

BAND EDGE COMPLIANCE



THx 2022.03.14.0 XMI 2022.02.07.0

EUT: AHFI Remote Radio Head		Work Order: NOKI0038			
Serial Number: YK214000035		Date: 19-Mar-22			
Customer: Nokia of America Corporation		Temperature: 22.1 °C			
Attendees: Mitchell Hill		Humidity: 25.5% RH			
Project: None		Barometric Pres.: 1022 mbar			
Tested by: Brandon Hobbs		Power: 54 VDC	Job Site: TX06		
TEST SPECIFICATIONS		Test Method			
FCC 27:2022		ANSI C63.26:2015			
RSS-139 Issue 3:2015, RSS-170 Issue 3:2015		RSS-139 Issue 3:2015, RSS-170 Issue 3:2015			
COMMENTS					
All measurement path losses were accounted for in the reference level offset including any attenuators, filters and DC blocks. Band n66 carriers are enabled at maximum power (80 watts/carrier). Some measurement marker values were offset by RBW/2 from the band edge frequency as allowed by ANSI C63.26 clause 5.7.2 for some test cases.					
DEVIATIONS FROM TEST STANDARD					
None					
Configuration #	2	Signature 			
		Frequency Range	Max Value (dBm)	Limit (dBm)	Result
Band n66, 2110 MHz - 2200 MHz, 5G NR					
Port 1					
5 MHz Bandwidth					
QPSK Modulation					
Low Channel, 2112.5 MHz		1	-27.8	-19	Pass
Low Channel, 2112.5 MHz		2	-20.6	-19	Pass
Low Channel, 2112.5 MHz		3	-19.8	-19	Pass
High Channel, 2197.5 MHz		1	-27.1	-19	Pass
High Channel, 2197.5 MHz		2	-22.4	-19	Pass
High Channel, 2197.5 MHz		3	-21.0	-19	Pass
16-QAM Modulation					
Low Channel, 2112.5 MHz		1	-27.8	-19	Pass
Low Channel, 2112.5 MHz		2	-20.1	-19	Pass
Low Channel, 2112.5 MHz		3	-20.4	-19	Pass
High Channel, 2197.5 MHz		1	-28.1	-19	Pass
High Channel, 2197.5 MHz		2	-23.1	-19	Pass
High Channel, 2197.5 MHz		3	-21.5	-19	Pass
64-QAM Modulation					
Low Channel, 2112.5 MHz		1	-28.1	-19	Pass
Low Channel, 2112.5 MHz		2	-19.9	-19	Pass
Low Channel, 2112.5 MHz		3	-20.0	-19	Pass
High Channel, 2197.5 MHz		1	-27.9	-19	Pass
High Channel, 2197.5 MHz		2	-22.6	-19	Pass
High Channel, 2197.5 MHz		3	-20.5	-19	Pass
256-QAM Modulation					
Low Channel, 2112.5 MHz		1	-27.5	-19	Pass
Low Channel, 2112.5 MHz		2	-19.6	-19	Pass
Low Channel, 2112.5 MHz		3	-19.4	-19	Pass
High Channel, 2197.5 MHz		1	-27.8	-19	Pass
High Channel, 2197.5 MHz		2	-22.5	-19	Pass
High Channel, 2197.5 MHz		3	-21.3	-19	Pass
10 MHz Bandwidth					
QPSK Modulation					
Low Channel, 2115 MHz		1	-25.7	-19	Pass
Low Channel, 2115 MHz		2	-21.9	-19	Pass
Low Channel, 2115 MHz		3	-21.9	-19	Pass
High Channel, 2195 MHz		1	-25.8	-19	Pass
High Channel, 2195 MHz		2	-22.1	-19	Pass
High Channel, 2195 MHz		3	-22.3	-19	Pass
16-QAM Modulation					
Low Channel, 2115 MHz		1	-25.9	-19	Pass
Low Channel, 2115 MHz		2	-21.8	-19	Pass
Low Channel, 2115 MHz		3	-21.7	-19	Pass
High Channel, 2195 MHz		1	-27.6	-19	Pass
High Channel, 2195 MHz		2	-22.9	-19	Pass
High Channel, 2195 MHz		3	-22.2	-19	Pass
64-QAM Modulation					
Low Channel, 2115 MHz		1	-25.8	-19	Pass
Low Channel, 2115 MHz		2	-22.1	-19	Pass
Low Channel, 2115 MHz		3	-22.1	-19	Pass
High Channel, 2195 MHz		1	-26.3	-19	Pass
High Channel, 2195 MHz		2	-21.9	-19	Pass
High Channel, 2195 MHz		3	-21.9	-19	Pass

256-QAM Modulation					
Low Channel, 2115 MHz	1	-26.0	-19	Pass	
Low Channel, 2115 MHz	2	-22.3	-19	Pass	
Low Channel, 2115 MHz	3	-21.7	-19	Pass	
High Channel, 2195 MHz	1	-26.1	-19	Pass	
High Channel, 2195 MHz	2	-22.6	-19	Pass	
High Channel, 2195 MHz	3	-22.1	-19	Pass	
15 MHz Bandwidth					
QPSK Modulation					
Low Channel, 2117.5 MHz	1	-25.4	-19	Pass	
Low Channel, 2117.5 MHz	2	-22.0	-19	Pass	
Low Channel, 2117.5 MHz	3	-21.4	-19	Pass	
High Channel, 2192.5 MHz	1	-25.8	-19	Pass	
High Channel, 2192.5 MHz	2	-22.9	-19	Pass	
High Channel, 2192.5 MHz	3	-22.2	-19	Pass	
16-QAM Modulation					
Low Channel, 2117.5 MHz	1	-25.2	-19	Pass	
Low Channel, 2117.5 MHz	2	-22.0	-19	Pass	
Low Channel, 2117.5 MHz	3	-21.6	-19	Pass	
High Channel, 2192.5 MHz	1	-24.6	-19	Pass	
High Channel, 2192.5 MHz	2	-22.8	-19	Pass	
High Channel, 2192.5 MHz	3	-22.1	-19	Pass	
64-QAM Modulation					
Low Channel, 2117.5 MHz	1	-24.6	-19	Pass	
Low Channel, 2117.5 MHz	2	-21.8	-19	Pass	
Low Channel, 2117.5 MHz	3	-20.8	-19	Pass	
High Channel, 2192.5 MHz	1	-25.1	-19	Pass	
High Channel, 2192.5 MHz	2	-22.7	-19	Pass	
High Channel, 2192.5 MHz	3	-22.0	-19	Pass	
256-QAM Modulation					
Low Channel, 2117.5 MHz	1	-24.4	-19	Pass	
Low Channel, 2117.5 MHz	2	-22.0	-19	Pass	
Low Channel, 2117.5 MHz	3	-21.0	-19	Pass	
High Channel, 2192.5 MHz	1	-25.4	-19	Pass	
High Channel, 2192.5 MHz	2	-23.1	-19	Pass	
High Channel, 2192.5 MHz	3	-22.2	-19	Pass	
20 MHz Bandwidth					
QPSK Modulation					
Low Channel, 2120 MHz	1	-25.4	-19	Pass	
Low Channel, 2120 MHz	2	-24.1	-19	Pass	
Low Channel, 2120 MHz	3	-23.3	-19	Pass	
High Channel, 2190 MHz	1	-24.6	-19	Pass	
High Channel, 2190 MHz	2	-21.2	-19	Pass	
High Channel, 2190 MHz	3	-20.3	-19	Pass	
16-QAM Modulation					
Low Channel, 2120 MHz	1	-25.2	-19	Pass	
Low Channel, 2120 MHz	2	-23.7	-19	Pass	
Low Channel, 2120 MHz	3	-23.3	-19	Pass	
High Channel, 2190 MHz	1	-24.5	-19	Pass	
High Channel, 2190 MHz	2	-21.2	-19	Pass	
High Channel, 2190 MHz	3	-19.6	-19	Pass	

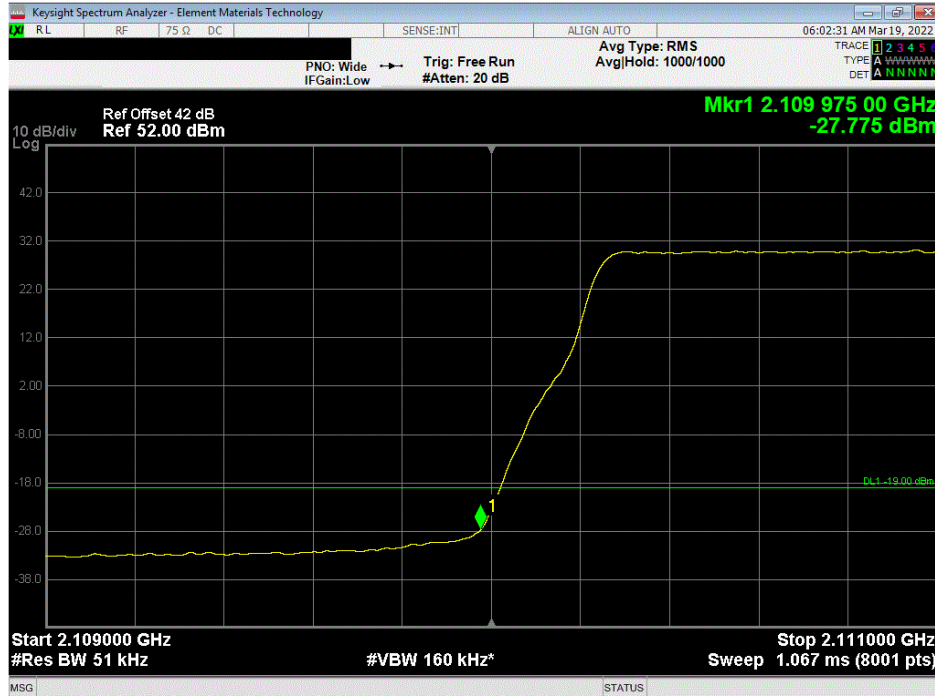
64-QAM Modulation					
Low Channel, 2120 MHz	1	-25.7	-19	Pass	
Low Channel, 2120 MHz	2	-23.8	-19	Pass	
Low Channel, 2120 MHz	3	-23.1	-19	Pass	
High Channel, 2190 MHz	1	-24.1	-19	Pass	
High Channel, 2190 MHz	2	-21.1	-19	Pass	
High Channel, 2190 MHz	3	-20.3	-19	Pass	
256-QAM Modulation					
Low Channel, 2120 MHz	1	-24.9	-19	Pass	
Low Channel, 2120 MHz	2	-23.8	-19	Pass	
Low Channel, 2120 MHz	3	-22.8	-19	Pass	
High Channel, 2190 MHz	1	-24.8	-19	Pass	
High Channel, 2190 MHz	2	-21.1	-19	Pass	
High Channel, 2190 MHz	3	-20.0	-19	Pass	
30 MHz Bandwidth					
QPSK Modulation					
Low Channel, 2125 MHz	1	-22.4	-19	Pass	
Low Channel, 2125 MHz	2	-23.2	-19	Pass	
Low Channel, 2125 MHz	3	-22.4	-19	Pass	
High Channel, 2185 MHz	1	-21.3	-19	Pass	
High Channel, 2185 MHz	2	-20.5	-19	Pass	
High Channel, 2185 MHz	3	-19.8	-19	Pass	
16-QAM Modulation					
Low Channel, 2125 MHz	1	-22.6	-19	Pass	
Low Channel, 2125 MHz	2	-23.1	-19	Pass	
Low Channel, 2125 MHz	3	-22.1	-19	Pass	
High Channel, 2185 MHz	1	-22.3	-19	Pass	
High Channel, 2185 MHz	2	-20.8	-19	Pass	
High Channel, 2185 MHz	3	-20.2	-19	Pass	
64-QAM Modulation					
Low Channel, 2125 MHz	1	-20.6	-19	Pass	
Low Channel, 2125 MHz	2	-21.9	-19	Pass	
Low Channel, 2125 MHz	3	-20.7	-19	Pass	
High Channel, 2185 MHz	1	-21.7	-19	Pass	
High Channel, 2185 MHz	2	-20.5	-19	Pass	
High Channel, 2185 MHz	3	-20.0	-19	Pass	
256-QAM Modulation					
Low Channel, 2125 MHz	1	-21.9	-19	Pass	
Low Channel, 2125 MHz	2	-22.9	-19	Pass	
Low Channel, 2125 MHz	3	-22.0	-19	Pass	
High Channel, 2185 MHz	1	-21.6	-19	Pass	
High Channel, 2185 MHz	2	-20.6	-19	Pass	
High Channel, 2185 MHz	3	-20.1	-19	Pass	

BAND EDGE COMPLIANCE

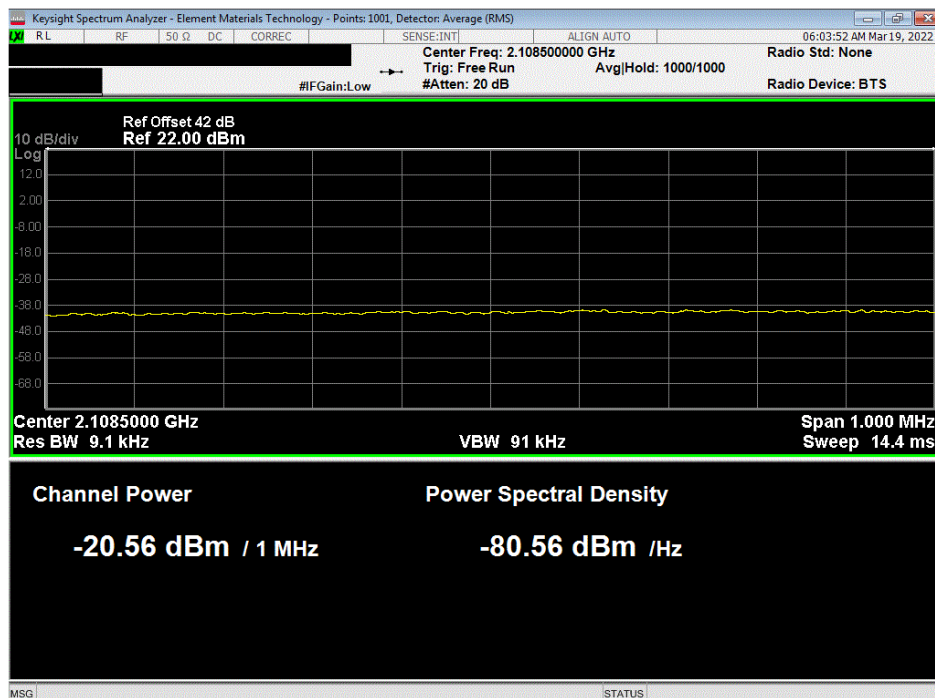


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Low Channel, 2112.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-27.78	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Low Channel, 2112.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-20.56	-19	Pass			

