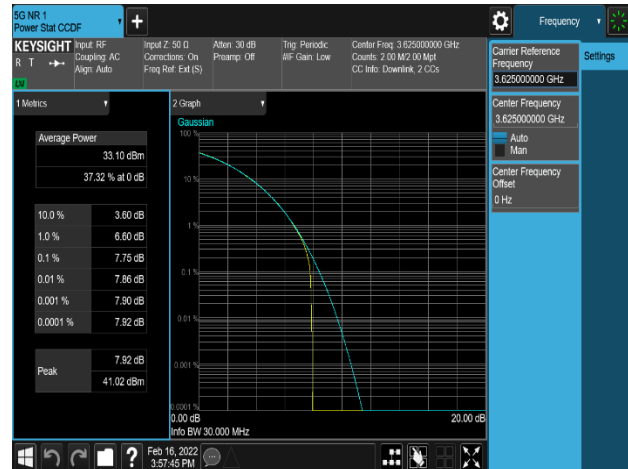
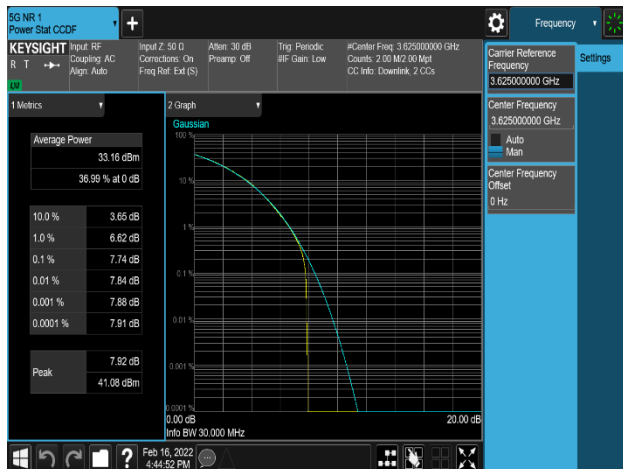


Plot 8-375. Peak To Average Power Ratio Plot
(NR_n48_2C_10M+10M_256QAM - Mid Channel, Port 0)



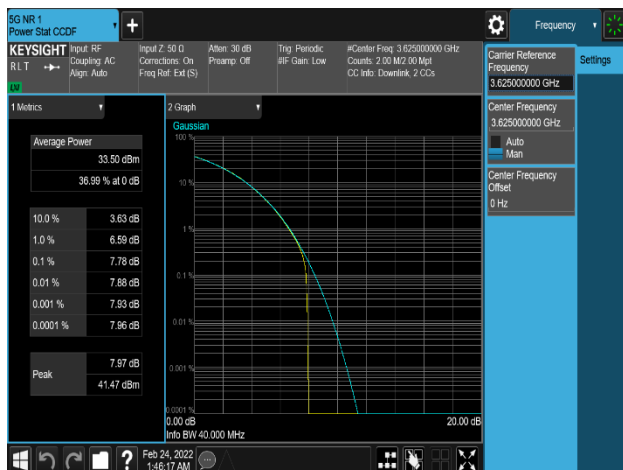
Plot 8-376. Peak To Average Power Ratio Plot
(NR_n48_2C_10M+20M_QPSK - Mid Channel, Port 0)



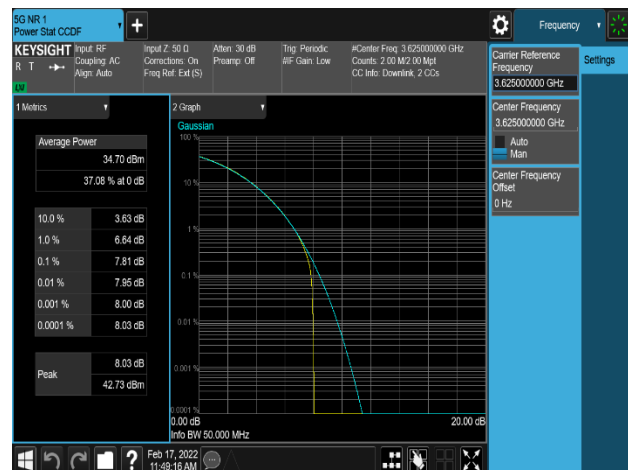
Plot 8-377. Peak To Average Power Ratio Plot
(NR_n48_2C_10M+20M_256QAM - Mid Channel, Port 0)



Plot 8-378. Peak To Average Power Ratio Plot
(NR_n48_2C_10M+30M_QPSK - Mid Channel, Port 0)

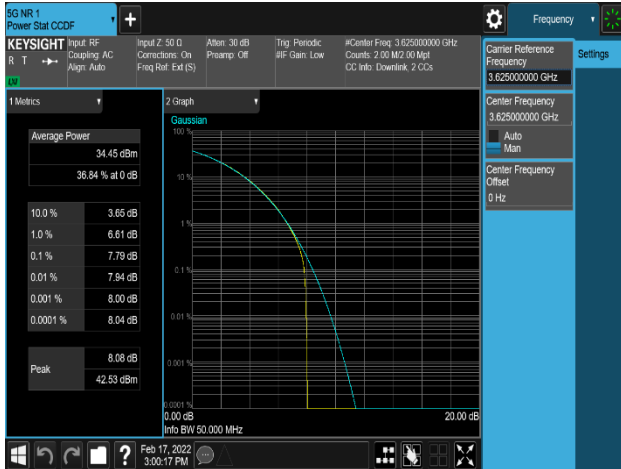


Plot 8-379. Peak To Average Power Ratio Plot
(NR_n48_2C_10M+30M_256QAM - Mid Channel, Port 0)

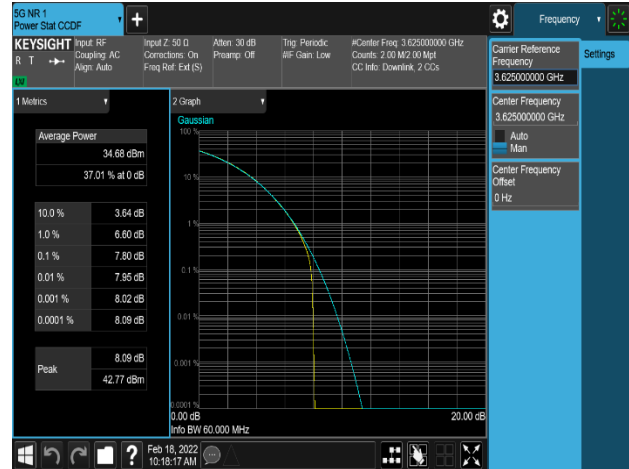


Plot 8-380. Peak To Average Power Ratio Plot
(NR_n48_2C_10M+40M_QPSK - Mid Channel, Port 0)

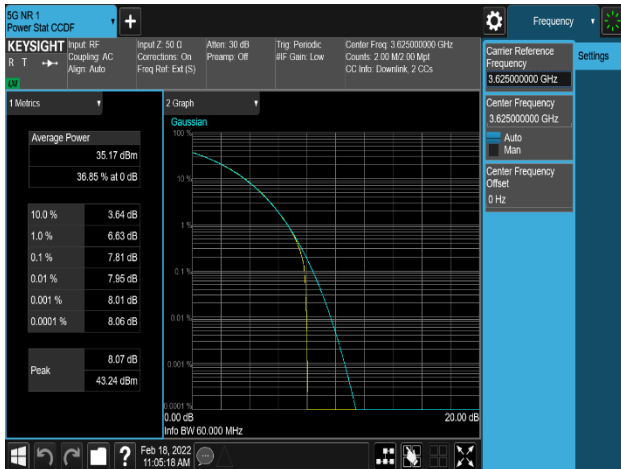
FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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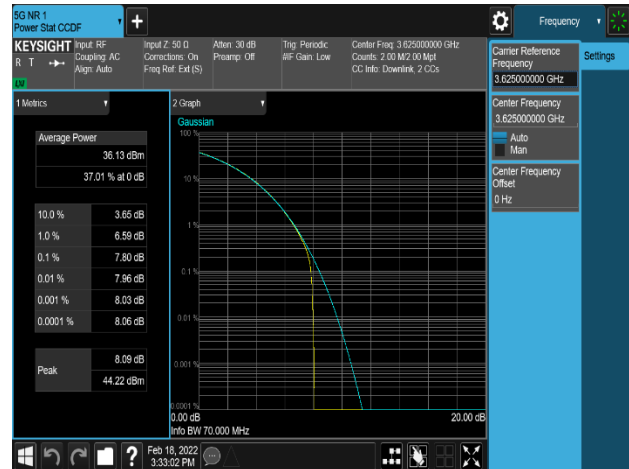
Plot 8-381. Peak To Average Power Ratio Plot (NR_n48_2C_10M+40M_256QAM - Mid Channel, Port 0)



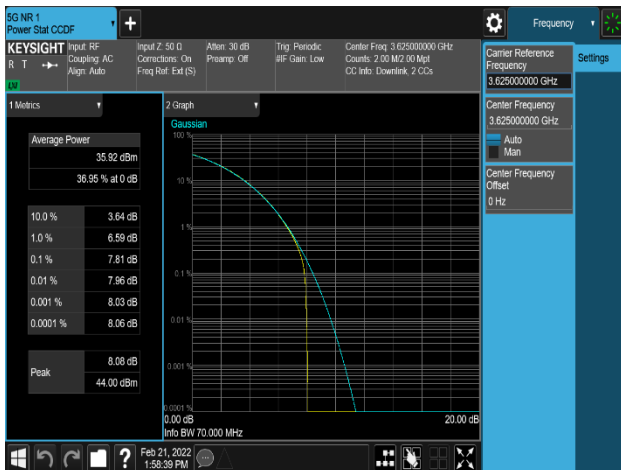
Plot 8-382. Peak To Average Power Ratio Plot (NR_n48_2C_20M+40M_QPSK - Mid Channel, Port 0)



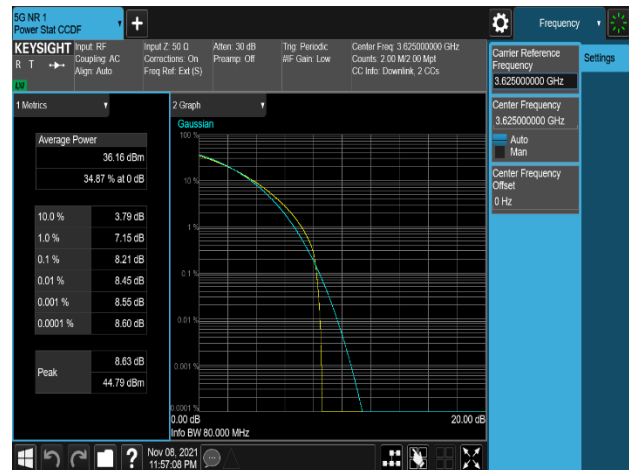
Plot 8-383. Peak To Average Power Ratio Plot (NR_n48_2C_20M+40M_256QAM - Mid Channel, Port 0)



Plot 8-384. Peak To Average Power Ratio Plot (NR_n48_2C_30M+40M_QPSK - Mid Channel, Port 0)

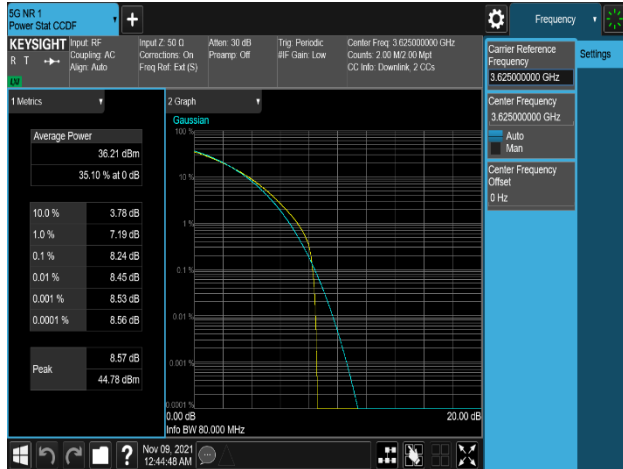


Plot 8-385. Peak To Average Power Ratio Plot (NR_n48_2C_30M+40M_256QAM - Mid Channel, Port 0)



Plot 8-386. Peak To Average Power Ratio Plot (NR_n48_2C_40M+40M_QPSK - Mid Channel, Port 0)

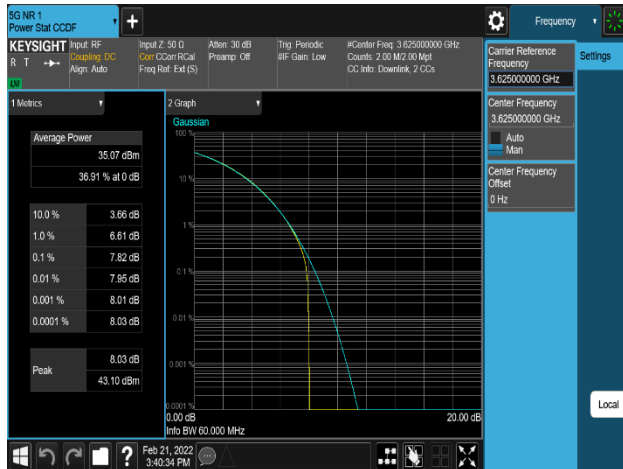
FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
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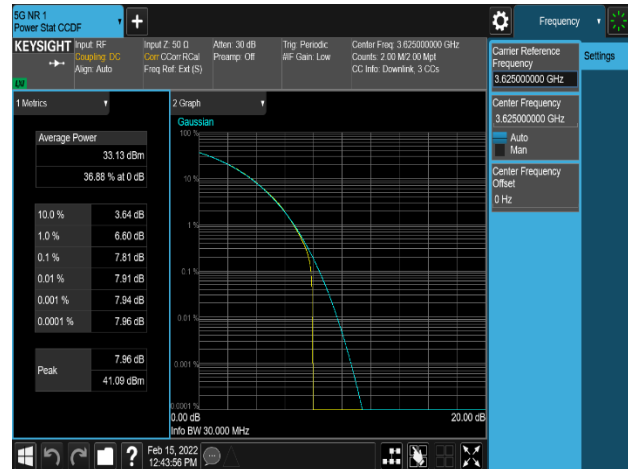
Plot 8-387. Peak To Average Power Ratio Plot (NR_n48_2C_40M+40M_256QAM - Mid Channel, Port 0)



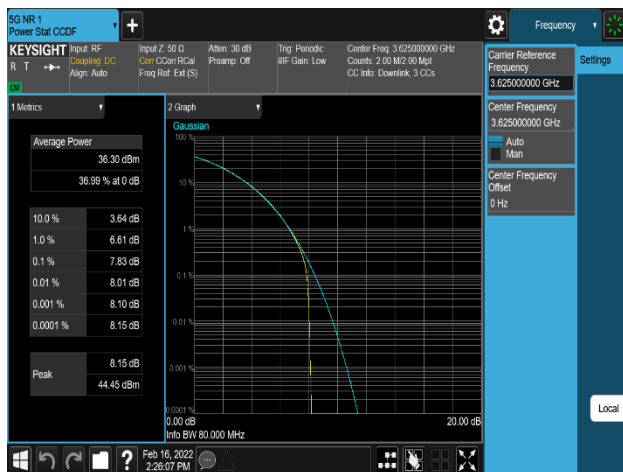
Plot 8-388. Peak To Average Power Ratio Plot (LTE_1C+NR_1C_10M+10M_QPSK-Mid Channel, Port0)



Plot 8-389. Peak To Average Power Ratio Plot (LTE_1C+NR_1C_20M+40M_QPSK-Mid Channel, Port0)



Plot 8-390. Peak To Average Power Ratio Plot (LTE_2C+NR_1C_10M+10M+10M_QPSK-Mid Channel, Port0)



Plot 8-391. Peak To Average Power Ratio Plot (LTE_2C+NR_1C_20M+20M+40M_QPSK-Mid Channel, Port0)

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8.7 Channel Edge Emissions at Antenna Terminal

Test Overview

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.

