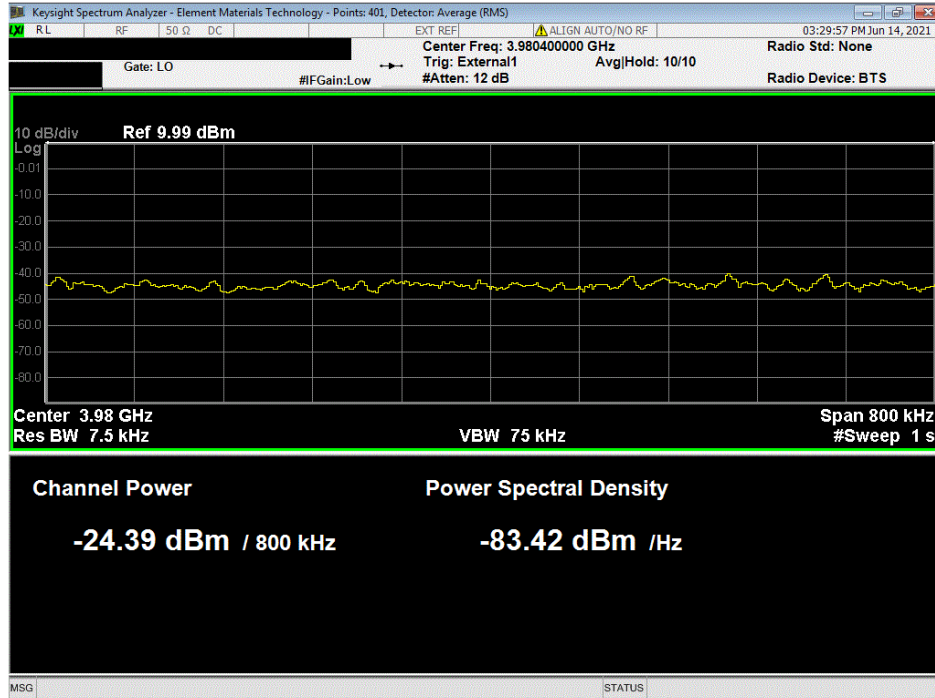


BAND EDGE COMPLIANCE

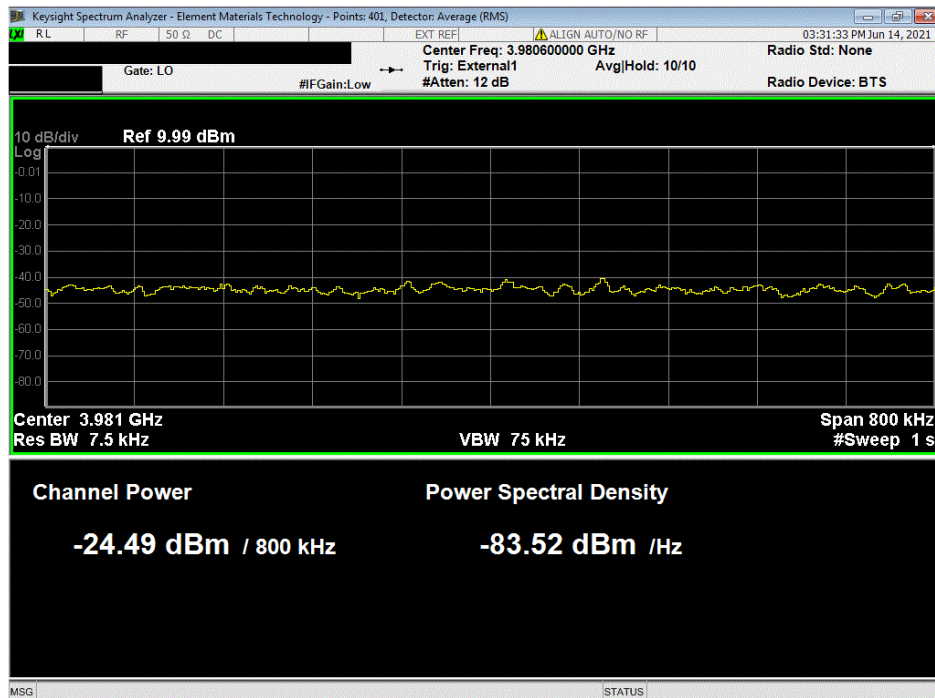


TbTx 2021.03.19.1 XMt 2020.12.30.0

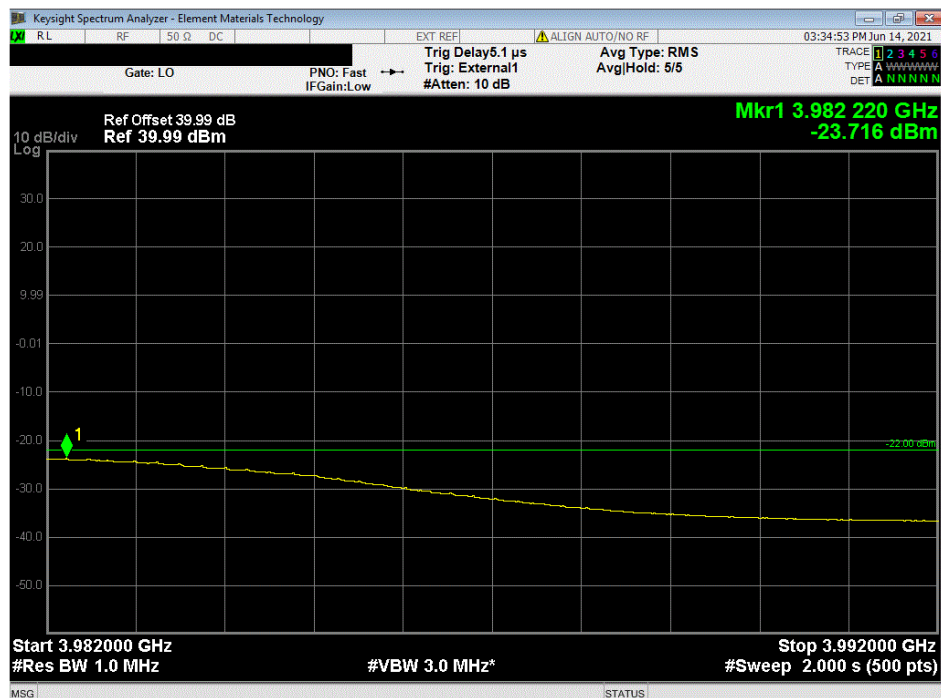
Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 64-QAM Modulation, High Ch. 3939.99 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-24.39	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 64-QAM Modulation, High Ch. 3939.99 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-24.49	-22	Pass