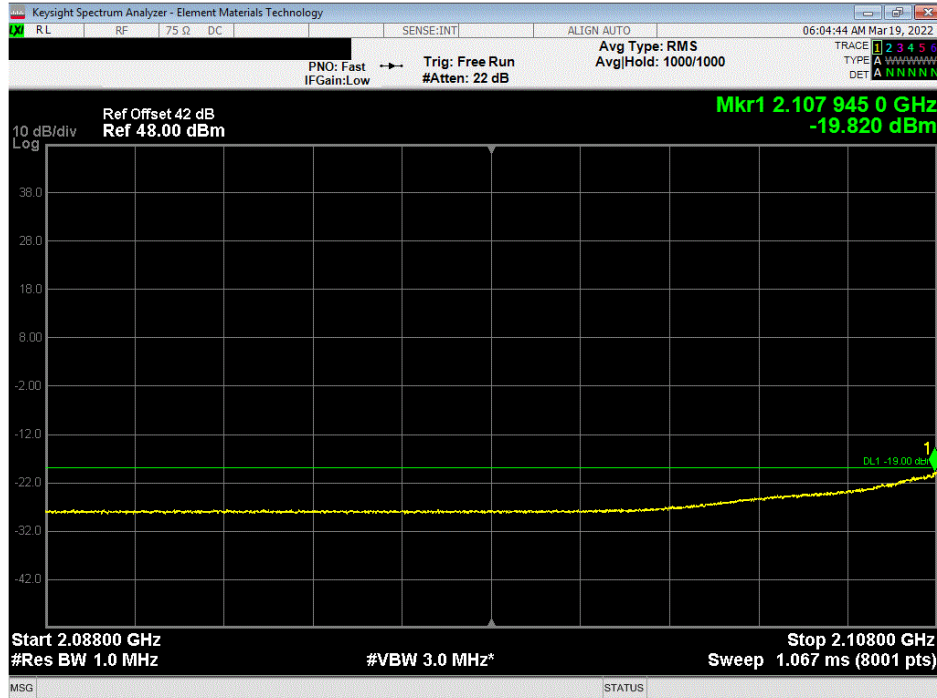


BAND EDGE COMPLIANCE

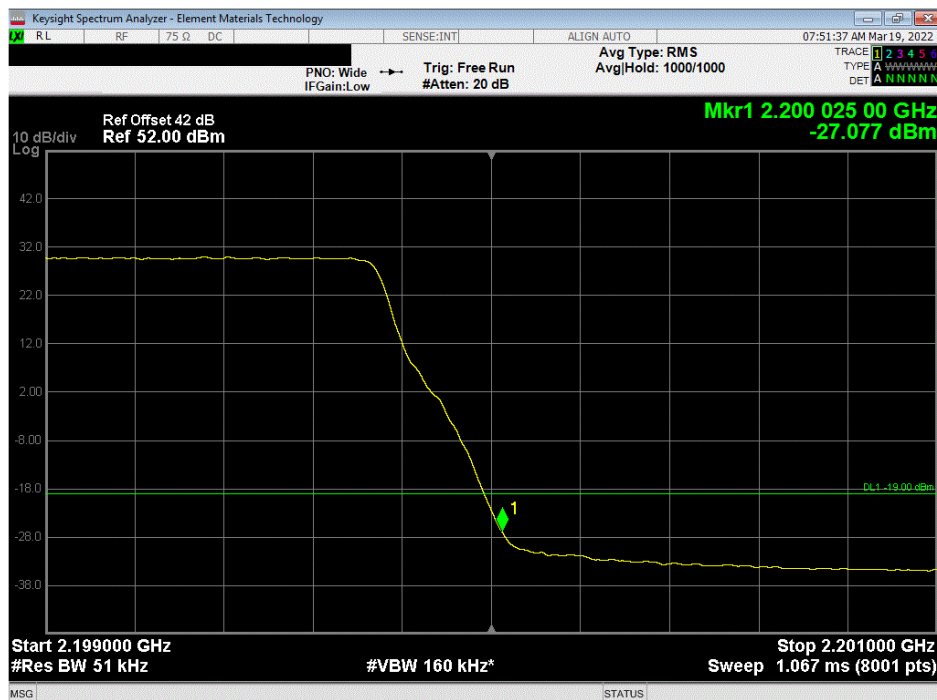


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Low Channel, 2112.5 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
3		-19.82		-19		Pass



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, High Channel, 2197.5 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
1		-27.08		-19		Pass

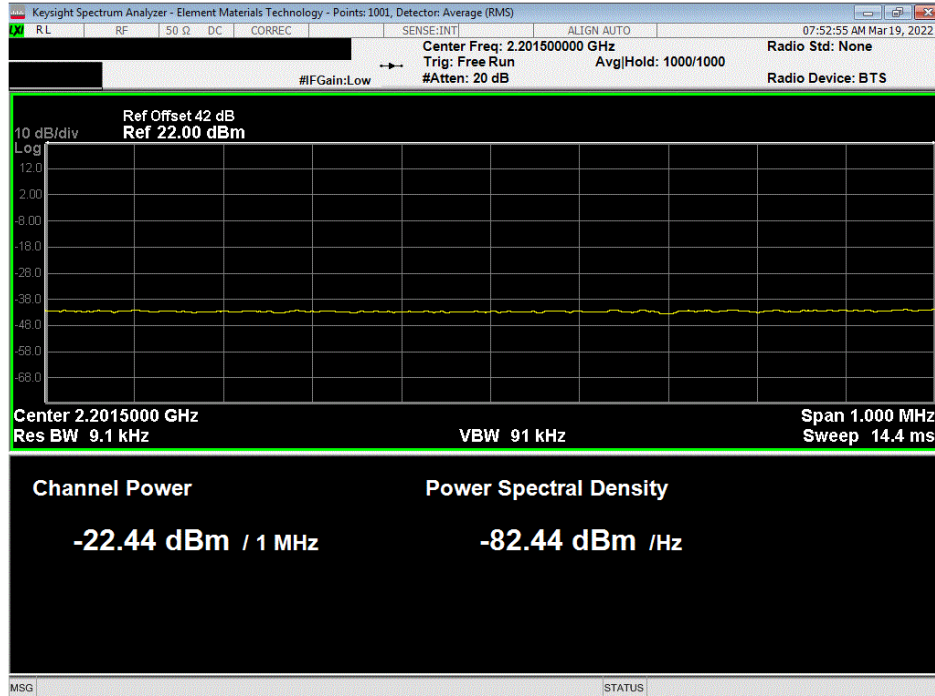


BAND EDGE COMPLIANCE

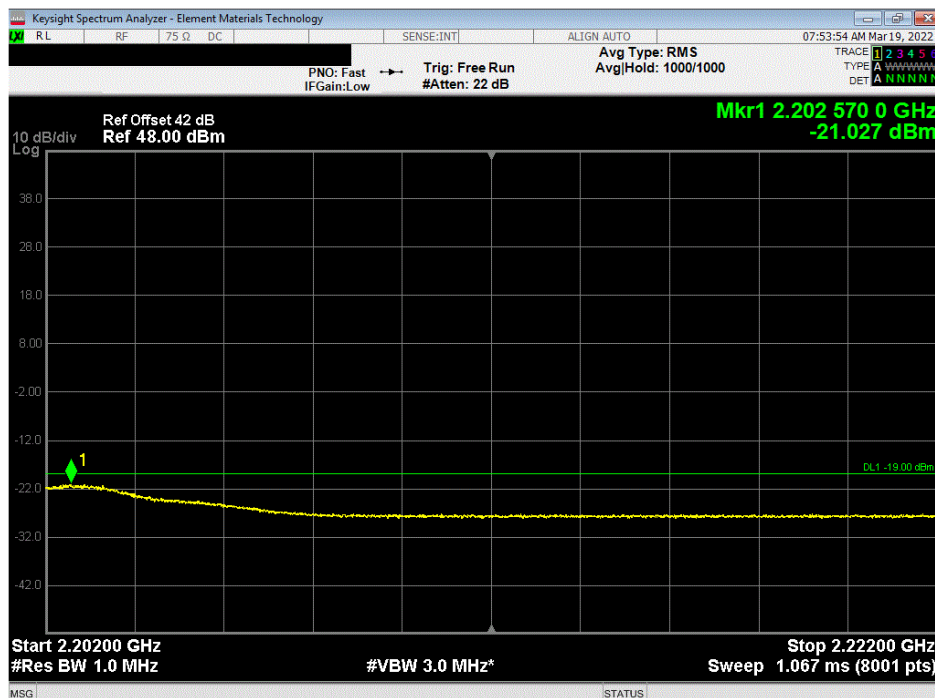


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, High Channel, 2197.5 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
2		-22.44		-19		Pass



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, High Channel, 2197.5 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
3		-21.03		-19		Pass

