

SPURIOUS CONDUCTED EMISSIONS

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
Block - DC	Fairview Microwave	SD3379	AMM	2020-09-21	2021-09-21
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	2021-03-11	2022-03-11

TEST DESCRIPTION

The antenna port spurious emissions were measured at the RF output terminal of the EUT through 4 different attenuation configurations which continues through to the RF input of the spectrum analyzer. Analyzer plots utilizing a resolution bandwidth called out by the client's test plan were made for each modulation type from 9 KHz to 40 GHz. The conducted power of spurious emissions, up to the 10th harmonic of the transmit frequency, were investigated to ensure they were less than the limits also called out by the client's test plan shown below. The carrier transmit power levels were set to the maximum.

The measurement methods are detailed in KDB971168 D01v03 section 6 and ANSI C63.26-2015. Per FCC 2.1057(a)(1), the upper level of measurement is the 10th harmonic of the highest fundamental frequency. As such, the upper level of the measurement is approximately 40 GHz (3980 MHz * 10) for the AZQW remote radio head.

These measurements are for the frequency band after the first 1.0MHz bands immediately outside and adjacent to the frequency block.

Per section 27.53(l)(1), For base station operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. The limit is adjusted to -22 dBm [-13 dBm -10 log (8)] per FCC KDB 662911D01 v02r01 and ANSI C63.26-2015 section 6.4 because the BTS may operate as a 8 port MIMO transmitter. The resolution bandwidth to be used for these measurements must be ≥ 1 MHz per FCC 27.53(l)(1). A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided that the measured power is integrated over the full required measurement bandwidth (i.e.: 1MHz or 1% of measured emission bandwidth as specified).

The limit for the 9kHz to 150kHz frequency range was adjusted to -52dBm to correct for a spectrum analyzer RBW of 1kHz versus required RBW of 1MHz [i.e.: -52dBm = -22dBm -10log(1MHz/1kHz)]. The limit for the 150kHz to 20MHz frequency range was adjusted to -42dBm to correct for a spectrum analyzer RBW of 10kHz versus required RBW of 1MHz [i.e.: -42dBm = -22dBm -10log(1MHz/10kHz)]. The required limit of -22dBm with a RBW of ≥ 1 MHz was used for all other frequency ranges.

The RF conducted emission testing was performed on one port. The AZQW antenna ports are essentially electrically identical (the RF power variation between antenna ports is small as shown in the "Output Power - All Ports" report section) and antenna port 8 was selected to perform the testing under this effort as allowed by ANSI C63.26-2015 paragraphs 5.2.5.3, 5.7.2i, and 6.4.

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EUT: Airscale Base Transceiver Station Remote Radio Head Model AZQW		Work Order: NOKI0028	
Serial Number: YK211100168		Date: 18-Jun-21	
Customer: Nokia Solutions and Networks		Temperature: 21.8 °C	
Attendees: Mitchell Hill , David Le		Humidity: 52.7% RH	
Project: None		Barometric Pres.: 1018 mbar	
Tested by: Brandon Hobbs		Power: 54VDC	
Job Site: TX05			
TEST SPECIFICATIONS		Test Method	
FCC 27:2021		ANSI C63.26:2015	
COMMENTS			
All measurement path losses were accounted for in the reference level offset including any attenuators, filters and DC blocks. External 1 gating was set using a trig delay = 86.2us and a gate length = 3.714ms. This was accounted for based on the frequency range being tested. The carrier power was set to maximum for all testing			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	1,2,3,4	Signature 	
		Max Value (dBm)	Limit < (dBm) Result
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8			
20MHz Bandwidth			
256-QAM Modulation			
Mid Ch. 3840 MHz			
Range 1, 9kHz - 150kHz		-79.0	-52 Pass
Range 2, 150kHz - 20MHz		-70.0	-42 Pass
Range 3, 20MHz - 3.5GHz		-28.1	-22 Pass
Range 4, 3.5GHz - 5.5GHz		-29.4	-22 Pass
Range 5, 5.5GHz - 13GHz		-46.1	-22 Pass
Range 6, 13GHz - 22GHz		-48.9	-22 Pass
Range 7, 22GHz - 31GHz		-43.4	-22 Pass
Range 8, 31GHz - 40GHz		-33.0	-22 Pass
40MHz Bandwidth			
256-QAM Modulation			
Mid Ch. 3840 MHz			
Range 1, 9kHz - 150kHz		-78.6	-52 Pass
Range 2, 150kHz - 20MHz		-68.3	-42 Pass
Range 3, 20MHz - 3.5GHz		-28.1	-22 Pass
Range 4, 3.5GHz - 5.5GHz		-30.8	-22 Pass
Range 5, 5.5GHz - 13GHz		-45.3	-22 Pass
Range 6, 13GHz - 22GHz		-48.9	-22 Pass
Range 7, 22GHz - 31GHz		-43.4	-22 Pass
Range 8, 31GHz - 40GHz		-33.1	-22 Pass
60MHz Bandwidth			
QPSK Modulation			
Mid Ch. 3840 MHz			
Range 1, 9kHz - 150kHz		-78.8	-52 Pass
Range 2, 150kHz - 20MHz		-69.8	-42 Pass
Range 3, 20MHz - 3.5GHz		-28.0	-22 Pass
Range 4, 3.5GHz - 5.5GHz		-30.7	-22 Pass
Range 5, 5.5GHz - 13GHz		-45.8	-22 Pass
Range 6, 13GHz - 22GHz		-49.1	-22 Pass
Range 7, 22GHz - 31GHz		-43.7	-22 Pass
Range 8, 31GHz - 40GHz		-33.2	-22 Pass
16-QAM Modulation			
Mid Ch. 3840 MHz			
Range 1, 9kHz - 150kHz		-78.7	-52 Pass
Range 2, 150kHz - 20MHz		-69.2	-42 Pass
Range 3, 20MHz - 3.5GHz		-28.0	-22 Pass
Range 4, 3.5GHz - 5.5GHz		-30.6	-22 Pass
Range 5, 5.5GHz - 13GHz		-45.3	-22 Pass
Range 6, 13GHz - 22GHz		-48.8	-22 Pass
Range 7, 22GHz - 31GHz		-43.3	-22 Pass
Range 8, 31GHz - 40GHz		-33.0	-22 Pass
64-QAM Modulation			
Mid Ch. 3840 MHz			
Range 1, 9kHz - 150kHz		-78.4	-52 Pass
Range 2, 150kHz - 20MHz		-69.5	-42 Pass
Range 3, 20MHz - 3.5GHz		-28.1	-22 Pass
Range 4, 3.5GHz - 5.5GHz		-30.7	-22 Pass
Range 5, 5.5GHz - 13GHz		-45.3	-22 Pass
Range 6, 13GHz - 22GHz		-49.0	-22 Pass
Range 7, 22GHz - 31GHz		-43.4	-22 Pass
Range 8, 31GHz - 40GHz		-33.2	-22 Pass
256-QAM Modulation			
Mid Ch. 3840 MHz			
Range 1, 9kHz - 150kHz		-78.6	-52 Pass
Range 2, 150kHz - 20MHz		-68.9	-42 Pass
Range 3, 20MHz - 3.5GHz		-28.0	-22 Pass
Range 4, 3.5GHz - 5.5GHz		-30.9	-22 Pass
Range 5, 5.5GHz - 13GHz		-45.4	-22 Pass
Range 6, 13GHz - 22GHz		-50.0	-22 Pass
Range 7, 22GHz - 31GHz		-43.8	-22 Pass
Range 8, 31GHz - 40GHz		-33.4	-22 Pass
80MHz Bandwidth			
256-QAM Modulation			
Mid Ch. 3840 MHz			
Range 1, 9kHz - 150kHz		-79.0	-52 Pass
Range 2, 150kHz - 20MHz		-69.7	-42 Pass
Range 3, 20MHz - 3.5GHz		-28.4	-22 Pass
Range 4, 3.5GHz - 5.5GHz		-30.6	-22 Pass
Range 5, 5.5GHz - 13GHz		-45.4	-22 Pass
Range 6, 13GHz - 22GHz		-48.7	-22 Pass
Range 7, 22GHz - 31GHz		-43.5	-22 Pass
Range 8, 31GHz - 40GHz		-33.1	-22 Pass
100MHz Bandwidth			
256-QAM Modulation			
Mid Ch. 3840 MHz			
Range 1, 9kHz - 150kHz		-79.1	-52 Pass
Range 2, 150kHz - 20MHz		-70.9	-42 Pass
Range 3, 20MHz - 3.5GHz		-28.5	-22 Pass
Range 4, 3.5GHz - 5.5GHz		-31.3	-22 Pass
Range 5, 5.5GHz - 13GHz		-45.8	-22 Pass
Range 6, 13GHz - 22GHz		-48.8	-22 Pass
Range 7, 22GHz - 31GHz		-43.4	-22 Pass
Range 8, 31GHz - 40GHz		-33.1	-22 Pass

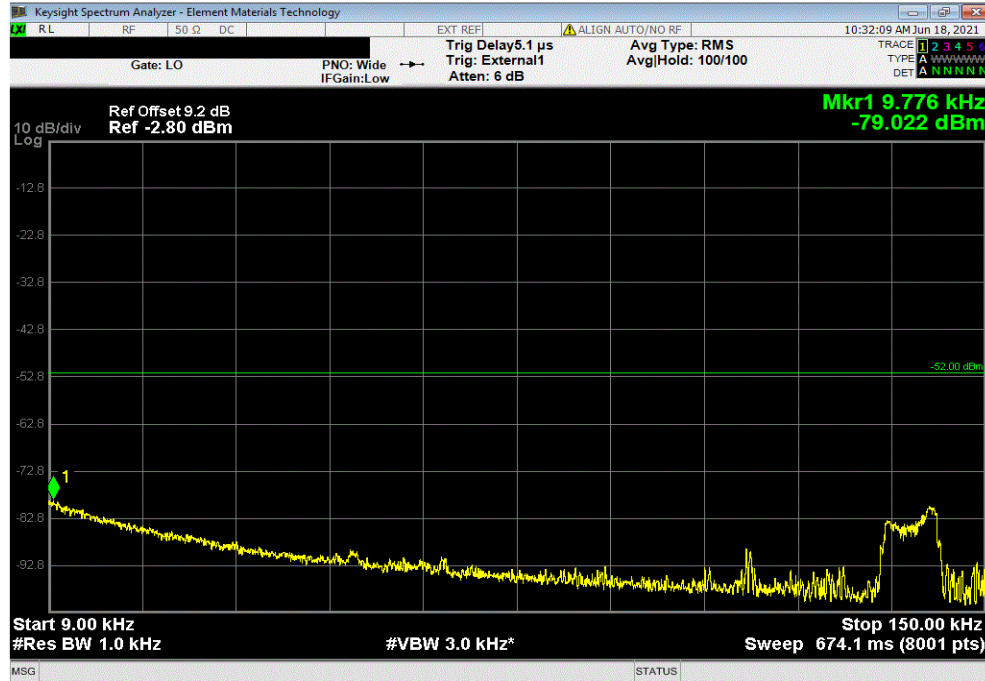
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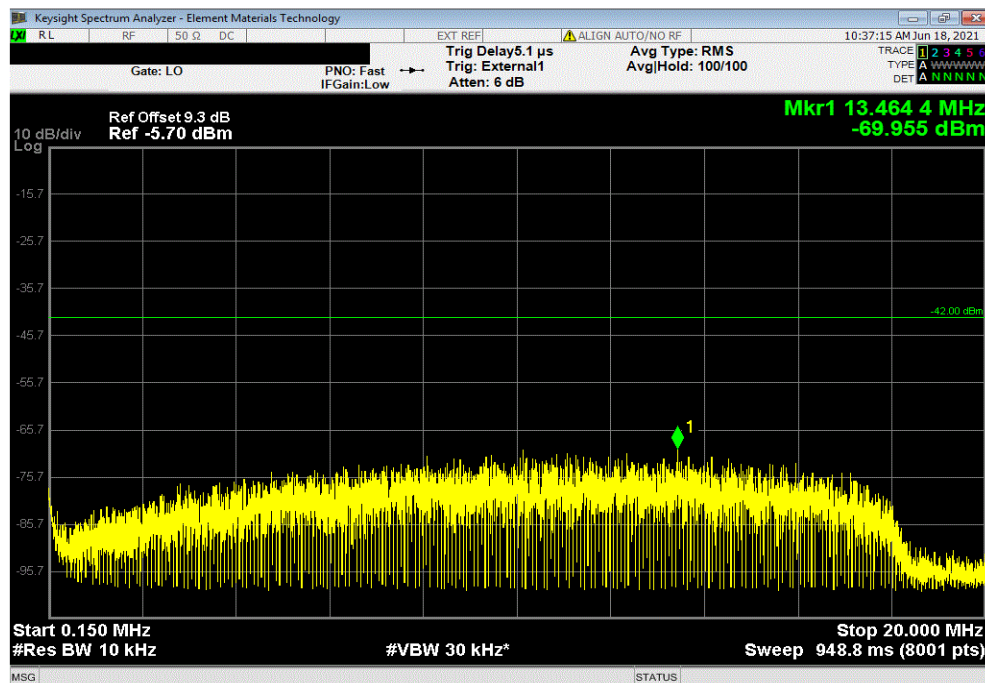
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 20MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 1, 9kHz - 150kHz

				Max Value (dBm)	Limit < (dBm)	Result
				-79.022	-52	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 20MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 2, 150kHz - 20MHz

				Max Value (dBm)	Limit < (dBm)	Result
				-69.955	-42	Pass

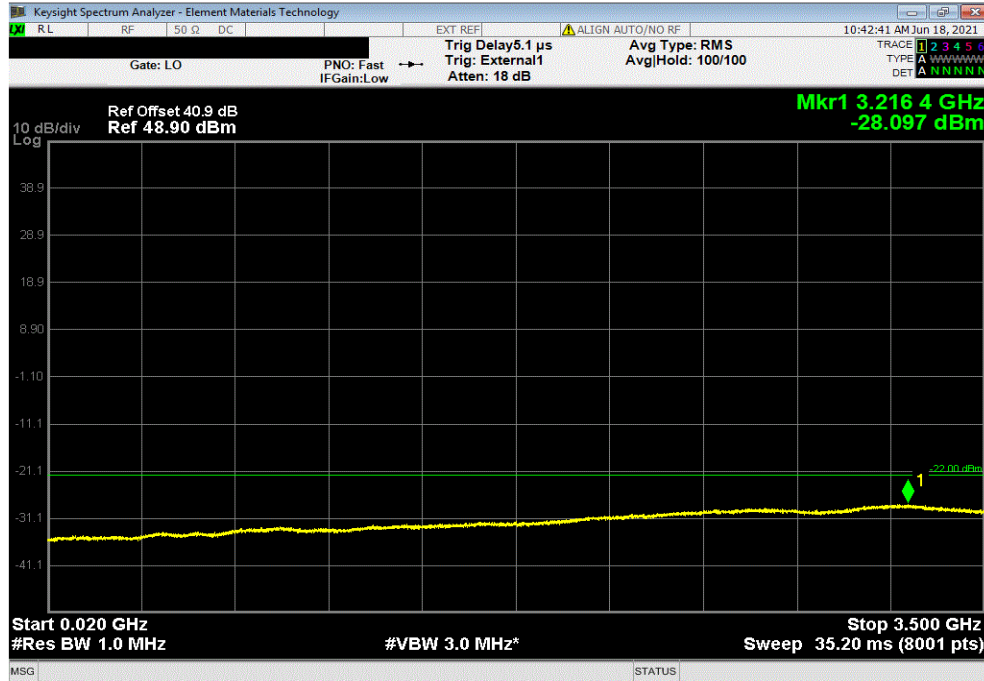


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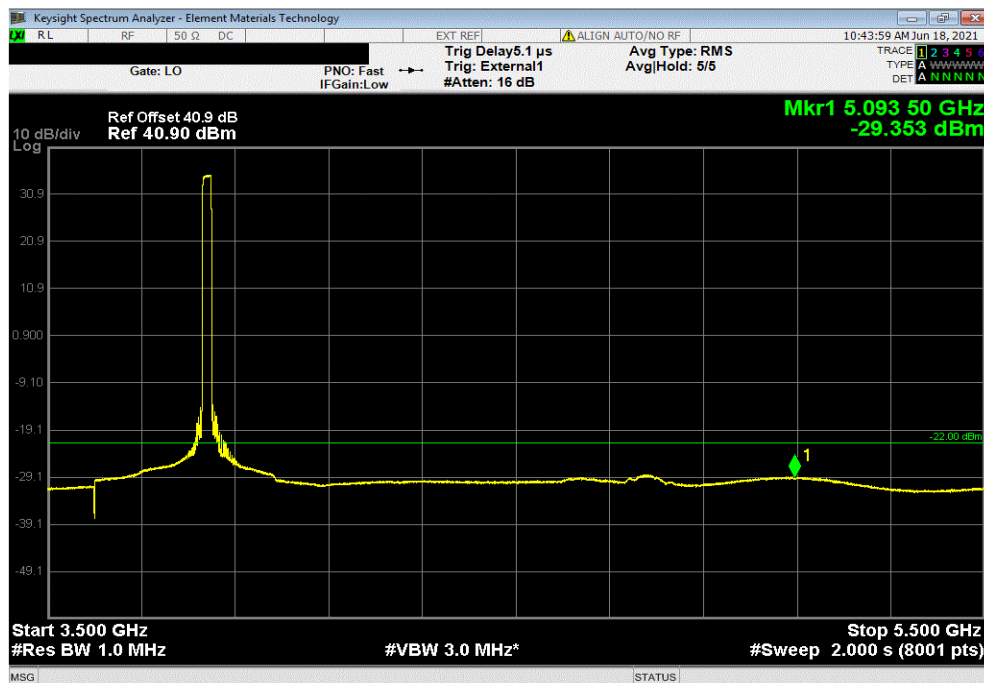


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 20MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 3, 20MHz - 3.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-28.097	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 20MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 4, 3.5GHz - 5.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-29.353	-22	Pass

