



Channel	Port	Measured Range (MHz)	Max. Value (dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Low	0	2109 to 2110	-23.53	-23.00	-22.36	-24.31	-19.02
	0	2108 to 2109	-38.02	-34.23	-36.25	-35.99	
	1	2109 to 2110	-22.69	-24.64	-22.25	-24.04	
	1	2108 to 2109	-36.19	-34.13	-36.85	-35.88	
	2	2109 to 2110	-24.05	-25.92	-24.94	-23.39	
	2	2108 to 2109	-39.71	-37.18	-39.63	-40.12	
	3	2109 to 2110	-23.37	-24.15	-24.00	-23.96	
	3	2108 to 2109	-42.09	-39.13	-41.49	-40.54	
High	0	2180 to 2181	-20.77	-21.85	-22.86	-21.72	
	0	2181 to 2182	-24.57	-25.41	-20.86	-21.02	
	1	2180 to 2181	-20.16	-21.87	-22.23	-21.82	
	1	2181 to 2182	-24.46	-25.13	-23.30	-21.97	
	2	2180 to 2181	-20.38	-21.46	-20.24	-21.70	
	2	2181 to 2182	-26.12	-25.21	-25.47	-25.05	
	3	2180 to 2181	-21.63	-20.58	-20.35	-21.49	
	3	2181 to 2182	-25.70	-24.60	-25.68	-21.36	

Table 8-86. Band Edge Emission Summary Data (AWS_NR_1C_5M)

Channel	Port	Measured Range (MHz)	Max. Value (dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Low	0	2109 to 2110	-22.34	-21.29	-23.20	-21.78	-19.02
	0	2108 to 2109	-37.13	-33.86	-35.87	-35.98	
	1	2109 to 2110	-21.53	-21.43	-22.58	-23.90	
	1	2108 to 2109	-35.48	-35.97	-35.15	-36.81	
	2	2109 to 2110	-23.90	-23.13	-22.85	-23.68	
	2	2108 to 2109	-38.24	-40.08	-38.23	-38.71	
	3	2109 to 2110	-21.26	-23.93	-23.25	-22.46	
	3	2108 to 2109	-39.02	-39.91	-41.16	-40.56	
High	0	2180 to 2181	-20.85	-22.99	-20.81	-20.77	
	0	2181 to 2182	-25.20	-22.69	-24.82	-24.63	
	1	2180 to 2181	-20.53	-21.90	-20.62	-20.61	
	1	2181 to 2182	-24.52	-23.95	-24.43	-23.03	
	2	2180 to 2181	-20.50	-23.01	-21.86	-21.45	
	2	2181 to 2182	-25.50	-25.27	-23.61	-20.64	
	3	2180 to 2181	-21.47	-21.68	-21.75	-21.75	
	3	2181 to 2182	-25.45	-25.77	-25.64	-23.27	

Table 8-87. Band Edge Emission Summary Data (AWS_NR_1C_10M)



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 131 of 225

Channel	Port	Measured Range (MHz)	Max. Value (dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Low	0	2109 to 2110	-30.68	-30.67	-31.79	-31.16	-19.02
	0	2108 to 2109	-37.02	-35.10	-39.33	-37.94	
	1	2109 to 2110	-32.11	-31.37	-31.61	-31.28	
	1	2108 to 2109	-36.77	-39.40	-38.61	-37.91	
	2	2109 to 2110	-32.43	-30.70	-32.36	-32.73	
	2	2108 to 2109	-35.21	-39.96	-40.94	-41.88	
	3	2109 to 2110	-30.82	-31.96	-31.50	-31.17	
	3	2108 to 2109	-42.04	-42.47	-41.82	-42.05	
High	0	2180 to 2181	-28.19	-28.34	-28.65	-27.86	
	0	2181 to 2182	-23.41	-24.91	-26.14	-26.00	
	1	2180 to 2181	-27.20	-26.97	-27.72	-27.19	
	1	2181 to 2182	-26.91	-25.91	-26.52	-26.94	
	2	2180 to 2181	-28.55	-27.86	-28.06	-26.84	
	2	2181 to 2182	-25.73	-25.85	-26.35	-25.50	
	3	2180 to 2181	-28.37	-27.47	-27.91	-28.33	
	3	2181 to 2182	-28.28	-25.85	-27.47	-28.18	

Table 8-88. Band Edge Emission Summary Data (AWS_NR_1C_15M)



Channel	Port	Measured Range (MHz)	Max. Value (dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Low	0	2109 to 2110	-31.95	-32.80	-34.61	-33.04	-19.02
	0	2108 to 2109	-39.07	-36.63	-39.88	-38.75	
	1	2109 to 2110	-32.61	-33.49	-34.27	-33.61	
	1	2108 to 2109	-38.37	-39.87	-40.58	-39.83	
	2	2109 to 2110	-35.55	-34.33	-35.66	-34.39	
	2	2108 to 2109	-38.90	-42.74	-40.84	-42.71	
	3	2109 to 2110	-34.29	-35.70	-34.12	-35.59	
	3	2108 to 2109	-42.52	-43.19	-41.96	-43.08	
High	0	2180 to 2181	-30.72	-30.66	-31.52	-30.81	
	0	2181 to 2182	-24.56	-24.33	-25.61	-26.36	
	1	2180 to 2181	-30.91	-30.34	-30.89	-29.18	
	1	2181 to 2182	-26.58	-27.88	-27.17	-25.62	
	2	2180 to 2181	-31.24	-29.83	-30.04	-30.98	
	2	2181 to 2182	-22.27	-26.15	-26.06	-26.57	
	3	2180 to 2181	-31.92	-31.66	-32.53	-31.69	
	3	2181 to 2182	-28.99	-29.08	-28.53	-28.50	

Table 8-89. Band Edge Emission Summary Data (AWS_NR_1C_20M)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 132 of 225



Channel	Ratio	Port	Measured Range (MHz)	Max. Value (dBm)				Limit (dBm)
				QPSK	16QAM	64QAM	256QAM	
Low	LTE: 9 NR: 1	0	2109 to 2110	-28.46	-28.36	-28.52	-27.46	-19.02
		0	2108 to 2109	-38.29	-38.28	-40.02	-31.51	
		1	2109 to 2110	-28.86	-28.14	-29.55	-27.29	
		1	2108 to 2109	-37.71	-38.11	-38.56	-37.59	
		2	2109 to 2110	-28.85	-28.68	-28.44	-29.29	
		2	2108 to 2109	-41.26	-41.03	-41.48	-41.47	
		3	2109 to 2110	-28.65	-28.57	-28.78	-29.60	
		3	2108 to 2109	-41.82	-41.78	-42.33	-41.04	
High	LTE: 9 NR: 1	0	2180 to 2181	-24.16	-24.37	-24.80	-24.22	
		0	2181 to 2182	-22.36	-24.26	-24.93	-23.52	
		1	2180 to 2181	-24.32	-24.76	-24.54	-23.48	
		1	2181 to 2182	-24.63	-25.29	-24.16	-24.16	
		2	2180 to 2181	-25.00	-24.19	-24.74	-24.23	
		2	2181 to 2182	-26.01	-26.21	-25.45	-23.68	
		3	2180 to 2181	-23.66	-25.37	-25.46	-24.52	
		3	2181 to 2182	-23.08	-25.98	-25.54	-25.21	
Low	LTE: 5 NR: 5	0	2109 to 2110	-26.83	-28.43	-27.64	-27.11	
		0	2108 to 2109	-38.24	-34.59	-35.39	-36.44	
		1	2109 to 2110	-27.32	-28.91	-27.92	-27.63	
		1	2108 to 2109	-37.05	-35.20	-37.39	-36.38	
		2	2109 to 2110	-27.11	-29.39	-28.51	-29.50	
		2	2108 to 2109	-39.06	-37.22	-38.74	-38.86	
		3	2109 to 2110	-26.82	-28.10	-28.18	-27.89	
		3	2108 to 2109	-40.22	-39.66	-40.83	-39.62	
High	LTE: 5 NR: 5	0	2180 to 2181	-21.84	-25.29	-25.66	-24.59	
		0	2181 to 2182	-24.23	-25.39	-23.88	-21.35	
		1	2180 to 2181	-22.61	-23.57	-23.38	-23.38	
		1	2181 to 2182	-24.45	-23.25	-24.17	-24.93	
		2	2180 to 2181	-24.23	-25.33	-23.22	-23.44	
		2	2181 to 2182	-25.02	-26.16	-23.31	-26.36	
		3	2180 to 2181	-26.83	-28.43	-27.64	-27.11	
		3	2181 to 2182	-25.33	-25.84	-22.96	-23.42	
Low	LTE: 2 NR: 8	0	2109 to 2110	-27.66	-26.49	-27.54	-27.12	
		0	2108 to 2109	-37.89	-30.51	-34.34	-37.73	
		1	2109 to 2110	-28.09	-27.30	-27.37	-27.10	
		1	2108 to 2109	-36.97	-36.42	-36.06	-36.81	
		2	2109 to 2110	-28.36	-28.82	-29.18	-28.75	
		2	2108 to 2109	-40.32	-40.70	-37.98	-39.99	
		3	2109 to 2110	-27.13	-27.67	-28.71	-27.54	
		3	2108 to 2109	-41.44	-42.23	-40.38	-41.56	
High	LTE: 2 NR: 8	0	2180 to 2181	-23.68	-25.64	-23.80	-24.18	
		0	2181 to 2182	-24.36	-23.42	-23.67	-23.35	
		1	2180 to 2181	-22.07	-23.80	-22.61	-23.05	
		1	2181 to 2182	-24.36	-23.42	-23.67	-23.35	
		2	2180 to 2181	-24.36	-25.33	-23.51	-23.36	
		2	2181 to 2182	-24.25	-25.40	-22.35	-24.18	
		3	2180 to 2181	-23.77	-24.73	-23.99	-22.90	
		3	2181 to 2182	-24.46	-25.75	-24.56	-25.01	

