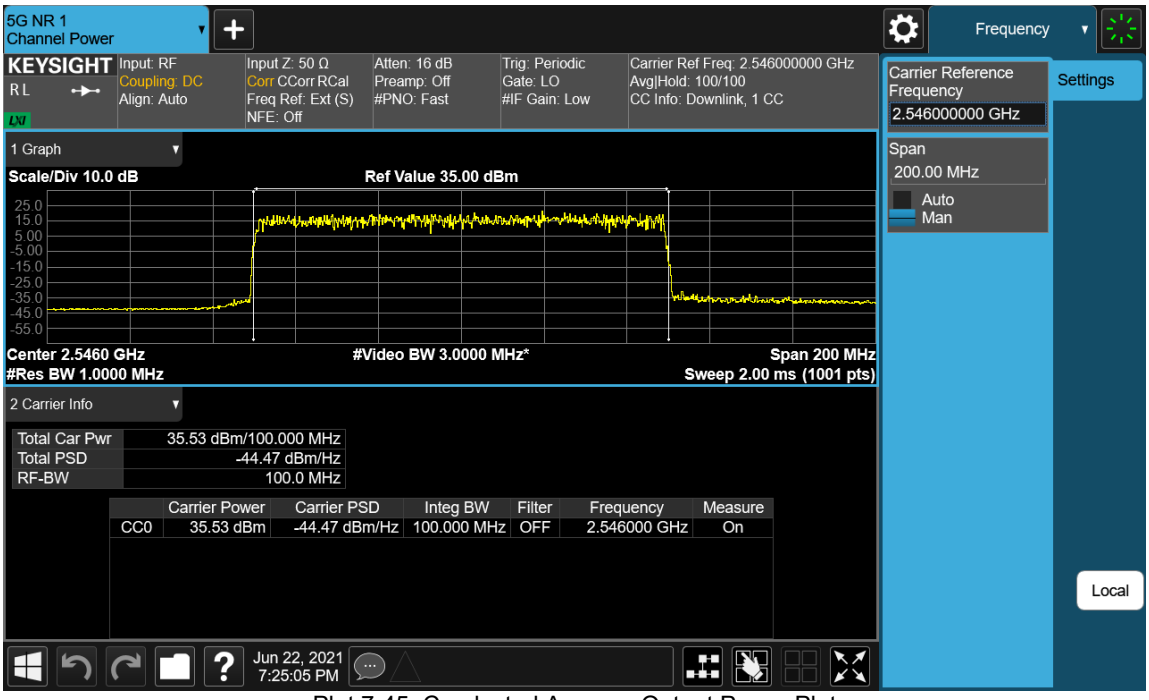
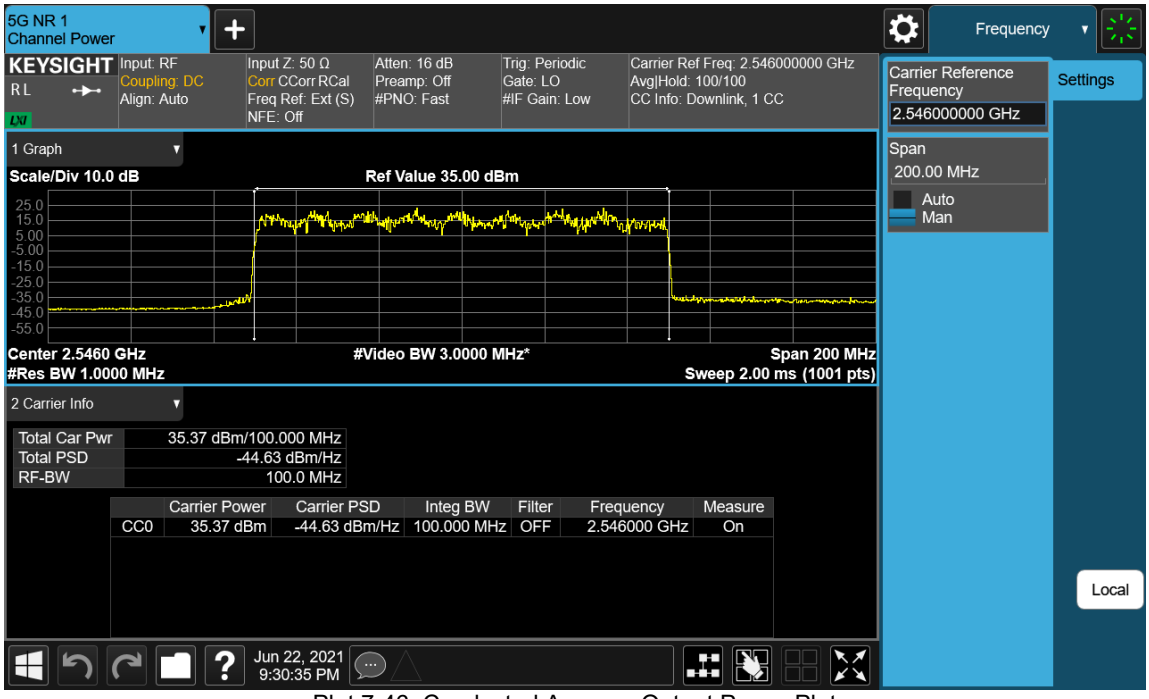
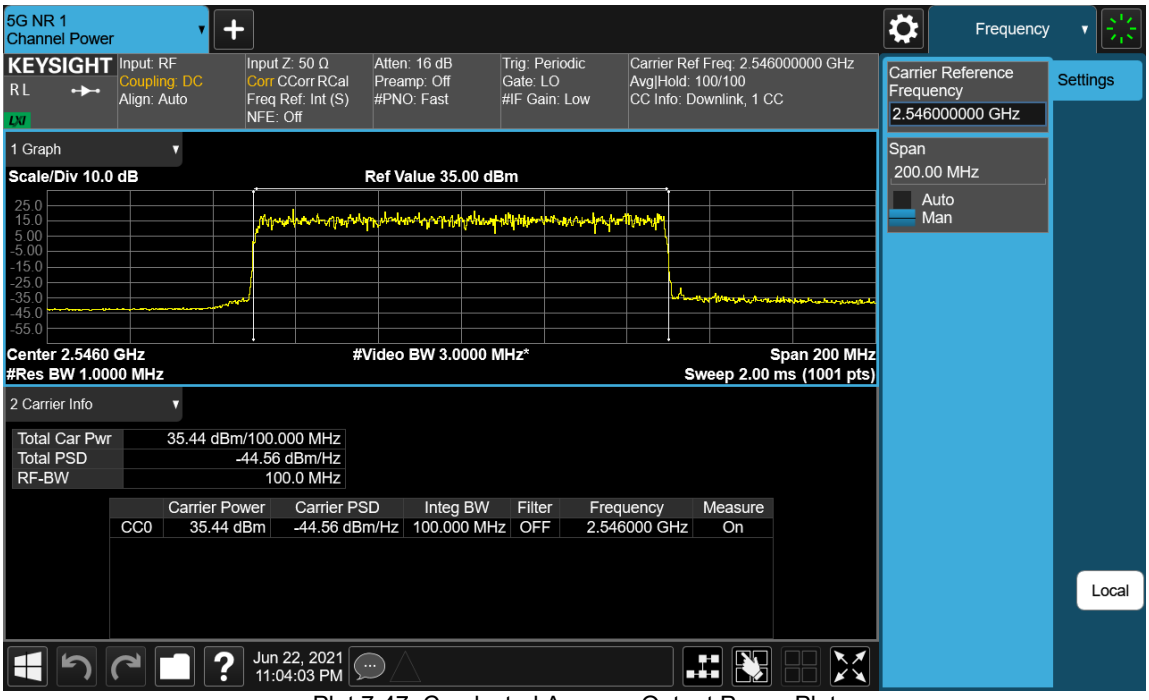


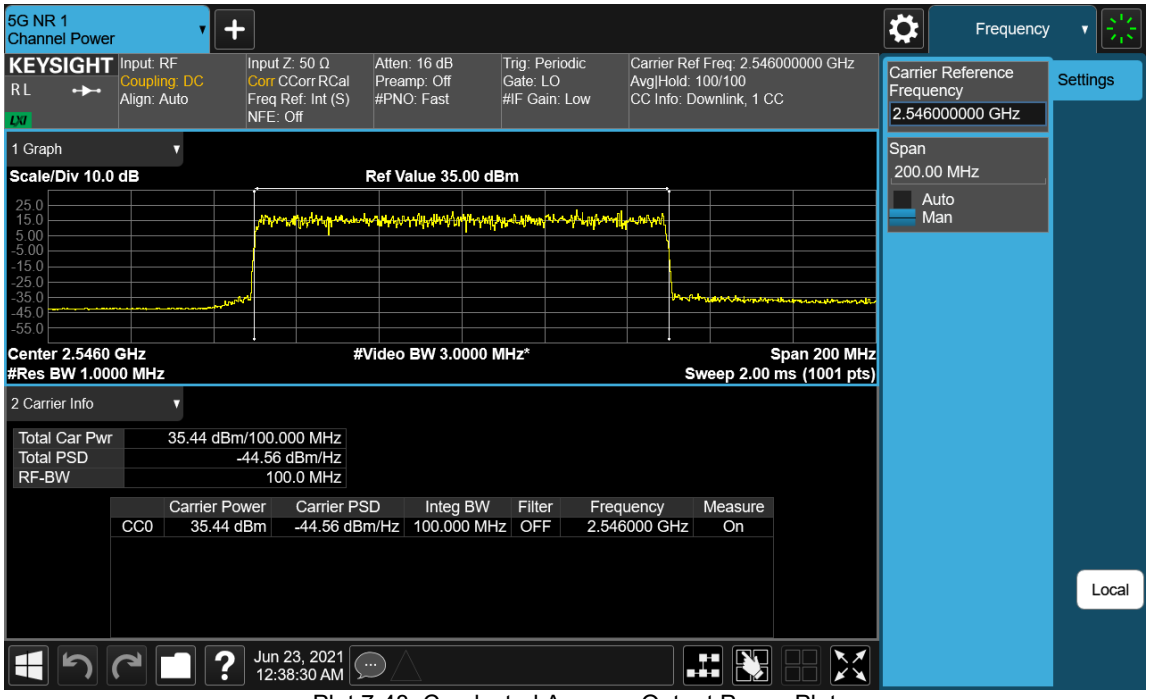
Plot 7-45. Conducted Average Output Power Plot
(NR 1C_100M - Low Channel_QPSK, Port 43)



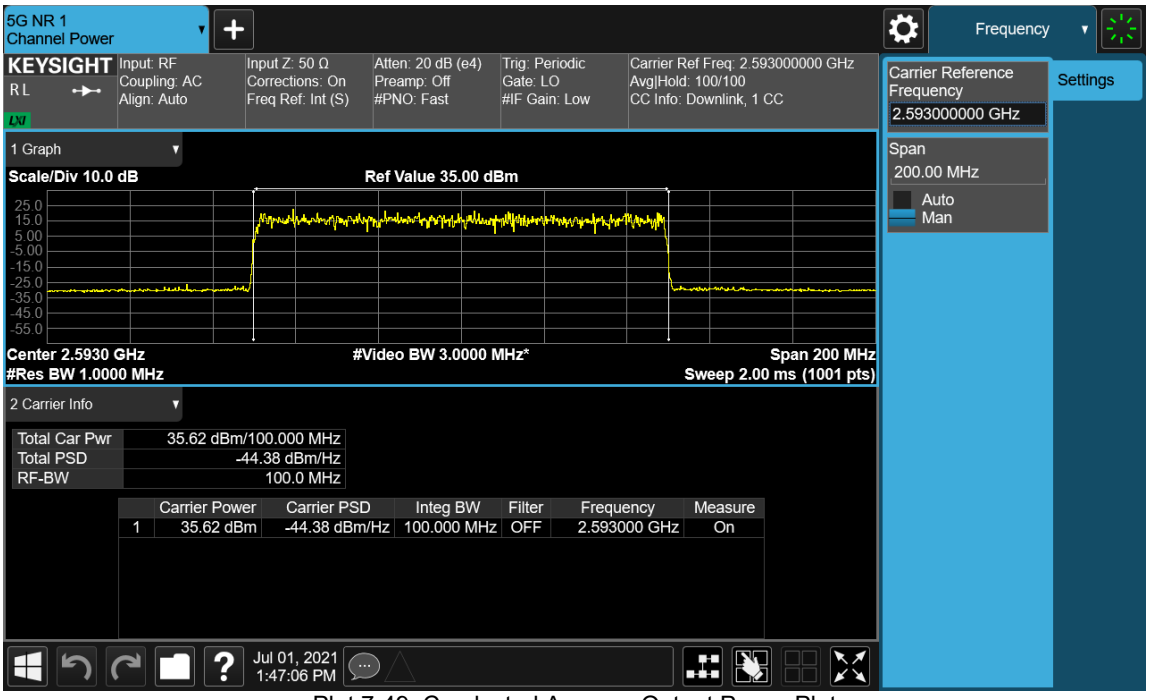
Plot 7-46. Conducted Average Output Power Plot
(NR 1C_100M - Low Channel_16QAM, Port 43)



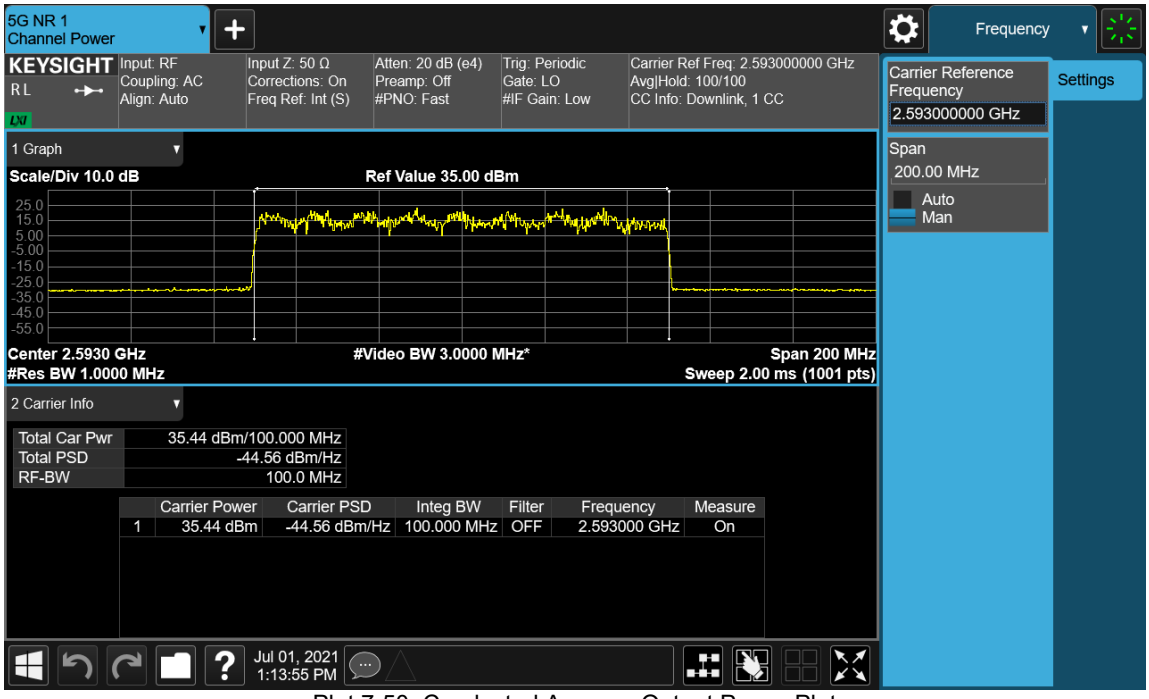
Plot 7-47. Conducted Average Output Power Plot
(NR 1C_100M - Low Channel_64QAM, Port 43)



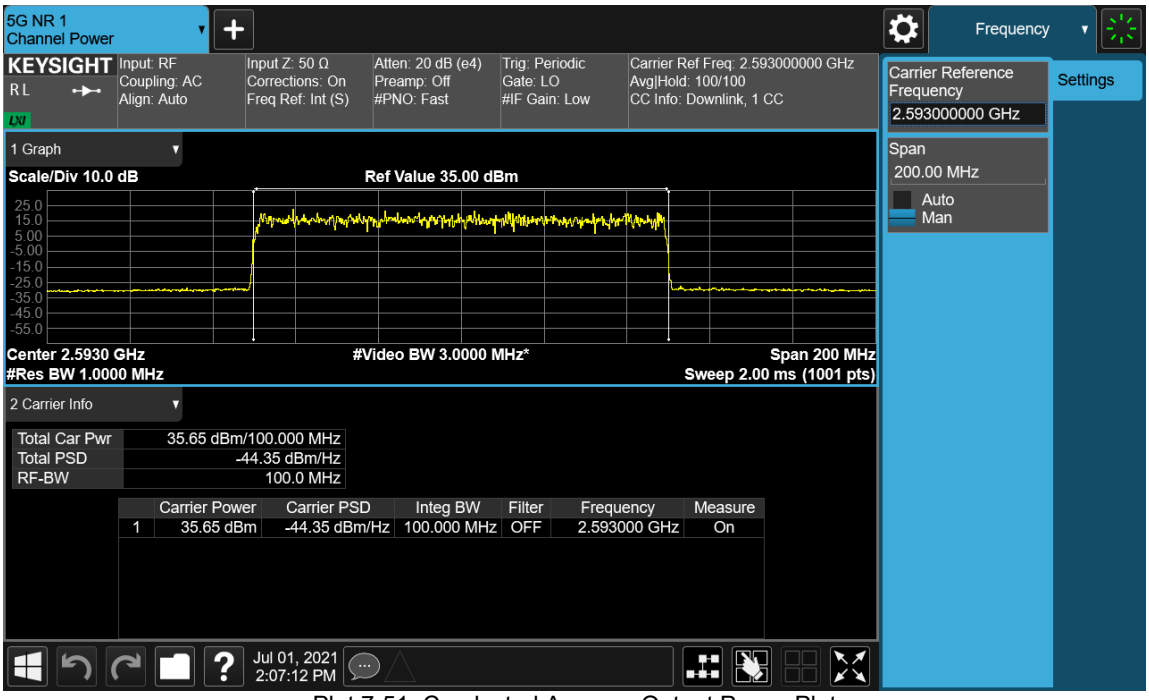
Plot 7-48. Conducted Average Output Power Plot
(NR 1C_100M - Low Channel_256QAM, Port 43)



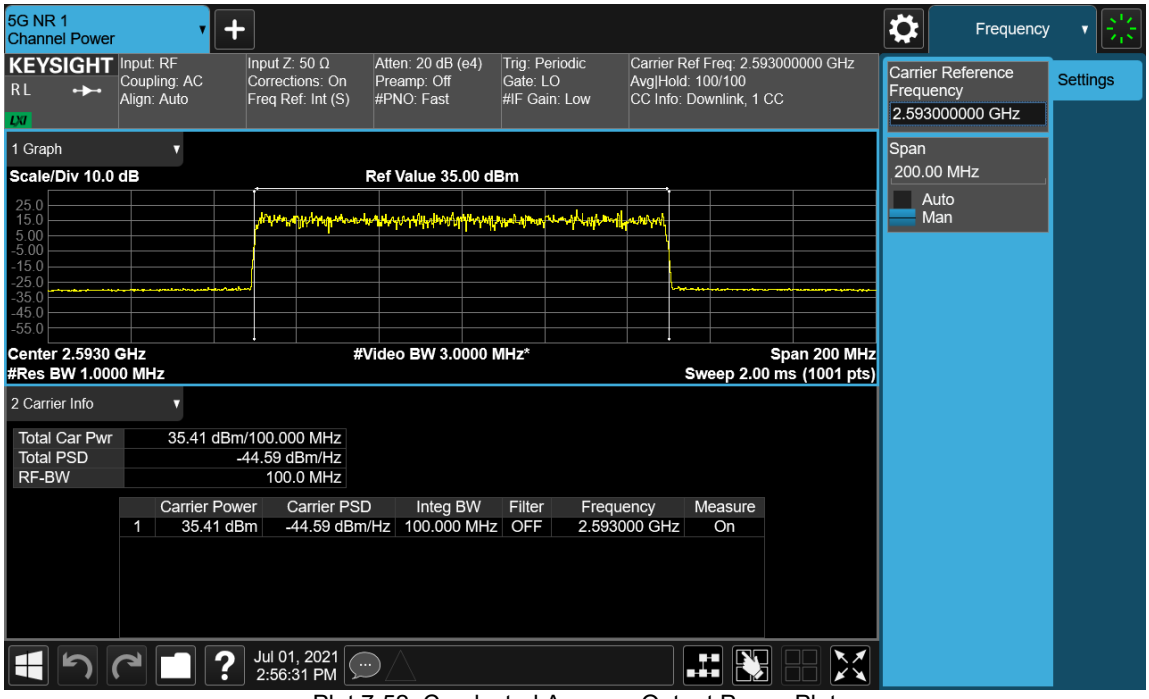
Plot 7-49. Conducted Average Output Power Plot
(NR 1C_100M - Middle Channel_QPSK, Port 50)



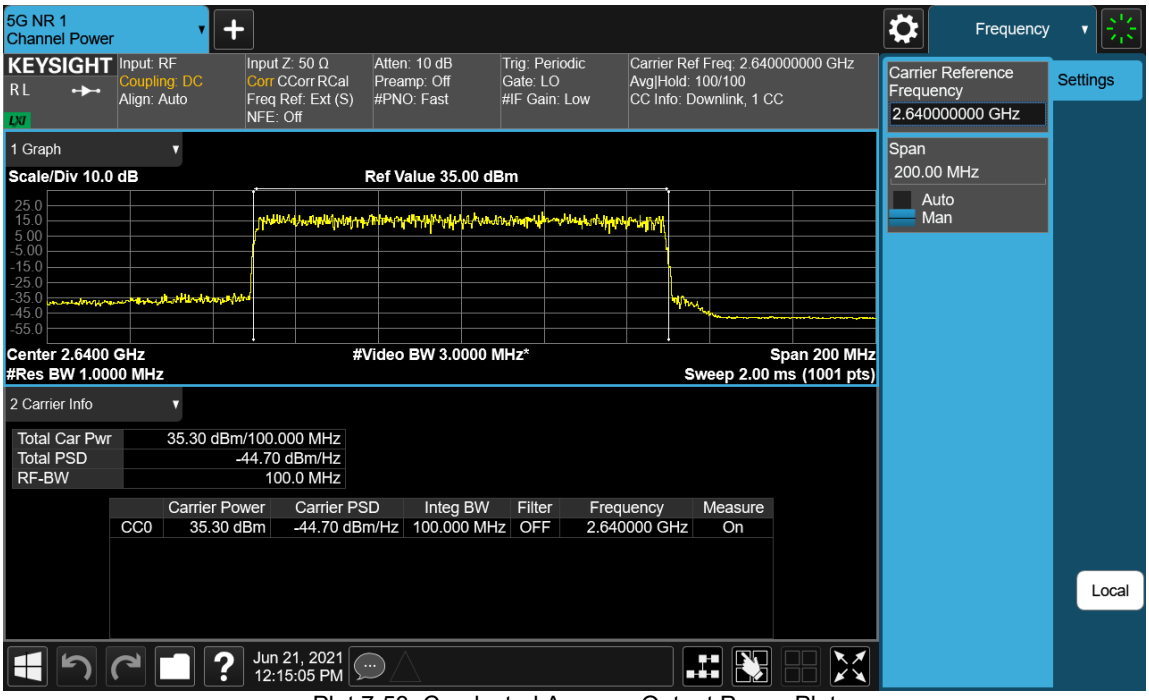
Plot 7-50. Conducted Average Output Power Plot
(NR 1C_100M - Middle Channel_16QAM, Port 50)



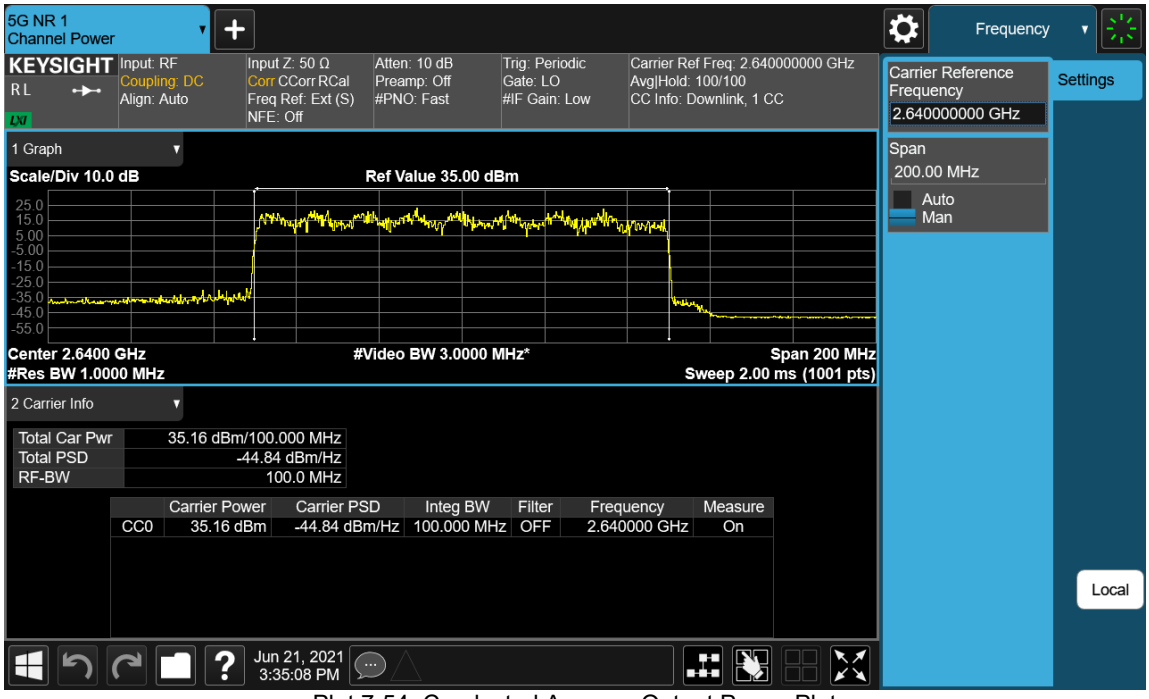
Plot 7-51. Conducted Average Output Power Plot
(NR 1C_100M - Middle Channel_64QAM, Port 50)