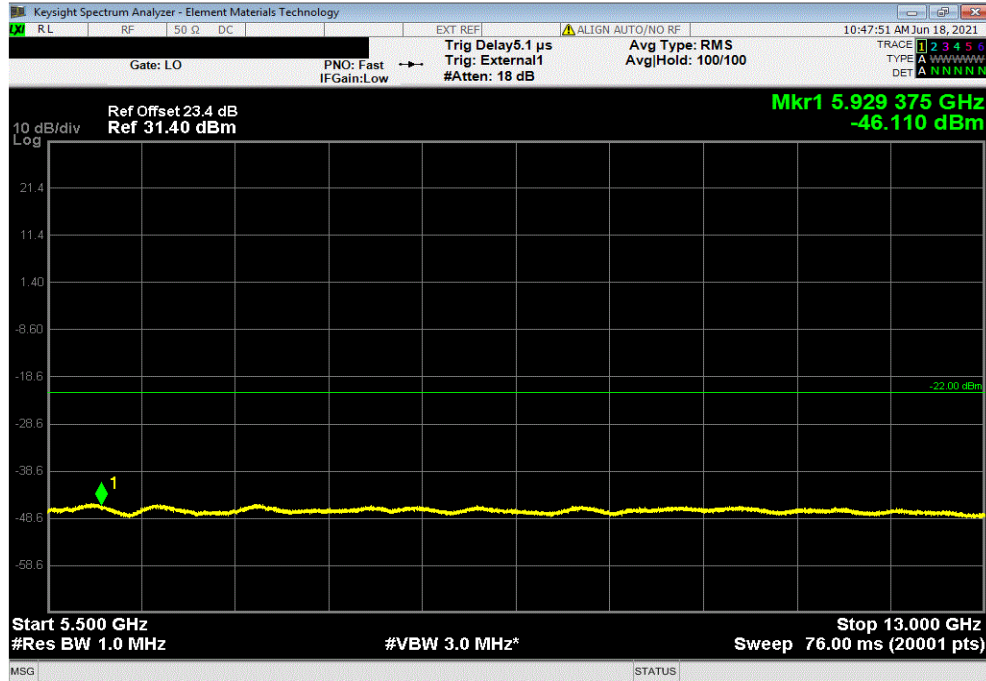


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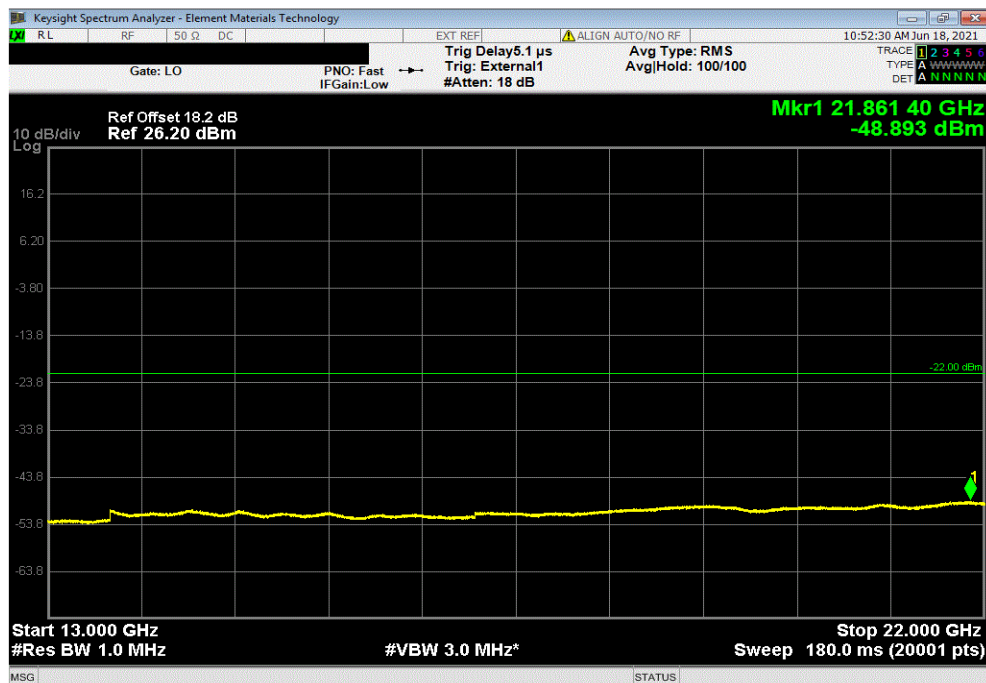


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 20MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 5, 5.5GHz - 13GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-46.11	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 20MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 6, 13GHz - 22GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-48.893	-22	Pass

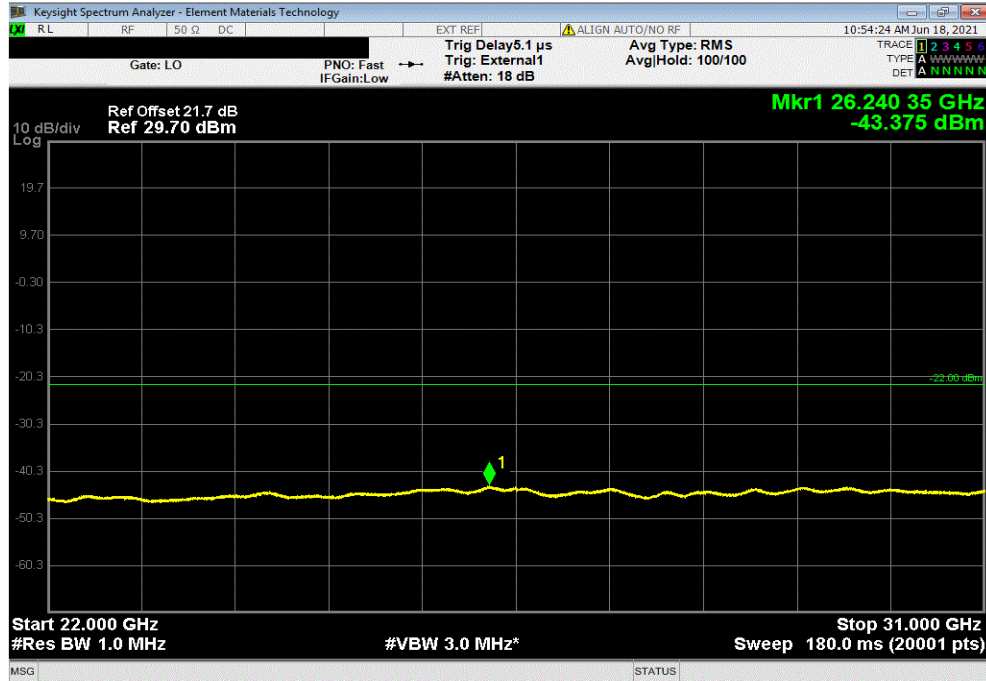


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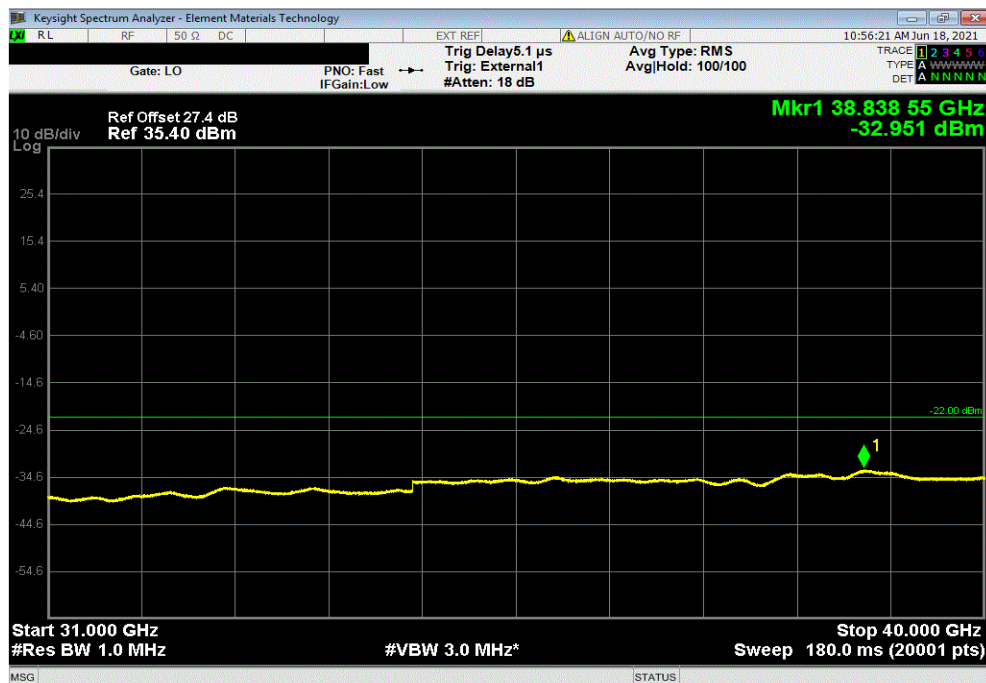


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 20MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 7, 22GHz - 31GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-43.375	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 20MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 8, 31GHz - 40GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-32.951	-22	Pass



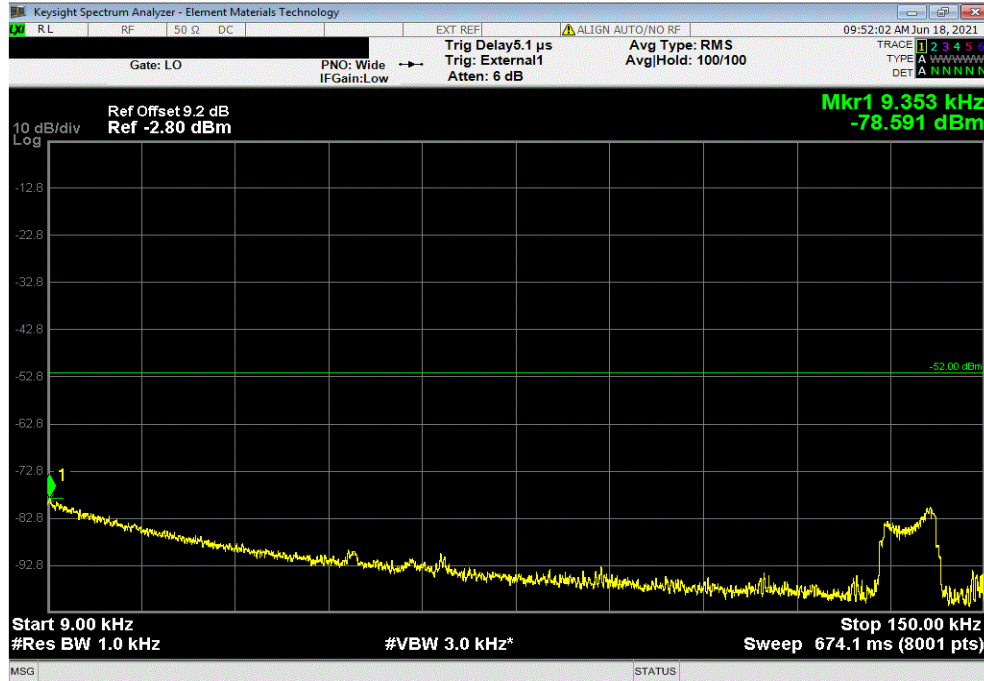
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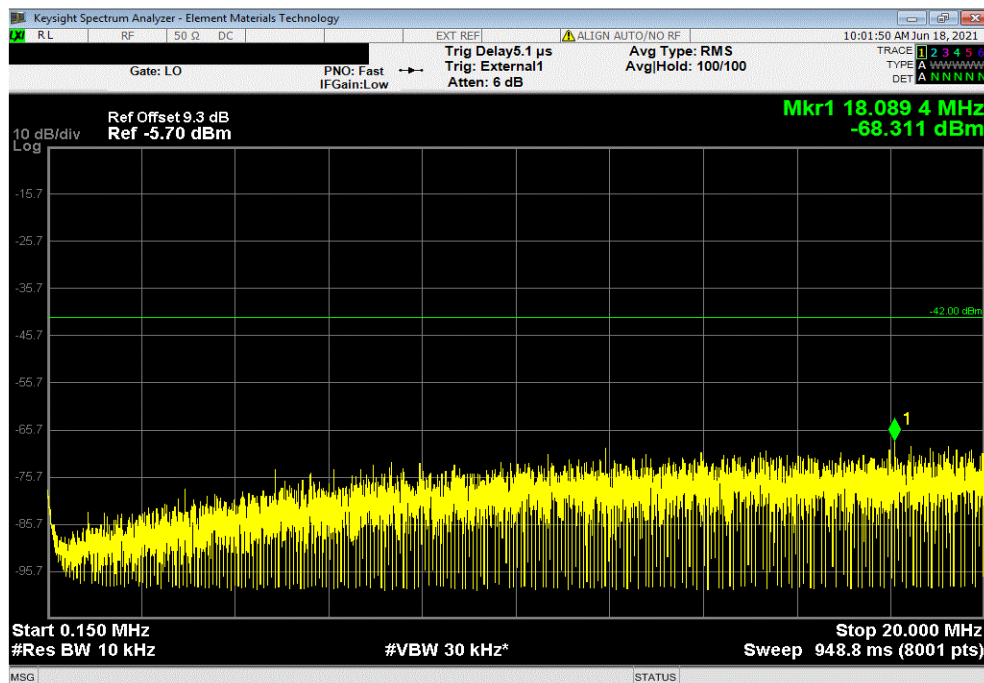
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 40MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 1, 9kHz - 150kHz

				Max Value (dBm)	Limit < (dBm)	Result
				-78.591	-52	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 40MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 2, 150kHz - 20MHz

				Max Value (dBm)	Limit < (dBm)	Result
				-68.311	-42	Pass

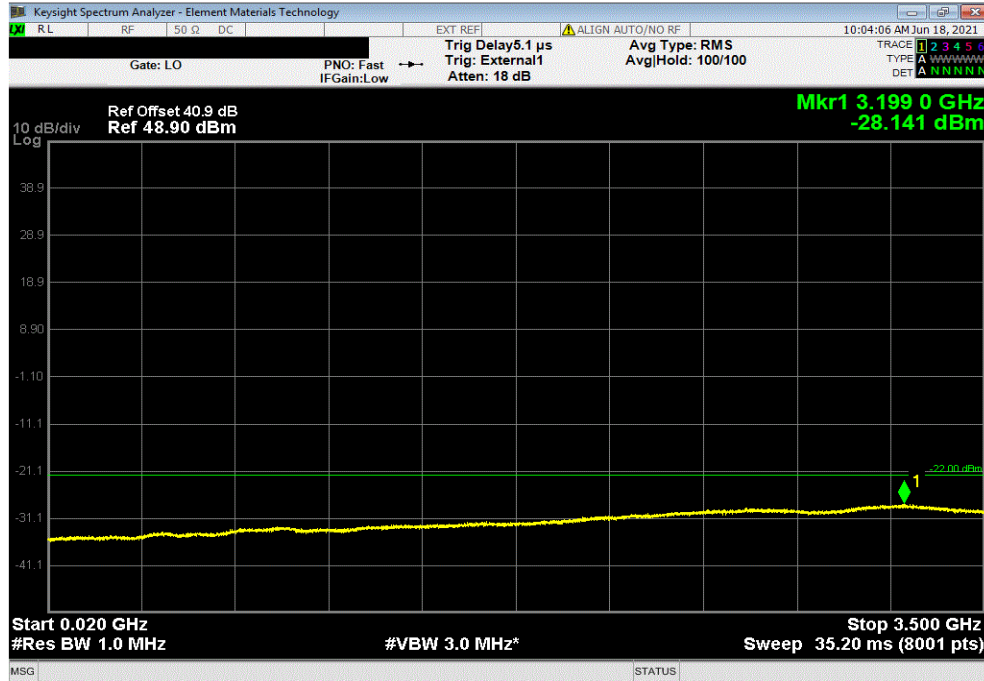


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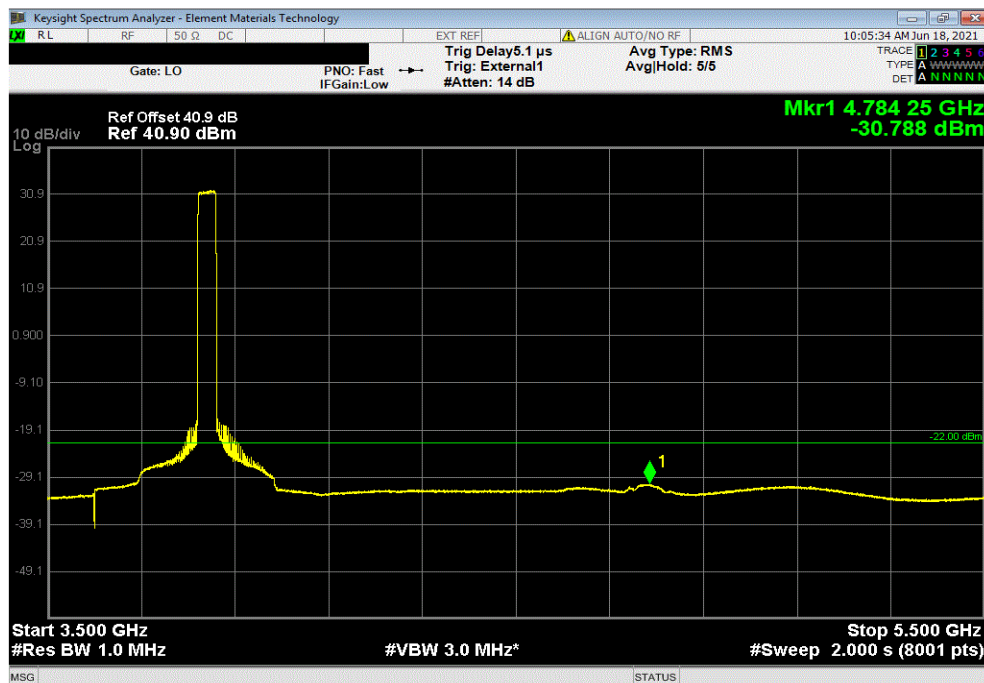


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 40MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 3, 20MHz - 3.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-28.141	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 40MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 4, 3.5GHz - 5.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-30.788	-22	Pass

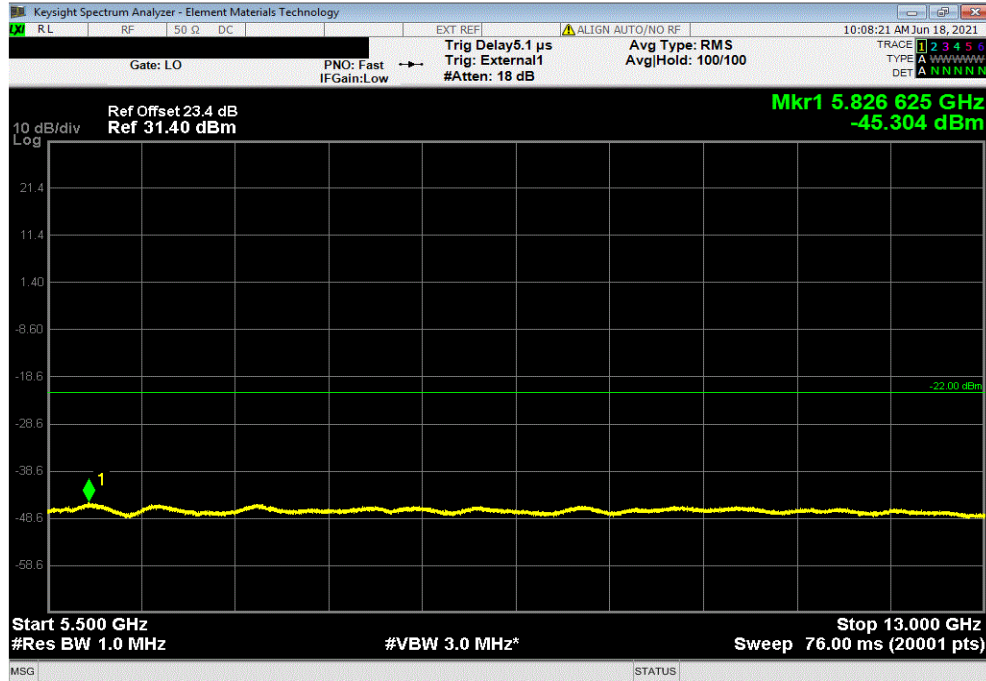


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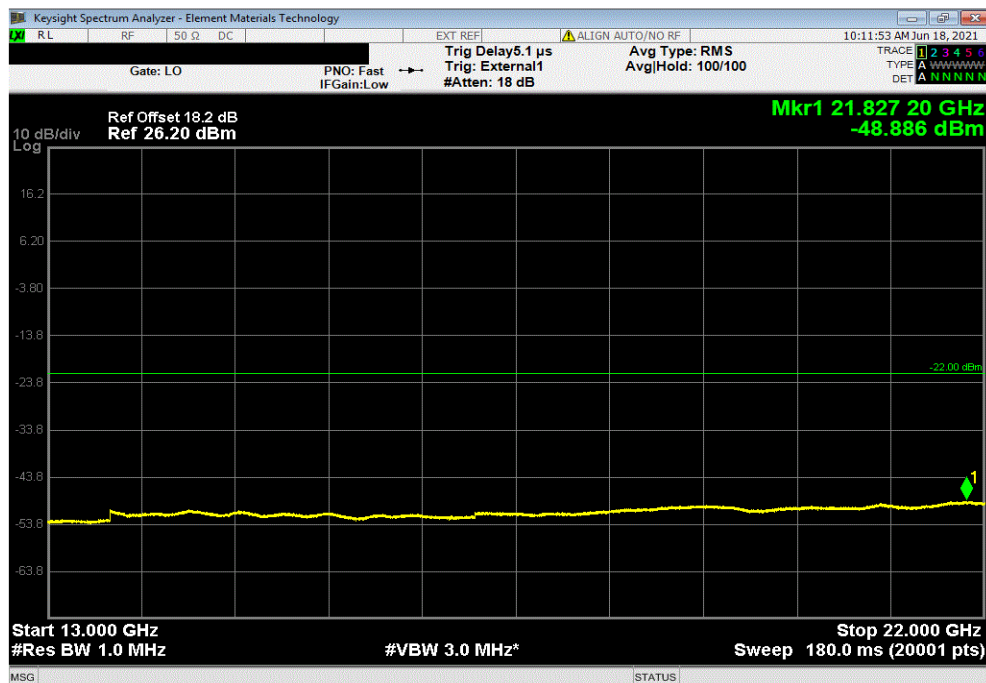


