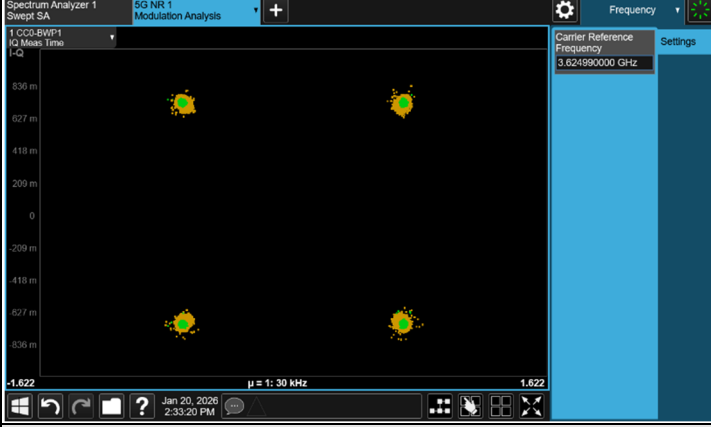
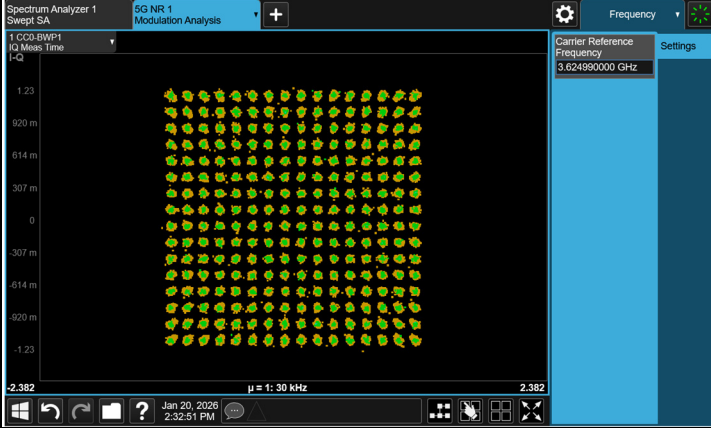


7.2 Modulation Characteristics

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	22°C, 73% RH	Tested By:	Noah Chang
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7.2.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz)

1CC, Channel Bandwidth: 40 MHz

 QPSK CH 641666 (3624.99 MHz)	 64QAM CH 641666 (3624.99 MHz)
 256QAM CH 641666 (3624.99 MHz)	

7.3 Maximum Power Spectral Density

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	22°C, 73% RH	Tested By:	Noah Chang
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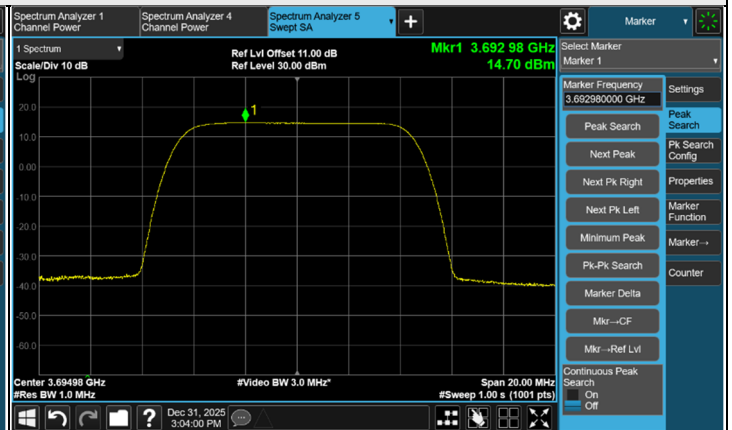
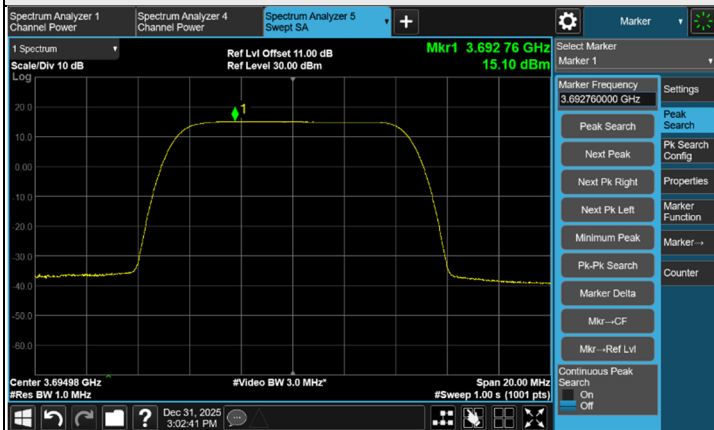
7.3.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz)

1CC

1CC PSD_SCS 30kHz											
Bandwidth	Frequency	Setting	Modulation	Ant.0	Ant.1	Ant.2	Ant.3	Total	EIRP	Limit	Verdict
10M	3555	25	QPSK	15.12	14.63	15.01	14.92	20.94	36.44	37	PASS
			64QAM	14.71	14.28	14.58	14.65	20.58	36.08	37	PASS
			256QAM	14.44	13.91	14.23	14.39	20.27	35.77	37	PASS
	3624.99	25	QPSK	14.97	14.47	14.91	15.06	20.88	36.38	37	PASS
			64QAM	14.60	14.20	14.66	14.68	20.56	36.06	37	PASS
			256QAM	14.37	13.79	14.34	14.30	20.23	35.73	37	PASS
	3694.98	25	QPSK	15.10	14.70	15.16	14.73	20.95	36.45	37	PASS
			64QAM	14.73	14.50	14.91	14.23	20.62	36.12	37	PASS
			256QAM	14.52	14.09	14.62	13.86	20.30	35.80	37	PASS
20M	3560.01	28	QPSK	15.07	14.69	14.99	14.78	20.91	36.41	37	PASS
			64QAM	14.84	14.49	14.48	14.49	20.60	36.10	37	PASS
			256QAM	14.46	13.93	14.07	14.07	20.16	35.66	37	PASS
	3624.99	28	QPSK	15.13	14.73	14.84	14.87	20.92	36.42	37	PASS
			64QAM	14.53	14.25	14.39	14.52	20.44	35.94	37	PASS
			256QAM	14.22	13.68	13.79	14.15	19.99	35.49	37	PASS
	3690	28	QPSK	15.16	14.56	15.04	14.82	20.92	36.42	37	PASS
			64QAM	14.58	14.20	14.51	14.30	20.42	35.92	37	PASS
			256QAM	14.30	13.76	14.09	13.94	20.05	35.55	37	PASS
30M	3565.02	29	QPSK	14.92	14.41	14.71	14.62	20.69	36.19	37	PASS
			64QAM	14.54	14.07	14.28	14.26	20.31	35.81	37	PASS
			256QAM	14.28	13.77	13.88	13.88	19.98	35.48	37	PASS
	3624.99	29.5	QPSK	14.87	14.96	14.87	14.87	20.91	36.41	37	PASS
			64QAM	14.55	14.57	14.65	14.42	20.57	36.07	37	PASS
			256QAM	14.27	14.26	14.19	14.15	20.24	35.74	37	PASS
	3684.99	29.5	QPSK	15.08	14.45	14.99	14.72	20.84	36.34	37	PASS
			64QAM	14.83	14.15	14.56	14.27	20.48	35.98	37	PASS
			256QAM	14.33	13.88	14.24	13.86	20.10	35.60	37	PASS
40M	3570	31	QPSK	14.88	14.48	14.85	14.90	20.80	36.30	37	PASS
			64QAM	14.43	14.01	14.59	14.60	20.43	35.93	37	PASS
			256QAM	13.97	13.79	14.11	14.08	20.01	35.51	37	PASS
	3624.99	31	QPSK	14.90	14.88	14.90	15.01	20.94	36.44	37	PASS
			64QAM	14.43	14.67	14.38	14.66	20.56	36.06	37	PASS
			256QAM	13.85	14.19	13.83	14.39	20.09	35.59	37	PASS
	3679.98	31	QPSK	14.75	14.41	14.70	14.53	20.62	36.12	37	PASS
			64QAM	14.35	13.95	14.11	14.20	20.18	35.68	37	PASS
			256QAM	14.03	13.46	13.82	13.96	19.84	35.34	37	PASS