Pass

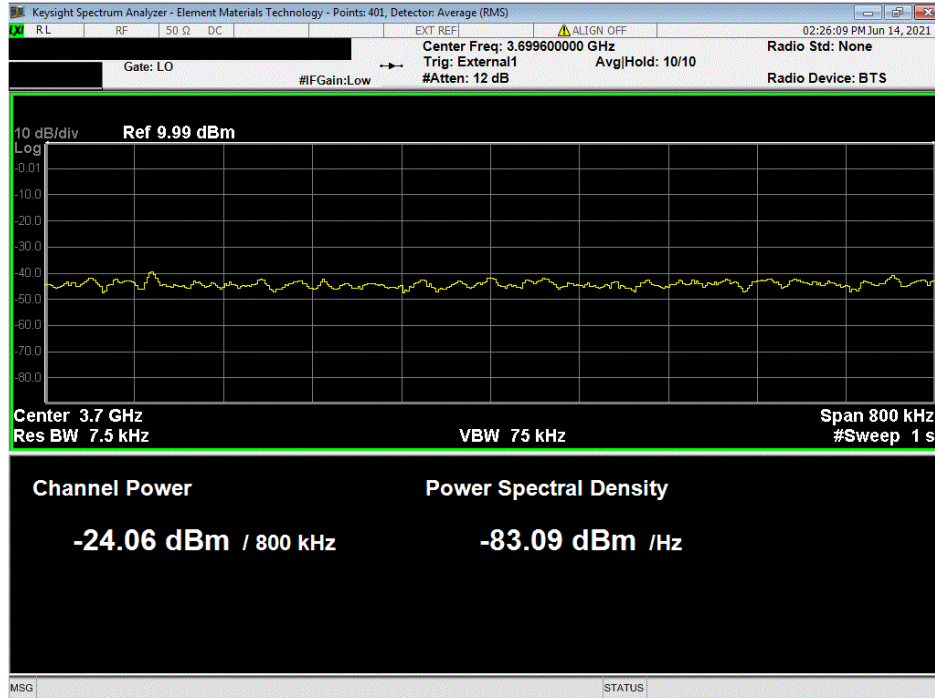


BAND EDGE COMPLIANCE

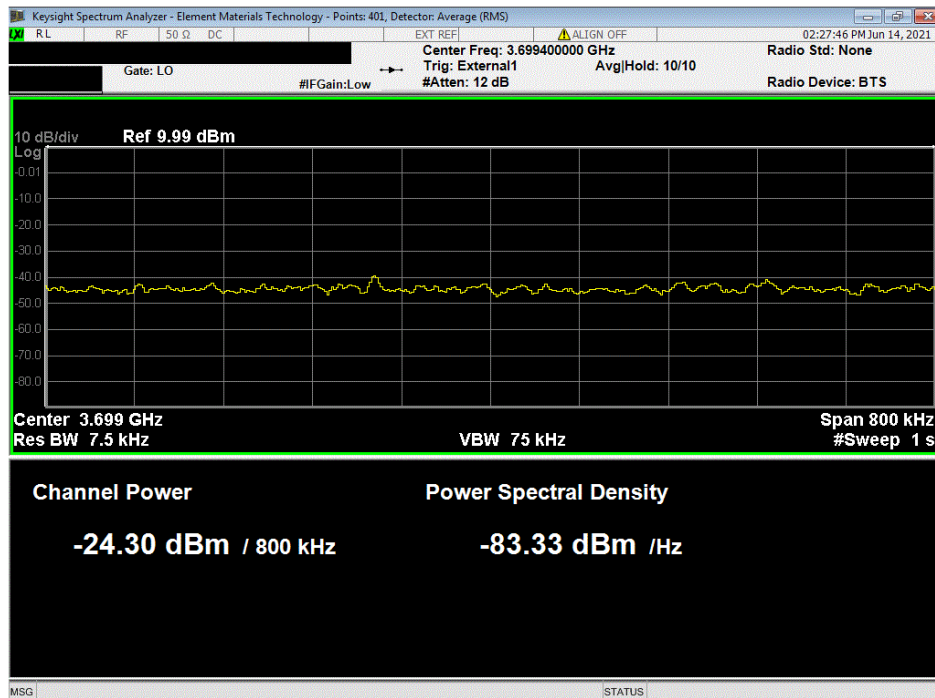


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 256-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-24.06	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 256-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-24.30	-22	Pass

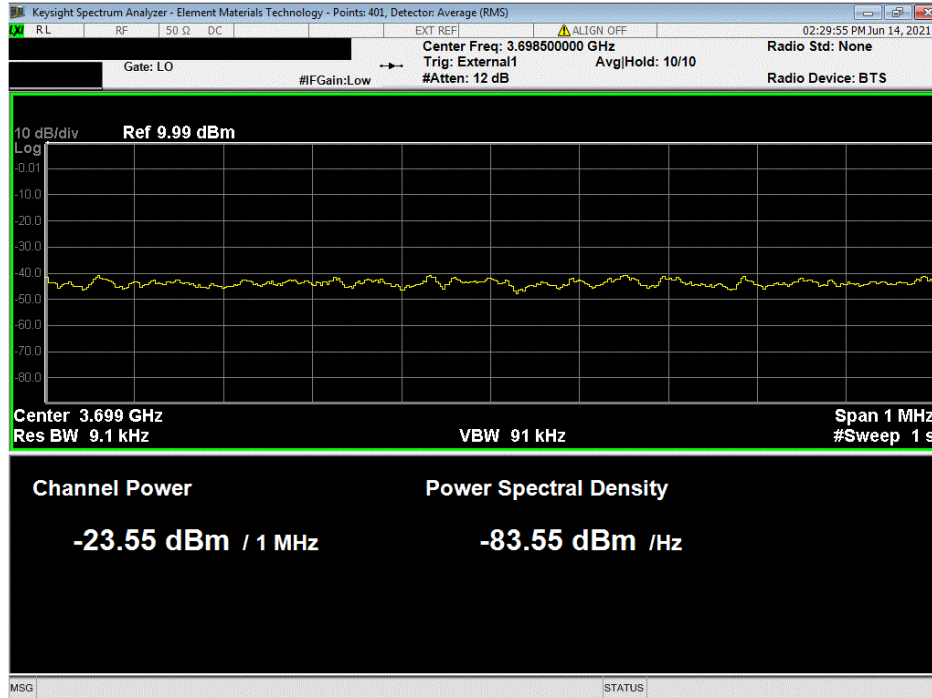


BAND EDGE COMPLIANCE

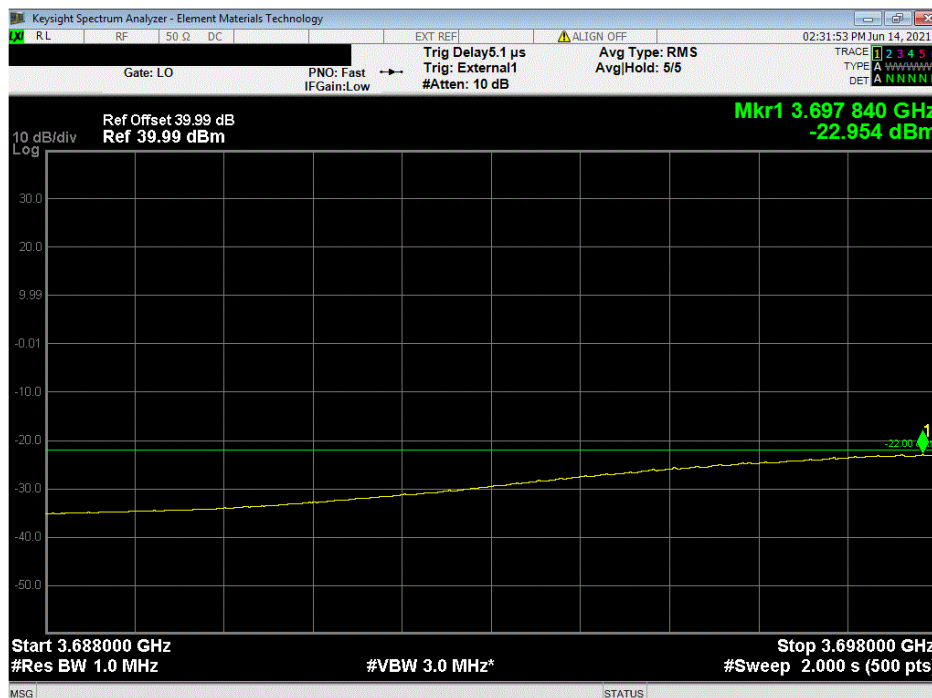


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 256-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-23.55		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 256-QAM Modulation, Low Ch. 3740.01 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
4			-22.95		-22	Pass

