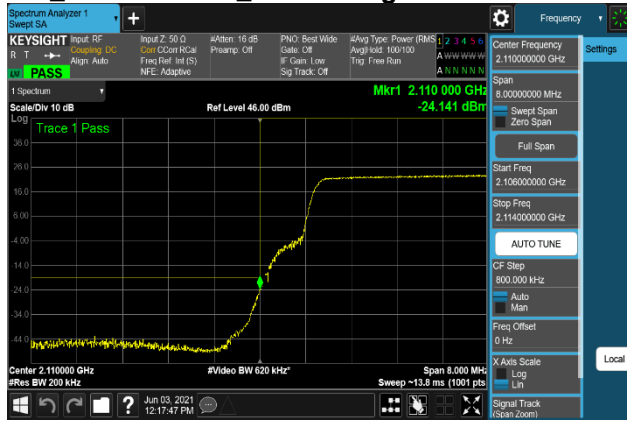


**- B66\_20M+5M+10M\_Non-Contiguous**



Plot 7-709. Band Edge Emission Plot (B66\_20M+5M+10M\_QPSK, Port 0)



Plot 7-710. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_QPSK, Port 0)



Plot 7-711. Band Edge Emission Plot (B66\_20M+5M+10M\_16QAM, Port 0)





Plot 7-712. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_16QAM, Port 0)

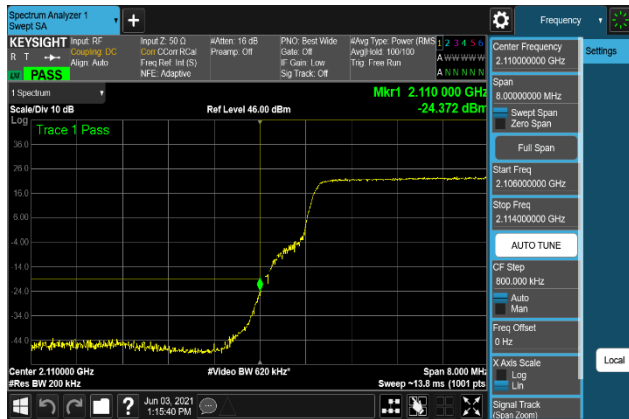


Plot 7-713. Band Edge Emission Plot (B66\_20M+5M+10M\_64QAM, Port 0)

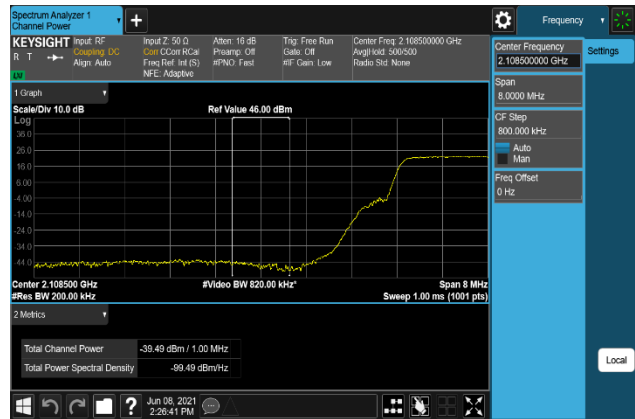


Plot 7-714. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_64QAM, Port 0)

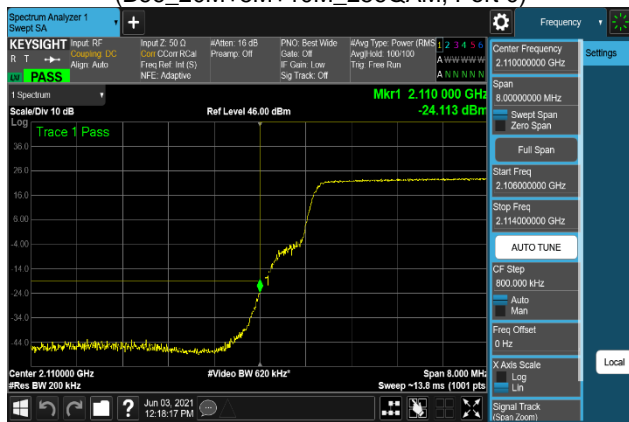
FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)		Page 159 of 515



Plot 7-715. Band Edge Emission Plot (B66\_20M+5M+10M\_256QAM, Port 0)