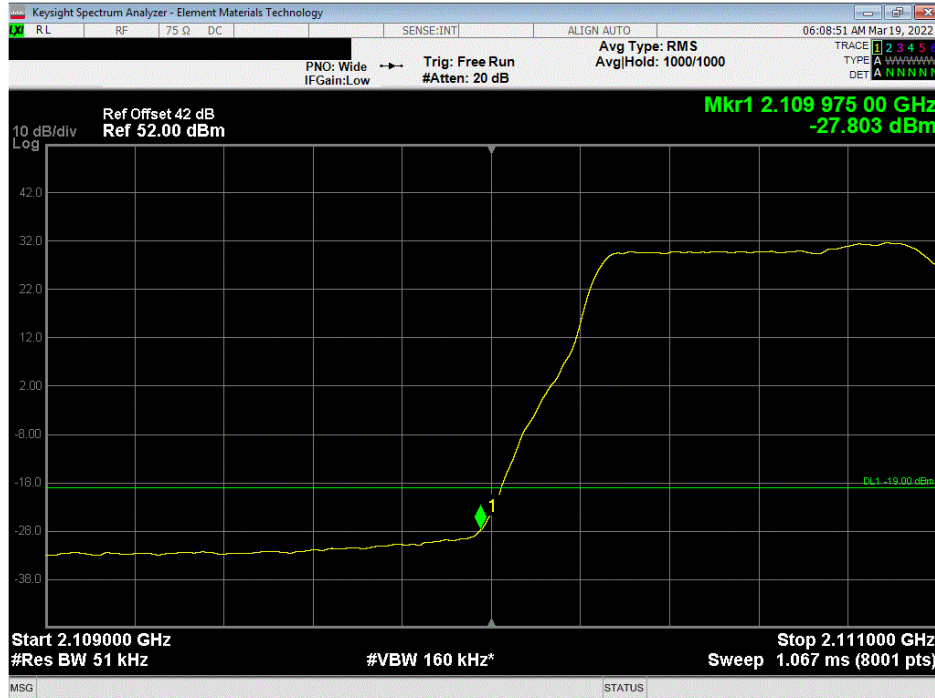


BAND EDGE COMPLIANCE

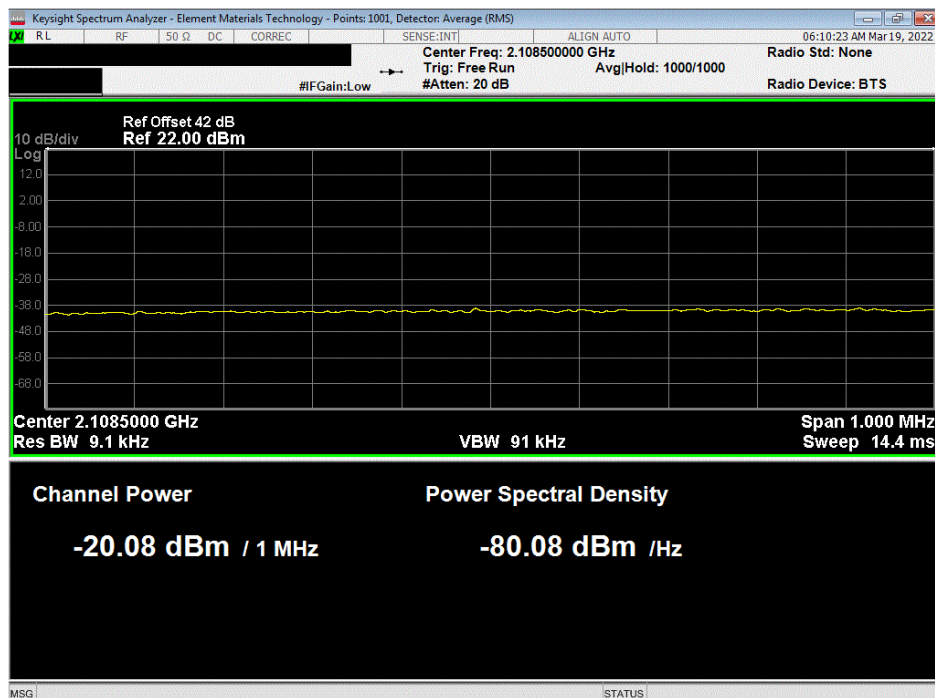


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
1		-27.80		-19		Pass



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
2		-20.08		-19		Pass

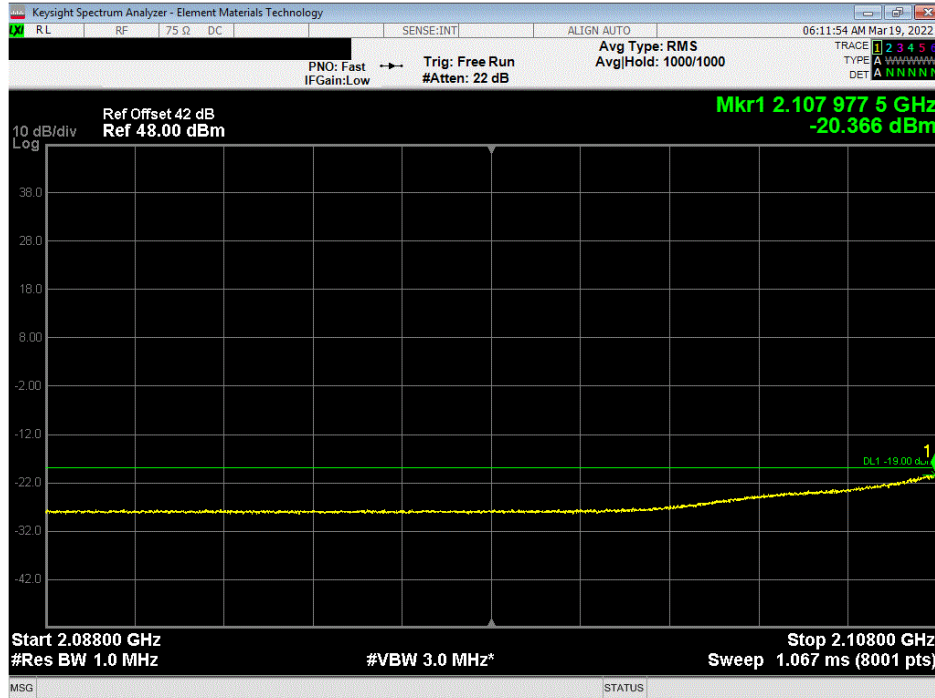


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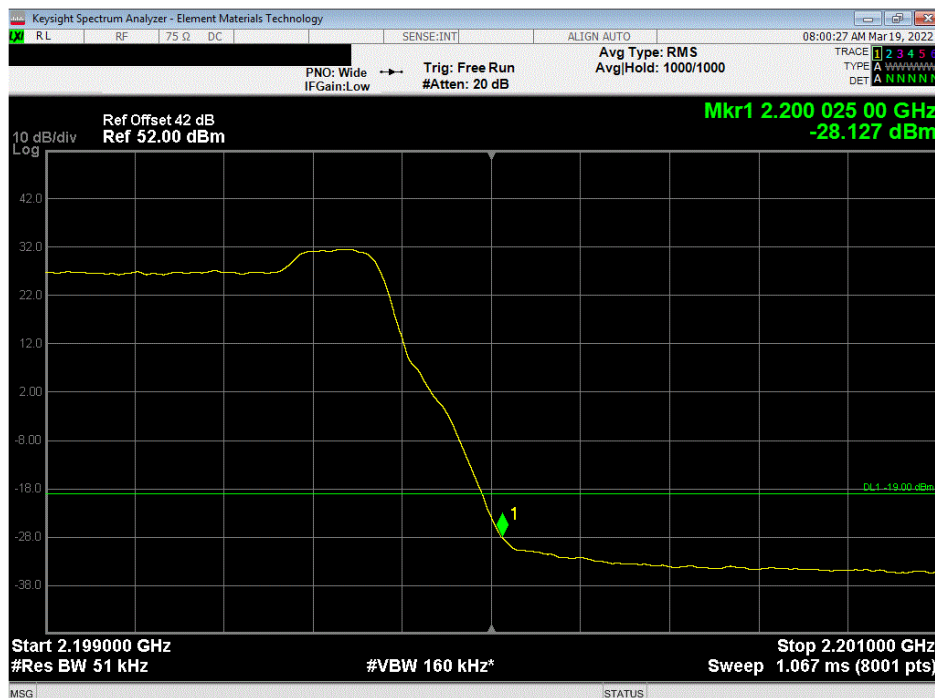


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-20.37	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-28.13	-19	Pass			

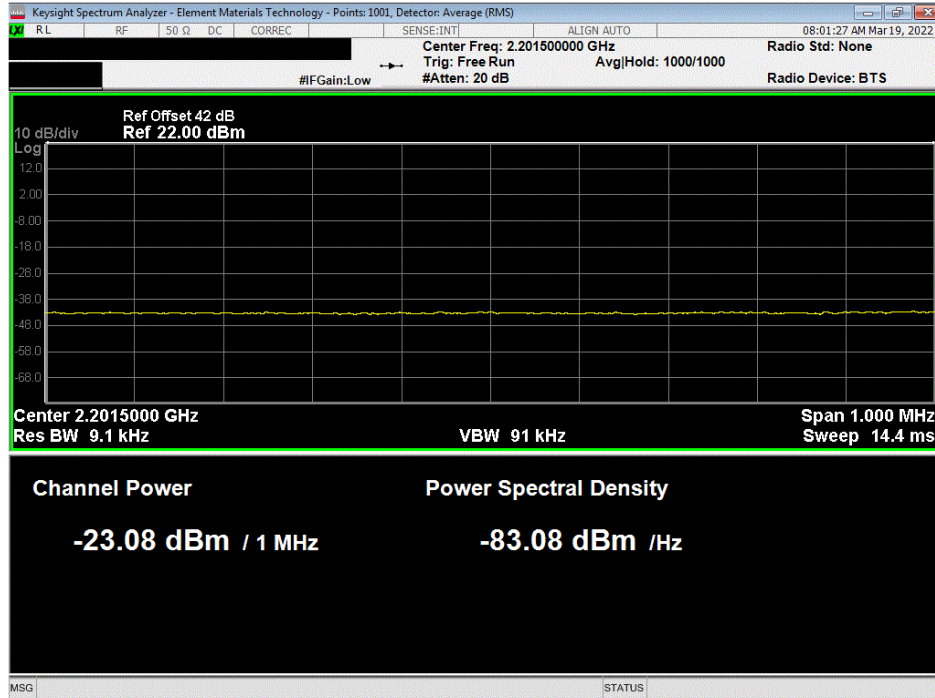


BAND EDGE COMPLIANCE

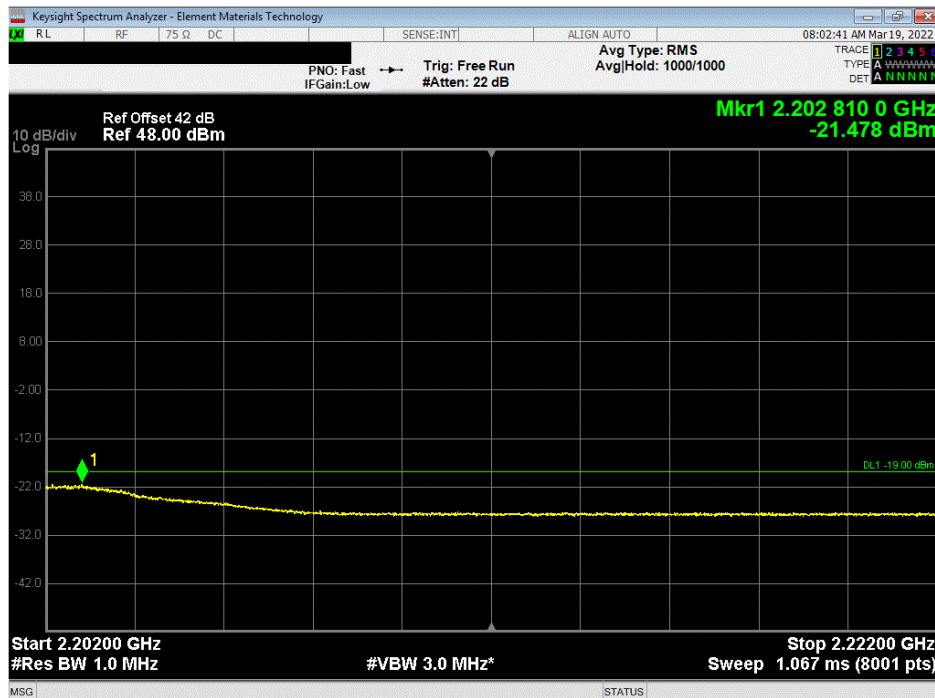


TbTtx 2022.03.14.0 XMt 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-23.08	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-21.48	-19	Pass			

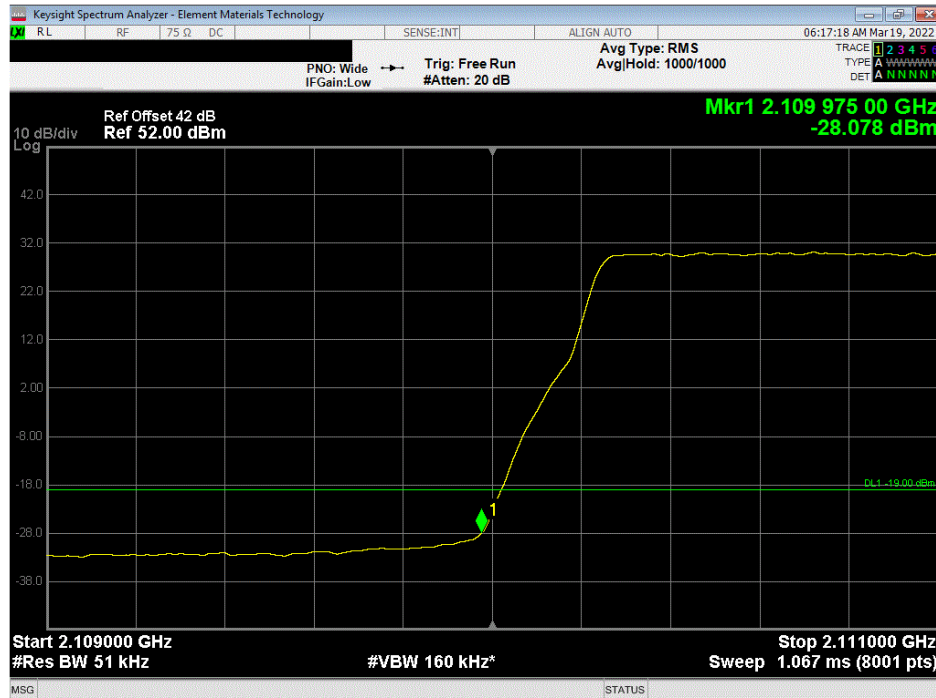


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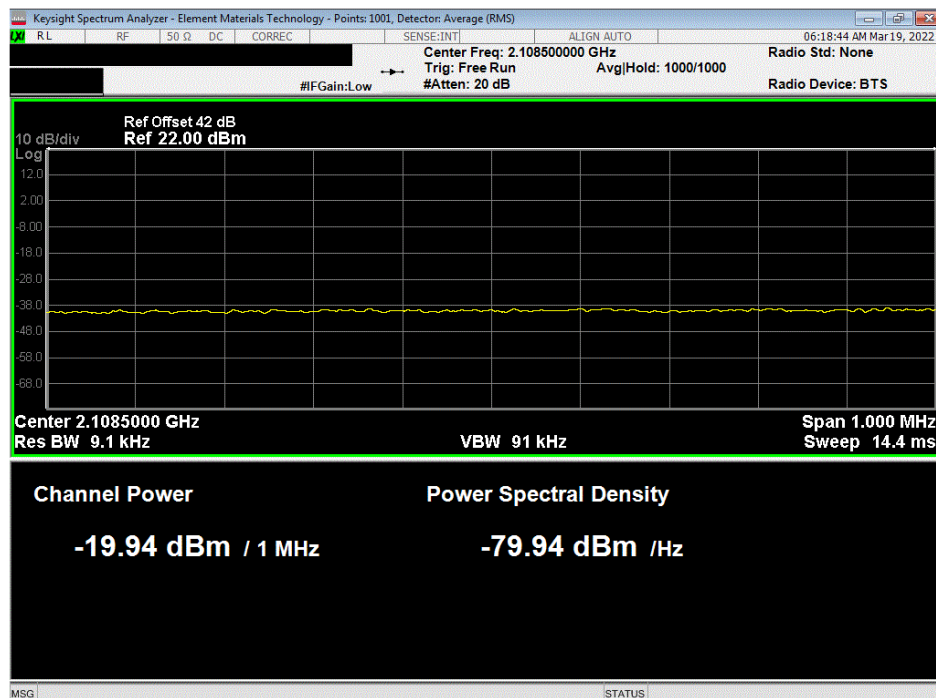


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
1		-28.08		-19		Pass



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
2		-19.94		-19		Pass

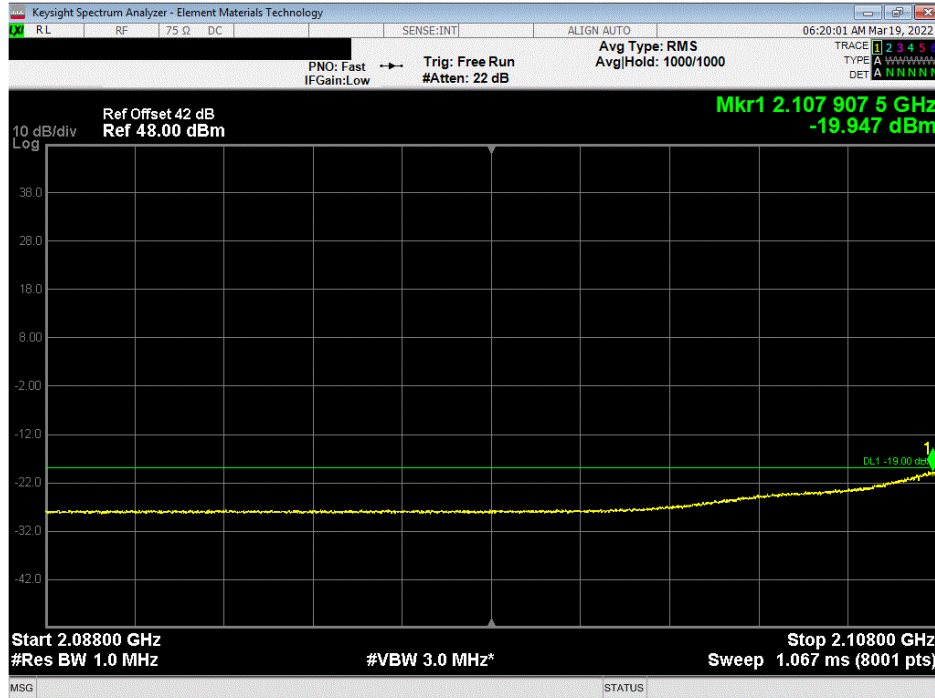


BAND EDGE COMPLIANCE



TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-19.95	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-27.90	-19	Pass			