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 40MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 5, 5.5GHz - 13GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-45.304	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 40MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 6, 13GHz - 22GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-48.886	-22	Pass

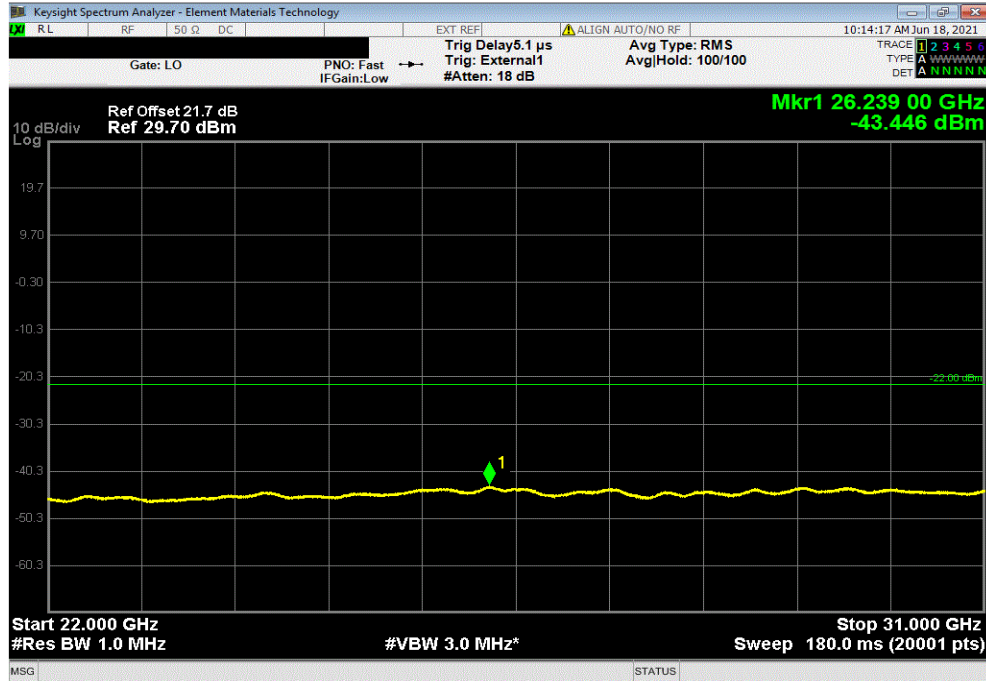


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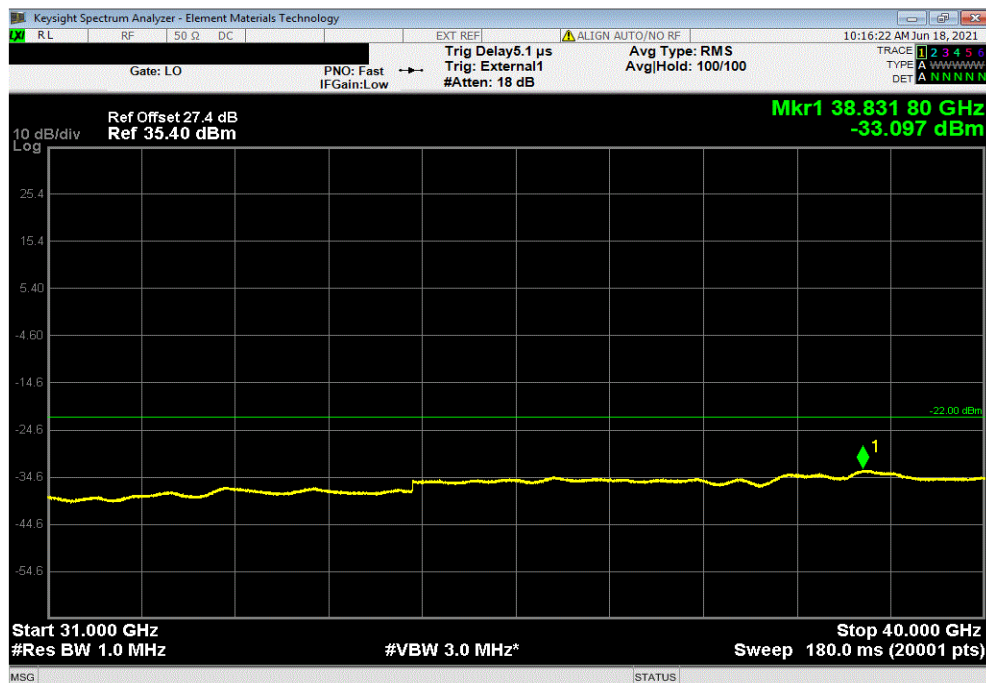


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 40MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 7, 22GHz - 31GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-43.446	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 40MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 8, 31GHz - 40GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-33.097	-22	Pass



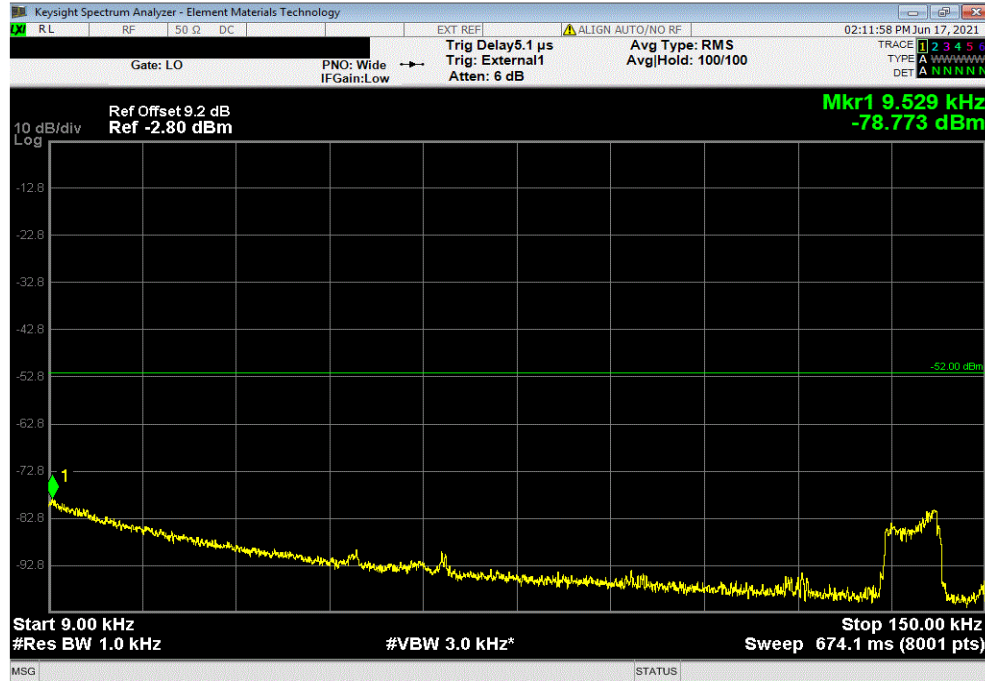
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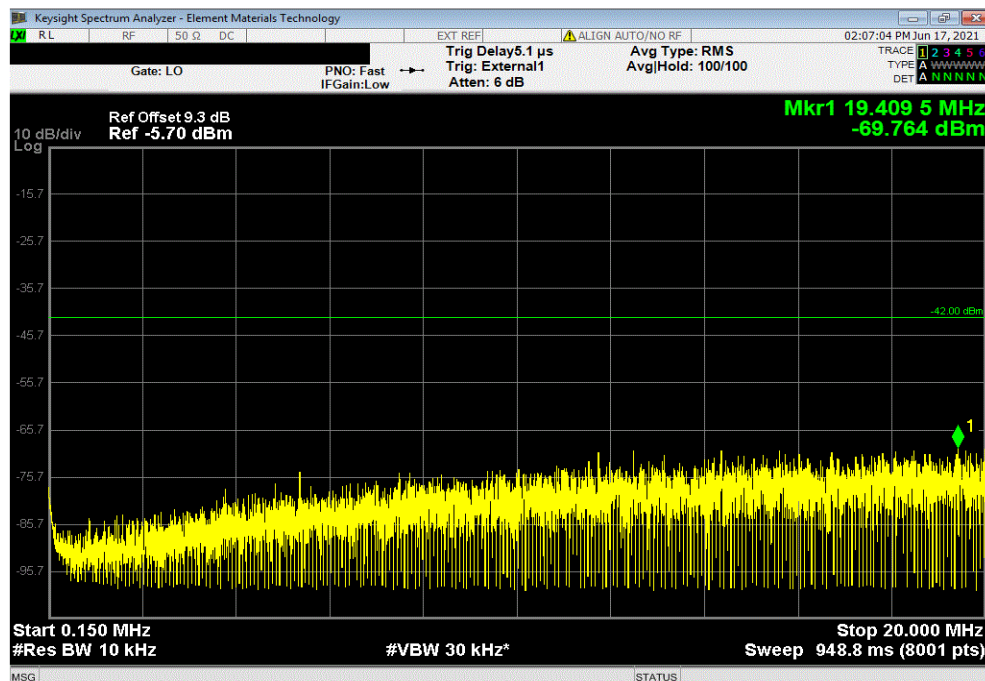
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, QPSK Modulation, Mid Ch. 3840 MHz, Range 1, 9kHz - 150kHz

				Max Value (dBm)	Limit < (dBm)	Result
				-78.773	-52	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, QPSK Modulation, Mid Ch. 3840 MHz, Range 2, 150kHz - 20MHz

				Max Value (dBm)	Limit < (dBm)	Result
				-69.764	-42	Pass



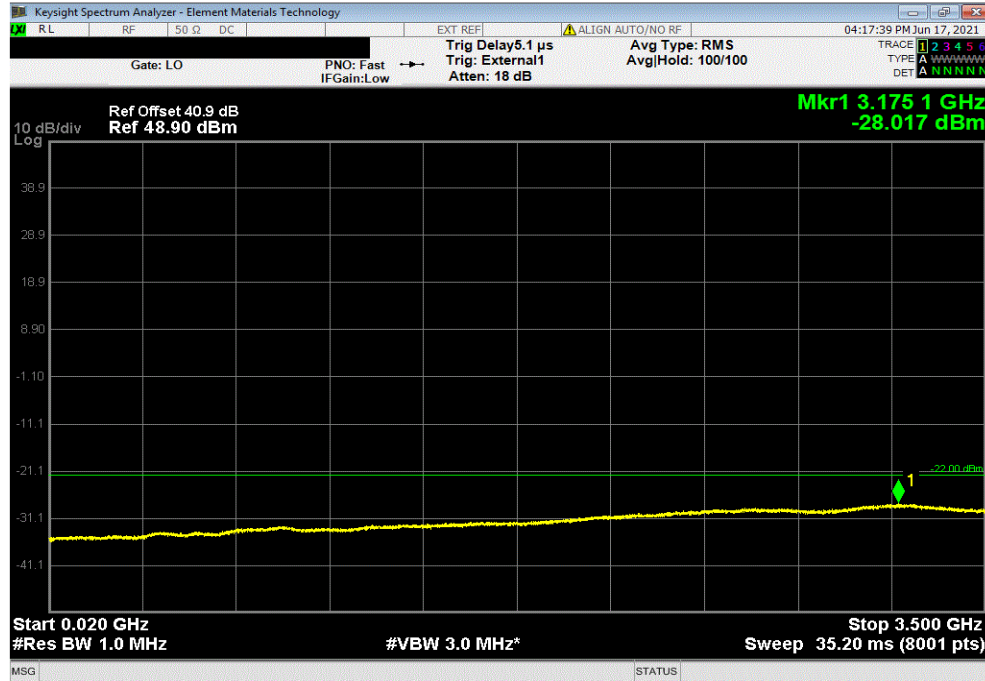
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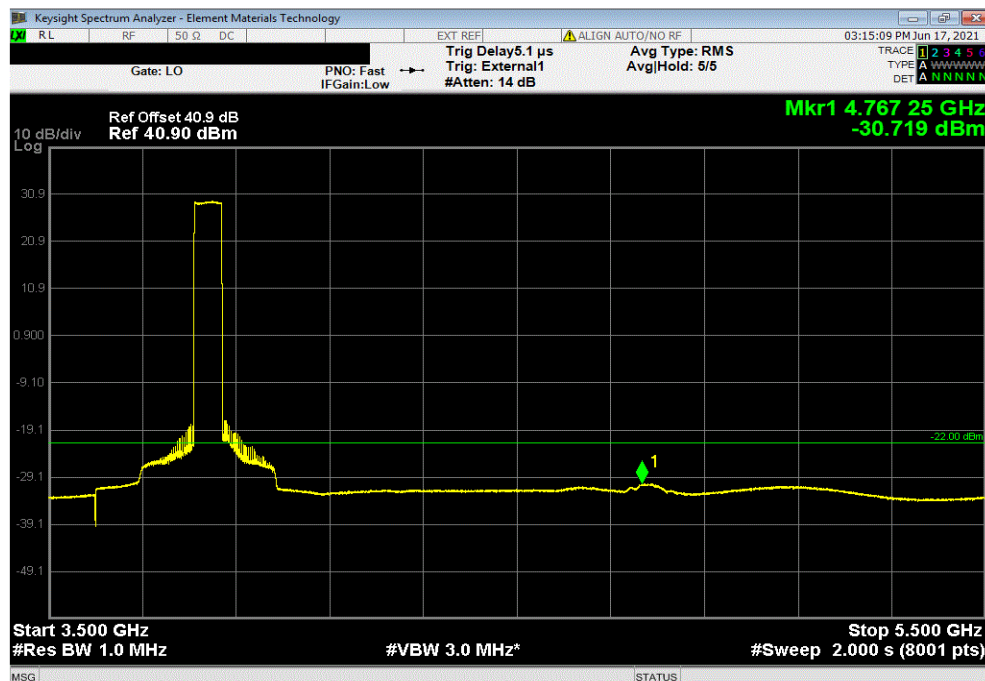
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, QPSK Modulation, Mid Ch. 3840 MHz, Range 3, 20MHz - 3.5GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-28.017	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, QPSK Modulation, Mid Ch. 3840 MHz, Range 4, 3.5GHz - 5.5GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-30.719	-22	Pass



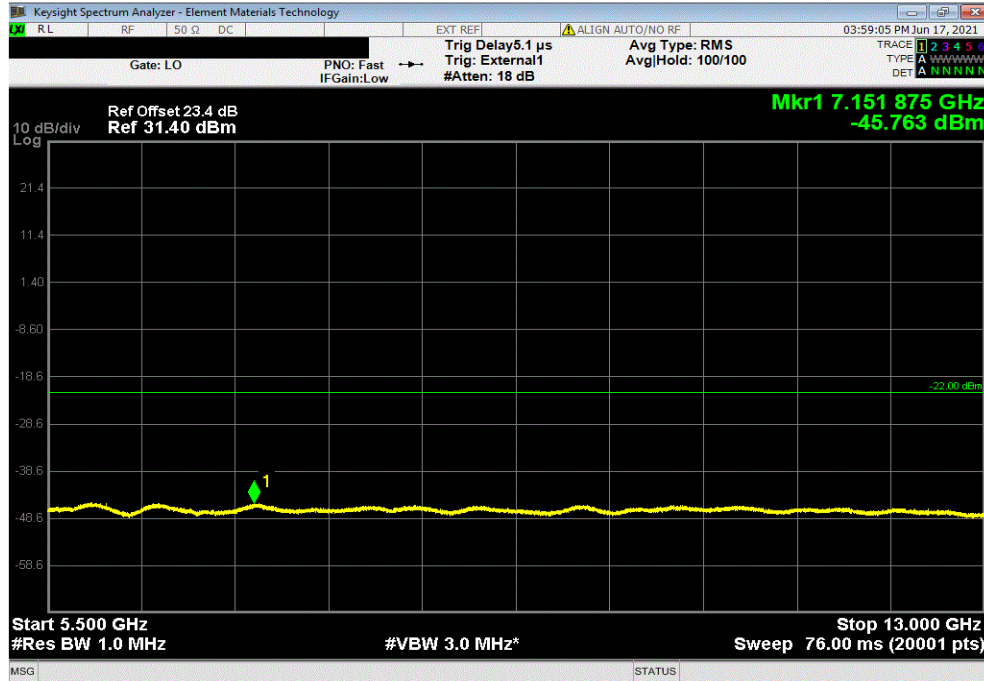
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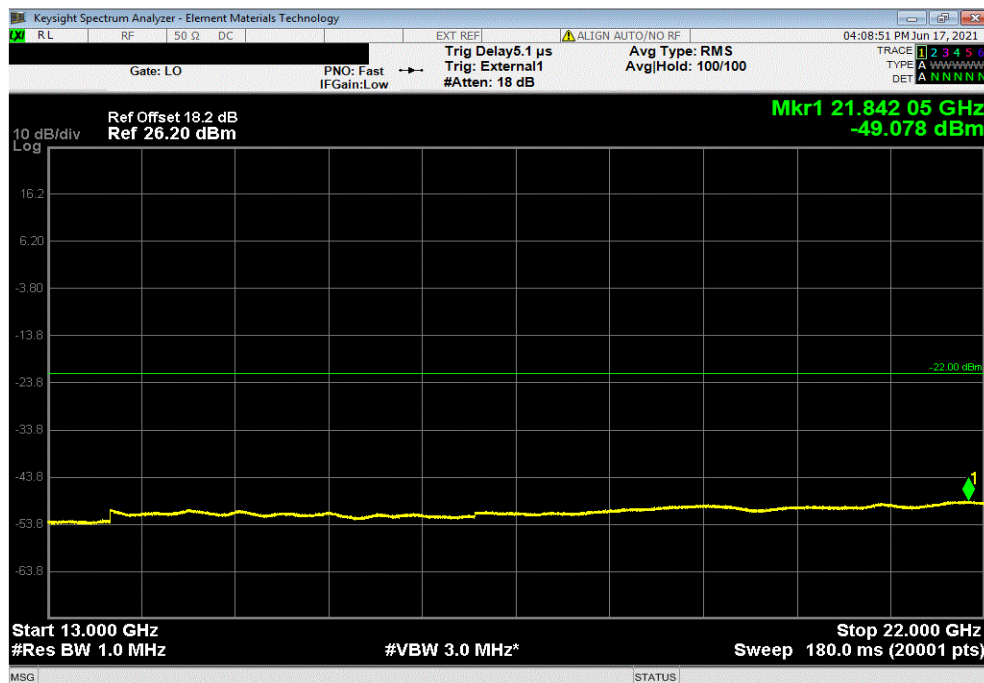
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, QPSK Modulation, Mid Ch. 3840 MHz, Range 5, 5.5GHz - 13GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-45.763	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, QPSK Modulation, Mid Ch. 3840 MHz, Range 6, 13GHz - 22GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-49.078	-22	Pass

