BAND EDGE COMPLIANCE - 2 PORT MODE

XMit 2020.03.25.0

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
Block - DC	Fairview Microwave	SD3379	AMM	21-Sep-20	21-Sep-21
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	27-Feb-20	27-Feb-21
Generator - Signal	Agilent	N5173B	TIW	17-Jul-20	17-Jul-23

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions at the edges of the authorized bands were measured with the EUT set to low and high transmit frequencies in the available band. The channels closest to the band edges were selected. The EUT was transmitting at the data rate(s) listed in the datasheet.

The spectrum was scanned below the lower band edge and above the higher band edge.

All limits were adjusted by a factor of [-10*log(2)] dB to account for the device operation as a 2 port MIMO transmitter, as per FCC KDB 622911.

Per section 27.53(h)(1), RSS-139 6.6, the power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm. The limit is adjusted to -16 dBm [-13 dBm -10 log (2)] per FCC KDB 662911D01 v02r01 because the BTS may operate as a 2 port MIMO transmitter.

Per 27.53(h)(3), RSS-139 6.6. emissions seen up to 1 MHz outside of authorized operating frequency range band edges shell be measured with a RBW of 1% of the measured emission bandwidth (not from part 27 but from TCB Meeting/TCB Correspondence on other testing). Any emission seen to be > 1 MHz further outside the band edges shall be measured with a RBW of 1 MHz. However, a narrower RBW of at least 1% of the emission bandwidth is still allowed provided that the measured power is integrated over the full reference bandwidth of 1 MHz.

RF conducted emissions testing was performed only on one port. The testing was performed on the same version of hardware (FRIG) as the original certification test. The FRIG antenna ports are essentially electrically identical (the RF power variation between antenna ports is small) and antenna port 1 was selected to perform the testing under this effort as allowed by ANSI C63.26-2015 paragraph 5.7.2i.

BAND EDGE COMPLIANCE - 2 PORT MODE

element

TbtTx 2020.10.20.0 BETA XMit 2020.03.25.0

EUT:	**FRIG (C2PC FCC/ISED Approval for 5G)**			**Work Order:**	**NOKI0025**
Serial Number:	**RY142309120**			**Date:**	**2-Dec-20**
Customer:	**Nokia Solutions and Networks**			**Temperature:**	**24.2 °C**
Attendees:	**Mitchell Hill, John Rattanavong**			**Humidity:**	**29.3% RH**
Project:	**None**			**Barometric Pres.:**	**1021 mbar**
Tested by:	**Brandon Hobbs**	**Power:**	**54 VDC**	**Job Site:**	**TX05**

TEST SPECIFICATIONS	**Test Method**
FCC 27:2020	ANSI C63.26:2015
RSS-139:2015	RSS-139:2015

COMMENTS

All measurement path losses were accounted for in the reference level offest including any attenuators, filters and DC blocks. AWS Band 1 carriers are enabled at maximum power (MIMO 2x2, 60 watts/carrier). Band Edge measurements were made for a single carrier on port 1.

DEVIATIONS FROM TEST STANDARD

None

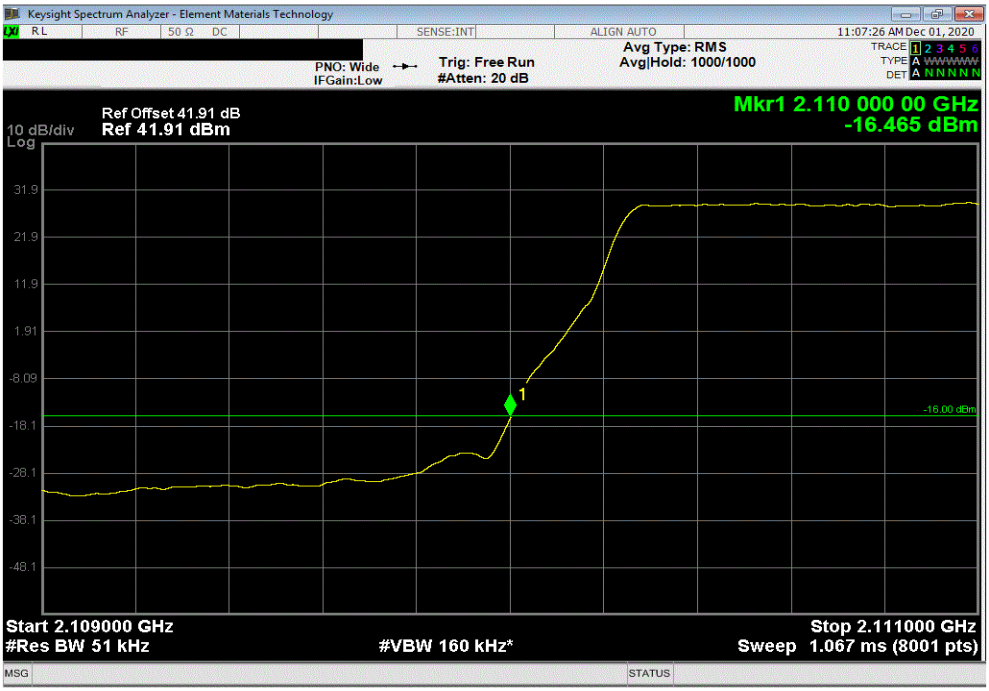
Configuration #	**2**	*Signature*

	Frequency Range	Value (dBm)	Limit (dBm)	Result
60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz				
5 MHz Bandwidth				
QPSK Modulation				
Low Channel 2112.5 MHz	1	-16.47	-16	Pass
Low Channel 2112.5 MHz	2	-20.95	-16	Pass
Low Channel 2112.5 MHz	3	-21.72	-16	Pass
High Channel 2152.5 MHz	1	-16.82	-16	Pass
High Channel 2152.5 MHz	2	-21.68	-16	Pass
High Channel 2152.5 MHz	3	-21.60	-16	Pass
16-QAM Modulation				
Low Channel 2112.5 MHz	1	-19.00	-16	Pass
Low Channel 2112.5 MHz	2	-20.89	-16	Pass
Low Channel 2112.5 MHz	3	-21.87	-16	Pass
High Channel 2152.5 MHz	1	-18.09	-16	Pass
High Channel 2152.5 MHz	2	-21.81	-16	Pass
High Channel 2152.5 MHz	3	-21.75	-16	Pass
64-QAM Modulation				
Low Channel 2112.5 MHz	1	-19.07	-16	Pass
Low Channel 2112.5 MHz	2	-20.57	-16	Pass
Low Channel 2112.5 MHz	3	-21.38	-16	Pass
High Channel 2152.5 MHz	1	-17.96	-16	Pass
High Channel 2152.5 MHz	2	-21.96	-16	Pass
High Channel 2152.5 MHz	3	-22.02	-16	Pass
256-QAM Modulation				
Low Channel 2112.5 MHz	1	-18.92	-16	Pass
Low Channel 2112.5 MHz	2	-20.58	-16	Pass
Low Channel 2112.5 MHz	3	-21.34	-16	Pass
High Channel 2152.5 MHz	1	-18.09	-16	Pass
High Channel 2152.5 MHz	2	-22.09	-16	Pass
High Channel 2152.5 MHz	3	-21.93	-16	Pass
10 MHz Bandwidth				
QPSK Modulation				
Low Channel 2115 MHz	1	-19.45	-16	Pass
Low Channel 2115 MHz	2	-22.44	-16	Pass
Low Channel 2115 MHz	3	-22.32	-16	Pass
High Channel 2150 MHz	1	-21.02	-16	Pass
High Channel 2150 MHz	2	-24.03	-16	Pass
High Channel 2150 MHz	3	-24.19	-16	Pass
16-QAM Modulation				
Low Channel 2115 MHz	1	-19.06	-16	Pass
Low Channel 2115 MHz	2	-22.19	-16	Pass
Low Channel 2115 MHz	3	-22.27	-16	Pass
High Channel 2150 MHz	1	-22.17	-16	Pass
High Channel 2150 MHz	2	-24.25	-16	Pass
High Channel 2150 MHz	3	-24.35	-16	Pass
64-QAM Modulation				
Low Channel 2115 MHz	1	-21.46	-16	Pass
Low Channel 2115 MHz	2	-22.15	-16	Pass
Low Channel 2115 MHz	3	-22.12	-16	Pass
High Channel 2150 MHz	1	-20.68	-16	Pass
High Channel 2150 MHz	2	-24.06	-16	Pass
High Channel 2150 MHz	3	-24.11	-16	Pass
256-QAM Modulation				
Low Channel 2115 MHz	1	-19.44	-16	Pass
Low Channel 2115 MHz	2	-22.56	-16	Pass
Low Channel 2115 MHz	3	-22.87	-16	Pass
High Channel 2150 MHz	1	-20.44	-16	Pass
High Channel 2150 MHz	2	-24.12	-16	Pass
High Channel 2150 MHz	3	-24.20	-16	Pass
15 MHz Bandwidth				
QPSK Modulation				
Low Channel 2117.5 MHz	1	-18.60	-16	Pass
Low Channel 2117.5 MHz	2	-23.84	-16	Pass
Low Channel 2117.5 MHz	3	-23.66	-16	Pass
High Channel 2147.5 MHz	1	-16.60	-16	Pass
High Channel 2147.5 MHz	2	-25.40	-16	Pass
High Channel 2147.5 MHz	3	-25.48	-16	Pass
16-QAM Modulation				
Low Channel 2117.5 MHz	1	-17.41	-16	Pass
Low Channel 2117.5 MHz	2	-23.36	-16	Pass
Low Channel 2117.5 MHz	3	-23.05	-16	Pass
High Channel 2147.5 MHz	1	-17.12	-16	Pass
High Channel 2147.5 MHz	2	-25.08	-16	Pass
High Channel 2147.5 MHz	3	-25.25	-16	Pass
64-QAM Modulation				
Low Channel 2117.5 MHz	1	-21.19	-16	Pass

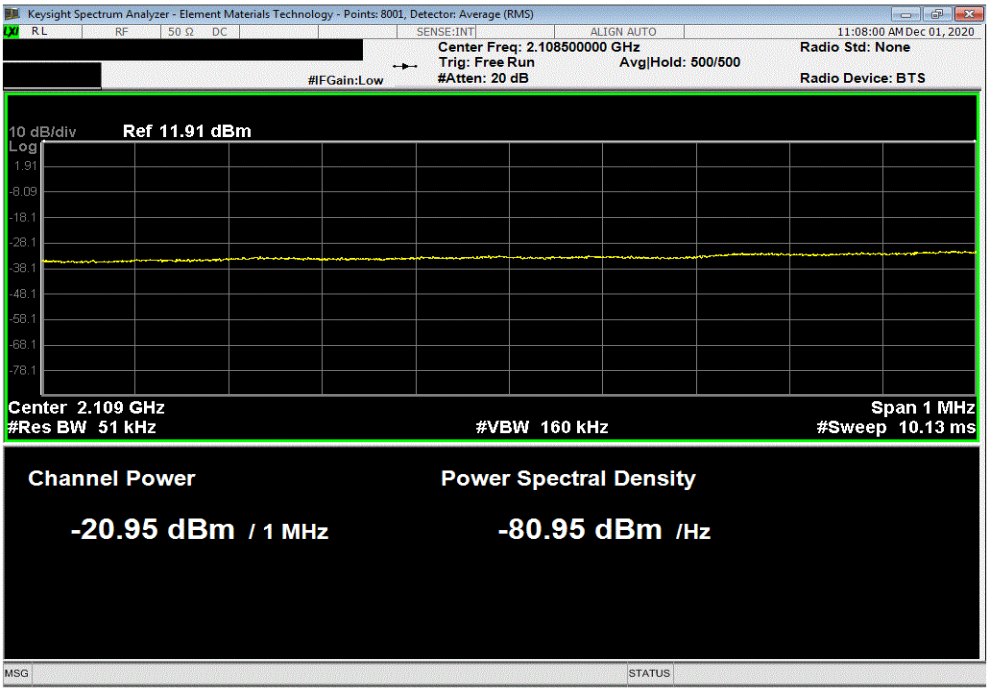
	Low Channel 2117.5 MHz	2	-23.97	-16	Pass
	Low Channel 2117.5 MHz	3	-23.84	-16	Pass
	High Channel 2147.5 MHz	1	-16.46	-16	Pass
	High Channel 2147.5 MHz	2	-25.22	-16	Pass
	High Channel 2147.5 MHz	3	-25.22	-16	Pass
256-QAM Modulation					
	Low Channel 2117.5 MHz	1	-18.54	-16	Pass
	Low Channel 2117.5 MHz	2	-24.04	-16	Pass
	Low Channel 2117.5 MHz	3	-23.67	-16	Pass
	High Channel 2147.5 MHz	1	-18.19	-16	Pass
	High Channel 2147.5 MHz	2	-25.23	-16	Pass
	High Channel 2147.5 MHz	3	-25.12	-16	Pass
20 MHz Bandwidth					
QPSK Modulation					
	Low Channel 2120 MHz	1	-17.60	-16	Pass
	Low Channel 2120 MHz	2	-23.98	-16	Pass
	Low Channel 2120 MHz	3	-23.63	-16	Pass
	High Channel 2145 MHz	1	-17.38	-16	Pass
	High Channel 2145 MHz	2	-25.93	-16	Pass
	High Channel 2145 MHz	3	-25.60	-16	Pass
16-QAM Modulation					
	Low Channel 2120 MHz	1	-17.35	-16	Pass
	Low Channel 2120 MHz	2	-23.75	-16	Pass
	Low Channel 2120 MHz	3	-23.42	-16	Pass
	High Channel 2145 MHz	1	-16.60	-16	Pass
	High Channel 2145 MHz	2	-25.84	-16	Pass
	High Channel 2145 MHz	3	-25.51	-16	Pass
64-QAM Modulation					
	Low Channel 2120 MHz	1	-16.85	-16	Pass
	Low Channel 2120 MHz	2	-23.93	-16	Pass
	Low Channel 2120 MHz	3	-23.55	-16	Pass
	High Channel 2145 MHz	1	-17.64	-16	Pass
	High Channel 2145 MHz	2	-25.76	-16	Pass
	High Channel 2145 MHz	3	-25.49	-16	Pass
256-QAM Modulation					
	Low Channel 2120 MHz	1	-16.92	-16	Pass
	Low Channel 2120 MHz	2	-24.02	-16	Pass
	Low Channel 2120 MHz	3	-23.56	-16	Pass
	High Channel 2145 MHz	1	-19.27	-16	Pass
	High Channel 2145 MHz	2	-25.65	-16	Pass
	High Channel 2145 MHz	3	-25.60	-16	Pass

BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , QPSK Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-16.47	-16	Pass