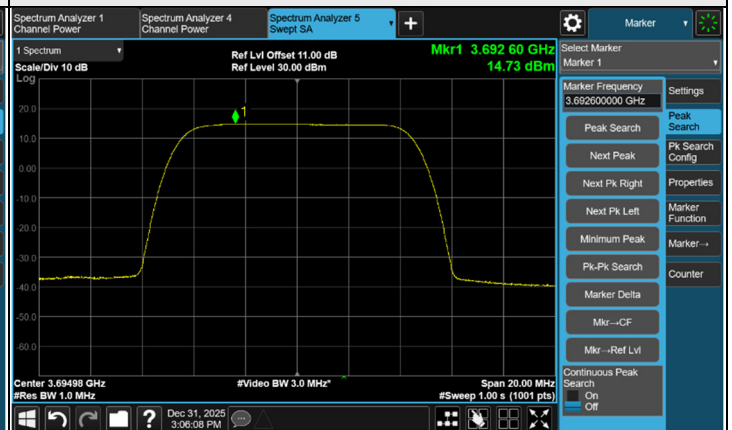
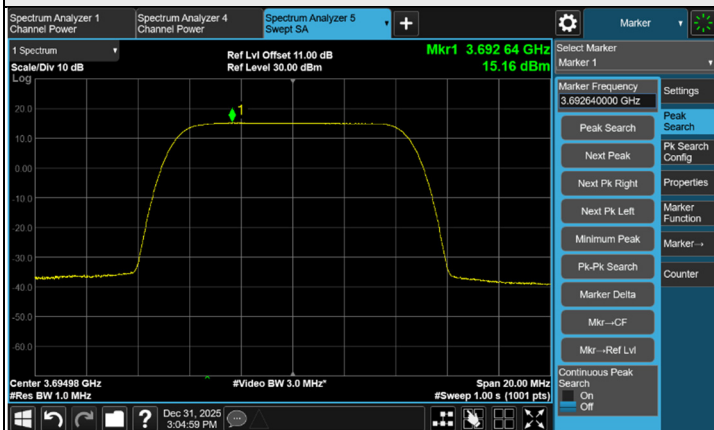
Spectrum Plot of Worst Value

10M QPSK CH 646332 (3694.98 MHz)



Ant.0

Ant.1



Ant.2

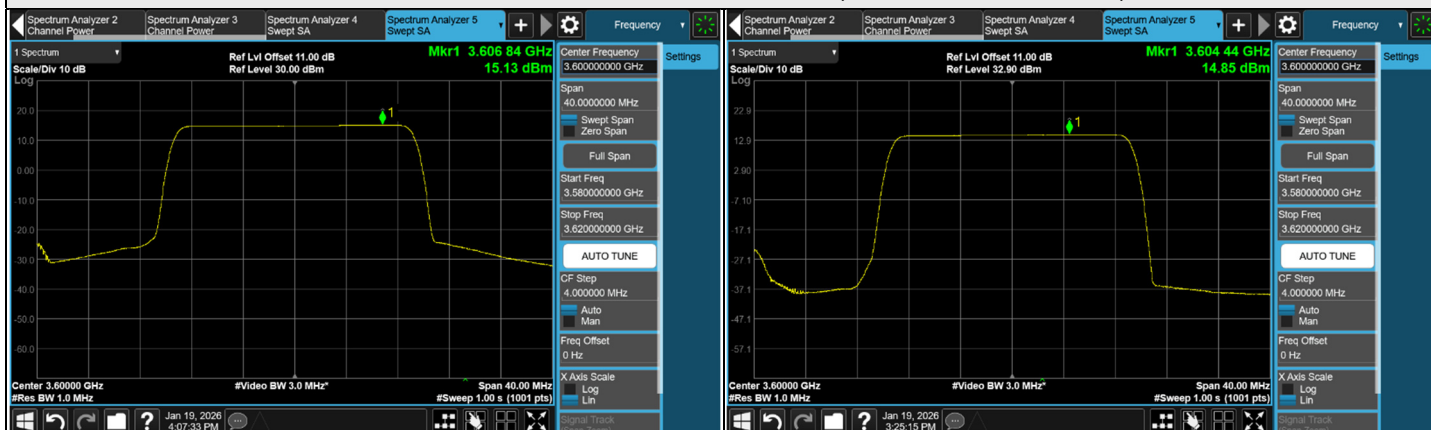
Ant.3

2CC-contiguous

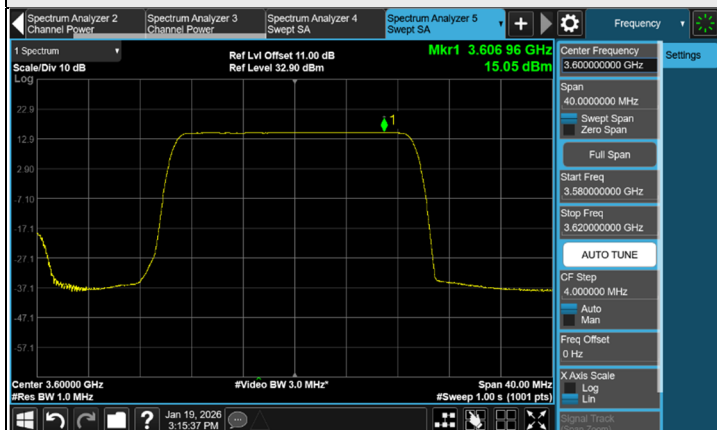
2CC contiguous PSD_SCS 30kHz											
Bandwidth	Frequency	Setting	Modulation	Ant.0	Ant.1	Ant.2	Ant.3	Total	EIRP	Limit	Verdict
10M+20M	3555+3600	30	QPSK	15.13	14.85	15.05	15.04	21.04	36.54	37	PASS
			64QAM	15.01	14.61	14.93	14.91	20.89	36.39	37	PASS
			256QAM	14.93	14.56	14.73	14.83	20.79	36.29	37	PASS
	3600+3645	30	QPSK	15.08	14.60	15.08	14.93	20.95	36.45	37	PASS
			64QAM	14.86	14.39	15.01	14.71	20.77	36.27	37	PASS
			256QAM	14.68	14.21	14.82	14.58	20.60	36.10	37	PASS
	3645+3690	30	QPSK	14.95	14.57	14.86	15.03	20.88	36.38	37	PASS
			64QAM	14.85	14.33	14.69	14.89	20.72	36.22	37	PASS
			256QAM	14.73	14.09	14.56	14.70	20.55	36.05	37	PASS
20M+10M	3560.01+3605.01	30	QPSK	15.15	14.78	14.91	14.78	20.93	36.43	37	PASS
			64QAM	14.99	14.62	14.67	14.58	20.74	36.24	37	PASS
			256QAM	14.87	14.45	14.52	14.35	20.57	36.07	37	PASS
	3605.01+3650.01	30	QPSK	14.67	14.41	14.96	14.53	20.67	36.17	37	PASS
			64QAM	14.44	14.16	14.73	14.41	20.46	35.96	37	PASS
			256QAM	14.33	14.02	14.51	14.22	20.29	35.79	37	PASS
	3650.01+3695.01	30	QPSK	14.95	14.43	14.62	14.80	20.72	36.22	37	PASS
			64QAM	14.84	14.28	14.43	14.56	20.55	36.05	37	PASS
			256QAM	14.77	14.21	14.24	14.49	20.45	35.95	37	PASS
20M+20M	3560.01+3600	31	QPSK	15.02	14.72	14.52	14.90	20.81	36.31	37	PASS
			64QAM	14.90	14.61	14.34	14.66	20.65	36.15	37	PASS
			256QAM	14.72	14.48	14.11	14.59	20.50	36.00	37	PASS
	3605.01+3645	31	QPSK	14.86	14.43	14.89	14.72	20.75	36.25	37	PASS
			64QAM	14.79	14.22	14.81	14.65	20.64	36.14	37	PASS
			256QAM	14.58	14.14	14.69	14.59	20.53	36.03	37	PASS
	3650.01+3690	31	QPSK	14.73	14.37	14.20	14.74	20.54	36.04	37	PASS
			64QAM	14.58	14.13	13.97	14.63	20.36	35.86	37	PASS
			256QAM	14.51	14.03	13.84	14.52	20.26	35.76	37	PASS
20M+40M	3560.01+3590.01	32.5	QPSK	14.48	14.08	14.02	13.93	20.15	35.65	37	PASS
			64QAM	14.36	14.02	13.78	13.73	20.00	35.50	37	PASS
			256QAM	14.13	13.89	13.69	13.50	19.83	35.33	37	PASS
	3605.01+3635.01	32.5	QPSK	14.45	13.95	14.38	14.14	20.26	35.76	37	PASS
			64QAM	14.23	13.83	14.26	14.01	20.11	35.61	37	PASS
			256QAM	14.09	13.62	14.12	13.87	19.95	35.45	37	PASS
	3650.01+3680.01	32.5	QPSK	14.18	13.79	13.90	14.15	20.03	35.53	37	PASS
			64QAM	14.12	13.68	13.77	14.06	19.93	35.43	37	PASS
			256QAM	13.99	13.60	13.60	13.93	19.80	35.30	37	PASS