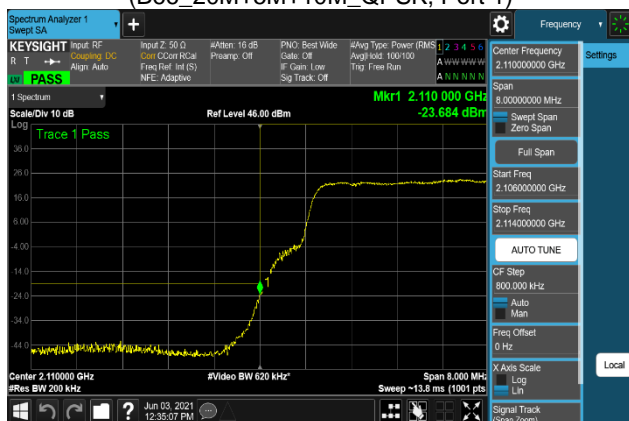
Plot 7-716. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_256QAM, Port 0)



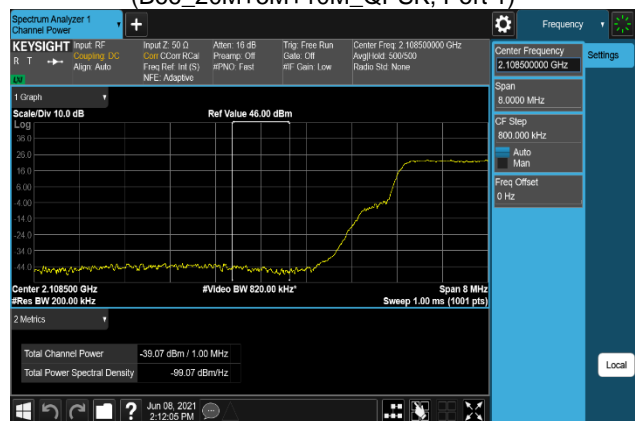
Plot 7-717. Band Edge Emission Plot (B66\_20M+5M+10M\_QPSK, Port 1)



Plot 7-718. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_QPSK, Port 1)

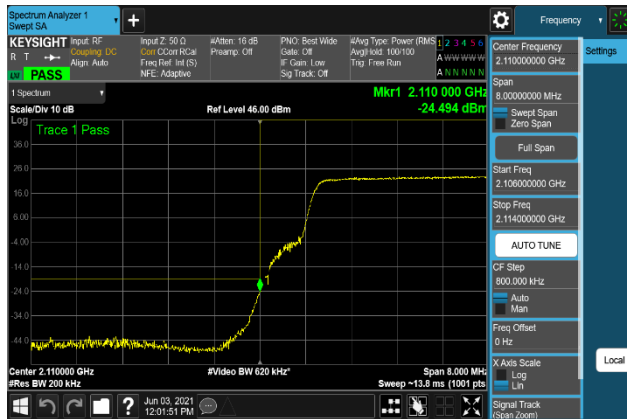


Plot 7-719. Band Edge Emission Plot (B66\_20M+5M+10M\_16QAM, Port 1)

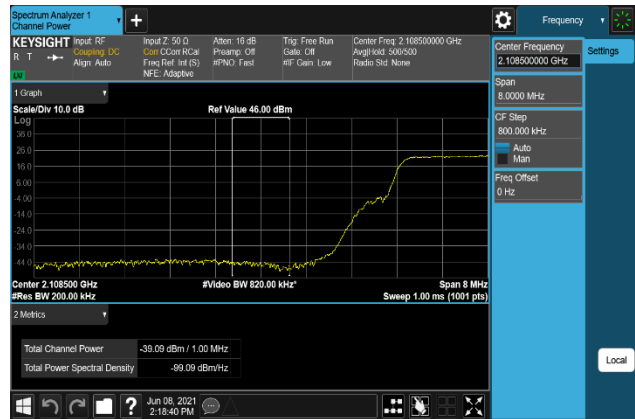


Plot 7-720. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_16QAM, Port 1)

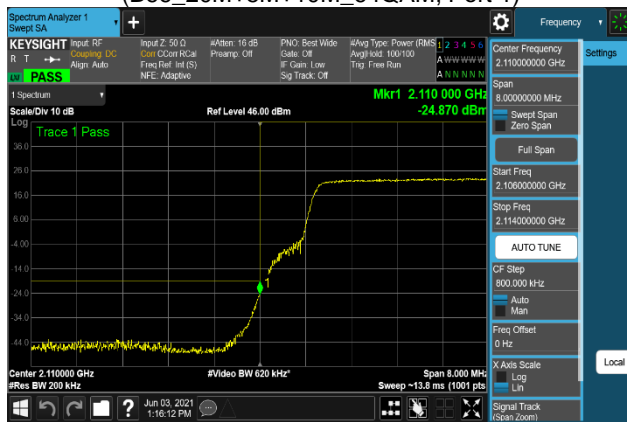
FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)		Page 160 of 515