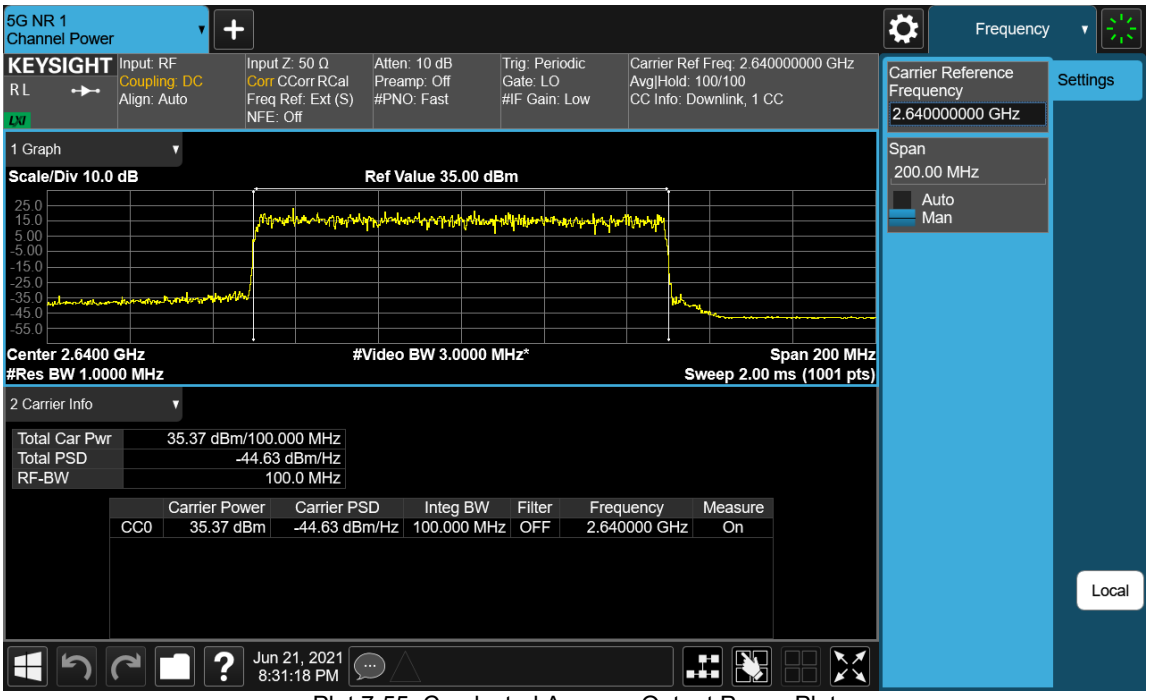
Plot 7-52. Conducted Average Output Power Plot
(NR 1C_100M - Middle Channel_256QAM, Port 50)



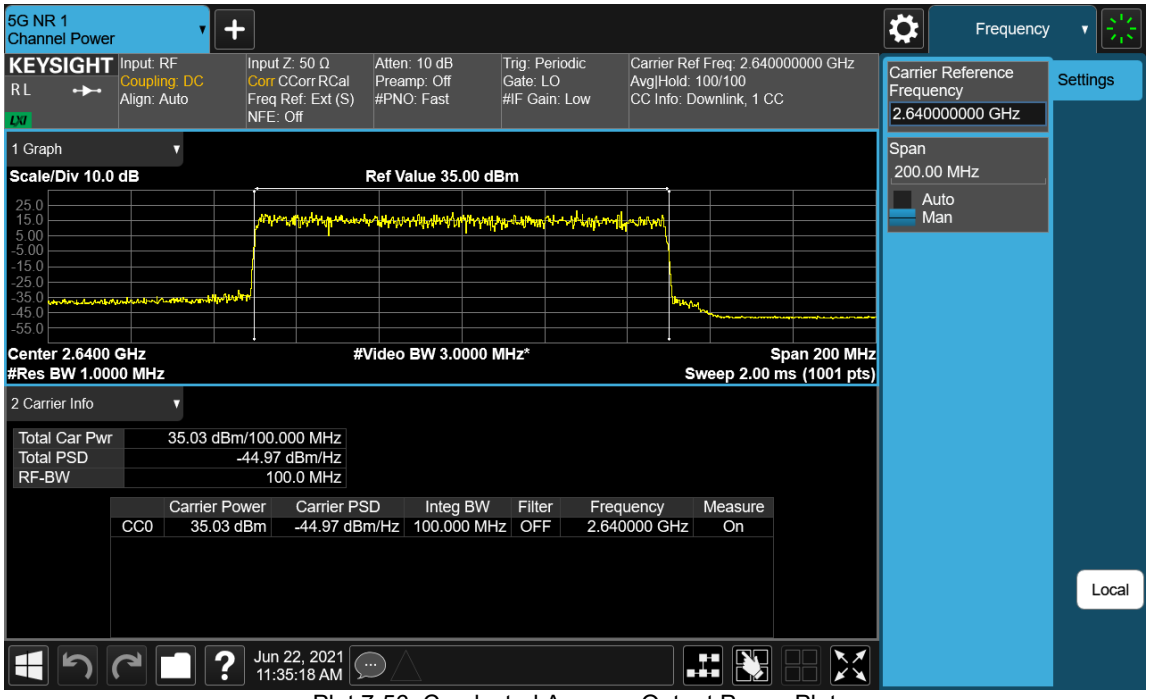
Plot 7-53. Conducted Average Output Power Plot
(NR 1C_100M - High Channel_QPSK, Port 57)



Plot 7-54. Conducted Average Output Power Plot
(NR 1C_100M - High Channel_16QAM, Port 57)



Plot 7-55. Conducted Average Output Power Plot
(NR 1C_100M - High Channel_64QAM, Port 57)



Plot 7-56. Conducted Average Output Power Plot
(NR 1C_100M - High Channel_256QAM, Port 57)

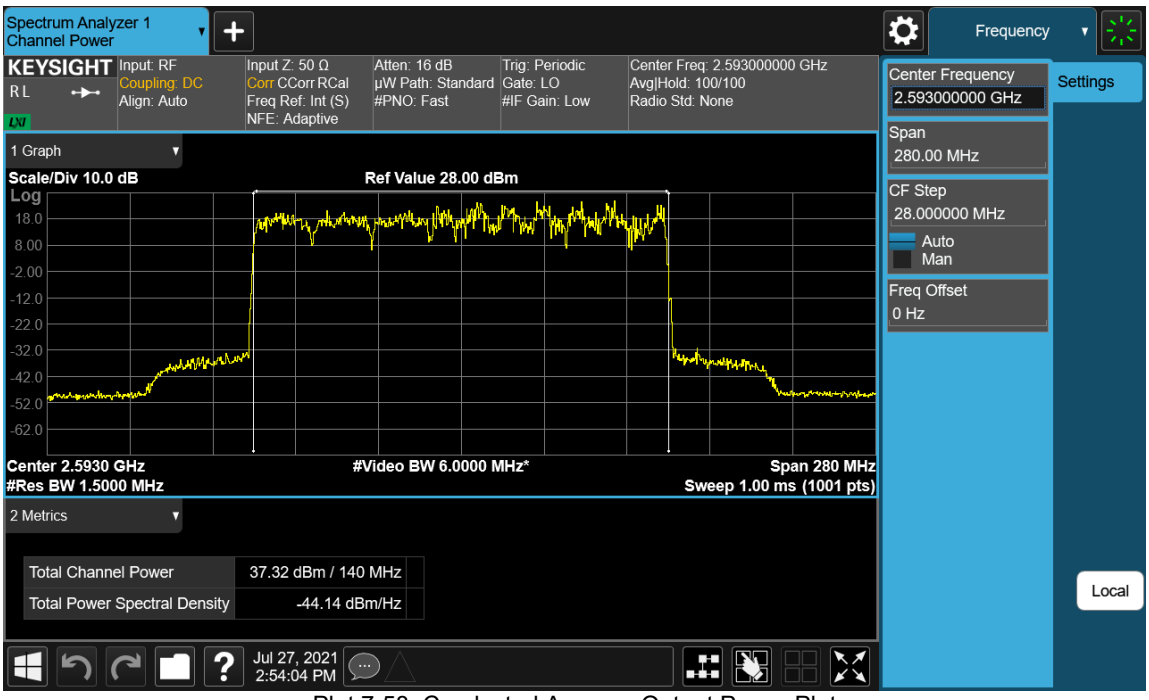
- Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M Configuraiton

Port #	Conducted Average Output Power (dBm)			
	QPSK	16QAM	64QAM	256QAM
0	36.66	36.84	36.85	36.73
1	36.64	36.74	36.78	36.78
2	36.56	36.67	36.72	36.60
3	36.65	36.79	36.77	36.69
4	36.56	36.69	36.74	36.60
5	36.60	36.70	36.77	36.57
6	36.64	36.73	36.79	36.67
7	36.65	36.79	36.78	36.69
8	36.43	36.52	36.57	36.55
9	36.61	36.78	36.80	36.76
10	36.76	36.85	36.87	36.85
11	36.48	36.60	36.66	36.57
12	36.61	36.63	36.72	36.71
13	36.64	36.64	36.75	36.58
14	36.72	36.71	36.70	36.70
15	36.75	36.78	36.81	36.85
16	36.63	36.68	36.71	36.62
17	36.55	36.53	36.67	36.60
18	36.81	36.83	36.93	36.81
19	36.51	36.58	36.69	36.58
20	36.84	36.85	36.93	36.82
21	36.61	36.58	36.66	36.63
22	36.76	36.75	36.93	36.80
23	36.65	36.65	36.79	36.63
24	36.76	36.74	36.80	36.79
25	36.58	36.61	36.65	36.62
26	36.93	36.91	36.97	36.97
27	36.65	36.66	36.72	36.69
28	36.78	36.81	36.77	36.76
29	36.72	36.73	36.65	36.69
30	36.63	36.66	36.59	36.71
31	36.88	36.88	36.83	36.91

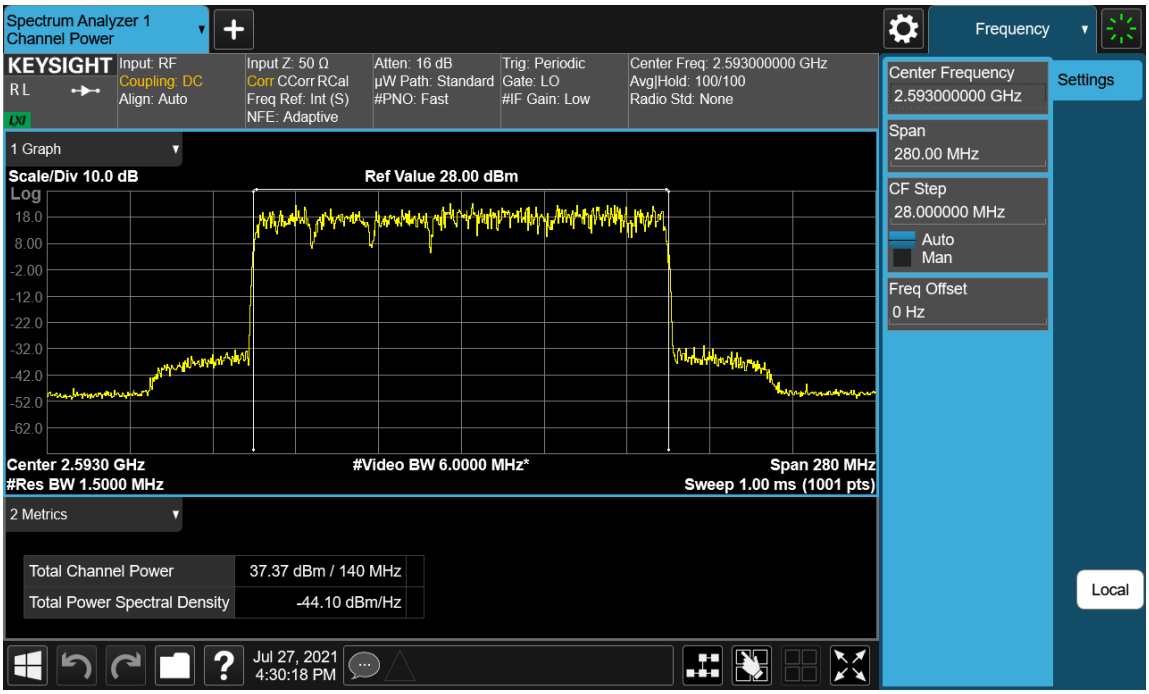
32	36.63	36.62	36.68	36.64
33	36.77	36.74	36.78	36.73
34	36.76	36.77	36.76	36.80
35	36.91	36.91	36.96	36.91
36	37.01	37.00	37.09	37.01
37	36.90	36.94	36.90	36.86
38	36.59	36.59	36.69	36.66
39	37.15	37.17	37.22	37.20
40	36.75	36.88	36.90	36.85
41	36.78	36.87	36.91	36.85
42	36.73	36.84	36.94	36.82
43	37.05	37.07	37.15	37.12
44	36.86	37.02	36.98	36.94
45	36.62	36.73	36.80	36.70
46	36.94	37.04	37.08	37.01
47	37.31	37.32	37.37	37.37
48	36.87	36.93	36.93	36.85
49	36.74	36.77	36.88	36.75
50	36.87	36.94	36.95	36.88
51	36.74	36.80	36.86	36.79
52	36.72	36.73	36.84	36.77
53	36.86	36.96	37.00	36.92
54	37.02	37.06	37.09	37.09
55	36.73	36.81	36.83	36.82
56	37.08	37.19	37.15	37.10
57	36.94	37.06	36.98	37.05
58	36.79	36.87	36.83	36.86
59	36.87	36.89	36.91	36.90
60	36.60	36.62	36.65	36.62
61	36.75	36.86	36.79	36.86
62	36.76	36.85	36.82	36.85
63	36.92	36.93	36.93	37.00
Total MIMO Conducted Power (mW)	303332.59	307085.00	309645.16	306453.38
Total MIMO Conducted Power (dBm)	54.82	54.87	54.91	54.86
Antenna Gain (dBi)	27.20	27.20	27.20	27.20
MIMO EIRP (dBm)	82.02	82.07	**82.11**	82.06
EIRP Limit (dBm)	90.78	90.78	90.78	90.78
Margin (dB)	-8.76	-8.71	-8.67	-8.72

Table 7-16. MIMO Power Summary Data
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M)

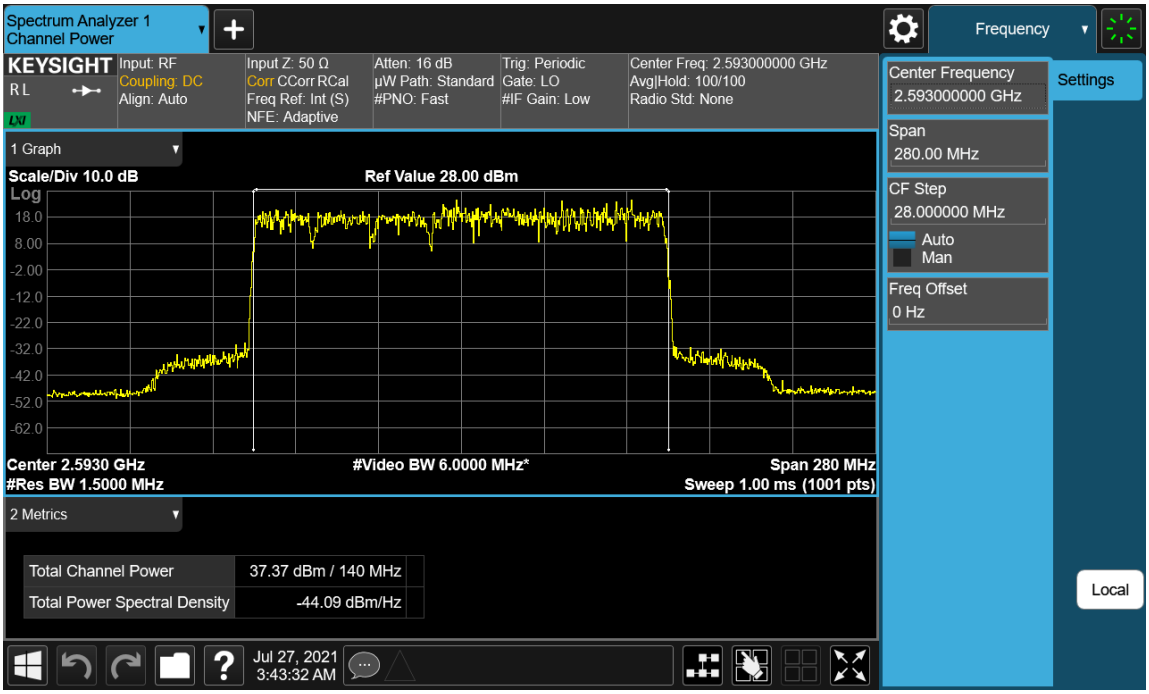
Plot 7-57. Conducted Average Output Power Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M - QPSK, Port 47)



Plot 7-58. Conducted Average Output Power Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M - 16QAM, Port 47)



Plot 7-59. Conducted Average Output Power Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M - 64QAM, Port 47)



Plot 7-60. Conducted Average Output Power Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M - 256QAM, Port 47)

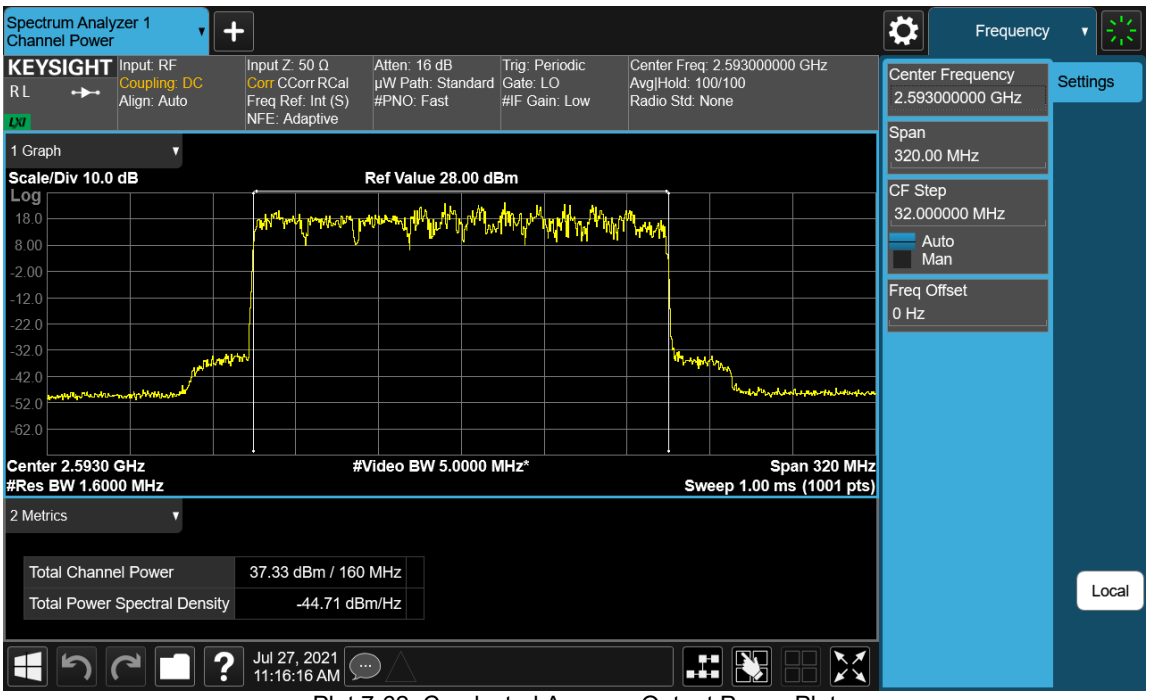
- Multi-RAT LTE 3C_20M+20M+20M & NR 1C_100M Configuraiton

Port #	Conducted Average Output Power (dBm)			
	QPSK	16QAM	64QAM	256QAM
0	36.77	36.58	36.46	36.46
1	36.83	36.54	36.49	36.49
2	36.68	36.52	36.46	36.46
3	36.67	36.51	36.59	36.59
4	36.60	36.42	36.47	36.47
5	36.73	36.57	36.70	36.70
6	36.68	36.60	36.37	36.37
7	36.57	36.57	36.50	36.50
8	36.45	36.40	36.32	36.32
9	36.73	36.61	36.44	36.44
10	36.69	36.70	36.68	36.68
11	36.55	36.46	36.43	36.43
12	36.58	36.59	36.46	36.46
13	36.56	36.54	36.59	36.59
14	36.71	36.61	36.51	36.51
15	36.69	36.60	36.48	36.48
16	36.72	36.55	36.45	36.45
17	36.73	36.43	36.62	36.62
18	36.91	36.74	36.69	36.69
19	36.59	36.47	36.48	36.48
20	36.72	36.70	36.76	36.76
21	36.47	36.46	36.52	36.52
22	36.75	36.67	36.58	36.58
23	36.64	36.54	36.32	36.32
24	36.85	36.71	36.56	36.56
25	36.59	36.51	36.51	36.51
26	36.70	36.67	36.56	36.56
27	36.76	36.55	36.57	36.57
28	36.61	36.54	36.54	36.54
29	36.68	36.56	36.64	36.64
30	36.65	36.55	36.56	36.56
31	36.84	36.73	36.63	36.63

32	36.68	36.48	36.58	36.58
33	36.68	36.64	36.77	36.77
34	36.78	36.67	36.59	36.59
35	36.86	36.76	36.63	36.63
36	36.92	36.90	36.89	36.89
37	36.76	36.72	36.58	36.58
38	36.59	36.55	36.52	36.52
39	36.94	37.08	37.01	37.01
40	36.61	36.65	36.73	36.73
41	36.86	36.75	36.64	36.64
42	36.66	36.65	36.61	36.61
43	36.97	36.91	36.85	36.85
44	36.95	36.84	36.72	36.72
45	36.70	36.56	36.55	36.55
46	36.92	36.86	36.84	36.84
47	37.35	37.16	36.99	36.99
48	36.81	36.82	36.81	36.81
49	36.78	36.76	36.72	36.72
50	37.04	36.82	36.62	36.62
51	36.75	36.69	36.66	36.66
52	36.81	36.70	36.54	36.54
53	37.03	36.82	36.54	36.54
54	37.04	36.93	36.91	36.91
55	36.78	36.63	36.48	36.48
56	37.02	36.99	36.92	36.92
57	36.82	36.88	36.63	36.63
58	36.82	36.73	36.63	36.63
59	36.95	36.86	36.72	36.72
60	36.55	36.54	36.56	36.56
61	36.73	36.74	36.71	36.71
62	36.94	36.70	36.68	36.68
63	36.85	36.80	36.87	36.87
Total MIMO Conducted Power (mW)	303728.88	297394.62	293813.25	293813.25
Total MIMO Conducted Power (dBm)	54.82	54.73	54.68	54.68
Antenna Gain (dBi)	27.20	27.20	27.20	27.20
MIMO EIRP (dBm)	**82.02**	81.93	81.88	81.88
EIRP Limit (dBm)	90.78	90.78	90.78	90.78
Margin (dB)	-8.76	-8.85	-8.90	-8.90

Table 7-17. MIMO Power Summary Data
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_100M)

Plot 7-61. Conducted Average Output Power Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_100M - QPSK, Port 47)



Plot 7-62. Conducted Average Output Power Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_100M - 16QAM, Port 47)

Plot 7-63. Conducted Average Output Power Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_100M - 64QAM, Port 39)

Plot 7-64. Conducted Average Output Power Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_100M - 256QAM, Port 39)

7.4 Peak To Average Power Radio (PAPR)

§ 2.1046, § 27.50(h)

Test Overview

The peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 5.7

ANSI C63.26-2015 – Section 5.2.3.4

Test Setting

1. The signal analyzer's CCDF function is enabled.
2. Frequency = carrier center frequency
3. Measurement BW ≥ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed.
6. Record 0.1% probability value.

Test Setup

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

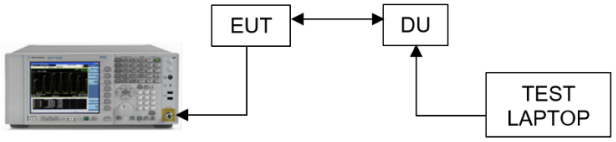


Figure 7-4. Test Instrument & Measurement Setup

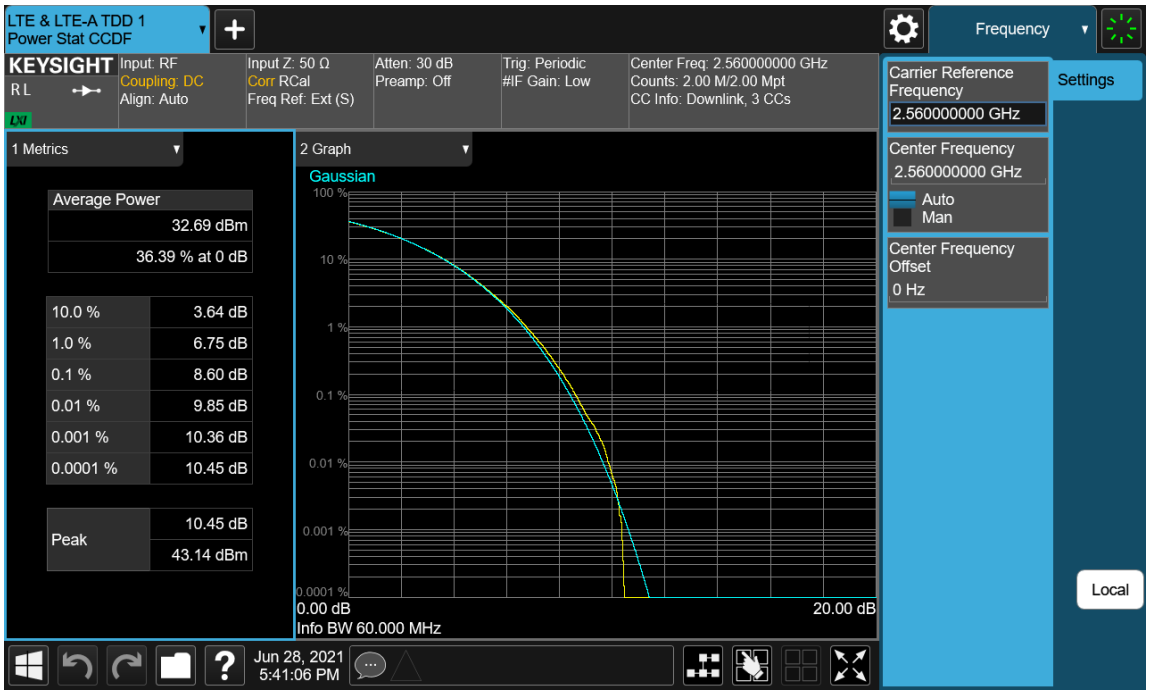
Test Notes

1. All ports and test channels were tested and only the worst case data were reported.
2. The port with highest PAPR i.e. worst case port per modulation has been highlighted in the following PAPR tables.
3. Periodic trigger was used with gating ON. Gate sweeptime, Gate dely and gate length were set according to capture ON time of the trnasmission.
4. The peak to average ratio measurement is performed at the conducted ports of the EUT for single RAT mode.