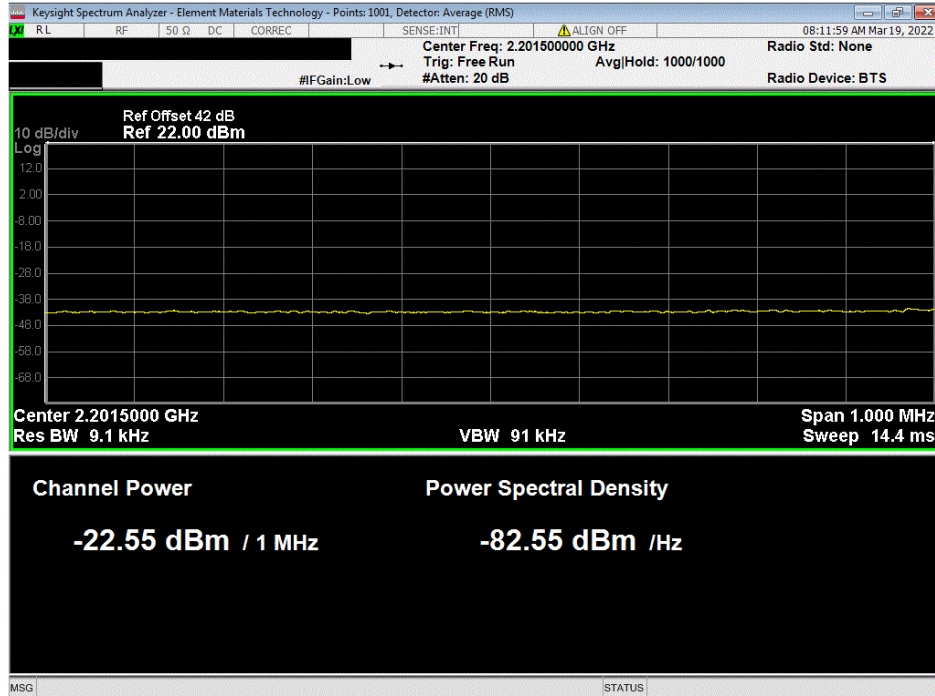


BAND EDGE COMPLIANCE

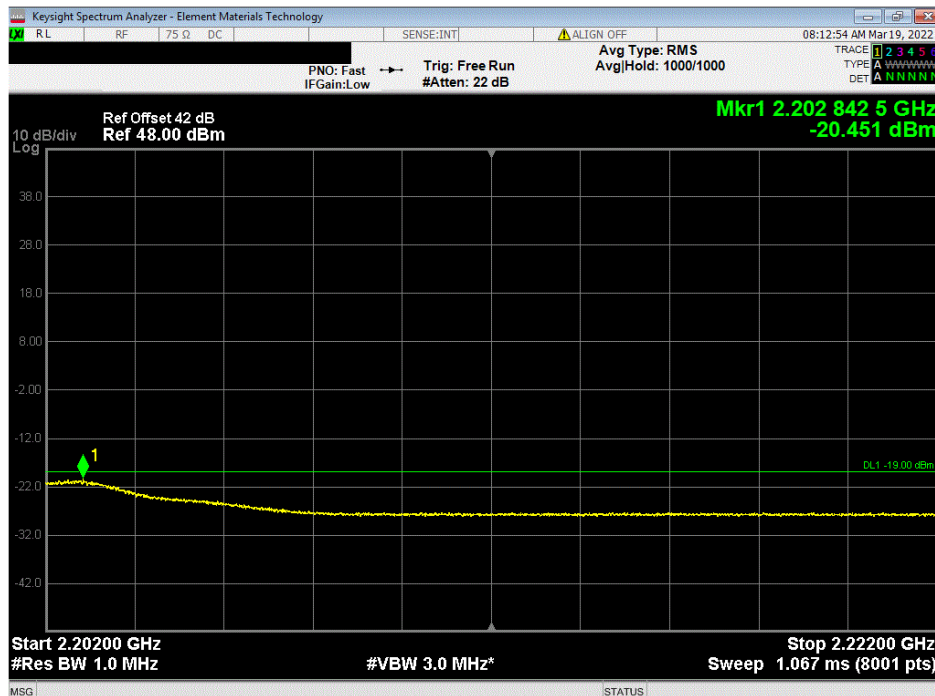


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-22.55	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-20.45	-19	Pass			

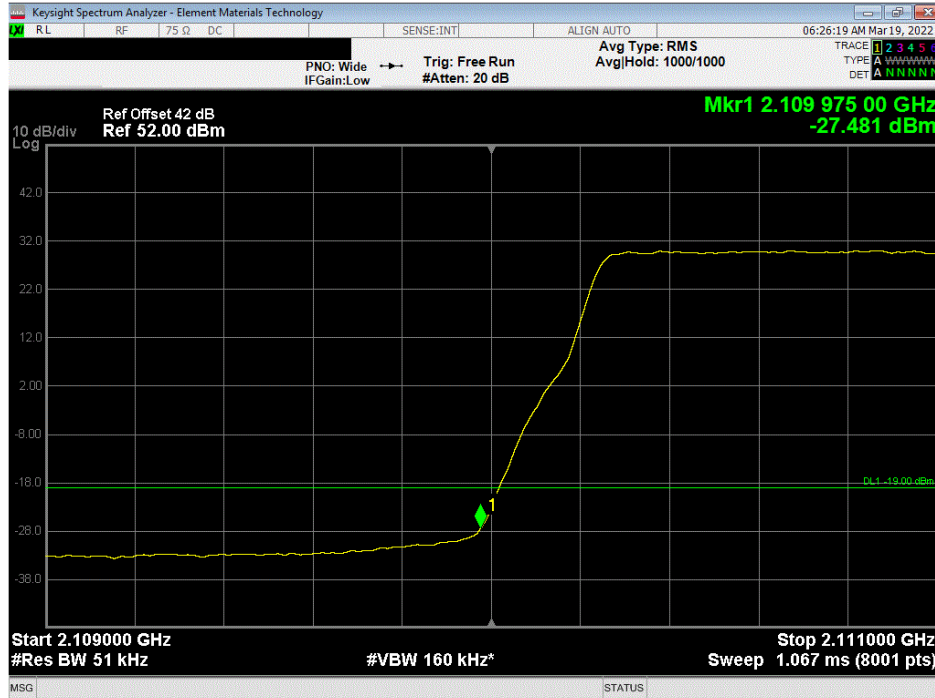


BAND EDGE COMPLIANCE

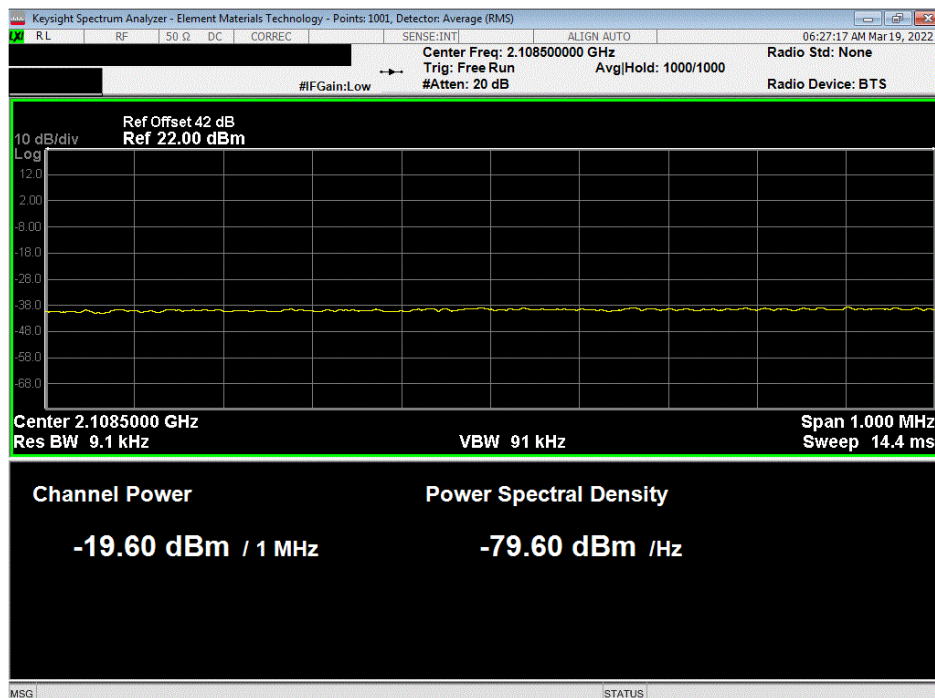


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-27.48	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-19.60	-19	Pass			

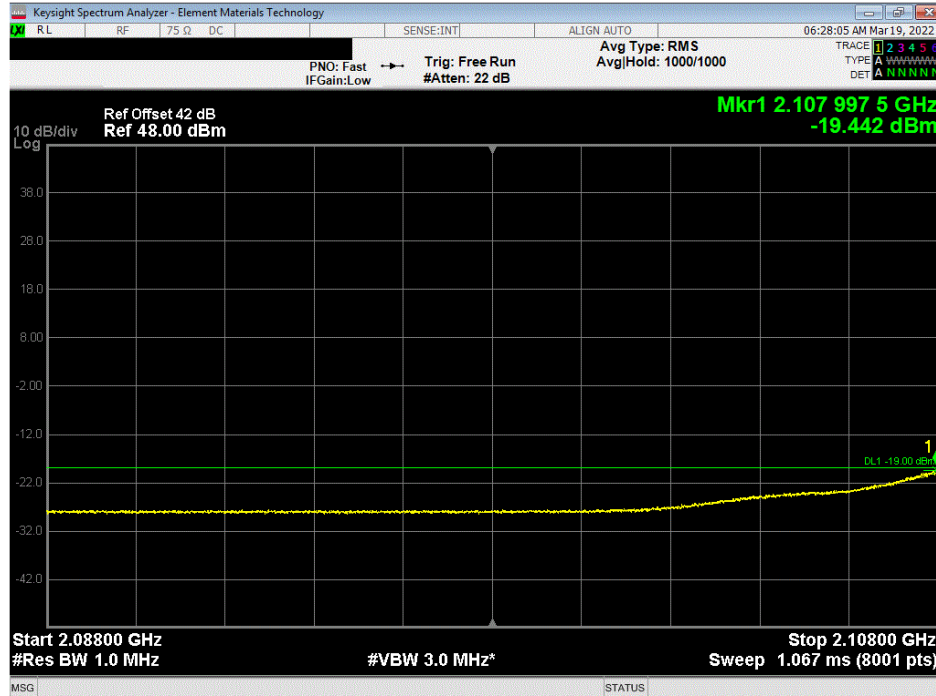


BAND EDGE COMPLIANCE

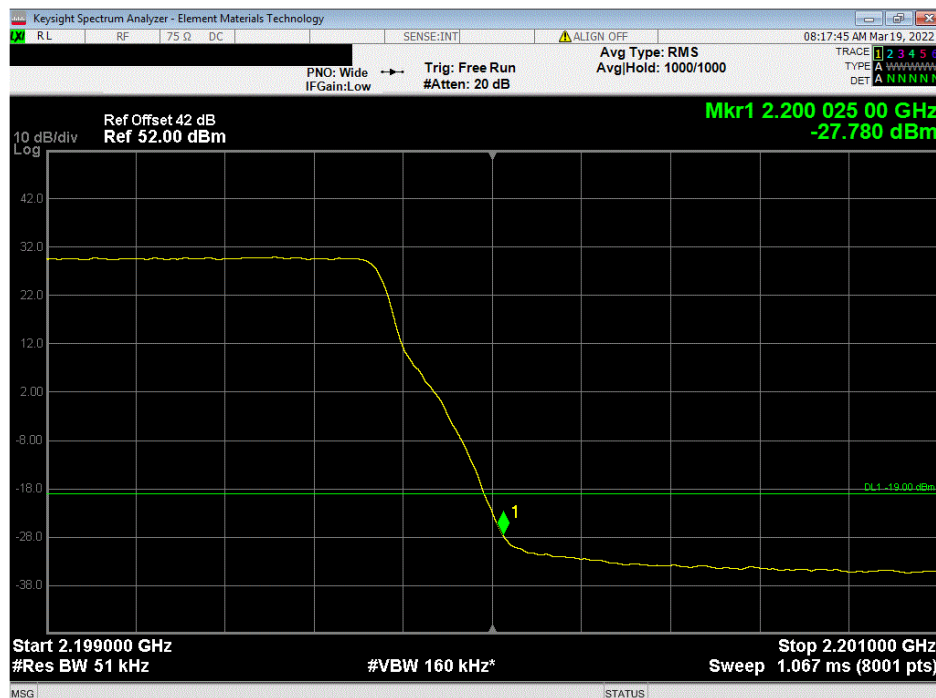


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Low Channel, 2112.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-19.44	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-27.78	-19	Pass			

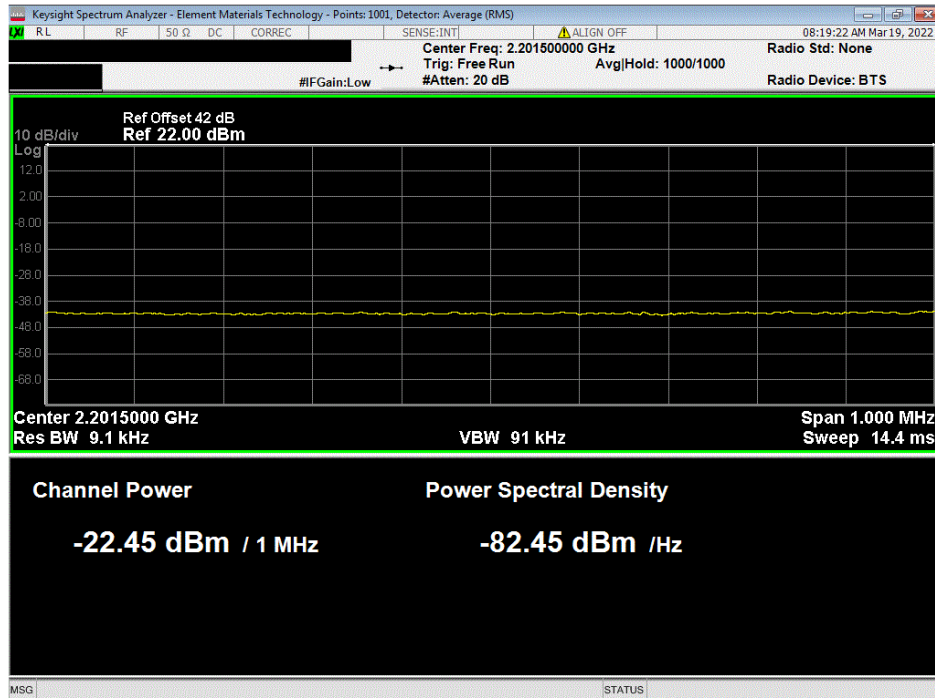


BAND EDGE COMPLIANCE

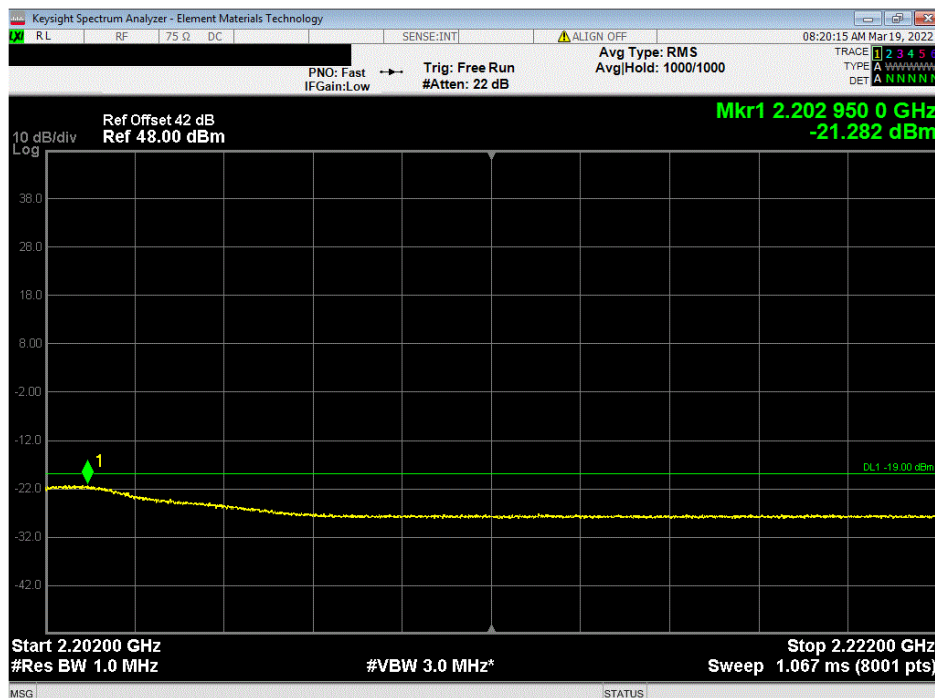


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-22.45	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, High Channel, 2197.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-21.28	-19	Pass			