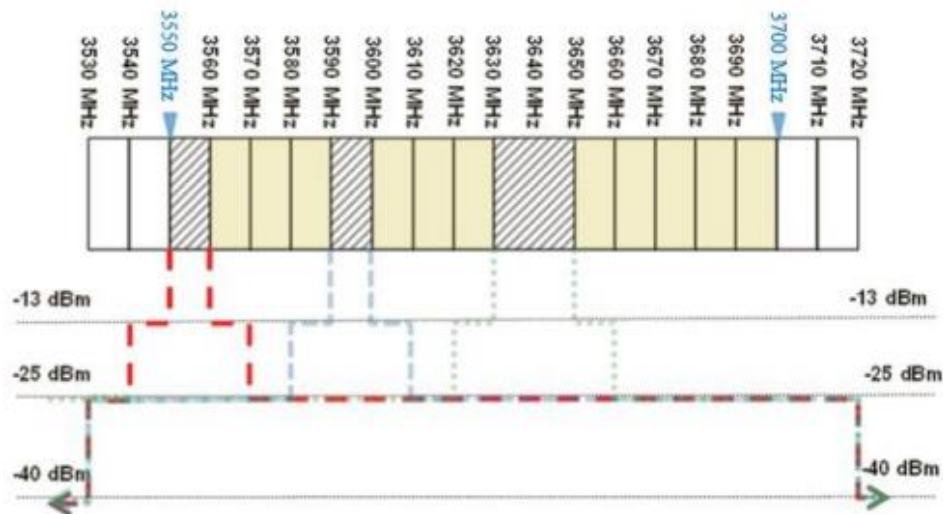
Test Procedure Used

ANSI C63.26 - Section 5.2.3.4.
KDB 971168 D01 v03r01 - Section 5.7
KDB 662911 D01 v02r01 - Section E)3)

Test Setting

1. Start and stop frequency were set such that the Channel Edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the Channel Edge
3. RBW: 1% of fundamental for measurements within 1 MHz immediately outside the authorized channel
1 MHz for beyond 1 MHz outside the authorized channel.
4. VBW $\geq 3 \times$ RBW
5. Detector = RMS
6. Number of sweep points $\geq 2 \times$ Span/RBW
7. Trace mode = trace average
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Limit



- Within 0 MHz to 10 MHz above and below the assigned channel ≤ -13 dBm/MHz
- Greater than 10 MHz above and below the assigned channel ≤ -25 dBm/MHz
- Any emission below 3530 MHz and above 3720 MHz ≤ -40 dBm/MHz

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Test Setup

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

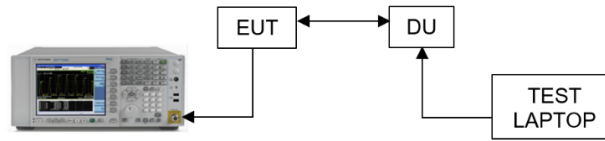


Figure 8-6. Test Instrument & Measurement Setup

Test Notes

- All the measurement has been tested but test table result, and test plots are referred from the worst of value of each of modulation of each antenna ports.
- When detected Emission, this value has been applied as reference offset in the spectrum analyzer.

Duty cycle correction factor was added to spectrum analyzer.
Duty cycle = transmit on-time / transmitter period = 3.72 ms / 5.00 ms = 0.74
Duty cycle correction factor = $10 \cdot \log(1/\text{duty cycle}) = 10 \cdot \log(1/0.74) = 1.28 \text{ dB}$
- Per Section 96.41(e)(3)—resolution bandwidth 1% of fundamental for measurements within 1 MHz immediately outside the authorized channel; and 1 MHz for beyond 1 MHz outside the authorized channel.
- The limits were adjusted by a factor of $[-10 \cdot \log(4)] \text{ dB}$ to account for the device operation as a 4 port MIMO transmitter, as per FCC KDB 622911. MIMO Factor calculation as below:
MIMO Factor = $10 \cdot \log(4) = 6.02 \text{ dB}$
- When the channel edge detect with a margin of under 1dB to Limit, That used to integration method was performed using the spectrum analyzer's band power functions. The spectrum analyzer marker was placed at one-half of the RBW away from the band edge. The integration value was set to a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter.

Frequency range	Basic Limit (dBm/MHz)	MIMO Factor (dB)	Adjusted limit (dBm)
0 MHz to 10 MHz above and below the assigned channel	-13	6.02	- 19.02
10 MHz above and below the assigned channel	-25	6.02	- 31.02
below 3530 MHz and above 3720 MHz	-40	6.02	- 46.02

Note: Adjusted limit (dBm/MHz) = Basic limit (dBm/1MHz) - MIMO Factor

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Channel	Port	Measured Range (GHz)	Max. Value (dBm)				Limit (dBm)	Worst Margin(dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	3.530 to 3.540	-45.58	-45.98	-46.25	-45.98	-31.02	-14.56
		3.540 to 3.549	-22.56	-22.12	-22.66	-21.33	-19.02	-2.31
		3.549 to 3.550	-34.73	-35.75	-33.49	-36.04	-19.02	-14.47
		3.560 to 3.561	-33.60	-34.33	-32.86	-35.23	-19.02	-13.84
		3.561 to 3.570	-21.34	-21.02	-21.52	-21.88	-19.02	-2.00
		3.570 to 3.720	-38.53	-38.80	-38.02	-37.81	-31.02	-6.79
	1	3.530 to 3.540	-45.73	-46.75	-47.04	-46.55	-31.02	-14.71
		3.540 to 3.549	-21.23	-21.92	-21.62	-22.28	-19.02	-2.21
		3.549 to 3.550	-34.61	-34.28	-35.35	-35.67	-19.02	-15.26
		3.560 to 3.561	-33.78	-32.70	-33.60	-32.36	-19.02	-13.34
		3.561 to 3.570	-21.66	-21.86	-21.91	-21.73	-19.02	-2.64
		3.570 to 3.720	-40.35	-41.21	-40.58	-40.40	-31.02	-9.33
	2	3.530 to 3.540	-45.46	-46.45	-46.54	-46.84	-31.02	-14.44
		3.540 to 3.549	-22.95	-21.67	-21.47	-21.51	-19.02	-2.45
		3.549 to 3.550	-35.02	-35.42	-35.51	-35.24	-19.02	-16.00
		3.560 to 3.561	-33.05	-34.65	-32.66	-32.43	-19.02	-13.41
		3.561 to 3.570	-21.23	-21.49	-21.25	-21.76	-19.02	-2.21
		3.570 to 3.720	-40.15	-40.08	-39.46	-39.50	-31.02	-8.44
	3	3.530 to 3.540	-45.32	-46.60	-46.38	-45.57	-31.02	-14.30
		3.540 to 3.549	-21.53	-20.87	-21.30	-22.06	-19.02	-1.85
		3.549 to 3.550	-34.56	-36.24	-34.14	-34.42	-19.02	-15.12
		3.560 to 3.561	-31.27	-34.46	-34.30	-33.33	-19.02	-12.25
		3.561 to 3.570	-21.59	-21.41	-21.37	-22.19	-19.02	-2.35
		3.570 to 3.720	-38.12	-38.26	-38.37	-38.65	-31.02	-7.10
Mid	0	3.530 to 3.610	-37.98	-37.72	-38.60	-37.86	-31.02	-6.70
		3.610 to 3.619	-21.13	-21.03	-22.40	-21.13	-19.02	-2.01
		3.619 to 3.620	-35.61	-35.46	-35.15	-34.08	-19.02	-15.06
		3.630 to 3.631	-34.24	-35.03	-32.52	-34.05	-19.02	-13.50
		3.631 to 3.640	-21.14	-21.06	-21.27	-20.75	-19.02	-1.73
		3.640 to 3.720	-39.64	-39.31	-39.57	-39.50	-31.02	-8.29
	1	3.530 to 3.610	-39.78	-40.14	-40.92	-39.82	-31.02	-8.76
		3.610 to 3.619	-20.92	-22.29	-20.98	-20.95	-19.02	-1.90
		3.619 to 3.620	-34.81	-33.96	-35.11	-36.05	-19.02	-14.94
		3.630 to 3.631	-34.05	-34.21	-31.80	-34.12	-19.02	-12.78
		3.631 to 3.640	-21.18	-21.15	-21.26	-21.25	-19.02	-2.13
		3.640 to 3.720	-40.75	-41.10	-41.88	-41.04	-31.02	-9.73
	2	3.530 to 3.610	-40.61	-40.25	-40.85	-40.06	-31.02	-9.04
		3.610 to 3.619	-21.67	-22.32	-21.14	-21.35	-19.02	-2.12
		3.619 to 3.620	-32.12	-36.43	-35.38	-35.17	-19.02	-13.10
		3.630 to 3.631	-34.20	-35.48	-34.52	-32.81	-19.02	-13.79
		3.631 to 3.640	-21.03	-20.82	-21.17	-21.04	-19.02	-1.80
		3.640 to 3.720	-39.87	-40.77	-40.47	-40.61	-31.02	-8.85

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	3	3.530 to 3.610	-38.26	-38.40	-38.17	-38.19	-31.02	-7.15
		3.610 to 3.619	-21.00	-21.38	-21.77	-22.16	-19.02	-1.98
		3.619 to 3.620	-34.14	-35.10	-35.53	-34.95	-19.02	-15.12
		3.630 to 3.631	-33.94	-34.60	-33.45	-34.38	-19.02	-14.43
		3.631 to 3.640	-21.22	-21.51	-21.01	-20.81	-19.02	-1.79
		3.640 to 3.720	-38.84	-38.91	-39.35	-38.86	-31.02	-7.82
High	0	3.530 to 3.680	-36.93	-36.61	-36.44	-36.77	-31.02	-5.42
		3.680 to 3.689	-21.74	-22.08	-21.24	-21.88	-19.02	-2.22
		3.689 to 3.690	-33.64	-35.40	-34.62	-34.52	-19.02	-14.62
		3.700 to 3.701	-34.11	-33.98	-35.04	-36.45	-19.02	-14.96
		3.701 to 3.710	-22.22	-21.85	-21.86	-22.10	-19.02	-2.83
		3.710 to 3.720	-48.43	-48.00	-48.75	-48.81	-31.02	-16.98
	1	3.530 to 3.680	-38.70	-38.36	-38.40	-38.49	-31.02	-7.34
		3.680 to 3.689	-21.27	-21.02	-20.80	-21.75	-19.02	-1.78
		3.689 to 3.690	-34.57	-35.13	-35.36	-34.22	-19.02	-15.20
		3.700 to 3.701	-36.18	-36.28	-33.48	-35.80	-19.02	-14.46
		3.701 to 3.710	-21.60	-22.49	-21.98	-21.91	-19.02	-2.58
		3.710 to 3.720	-50.56	-50.76	-50.39	-50.63	-31.02	-19.37
	2	3.530 to 3.680	-38.25	-38.71	-38.91	-39.05	-31.02	-7.23
		3.680 to 3.689	-21.24	-21.23	-21.04	-21.04	-19.02	-2.02
		3.689 to 3.690	-35.11	-35.67	-34.19	-33.69	-19.02	-14.67
		3.700 to 3.701	-35.22	-34.42	-34.96	-35.08	-19.02	-15.40
		3.701 to 3.710	-22.72	-22.02	-22.41	-21.59	-19.02	-2.57
		3.710 to 3.720	-50.27	-50.82	-50.49	-50.33	-31.02	-19.25
	3	3.530 to 3.680	-36.67	-36.44	-36.65	-36.95	-31.02	-5.42
		3.680 to 3.689	-21.13	-20.92	-21.39	-21.34	-19.02	-1.90
		3.689 to 3.690	-32.86	-33.95	-33.61	-34.28	-19.02	-13.84
		3.700 to 3.701	-32.59	-36.41	-32.58	-34.65	-19.02	-13.56
		3.701 to 3.710	-21.80	-21.68	-21.49	-21.61	-19.02	-2.47
		3.710 to 3.720	-50.92	-50.93	-51.07	-50.81	-31.02	-19.79

Table 8-86. Channel Edge Emission Summary Data (LTE_B48_1C_10M)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Channel	Port	Measured Range (GHz)	Max. Value (dBm)				Limit (dBm)	Worst Margin(dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	3.530 to 3.540	-48.57	-48.36	-47.02	-46.34	-31.02	-15.32
		3.540 to 3.549	-34.44	-33.45	-33.68	-32.58	-19.02	-13.56
		3.549 to 3.550	-36.10	-36.22	-34.85	-36.77	-19.02	-15.83
		3.565 to 3.566	-37.44	-36.36	-36.50	-36.47	-19.02	-17.34
		3.566 to 3.575	-33.62	-33.57	-33.80	-32.88	-19.02	-13.86
		3.575 to 3.720	-37.07	-35.86	-37.68	-36.23	-31.02	-4.84
	1	3.530 to 3.540	-47.15	-46.72	-46.25	-46.96	-31.02	-15.23
		3.540 to 3.549	-34.38	-35.44	-34.31	-34.71	-19.02	-15.29
		3.549 to 3.550	-37.39	-37.89	-35.93	-35.74	-19.02	-16.72
		3.565 to 3.566	-36.60	-35.52	-36.25	-37.70	-19.02	-16.50
		3.566 to 3.575	-34.46	-34.75	-34.12	-34.25	-19.02	-15.10
		3.575 to 3.720	-38.74	-37.27	-37.54	-37.52	-31.02	-6.25
	2	3.530 to 3.540	-48.72	-48.51	-48.20	-48.61	-31.02	-17.18
		3.540 to 3.549	-34.88	-35.34	-33.95	-33.70	-19.02	-14.68
		3.549 to 3.550	-35.61	-37.46	-37.31	-37.79	-19.02	-16.59
		3.565 to 3.566	-35.81	-35.78	-37.00	-37.40	-19.02	-16.76
		3.566 to 3.575	-33.93	-34.54	-33.92	-34.04	-19.02	-14.90
		3.575 to 3.720	-37.51	-38.79	-37.79	-36.62	-31.02	-5.60
	3	3.530 to 3.540	-47.96	-47.07	-47.92	-48.17	-31.02	-16.05
		3.540 to 3.549	-33.78	-33.39	-33.02	-33.67	-19.02	-14.00
		3.549 to 3.550	-37.43	-35.94	-37.01	-34.87	-19.02	-15.85
		3.565 to 3.566	-36.28	-36.30	-35.75	-35.44	-19.02	-16.42
		3.566 to 3.575	-33.39	-32.76	-32.88	-33.74	-19.02	-13.74
		3.575 to 3.720	-36.45	-37.10	-36.62	-35.69	-31.02	-4.67
Mid	0	3.530 to 3.6075	-38.52	-38.47	-37.77	-38.39	-31.02	-6.75
		3.6075 to 3.6165	-34.74	-34.22	-34.36	-33.53	-19.02	-14.51
		3.6165 to 3.6175	-36.11	-36.78	-36.70	-35.50	-19.02	-16.48
		3.6325 to 3.6335	-34.36	-31.43	-31.58	-31.89	-19.02	-12.41
		3.6335 to 3.6425	-33.36	-33.67	-33.18	-33.44	-19.02	-14.16
		3.6425 to 3.720	-39.61	-39.80	-39.53	-38.90	-31.02	-7.88
	1	3.530 to 3.6075	-39.72	-40.20	-39.77	-39.26	-31.02	-8.24
		3.6075 to 3.6165	-34.19	-34.95	-34.62	-34.24	-19.02	-15.17
		3.6165 to 3.6175	-36.04	-36.72	-37.43	-36.52	-19.02	-17.02
		3.6325 to 3.6335	-33.74	-34.59	-34.32	-33.53	-19.02	-14.51
		3.6335 to 3.6425	-34.72	-34.35	-34.34	-33.82	-19.02	-14.80
		3.6425 to 3.720	-40.82	-41.39	-40.18	-39.66	-31.02	-8.64
	2	3.530 to 3.6075	-39.75	-39.97	-39.86	-39.34	-31.02	-8.32
		3.6075 to 3.6165	-34.02	-35.19	-34.49	-34.61	-19.02	-15.00
		3.6165 to 3.6175	-37.26	-37.11	-36.00	-36.30	-19.02	-16.98
		3.6325 to 3.6335	-34.65	-31.75	-32.72	-31.80	-19.02	-12.73
		3.6335 to 3.6425	-34.38	-34.42	-33.62	-33.58	-19.02	-14.56
		3.6425 to 3.720	-40.44	-40.44	-40.60	-39.54	-31.02	-8.52