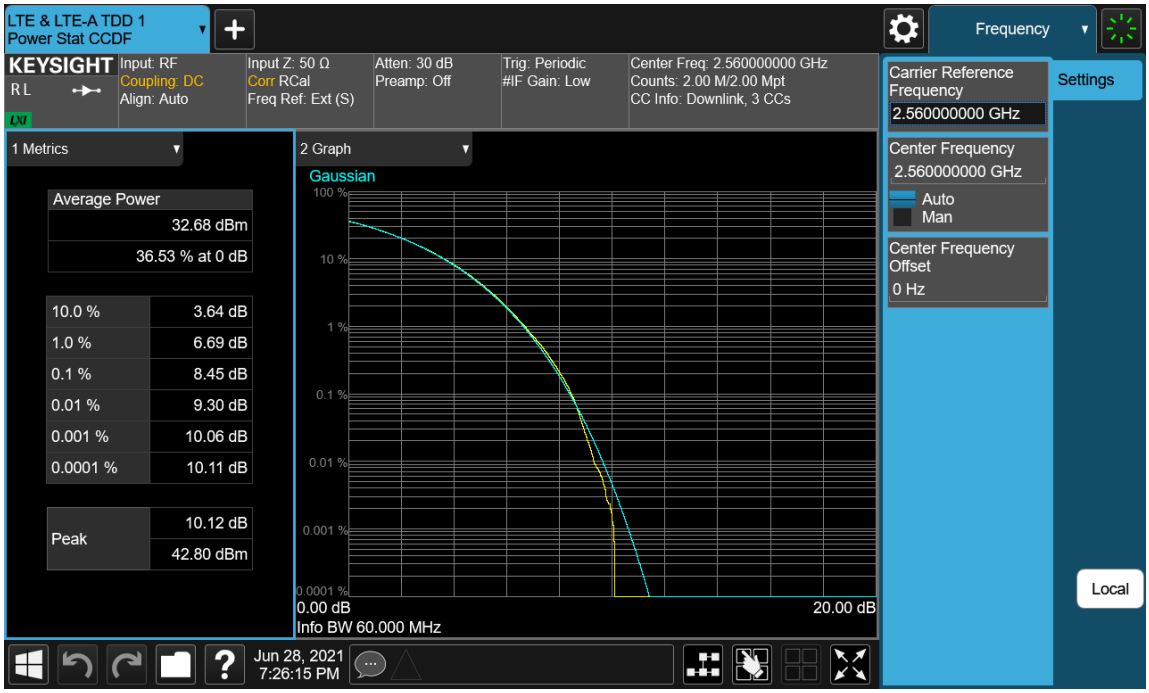
- LTE 3C_20M+20M+20M Configuraiton

Channel	Port #	PAPR (dB)				Port #	PAPR (dB)			
		QPSK	16QAM	64QAM	256QAM		QPSK	16QAM	64QAM	256QAM
Middle	0	8.58	8.47	8.49	8.50	32	8.56	8.46	8.46	8.54
	1	8.58	8.46	8.50	8.50	33	8.54	8.45	8.46	8.55
	2	8.57	8.45	8.51	8.50	34	8.57	8.47	8.48	8.55
	3	8.57	8.43	8.51	8.50	35	8.56	8.46	8.47	8.54
	4	8.56	8.43	8.50	8.49	36	8.56	8.47	8.47	8.56
	5	8.55	8.43	8.50	8.48	37	8.55	8.46	8.47	8.54
	6	8.56	8.43	8.51	8.50	38	8.56	8.48	8.46	8.56
	7	8.56	8.43	8.52	8.50	39	8.54	8.46	8.46	8.56
	8	8.59	8.36	8.41	8.43	40	8.57	8.44	8.52	8.37
	9	8.59	8.36	8.38	8.43	41	8.58	8.44	8.53	8.38
	10	8.59	8.36	8.38	8.43	42	8.57	8.44	8.53	8.39
	11	8.59	8.36	8.38	8.44	43	8.58	8.45	8.51	8.37
	12	8.58	8.36	8.36	8.44	44	8.57	8.44	8.51	8.38
	13	8.59	8.35	8.39	8.42	45	8.58	8.44	8.51	8.38
	14	8.59	8.35	8.37	8.44	46	8.58	8.44	8.52	8.38
	15	8.59	8.36	8.35	8.44	47	8.58	8.43	8.50	8.39
	16	8.58	8.45	8.52	8.50	48	8.55	8.44	8.45	8.54
	17	8.57	8.43	8.50	8.50	49	8.55	8.45	8.45	8.54
	18	8.58	8.45	8.51	8.49	50	8.56	8.46	8.44	8.54
	19	8.58	8.44	8.49	8.47	51	8.56	8.46	8.45	8.54
	20	8.57	8.45	8.51	8.49	52	8.55	8.45	8.45	8.55
	21	8.57	8.44	8.51	8.50	53	8.56	8.45	8.45	8.55
	22	8.56	8.43	8.50	8.50	54	8.55	8.46	8.45	8.55
	23	8.57	8.43	8.50	8.49	55	8.53	8.46	8.45	8.55
	24	8.59	8.36	8.38	8.44	56	8.55	8.44	8.52	8.39
	25	8.60	8.35	8.37	8.42	57	8.57	8.44	8.52	8.38
	26	8.58	8.34	8.41	8.42	58	8.59	8.43	8.52	8.38
	27	8.59	8.36	8.37	8.42	59	8.59	8.43	8.52	8.37
	28	8.59	8.37	8.38	8.43	60	8.58	8.42	8.52	8.36
	29	8.59	8.36	8.38	8.41	61	8.58	8.44	8.53	8.38
	30	8.60	8.36	8.37	8.43	62	8.58	8.45	8.53	8.37
	31	8.60	8.36	8.38	8.43	63	8.58	8.45	8.51	8.38

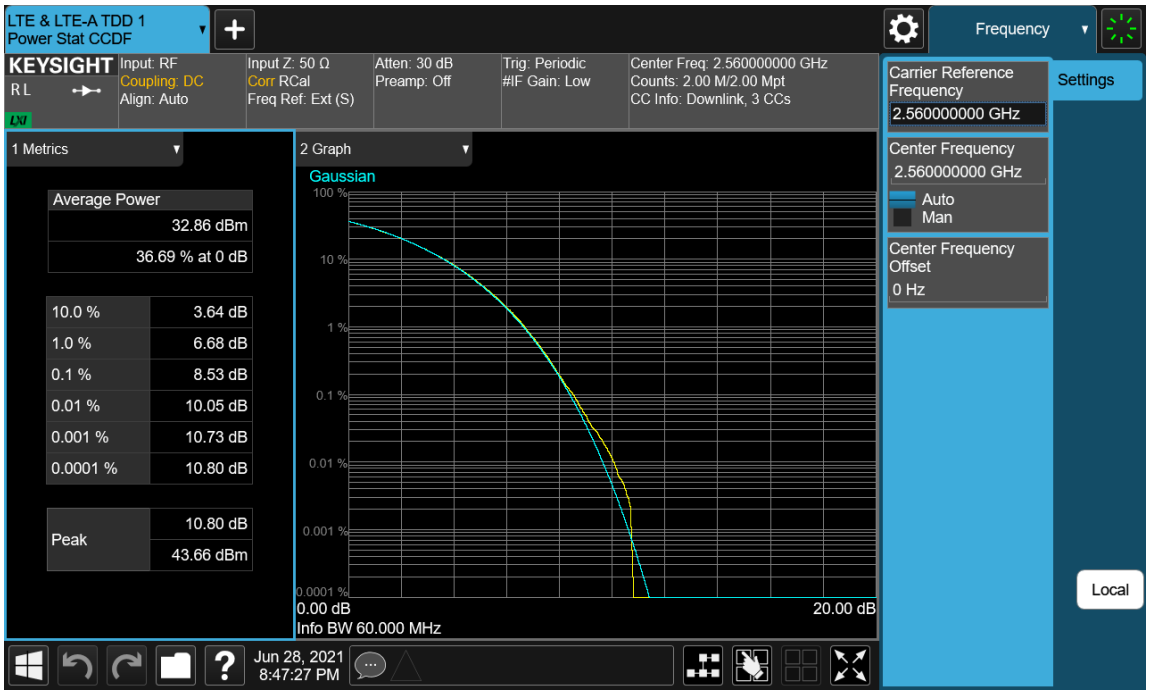
Table 7-18. Peak To Average Power Radio Summary Data
(LTE 3C_20M+20M+20M_Middle Channel)



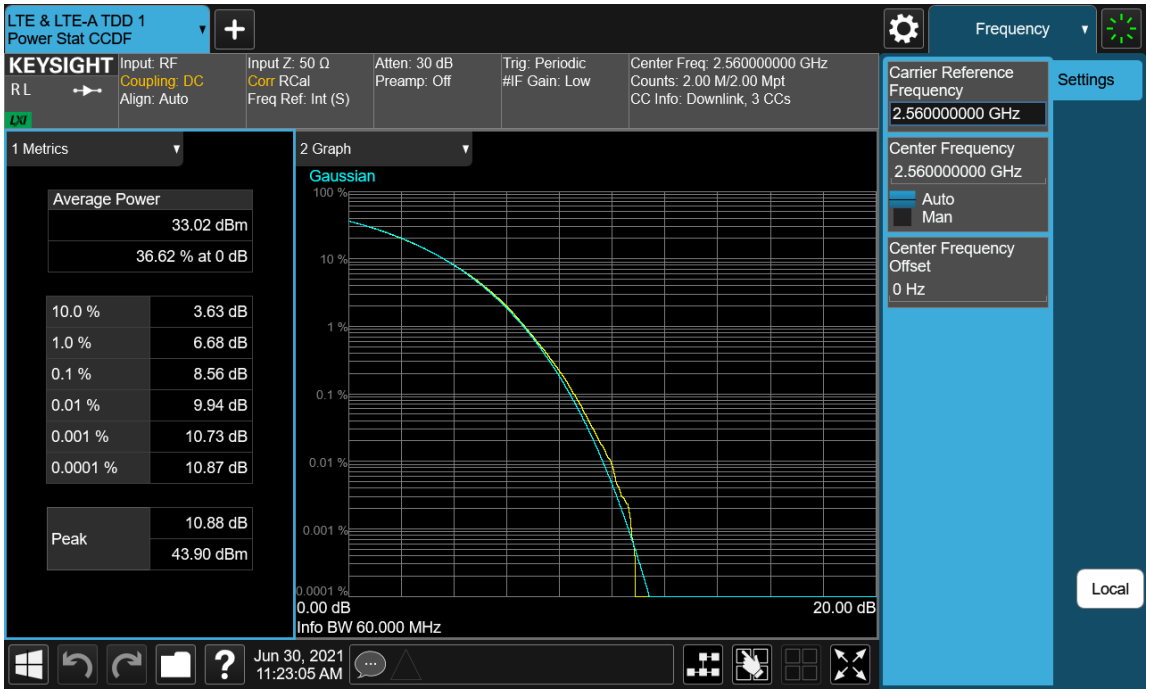
Plot 7-65. Peak To Average Power Radio Plot
(LTE 3C_20M+20M+20M - Middle Channel QPSK_Port 31)



Plot 7-66. Peak To Average Power Radio Plot
(LTE 3C_20M+20M+20M - Middle Channel _16QAM_Port 38)



Plot 7-67. Peak To Average Power Radio Plot
(LTE 3C_20M+20M+20M - Middle Channel _64QAM_Port 41)

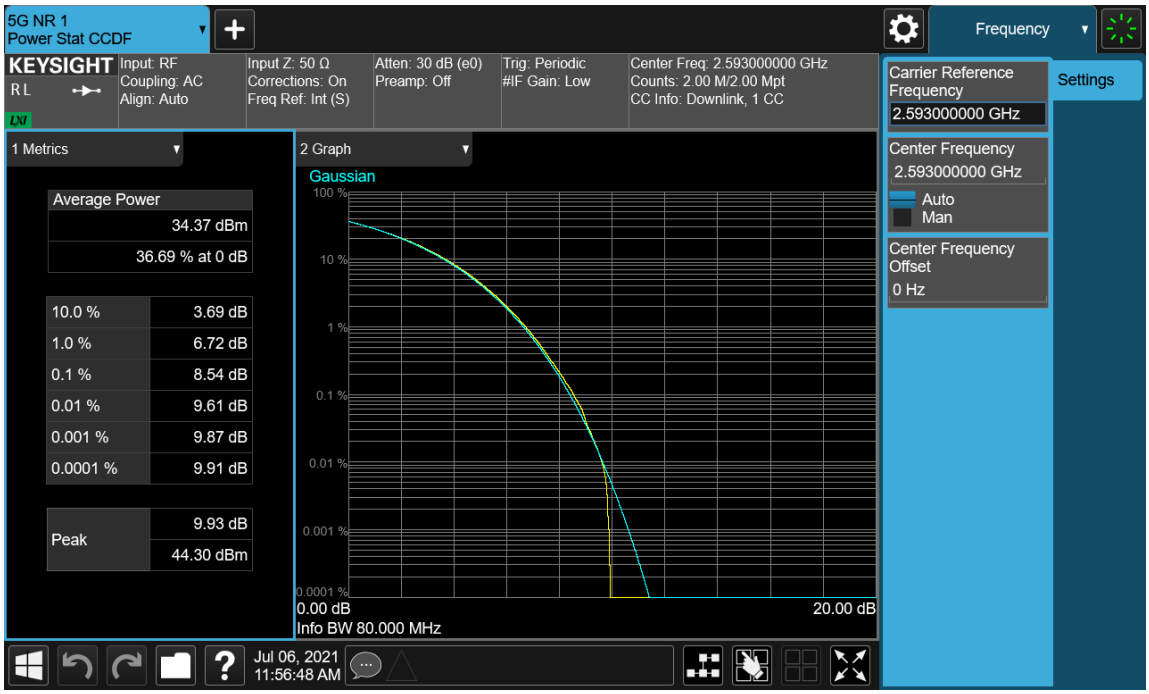


Plot 7-68. Peak To Average Power Radio Plot
(LTE 3C_20M+20M+20M - Middle Channel _256QAM_Port 39)

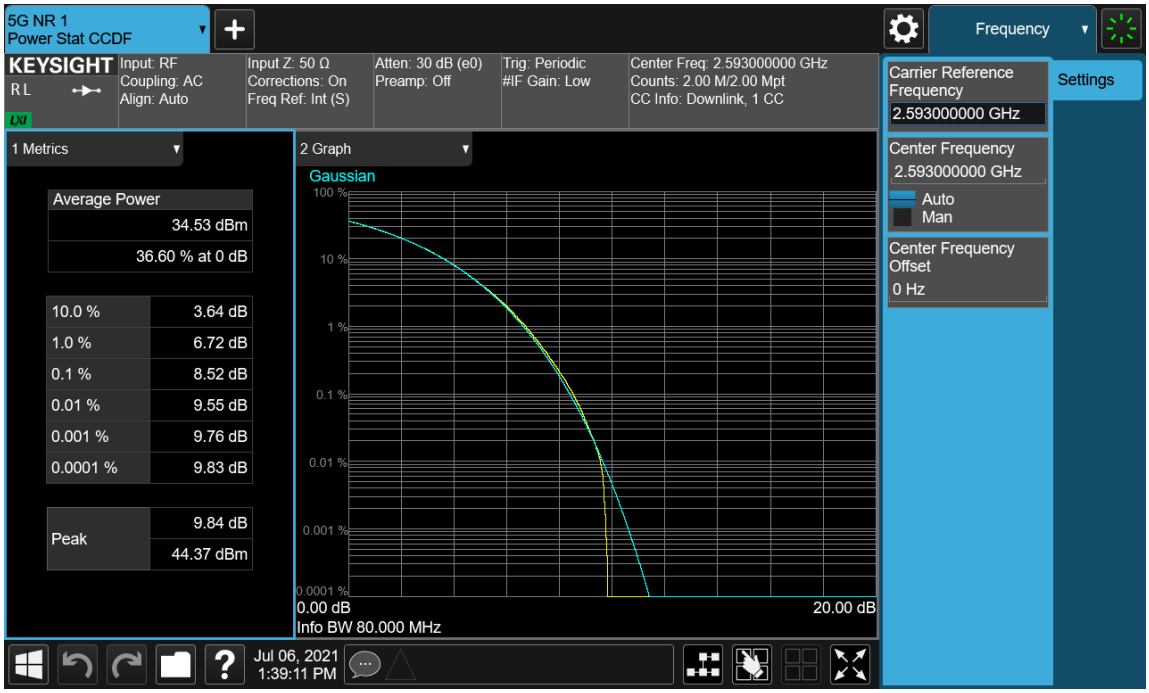
- NR 1C_80M Configuraiton

Channel	Port #	PAPR (dB)				Port #	PAPR (dB)			
		QPSK	16QAM	64QAM	256QAM		QPSK	16QAM	64QAM	256QAM
Middle	0	8.45	8.49	8.44	8.43	32	8.48	8.52	8.56	8.56
	1	8.45	8.49	8.44	8.43	33	8.50	8.50	8.56	8.56
	2	8.44	8.51	8.43	8.42	34	8.50	8.51	8.57	8.57
	3	8.44	8.52	8.44	8.43	35	8.50	8.50	8.57	8.57
	4	8.44	8.50	8.42	8.42	36	8.50	8.51	8.58	8.59
	5	8.44	8.50	8.44	8.43	37	8.50	8.50	8.57	8.59
	6	8.44	8.51	8.44	8.43	38	8.52	8.49	8.58	8.60
	7	8.44	8.51	8.45	8.45	39	8.50	8.49	8.60	8.60
	8	8.44	8.49	8.45	8.43	40	8.49	8.51	8.59	8.59
	9	8.44	8.51	8.45	8.44	41	8.49	8.50	8.60	8.61
	10	8.43	8.51	8.44	8.43	42	8.49	8.51	8.61	8.62
	11	8.46	8.52	8.45	8.43	43	8.51	8.51	8.61	8.61
	12	8.45	8.50	8.45	8.43	44	8.50	8.52	8.62	8.62
	13	8.46	8.51	8.46	8.43	45	8.51	8.51	8.63	8.63
	14	8.44	8.51	8.44	8.43	46	8.51	8.50	8.63	8.63
	15	8.45	8.52	8.45	8.42	47	8.50	8.49	8.63	8.64
	16	8.46	8.49	8.45	8.43	48	8.51	8.51	8.62	8.64
	17	8.45	8.51	8.44	8.43	49	8.51	8.51	8.62	8.64
	18	8.46	8.50	8.45	8.44	50	8.51	8.51	8.65	8.67
	19	8.45	8.49	8.43	8.44	51	8.52	8.51	8.64	8.65
	20	8.44	8.51	8.45	8.42	52	8.51	8.52	8.65	8.68
	21	8.44	8.52	8.44	8.43	53	8.51	8.51	8.64	8.66
	22	8.44	8.49	8.45	8.43	54	8.52	8.50	8.65	8.69
	23	8.44	8.49	8.44	8.42	55	8.52	8.50	8.65	8.67
	24	8.43	8.50	8.45	8.43	56	8.52	8.50	8.67	8.67
	25	8.43	8.49	8.45	8.44	57	8.52	8.49	8.67	8.67
	26	8.45	8.51	8.44	8.43	58	8.51	8.49	8.67	8.68
	27	8.44	8.50	8.44	8.43	59	8.52	8.49	8.68	8.69
	28	8.42	8.52	8.44	8.44	60	8.52	8.50	8.68	8.70
	29	8.45	8.51	8.54	8.44	61	8.53	8.50	8.68	8.71
	30	8.46	8.50	8.55	8.42	62	8.54	8.50	8.69	8.72
	31	8.45	8.51	8.57	8.55	63	8.53	8.49	8.68	8.72

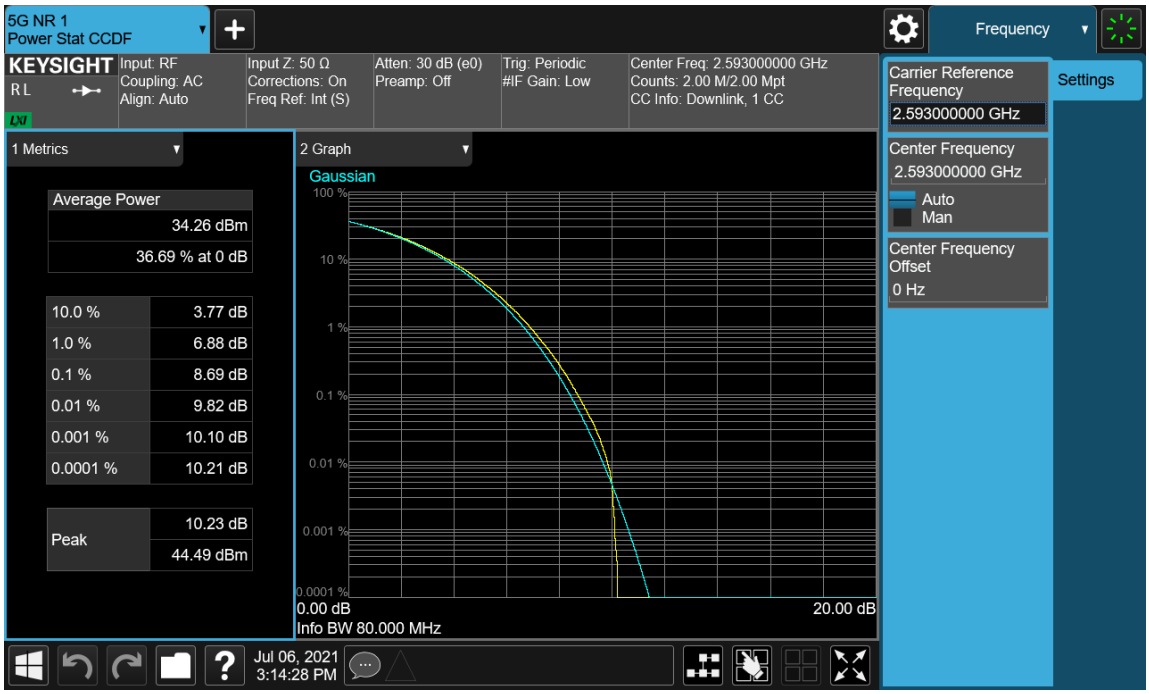
Table 7-19. Peak To Average Power Radio Summary Data
(NR 1C_80M_Middle Channel)



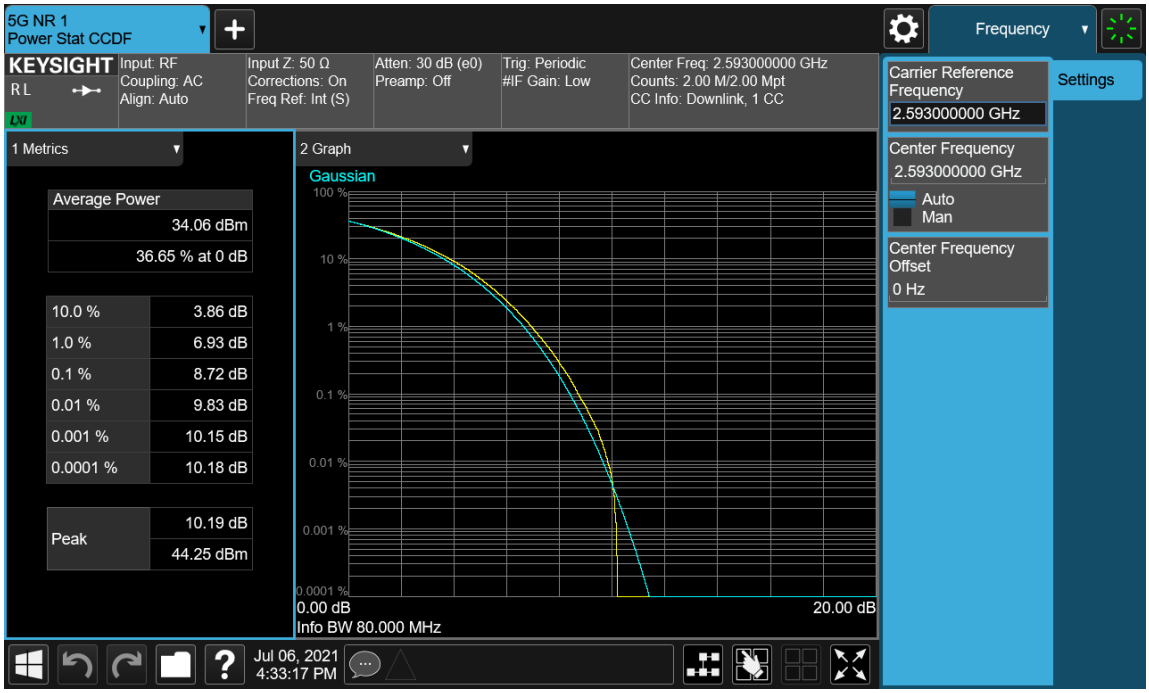
Plot 7-69. Peak To Average Power Radio Plot
(NR 1C_80M - Middle Channel_QPSK_Port 62)



Plot 7-70. Peak To Average Power Radio Plot
(NR 1C_80M - Middle Channel_16QAM_Port 3)



Plot 7-71. Peak To Average Power Radio Plot
(NR 1C_80M - Middle Channel_64QAM_Port 62)

