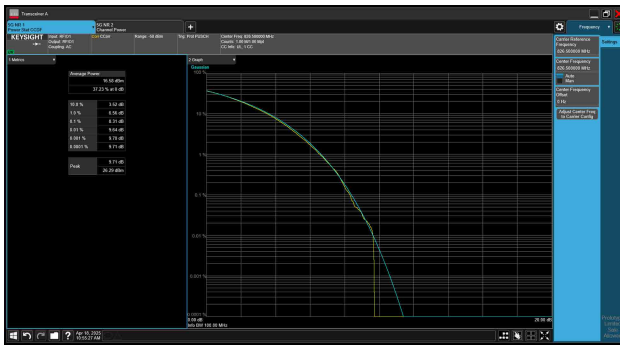
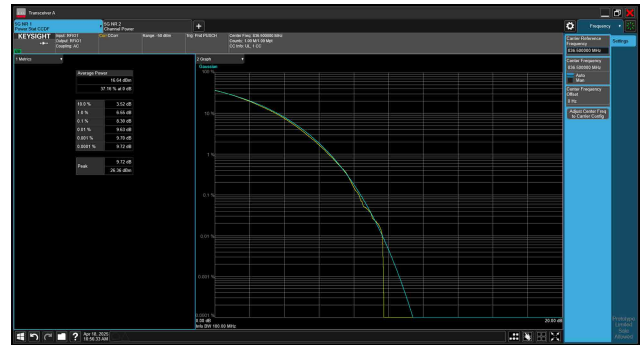