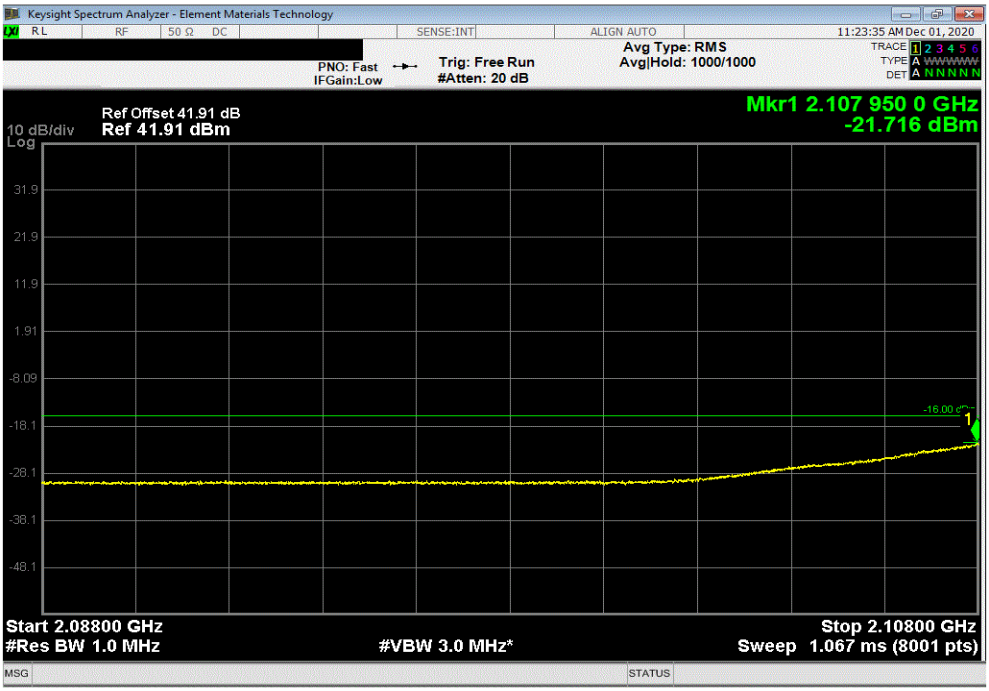


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , QPSK Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-20.95	-16	Pass

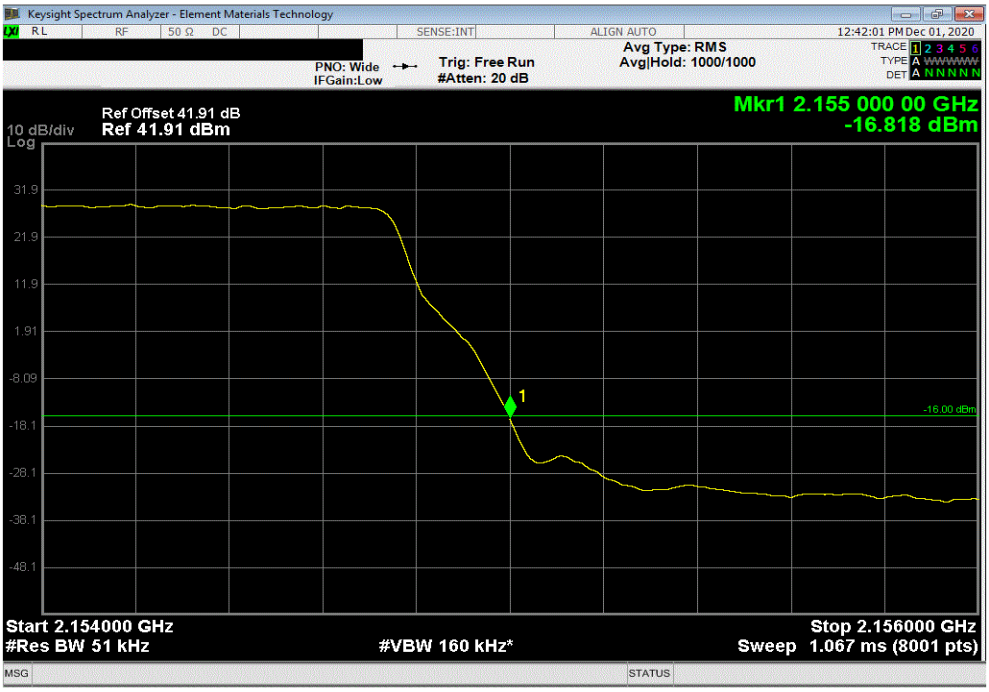


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , QPSK Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-21.72	-16	Pass

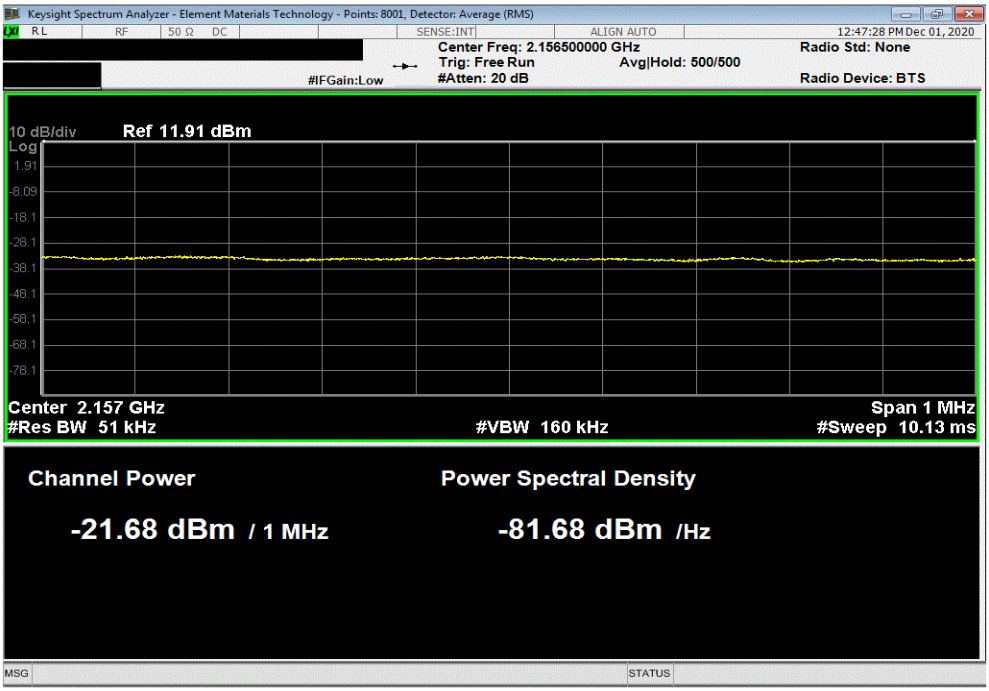


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , QPSK Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-16.82	-16	Pass

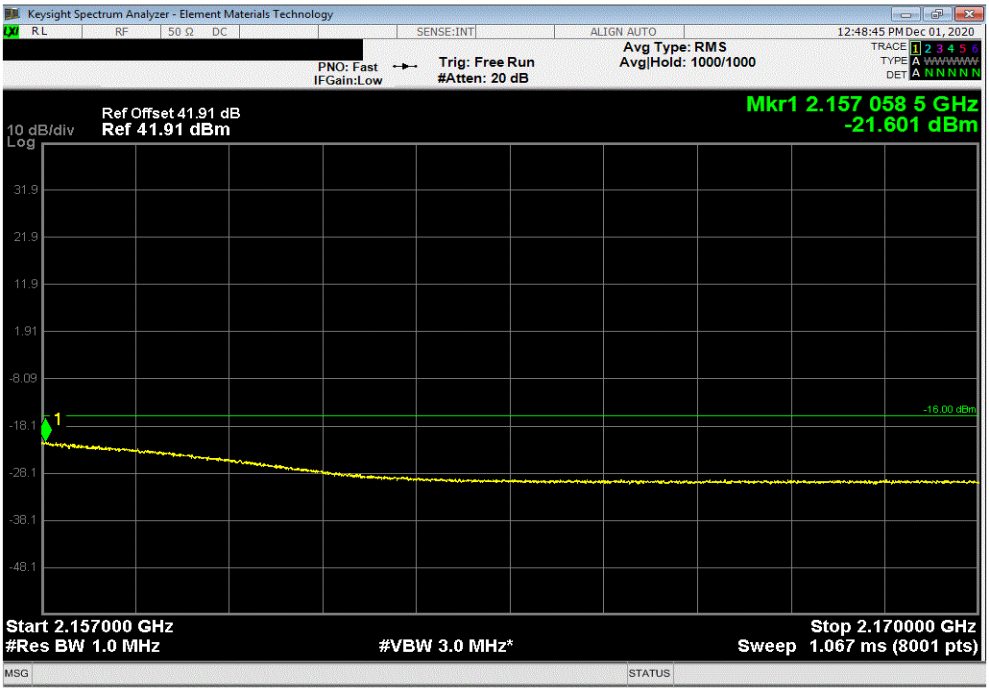


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , QPSK Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-21.68	-16	Pass

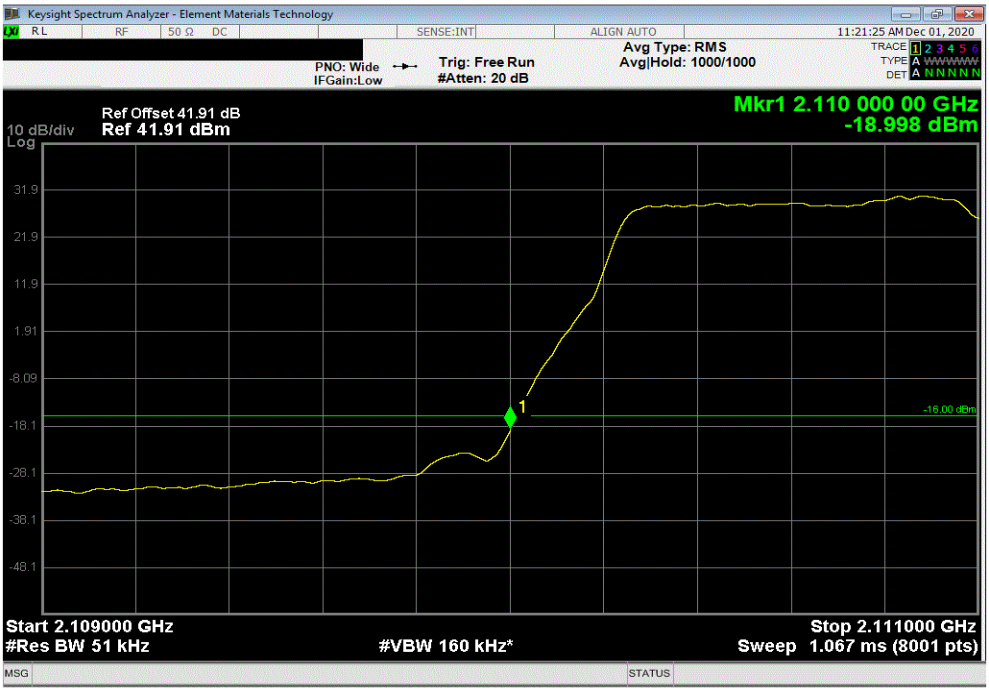


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , QPSK Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-21.6	-16	Pass

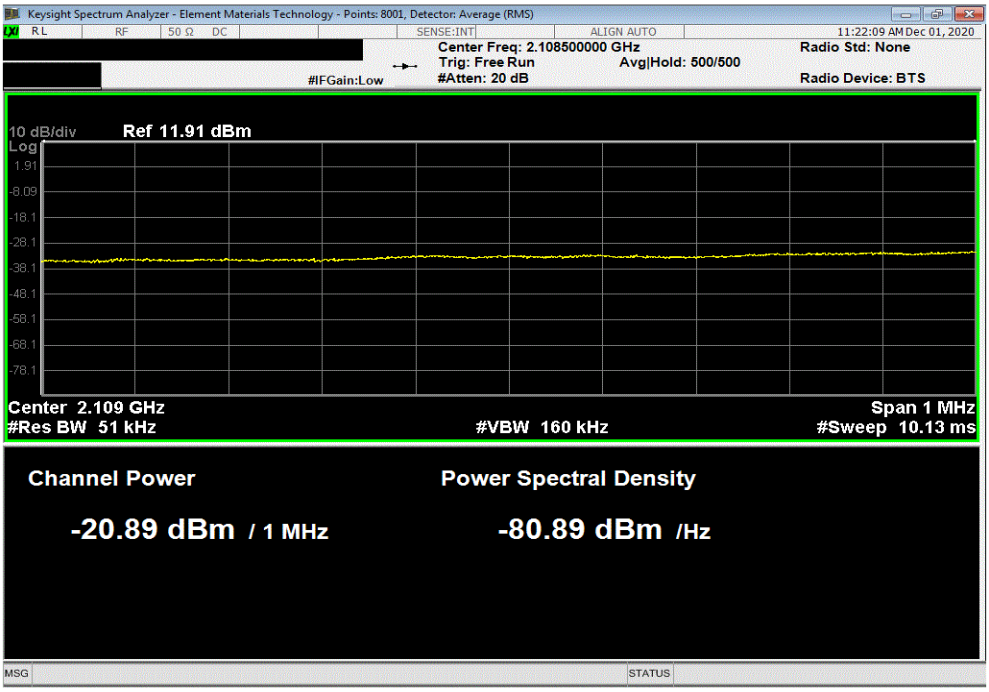


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 16-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-19	-16	Pass

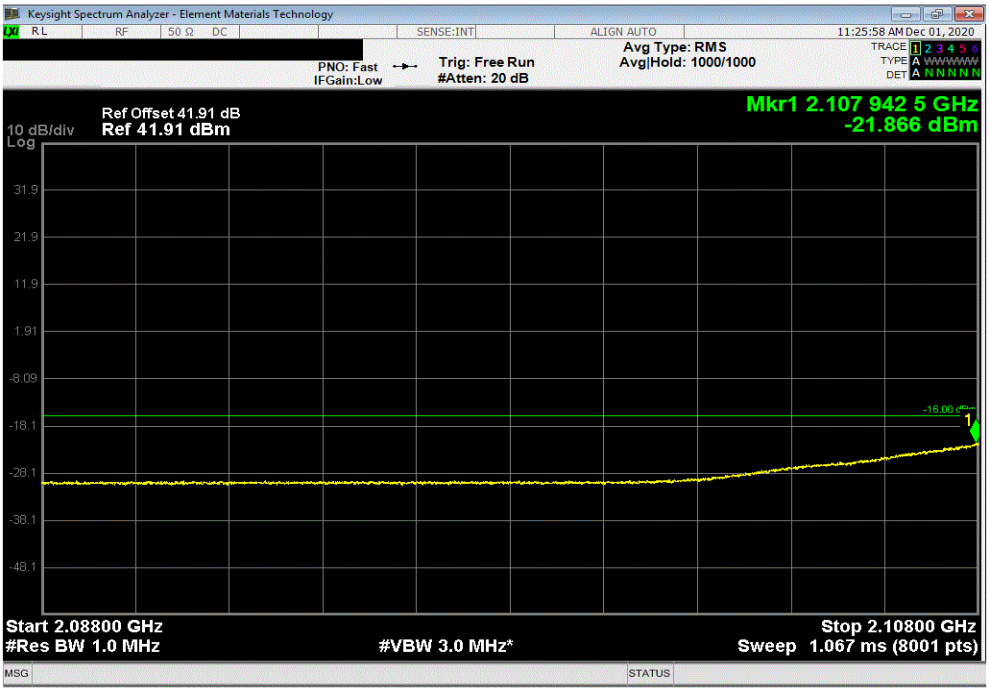


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 16-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-20.89	-16	Pass