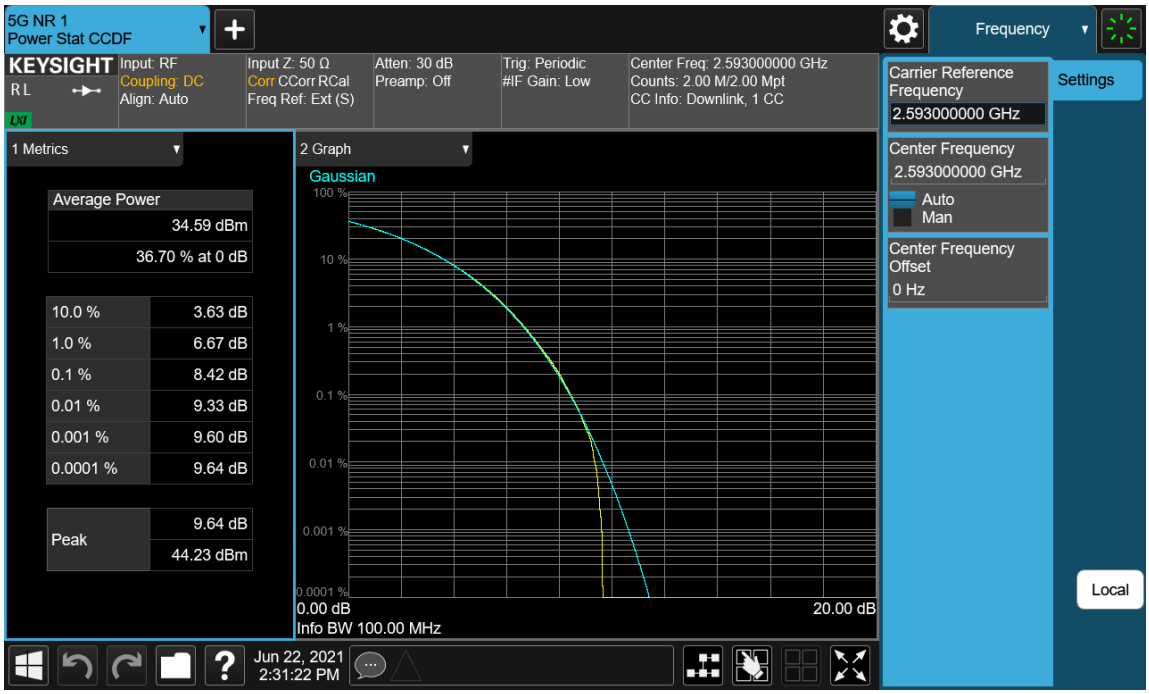


Plot 7-72. Peak To Average Power Radio Plot
(NR 1C_80M - Middle Channel_256QAM_Port 62)

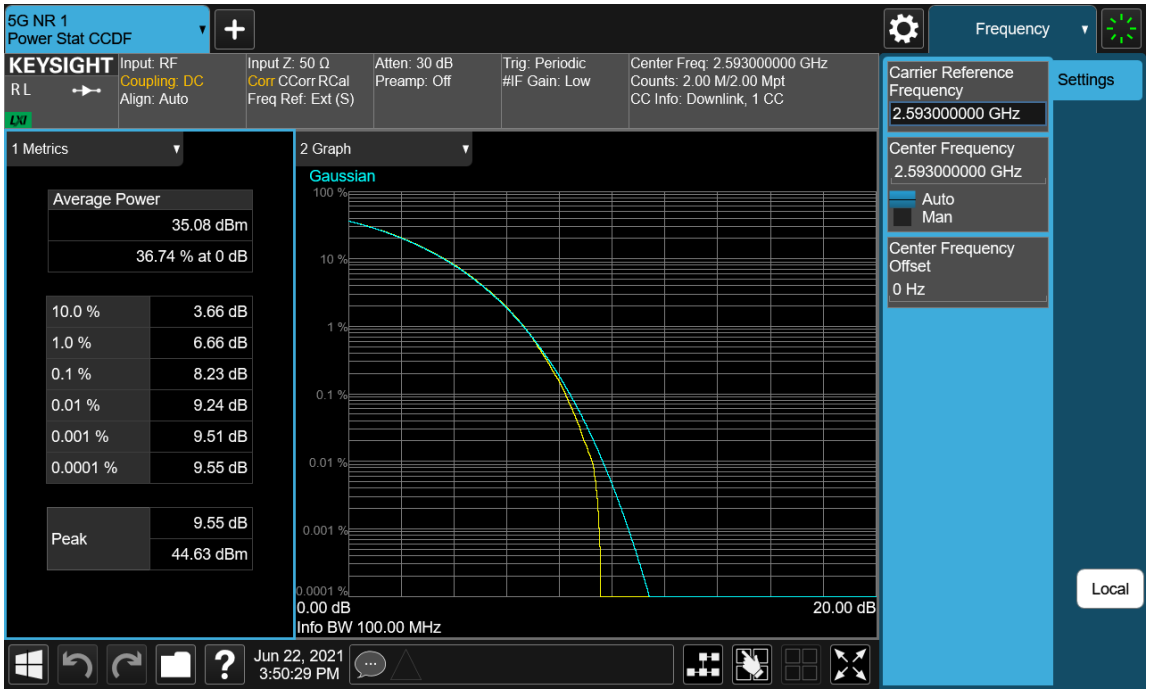
- NR 1C_100M Configuraiton

Channel	Port #	PAPR (dB)				Port #	PAPR (dB)			
		QPSK	16QAM	64QAM	256QAM		QPSK	16QAM	64QAM	256QAM
Middle	0	8.25	8.07	8.28	8.43	32	8.22	7.96	8.15	8.43
	1	8.37	8.11	8.30	8.39	33	8.25	8.04	8.20	8.46
	2	8.24	8.07	8.23	8.39	34	8.23	8.10	8.25	8.48
	3	8.19	8.09	8.21	8.38	35	8.24	8.05	8.25	8.47
	4	8.03	7.85	8.05	8.38	36	8.31	8.07	8.24	8.50
	5	8.34	8.09	8.28	8.39	37	8.15	8.00	8.17	8.51
	6	8.33	8.18	8.28	8.39	38	8.25	8.03	8.20	8.54
	7	8.19	8.04	8.23	8.40	39	8.28	8.07	8.26	8.56
	8	8.17	8.09	8.21	8.37	40	8.30	8.06	8.19	8.58
	9	8.28	8.14	8.31	8.40	41	8.22	8.03	8.22	8.59
	10	8.11	7.95	8.14	8.39	42	8.42	8.22	8.35	8.44
	11	8.39	8.18	8.32	8.41	43	8.18	8.08	8.21	8.43
	12	8.21	7.99	8.18	8.39	44	8.28	8.14	8.23	8.42
	13	8.34	8.11	8.28	8.40	45	8.31	8.12	8.26	8.42
	14	8.33	8.11	8.28	8.40	46	8.18	8.00	8.17	8.43
	15	8.30	8.10	8.27	8.40	47	8.19	7.99	8.13	8.43
	16	8.14	8.06	8.16	8.39	48	8.17	7.99	8.13	8.42
	17	8.23	8.06	8.23	8.39	49	8.12	7.98	8.08	8.42
	18	8.30	8.07	8.22	8.38	50	8.21	7.98	8.16	8.45
	19	8.27	8.08	8.22	8.37	51	8.19	7.97	8.15	8.43
	20	8.21	8.09	8.21	8.39	52	8.29	8.19	8.30	8.44
	21	8.29	8.07	8.25	8.40	53	8.32	8.05	8.24	8.44
	22	8.33	8.13	8.24	8.37	54	8.20	8.02	8.13	8.43
	23	8.25	8.05	8.24	8.39	55	8.14	8.00	8.13	8.42
	24	8.38	8.23	8.40	8.41	56	8.18	8.01	8.17	8.44
	25	8.28	8.04	8.21	8.40	57	8.12	7.92	8.12	8.43
	26	8.21	8.04	8.23	8.40	58	8.15	7.98	8.14	8.43
	27	8.33	8.20	8.28	8.40	59	8.26	8.01	8.17	8.44
	28	8.26	8.14	8.28	8.40	60	8.17	8.02	8.16	8.43
	29	8.30	8.13	8.25	8.41	61	8.19	8.00	8.12	8.43
	30	8.25	8.13	8.23	8.39	62	8.31	8.09	8.28	8.43
	31	8.22	8.01	8.14	8.41	63	8.24	7.97	8.12	8.43

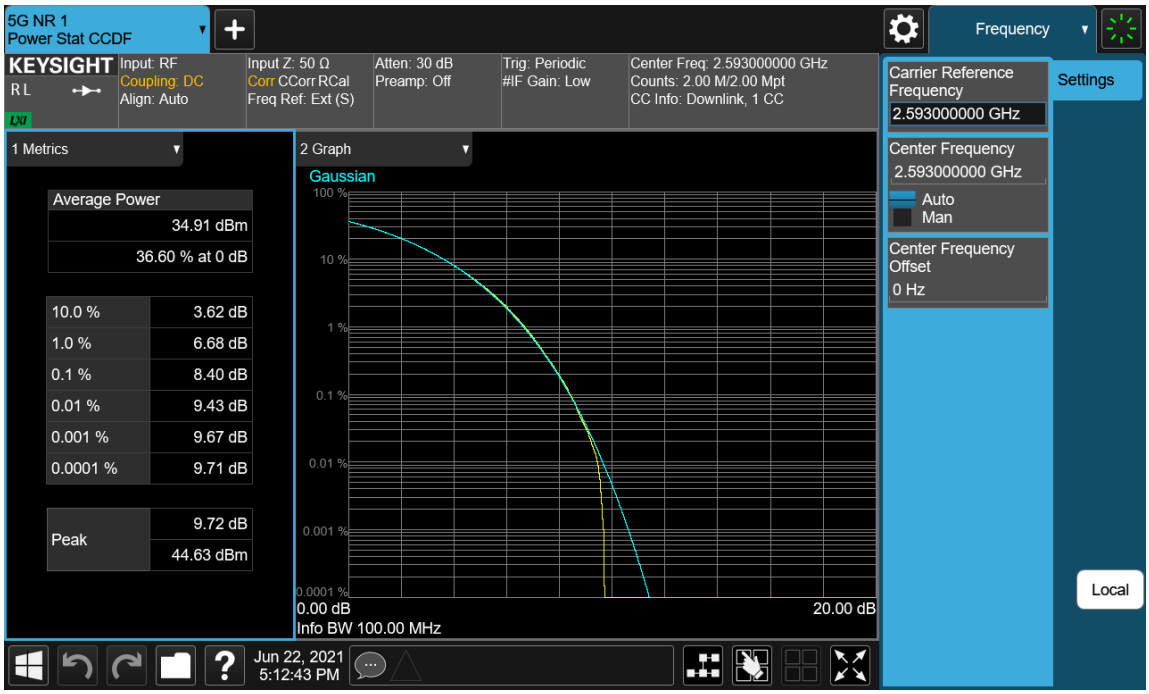
Table 7-20. Peak To Average Power Radio Summary Data
(NR 1C_100M_Middle Channel)



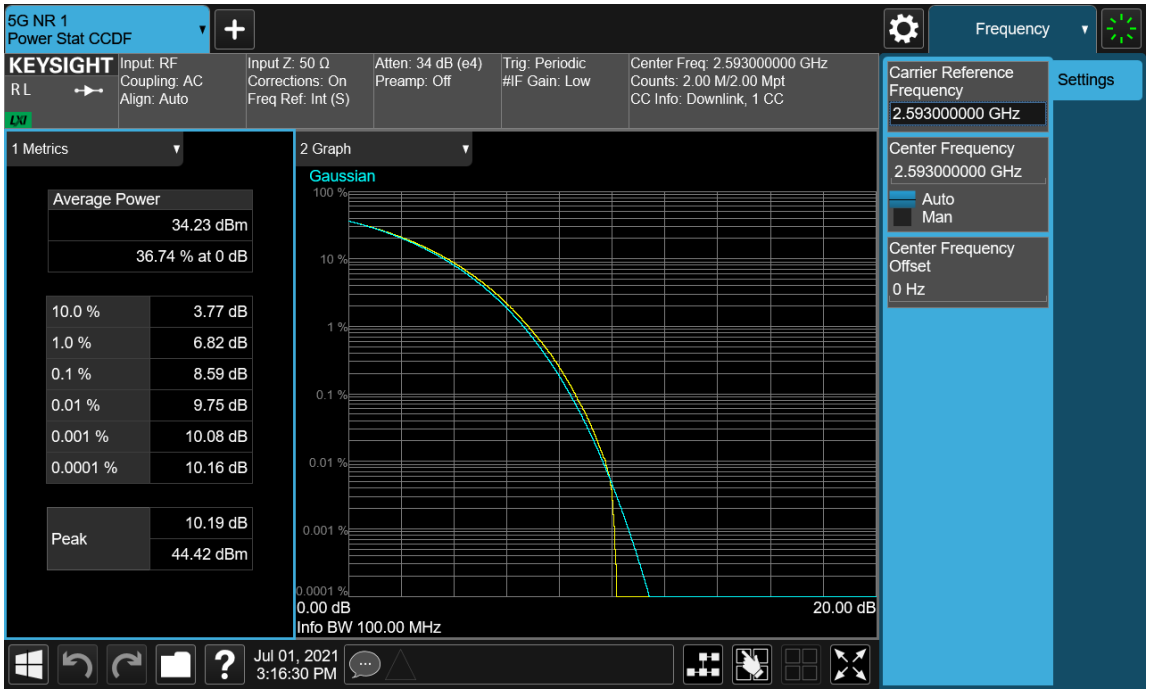
Plot 7-73. Peak To Average Power Radio Plot
(NR 1C_100M - Middle Channel_QPSK_Port 42)



Plot 7-74. Peak To Average Power Radio Plot
(NR 1C_100M - Middle Channel_16QAM_Port 24)



Plot 7-75. Peak To Average Power Radio Plot
(NR 1C_100M - Middle Channel_64QAM_Port 24)



Plot 7-76. Peak To Average Power Radio Plot
(NR 1C_100M - Middle Channel_256QAM_Port 41)

7.5 Band Edge Emissions at Antenna Terminal

§ 2.1051, § 27.53(m)

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

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 and stop frequency were set such that the band 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 band edge
3. RBW: Please see test notes below.
4. VBW ≥ 3 x RBW
5. Detector = RMS
6. Number of sweep points ≥ 2 x Span/RBW
7. Trace mode = trace average
8. Sweep time = auto couple
9. 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 exeed -13 dBm. The limit is adjusted to -31.06 dBm [-13 dBm - 10 log (64)] per KDB 662911 D01 v02r01 - section E)3) because the EUT operate as a 64 port MIMO transmitter.

Test Setup

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

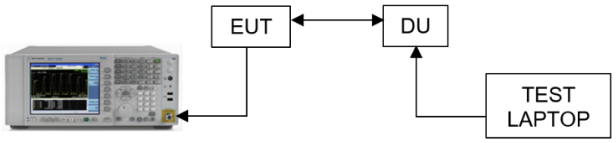


Figure 7-5. Test Instrument & Measurement Setup

Test Notes

1. 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.

2. All modes of operation were investigated. The test results shown in the following sections represent the worst case emissions.

3. Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M and Multi-RAT LTE 3C_20M+20M+20M & NR 1C_100M were determined as the worst case configuration compared to Single RAT LTE 20M+20M+20M and NR 80M and 100M cases.

4. The port with highest level i.e. worst case port per each test range has been highlighted in the following emission tables.

5. A duty cycle correction factor was applied.
   For LTE mode,
   Duty cycle = transmit on-time / transmitter period = 3.645 ms / 5.01 ms = 0.73
   Duty cycle correction factor = 10*log (1/duty cycle) =10*log (1/0.73) = 1.38 dB
   For NR mode,
   Duty cycle = transmit on-time / transmitter period = 3.608 ms / 5.002 ms = 0.72
   Duty cycle correction factor = 10*log (1/duty cycle) =10*log (1/0.73) = 1.42 dB
   This value has been applied as reference offset in the spectrum analyzer.

6. The integration method was performed using the spectrum analyzer's channel power, or 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 the a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter

- LTE 3C_20M+20M+20M Configuraiton

Channel	Port #	Measurement Range	Level(dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Low	0	2495MHz to 2496MHz	-37.96	-37.06	-37.38	-37.57	-31.06
		2494MHz to 2495MHz	-33.90	-34.71	-35.42	-38.38	-31.06
	1	2495MHz to 2496MHz	-37.48	-36.82	-37.12	-36.99	-31.06
		2494MHz to 2495MHz	-35.30	-36.09	-33.22	-38.46	-31.06
	2	2495MHz to 2496MHz	-37.11	-37.21	-36.92	-37.69	-31.06
		2494MHz to 2495MHz	-36.65	-33.89	-35.92	-38.42	-31.06
	3	2495MHz to 2496MHz	-37.64	-37.17	-36.54	-37.63	-31.06
		2494MHz to 2495MHz	-36.31	-35.30	-35.89	-38.40	-31.06
	4	2495MHz to 2496MHz	-37.74	-37.30	-37.44	-37.27	-31.06
		2494MHz to 2495MHz	-36.38	-36.23	-34.58	-38.52	-31.06
	5	2495MHz to 2496MHz	-36.99	-37.26	-37.15	-37.61	-31.06
		2494MHz to 2495MHz	-33.58	-36.26	-36.57	-38.48	-31.06
	6	2495MHz to 2496MHz	-37.80	-37.04	-37.32	-37.09	-31.06
		2494MHz to 2495MHz	-36.36	-36.79	-36.77	-38.60	-31.06
	7	2495MHz to 2496MHz	-37.30	-37.03	-36.77	-37.12	-31.06
		2494MHz to 2495MHz	-36.18	-35.58	-36.36	-38.20	-31.06
	8	2495MHz to 2496MHz	-37.83	-36.92	-37.02	-37.59	-31.06
		2494MHz to 2495MHz	-36.44	-36.64	-36.00	-38.14	-31.06
	9	2495MHz to 2496MHz	-37.51	-37.14	-36.89	-37.22	-31.06
		2494MHz to 2495MHz	-36.20	-35.77	-35.67	-38.06	-31.06
	10	2495MHz to 2496MHz	-37.38	-37.13	-37.08	-37.46	-31.06
		2494MHz to 2495MHz	-36.18	-37.10	-36.04	-38.36	-31.06
	11	2495MHz to 2496MHz	-37.33	-37.23	-36.65	-37.32	-31.06
		2494MHz to 2495MHz	-36.81	-36.87	-36.19	-38.44	-31.06
	12	2495MHz to 2496MHz	-37.44	-37.02	-37.33	-37.15	-31.06
		2494MHz to 2495MHz	-36.81	-36.06	-36.45	-38.39	-31.06
	13	2495MHz to 2496MHz	-37.42	-37.18	-36.90	-37.56	-31.06
		2494MHz to 2495MHz	-36.84	-36.79	-36.19	-38.54	-31.06
	14	2495MHz to 2496MHz	-37.38	-37.18	-37.39	-37.28	-31.06
		2494MHz to 2495MHz	-36.06	-36.19	-35.81	-38.45	-31.06
	15	2495MHz to 2496MHz	-37.09	-37.01	-37.38	-37.28	-31.06
		2494MHz to 2495MHz	-36.89	-36.74	-36.53	-38.45	-31.06
	16	2495MHz to 2496MHz	-37.02	-37.08	-36.54	-37.37	-31.06
		2494MHz to 2495MHz	-36.12	-35.93	-36.23	-38.35	-31.06
	17	2495MHz to 2496MHz	-37.19	-37.40	-36.94	-37.53	-31.06
		2494MHz to 2495MHz	-36.51	-36.32	-36.97	-38.43	-31.06
	18	2495MHz to 2496MHz	-36.47	-37.26	-36.53	-37.27	-31.06
		2494MHz to 2495MHz	-36.33	-36.61	-36.42	-38.36	-31.06
	19	2495MHz to 2496MHz	-37.32	-37.45	-36.72	-37.19	-31.06
		2494MHz to 2495MHz	-35.72	-37.02	-36.65	-38.26	-31.06
	20	2495MHz to 2496MHz	-37.35	-37.29	-37.04	-37.34	-31.06
		2494MHz to 2495MHz	-36.70	-36.78	-36.76	-38.28	-31.06
	21	2495MHz to 2496MHz	-37.23	-37.66	-37.44	-37.93	-31.06
		2494MHz to 2495MHz	-35.61	-36.25	-36.78	-38.31	-31.06
	22	2495MHz to 2496MHz	-37.66	-37.36	-37.08	-37.73	-31.06
		2494MHz to 2495MHz	-36.09	-35.72	-36.57	-38.45	-31.06
	23	2495MHz to 2496MHz	-37.15	-37.40	-36.99	-37.68	-31.06
		2494MHz to 2495MHz	-36.26	-36.71	-35.87	-38.51	-31.06
	24	2495MHz to 2496MHz	-37.02	-36.95	-36.47	-37.13	-31.06
		2494MHz to 2495MHz	-37.10	-36.43	-36.05	-38.22	-31.06
	25	2495MHz to 2496MHz	-37.17	-37.22	-36.82	-37.45	-31.06
		2494MHz to 2495MHz	-37.23	-37.14	-36.95	-38.57	-31.06
	26	2495MHz to 2496MHz	-37.32	-37.40	-37.44	-37.59	-31.06
		2494MHz to 2495MHz	-37.23	-36.34	-37.01	-38.50	-31.06
	27	2495MHz to 2496MHz	-37.28	-37.23	-37.16	-37.61	-31.06
		2494MHz to 2495MHz	-36.81	-36.75	-36.75	-38.29	-31.06
	28	2495MHz to 2496MHz	-37.46	-37.12	-37.19	-37.68	-31.06
		2494MHz to 2495MHz	-36.80	-37.23	-36.46	-38.46	-31.06
	29	2495MHz to 2496MHz	-37.75	-37.24	-37.33	-38.02	-31.06
		2494MHz to 2495MHz	-37.05	-37.17	-36.79	-38.72	-31.06
	30	2495MHz to 2496MHz	-37.45	-37.49	-37.75	-37.95	-31.06
		2494MHz to 2495MHz	-36.67	-36.67	-36.65	-38.35	-31.06
	31	2495MHz to 2496MHz	-37.38	-37.23	-36.88	-37.41	-31.06
		2494MHz to 2495MHz	-37.25	-36.43	-36.99	-38.53	-31.06

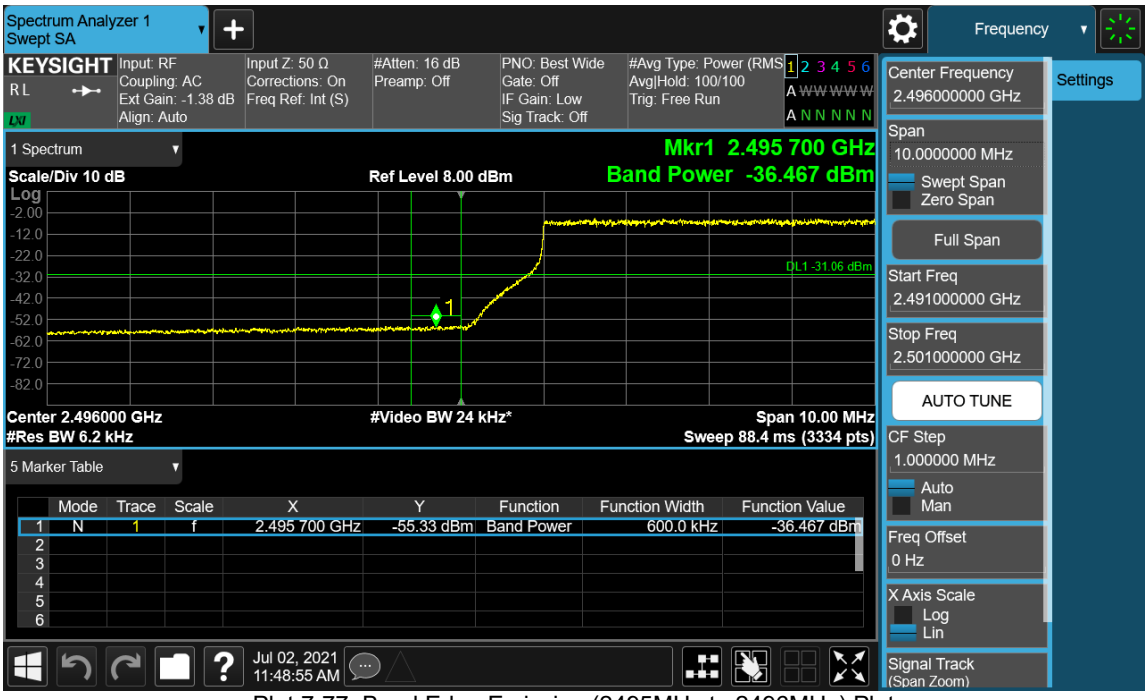
Low	32	2495MHz to 2496MHz	-37.47	-37.31	-37.32	-37.15	-31.06
		2494MHz to 2495MHz	-37.09	-37.12	-36.75	-38.35	-31.06
	33	2495MHz to 2496MHz	-37.52	-37.29	-37.32	-37.39	-31.06
		2494MHz to 2495MHz	-36.70	-36.92	-36.17	-38.46	-31.06
	34	2495MHz to 2496MHz	-36.95	-37.41	-37.20	-36.96	-31.06
		2494MHz to 2495MHz	-36.39	-36.60	-36.26	-38.13	-31.06
	35	2495MHz to 2496MHz	-37.12	-37.20	-36.76	-36.99	-31.06
		2494MHz to 2495MHz	-36.96	-36.70	-36.45	-38.08	-31.06
	36	2495MHz to 2496MHz	-37.02	-37.07	-36.72	-36.82	-31.06
		2494MHz to 2495MHz	-36.42	-36.60	-36.11	-38.13	-31.06
	37	2495MHz to 2496MHz	-37.35	-37.36	-37.48	-37.39	-31.06
		2494MHz to 2495MHz	-36.36	-36.77	-36.70	-38.39	-31.06
	38	2495MHz to 2496MHz	-36.94	-37.29	-37.16	-37.27	-31.06
		2494MHz to 2495MHz	-37.11	-36.54	-36.74	-38.42	-31.06
	39	2495MHz to 2496MHz	-37.01	-37.03	-36.86	-37.17	-31.06
		2494MHz to 2495MHz	-36.28	-36.54	-36.34	-38.10	-31.06
	40	2495MHz to 2496MHz	-37.30	-37.62	-37.18	-37.28	-31.06
		2494MHz to 2495MHz	-37.15	-37.05	-36.70	-38.51	-31.06
	41	2495MHz to 2496MHz	-37.38	-37.49	-37.29	-37.35	-31.06
		2494MHz to 2495MHz	-36.95	-36.53	-36.60	-38.43	-31.06
	42	2495MHz to 2496MHz	-37.23	-37.33	-36.82	-37.07	-31.06
		2494MHz to 2495MHz	-36.86	-36.50	-36.90	-38.40	-31.06
	43	2495MHz to 2496MHz	-37.10	-37.48	-37.29	-37.24	-31.06
		2494MHz to 2495MHz	-36.64	-36.58	-36.59	-38.22	-31.06
	44	2495MHz to 2496MHz	-36.82	-37.23	-36.75	-37.00	-31.06
		2494MHz to 2495MHz	-36.59	-36.43	-36.17	-38.21	-31.06
	45	2495MHz to 2496MHz	-37.18	-37.63	-37.35	-37.31	-31.06
		2494MHz to 2495MHz	-36.05	-36.46	-35.74	-38.37	-31.06
	46	2495MHz to 2496MHz	-37.18	-37.40	-37.41	-37.27	-31.06
		2494MHz to 2495MHz	-36.76	-36.56	-36.40	-38.39	-31.06
	47	2495MHz to 2496MHz	-37.44	-37.35	-37.23	-37.35	-31.06
		2494MHz to 2495MHz	-36.00	-36.53	-36.43	-38.07	-31.06
	48	2495MHz to 2496MHz	-37.24	-37.26	-36.52	-36.71	-31.06
		2494MHz to 2495MHz	-36.54	-36.26	-36.60	-38.16	-31.06
	49	2495MHz to 2496MHz	-37.48	-36.84	-37.20	-36.56	-31.06
		2494MHz to 2495MHz	-36.99	-36.43	-36.37	-38.19	-31.06
	50	2495MHz to 2496MHz	-37.26	-37.06	-37.33	-37.13	-31.06
		2494MHz to 2495MHz	-36.84	-36.93	-36.24	-38.45	-31.06
	51	2495MHz to 2496MHz	-37.42	-37.09	-37.15	-37.60	-31.06
		2494MHz to 2495MHz	-36.90	-36.73	-36.56	-38.35	-31.06
	52	2495MHz to 2496MHz	-37.11	-37.02	-36.98	-37.07	-31.06
		2494MHz to 2495MHz	-36.64	-36.75	-36.06	-38.39	-31.06
	53	2495MHz to 2496MHz	-37.22	-37.46	-37.38	-37.32	-31.06
		2494MHz to 2495MHz	-36.61	-36.57	-35.73	-38.15	-31.06
	54	2495MHz to 2496MHz	-37.17	-37.15	-37.19	-36.99	-31.06
		2494MHz to 2495MHz	-36.33	-36.19	-35.91	-37.85	-31.06
	55	2495MHz to 2496MHz	-37.33	-37.36	-37.26	-37.23	-31.06
		2494MHz to 2495MHz	-36.53	-36.25	-35.68	-38.19	-31.06
	56	2495MHz to 2496MHz	-36.92	-37.04	-36.96	-36.85	-31.06
		2494MHz to 2495MHz	-36.08	-36.41	-35.89	-37.87	-31.06
	57	2495MHz to 2496MHz	-37.38	-37.63	-37.35	-37.44	-31.06
		2494MHz to 2495MHz	-36.77	-36.92	-36.88	-38.44	-31.06
	58	2495MHz to 2496MHz	-36.81	-37.65	-37.22	-37.59	-31.06
		2494MHz to 2495MHz	-36.33	-36.39	-36.51	-38.28	-31.06
	59	2495MHz to 2496MHz	-37.42	-37.31	-36.49	-37.37	-31.06
		2494MHz to 2495MHz	-36.76	-36.10	-36.30	-38.29	-31.06
	60	2495MHz to 2496MHz	-37.63	-37.73	-37.49	-37.84	-31.06
		2494MHz to 2495MHz	-37.01	-37.22	-36.95	-38.55	-31.06
	61	2495MHz to 2496MHz	-37.10	-37.41	-37.26	-37.15	-31.06
		2494MHz to 2495MHz	-36.63	-36.47	-36.19	-38.15	-31.06
	62	2495MHz to 2496MHz	-37.44	-37.30	-37.43	-37.20	-31.06
		2494MHz to 2495MHz	-36.28	-36.64	-36.58	-38.26	-31.06
	63	2495MHz to 2496MHz	-37.38	-37.41	-37.34	-37.88	-31.06
		2494MHz to 2495MHz	-36.71	-36.49	-36.15	-38.32	-31.06