Spectrum Plot of Worst Value

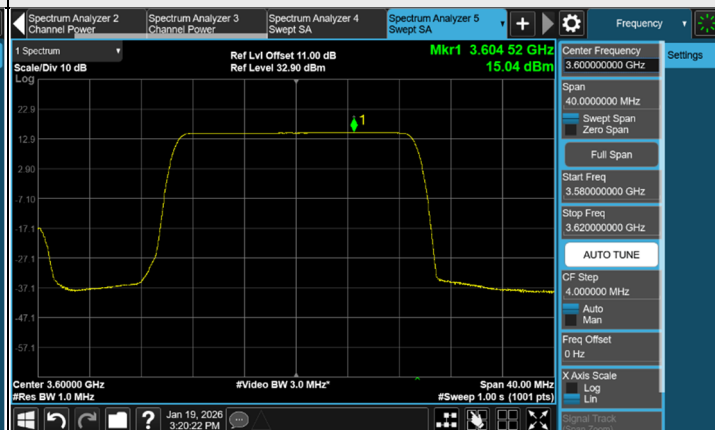
10M+20M QPSK CH 637000 + CH 640000 (3555 MHz + 3600 MHz)



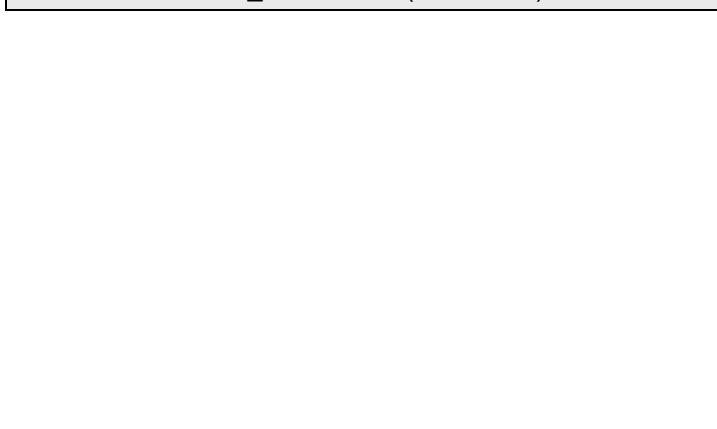
Ant.0_CH 640000 (3600 MHz)



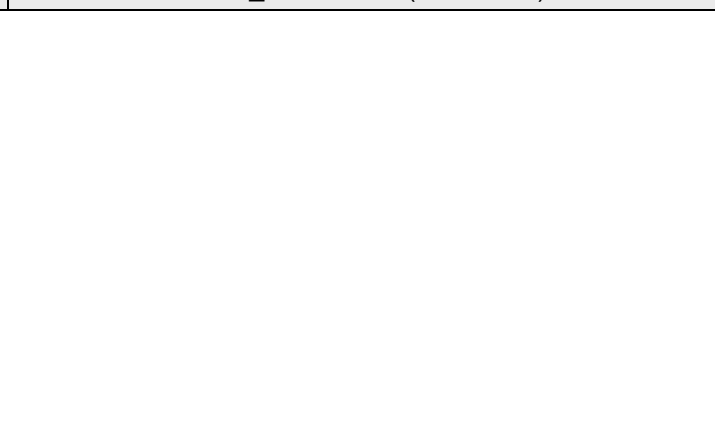
Ant.1_CH 640000 (3600 MHz)



Ant.2_CH 640000 (3600 MHz)



Ant.3_CH 640000 (3600 MHz)

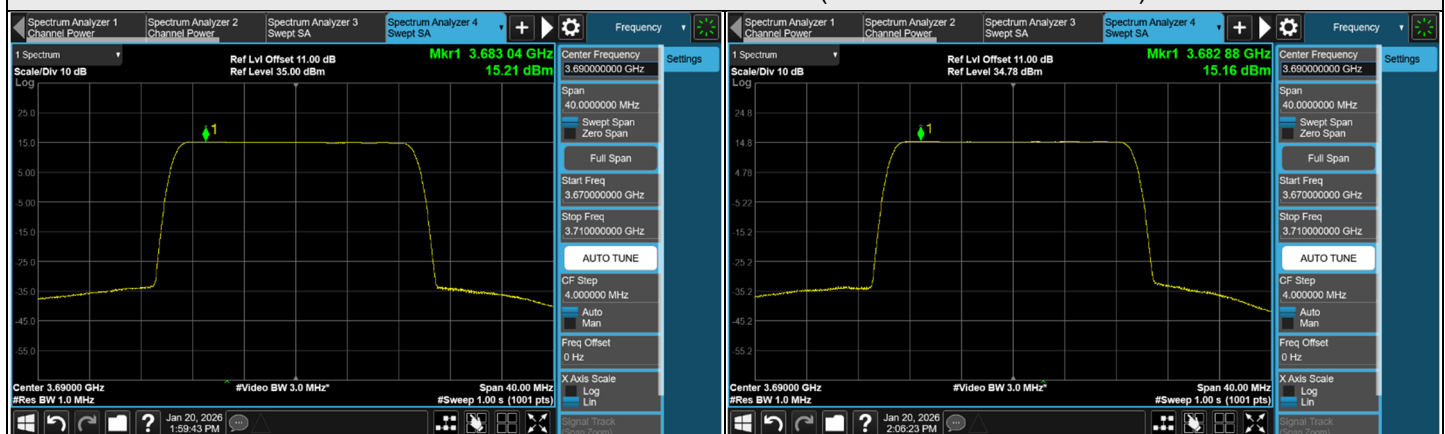


2CC-Non-contiguous

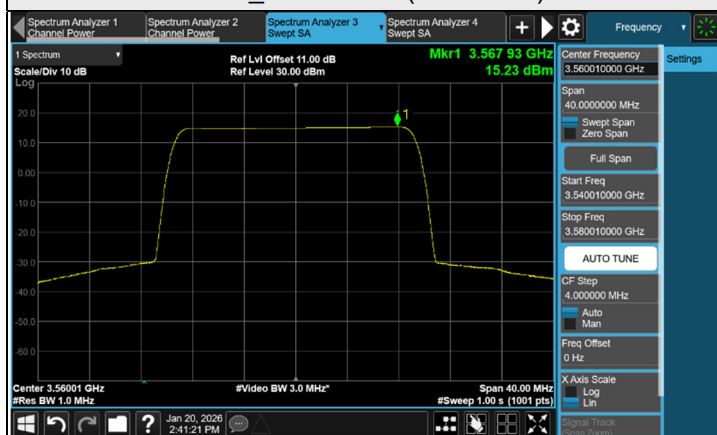
2CC Non-contiguous PSD_SCS 30kHz											
Bandwidth	Frequency	Setting	Modulation	Ant.0	Ant.1	Ant.2	Ant.3	Total	EIRP	Limit	Verdict
10M+20M	3555+3690	30	QPSK	15.17	15.19	15.25	15.02	21.18	36.68	37	PASS
			64QAM	14.93	15.12	15.12	14.78	21.01	36.51	37	PASS
			256QAM	14.83	14.92	15.04	14.66	20.89	36.39	37	PASS
20M+10M	3560.01+3695.01	29.5	QPSK	15.22	15.12	15.14	14.61	21.05	36.55	37	PASS
			64QAM	15.08	15.04	15.02	14.47	20.93	36.43	37	PASS
			256QAM	14.87	14.91	14.83	14.36	20.77	36.27	37	PASS
20M+20M	3560.01+3690	31	QPSK	15.21	15.16	15.23	15.06	21.19	36.69	37	PASS
			64QAM	15.14	14.92	15.10	14.89	21.03	36.53	37	PASS
			256QAM	14.96	14.76	15.05	14.64	20.88	36.38	37	PASS
20M+40M	3560.01+3680.01	32.5	QPSK	14.55	14.78	14.75	14.80	20.74	36.24	37	PASS
			64QAM	14.45	14.71	14.70	14.68	20.66	36.16	37	PASS
			256QAM	14.26	14.55	14.63	14.58	20.53	36.03	37	PASS

Spectrum Plot of Worst Value

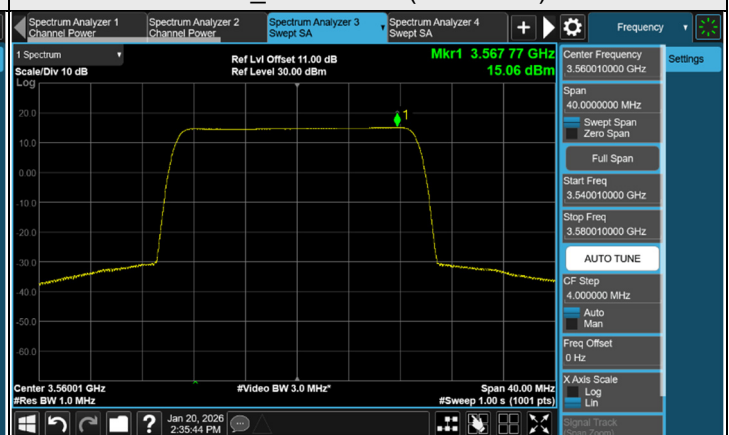
20M+20M QPSK CH 637334 + CH 646000 (3560.01 MHz + 3690 MHz)