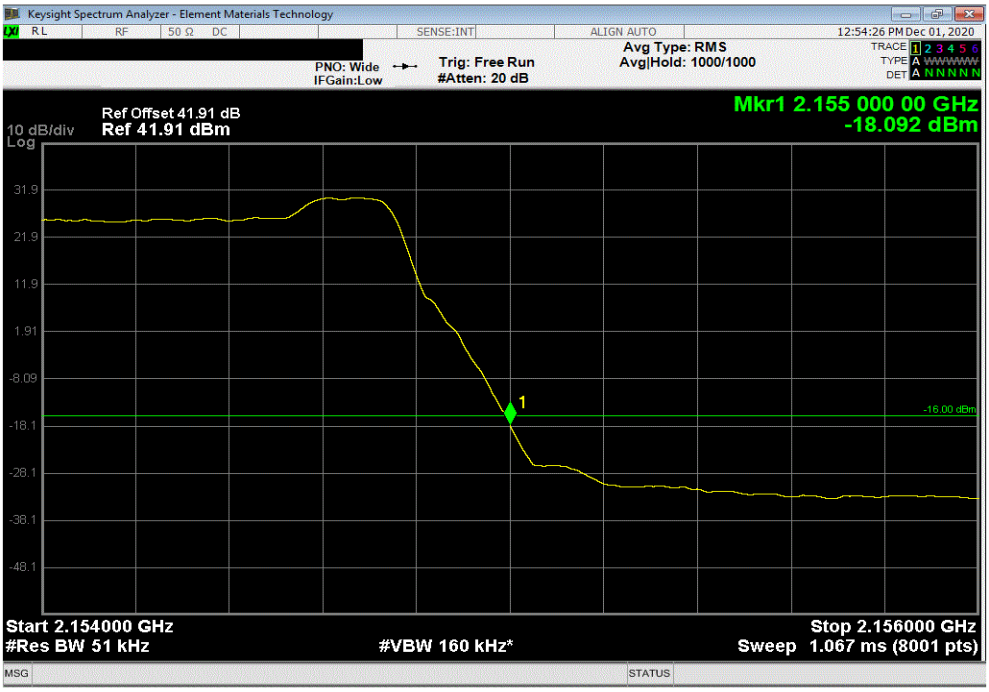


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 16-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-21.87	-16	Pass

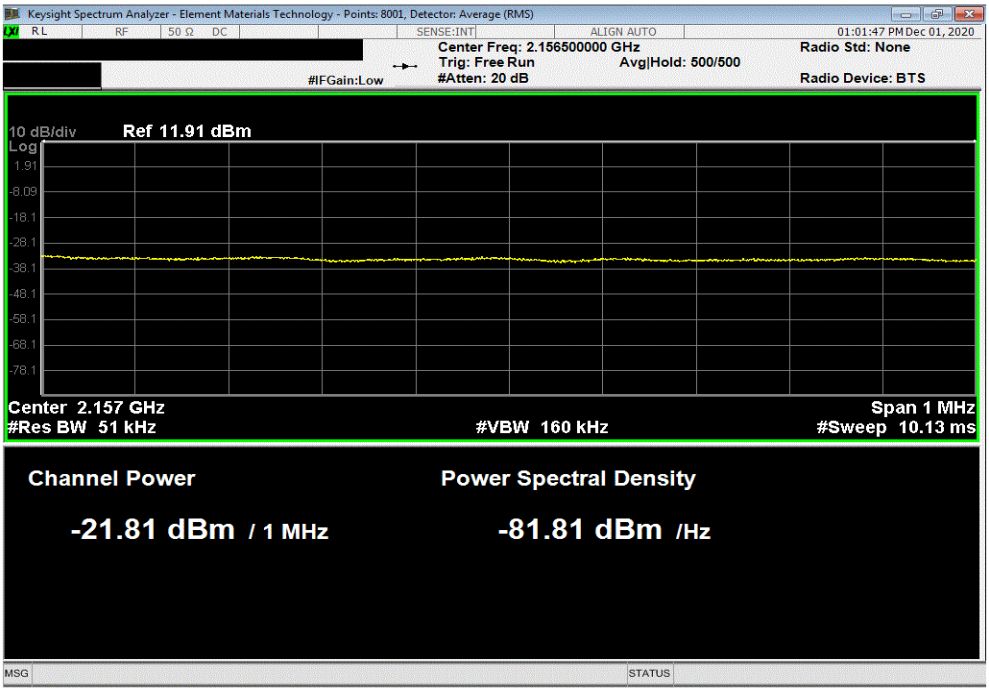


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 16-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-18.09	-16	Pass

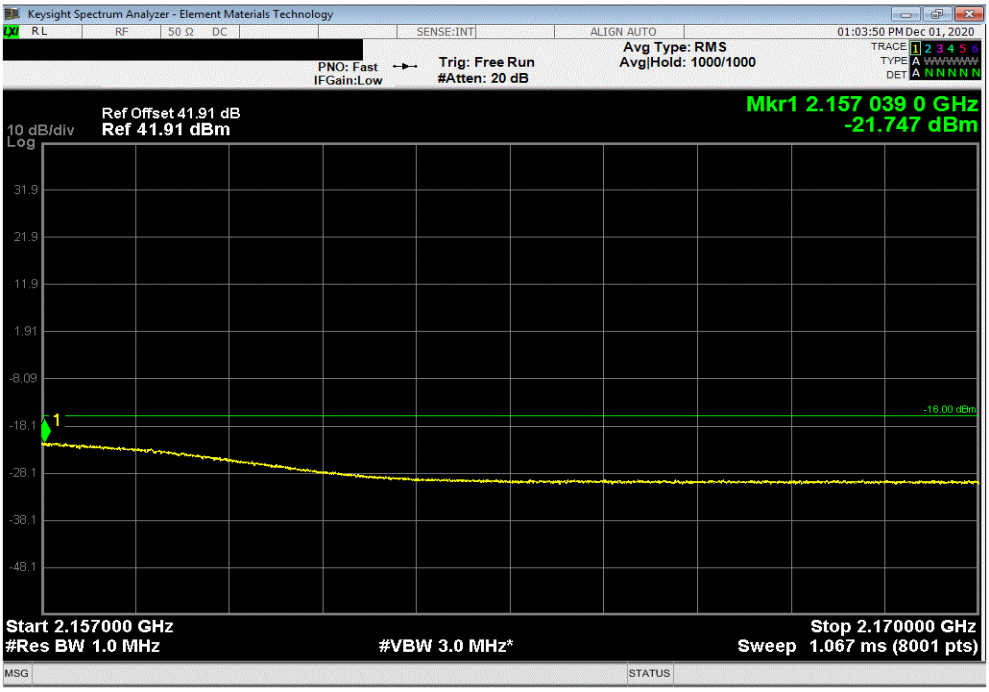


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 16-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-21.81	-16	Pass

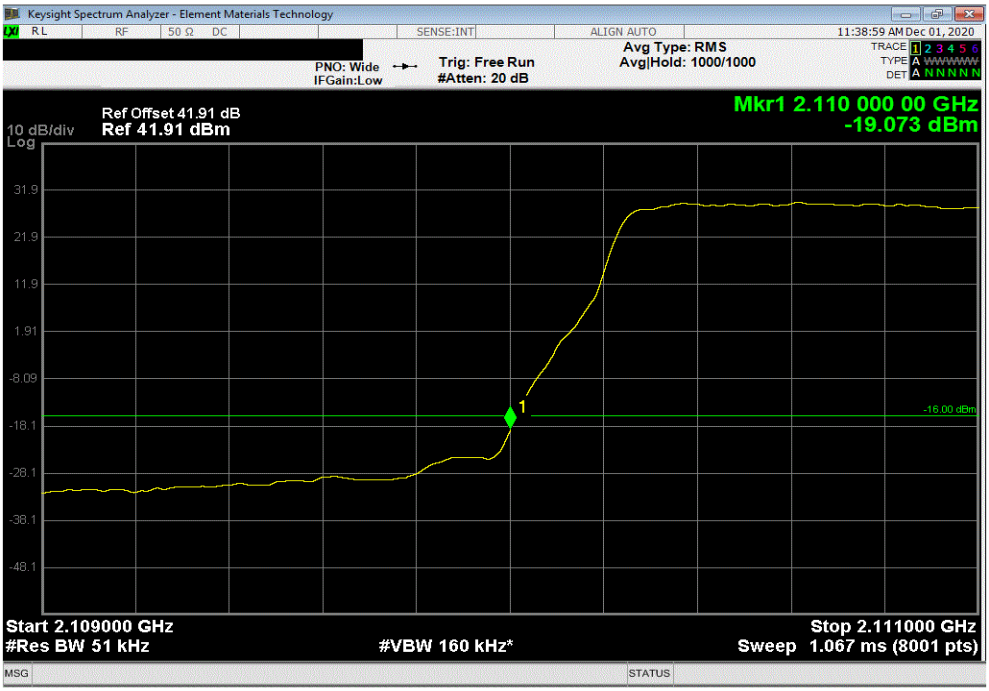


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 16-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-21.75	-16	Pass