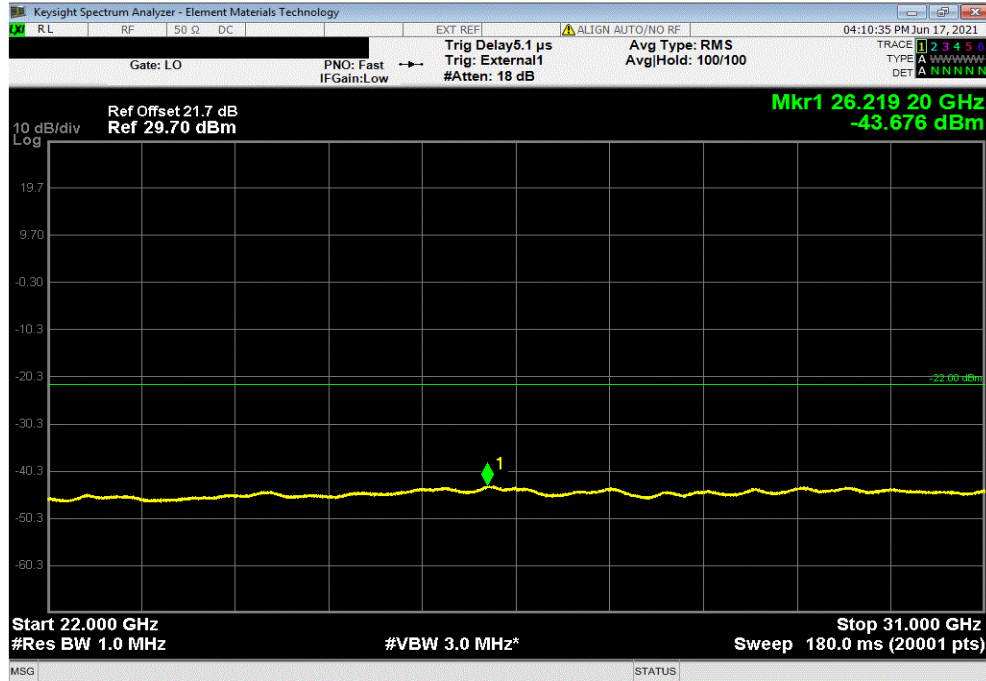


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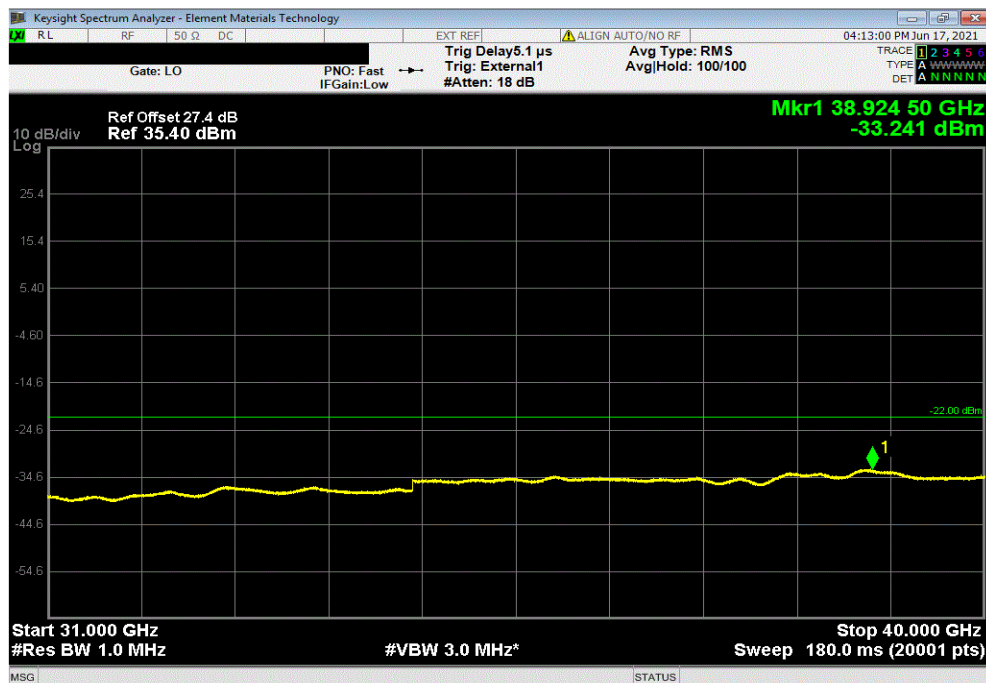


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, QPSK Modulation, Mid Ch. 3840 MHz, Range 7, 22GHz - 31GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-43.676	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, QPSK Modulation, Mid Ch. 3840 MHz, Range 8, 31GHz - 40GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-33.241	-22	Pass

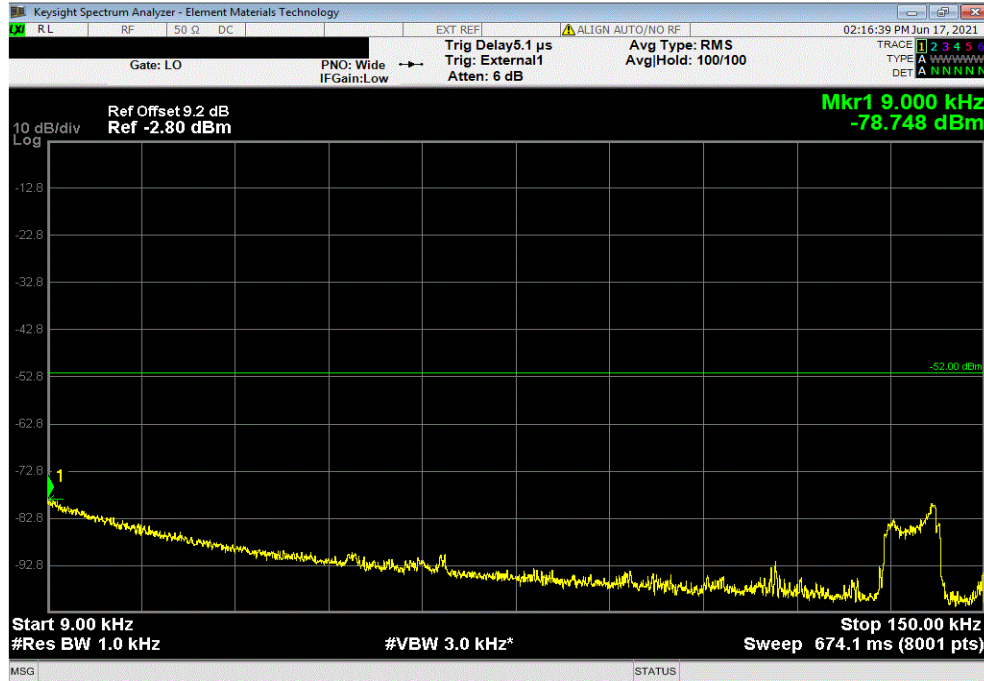


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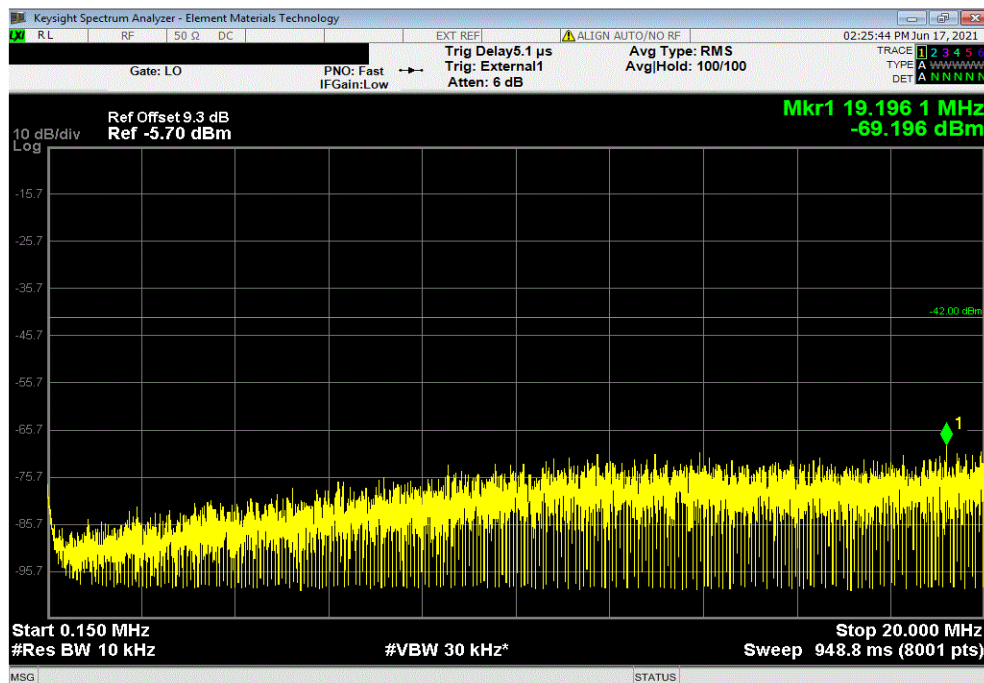


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 16-QAM Modulation, Mid Ch. 3840 MHz, Range 1, 9kHz - 150kHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-78.748	-52	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 16-QAM Modulation, Mid Ch. 3840 MHz, Range 2, 150kHz - 20MHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-69.196	-42	Pass

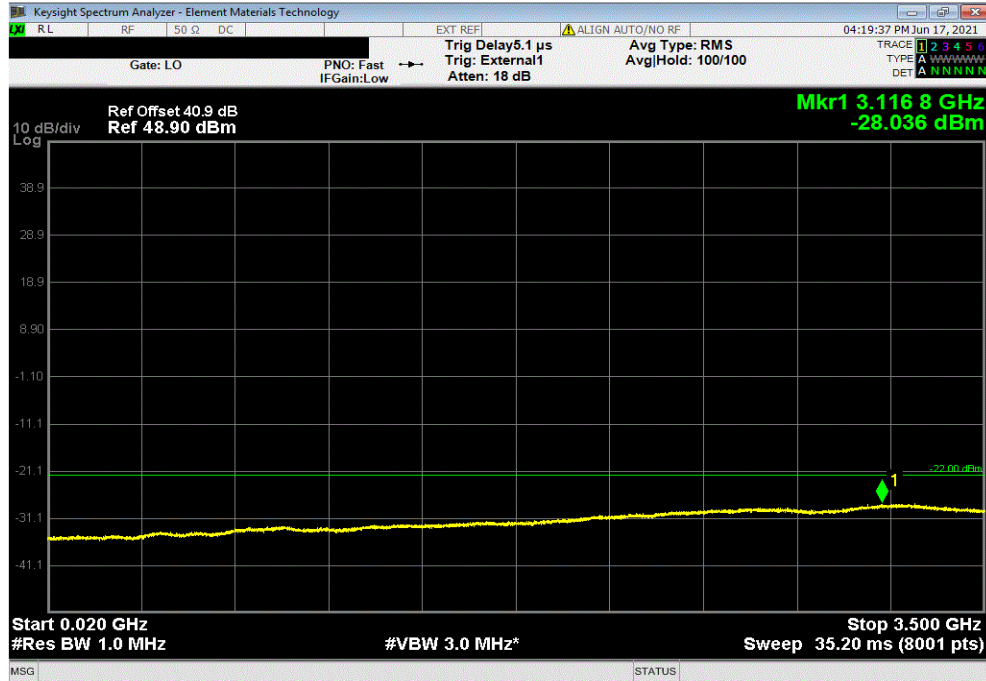


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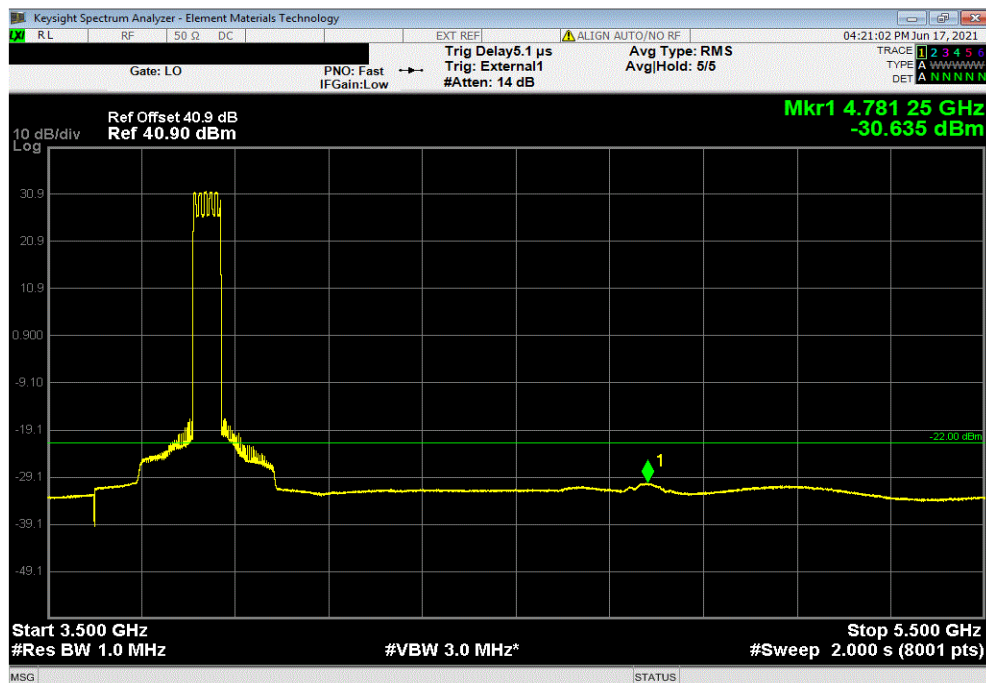


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 16-QAM Modulation, Mid Ch. 3840 MHz, Range 3, 20MHz - 3.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-28.036	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 16-QAM Modulation, Mid Ch. 3840 MHz, Range 4, 3.5GHz - 5.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-30.635	-22	Pass



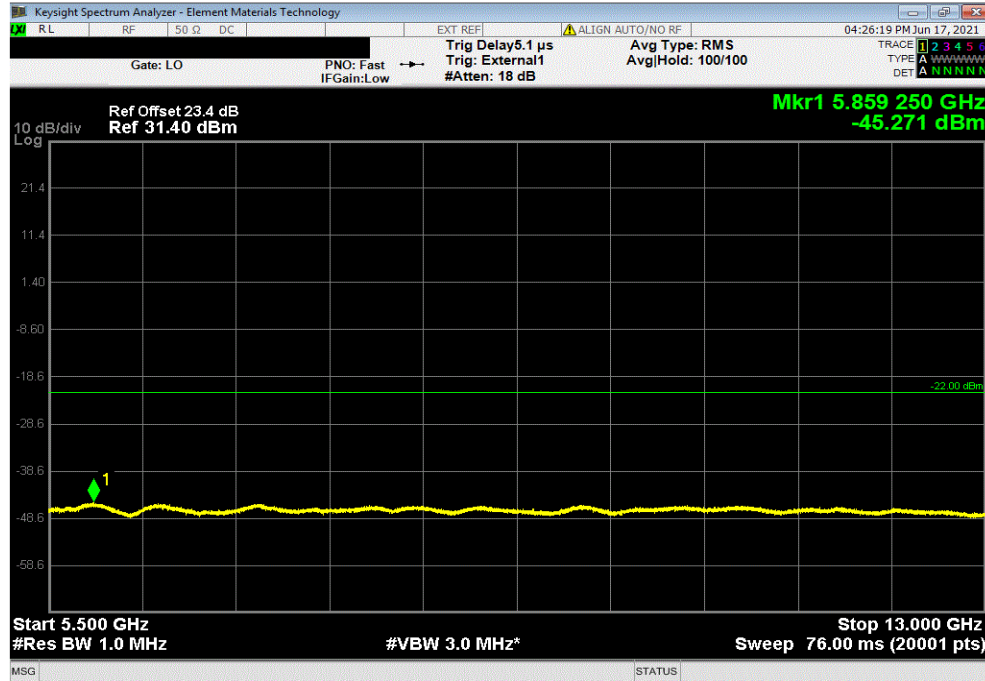
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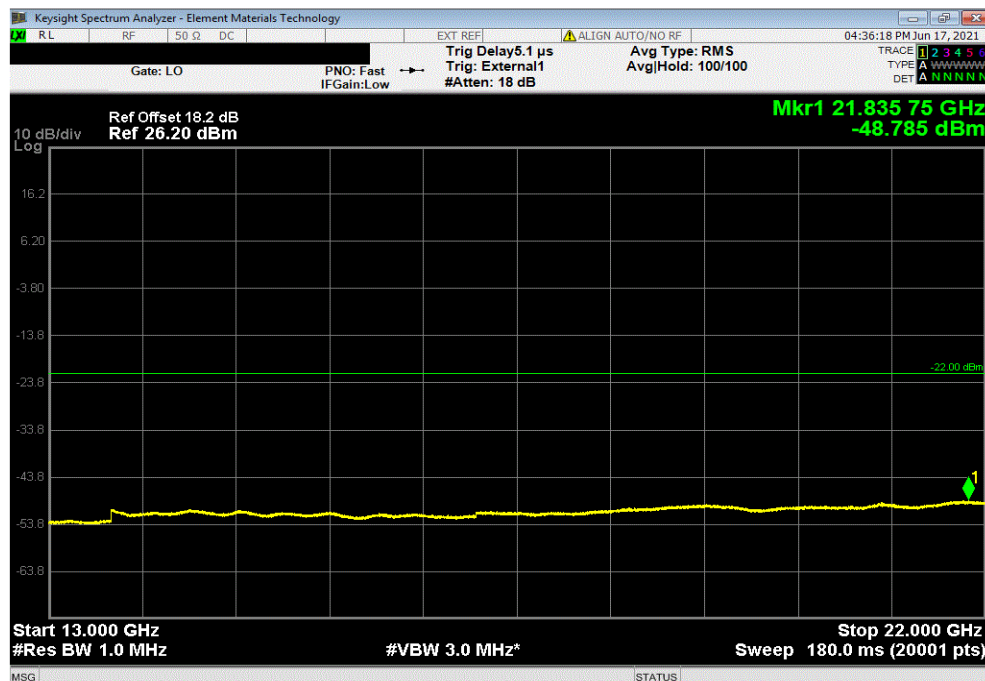
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 16-QAM Modulation, Mid Ch. 3840 MHz, Range 5, 5.5GHz - 13GHz

