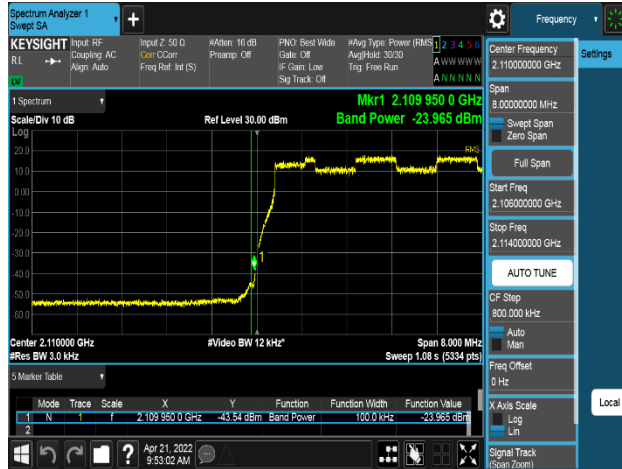
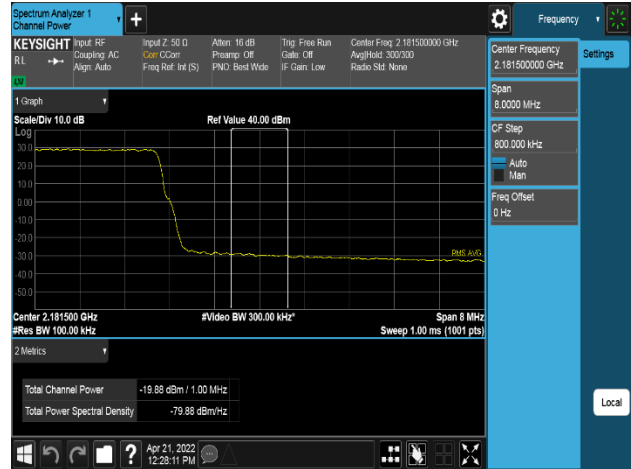
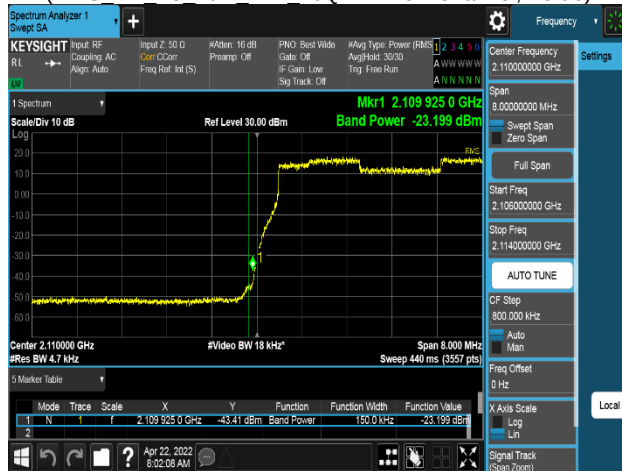




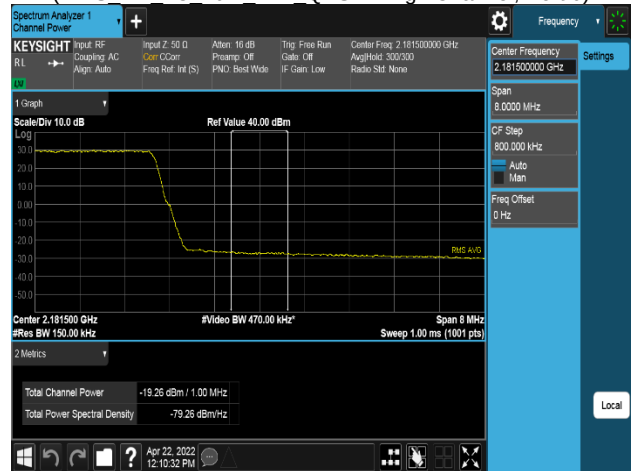
Plot 8-303. Band Edge Emission Plot
(AWS NR 1C 10M 2TX 16QAM - Low Channel, Port 0)



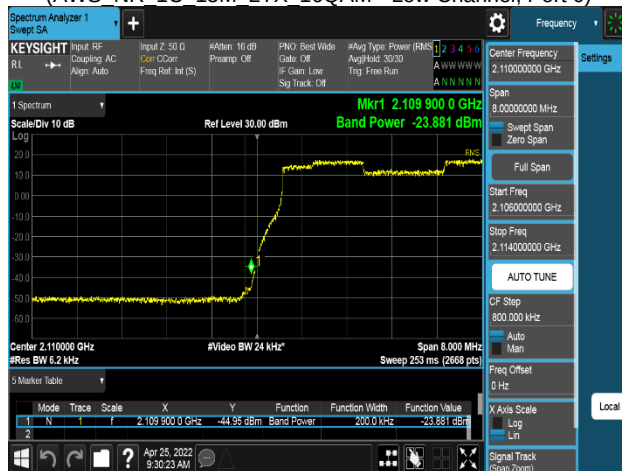
Plot 8-304. Band Edge Emission Plot
(AWS NR 1C 10M 2TX QPSK - High Channel, Port 0)



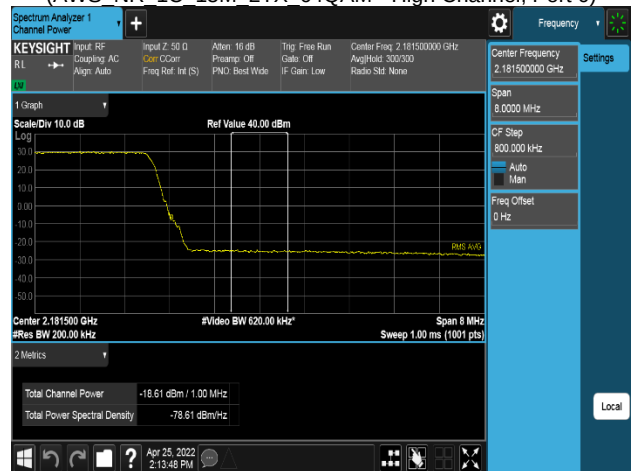
Plot 8-305. Band Edge Emission Plot
(AWS NR 1C 15M 2TX 16QAM - Low Channel, Port 0)



Plot 8-306. Band Edge Emission Plot
(AWS NR 1C 15M 2TX 64QAM - High Channel, Port 0)

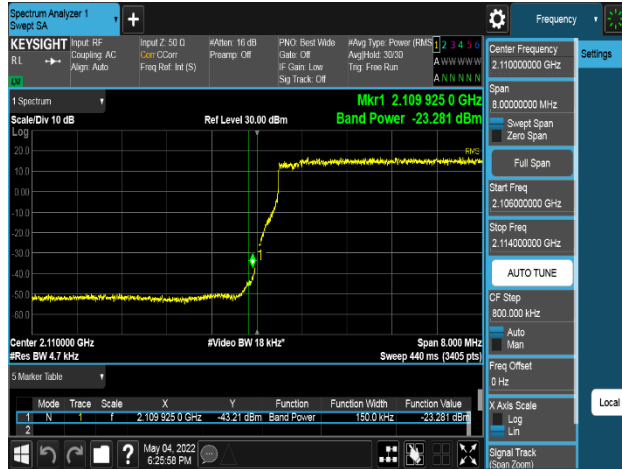


Plot 8-307. Band Edge Emission Plot
(AWS NR 1C 20M 2TX 16QAM - Low Channel, Port 0)



Plot 8-308. Band Edge Emission Plot
(AWS NR 1C 20M 2TX 64QAM - High Channel, Port 0)

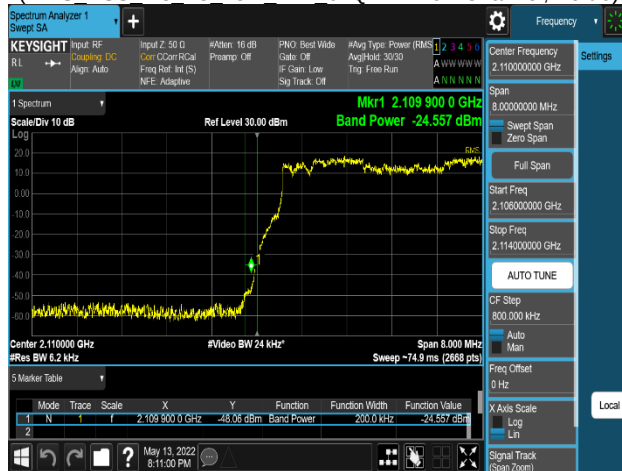
FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 157 of 270



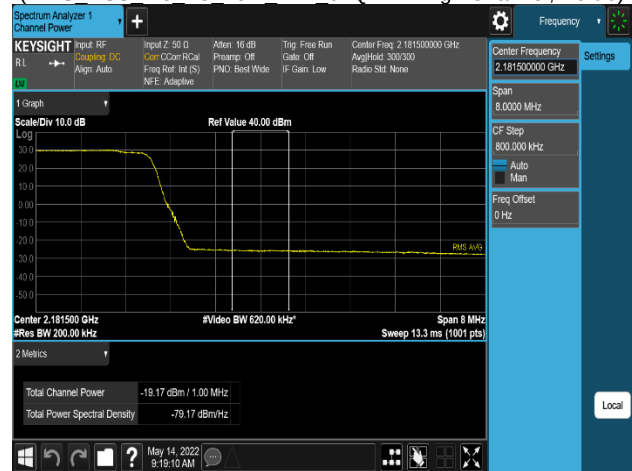
Plot 8-309. Band Edge Emission Plot
(AWS DSS 2:8 1C 15M 2TX 64QAM - Low Channel, Port 0)



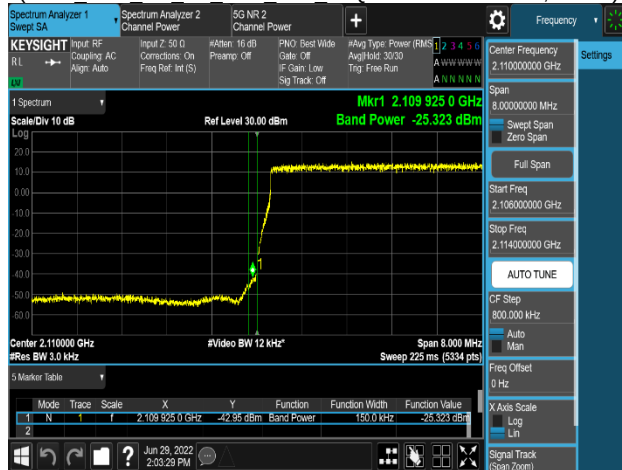
Plot 8-310. Band Edge Emission Plot
(AWS DSS 2:8 1C 15M 2TX 64QAM - High Channel, Port 0)



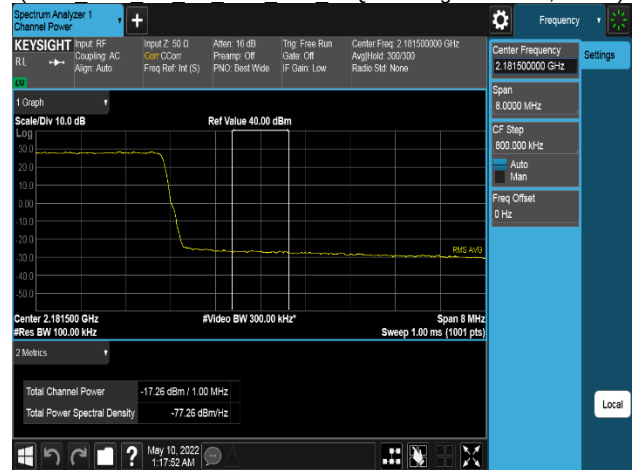
Plot 8-311. Band Edge Emission Plot
(AWS DSS 2:8 1C 20M 2TX 16QAM - Low Channel, Port 0)



Plot 8-312. Band Edge Emission Plot
(AWS DSS 2:8 1C 20M 2TX 64QAM - High Channel, Port 0)

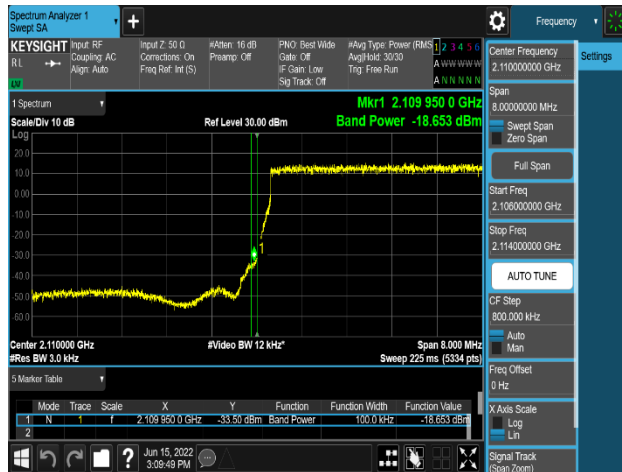


Plot 8-313. Band Edge Emission Plot
(AWS DSS+NR 2C 10M+5M 2TX QPSK - Low Channel, Port 0)