Plot 7-721. Band Edge Emission Plot (B66\_20M+5M+10M\_64QAM, Port 1)



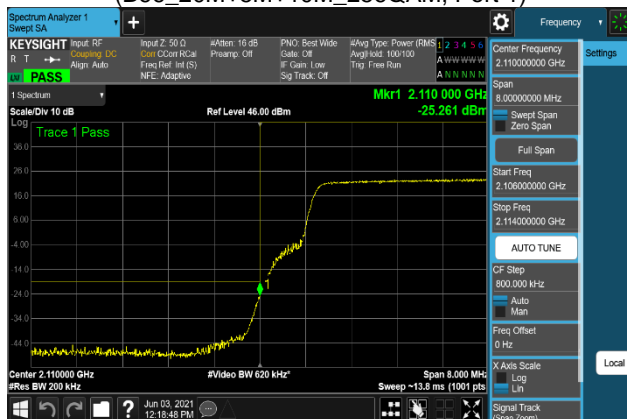
Plot 7-722. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_64QAM, Port 1)



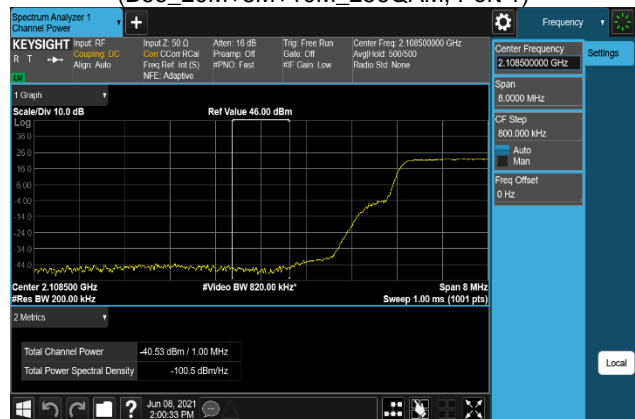
Plot 7-723. Band Edge Emission Plot (B66\_20M+5M+10M\_256QAM, Port 1)



Plot 7-724. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_256QAM, Port 1)

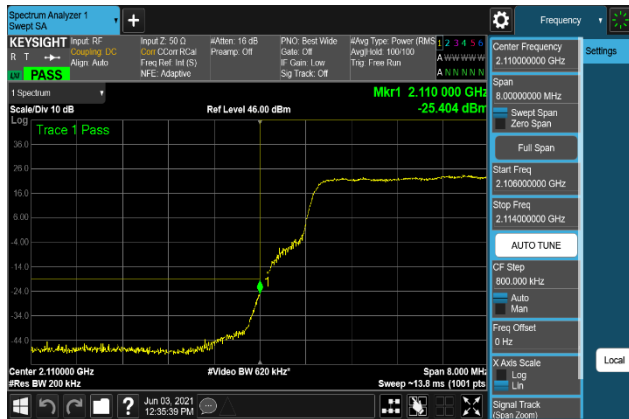


Plot 7-725. Band Edge Emission Plot (B66\_20M+5M+10M\_QPSK, Port 2)

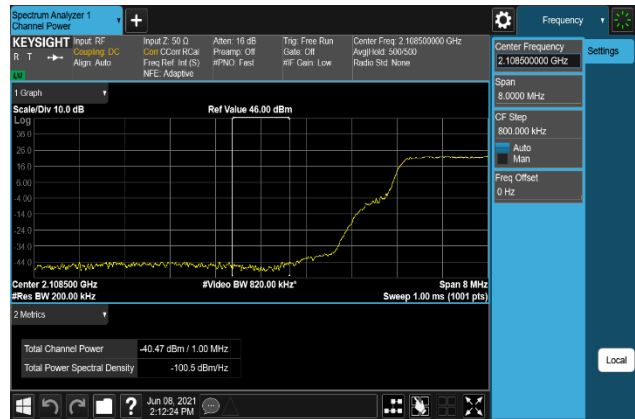


Plot 7-726. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_QPSK, Port 2)