	Max Value (dBm)	Limit < (dBm)	Result
	-45.271	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 16-QAM Modulation, Mid Ch. 3840 MHz, Range 6, 13GHz - 22GHz

	Max Value (dBm)	Limit < (dBm)	Result
	-48.785	-22	Pass



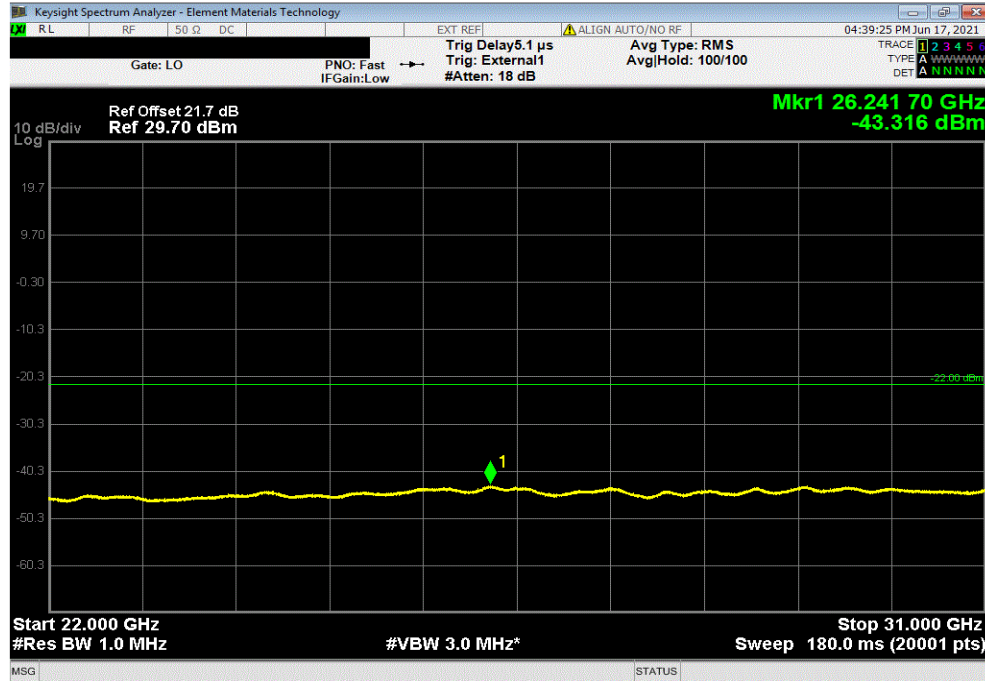
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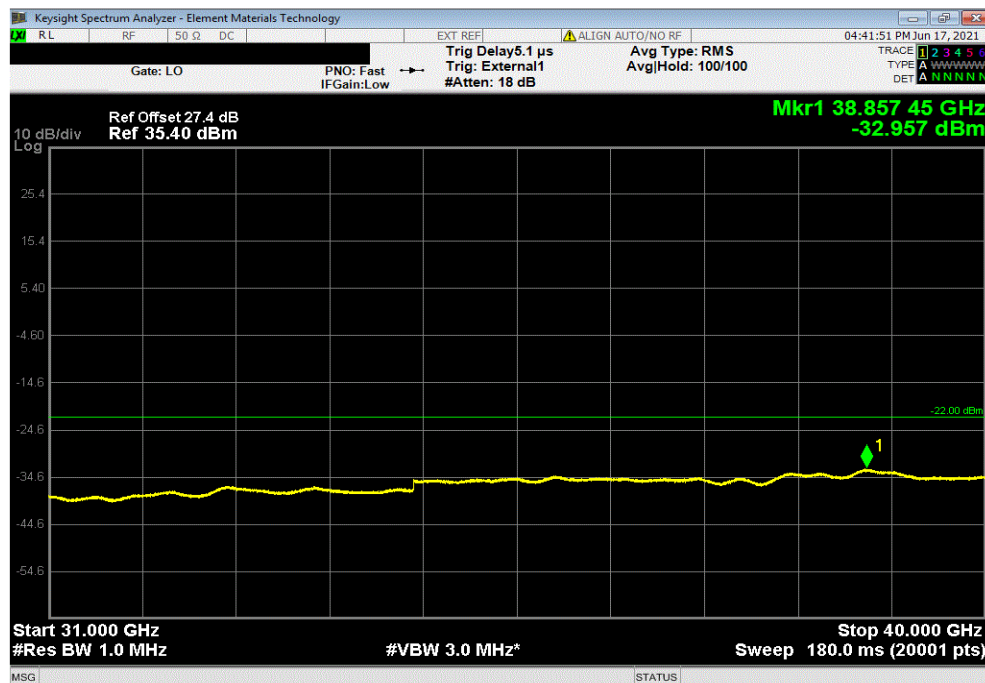
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 16-QAM Modulation, Mid Ch. 3840 MHz, Range 7, 22GHz - 31GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-43.316	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 16-QAM Modulation, Mid Ch. 3840 MHz, Range 8, 31GHz - 40GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-32.957	-22	Pass



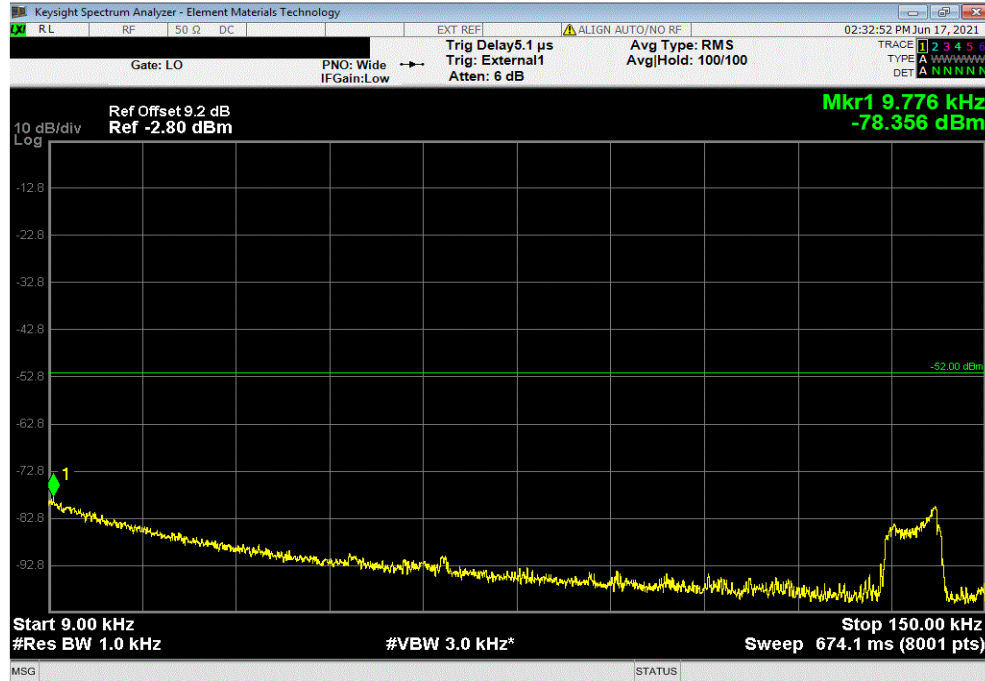
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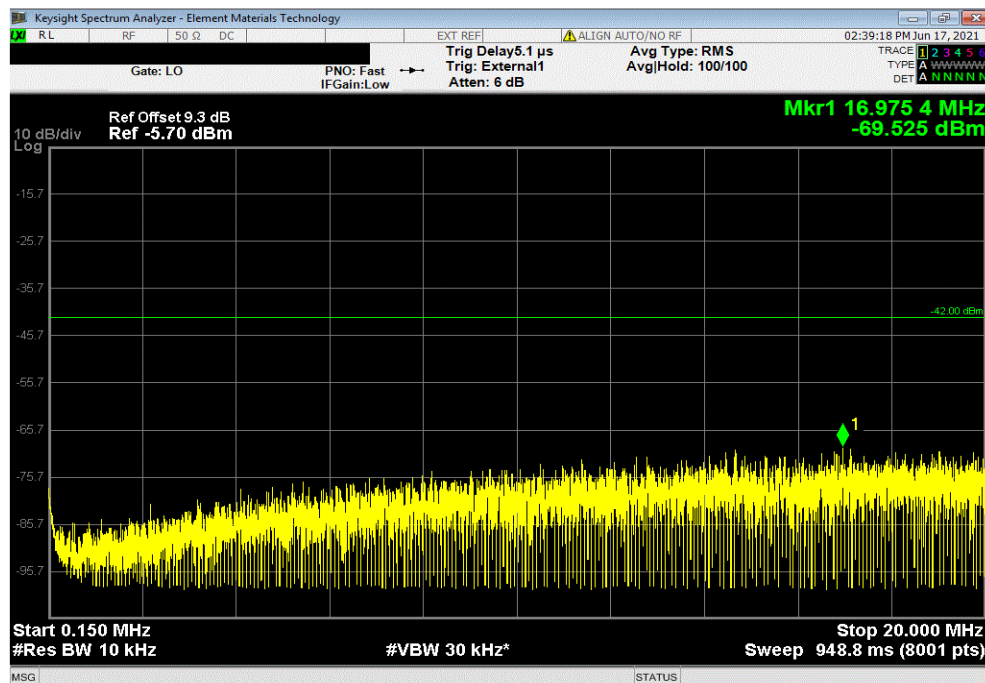
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 64-QAM Modulation, Mid Ch. 3840 MHz, Range 1, 9kHz - 150kHz

				Max Value (dBm)	Limit < (dBm)	Result
				-78.356	-52	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 64-QAM Modulation, Mid Ch. 3840 MHz, Range 2, 150kHz - 20MHz

				Max Value (dBm)	Limit < (dBm)	Result
				-69.525	-42	Pass



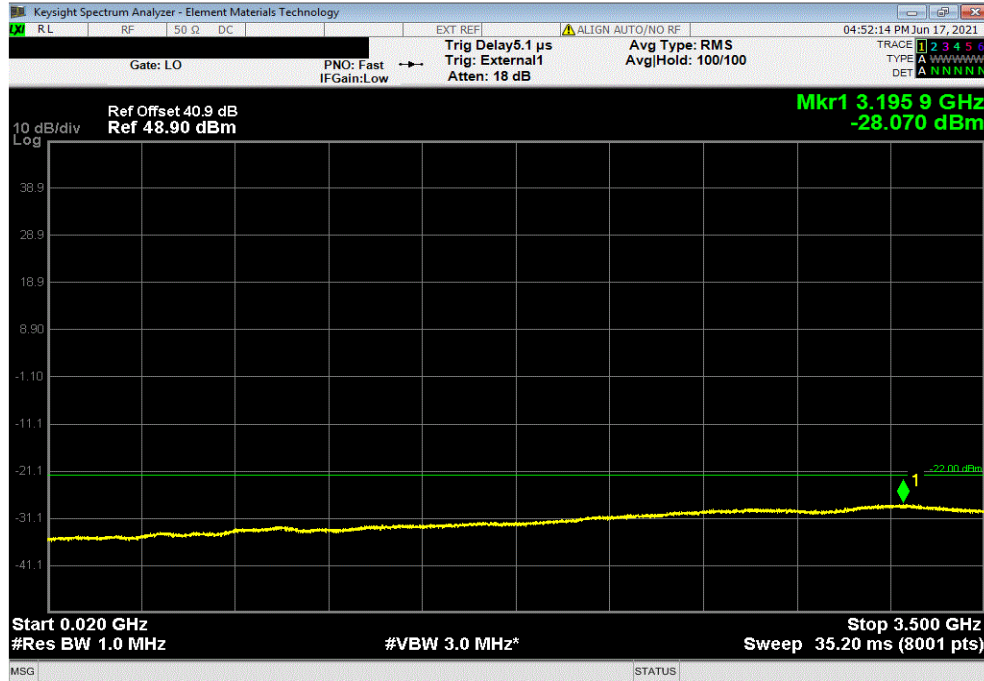
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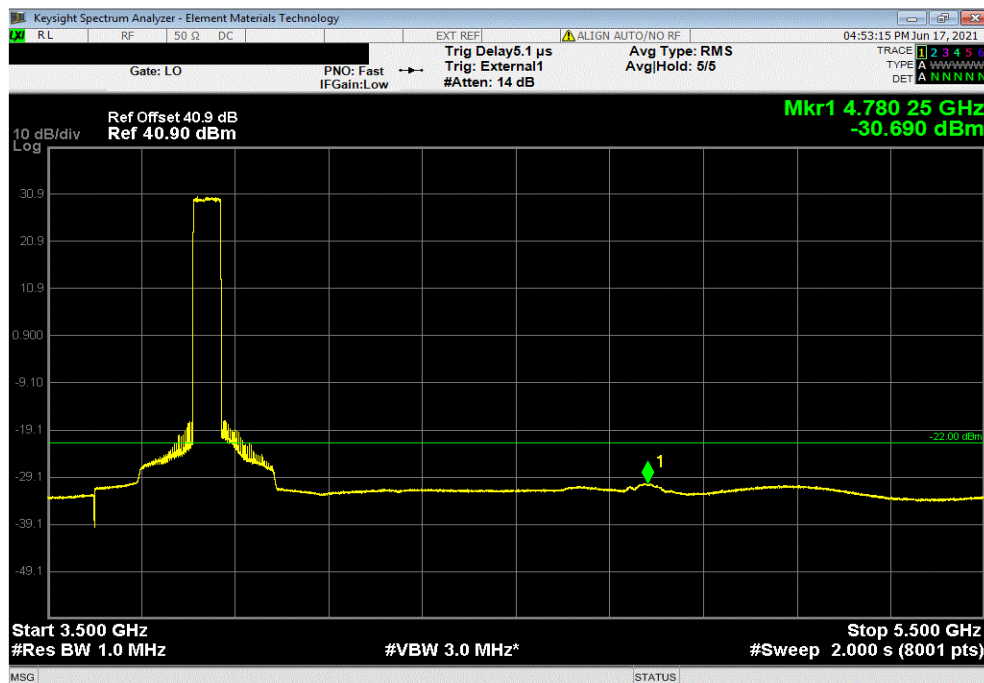
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 64-QAM Modulation, Mid Ch. 3840 MHz, Range 3, 20MHz - 3.5GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-28.07	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 64-QAM Modulation, Mid Ch. 3840 MHz, Range 4, 3.5GHz - 5.5GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-30.69	-22	Pass

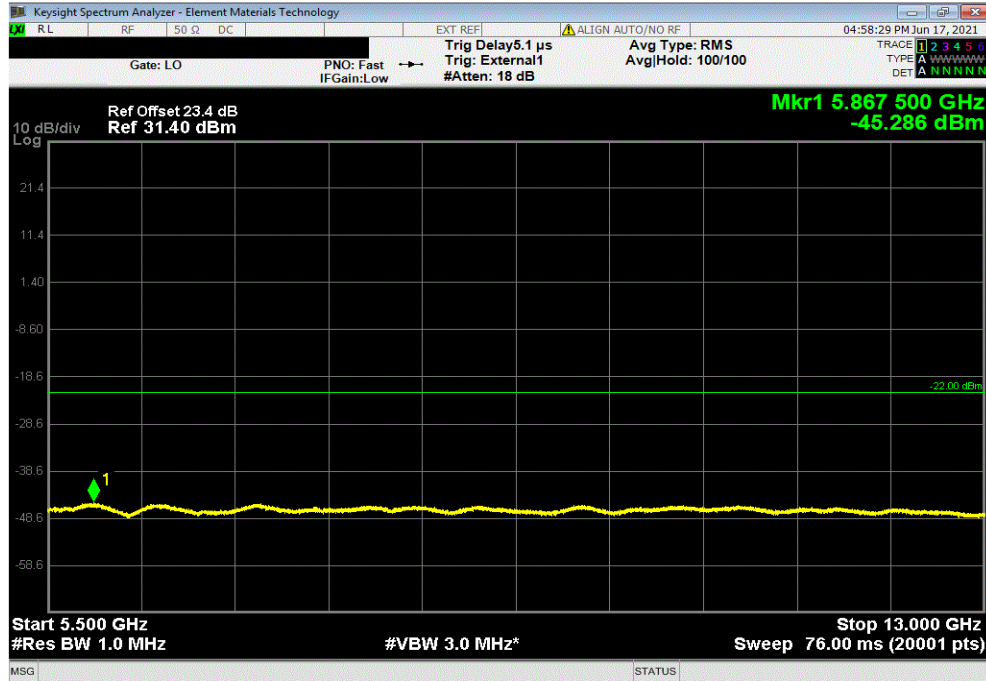


SPURIOUS CONDUCTED EMISSIONS

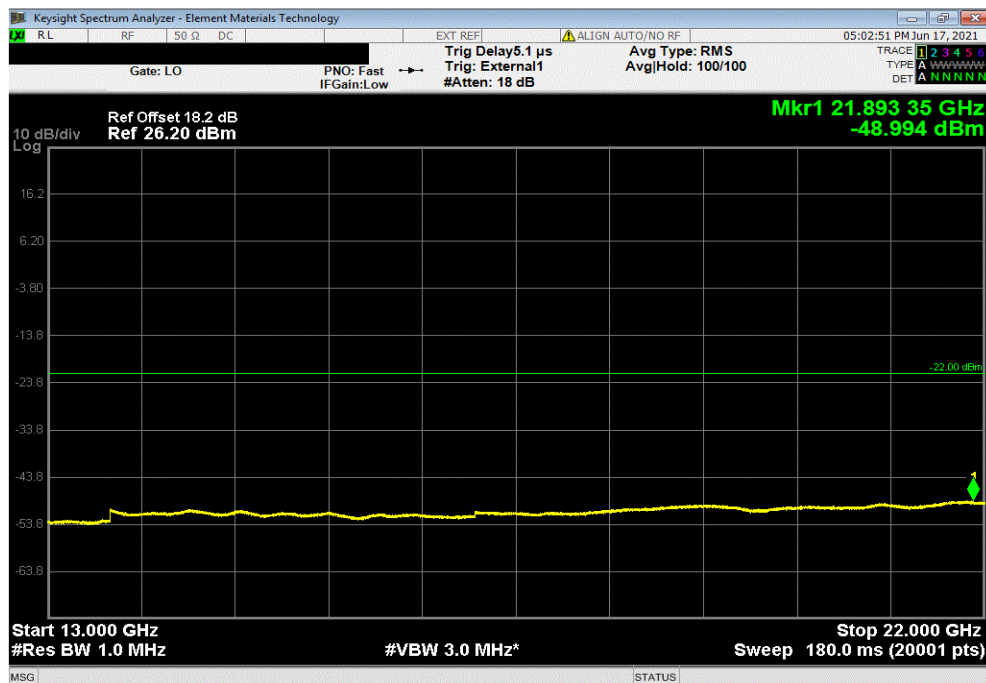


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 64-QAM Modulation, Mid Ch. 3840 MHz, Range 5, 5.5GHz - 13GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-45.286	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 64-QAM Modulation, Mid Ch. 3840 MHz, Range 6, 13GHz - 22GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-48.994	-22	Pass