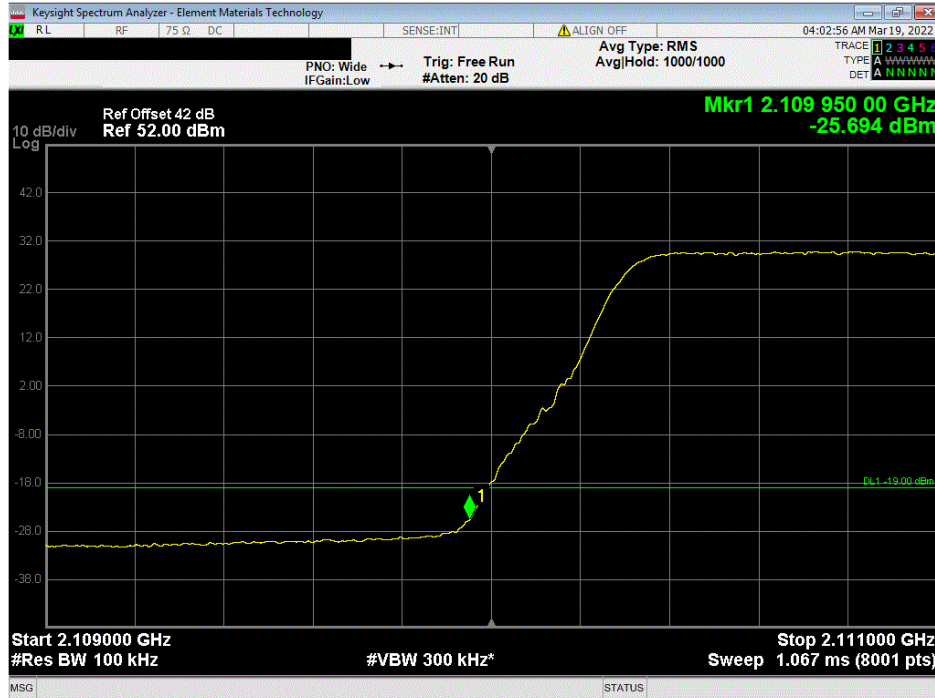


BAND EDGE COMPLIANCE

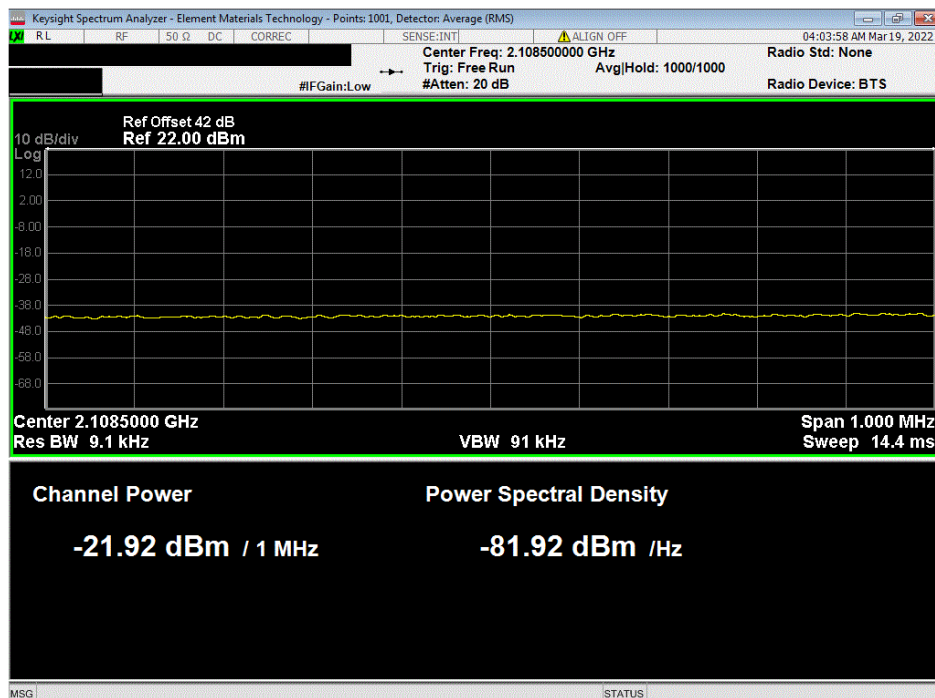


TbTtx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, QPSK Modulation, Low Channel, 2115 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-25.69	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, QPSK Modulation, Low Channel, 2115 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-21.92	-19	Pass			

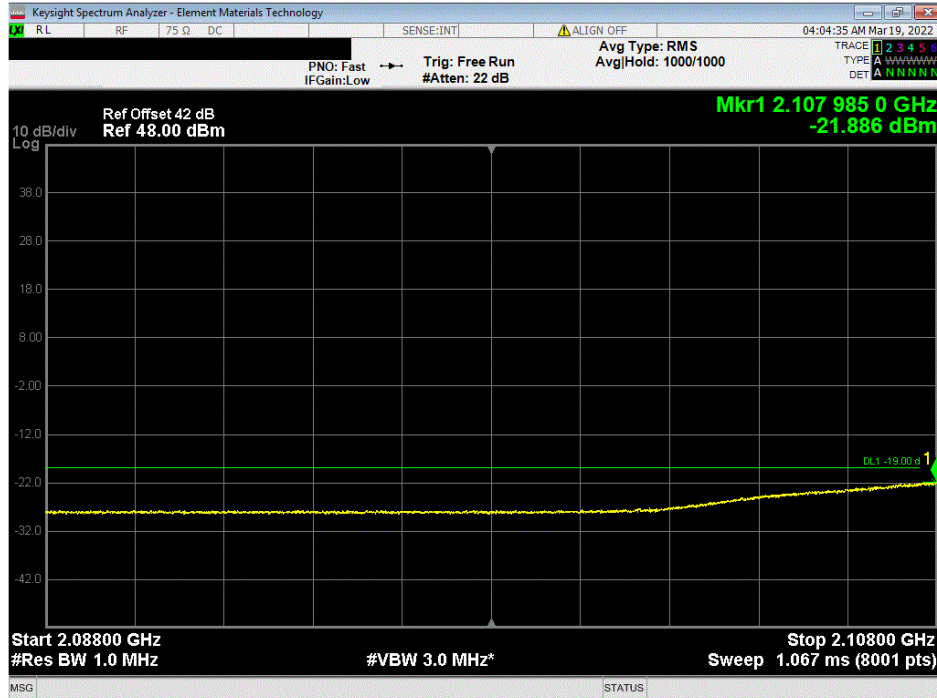


BAND EDGE COMPLIANCE

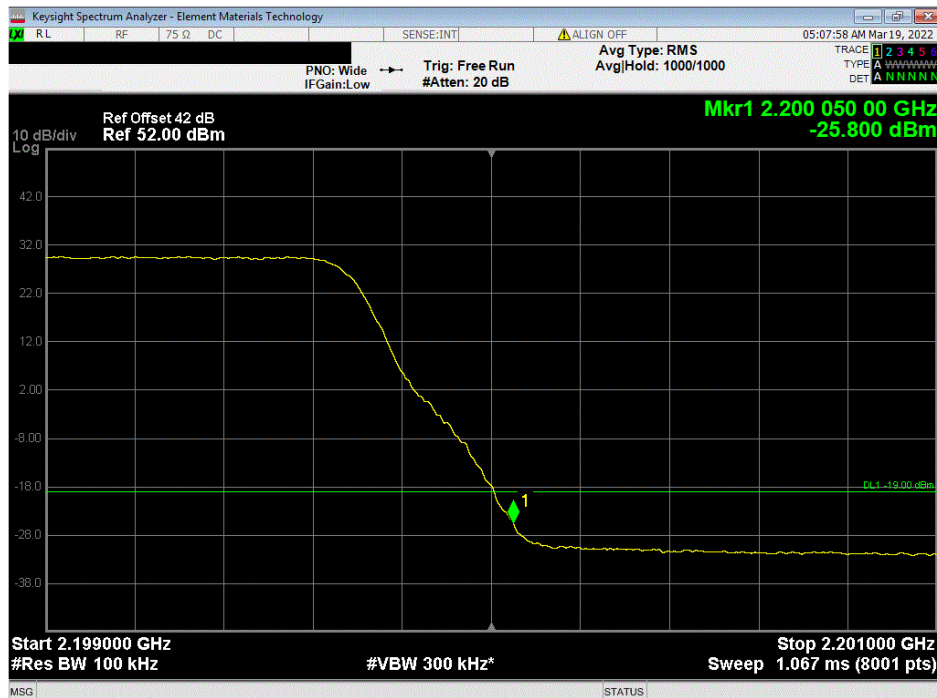


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, QPSK Modulation, Low Channel, 2115 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-21.89	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, QPSK Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-25.80	-19	Pass			

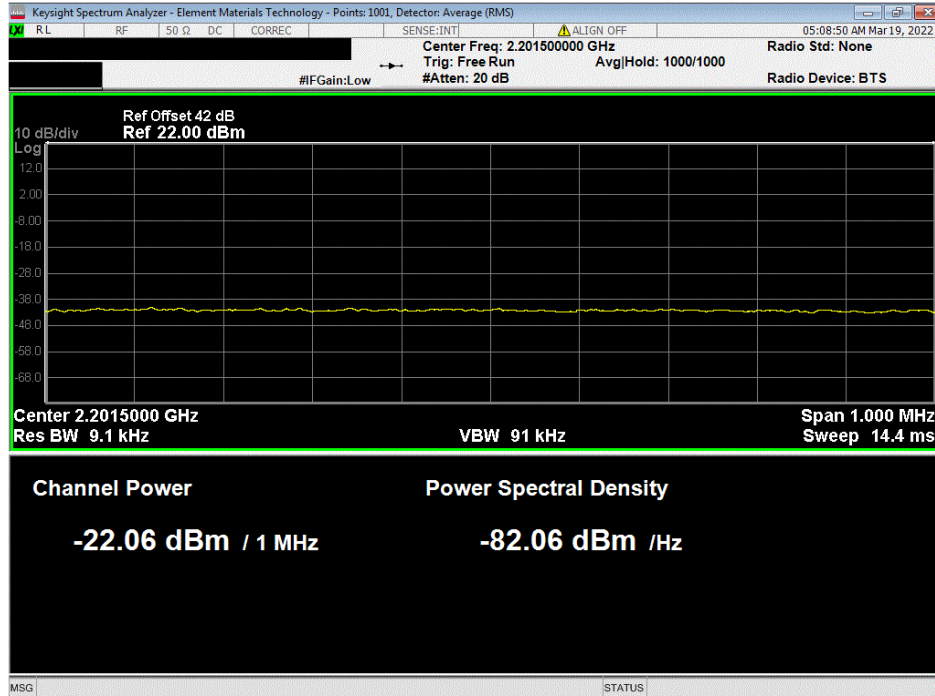


BAND EDGE COMPLIANCE

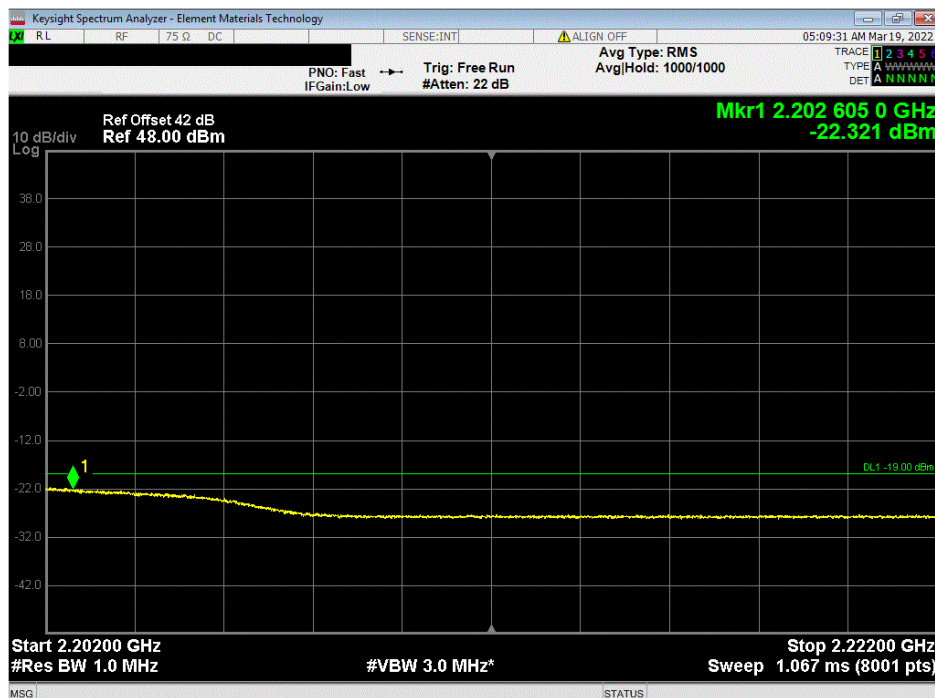


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, QPSK Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-22.06	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, QPSK Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-22.32	-19	Pass			