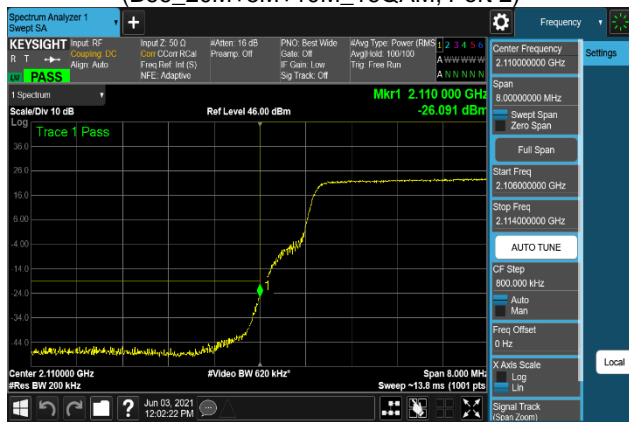
FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)		Page 161 of 515



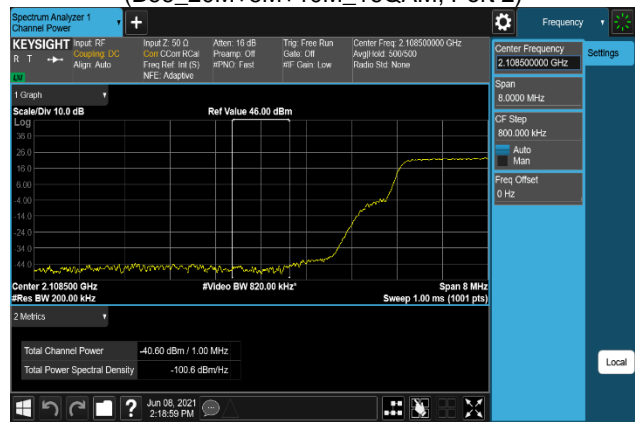
Plot 7-727. Band Edge Emission Plot (B66\_20M+5M+10M\_16QAM, Port 2)



Plot 7-728. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_16QAM, Port 2)



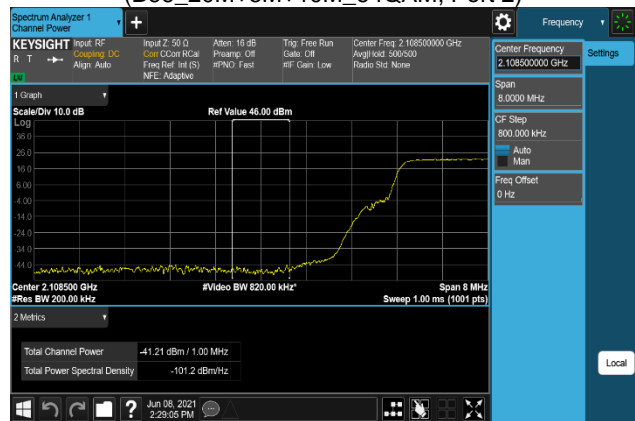
Plot 7-729. Band Edge Emission Plot (B66\_20M+5M+10M\_64QAM, Port 2)



Plot 7-730. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_64QAM, Port 2)

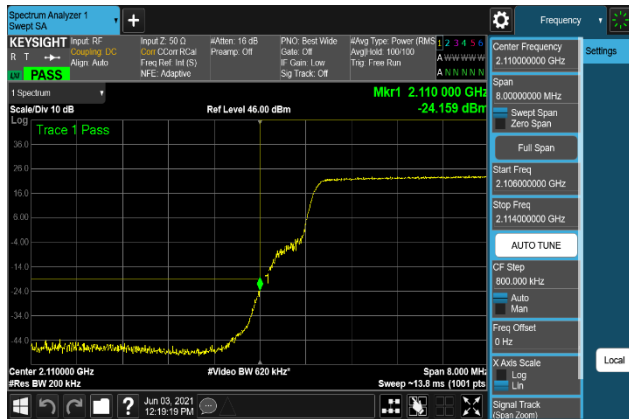


Plot 7-731. Band Edge Emission Plot (B66\_20M+5M+10M\_256QAM, Port 2)

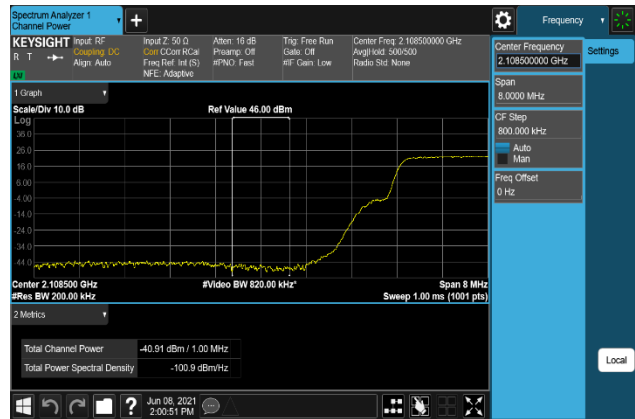


Plot 7-732. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_256QAM, Port 2)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 162 of 515