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)	Page 170 of 286	

	3	3.530 to 3.6075	-37.64	-37.56	-37.61	-36.51	-31.02	-5.49
		3.6075 to 3.6165	-33.18	-33.82	-33.59	-33.64	-19.02	-14.16
		3.6165 to 3.6175	-37.81	-37.06	-36.30	-36.29	-19.02	-17.27
		3.6325 to 3.6335	-34.42	-34.15	-33.65	-33.35	-19.02	-14.33
		3.6335 to 3.6425	-33.57	-33.90	-32.86	-33.10	-19.02	-13.84
		3.642.5 to 3.720	-38.49	-38.67	-37.73	-37.97	-31.02	-6.71
High	0	3.530 to 3.675	-34.87	-34.80	-34.48	-34.60	-31.02	-3.46
		3.675 to 3.684	-34.26	-34.42	-33.39	-33.74	-19.02	-14.37
		3.684 to 3.685	-35.62	-36.67	-35.64	-36.48	-19.02	-16.60
		3.700 to 3.701	-37.62	-34.20	-37.06	-36.47	-19.02	-15.18
		3.701 to 3.710	-34.96	-34.49	-34.92	-34.71	-19.02	-15.47
		3.710 to 3.720	-44.94	-44.86	-44.88	-44.75	-31.02	-13.73
	1	3.530 to 3.675	-35.30	-35.55	-35.43	-35.42	-31.02	-4.28
		3.675 to 3.684	-34.89	-33.95	-33.91	-34.03	-19.02	-14.89
		3.684 to 3.685	-36.77	-35.32	-36.03	-34.93	-19.02	-15.91
		3.700 to 3.701	-37.06	-36.71	-37.38	-37.87	-19.02	-17.69
		3.701 to 3.710	-35.00	-34.07	-34.72	-35.50	-19.02	-15.05
		3.710 to 3.720	-45.08	-45.19	-44.81	-45.16	-31.02	-13.79
	2	3.530 to 3.675	-35.11	-35.28	-34.85	-34.77	-31.02	-3.75
		3.675 to 3.684	-33.56	-34.45	-34.31	-34.38	-19.02	-14.54
		3.684 to 3.685	-34.70	-37.24	-35.20	-36.27	-19.02	-15.68
		3.700 to 3.701	-36.58	-36.49	-37.28	-34.61	-19.02	-15.59
		3.701 to 3.710	-34.85	-35.17	-34.38	-33.49	-19.02	-14.47
		3.710 to 3.720	-44.33	-44.30	-44.45	-44.54	-31.02	-13.28
	3	3.530 to 3.675	-34.54	-34.97	-34.75	-34.41	-31.02	-3.39
		3.675 to 3.684	-33.70	-33.68	-33.72	-33.85	-19.02	-14.66
		3.684 to 3.685	-36.98	-36.32	-34.98	-36.05	-19.02	-15.96
		3.700 to 3.701	-36.56	-36.57	-36.34	-37.56	-19.02	-17.32
		3.701 to 3.710	-34.33	-34.80	-34.54	-34.62	-19.02	-15.31
		3.710 to 3.720	-45.18	-44.95	-45.05	-44.97	-31.02	-13.93

Table 8-87. Channel Edge Emission Summary Data (LTE_B48_1C_15M)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 171 of 286

Channel	Port	Measured Range (GHz)	Max. Value (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	3.530 to 3.540	-48.11	-47.59	-47.00	-46.03	-31.02	-15.01
		3.540 to 3.549	-35.90	-36.70	-36.10	-34.86	-19.02	-15.84
		3.549 to 3.550	-33.42	-33.90	-33.40	-33.57	-19.02	-14.38
		3.570 to 3.571	-32.77	-31.17	-31.53	-31.52	-19.02	-12.15
		3.571 to 3.580	-35.70	-35.31	-35.94	-35.31	-19.02	-16.29
		3.580 to 3.720	-37.34	-37.14	-37.17	-37.11	-31.02	-6.09
	1	3.530 to 3.540	-50.09	-50.90	-49.57	-49.77	-31.02	-18.55
		3.540 to 3.549	-36.97	-36.45	-36.71	-36.41	-19.02	-17.39
		3.549 to 3.550	-33.86	-34.48	-34.67	-33.65	-19.02	-14.63
		3.570 to 3.571	-24.17	-31.74	-31.26	-31.22	-19.02	-5.15
		3.571 to 3.580	-34.59	-36.73	-35.77	-36.32	-19.02	-15.57
		3.580 to 3.720	-39.50	-38.94	-39.03	-39.15	-31.02	-7.92
	2	3.530 to 3.540	-46.33	-48.11	-47.06	-47.81	-31.02	-15.31
		3.540 to 3.549	-35.90	-37.92	-36.10	-36.22	-19.02	-16.88
		3.549 to 3.550	-32.34	-34.65	-32.33	-33.61	-19.02	-13.31
		3.570 to 3.571	-31.21	-32.33	-31.37	-30.86	-19.02	-11.84
		3.571 to 3.580	-36.14	-36.60	-36.11	-35.55	-19.02	-16.53
		3.580 to 3.720	-38.74	-37.69	-38.07	-38.24	-31.02	-6.67
	3	3.530 to 3.540	-48.10	-47.96	-47.47	-47.92	-31.02	-16.45
		3.540 to 3.549	-36.13	-36.92	-35.74	-35.95	-19.02	-16.72
		3.549 to 3.550	-32.72	-33.31	-31.42	-33.77	-19.02	-12.40
3.570 to 3.571		-28.63	-30.91	-29.60	-30.12	-19.02	-9.61	
3.571 to 3.580		-35.28	-35.86	-34.83	-34.40	-19.02	-15.38	
3.580 to 3.720		-37.51	-37.68	-37.66	-37.41	-31.02	-6.39	
Mid	0	3.530 to 3.605	-37.61	-37.28	-37.09	-36.98	-31.02	-5.96
		3.605 to 3.614	-35.06	-36.23	-35.90	-35.51	-19.02	-16.04
		3.614 to 3.615	-31.97	-33.09	-33.35	-32.02	-19.02	-12.95
		3.635 to 3.636	-29.88	-32.32	-29.38	-31.28	-19.02	-10.36
		3.636 to 3.645	-35.32	-35.33	-35.82	-35.55	-19.02	-16.30
		3.645 to 3.720	-37.28	-37.87	-36.80	-37.49	-31.02	-5.78
	1	3.530 to 3.605	-38.90	-38.86	-38.64	-38.92	-31.02	-7.62
		3.605 to 3.614	-36.64	-37.47	-36.30	-36.95	-19.02	-17.28
		3.614 to 3.615	-33.94	-33.65	-32.92	-33.33	-19.02	-13.90
		3.635 to 3.636	-29.24	-30.32	-33.05	-31.49	-19.02	-10.22
		3.636 to 3.645	-35.38	-36.62	-36.57	-35.90	-19.02	-16.36
		3.645 to 3.720	-38.54	-39.00	-39.83	-38.69	-31.02	-7.52
	2	3.530 to 3.605	-38.82	-38.61	-38.89	-37.95	-31.02	-6.93
		3.605 to 3.614	-36.47	-37.64	-37.52	-35.78	-19.02	-16.76
		3.614 to 3.615	-33.62	-34.18	-33.44	-31.73	-19.02	-12.71
		3.635 to 3.636	-31.29	-31.55	-30.81	-30.30	-19.02	-11.28
		3.636 to 3.645	-36.25	-36.61	-36.16	-36.29	-19.02	-17.14
		3.645 to 3.720	-38.28	-37.88	-39.70	-38.17	-31.02	-6.86

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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3	3.530 to 3.605	-37.16	-37.44	-36.98	-37.04	-31.02	-5.96	
	3.605 to 3.614	-35.38	-35.73	-35.65	-35.66	-19.02	-16.36	
	3.614 to 3.615	-32.74	-33.66	-32.77	-32.47	-19.02	-13.45	
	3.635 to 3.636	-30.26	-30.61	-29.81	-29.48	-19.02	-10.46	
	3.636 to 3.645	-35.31	-35.59	-34.69	-34.75	-19.02	-15.67	
	3.645 to 3.720	-36.82	-38.19	-36.61	-37.29	-31.02	-5.59	
High	0	3.530 to 3.670	-36.73	-36.82	-36.82	-35.77	-31.02	-4.75
		3.670 to 3.679	-36.90	-36.18	-35.98	-36.52	-19.02	-16.96
		3.679 to 3.680	-29.72	-31.96	-30.86	-31.16	-19.02	-10.70
		3.700 to 3.701	-34.85	-34.57	-34.70	-33.79	-19.02	-14.77
		3.701 to 3.710	-37.60	-38.41	-37.40	-37.35	-19.02	-18.33
		3.710 to 3.720	-46.62	-47.56	-47.69	-46.21	-31.02	-15.19
	1	3.530 to 3.670	-38.29	-38.13	-38.79	-37.30	-31.02	-6.28
		3.670 to 3.679	-36.91	-37.19	-37.07	-36.89	-19.02	-17.87
		3.679 to 3.680	-30.71	-30.77	-30.07	-32.30	-19.02	-11.05
		3.700 to 3.701	-33.86	-34.27	-34.44	-34.16	-19.02	-14.84
		3.701 to 3.710	-38.12	-38.76	-38.40	-38.13	-19.02	-19.10
		3.710 to 3.720	-48.70	-48.45	-48.76	-49.36	-31.02	-17.43
	2	3.530 to 3.670	-37.96	-37.33	-38.31	-38.18	-31.02	-6.31
		3.670 to 3.679	-36.62	-36.85	-36.88	-36.96	-19.02	-17.60
		3.679 to 3.680	-31.36	-30.53	-29.95	-29.45	-19.02	-10.43
		3.700 to 3.701	-33.70	-32.38	-33.81	-34.42	-19.02	-13.36
		3.701 to 3.710	-38.24	-38.62	-38.21	-38.23	-19.02	-19.19
		3.710 to 3.720	-49.04	-48.96	-49.55	-48.93	-31.02	-17.91
	3	3.530 to 3.670	-36.22	-36.85	-36.71	-36.54	-31.02	-5.20
		3.670 to 3.679	-35.99	-36.34	-35.25	-36.15	-19.02	-16.23
		3.679 to 3.680	-30.57	-30.71	-30.32	-31.39	-19.02	-11.30
		3.700 to 3.701	-33.78	-33.52	-34.30	-32.59	-19.02	-13.57
		3.701 to 3.710	-35.38	-37.68	-37.01	-37.62	-19.02	-16.36
		3.710 to 3.720	-49.63	-49.61	-49.58	-49.66	-31.02	-18.56

Table 8-88. Channel Edge Emission Summary Data (LTE_B48_1C_20M)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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Channel	Port	Measured Range (GHz)	Max. Value (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	3.530 to 3.540	-39.43	-40.78	-40.22	-40.24	-31.02	-8.41
		3.540 to 3.549	-28.73	-29.97	-28.35	-27.78	-19.02	-8.76
		3.549 to 3.550	-40.82	-40.81	-39.35	-38.22	-19.02	-19.20
		3.560 to 3.561	-39.93	-39.48	-39.11	-36.31	-19.02	-17.29
		3.561 to 3.570	-29.02	-31.40	-28.61	-28.85	-19.02	-9.59
		3.570 to 3.720	-40.76	-40.51	-40.37	-40.94	-31.02	-9.35
	1	3.530 to 3.540	-41.18	-41.76	-41.39	-41.40	-31.02	-10.16
		3.540 to 3.549	-28.27	-30.18	-29.06	-29.11	-19.02	-9.25
		3.549 to 3.550	-41.68	-40.83	-42.48	-42.27	-19.02	-21.81
		3.560 to 3.561	-37.61	-38.65	-36.13	-38.47	-19.02	-17.11
		3.561 to 3.570	-29.81	-29.65	-29.27	-30.34	-19.02	-10.25
		3.570 to 3.720	-39.89	-40.94	-40.71	-41.05	-31.02	-8.87
	2	3.530 to 3.540	-41.12	-41.45	-41.18	-41.23	-31.02	-10.10
		3.540 to 3.549	-28.90	-30.40	-28.34	-28.05	-19.02	-9.03
		3.549 to 3.550	-40.31	-41.85	-39.51	-39.58	-19.02	-20.49
		3.560 to 3.561	-38.17	-38.80	-38.23	-37.68	-19.02	-18.66
		3.561 to 3.570	-28.20	-31.24	-28.67	-29.10	-19.02	-9.18
		3.570 to 3.720	-39.52	-40.62	-40.16	-39.96	-31.02	-8.50
	3	3.530 to 3.540	-41.41	-41.42	-41.46	-41.36	-31.02	-10.34
		3.540 to 3.549	-28.60	-29.80	-29.37	-28.35	-19.02	-9.33
		3.549 to 3.550	-41.76	-39.80	-41.28	-40.19	-19.02	-20.78
3.560 to 3.561		-38.53	-38.87	-38.55	-36.39	-19.02	-17.37	
3.561 to 3.570		-28.47	-30.36	-29.24	-29.18	-19.02	-9.45	
3.570 to 3.720		-38.72	-38.85	-38.87	-39.00	-31.02	-7.70	
Mid	0	3.530 to 3.610	-40.23	-39.44	-39.13	-40.32	-31.02	-8.11
		3.610 to 3.619	-30.89	-31.00	-29.27	-29.89	-19.02	-10.25
		3.619 to 3.620	-39.12	-38.69	-38.43	-40.48	-19.02	-19.41
		3.630 to 3.631	-42.00	-41.46	-42.02	-42.30	-19.02	-22.44
		3.631 to 3.640	-31.07	-31.16	-30.41	-29.93	-19.02	-10.91
		3.640 to 3.720	-41.23	-39.82	-40.31	-40.58	-31.02	-8.80
	1	3.530 to 3.610	-40.60	-39.45	-40.39	-40.47	-31.02	-8.43
		3.610 to 3.619	-30.38	-29.72	-29.72	-28.68	-19.02	-9.66
		3.619 to 3.620	-39.37	-40.13	-39.90	-38.56	-19.02	-19.54
		3.630 to 3.631	-42.63	-41.23	-41.13	-40.73	-19.02	-21.71
		3.631 to 3.640	-29.67	-29.89	-30.10	-29.30	-19.02	-10.28
		3.640 to 3.720	-40.59	-39.72	-40.56	-40.10	-31.02	-8.70
	2	3.530 to 3.610	-40.12	-39.21	-40.13	-40.80	-31.02	-8.19
		3.610 to 3.619	-29.49	-30.16	-30.32	-30.02	-19.02	-10.47
		3.619 to 3.620	-38.96	-39.85	-39.30	-38.91	-19.02	-19.89
		3.630 to 3.631	-41.15	-41.99	-42.15	-42.47	-19.02	-22.13
		3.631 to 3.640	-29.67	-30.66	-30.30	-30.13	-19.02	-10.65
		3.640 to 3.720	-40.26	-40.07	-40.49	-40.90	-31.02	-9.05

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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	3	3.530 to 3.610	-38.55	-38.21	-38.65	-38.73	-31.02	-7.19
		3.610 to 3.619	-29.75	-31.34	-29.48	-30.03	-19.02	-10.46
		3.619 to 3.620	-37.85	-39.81	-39.33	-40.06	-19.02	-18.83
		3.630 to 3.631	-41.32	-41.38	-41.58	-40.70	-19.02	-21.68
		3.631 to 3.640	-30.02	-30.49	-30.02	-29.49	-19.02	-10.47
		3.640 to 3.720	-38.63	-38.74	-39.25	-40.12	-31.02	-7.61
High	0	3.530 to 3.680	-38.90	-39.46	-39.19	-39.29	-31.02	-7.88
		3.680 to 3.689	-28.40	-30.41	-28.75	-29.67	-19.02	-9.38
		3.689 to 3.690	-40.61	-39.53	-39.17	-38.61	-19.02	-19.59
		3.700 to 3.701	-42.88	-41.53	-41.16	-40.60	-19.02	-21.58
		3.701 to 3.710	-30.96	-32.02	-31.92	-31.41	-19.02	-11.94
		3.710 to 3.720	-41.69	-42.19	-42.18	-41.95	-31.02	-10.67
	1	3.530 to 3.680	-39.30	-40.00	-39.82	-40.21	-31.02	-8.28
		3.680 to 3.689	-28.60	-30.64	-29.61	-28.98	-19.02	-9.58
		3.689 to 3.690	-36.90	-38.32	-38.65	-39.33	-19.02	-17.88
		3.700 to 3.701	-40.57	-42.06	-41.91	-40.23	-19.02	-21.21
		3.701 to 3.710	-30.26	-30.76	-31.00	-30.61	-19.02	-11.24
		3.710 to 3.720	-41.50	-42.20	-41.88	-42.12	-31.02	-10.48
	2	3.530 to 3.680	-39.08	-39.14	-39.67	-39.57	-31.02	-8.06
		3.680 to 3.689	-27.85	-29.79	-29.75	-29.85	-19.02	-8.83
		3.689 to 3.690	-40.59	-39.90	-38.33	-40.37	-19.02	-19.31
		3.700 to 3.701	-42.89	-41.55	-44.12	-44.04	-19.02	-22.53
		3.701 to 3.710	-30.53	-31.92	-31.12	-30.65	-19.02	-11.51
		3.710 to 3.720	-41.10	-42.15	-42.05	-42.14	-31.02	-10.08
	3	3.530 to 3.680	-37.50	-36.99	-37.24	-37.60	-31.02	-5.97
		3.680 to 3.689	-28.04	-29.00	-27.62	-28.29	-19.02	-8.60
		3.689 to 3.690	-38.42	-38.28	-38.33	-38.91	-19.02	-19.26
		3.700 to 3.701	-42.58	-42.59	-41.08	-41.14	-19.02	-22.06
		3.701 to 3.710	-30.99	-31.35	-30.12	-30.77	-19.02	-11.10
		3.710 to 3.720	-41.82	-41.76	-41.66	-41.88	-31.02	-10.64