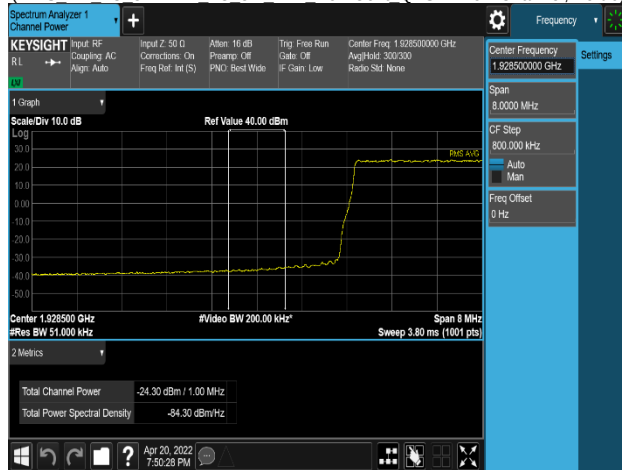


Plot 8-314. Band Edge Emission Plot
(AWS NR 1C 5M+LTE 1C 5M 2TX QPSK - High Channel, Port 0)

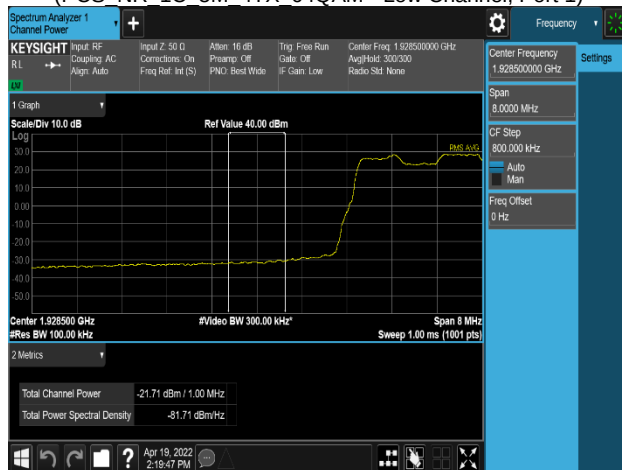
FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 158 of 270



Plot 8-315. Band Edge Emission Plot
(AWS_NR_1C_5M+LTE_1C_5M_2TX Non-Cont QPSK - Low Channel, Port 0)



Plot 8-316. Band Edge Emission Plot
(AWS_DSS_1C_10M+NR_1C_5M_2TX Non-Cont QPSK - High Channel, Port 0)

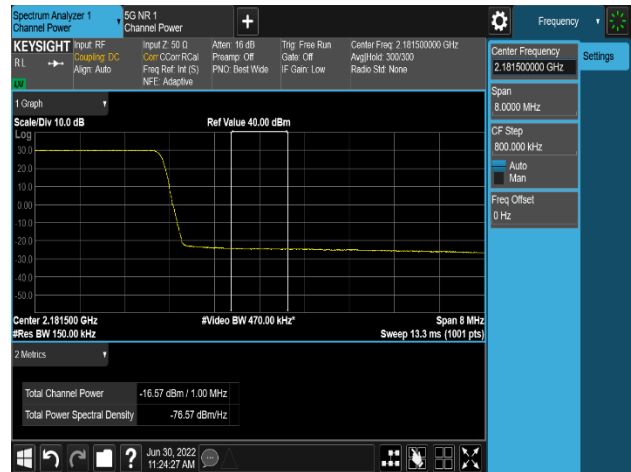


Plot 8-317. Band Edge Emission Plot
(PCS_NR_1C_5M_4TX 64QAM - Low Channel, Port 1)

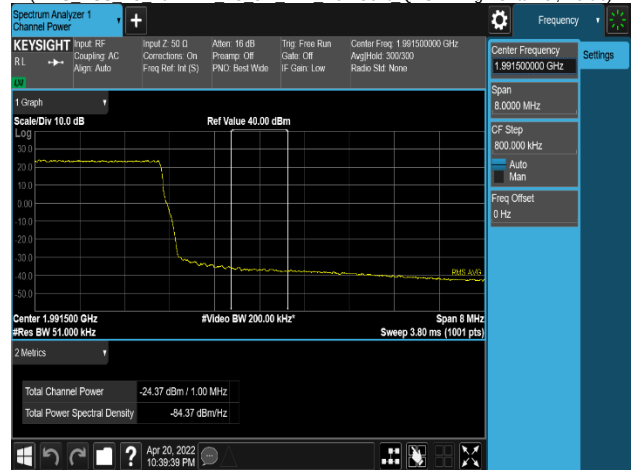
Plot 8-318. Band Edge Emission Plot
(PCS_NR_1C_5M_4TX QPSK - High Channel, Port 3)

Plot 8-319. Band Edge Emission Plot
(PCS_NR_1C_10M_4TX_16QAM - Low Channel, Port 3)

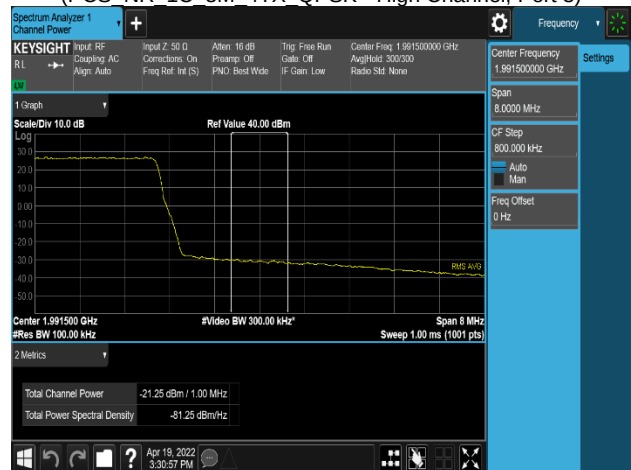
Plot 8-320. Band Edge Emission Plot
(PCS_NR_1C_10M_4TX_256QAM - High Channel, Port 0)



Plot 8-318. Band Edge Emission Plot
(PCS_NR_1C_5M_4TX QPSK - High Channel, Port 3)

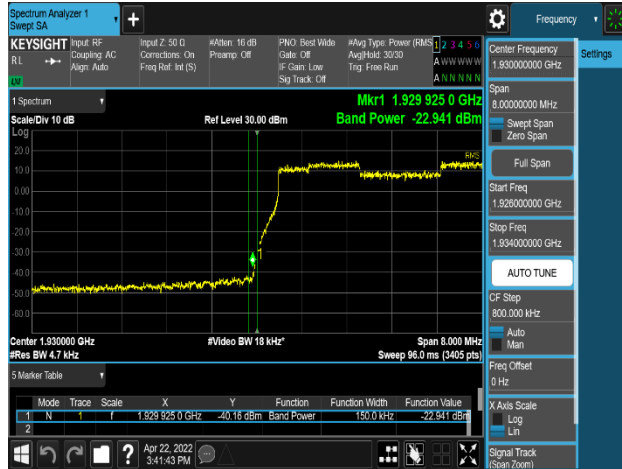


Plot 8-320. Band Edge Emission Plot
(PCS_NR_1C_10M_4TX_256QAM - High Channel, Port 0)

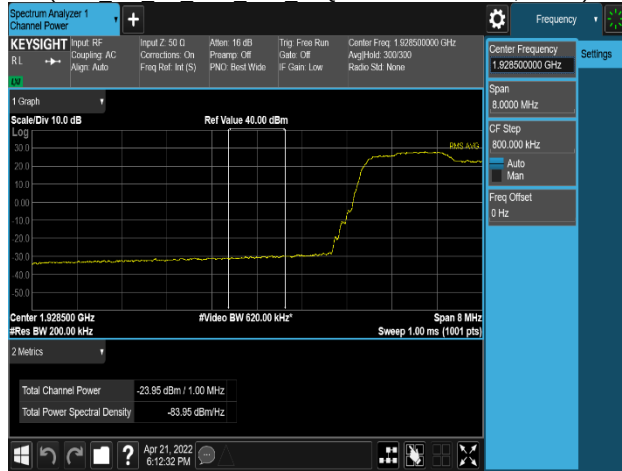


Plot 8-320. Band Edge Emission Plot
(PCS_NR_1C_10M_4TX_256QAM - High Channel, Port 0)

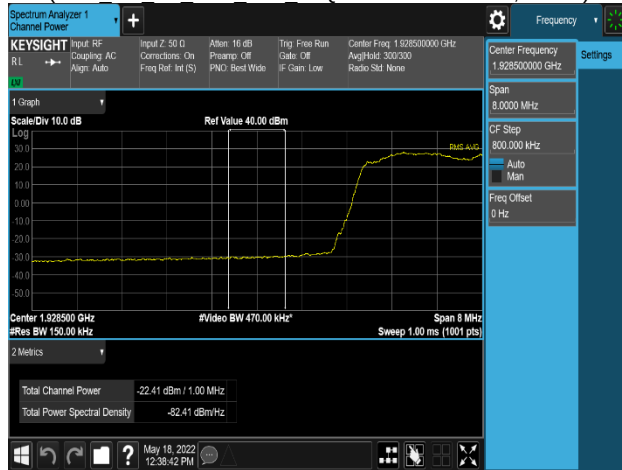
FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 159 of 270



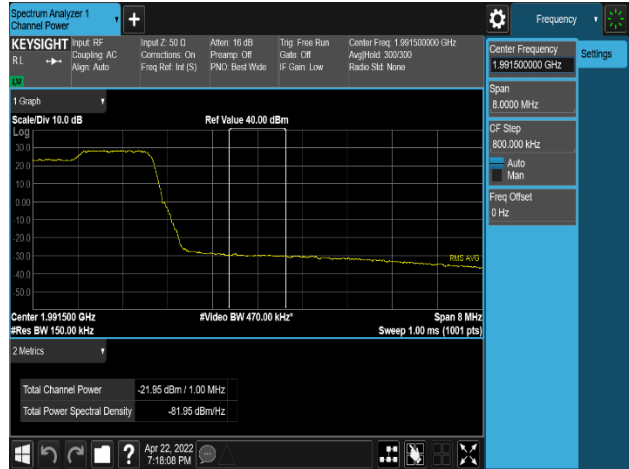
Plot 8-321. Band Edge Emission Plot
(PCS_NR_1C_15M_4TX_16QAM - Low Channel, Port 3)



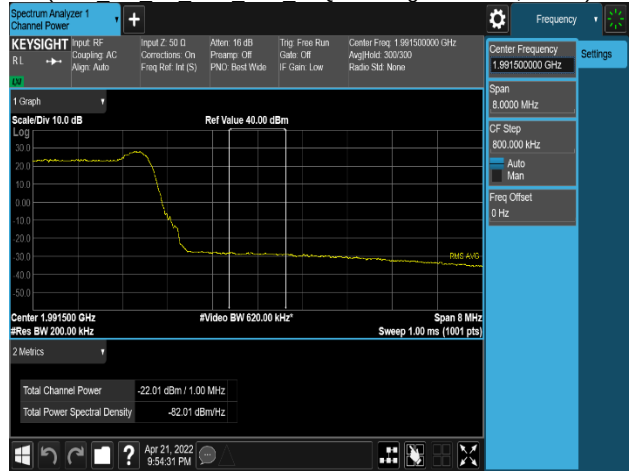
Plot 8-323. Band Edge Emission Plot
(PCS_NR_1C_20M_4TX_16QAM - Low Channel, Port 2)



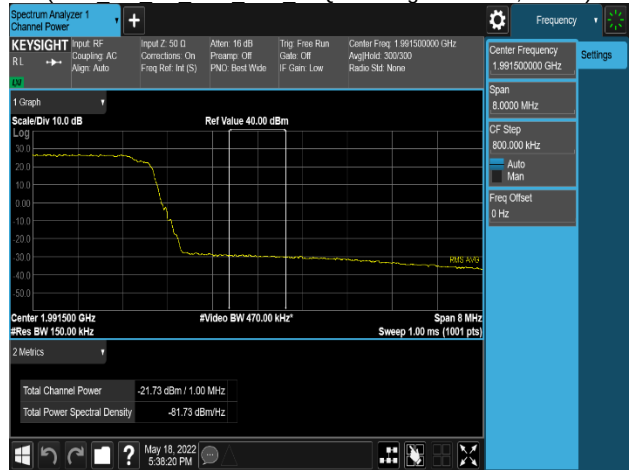
Plot 8-325. Band Edge Emission Plot
(PCS_DSS_5:5_1C_15M_4TX_16QAM - Low Channel, Port 3)