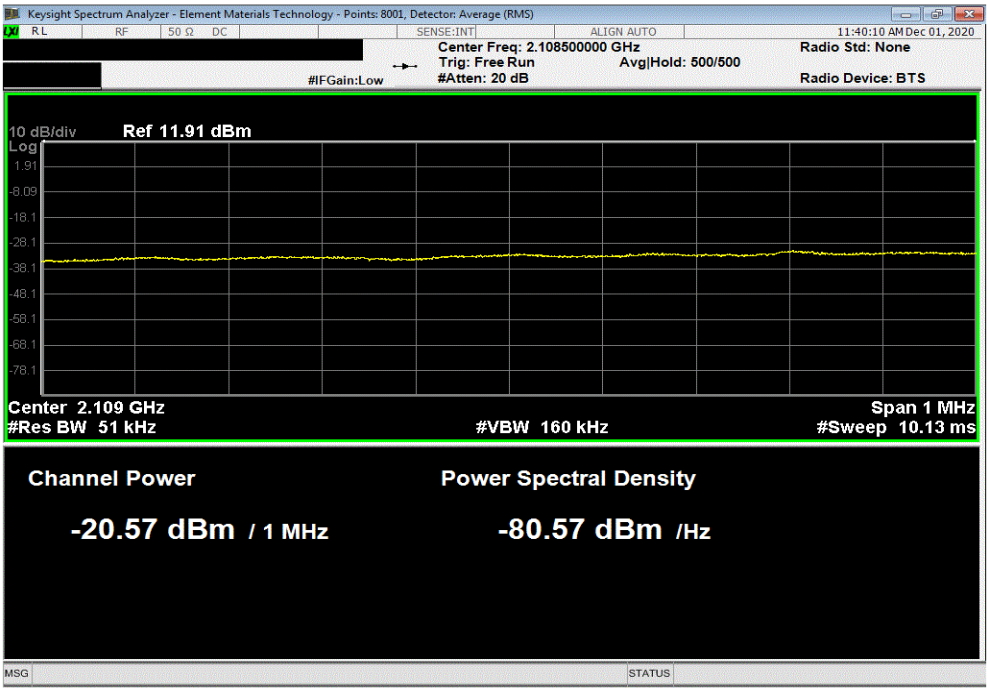


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-19.07	-16	Pass

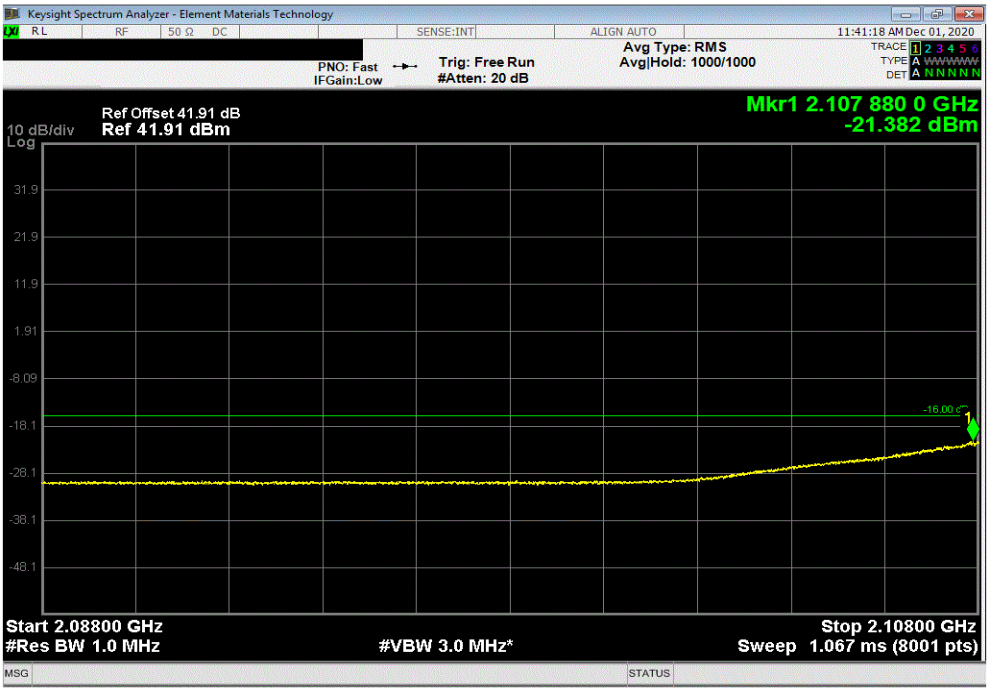


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-20.57	-16	Pass

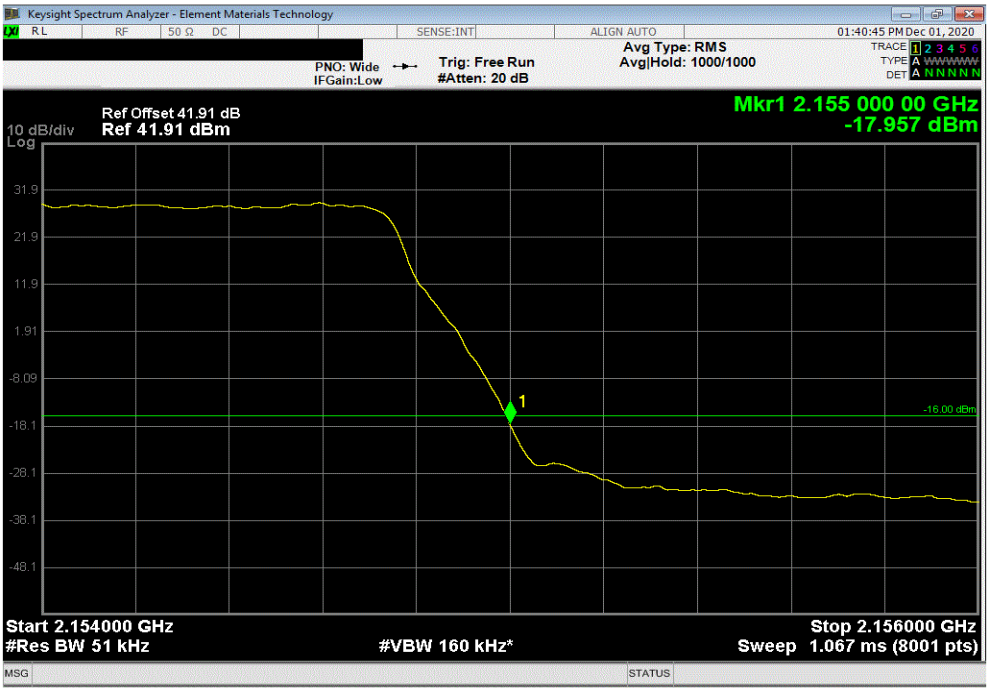


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-21.38	-16	Pass

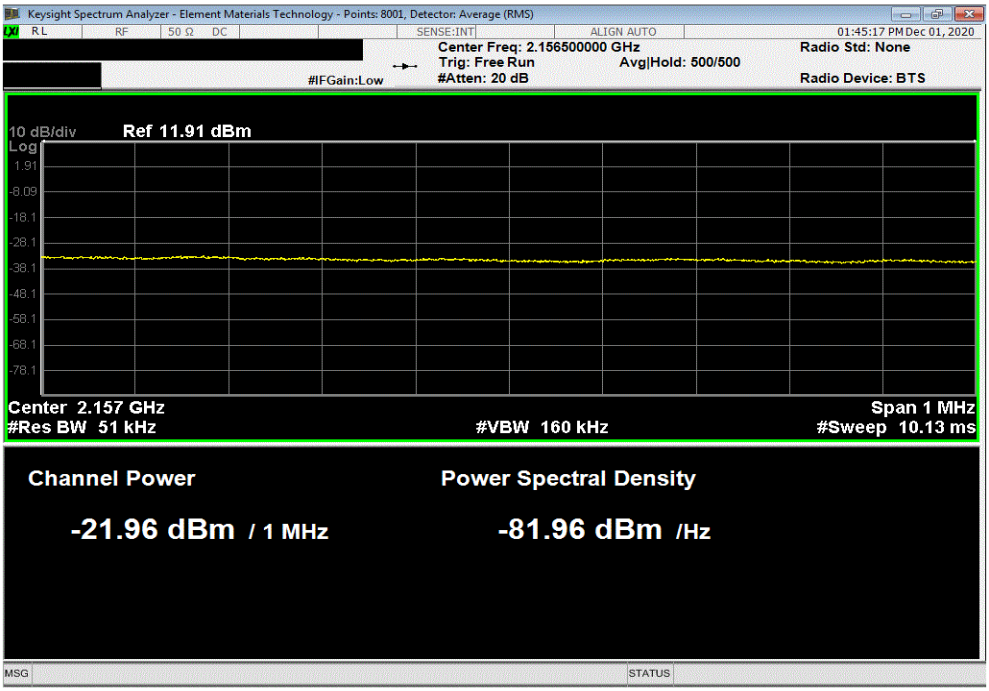


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 64-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-17.96	-16	Pass

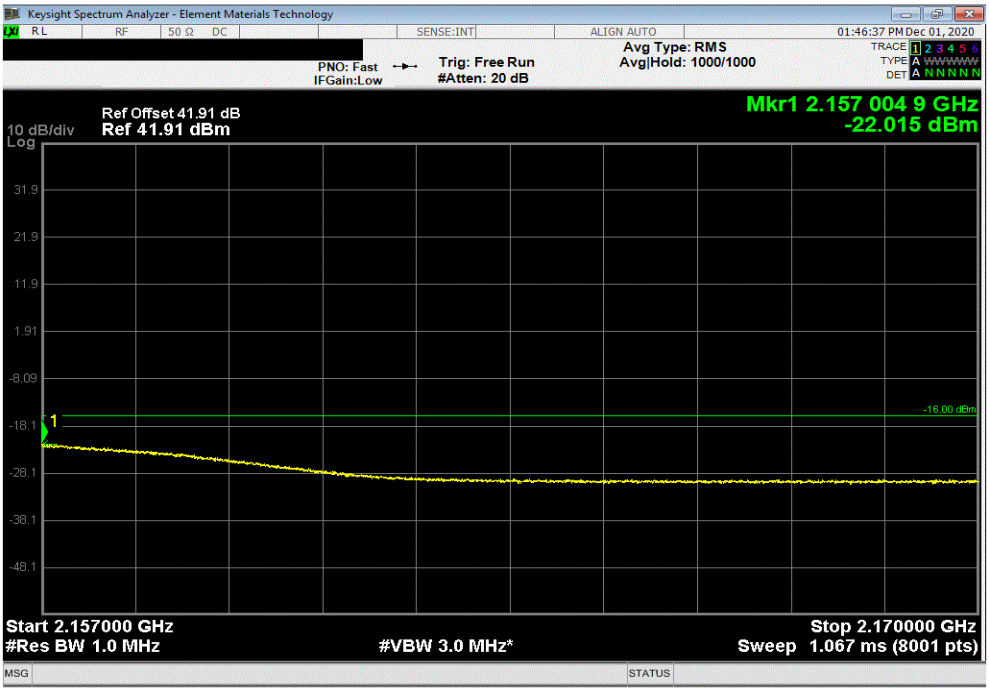


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 64-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-21.96	-16	Pass

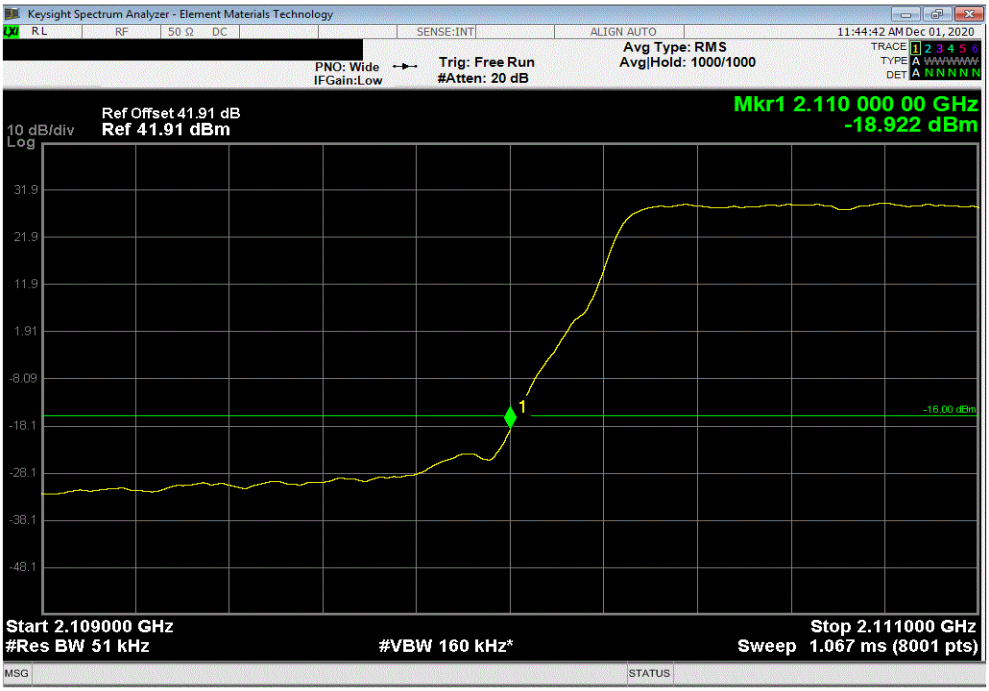


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 64-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-22.02	-16	Pass

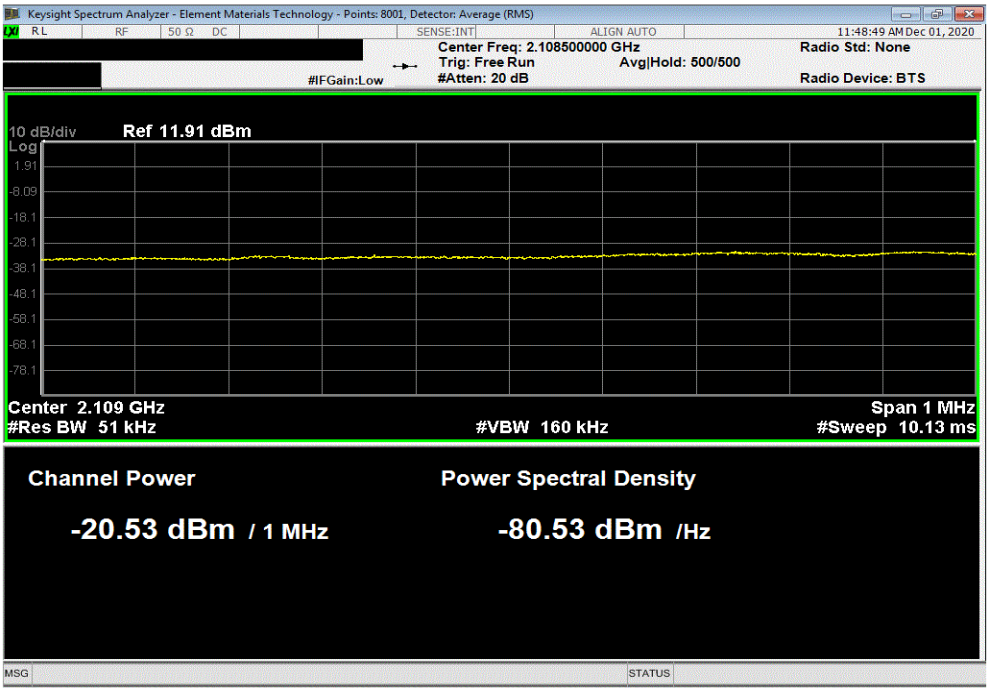


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 256-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-18.92	-16	Pass

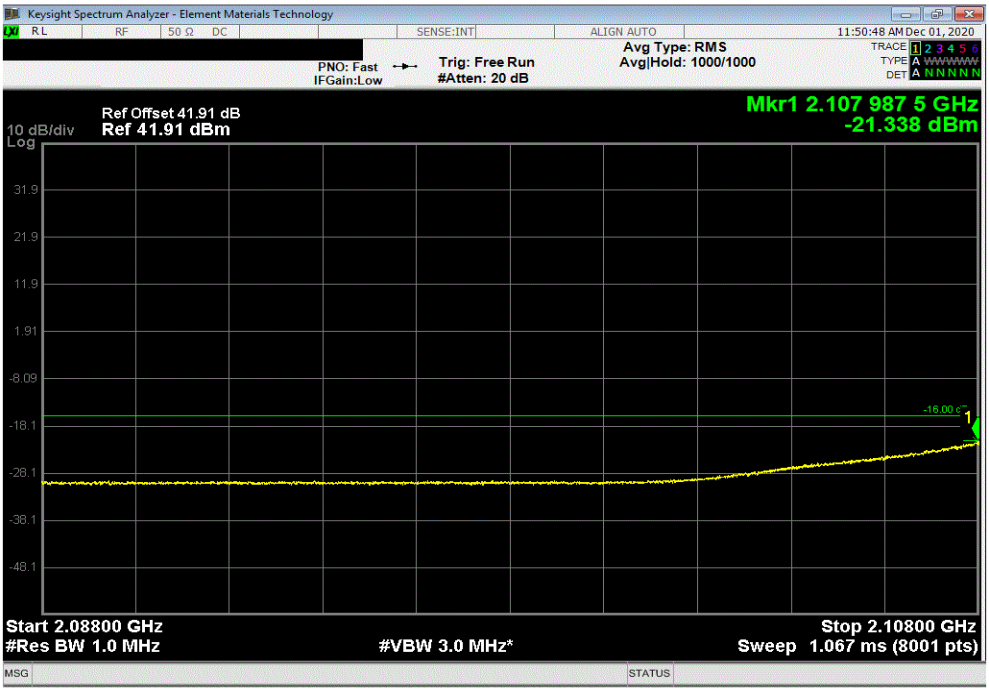


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 256-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-20.58	-16	Pass

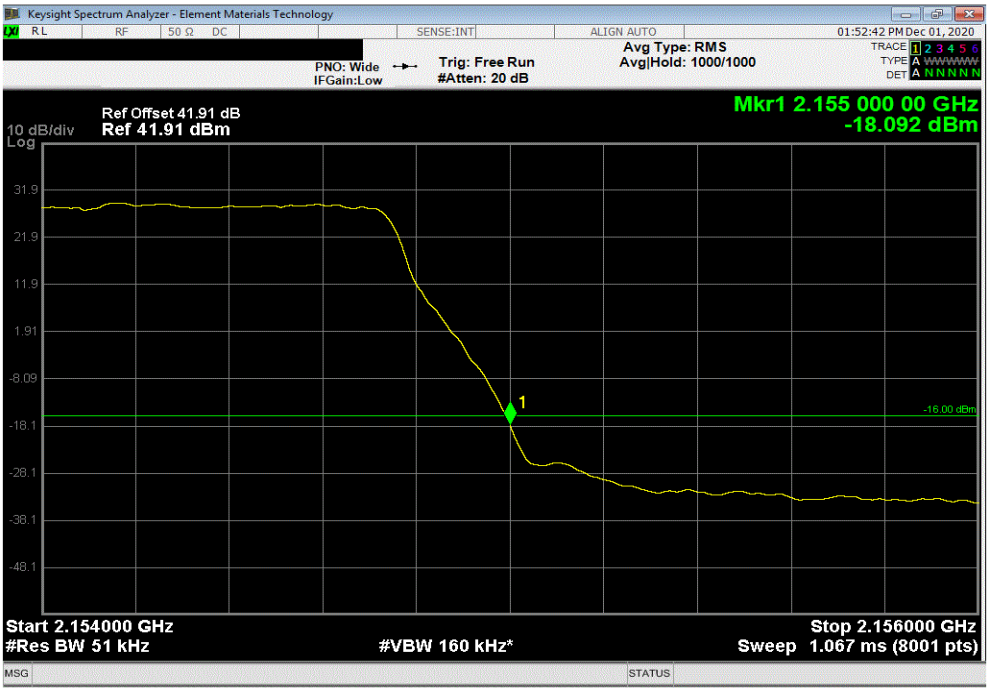


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 256-QAM Modulation, Low Channel 2112.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-21.34	-16	Pass