Table 8-90. Band Edge Emission Summary Data (AWS_DSS_1C_10M)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 133 of 225



Channel	Ratio	Port	Measured Range (MHz)	Max. Value (dBm)				Limit (dBm)
				QPSK	16QAM	64QAM	256QAM	
Low	LTE: 9 NR: 1	0	2109 to 2110	-32.62	-33.75	-33.22	-33.49	-19.02
		0	2108 to 2109	-38.08	-40.30	-39.01	-39.83	
		1	2109 to 2110	-32.87	-33.15	-32.95	-33.86	
		1	2108 to 2109	-36.90	-39.64	-39.32	-39.42	
		2	2109 to 2110	-34.29	-36.00	-35.22	-34.92	
		2	2108 to 2109	-40.63	-41.63	-43.57	-42.25	
		3	2109 to 2110	-33.91	-34.61	-33.84	-33.30	
		3	2108 to 2109	-42.52	-41.55	-43.37	-39.51	
High	LTE: 9 NR: 1	0	2180 to 2181	-29.26	-29.88	-30.06	-29.57	
		0	2181 to 2182	-24.32	-24.48	-26.16	-26.53	
		1	2180 to 2181	-29.27	-29.81	-29.30	-29.83	
		1	2181 to 2182	-27.18	-26.67	-26.69	-21.68	
		2	2180 to 2181	-31.62	-29.92	-30.49	-31.32	
		2	2181 to 2182	-28.13	-27.13	-26.70	-26.58	
		3	2180 to 2181	-30.32	-30.30	-29.14	-30.92	
		3	2181 to 2182	-27.69	-27.97	-27.83	-27.68	
Low	LTE: 5 NR: 5	0	2109 to 2110	-32.17	-32.82	-32.01	-33.90	
		0	2108 to 2109	-38.67	-38.68	-40.50	-39.39	
		1	2109 to 2110	-32.55	-33.10	-32.51	-32.75	
		1	2108 to 2109	-39.01	-37.31	-39.42	-38.68	
		2	2109 to 2110	-34.55	-34.10	-34.95	-34.52	
		2	2108 to 2109	-41.80	-41.47	-41.85	-42.37	
		3	2109 to 2110	-32.33	-32.40	-32.67	-32.77	
		3	2108 to 2109	-42.72	-37.87	-42.38	-38.44	
High	LTE: 5 NR: 5	0	2180 to 2181	-31.12	-29.55	-29.14	-29.87	
		0	2181 to 2182	-25.19	-25.67	-25.59	-26.76	
		1	2180 to 2181	-29.03	-28.93	-27.20	-28.44	
		1	2181 to 2182	-22.76	-23.84	-26.46	-26.31	
		2	2180 to 2181	-29.38	-30.43	-29.47	-29.81	
		2	2181 to 2182	-27.49	-26.48	-28.10	-27.69	
		3	2180 to 2181	-30.52	-28.88	-28.33	-29.92	
		3	2181 to 2182	-28.27	-27.26	-27.48	-27.34	
Low	LTE: 2 NR: 8	0	2109 to 2110	-32.33	-31.56	-32.05	-30.58	
		0	2108 to 2109	-38.24	-37.72	-35.94	-39.46	
		1	2109 to 2110	-32.22	-32.62	-31.81	-32.39	
		1	2108 to 2109	-37.15	-38.00	-37.06	-38.08	
		2	2109 to 2110	-33.07	-33.54	-33.24	-33.00	
		2	2108 to 2109	-37.35	-37.53	-41.28	-38.53	
		3	2109 to 2110	-31.94	-31.77	-32.29	-33.71	
		3	2108 to 2109	-40.65	-41.50	-41.32	-42.13	
High	LTE: 2 NR: 8	0	2180 to 2181	-28.45	-28.29	-28.20	-27.68	
		0	2181 to 2182	-26.19	-21.53	-23.59	-24.82	
		1	2180 to 2181	-28.03	-28.26	-26.71	-27.60	
		1	2181 to 2182	-26.51	-24.32	-25.38	-26.95	
		2	2180 to 2181	-28.35	-27.96	-28.24	-29.34	
		2	2181 to 2182	-28.05	-23.69	-25.50	-27.73	
		3	2180 to 2181	-28.39	-28.14	-27.81	-28.64	
		3	2181 to 2182	-28.33	-27.00	-26.61	-28.30	

Table 8-91. Band Edge Emission Summary Data (AWS_DSS_1C_15M)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 134 of 225



Channel	Ratio	Port	Measured Range (MHz)	Max. Value (dBm)				Limit (dBm)
				QPSK	16QAM	64QAM	256QAM	
Low	LTE: 9 NR: 1	0	2109 to 2110	-35.24	-36.87	-35.39	-36.01	-19.02
		0	2108 to 2109	-40.83	-40.30	-38.82	-39.73	
		1	2109 to 2110	-34.79	-36.92	-35.71	-36.72	
		1	2108 to 2109	-37.60	-40.57	-39.77	-36.92	
		2	2109 to 2110	-39.03	-37.97	-36.95	-38.17	
		2	2108 to 2109	-43.52	-42.55	-43.21	-42.78	
		3	2109 to 2110	-36.71	-35.49	-36.89	-35.76	
		3	2108 to 2109	-42.29	-42.17	-43.33	-43.04	
High		0	2180 to 2181	-30.92	-32.60	-31.29	-32.00	
		0	2181 to 2182	-22.26	-26.18	-25.48	-25.38	
		1	2180 to 2181	-32.10	-32.55	-31.65	-31.44	
		1	2181 to 2182	-28.17	-27.57	-26.10	-26.53	
		2	2180 to 2181	-31.99	-33.69	-33.42	-33.37	
		2	2181 to 2182	-25.29	-28.58	-23.50	-27.52	
		3	2180 to 2181	-33.63	-32.59	-32.54	-32.96	
		3	2181 to 2182	-27.26	-29.16	-29.16	-29.26	
Low	LTE: 5 NR: 5	0	2109 to 2110	-35.00	-33.79	-35.33	-34.81	
		0	2108 to 2109	-40.70	-38.83	-40.06	-39.56	
		1	2109 to 2110	-34.68	-34.71	-35.11	-34.15	
		1	2108 to 2109	-38.70	-37.60	-40.63	-35.10	
		2	2109 to 2110	-35.61	-37.09	-36.79	-35.41	
		2	2108 to 2109	-42.76	-43.49	-43.49	-41.29	
		3	2109 to 2110	-35.13	-35.65	-35.13	-33.61	
		3	2108 to 2109	-42.62	-40.33	-43.01	-41.40	
High		0	2180 to 2181	-29.56	-32.50	-32.07	-31.28	
		0	2181 to 2182	-21.52	-26.59	-27.05	-26.30	
		1	2180 to 2181	-31.70	-32.10	-31.73	-30.49	
		1	2181 to 2182	-24.87	-27.74	-27.86	-27.21	
		2	2180 to 2181	-31.40	-32.55	-32.17	-32.25	
		2	2181 to 2182	-28.15	-29.07	-28.89	-28.79	
		3	2180 to 2181	-30.52	-28.88	-28.33	-29.92	
		3	2181 to 2182	-27.94	-29.30	-29.23	-28.95	
Low	LTE: 2 NR: 8	0	2109 to 2110	-33.80	-33.47	-34.19	-32.42	
		0	2108 to 2109	-41.21	-38.71	-39.59	-40.13	
		1	2109 to 2110	-35.21	-33.78	-33.77	-32.88	
		1	2108 to 2109	-40.61	-39.95	-38.92	-38.26	
		2	2109 to 2110	-35.84	-35.96	-35.13	-35.90	
		2	2108 to 2109	-42.18	-42.40	-43.25	-40.38	
		3	2109 to 2110	-34.91	-35.43	-33.83	-34.65	
		3	2108 to 2109	-43.07	-43.17	-42.96	-42.58	
High		0	2180 to 2181	-31.71	-31.10	-30.29	-31.08	
		0	2181 to 2182	-25.72	-26.45	-25.90	-25.93	
		1	2180 to 2181	-31.80	-31.13	-30.43	-30.63	
		1	2181 to 2182	-27.47	-27.96	-27.62	-27.57	
		2	2180 to 2181	-32.10	-33.00	-30.71	-31.57	
		2	2181 to 2182	-27.92	-28.56	-26.50	-28.84	
		3	2180 to 2181	-31.88	-31.66	-32.33	-32.37	
		3	2181 to 2182	-28.64	-29.53	-27.20	-29.48	

Table 8-92. Band Edge Emission Summary Data (AWS_DSS_1C_20M)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)			Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 135 of 225	