Plot 8-322. Band Edge Emission Plot
(PCS_NR_1C_15M_4TX_16QAM - High Channel, Port 0)

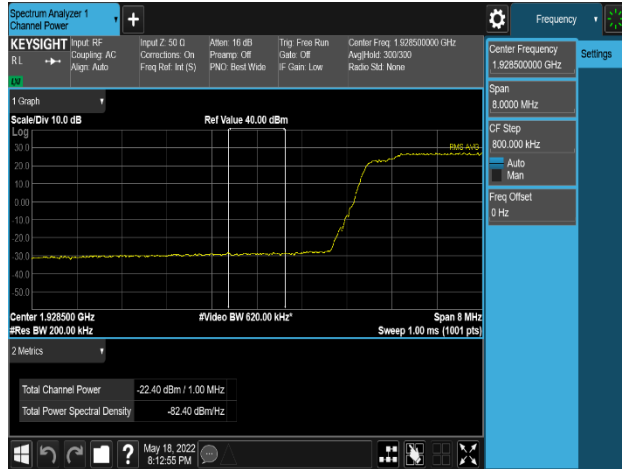


Plot 8-324. Band Edge Emission Plot
(PCS_NR_1C_20M_4TX_16QAM - High Channel, Port 0)

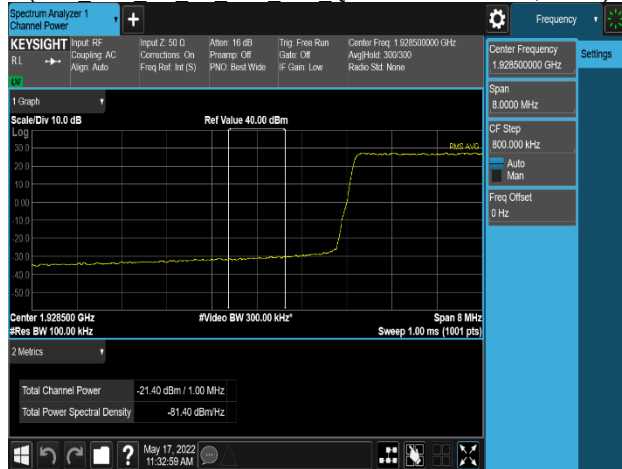


Plot 8-326. Band Edge Emission Plot
(PCS_DSS_5:5_1C_15M_4TX_QPSK - High Channel, Port 0)

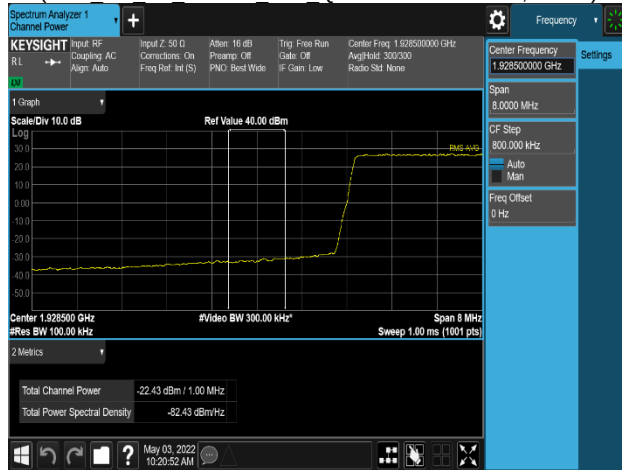
FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 160 of 270



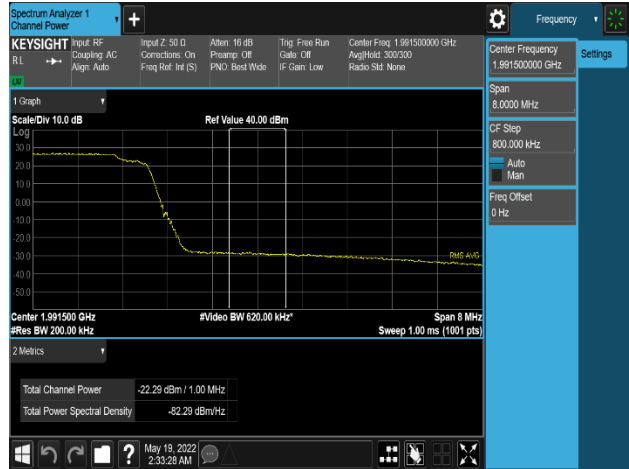
Plot 8-327. Band Edge Emission Plot
(PCS_DSS_5:5_1C_20M_4TX_QPSK - Low Channel, Port 1)



Plot 8-329. Band Edge Emission Plot
(PCS_NR_2C_5M+5M_4TX_QPSK - Low Channel, Port 0)



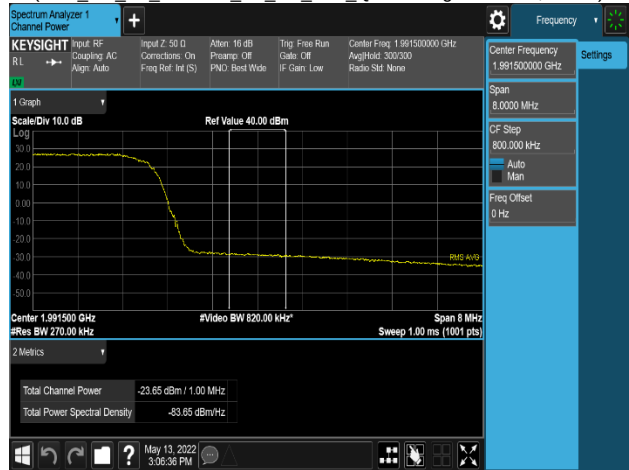
Plot 8-331. Band Edge Emission Plot
(PCS_NR_2C_5M+5M_4TX_Non-Cont_QPSK - Low Channel, Port 0)



Plot 8-328. Band Edge Emission Plot
(PCS_DSS_5:5_1C_20M_4TX_64QAM - High Channel, Port 0)

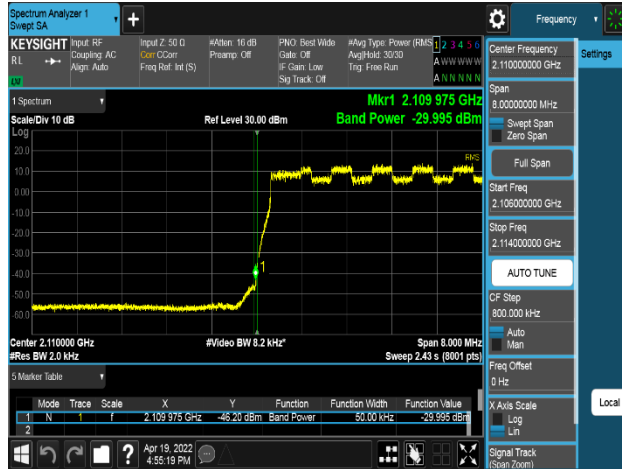


Plot 8-330. Band Edge Emission Plot
(PCS_NR_1C_5M+LTE_1C_5M_4TX_QPSK - High Channel, Port 0)

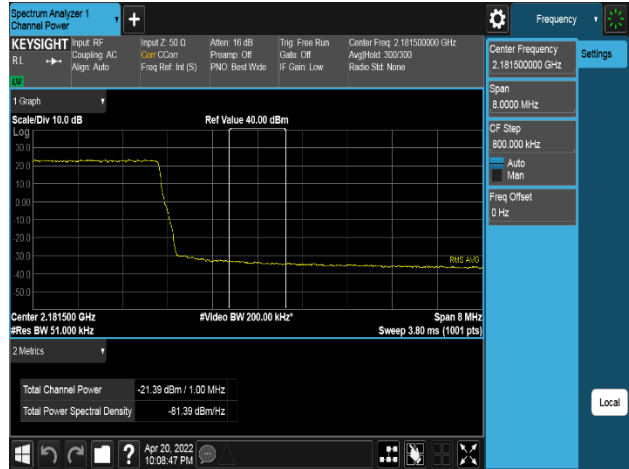


Plot 8-332. Band Edge Emission Plot
(PCS_DSS_2C_10M+15M_4TX_Non-Cont_QPSK - High Channel, Port 0)

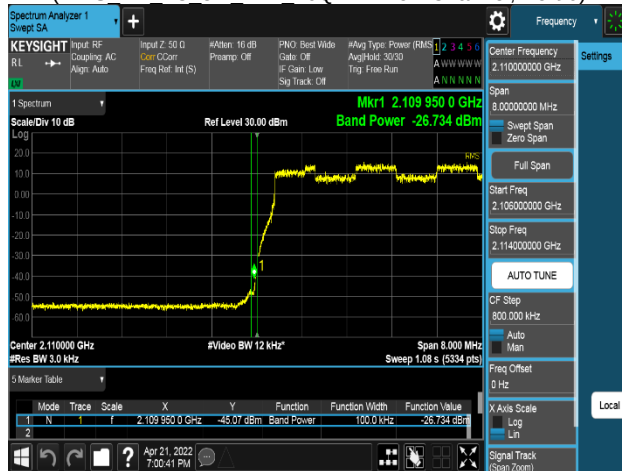
FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 161 of 270



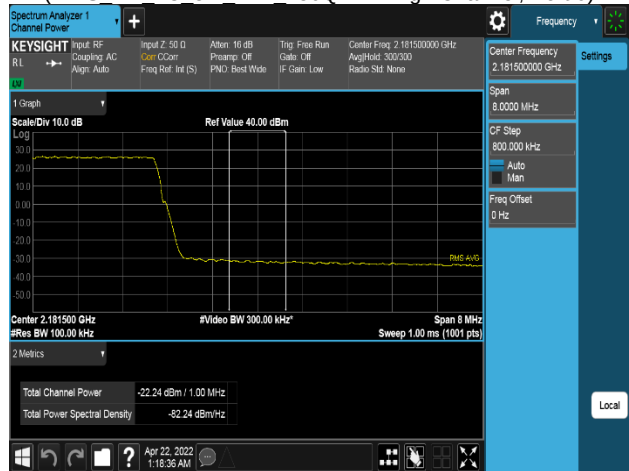
Plot 8-333. Band Edge Emission Plot
(AWS_NR_1C_5M_4TX_16QAM - Low Channel, Port 0)



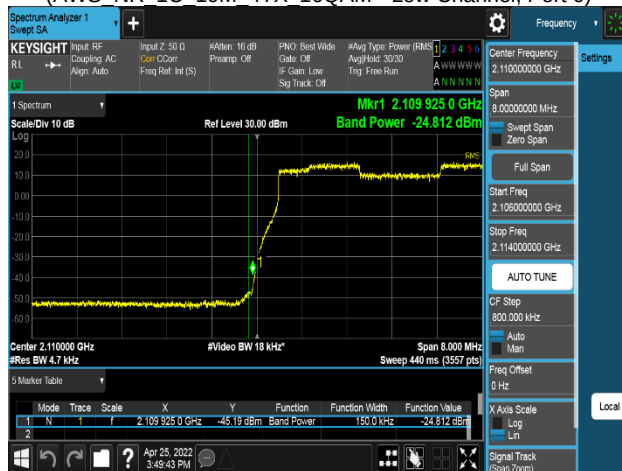
Plot 8-334. Band Edge Emission Plot
(AWS_NR_1C_5M_4TX_256QAM - High Channel, Port 0)



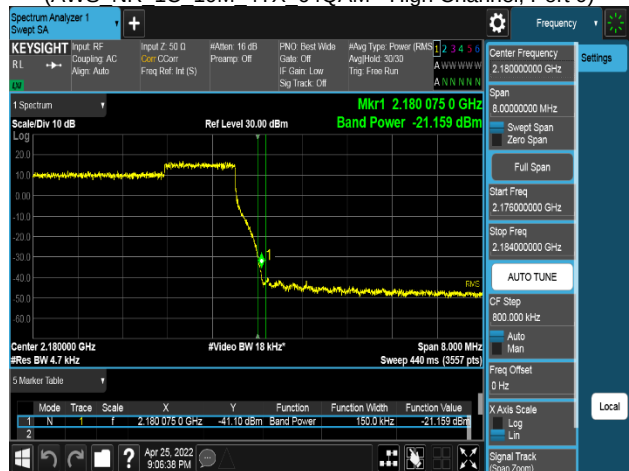
Plot 8-335. Band Edge Emission Plot
(AWS_NR_1C_10M_4TX_16QAM - Low Channel, Port 0)