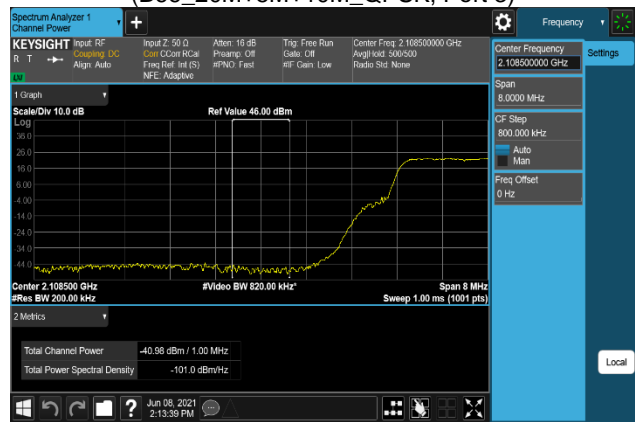
Plot 7-733. Band Edge Emission Plot (B66\_20M+5M+10M\_QPSK, Port 3)



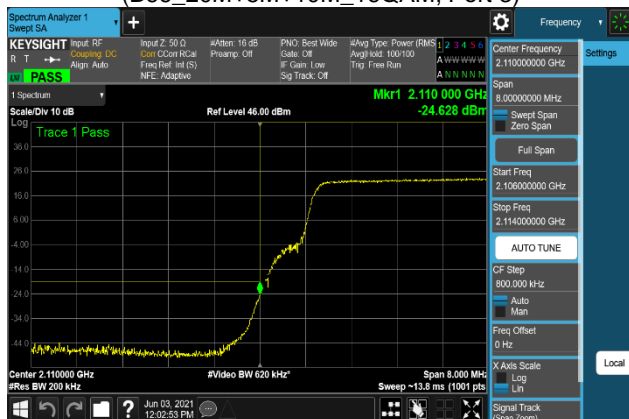
Plot 7-734. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_QPSK, Port 3)



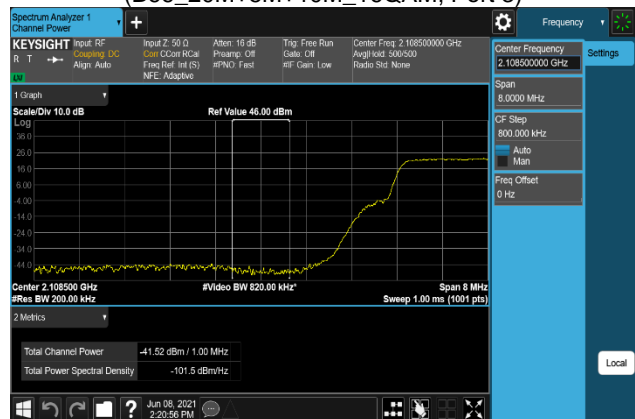
Plot 7-735. Band Edge Emission Plot (B66\_20M+5M+10M\_16QAM, Port 3)





Plot 7-736. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_16QAM, Port 3)



Plot 7-737. Band Edge Emission Plot (B66\_20M+5M+10M\_64QAM, Port 3)

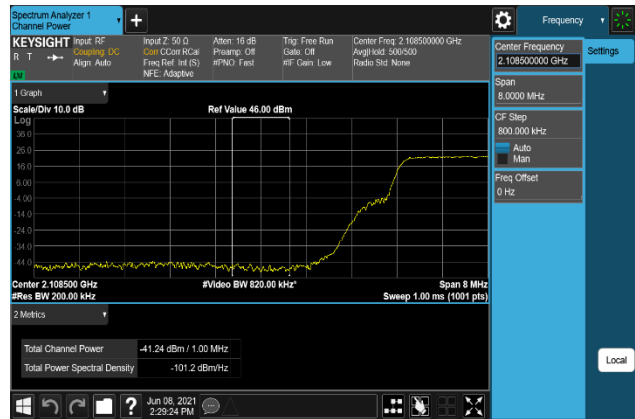


Plot 7-738. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_64QAM, Port 3)