Table 7-21. Band Edge Emission Summary Data
(LTE 3C_20M+20M+20M_Low channel)

Channel	Port #	Measurement Range	Level(dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
High	0	2690MHz to 2691MHz	-32.64	-35.05	-35.26	-36.20	-31.06
		2691MHz to 2692MHz	-35.27	-32.95	-32.32	-37.32	-31.06
	1	2690MHz to 2691MHz	-34.32	-35.71	-35.63	-35.64	-31.06
		2691MHz to 2692MHz	-35.38	-33.65	-34.57	-37.68	-31.06
	2	2690MHz to 2691MHz	-34.28	-36.68	-36.15	-36.39	-31.06
		2691MHz to 2692MHz	-35.43	-34.03	-34.19	-37.56	-31.06
	3	2690MHz to 2691MHz	-36.42	-36.58	-36.46	-36.39	-31.06
		2691MHz to 2692MHz	-35.33	-34.48	-34.55	-37.55	-31.06
	4	2690MHz to 2691MHz	-36.45	-35.15	-35.48	-35.50	-31.06
		2691MHz to 2692MHz	-35.76	-34.24	-35.11	-37.42	-31.06
	5	2690MHz to 2691MHz	-34.81	-36.22	-35.79	-35.97	-31.06
		2691MHz to 2692MHz	-35.11	-33.75	-33.04	-37.59	-31.06
	6	2690MHz to 2691MHz	-34.62	-35.81	-35.24	-36.37	-31.06
		2691MHz to 2692MHz	-35.30	-34.46	-35.15	-37.58	-31.06
	7	2690MHz to 2691MHz	-33.04	-36.08	-36.35	-36.08	-31.06
		2691MHz to 2692MHz	-35.36	-34.47	-34.80	-37.52	-31.06
	8	2690MHz to 2691MHz	-35.80	-35.43	-35.52	-35.95	-31.06
		2691MHz to 2692MHz	-35.58	-34.92	-35.58	-37.26	-31.06
	9	2690MHz to 2691MHz	-35.70	-36.27	-36.02	-36.40	-31.06
		2691MHz to 2692MHz	-35.69	-34.67	-34.80	-37.47	-31.06
	10	2690MHz to 2691MHz	-36.57	-35.40	-35.96	-36.09	-31.06
		2691MHz to 2692MHz	-35.79	-34.72	-34.96	-37.59	-31.06
	11	2690MHz to 2691MHz	-36.96	-36.31	-35.73	-36.10	-31.06
		2691MHz to 2692MHz	-35.42	-33.95	-35.93	-37.39	-31.06
	12	2690MHz to 2691MHz	-34.63	-35.77	-35.48	-35.81	-31.06
		2691MHz to 2692MHz	-34.97	-34.41	-34.74	-37.34	-31.06
	13	2690MHz to 2691MHz	-36.30	-36.49	-36.23	-36.11	-31.06
		2691MHz to 2692MHz	-35.77	-34.44	-34.68	-36.97	-31.06
	14	2690MHz to 2691MHz	-36.84	-36.45	-36.14	-36.34	-31.06
		2691MHz to 2692MHz	-35.01	-35.04	-34.86	-37.50	-31.06
	15	2690MHz to 2691MHz	-36.82	-36.62	-36.37	-36.89	-31.06
		2691MHz to 2692MHz	-35.26	-35.01	-35.15	-37.49	-31.06
	16	2690MHz to 2691MHz	-35.61	-36.09	-36.15	-36.36	-31.06
		2691MHz to 2692MHz	-34.93	-34.60	-34.96	-37.39	-31.06
	17	2690MHz to 2691MHz	-36.52	-35.78	-35.75	-36.08	-31.06
		2691MHz to 2692MHz	-35.42	-34.43	-34.22	-37.50	-31.06
	18	2690MHz to 2691MHz	-35.90	-36.31	-36.02	-36.41	-31.06
		2691MHz to 2692MHz	-34.85	-35.31	-35.33	-37.50	-31.06
	19	2690MHz to 2691MHz	-36.67	-36.13	-36.02	-36.44	-31.06
		2691MHz to 2692MHz	-35.55	-35.77	-35.34	-37.53	-31.06
	20	2690MHz to 2691MHz	-36.67	-36.10	-35.47	-36.16	-31.06
		2691MHz to 2692MHz	-35.18	-35.42	-35.56	-37.49	-31.06
	21	2690MHz to 2691MHz	-37.21	-36.77	-36.75	-36.91	-31.06
		2691MHz to 2692MHz	-35.88	-35.44	-35.63	-37.57	-31.06
	22	2690MHz to 2691MHz	-36.55	-35.77	-35.65	-36.01	-31.06
		2691MHz to 2692MHz	-35.70	-35.25	-35.34	-37.61	-31.06
	23	2690MHz to 2691MHz	-36.29	-36.31	-36.14	-36.64	-31.06
		2691MHz to 2692MHz	-34.96	-33.79	-34.33	-37.31	-31.06
	24	2690MHz to 2691MHz	-36.84	-36.48	-35.81	-36.00	-31.06
		2691MHz to 2692MHz	-35.18	-34.59	-35.46	-37.35	-31.06
	25	2690MHz to 2691MHz	-37.45	-36.02	-36.09	-36.28	-31.06
		2691MHz to 2692MHz	-35.89	-35.46	-35.28	-37.52	-31.06
	26	2690MHz to 2691MHz	-36.75	-36.58	-36.29	-36.65	-31.06
		2691MHz to 2692MHz	-35.75	-34.91	-34.98	-37.59	-31.06
	27	2690MHz to 2691MHz	-36.91	-36.12	-36.33	-36.28	-31.06
		2691MHz to 2692MHz	-35.40	-35.04	-35.54	-37.53	-31.06
	28	2690MHz to 2691MHz	-36.81	-36.27	-36.47	-36.38	-31.06
		2691MHz to 2692MHz	-35.14	-34.60	-35.02	-37.56	-31.06
	29	2690MHz to 2691MHz	-36.72	-36.13	-35.39	-36.65	-31.06
		2691MHz to 2692MHz	-35.53	-34.97	-35.65	-37.59	-31.06
	30	2690MHz to 2691MHz	-36.63	-36.32	-36.00	-36.49	-31.06
		2691MHz to 2692MHz	-35.47	-35.60	-34.89	-37.80	-31.06
	31	2690MHz to 2691MHz	-36.50	-36.37	-36.42	-36.56	-31.06
		2691MHz to 2692MHz	-34.89	-35.06	-35.38	-37.42	-31.06

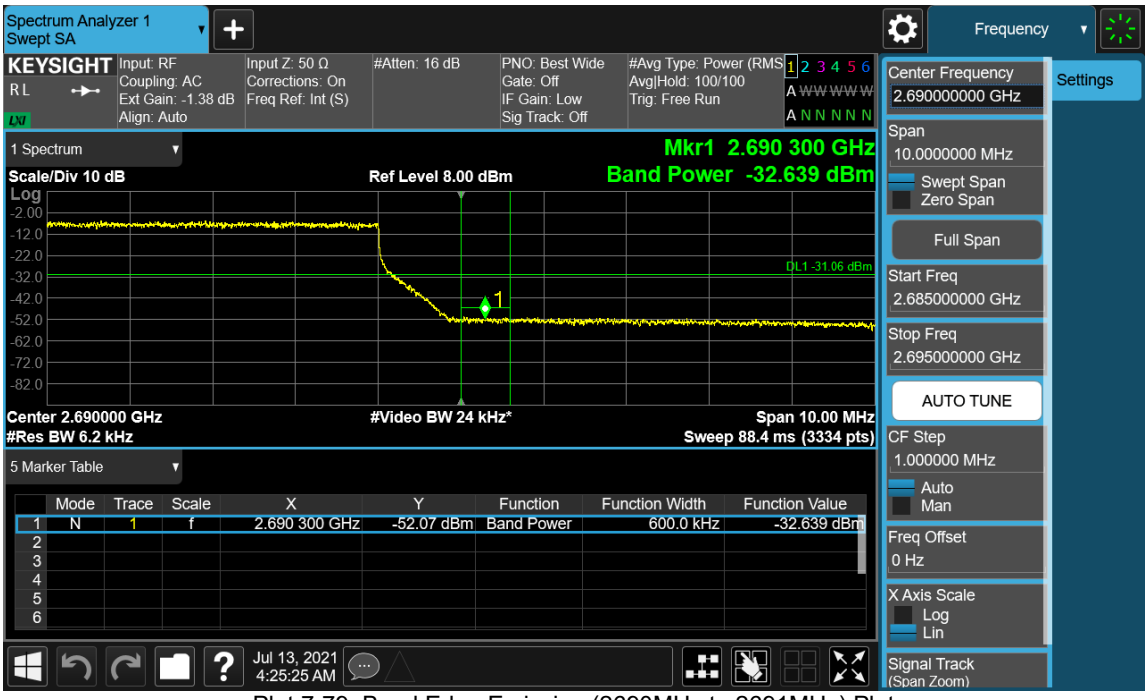
High	32	2690MHz to 2691MHz	-36.43	-35.65	-35.65	-36.01	-31.06
		2691MHz to 2692MHz	-35.27	-34.58	-34.95	-37.25	-31.06
	33	2690MHz to 2691MHz	-37.12	-35.88	-35.92	-36.43	-31.06
		2691MHz to 2692MHz	-35.46	-35.55	-35.14	-37.64	-31.06
	34	2690MHz to 2691MHz	-36.61	-36.12	-36.06	-36.01	-31.06
		2691MHz to 2692MHz	-34.82	-35.25	-35.25	-37.33	-31.06
	35	2690MHz to 2691MHz	-37.17	-36.27	-36.05	-36.23	-31.06
		2691MHz to 2692MHz	-35.42	-35.24	-35.03	-37.47	-31.06
	36	2690MHz to 2691MHz	-36.26	-35.35	-35.58	-35.55	-31.06
		2691MHz to 2692MHz	-34.74	-34.97	-34.26	-36.96	-31.06
	37	2690MHz to 2691MHz	-35.91	-36.63	-36.46	-36.24	-31.06
		2691MHz to 2692MHz	-34.31	-34.77	-34.49	-37.20	-31.06
	38	2690MHz to 2691MHz	-36.73	-36.23	-36.20	-36.66	-31.06
		2691MHz to 2692MHz	-35.29	-34.80	-35.10	-37.33	-31.06
	39	2690MHz to 2691MHz	-35.67	-35.99	-35.76	-36.01	-31.06
		2691MHz to 2692MHz	-34.59	-34.36	-33.94	-37.10	-31.06
	40	2690MHz to 2691MHz	-36.53	-36.13	-36.29	-36.10	-31.06
		2691MHz to 2692MHz	-34.95	-35.60	-34.81	-37.48	-31.06
	41	2690MHz to 2691MHz	-37.00	-36.34	-36.22	-36.26	-31.06
		2691MHz to 2692MHz	-35.45	-35.31	-35.14	-37.38	-31.06
	42	2690MHz to 2691MHz	-37.02	-36.42	-36.41	-35.88	-31.06
		2691MHz to 2692MHz	-35.70	-35.33	-35.58	-37.63	-31.06
	43	2690MHz to 2691MHz	-36.32	-36.57	-35.31	-36.54	-31.06
		2691MHz to 2692MHz	-34.62	-34.90	-34.40	-37.32	-31.06
	44	2690MHz to 2691MHz	-36.36	-36.46	-36.55	-35.68	-31.06
		2691MHz to 2692MHz	-35.10	-35.25	-35.11	-37.34	-31.06
	45	2690MHz to 2691MHz	-36.47	-36.45	-35.96	-36.25	-31.06
		2691MHz to 2692MHz	-34.56	-35.43	-34.96	-37.20	-31.06
	46	2690MHz to 2691MHz	-36.55	-36.34	-36.47	-35.86	-31.06
		2691MHz to 2692MHz	-34.79	-35.33	-34.44	-37.05	-31.06
	47	2690MHz to 2691MHz	-36.09	-36.14	-35.43	-35.59	-31.06
		2691MHz to 2692MHz	-34.28	-34.44	-34.08	-36.87	-31.06
	48	2690MHz to 2691MHz	-36.52	-35.78	-36.02	-35.51	-31.06
		2691MHz to 2692MHz	-34.93	-35.14	-34.82	-37.37	-31.06
	49	2690MHz to 2691MHz	-36.69	-35.92	-35.55	-35.56	-31.06
		2691MHz to 2692MHz	-35.49	-35.66	-35.53	-37.42	-31.06
	50	2690MHz to 2691MHz	-36.81	-36.38	-36.07	-36.30	-31.06
		2691MHz to 2692MHz	-35.07	-35.57	-35.30	-37.47	-31.06
	51	2690MHz to 2691MHz	-37.05	-35.99	-36.03	-35.76	-31.06
		2691MHz to 2692MHz	-35.42	-35.11	-35.22	-37.55	-31.06
	52	2690MHz to 2691MHz	-36.67	-35.68	-35.71	-35.95	-31.06
		2691MHz to 2692MHz	-35.57	-35.39	-35.51	-37.66	-31.06
	53	2690MHz to 2691MHz	-37.07	-36.24	-35.90	-36.14	-31.06
		2691MHz to 2692MHz	-35.72	-35.71	-35.48	-37.55	-31.06
	54	2690MHz to 2691MHz	-37.17	-35.87	-35.43	-35.74	-31.06
		2691MHz to 2692MHz	-35.46	-35.47	-35.62	-37.47	-31.06
	55	2690MHz to 2691MHz	-36.69	-36.24	-35.84	-35.99	-31.06
		2691MHz to 2692MHz	-35.35	-35.44	-35.43	-37.58	-31.06
	56	2690MHz to 2691MHz	-36.07	-35.83	-35.25	-35.49	-31.06
		2691MHz to 2692MHz	-34.37	-35.39	-34.74	-37.15	-31.06
	57	2690MHz to 2691MHz	-36.98	-36.22	-36.14	-35.40	-31.06
		2691MHz to 2692MHz	-35.59	-35.93	-35.35	-37.62	-31.06
	58	2690MHz to 2691MHz	-36.74	-36.29	-35.98	-35.87	-31.06
		2691MHz to 2692MHz	-35.00	-35.48	-34.99	-37.55	-31.06
	59	2690MHz to 2691MHz	-36.88	-36.24	-35.45	-35.92	-31.06
		2691MHz to 2692MHz	-35.20	-35.73	-35.65	-37.57	-31.06
	60	2690MHz to 2691MHz	-36.25	-35.96	-35.72	-35.97	-31.06
		2691MHz to 2692MHz	-35.32	-35.35	-34.82	-37.14	-31.06
	61	2690MHz to 2691MHz	-36.71	-35.80	-35.68	-35.57	-31.06
		2691MHz to 2692MHz	-35.10	-35.19	-34.73	-37.18	-31.06
	62	2690MHz to 2691MHz	-35.99	-36.25	-35.72	-36.24	-31.06
		2691MHz to 2692MHz	-34.76	-35.12	-34.84	-37.31	-31.06
	63	2690MHz to 2691MHz	-36.63	-35.40	-35.29	-35.30	-31.06
		2691MHz to 2692MHz	-35.15	-34.90	-34.87	-37.18	-31.06

Table 7-22. Band Edge Emission Summary Data
(LTE 3C_20M+20M+20M_High channel)

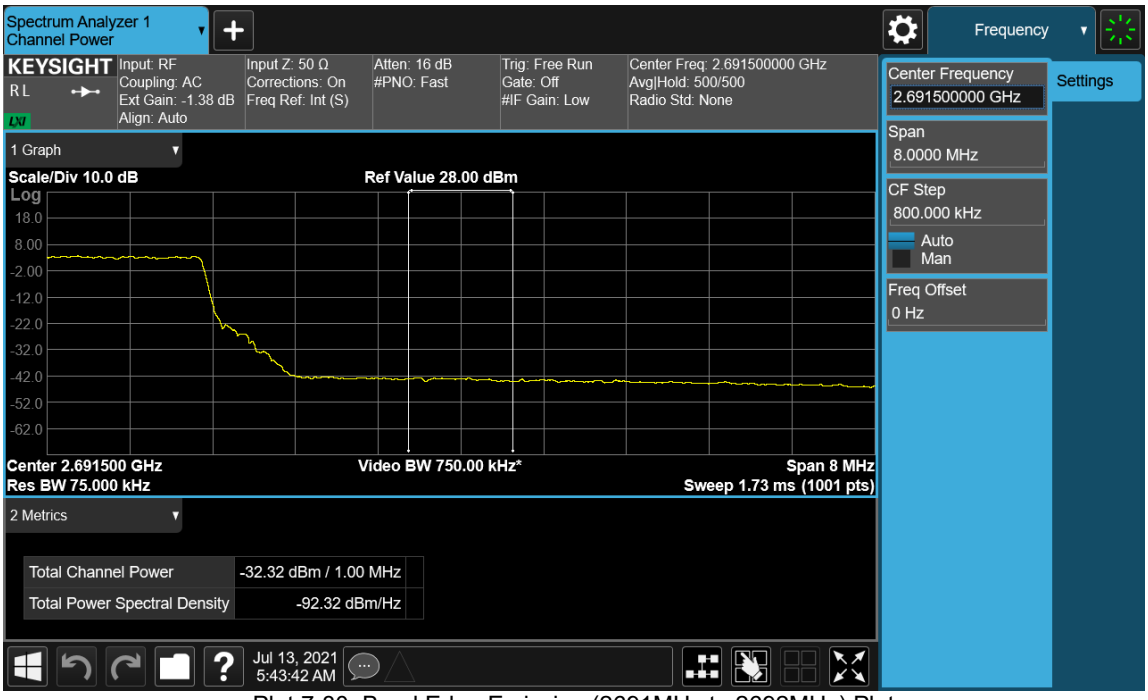


Plot 7-77. Band Edge Emission (2495MHz to 2496MHz) Plot
(LTE 3C_20M+20M+20M - Low Channel_64QAM_Port 24)

Plot 7-78. Band Edge Emission (2494MHz to 2495MHz) Plot
(LTE 3C_20M+20M+20M - Low Channel_64QAM_Port 1)



Plot 7-79. Band Edge Emission (2690MHz to 2691MHz) Plot
(LTE 3C_20M+20M+20M - High Channel_QPSK_Port 0)



Plot 7-80. Band Edge Emission (2691MHz to 2692MHz) Plot
(LTE 3C_20M+20M+20M - High Channel_64QAM_Port 0)

- NR 1C_80M Configuraiton

Channel	Port #	Measurement Range	Level(dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Low	0	2495MHz to 2496MHz	-35.41	-34.97	-35.33	-34.91	-31.06
		2494MHz to 2495MHz	-34.89	-35.45	-36.18	-35.38	-31.06
	1	2495MHz to 2496MHz	-35.35	-34.94	-35.49	-35.21	-31.06
		2494MHz to 2495MHz	-35.24	-35.94	-36.33	-33.36	-31.06
	2	2495MHz to 2496MHz	-35.50	-35.34	-35.51	-35.46	-31.06
		2494MHz to 2495MHz	-34.07	-34.78	-35.84	-35.63	-31.06
	3	2495MHz to 2496MHz	-35.26	-34.79	-35.57	-35.19	-31.06
		2494MHz to 2495MHz	-36.03	-36.22	-36.39	-34.32	-31.06
	4	2495MHz to 2496MHz	-34.70	-34.74	-34.43	-34.93	-31.06
		2494MHz to 2495MHz	-35.70	-35.66	-36.50	-35.94	-31.06
	5	2495MHz to 2496MHz	-35.45	-35.03	-35.43	-34.95	-31.06
		2494MHz to 2495MHz	-33.14	-34.85	-35.53	-34.76	-31.06
	6	2495MHz to 2496MHz	-34.93	-33.89	-35.07	-34.73	-31.06
		2494MHz to 2495MHz	-36.18	-35.72	-36.11	-36.17	-31.06
	7	2495MHz to 2496MHz	-35.34	-34.86	-35.35	-34.55	-31.06
		2494MHz to 2495MHz	-35.38	-35.95	-35.91	-35.68	-31.06
	8	2495MHz to 2496MHz	-34.92	-34.58	-34.94	-34.87	-31.06
		2494MHz to 2495MHz	-36.00	-36.26	-35.90	-35.82	-31.06
	9	2495MHz to 2496MHz	-35.41	-34.90	-35.40	-35.31	-31.06
		2494MHz to 2495MHz	-35.49	-35.36	-35.97	-35.41	-31.06
	10	2495MHz to 2496MHz	-34.35	-33.89	-34.72	-34.46	-31.06
		2494MHz to 2495MHz	-35.86	-35.90	-36.07	-34.49	-31.06
	11	2495MHz to 2496MHz	-35.74	-35.50	-35.69	-35.81	-31.06
		2494MHz to 2495MHz	-34.80	-35.83	-35.90	-35.25	-31.06
	12	2495MHz to 2496MHz	-35.40	-34.67	-35.35	-35.18	-31.06
		2494MHz to 2495MHz	-35.68	-35.39	-35.91	-35.36	-31.06
	13	2495MHz to 2496MHz	-35.21	-34.85	-35.06	-35.43	-31.06
		2494MHz to 2495MHz	-35.32	-35.24	-35.59	-35.70	-31.06
	14	2495MHz to 2496MHz	-35.08	-34.30	-35.43	-35.25	-31.06
		2494MHz to 2495MHz	-35.61	-36.14	-36.16	-36.43	-31.06
	15	2495MHz to 2496MHz	-34.97	-34.64	-35.35	-35.14	-31.06
		2494MHz to 2495MHz	-36.21	-36.02	-36.41	-36.18	-31.06
	16	2495MHz to 2496MHz	-35.03	-34.38	-34.76	-34.68	-31.06
		2494MHz to 2495MHz	-35.63	-35.82	-35.49	-35.63	-31.06
	17	2495MHz to 2496MHz	-35.12	-34.89	-35.48	-35.05	-31.06
		2494MHz to 2495MHz	-36.25	-36.17	-35.56	-35.46	-31.06
	18	2495MHz to 2496MHz	-35.25	-34.99	-35.42	-35.35	-31.06
		2494MHz to 2495MHz	-35.10	-34.75	-35.89	-35.39	-31.06
	19	2495MHz to 2496MHz	-35.70	-35.36	-35.60	-35.58	-31.06
		2494MHz to 2495MHz	-35.37	-35.28	-35.68	-35.78	-31.06
	20	2495MHz to 2496MHz	-35.24	-34.67	-35.31	-35.12	-31.06
		2494MHz to 2495MHz	-36.01	-36.15	-36.54	-35.83	-31.06
	21	2495MHz to 2496MHz	-35.53	-35.05	-35.55	-35.39	-31.06
		2494MHz to 2495MHz	-36.46	-36.50	-37.08	-35.79	-31.06
	22	2495MHz to 2496MHz	-35.03	-34.86	-35.28	-35.25	-31.06
		2494MHz to 2495MHz	-35.97	-36.18	-36.34	-35.80	-31.06
	23	2495MHz to 2496MHz	-35.45	-34.74	-35.17	-35.21	-31.06
		2494MHz to 2495MHz	-35.65	-35.50	-35.17	-35.06	-31.06
	24	2495MHz to 2496MHz	-35.10	-34.66	-35.04	-35.27	-31.06
		2494MHz to 2495MHz	-36.14	-35.64	-35.61	-36.33	-31.06
	25	2495MHz to 2496MHz	-35.15	-34.54	-35.07	-35.11	-31.06
		2494MHz to 2495MHz	-36.46	-36.00	-36.15	-35.35	-31.06
	26	2495MHz to 2496MHz	-35.02	-34.57	-34.73	-34.85	-31.06
		2494MHz to 2495MHz	-36.34	-35.89	-36.13	-35.31	-31.06
	27	2495MHz to 2496MHz	-35.35	-34.98	-35.19	-35.42	-31.06
		2494MHz to 2495MHz	-35.64	-35.63	-36.06	-35.31	-31.06
	28	2495MHz to 2496MHz	-35.82	-35.10	-35.89	-35.98	-31.06
		2494MHz to 2495MHz	-36.26	-36.37	-36.19	-36.39	-31.06
	29	2495MHz to 2496MHz	-35.37	-35.16	-35.63	-35.70	-31.06
		2494MHz to 2495MHz	-36.68	-36.68	-36.72	-36.61	-31.06
	30	2495MHz to 2496MHz	-35.65	-35.02	-35.73	-35.28	-31.06
		2494MHz to 2495MHz	-36.59	-35.95	-36.63	-35.98	-31.06
	31	2495MHz to 2496MHz	-35.10	-34.81	-34.80	-34.75	-31.06
		2494MHz to 2495MHz	-36.04	-36.26	-36.54	-35.79	-31.06