Table 8-89. Channel Edge Emission Summary Data (NR_n48_1C_10M)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 175 of 286

Channel	Port	Measured Range (GHz)	Max. Value (dBm)				Limit (dBm)	Worst Margin(dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	3.530 to 3.540	-42.91	-43.47	-43.28	-42.63	-31.02	-11.61
		3.540 to 3.549	-31.40	-32.86	-32.82	-31.52	-19.02	-12.38
		3.549 to 3.550	-31.05	-31.78	-29.94	-30.91	-19.02	-10.92
		3.570 to 3.571	-27.09	-24.87	-27.81	-27.07	-19.02	-5.85
		3.571 to 3.580	-31.76	-30.94	-31.51	-30.23	-19.02	-11.21
		3.580 to 3.720	-35.68	-36.87	-34.64	-35.89	-31.02	-3.62
	1	3.530 to 3.540	-44.87	-45.05	-44.87	-45.02	-31.02	-13.85
		3.540 to 3.549	-33.11	-33.16	-33.46	-32.30	-19.02	-13.28
		3.549 to 3.550	-30.95	-31.74	-30.73	-30.50	-19.02	-11.48
		3.570 to 3.571	-26.98	-27.95	-27.50	-28.67	-19.02	-7.96
		3.571 to 3.580	-31.62	-32.68	-31.86	-32.22	-19.02	-12.60
		3.580 to 3.720	-37.15	-37.25	-34.89	-36.42	-31.02	-3.87
	2	3.530 to 3.540	-43.44	-44.10	-42.78	-43.56	-31.02	-11.76
		3.540 to 3.549	-32.99	-32.88	-31.39	-32.63	-19.02	-12.37
		3.549 to 3.550	-30.70	-31.25	-30.18	-30.79	-19.02	-11.16
		3.570 to 3.571	-27.11	-26.31	-27.56	-26.98	-19.02	-7.29
		3.571 to 3.580	-31.03	-32.28	-30.56	-31.34	-19.02	-11.54
		3.580 to 3.720	-34.45	-37.15	-34.32	-35.18	-31.02	-3.30
	3	3.530 to 3.540	-43.80	-43.83	-43.83	-43.64	-31.02	-12.62
		3.540 to 3.549	-32.58	-32.56	-32.65	-32.53	-19.02	-13.51
		3.549 to 3.550	-29.84	-29.77	-31.40	-31.37	-19.02	-10.75
3.570 to 3.571		-25.34	-26.47	-26.23	-27.51	-19.02	-6.32	
3.571 to 3.580		-31.19	-30.89	-31.65	-30.98	-19.02	-11.87	
3.580 to 3.720		-34.76	-37.56	-35.67	-35.29	-31.02	-3.74	
Mid	0	3.530 to 3.605	-36.55	-37.92	-36.97	-36.93	-31.02	-5.53
		3.605 to 3.614	-31.77	-34.68	-31.88	-31.80	-19.02	-12.75
		3.614 to 3.615	-28.31	-28.50	-28.07	-28.78	-19.02	-9.05
		3.635 to 3.636	-29.00	-29.30	-29.09	-29.81	-19.02	-9.98
		3.636 to 3.645	-32.12	-35.62	-32.66	-31.80	-19.02	-12.78
		3.645 to 3.720	-36.19	-39.75	-36.14	-35.59	-31.02	-4.57
	1	3.530 to 3.605	-36.87	-39.21	-36.47	-36.96	-31.02	-5.45
		3.605 to 3.614	-31.63	-35.48	-30.22	-32.40	-19.02	-11.20
		3.614 to 3.615	-26.68	-29.19	-28.22	-28.01	-19.02	-7.66
		3.635 to 3.636	-30.56	-28.68	-28.59	-27.78	-19.02	-8.76
		3.636 to 3.645	-32.98	-35.55	-31.02	-31.67	-19.02	-12.00
		3.645 to 3.720	-34.64	-40.51	-36.42	-35.80	-31.02	-3.62
	2	3.530 to 3.605	-36.86	-38.98	-37.59	-36.24	-31.02	-5.22
		3.605 to 3.614	-32.48	-33.76	-31.32	-31.49	-19.02	-12.30
		3.614 to 3.615	-28.14	-29.39	-28.46	-28.02	-19.02	-9.00
		3.635 to 3.636	-29.50	-29.67	-28.32	-28.09	-19.02	-9.07
		3.636 to 3.645	-30.98	-35.80	-32.28	-31.71	-19.02	-11.96
		3.645 to 3.720	-34.90	-39.77	-36.06	-35.83	-31.02	-3.88

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 176 of 286

	3	3.530 to 3.605	-37.15	-37.51	-36.40	-37.13	-31.02	-5.38
		3.605 to 3.614	-31.49	-34.21	-30.56	-31.66	-19.02	-11.54
		3.614 to 3.615	-27.78	-26.75	-26.39	-26.30	-19.02	-7.28
		3.635 to 3.636	-30.25	-28.73	-30.06	-29.47	-19.02	-9.71
		3.636 to 3.645	-31.98	-35.13	-33.55	-33.26	-19.02	-12.96
		3.645 to 3.720	-35.19	-40.02	-36.23	-35.65	-31.02	-4.17
High	0	3.530 to 3.670	-38.11	-38.74	-37.80	-38.35	-31.02	-6.78
		3.670 to 3.679	-31.84	-32.81	-31.83	-32.41	-19.02	-12.81
		3.679 to 3.680	-29.08	-29.67	-29.18	-28.43	-19.02	-9.41
		3.700 to 3.701	-29.53	-32.11	-29.91	-30.45	-19.02	-10.51
		3.701 to 3.710	-32.89	-34.16	-32.57	-34.12	-19.02	-13.55
		3.710 to 3.720	-43.63	-43.80	-43.72	-43.80	-31.02	-12.61
	1	3.530 to 3.670	-39.43	-39.63	-39.17	-39.32	-31.02	-8.15
		3.670 to 3.679	-31.64	-33.11	-31.69	-33.04	-19.02	-12.62
		3.679 to 3.680	-29.75	-28.09	-27.33	-29.16	-19.02	-8.31
		3.700 to 3.701	-30.79	-30.69	-28.88	-28.77	-19.02	-9.75
		3.701 to 3.710	-32.58	-33.71	-32.57	-31.77	-19.02	-12.75
		3.710 to 3.720	-44.40	-44.30	-44.36	-44.17	-31.02	-13.15
	2	3.530 to 3.670	-39.18	-38.08	-39.60	-38.73	-31.02	-7.06
		3.670 to 3.679	-33.43	-30.07	-31.29	-31.93	-19.02	-11.05
		3.679 to 3.680	-28.48	-29.09	-27.24	-27.84	-19.02	-8.22
		3.700 to 3.701	-29.46	-31.73	-29.51	-30.80	-19.02	-10.44
		3.701 to 3.710	-32.95	-33.59	-32.24	-33.71	-19.02	-13.22
		3.710 to 3.720	-44.18	-44.52	-44.50	-44.24	-31.02	-13.16
	3	3.530 to 3.670	-38.23	-38.47	-37.11	-38.68	-31.02	-6.09
		3.670 to 3.679	-30.58	-30.43	-32.35	-32.56	-19.02	-11.41
		3.679 to 3.680	-27.74	-29.32	-28.02	-28.74	-19.02	-8.72
		3.700 to 3.701	-30.28	-31.51	-30.38	-30.57	-19.02	-11.26
		3.701 to 3.710	-32.57	-34.18	-33.28	-32.77	-19.02	-13.55
		3.710 to 3.720	-44.30	-44.34	-44.41	-44.24	-31.02	-13.22

Table 8-90. Channel Edge Emission Summary Data (NR_n48_1C_20M)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 177 of 286

Channel	Port	Measured Range (GHz)	Max. Value (dBm)				Limit (dBm)	Worst Margin(dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	3.530 to 3.540	-40.07	-40.19	-40.27	-39.82	-31.02	-8.80
		3.540 to 3.549	-35.66	-35.86	-34.40	-34.92	-19.02	-15.38
		3.549 to 3.550	-30.30	-31.14	-29.61	-31.78	-19.02	-10.59
		3.580 to 3.581	-27.35	-26.66	-26.68	-29.01	-19.02	-7.64
		3.581 to 3.590	-34.28	-34.45	-33.66	-33.72	-19.02	-14.64
		3.590 to 3.720	-39.06	-40.40	-39.57	-39.52	-31.02	-8.04
	1	3.530 to 3.540	-41.62	-41.70	-41.49	-41.55	-31.02	-10.47
		3.540 to 3.549	-35.00	-36.27	-35.68	-34.73	-19.02	-15.71
		3.549 to 3.550	-30.47	-30.16	-30.93	-31.77	-19.02	-11.14
		3.580 to 3.581	-27.44	-28.17	-27.62	-26.82	-19.02	-7.80
		3.581 to 3.590	-34.03	-34.70	-34.29	-33.96	-19.02	-14.94
		3.590 to 3.720	-37.91	-40.69	-39.18	-38.64	-31.02	-6.89
	2	3.530 to 3.540	-41.79	-41.94	-41.86	-41.48	-31.02	-10.46
		3.540 to 3.549	-34.94	-35.47	-34.61	-36.34	-19.02	-15.59
		3.549 to 3.550	-31.35	-32.21	-30.23	-31.48	-19.02	-11.21
		3.580 to 3.581	-28.64	-28.70	-28.43	-28.83	-19.02	-9.41
		3.581 to 3.590	-34.18	-33.46	-34.00	-34.76	-19.02	-14.44
		3.590 to 3.720	-40.47	-40.10	-39.61	-39.56	-31.02	-8.54
3	3.530 to 3.540	-41.07	-41.12	-40.94	-41.18	-31.02	-9.92	
	3.540 to 3.549	-34.46	-35.40	-34.86	-34.81	-19.02	-15.44	
	3.549 to 3.550	-30.35	-30.50	-30.64	-31.20	-19.02	-11.33	
	3.580 to 3.581	-28.97	-27.25	-27.38	-28.10	-19.02	-8.23	
	3.581 to 3.590	-33.53	-34.69	-32.48	-33.33	-19.02	-13.46	
	3.590 to 3.720	-37.78	-39.01	-37.16	-37.68	-31.02	-6.14	
Mid	0	3.530 to 3.600	-37.98	-38.77	-38.89	-38.19	-31.02	-6.96
		3.600 to 3.609	-34.35	-34.42	-34.05	-33.18	-19.02	-14.16
		3.609 to 3.610	-26.82	-27.99	-28.44	-27.08	-19.02	-7.80
		3.640 to 3.641	-29.10	-30.20	-29.42	-29.28	-19.02	-10.08
		3.641 to 3.650	-35.12	-34.39	-33.83	-35.05	-19.02	-14.81
		3.650 to 3.720	-39.39	-40.34	-39.12	-38.63	-31.02	-7.61
	1	3.530 to 3.600	-38.76	-38.37	-38.09	-38.50	-31.02	-7.07
		3.600 to 3.609	-34.60	-34.40	-34.26	-34.04	-19.02	-15.02
		3.609 to 3.610	-27.10	-26.45	-29.65	-26.12	-19.02	-7.10
		3.640 to 3.641	-29.24	-28.44	-29.28	-29.88	-19.02	-9.42
		3.641 to 3.650	-34.07	-36.33	-35.58	-33.41	-19.02	-14.39
		3.650 to 3.720	-38.85	-40.24	-38.37	-39.52	-31.02	-7.35
	2	3.530 to 3.600	-38.34	-38.87	-37.98	-37.76	-31.02	-6.74
		3.600 to 3.609	-35.09	-33.52	-34.93	-35.02	-19.02	-14.50
		3.609 to 3.610	-27.66	-27.78	-29.22	-28.74	-19.02	-8.64
		3.640 to 3.641	-29.61	-27.69	-30.23	-26.74	-19.02	-7.72
		3.641 to 3.650	-34.16	-33.90	-34.24	-34.07	-19.02	-14.88
		3.650 to 3.720	-38.71	-40.24	-39.50	-38.54	-31.02	-7.52

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 178 of 286

	3	3.530 to 3.600	-37.29	-38.38	-36.92	-37.02	-31.02	-5.90
		3.600 to 3.609	-33.66	-35.04	-33.48	-34.98	-19.02	-14.46
		3.609 to 3.610	-27.77	-28.53	-26.47	-25.87	-19.02	-6.85
		3.640 to 3.641	-29.83	-30.29	-27.51	-28.72	-19.02	-8.49
		3.641 to 3.650	-33.69	-34.56	-34.28	-34.49	-19.02	-14.67
		3.650 to 3.720	-38.84	-39.33	-38.27	-38.69	-31.02	-7.25
High	0	3.530 to 3.660	-38.88	-39.07	-39.08	-38.42	-31.02	-7.40
		3.660 to 3.669	-35.14	-35.35	-34.85	-33.10	-19.02	-14.08
		3.669 to 3.670	-26.96	-28.04	-27.22	-28.11	-19.02	-7.94
		3.700 to 3.701	-31.26	-30.60	-30.94	-30.62	-19.02	-11.58
		3.701 to 3.710	-34.83	-36.58	-35.85	-35.85	-19.02	-15.81
		3.710 to 3.720	-41.06	-41.34	-41.15	-41.13	-31.02	-10.04
	1	3.530 to 3.660	-38.18	-38.02	-37.89	-38.09	-31.02	-6.87
		3.660 to 3.669	-33.50	-34.84	-34.35	-34.47	-19.02	-14.48
		3.669 to 3.670	-27.59	-28.30	-26.98	-27.93	-19.02	-7.96
		3.700 to 3.701	-29.53	-31.84	-30.21	-29.86	-19.02	-10.51
		3.701 to 3.710	-35.97	-35.81	-34.97	-36.33	-19.02	-15.95
		3.710 to 3.720	-41.24	-41.09	-40.93	-41.19	-31.02	-9.91
	2	3.530 to 3.660	-38.30	-38.76	-38.35	-38.69	-31.02	-7.28
		3.660 to 3.669	-34.81	-35.28	-33.94	-34.08	-19.02	-14.92
		3.669 to 3.670	-25.48	-27.93	-29.07	-27.75	-19.02	-6.46
		3.700 to 3.701	-30.62	-30.27	-31.16	-30.67	-19.02	-11.25
		3.701 to 3.710	-34.96	-35.98	-36.82	-36.64	-19.02	-15.94
		3.710 to 3.720	-40.86	-41.06	-40.92	-41.10	-31.02	-9.84
	3	3.530 to 3.660	-37.34	-38.26	-37.24	-37.74	-31.02	-6.22
		3.660 to 3.669	-34.21	-34.89	-34.02	-34.89	-19.02	-15.00
		3.669 to 3.670	-28.99	-29.25	-28.10	-27.67	-19.02	-8.65
		3.700 to 3.701	-30.35	-31.83	-30.12	-31.95	-19.02	-11.10
		3.701 to 3.710	-36.51	-34.48	-35.14	-34.76	-19.02	-15.46
		3.710 to 3.720	-41.57	-41.66	-41.04	-41.54	-31.02	-10.02

Table 8-91. Channel Edge Emission Summary Data (NR_n48_1C_30M)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 179 of 286