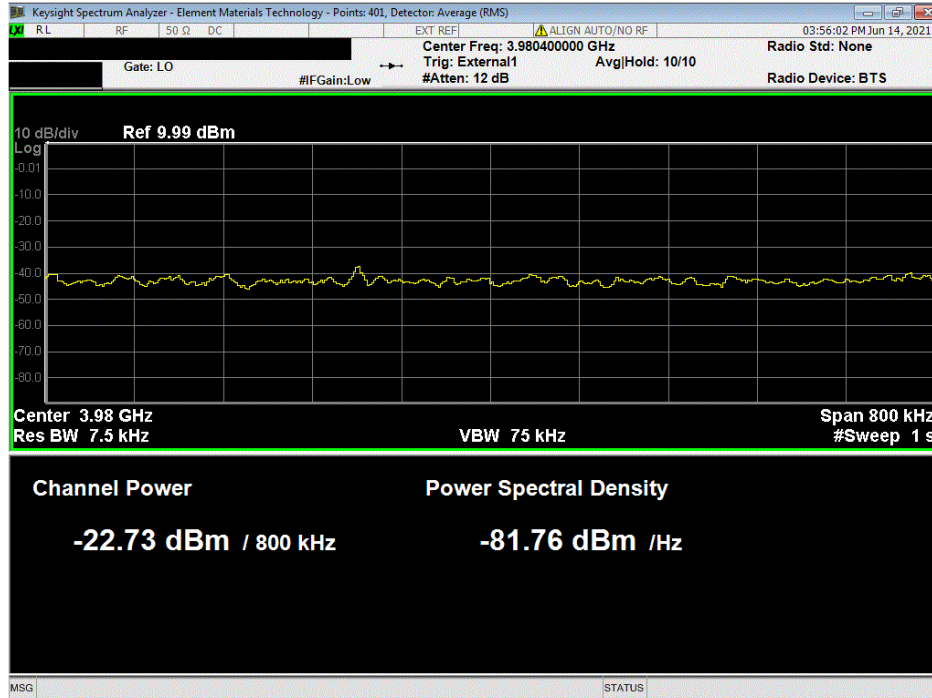


BAND EDGE COMPLIANCE

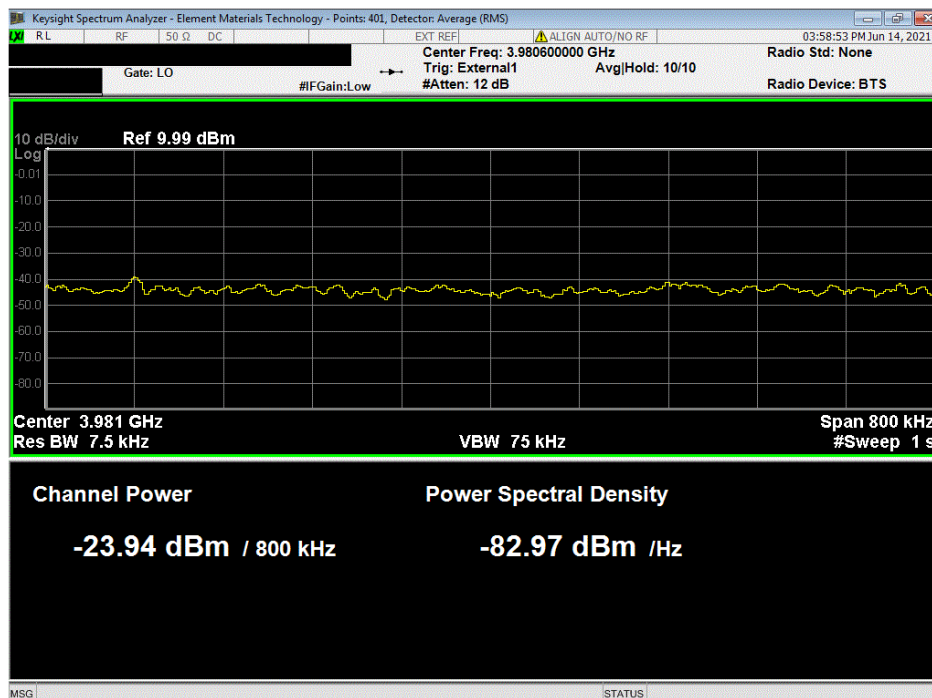


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 256-QAM Modulation, High Ch. 3939.99 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
	1		-22.73		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 256-QAM Modulation, High Ch. 3939.99 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
	2		-23.94		-22	Pass

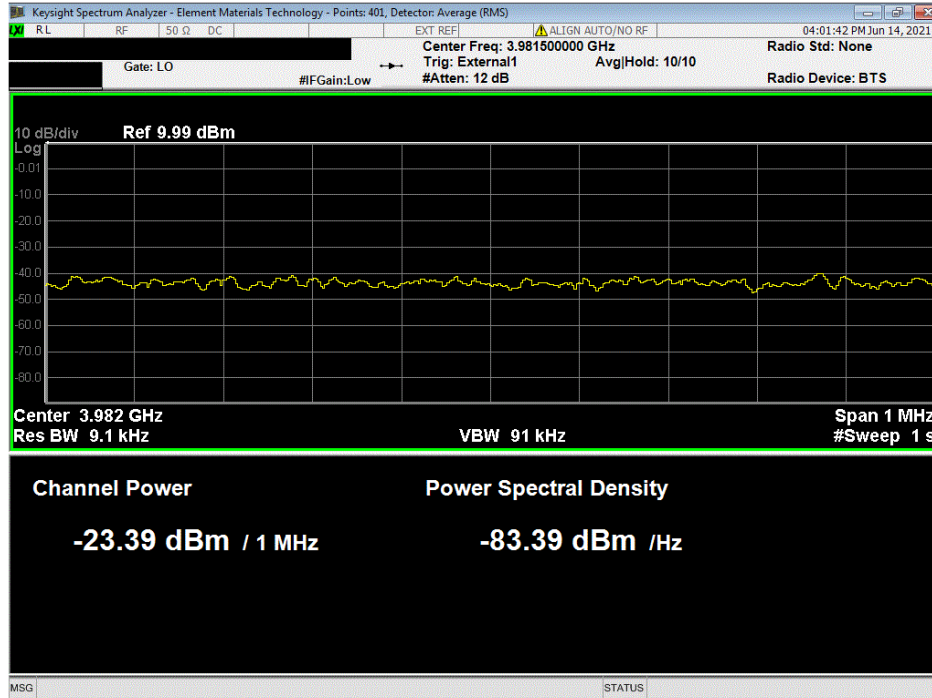


BAND EDGE COMPLIANCE

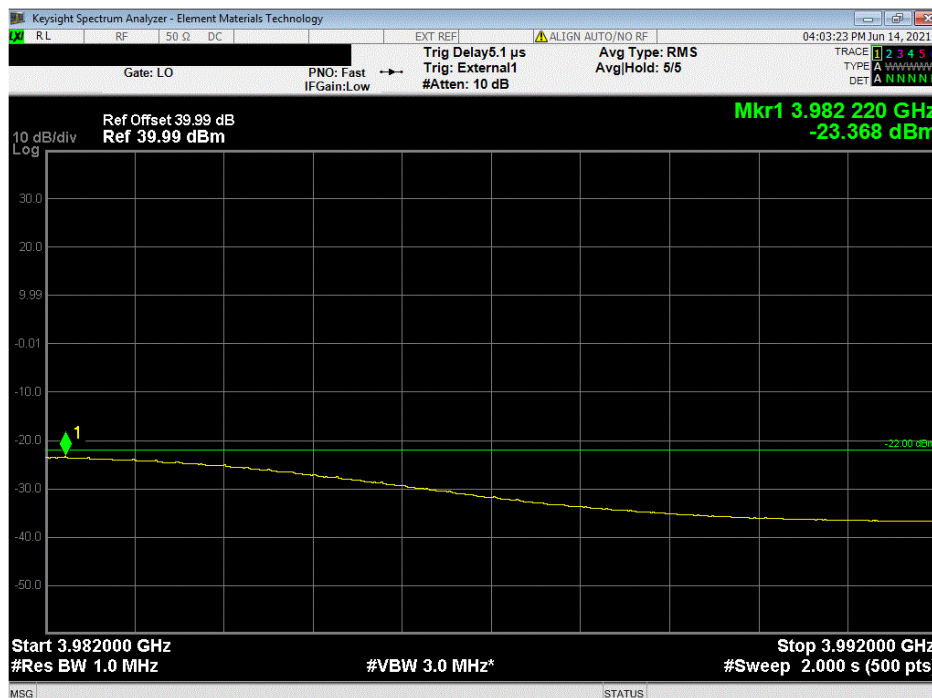


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 256-QAM Modulation, High Ch. 3939.99 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-23.39		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 80 MHz BW, 256-QAM Modulation, High Ch. 3939.99 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
4			-23.37		-22	Pass