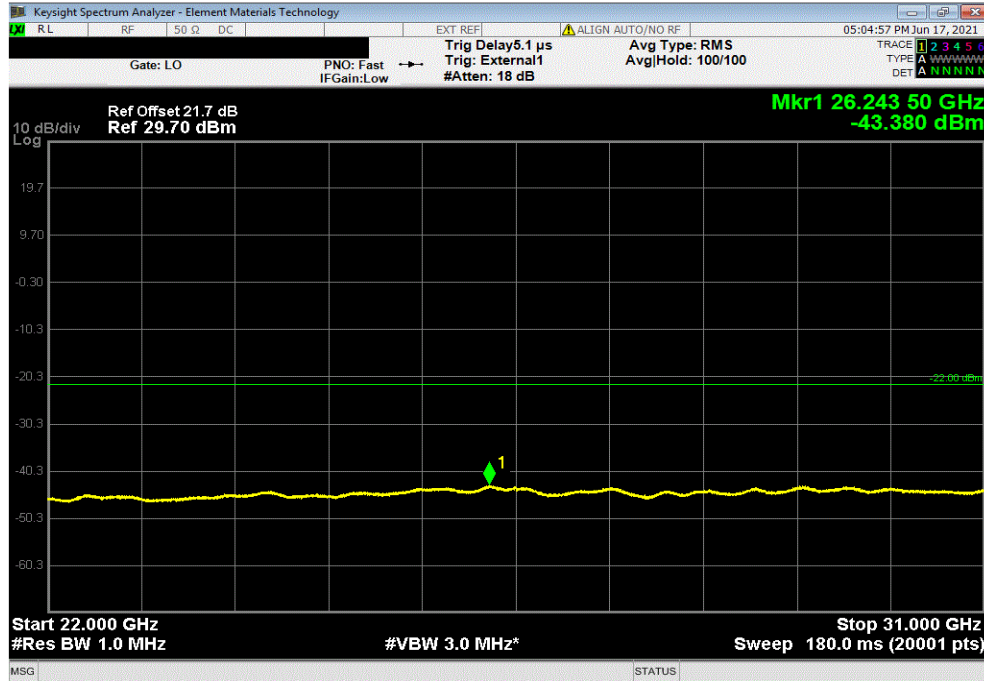
SPURIOUS CONDUCTED EMISSIONS



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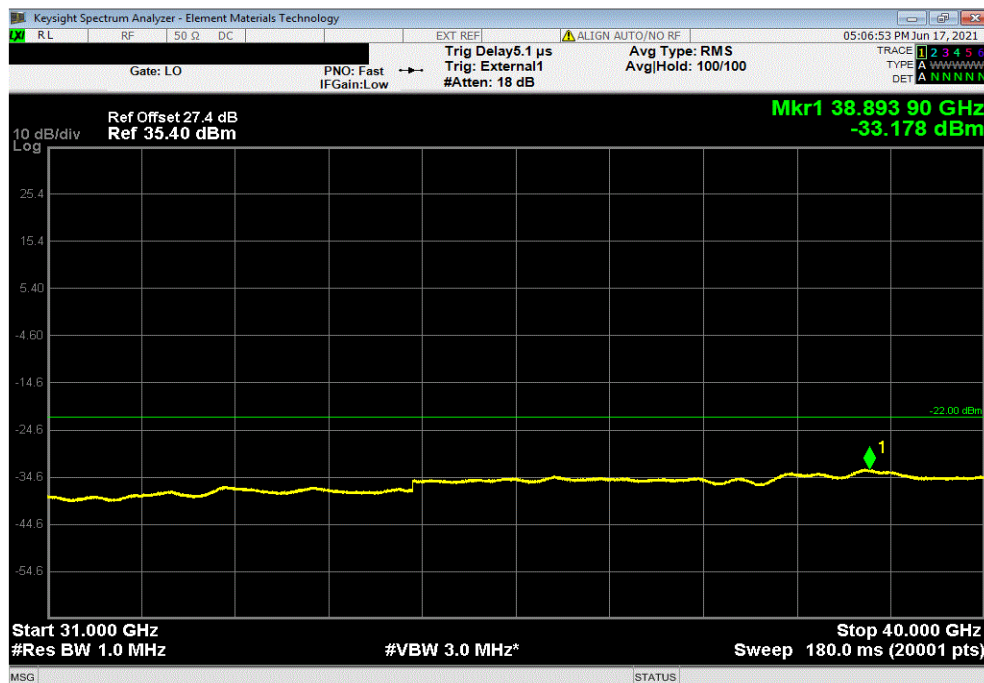
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 64-QAM Modulation, Mid Ch. 3840 MHz, Range 7, 22GHz - 31GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-43.38	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 64-QAM Modulation, Mid Ch. 3840 MHz, Range 8, 31GHz - 40GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-33.178	-22	Pass



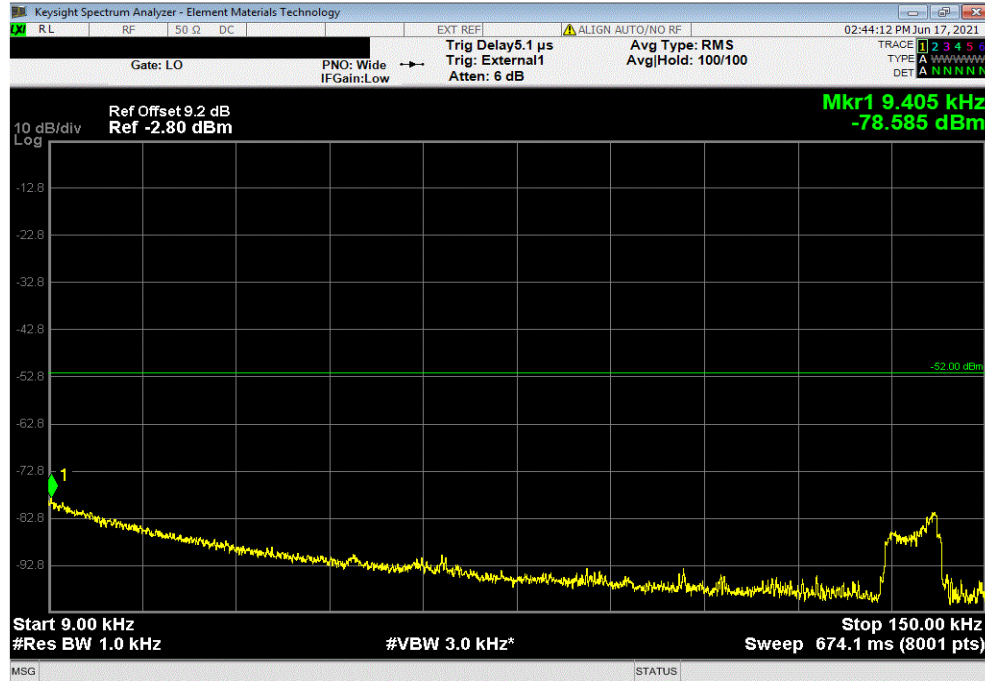
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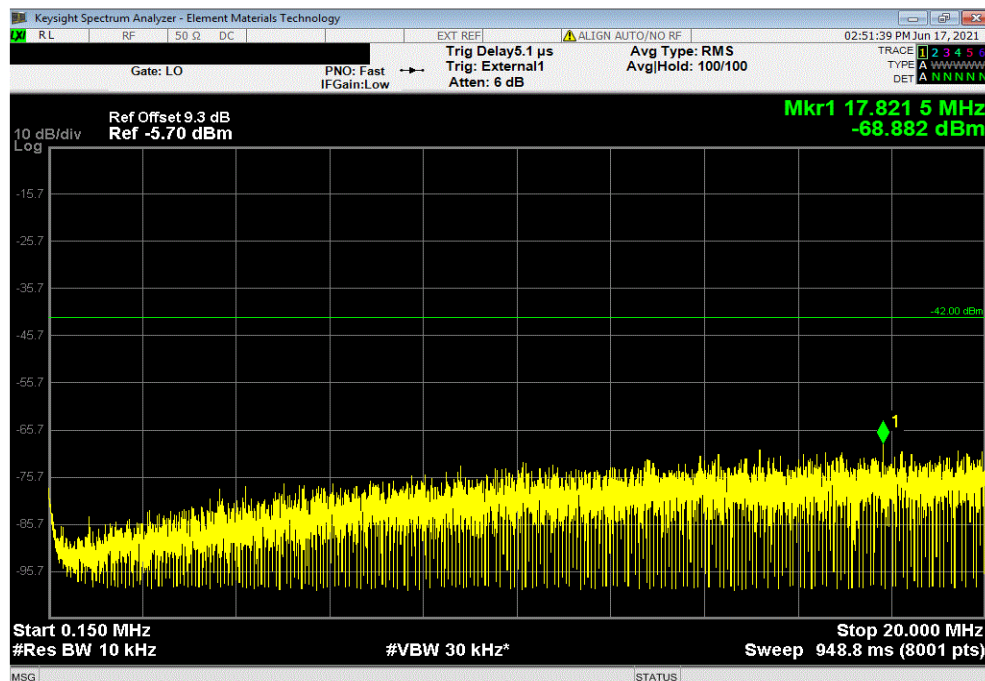
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 1, 9kHz - 150kHz

				Max Value (dBm)	Limit < (dBm)	Result
				-78.585	-52	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 2, 150kHz - 20MHz

				Max Value (dBm)	Limit < (dBm)	Result
				-68.882	-42	Pass

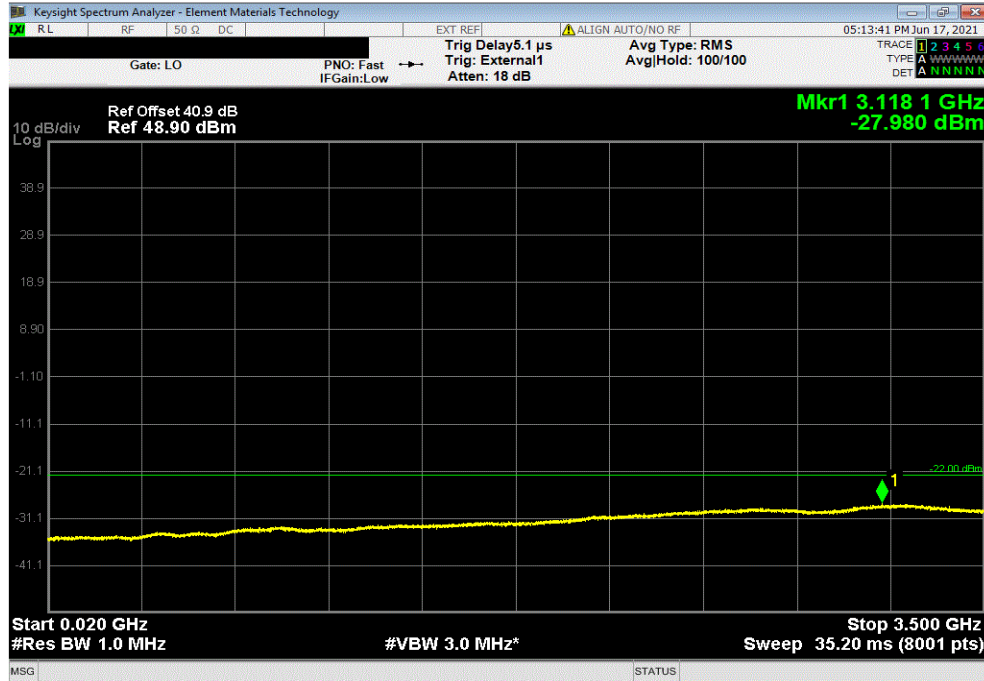


SPURIOUS CONDUCTED EMISSIONS

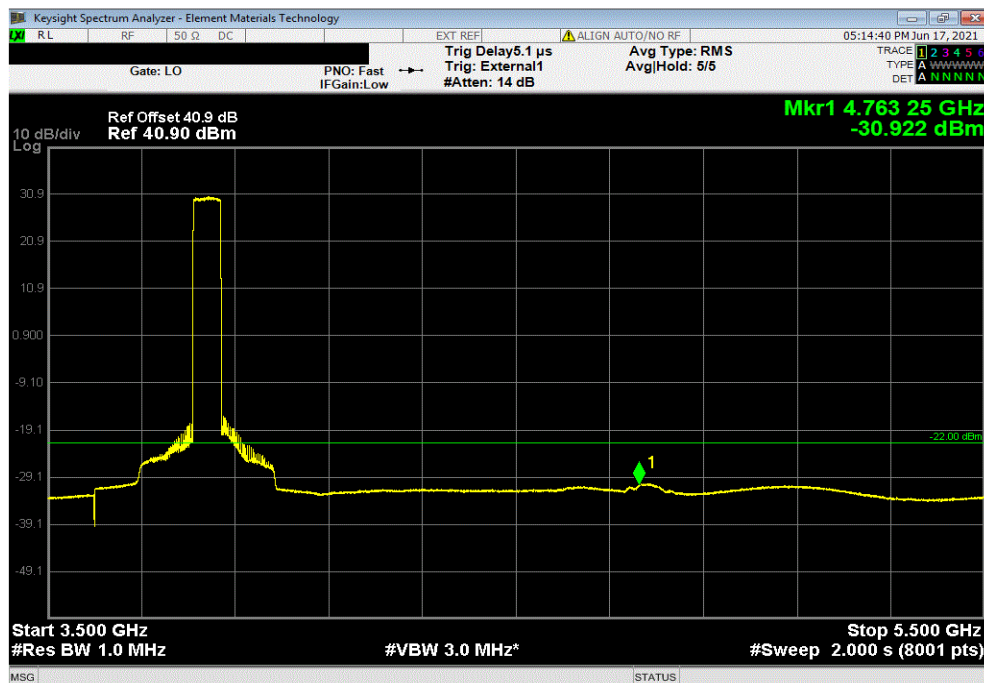


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 3, 20MHz - 3.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-27.98	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 4, 3.5GHz - 5.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-30.922	-22	Pass



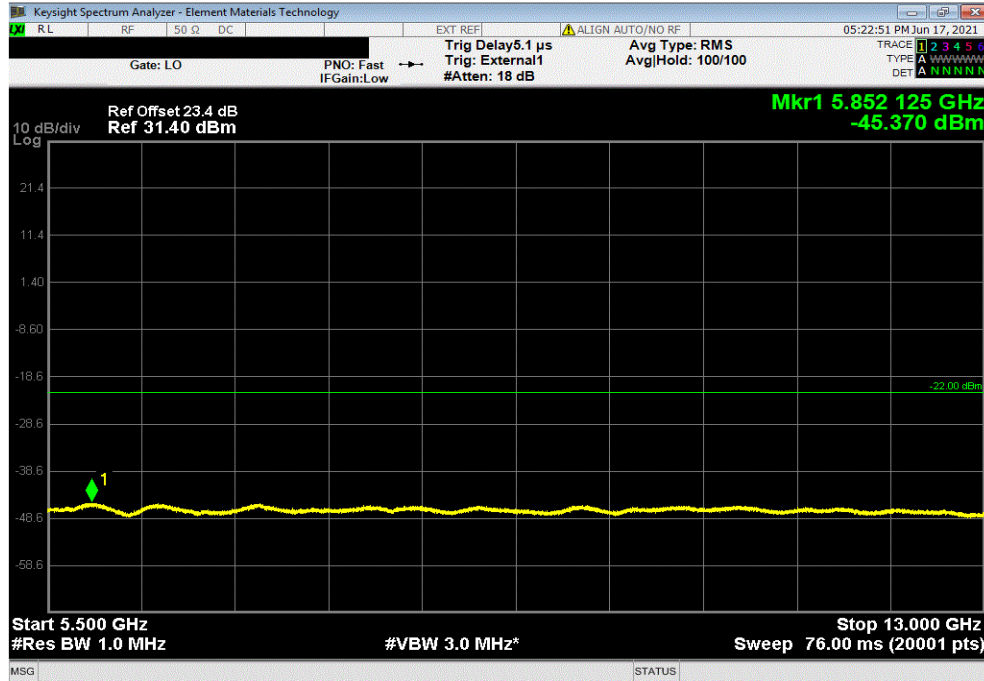
SPURIOUS CONDUCTED EMISSIONS



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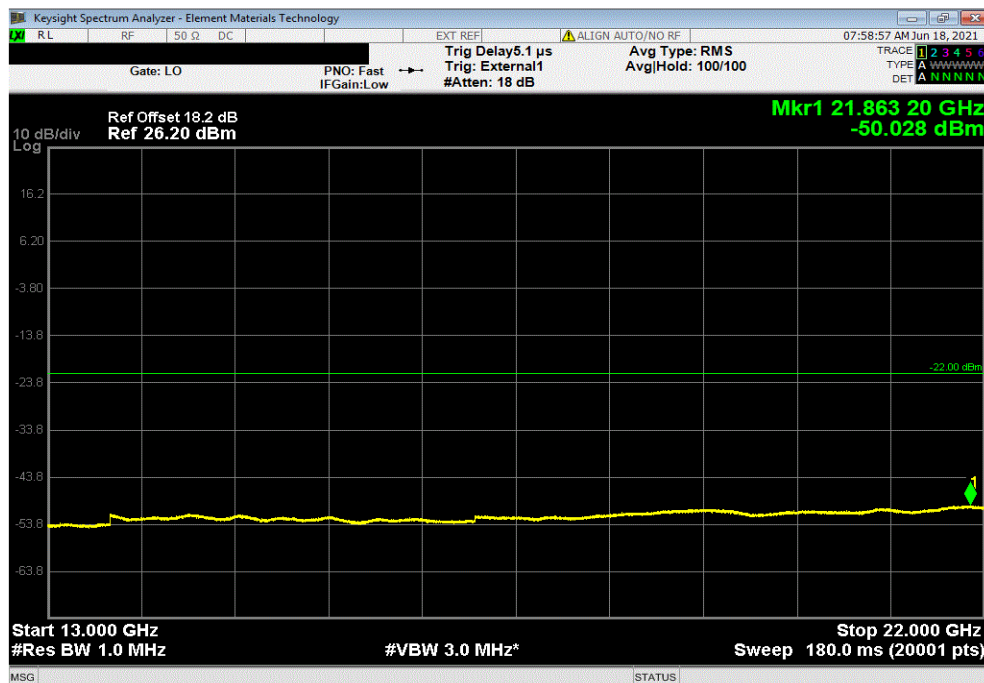
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 5, 5.5GHz - 13GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-45.37	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 6, 13GHz - 22GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-50.028	-22	Pass