Channel	Port	Measured Range (GHz)	Max. Value (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	3.530 to 3.540	-45.77	-45.92	-45.29	-45.03	-31.02	-14.01
		3.540 to 3.549	-36.23	-36.81	-35.89	-36.18	-19.02	-16.87
		3.549 to 3.550	-21.63	-22.11	-20.82	-21.08	-19.02	-1.80
		3.590 to 3.591	-21.48	-20.13	-21.29	-20.52	-19.02	-1.11
		3.591 to 3.600	-35.44	-35.62	-35.41	-34.36	-19.02	-15.34
		3.600 to 3.720	-36.28	-37.10	-37.12	-36.58	-31.02	-5.26
	1	3.530 to 3.540	-48.92	-48.77	-47.91	-49.34	-31.02	-16.89
		3.540 to 3.549	-36.63	-36.21	-36.31	-37.28	-19.02	-17.19
		3.549 to 3.550	-22.33	-22.72	-21.96	-21.34	-19.02	-2.32
		3.590 to 3.591	-21.38	-20.21	-21.02	-20.49	-19.02	-1.19
		3.591 to 3.600	-35.50	-36.09	-35.73	-35.78	-19.02	-16.48
		3.600 to 3.720	-36.82	-38.28	-37.49	-37.06	-31.02	-5.80
	2	3.530 to 3.540	-47.35	-47.27	-46.69	-44.88	-31.02	-13.86
		3.540 to 3.549	-36.86	-37.14	-36.72	-36.22	-19.02	-17.20
		3.549 to 3.550	-20.97	-22.53	-21.29	-21.43	-19.02	-1.95
		3.590 to 3.591	-20.62	-20.81	-20.50	-20.51	-19.02	-1.48
		3.591 to 3.600	-35.52	-36.81	-35.89	-35.12	-19.02	-16.10
		3.600 to 3.720	-37.51	-37.73	-37.21	-36.82	-31.02	-5.80
	3	3.530 to 3.540	-47.85	-46.78	-47.81	-47.26	-31.02	-15.76
		3.540 to 3.549	-36.96	-36.74	-36.92	-36.31	-19.02	-17.29
		3.549 to 3.550	-22.46	-22.24	-22.01	-21.30	-19.02	-2.28
		3.590 to 3.591	-20.69	-20.85	-21.05	-20.36	-19.02	-1.34
		3.591 to 3.600	-34.83	-35.74	-36.03	-34.76	-19.02	-15.74
		3.600 to 3.720	-37.13	-37.84	-37.16	-36.16	-31.02	-5.14
Mid	0	3.530 to 3.595	-36.83	-36.70	-37.09	-37.23	-31.02	-5.68
		3.595 to 3.604	-35.06	-35.25	-35.25	-34.56	-19.02	-15.54
		3.604 to 3.605	-21.09	-22.26	-21.36	-20.40	-19.02	-1.38
		3.645 to 3.646	-20.09	-20.83	-21.29	-20.75	-19.02	-1.07
		3.646 to 3.655	-35.82	-36.05	-36.05	-35.99	-19.02	-16.80
		3.655 to 3.720	-38.33	-38.30	-38.49	-39.04	-31.02	-7.28
	1	3.530 to 3.595	-37.74	-37.16	-37.38	-37.59	-31.02	-6.14
		3.595 to 3.604	-35.28	-35.13	-35.67	-35.40	-19.02	-16.11
		3.604 to 3.605	-21.34	-21.19	-20.86	-20.69	-19.02	-1.67
		3.645 to 3.646	-21.23	-20.71	-21.50	-21.37	-19.02	-1.69
		3.646 to 3.655	-36.63	-36.37	-36.77	-35.83	-19.02	-16.81
		3.655 to 3.720	-39.06	-38.41	-38.45	-38.48	-31.02	-7.39
	2	3.530 to 3.595	-37.44	-37.40	-37.43	-38.21	-31.02	-6.38
		3.595 to 3.604	-35.83	-34.91	-35.86	-35.37	-19.02	-15.89
		3.604 to 3.605	-21.13	-21.89	-21.06	-20.27	-19.02	-1.25
		3.645 to 3.646	-20.78	-21.16	-22.13	-21.61	-19.02	-1.76
		3.646 to 3.655	-35.99	-36.47	-36.83	-37.11	-19.02	-16.97
		3.655 to 3.720	-39.64	-38.82	-39.39	-39.12	-31.02	-7.80

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	3	3.530 to 3.595	-37.13	-37.72	-36.53	-37.31	-31.02	-5.51
		3.595 to 3.604	-34.64	-35.69	-35.23	-35.12	-19.02	-15.62
		3.604 to 3.605	-20.42	-20.89	-21.62	-20.79	-19.02	-1.40
		3.645 to 3.646	-21.83	-21.04	-21.71	-21.55	-19.02	-2.02
		3.646 to 3.655	-35.57	-36.84	-36.79	-36.19	-19.02	-16.55
		3.655 to 3.720	-38.71	-39.72	-38.83	-38.71	-31.02	-7.69
High	0	3.530 to 3.650	-37.05	-37.63	-37.48	-37.42	-31.02	-6.03
		3.650 to 3.659	-35.59	-35.94	-35.86	-36.09	-19.02	-16.57
		3.659 to 3.660	-20.80	-21.27	-21.37	-21.30	-19.02	-1.78
		3.700 to 3.701	-22.47	-21.07	-21.80	-22.72	-19.02	-2.05
		3.701 to 3.710	-37.60	-37.80	-37.01	-37.46	-19.02	-17.99
		3.710 to 3.720	-46.75	-47.06	-46.91	-47.23	-31.02	-15.73
	1	3.530 to 3.650	-37.67	-38.81	-38.15	-37.89	-31.02	-6.65
		3.650 to 3.659	-36.26	-36.12	-36.23	-36.74	-19.02	-17.10
		3.659 to 3.660	-20.93	-22.02	-21.48	-20.61	-19.02	-1.59
		3.700 to 3.701	-21.93	-20.40	-22.42	-22.25	-19.02	-1.38
		3.701 to 3.710	-37.18	-37.44	-37.67	-38.27	-19.02	-18.16
		3.710 to 3.720	-48.29	-49.34	-48.93	-49.61	-31.02	-17.27
	2	3.530 to 3.650	-37.19	-37.22	-38.11	-38.85	-31.02	-6.17
		3.650 to 3.659	-35.89	-36.48	-36.30	-36.71	-19.02	-16.87
		3.659 to 3.660	-20.74	-22.02	-21.30	-20.35	-19.02	-1.33
		3.700 to 3.701	-21.56	-21.54	-21.63	-22.39	-19.02	-2.52
		3.701 to 3.710	-37.88	-38.07	-37.83	-38.30	-19.02	-18.81
		3.710 to 3.720	-49.56	-50.51	-50.16	-50.71	-31.02	-18.54
	3	3.530 to 3.650	-37.11	-37.73	-36.91	-38.26	-31.02	-5.89
		3.650 to 3.659	-35.69	-36.31	-36.09	-36.35	-19.02	-16.67
		3.659 to 3.660	-21.97	-21.21	-21.24	-20.28	-19.02	-1.26
		3.700 to 3.701	-22.09	-20.80	-22.60	-22.28	-19.02	-1.78
		3.701 to 3.710	-37.83	-38.05	-37.39	-37.90	-19.02	-18.37
		3.710 to 3.720	-51.00	-51.30	-50.72	-51.17	-31.02	-19.70

Table 8-92. Channel Edge Emission Summary Data (NR_n48_1C_40M)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Configuration	Max. Value (dBm)						Limit (dBm)	Worst Margin (dB)
	Measured Range (GHz)	Low	Measured Range (GHz)	Middle	Measured Range (GHz)	High		
LTE_2C 10M+10M	3.530 to 3.540	-47.64	3.530 to 3.605	-37.39	3.530 to 3.670	-37.03	-31.02	-6.01
	3.540 to 3.549	-22.17	3.605 to 3.614	-22.15	3.670 to 3.679	-23.14	-19.02	-3.13
	3.549 to 3.550	-29.04	3.614 to 3.615	-26.03	3.679 to 3.680	-27.66	-19.02	-7.01
	3.570 to 3.571	-26.56	3.635 to 3.636	-27.21	3.700 to 3.701	-28.29	-19.02	-7.54
	3.571 to 3.580	-22.59	3.636 to 3.645	-22.32	3.701 to 3.710	-22.58	-19.02	-3.30
	3.580 to 3.720	-37.88	3.645 to 3.720	-38.68	3.710 to 3.720	-47.13	-31.02	-6.86
LTE_2C 10M+15M	3.530 to 3.540	-37.76	3.530 to 3.6025	-36.97	3.530 to 3.665	-37.01	-31.02	-5.95
	3.540 to 3.549	-22.13	3.6025 to 3.6115	-21.54	3.665 to 3.674	-21.37	-19.02	-2.35
	3.549 to 3.550	-23.47	3.6115 to 3.6125	-20.98	3.674 to 3.675	-21.69	-19.02	-1.96
	3.575 to 3.576	-27.37	3.6375 to 3.6385	-27.22	3.700 to 3.701	-24.88	-19.02	-5.86
	3.576 to 3.585	-31.54	3.6385 to 3.6475	-32.82	3.701 to 3.710	-32.22	-19.02	-12.52
	3.585 to 3.720	-35.87	3.6475 to 3.720	-37.06	3.710 to 3.720	-40.29	-31.02	-4.85
LTE_2C 15M+15M	3.530 to 3.540	-38.64	3.530 to 3.600	-36.67	3.530 to 3.660	-36.92	-31.02	-5.65
	3.540 to 3.549	-31.96	3.600 to 3.609	-33.16	3.660 to 3.669	-32.64	-19.02	-12.94
	3.549 to 3.550	-27.57	3.609 to 3.610	-28.71	3.669 to 3.670	-27.53	-19.02	-8.51
	3.580 to 3.581	-27.06	3.640 to 3.641	-28.47	3.700 to 3.701	-27.93	-19.02	-8.04
	3.581 to 3.590	-32.67	3.641 to 3.650	-32.92	3.701 to 3.710	-33.69	-19.02	-13.65
	3.590 to 3.720	-37.26	3.650 to 3.720	-37.47	3.710 to 3.720	-41.59	-31.02	-6.24
LTE_2C 20M+20M	3.530 to 3.540	-45.63	3.530 to 3.595	-35.05	3.530 to 3.650	-36.72	-31.02	-4.03
	3.540 to 3.549	-35.93	3.595 to 3.604	-35.05	3.650 to 3.659	-36.01	-19.02	-16.03
	3.549 to 3.550	-26.53	3.604 to 3.605	-26.09	3.659 to 3.660	-24.57	-19.02	-5.55
	3.590 to 3.591	-27.07	3.645 to 3.646	-27.34	3.700 to 3.701	-26.46	-19.02	-7.44
	3.591 to 3.600	-34.89	3.646 to 3.655	-36.78	3.701 to 3.710	-37.48	-19.02	-15.87
	3.600 to 3.720	-35.31	3.655 to 3.720	-37.58	3.710 to 3.720	-45.88	-31.02	-4.29
LTE_3C 10M+10M +15M	3.530 to 3.540	-37.91	3.530 to 3.5975	-34.32	3.530 to 3.655	-36.54	-31.02	-3.30
	3.540 to 3.549	-21.59	3.5975 to 3.6065	-21.70	3.655 to 3.664	-20.20	-19.02	-1.18
	3.549 to 3.550	-37.46	3.6065 to 3.6075	-36.84	3.664 to 3.665	-37.04	-19.02	-17.82
	3.585 to 3.586	-37.56	3.6425 to 3.6435	-37.77	3.700 to 3.701	-38.98	-19.02	-18.54
	3.586 to 3.595	-31.94	3.6435 to 3.6525	-32.97	3.701 to 3.710	-33.02	-19.02	-12.92
	3.595 to 3.720	-36.86	3.6525 to 3.720	-35.88	3.710 to 3.720	-46.41	-31.02	-4.86
LTE_3C 10M+15M +20M	3.530 to 3.540	-38.58	3.530 to 3.5925	-34.24	3.530 to 3.645	-36.00	-31.02	-3.22
	3.540 to 3.549	-20.94	3.5925 to 3.6015	-21.05	3.645 to 3.654	-21.03	-19.02	-1.92
	3.549 to 3.550	-40.08	3.6015 to 3.6025	-39.58	3.654 to 3.655	-39.50	-19.02	-20.48
	3.595 to 3.596	-40.45	3.6475 to 3.6485	-39.63	3.700 to 3.701	-40.72	-19.02	-20.61
	3.596 to 3.605	-33.92	3.6485 to 3.6575	-34.26	3.701 to 3.710	-34.95	-19.02	-14.90
	3.605 to 3.720	-37.14	3.6575 to 3.720	-35.98	3.710 to 3.720	-46.18	-31.02	-4.96
LTE_3C 10M+20M +20M	3.530 to 3.540	-39.01	3.530 to 3.590	-34.49	3.530 to 3.640	-35.80	-31.02	-3.47
	3.540 to 3.549	-21.22	3.590 to 3.599	-21.15	3.640 to 3.649	-20.61	-19.02	-1.59
	3.549 to 3.550	-32.71	3.599 to 3.600	-33.66	3.649 to 3.650	-35.75	-19.02	-13.69
	3.600 to 3.601	-33.45	3.650 to 3.651	-32.67	3.700 to 3.701	-36.80	-19.02	-13.65
	3.601 to 3.610	-34.20	3.651 to 3.660	-34.21	3.701 to 3.710	-34.54	-19.02	-15.18
	3.610 to 3.720	-36.54	3.660 to 3.720	-36.22	3.710 to 3.720	-45.92	-31.02	-5.20

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LTE_3C 15M+20M +20M	3.530 to 3.540	-38.55	3.530 to 3.5875	-33.57	3.530 to 3.635	-35.76	-31.02	-2.55
	3.540 to 3.549	-31.64	3.5875 to 3.5965	-30.42	3.635 to 3.644	-32.38	-19.02	-11.40
	3.549 to 3.550	-39.53	3.5965 to 3.5975	-38.91	3.644 to 3.645	-38.66	-19.02	-19.63
	3.605 to 3.606	-38.01	3.6525 to 3.6535	-39.32	3.700 to 3.701	-40.12	-19.02	-18.99
	3.606 to 3.615	-33.84	3.6535 to 3.6625	-32.61	3.701 to 3.710	-34.39	-19.02	-13.59
	3.615 to 3.720	-36.34	3.6625 to 3.720	-35.39	3.710 to 3.720	-45.45	-31.02	-4.37
LTE_3C 20M+20M +20M	3.530 to 3.540	-39.09	3.530 to 3.585	-34.14	3.530 to 3.630	-35.55	-31.02	-3.12
	3.540 to 3.549	-34.27	3.585 to 3.594	-33.66	3.630 to 3.639	-34.36	-19.02	-14.64
	3.549 to 3.550	-21.39	3.594 to 3.595	-21.44	3.639 to 3.640	-21.78	-19.02	-2.37
	3.610 to 3.611	-21.26	3.655 to 3.656	-22.10	3.700 to 3.701	-22.39	-19.02	-2.24
	3.611 to 3.620	-34.48	3.656 to 3.665	-34.40	3.701 to 3.710	-34.96	-19.02	-15.38
	3.620 to 3.720	-36.71	3.665 to 3.720	-36.84	3.710 to 3.720	-46.03	-31.02	-5.69
LTE_4C 10M+10M +10M+10M	3.530 to 3.540	-40.34	3.530 to 3.595	-34.64	3.530 to 3.650	-35.51	-31.02	-3.62
	3.540 to 3.549	-22.28	3.595 to 3.604	-22.72	3.650 to 3.659	-22.05	-19.02	-3.03
	3.549 to 3.550	-35.42	3.604 to 3.605	-35.80	3.659 to 3.660	-35.29	-19.02	-16.27
	3.590 to 3.591	-34.21	3.645 to 3.646	-35.91	3.700 to 3.701	-35.98	-19.02	-15.19
	3.591 to 3.600	-22.27	3.646 to 3.655	-22.13	3.701 to 3.710	-22.49	-19.02	-3.11
	3.600 to 3.720	-35.75	3.655 to 3.720	-35.52	3.710 to 3.720	-40.81	-31.02	-4.50
LTE_4C 10M+15M +20M+20M	3.530 to 3.540	-38.86	3.530 to 3.5825	-34.56	3.530 to 3.625	-35.81	-31.02	-3.54
	3.540 to 3.549	-22.65	3.5825 to 3.5915	-22.30	3.625 to 3.634	-21.81	-19.02	-2.79
	3.549 to 3.550	-35.73	3.5915 to 3.5925	-34.33	3.634 to 3.635	-34.59	-19.02	-15.31
	3.615 to 3.616	-34.47	3.6575 to 3.6585	-35.40	3.700 to 3.701	-36.41	-19.02	-15.45
	3.616 to 3.625	-34.46	3.6585 to 3.6675	-34.66	3.701 to 3.710	-35.38	-19.02	-15.44
	3.625 to 3.720	-36.87	3.6675 to 3.720	-36.78	3.710 to 3.720	-45.92	-31.02	-5.76
LTE_4C 10M+20M +20M+20M	3.530 to 3.540	-39.05	3.530 to 3.580	-34.12	3.530 to 3.620	-35.83	-31.02	-3.10
	3.540 to 3.549	-22.09	3.580 to 3.589	-21.27	3.620 to 3.629	-21.83	-19.02	-2.25
	3.549 to 3.550	-34.79	3.589 to 3.590	-33.35	3.629 to 3.630	-34.44	-19.02	-14.33
	3.620 to 3.621	-34.15	3.660 to 3.661	-35.48	3.700 to 3.701	-35.81	-19.02	-15.13
	3.621 to 3.630	-34.25	3.661 to 3.670	-35.43	3.701 to 3.710	-35.36	-19.02	-15.23
	3.630 to 3.720	-36.60	3.670 to 3.720	-37.43	3.710 to 3.720	-46.16	-31.02	-5.58
LTE_4C 15M+20M +20M+20M	3.530 to 3.540	-48.41	3.530 to 3.5775	-35.69	3.530 to 3.615	-34.48	-31.02	-3.46
	3.540 to 3.549	-34.93	3.5775 to 3.5865	-34.41	3.615 to 3.624	-35.88	-19.02	-15.39
	3.549 to 3.550	-32.10	3.5865 to 3.5875	-32.36	3.624 to 3.625	-33.31	-19.02	-13.08
	3.625 to 3.626	-33.05	3.6625 to 3.6635	-33.91	3.700 to 3.701	-33.68	-19.02	-14.03
	3.626 to 3.635	-36.22	3.6635 to 3.6725	-37.68	3.701 to 3.710	-38.32	-19.02	-17.20
	3.635 to 3.720	-36.72	3.6725 to 3.720	-37.55	3.710 to 3.720	-49.01	-31.02	-5.70
LTE_4C 20M+20M +20M+20M	3.530 to 3.540	-40.32	3.530 to 3.575	-34.37	3.530 to 3.610	-35.61	-31.02	-3.35
	3.540 to 3.549	-34.31	3.575 to 3.584	-33.74	3.610 to 3.619	-34.65	-19.02	-14.72
	3.549 to 3.550	-33.53	3.584 to 3.585	-33.45	3.619 to 3.620	-33.21	-19.02	-14.19
	3.630 to 3.631	-32.76	3.665 to 3.666	-33.60	3.700 to 3.701	-33.62	-19.02	-13.74
	3.631 to 3.640	-34.13	3.666 to 3.675	-34.31	3.701 to 3.710	-35.44	-19.02	-15.11
	3.640 to 3.720	-35.39	3.675 to 3.720	-36.46	3.710 to 3.720	-46.00	-31.02	-4.37