5MHz – 256QAM

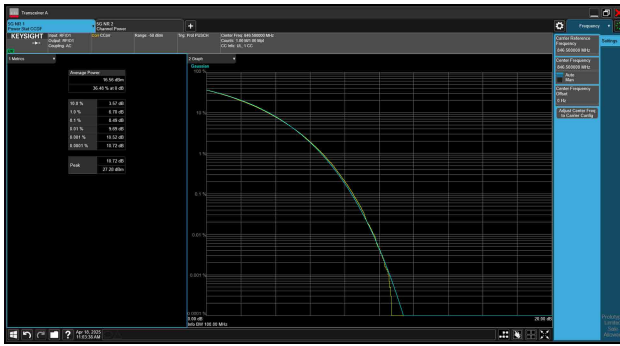
Low Channel



Middle Channel

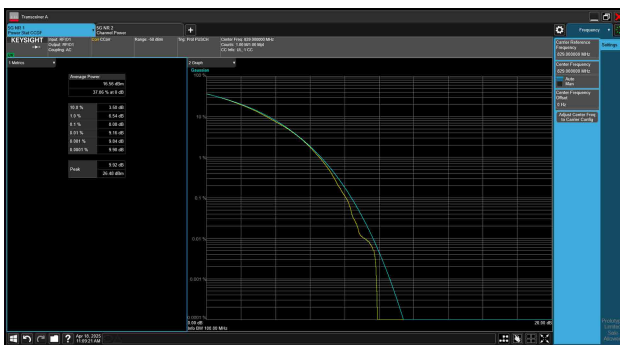


High Channel

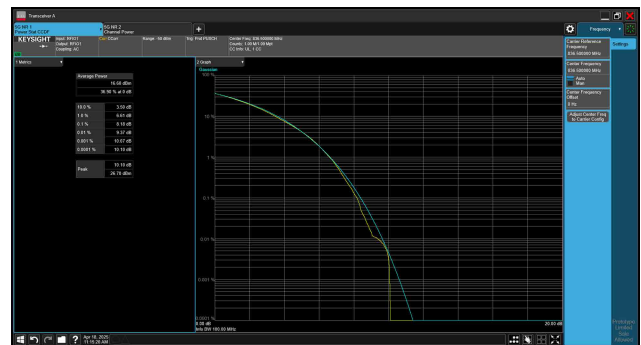


10MHz – 256QAM

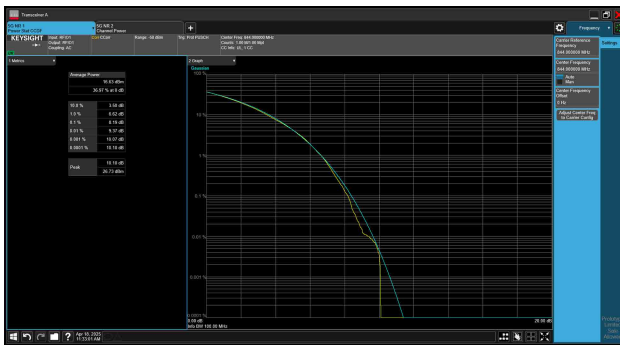
Low Channel



Middle Channel

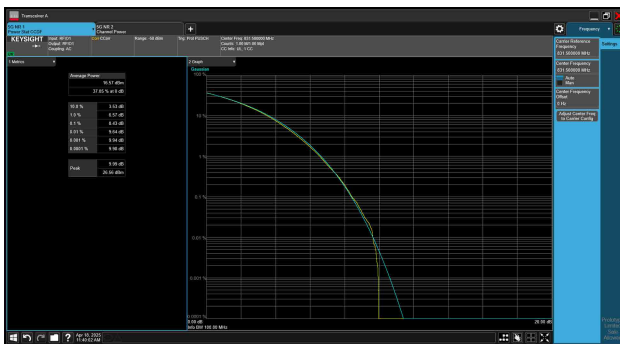


High Channel

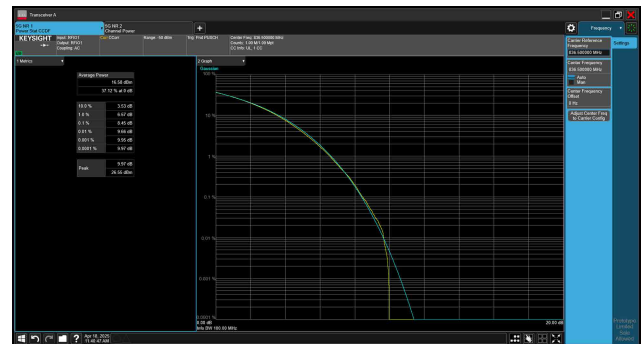


15MHz – 256QAM

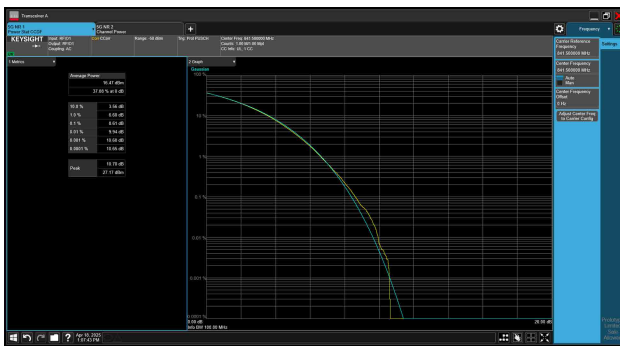
Low Channel



Middle Channel

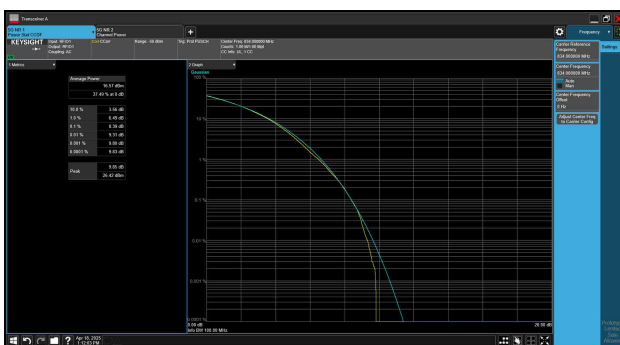


High Channel

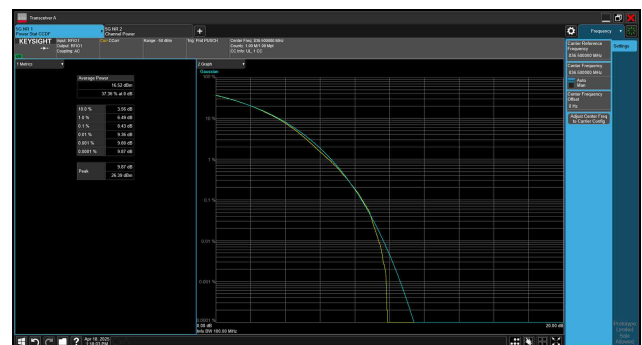


20MHz – 256QAM

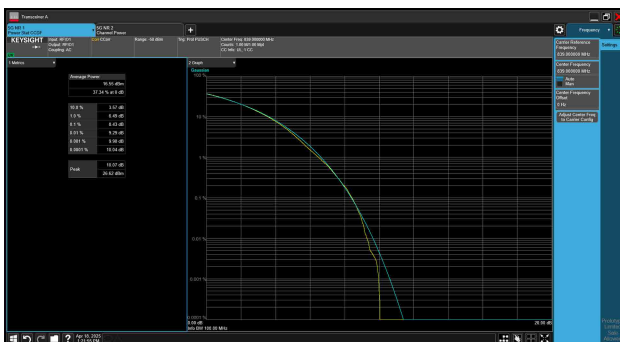
Low Channel



Middle Channel



High Channel



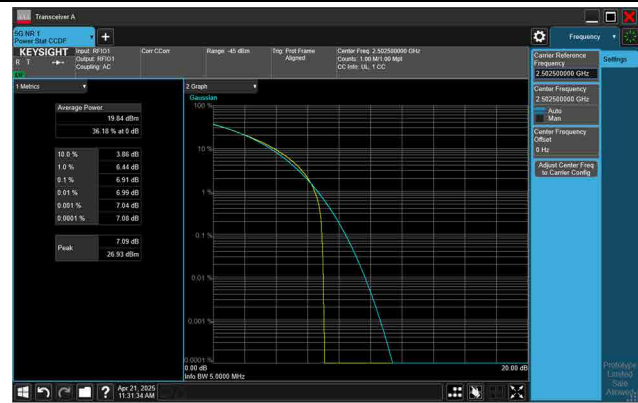
Test Site	WJ-SR11 & SIP-SR1	Test Engineer	Lucas Wang & Yoniter Yang
Test Date	2025-04-21	Test Band	n7_SA