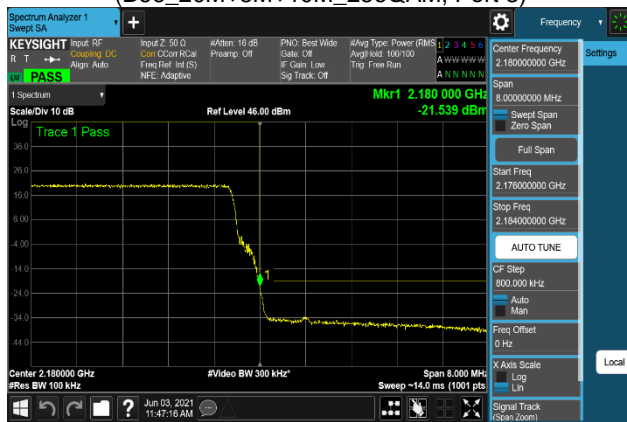
FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)		Page 163 of 515



Plot 7-739. Band Edge Emission Plot (B66\_20M+5M+10M\_256QAM, Port 3)



Plot 7-740. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_256QAM, Port 3)



Plot 7-741. Band Edge Emission Plot (B66\_20M+5M+10M\_QPSK, Port 0)



Plot 7-742. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_QPSK, Port 0)



Plot 7-743. Band Edge Emission Plot (B66\_20M+5M+10M\_16QAM, Port 0)

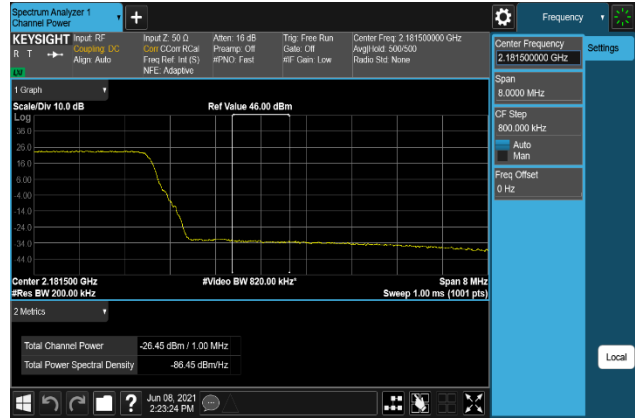


Plot 7-744. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_16QAM, Port 0)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)		Page 164 of 515



Plot 7-745. Band Edge Emission Plot (B66\_20M+5M+10M\_64QAM, Port 0)



Plot 7-746. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_64QAM, Port 0)



Plot 7-747. Band Edge Emission Plot (B66\_20M+5M+10M\_256QAM, Port 0)



Plot 7-748. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_256QAM, Port 0)



Plot 7-749. Band Edge Emission Plot (B66\_20M+5M+10M\_QPSK, Port 1)

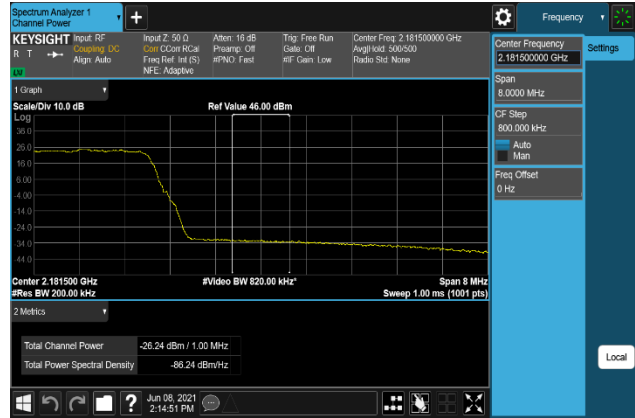


Plot 7-750. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_QPSK, Port 1)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 165 of 515



Plot 7-751. Band Edge Emission Plot (B66\_20M+5M+10M\_16QAM, Port 1)



Plot 7-752. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_16QAM, Port 1)



Plot 7-753. Band Edge Emission Plot (B66\_20M+5M+10M\_64QAM, Port 1)



Plot 7-754. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_64QAM, Port 1)



Plot 7-755. Band Edge Emission Plot (B66\_20M+5M+10M\_256QAM, Port 1)



Plot 7-756. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_256QAM, Port 1)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 166 of 515





Plot 7-757. Band Edge Emission Plot (B66\_20M+5M+10M\_QPSK, Port 2)



Plot 7-758. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_QPSK, Port 2)



Plot 7-759. Band Edge Emission Plot (B66\_20M+5M+10M\_16QAM, Port 2)