Channel	Configuration	Measured Range (MHz)	Max. Value (dBm)	Limit (dBm)
			QPSK	
Low	NR_2C_5M + 5M	2109 to 2110	-26.40	-19.02
		2108 to 2109	-36.22	
	NR_1C_5M + LTE_1C_5M	2109 to 2110	-26.39	
		2108 to 2109	-36.78	
	DSS_1C_10M + NR_1C_5M	2109 to 2110	-30.94	
		2108 to 2109	-27.64	
	DSS_2C_10M + 10M	2109 to 2110	-32.90	
		2108 to 2109	-36.49	
	DSS_1C_10M + NR_1C_5M + LTE_1C_5M	2109 to 2110	-31.06	
		2108 to 2109	-38.43	
	DSS_1C_15M + LTE_1C_5M	2109 to 2110	-34.16	
		2108 to 2109	-40.94	
	NR_2C_15M + 20M	2109 to 2110	-22.41	
		2108 to 2109	-39.23	
	DSS_2C_15M + 20M	2109 to 2110	-37.91	
		2108 to 2109	-35.81	
DSS_1C_20M + NR_1C_15M	2109 to 2110	-39.30		
	2108 to 2109	-36.12		
DSS_1C_10M + NR_1C_20M + LTE_1C_5M	2109 to 2110	-28.33		
	2108 to 2109	-37.74		
NR_2C_10M + 20M + LTE_1C_5M	2109 to 2110	-31.42		
	2108 to 2109	-38.46		
DSS_2C_10M + 20M + LTE_1C_5M	2109 to 2110	-32.75		
	2108 to 2109	-40.65		
High	NR_2C_5M + 5M	2180 to 2181	-21.16	
		2181 to 2182	-22.54	
	NR_1C_5M + LTE_1C_5M	2180 to 2181	-23.29	
		2181 to 2182	-23.57	
	DSS_1C_10M + NR_1C_5M	2180 to 2181	-26.11	
		2181 to 2182	-24.53	
	DSS_2C_10M + 10M	2180 to 2181	-29.70	
		2181 to 2182	-25.10	
	DSS_1C_10M + NR_1C_5M + LTE_1C_5M	2180 to 2181	-27.68	
		2181 to 2182	-25.82	
	DSS_1C_15M + LTE_1C_5M	2180 to 2181	-30.01	
		2181 to 2182	-25.41	
	NR_2C_15M + 20M	2180 to 2181	-23.29	
		2181 to 2182	-26.60	
	DSS_2C_15M + 20M	2180 to 2181	-40.58	
		2181 to 2182	-26.23	
DSS_1C_20M + NR_1C_15M	2180 to 2181	-35.67		
	2181 to 2182	-38.54		
DSS_1C_10M + NR_1C_20M + LTE_1C_5M	2180 to 2181	-26.70		
	2181 to 2182	-25.44		
NR_2C_10M + 20M + LTE_1C_5M	2180 to 2181	-27.89		
	2181 to 2182	-26.67		
DSS_2C_10M + 20M + LTE_1C_5M	2180 to 2181	-28.03		
	2181 to 2182	-25.11		

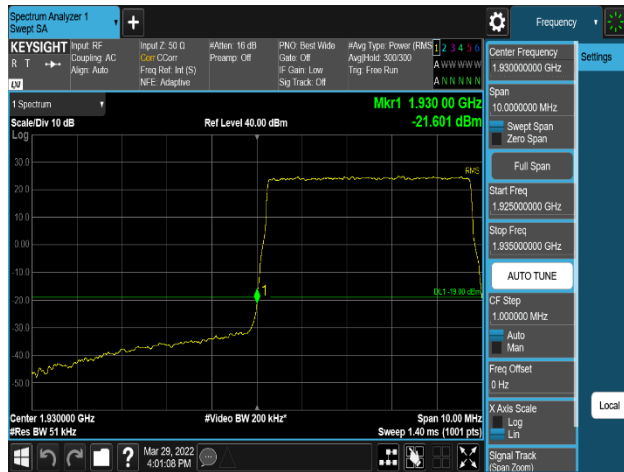
Table 8-93. Band Edge Emission Summary Data (AWS_Contiguous_Multi Carrier)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)	Page 136 of 225	

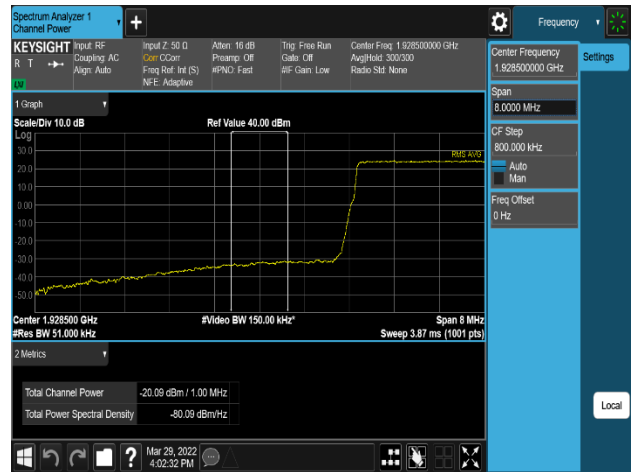
Channel	Configuration	Measured Range (MHz)	Max. Value (dBm)	Limit (dBm)
			QPSK	
Low	NR_2C_5M + 5M	2109 to 2110	-26.90	-19.02
		2108 to 2109	-34.93	
	NR_1C_5M + LTE_1C_5M	2109 to 2110	-25.00	
		2108 to 2109	-34.69	
	DSS_1C_10M + NR_1C_5M	2109 to 2110	-28.13	
		2108 to 2109	-37.77	
	DSS_2C_10M + 10M	2109 to 2110	-30.86	
		2108 to 2109	-40.06	
	DSS_1C_10M + NR_1C_5M + LTE_1C_5M	2109 to 2110	-28.35	
		2108 to 2109	-40.25	
	DSS_1C_15M + LTE_1C_5M	2109 to 2110	-30.26	
		2108 to 2109	-39.42	
	NR_2C_15M + 20M	2109 to 2110	-22.17	
		2108 to 2109	-36.51	
	DSS_2C_15M + 20M	2109 to 2110	-36.48	
		2108 to 2109	-40.30	
	DSS_1C_20M + NR_1C_15M	2109 to 2110	-37.77	
		2108 to 2109	-40.92	
DSS_1C_10M + NR_1C_20M + LTE_1C_5M	2109 to 2110	-30.72		
	2108 to 2109	-38.20		
NR_2C_10M + 20M + LTE_1C_5M	2109 to 2110	-26.26		
	2108 to 2109	-35.55		
DSS_2C_10M + 20M + LTE_1C_5M	2109 to 2110	-30.72		
	2108 to 2109	-26.80		
High	NR_2C_5M + 5M	2180 to 2181	-22.62	
		2181 to 2182	-23.53	
	NR_1C_5M + LTE_1C_5M	2180 to 2181	-22.32	
		2181 to 2182	-22.18	
	DSS_1C_10M + NR_1C_5M	2180 to 2181	-24.20	
		2181 to 2182	-24.49	
	DSS_2C_10M + 10M	2180 to 2181	-28.36	
		2181 to 2182	-24.76	
	DSS_1C_10M + NR_1C_5M + LTE_1C_5M	2180 to 2181	-25.21	
		2181 to 2182	-22.52	
	DSS_1C_15M + LTE_1C_5M	2180 to 2181	-26.77	
		2181 to 2182	-24.18	
	NR_2C_15M + 20M	2180 to 2181	-20.75	
		2181 to 2182	-25.79	
	DSS_2C_15M + 20M	2180 to 2181	-32.85	
		2181 to 2182	-24.86	
	DSS_1C_20M + NR_1C_15M	2180 to 2181	-32.14	
		2181 to 2182	-26.11	
DSS_1C_10M + NR_1C_20M + LTE_1C_5M	2180 to 2181	-26.80		
	2181 to 2182	-25.50		
NR_2C_10M + 20M + LTE_1C_5M	2180 to 2181	-28.57		
	2181 to 2182	-27.60		
DSS_2C_10M + 20M + LTE_1C_5M	2180 to 2181	-38.20		
	2181 to 2182	-25.50		

Table 8-94. Band Edge Emission Summary Data (AWS_Non-Contiguous_Multi Carrier)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 137 of 225



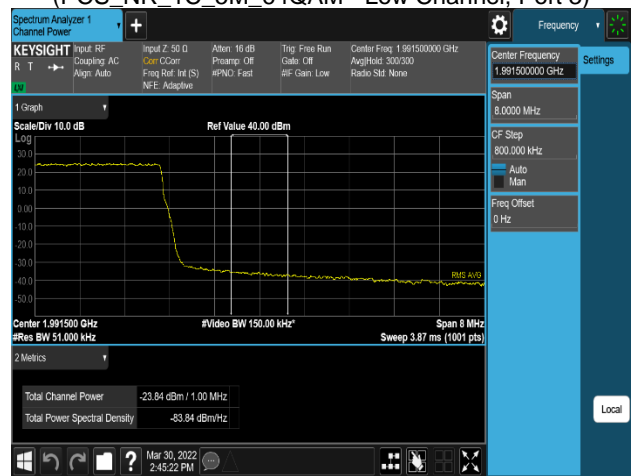
Plot 8-220. Band Edge Emission Plot
(PCS_NR_1C_5M_64QAM - Low Channel, Port 3)



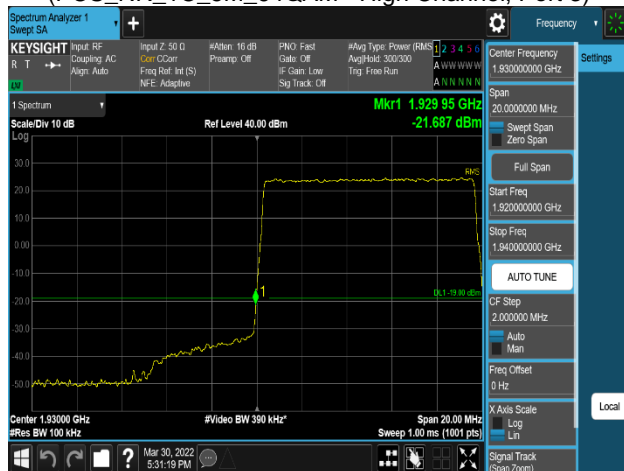
Plot 8-221. Band Edge Emission Plot
(PCS_NR_1C_5M_64QAM - Low Channel, Port 3)



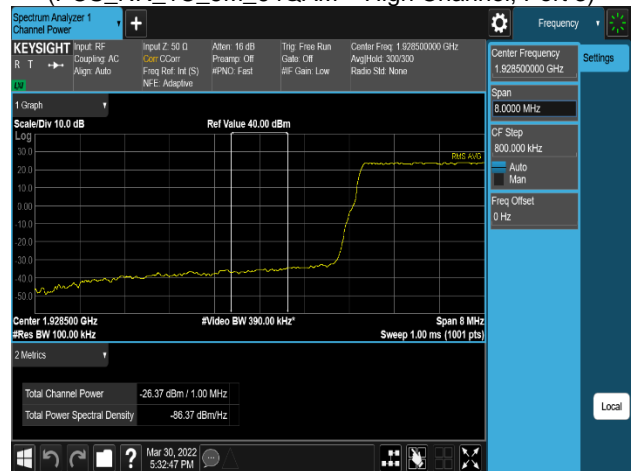
Plot 8-222. Band Edge Emission Plot
(PCS_NR_1C_5M_64QAM - High Channel, Port 3)