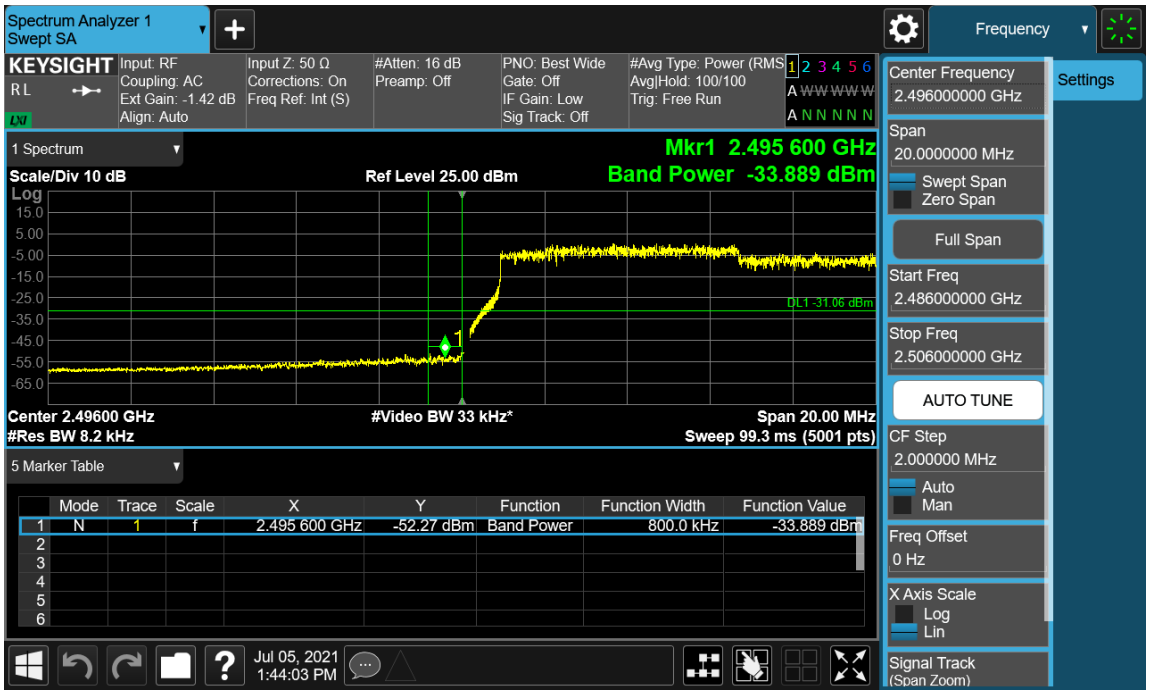
Low	32	2495MHz to 2496MHz	-35.43	-35.05	-35.46	-35.03	-31.06
		2494MHz to 2495MHz	-36.65	-35.92	-36.18	-35.21	-31.06
	33	2495MHz to 2496MHz	-35.42	-34.92	-35.47	-35.38	-31.06
		2494MHz to 2495MHz	-36.49	-36.23	-36.30	-36.06	-31.06
	34	2495MHz to 2496MHz	-34.70	-34.82	-35.00	-35.12	-31.06
		2494MHz to 2495MHz	-36.00	-36.23	-35.96	-35.96	-31.06
	35	2495MHz to 2496MHz	-34.80	-34.75	-35.10	-35.04	-31.06
		2494MHz to 2495MHz	-36.07	-35.80	-36.31	-35.84	-31.06
	36	2495MHz to 2496MHz	-35.02	-34.78	-35.45	-35.33	-31.06
		2494MHz to 2495MHz	-36.01	-35.74	-35.84	-35.53	-31.06
	37	2495MHz to 2496MHz	-35.12	-34.74	-35.22	-35.05	-31.06
		2494MHz to 2495MHz	-35.84	-35.74	-36.08	-35.92	-31.06
	38	2495MHz to 2496MHz	-35.51	-34.96	-35.40	-35.40	-31.06
		2494MHz to 2495MHz	-36.20	-35.68	-35.38	-35.69	-31.06
	39	2495MHz to 2496MHz	-35.25	-34.66	-35.01	-34.89	-31.06
		2494MHz to 2495MHz	-35.99	-35.77	-36.07	-36.14	-31.06
	40	2495MHz to 2496MHz	-35.26	-34.65	-35.25	-34.45	-31.06
		2494MHz to 2495MHz	-36.51	-36.41	-36.81	-36.51	-31.06
	41	2495MHz to 2496MHz	-35.03	-34.37	-34.77	-34.87	-31.06
		2494MHz to 2495MHz	-36.20	-36.44	-36.61	-36.32	-31.06
	42	2495MHz to 2496MHz	-35.20	-34.79	-35.39	-34.83	-31.06
		2494MHz to 2495MHz	-36.53	-36.37	-36.53	-35.93	-31.06
	43	2495MHz to 2496MHz	-34.39	-34.45	-34.72	-34.80	-31.06
		2494MHz to 2495MHz	-35.36	-35.31	-36.02	-35.78	-31.06
	44	2495MHz to 2496MHz	-34.73	-34.49	-34.63	-34.82	-31.06
		2494MHz to 2495MHz	-35.85	-35.95	-36.03	-36.05	-31.06
	45	2495MHz to 2496MHz	-35.30	-35.15	-35.35	-35.37	-31.06
		2494MHz to 2495MHz	-35.34	-34.84	-35.60	-35.27	-31.06
	46	2495MHz to 2496MHz	-35.14	-34.46	-35.11	-34.95	-31.06
		2494MHz to 2495MHz	-35.75	-35.64	-35.84	-35.87	-31.06
	47	2495MHz to 2496MHz	-34.14	-34.12	-34.27	-34.45	-31.06
		2494MHz to 2495MHz	-35.96	-35.49	-35.80	-35.78	-31.06
	48	2495MHz to 2496MHz	-34.79	-34.20	-34.65	-34.75	-31.06
		2494MHz to 2495MHz	-35.70	-36.05	-36.38	-35.17	-31.06
	49	2495MHz to 2496MHz	-35.12	-34.72	-35.02	-35.31	-31.06
		2494MHz to 2495MHz	-35.93	-36.08	-35.93	-36.09	-31.06
	50	2495MHz to 2496MHz	-35.33	-34.95	-34.97	-34.87	-31.06
		2494MHz to 2495MHz	-36.26	-36.25	-36.02	-36.28	-31.06
	51	2495MHz to 2496MHz	-35.28	-34.95	-35.07	-35.38	-31.06
		2494MHz to 2495MHz	-36.10	-35.61	-36.04	-35.54	-31.06
	52	2495MHz to 2496MHz	-35.30	-34.90	-34.96	-34.63	-31.06
		2494MHz to 2495MHz	-36.17	-36.14	-36.54	-36.05	-31.06
	53	2495MHz to 2496MHz	-35.49	-35.03	-35.00	-35.11	-31.06
		2494MHz to 2495MHz	-35.43	-35.59	-35.53	-35.49	-31.06
	54	2495MHz to 2496MHz	-34.63	-34.16	-34.47	-34.73	-31.06
		2494MHz to 2495MHz	-35.91	-35.54	-35.53	-35.33	-31.06
	55	2495MHz to 2496MHz	-34.75	-34.35	-34.65	-34.62	-31.06
		2494MHz to 2495MHz	-35.84	-35.87	-35.92	-35.61	-31.06
	56	2495MHz to 2496MHz	-34.65	-34.31	-34.65	-35.15	-31.06
		2494MHz to 2495MHz	-35.41	-35.42	-35.46	-35.56	-31.06
	57	2495MHz to 2496MHz	-34.94	-34.18	-34.84	-34.26	-31.06
		2494MHz to 2495MHz	-36.34	-36.19	-36.63	-36.10	-31.06
	58	2495MHz to 2496MHz	-34.87	-34.28	-34.76	-34.96	-31.06
		2494MHz to 2495MHz	-35.98	-35.62	-35.69	-35.09	-31.06
	59	2495MHz to 2496MHz	-35.42	-34.82	-35.42	-34.50	-31.06
		2494MHz to 2495MHz	-35.61	-35.24	-35.72	-35.72	-31.06
	60	2495MHz to 2496MHz	-35.30	-34.70	-35.21	-34.53	-31.06
		2494MHz to 2495MHz	-36.38	-35.94	-36.38	-36.67	-31.06
	61	2495MHz to 2496MHz	-35.32	-34.89	-35.33	-34.67	-31.06
		2494MHz to 2495MHz	-36.06	-35.93	-35.94	-35.83	-31.06
	62	2495MHz to 2496MHz	-35.11	-34.87	-34.96	-35.15	-31.06
		2494MHz to 2495MHz	-36.05	-35.72	-36.01	-35.44	-31.06
	63	2495MHz to 2496MHz	-35.11	-34.56	-34.95	-34.83	-31.06
		2494MHz to 2495MHz	-35.10	-35.18	-35.61	-35.49	-31.06

Table 7-23. Band Edge Emission Summary Data
(NR 1C_80M_Low channel)

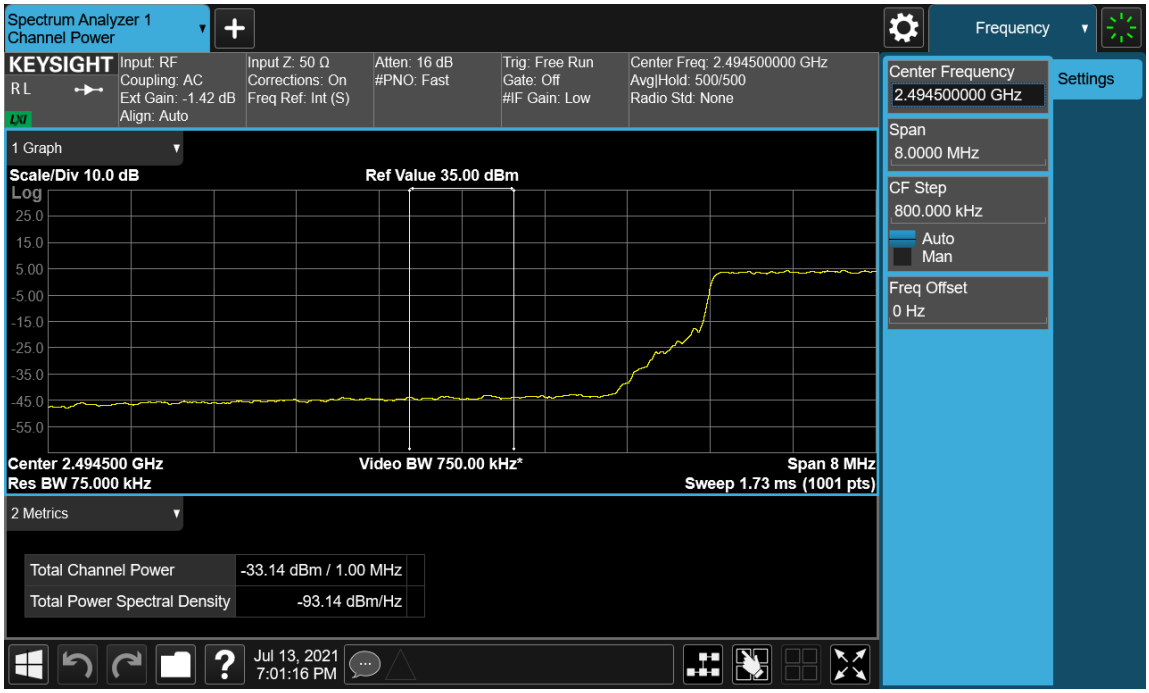
Channel	Port #	Measurement Range	Level(dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
High	0	2690MHz to 2691MHz	-34.10	-33.11	-33.64	-34.18	-31.06
		2691MHz to 2692MHz	-34.17	-34.57	-34.26	-34.52	-31.06
	1	2690MHz to 2691MHz	-33.87	-33.66	-33.81	-34.03	-31.06
		2691MHz to 2692MHz	-34.78	-34.56	-34.57	-34.21	-31.06
	2	2690MHz to 2691MHz	-33.92	-33.70	-33.83	-33.98	-31.06
		2691MHz to 2692MHz	-34.17	-33.79	-33.65	-33.74	-31.06
	3	2690MHz to 2691MHz	-33.65	-33.34	-33.73	-33.67	-31.06
		2691MHz to 2692MHz	-34.79	-34.85	-34.93	-34.59	-31.06
	4	2690MHz to 2691MHz	-33.71	-33.25	-33.41	-33.76	-31.06
		2691MHz to 2692MHz	-35.44	-34.93	-35.26	-34.90	-31.06
	5	2690MHz to 2691MHz	-33.91	-33.51	-33.88	-33.79	-31.06
		2691MHz to 2692MHz	-34.31	-34.47	-34.47	-34.24	-31.06
	6	2690MHz to 2691MHz	-33.80	-33.77	-33.99	-34.45	-31.06
		2691MHz to 2692MHz	-34.98	-34.50	-34.43	-33.72	-31.06
	7	2690MHz to 2691MHz	-33.88	-33.36	-33.92	-33.94	-31.06
		2691MHz to 2692MHz	-35.01	-34.72	-34.81	-34.57	-31.06
	8	2690MHz to 2691MHz	-33.64	-33.12	-33.72	-33.84	-31.06
		2691MHz to 2692MHz	-34.81	-34.14	-34.51	-34.52	-31.06
	9	2690MHz to 2691MHz	-34.40	-34.27	-34.52	-34.66	-31.06
		2691MHz to 2692MHz	-34.23	-33.82	-33.89	-34.04	-31.06
	10	2690MHz to 2691MHz	-34.01	-33.44	-33.91	-33.82	-31.06
		2691MHz to 2692MHz	-35.00	-34.90	-34.93	-34.23	-31.06
	11	2690MHz to 2691MHz	-34.41	-33.65	-34.24	-34.41	-31.06
		2691MHz to 2692MHz	-35.02	-34.76	-34.72	-34.67	-31.06
	12	2690MHz to 2691MHz	-34.16	-33.28	-34.07	-34.01	-31.06
		2691MHz to 2692MHz	-34.72	-34.11	-33.97	-34.50	-31.06
	13	2690MHz to 2691MHz	-33.77	-33.14	-33.85	-34.07	-31.06
		2691MHz to 2692MHz	-34.83	-34.62	-34.95	-35.10	-31.06
	14	2690MHz to 2691MHz	-33.34	-33.10	-33.58	-33.51	-31.06
		2691MHz to 2692MHz	-35.03	-34.47	-34.81	-34.78	-31.06
	15	2690MHz to 2691MHz	-34.11	-33.55	-34.09	-34.15	-31.06
		2691MHz to 2692MHz	-34.51	-35.12	-34.75	-34.02	-31.06
	16	2690MHz to 2691MHz	-33.48	-33.33	-33.39	-33.96	-31.06
		2691MHz to 2692MHz	-34.03	-34.03	-33.97	-33.50	-31.06
	17	2690MHz to 2691MHz	-33.78	-33.40	-33.52	-33.55	-31.06
		2691MHz to 2692MHz	-34.35	-33.98	-34.42	-34.22	-31.06
	18	2690MHz to 2691MHz	-33.81	-33.26	-33.69	-34.27	-31.06
		2691MHz to 2692MHz	-34.74	-34.37	-34.46	-34.29	-31.06
	19	2690MHz to 2691MHz	-33.76	-33.26	-34.00	-34.20	-31.06
		2691MHz to 2692MHz	-34.58	-34.86	-34.57	-34.98	-31.06
	20	2690MHz to 2691MHz	-33.69	-33.24	-33.58	-33.52	-31.06
		2691MHz to 2692MHz	-34.55	-33.81	-34.14	-33.91	-31.06
	21	2690MHz to 2691MHz	-34.12	-33.80	-34.05	-34.12	-31.06
		2691MHz to 2692MHz	-35.08	-35.19	-35.08	-35.18	-31.06
	22	2690MHz to 2691MHz	-33.63	-33.31	-33.62	-33.77	-31.06
		2691MHz to 2692MHz	-34.94	-34.81	-34.80	-34.50	-31.06
	23	2690MHz to 2691MHz	-34.17	-33.70	-33.98	-34.35	-31.06
		2691MHz to 2692MHz	-34.32	-33.62	-33.93	-34.18	-31.06
	24	2690MHz to 2691MHz	-33.77	-33.51	-33.95	-33.89	-31.06
		2691MHz to 2692MHz	-34.65	-34.51	-34.40	-34.68	-31.06
	25	2690MHz to 2691MHz	-33.70	-33.54	-33.53	-33.91	-31.06
		2691MHz to 2692MHz	-34.82	-34.76	-34.72	-34.91	-31.06
	26	2690MHz to 2691MHz	-33.91	-33.50	-34.03	-34.13	-31.06
		2691MHz to 2692MHz	-34.86	-34.75	-34.47	-34.58	-31.06
	27	2690MHz to 2691MHz	-33.93	-33.59	-33.96	-34.38	-31.06
		2691MHz to 2692MHz	-34.42	-34.40	-34.43	-34.42	-31.06
	28	2690MHz to 2691MHz	-33.83	-33.25	-33.94	-34.13	-31.06
		2691MHz to 2692MHz	-34.78	-34.14	-34.42	-34.58	-31.06
	29	2690MHz to 2691MHz	-34.04	-33.42	-33.80	-33.89	-31.06
		2691MHz to 2692MHz	-35.00	-34.81	-34.59	-34.68	-31.06
	30	2690MHz to 2691MHz	-33.88	-33.56	-33.57	-33.57	-31.06
		2691MHz to 2692MHz	-34.44	-34.69	-34.54	-34.75	-31.06
	31	2690MHz to 2691MHz	-33.47	-33.30	-33.68	-33.97	-31.06
		2691MHz to 2692MHz	-34.84	-34.58	-34.96	-34.88	-31.06

High	32	2690MHz to 2691MHz	-33.84	-33.19	-33.48	-33.81	-31.06
		2691MHz to 2692MHz	-34.82	-34.55	-34.39	-34.87	-31.06
	33	2690MHz to 2691MHz	-33.01	-32.99	-33.14	-33.73	-31.06
		2691MHz to 2692MHz	-34.53	-34.55	-34.72	-34.59	-31.06
	34	2690MHz to 2691MHz	-33.67	-32.90	-33.55	-33.72	-31.06
		2691MHz to 2692MHz	-33.93	-34.01	-33.90	-33.87	-31.06
	35	2690MHz to 2691MHz	-33.67	-33.35	-33.67	-34.14	-31.06
		2691MHz to 2692MHz	-34.58	-34.47	-34.83	-34.73	-31.06
	36	2690MHz to 2691MHz	-33.09	-32.14	-32.80	-33.31	-31.06
		2691MHz to 2692MHz	-34.06	-33.77	-33.69	-34.16	-31.06
	37	2690MHz to 2691MHz	-34.14	-33.64	-33.89	-34.25	-31.06
		2691MHz to 2692MHz	-34.23	-33.82	-34.03	-34.21	-31.06
	38	2690MHz to 2691MHz	-33.60	-33.54	-33.82	-34.06	-31.06
		2691MHz to 2692MHz	-34.48	-34.41	-34.41	-34.66	-31.06
	39	2690MHz to 2691MHz	-33.54	-33.09	-33.70	-33.48	-31.06
		2691MHz to 2692MHz	-33.85	-33.85	-33.63	-34.05	-31.06
	40	2690MHz to 2691MHz	-33.72	-33.12	-33.41	-33.75	-31.06
		2691MHz to 2692MHz	-34.88	-34.73	-34.67	-33.86	-31.06
	41	2690MHz to 2691MHz	-33.56	-33.25	-33.72	-33.68	-31.06
		2691MHz to 2692MHz	-34.80	-34.64	-34.54	-34.52	-31.06
	42	2690MHz to 2691MHz	-33.44	-33.50	-33.71	-34.24	-31.06
		2691MHz to 2692MHz	-34.75	-35.03	-34.51	-34.67	-31.06
	43	2690MHz to 2691MHz	-33.92	-33.59	-33.74	-34.18	-31.06
		2691MHz to 2692MHz	-34.29	-34.03	-34.12	-34.25	-31.06
	44	2690MHz to 2691MHz	-33.84	-33.39	-33.74	-34.16	-31.06
		2691MHz to 2692MHz	-33.99	-33.98	-34.05	-33.98	-31.06
	45	2690MHz to 2691MHz	-33.47	-33.34	-33.74	-33.94	-31.06
		2691MHz to 2692MHz	-34.90	-34.47	-34.64	-34.50	-31.06
	46	2690MHz to 2691MHz	-33.78	-33.32	-33.58	-33.93	-31.06
		2691MHz to 2692MHz	-34.49	-34.24	-34.32	-34.21	-31.06
	47	2690MHz to 2691MHz	-33.29	-32.75	-33.23	-33.53	-31.06
		2691MHz to 2692MHz	-34.20	-33.83	-33.78	-34.01	-31.06
	48	2690MHz to 2691MHz	-33.65	-32.85	-33.10	-33.75	-31.06
		2691MHz to 2692MHz	-34.30	-34.54	-34.28	-33.87	-31.06
	49	2690MHz to 2691MHz	-33.21	-32.85	-33.12	-33.63	-31.06
		2691MHz to 2692MHz	-34.66	-34.49	-34.72	-34.83	-31.06
	50	2690MHz to 2691MHz	-34.20	-33.36	-34.12	-34.13	-31.06
		2691MHz to 2692MHz	-34.69	-34.59	-34.33	-34.17	-31.06
	51	2690MHz to 2691MHz	-33.48	-33.13	-33.47	-33.84	-31.06
		2691MHz to 2692MHz	-34.75	-34.80	-34.58	-35.14	-31.06
	52	2690MHz to 2691MHz	-34.03	-33.48	-33.83	-33.92	-31.06
		2691MHz to 2692MHz	-34.46	-34.44	-34.39	-34.66	-31.06
	53	2690MHz to 2691MHz	-34.35	-33.79	-33.95	-34.13	-31.06
		2691MHz to 2692MHz	-34.80	-34.85	-34.41	-34.91	-31.06
	54	2690MHz to 2691MHz	-33.40	-33.16	-33.43	-33.56	-31.06
		2691MHz to 2692MHz	-34.44	-34.42	-34.39	-34.77	-31.06
	55	2690MHz to 2691MHz	-33.30	-32.90	-33.42	-33.57	-31.06
		2691MHz to 2692MHz	-34.69	-34.64	-34.58	-34.93	-31.06
	56	2690MHz to 2691MHz	-33.46	-33.09	-33.62	-33.71	-31.06
		2691MHz to 2692MHz	-34.44	-34.27	-34.28	-34.43	-31.06
	57	2690MHz to 2691MHz	-33.74	-33.52	-33.79	-33.99	-31.06
		2691MHz to 2692MHz	-35.03	-34.94	-34.81	-34.70	-31.06
	58	2690MHz to 2691MHz	-33.38	-33.45	-33.56	-33.78	-31.06
		2691MHz to 2692MHz	-34.56	-34.18	-34.41	-34.22	-31.06
	59	2690MHz to 2691MHz	-33.38	-33.34	-33.58	-33.67	-31.06
		2691MHz to 2692MHz	-34.45	-34.29	-34.47	-34.68	-31.06
	60	2690MHz to 2691MHz	-33.81	-33.66	-33.76	-33.95	-31.06
		2691MHz to 2692MHz	-34.42	-34.30	-34.43	-34.57	-31.06
	61	2690MHz to 2691MHz	-33.71	-33.40	-33.44	-33.45	-31.06
		2691MHz to 2692MHz	-34.45	-34.27	-34.26	-34.61	-31.06
	62	2690MHz to 2691MHz	-34.31	-33.20	-33.73	-33.96	-31.06
		2691MHz to 2692MHz	-34.67	-34.16	-34.38	-34.75	-31.06
	63	2690MHz to 2691MHz	-33.13	-32.79	-32.95	-33.09	-31.06
		2691MHz to 2692MHz	-34.48	-34.18	-34.58	-34.59	-31.06

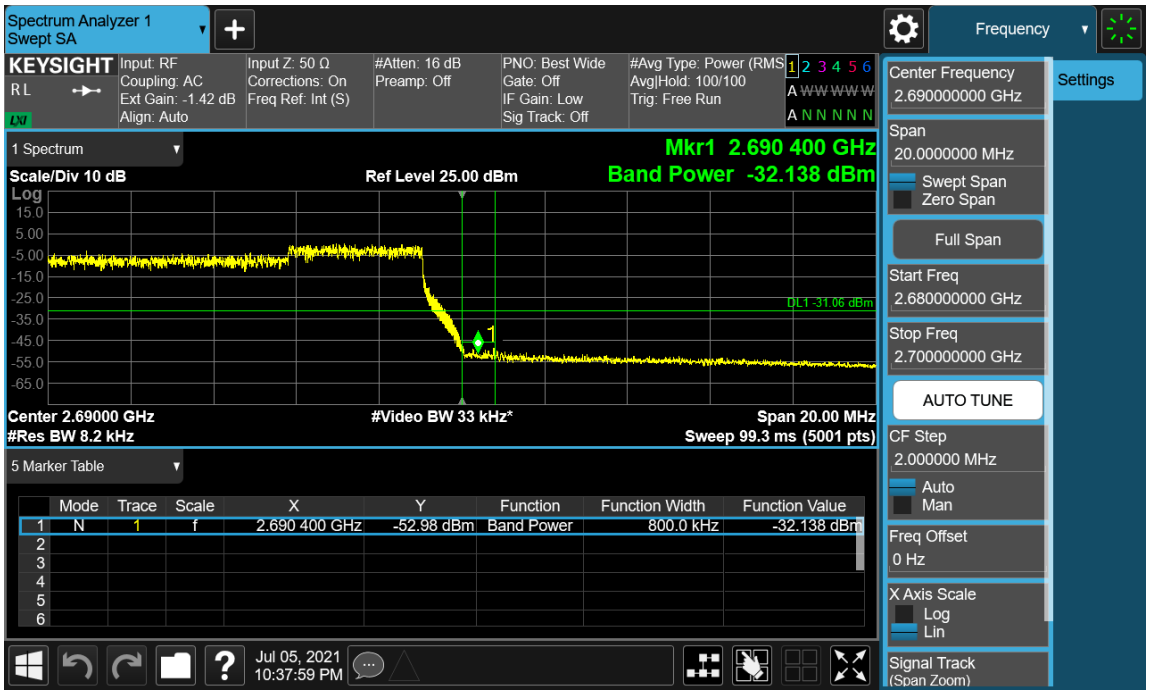
Table 7-24. Band Edge Emission Summary Data
(NR 1C_80M_High channel)