Table 8-93. Channel Edge Emission Summary Data (LTE_B48_Multi Carrier)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Configuration	Max. Value (dBm)						Limit (dBm)	Worst Margin (dB)
	Measured Range (GHz)	Low	Measured Range (GHz)	Middle	Measured Range (GHz)	High		
NR_2C 10M+10M	3.530 to 3.540	-39.25	3.530 to 3.605	-36.05	3.530 to 3.670	-36.08	-31.02	-5.03
	3.540 to 3.549	-29.76	3.605 to 3.614	-30.35	3.670 to 3.679	-28.89	-19.02	-9.87
	3.549 to 3.550	-37.04	3.614 to 3.615	-36.43	3.679 to 3.680	-32.74	-19.02	-13.72
	3.570 to 3.571	-33.69	3.635 to 3.636	-36.68	3.700 to 3.701	-37.12	-19.02	-14.67
	3.571 to 3.580	-29.62	3.636 to 3.645	-30.20	3.701 to 3.710	-30.88	-19.02	-10.60
	3.580 to 3.720	-38.32	3.645 to 3.720	-36.44	3.710 to 3.720	-41.30	-31.02	-5.42
NR_2C 10M+20M	3.530 to 3.540	-39.51	3.530 to 3.600	-38.70	3.530 to 3.660	-38.38	-31.02	-7.36
	3.540 to 3.549	-29.39	3.600 to 3.609	-29.88	3.660 to 3.669	-30.85	-19.02	-10.37
	3.549 to 3.550	-29.07	3.609 to 3.610	-29.62	3.669 to 3.670	-28.59	-19.02	-9.57
	3.580 to 3.581	-22.18	3.640 to 3.641	-20.80	3.700 to 3.701	-23.50	-19.02	-1.78
	3.581 to 3.590	-32.56	3.641 to 3.650	-33.83	3.701 to 3.710	-33.05	-19.02	-13.54
	3.590 to 3.720	-38.19	3.650 to 3.720	-38.48	3.710 to 3.720	-41.35	-31.02	-7.17
NR_2C 10M+30M	3.530 to 3.540	-39.78	3.530 to 3.595	-38.07	3.530 to 3.650	-38.83	-31.02	-7.05
	3.540 to 3.549	-30.26	3.595 to 3.604	-31.02	3.650 to 3.659	-30.64	-19.02	-11.24
	3.549 to 3.550	-23.35	3.604 to 3.605	-21.36	3.659 to 3.660	-22.15	-19.02	-2.34
	3.590 to 3.591	-21.83	3.645 to 3.646	-22.43	3.700 to 3.701	-23.95	-19.02	-2.81
	3.591 to 3.600	-33.64	3.646 to 3.655	-33.97	3.701 to 3.710	-36.16	-19.02	-14.62
	3.600 to 3.720	-38.68	3.655 to 3.720	-37.76	3.710 to 3.720	-41.50	-31.02	-6.74
NR_2C 10M+40M	3.530 to 3.540	-38.84	3.530 to 3.590	-35.15	3.530 to 3.640	-37.13	-31.02	-4.13
	3.540 to 3.549	-29.97	3.590 to 3.599	-30.21	3.640 to 3.649	-30.29	-19.02	-10.95
	3.549 to 3.550	-36.67	3.599 to 3.600	-35.85	3.649 to 3.650	-35.51	-19.02	-16.49
	3.600 to 3.601	-34.44	3.650 to 3.651	-35.03	3.700 to 3.701	-35.86	-19.02	-15.42
	3.601 to 3.610	-33.56	3.651 to 3.660	-33.16	3.701 to 3.710	-34.19	-19.02	-14.14
	3.610 to 3.720	-37.19	3.660 to 3.720	-37.49	3.710 to 3.720	-47.68	-31.02	-6.17
NR_2C 20M+40M	3.530 to 3.540	-38.90	3.530 to 3.585	-35.19	3.530 to 3.630	-36.07	-31.02	-4.17
	3.540 to 3.549	-32.56	3.585 to 3.594	-33.65	3.630 to 3.639	-32.88	-19.02	-13.54
	3.549 to 3.550	-35.94	3.594 to 3.595	-34.19	3.639 to 3.640	-33.70	-19.02	-14.68
	3.610 to 3.611	-34.08	3.655 to 3.656	-33.18	3.700 to 3.701	-33.87	-19.02	-14.16
	3.611 to 3.620	-32.49	3.656 to 3.665	-32.91	3.701 to 3.710	-34.31	-19.02	-13.47
	3.620 to 3.720	-37.03	3.665 to 3.720	-36.90	3.710 to 3.720	-47.93	-31.02	-5.88
NR_2C 30M+40M	3.530 to 3.540	-38.63	3.530 to 3.580	-34.98	3.530 to 3.620	-36.25	-31.02	-3.96
	3.540 to 3.549	-33.96	3.580 to 3.589	-34.05	3.620 to 3.629	-34.58	-19.02	-14.94
	3.549 to 3.550	-35.77	3.589 to 3.590	-34.79	3.629 to 3.630	-34.05	-19.02	-15.03
	3.620 to 3.621	-33.84	3.660 to 3.661	-33.42	3.700 to 3.701	-34.42	-19.02	-14.40
	3.621 to 3.630	-33.55	3.661 to 3.670	-31.96	3.701 to 3.710	-33.53	-19.02	-12.94
	3.630 to 3.720	-36.96	3.670 to 3.720	-36.85	3.710 to 3.720	-47.19	-31.02	-5.83
NR_2C 40M+40M	3.530 to 3.540	-41.42	3.530 to 3.575	-35.51	3.530 to 3.610	-36.17	-31.02	-4.49
	3.540 to 3.549	-23.26	3.575 to 3.584	-32.86	3.610 to 3.619	-32.56	-19.02	-4.24
	3.549 to 3.550	-34.37	3.584 to 3.585	-33.83	3.619 to 3.620	-32.82	-19.02	-13.80
	3.630 to 3.631	-24.62	3.665 to 3.666	-26.23	3.700 to 3.701	-26.47	-19.02	-5.60
	3.631 to 3.640	-24.96	3.666 to 3.675	-25.30	3.701 to 3.710	-24.81	-19.02	-5.79
	3.640 to 3.720	-32.69	3.675 to 3.720	-32.63	3.710 to 3.720	-41.33	-31.02	-1.61

Table 8-94. Channel Edge Emission Summary Data (NR_n48_Multi Carrier)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 184 of 286

Configuration	Max. Value (dBm)						Limit (dBm)	Worst Margin (dB)
	Measured Range (GHz)	Low	Measured Range (GHz)	Middle	Measured Range (GHz)	High		
LTE_1C_10M+NR_1C_10M	3.530 to 3.540	-49.35	3.530 to 3.605	-35.73	3.530 to 3.670	-36.11	-31.02	-4.71
	3.540 to 3.549	-22.66	3.605 to 3.614	-23.09	3.670 to 3.679	-22.02	-19.02	-3.00
	3.549 to 3.550	-29.91	3.614 to 3.615	-30.17	3.679 to 3.680	-28.46	-19.02	-9.44
	3.570 to 3.571	-32.41	3.635 to 3.636	-35.59	3.700 to 3.701	-37.74	-19.02	-13.39
	3.571 to 3.580	-31.62	3.636 to 3.645	-32.33	3.701 to 3.710	-32.90	-19.02	-12.60
	3.580 to 3.720	-36.73	3.645 to 3.720	-36.76	3.710 to 3.720	-51.08	-31.02	-5.71
LTE_1C_20M + NR_1C_40M	3.530 to 3.540	-48.17	3.530 to 3.585	-36.95	3.530 to 3.630	-37.55	-31.02	-5.93
	3.540 to 3.549	-37.07	3.585 to 3.594	-37.38	3.630 to 3.639	-37.76	-19.02	-18.05
	3.549 to 3.550	-37.42	3.594 to 3.595	-37.35	3.639 to 3.640	-37.19	-19.02	-18.17
	3.610 to 3.611	-34.83	3.655 to 3.656	-35.82	3.700 to 3.701	-37.20	-19.02	-15.81
	3.611 to 3.620	-35.62	3.656 to 3.665	-36.39	3.701 to 3.710	-38.11	-19.02	-16.60
	3.620 to 3.720	-37.36	3.665 to 3.720	-38.85	3.710 to 3.720	-51.37	-31.02	-6.34
LTE_2C_10M+10M+NR_1C_10M	3.530 to 3.540	-49.34	3.530 to 3.600	-35.51	3.530 to 3.660	-33.98	-31.02	-2.96
	3.540 to 3.549	-22.19	3.600 to 3.609	-22.49	3.660 to 3.669	-22.66	-19.02	-3.17
	3.549 to 3.550	-23.52	3.609 to 3.610	-23.53	3.669 to 3.670	-22.28	-19.02	-3.26
	3.580 to 3.581	-30.14	3.640 to 3.641	-30.70	3.700 to 3.701	-31.51	-19.02	-11.12
	3.581 to 3.590	-31.72	3.641 to 3.650	-31.82	3.701 to 3.710	-33.03	-19.02	-12.70
	3.590 to 3.720	-36.43	3.650 to 3.720	-36.95	3.710 to 3.720	-49.80	-31.02	-5.41
LTE_2C_20M+20M+NR_1C_40M	3.530 to 3.540	-46.37	3.530 to 3.575	-36.51	3.530 to 3.610	-36.41	-31.02	-5.39
	3.540 to 3.549	-36.59	3.575 to 3.584	-36.21	3.610 to 3.619	-37.01	-19.02	-17.19
	3.549 to 3.550	-35.78	3.584 to 3.585	-35.56	3.619 to 3.620	-36.71	-19.02	-16.54
	3.630 to 3.631	-34.33	3.665 to 3.666	-35.52	3.700 to 3.701	-36.21	-19.02	-15.31
	3.631 to 3.640	-35.83	3.666 to 3.675	-36.99	3.701 to 3.710	-38.03	-19.02	-16.81
	3.640 to 3.720	-35.89	3.675 to 3.720	-37.89	3.710 to 3.720	-50.64	-31.02	-4.87

Table 8-95. Channel Edge Emission Summary Data (LTE_B48 + NR_n48_Multi-RAT)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 185 of 286

Configuration	Measured Range (GHz)	Max. Value (dBm)	Limit (dBm)	Margin (dB)
LTE_2C_10 M+10M Non- Contiguous	3.530 to 3.540	-47.51	-31.02	-16.49
	3.540 to 3.549	-22.71	-19.02	-3.69
	3.549 to 3.550	-36.19	-19.02	-17.17
	3.560 to 3.561	-35.19	-19.02	-16.17
	3.561 to 3.570	-22.47	-19.02	-3.447
	3.570 to 3.680	-33.65	-31.02	-2.634
	3.680 to 3.689	-22.79	-19.02	-3.772
	3.689 to 3.690	-35.67	-19.02	-16.650
	3.700 to 3.701	-37.28	-19.02	-18.260
	3.701 to 3.710	-22.82	-19.02	-3.802
	3.710 to 3.720	-49.15	-31.02	-18.130
LTE_2C_20 M+20M Non- Contiguous	3.530 to 3.540	-44.76	-31.02	-13.74
	3.540 to 3.549	-34.72	-19.02	-15.70
	3.549 to 3.550	-38.60	-19.02	-19.58
	3.570 to 3.571	-36.53	-19.02	-17.51
	3.571 to 3.580	-34.68	-19.02	-15.66
	3.580 to 3.670	-34.75	-31.02	-3.726
	3.670 to 3.679	-35.85	-19.02	-16.83
	3.679 to 3.680	-38.33	-19.02	-19.31
	3.700 to 3.701	-37.76	-19.02	-18.74
	3.701 to 3.710	-35.63	-19.02	-16.61
	3.710 to 3.720	-44.64	-31.02	-13.62
LTE_4C_10 M+10M+10M +10M Non- Contiguous	3.530 to 3.540	-40.61	-31.02	-9.59
	3.540 to 3.549	-22.72	-19.02	-3.71
	3.549 to 3.550	-36.91	-19.02	-17.89
	3.560 to 3.561	-35.31	-19.02	-16.29
	3.561 to 3.570	-22.20	-19.02	-3.19
	3.570 to 3.660	-35.90	-31.02	-4.88
	3.660 to 3.669	-23.70	-31.02	-4.68
	3.669 to 3.670	-34.46	-19.02	-15.44
	3.700 to 3.701	-35.63	-19.02	-16.61
	3.701 to 3.710	-22.90	-19.02	-3.88
	3.710 to 3.720	-36.47	-19.02	-5.45
	3.530 to 3.540	-35.12	-31.02	-4.10
	3.540 to 3.549	-22.89	-31.02	-3.87
	3.549 to 3.550	-37.68	-19.02	-18.66
	3.560 to 3.561	-34.87	-19.02	-15.85
	3.561 to 3.570	-22.82	-19.02	-3.80
	3.570 to 3.660	-37.06	-19.02	-6.04
	3.660 to 3.669	-24.06	-31.02	-5.04
	3.669 to 3.670	-37.32	-31.02	-18.30
	3.700 to 3.701	-38.36	-19.02	-19.34
	3.701 to 3.710	-23.58	-19.02	-4.56
3.710 to 3.720	-41.26	-19.02	-10.24	

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 186 of 286

LTE_4C_20 M+20M+20M +20M Non- Contiguous	3.530 to 3540	-40.49	-31.02	-9.47
	3.540 to 3.549	-33.91	-19.02	-14.89
	3.549 to 3.550	-39.96	-19.02	-20.94
	3.570 to 3.571	-39.68	-19.02	-20.66
	3.571 to 3.580	-34.07	-19.02	-15.05
	3.580 to 3.685	-34.35	-31.02	-3.33
	3.585 to 3.594	-33.29	-19.02	-14.27
	3.594 to 3.595	-40.23	-19.02	-21.21
	3.615 to 3.61	-38.35	-19.02	-19.33
	3.616 to 3.625	-34.43	-19.02	-15.41
	3.625 to 3.634	-33.89	-31.02	-14.87
	3.634 to 3.635	-34.24	-31.02	-15.22
	3.655 to 3.656	-33.87	-19.02	-14.85
	3.656 to 3.665	-33.94	-19.02	-14.92
	3.665 to 3.670	-33.89	-19.02	-2.87
	3.670 to 3.679	-33.98	-19.02	-14.96
	3.679 to 3.680	-36.32	-31.02	-17.30
	3.700 to 3.701	-35.67	-19.02	-16.65
	3.701 to 3.710	-34.94	-19.02	-15.92
3.71 to 3.720	-40.92	-19.02	-9.90	

