SPURIOUS CONDUCTED EMISSIONS

XMit 2022.02.07.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Keysight	N5182B	TEV	2021-04-27	2024-04-27
Block - DC	Fairview Microwave	SD3379	AMM	2021-09-14	2022-09-14
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFQ	2022-01-17	2023-01-17

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 22 GHz. The peak 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 measurement methods are detailed in KDB971168 D01v03 section 6 and ANSI C63.26-2015.

Per FCC 2.1057(a)(1) and RSS Gen 6.13, the upper level of measurement is the 10th harmonic of the highest fundamental frequency.

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

Per section FCC 24.238(a), RSS-133 6.5 (ii), FCC 27.53(h)(1), RSS-139 6.6 and RSS-170 5.4 & 5.4.1.2, the power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm for a 1 MHz measurement bandwidth. The limit is adjusted to -19 dBm [-13 dBm -10 log (4)] per FCC KDB 662911D01 v02r01 because the BTS may operate as a 4 port MIMO transmitter. RF conducted emissions testing was performed on one port. The AHFII antenna ports are essentially electrically identical (the RF power variation between antenna ports is small as shown in this certification report) and port 1 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.

The limit for the 9kHz to 150kHz frequency range was adjusted to –49dBm to correct for a spectrum analyzer RBW of 1kHz versus required RBW of 1MHz [i.e.: -49dBm = -19dBm -10log(1MHz/1kHz)]. The limit for the 150kHz to 20MHz frequency range was adjusted to –39dBm to correct for a spectrum analyzer RBW of 10kHz versus required RBW of 1MHz [i.e.: -39dBm = -19dBm -10log(1MHz/10kHz)]. The required limit of -19dBm with a RBW of > 1MHz was used for all other frequency ranges.

SPURIOUS CONDUCTED EMISSIONS

element

TbtTx 2022.03.14.0 XMit 2022.02.07.0

EUT:	**AHFII Remote Radio Head**			**Work Order:**	**NOKI0038**
Serial Number:	**YK214000035**			**Date:**	**25-Mar-22**
Customer:	**Nokia of America Corporation**			**Temperature:**	**22.4 °C**
Attendees:	**Mitchell Hill**			**Humidity:**	**25.5% RH**
Project:	**None**			**Barometric Pres.:**	**1022 mbar**
Tested by:	**Mark Baytan**	**Power:**	**54 VDC**	**Job Site:**	**TX06**

TEST SPECIFICATIONS	**Test Method**
FCC 24E:2022	ANSI C63.26:2015
RSS-133 Issue 6:2013+A1:2018	RSS-133 Issue 6:2013+A1:2018
FCC 27:2022	ANSI C63.26:2015
RSS-139 Issue 3:2015	RSS-139 Issue 3:2015
RSS-170 Issue 3:2015	RSS-170 Issue 3:2015

COMMENTS

All measurement path losses were accounted for in the reference level offest including any attenuators, filters and DC blocks. The Band n25 carrier was enabled at maximum power (80 watts/carrier). The Band n66 carrier was enabled on the middle channel (2155MHz) at 40 watts with the same channel bandwidth and modulation type as the Band n25 carrier. The port power was set at the maximum level of 120 Watts [Band 25 carrier (80W) and Band 66 carrier (40W)].

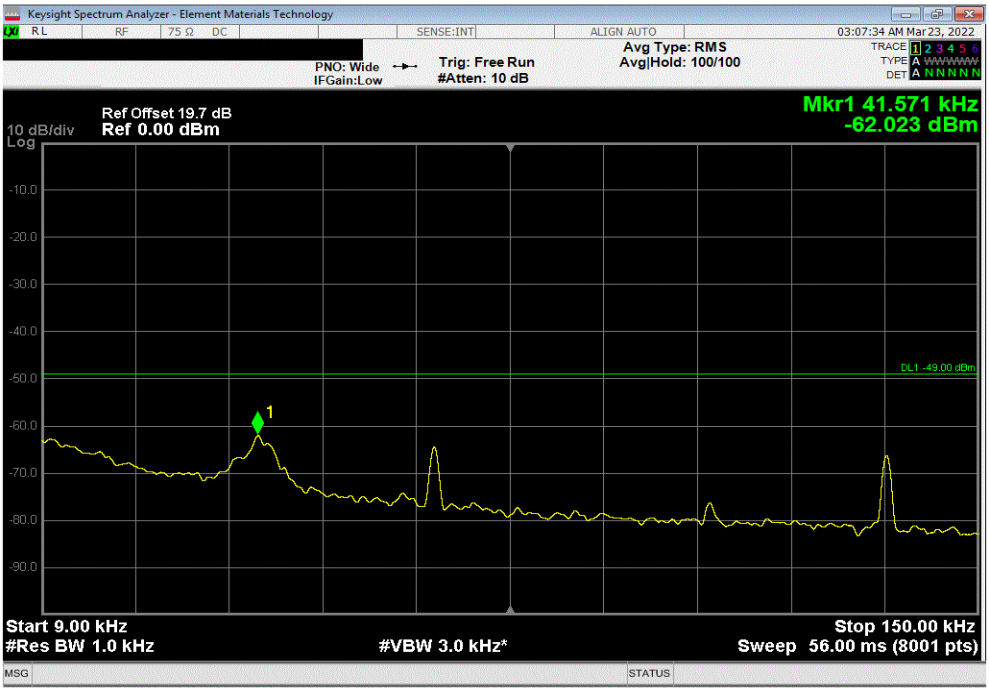
DEVIATIONS FROM TEST STANDARD

None

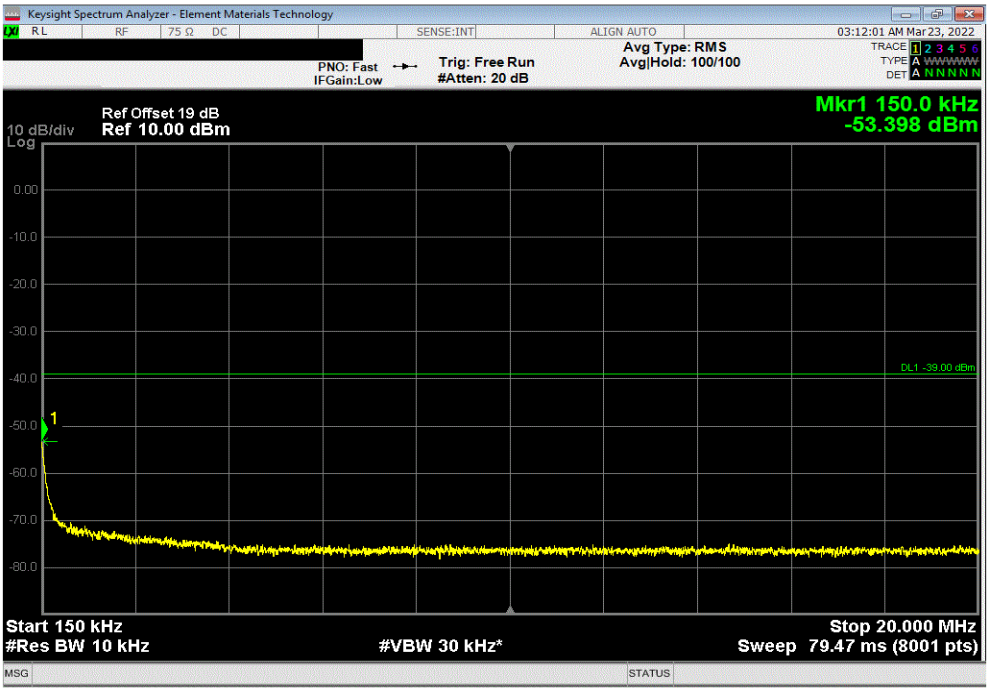
Configuration #	**1,2,3,4**	*Signature*

		Frequency Range	Value (dBm)	Limit (dBm)	Result
Band n25, 1930 MHz - 1995 MHz, 5G NR					
Port 1					
5 MHz Bandwidth					
QPSK Modulation					
	Mid Channel, 1962.5 MHz	9 kHz - 150 kHz	-62.02	-49	Pass
	Mid Channel, 1962.5 MHz	150 kHz - 20 MHz	-53.4	-39	Pass
	Mid Channel, 1962.5 MHz	20 MHz - 3.5 GHz	-25.83	-19	Pass
	Mid Channel, 1962.5 MHz	1.9 GHz - 2.2 GHz	-25.43	-19	Pass
	Mid Channel, 1962.5 MHz	3.5 GHz - 13 GHz	-38.14	-19	Pass
	Mid Channel, 1962.5 MHz	13 GHz - 22 GHz	-25.9	-19	Pass
16-QAM Modulation					
	Mid Channel, 1962.5 MHz	9 kHz - 150 kHz	-62.5	-49	Pass
	Mid Channel, 1962.5 MHz	150 kHz - 20 MHz	-53.02	-39	Pass
	Mid Channel, 1962.5 MHz	20 MHz - 3.5 GHz	-26.19	-19	Pass
	Mid Channel, 1962.5 MHz	1.9 GHz - 2.2 GHz	-25.22	-19	Pass
	Mid Channel, 1962.5 MHz	3.5 GHz - 13 GHz	-38.11	-19	Pass
	Mid Channel, 1962.5 MHz	13 GHz - 22 GHz	-25.74	-19	Pass
64-QAM Modulation					
	Mid Channel, 1962.5 MHz	9 kHz - 150 kHz	-62.68	-49	Pass
	Mid Channel, 1962.5 MHz	150 kHz - 20 MHz	-53.87	-39	Pass
	Mid Channel, 1962.5 MHz	20 MHz - 3.5 GHz	-25.67	-19	Pass
	Mid Channel, 1962.5 MHz	1.9 GHz - 2.2 GHz	-25.5	-19	Pass
	Mid Channel, 1962.5 MHz	3.5 GHz - 13 GHz	-38.16	-19	Pass
	Mid Channel, 1962.5 MHz	13 GHz - 22 GHz	-26.04	-19	Pass
256-QAM Modulation					
	Mid Channel, 1962.5 MHz	9 kHz - 150 kHz	-62.24	-49	Pass
	Mid Channel, 1962.5 MHz	150 kHz - 20 MHz	-53.41	-39	Pass
	Mid Channel, 1962.5 MHz	20 MHz - 3.5 GHz	-25.56	-19	Pass
	Mid Channel, 1962.5 MHz	1.9 GHz - 2.2 GHz	-25.38	-19	Pass
	Mid Channel, 1962.5 MHz	3.5 GHz - 13 GHz	-38.08	-19	Pass
	Mid Channel, 1962.5 MHz	13 GHz - 22 GHz	-25.76	-19	Pass
10 MHz Bandwidth					
256-QAM Modulation					
	Mid Channel, 1962.5 MHz	9 kHz - 150 kHz	-62.34	-49	Pass
	Mid Channel, 1962.5 MHz	150 kHz - 20 MHz	-53.3	-39	Pass
	Mid Channel, 1962.5 MHz	20 MHz - 3.5 GHz	-25.25	-19	Pass
	Mid Channel, 1962.5 MHz	1.9 GHz - 2.2 GHz	-24.99	-19	Pass
	Mid Channel, 1962.5 MHz	3.5 GHz - 13 GHz	-38.14	-19	Pass
	Mid Channel, 1962.5 MHz	13 GHz - 22 GHz	-25.9	-19	Pass
15 MHz Bandwidth					
256-QAM Modulation					
	Mid Channel, 1962.5 MHz	9 kHz - 150 kHz	-62.02	-49	Pass
	Mid Channel, 1962.5 MHz	150 kHz - 20 MHz	-53.84	-39	Pass
	Mid Channel, 1962.5 MHz	20 MHz - 3.5 GHz	-25.31	-19	Pass
	Mid Channel, 1962.5 MHz	1.9 GHz - 2.2 GHz	-25.13	-19	Pass
	Mid Channel, 1962.5 MHz	3.5 GHz - 13 GHz	-38.2	-19	Pass
	Mid Channel, 1962.5 MHz	13 GHz - 22 GHz	-25.73	-19	Pass
20 MHz Bandwidth					
256-QAM Modulation					
	Mid Channel, 1962.5 MHz	9 kHz - 150 kHz	-61.184	-49	Pass
	Mid Channel, 1962.5 MHz	150 kHz - 20 MHz	-53.435	-39	Pass
	Mid Channel, 1962.5 MHz	20 MHz - 3.5 GHz	-25.11	-19	Pass
	Mid Channel, 1962.5 MHz	1.9 GHz - 2.2 GHz	-21.99	-19	Pass
	Mid Channel, 1962.5 MHz	3.5 GHz - 13 GHz	-38.02	-19	Pass
	Mid Channel, 1962.5 MHz	13 GHz - 22 GHz	-25.75	-19	Pass
30 MHz Bandwidth					
256-QAM Modulation					
	Mid Channel, 1962.5 MHz	9 kHz - 150 kHz	-61.59	-49	Pass
	Mid Channel, 1962.5 MHz	150 kHz - 20 MHz	-53.58	-39	Pass
	Mid Channel, 1962.5 MHz	20 MHz - 3.5 GHz	-24.99	-19	Pass
	Mid Channel, 1962.5 MHz	1.9 GHz - 2.2 GHz	-27.66	-19	Pass
	Mid Channel, 1962.5 MHz	3.5 GHz - 13 GHz	-37.89	-19	Pass
	Mid Channel, 1962.5 MHz	13 GHz - 22 GHz	-25.84	-19	Pass