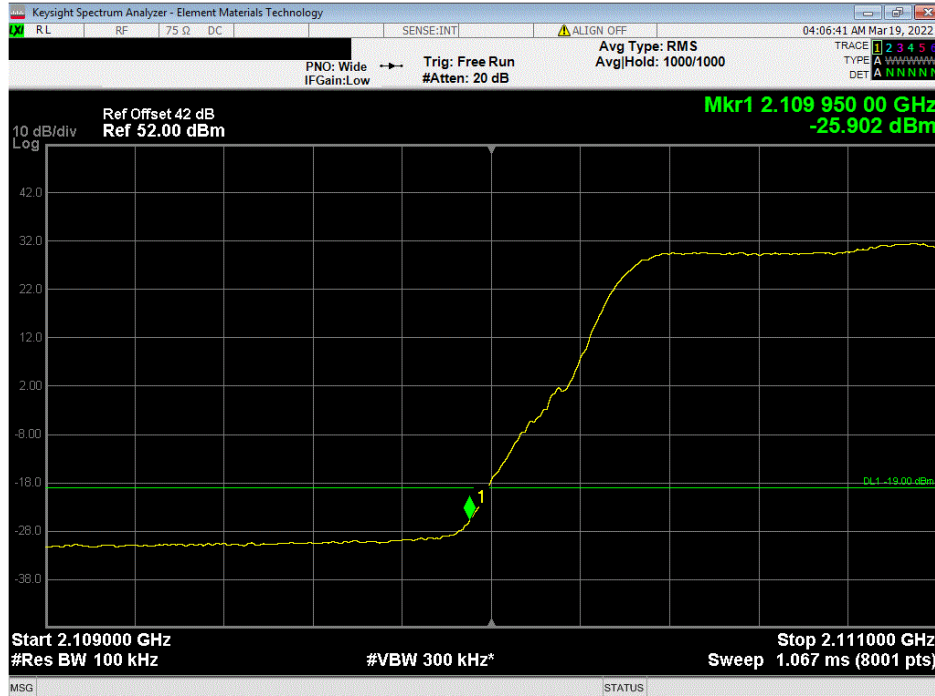


BAND EDGE COMPLIANCE

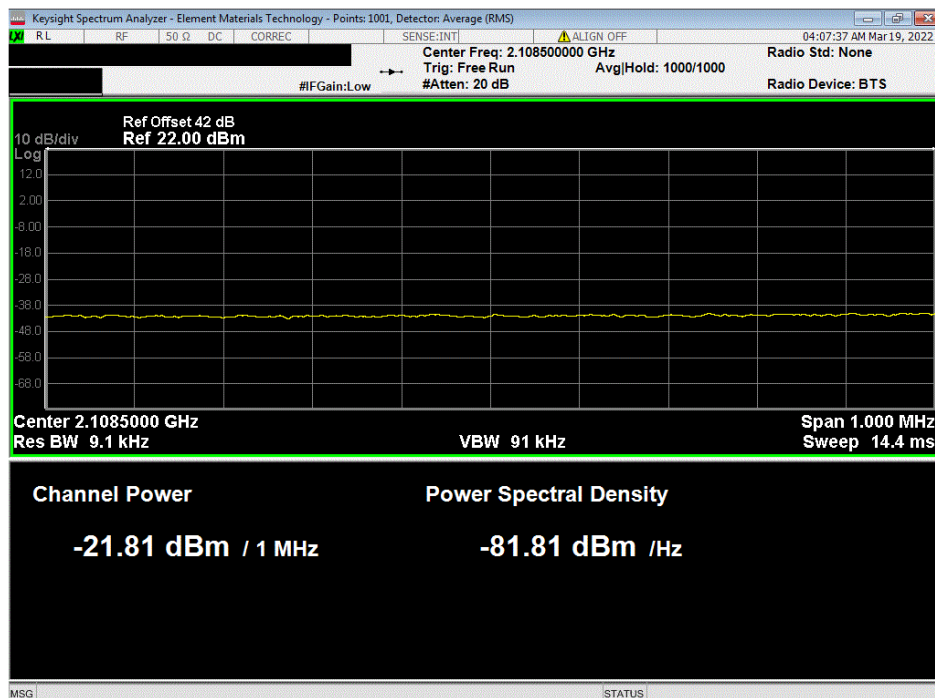


TbTx 2022.03.14.0 XbTx 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
1		-25.90		-19		Pass



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
2		-21.81		-19		Pass

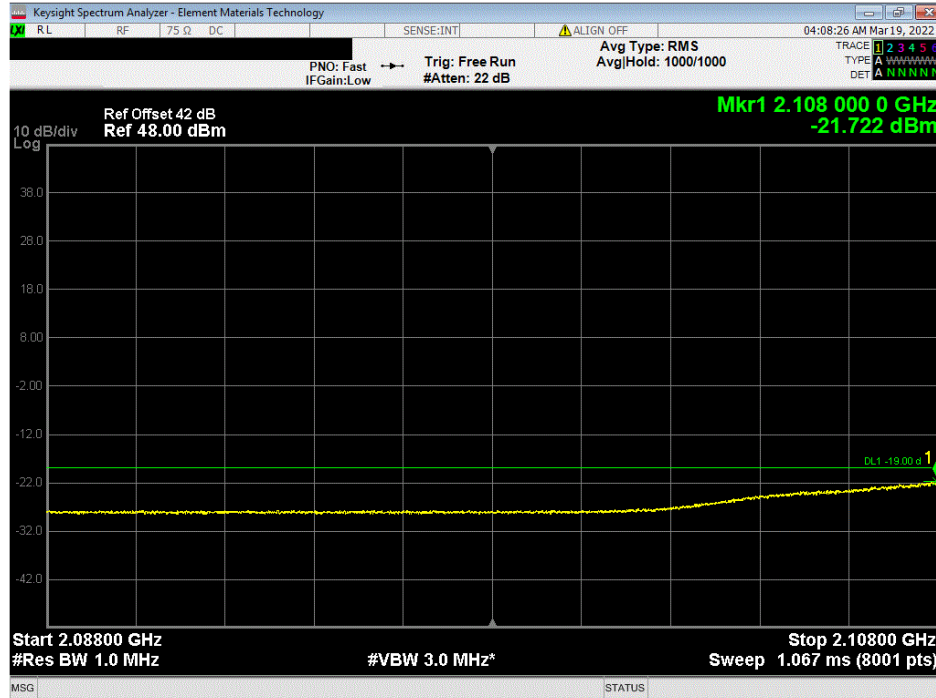


BAND EDGE COMPLIANCE

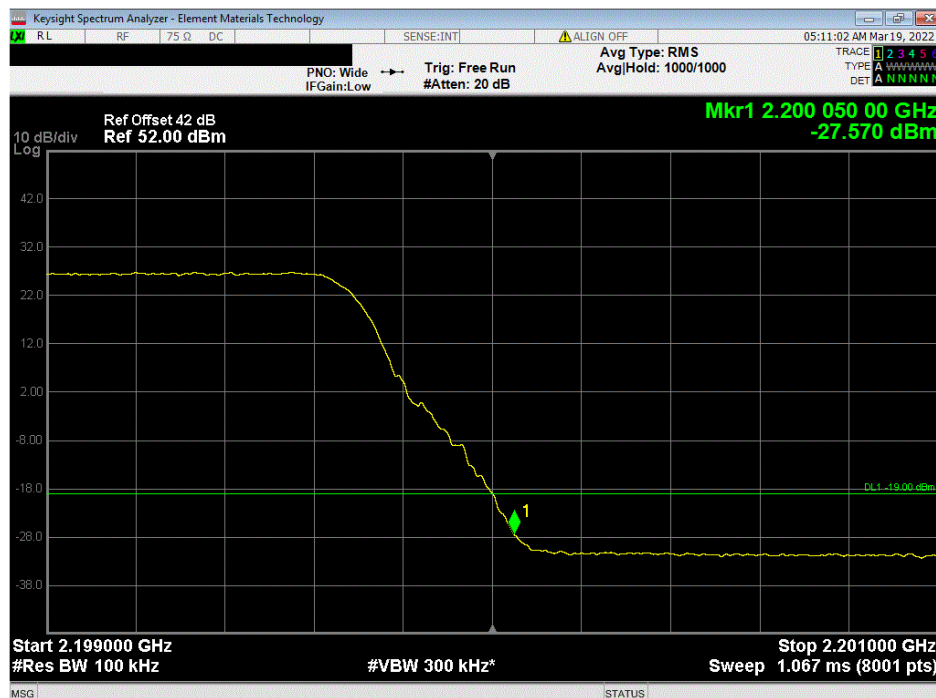


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-21.72	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-27.57	-19	Pass			

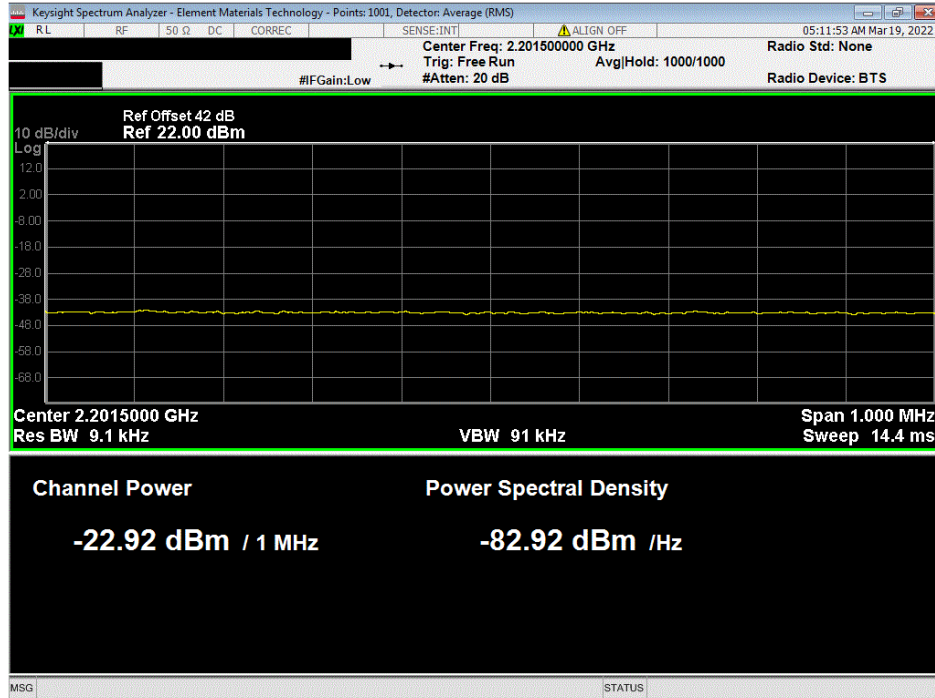


BAND EDGE COMPLIANCE

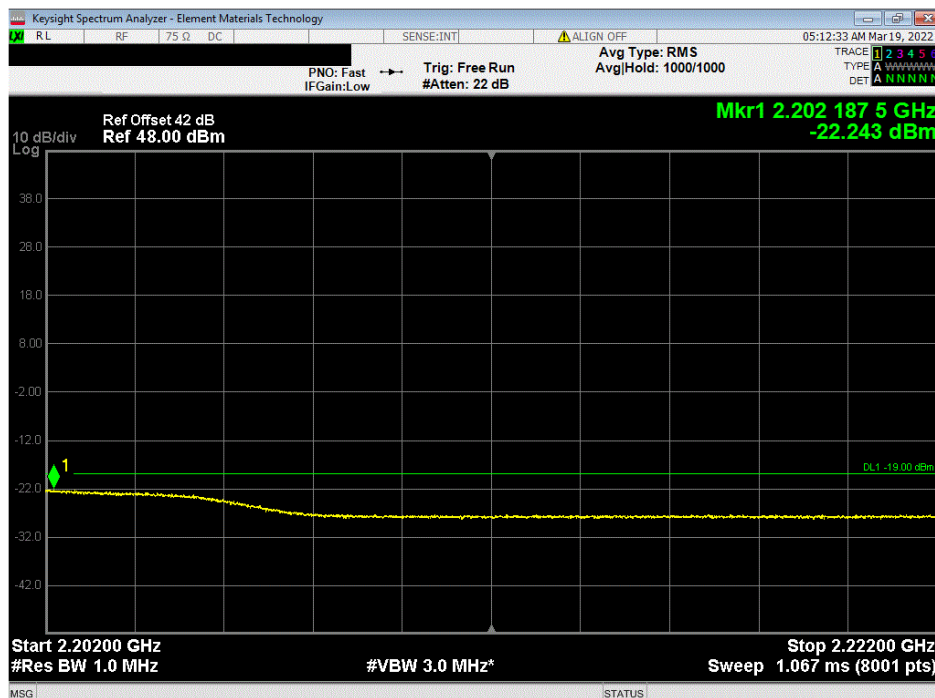


TbTtx 2022.03.14.0 XMt 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-22.92	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 16-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-22.24	-19	Pass			

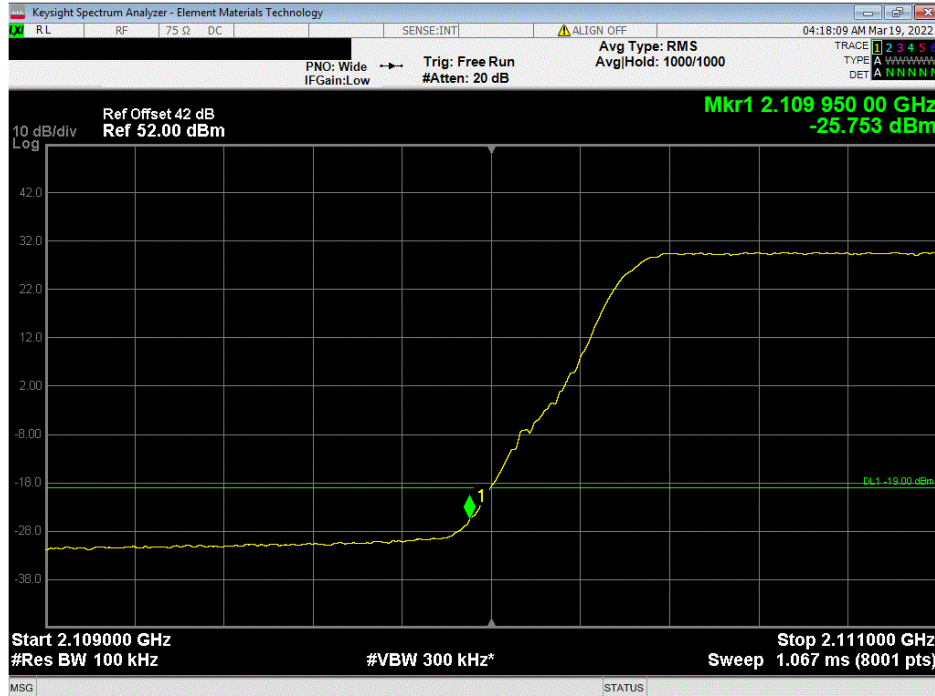


BAND EDGE COMPLIANCE

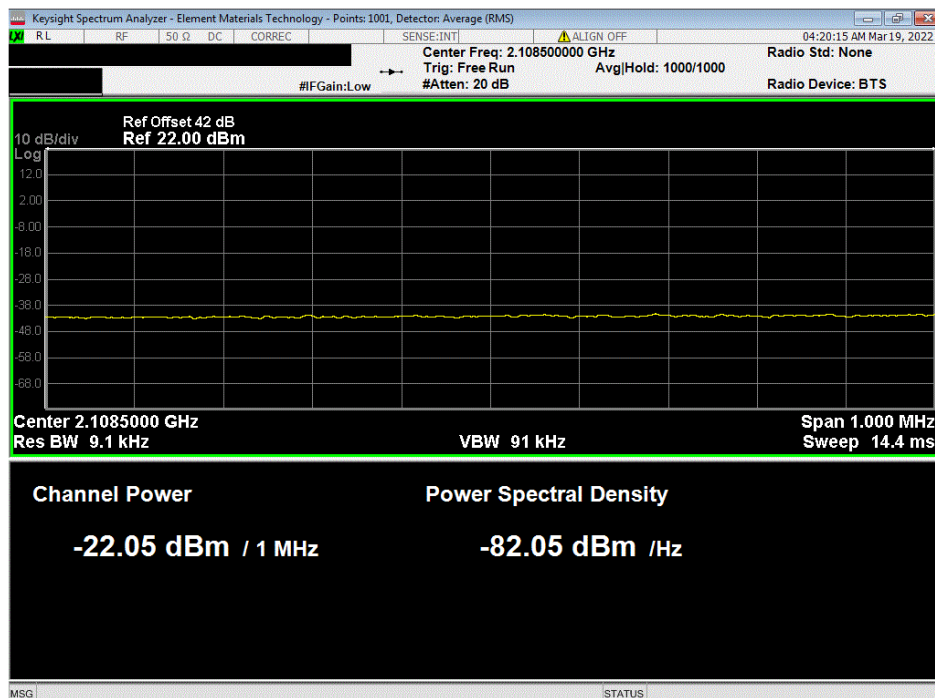


TbTx 2022.03.14.0 XbTx 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
1		-25.75		-19		Pass