Plot 8-336. Band Edge Emission Plot
(AWS_NR_1C_10M_4TX_64QAM - High Channel, Port 0)

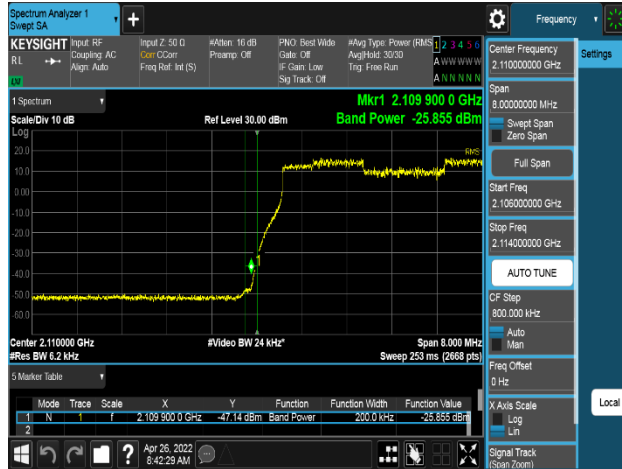


Plot 8-337. Band Edge Emission Plot
(AWS_NR_1C_15M_4TX_16QAM - Low Channel, Port 0)

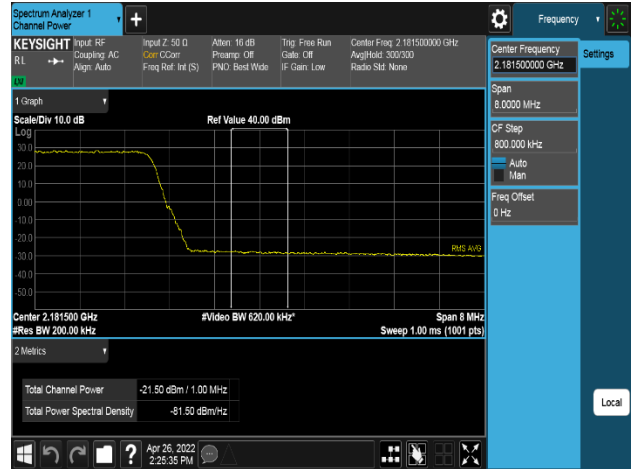


Plot 8-338. Band Edge Emission Plot
(AWS_NR_1C_15M_4TX_16QAM - High Channel, Port 3)

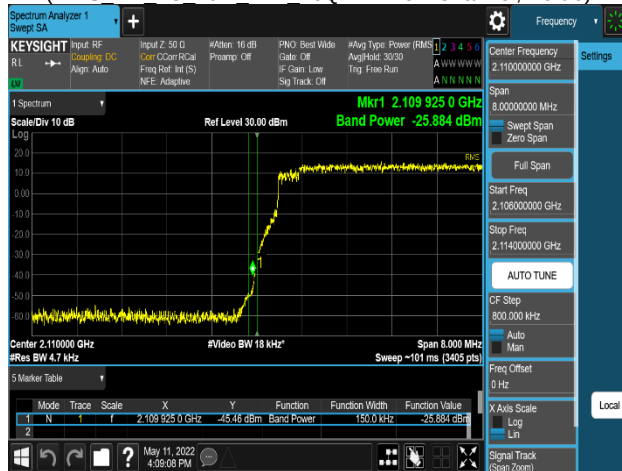
FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 162 of 270



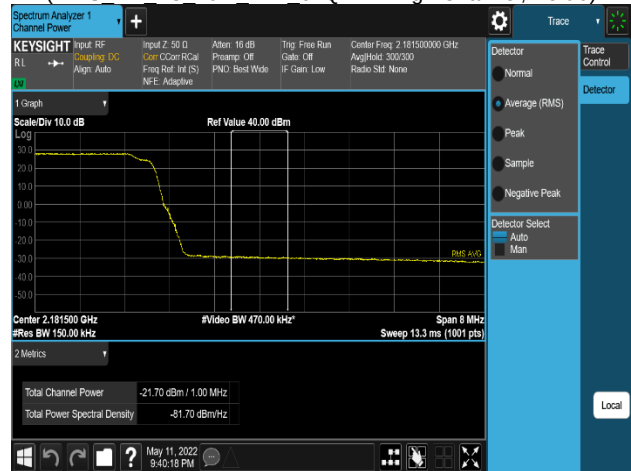
Plot 8-339. Band Edge Emission Plot
(AWS NR 1C 20M 4TX 16QAM - Low Channel, Port 0)



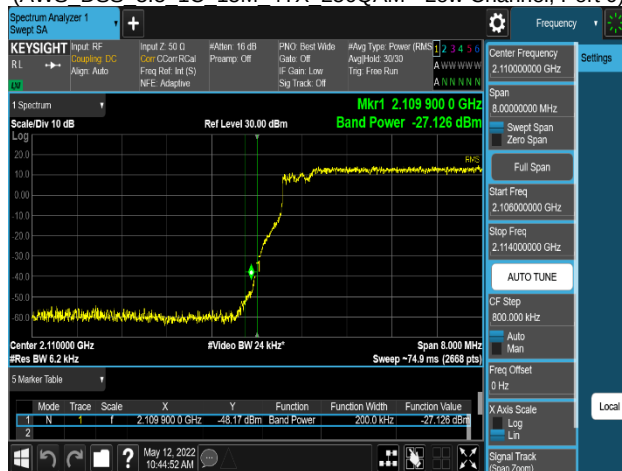
Plot 8-340. Band Edge Emission Plot
(AWS NR 1C 20M 4TX 64QAM - High Channel, Port 0)



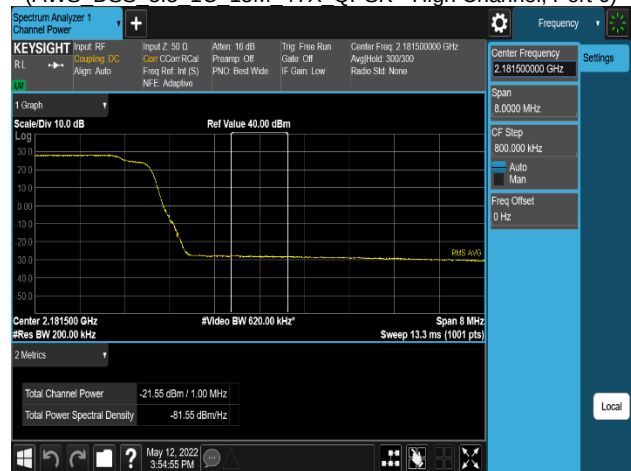
Plot 8-341. Band Edge Emission Plot
(AWS DSS 5:5 1C 15M 4TX 256QAM - Low Channel, Port 0)



Plot 8-342. Band Edge Emission Plot
(AWS DSS 5:5 1C 15M 4TX QPSK - High Channel, Port 0)



Plot 8-343. Band Edge Emission Plot
(AWS_DSS_5:5_1C_20M_4TX_64QAM - Low Channel, Port 0)



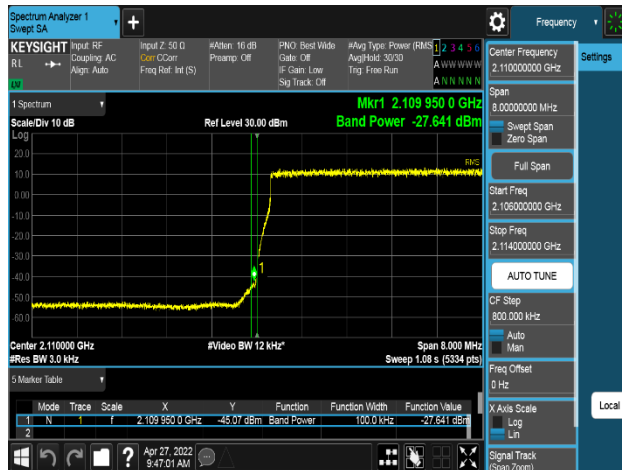
Plot 8-344. Band Edge Emission Plot
(AWS_DSS_5:5_1C_20M_4TX_256QAM - High Channel, Port 0)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 163 of 270

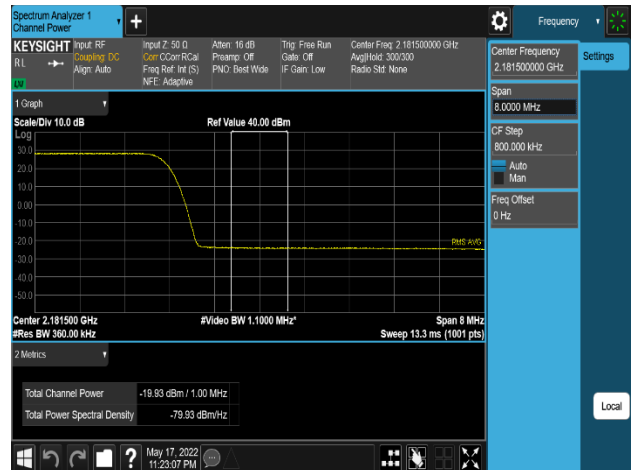
© 2021 Element

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without written permission from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

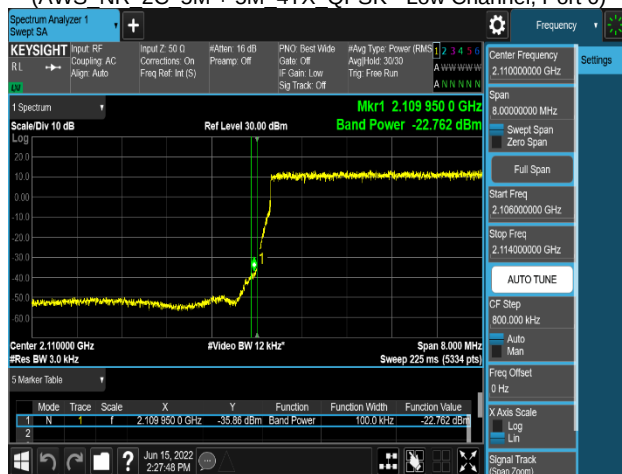
ES-QP-16-12 Rev.01



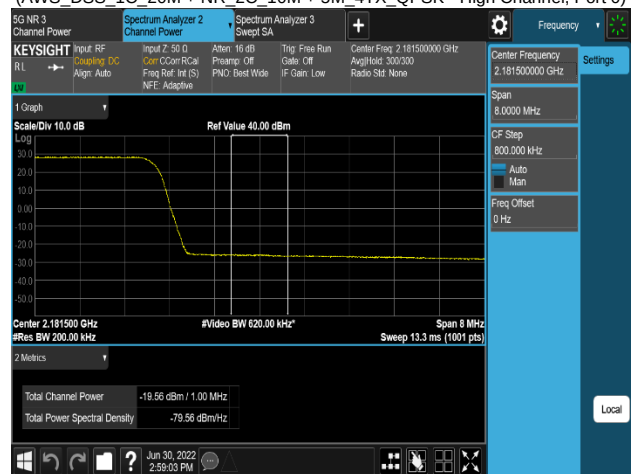
Plot 8-345. Band Edge Emission Plot
(AWS_NR_2C_5M + 5M_4TX_QPSK - Low Channel, Port 0)



Plot 8-346. Band Edge Emission Plot
(AWS_DSS_1C_20M + NR_2C_10M + 5M_4TX_QPSK - High Channel, Port 0)



Plot 8-347. Band Edge Emission Plot
(AWS_NR_1C_5M+LTE_1C_5M_4TX_Non-Cont_QPSK - Low Channel, Port 0)



Plot 8-348. Band Edge Emission Plot
(AWS_DSS_2C_10M10M_4TX_Non-Cont_QPSK - High Channel, Port 0)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 164 of 270

8.6 Spurious and Harmonic Emissions at Antenna Terminal

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6

KDB 662911 D01 v02r01 – Section E)3) Out-of-Band and Spurious Emission Measurements

a) Absolute Emission Limits

iii) Measure and add $10 \log(N_{ANT})$ dB

ANSI C63.26-2015 – Section 5.7

Test Setting

1. Start frequency was set to 9 kHz and stop frequency was set to at least $10 \times$ the fundamental frequency excluding the frequency range of the band edge measurement.
2. RBW: Please see test notes below.
3. VBW $\geq 3 \times$ RBW
4. Detector = RMS
5. Number of sweep points $\geq 2 \times$ Span/RBW
6. Trace mode = trace average
7. Sweep time = auto couple
8. The trace was allowed to stabilize

Limit

The minimum permissible attenuation level of any spurious emission is $43 + \log_{10}(P_{[Watts]})$, where P is the transmitter power in Watts.

The power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm.