Ant.0_CH 646000 (3690 MHz)



Ant.1_CH 646000 (3690 MHz)



Ant.2_CH 637334 (3560.01 MHz)

Ant.3_CH 637334 (3560.01 MHz)

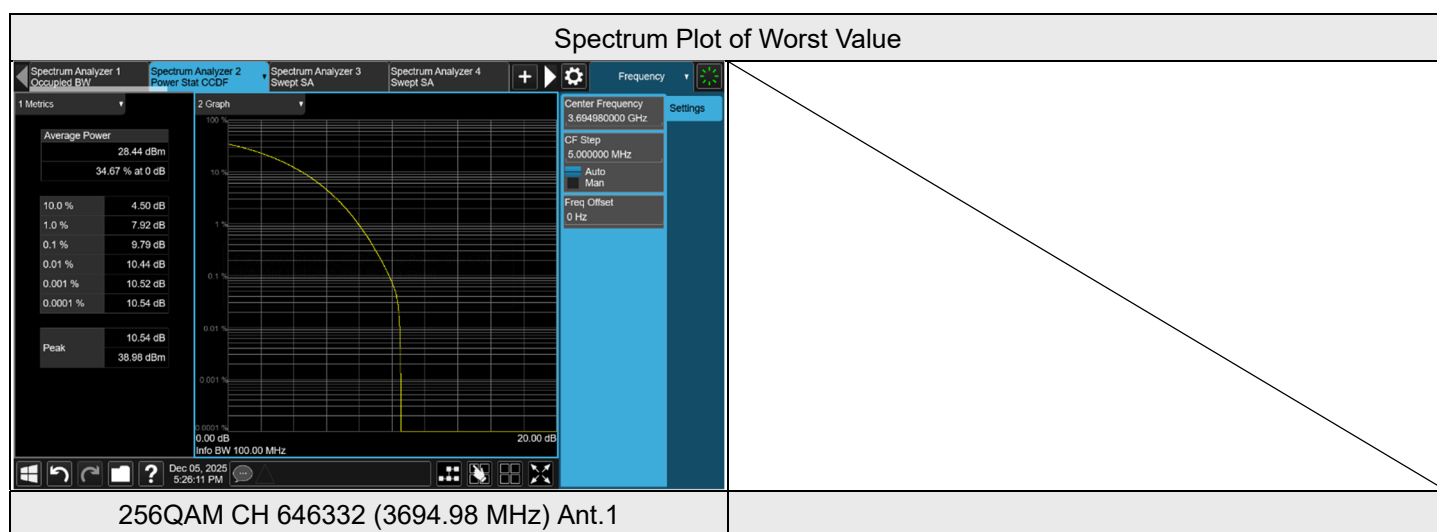
7.4 Peak to Average Ratio

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	22°C, 73% RH	Tested By:	Noah Chang
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7.4.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz)

1CC, Channel Bandwidth: 10 MHz

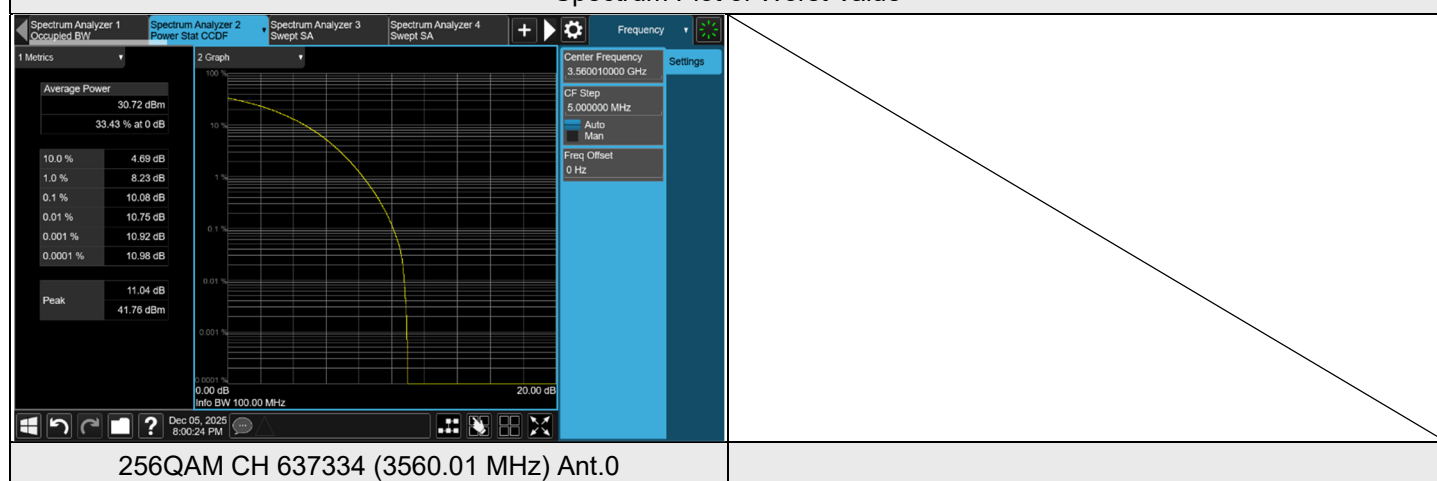
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)				Limit (dB)	Result
			Ant.0	Ant.1	Ant.2	Ant.3		
QPSK	637000	3555	8.55	8.63	8.56	8.23	13	PASS
QPSK	641666	3624.99	8.67	8.30	8.55	8.24	13	PASS
QPSK	646332	3694.98	8.44	8.31	8.47	9.04	13	PASS
64QAM	637000	3555	9.16	8.89	8.83	8.60	13	PASS
64QAM	641666	3624.99	9.14	8.63	9.08	8.66	13	PASS
64QAM	646332	3694.98	8.84	8.74	8.79	9.31	13	PASS
256QAM	637000	3555	9.23	9.27	9.22	8.91	13	PASS
256QAM	641666	3624.99	9.29	8.82	9.17	8.97	13	PASS
256QAM	646332	3694.98	9.40	9.79	9.26	9.68	13	PASS



1CC, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)				Limit (dB)	Result
			Ant.0	Ant.1	Ant.2	Ant.3		
QPSK	637334	3560.01	8.64	8.20	8.21	8.70	13	PASS
QPSK	641666	3624.99	8.06	8.63	8.74	8.80	13	PASS
QPSK	646000	3690	8.40	8.45	8.99	8.62	13	PASS
64QAM	637334	3560.01	9.47	8.70	9.03	8.73	13	PASS
64QAM	641666	3624.99	8.77	8.83	9.14	9.21	13	PASS
64QAM	646000	3690	9.23	8.95	9.53	8.99	13	PASS
256QAM	637334	3560.01	10.08	9.46	9.98	9.33	13	PASS
256QAM	641666	3624.99	9.11	9.22	9.46	9.75	13	PASS
256QAM	646000	3690	9.53	9.26	9.45	9.50	13	PASS