Plot 7-760. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_16QAM, Port 2)



Plot 7-761. Band Edge Emission Plot (B66\_20M+5M+10M\_64QAM, Port 2)



Plot 7-762. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_64QAM, Port 2)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 167 of 515



Plot 7-763. Band Edge Emission Plot (B66\_20M+5M+10M\_256QAM, Port 2)



Plot 7-764. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_256QAM, Port 2)



Plot 7-765. Band Edge Emission Plot (B66\_20M+5M+10M\_QPSK, Port 3)



Plot 7-766. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_QPSK, Port 3)



Plot 7-767. Band Edge Emission Plot (B66\_20M+5M+10M\_16QAM, Port 3)



Plot 7-768. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_16QAM, Port 3)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 168 of 515



Plot 7-769. Band Edge Emission Plot (B66\_20M+5M+10M\_64QAM, Port 3)





Plot 7-770. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_64QAM, Port 3)



Plot 7-771. Band Edge Emission Plot (B66\_20M+5M+10M\_256QAM, Port 3)





Plot 7-772. Band Edge Emission(Channel Power) Plot (B66\_20M+5M+10M\_256QAM, Port 3)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)		Page 169 of 515

- B2\_20M+5M\_Contiguous

Channel	Port	Measured Range (MHz)	Max. Value (dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Low	0	2109 to 2110	-28.143	-28.292	-28.513	-28.080	-19
	0	2108 to 2109	-31.490	-29.930	-31.120	-30.870	-19
	1	2109 to 2110	-26.950	-27.730	-27.545	-27.223	-19
	1	2108 to 2109	-30.410	-29.820	-29.840	-29.490	-19
	2	2109 to 2110	-28.188	-28.021	-27.973	-28.092	-19
	2	2108 to 2109	-31.630	-31.260	-31.630	-30.830	-19
	3	2109 to 2110	-27.886	-28.437	-28.108	-28.067	-19
	3	2108 to 2109	-30.650	-30.500	-30.700	-30.310	-19
High	0	2180 to 2181	-30.324	-31.092	-30.427	-29.535	-19
	0	2181 to 2182	-29.070	-29.260	-29.300	-28.960	-19
	1	2180 to 2181	-30.369	-31.006	-30.206	-29.269	-19
	1	2181 to 2182	-27.580	-27.060	-26.590	-26.760	-19
	2	2180 to 2181	-31.013	-31.570	-31.416	-29.617	-19
	2	2181 to 2182	-30.070	-30.230	-30.380	-29.730	-19
	3	2180 to 2181	-30.625	-30.904	-30.172	-29.283	-19
	3	2181 to 2182	-27.600	-27.920	-27.770	-28.010	-19



Table 7-33. Band Edge Emission Summary Data (B2\_20M+5M\_Contiguous)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)	Page 170 of 515	

**- B2\_20M+5M\_Non-Contiguous**

Edge	Port	Measured Freq. (MHz)	Max. Value (dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Lower	0	2109 to 2110	-25.698	-25.922	-26.124	-24.726	-19
	0	2108 to 2109	-30.810	-31.320	-30.150	-30.530	-19
	1	2109 to 2110	-25.749	-25.684	-25.706	-25.174	-19
	1	2108 to 2109	-30.160	-30.380	-30.310	-30.640	-19
	2	2109 to 2110	-26.286	-26.577	-26.524	-25.860	-19
	2	2108 to 2109	-31.650	-32.060	-31.760	-31.550	-19
	3	2109 to 2110	-26.681	-26.883	-26.244	-25.560	-19
	3	2108 to 2109	-31.030	-31.180	-30.710	-30.560	-19
Upper	0	2180 to 2181	-29.952	-30.561	-29.820	-29.029	-19
	0	2181 to 2182	-28.970	-28.580	-28.290	-28.450	-19
	1	2180 to 2181	-29.473	-29.661	-29.284	-29.176	-19
	1	2181 to 2182	-28.840	-28.670	-28.270	-28.320	-19
	2	2180 to 2181	-29.830	-30.930	-30.224	-29.435	-19
	2	2181 to 2182	-29.670	-29.620	-30.010	-29.680	-19
	3	2180 to 2181	-29.570	-30.189	-29.787	-29.030	-19
	3	2181 to 2182	-28.530	-28.260	-27.910	-28.300	-19