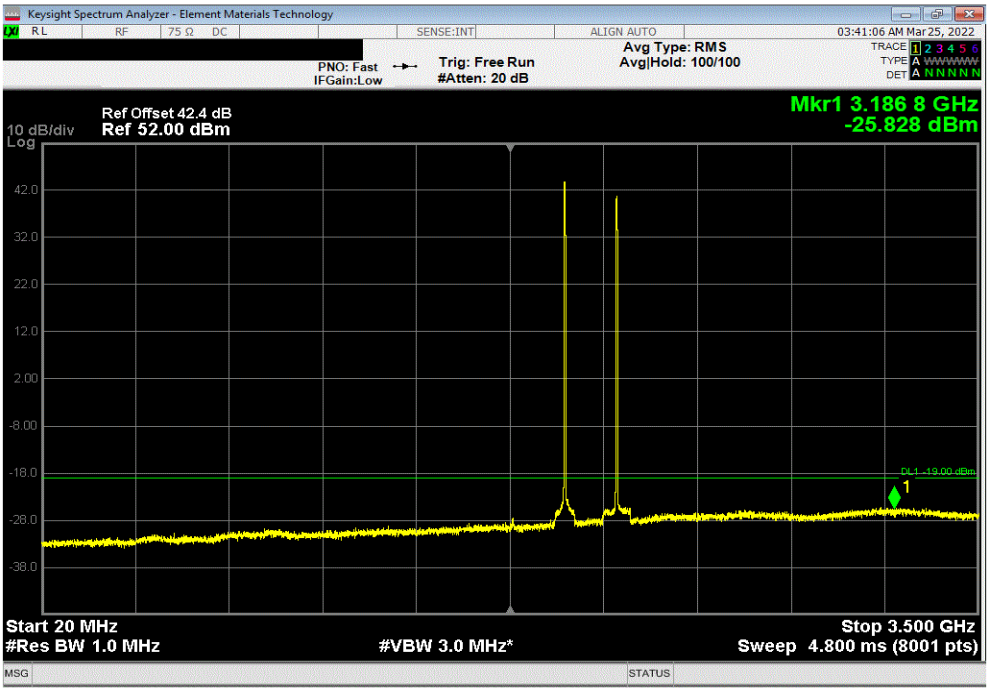
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	9 kHz - 150 kHz			-62.02	-49	Pass



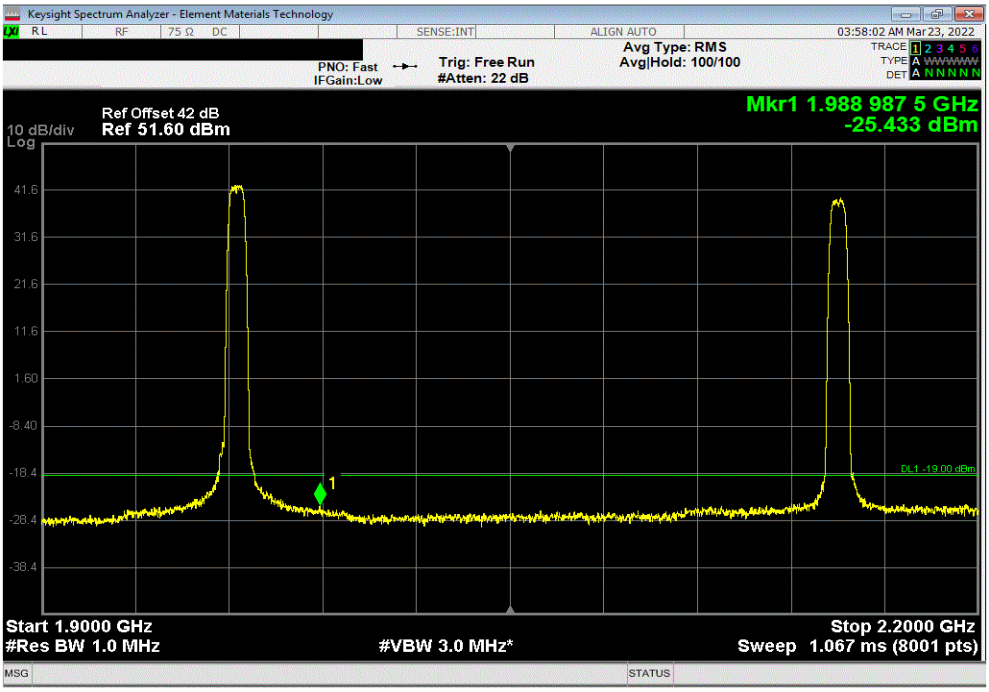
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 1962.5 MHz					
Frequency Range			Value (dBm)	Limit (dBm)	Result
150 kHz - 20 MHz			-53.4	-39	Pass



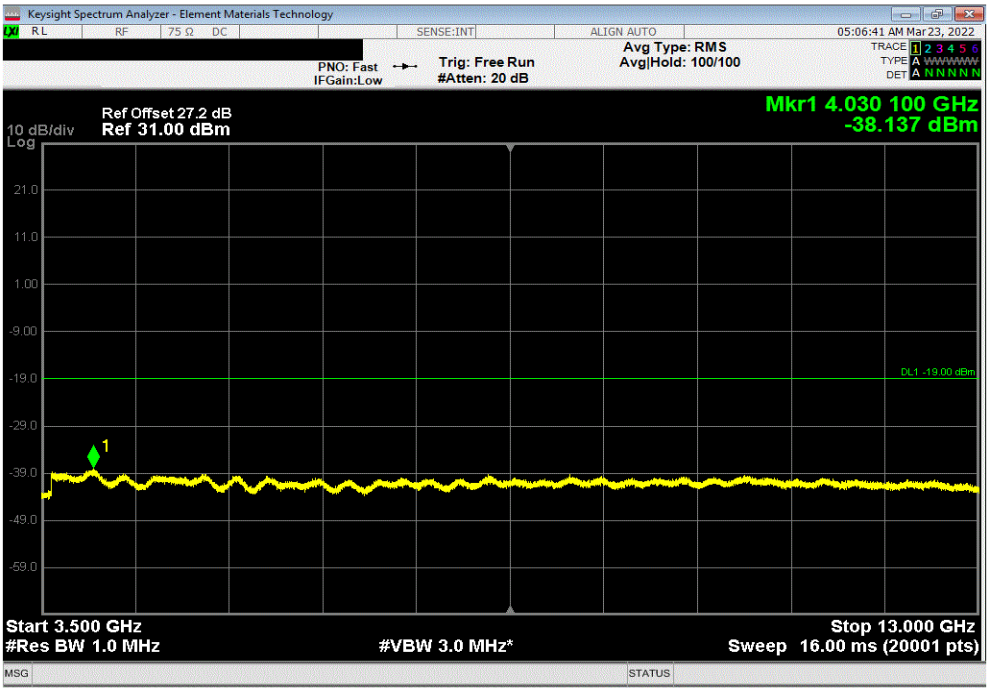
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
20 MHz - 3.5 GHz		-25.83	-19	Pass



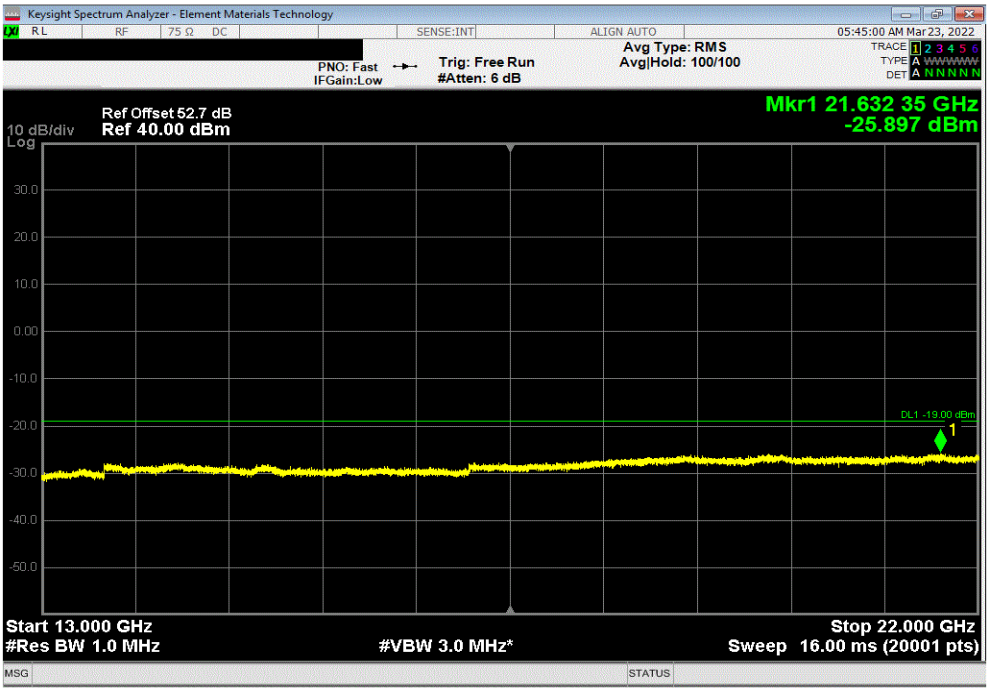
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
1.9 GHz - 2.2 GHz		-25.43	-19	Pass



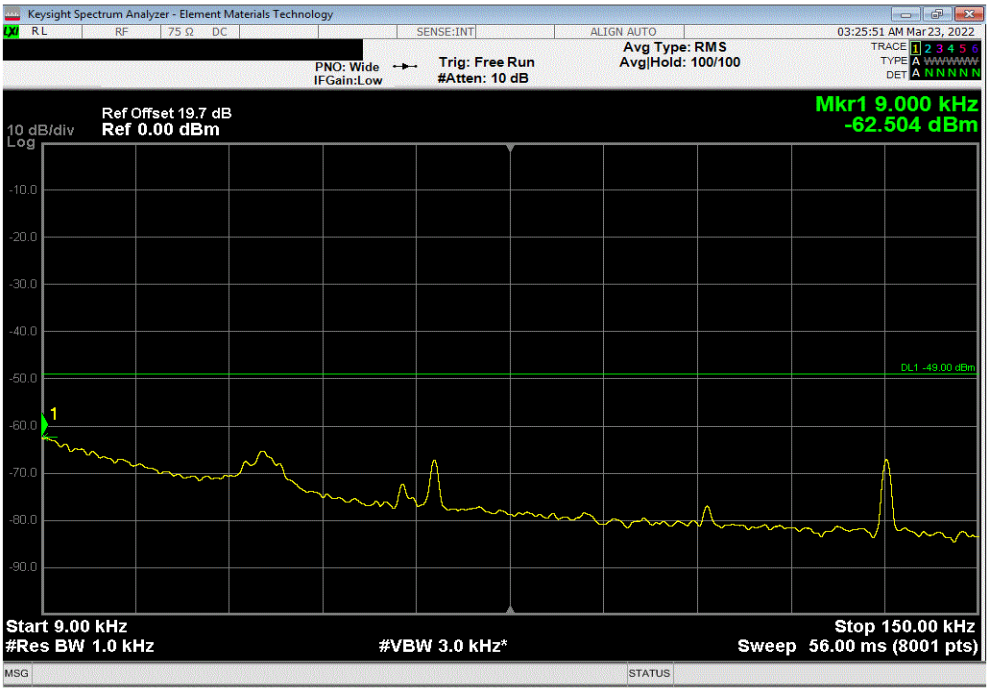
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
3.5 GHz - 13 GHz		-38.14	-19	Pass



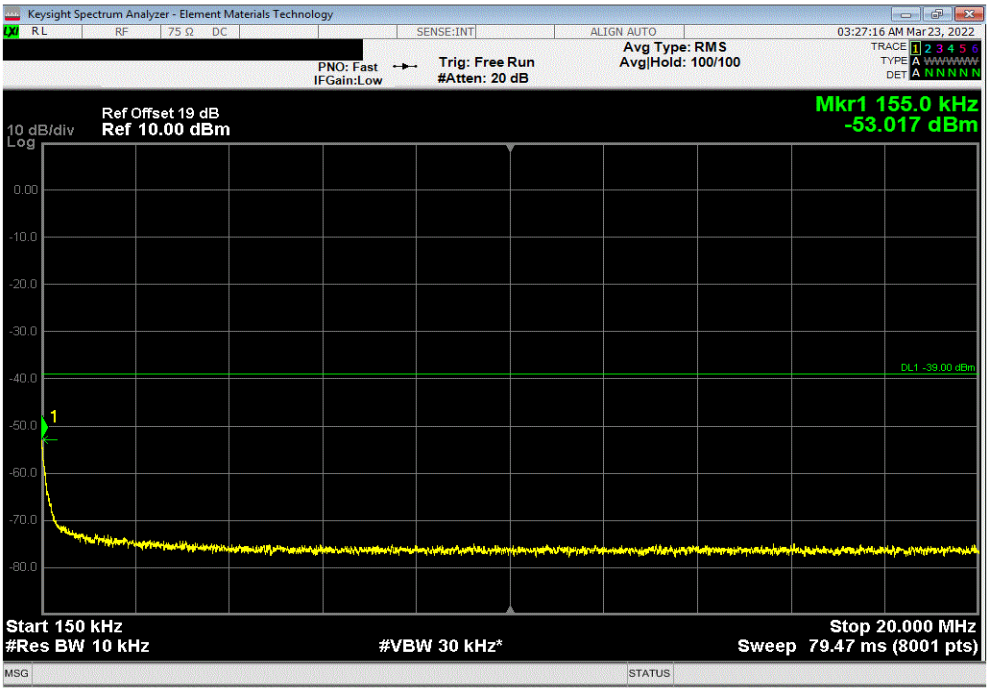
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
13 GHz - 22 GHz		-25.9	-19	Pass



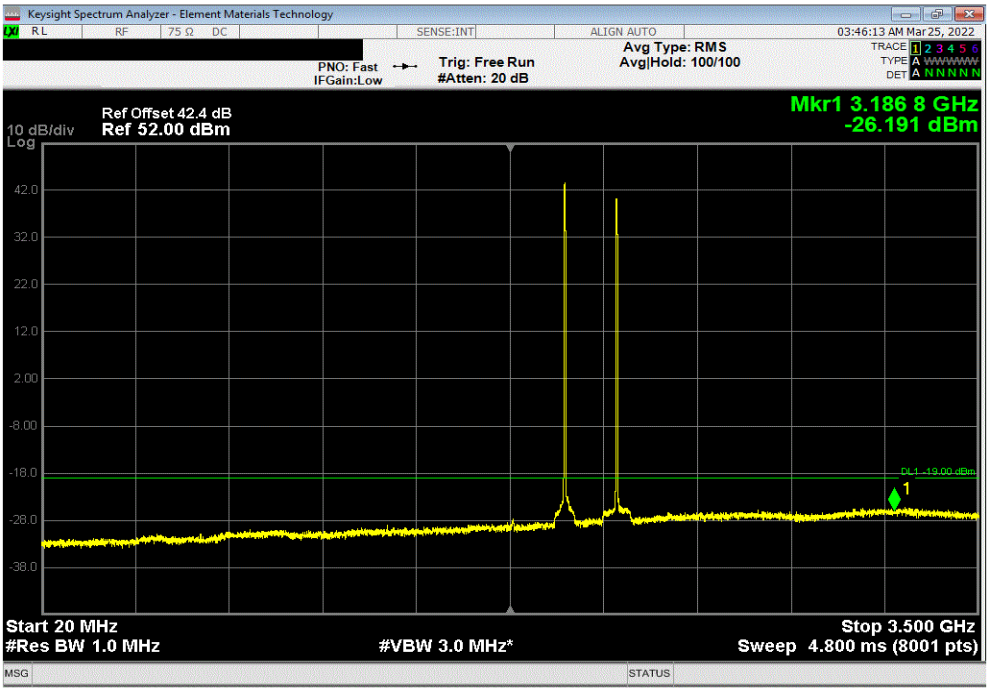
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	9 kHz - 150 kHz			-62.5	-49	Pass