Plot 8-223. Band Edge Emission Plot
(PCS_NR_1C_5M_64QAM - High Channel, Port 3)

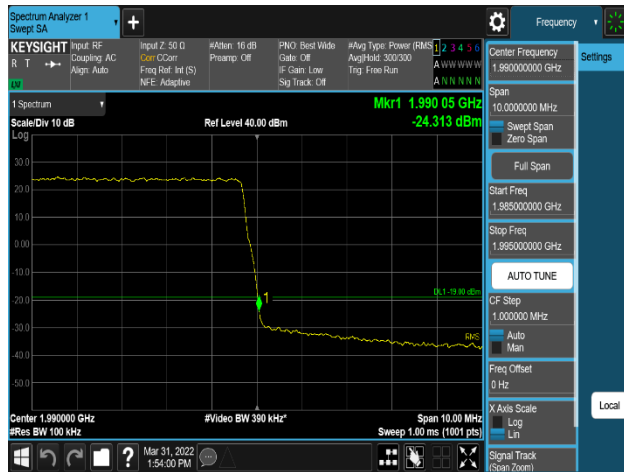


Plot 8-224. Band Edge Emission Plot
(PCS_NR_1C_10M_64QAM - Low Channel, Port 0)



Plot 8-225. Band Edge Emission Plot
(PCS_NR_1C_10M_64QAM - Low Channel, Port 0)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 138 of 225



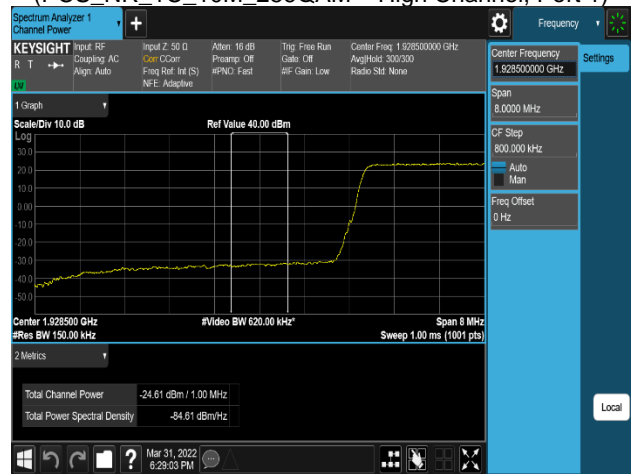
Plot 8-226. Band Edge Emission Plot
(PCS_NR_1C_10M_256QAM - High Channel, Port 1)



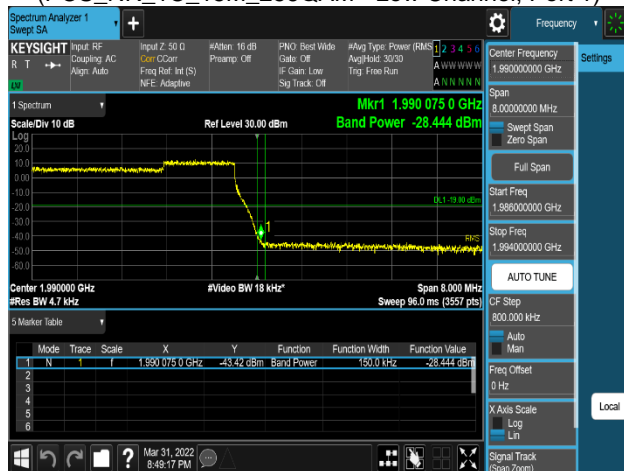
Plot 8-227. Band Edge Emission Plot
(PCS_NR_1C_10M_256QAM - High Channel, Port 1)



Plot 8-228. Band Edge Emission Plot
(PCS_NR_1C_15M_256QAM - Low Channel, Port 1)



Plot 8-229. Band Edge Emission Plot
(PCS_NR_1C_15M_256QAM - Low Channel, Port 1)

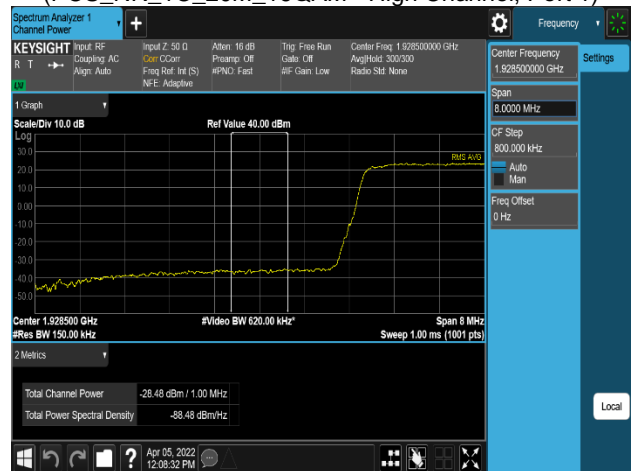
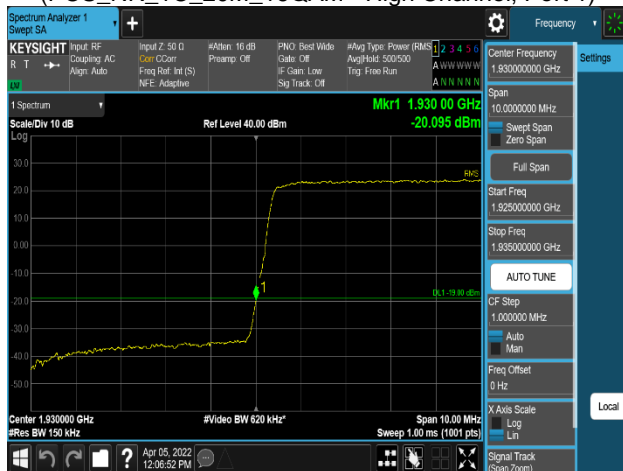
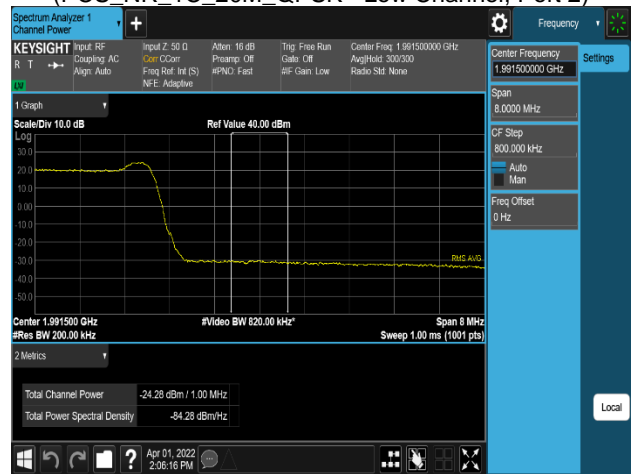
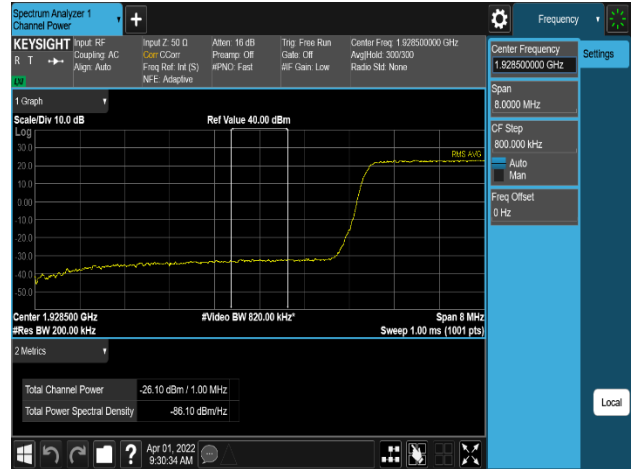
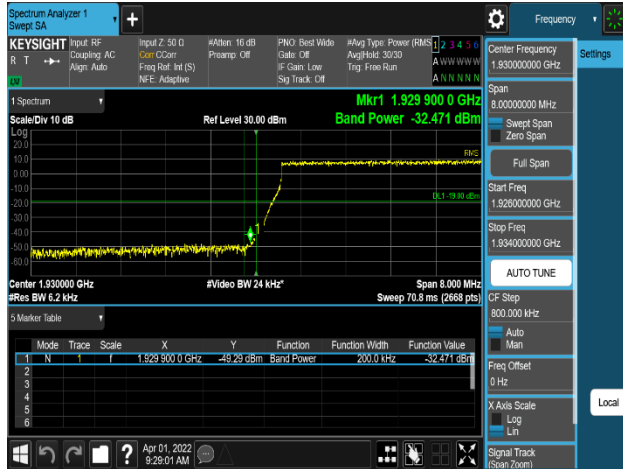


Plot 8-230. Band Edge Emission Plot
(PCS_NR_1C_15M_16QAM - High Channel, Port 1)



Plot 8-231. Band Edge Emission Plot
(PCS_NR_1C_15M_16QAM - High Channel, Port 1)

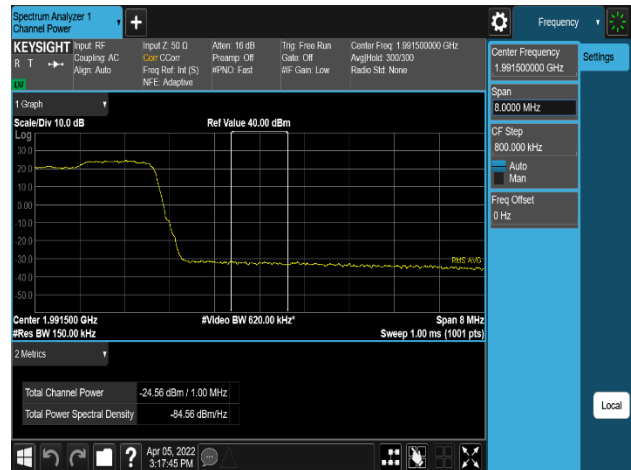
FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 139 of 225



FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 140 of 225



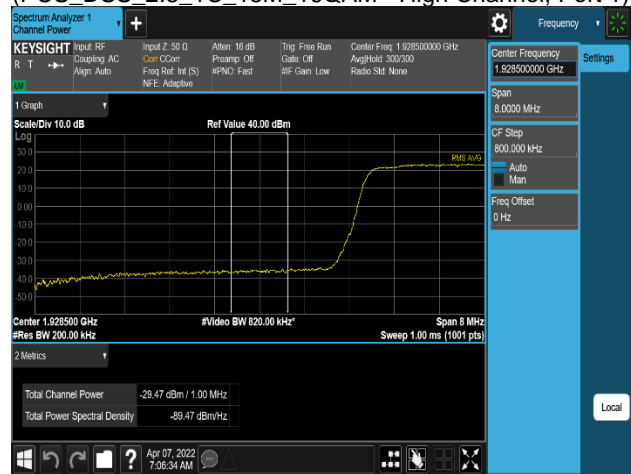
Plot 8-238. Band Edge Emission Plot
(PCS_DSS_2:8_1C_15M_16QAM - High Channel, Port 1)



Plot 8-239. Band Edge Emission Plot
(PCS_DSS_2:8_1C_15M_16QAM - High Channel, Port 1)



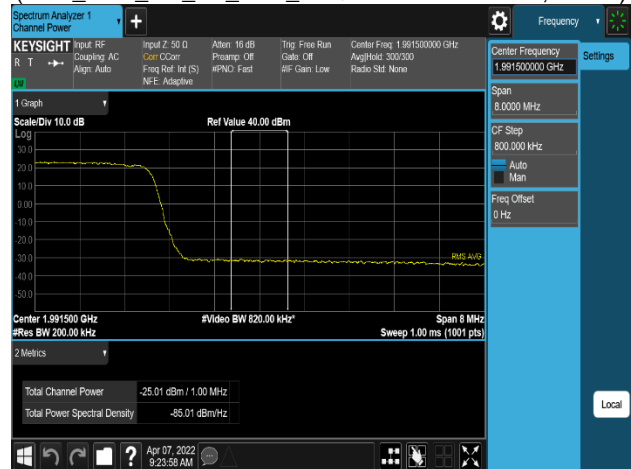
Plot 8-240. Band Edge Emission Plot
(PCS_DSS_2:8_1C_20M_64QAM - Low Channel, Port 3)



Plot 8-241. Band Edge Emission Plot
(PCS_DSS_2:8_1C_20M_64QAM - Low Channel, Port 3)

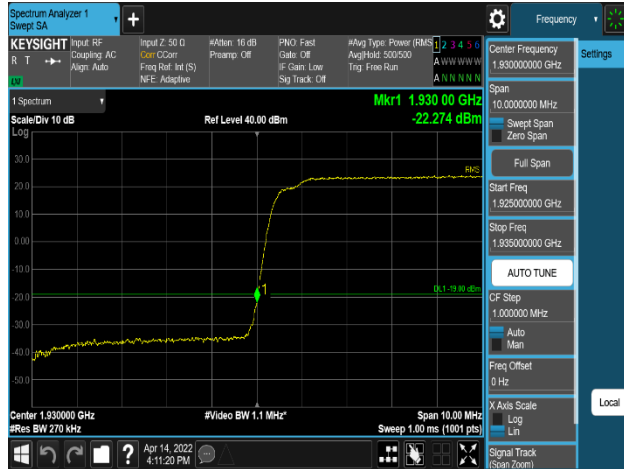


Plot 8-242. Band Edge Emission Plot
(PCS_DSS_2:8_1C_20M_QPSK - High Channel, Port 1)

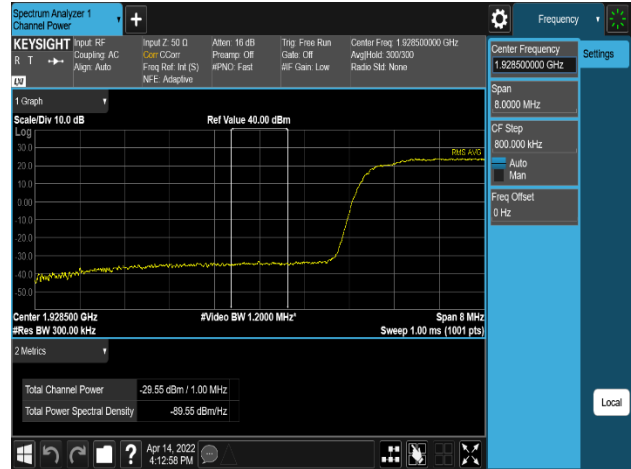


Plot 8-243. Band Edge Emission Plot
(PCS_DSS_2:8_1C_20M_QPSK - High Channel, Port 1)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 141 of 225



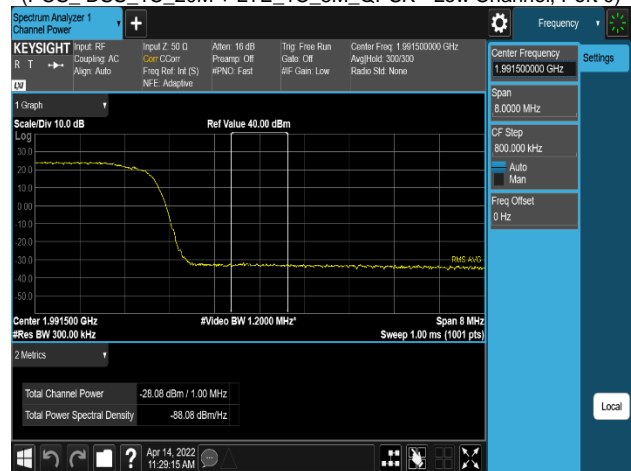
Plot 8-244. Band Edge Emission Plot
(PCS_DSS_1C_20M + LTE_1C_5M_QPSK - Low Channel, Port 0)



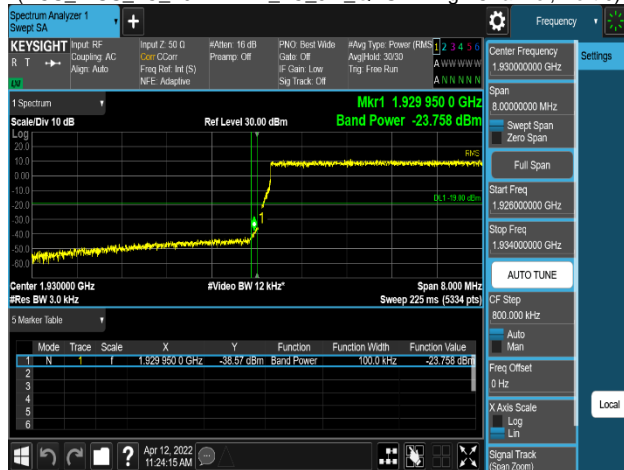
Plot 8-245. Band Edge Emission Plot
(PCS_DSS_1C_20M + LTE_1C_5M_QPSK - Low Channel, Port 0)



Plot 8-246. Band Edge Emission Plot
(PCS_DSS_1C_20M + LTE_1C_5M_QPSK - High Channel, Port 0)



Plot 8-247. Band Edge Emission Plot
(PCS_DSS_1C_20M + LTE_1C_5M_QPSK - High Channel, Port 0)

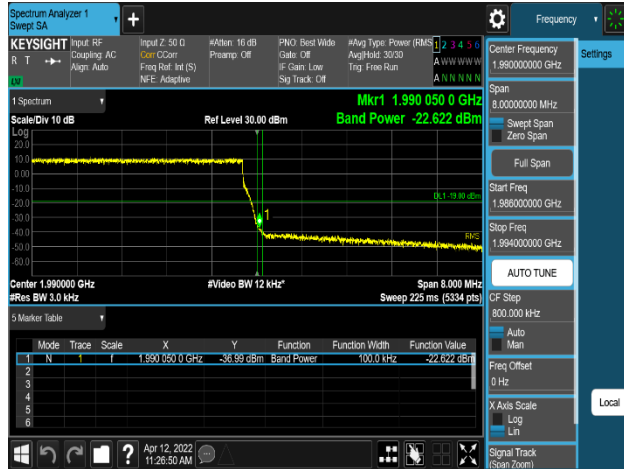


Plot 8-248. Band Edge Emission Plot
(PCS_NR_2C_5M+5M_Non-Cont_QPSK - Low Channel, Port 0)

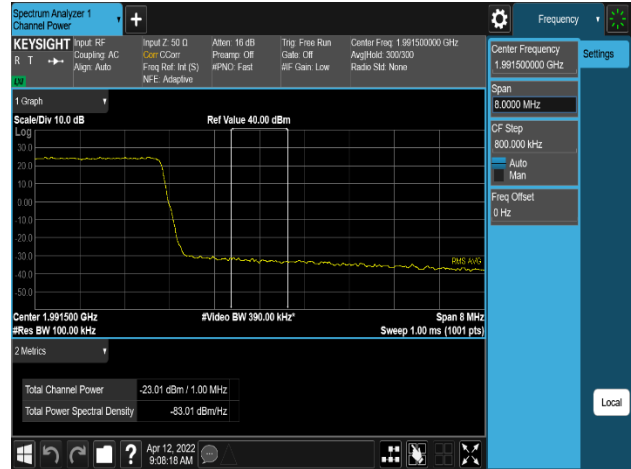


Plot 8-249. Band Edge Emission Plot
(PCS_NR_2C_5M+5M_Non-Cont_QPSK - Low Channel, Port 0)