Table 8-96. Channel Edge Emission Summary Data (LTE_B48_Non-Contiguous)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)	Page 187 of 286	

Configuration	Measured Range (GHz)	Max. Value (dBm)	Limit (dBm)	Margin (dB)
NR_2C_10M +10M Non- Contiguous	3.530 to 3.540	-39.42	-31.02	-8.40
	3.540 to 3.549	-29.38	-19.02	-10.36
	3.549 to 3.550	-38.48	-19.02	-19.46
	3.560 to 3.561	-39.04	-19.02	-20.02
	3.561 to 3.570	-28.94	-19.02	-9.92
	3.570 to 3.680	-37.42	-31.02	-6.40
	3.680 to 3.689	-28.10	-19.02	-9.08
	3.689 to 3.690	-38.03	-19.02	-19.01
	3.700 to 3.701	-39.87	-19.02	-20.85
	3.701 to 3.710	-30.52	-19.02	-11.50
	3.710 to 3.720	-41.30	-31.02	-10.28
NR_2C_10M +30M Non- Contiguous	3.530 to 3.540	-39.55	-31.02	-8.53
	3.540 to 3.549	-31.48	-19.02	-12.46
	3.549 to 3.550	-43.79	-19.02	-24.77
	3.560 to 3.561	-42.24	-19.02	-23.22
	3.561 to 3.570	-32.46	-19.02	-13.44
	3.570 to 3.660	-37.02	-31.02	-6.00
	3.660 to 3.669	-35.60	-19.02	-16.58
	3.669 to 3.670	-27.18	-19.02	-8.16
	3.700 to 3.701	-29.07	-19.02	-10.05
	3.701 to 3.710	-36.38	-19.02	-17.36
3.710 to 3.720	-41.74	-31.02	-10.72	
NR_2C_40M +40M Non- Contiguous	3.530 to 3.540	-43.18	-31.02	-12.16
	3.540 to 3.549	-32.45	-19.02	-13.43
	3.549 to 3.550	-34.60	-19.02	-15.58
	3.590 to 3.591	-33.95	-19.02	-14.93
	3.591 to 3.600	-33.47	-19.02	-14.45
	3.600 to 3.650	-32.17	-31.02	-1.15
	3.650 to 3.659	-24.86	-19.02	-5.84
	3.659 to 3.660	-25.49	-19.02	-6.47
	3.700 to 3.701	-26.80	-19.02	-7.78
	3.701 to 3.710	-25.40	-19.02	-6.38
3.710 to 3.720	-41.06	-31.02	-10.04	

Table 8-97. Channel Edge Emission Summary Data (NR_n48_Non-Contiguous)

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)	Page 188 of 286	

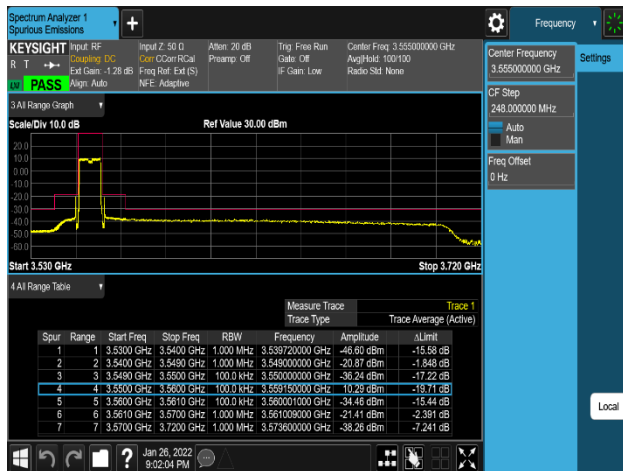
Configuration	Measured Range (GHz)	Max. Value (dBm)	Limit (dBm)	Margin (dB)
LTE_1C_10M+NR_1C_10M	3.530 to 3.540	-51.12	-31.02	-20.10
	3.540 to 3.549	-22.70	-19.02	-3.68
	3.549 to 3.550	-40.98	-19.02	-21.96
	3.560 to 3.561	-40.20	-19.02	-21.18
	3.561 to 3.570	-22.96	-19.02	-3.94
	3.570 to 3.680	-39.32	-31.02	-8.30
	3.680 to 3.689	-30.44	-19.02	-11.42
	3.689 to 3.690	-39.16	-19.02	-20.14
	3.700 to 3.701	-41.12	-19.02	-22.10
	3.701 to 3.710	-32.67	-19.02	-13.65
	3.710 to 3.720	-52.85	-31.02	-21.83
LTE_2C_20M + NR_1C_40M	3.530 to 3.540	-46.64	-31.02	-15.62
	3.540 to 3.549	-35.82	-19.02	-16.80
	3.549 to 3.550	-38.92	-19.02	-19.90
	3.570 to 3.571	-39.19	-19.02	-20.17
	3.571 to 3.580	-35.85	-19.02	-16.83
	3.580 to 3.650	-36.03	-31.02	-5.01
	3.650 to 3.659	-35.83	-19.02	-16.81
	3.659 to 3.660	-22.71	-19.02	-3.69
	3.700 to 3.701	-22.69	-19.02	-3.67
	3.701 to 3.710	-37.24	-19.02	-18.22
	3.710 to 3.720	-50.92	-31.02	-19.90
LTE_2C_10M+10M+NR_1C_10M	3.530 to 3.540	-50.12	-31.02	-19.10
	3.540 to 3.549	-23.29	-19.02	-4.27
	3.549 to 3.550	-37.99	-19.02	-18.97
	3.560 to 3.561	-39.19	-19.02	-20.17
	3.561 to 3.570	-23.05	-19.02	-4.03
	3.570 to 3.610	-38.08	-31.02	-7.06
	3.610 to 3.619	-23.25	-19.02	-4.23
	3.619 to 3.620	-39.78	-19.02	-20.76
	3.630 to 3.631	-35.55	-19.02	-16.53
	3.631 to 3.640	-22.11	-19.02	-3.09
	3.640 to 3.680	-39.22	-31.02	-8.20
	3.680 to 3.689	-30.73	-19.02	-11.71
	3.689 to 3.690	-41.10	-19.02	-22.08
	3.700 to 3.701	-41.48	-19.02	-22.46
	3.701 to 3.710	-32.58	-19.02	-13.56
3.710 to 3.720	-52.67	-31.02	-21.65	

FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)	Page 189 of 286	

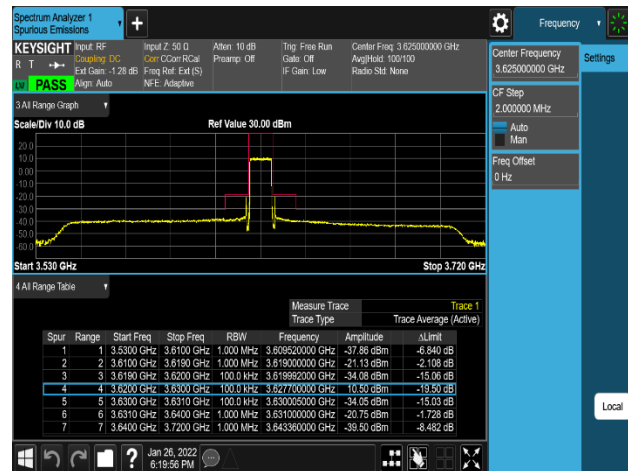
LTE_2C_20M+20M+NR_1C_40M	3.530 to 3.540	-47.23	-31.02	-16.21
	3.540 to 3.549	-35.70	-19.02	-16.68
	3.549 to 3.550	-39.62	-19.02	-20.60
	3.560 to 3.561	-39.85	-19.02	-20.83
	3.561 to 3.570	-36.72	-19.02	-17.70
	3.570 to 3.610	-35.90	-31.02	-4.88
	3.610 to 3.619	-36.44	-19.02	-17.42
	3.619 to 3.620	-39.94	-19.02	-20.92
	3.630 to 3.631	-38.96	-19.02	-19.94
	3.631 to 3.640	-35.69	-19.02	-16.67
	3.640 to 3.680	-34.62	-31.02	-3.60
	3.680 to 3.689	-36.65	-19.02	-17.63
	3.689 to 3.690	-20.60	-19.02	-1.58
	3.700 to 3.701	-23.73	-19.02	-4.71
	3.701 to 3.710	-37.38	-19.02	-18.36
	3.710 to 3.720	-49.98	-31.02	-18.96

Table 8-98. Channel Edge Emission Summary Data (LTE_B48 + NR_n48_Multi-RAT_Non-Contiguous)

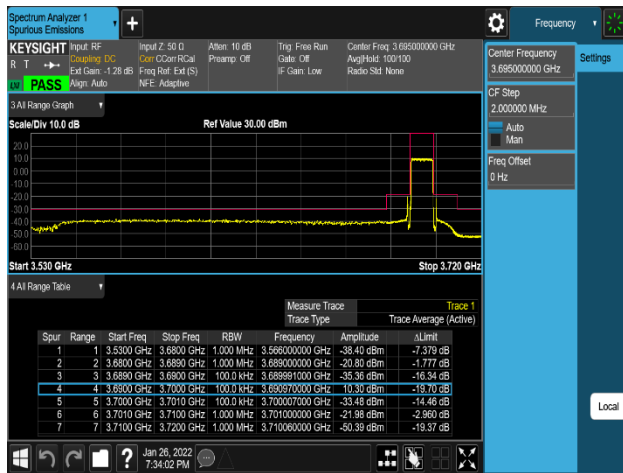
FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)	Page 190 of 286	



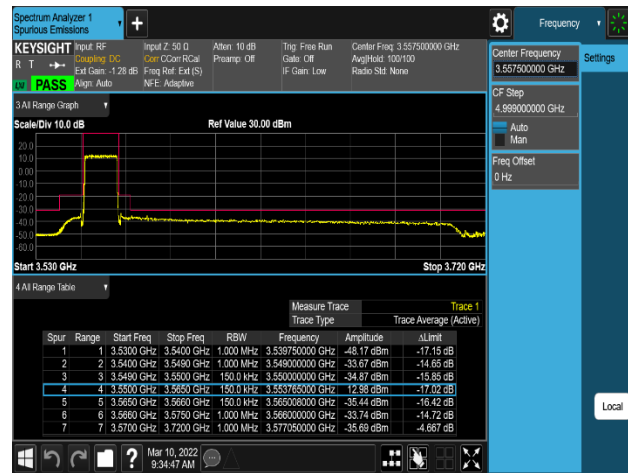
Plot 8-44. Channel Edge Emission Plot (LTE_B48_1C_10M_16QAM – Low Channel, Port 3)



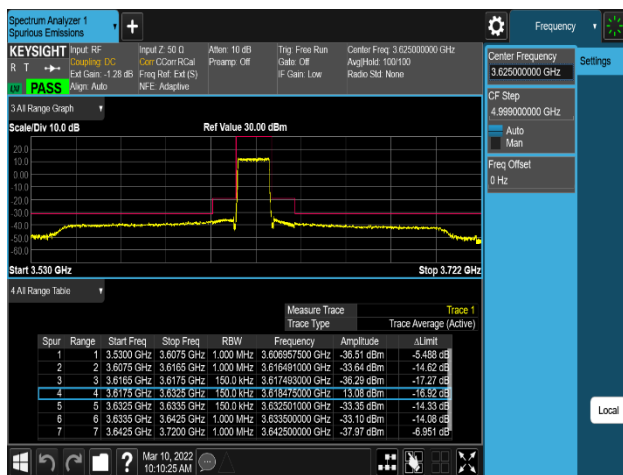
Plot 8-392. Channel Edge Emission Plot (LTE_B48_1C_10M_256QAM – Mid Channel, Port 0)



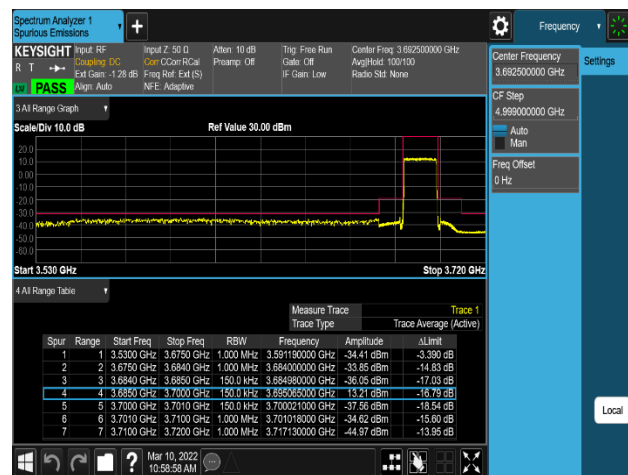
Plot 8-393. Channel Edge Emission Plot (LTE_B48_1C_10M_16QAM – High Channel, Port 3)



Plot 8-394. Channel Edge Emission Plot (LTE_B48_1C_15M_256QAM – Low Channel, Port 3)

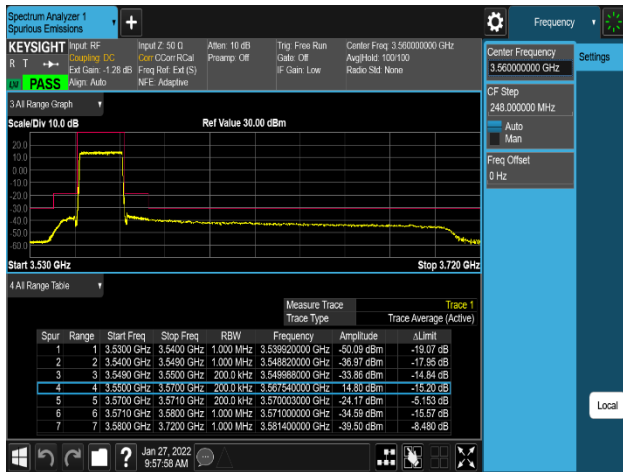


Plot 8-395. Channel Edge Emission Plot (LTE_B48_1C_15M_256QAM – Mid Channel, Port 3)

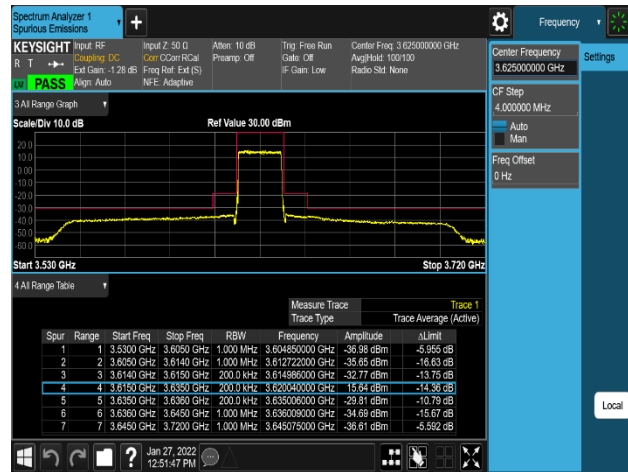


Plot 8-396. Channel Edge Emission Plot (LTE_B48_1C_15M_256QAM – High Channel, Port 3)

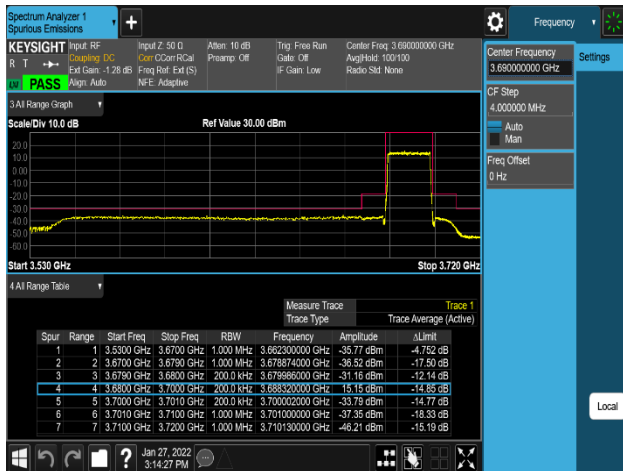
FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K21101306-R4.A3L	Test Dates: 10/20/2021 – 04/05/2022	EUT Type: RRU(RT4401)		Page 191 of 286