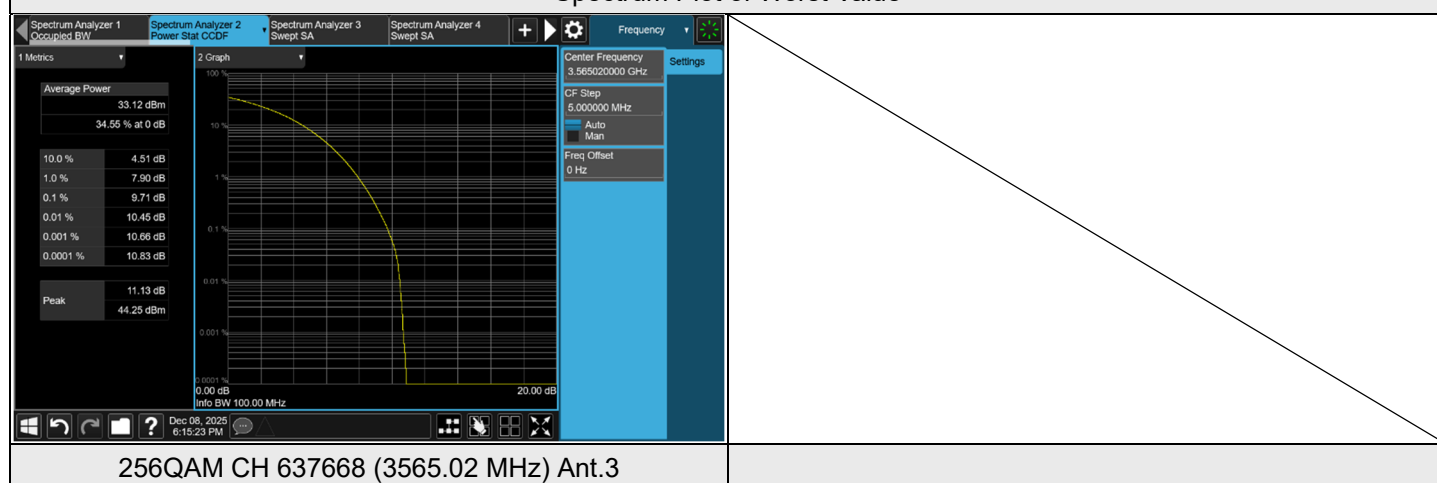
Spectrum Plot of Worst Value



1CC, Channel Bandwidth: 30 MHz

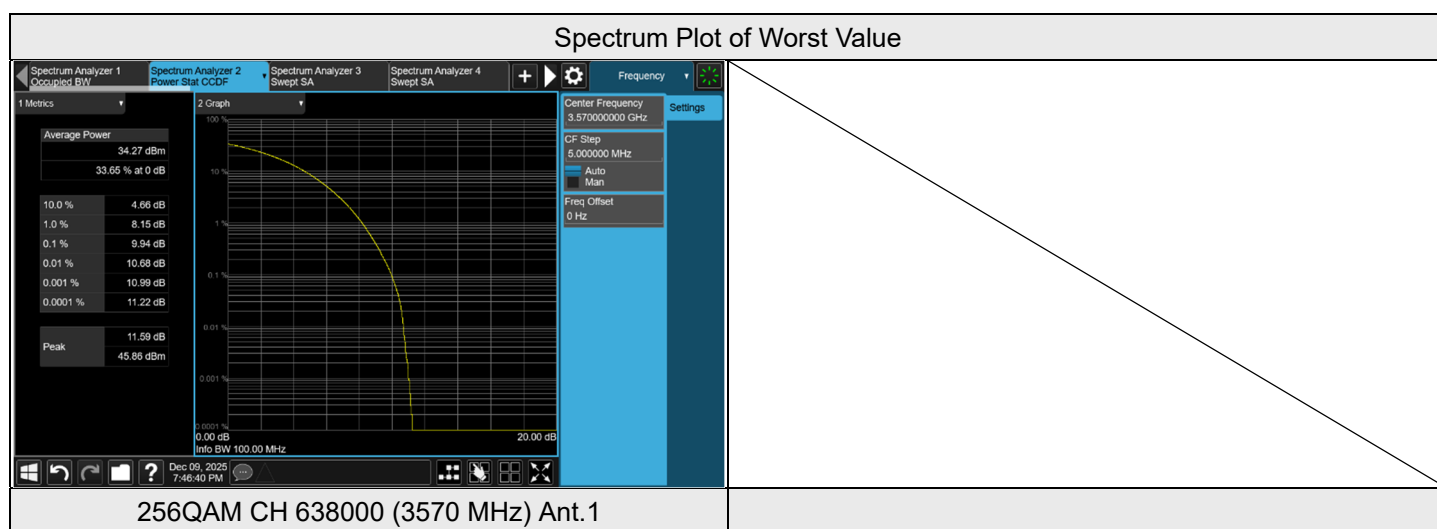
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)				Limit (dB)	Result
			Ant.0	Ant.1	Ant.2	Ant.3		
QPSK	637668	3565.02	8.85	8.61	8.40	8.71	13	PASS
QPSK	641666	3624.99	8.70	8.25	8.25	8.48	13	PASS
QPSK	645666	3684.99	8.21	8.22	8.28	8.26	13	PASS
64QAM	637668	3565.02	9.28	9.28	9.32	9.38	13	PASS
64QAM	641666	3624.99	9.19	8.71	8.44	8.73	13	PASS
64QAM	645666	3684.99	8.87	8.59	8.56	8.86	13	PASS
256QAM	637668	3565.02	9.63	9.45	9.55	9.71	13	PASS
256QAM	641666	3624.99	9.59	9.34	9.11	9.23	13	PASS
256QAM	645666	3684.99	9.38	8.83	9.38	9.15	13	PASS

Spectrum Plot of Worst Value



1CC, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)				Limit (dB)	Result
			Ant.0	Ant.1	Ant.2	Ant.3		
QPSK	638000	3570	8.91	8.16	8.89	8.22	13	PASS
QPSK	641666	3624.99	8.38	8.22	8.21	8.42	13	PASS
QPSK	645332	3679.98	8.20	8.42	8.23	8.35	13	PASS
64QAM	638000	3570	9.64	8.91	9.69	9.09	13	PASS
64QAM	641666	3624.99	8.97	8.69	8.89	8.66	13	PASS
64QAM	645332	3679.98	8.67	8.91	8.58	8.81	13	PASS
256QAM	638000	3570	9.76	9.94	9.64	9.91	13	PASS
256QAM	641666	3624.99	9.34	9.36	8.99	8.96	13	PASS
256QAM	645332	3679.98	9.10	9.29	8.97	9.46	13	PASS

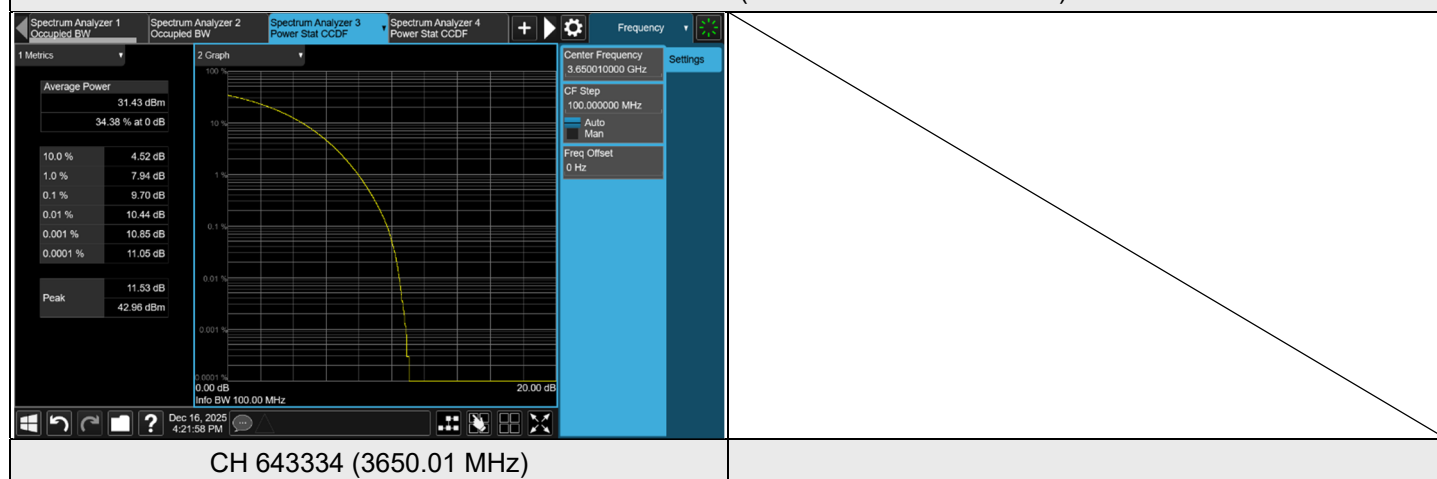


2CC-contiguous, Channel Bandwidth: 20 MHz + 20 MHz

Modulation	Channel		Frequency (MHz)	Measurement Value(dB)				Limit (dB)	Result
				Ant.0	Ant.1	Ant.2	Ant.3		
QPSK	Low	637334	3560.01	8.80	8.26	8.81	8.50	13	PASS
		640000	3600	8.19	8.55	8.17	8.51	13	PASS
	Middle	640334	3605.01	8.36	8.22	8.18	8.39	13	PASS
		643000	3645	8.24	8.22	8.19	8.26	13	PASS
	High	643334	3650.01	8.58	8.62	8.61	8.70	13	PASS
		646000	3690	8.49	8.21	9.05	8.28	13	PASS
64QAM	Low	637334	3560.01	9.24	8.94	9.28	9.25	13	PASS
		640000	3600	8.96	8.80	8.76	9.02	13	PASS
	Middle	640334	3605.01	8.66	8.61	8.68	8.51	13	PASS
		643000	3645	9.12	8.67	8.56	8.47	13	PASS
	High	643334	3650.01	9.27	9.12	9.21	9.00	13	PASS
		646000	3690	9.08	9.11	9.16	8.95	13	PASS
256QAM	Low	637334	3560.01	9.50	9.21	9.48	9.54	13	PASS
		640000	3600	9.44	9.08	9.48	9.62	13	PASS
	Middle	640334	3605.01	8.82	9.04	9.36	9.11	13	PASS
		643000	3645	9.45	8.88	9.28	8.96	13	PASS
	High	643334	3650.01	9.42	9.44	9.70	9.24	13	PASS
		646000	3690	9.53	9.43	9.58	9.40	13	PASS