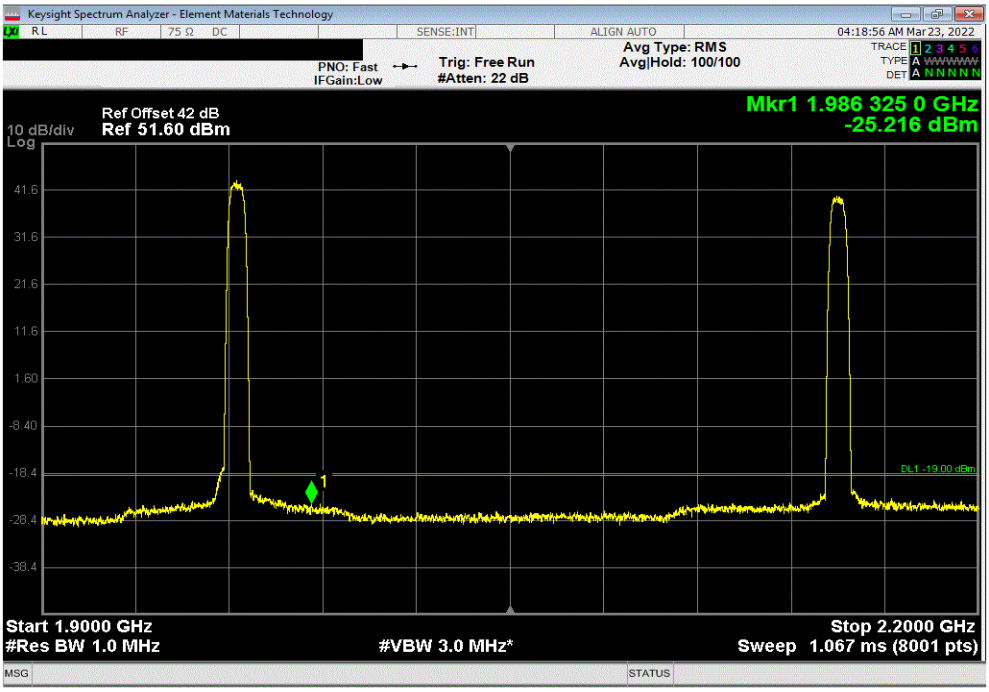
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 1962.5 MHz					
	Frequency Range		Value (dBm)	Limit (dBm)	Result
	150 kHz - 20 MHz		-53.02	-39	Pass



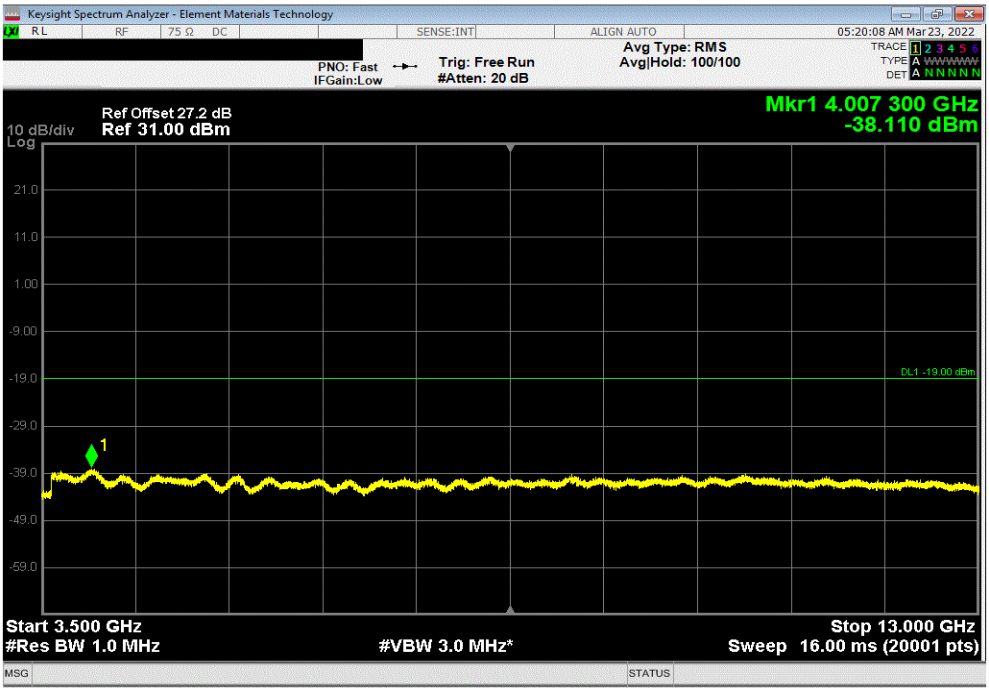
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
20 MHz - 3.5 GHz		-26.19	-19	Pass



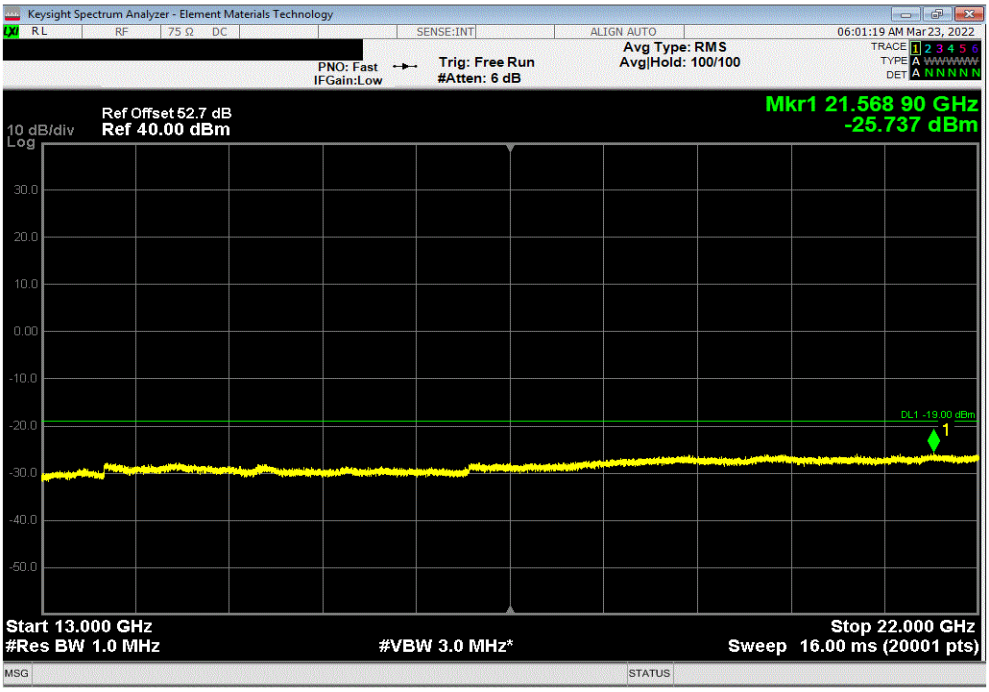
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
1.9 GHz - 2.2 GHz		-25.22	-19	Pass



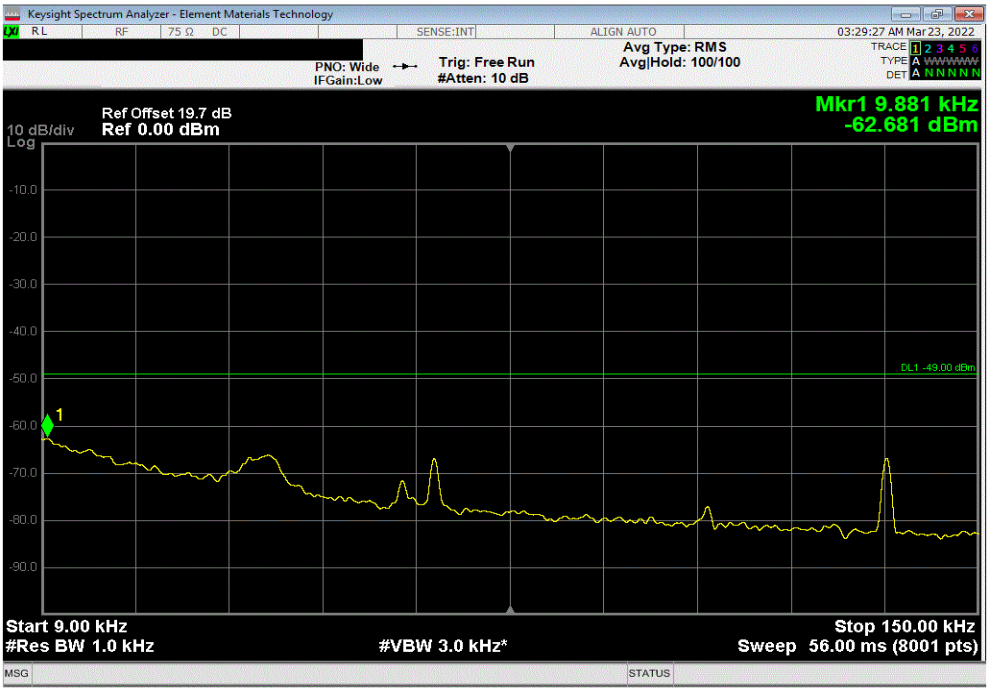
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
3.5 GHz - 13 GHz		-38.11	-19	Pass



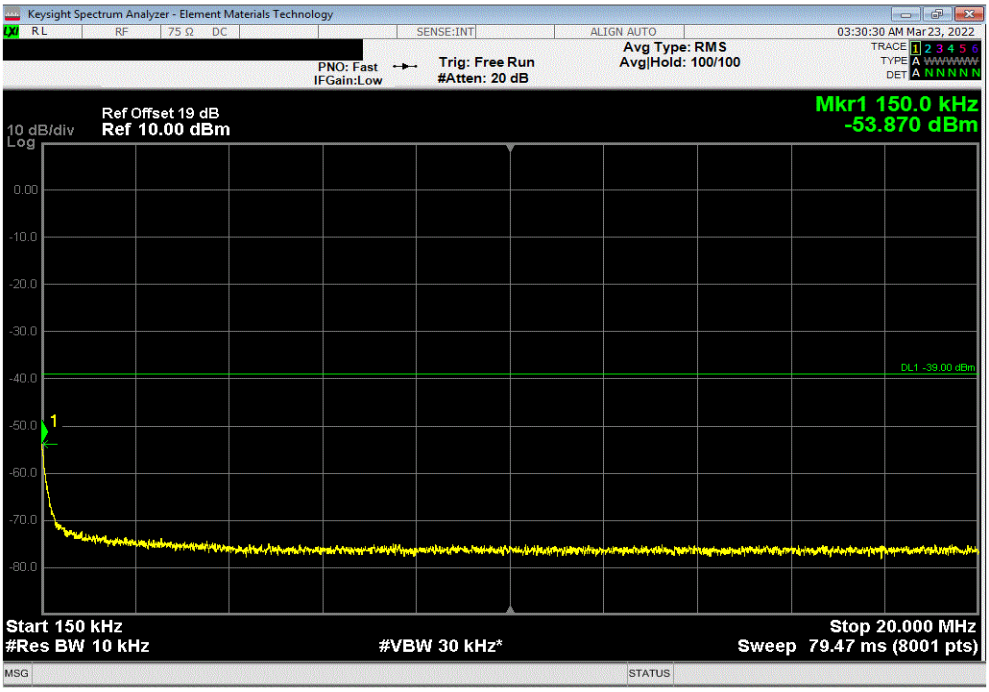
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
13 GHz - 22 GHz		-25.74	-19	Pass



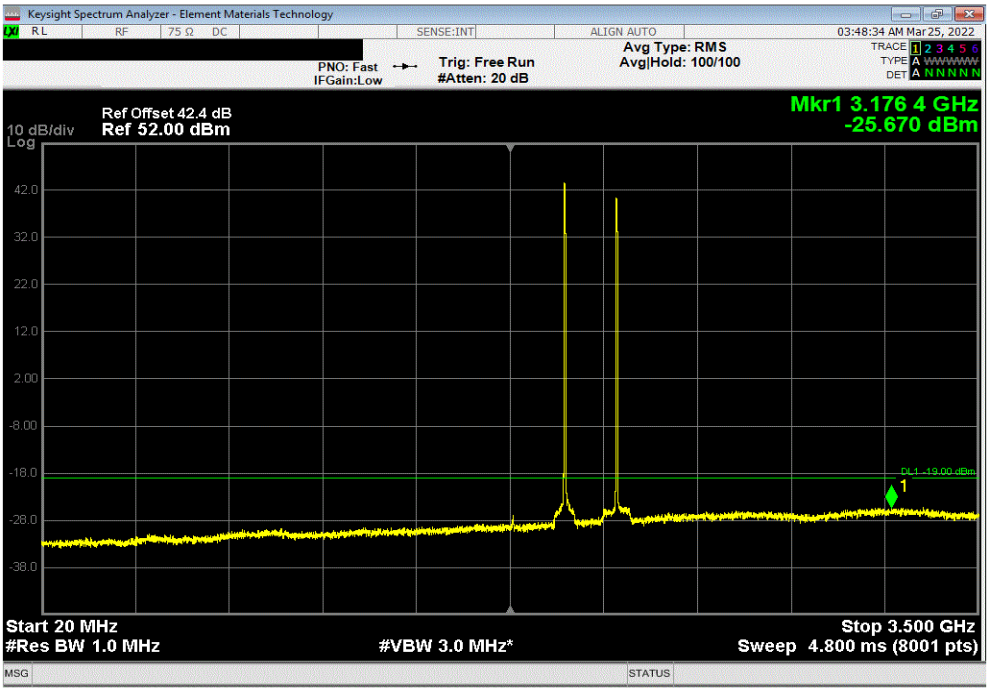
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	9 kHz - 150 kHz			-62.68	-49	Pass