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
2		-22.05		-19		Pass

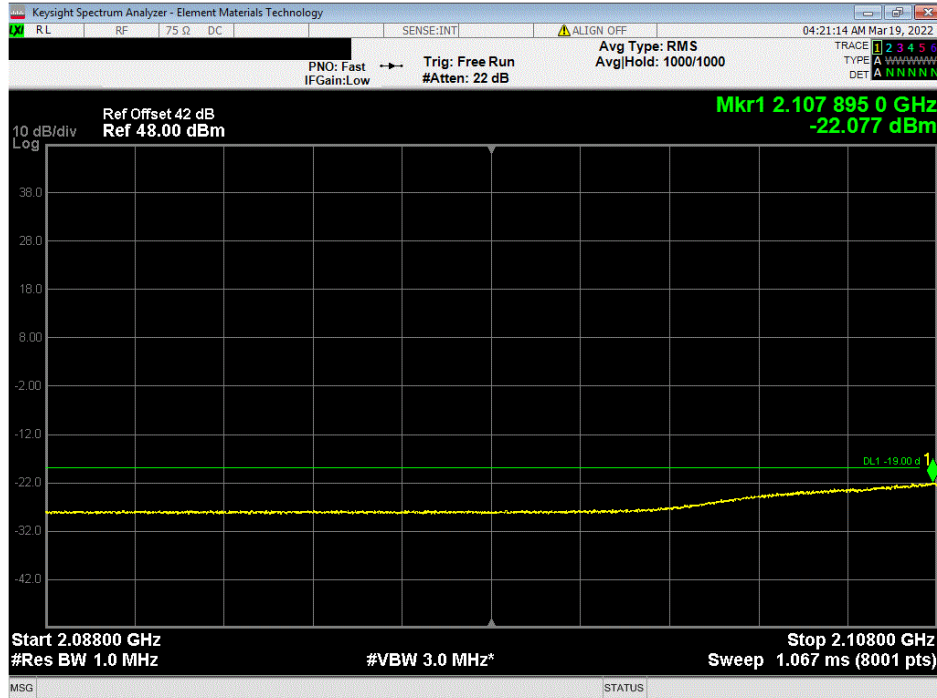


BAND EDGE COMPLIANCE

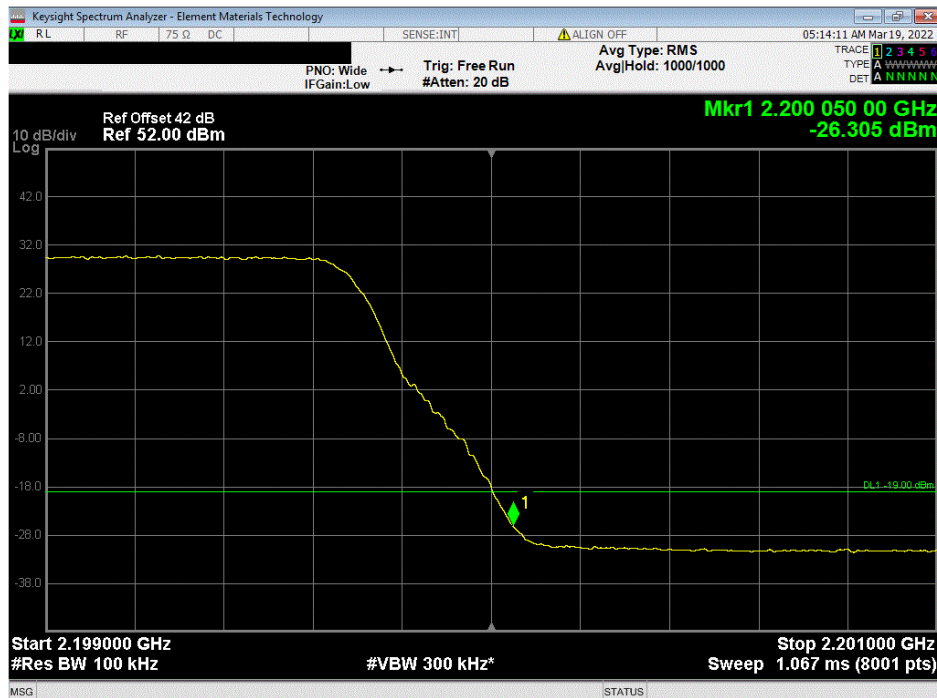


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-22.08	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-26.31	-19	Pass			

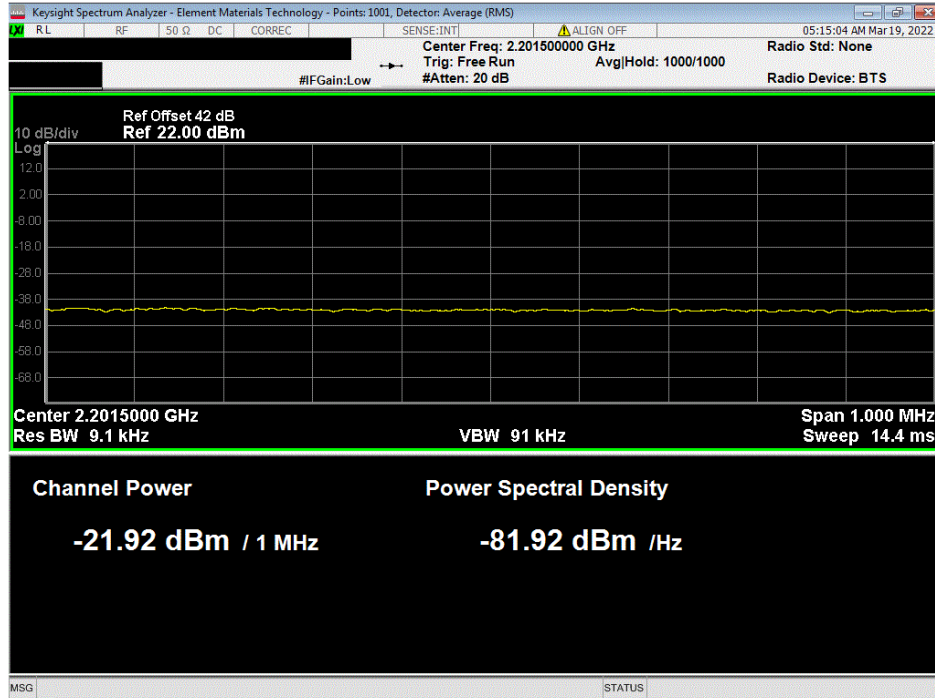


BAND EDGE COMPLIANCE

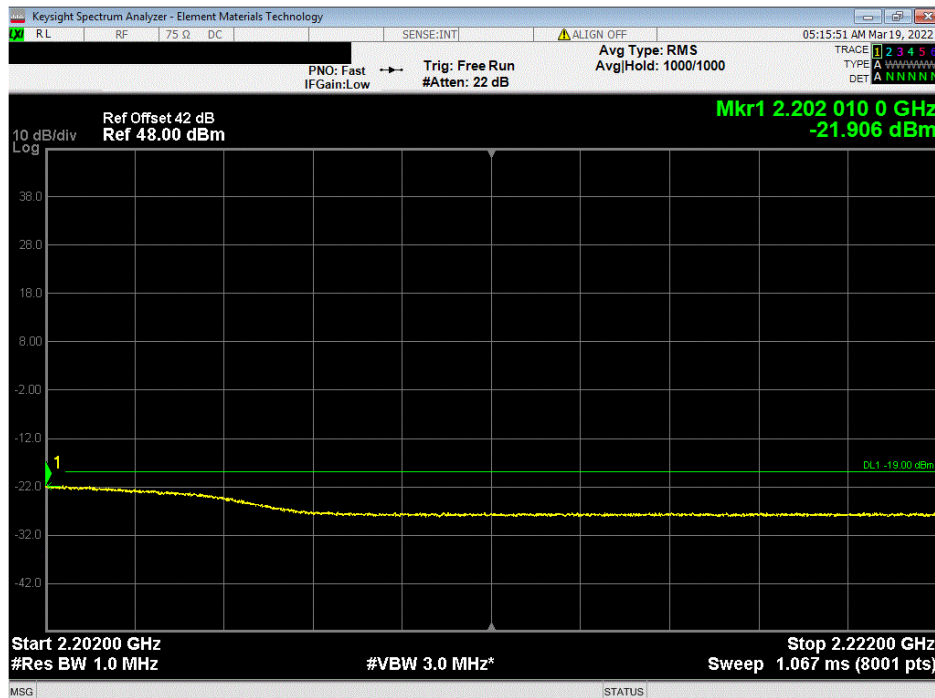


TbTx 2022.03.14.0 XMt 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-21.92	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 64-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-21.91	-19	Pass			

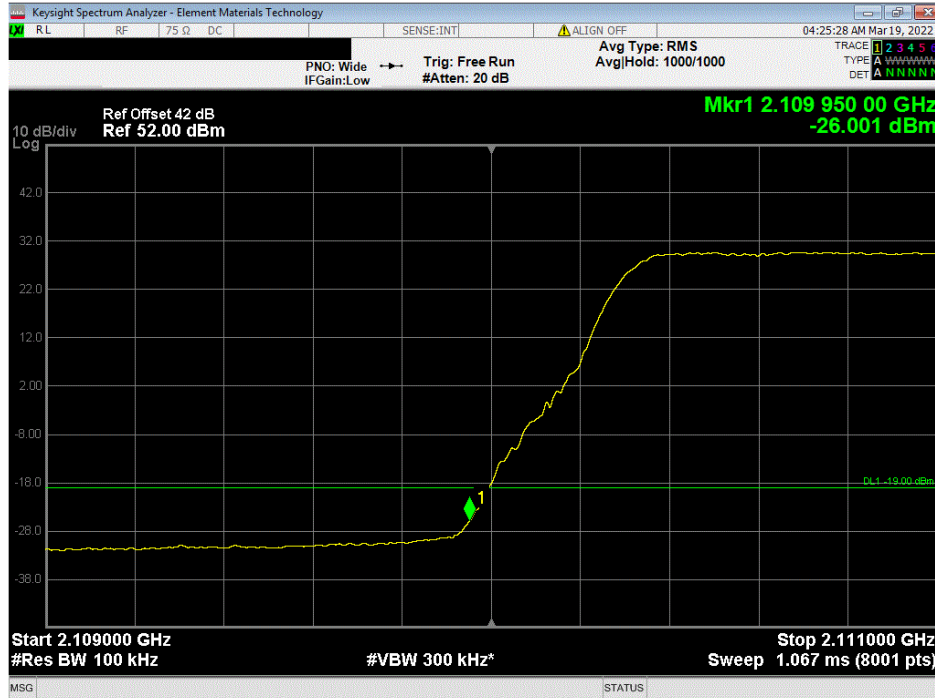


BAND EDGE COMPLIANCE

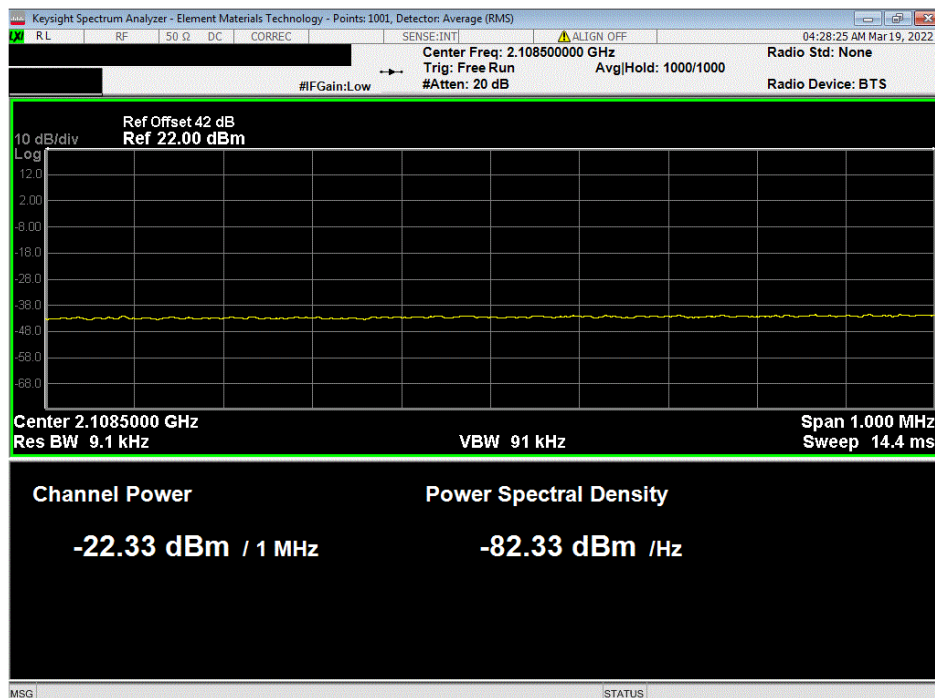


TbTtx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
1		-26.00		-19		Pass



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range		Max Value (dBm)		Limit (dBm)		Result
2		-22.33		-19		Pass