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 165 of 270

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

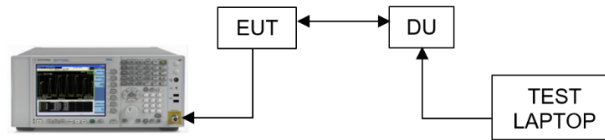


Figure 8-5. Test Instrument & Measurement Setup

Test Notes

- Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
- All the measurement has been tested but test plots are referred from the highest of value of each of modulation of each antenna ports.
- The limits were adjusted by a factor of $[-10 \cdot \log(2)]$ dB to account for the device operation as a 2 port MIMO transmitter, as per FCC KDB 622911. MIMO Factor calculation as below:
 $\text{MIMO Factor} = 10 \cdot \log(2) = 3.01$ dB
 The limits were adjusted by a factor of $[-10 \cdot \log(4)]$ dB to account for the device operation as a 4 port MIMO transmitter, as per FCC KDB 622911. MIMO Factor calculation as below:
 $\text{MIMO Factor} = 10 \cdot \log(4) = 6.02$ dB
- Narrower RBW parameter is applied according to Section 5.7 of ANSI C63.26-2015 for some edge channels due to improving measurement accuracy. RBW Factor calculation as below:
 $\text{RBW Factor} = 10 \cdot \log(1/0.1) = 10$ dB for below 1GHz measurement range.

Frequency range	Basic Limit (dBm/MHz)	2 TX MIMO Factor (dB)	RBW Factor (dB)	Adjusted limit (dBm)
9 kHz to 150 kHz	-13	3.01	30	-46.01
150 kHz to 30 MHz	-13	3.01	20	-36.01
30 MHz to 1 GHz	-13	3.01	10	-26.01
1 GHz to 22 GHz	-13	3.01	0	-16.01
Note: Adjusted limit (dBm/MHz) = Basic limit (dBm/1MHz) - MIMO Factor - RBW Factor				

Frequency range	Basic Limit (dBm/MHz)	4 TX MIMO Factor (dB)	RBW Factor (dB)	Adjusted limit (dBm)
9 kHz to 150 kHz	-13	6.02	30	-49.02
150 kHz to 30 MHz	-13	6.02	20	-39.02
30 MHz to 1 GHz	-13	6.02	10	-29.02
1 GHz to 22 GHz	-13	6.02	0	-19.02
Note: Adjusted limit (dBm/MHz) = Basic limit (dBm/1MHz) - MIMO Factor - RBW Factor				

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)	Page 166 of 270	

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-59.53	-58.68	-58.83	-59.37	-46.01	-12.67
		150 kHz to 30 MHz	-49.96	-49.38	-49.24	-49.28	-36.01	-13.23
		30 MHz to 1 GHz	-42.92	-42.82	-42.91	-42.96	-26.01	-16.81
		1 GHz to 1.928 GHz	-20.64	-21.21	-20.46	-20.70	-16.01	-4.45
		1.992 MHz to 6 GHz	-24.45	-24.43	-24.49	-24.47	-16.01	-8.42
		6 GHz to 18 GHz	-29.38	-28.84	-29.10	-28.83	-16.01	-12.82
		18 GHz to 22 GHz	-29.26	-29.75	-29.50	-29.55	-16.01	-13.25
	1	9 kHz to 150 kHz	-59.81	-59.58	-59.12	-59.32	-46.01	-13.11
		150 kHz to 30 MHz	-50.07	-49.67	-50.54	-50.12	-36.01	-13.66
		30 MHz to 1 GHz	-42.88	-42.94	-43.11	-43.02	-26.01	-16.87
		1 GHz to 1.928 GHz	-21.95	-20.85	-21.75	-21.99	-16.01	-4.84
		1.992 MHz to 6 GHz	-23.25	-23.15	-23.30	-23.13	-16.01	-7.12
		6 GHz to 18 GHz	-28.37	-28.66	-28.45	-28.50	-16.01	-12.36
		18 GHz to 22 GHz	-29.47	-29.79	-30.03	-29.55	-16.01	-13.46
Middle	0	9 kHz to 150 kHz	-59.14	-59.13	-59.19	-58.57	-46.01	-12.56
		150 kHz to 30 MHz	-49.46	-50.38	-49.78	-49.84	-36.01	-13.45
		30 MHz to 1 GHz	-42.85	-43.02	-42.93	-42.82	-26.01	-16.81
		1 GHz to 1.928 GHz	-26.10	-26.85	-25.96	-26.66	-16.01	-9.95
		1.992 MHz to 6 GHz	-24.20	-24.39	-24.30	-24.33	-16.01	-8.19
		6 GHz to 18 GHz	-28.99	-29.31	-29.09	-28.82	-16.01	-12.81
		18 GHz to 22 GHz	-29.70	-29.73	-29.30	-29.63	-16.01	-13.29
	1	9 kHz to 150 kHz	-59.64	-59.03	-59.04	-58.98	-46.01	-12.97
		150 kHz to 30 MHz	-50.29	-50.61	-50.46	-49.53	-36.01	-13.52
		30 MHz to 1 GHz	-42.87	-43.02	-42.76	-42.82	-26.01	-16.75
		1 GHz to 1.928 GHz	-26.57	-26.72	-26.18	-26.69	-16.01	-10.17
		1.992 MHz to 6 GHz	-23.23	-23.07	-23.05	-23.13	-16.01	-7.04
		6 GHz to 18 GHz	-28.63	-28.53	-28.74	-28.63	-16.01	-12.52
		18 GHz to 22 GHz	-29.73	-29.63	-29.36	-29.93	-16.01	-13.35
High	0	9 kHz to 150 kHz	-59.06	-59.32	-58.92	-58.80	-46.01	-12.79
		150 kHz to 30 MHz	-50.14	-50.04	-50.03	-49.73	-36.01	-13.72
		30 MHz to 1 GHz	-42.98	-42.94	-42.85	-42.88	-26.01	-16.84
		1 GHz to 1.928 GHz	-26.66	-26.78	-25.98	-26.56	-16.01	-9.97
		1.992 MHz to 6 GHz	-32.46	-33.04	-31.88	-32.03	-26.01	-5.87
		6 GHz to 18 GHz	-29.18	-29.10	-29.27	-29.42	-16.01	-13.09
		18 GHz to 22 GHz	-29.82	-29.65	-29.66	-29.72	-16.01	-13.64
	1	9 kHz to 150 kHz	-59.53	-58.94	-59.78	-59.84	-46.01	-12.93
		150 kHz to 30 MHz	-50.15	-49.64	-50.59	-49.92	-36.01	-13.63
		30 MHz to 1 GHz	-42.83	-43.01	-42.78	-42.87	-26.01	-16.77
		1 GHz to 1.928 GHz	-25.92	-26.22	-25.93	-26.39	-16.01	-9.91
		1.992 MHz to 6 GHz	-31.88	-31.26	-32.75	-32.31	-26.01	-5.25
		6 GHz to 18 GHz	-28.73	-28.57	-28.92	-28.31	-16.01	-12.30
		18 GHz to 22 GHz	-29.98	-29.75	-29.55	-29.73	-16.01	-13.54

Table 8-152. Conducted Spurious Emission Summary Data (PCS_NR_1C_5M_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 167 of 270

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-59.19	-58.59	-59.59	-59.52	-46.01	-12.58
		150 kHz to 30 MHz	-49.83	-50.29	-50.34	-50.65	-36.01	-13.82
		30 MHz to 1 GHz	-42.96	-42.83	-42.87	-42.90	-26.01	-16.82
		1 GHz to 1.928 GHz	-20.13	-20.56	-19.30	-17.77	-16.01	-1.76
		1.992 MHz to 6 GHz	-24.55	-24.45	-24.50	-24.38	-16.01	-8.37
		6 GHz to 18 GHz	-29.19	-29.33	-28.91	-29.06	-16.01	-12.90
		18 GHz to 22 GHz	-30.13	-29.66	-29.15	-29.88	-16.01	-13.14
	1	9 kHz to 150 kHz	-59.34	-59.54	-60.61	-59.47	-46.01	-13.33
		150 kHz to 30 MHz	-50.23	-50.57	-51.01	-50.55	-36.01	-14.22
		30 MHz to 1 GHz	-43.00	-42.88	-43.13	-42.97	-26.01	-16.87
		1 GHz to 1.928 GHz	-22.29	-22.24	-22.40	-21.92	-16.01	-5.91
		1.992 MHz to 6 GHz	-23.00	-22.91	-23.32	-23.32	-16.01	-6.90
		6 GHz to 18 GHz	-28.91	-28.48	-28.77	-28.58	-16.01	-12.47
		18 GHz to 22 GHz	-29.65	-29.62	-29.98	-29.78	-16.01	-13.61
Middle	0	9 kHz to 150 kHz	-59.72	-58.67	-59.86	-59.84	-46.01	-12.66
		150 kHz to 30 MHz	-50.27	-48.93	-49.99	-50.49	-36.01	-12.92
		30 MHz to 1 GHz	-42.48	-42.53	-42.68	-42.67	-26.01	-16.47
		1 GHz to 1.928 GHz	-25.74	-25.91	-25.91	-25.35	-16.01	-9.34
		1.992 MHz to 6 GHz	-24.32	-24.46	-23.82	-24.12	-16.01	-7.81
		6 GHz to 18 GHz	-29.01	-29.28	-28.80	-28.93	-16.01	-12.79
		18 GHz to 22 GHz	-30.06	-29.98	-29.59	-29.84	-16.01	-13.58
	1	9 kHz to 150 kHz	-59.84	-59.70	-60.58	-59.75	-46.01	-13.69
		150 kHz to 30 MHz	-49.86	-50.18	-50.94	-49.69	-36.01	-13.68
		30 MHz to 1 GHz	-42.60	-42.72	-42.68	-42.74	-26.01	-16.59
		1 GHz to 1.928 GHz	-25.97	-26.04	-26.09	-25.34	-16.01	-9.33
		1.992 MHz to 6 GHz	-23.23	-22.97	-23.05	-23.13	-16.01	-6.96
		6 GHz to 18 GHz	-28.55	-28.58	-28.68	-28.86	-16.01	-12.54
		18 GHz to 22 GHz	-29.88	-29.61	-29.26	-30.05	-16.01	-13.25
High	0	9 kHz to 150 kHz	-59.13	-58.86	-59.48	-58.40	-46.01	-12.39
		150 kHz to 30 MHz	-50.31	-50.28	-49.64	-50.28	-36.01	-13.63
		30 MHz to 1 GHz	-42.88	-42.81	-43.01	-43.03	-26.01	-16.80
		1 GHz to 1.928 GHz	-25.52	-26.31	-26.68	-25.28	-16.01	-9.27
		1.992 MHz to 6 GHz	-28.71	-29.85	-28.74	-28.08	-26.01	-2.07
		6 GHz to 18 GHz	-29.21	-29.15	-29.37	-29.27	-16.01	-13.14
		18 GHz to 22 GHz	-29.64	-29.24	-29.82	-29.96	-16.01	-13.23
	1	9 kHz to 150 kHz	-59.35	-59.87	-59.93	-59.68	-46.01	-13.34
		150 kHz to 30 MHz	-50.53	-50.40	-51.51	-50.18	-36.01	-14.17
		30 MHz to 1 GHz	-43.09	-42.96	-42.90	-43.15	-26.01	-16.89
		1 GHz to 1.928 GHz	-25.93	-26.40	-25.98	-25.78	-16.01	-9.77
		1.992 MHz to 6 GHz	-32.14	-32.63	-32.75	-31.51	-26.01	-5.50
		6 GHz to 18 GHz	-28.64	-28.26	-28.47	-28.48	-16.01	-12.25
		18 GHz to 22 GHz	-29.48	-29.52	-29.61	-29.60	-16.01	-13.47

Table 8-153. Conducted Spurious Emission Summary Data (PCS_DSS_Ratio_9:1_1C_20M_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 168 of 270