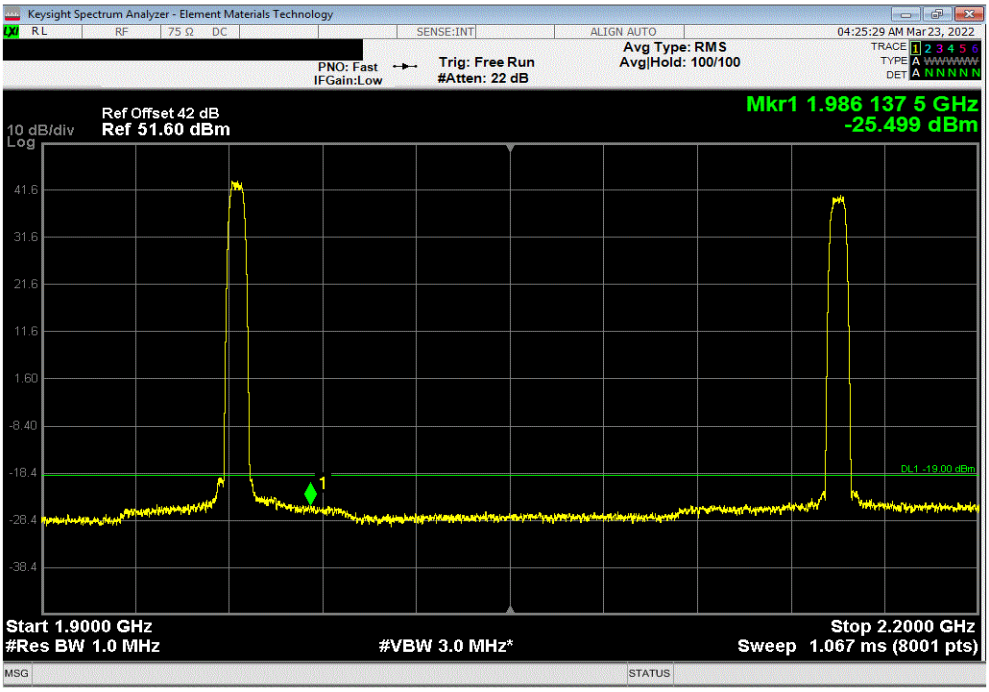
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 1962.5 MHz					
	Frequency Range		Value (dBm)	Limit (dBm)	Result
	150 kHz - 20 MHz		-53.87	-39	Pass



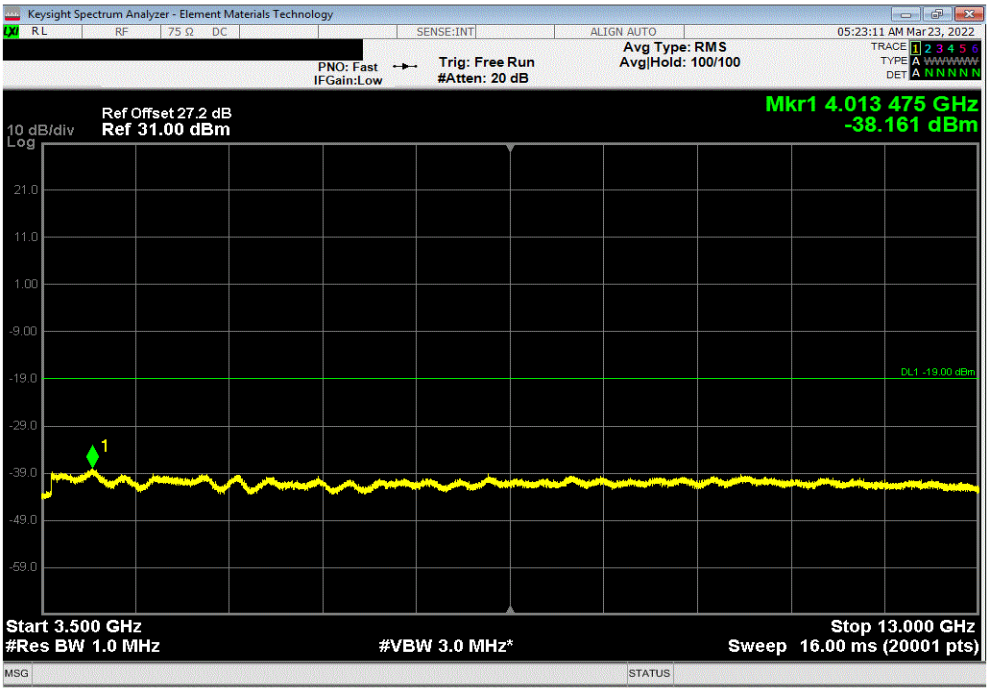
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
20 MHz - 3.5 GHz		-25.67	-19	Pass



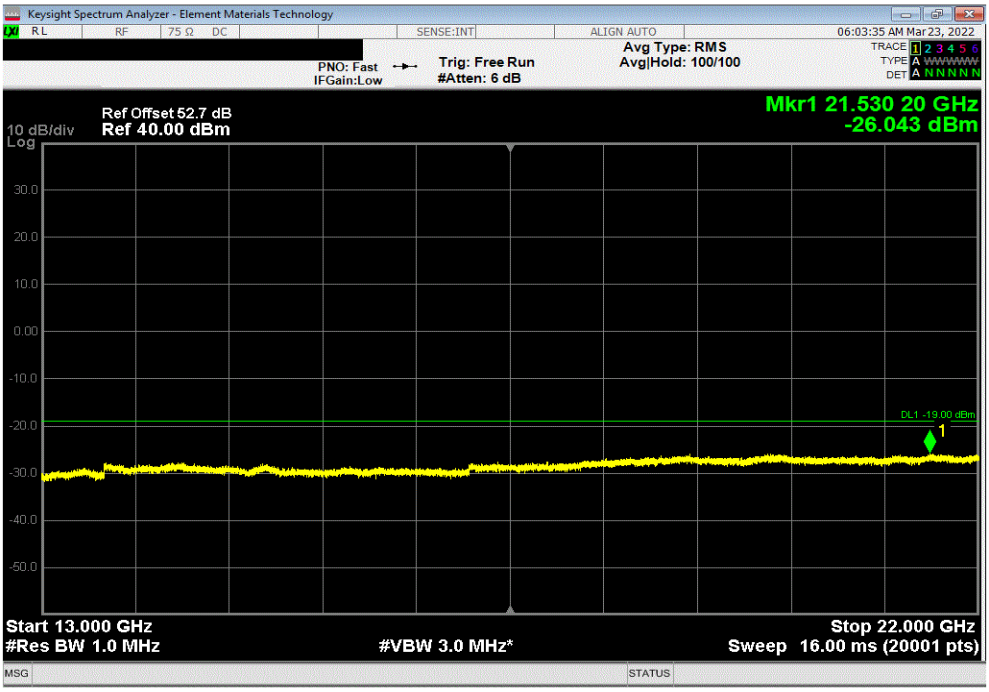
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
1.9 GHz - 2.2 GHz		-25.5	-19	Pass



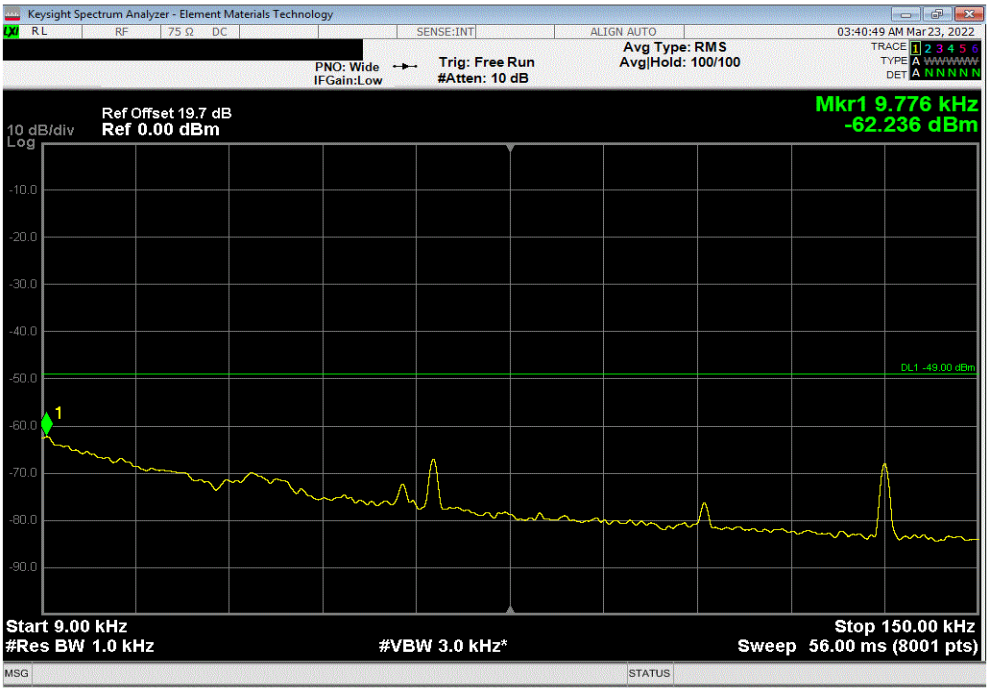
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
3.5 GHz - 13 GHz		-38.16	-19	Pass



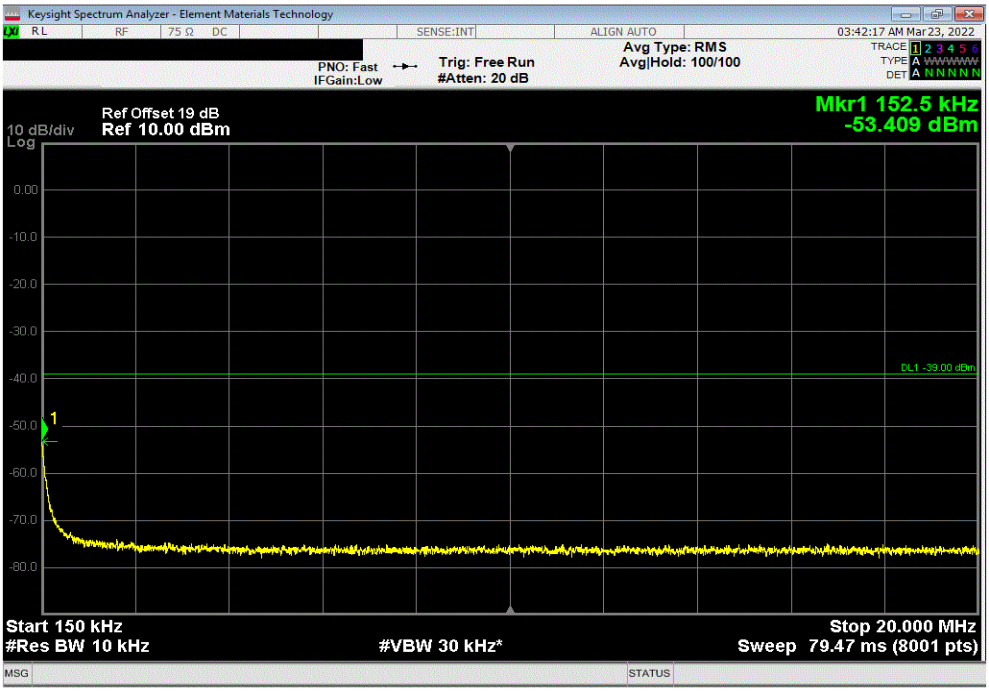
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
13 GHz - 22 GHz		-26.04	-19	Pass



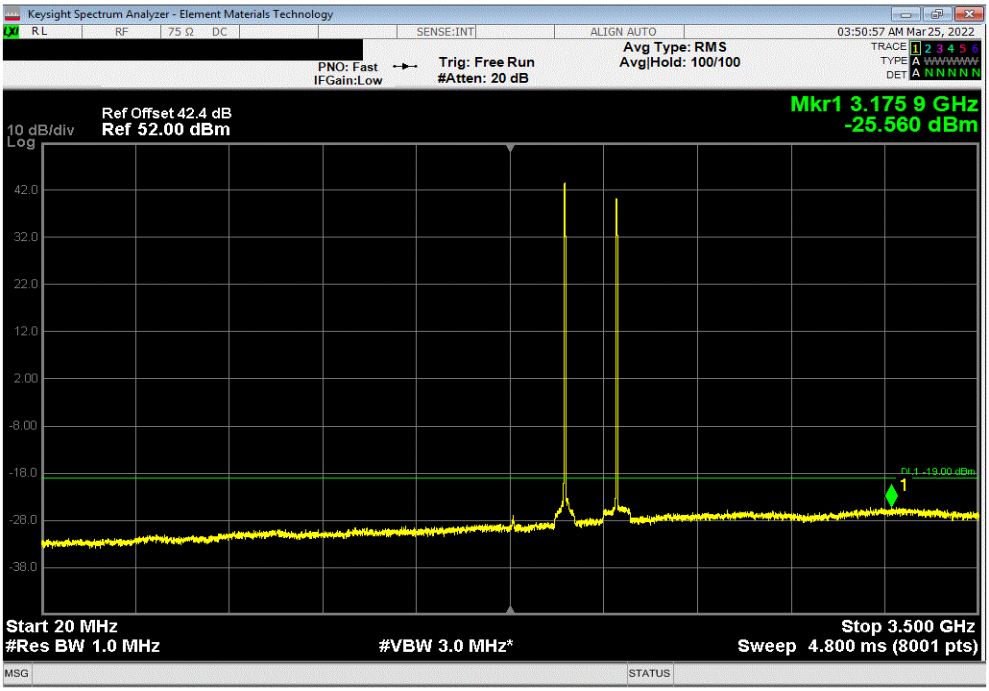
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz					
Frequency Range			Value (dBm)	Limit (dBm)	Result
9 kHz - 150 kHz			-62.24	-49	Pass