Spectrum Plot of Worst Value

256QAM CH 643334 + CH 646000 (3650.01 MHz + 3690 MHz) Ant.2

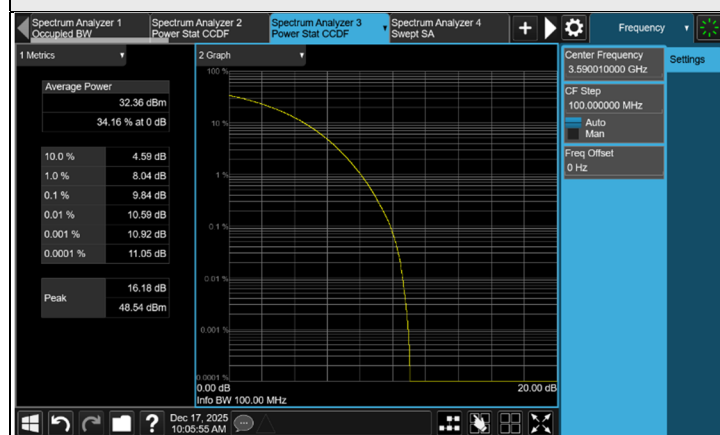


2CC-contiguous, Channel Bandwidth: 20 MHz + 40 MHz

Modulation	Channel		Frequency (MHz)	Measurement Value(dB)				Limit (dB)	Result
				Ant.0	Ant.1	Ant.2	Ant.3		
QPSK	Low	637334	3560.01	8.18	8.23	8.85	8.44	13	PASS
		639334	3590.01	8.17	8.46	8.62	8.51	13	PASS
	Middle	640334	3605.01	8.18	8.33	8.74	8.44	13	PASS
		642334	3635.01	8.16	8.30	8.39	8.50	13	PASS
	High	643334	3650.01	8.32	8.39	8.23	8.51	13	PASS
		645334	3680.01	8.76	8.26	8.61	8.28	13	PASS
64QAM	Low	637334	3560.01	8.71	9.03	9.17	8.93	13	PASS
		639334	3590.01	8.75	8.50	8.98	9.11	13	PASS
	Middle	640334	3605.01	8.90	8.51	8.84	8.70	13	PASS
		642334	3635.01	8.91	8.37	8.65	8.78	13	PASS
	High	643334	3650.01	8.69	8.67	8.53	8.78	13	PASS
		645334	3680.01	9.13	8.81	9.06	8.72	13	PASS
256QAM	Low	637334	3560.01	8.99	9.45	9.63	9.30	13	PASS
		639334	3590.01	9.08	9.25	9.31	9.84	13	PASS
	Middle	640334	3605.01	9.32	8.82	9.20	9.34	13	PASS
		642334	3635.01	9.16	8.89	9.08	8.91	13	PASS
	High	643334	3650.01	9.47	9.25	9.03	9.33	13	PASS
		645334	3680.01	9.35	9.16	9.38	9.23	13	PASS

Spectrum Plot of Worst Value

256QAM CH 637334 + CH 639334 (3560.01 MHz + 3590.01 MHz) Ant.3



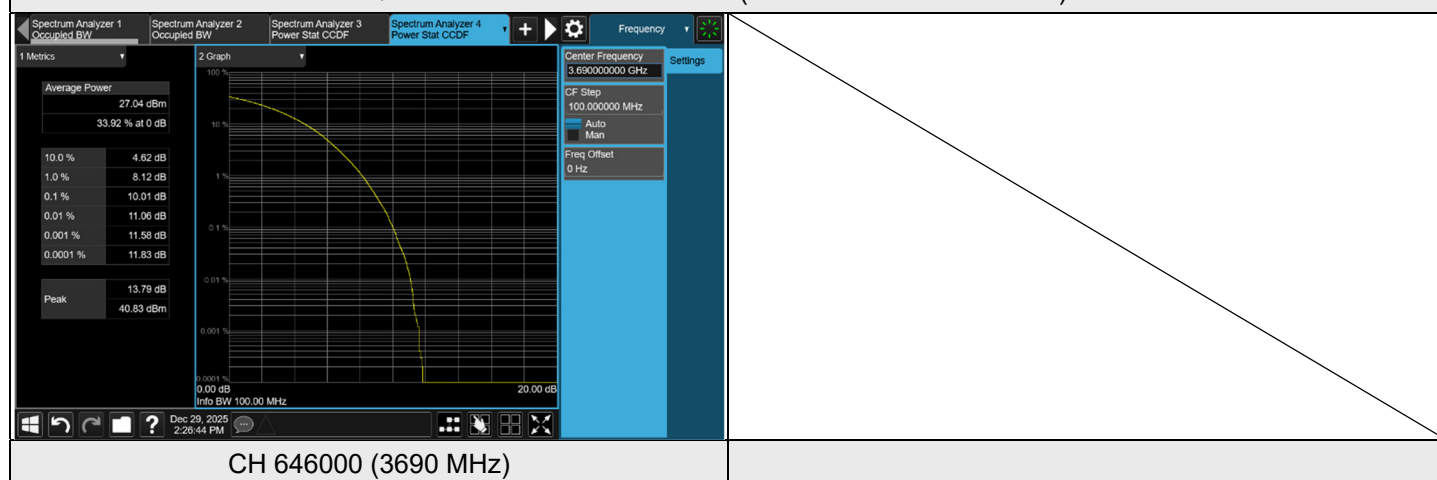
CH 639334 (3590.01 MHz)

2CC-Non-contiguous, Channel Bandwidth: 20 MHz + 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)				Limit (dB)	Result
			Ant.0	Ant.1	Ant.2	Ant.3		
QPSK	637334	3560.01	8.92	8.32	8.36	8.53	13	PASS
	646000	3690	9.10	9.14	8.73	8.64	13	PASS
64QAM	637334	3560.01	9.49	8.76	9.27	9.24	13	PASS
	646000	3690	9.39	9.60	9.71	9.17	13	PASS
256QAM	637334	3560.01	9.75	9.23	9.70	9.86	13	PASS
	646000	3690	9.92	9.82	9.92	10.01	13	PASS

Spectrum Plot of Worst Value

256QAM CH 637334 + CH 646000 (3560.01 MHz + 3690 MHz) Ant.3



CH 646000 (3690 MHz)

7.5 Bandwidth

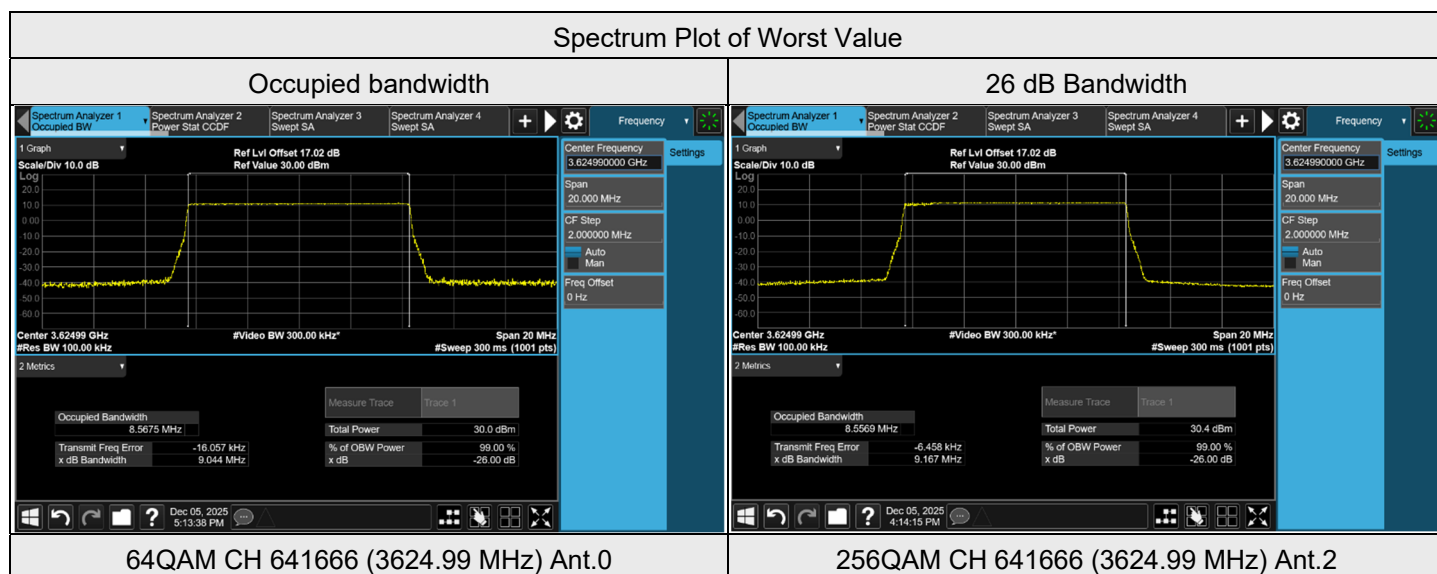
Input Power:	120 Vac, 60 Hz	Environmental Conditions:	22°C, 73% RH	Tested By:	Noah Chang
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7.5.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz)