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-59.93	-59.51	-59.91	-59.70	-46.01	-13.50
		150 kHz to 30 MHz	-49.99	-49.86	-50.10	-50.33	-36.01	-13.85
		30 MHz to 1 GHz	-42.96	-42.92	-42.89	-42.67	-26.01	-16.66
		1 GHz to 1.928 GHz	-18.28	-19.44	-18.89	-19.25	-16.01	-2.27
		1.992 MHz to 6 GHz	-24.38	-24.32	-24.28	-24.45	-16.01	-8.27
		6 GHz to 18 GHz	-28.94	-28.90	-29.07	-29.21	-16.01	-12.89
		18 GHz to 22 GHz	-29.76	-29.47	-29.79	-29.53	-16.01	-13.46
	1	9 kHz to 150 kHz	-60.10	-59.30	-59.46	-59.11	-46.01	-13.10
		150 kHz to 30 MHz	-49.52	-50.23	-50.58	-50.96	-36.01	-13.51
		30 MHz to 1 GHz	-43.08	-42.75	-42.87	-43.05	-26.01	-16.74
		1 GHz to 1.928 GHz	-20.85	-21.41	-20.48	-20.61	-16.01	-4.47
		1.992 MHz to 6 GHz	-23.07	-23.22	-23.09	-22.94	-16.01	-6.93
		6 GHz to 18 GHz	-28.83	-28.40	-28.59	-28.94	-16.01	-12.39
		18 GHz to 22 GHz	-29.40	-29.78	-29.54	-29.93	-16.01	-13.39
Middle	0	9 kHz to 150 kHz	-59.54	-58.25	-59.50	-59.49	-46.01	-12.24
		150 kHz to 30 MHz	-50.90	-50.62	-49.89	-49.46	-36.01	-13.45
		30 MHz to 1 GHz	-42.77	-43.02	-42.83	-42.95	-26.01	-16.76
		1 GHz to 1.928 GHz	-25.57	-25.71	-25.66	-25.57	-16.01	-9.56
		1.992 MHz to 6 GHz	-24.40	-24.40	-24.47	-24.35	-16.01	-8.34
		6 GHz to 18 GHz	-29.11	-29.09	-29.01	-28.86	-16.01	-12.85
		18 GHz to 22 GHz	-29.69	-29.82	-29.48	-29.65	-16.01	-13.47
	1	9 kHz to 150 kHz	-60.06	-60.10	-60.46	-58.89	-46.01	-12.88
		150 kHz to 30 MHz	-49.88	-49.83	-50.07	-50.22	-36.01	-13.82
		30 MHz to 1 GHz	-42.51	-43.12	-42.95	-42.90	-26.01	-16.50
		1 GHz to 1.928 GHz	-25.95	-26.18	-25.87	-25.84	-16.01	-9.83
		1.992 MHz to 6 GHz	-23.03	-23.23	-23.30	-23.15	-16.01	-7.02
		6 GHz to 18 GHz	-28.65	-28.13	-28.76	-28.65	-16.01	-12.12
		18 GHz to 22 GHz	-29.63	-29.60	-29.79	-29.60	-16.01	-13.59
High	0	9 kHz to 150 kHz	-59.49	-58.54	-59.93	-59.44	-46.01	-12.53
		150 kHz to 30 MHz	-49.42	-50.12	-49.24	-49.85	-36.01	-13.23
		30 MHz to 1 GHz	-42.93	-42.95	-42.85	-42.85	-26.01	-16.84
		1 GHz to 1.928 GHz	-26.31	-25.43	-26.55	-25.67	-16.01	-9.42
		1.992 MHz to 6 GHz	-28.88	-27.65	-28.54	-28.84	-26.01	-1.64
		6 GHz to 18 GHz	-29.60	-29.36	-29.20	-29.14	-16.01	-13.13
		18 GHz to 22 GHz	-29.56	-29.98	-29.84	-29.83	-16.01	-13.55
	1	9 kHz to 150 kHz	-60.52	-60.24	-58.98	-60.17	-46.01	-12.97
		150 kHz to 30 MHz	-50.45	-49.75	-49.69	-50.86	-36.01	-13.68
		30 MHz to 1 GHz	-43.08	-42.84	-42.97	-42.90	-26.01	-16.83
		1 GHz to 1.928 GHz	-26.00	-24.80	-26.09	-26.52	-16.01	-8.79
		1.992 MHz to 6 GHz	-32.58	-30.35	-31.63	-32.30	-26.01	-4.34
		6 GHz to 18 GHz	-28.48	-28.43	-28.90	-28.97	-16.01	-12.42
		18 GHz to 22 GHz	-29.99	-29.59	-29.87	-29.98	-16.01	-13.58

Table 8-154. Conducted Spurious Emission Summary Data (PCS_DSS_Ratio_5:5_1C_20M_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 169 of 270

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-59.69	-59.73	-59.41	-59.57	-46.01	-13.40
		150 kHz to 30 MHz	-49.93	-50.24	-50.03	-50.63	-36.01	-13.92
		30 MHz to 1 GHz	-42.95	-42.94	-42.97	-42.37	-26.01	-16.36
		1 GHz to 1.928 GHz	-18.40	-18.18	-18.53	-17.60	-16.01	-1.59
		1.992 MHz to 6 GHz	-24.30	-24.20	-24.18	-24.36	-16.01	-8.17
		6 GHz to 18 GHz	-28.81	-29.09	-29.18	-29.24	-16.01	-12.80
		18 GHz to 22 GHz	-29.72	-29.92	-29.99	-30.10	-16.01	-13.71
	1	9 kHz to 150 kHz	-59.18	-59.72	-60.20	-59.83	-46.01	-13.17
		150 kHz to 30 MHz	-50.40	-50.17	-50.43	-50.44	-36.01	-14.16
		30 MHz to 1 GHz	-43.06	-42.95	-42.79	-42.63	-26.01	-16.62
		1 GHz to 1.928 GHz	-21.48	-21.20	-21.62	-20.99	-16.01	-4.98
		1.992 MHz to 6 GHz	-23.21	-23.22	-23.24	-23.22	-16.01	-7.20
		6 GHz to 18 GHz	-28.59	-28.71	-28.62	-28.71	-16.01	-12.58
		18 GHz to 22 GHz	-29.74	-30.23	-29.49	-29.83	-16.01	-13.48
Middle	0	9 kHz to 150 kHz	-59.92	-59.09	-59.96	-59.09	-46.01	-13.08
		150 kHz to 30 MHz	-50.36	-49.71	-50.67	-50.81	-36.01	-13.70
		30 MHz to 1 GHz	-42.92	-42.92	-42.79	-42.87	-26.01	-16.78
		1 GHz to 1.928 GHz	-25.31	-25.71	-25.26	-25.13	-16.01	-9.12
		1.992 MHz to 6 GHz	-24.26	-24.35	-24.60	-24.30	-16.01	-8.25
		6 GHz to 18 GHz	-28.99	-29.11	-29.33	-28.85	-16.01	-12.84
		18 GHz to 22 GHz	-29.68	-29.70	-29.81	-29.79	-16.01	-13.67
	1	9 kHz to 150 kHz	-59.28	-60.09	-60.56	-59.41	-46.01	-13.27
		150 kHz to 30 MHz	-50.50	-49.55	-50.04	-50.56	-36.01	-13.54
		30 MHz to 1 GHz	-43.03	-42.97	-42.79	-42.92	-26.01	-16.78
		1 GHz to 1.928 GHz	-25.60	-25.82	-26.09	-25.77	-16.01	-9.59
		1.992 MHz to 6 GHz	-23.17	-23.15	-23.26	-23.26	-16.01	-7.14
		6 GHz to 18 GHz	-28.60	-28.74	-28.60	-27.75	-16.01	-11.74
		18 GHz to 22 GHz	-29.26	-29.82	-29.63	-29.73	-16.01	-13.25
High	0	9 kHz to 150 kHz	-59.44	-59.88	-59.25	-58.74	-46.01	-12.73
		150 kHz to 30 MHz	-49.76	-49.59	-50.77	-50.41	-36.01	-13.58
		30 MHz to 1 GHz	-42.93	-42.92	-42.84	-42.96	-26.01	-16.83
		1 GHz to 1.928 GHz	-25.88	-25.00	-26.45	-25.57	-16.01	-8.99
		1.992 MHz to 6 GHz	-28.65	-27.50	-27.84	-29.26	-26.01	-1.49
		6 GHz to 18 GHz	-29.11	-28.68	-29.28	-28.53	-16.01	-12.52
		18 GHz to 22 GHz	-29.76	-29.72	-29.79	-29.51	-16.01	-13.50
	1	9 kHz to 150 kHz	-60.05	-59.85	-59.54	-59.65	-46.01	-13.53
		150 kHz to 30 MHz	-50.52	-50.47	-49.81	-50.28	-36.01	-13.80
		30 MHz to 1 GHz	-43.09	-43.05	-43.01	-43.06	-26.01	-17.00
		1 GHz to 1.928 GHz	-26.25	-25.82	-26.60	-26.18	-16.01	-9.81
		1.992 MHz to 6 GHz	-31.92	-31.91	-32.17	-32.19	-26.01	-5.90
		6 GHz to 18 GHz	-28.74	-28.89	-28.80	-28.88	-16.01	-12.73
		18 GHz to 22 GHz	-29.83	-29.99	-29.66	-29.99	-16.01	-13.65

Table 8-155. Conducted Spurious Emission Summary Data (PCS_DSS_Ratio_2:8_1C_20M_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 170 of 270

Channel	Configuration	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
			QPSK		
Middle	NR_2C_5M + 5M	9 kHz to 150 kHz	-58.84	-46.01	-12.83
		150 kHz to 30 MHz	-50.12	-36.01	-14.11
		30 MHz to 1 GHz	-43.00	-26.01	-16.99
		1 GHz to 1.928 GHz	-35.14	-16.01	-19.13
		1.992 MHz to 6 GHz	-24.29	-16.01	-8.28
		6 GHz to 18 GHz	-29.13	-16.01	-13.12
		18 GHz to 22 GHz	-29.63	-16.01	-13.62
	NR_1C_5M + LTE_1C_5M	9 kHz to 150 kHz	-57.77	-46.01	-11.76
		150 kHz to 30 MHz	-49.17	-36.01	-13.16
		30 MHz to 1 GHz	-42.38	-26.01	-16.37
		1 GHz to 1.928 GHz	-26.05	-16.01	-10.04
		1.992 MHz to 6 GHz	-24.05	-16.01	-8.04
		6 GHz to 18 GHz	-29.10	-16.01	-13.09
		18 GHz to 22 GHz	-29.79	-16.01	-13.78
	DSS_1C_10M + NR_1C_5M	9 kHz to 150 kHz	-58.17	-46.01	-12.16
		150 kHz to 30 MHz	-48.33	-36.01	-12.32
		30 MHz to 1 GHz	-42.70	-26.01	-16.69
		1 GHz to 1.928 GHz	-24.44	-16.01	-8.43
		1.992 MHz to 6 GHz	-24.08	-16.01	-8.07
		6 GHz to 18 GHz	-29.32	-16.01	-13.31
		18 GHz to 22 GHz	-29.13	-16.01	-13.12
	DSS_2C_10M + 10M	9 kHz to 150 kHz	-59.65	-46.01	-13.64
		150 kHz to 30 MHz	-49.80	-36.01	-13.79
		30 MHz to 1 GHz	-42.85	-26.01	-16.84
		1 GHz to 1.928 GHz	-34.97	-16.01	-18.96
		1.992 MHz to 6 GHz	-24.30	-16.01	-8.29
		6 GHz to 18 GHz	-29.07	-16.01	-13.06
		18 GHz to 22 GHz	-29.51	-16.01	-13.50
	DSS_2C_10M + 15M	9 kHz to 150 kHz	-59.11	-46.01	-13.10
		150 kHz to 30 MHz	-50.08	-36.01	-14.07
		30 MHz to 1 GHz	-42.87	-26.01	-16.86
		1 GHz to 1.928 GHz	-24.81	-16.01	-8.80
		1.992 MHz to 6 GHz	-24.32	-16.01	-8.31
		6 GHz to 18 GHz	-28.39	-16.01	-12.38
		18 GHz to 22 GHz	-29.77	-16.01	-13.76
	NR_2C_10M + 15M	9 kHz to 150 kHz	-60.00	-46.01	-13.99
		150 kHz to 30 MHz	-50.43	-36.01	-14.42
		30 MHz to 1 GHz	-42.86	-26.01	-16.85
		1 GHz to 1.928 GHz	-24.32	-16.01	-8.31
		1.992 MHz to 6 GHz	-24.21	-16.01	-8.20
		6 GHz to 18 GHz	-29.04	-16.01	-13.03
		18 GHz to 22 GHz	-29.58	-16.01	-13.57