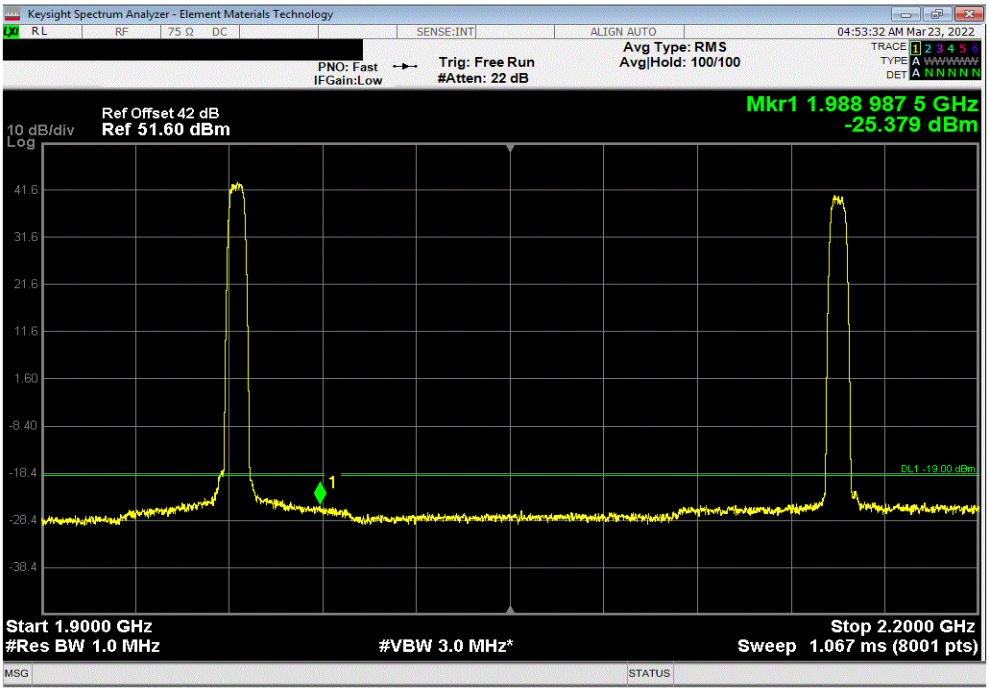
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
150 kHz - 20 MHz		-53.41	-39	Pass



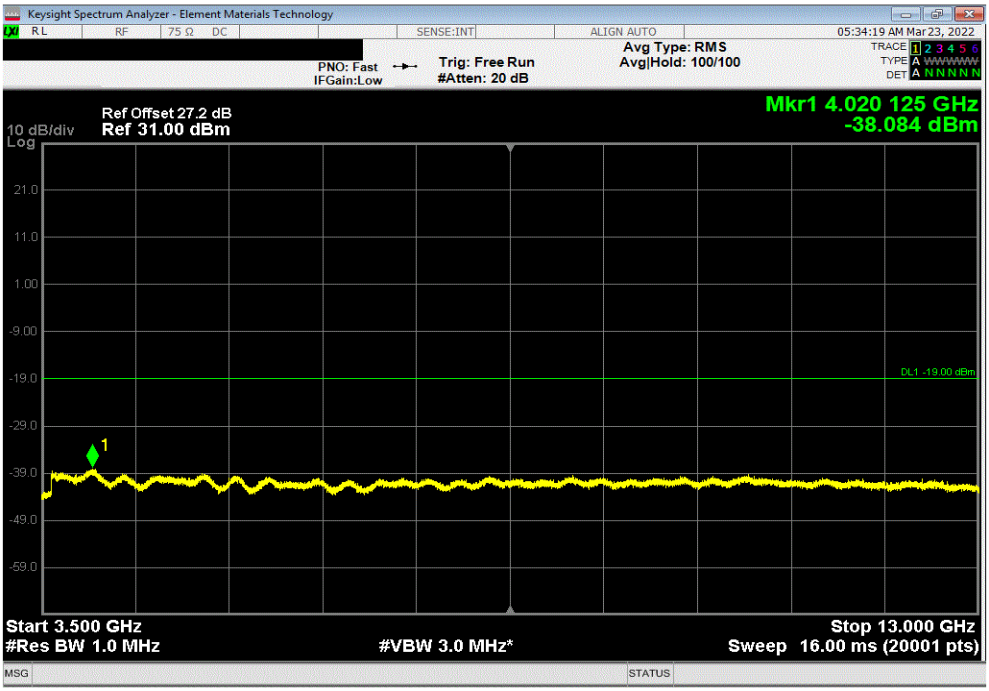
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
20 MHz - 3.5 GHz		-25.56	-19	Pass



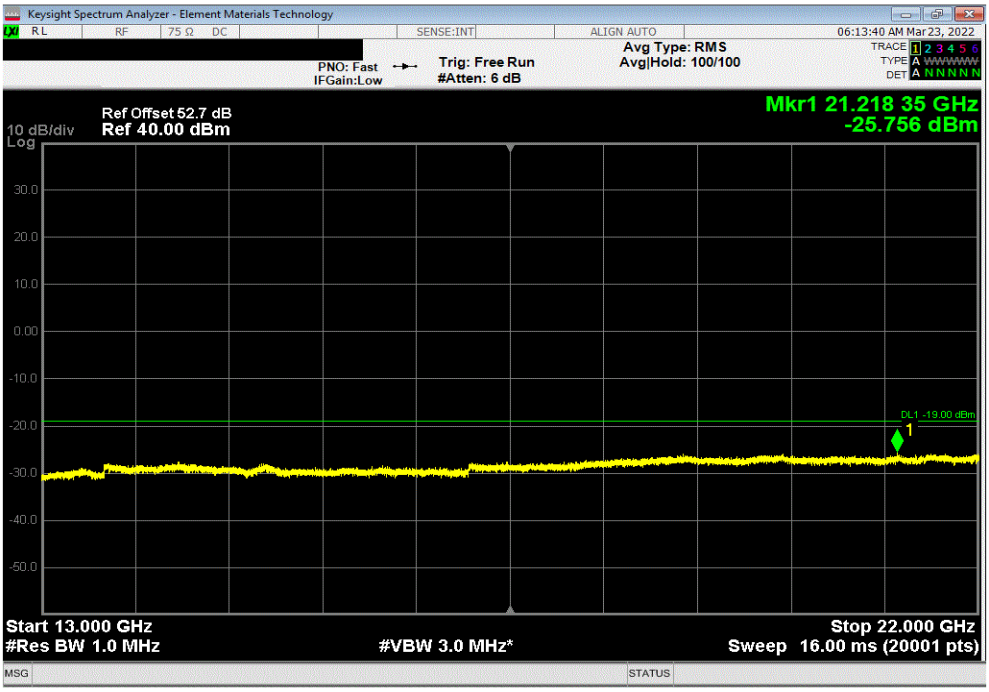
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
1.9 GHz - 2.2 GHz		-25.38	-19	Pass



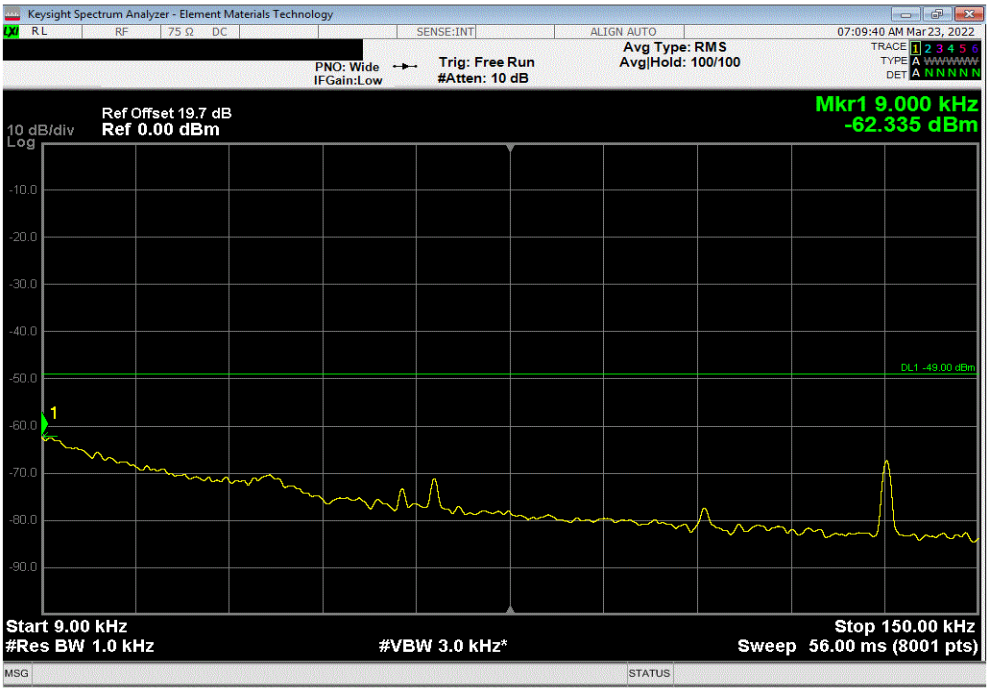
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
3.5 GHz - 13 GHz		-38.08	-19	Pass



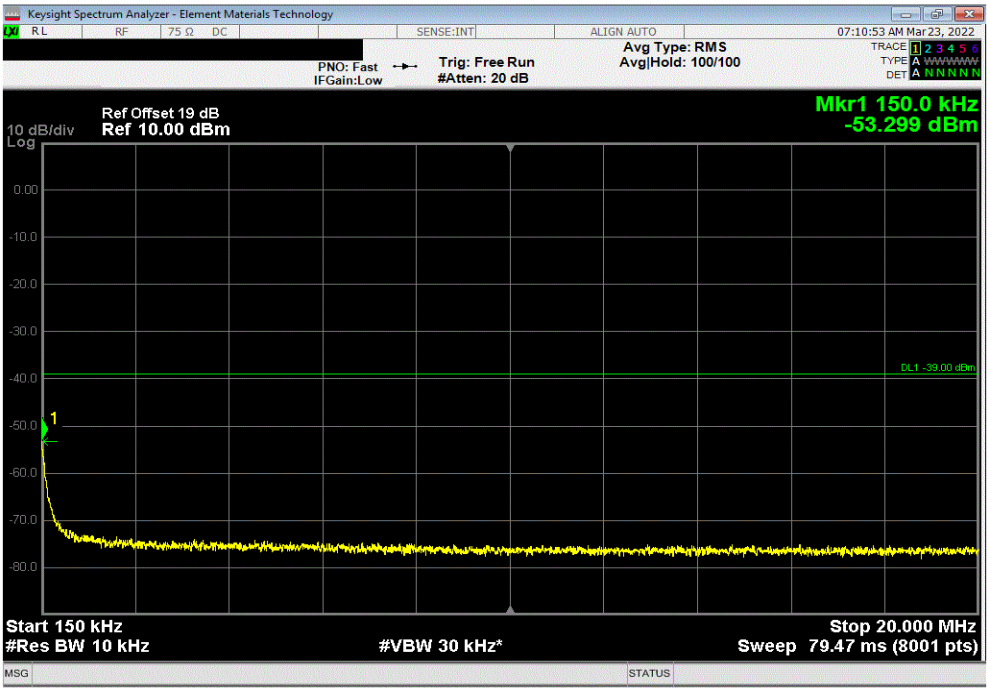
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
13 GHz - 22 GHz		-25.76	-19	Pass



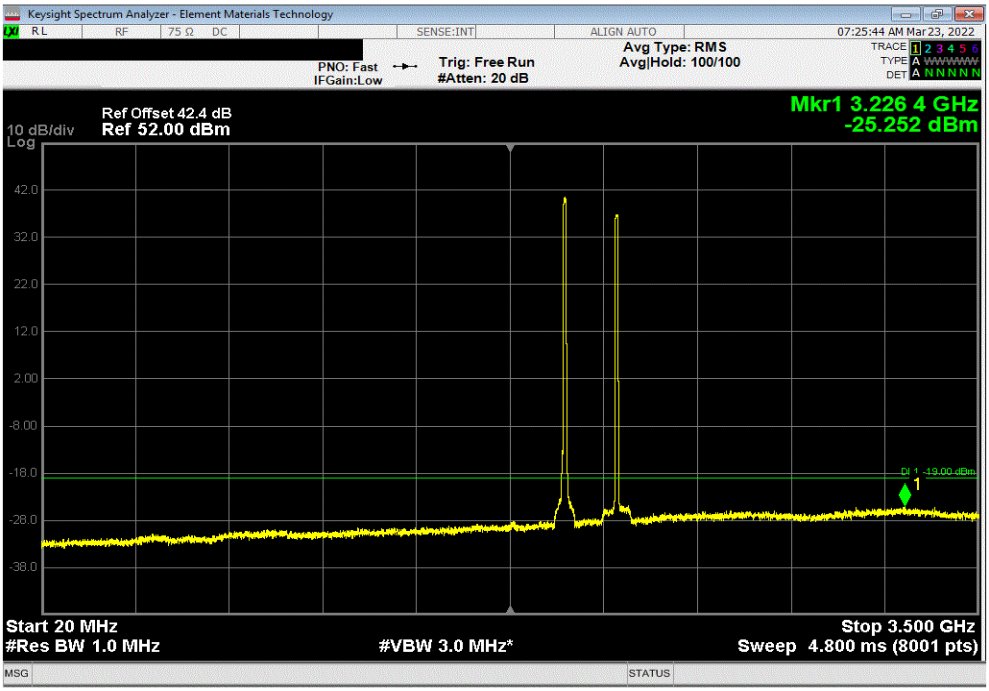
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	9 kHz - 150 kHz			-62.34	-49	Pass



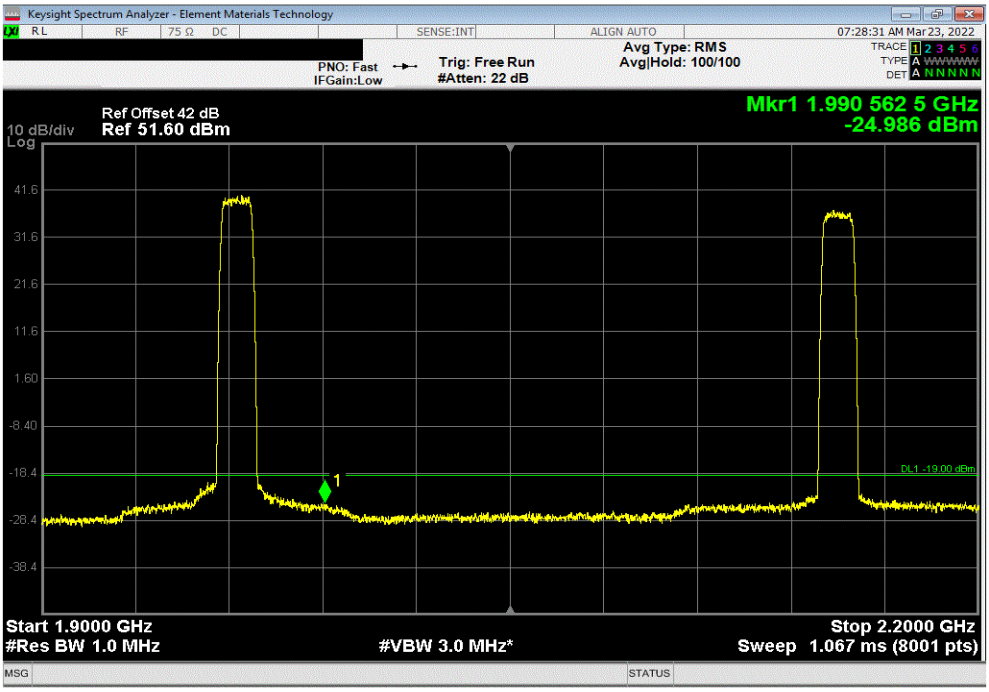
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz					
	Frequency Range		Value (dBm)	Limit (dBm)	Result
	150 kHz - 20 MHz		-53.3	-39	Pass