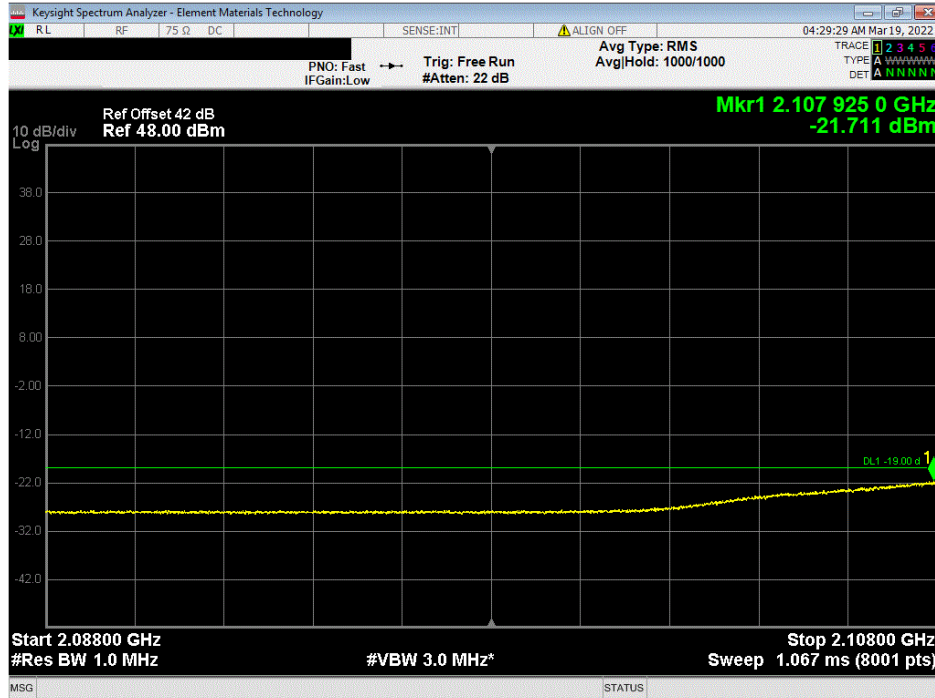


BAND EDGE COMPLIANCE

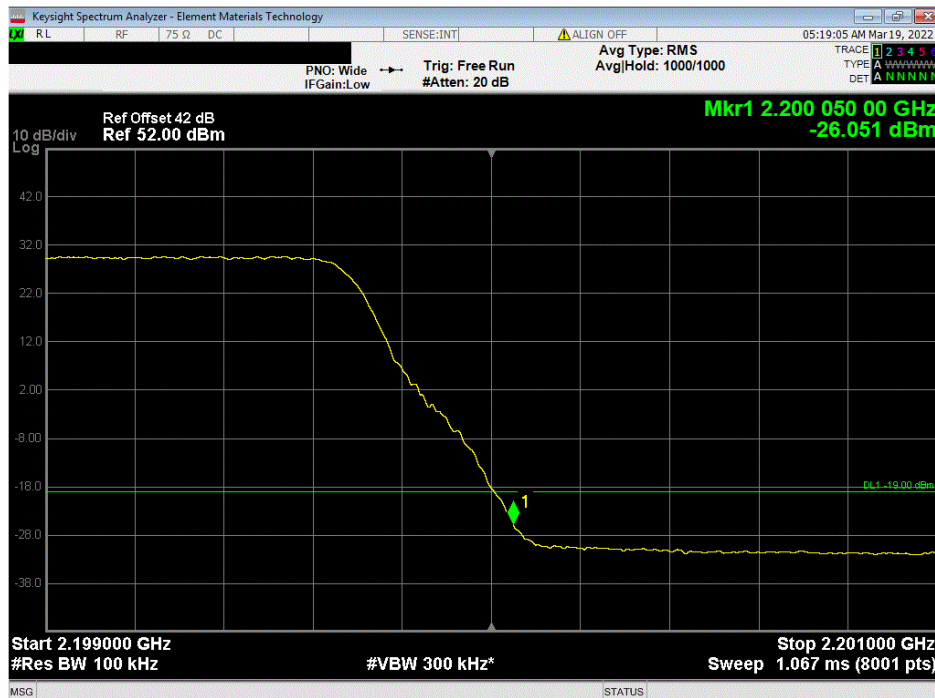


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Low Channel, 2115 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-21.71	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-26.05	-19	Pass			

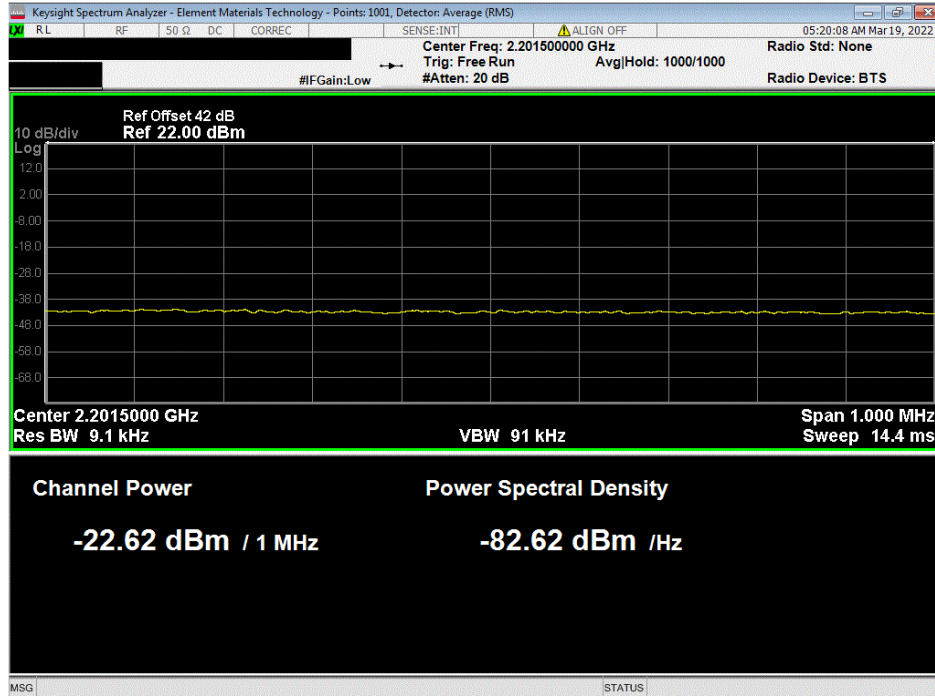


BAND EDGE COMPLIANCE

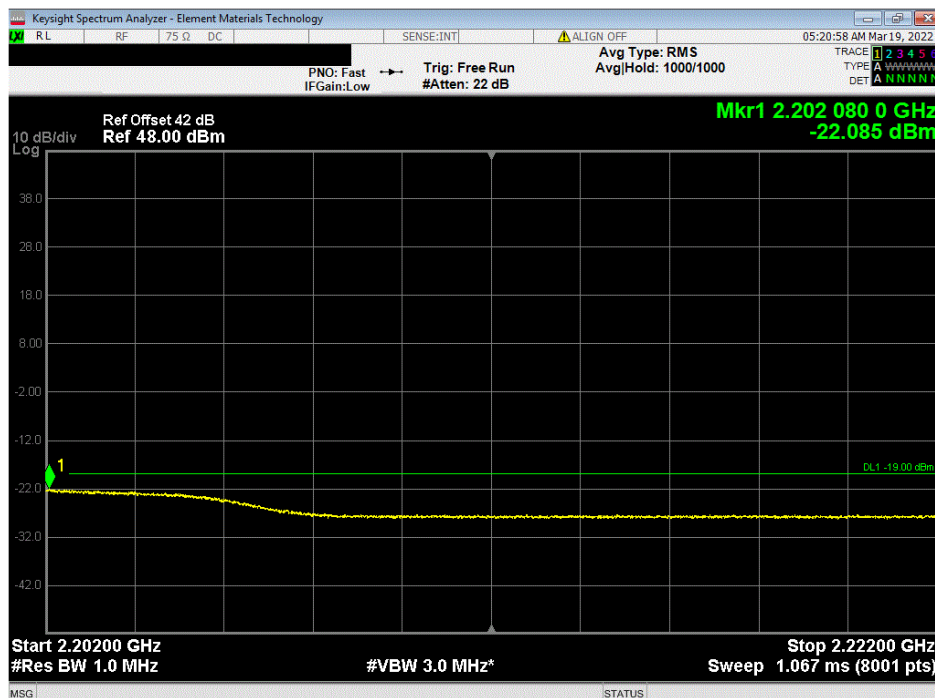


TbTx 2022.03.14.0 XMR 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-22.62	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, High Channel, 2195 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
3	-22.09	-19	Pass			

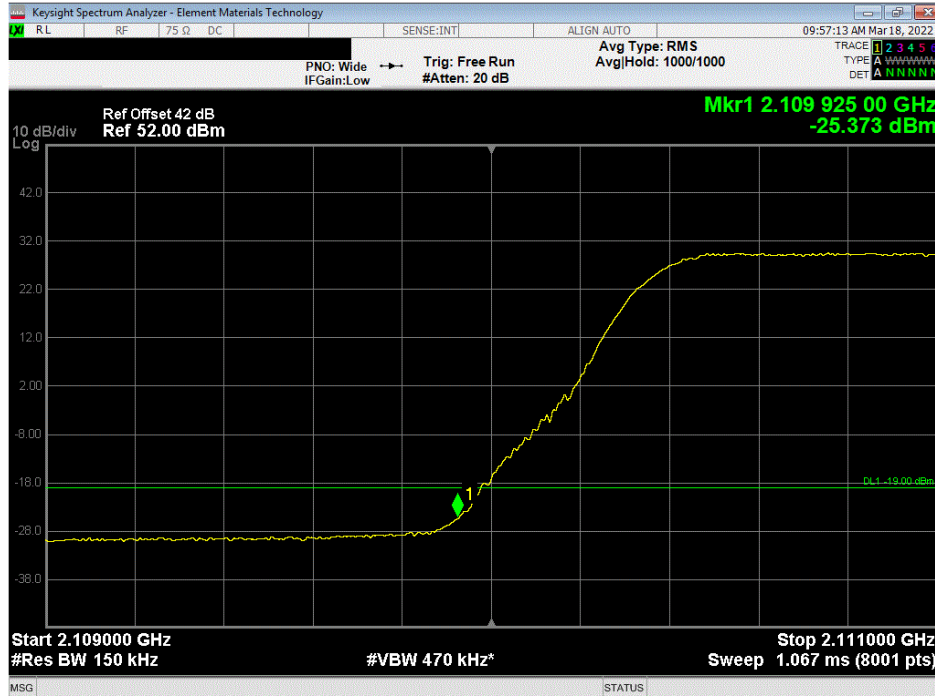


BAND EDGE COMPLIANCE

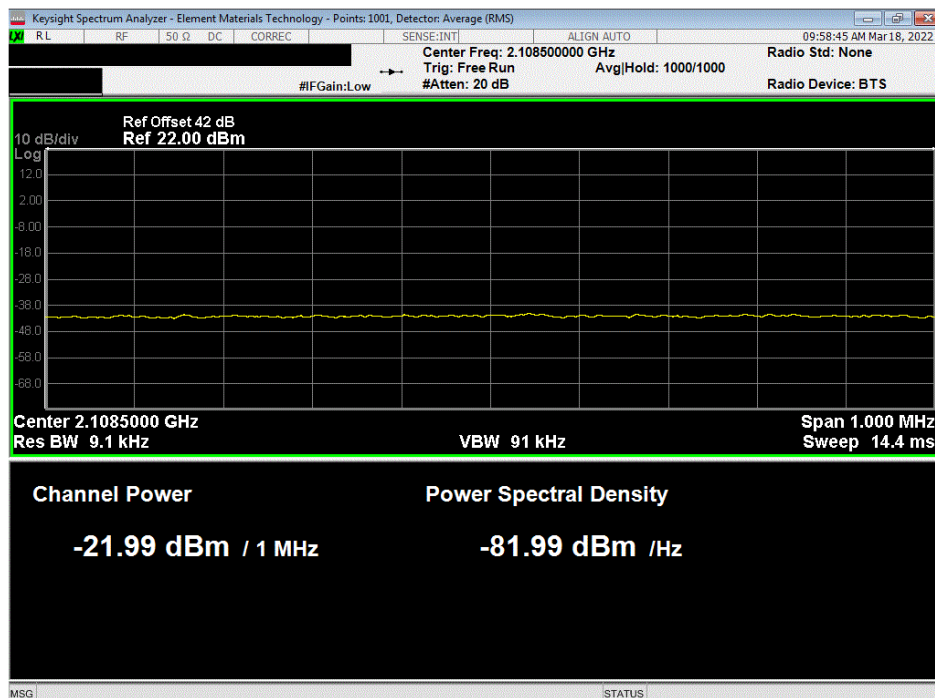


TbTtx 2022.03.14.0 XMt 2022.02.07.0

Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 15 MHz Bandwidth, QPSK Modulation, Low Channel, 2117.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
1	-25.37	-19	Pass			



Band n66, 2110 MHz - 2200 MHz, 5G NR, Port 1, 15 MHz Bandwidth, QPSK Modulation, Low Channel, 2117.5 MHz						
Frequency Range	Max Value (dBm)	Limit (dBm)	Result			
2	-21.99	-19	Pass			



KeySight Spectrum Analyzer - Element Materials Technology

RL RF 75 Ω DC SENSE:INT ALIGN:AUTO Avg Type: RMS Avg|Hold: 1000/1000 09:59:24 AM Mar 18, 2022

PNO: Fast IFGain:Low Trig: Free Run #Atten: 22 dB

Ref Offset 42 dB Ref 48.00 dBm

Mkr1 2.107 765 0 GHz -21.409 dBm

10 dB/div Log

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

Start 2.08800 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Stop 2.10800 GHz Sweep 1.067 ms (8001 pts)

DL1 -19.00 dB

Keysight Spectrum Analyzer - Element Materials Technology

RL RF 75 Ω DC SENSE:INT ALIGN OFF 03:11:46 AM Mar 19, 2022

PNO: Wide IFGain:Low Trig: Free Run #Atten: 20 dB Avg Type: RMS AvgHold: 1000/1000

TRAC 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 52.00 dBm

Mkr1 2.200 075 00 GHz -25.842 dBm

10 dB/div Log

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

DL1 -19.00 dBm

Start 2.199000 GHz Stop 2.201000 GHz

#Res BW 150 kHz #VBW 470 kHz* Sweep 1.067 ms (8001 pts)

MSG STATUS