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)	Page 171 of 270	

	DSS_1C_20M + LTE_1C_5M	9 kHz to 150 kHz	-59.29	-46.01	-13.28
		150 kHz to 30 MHz	-50.41	-36.01	-14.40
		30 MHz to 1 GHz	-42.91	-26.01	-16.90
		1 GHz to 1.928 GHz	-24.29	-16.01	-8.28
		1.992 MHz to 6 GHz	-23.77	-16.01	-7.76
		6 GHz to 18 GHz	-28.99	-16.01	-12.98
		18 GHz to 22 GHz	-29.58	-16.01	-13.57
	DSS_1C_20M + NR_1C_5M	9 kHz to 150 kHz	-58.98	-46.01	-12.97
		150 kHz to 30 MHz	-49.57	-36.01	-13.56
		30 MHz to 1 GHz	-42.82	-26.01	-16.81
		1 GHz to 1.928 GHz	-23.28	-16.01	-7.27
		1.992 MHz to 6 GHz	-24.09	-16.01	-8.08
		6 GHz to 18 GHz	-29.37	-16.01	-13.36
		18 GHz to 22 GHz	-29.57	-16.01	-13.56
	NR_1C_20M + LTE_1C_5M	9 kHz to 150 kHz	-58.84	-46.01	-12.83
		150 kHz to 30 MHz	-49.81	-36.01	-13.80
		30 MHz to 1 GHz	-42.75	-26.01	-16.74
		1 GHz to 1.928 GHz	-23.29	-16.01	-7.28
		1.992 MHz to 6 GHz	-23.17	-16.01	-7.16
		6 GHz to 18 GHz	-28.86	-16.01	-12.85
		18 GHz to 22 GHz	-28.88	-16.01	-12.87

Table 8-156. Conducted Spurious Emission Summary Data (PCS_Contiguous_Multi Carrier_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)	Page 172 of 270	

Channel	Configuration	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
			QPSK		
Middle	NR_2C_5M + 5M Non-Contiguous	9 kHz to 150 kHz	-58.07	-46.01	-12.06
		150 kHz to 30 MHz	-49.74	-36.01	-13.73
		30 MHz to 1 GHz	-42.75	-26.01	-16.74
		1 GHz to 1.928 GHz	-18.57	-16.01	-2.56
		1.992 MHz to 6 GHz	-28.63	-16.01	-12.62
		6 GHz to 18 GHz	-29.12	-16.01	-13.11
		18 GHz to 22 GHz	-29.55	-16.01	-13.54
	NR_1C_5M + LTE_1C_5M Non-Contiguous	9 kHz to 150 kHz	-58.04	-46.01	-12.03
		150 kHz to 30 MHz	-49.13	-36.01	-13.12
		30 MHz to 1 GHz	-42.94	-26.01	-16.93
		1 GHz to 1.928 GHz	-21.14	-16.01	-5.13
		1.992 MHz to 6 GHz	-31.51	-16.01	-15.50
		6 GHz to 18 GHz	-29.13	-16.01	-13.12
		18 GHz to 22 GHz	-29.44	-16.01	-13.43
	DSS_1C_10M + NR_1C_5M Non-Contiguous	9 kHz to 150 kHz	-58.51	-46.01	-12.50
		150 kHz to 30 MHz	-49.98	-36.01	-13.97
		30 MHz to 1 GHz	-42.76	-26.01	-16.75
		1 GHz to 1.928 GHz	-20.13	-16.01	-4.12
		1.992 MHz to 6 GHz	-30.10	-16.01	-14.09
		6 GHz to 18 GHz	-29.08	-16.01	-13.07
		18 GHz to 22 GHz	-29.86	-16.01	-13.85
	DSS_2C_10M + 10M Non-Contiguous	9 kHz to 150 kHz	-60.17	-46.01	-14.16
		150 kHz to 30 MHz	-50.25	-36.01	-14.24
		30 MHz to 1 GHz	-42.80	-26.01	-16.79
		1 GHz to 1.928 GHz	-20.11	-16.01	-4.10
		1.992 MHz to 6 GHz	-30.84	-16.01	-14.83
		6 GHz to 18 GHz	-28.98	-16.01	-12.97
		18 GHz to 22 GHz	-29.55	-16.01	-13.54
	NR_2C_10M + 15M Non-Contiguous	9 kHz to 150 kHz	-59.95	-46.01	-13.94
		150 kHz to 30 MHz	-49.73	-36.01	-13.72
		30 MHz to 1 GHz	-42.64	-26.01	-16.63
		1 GHz to 1.928 GHz	-19.17	-16.01	-3.16
		1.992 MHz to 6 GHz	-30.65	-16.01	-14.64
		6 GHz to 18 GHz	-29.23	-16.01	-13.22
		18 GHz to 22 GHz	-28.96	-16.01	-12.95
	DSS_2C_10M + 15M Non-Contiguous	9 kHz to 150 kHz	-58.17	-46.01	-12.16
		150 kHz to 30 MHz	-50.02	-36.01	-14.01
		30 MHz to 1 GHz	-42.72	-26.01	-16.71
		1 GHz to 1.928 GHz	-20.06	-16.01	-4.05
		1.992 MHz to 6 GHz	-31.27	-16.01	-15.26
		6 GHz to 18 GHz	-29.13	-16.01	-13.12
		18 GHz to 22 GHz	-29.71	-16.01	-13.70

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)	Page 173 of 270	

	DSS_1C_20M + LTE_1C_5M Non-Contiguous	9 kHz to 150 kHz	-58.62	-46.01	-12.61
		150 kHz to 30 MHz	-49.65	-36.01	-13.64
		30 MHz to 1 GHz	-42.84	-26.01	-16.83
		1 GHz to 1.928 GHz	-19.95	-16.01	-3.94
		1.992 MHz to 6 GHz	-30.11	-16.01	-14.10
		6 GHz to 18 GHz	-29.35	-16.01	-13.34
		18 GHz to 22 GHz	-29.63	-16.01	-13.62
	DSS_1C_20M + NR_1C_5M Non-Contiguous	9 kHz to 150 kHz	-59.13	-46.01	-13.12
		150 kHz to 30 MHz	-49.54	-36.01	-13.53
		30 MHz to 1 GHz	-42.71	-26.01	-16.70
		1 GHz to 1.928 GHz	-21.25	-16.01	-5.24
		1.992 MHz to 6 GHz	-31.96	-16.01	-15.95
		6 GHz to 18 GHz	-28.80	-16.01	-12.79
		18 GHz to 22 GHz	-29.61	-16.01	-13.60
	NR_1C_20M + LTE_1C_5M Non-Contiguous	9 kHz to 150 kHz	-58.62	-46.01	-12.61
		150 kHz to 30 MHz	-49.65	-36.01	-13.64
		30 MHz to 1 GHz	-42.84	-26.01	-16.83
		1 GHz to 1.928 GHz	-19.95	-16.01	-3.94
		1.992 MHz to 6 GHz	-30.11	-16.01	-14.10
		6 GHz to 18 GHz	-29.35	-16.01	-13.34
		18 GHz to 22 GHz	-29.63	-16.01	-13.62

Table 8-157. Conducted Spurious Emission Summary Data (PCS_Non-Contiguous_Multi Carrier_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)	Page 174 of 270	

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-56.62	-56.20	-56.18	-56.32	-46.01	-10.17
		150 kHz to 30 MHz	-45.43	-45.05	-45.27	-45.21	-36.01	-9.04
		30 MHz to 1 GHz	-42.72	-42.98	-42.85	-43.06	-26.01	-16.71
		1 GHz to 2.108 GHz	-20.15	-19.76	-19.85	-19.67	-16.01	-3.66
		2.182 GHz to 6 GHz	-23.18	-23.31	-23.44	-23.26	-16.01	-7.17
		6 GHz to 18 GHz	-30.92	-29.50	-29.88	-30.04	-16.01	-13.49
		18 GHz to 22 GHz	-36.92	-35.53	-36.67	-36.46	-16.01	-19.52
	1	9 kHz to 150 kHz	-56.69	-56.07	-55.86	-56.24	-46.01	-9.85
		150 kHz to 30 MHz	-45.75	-46.17	-45.85	-46.08	-36.01	-9.74
		30 MHz to 1 GHz	-43.58	-43.50	-43.46	-43.53	-26.01	-17.45
		1 GHz to 2.108 GHz	-20.87	-20.71	-20.35	-20.71	-16.01	-4.34
		2.182 GHz to 6 GHz	-25.04	-22.66	-21.58	-20.77	-16.01	-4.76
		6 GHz to 18 GHz	-31.87	-31.97	-31.04	-31.72	-16.01	-15.03
		18 GHz to 22 GHz	-36.42	-36.16	-36.93	-37.27	-16.01	-20.15
Middle	0	9 kHz to 150 kHz	-56.30	-56.58	-56.37	-56.40	-46.01	-10.29
		150 kHz to 30 MHz	-45.87	-45.64	-45.87	-45.83	-36.01	-9.63
		30 MHz to 1 GHz	-42.91	-43.06	-42.99	-42.92	-26.01	-16.90
		1 GHz to 2.108 GHz	-25.95	-26.03	-26.03	-26.04	-16.01	-9.94
		2.182 GHz to 6 GHz	-23.07	-22.75	-23.31	-23.43	-16.01	-6.74
		6 GHz to 18 GHz	-30.78	-29.46	-29.93	-29.78	-16.01	-13.45
		18 GHz to 22 GHz	-37.05	-36.59	-37.15	-36.59	-16.01	-20.58
	1	9 kHz to 150 kHz	-56.43	-55.93	-56.56	-56.45	-46.01	-9.92
		150 kHz to 30 MHz	-46.08	-45.98	-45.61	-45.94	-36.01	-9.60
		30 MHz to 1 GHz	-43.59	-43.47	-43.46	-43.51	-26.01	-17.45
		1 GHz to 2.108 GHz	-27.04	-27.07	-27.18	-26.84	-16.01	-10.83
		2.182 GHz to 6 GHz	-23.30	-24.59	-24.57	-24.34	-16.01	-7.29
		6 GHz to 18 GHz	-32.14	-32.11	-30.96	-32.17	-16.01	-14.95
		18 GHz to 22 GHz	-36.66	-36.79	-36.55	-36.32	-16.01	-20.31
High	0	9 kHz to 150 kHz	-56.49	-56.38	-55.98	-55.82	-46.01	-9.81
		150 kHz to 30 MHz	-45.04	-45.64	-45.58	-45.94	-36.01	-9.03
		30 MHz to 1 GHz	-43.02	-43.08	-42.90	-43.15	-26.01	-16.89
		1 GHz to 2.108 GHz	-26.00	-26.03	-26.08	-26.14	-16.01	-9.99
		2.182 GHz to 6 GHz	-28.74	-28.14	-29.01	-28.00	-26.01	-1.99
		6 GHz to 18 GHz	-29.58	-29.49	-30.38	-30.32	-16.01	-13.48
		18 GHz to 22 GHz	-37.25	-36.95	-35.69	-36.37	-16.01	-19.68
	1	9 kHz to 150 kHz	-56.35	-56.40	-55.68	-55.68	-46.01	-9.67
		150 kHz to 30 MHz	-46.62	-45.97	-46.52	-46.20	-36.01	-9.96
		30 MHz to 1 GHz	-43.64	-43.45	-43.27	-43.38	-26.01	-17.26
		1 GHz to 2.108 GHz	-26.99	-27.14	-27.04	-27.06	-16.01	-10.98
		2.182 GHz to 6 GHz	-30.42	-29.71	-30.50	-30.37	-26.01	-3.70
		6 GHz to 18 GHz	-31.26	-31.38	-31.84	-31.18	-16.01	-15.17
		18 GHz to 22 GHz	-36.86	-37.82	-36.28	-36.77	-16.01	-20.27

Table 8-158. Conducted Spurious Emission Summary Data (AWS_NR_1C_5M_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 175 of 270