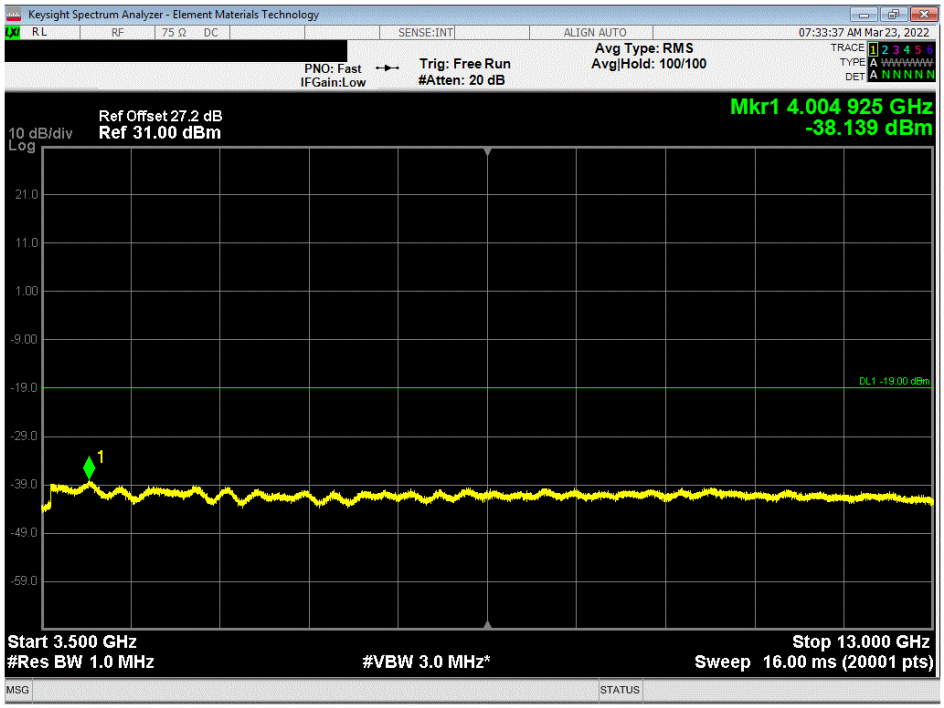
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
20 MHz - 3.5 GHz		-25.25	-19	Pass



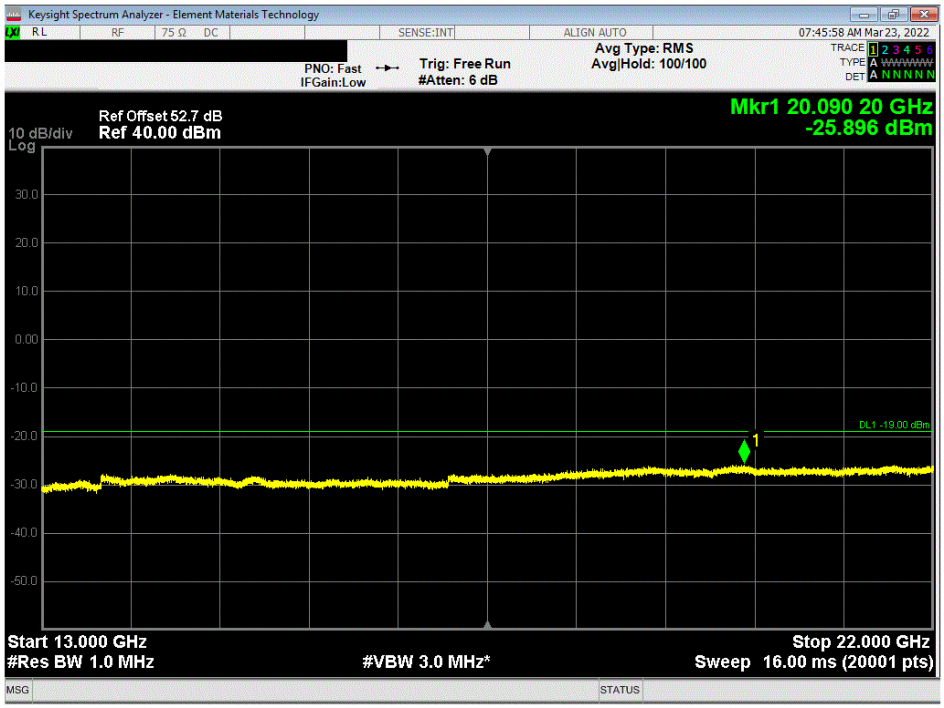
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
1.9 GHz - 2.2 GHz		-24.99	-19	Pass



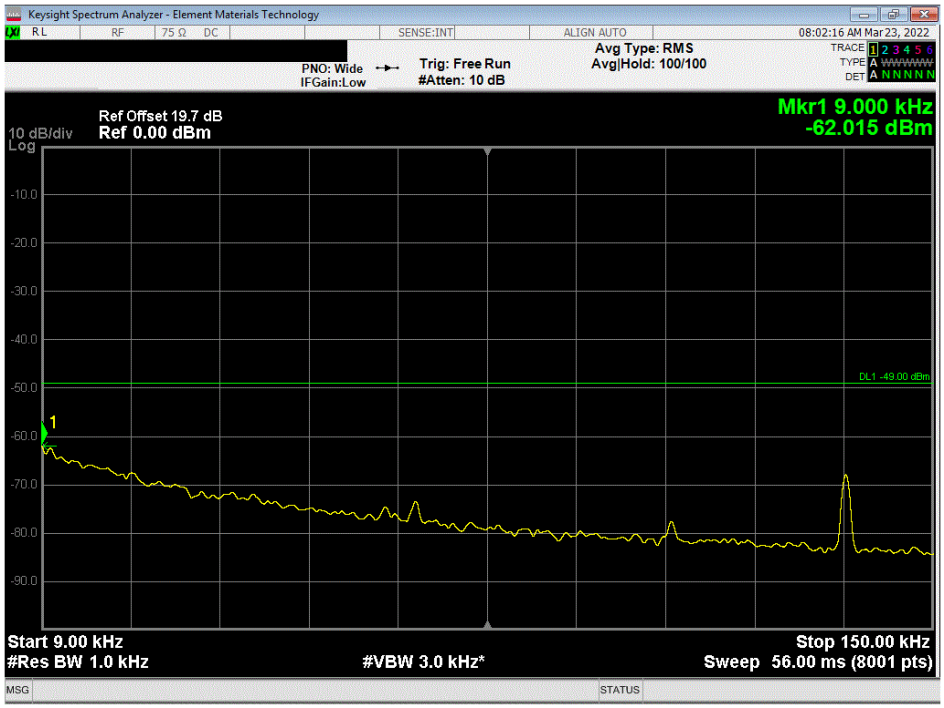
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
3.5 GHz - 13 GHz		-38.14	-19	Pass



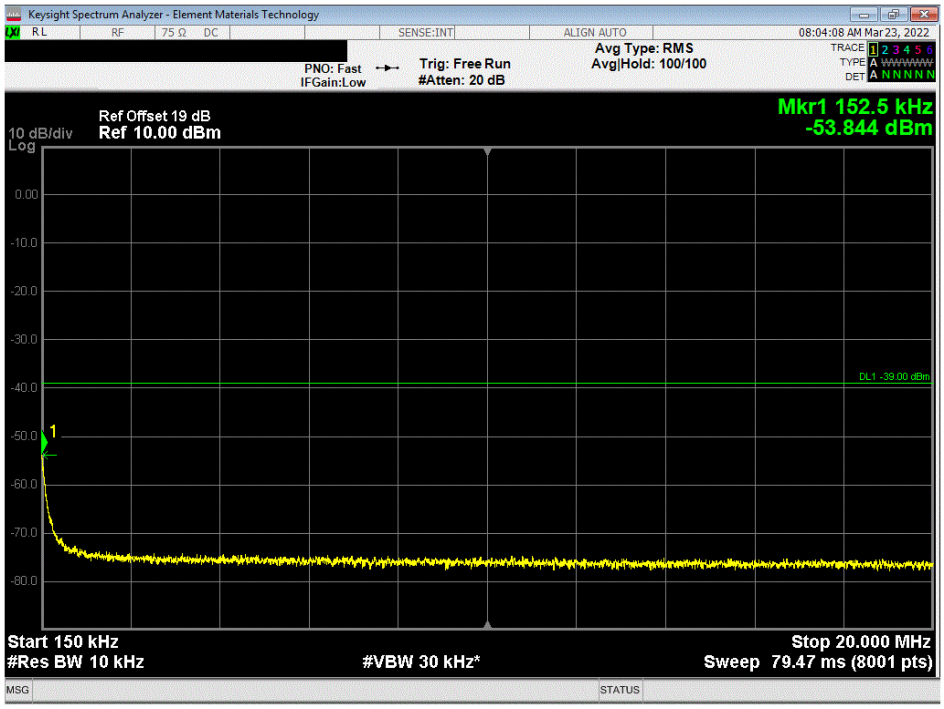
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
13 GHz - 22 GHz		-25.9	-19	Pass



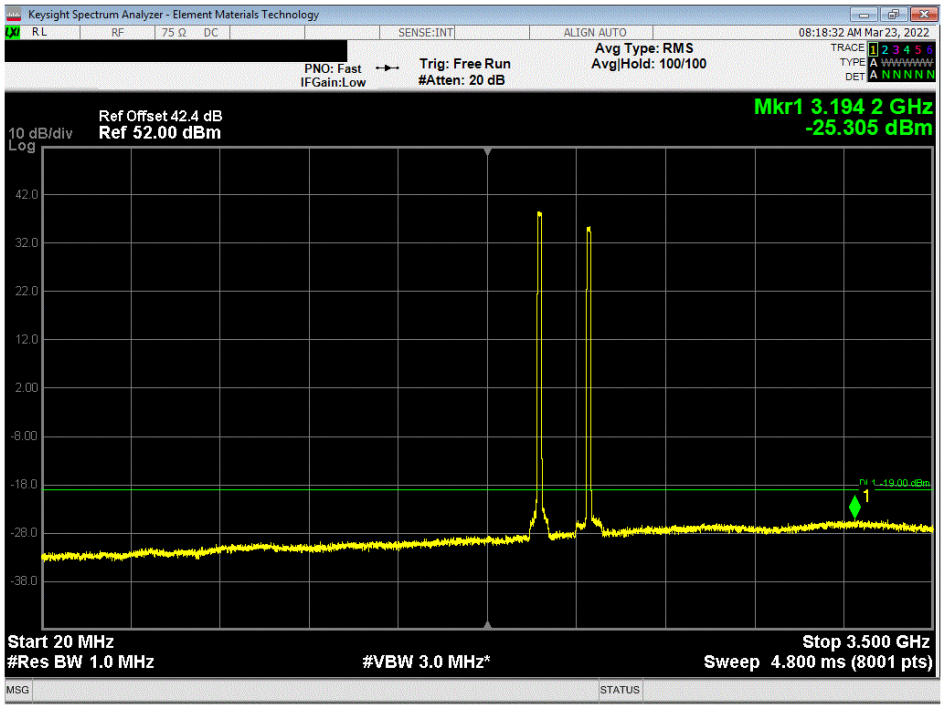
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	9 kHz - 150 kHz			-62.02	-49	Pass



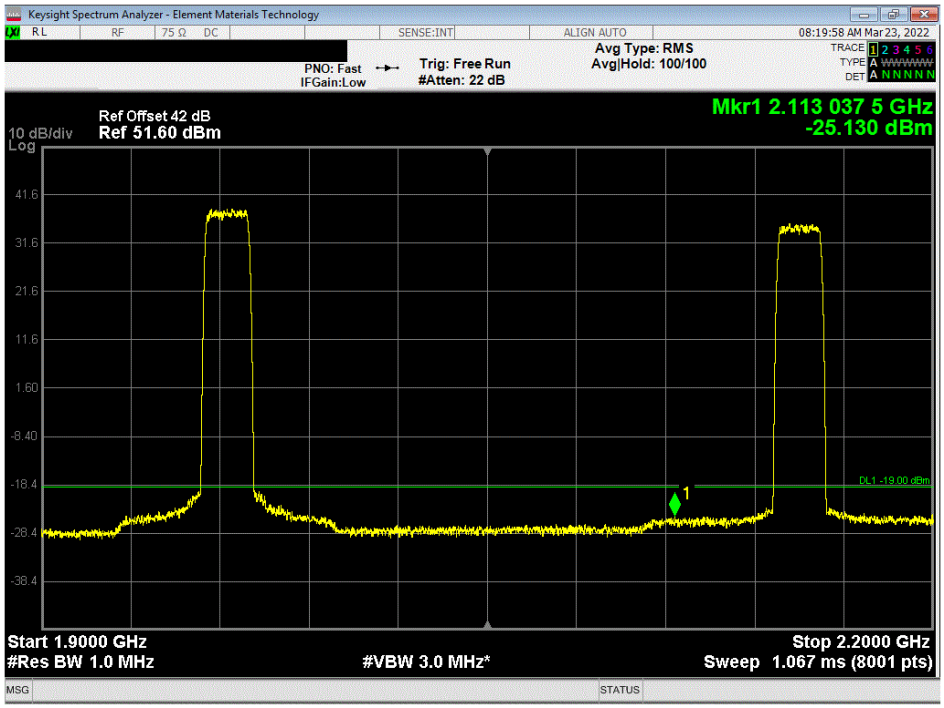
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz					
Frequency Range			Value (dBm)	Limit (dBm)	Result
150 kHz - 20 MHz			-53.84	-39	Pass