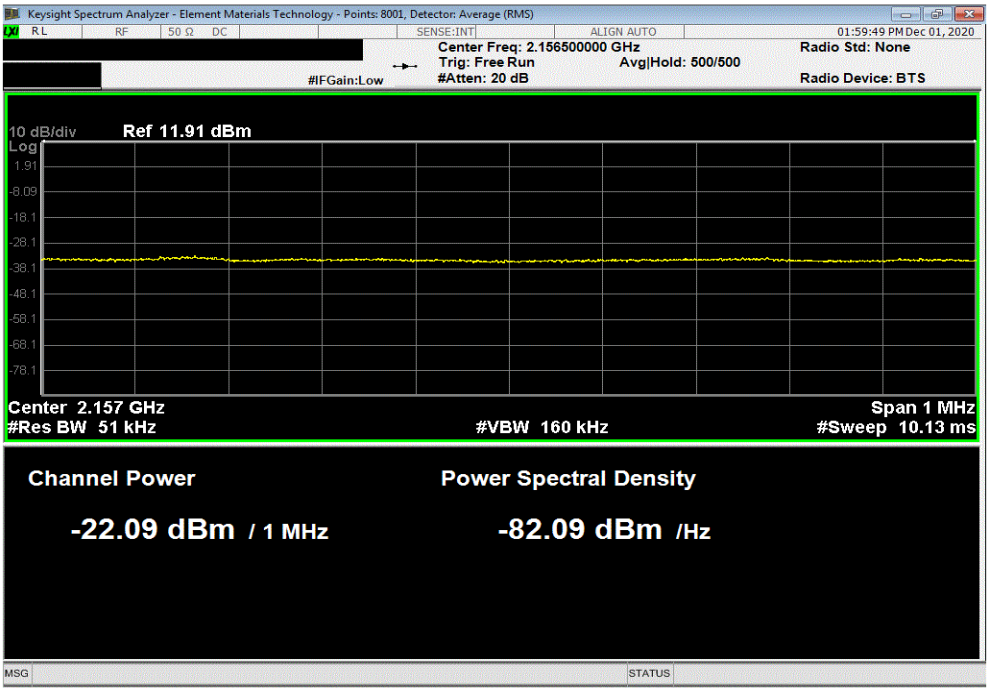


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 256-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-18.09	-16	Pass

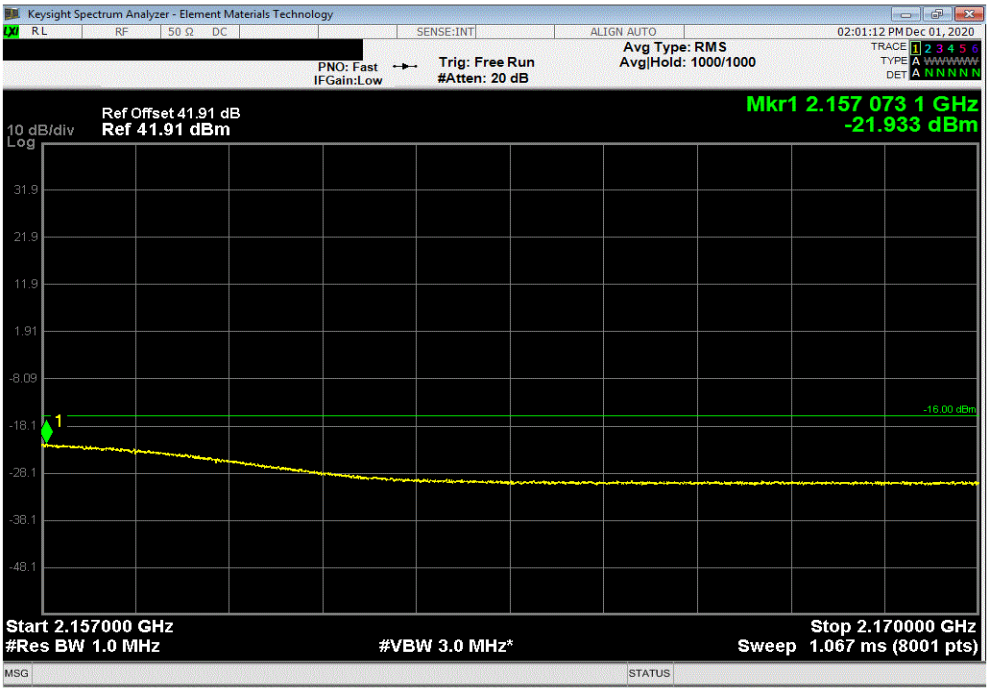


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 256-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-22.09	-16	Pass

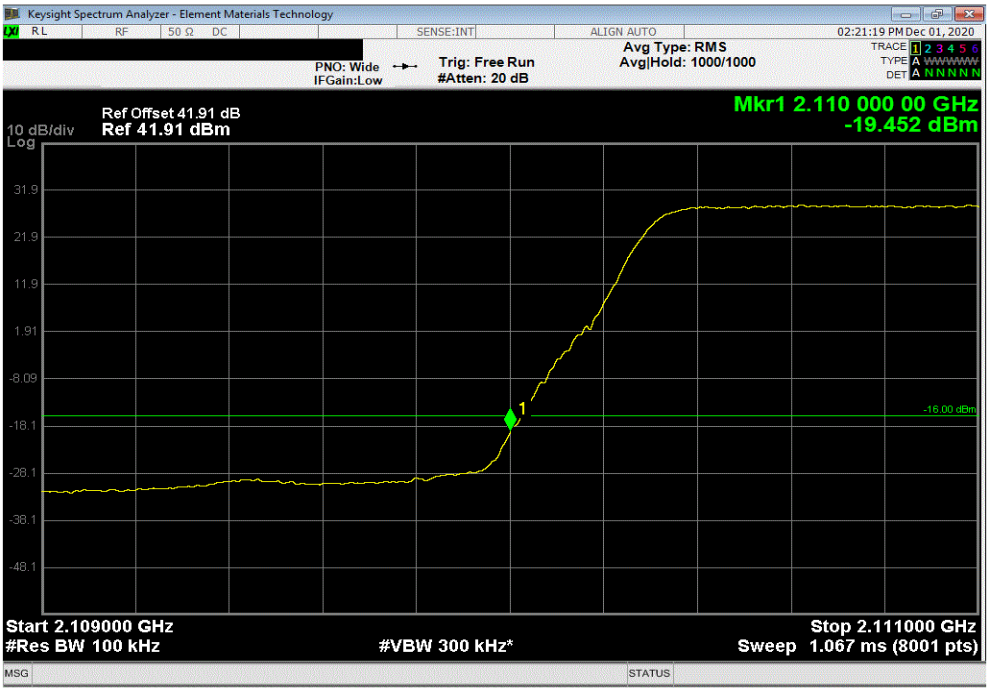


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 5 MHz Bandwidth , 256-QAM Modulation, High Channel 2152.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-21.93	-16	Pass

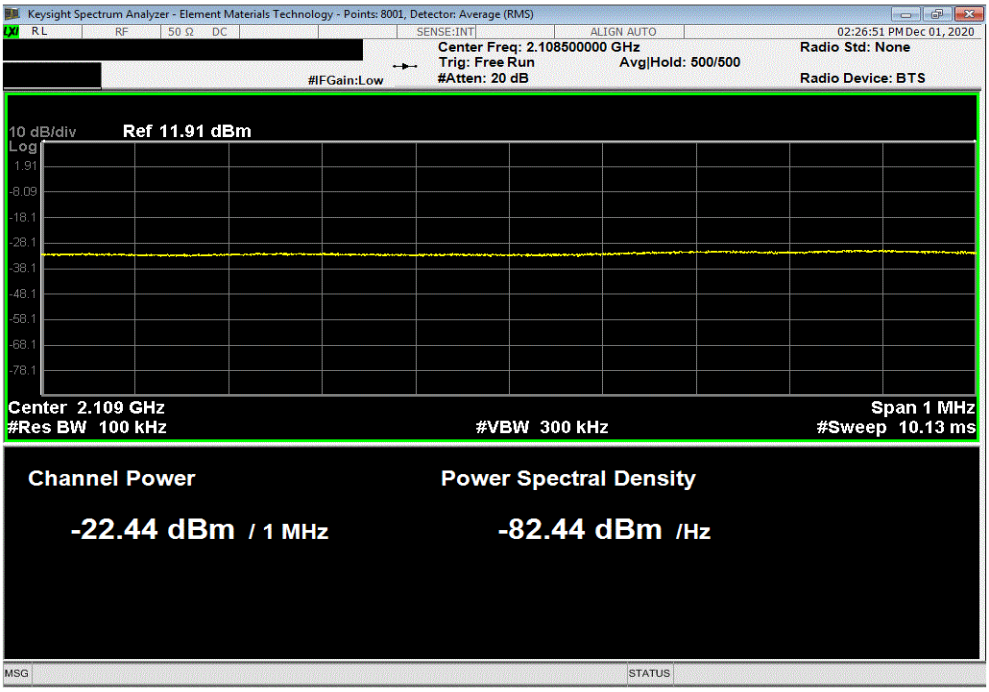


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , QPSK Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-19.45	-16	Pass

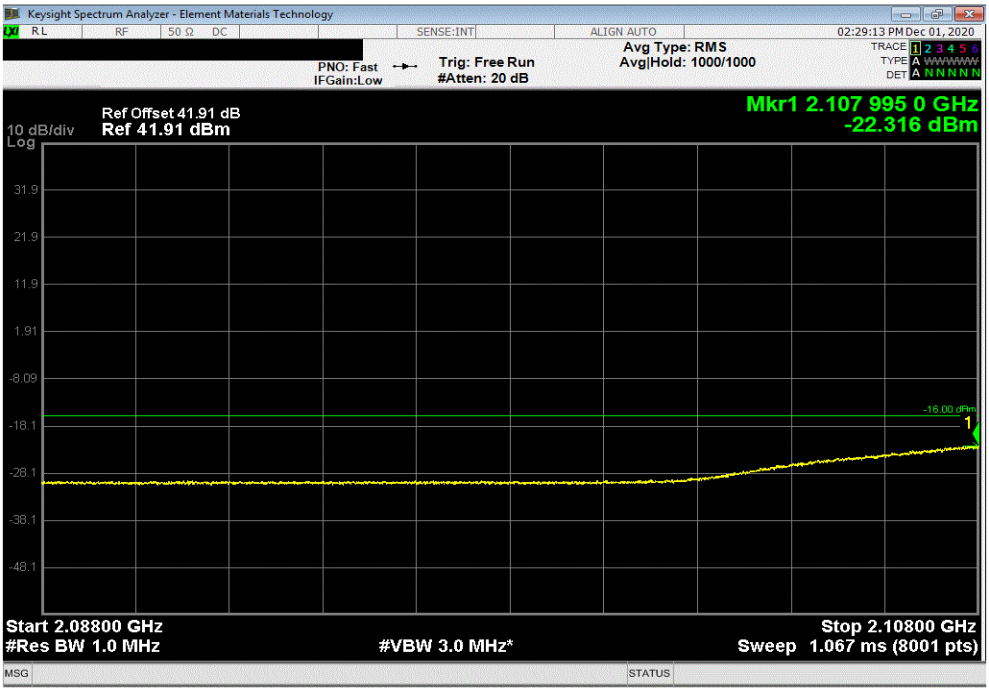


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , QPSK Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-22.44	-16	Pass

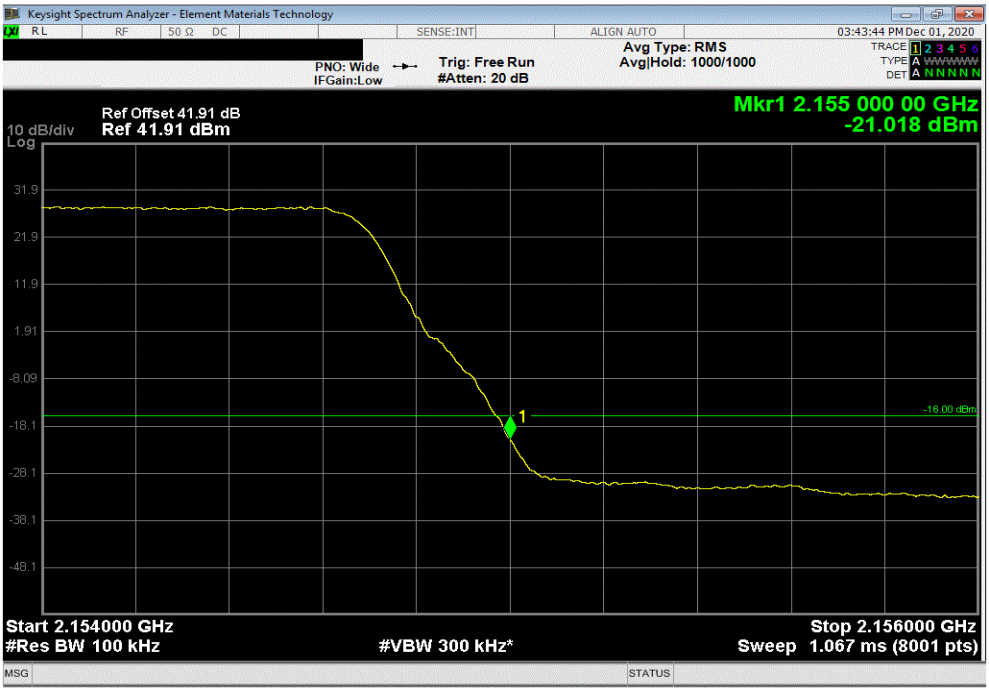


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , QPSK Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-22.32	-16	Pass

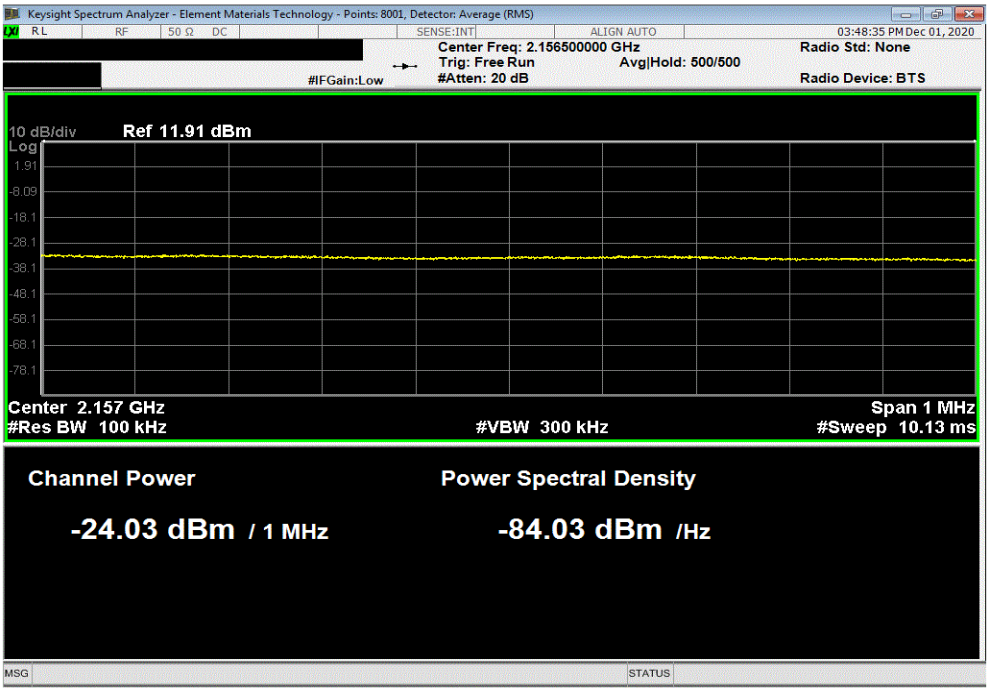


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , QPSK Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-21.02	-16	Pass