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-55.00	-55.54	-54.62	-54.37	-46.01	-8.36
		150 kHz to 30 MHz	-44.65	-44.93	-44.91	-44.64	-36.01	-8.63
		30 MHz to 1 GHz	-50.47	-50.66	-51.02	-50.95	-26.01	-24.46
		1 GHz to 2.108 GHz	-33.51	-35.48	-34.76	-34.66	-16.01	-17.50
		2.182 GHz to 6 GHz	-24.37	-24.34	-24.19	-24.24	-16.01	-8.18
		6 GHz to 18 GHz	-29.87	-30.40	-30.15	-30.31	-16.01	-13.86
		18 GHz to 22 GHz	-36.67	-35.13	-36.34	-35.83	-16.01	-19.12
	1	9 kHz to 150 kHz	-55.36	-54.84	-54.14	-54.54	-46.01	-8.13
		150 kHz to 30 MHz	-44.73	-44.73	-44.71	-45.05	-36.01	-8.70
		30 MHz to 1 GHz	-51.59	-51.27	-52.07	-50.62	-26.01	-24.61
		1 GHz to 2.108 GHz	-35.38	-34.98	-35.79	-35.10	-16.01	-18.97
		2.182 GHz to 6 GHz	-25.12	-25.28	-24.67	-23.39	-16.01	-7.38
		6 GHz to 18 GHz	-32.46	-32.07	-31.79	-32.83	-16.01	-15.78
		18 GHz to 22 GHz	-36.90	-37.09	-37.24	-36.89	-16.01	-20.88
Middle	0	9 kHz to 150 kHz	-54.60	-54.96	-55.11	-54.80	-46.01	-8.59
		150 kHz to 30 MHz	-44.64	-44.67	-44.63	-44.75	-36.01	-8.62
		30 MHz to 1 GHz	-51.83	-49.71	-50.79	-50.38	-26.01	-23.70
		1 GHz to 2.108 GHz	-37.37	-36.42	-36.99	-37.29	-16.01	-20.41
		2.182 GHz to 6 GHz	-24.06	-24.50	-24.00	-24.12	-16.01	-7.99
		6 GHz to 18 GHz	-30.57	-30.65	-30.16	-29.53	-16.01	-13.52
		18 GHz to 22 GHz	-37.20	-36.75	-36.79	-37.01	-16.01	-20.74
	1	9 kHz to 150 kHz	-54.37	-55.43	-54.21	-53.57	-46.01	-7.56
		150 kHz to 30 MHz	-44.71	-44.75	-44.92	-44.80	-36.01	-8.70
		30 MHz to 1 GHz	-51.48	-51.55	-51.56	-51.29	-26.01	-25.28
		1 GHz to 2.108 GHz	-38.14	-36.47	-38.02	-38.12	-16.01	-20.46
		2.182 GHz to 6 GHz	-24.99	-24.81	-24.85	-25.64	-16.01	-8.80
		6 GHz to 18 GHz	-31.86	-32.44	-31.68	-32.41	-16.01	-15.67
		18 GHz to 22 GHz	-37.09	-36.38	-36.80	-36.72	-16.01	-20.37
High	0	9 kHz to 150 kHz	-54.81	-54.81	-54.62	-55.11	-46.01	-8.60
		150 kHz to 30 MHz	-45.01	-44.79	-44.91	-44.96	-36.01	-8.77
		30 MHz to 1 GHz	-51.03	-51.38	-51.61	-50.71	-26.01	-24.69
		1 GHz to 2.108 GHz	-36.39	-36.04	-36.64	-37.50	-16.01	-20.02
		2.182 GHz to 6 GHz	-27.40	-27.66	-28.81	-28.20	-26.01	-1.38
		6 GHz to 18 GHz	-30.03	-30.49	-30.47	-30.17	-16.01	-14.01
		18 GHz to 22 GHz	-37.04	-37.18	-36.29	-36.66	-16.01	-20.27
	1	9 kHz to 150 kHz	-54.98	-54.26	-54.78	-55.16	-46.01	-8.24
		150 kHz to 30 MHz	-45.07	-44.81	-44.75	-44.84	-36.01	-8.73
		30 MHz to 1 GHz	-51.86	-51.20	-51.58	-52.19	-26.01	-25.18
		1 GHz to 2.108 GHz	-38.16	-36.96	-38.20	-38.07	-16.01	-20.94
		2.182 GHz to 6 GHz	-27.08	-29.23	-31.79	-32.20	-26.01	-1.06
		6 GHz to 18 GHz	-31.42	-31.01	-29.87	-31.19	-16.01	-13.85
		18 GHz to 22 GHz	-35.97	-36.62	-37.60	-37.04	-16.01	-19.95

Table 8-159. Conducted Spurious Emission Summary Data (AWS_DSS_Ratio_9:1_1C_20M_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 176 of 270

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-54.59	-55.34	-54.92	-54.02	-46.01	-8.01
		150 kHz to 30 MHz	-44.85	-45.06	-44.84	-44.74	-36.01	-8.73
		30 MHz to 1 GHz	-50.88	-50.64	-51.14	-50.23	-26.01	-24.22
		1 GHz to 2.108 GHz	-35.06	-34.24	-36.87	-36.51	-16.01	-18.23
		2.182 GHz to 6 GHz	-24.01	-24.69	-24.28	-25.10	-16.01	-8.00
		6 GHz to 18 GHz	-31.30	-29.59	-31.18	-30.55	-16.01	-13.58
		18 GHz to 22 GHz	-37.50	-36.92	-36.69	-36.90	-16.01	-20.68
	1	9 kHz to 150 kHz	-55.16	-54.83	-54.33	-55.13	-46.01	-8.32
		150 kHz to 30 MHz	-45.13	-44.95	-44.95	-45.23	-36.01	-8.94
		30 MHz to 1 GHz	-52.09	-51.18	-50.07	-51.36	-26.01	-24.06
		1 GHz to 2.108 GHz	-36.20	-34.99	-37.18	-36.25	-16.01	-18.98
		2.182 GHz to 6 GHz	-25.62	-24.53	-24.10	-24.68	-16.01	-8.09
		6 GHz to 18 GHz	-31.79	-31.97	-31.01	-31.40	-16.01	-15.00
		18 GHz to 22 GHz	-36.96	-37.06	-35.82	-37.16	-16.01	-19.81
Middle	0	9 kHz to 150 kHz	-55.19	-54.75	-54.72	-54.65	-46.01	-8.64
		150 kHz to 30 MHz	-44.60	-44.68	-44.56	-44.70	-36.01	-8.55
		30 MHz to 1 GHz	-50.17	-50.92	-50.70	-50.71	-26.01	-24.16
		1 GHz to 2.108 GHz	-36.57	-36.70	-36.70	-36.91	-16.01	-20.56
		2.182 GHz to 6 GHz	-24.53	-24.14	-24.43	-24.24	-16.01	-8.13
		6 GHz to 18 GHz	-31.00	-31.00	-29.27	-30.85	-16.01	-13.26
		18 GHz to 22 GHz	-37.09	-36.60	-36.37	-36.84	-16.01	-20.36
	1	9 kHz to 150 kHz	-54.91	-54.29	-54.55	-54.58	-46.01	-8.28
		150 kHz to 30 MHz	-45.09	-44.72	-45.11	-44.83	-36.01	-8.71
		30 MHz to 1 GHz	-50.75	-51.53	-50.33	-50.19	-26.01	-24.18
		1 GHz to 2.108 GHz	-37.46	-36.52	-38.14	-37.22	-16.01	-20.51
		2.182 GHz to 6 GHz	-24.54	-25.65	-24.93	-25.22	-16.01	-8.53
		6 GHz to 18 GHz	-32.74	-32.47	-31.90	-32.04	-16.01	-15.89
		18 GHz to 22 GHz	-37.54	-35.99	-36.19	-37.50	-16.01	-19.98
High	0	9 kHz to 150 kHz	-55.30	-55.35	-54.97	-55.38	-46.01	-8.96
		150 kHz to 30 MHz	-44.89	-44.52	-44.60	-44.40	-36.01	-8.39
		30 MHz to 1 GHz	-50.26	-50.77	-50.65	-50.84	-26.01	-24.25
		1 GHz to 2.108 GHz	-36.51	-36.34	-35.28	-37.08	-16.01	-19.27
		2.182 GHz to 6 GHz	-27.94	-27.84	-29.00	-29.40	-26.01	-1.83
		6 GHz to 18 GHz	-30.74	-30.28	-30.88	-30.35	-16.01	-14.27
		18 GHz to 22 GHz	-36.47	-37.13	-37.21	-36.97	-16.01	-20.46
	1	9 kHz to 150 kHz	-54.82	-54.28	-54.19	-55.44	-46.01	-8.18
		150 kHz to 30 MHz	-45.06	-45.06	-44.76	-44.92	-36.01	-8.75
		30 MHz to 1 GHz	-51.28	-51.26	-51.12	-51.66	-26.01	-25.11
		1 GHz to 2.108 GHz	-37.69	-38.08	-37.84	-37.44	-16.01	-21.43
		2.182 GHz to 6 GHz	-30.56	-31.63	-32.11	-31.93	-26.01	-4.55
		6 GHz to 18 GHz	-32.03	-32.44	-31.67	-31.71	-16.01	-15.66
		18 GHz to 22 GHz	-36.79	-35.57	-36.83	-36.59	-16.01	-19.56

Table 8-160. Conducted Spurious Emission Summary Data (AWS_DSS_Ratio_5:5_1C_20M_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 177 of 270

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-54.90	-54.41	-53.65	-53.81	-46.01	-7.64
		150 kHz to 30 MHz	-45.09	-45.01	-44.88	-44.77	-36.01	-8.76
		30 MHz to 1 GHz	-51.53	-51.55	-51.01	-50.31	-26.01	-24.30
		1 GHz to 2.108 GHz	-34.05	-36.14	-35.83	-34.95	-16.01	-18.04
		2.182 GHz to 6 GHz	-23.31	-23.95	-24.32	-22.21	-16.01	-6.20
		6 GHz to 18 GHz	-30.19	-30.77	-28.98	-30.62	-16.01	-12.97
		18 GHz to 22 GHz	-35.45	-36.72	-36.97	-36.29	-16.01	-19.44
	1	9 kHz to 150 kHz	-54.28	-54.13	-54.61	-53.94	-46.01	-7.93
		150 kHz to 30 MHz	-45.04	-44.91	-44.85	-44.89	-36.01	-8.84
		30 MHz to 1 GHz	-51.31	-51.10	-51.33	-51.91	-26.01	-25.09
		1 GHz to 2.108 GHz	-35.69	-36.14	-36.73	-36.80	-16.01	-19.68
		2.182 GHz to 6 GHz	-25.21	-22.89	-22.86	-23.92	-16.01	-6.85
		6 GHz to 18 GHz	-31.53	-31.22	-32.29	-32.27	-16.01	-15.21
		18 GHz to 22 GHz	-36.60	-36.40	-36.64	-37.26	-16.01	-20.39
Middle	0	9 kHz to 150 kHz	-54.49	-54.07	-54.42	-54.69	-46.01	-8.06
		150 kHz to 30 MHz	-45.26	-45.03	-45.12	-45.03	-36.01	-9.02
		30 MHz to 1 GHz	-50.59	-50.36	-50.91	-50.30	-26.01	-24.29
		1 GHz to 2.108 GHz	-35.69	-34.92	-36.63	-36.68	-16.01	-18.91
		2.182 GHz to 6 GHz	-24.62	-24.66	-24.13	-24.91	-16.01	-8.12
		6 GHz to 18 GHz	-30.02	-31.18	-30.66	-30.45	-16.01	-14.01
		18 GHz to 22 GHz	-37.49	-36.49	-36.37	-36.63	-16.01	-20.36
	1	9 kHz to 150 kHz	-52.30	-53.38	-53.12	-53.77	-46.01	-6.29
		150 kHz to 30 MHz	-45.00	-44.91	-44.92	-45.04	-36.01	-8.90
		30 MHz to 1 GHz	-51.80	-49.87	-52.19	-52.04	-26.01	-23.86
		1 GHz to 2.108 GHz	-37.48	-38.01	-38.06	-36.56	-16.01	-20.55
		2.182 GHz to 6 GHz	-25.19	-25.45	-25.61	-25.21	-16.01	-9.18
		6 GHz to 18 GHz	-32.17	-32.21	-32.77	-31.32	-16.01	-15.31
		18 GHz to 22 GHz	-36.77	-37.32	-36.58	-36.31	-16.01	-20.30
High	0	9 kHz to 150 kHz	-54.50	-53.65	-53.83	-54.83	-46.01	-7.64
		150 kHz to 30 MHz	-44.77	-44.61	-44.86	-44.85	-36.01	-8.60
		30 MHz to 1 GHz	-50.39	-50.95	-50.31	-51.03	-26.01	-24.30
		1 GHz to 2.108 GHz	-37.12	-36.99	-36.76	-36.21	-16.01	-20.20
		2.182 GHz to 6 GHz	-29.45	-27.72	-28.33	-28.53	-26.01	-1.71
		6 GHz to 18 GHz	-30.01	-30.11	-30.28	-30.37	-16.01	-14.00
		18 GHz to 22 GHz	-36.58	-36.25	-36.64	-37.05	-16.01	-20.24
	1	9 kHz to 150 kHz	-54.02	-55.07	-54.56	-55.25	-46.01	-8.01
		150 kHz to 30 MHz	-45.01	-44.86	-44.90	-44.94	-36.01	-8.85
		30 MHz to 1 GHz	-51.54	-51.58	-51.75	-52.24	-26.01	-25.53
		1 GHz to 2.108 GHz	-37.09	-38.55	-37.17	-37.53	-16.01	-21.08
		2.182 GHz to 6 GHz	-32.48	-31.11	-32.04	-32.51	-26.01	-5.10
		6 GHz to 18 GHz	-31.70	-31.95	-32.63	-30.94	-16.01	-14.93
		18 GHz to 22 GHz	-36.18	-36.53	-35.97	-37.11	-16.01	-19.96

Table 8-161. Conducted Spurious Emission Summary Data (AWS_DSS_Ratio_2:8_1C_20M_2Tx)

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K22040101-00-R2.A3L	Test Dates: 04/25/2022 - 07/03/2022	EUT Type: RRU(RFV01U)		Page 178 of 270