1CC, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
			Ant.0	Ant.1	Ant.2	Ant.3
QPSK	637000	3555	8.565	8.559	8.560	8.562
QPSK	641666	3624.99	8.564	8.563	8.560	8.564
QPSK	646332	3694.98	8.563	8.558	8.557	8.559
64QAM	637000	3555	8.564	8.565	8.566	8.563
64QAM	641666	3624.99	8.568	8.555	8.562	8.560
64QAM	646332	3694.98	8.563	8.557	8.563	8.562
256QAM	637000	3555	8.566	8.562	8.562	8.567
256QAM	641666	3624.99	8.566	8.560	8.557	8.564
256QAM	646332	3694.98	8.562	8.557	8.560	8.562

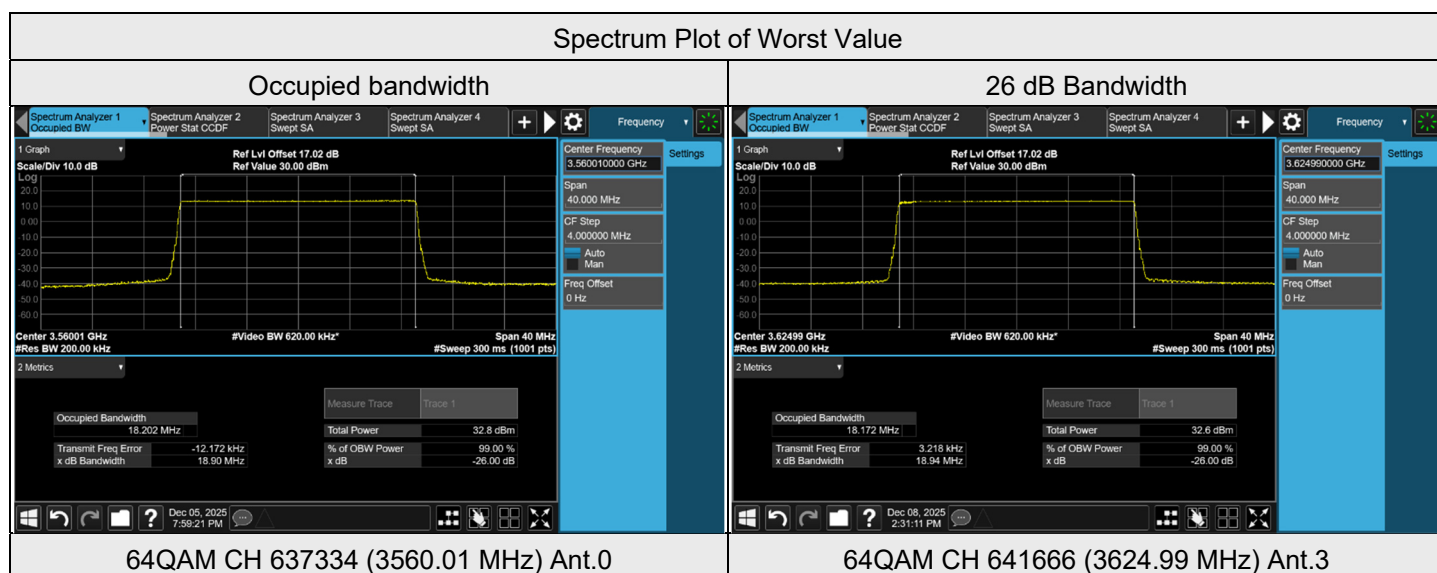
Modulation	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
			Ant.0	Ant.1	Ant.2	Ant.3
QPSK	637000	3555	9.11	9.08	9.10	9.10
QPSK	641666	3624.99	9.09	9.09	9.10	9.12
QPSK	646332	3694.98	9.03	9.09	9.12	9.13
64QAM	637000	3555	9.10	9.05	9.12	9.10
64QAM	641666	3624.99	9.04	9.09	9.14	9.10
64QAM	646332	3694.98	9.13	9.11	9.14	9.08
256QAM	637000	3555	9.08	9.10	9.11	9.14
256QAM	641666	3624.99	9.09	9.11	9.17	9.12
256QAM	646332	3694.98	9.04	9.06	9.09	9.08



1CC, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
			Ant.0	Ant.1	Ant.2	Ant.3
QPSK	637334	3560.01	18.200	18.176	18.179	18.177
QPSK	641666	3624.99	18.195	18.172	18.169	18.173
QPSK	646000	3690	18.180	18.171	18.169	18.179
64QAM	637334	3560.01	18.202	18.182	18.178	18.175
64QAM	641666	3624.99	18.195	18.174	18.169	18.172
64QAM	646000	3690	18.181	18.175	18.169	18.175
256QAM	637334	3560.01	18.200	18.179	18.177	18.177
256QAM	641666	3624.99	18.193	18.175	18.175	18.171
256QAM	646000	3690	18.180	18.172	18.169	18.177

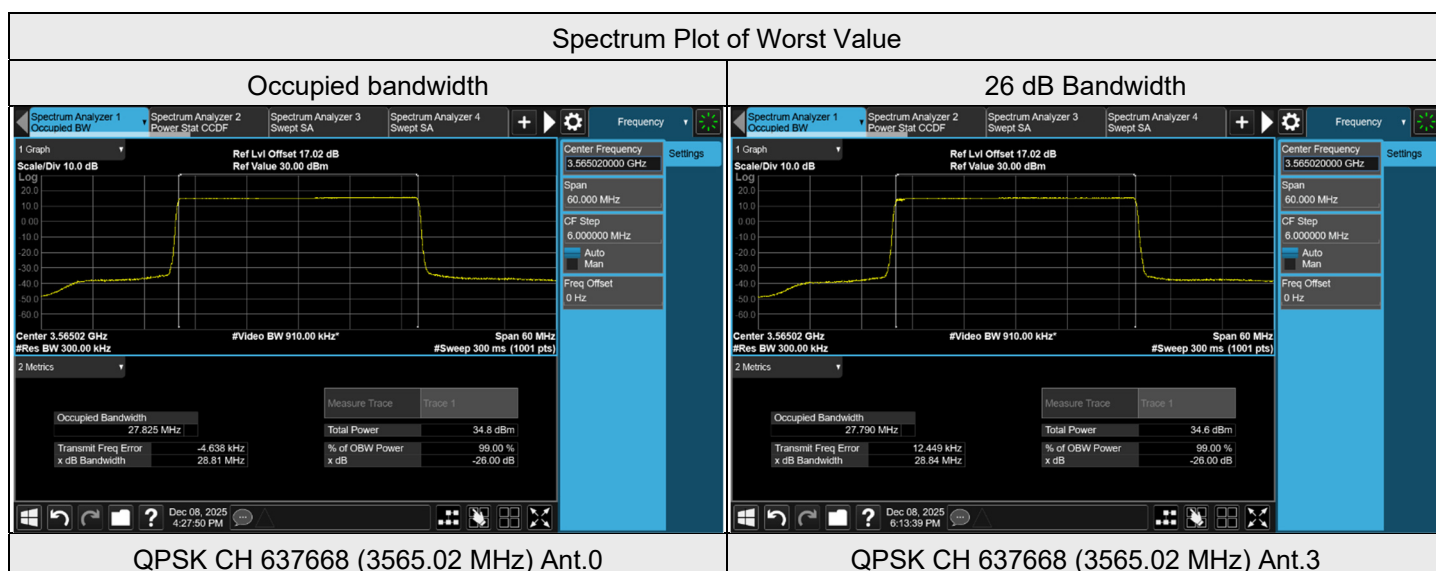
Modulation	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
			Ant.0	Ant.1	Ant.2	Ant.3
QPSK	637334	3560.01	18.91	18.91	18.89	18.87
QPSK	641666	3624.99	18.93	18.87	18.89	18.90
QPSK	646000	3690	18.90	18.89	18.90	18.89
64QAM	637334	3560.01	18.90	18.91	18.87	18.87
64QAM	641666	3624.99	18.91	18.91	18.90	18.94
64QAM	646000	3690	18.90	18.89	18.90	18.93
256QAM	637334	3560.01	18.89	18.90	18.91	18.87
256QAM	641666	3624.99	18.92	18.90	18.88	18.92
256QAM	646000	3690	18.90	18.90	18.89	18.88