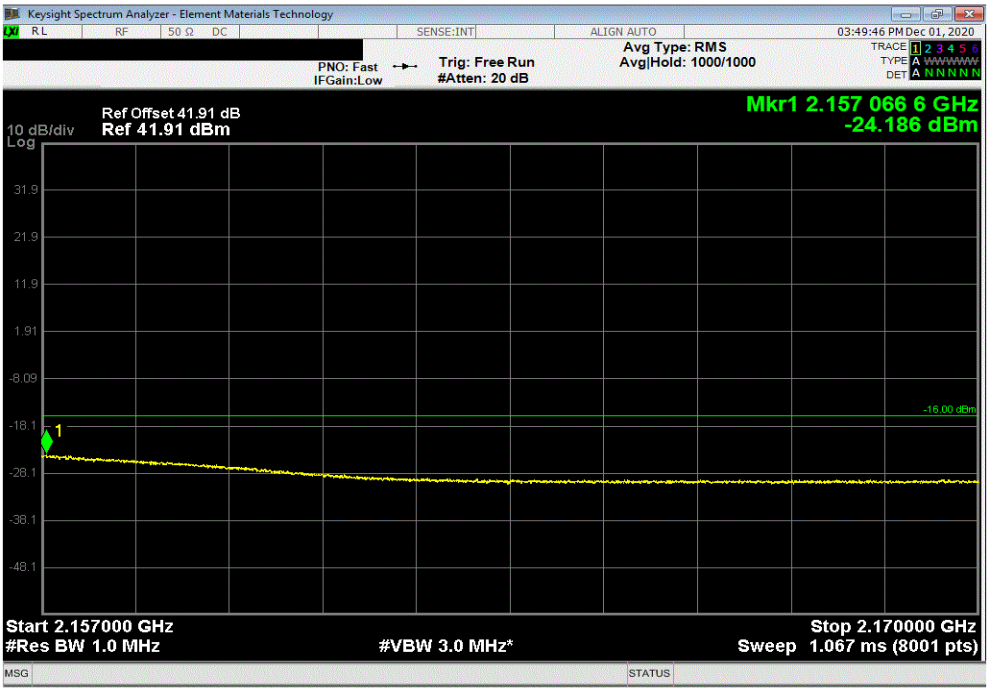


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , QPSK Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-24.03	-16	Pass

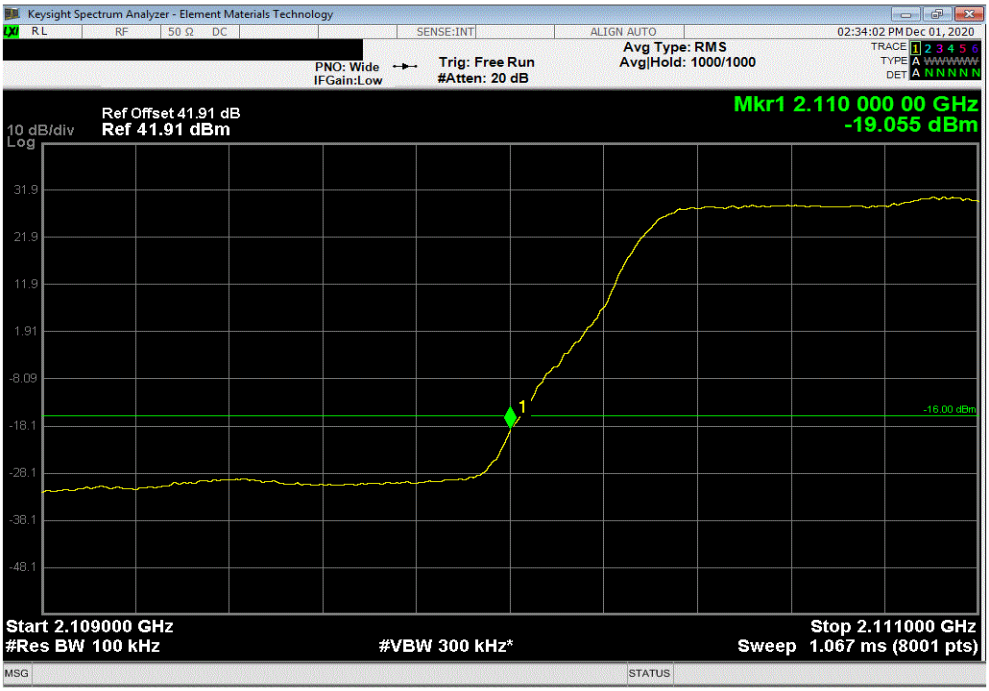


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , QPSK Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-24.19	-16	Pass

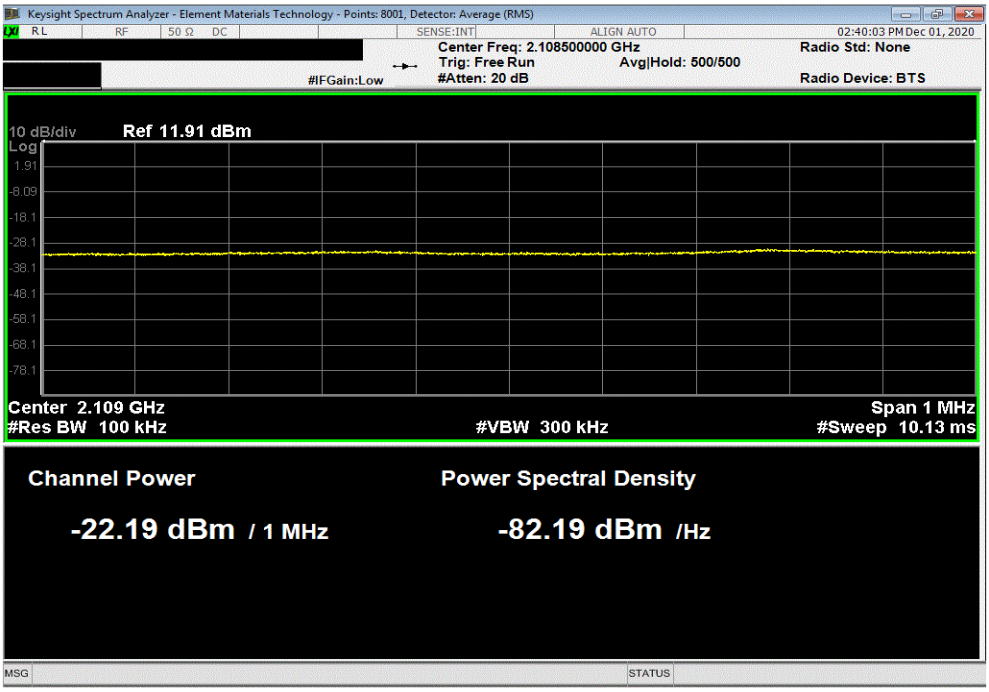


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 16-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-19.06	-16	Pass

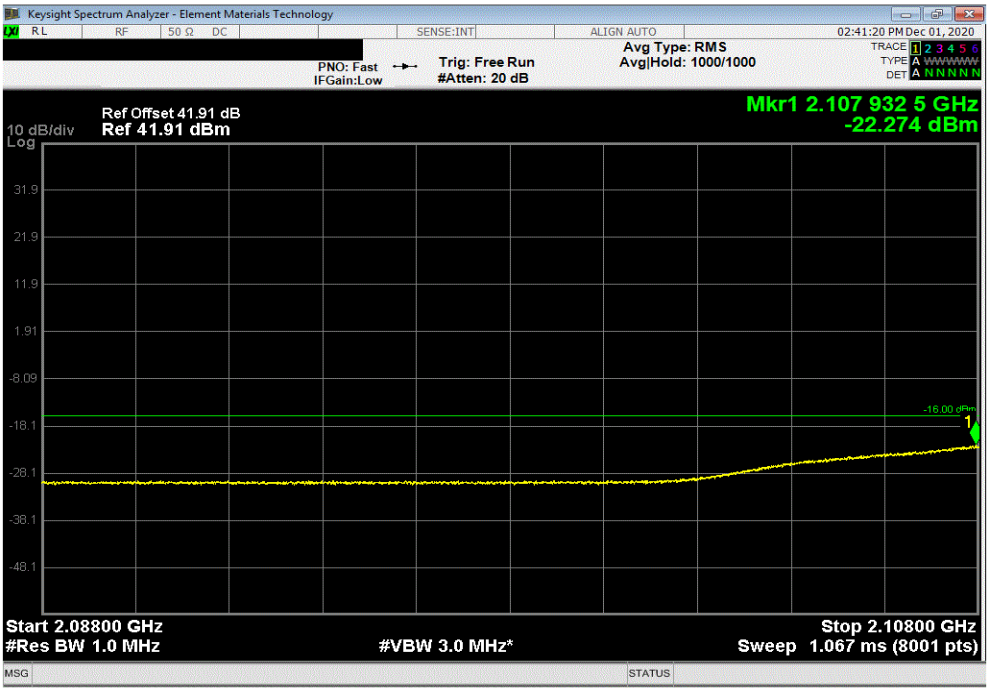


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 16-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-22.19	-16	Pass

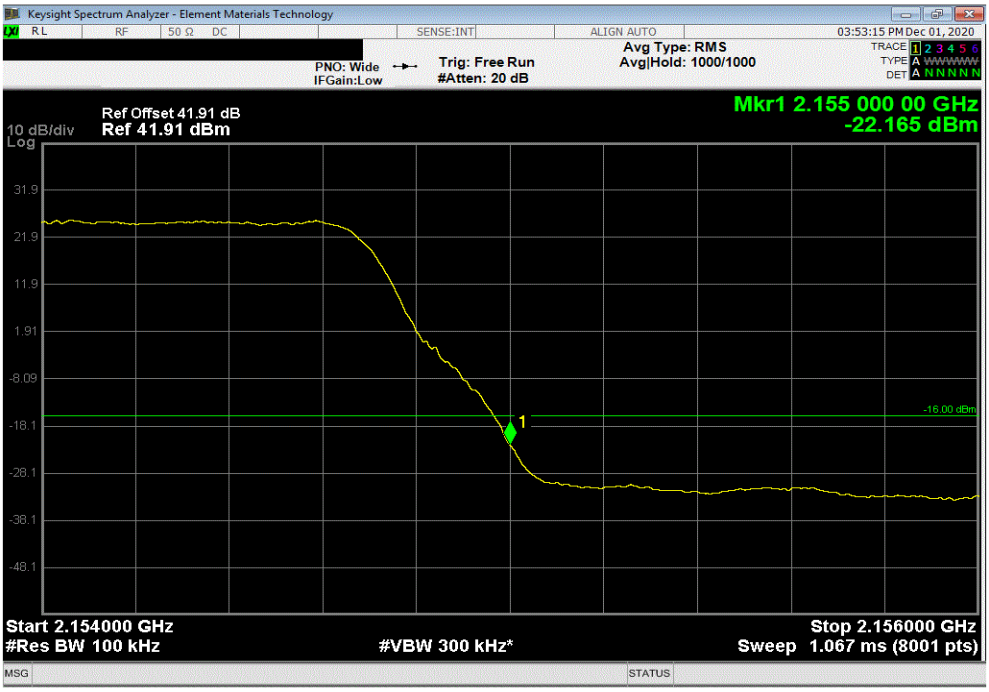


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 16-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-22.27	-16	Pass

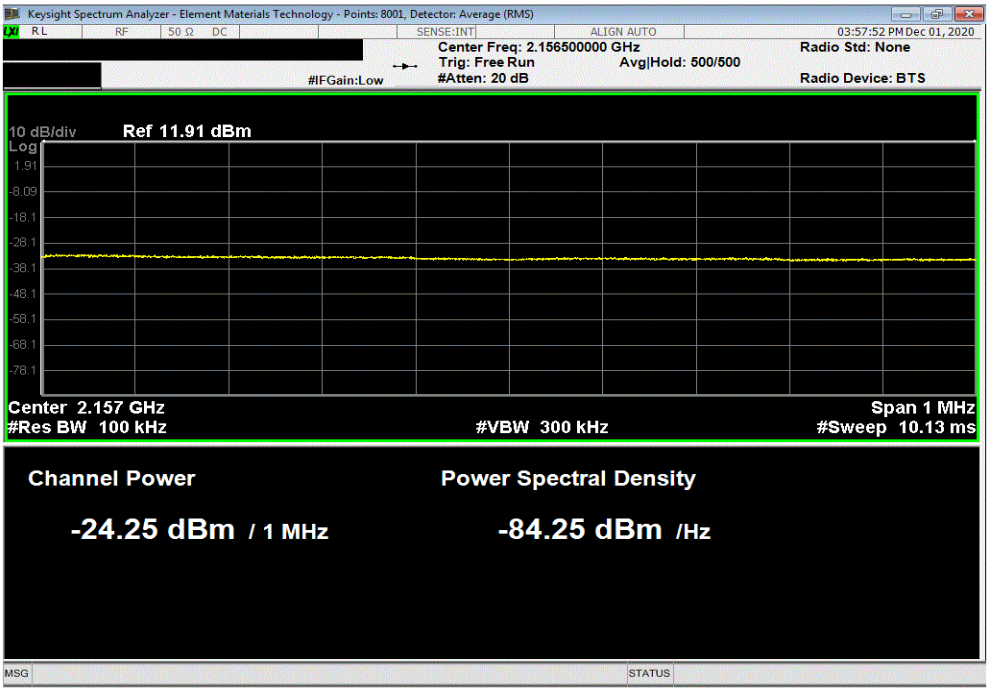


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 16-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-22.17	-16	Pass

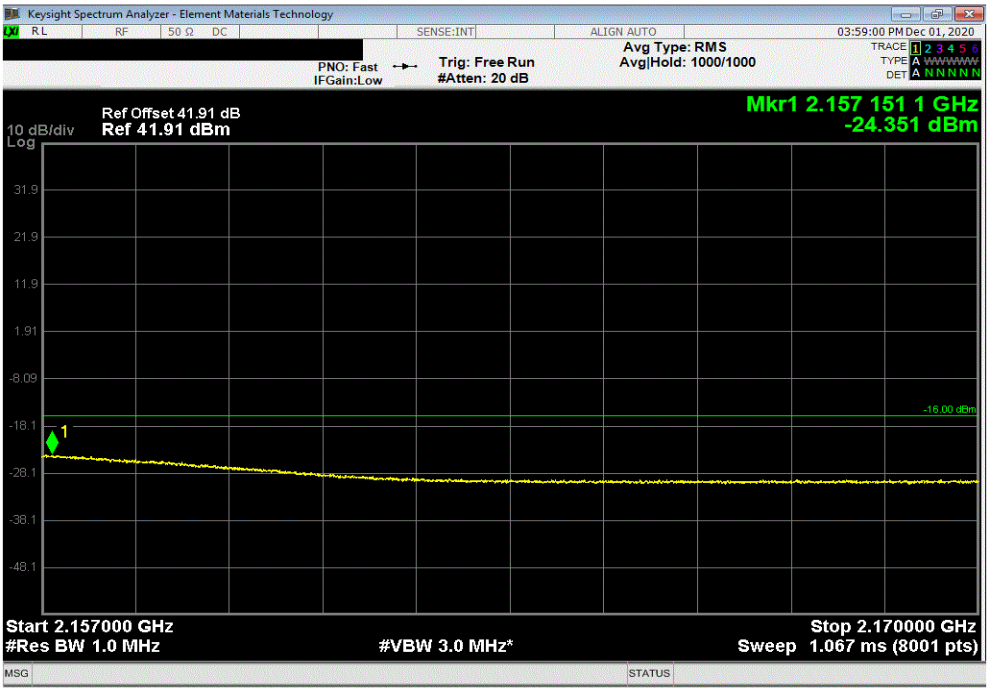


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 16-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-24.25	-16	Pass