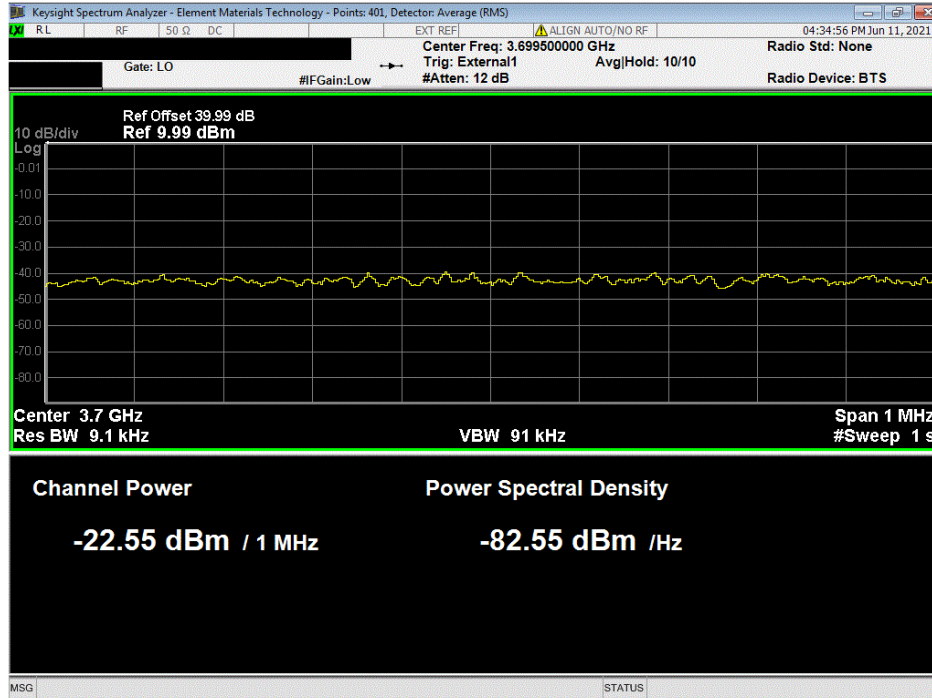


BAND EDGE COMPLIANCE

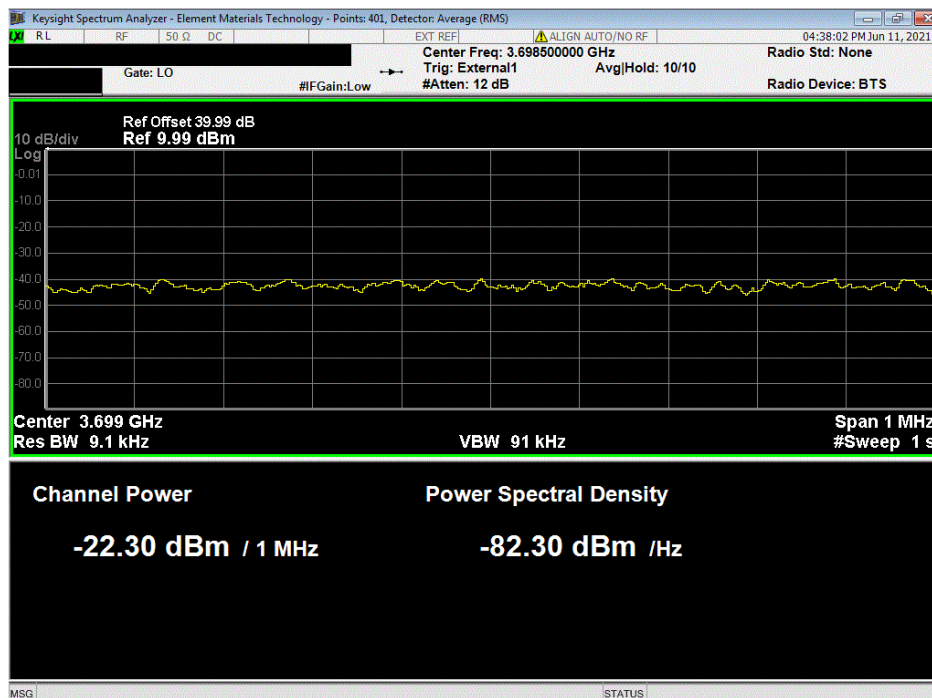


TbTtx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, QPSK Modulation, Low Ch. 3750 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-22.55	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, QPSK Modulation, Low Ch. 3750 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-22.30	-22	Pass

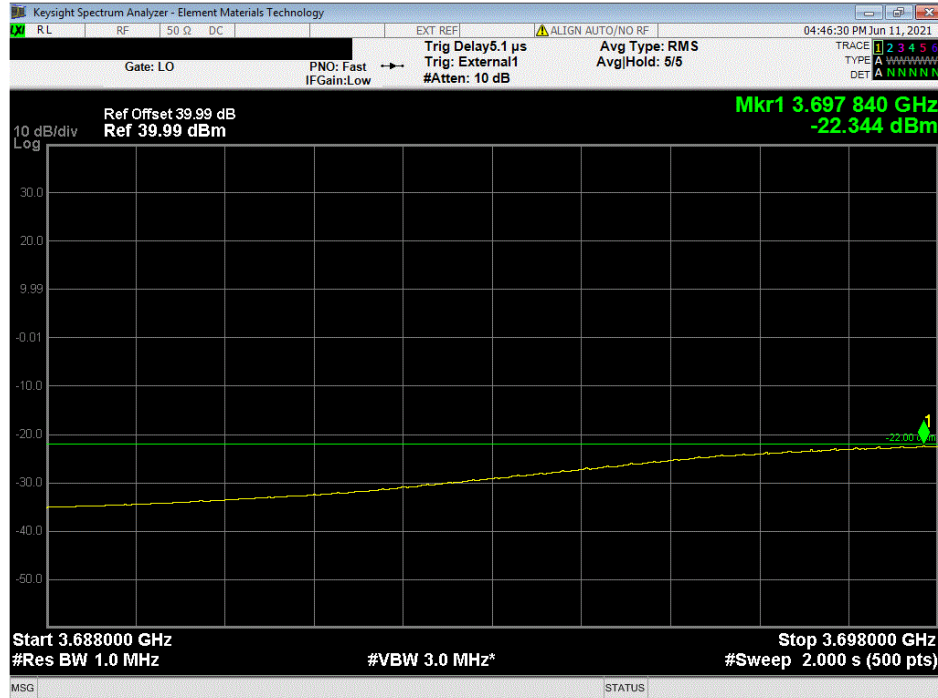


BAND EDGE COMPLIANCE

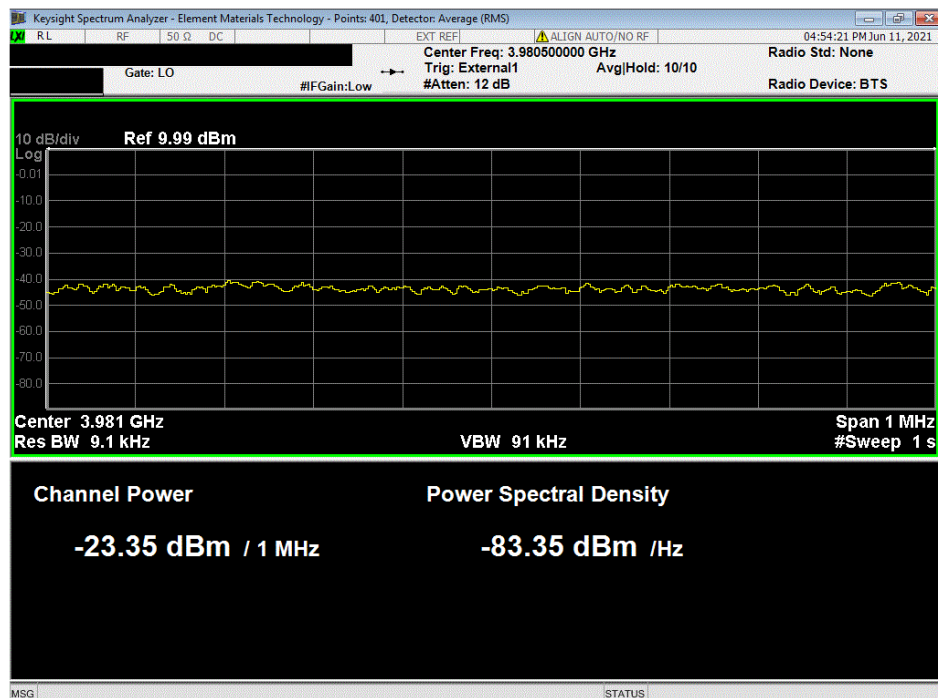


TbTx 2021.03.19.1 XMt 2020.12.30.0

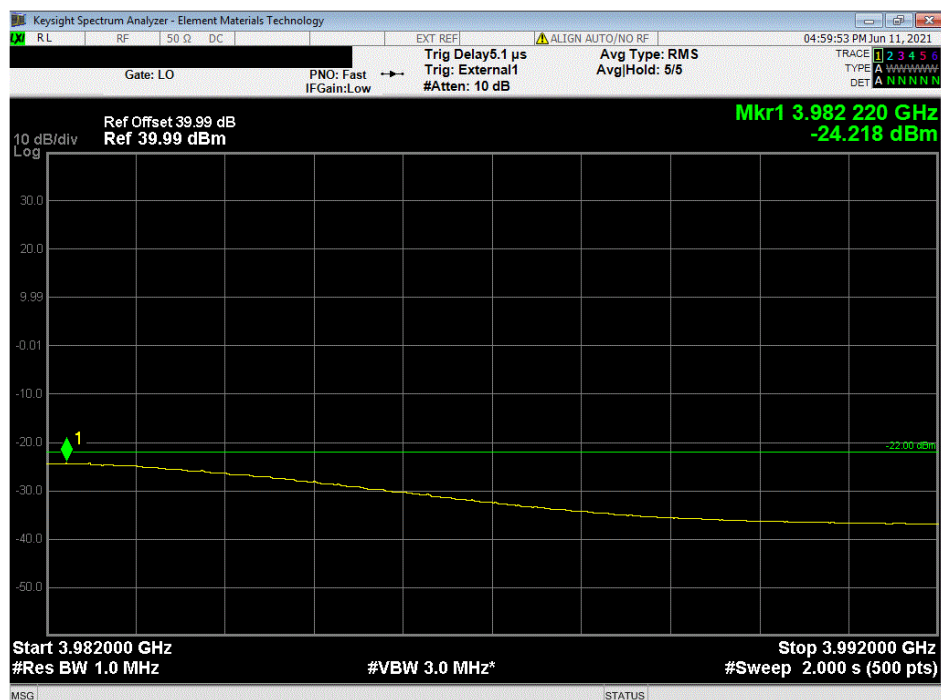
Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, QPSK Modulation, Low Ch. 3750 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-22.34		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, QPSK Modulation, High Ch. 3930 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
1			-23.35		-22	Pass