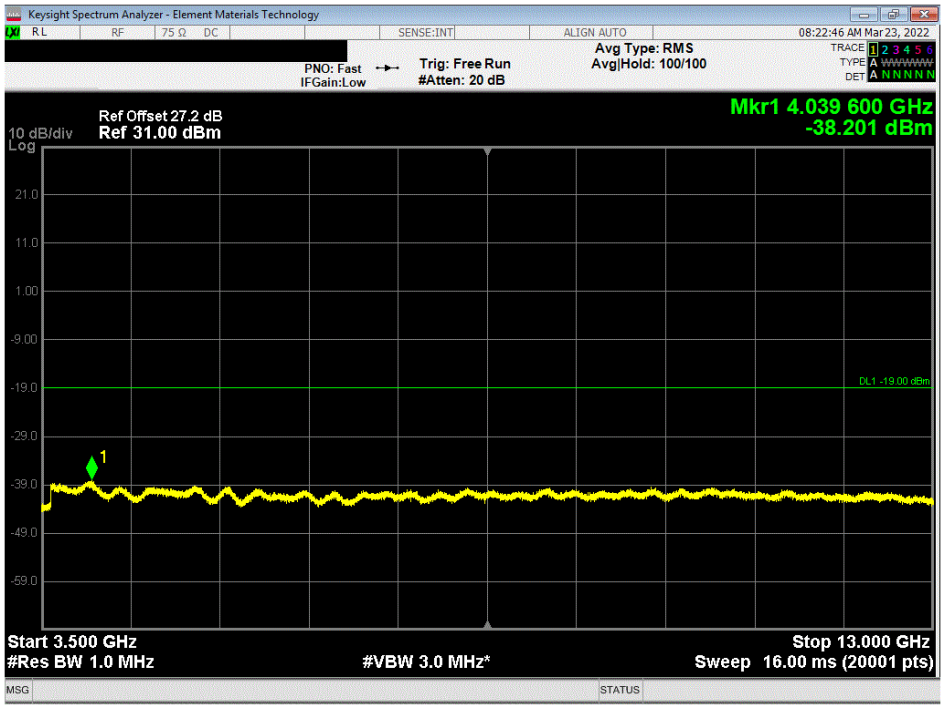
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
20 MHz - 3.5 GHz		-25.31	-19	Pass



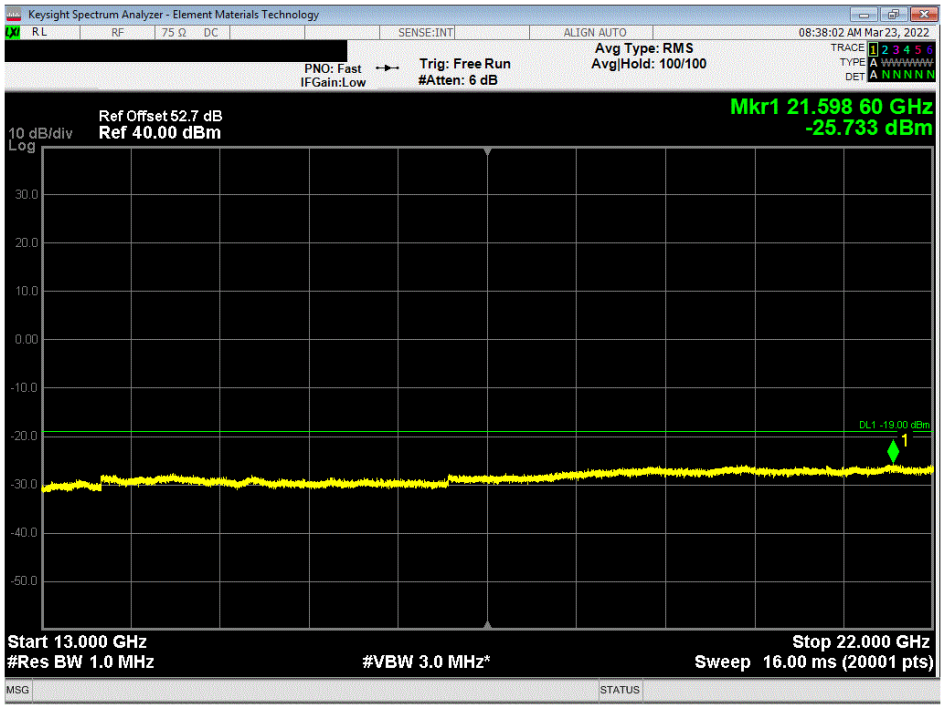
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
1.9 GHz - 2.2 GHz		-25.13	-19	Pass



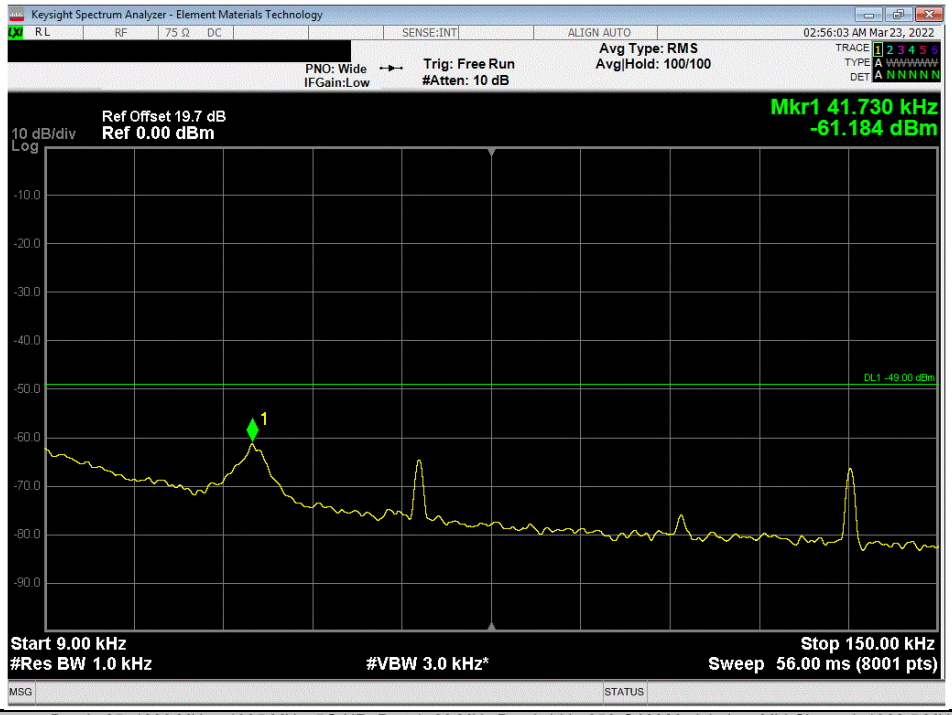
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
3.5 GHz - 13 GHz		-38.2	-19	Pass



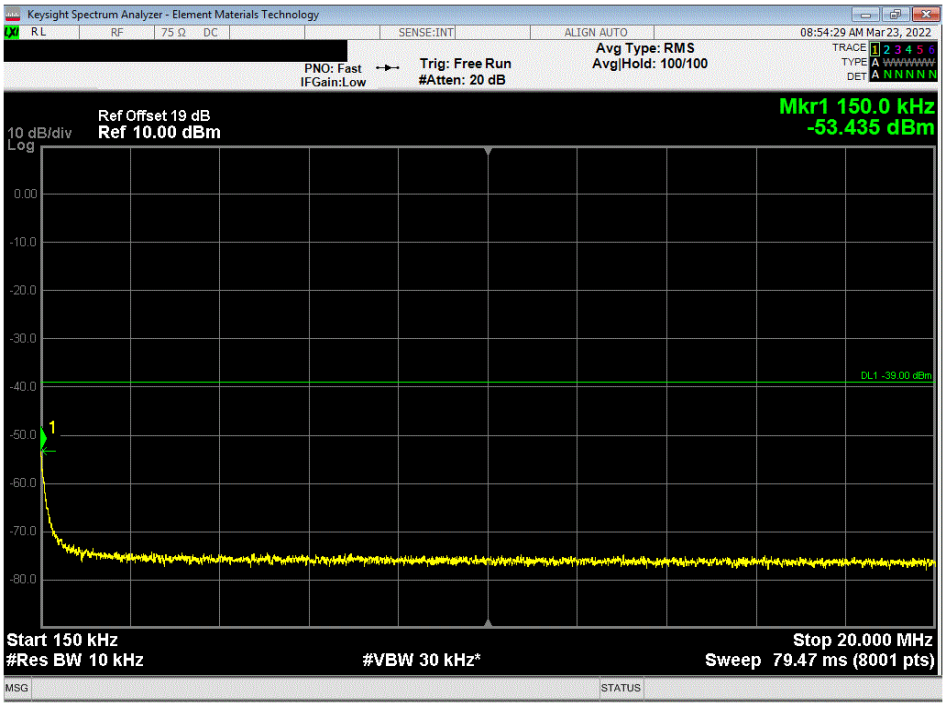
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
13 GHz - 22 GHz		-25.73	-19	Pass



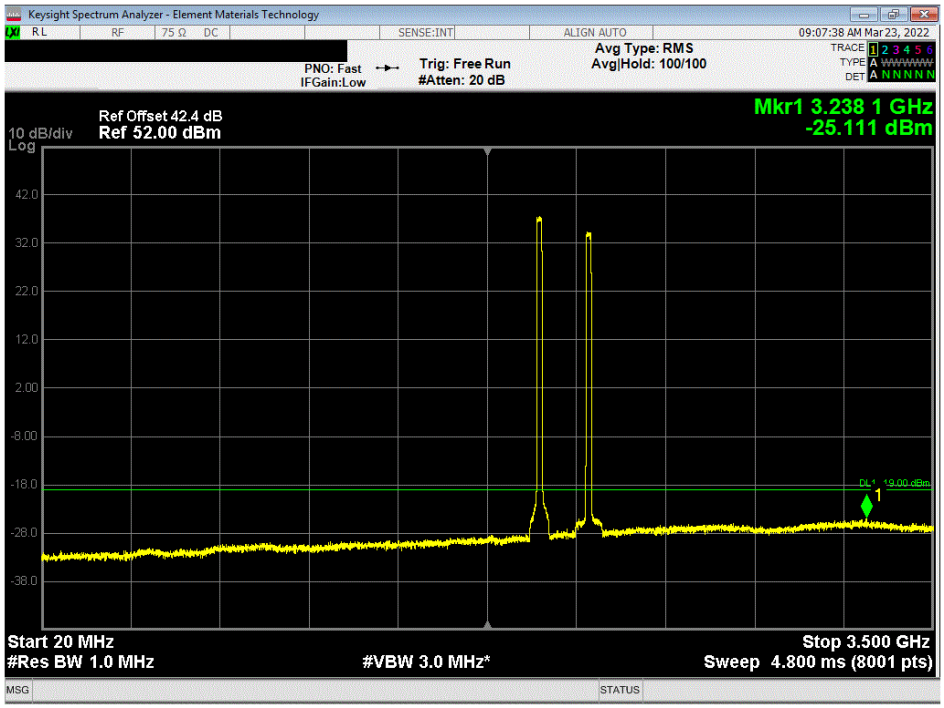
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	9 kHz - 150 kHz			-61.184	-49	Pass



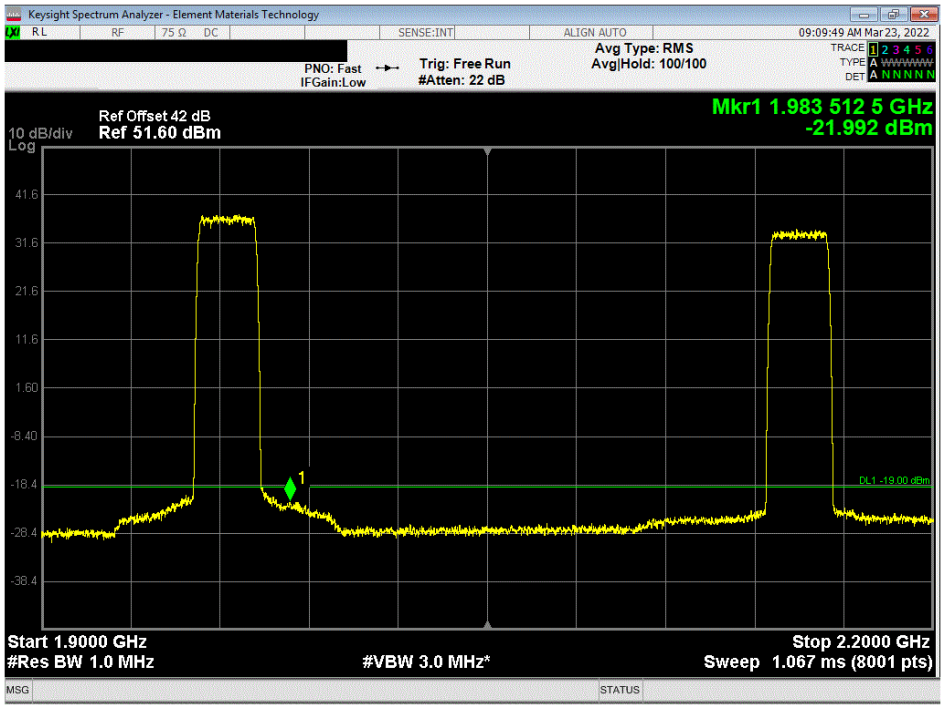
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	150 kHz - 20 MHz			-53.435	-39	Pass



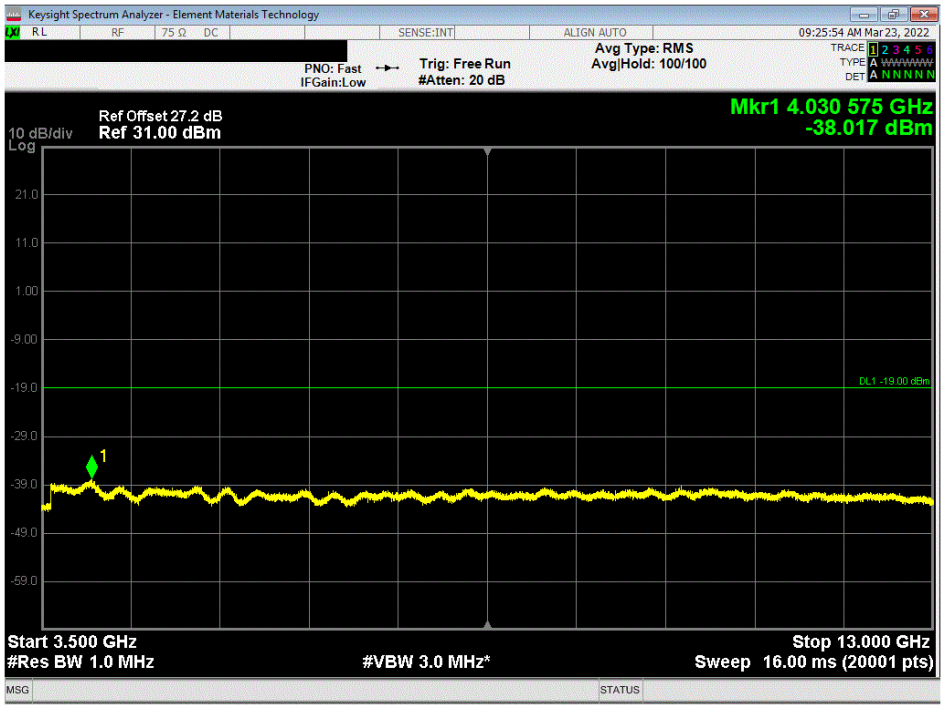
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
20 MHz - 3.5 GHz		-25.11	-19	Pass