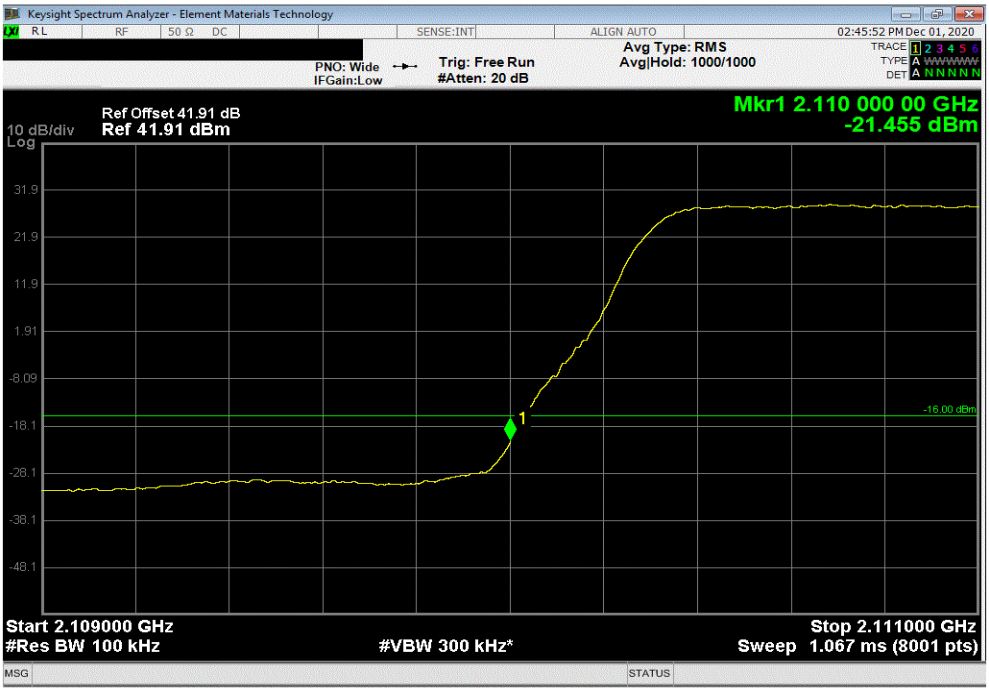


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 16-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-24.35	-16	Pass

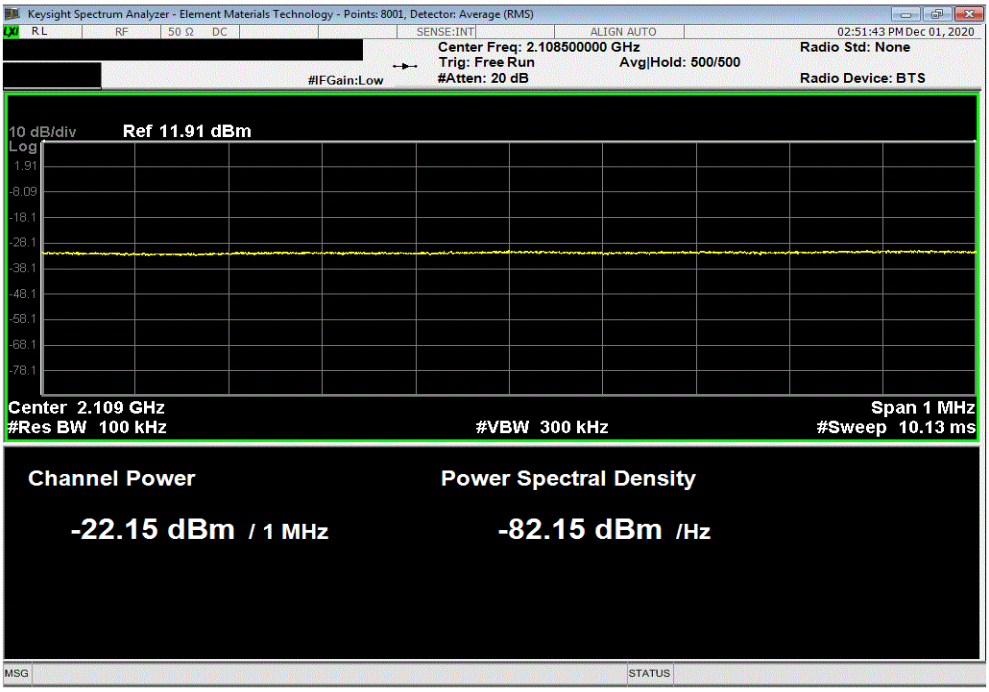


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 64-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-21.46	-16	Pass

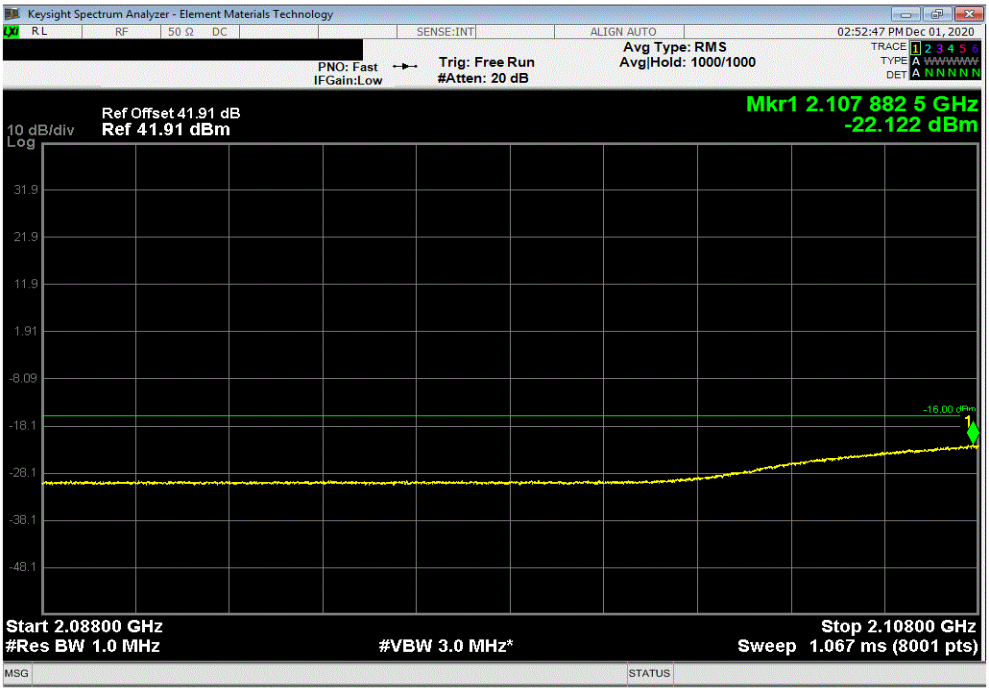


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 64-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-22.15	-16	Pass

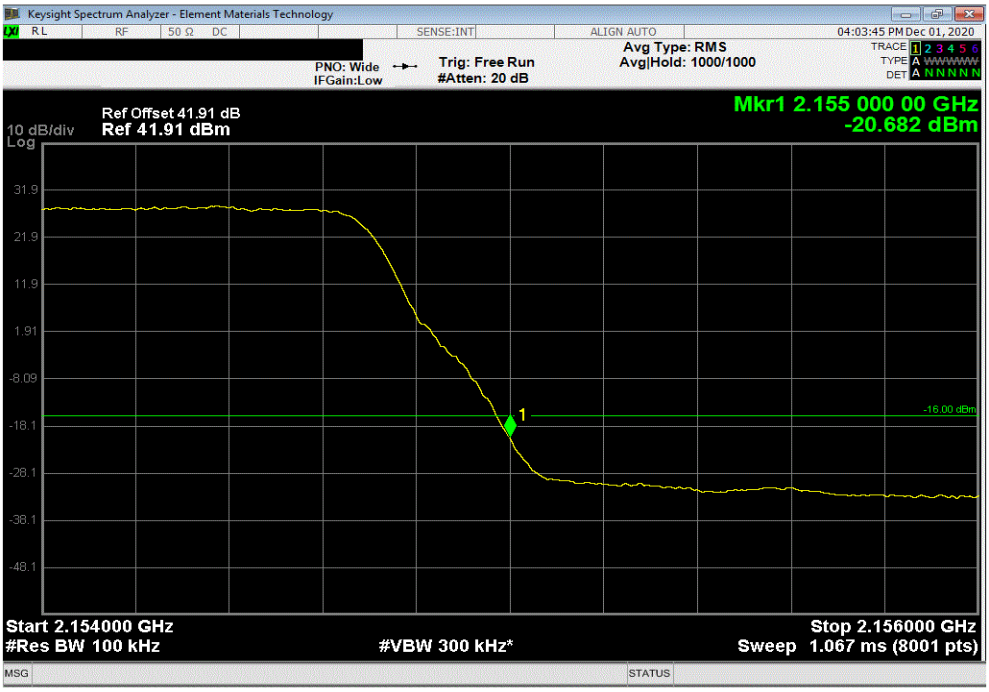


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 64-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-22.12	-16	Pass

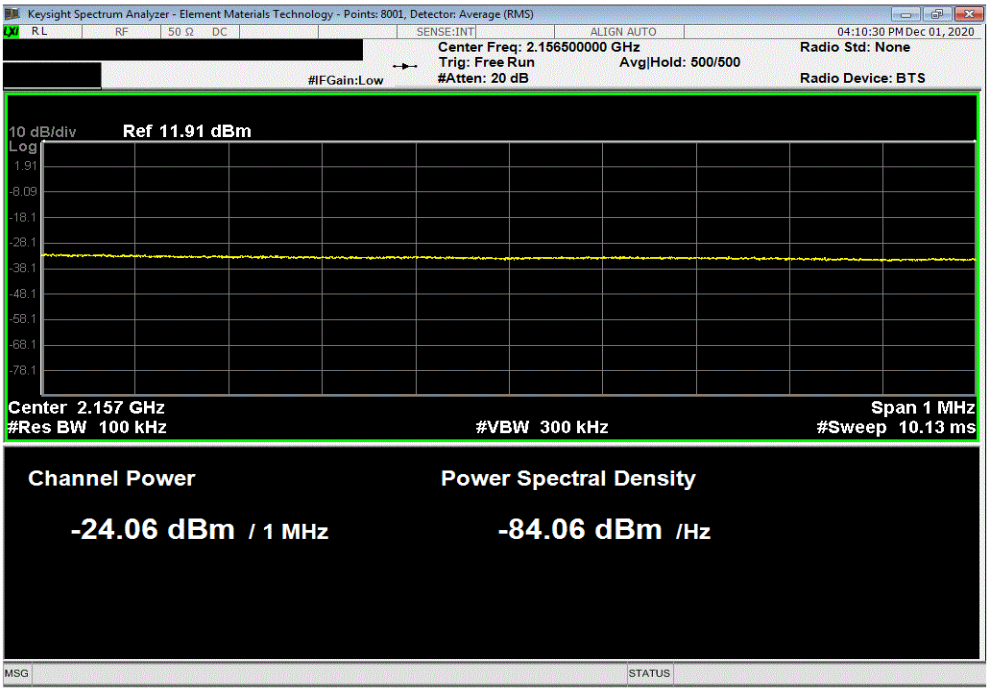


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 64-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-20.68	-16	Pass

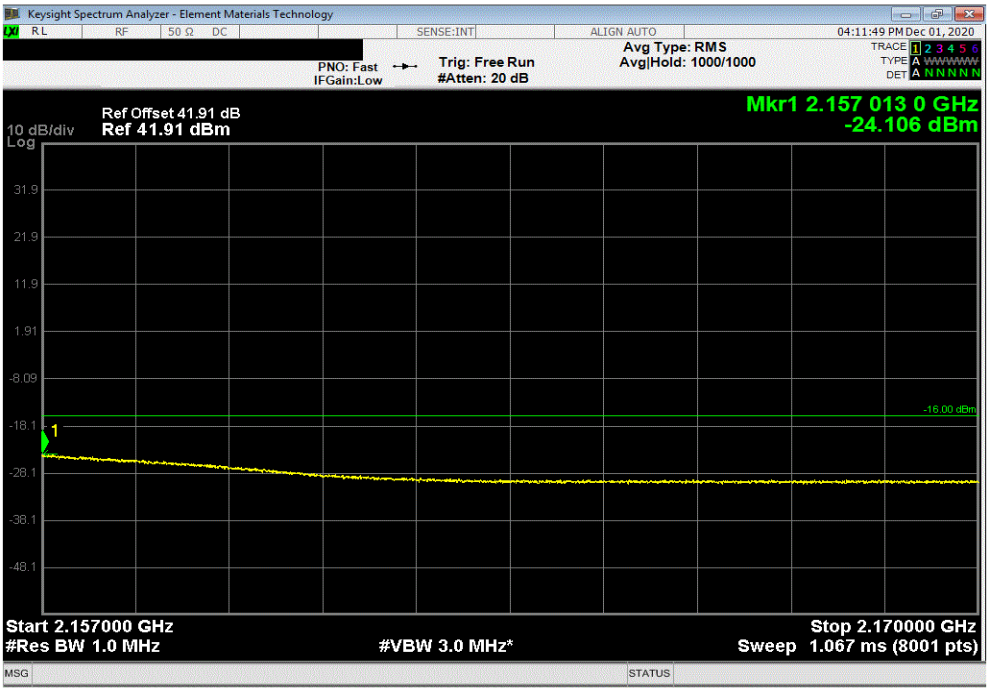


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 64-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-24.06	-16	Pass

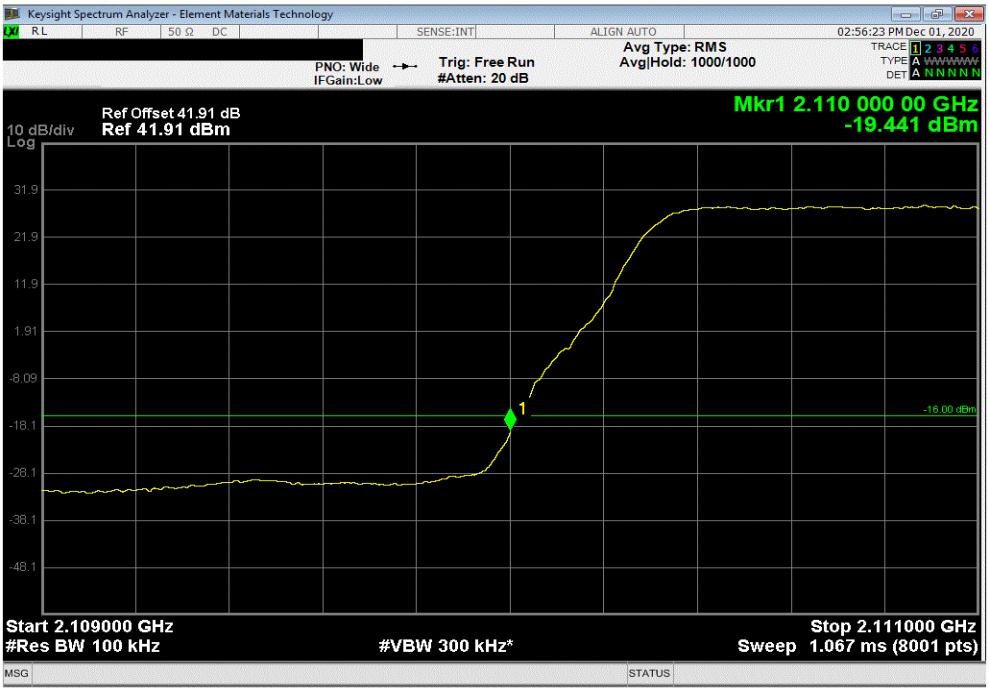


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 64-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-24.11	-16	Pass