P

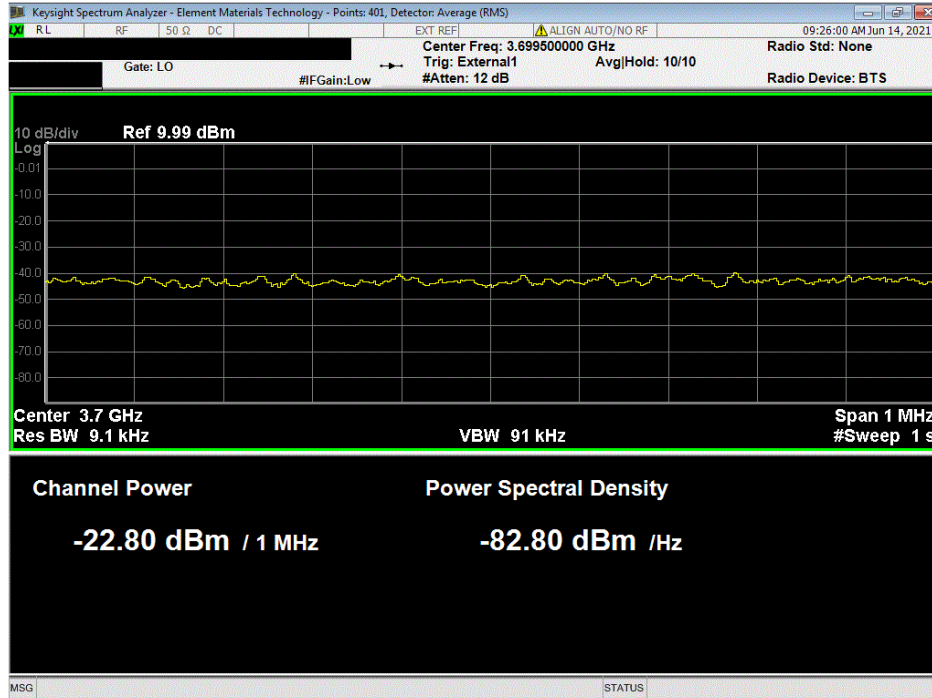


BAND EDGE COMPLIANCE

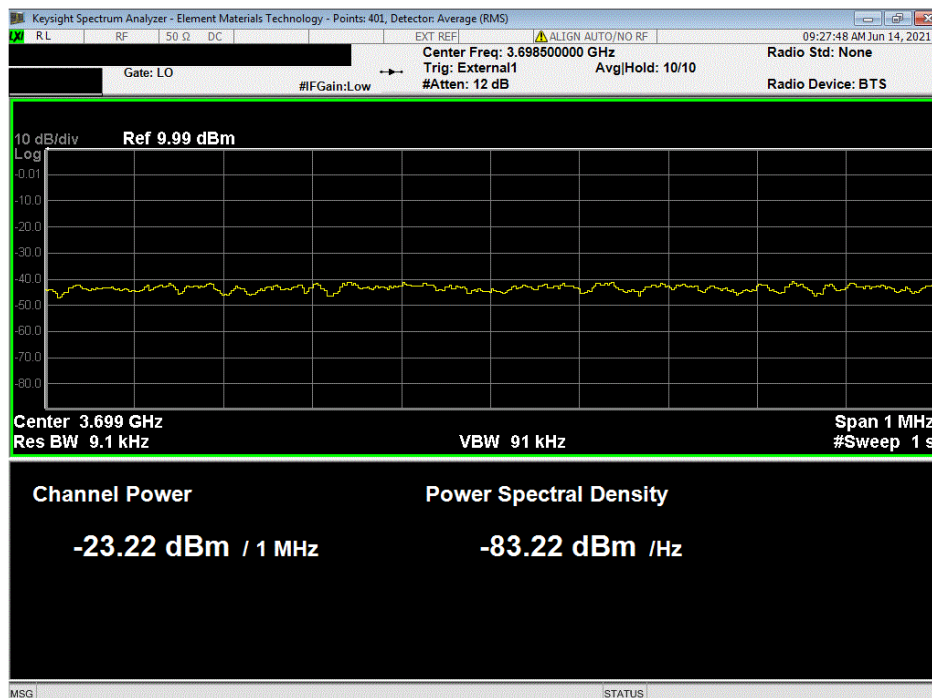


TbTtX 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 16-QAM Modulation, Low Ch. 3750 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-22.80	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 16-QAM Modulation, Low Ch. 3750 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-23.22	-22	Pass

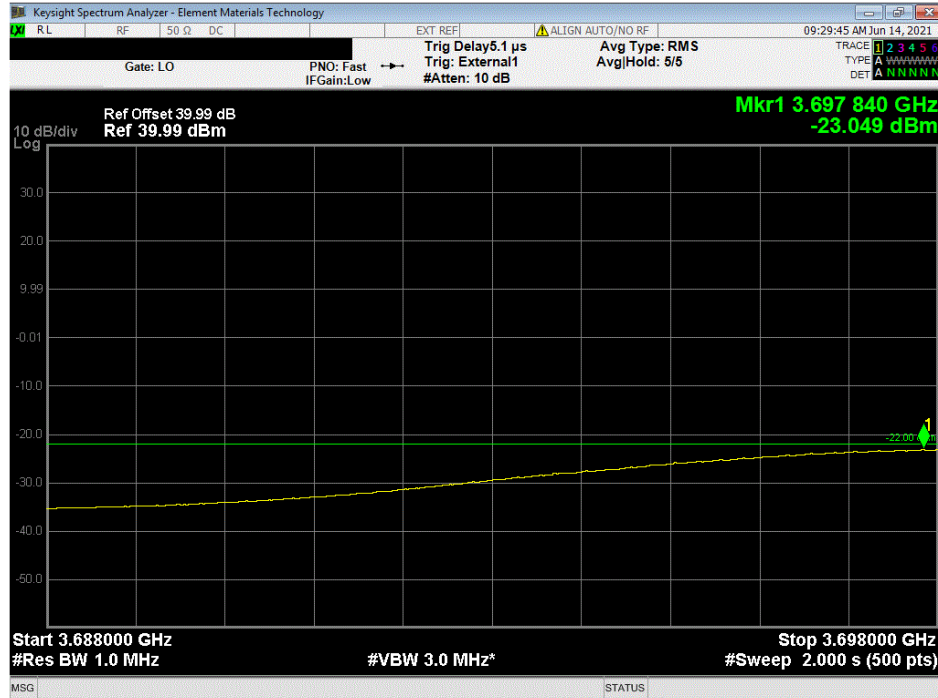


BAND EDGE COMPLIANCE

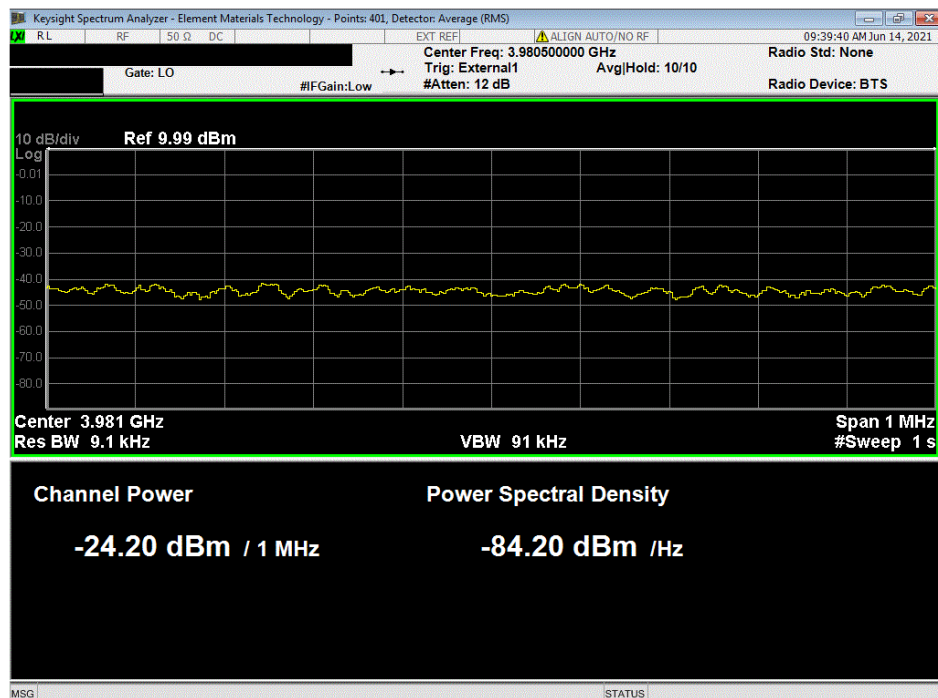


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 16-QAM Modulation, Low Ch. 3750 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-23.05		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 16-QAM Modulation, High Ch. 3930 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
1			-24.20		-22	Pass