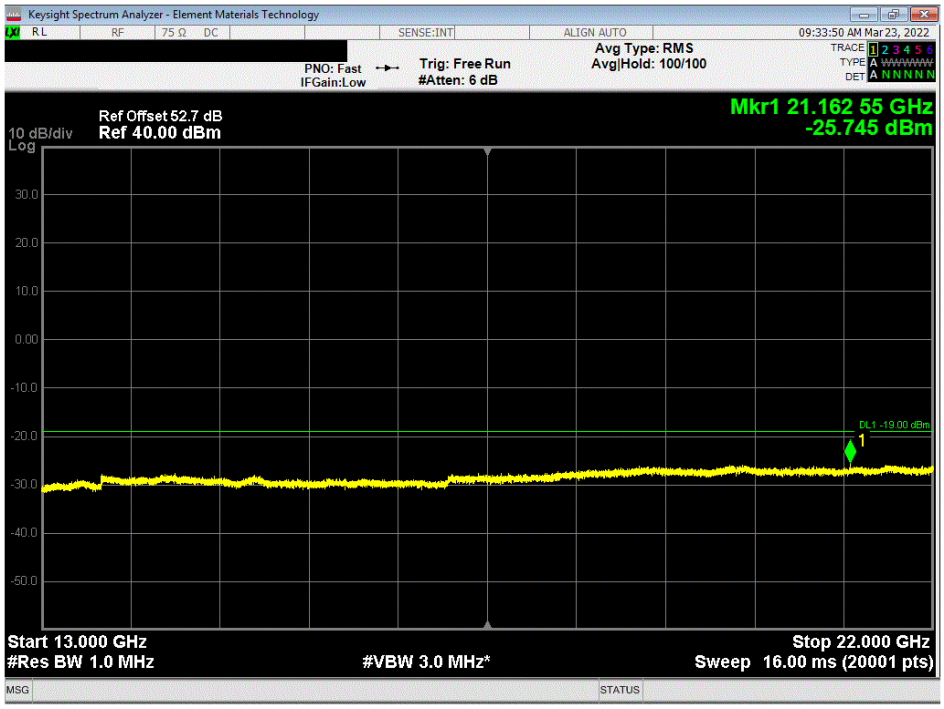
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
1.9 GHz - 2.2 GHz		-21.99	-19	Pass



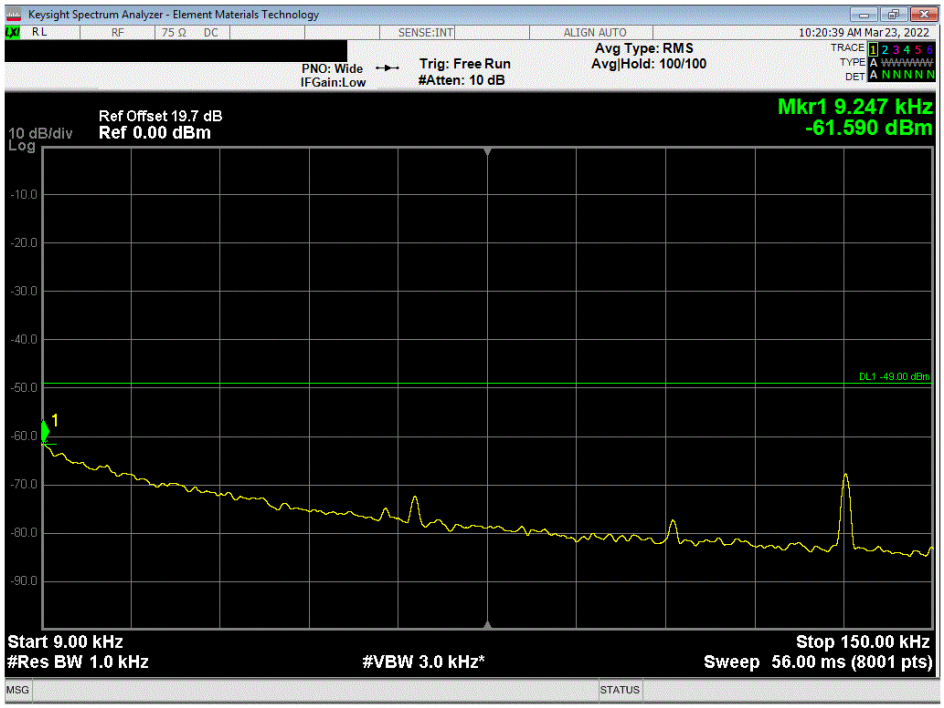
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
3.5 GHz - 13 GHz		-38.02	-19	Pass



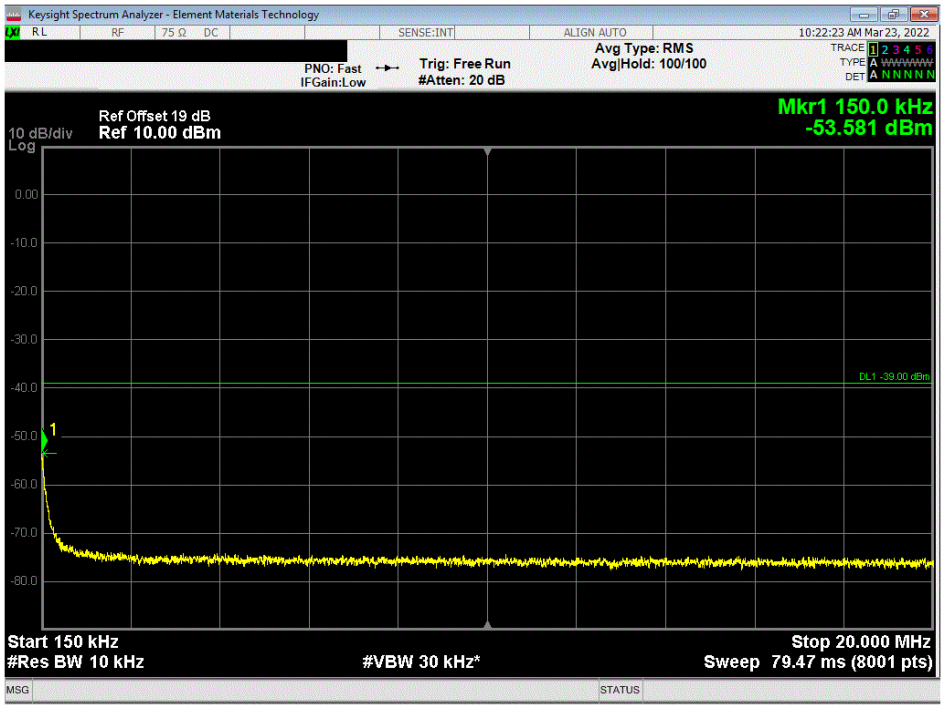
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
13 GHz - 22 GHz		-25.75	-19	Pass



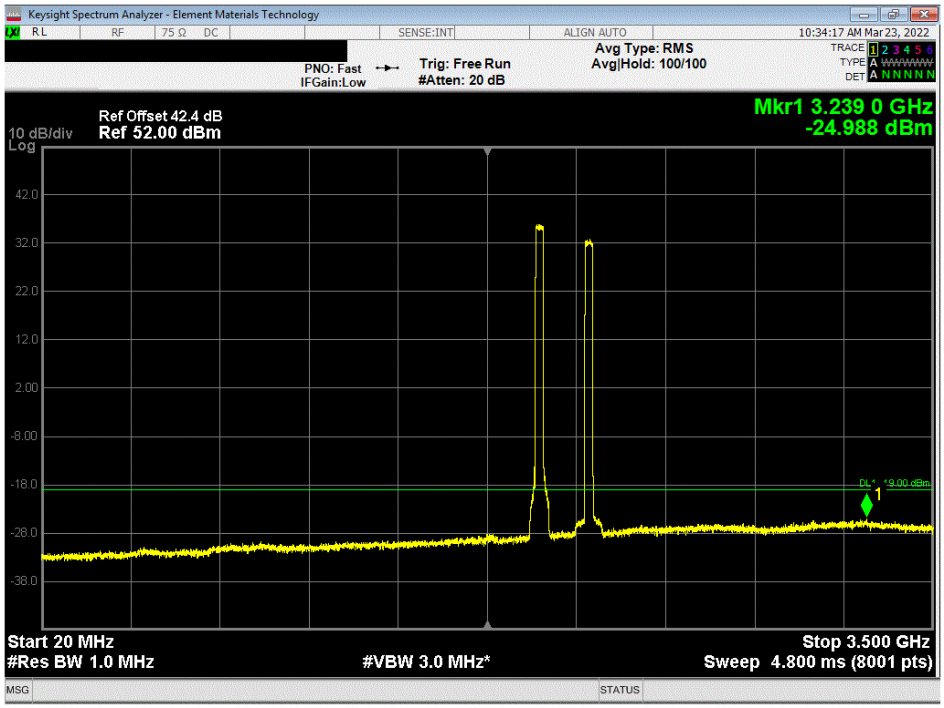
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	9 kHz - 150 kHz			-61.59	-49	Pass



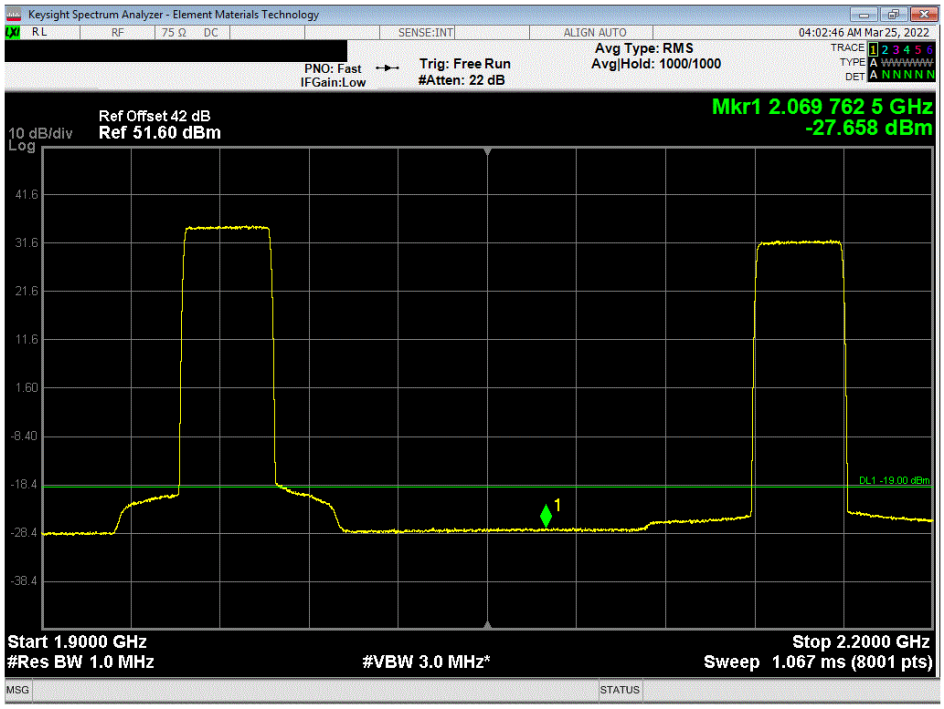
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	150 kHz - 20 MHz			-53.58	-39	Pass



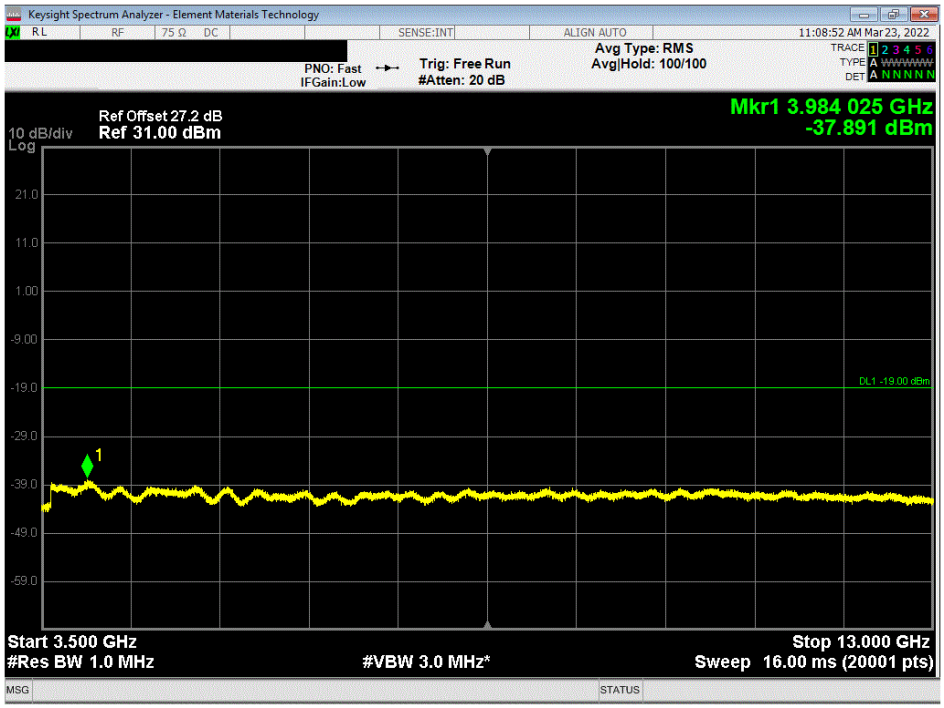
Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
20 MHz - 3.5 GHz		-24.99	-19	Pass



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		Value (dBm)	Limit (dBm)	Result
1.9 GHz - 2.2 GHz		-27.66	-19	Pass



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
3.5 GHz - 13 GHz		-37.89	-19	Pass



Band n25, 1930 MHz - 1995 MHz, 5G NR, Port 1, 30 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 1962.5 MHz				
Frequency Range		**Value (dBm)**	**Limit (dBm)**	**Result**
13 GHz - 22 GHz		-25.84	-19	Pass