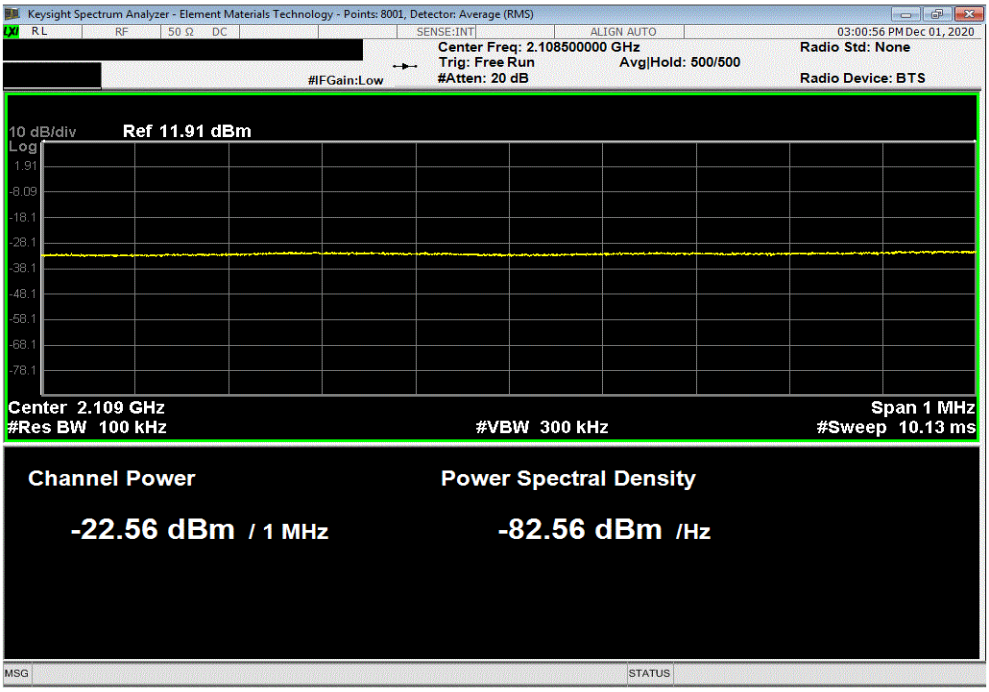


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 256-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-19.44	-16	Pass

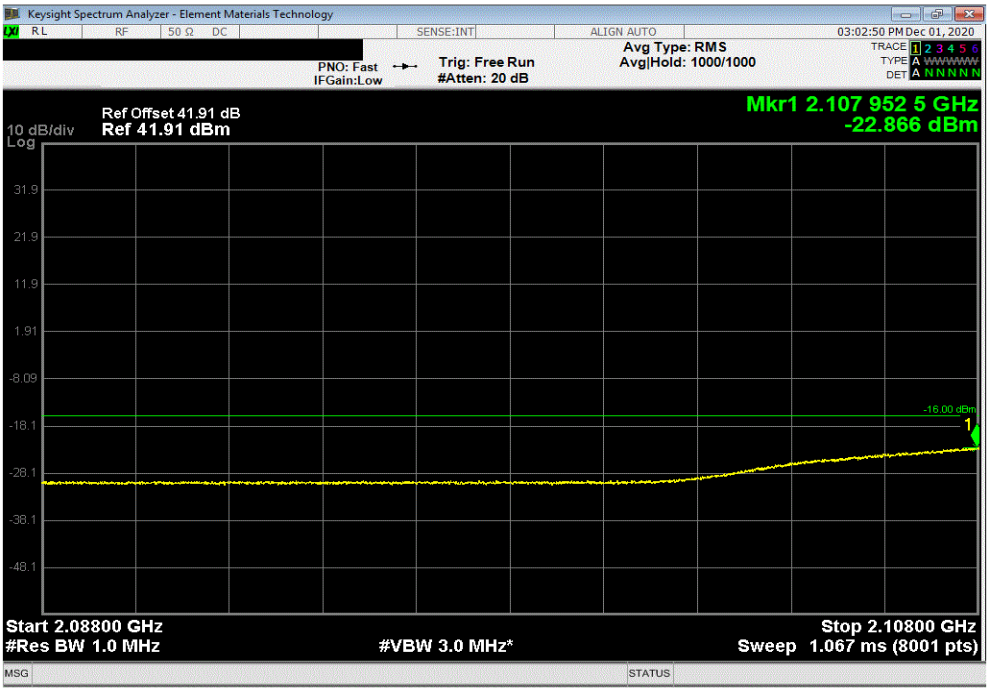


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 256-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-22.56	-16	Pass

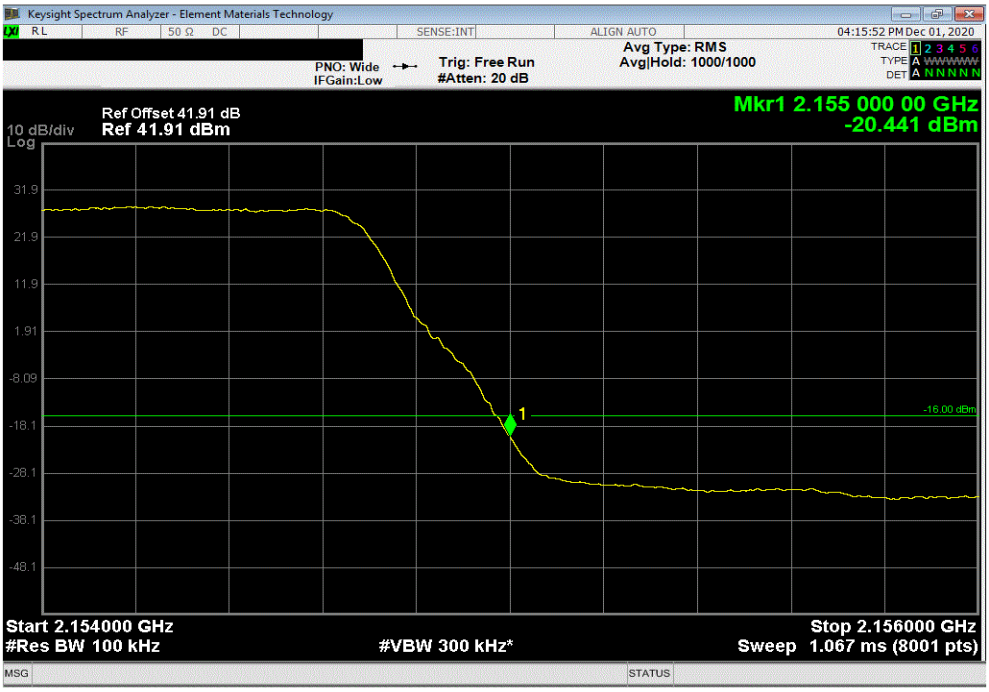


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 256-QAM Modulation, Low Channel 2115 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-22.87	-16	Pass

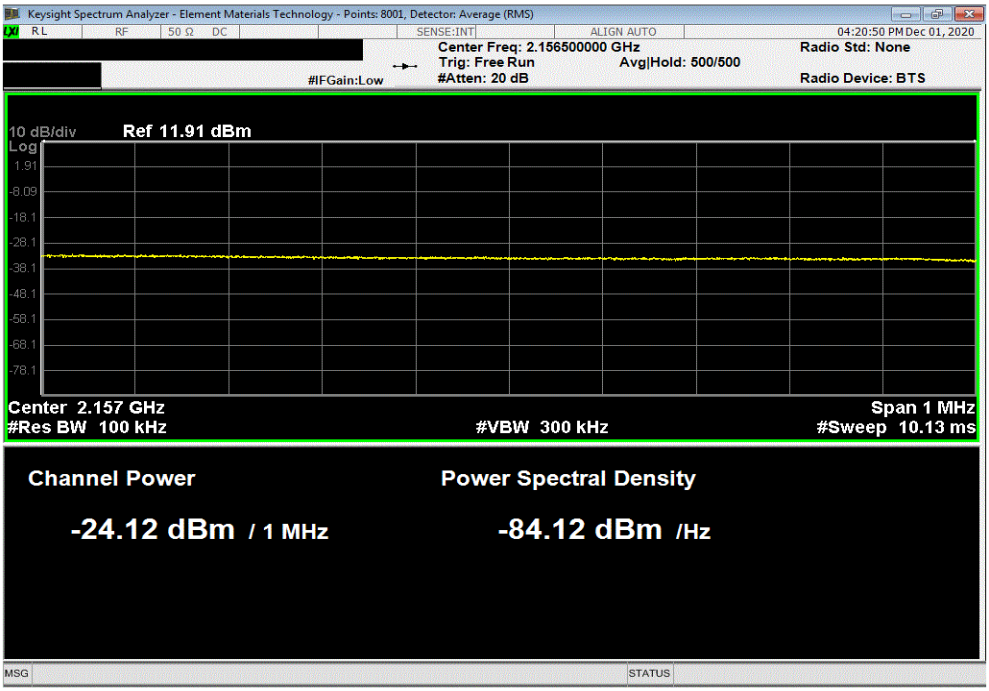


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 256-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-20.44	-16	Pass

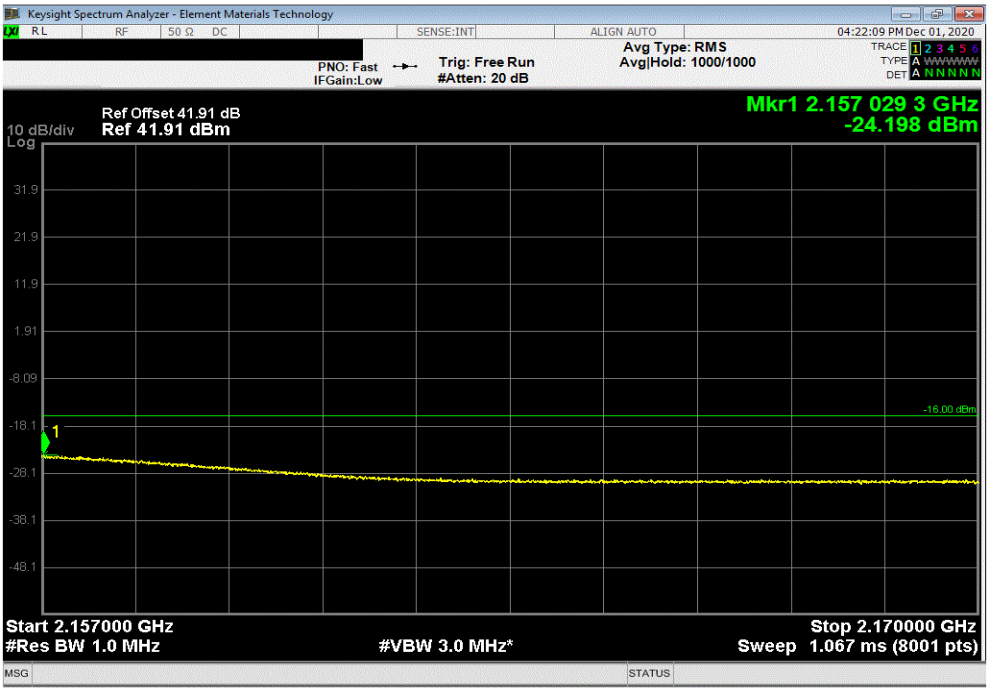


BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 256-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-24.12	-16	Pass

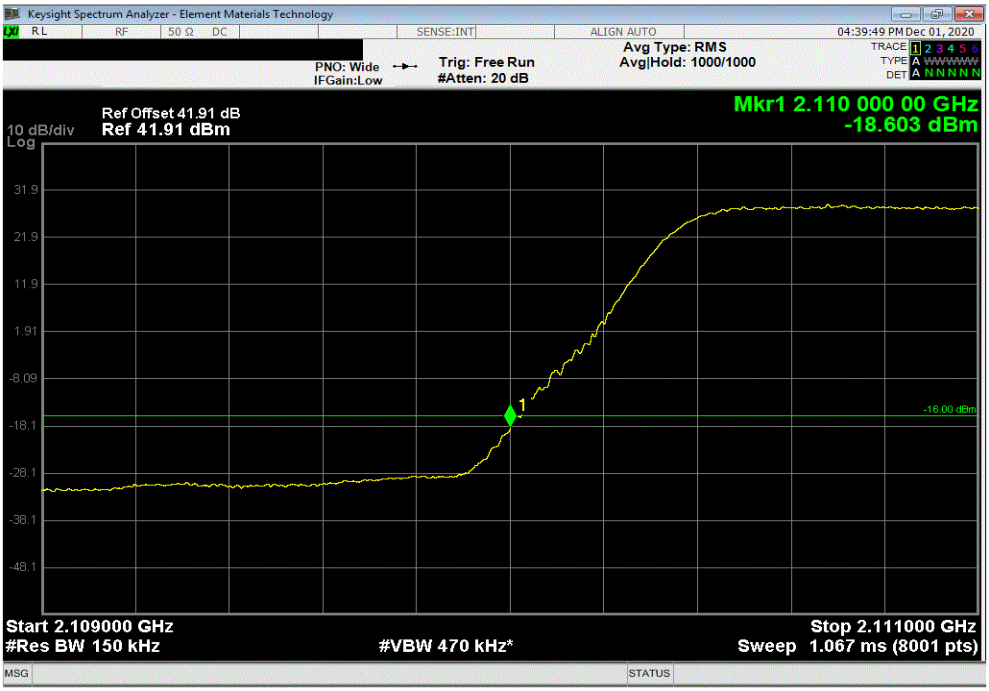


60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 10 MHz Bandwidth , 256-QAM Modulation, High Channel 2150 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	3			-24.2	-16	Pass



BAND EDGE COMPLIANCE - 2 PORT MODE

60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 15 MHz Bandwidth , QPSK Modulation, Low Channel 2117.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	1			-18.6	-16	Pass



60 Watt Port 1, Band 1, 2110 MHz - 2155 MHz, 15 MHz Bandwidth , QPSK Modulation, Low Channel 2117.5 MHz						
	Frequency Range			Value (dBm)	Limit (dBm)	Result
	2			-23.84	-16	Pass