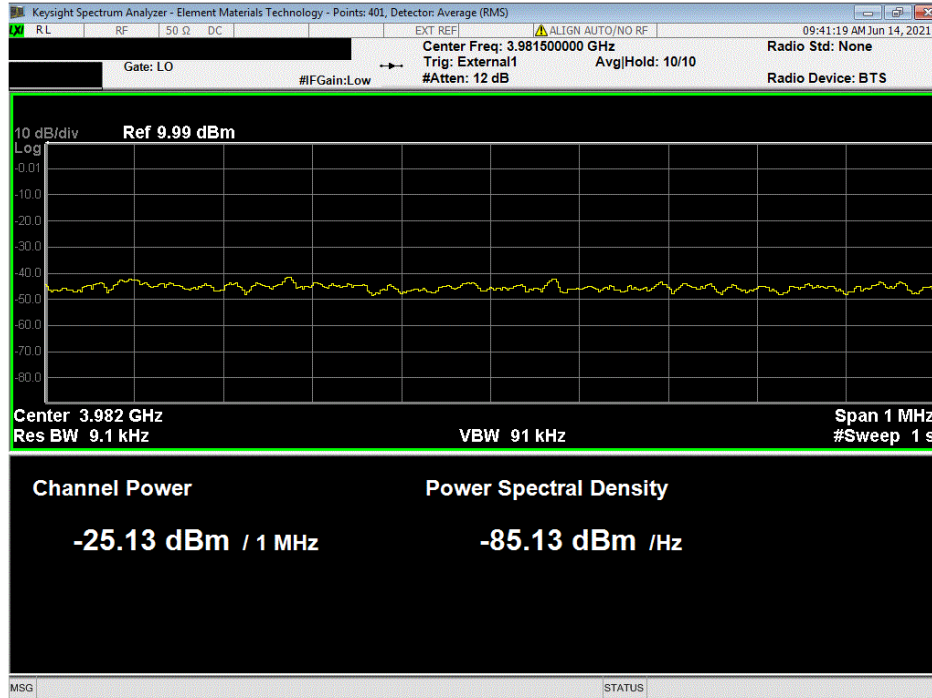


BAND EDGE COMPLIANCE

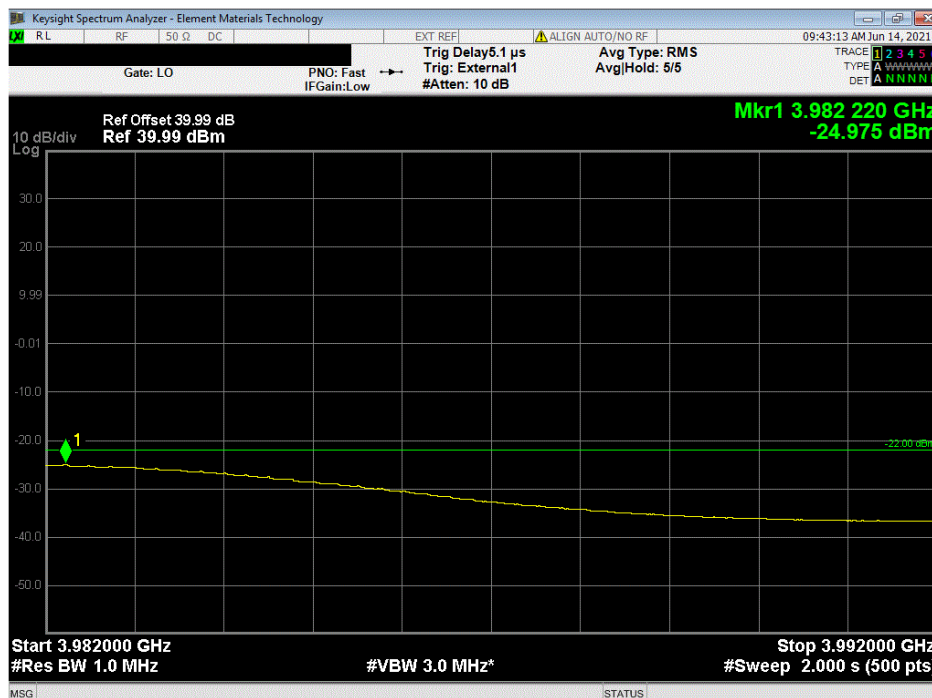


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 16-QAM Modulation, High Ch. 3930 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
2		-25.13		-22	Pass	



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 16-QAM Modulation, High Ch. 3930 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
3		-24.98		-22	Pass	

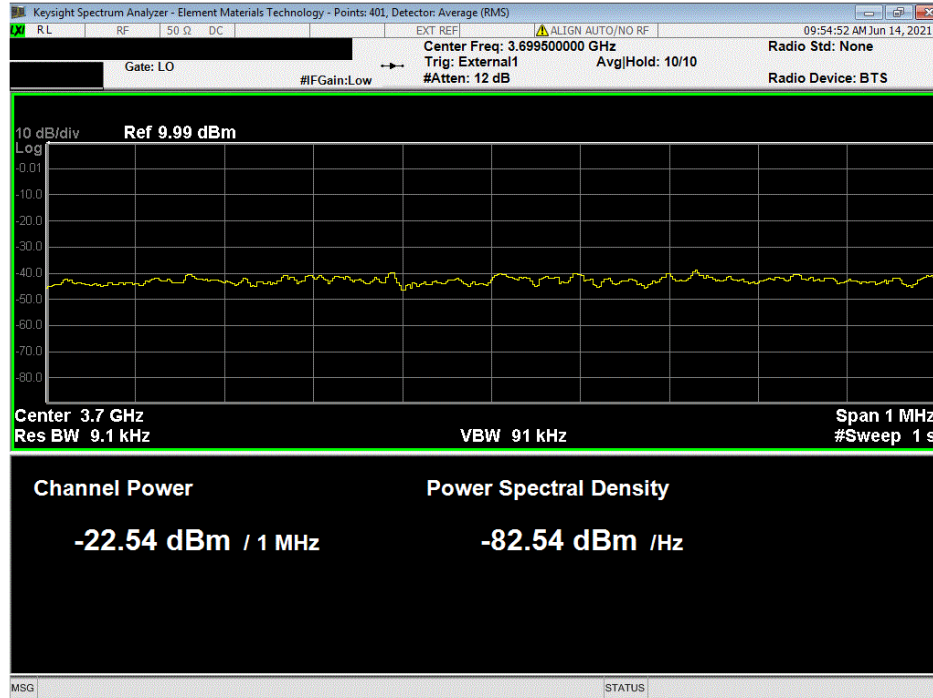


BAND EDGE COMPLIANCE

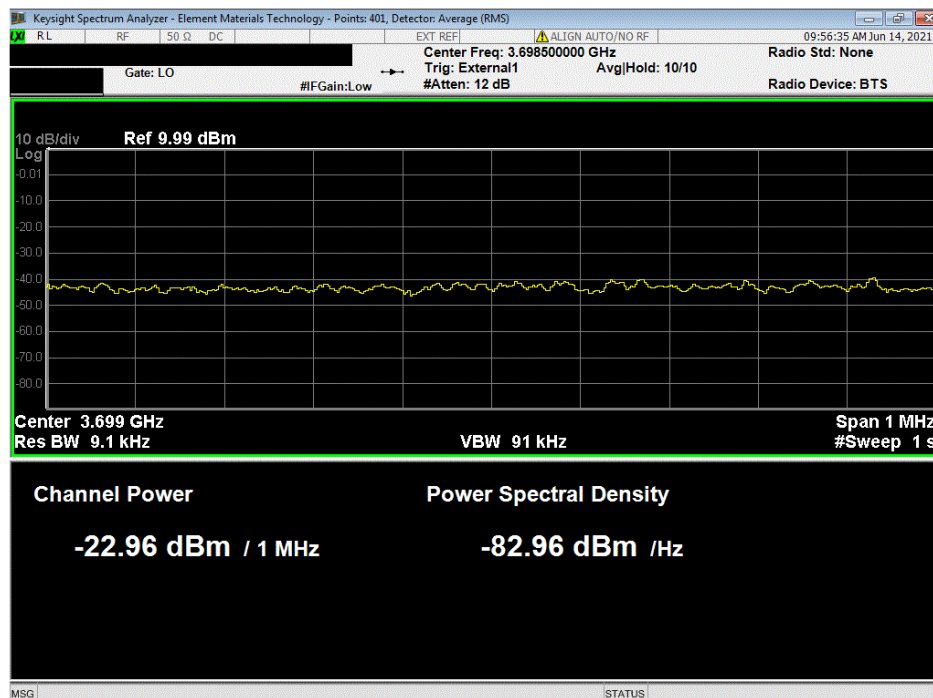


TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 64-QAM Modulation, Low Ch. 3750 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-22.54	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 64-QAM Modulation, Low Ch. 3750 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-22.96	-22	Pass