Plot 7-81. Band Edge Emission (2495MHz to 2496MHz) Plot
(NR 1C_80M - Low Channel_16QAM_Port 6)



Plot 7-82. Band Edge Emission (2494MHz to 2495MHz) Plot
(NR 1C_80M - Low Channel_QPSK_Port 5)



Plot 7-83. Band Edge Emission (2690MHz to 2691MHz) Plot
(NR 1C_80M - High Channel_16QAM_Port 36)

Plot 7-84. Band Edge Emission (2691MHz to 2692MHz) Plot
(NR 1C_80M – High Channel_256QAM_Port 16)

- NR 1C_100M Configuraiton

Channel	Port #	Measurement Range	Level(dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
Low	0	2495MHz to 2496MHz	-34.67	-34.38	-33.85	-34.30	-31.06
		2494MHz to 2495MHz	-33.88	-35.88	-36.43	-35.23	-31.06
	1	2495MHz to 2496MHz	-34.85	-34.61	-34.65	-34.56	-31.06
		2494MHz to 2495MHz	-32.58	-36.14	-36.51	-36.47	-31.06
	2	2495MHz to 2496MHz	-34.96	-34.70	-34.74	-34.62	-31.06
		2494MHz to 2495MHz	-35.28	-36.31	-34.91	-35.83	-31.06
	3	2495MHz to 2496MHz	-34.54	-34.26	-34.39	-34.32	-31.06
		2494MHz to 2495MHz	-36.46	-36.56	-36.56	-36.86	-31.06
	4	2495MHz to 2496MHz	-34.17	-33.87	-33.89	-34.07	-31.06
		2494MHz to 2495MHz	-35.30	-36.58	-36.46	-36.05	-31.06
	5	2495MHz to 2496MHz	-34.61	-34.37	-34.50	-34.17	-31.06
		2494MHz to 2495MHz	-35.49	-36.09	-34.86	-34.90	-31.06
	6	2495MHz to 2496MHz	-34.74	-34.16	-33.38	-34.35	-31.06
		2494MHz to 2495MHz	-36.21	-36.64	-36.51	-36.71	-31.06
	7	2495MHz to 2496MHz	-34.61	-34.57	-34.23	-34.37	-31.06
		2494MHz to 2495MHz	-36.46	-36.30	-36.39	-35.47	-31.06
	8	2495MHz to 2496MHz	-34.37	-33.99	-34.30	-34.44	-31.06
		2494MHz to 2495MHz	-36.66	-36.64	-35.91	-36.07	-31.06
	9	2495MHz to 2496MHz	-34.29	-34.08	-34.38	-34.08	-31.06
		2494MHz to 2495MHz	-36.46	-36.32	-35.99	-36.01	-31.06
	10	2495MHz to 2496MHz	-34.19	-33.90	-33.26	-33.98	-31.06
		2494MHz to 2495MHz	-35.99	-36.28	-36.55	-36.04	-31.06
	11	2495MHz to 2496MHz	-34.91	-34.33	-34.63	-34.45	-31.06
		2494MHz to 2495MHz	-36.63	-36.04	-36.68	-36.59	-31.06
	12	2495MHz to 2496MHz	-34.65	-34.29	-34.47	-34.89	-31.06
		2494MHz to 2495MHz	-36.12	-36.57	-36.28	-35.60	-31.06
	13	2495MHz to 2496MHz	-34.88	-34.30	-34.70	-34.29	-31.06
		2494MHz to 2495MHz	-36.28	-36.09	-35.94	-36.21	-31.06
	14	2495MHz to 2496MHz	-34.41	-34.46	-33.65	-34.50	-31.06
		2494MHz to 2495MHz	-36.28	-36.51	-36.76	-35.70	-31.06
	15	2495MHz to 2496MHz	-34.66	-34.11	-34.03	-34.20	-31.06
		2494MHz to 2495MHz	-36.97	-36.69	-36.58	-36.49	-31.06
	16	2495MHz to 2496MHz	-34.51	-34.25	-34.18	-34.02	-31.06
		2494MHz to 2495MHz	-36.32	-36.40	-36.33	-36.06	-31.06
	17	2495MHz to 2496MHz	-34.98	-34.33	-34.60	-34.65	-31.06
		2494MHz to 2495MHz	-36.57	-36.16	-36.37	-36.93	-31.06
	18	2495MHz to 2496MHz	-34.66	-34.30	-34.40	-34.68	-31.06
		2494MHz to 2495MHz	-36.19	-35.72	-36.16	-35.86	-31.06
	19	2495MHz to 2496MHz	-34.97	-34.53	-34.64	-35.13	-31.06
		2494MHz to 2495MHz	-36.17	-36.56	-36.60	-36.19	-31.06
	20	2495MHz to 2496MHz	-34.96	-33.96	-34.35	-34.34	-31.06
		2494MHz to 2495MHz	-36.29	-36.33	-36.09	-36.35	-31.06
	21	2495MHz to 2496MHz	-34.90	-34.79	-34.59	-34.75	-31.06
		2494MHz to 2495MHz	-36.90	-36.69	-36.82	-36.91	-31.06
	22	2495MHz to 2496MHz	-34.77	-34.00	-34.57	-34.45	-31.06
		2494MHz to 2495MHz	-36.17	-36.29	-36.26	-35.90	-31.06
	23	2495MHz to 2496MHz	-34.63	-34.20	-34.74	-34.49	-31.06
		2494MHz to 2495MHz	-35.93	-35.84	-36.07	-35.44	-31.06
	24	2495MHz to 2496MHz	-34.48	-34.23	-34.41	-34.45	-31.06
		2494MHz to 2495MHz	-36.19	-36.88	-36.42	-36.16	-31.06
	25	2495MHz to 2496MHz	-34.62	-34.19	-34.37	-34.18	-31.06
		2494MHz to 2495MHz	-36.41	-36.61	-36.85	-36.04	-31.06
	26	2495MHz to 2496MHz	-34.83	-34.33	-34.63	-34.69	-31.06
		2494MHz to 2495MHz	-36.34	-36.73	-36.34	-36.08	-31.06
	27	2495MHz to 2496MHz	-34.58	-34.14	-34.53	-34.45	-31.06
		2494MHz to 2495MHz	-36.08	-36.23	-36.43	-36.07	-31.06
	28	2495MHz to 2496MHz	-34.84	-34.86	-34.89	-34.82	-31.06
		2494MHz to 2495MHz	-36.62	-36.34	-36.59	-36.09	-31.06
	29	2495MHz to 2496MHz	-34.61	-34.64	-34.90	-34.40	-31.06
		2494MHz to 2495MHz	-36.86	-36.89	-36.93	-36.64	-31.06
	30	2495MHz to 2496MHz	-35.02	-34.45	-34.58	-34.70	-31.06
		2494MHz to 2495MHz	-36.38	-36.51	-36.62	-36.37	-31.06
	31	2495MHz to 2496MHz	-34.47	-34.02	-34.39	-34.01	-31.06
		2494MHz to 2495MHz	-36.52	-36.96	-36.81	-36.15	-31.06

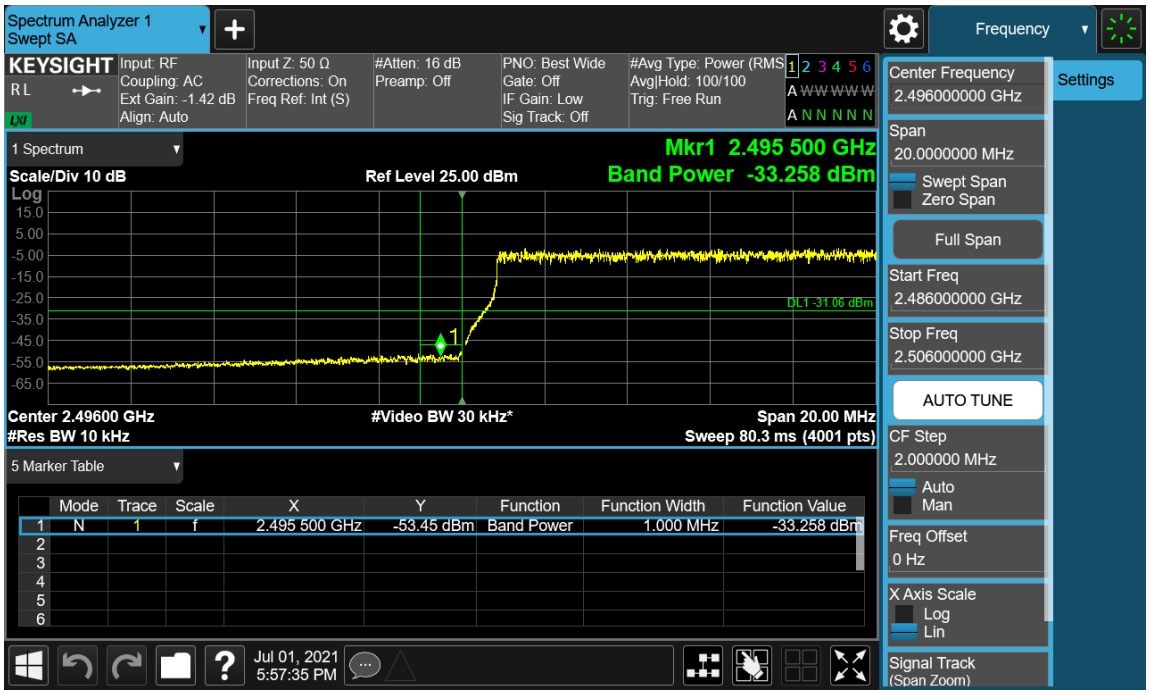
Low	32	2495MHz to 2496MHz	-34.58	-34.31	-34.40	-34.75	-31.06
		2494MHz to 2495MHz	-36.47	-36.43	-36.56	-35.98	-31.06
	33	2495MHz to 2496MHz	-34.52	-34.53	-34.50	-34.65	-31.06
		2494MHz to 2495MHz	-36.62	-36.79	-36.63	-36.22	-31.06
	34	2495MHz to 2496MHz	-34.64	-34.44	-34.43	-34.35	-31.06
		2494MHz to 2495MHz	-36.20	-35.88	-36.54	-35.39	-31.06
	35	2495MHz to 2496MHz	-34.57	-34.09	-33.99	-34.40	-31.06
		2494MHz to 2495MHz	-35.78	-36.48	-36.50	-36.32	-31.06
	36	2495MHz to 2496MHz	-34.32	-34.09	-34.20	-34.18	-31.06
		2494MHz to 2495MHz	-36.28	-36.40	-36.23	-35.71	-31.06
	37	2495MHz to 2496MHz	-34.70	-34.38	-34.41	-34.86	-31.06
		2494MHz to 2495MHz	-36.47	-36.16	-36.40	-36.20	-31.06
	38	2495MHz to 2496MHz	-34.36	-34.21	-34.41	-34.71	-31.06
		2494MHz to 2495MHz	-36.01	-36.26	-36.51	-35.92	-31.06
	39	2495MHz to 2496MHz	-34.08	-34.05	-34.11	-34.13	-31.06
		2494MHz to 2495MHz	-36.09	-36.19	-36.09	-36.04	-31.06
	40	2495MHz to 2496MHz	-34.76	-34.25	-34.64	-34.56	-31.06
		2494MHz to 2495MHz	-36.63	-36.78	-36.83	-36.22	-31.06
	41	2495MHz to 2496MHz	-34.29	-34.01	-34.30	-34.17	-31.06
		2494MHz to 2495MHz	-36.54	-36.61	-36.83	-36.75	-31.06
	42	2495MHz to 2496MHz	-34.90	-34.02	-34.58	-34.23	-31.06
		2494MHz to 2495MHz	-36.40	-36.45	-36.88	-36.27	-31.06
	43	2495MHz to 2496MHz	-33.91	-33.72	-33.95	-33.85	-31.06
		2494MHz to 2495MHz	-36.10	-36.46	-36.41	-36.21	-31.06
	44	2495MHz to 2496MHz	-34.39	-33.98	-34.10	-34.07	-31.06
		2494MHz to 2495MHz	-36.42	-36.39	-36.50	-36.07	-31.06
	45	2495MHz to 2496MHz	-34.93	-34.47	-34.57	-34.56	-31.06
		2494MHz to 2495MHz	-35.83	-35.89	-35.74	-35.86	-31.06
	46	2495MHz to 2496MHz	-34.26	-34.09	-34.01	-34.05	-31.06
		2494MHz to 2495MHz	-36.25	-36.04	-36.03	-35.81	-31.06
	47	2495MHz to 2496MHz	-33.99	-33.84	-34.09	-33.99	-31.06
		2494MHz to 2495MHz	-36.19	-35.85	-36.05	-36.12	-31.06
	48	2495MHz to 2496MHz	-34.65	-34.00	-34.28	-33.98	-31.06
		2494MHz to 2495MHz	-36.35	-36.19	-36.33	-35.60	-31.06
	49	2495MHz to 2496MHz	-34.75	-34.09	-34.20	-34.37	-31.06
		2494MHz to 2495MHz	-36.40	-36.41	-36.45	-36.23	-31.06
	50	2495MHz to 2496MHz	-34.45	-33.90	-34.38	-34.23	-31.06
		2494MHz to 2495MHz	-36.34	-36.78	-36.80	-36.09	-31.06
	51	2495MHz to 2496MHz	-34.50	-33.88	-34.42	-34.30	-31.06
		2494MHz to 2495MHz	-36.10	-36.04	-36.61	-36.23	-31.06
	52	2495MHz to 2496MHz	-34.71	-34.20	-34.47	-34.50	-31.06
		2494MHz to 2495MHz	-36.72	-36.54	-36.58	-36.79	-31.06
	53	2495MHz to 2496MHz	-34.90	-34.35	-34.63	-34.44	-31.06
		2494MHz to 2495MHz	-35.86	-36.07	-35.25	-35.77	-31.06
	54	2495MHz to 2496MHz	-34.04	-33.71	-33.89	-33.98	-31.06
		2494MHz to 2495MHz	-35.59	-35.77	-36.16	-35.96	-31.06
	55	2495MHz to 2496MHz	-34.47	-34.12	-34.34	-34.28	-31.06
		2494MHz to 2495MHz	-36.30	-36.42	-35.96	-35.76	-31.06
	56	2495MHz to 2496MHz	-33.97	-33.73	-33.68	-33.63	-31.06
		2494MHz to 2495MHz	-35.44	-35.58	-35.87	-35.53	-31.06
	57	2495MHz to 2496MHz	-34.08	-33.84	-33.47	-34.19	-31.06
		2494MHz to 2495MHz	-36.52	-36.63	-36.98	-36.18	-31.06
	58	2495MHz to 2496MHz	-34.52	-33.84	-34.20	-34.03	-31.06
		2494MHz to 2495MHz	-36.45	-36.21	-35.84	-36.04	-31.06
	59	2495MHz to 2496MHz	-34.21	-34.38	-34.37	-34.31	-31.06
		2494MHz to 2495MHz	-36.01	-36.02	-36.12	-35.93	-31.06
	60	2495MHz to 2496MHz	-34.85	-34.49	-34.27	-34.55	-31.06
		2494MHz to 2495MHz	-36.64	-36.58	-36.33	-36.37	-31.06
	61	2495MHz to 2496MHz	-34.35	-34.25	-34.26	-34.30	-31.06
		2494MHz to 2495MHz	-35.86	-36.39	-36.15	-35.91	-31.06
	62	2495MHz to 2496MHz	-34.48	-34.37	-34.16	-34.49	-31.06
		2494MHz to 2495MHz	-36.15	-36.07	-36.32	-35.50	-31.06
	63	2495MHz to 2496MHz	-34.40	-34.07	-34.07	-34.33	-31.06
		2494MHz to 2495MHz	-35.91	-36.14	-36.05	-36.30	-31.06

Table 7-25. Band Edge Emission Summary Data
(NR 1C_100M_Low Channel)

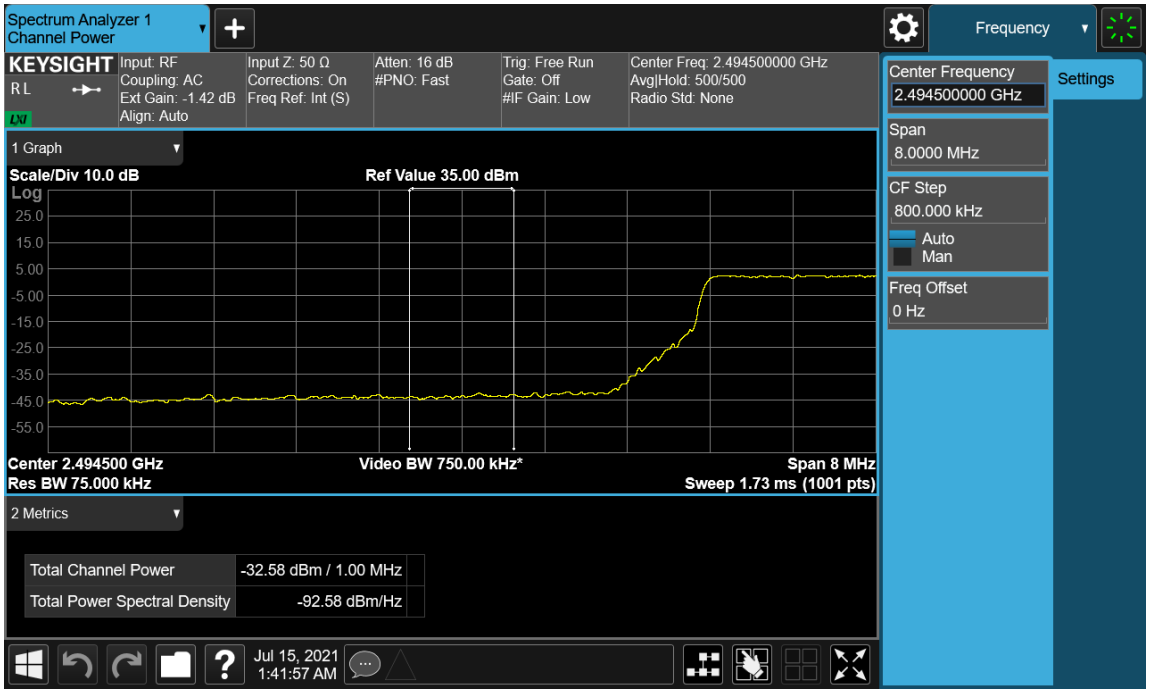
Channel	Port #	Measurement Range	Level(dBm)				Limit (dBm)
			QPSK	16QAM	64QAM	256QAM	
High	0	2690MHz to 2691MHz	-32.97	-33.80	-33.18	-32.34	-31.06
		2691MHz to 2692MHz	-34.87	-35.83	-34.97	-35.42	-31.06
	1	2690MHz to 2691MHz	-33.33	-33.91	-33.54	-33.96	-31.06
		2691MHz to 2692MHz	-34.85	-35.87	-35.17	-35.51	-31.06
	2	2690MHz to 2691MHz	-33.08	-34.24	-33.31	-33.79	-31.06
		2691MHz to 2692MHz	-35.18	-35.99	-35.25	-34.79	-31.06
	3	2690MHz to 2691MHz	-33.44	-33.98	-33.47	-33.50	-31.06
		2691MHz to 2692MHz	-35.80	-36.19	-35.79	-35.87	-31.06
	4	2690MHz to 2691MHz	-33.12	-33.95	-33.21	-33.51	-31.06
		2691MHz to 2692MHz	-35.27	-36.29	-35.61	-35.92	-31.06
	5	2690MHz to 2691MHz	-33.12	-34.22	-33.36	-33.40	-31.06
		2691MHz to 2692MHz	-34.99	-35.43	-34.52	-35.09	-31.06
	6	2690MHz to 2691MHz	-33.46	-34.17	-33.41	-33.72	-31.06
		2691MHz to 2692MHz	-35.45	-36.02	-35.45	-35.42	-31.06
	7	2690MHz to 2691MHz	-33.57	-34.19	-33.75	-33.67	-31.06
		2691MHz to 2692MHz	-35.29	-35.97	-35.57	-34.95	-31.06
	8	2690MHz to 2691MHz	-33.27	-33.82	-33.48	-33.57	-31.06
		2691MHz to 2692MHz	-34.75	-35.82	-35.55	-35.45	-31.06
	9	2690MHz to 2691MHz	-33.76	-34.49	-33.97	-33.95	-31.06
		2691MHz to 2692MHz	-35.02	-35.75	-35.18	-35.02	-31.06
	10	2690MHz to 2691MHz	-33.23	-33.93	-33.15	-33.46	-31.06
		2691MHz to 2692MHz	-35.18	-36.16	-35.60	-35.29	-31.06
	11	2690MHz to 2691MHz	-33.74	-34.38	-33.77	-34.09	-31.06
		2691MHz to 2692MHz	-35.28	-36.27	-35.80	-35.80	-31.06
	12	2690MHz to 2691MHz	-33.44	-34.02	-33.67	-33.76	-31.06
		2691MHz to 2692MHz	-35.10	-35.56	-35.30	-35.38	-31.06
	13	2690MHz to 2691MHz	-33.47	-34.09	-33.56	-33.59	-31.06
		2691MHz to 2692MHz	-35.25	-36.17	-35.47	-35.52	-31.06
	14	2690MHz to 2691MHz	-33.44	-33.90	-33.40	-33.72	-31.06
		2691MHz to 2692MHz	-35.64	-36.04	-35.70	-35.84	-31.06
	15	2690MHz to 2691MHz	-33.66	-34.16	-33.55	-33.92	-31.06
		2691MHz to 2692MHz	-35.38	-36.09	-35.60	-35.56	-31.06
	16	2690MHz to 2691MHz	-33.41	-34.13	-33.21	-33.61	-31.06
		2691MHz to 2692MHz	-34.92	-35.72	-34.98	-35.22	-31.06
	17	2690MHz to 2691MHz	-33.22	-33.90	-33.13	-33.68	-31.06
		2691MHz to 2692MHz	-35.21	-35.79	-35.17	-35.44	-31.06
	18	2690MHz to 2691MHz	-33.33	-33.88	-33.43	-33.73	-31.06
		2691MHz to 2692MHz	-35.37	-36.03	-35.49	-35.75	-31.06
	19	2690MHz to 2691MHz	-33.47	-34.02	-33.37	-33.56	-31.06
		2691MHz to 2692MHz	-35.41	-35.83	-35.50	-35.48	-31.06
	20	2690MHz to 2691MHz	-33.23	-34.16	-33.35	-33.50	-31.06
		2691MHz to 2692MHz	-34.96	-35.57	-35.23	-35.39	-31.06
	21	2690MHz to 2691MHz	-33.78	-34.30	-33.74	-33.87	-31.06
		2691MHz to 2692MHz	-35.96	-36.45	-35.70	-35.83	-31.06
	22	2690MHz to 2691MHz	-33.22	-34.00	-33.22	-33.71	-31.06
		2691MHz to 2692MHz	-35.14	-35.98	-35.57	-35.42	-31.06
	23	2690MHz to 2691MHz	-33.53	-34.50	-33.84	-34.04	-31.06
		2691MHz to 2692MHz	-34.60	-35.27	-34.92	-35.31	-31.06
	24	2690MHz to 2691MHz	-33.54	-34.42	-33.74	-34.02	-31.06
		2691MHz to 2692MHz	-35.49	-35.72	-35.49	-34.95	-31.06
	25	2690MHz to 2691MHz	-33.64	-34.52	-33.56	-34.11	-31.06
		2691MHz to 2692MHz	-35.30	-35.90	-35.35	-35.41	-31.06
	26	2690MHz to 2691MHz	-33.37	-34.14	-33.51	-33.80	-31.06
		2691MHz to 2692MHz	-35.55	-35.83	-35.51	-35.52	-31.06
	27	2690MHz to 2691MHz	-33.57	-34.21	-33.75	-33.99	-31.06
		2691MHz to 2692MHz	-35.03	-35.86	-35.45	-35.34	-31.06
	28	2690MHz to 2691MHz	-33.41	-34.25	-33.59	-33.91	-31.06
		2691MHz to 2692MHz	-35.23	-35.66	-35.41	-35.32	-31.06
	29	2690MHz to 2691MHz	-33.26	-34.23	-33.52	-33.69	-31.06
		2691MHz to 2692MHz	-35.52	-35.99	-35.61	-35.53	-31.06
	30	2690MHz to 2691MHz	-33.43	-34.36	-33.50	-33.87	-31.06
		2691MHz to 2692MHz	-35.35	-36.17	-35.71	-35.60	-31.06
	31	2690MHz to 2691MHz	-33.32	-34.01	-33.35	-33.74	-31.06
		2691MHz to 2692MHz	-35.36	-36.01	-35.58	-35.70	-31.06