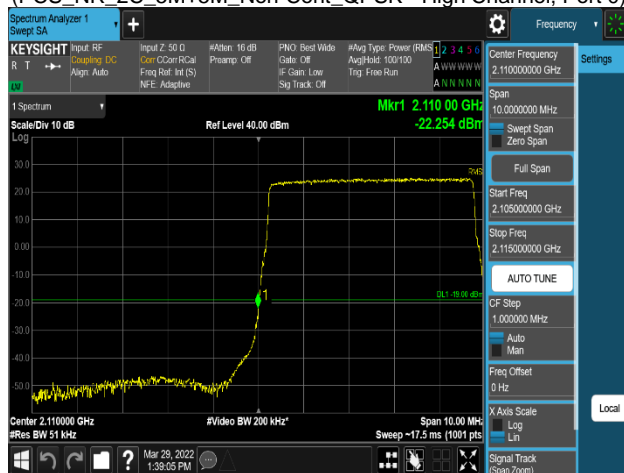
FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 142 of 225



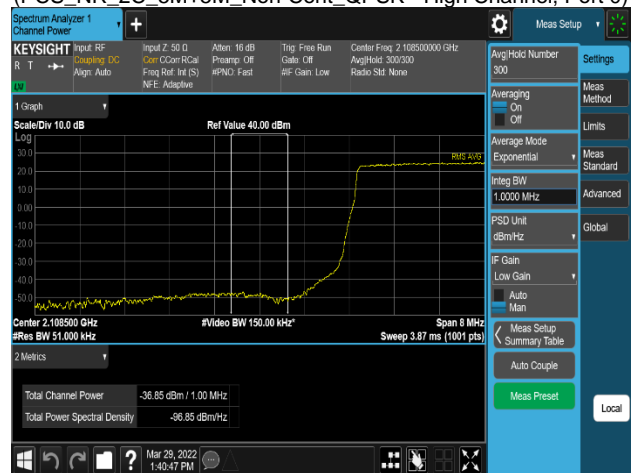
Plot 8-250. Band Edge Emission Plot
(PCS_NR_2C_5M+5M_Non-Cont_QPSK - High Channel, Port 0)



Plot 8-251. Band Edge Emission Plot
(PCS_NR_2C_5M+5M_Non-Cont_QPSK - High Channel, Port 0)



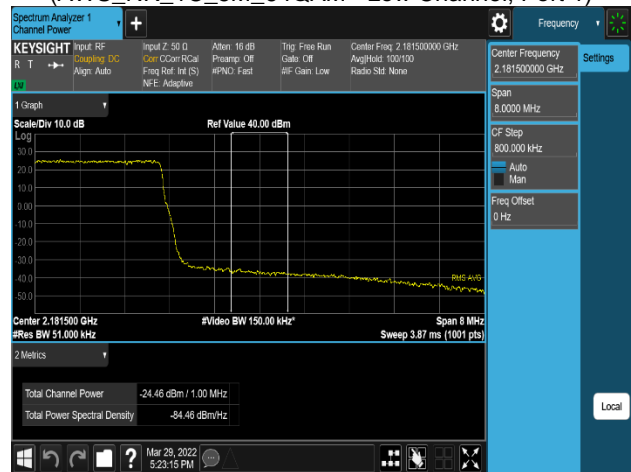
Plot 8-252. Band Edge Emission Plot
(AWS_NR_1C_5M_64QAM - Low Channel, Port 1)





Plot 8-253. Band Edge Emission Plot
(AWS_NR_1C_5M_64QAM - Low Channel, Port 1)

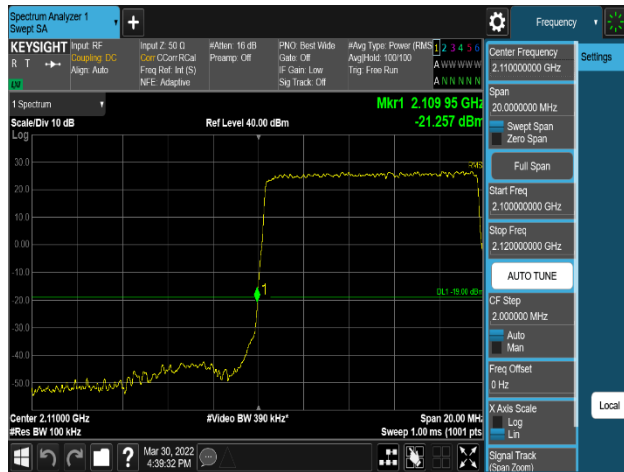


Plot 8-254. Band Edge Emission Plot
(AWS_NR_1C_5M_QPSK - High Channel, Port 0)

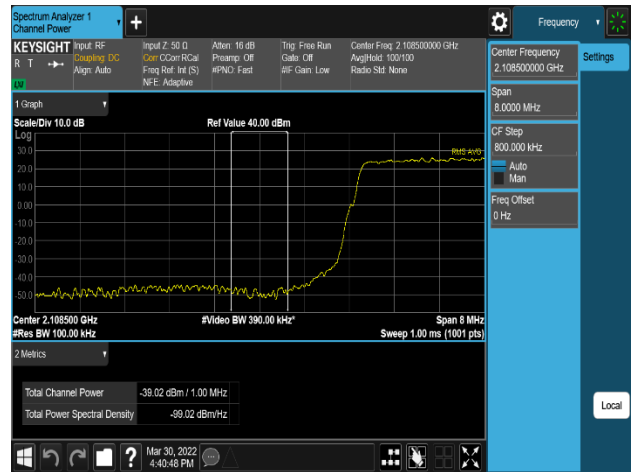


Plot 8-255. Band Edge Emission Plot
(AWS_NR_1C_5M_QPSK - High Channel, Port 0)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 143 of 225



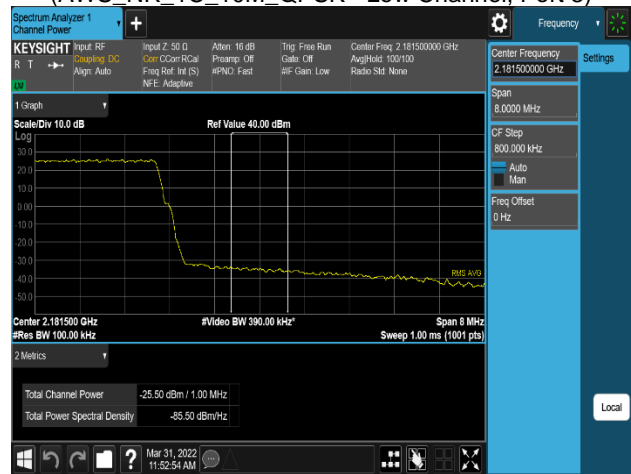
Plot 8-256. Band Edge Emission Plot
(AWS_NR_1C_10M_QPSK - Low Channel, Port 3)



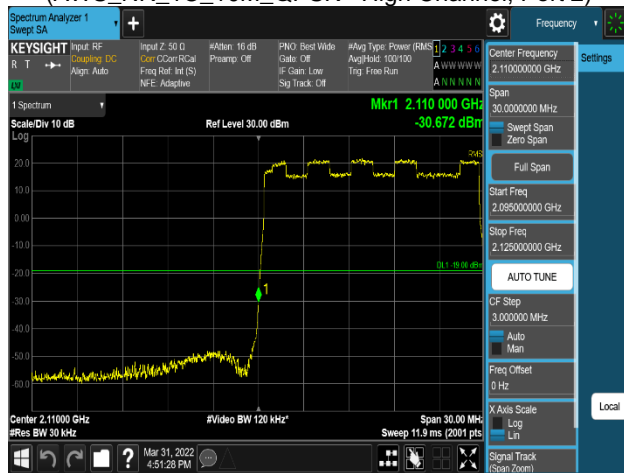
Plot 8-257. Band Edge Emission Plot
(AWS_NR_1C_10M_QPSK - Low Channel, Port 3)



Plot 8-258. Band Edge Emission Plot
(AWS_NR_1C_10M_QPSK - High Channel, Port 2)



Plot 8-259. Band Edge Emission Plot
(AWS_NR_1C_10M_QPSK - High Channel, Port 2)

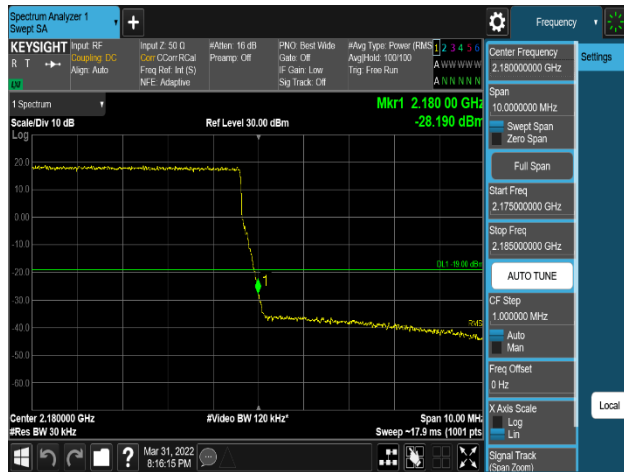


Plot 8-260. Band Edge Emission Plot
(AWS_NR_1C_15M_16QAM - Low Channel, Port 0)