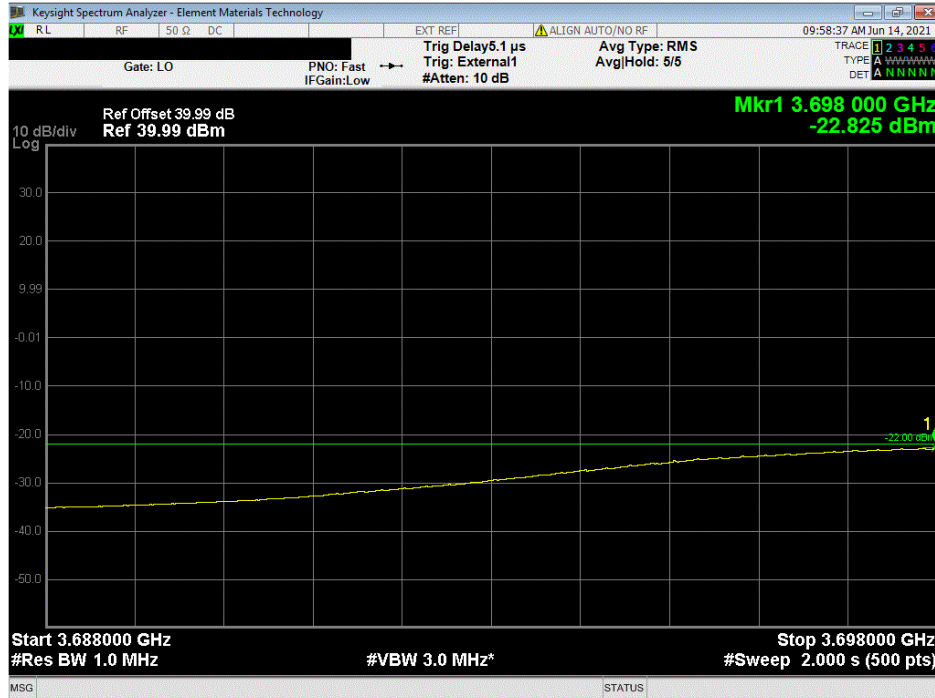


BAND EDGE COMPLIANCE

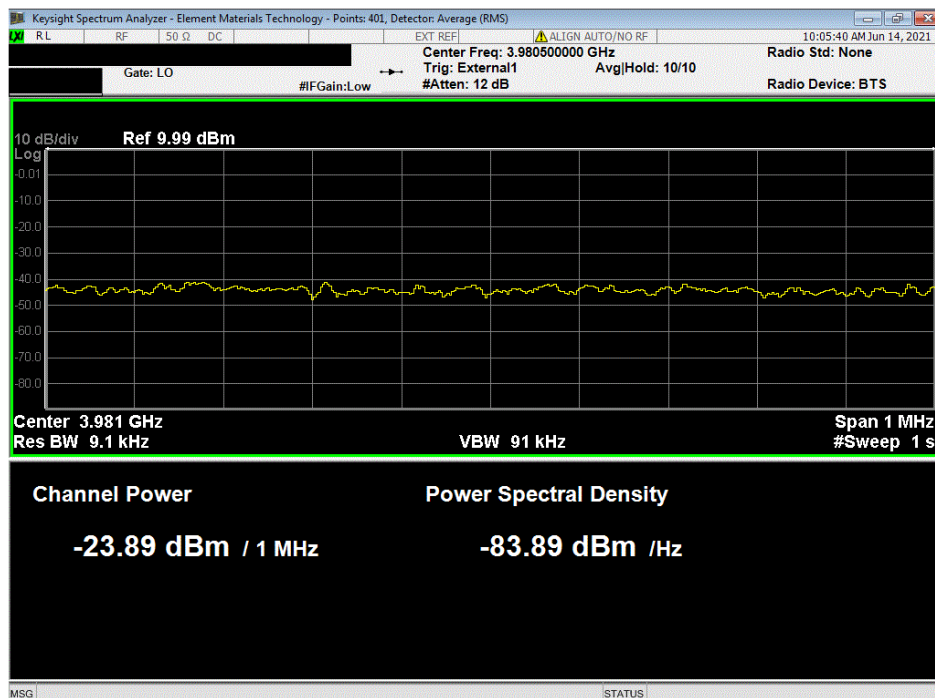


TbTtx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 64-QAM Modulation, Low Ch. 3750 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
	3		-22.83		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 64-QAM Modulation, High Ch. 3930 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
	1		-23.89		-22	Pass



Keysight Spectrum Analyzer - Element Materials Technology

RL RF 50 Ω DC EXT REF ALIGN AUTO/NO REF 10:09:47 AM Jun 14, 2021

Gate: LO PNO: Fast IF Gain: Low Trig Delay 5.1 μs Trig: External 1 #Atten: 10 dB Avg Type: RMS Avg Hold: 5/5

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

Ref Offset 39.99 dB
Ref 39.99 dBm

Mkr1 3.982 220 GHz
-24.579 dBm

10 dB/div
Log

30.0
20.0
9.99
-0.01
-10.0
-20.0
-30.0
-40.0
-50.0

-22.00 dBm

Start 3.982000 GHz
#Res BW 1.0 MHz

#VBW 3.0 MHz*

Stop 3.992000 GHz
#Sweep 2.000 s (500 pts)