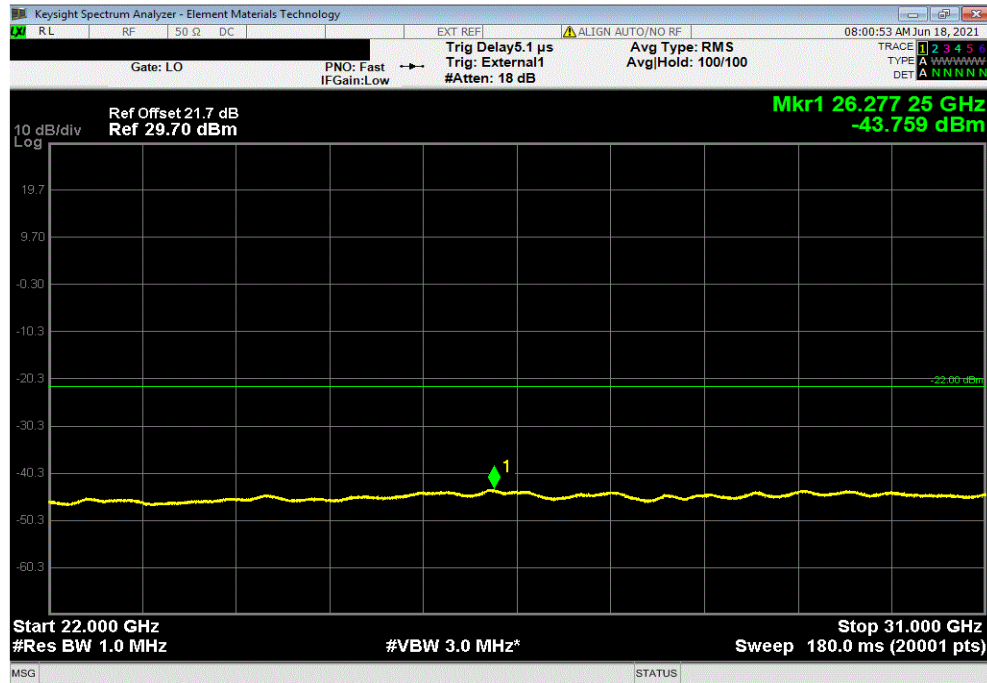


SPURIOUS CONDUCTED EMISSIONS

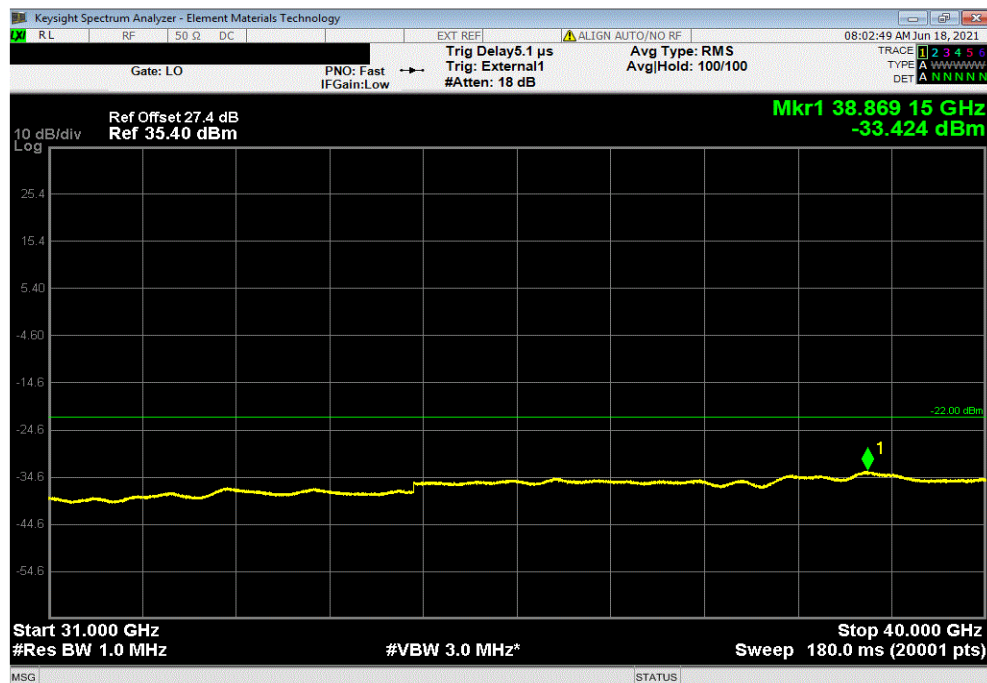


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 7, 22GHz - 31GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-43.759	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 60MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 8, 31GHz - 40GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-33.434	-22	Pass



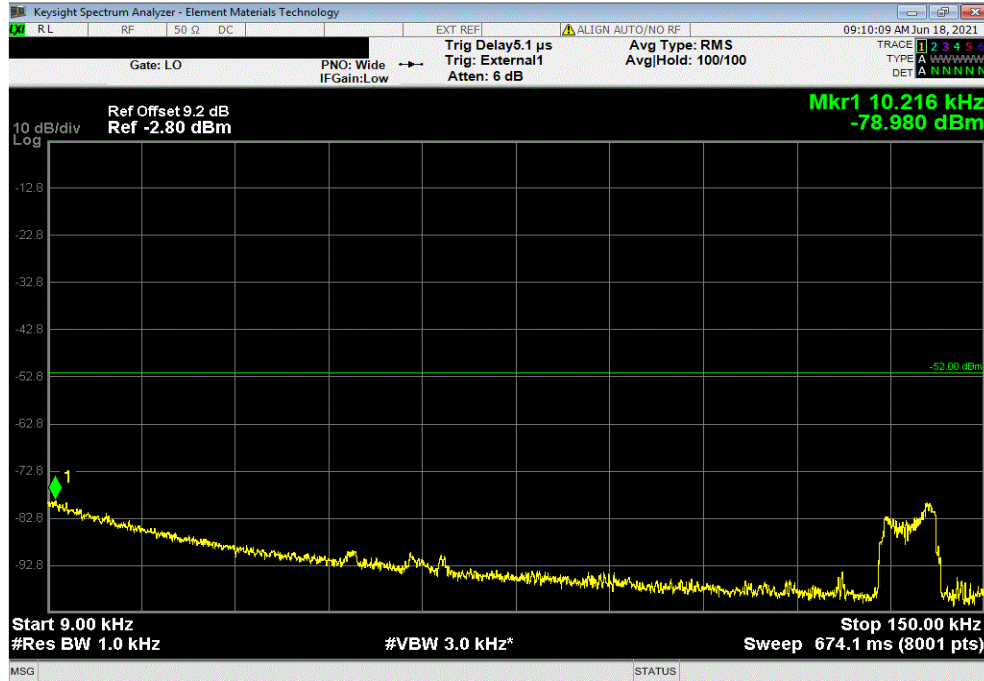
SPURIOUS CONDUCTED EMISSIONS



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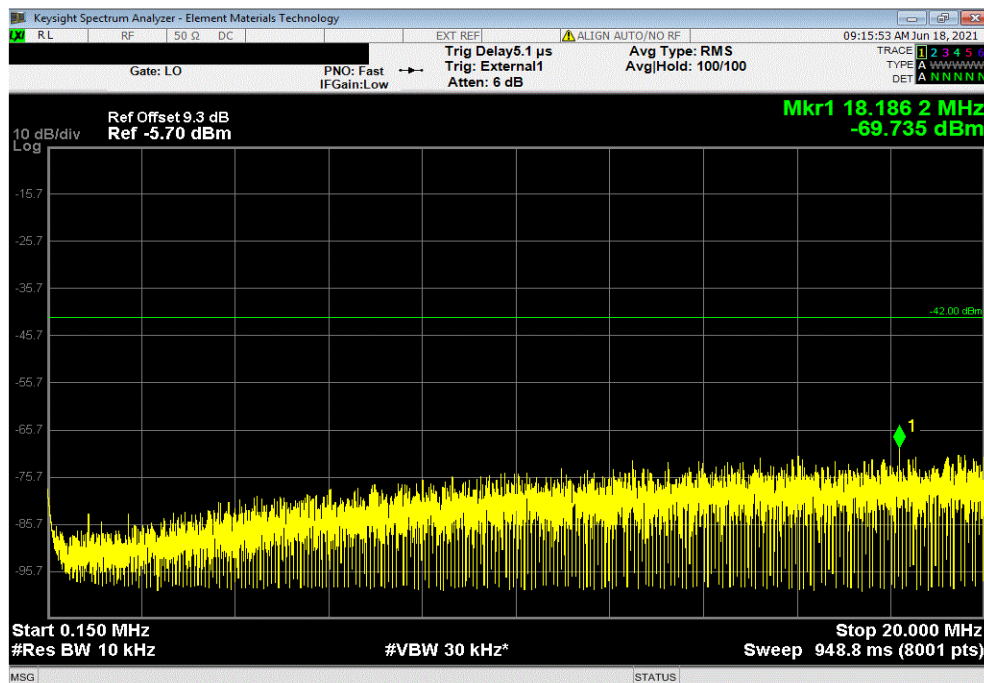
Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 80MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 1, 9kHz - 150kHz

	Max Value (dBm)	Limit < (dBm)	Result
	-78.98	-52	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 80MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 2, 150kHz - 20MHz

	Max Value (dBm)	Limit < (dBm)	Result
	-69.735	-42	Pass

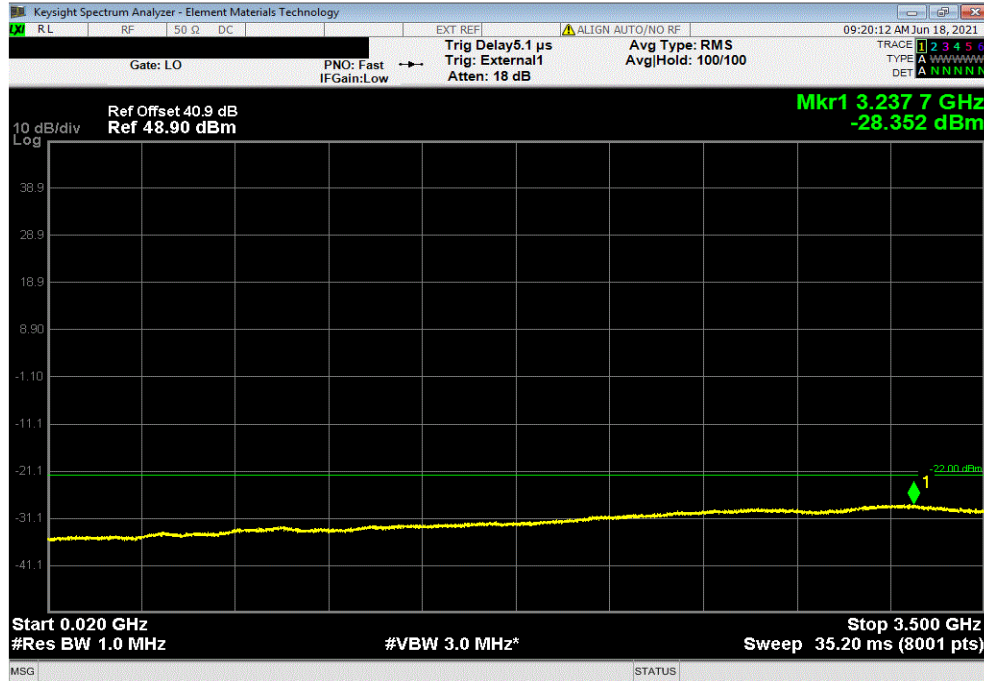


SPURIOUS CONDUCTED EMISSIONS

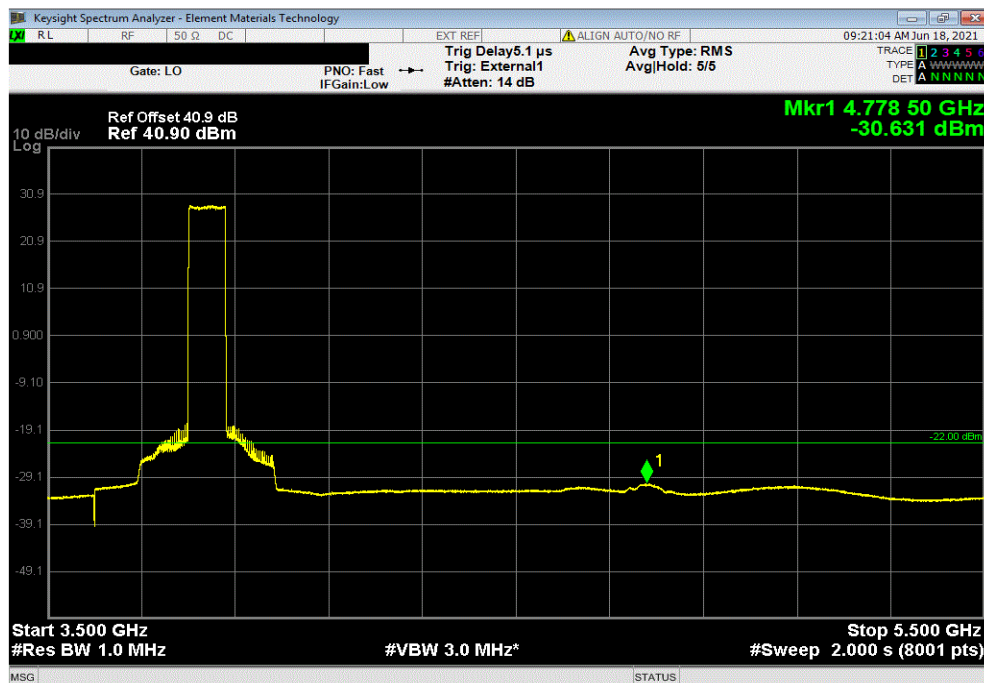


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 80MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 3, 20MHz - 3.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-28.352	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 80MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 4, 3.5GHz - 5.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-30.631	-22	Pass

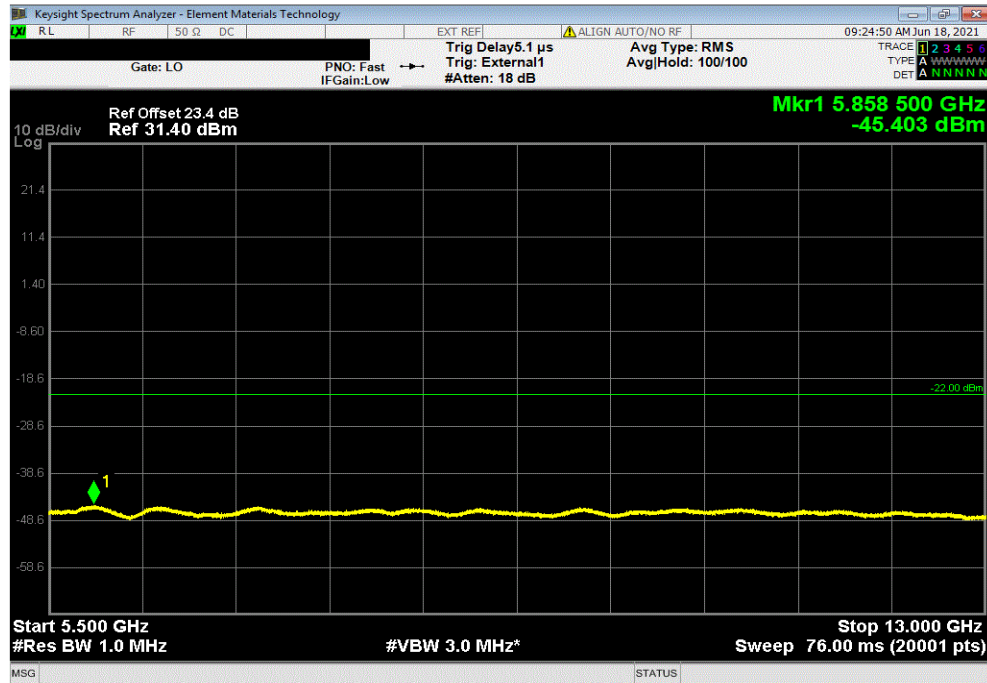


SPURIOUS CONDUCTED EMISSIONS

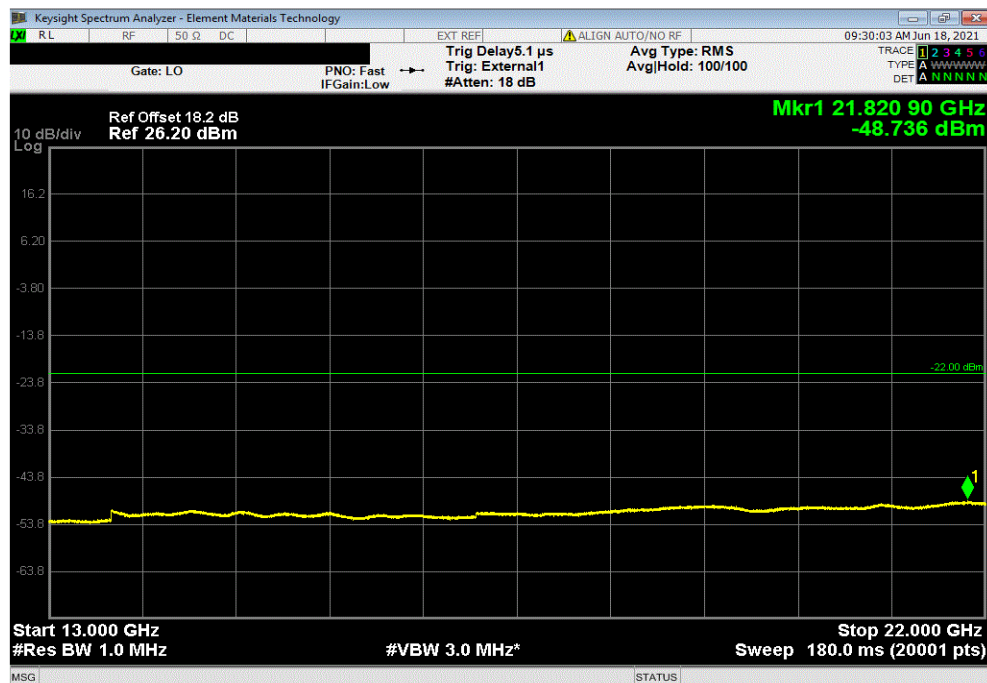


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 80MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 5, 5.5GHz - 13GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-45.403	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 80MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 6, 13GHz - 22GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-48.736	-22	Pass