High	32	2690MHz to 2691MHz	-33.11	-33.95	-33.31	-33.55	-31.06
		2691MHz to 2692MHz	-35.26	-35.39	-35.47	-35.56	-31.06
	33	2690MHz to 2691MHz	-32.99	-33.69	-33.23	-33.50	-31.06
		2691MHz to 2692MHz	-35.46	-36.07	-35.61	-35.34	-31.06
	34	2690MHz to 2691MHz	-33.11	-34.12	-33.60	-33.58	-31.06
		2691MHz to 2692MHz	-34.85	-35.29	-34.88	-35.04	-31.06
	35	2690MHz to 2691MHz	-33.35	-34.22	-33.38	-34.01	-31.06
		2691MHz to 2692MHz	-35.44	-35.95	-35.65	-35.76	-31.06
	36	2690MHz to 2691MHz	-32.68	-33.49	-32.95	-33.00	-31.06
		2691MHz to 2692MHz	-34.84	-35.56	-34.76	-34.96	-31.06
	37	2690MHz to 2691MHz	-33.53	-34.22	-33.66	-33.83	-31.06
		2691MHz to 2692MHz	-34.46	-34.85	-34.85	-34.84	-31.06
	38	2690MHz to 2691MHz	-33.48	-34.45	-33.30	-33.92	-31.06
		2691MHz to 2692MHz	-35.25	-36.00	-35.17	-35.51	-31.06
	39	2690MHz to 2691MHz	-33.01	-33.91	-33.29	-33.55	-31.06
		2691MHz to 2692MHz	-34.49	-35.37	-34.90	-34.98	-31.06
	40	2690MHz to 2691MHz	-33.15	-33.82	-33.25	-33.62	-31.06
		2691MHz to 2692MHz	-35.20	-35.93	-35.24	-35.66	-31.06
	41	2690MHz to 2691MHz	-33.28	-33.99	-33.61	-33.81	-31.06
		2691MHz to 2692MHz	-35.33	-35.68	-35.33	-35.38	-31.06
	42	2690MHz to 2691MHz	-33.73	-34.34	-33.64	-33.55	-31.06
		2691MHz to 2692MHz	-35.43	-36.13	-35.59	-35.54	-31.06
	43	2690MHz to 2691MHz	-33.51	-34.05	-33.13	-33.64	-31.06
		2691MHz to 2692MHz	-35.04	-35.61	-35.20	-35.36	-31.06
	44	2690MHz to 2691MHz	-33.59	-34.34	-33.41	-33.88	-31.06
		2691MHz to 2692MHz	-35.00	-35.57	-35.13	-35.13	-31.06
	45	2690MHz to 2691MHz	-33.45	-34.22	-33.22	-33.79	-31.06
		2691MHz to 2692MHz	-34.97	-35.35	-35.25	-35.46	-31.06
	46	2690MHz to 2691MHz	-33.50	-34.15	-33.59	-33.89	-31.06
		2691MHz to 2692MHz	-35.08	-35.64	-35.19	-35.45	-31.06
	47	2690MHz to 2691MHz	-32.78	-33.61	-32.96	-33.17	-31.06
		2691MHz to 2692MHz	-34.83	-35.42	-34.83	-35.14	-31.06
	48	2690MHz to 2691MHz	-33.19	-33.64	-33.41	-33.46	-31.06
		2691MHz to 2692MHz	-35.25	-35.95	-35.12	-35.24	-31.06
	49	2690MHz to 2691MHz	-32.98	-33.80	-33.42	-33.57	-31.06
		2691MHz to 2692MHz	-35.34	-36.11	-35.59	-35.74	-31.06
	50	2690MHz to 2691MHz	-33.65	-34.38	-33.52	-33.94	-31.06
		2691MHz to 2692MHz	-35.39	-35.83	-35.69	-35.38	-31.06
	51	2690MHz to 2691MHz	-33.11	-33.95	-33.49	-33.37	-31.06
		2691MHz to 2692MHz	-35.43	-35.84	-35.69	-35.63	-31.06
	52	2690MHz to 2691MHz	-33.60	-34.19	-33.56	-33.82	-31.06
		2691MHz to 2692MHz	-35.45	-35.98	-35.22	-35.72	-31.06
	53	2690MHz to 2691MHz	-33.55	-34.18	-33.41	-33.77	-31.06
		2691MHz to 2692MHz	-35.30	-35.97	-35.44	-35.45	-31.06
	54	2690MHz to 2691MHz	-32.89	-33.81	-33.36	-33.61	-31.06
		2691MHz to 2692MHz	-35.28	-35.58	-35.59	-35.20	-31.06
	55	2690MHz to 2691MHz	-33.25	-33.91	-33.34	-33.49	-31.06
		2691MHz to 2692MHz	-35.31	-36.14	-35.41	-35.58	-31.06
	56	2690MHz to 2691MHz	-32.72	-33.68	-33.19	-33.41	-31.06
		2691MHz to 2692MHz	-34.93	-35.63	-35.01	-35.23	-31.06
	57	2690MHz to 2691MHz	-33.33	-34.09	-33.54	-33.87	-31.06
		2691MHz to 2692MHz	-35.54	-36.11	-35.57	-35.65	-31.06
	58	2690MHz to 2691MHz	-33.37	-34.14	-33.37	-33.86	-31.06
		2691MHz to 2692MHz	-35.26	-35.57	-35.57	-35.59	-31.06
	59	2690MHz to 2691MHz	-33.16	-33.85	-33.39	-33.54	-31.06
		2691MHz to 2692MHz	-35.36	-35.75	-35.58	-35.52	-31.06
	60	2690MHz to 2691MHz	-33.41	-34.41	-33.64	-34.09	-31.06
		2691MHz to 2692MHz	-35.28	-35.85	-35.37	-35.30	-31.06
	61	2690MHz to 2691MHz	-33.15	-33.87	-33.32	-33.69	-31.06
		2691MHz to 2692MHz	-35.34	-35.81	-35.48	-35.57	-31.06
	62	2690MHz to 2691MHz	-33.28	-34.19	-33.52	-33.65	-31.06
		2691MHz to 2692MHz	-34.98	-35.54	-35.26	-35.53	-31.06
	63	2690MHz to 2691MHz	-32.61	-33.36	-32.67	-33.07	-31.06
		2691MHz to 2692MHz	-34.97	-35.70	-34.98	-35.60	-31.06

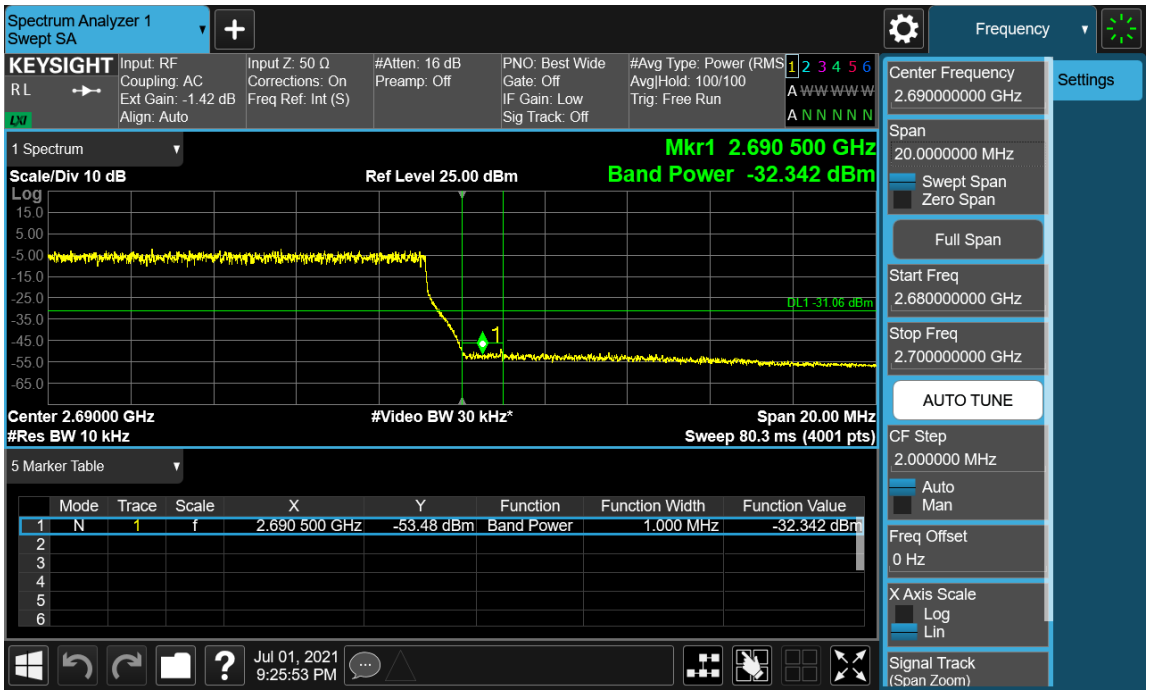
Table 7-26. Band Edge Emission Summary Data
(NR 1C_100M_High Channel)



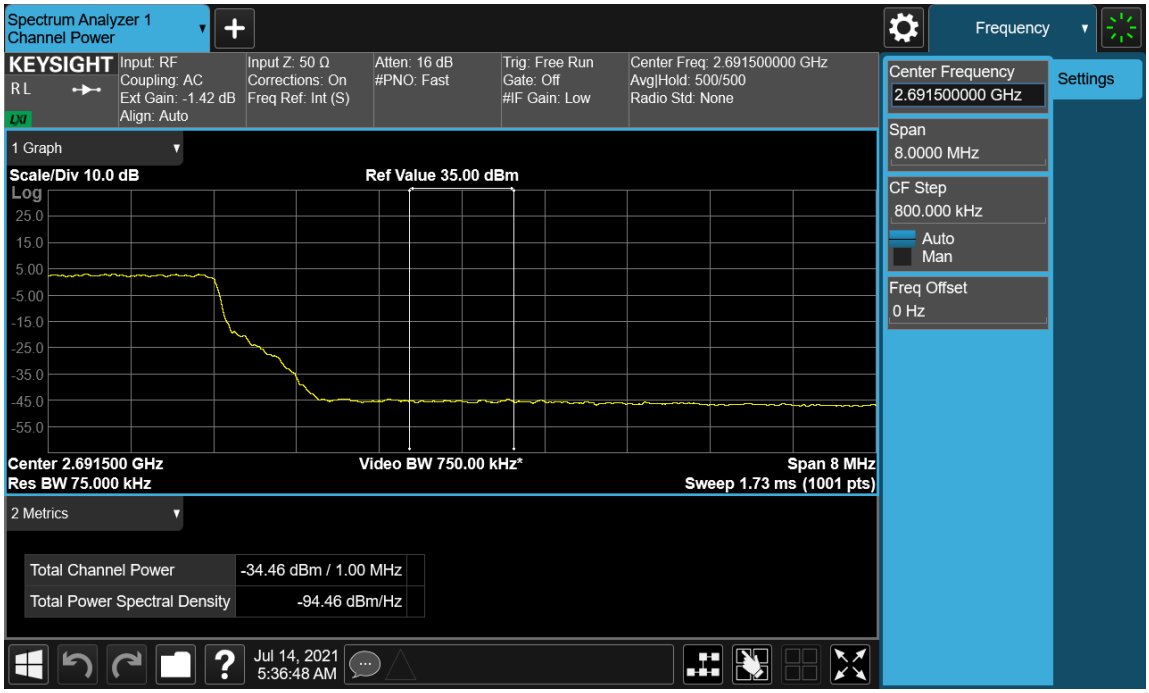
Plot 7-85. Band Edge Emission (2495MHz to 2496MHz) Plot
(NR 1C_100M - Low Channel_64QAM_Port 10)



Plot 7-86. Band Edge Emission (2494MHz to 2495MHz) Plot
(NR 1C_100M - Low Channel_QPSK_Port 1)



Plot 7-87. Band Edge Emission (2690MHz to 2691MHz) Plot
(NR 1C_100M - High Channel_256QAM_Port 0)



Plot 7-88. Band Edge Emission (2691MHz to 2692MHz) Plot
(NR 1C_100M - High Channel_QPSK_Port 37)

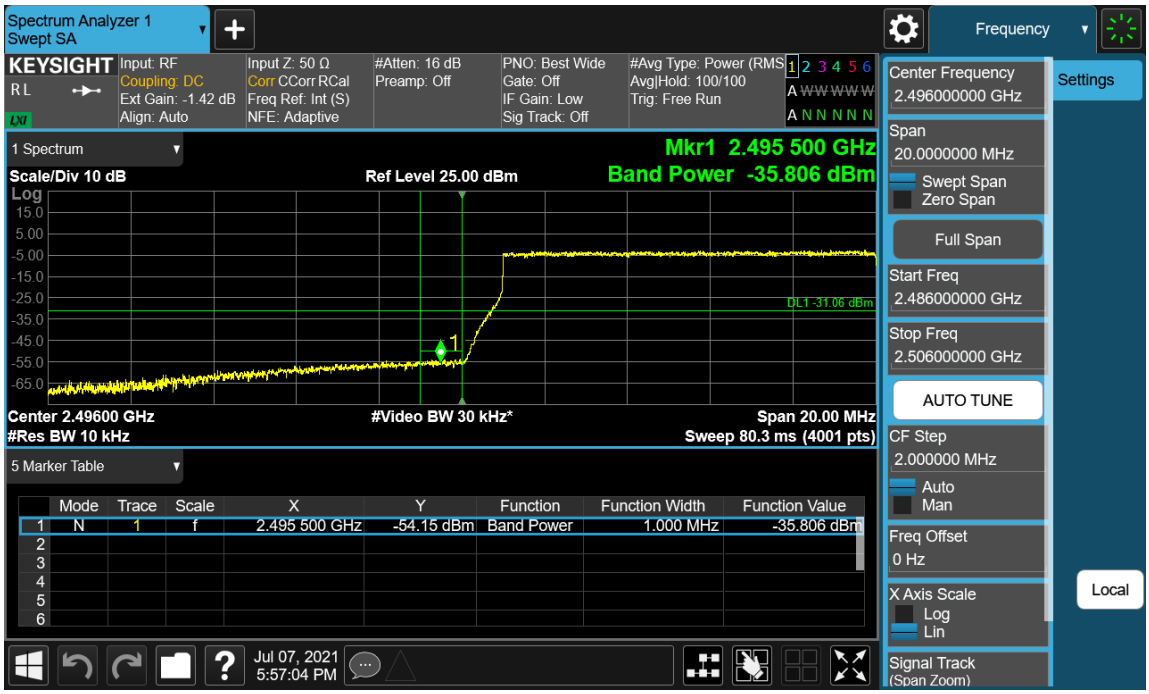
- Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M_Contiguous Configuraiton

Channel	Port #	Measurement Range	Level(dBm)	Port #	Level(dBm)	Limit (dBm)
Low	0	2495MHz to 2496MHz	-37.24	32	-36.64	-31.06
		2494MHz to 2495MHz	-34.27		-35.96	-31.06
	1	2495MHz to 2496MHz	-37.39	33	-36.84	-31.06
		2494MHz to 2495MHz	-36.25		-36.22	-31.06
	2	2495MHz to 2496MHz	-37.10	34	-36.69	-31.06
		2494MHz to 2495MHz	-32.65		-35.90	-31.06
	3	2495MHz to 2496MHz	-36.67	35	-37.20	-31.06
		2494MHz to 2495MHz	-34.30		-36.14	-31.06
	4	2495MHz to 2496MHz	-36.49	36	-36.95	-31.06
		2494MHz to 2495MHz	-35.68		-36.06	-31.06
	5	2495MHz to 2496MHz	-36.73	37	-37.03	-31.06
		2494MHz to 2495MHz	-33.11		-35.89	-31.06
	6	2495MHz to 2496MHz	-37.07	38	-37.06	-31.06
		2494MHz to 2495MHz	-36.10		-35.82	-31.06
	7	2495MHz to 2496MHz	-37.36	39	-37.28	-31.06
		2494MHz to 2495MHz	-35.48		-35.83	-31.06
	8	2495MHz to 2496MHz	-37.19	40	-36.56	-31.06
		2494MHz to 2495MHz	-35.63		-36.38	-31.06
	9	2495MHz to 2496MHz	-37.10	41	-36.41	-31.06
		2494MHz to 2495MHz	-34.80		-36.14	-31.06
	10	2495MHz to 2496MHz	-36.64	42	-37.44	-31.06
		2494MHz to 2495MHz	-36.03		-35.90	-31.06
	11	2495MHz to 2496MHz	-37.34	43	-36.69	-31.06
		2494MHz to 2495MHz	-36.41		-36.28	-31.06
	12	2495MHz to 2496MHz	-36.90	44	-36.95	-31.06
		2494MHz to 2495MHz	-36.46		-36.09	-31.06
	13	2495MHz to 2496MHz	-37.08	45	-37.01	-31.06
		2494MHz to 2495MHz	-36.37		-35.55	-31.06
	14	2495MHz to 2496MHz	-37.13	46	-36.61	-31.06
		2494MHz to 2495MHz	-35.86		-35.89	-31.06
	15	2495MHz to 2496MHz	-37.10	47	-35.82	-31.06
		2494MHz to 2495MHz	-36.56		-36.18	-31.06
	16	2495MHz to 2496MHz	-37.15	48	-36.79	-31.06
		2494MHz to 2495MHz	-36.04		-35.83	-31.06
	17	2495MHz to 2496MHz	-36.95	49	-36.64	-31.06
		2494MHz to 2495MHz	-35.23		-36.39	-31.06
	18	2495MHz to 2496MHz	-36.80	50	-36.60	-31.06
		2494MHz to 2495MHz	-35.89		-39.49	-31.06
	19	2495MHz to 2496MHz	-37.36	51	-36.53	-31.06
		2494MHz to 2495MHz	-35.93		-35.94	-31.06
	20	2495MHz to 2496MHz	-36.98	52	-36.24	-31.06
		2494MHz to 2495MHz	-35.96		-36.16	-31.06
	21	2495MHz to 2496MHz	-37.59	53	-36.90	-31.06
		2494MHz to 2495MHz	-36.64		-35.57	-31.06
	22	2495MHz to 2496MHz	-36.92	54	-35.94	-31.06
		2494MHz to 2495MHz	-35.64		-35.60	-31.06
	23	2495MHz to 2496MHz	-37.00	55	-36.47	-31.06
		2494MHz to 2495MHz	-35.02		-36.13	-31.06
	24	2495MHz to 2496MHz	-36.72	56	-35.81	-31.06
		2494MHz to 2495MHz	-35.77		-35.60	-31.06
	25	2495MHz to 2496MHz	-36.59	57	-36.50	-31.06
		2494MHz to 2495MHz	-36.13		-36.54	-31.06
	26	2495MHz to 2496MHz	-37.09	58	-36.06	-31.06
		2494MHz to 2495MHz	-36.40		-35.54	-31.06
	27	2495MHz to 2496MHz	-37.26	59	-36.43	-31.06
		2494MHz to 2495MHz	-35.78		-35.92	-31.06
	28	2495MHz to 2496MHz	-37.55	60	-36.31	-31.06
		2494MHz to 2495MHz	-36.00		-36.32	-31.06
	29	2495MHz to 2496MHz	-36.79	61	-36.93	-31.06
		2494MHz to 2495MHz	-35.94		-36.14	-31.06
	30	2495MHz to 2496MHz	-37.00	62	-37.13	-31.06
		2494MHz to 2495MHz	-35.97		-36.02	-31.06
	31	2495MHz to 2496MHz	-36.82	63	-36.49	-31.06
		2494MHz to 2495MHz	-35.90		-35.82	-31.06

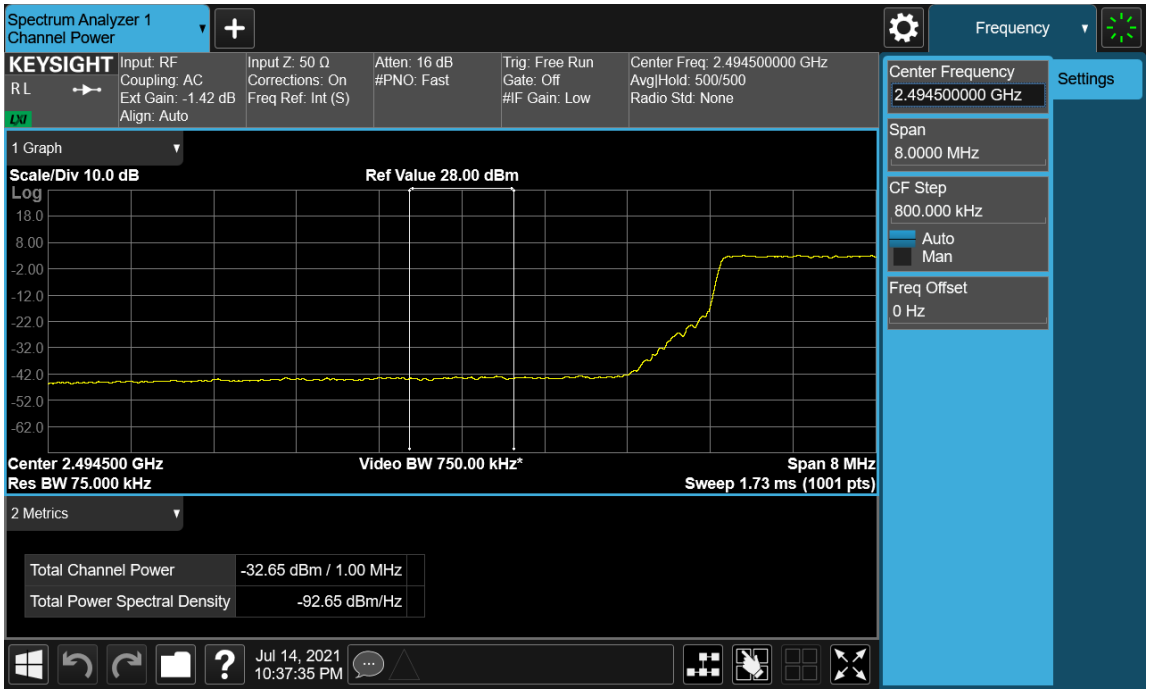
Table 7-27. Band Edge Emission Summary Data
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M_Contiguous_Low Channel)

Channel	Port #	Measurement Range	Level(dBm)	Port #	Level(dBm)	Limit (dBm)
High	0	2690MHz to 2691MHz	-34.96	32	-34.71	-31.06
		2691MHz to 2692MHz	-34.68		-34.96	-31.06
	1	2690MHz to 2691MHz	-35.41	33	-34.44	-31.06
		2691MHz to 2692MHz	-34.80		-35.17	-31.06
	2	2690MHz to 2691MHz	-34.87	34	-34.94	-31.06
		2691MHz to 2692MHz	-34.67		-34.40	-31.06
	3	2690MHz to 2691MHz	-35.15	35	-35.04	-31.06
		2691MHz to 2692MHz	-34.87		-34.78	-31.06
	4	2690MHz to 2691MHz	-34.28	36	-34.07	-31.06
		2691MHz to 2692MHz	-35.30		-34.21	-31.06
	5	2690MHz to 2691MHz	-35.17	37	-35.52	-31.06
		2691MHz to 2692MHz	-34.65		-34.24	-31.06
	6	2690MHz to 2691MHz	-35.18	38	-35.21	-31.06
		2691MHz to 2692MHz	-35.27		-35.12	-31.06
	7	2690MHz to 2691MHz	-35.54	39	-35.02	-31.06
		2691MHz to 2692MHz	-35.10		-34.34	-31.06
	8	2690MHz to 2691MHz	-34.31	40	-35.13	-31.06
		2691MHz to 2692MHz	-34.76		-35.03	-31.06
	9	2690MHz to 2691MHz	-35.40	41	-34.93	-31.06
		2691MHz to 2692MHz	-34.21		-35.24	-31.06
	10	2690MHz to 2691MHz	-34.40	42	-35.88	-31.06
		2691MHz to 2692MHz	-34.95		-35.03	-31.06
	11	2690MHz to 2691MHz	-35.41	43	-35.33	-31.06
		2691MHz to 2692MHz	-34.74		-34.80	-31.06
	12	2690MHz to 2691MHz	-35.31	44	-35.75	-31.06
		2691MHz to 2692MHz	-34.74		-34.20	-31.06
	13	2690MHz to 2691MHz	-35.07	45	-35.56	-31.06
		2691MHz to 2692MHz	-35.26		-35.06	-31.06
	14	2690MHz to 2691MHz	-34.47	46	-35.73	-31.06
		2691MHz to 2692MHz	-35.05		-34.80	-31.06
	15	2690MHz to 2691MHz	-35.79	47	-34.41	-31.06
		2691MHz to 2692MHz	-34.69		-34.09	-31.06
	16	2690MHz to 2691MHz	-34.84	48	-34.98	-31.06
		2691MHz to 2692MHz	-34.47		-34.41	-31.06
	17	2690MHz to 2691MHz	-35.41	49	-34.47	-31.06
		2691MHz to 2692MHz	-34.77		-35.01	-31.06
	18	2690MHz to 2691MHz	-35.09	50	-35.55	-31.06
		2691MHz to 2692MHz	-34.84		-37.40	-31.06
	19	2690MHz to 2691MHz	-35.53	51	-34.75	-31.06
		2691MHz to 2692MHz	-34.52		-35.47	-31.06
	20	2690MHz to 2691MHz	-34.84	52	-34.68	-31.06
		2691MHz to 2692MHz	-34.84		-34.88	-31.06
	21	2690MHz to 2691MHz	-35.71	53	-35.45	-31.06
		2691MHz to 2692MHz	-35.52		-34.73	-31.06
	22	2690MHz to 2691MHz	-35.13	54	-35.39	-31.06
		2691MHz to 2692MHz	-35.01		-34.41	-31.06
	23	2690MHz to 2691MHz	-35.37	55	-34.58	-31.06
		2691MHz to 2692MHz	-34.08		-35.02	-31.06
	24	2690MHz to 2691MHz	-35.45	56	-34.90	-31.06
		2691MHz to 2692MHz	-34.91		-34.73	-31.06
	25	2690MHz to 2691MHz	-35.44	57	-35.36	-31.06
		2691MHz to 2692MHz	-35.32		-34.88	-31.06
	26	2690MHz to 2691MHz	-34.95	58	-35.49	-31.06
		2691MHz to 2692MHz	-34.80		-35.05	-31.06
	27	2690MHz to 2691MHz	-35.55	59	-34.59	-31.06
		2691MHz to 2692MHz	-35.36		-34.82	-31.06
	28	2690MHz to 2691MHz	-35.23	60	-35.38	-31.06
		2691MHz to 2692MHz	-34.91		-34.54	-31.06
	29	2690MHz to 2691MHz	-35.52	61	-35.28	-31.06
		2691MHz to 2692MHz	-35.42		-34.80	-31.06
	30	2690MHz to 2691MHz	-35.36	62	-34.86	-31.06
		2691MHz to 2692MHz	-35.16		-34.94	-31.06
	31	2690MHz to 2691MHz	-34.55	63	-34.75	-31.06
		2691MHz to 2692MHz	-35.25		-34.38	-31.06

Table 7-28. Band Edge Emission Summary Data
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M_Contiguous_High Channel)



Plot 7-89. Band Edge Emission (2495MHz to 2496MHz) Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M_Contiguous - Low Channel_Port 56)



Plot 7-90. Band Edge Emission (2494MHz to 2495MHz) Plot
(Multi-RAT LTE 3C_20M+20M+20M & NR 1C_80M_Contiguous - Low Channel_Port 2)