**Table 7-34. Band Edge Emission Summary Data (B2\_20M+5M\_Non-Contiguous)**

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)	Page 171 of 515	

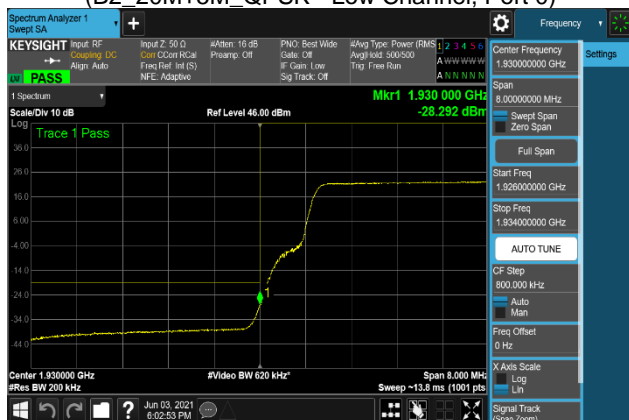
- B2\_20M+5M\_Contiguous



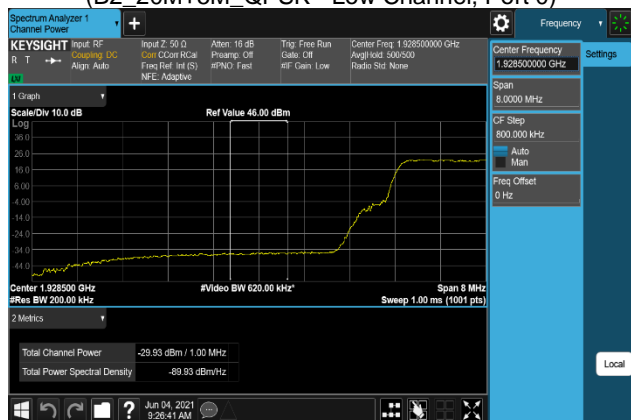
Plot 7-773. Band Edge Emission Plot (B2\_20M+5M\_QPSK - Low Channel, Port 0)



Plot 7-774. Band Edge Emission(Channel Power) Plot (B2\_20M+5M\_QPSK - Low Channel, Port 0)



Plot 7-775. Band Edge Emission Plot (B2\_20M+5M\_QPSK - Low Channel, Port 0)



Plot 7-776. Band Edge Emission(Channel Power) Plot (B2\_20M+5M\_QPSK - Low Channel, Port 0)



Plot 7-777. Band Edge Emission Plot (B2\_20M+5M\_16QAM - Low Channel, Port 0)

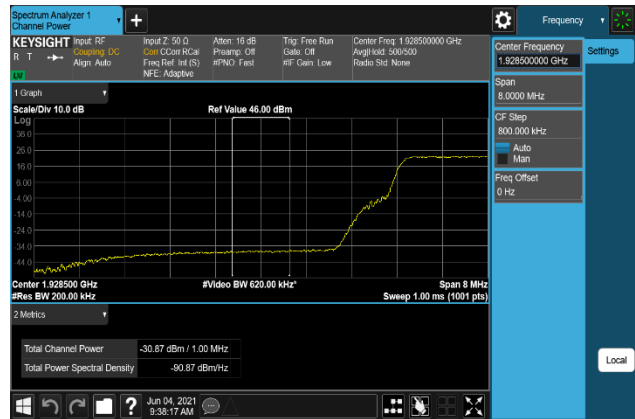


Plot 7-778. Band Edge Emission(Channel Power) Plot (B2\_20M+5M\_16QAM - Low Channel, Port 0)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)		Page 172 of 515



Plot 7-779. Band Edge Emission Plot (B2\_20M+5M\_256QAM - Low Channel, Port 0)



Plot 7-780. Band Edge Emission(Channel Power) Plot (B2\_20M+5M\_256QAM - Low Channel, Port 0)



Plot 7-781. Band Edge Emission Plot (B2\_20M+5M\_QPSK - Low Channel, Port 1)



Plot 7-782. Band Edge Emission(Channel Power) Plot (B2\_20M+5M\_QPSK - Low Channel, Port 1)



Plot 7-783. Band Edge Emission Plot (B2\_20M+5M\_16QAM - Low Channel, Port 1)



Plot 7-784. Band Edge Emission(Channel Power) Plot (B2\_20M+5M\_16QAM - Low Channel, Port 1)

FCC ID: A3LRF4402D-D1A		<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 8K21053101R1.A3L	<b>Test Dates:</b> 06/01/2021-06/15/2021	<b>EUT Type:</b> RRU(RF4402d)		Page 173 of 515