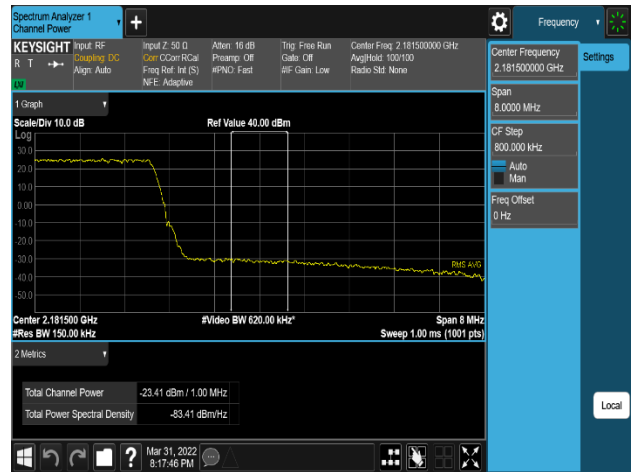


Plot 8-261. Band Edge Emission Plot
(AWS_NR_1C_15M_16QAM - Low Channel, Port 0)

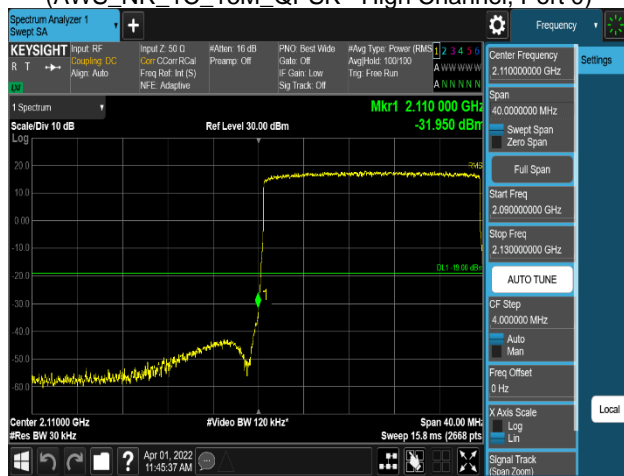
FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 144 of 225



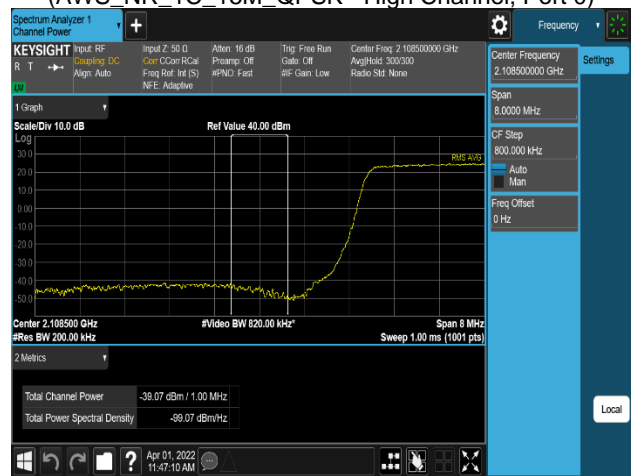
Plot 8-262. Band Edge Emission Plot
(AWS_NR_1C_15M_QPSK - High Channel, Port 0)



Plot 8-263. Band Edge Emission Plot
(AWS_NR_1C_15M_QPSK - High Channel, Port 0)



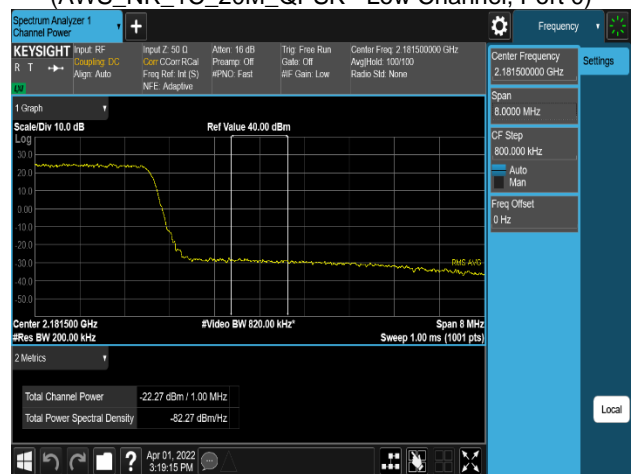
Plot 8-264. Band Edge Emission Plot
(AWS_NR_1C_20M_QPSK - Low Channel, Port 0)



Plot 8-265. Band Edge Emission Plot
(AWS_NR_1C_20M_QPSK - Low Channel, Port 0)



Plot 8-266. Band Edge Emission Plot
(AWS_NR_1C_20M_QPSK - High Channel, Port 2)

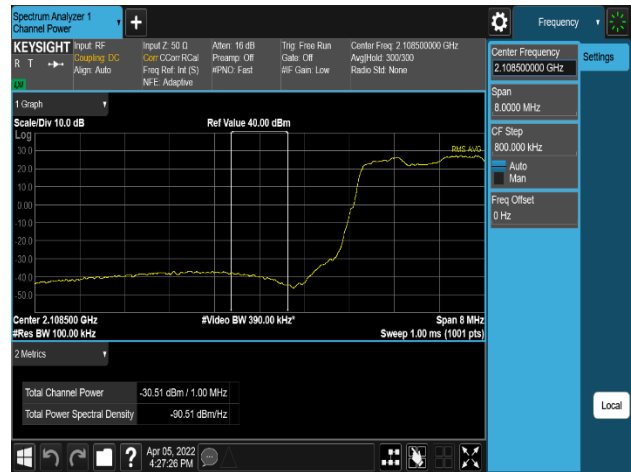


Plot 8-267. Band Edge Emission Plot
(AWS_NR_1C_20M_QPSK - High Channel, Port 2)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 145 of 225



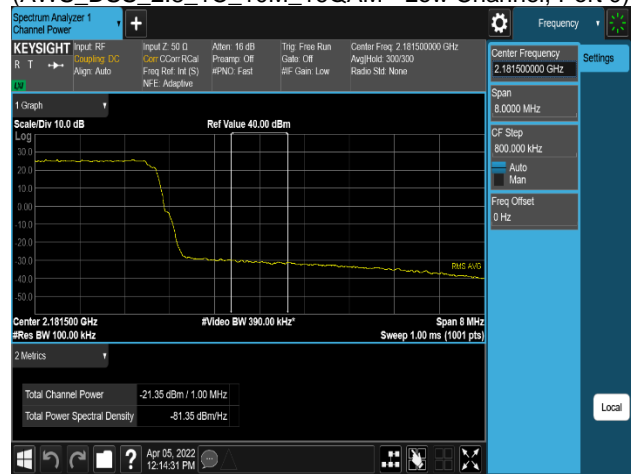
Plot 8-268. Band Edge Emission Plot (AWS_DSS_2:8_1C_10M_16QAM - Low Channel, Port 0)



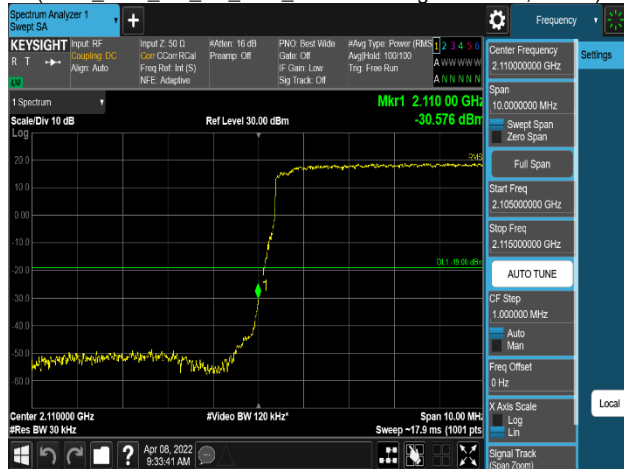
Plot 8-269. Band Edge Emission Plot (AWS_DSS_2:8_1C_10M_16QAM - Low Channel, Port 0)



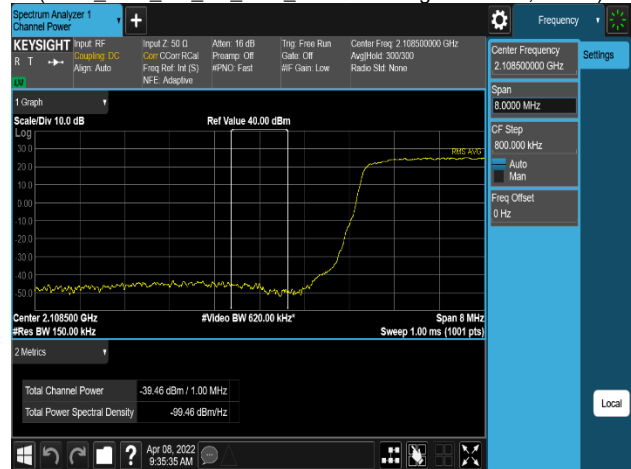
Plot 8-270. Band Edge Emission Plot (AWS_DSS_5:5_1C_10M_256QAM - High Channel, Port 0)



Plot 8-271. Band Edge Emission Plot (AWS_DSS_5:5_1C_10M_256QAM - High Channel, Port 0)



Plot 8-272. Band Edge Emission Plot (AWS_DSS_2:8_1C_15M_256QAM - Low Channel, Port 0)

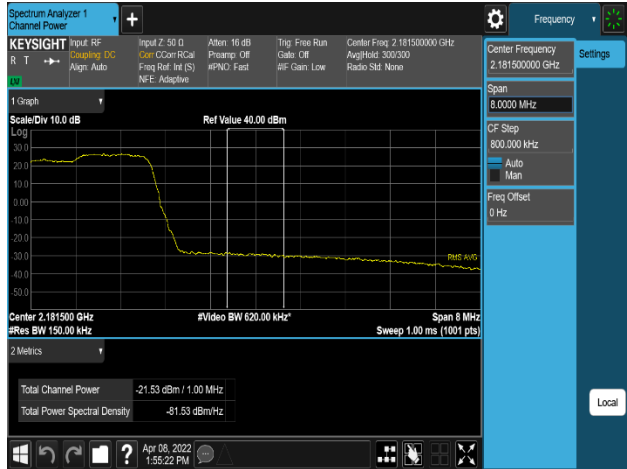


Plot 8-273. Band Edge Emission Plot (AWS_DSS_2:8_1C_15M_256QAM - Low Channel, Port 0)