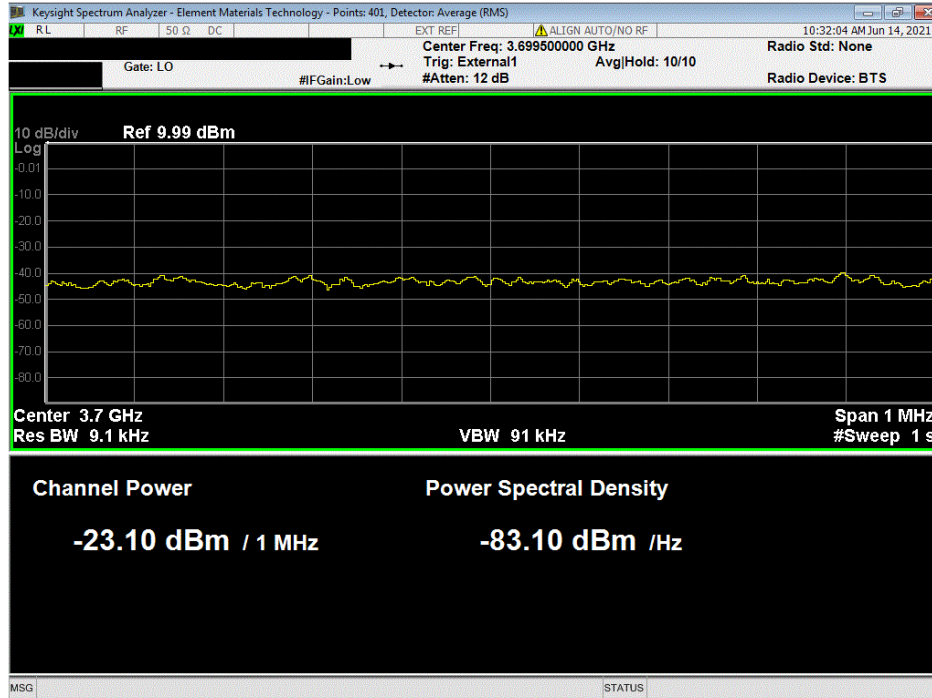
MSG STATUS

BAND EDGE COMPLIANCE

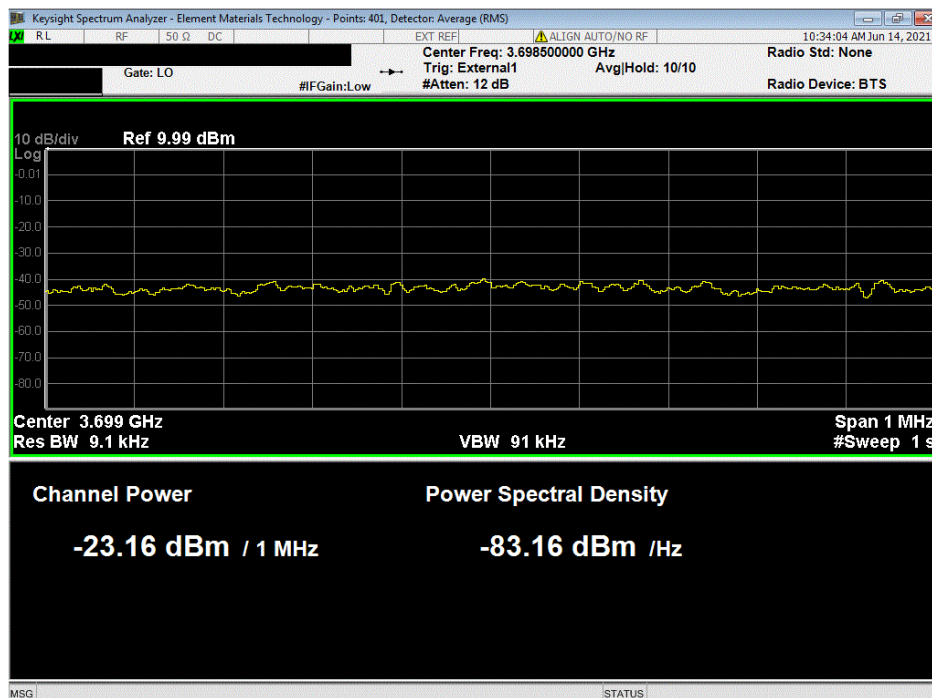


TbTtx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 256-QAM Modulation, Low Ch. 3750 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	1			-23.10	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 256-QAM Modulation, Low Ch. 3750 MHz						
Frequency				Value (dBm)	Limit (dBm)	Result
Range						
	2			-23.16	-22	Pass

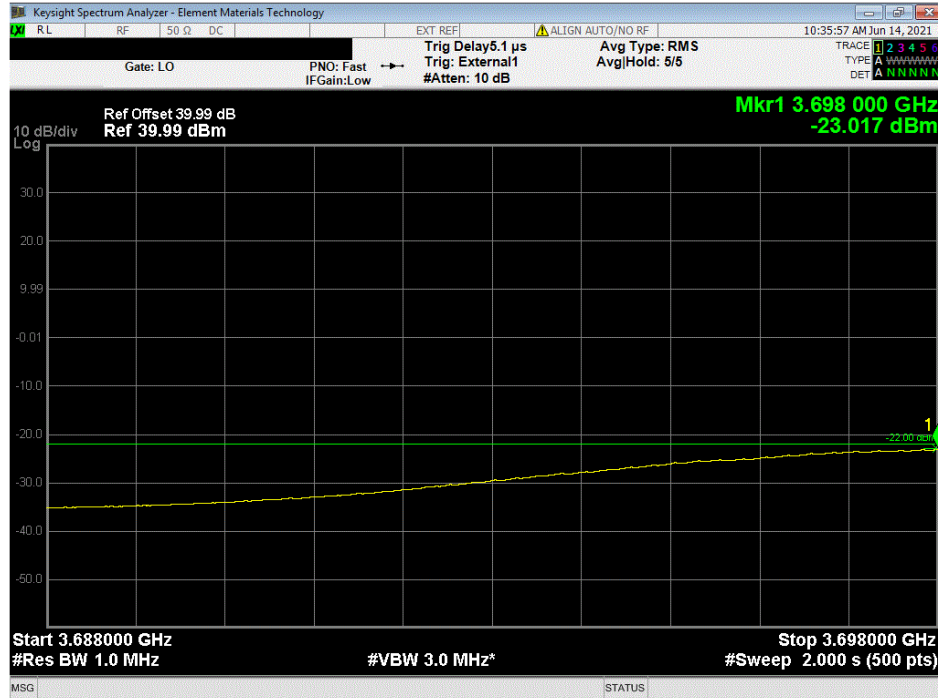


BAND EDGE COMPLIANCE

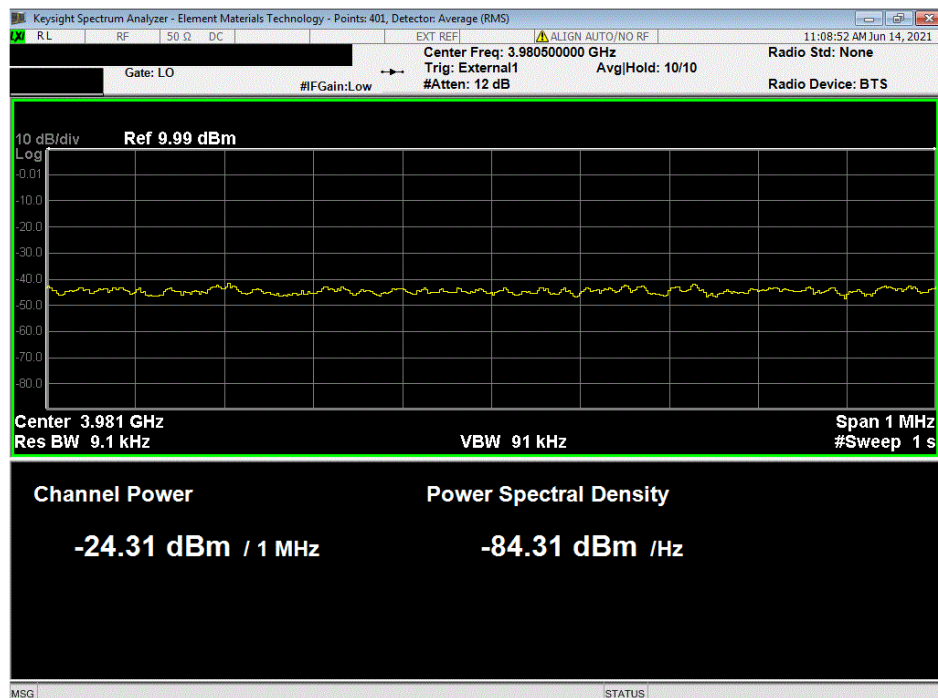


TbTtx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 256-QAM Modulation, Low Ch. 3750 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
3			-23.02		-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 256-QAM Modulation, High Ch. 3930 MHz						
Frequency			Value (dBm)		Limit (dBm)	Result
Range						
1			-24.31		-22	Pass

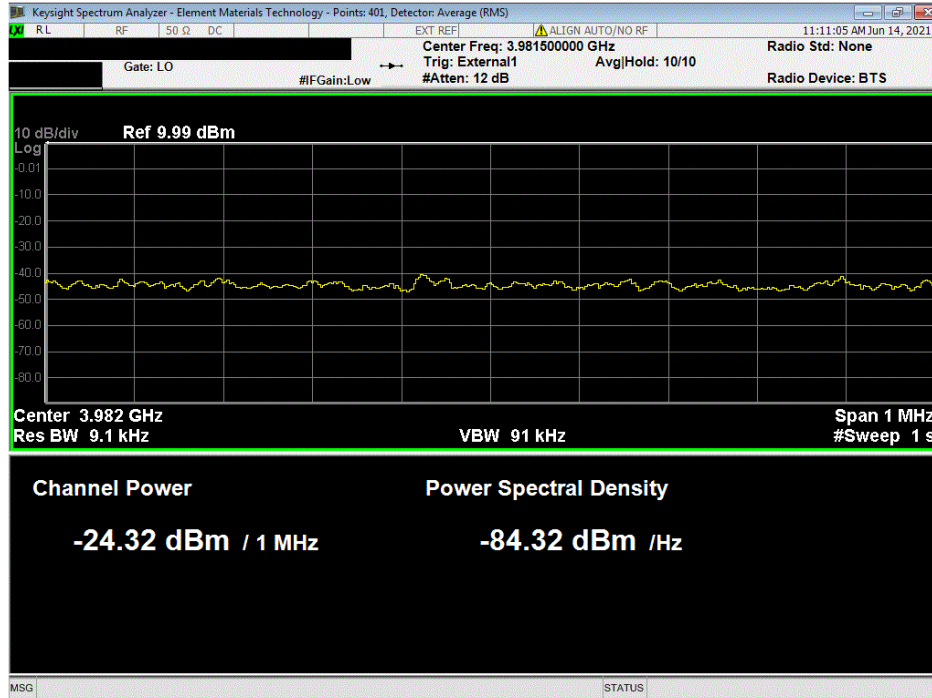


BAND EDGE COMPLIANCE



TbTx 2021.03.19.1 XMt 2020.12.30.0

Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 256-QAM Modulation, High Ch. 3930 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
2		-24.32		-22	Pass	



Band n77, 3700 MHz - 3980 MHz, 5G NR, Port 8, 100 MHz BW, 256-QAM Modulation, High Ch. 3930 MHz						
Frequency		Value (dBm)		Limit (dBm)	Result	
Range						
3		-24.30		-22	Pass	