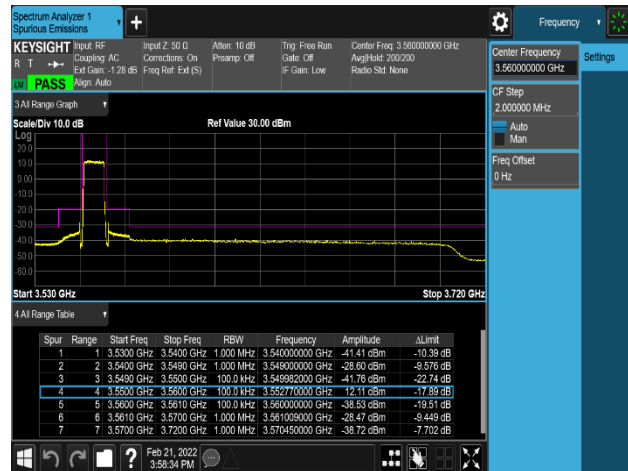
Plot 8-397. Channel Edge Emission Plot
(LTE_B48_1C_20M_QPSK – Low Channel, Port 1)



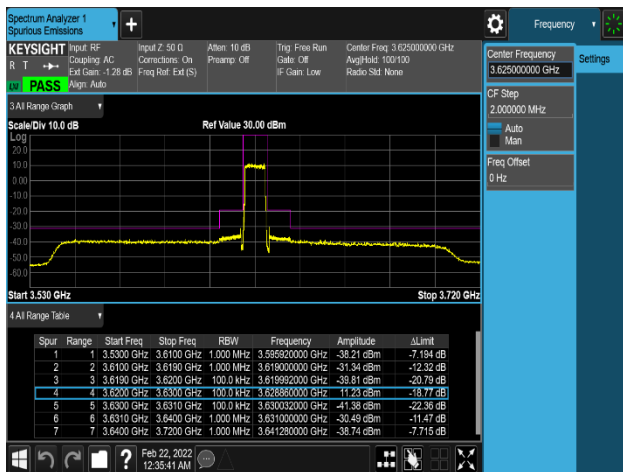
Plot 8-398. Channel Edge Emission Plot
(LTE_B48_1C_20M_64QAM – Mid Channel, Port 3)



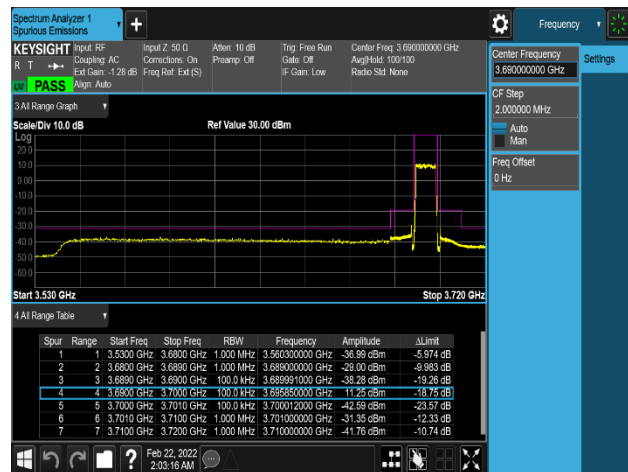
Plot 8-399. Channel Edge Emission Plot
(LTE_B48_1C_20M_256QAM – High Channel, Port 0)



Plot 8-400. Channel Edge Emission Plot
(NR_n48_1C_10M_QPSK – Low Channel, Port 3)

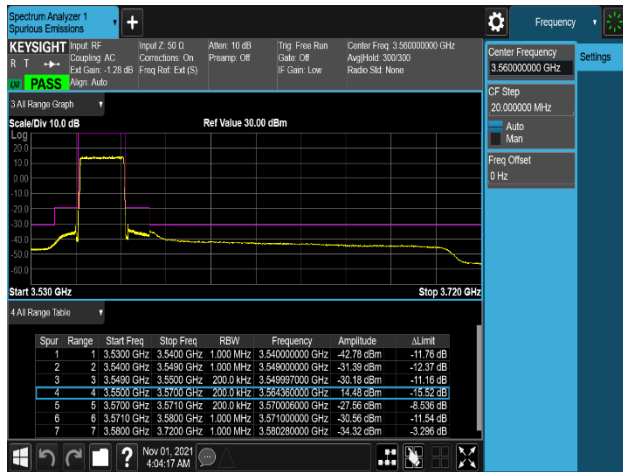


Plot 8-401. Channel Edge Emission Plot
(NR_n48_1C_10M_16QAM – Mid Channel, Port 3)

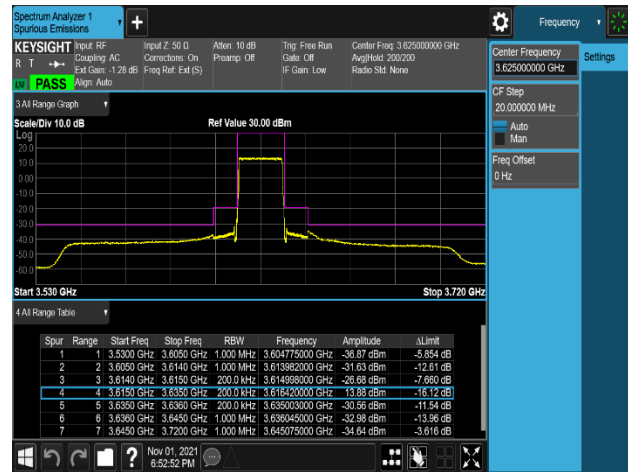


Plot 8-402. Channel Edge Emission Plot
(NR_n48_1C_10M_16QAM – High Channel, Port 3)

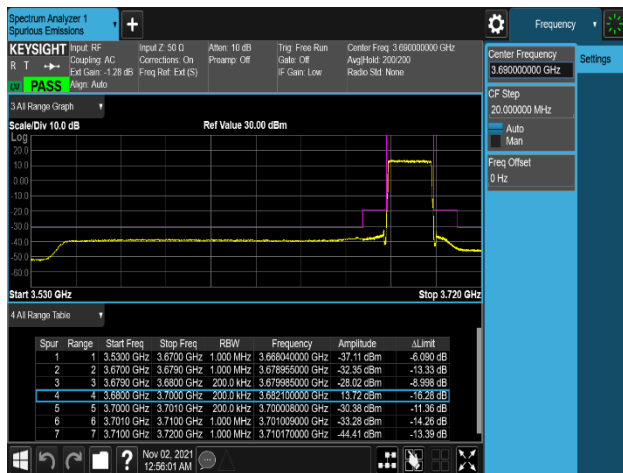
FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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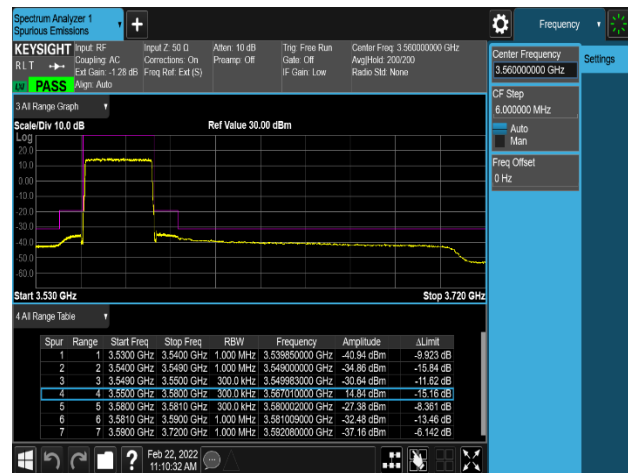
Plot 8-403. Channel Edge Emission Plot (NR_n48_1C_20M_64QAM – Low Channel, Port 2)



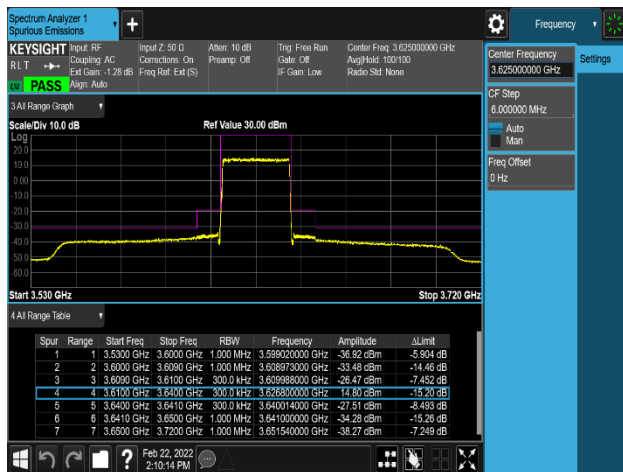
Plot 8-404. Channel Edge Emission Plot (NR_n48_1C_20M_QPSK – Mid Channel, Port 1)



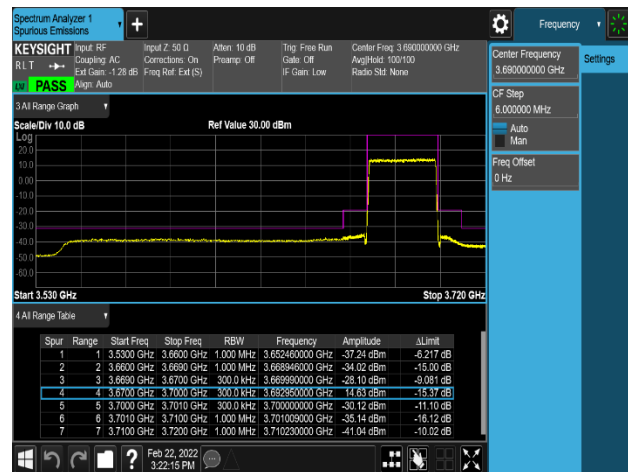
Plot 8-405. Channel Edge Emission Plot (NR_n48_1C_20M_64QAM – High Channel, Port 3)



Plot 8-406. Channel Edge Emission Plot (NR_n48_1C_30M_64QAM – Low Channel, Port 3)

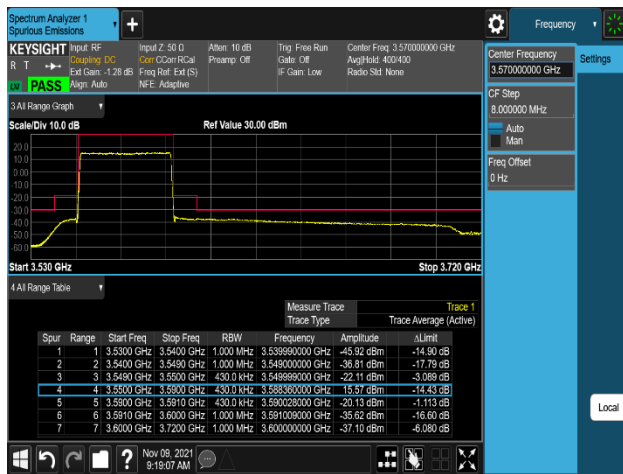


Plot 8-407. Channel Edge Emission Plot (NR_n48_1C_30M_64QAM – Mid Channel, Port 3)

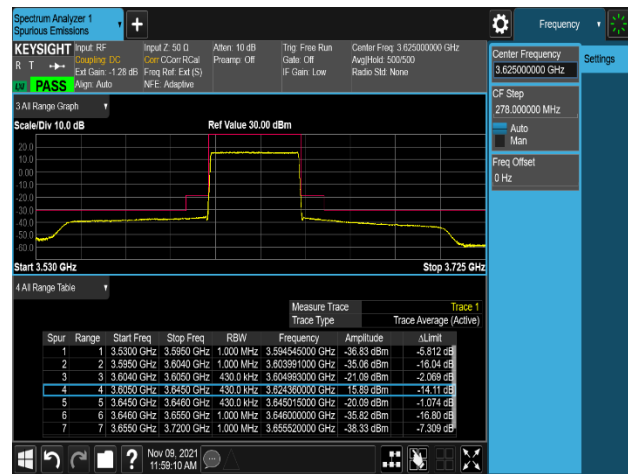


Plot 8-408. Channel Edge Emission Plot (NR_n48_1C_30M_64QAM – High Channel, Port 3)

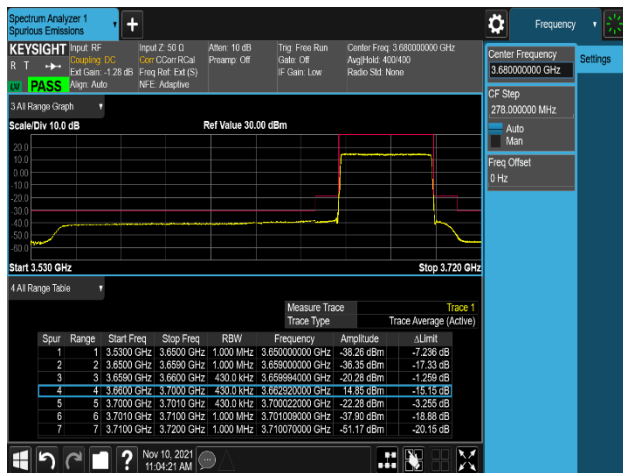
FCC: A3LRT4401-48A1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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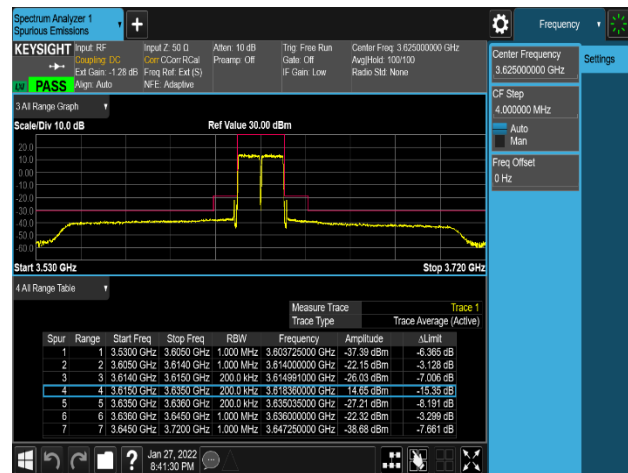
Plot 8-409. Channel Edge Emission Plot (NR_n48_1C_40M_16QAM – Low Channel, Port 0)



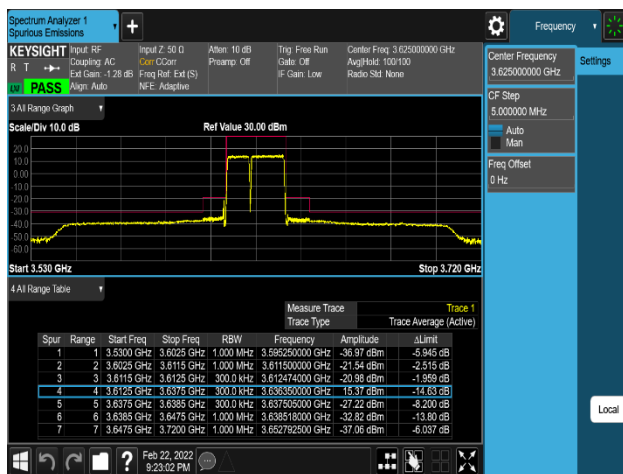
Plot 8-410. Channel Edge Emission Plot (NR_n48_1C_40M_QPSK – Mid Channel, Port 0)



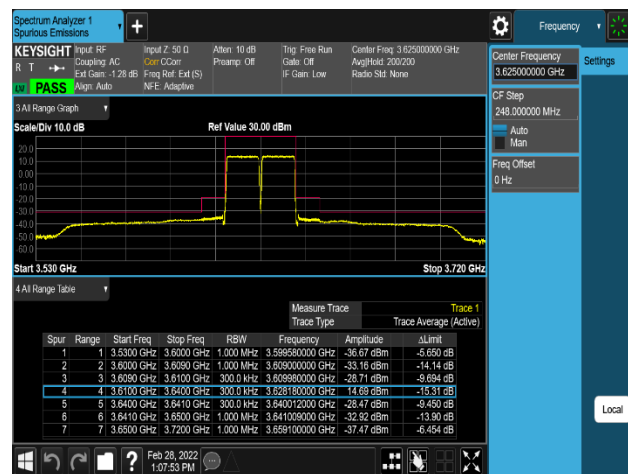
Plot 8-411. Channel Edge Emission Plot (NR_n48_1C_40M_256QAM – High Channel, Port 3)



Plot 8-412. Channel Edge Emission Plot (LTE_B48_2C_10M+10M_QPSK – Mid Channel, Port 0)



Plot 8-413. Channel Edge Emission Plot (LTE_B48_2C_10M+15M_QPSK – Mid Channel, Port 0)



Plot 8-414. Channel Edge Emission Plot (LTE_B48_2C_15M+15M_QPSK – Mid Channel, Port 0)

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