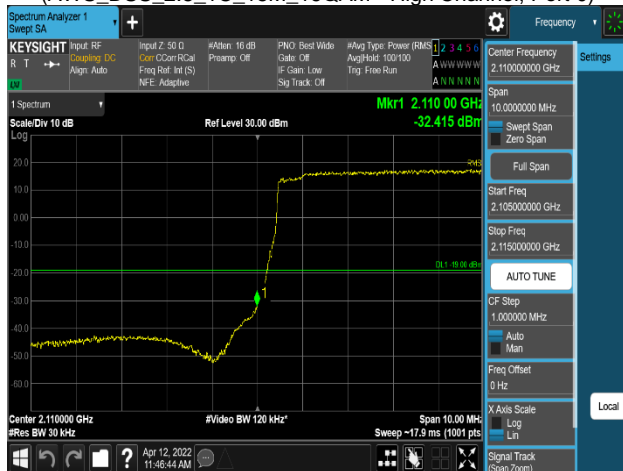
FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22032101-00-R1.A3L	Test Dates: 03/25/2022 - 05/03/2022	EUT Type: RRU(RF4402d)		Page 146 of 225



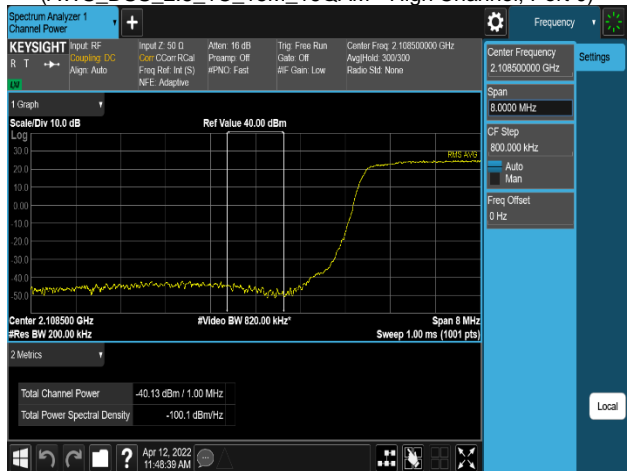
Plot 8-274. Band Edge Emission Plot
(AWS_DSS_2:8_1C_15M_16QAM - High Channel, Port 0)



Plot 8-275. Band Edge Emission Plot
(AWS_DSS_2:8_1C_15M_16QAM - High Channel, Port 0)



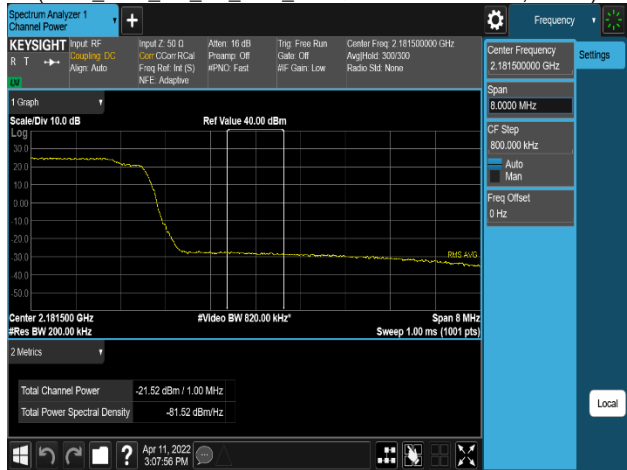
Plot 8-276. Band Edge Emission Plot
(AWS_DSS_2:8_1C_20M_256QAM - Low Channel, Port 0)



Plot 8-277. Band Edge Emission Plot
(AWS_DSS_2:8_1C_20M_256QAM - Low Channel, Port 0)

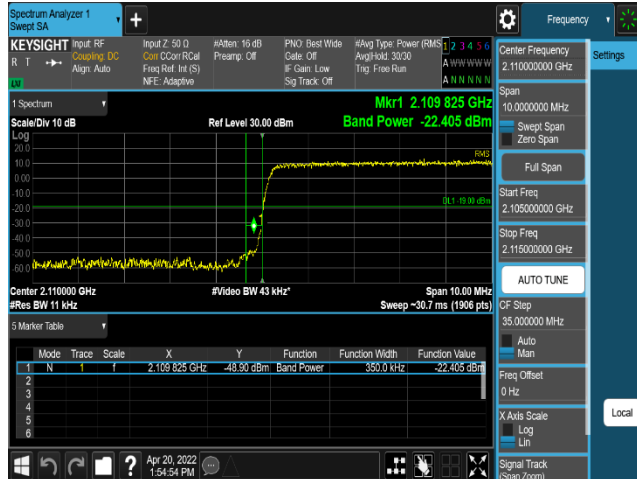


Plot 8-278. Band Edge Emission Plot
(AWS_DSS_5:5_1C_20M_QPSK - High Channel, Port 0)

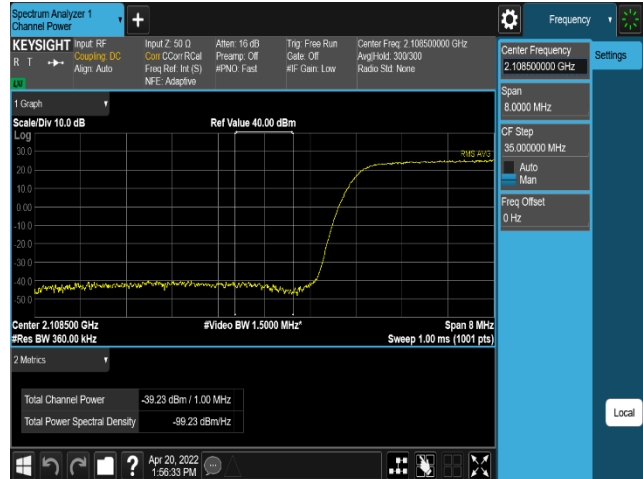


Plot 8-279. Band Edge Emission Plot
(AWS_DSS_5:5_1C_20M_QPSK - High Channel, Port 0)

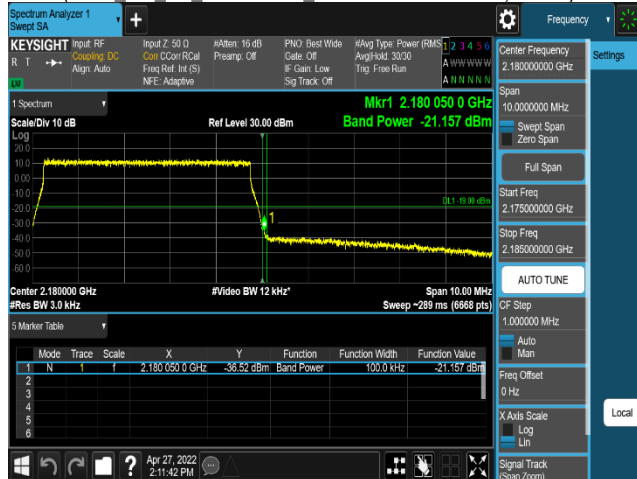
FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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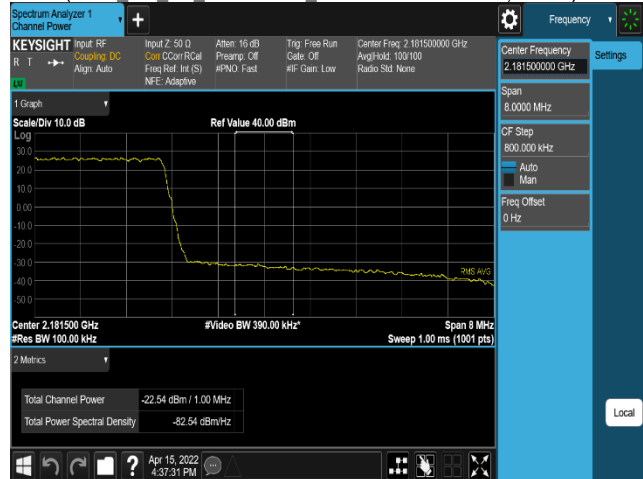
Plot 8-280. Band Edge Emission Plot
(AWS NR 2C 15M + 20M QPSK - Low Channel, Port 0)



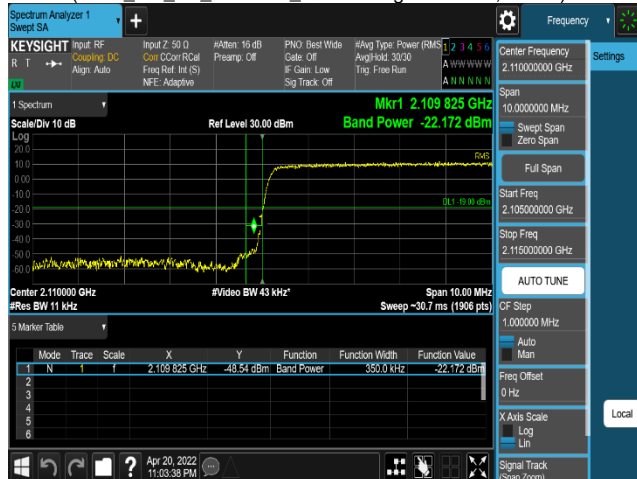
Plot 8-281. Band Edge Emission Plot
(AWS NR 2C 15M + 20M QPSK - Low Channel, Port 0)



Plot 8-282. Band Edge Emission Plot
(AWS NR 2C 5M + 5M QPSK - High Channel, Port 0)



Plot 8-283. Band Edge Emission Plot
(AWS NR 2C 5M + 5M QPSK - High Channel, Port 0)



Plot 8-284. Band Edge Emission Plot
(AWS NR 2C 15M + 20M Non-Cont QPSK - Low Channel, Port 0)



Plot 8-285. Band Edge Emission Plot
(AWS NR 2C 15M + 20M Non-Cont QPSK - Low Channel, Port 0)

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