1CC, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
			Ant.0	Ant.1	Ant.2	Ant.3
QPSK	637668	3565.02	27.825	27.796	27.793	27.790
QPSK	641666	3624.99	27.818	27.797	27.785	27.796
QPSK	645666	3684.99	27.814	27.790	27.792	27.795
64QAM	637668	3565.02	27.825	27.793	27.792	27.793
64QAM	641666	3624.99	27.818	27.792	27.782	27.795
64QAM	645666	3684.99	27.815	27.796	27.786	27.796
256QAM	637668	3565.02	27.823	27.789	27.780	27.791
256QAM	641666	3624.99	27.820	27.795	27.782	27.797
256QAM	645666	3684.99	27.815	27.784	27.779	27.798

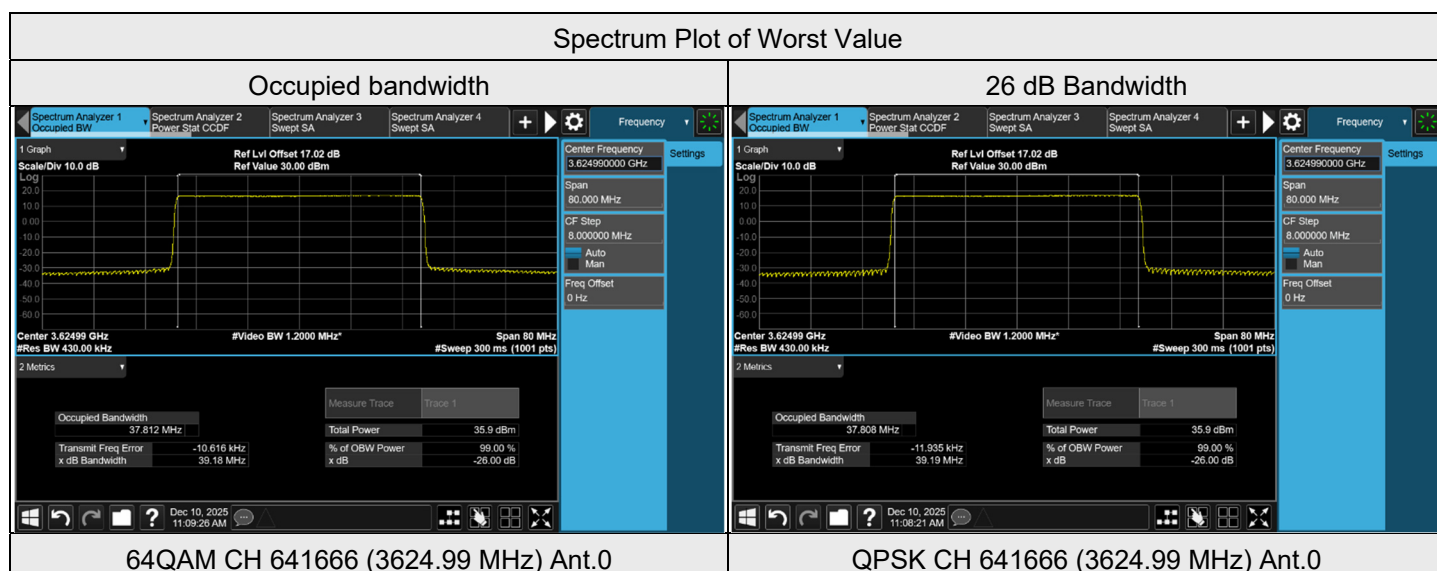
Modulation	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
			Ant.0	Ant.1	Ant.2	Ant.3
QPSK	637668	3565.02	28.81	28.84	28.81	28.84
QPSK	641666	3624.99	28.81	28.81	28.79	28.84
QPSK	645666	3684.99	28.82	28.82	28.81	28.83
64QAM	637668	3565.02	28.83	28.80	28.81	28.79
64QAM	641666	3624.99	28.83	28.82	28.80	28.84
64QAM	645666	3684.99	28.83	28.80	28.83	28.82
256QAM	637668	3565.02	28.81	28.82	28.81	28.81
256QAM	641666	3624.99	28.83	28.82	28.80	28.83
256QAM	645666	3684.99	28.81	28.81	28.80	28.79



1CC, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
			Ant.0	Ant.1	Ant.2	Ant.3
QPSK	638000	3570	37.784	37.768	37.761	37.756
QPSK	641666	3624.99	37.808	37.782	37.769	37.776
QPSK	645332	3679.98	37.794	37.769	37.769	37.767
64QAM	638000	3570	37.787	37.763	37.759	37.771
64QAM	641666	3624.99	37.812	37.779	37.775	37.774
64QAM	645332	3679.98	37.795	37.768	37.761	37.771
256QAM	638000	3570	37.791	37.773	37.757	37.762
256QAM	641666	3624.99	37.809	37.782	37.770	37.782
256QAM	645332	3679.98	37.797	37.769	37.756	37.769

Modulation	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
			Ant.0	Ant.1	Ant.2	Ant.3
QPSK	638000	3570	39.17	39.17	39.18	39.17
QPSK	641666	3624.99	39.19	39.18	39.18	39.19
QPSK	645332	3679.98	39.18	39.17	39.18	39.17
64QAM	638000	3570	39.18	39.18	39.18	39.17
64QAM	641666	3624.99	39.18	39.19	39.18	39.17
64QAM	645332	3679.98	39.19	39.19	39.18	39.18
256QAM	638000	3570	39.17	39.17	39.18	39.17
256QAM	641666	3624.99	39.18	39.17	39.19	39.18
256QAM	645332	3679.98	39.18	39.18	39.16	39.18



2CC-contiguous, Channel Bandwidth: 10 MHz + 20 MHz

Modulation	Channel		Frequency (MHz)	Occupied Bandwidth (MHz)			
				Ant.0	Ant.1	Ant.2	Ant.3
QPSK	Low	637000	3555	8.566	8.563	8.562	8.559
		640000	3600	18.199	18.173	18.173	18.180
		Total		26.765	26.736	26.735	26.739
	Middle	640000	3600	8.565	8.562	8.562	8.560
		643000	3645	18.201	18.174	18.169	18.173
		Total		26.766	26.736	26.731	26.733
	High	643000	3645	8.567	8.561	8.560	8.559
		646000	3690	18.188	18.168	18.172	18.172
		Total		26.755	26.729	26.732	26.731
64QAM	Low	637000	3555	8.567	8.560	8.561	8.558
		640000	3600	18.195	18.171	18.177	18.180
		Total		26.762	26.731	26.738	26.738
	Middle	640000	3600	8.565	8.561	8.564	8.561
		643000	3645	18.196	18.180	18.181	18.180
		Total		26.761	26.741	26.745	26.741
	High	643000	3645	8.565	8.560	8.562	8.558
		646000	3690	18.187	18.164	18.169	18.170
		Total		26.752	26.724	26.731	26.728
256QAM	Low	637000	3555	8.567	8.562	8.563	8.558
		640000	3600	18.193	18.165	18.178	18.174
		Total		26.760	26.727	26.741	26.732
	Middle	640000	3600	8.566	8.561	8.563	8.560
		643000	3645	18.195	18.181	18.179	18.173
		Total		26.761	26.742	26.742	26.733
	High	643000	3645	8.567	8.561	8.558	8.560
		646000	3690	18.186	18.166	18.168	18.169
		Total		26.753	26.727	26.726	26.729

Modulation	Channel		Frequency (MHz)	26 dB Bandwidth (MHz)			
				Ant.0	Ant.1	Ant.2	Ant.3
QPSK	Low	637000	3555	9.12	9.06	9.11	9.07
		640000	3600	18.91	18.88	18.87	18.92
		Total		28.03	27.94	27.98	27.99
	Middle	640000	3600	9.07	9.08	9.07	9.07
		643000	3645	18.91	18.87	18.88	18.88
		Total		27.98	27.95	27.95	27.95
	High	643000	3645	9.08	9.09	9.13	9.11
		646000	3690	18.96	18.89	18.91	18.92
		Total		28.04	27.98	28.04	28.03
64QAM	Low	637000	3555	9.12	9.09	9.11	9.06
		640000	3600	18.92	18.89	18.88	18.92
		Total		28.04	27.98	27.99	27.98
	Middle	640000	3600	9.13	9.11	9.12	9.07
		643000	3645	18.88	18.90	18.92	18.90
		Total		28.01	28.01	28.04	27.97
	High	643000	3645	9.12	9.11	9.14	9.15
		646000	3690	18.91	18.88	18.92	18.91
		Total		28.03	27.99	28.06	28.06
256QAM	Low	637000	3555	9.12	9.10	9.09	9.05
		640000	3600	18.96	18.86	18.89	18.94
		Total		28.08	27.96	27.98	27.99
	Middle	640000	3600	9.08	9.08	9.12	9.06
		643000	3645	18.88	18.90	18.89	18.92
		Total		27.96	27.98	28.01	27.98
	High	643000	3645	9.09	9.07	9.09	9.12
		646000	3690	18.92	18.87	18.88	18.88
		Total		28.01	27.94	27.97	28.00