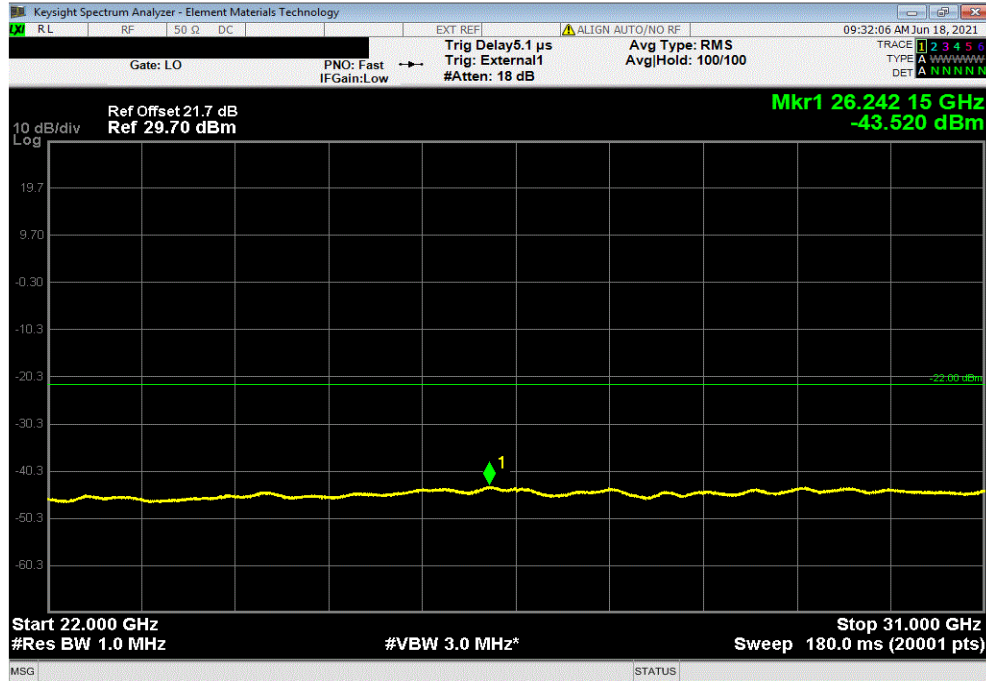


SPURIOUS CONDUCTED EMISSIONS

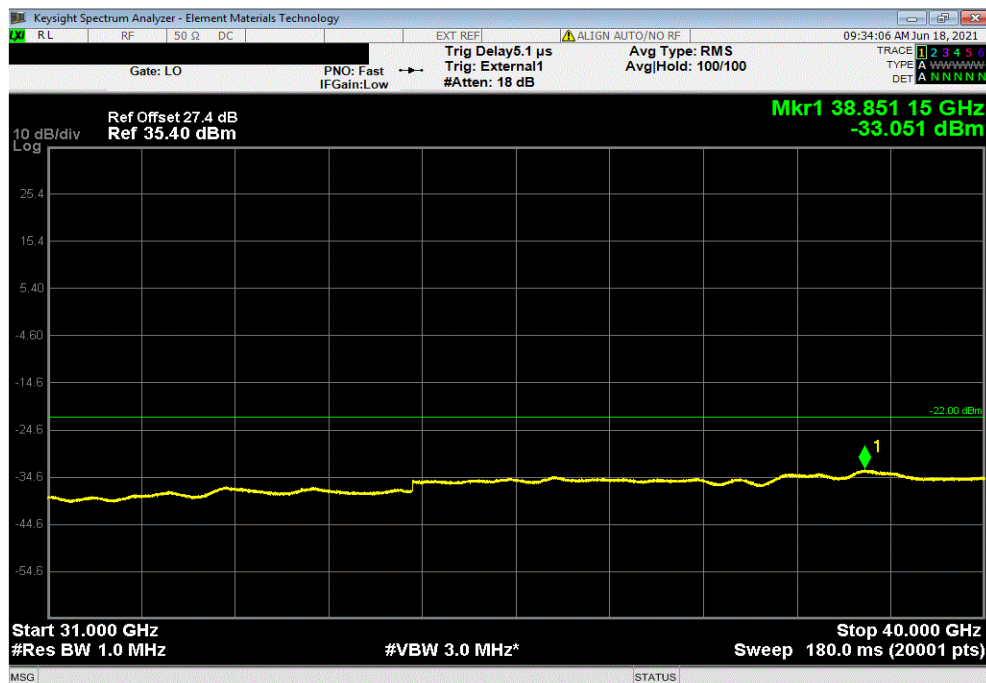


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 80MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 7, 22GHz - 31GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-43.52	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 80MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 8, 31GHz - 40GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-33.051	-22	Pass

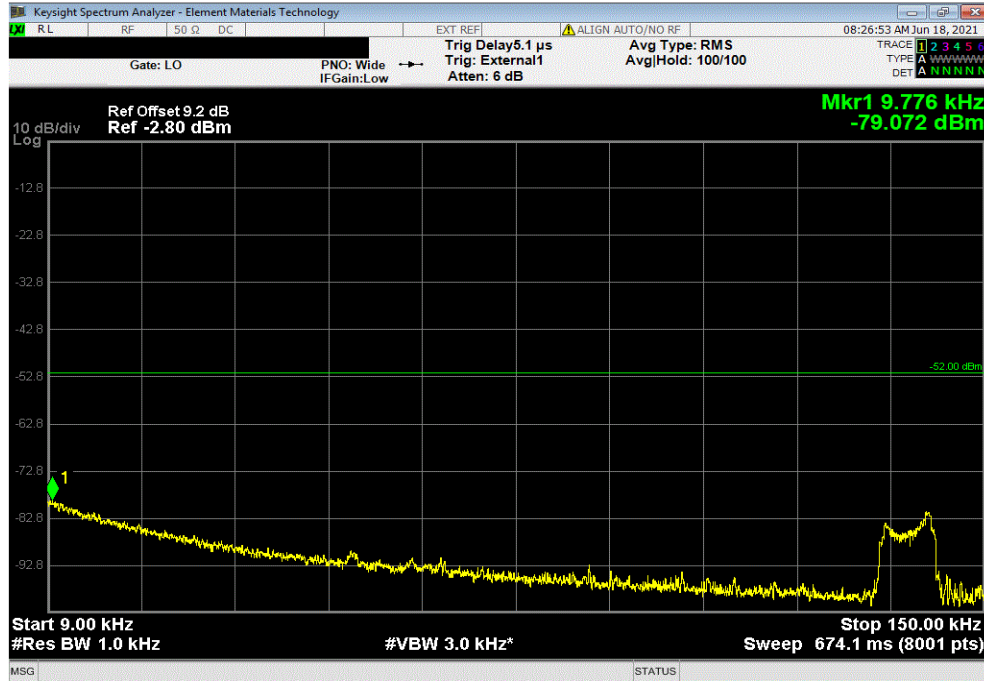


SPURIOUS CONDUCTED EMISSIONS

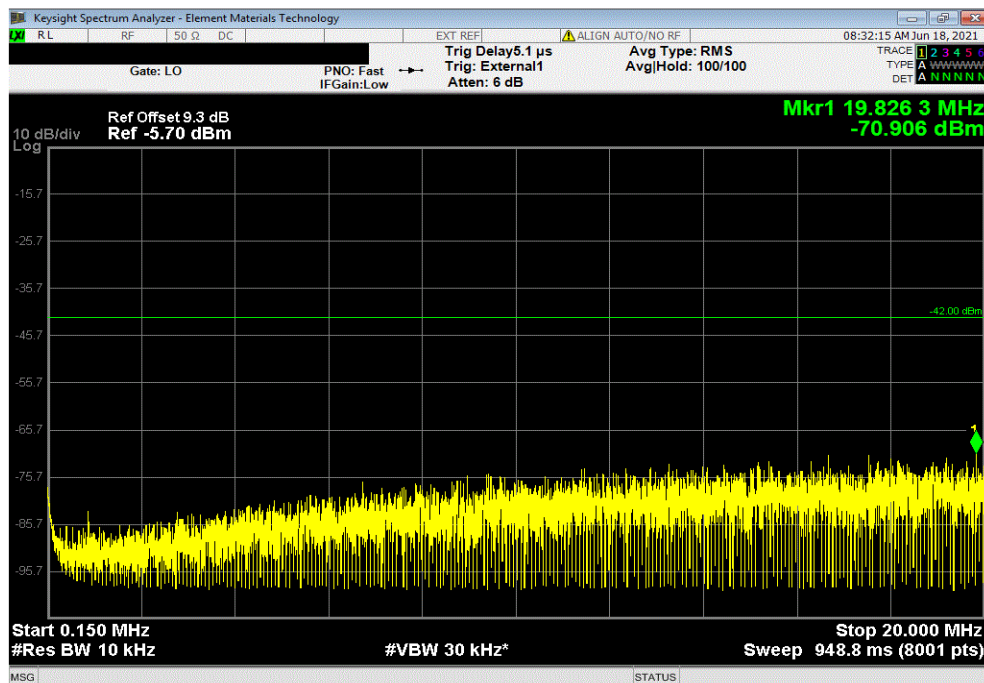


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 100MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 1, 9kHz - 150kHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-79.072	-52	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 100MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 2, 150kHz - 20MHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-70.906	-42	Pass

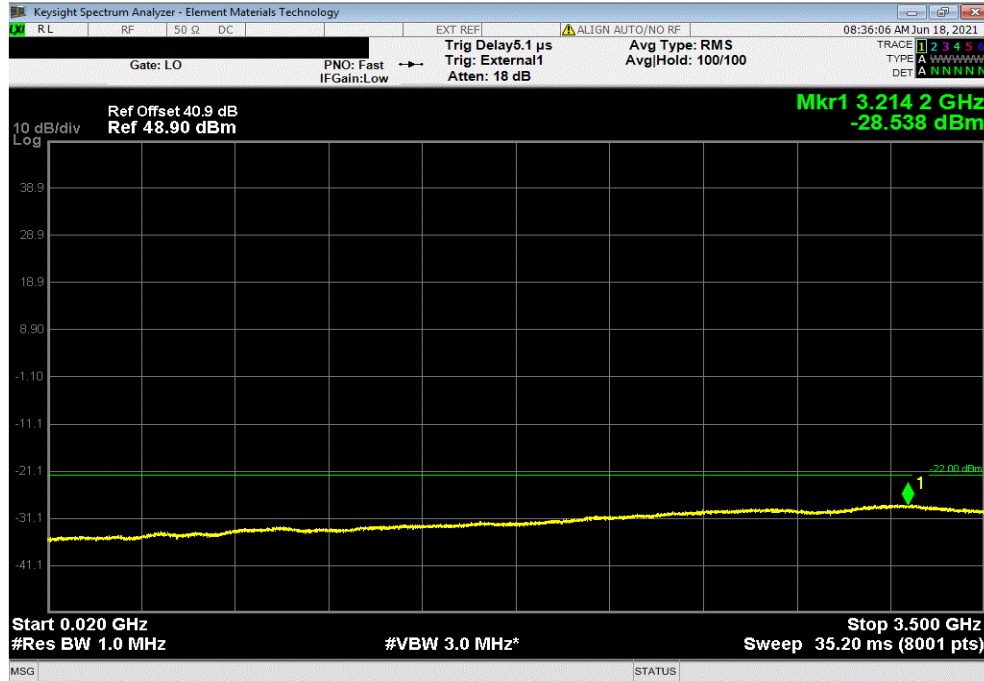


SPURIOUS CONDUCTED EMISSIONS

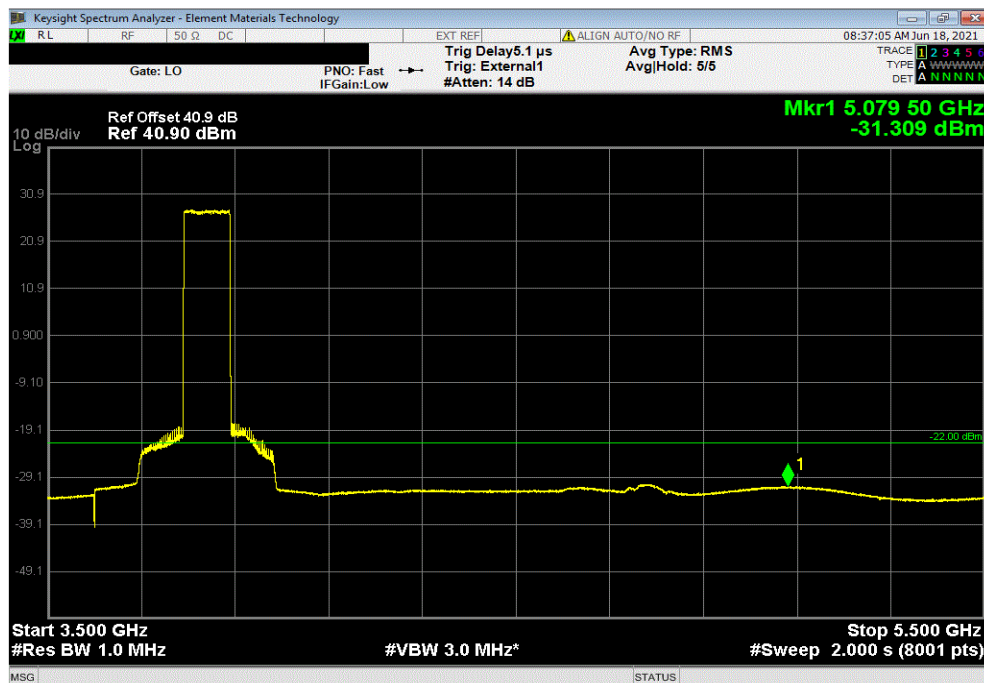


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 100MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 3, 20MHz - 3.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-28.538	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 100MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 4, 3.5GHz - 5.5GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-31.309	-22	Pass

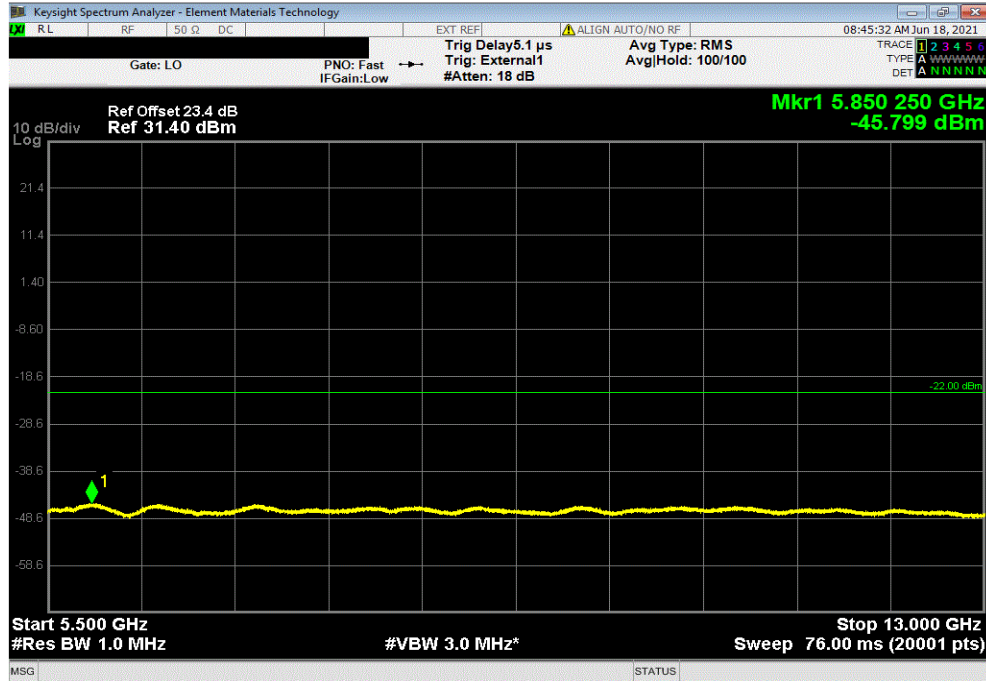


SPURIOUS CONDUCTED EMISSIONS

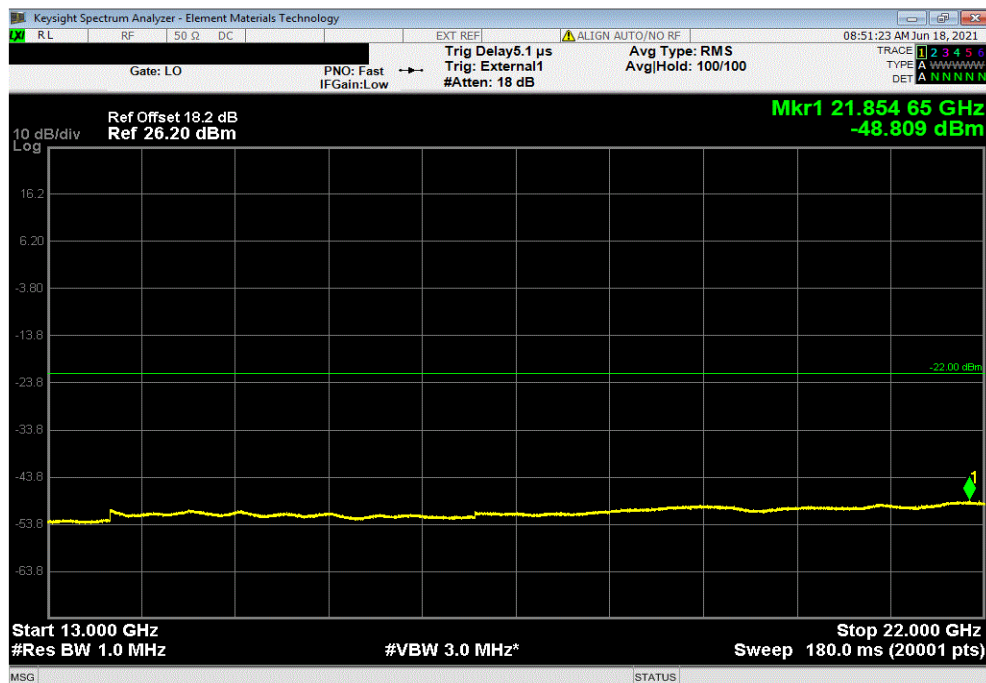


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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 100MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 5, 5.5GHz - 13GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-45.799	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 100MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 6, 13GHz - 22GHz						
				Max Value (dBm)	Limit < (dBm)	Result
				-48.809	-22	Pass



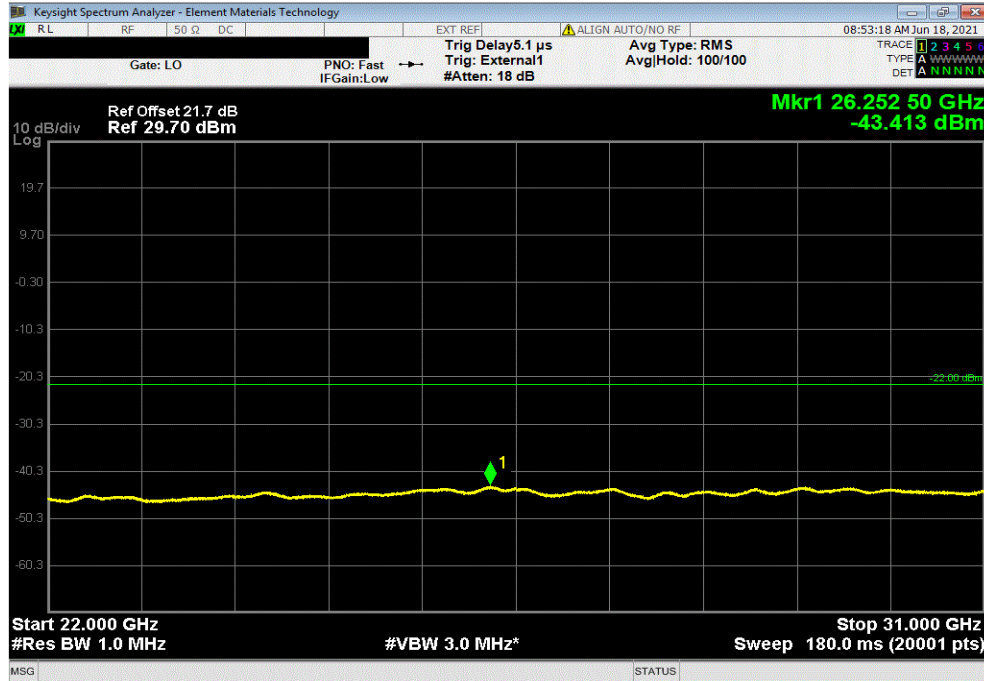
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Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 100MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 7, 22GHz - 31GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-43.413	-22	Pass



Band n77, 3700 MHz - 3980 MHz, 5 G NR, Port 8, 100MHz Bandwidth, 256-QAM Modulation, Mid Ch. 3840 MHz, Range 8, 31GHz - 40GHz

				Max Value (dBm)	Limit < (dBm)	Result
				-33.114	-22	Pass