Channel Bandwidth (MHz)	Frequency (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
5	2502.5	6.91	≤ 13.00	Pass
	2535	6.33	≤ 13.00	Pass
	2567.5	6.92	≤ 13.00	Pass
10	2505	7.05	≤ 13.00	Pass
	2535	6.49	≤ 13.00	Pass
	2565	6.99	≤ 13.00	Pass
15	2507.5	6.95	≤ 13.00	Pass
	2535	6.57	≤ 13.00	Pass
	2562.5	6.96	≤ 13.00	Pass
20	2510	7.25	≤ 13.00	Pass
	2535	7.04	≤ 13.00	Pass
	2560	6.76	≤ 13.00	Pass
16QAM				
5	2502.5	6.82	≤ 13.00	Pass
	2535	6.74	≤ 13.00	Pass
	2567.5	6.86	≤ 13.00	Pass
10	2505	7.14	≤ 13.00	Pass
	2535	6.62	≤ 13.00	Pass
	2565	7.03	≤ 13.00	Pass
15	2507.5	7.39	≤ 13.00	Pass
	2535	6.82	≤ 13.00	Pass
	2562.5	6.84	≤ 13.00	Pass
20	2510	7.18	≤ 13.00	Pass
	2535	6.69	≤ 13.00	Pass
	2560	6.54	≤ 13.00	Pass
64QAM				
5	2502.5	7.33	≤ 13.00	Pass
	2535	6.76	≤ 13.00	Pass
	2567.5	7.32	≤ 13.00	Pass

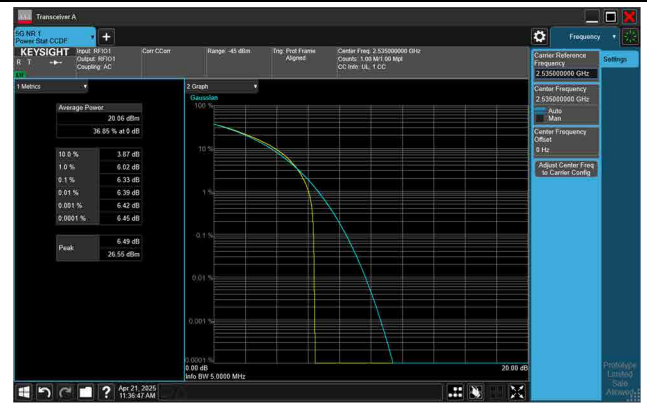
10	2505	7.13	≤ 13.00	Pass
	2535	6.66	≤ 13.00	Pass
	2565	7.00	≤ 13.00	Pass
15	2507.5	7.47	≤ 13.00	Pass
	2535	6.98	≤ 13.00	Pass
	2562.5	7.35	≤ 13.00	Pass
20	2510	7.26	≤ 13.00	Pass
	2535	7.18	≤ 13.00	Pass
	2560	7.24	≤ 13.00	Pass
256QAM				
5	2502.5	8.60	≤ 13.00	Pass
	2535	8.52	≤ 13.00	Pass
	2567.5	8.69	≤ 13.00	Pass
10	2505	8.61	≤ 13.00	Pass
	2535	8.35	≤ 13.00	Pass
	2565	8.48	≤ 13.00	Pass
15	2507.5	8.66	≤ 13.00	Pass
	2535	8.43	≤ 13.00	Pass
	2562.5	8.54	≤ 13.00	Pass
20	2510	8.79	≤ 13.00	Pass
	2535	8.65	≤ 13.00	Pass
	2560	8.70	≤ 13.00	Pass

5MHz – QPSK

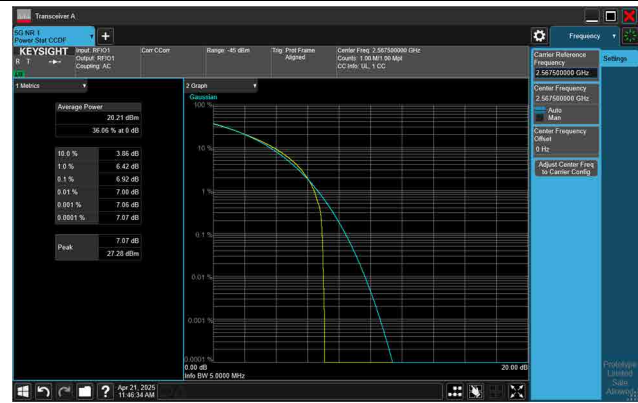
Low Channel



Middle Channel

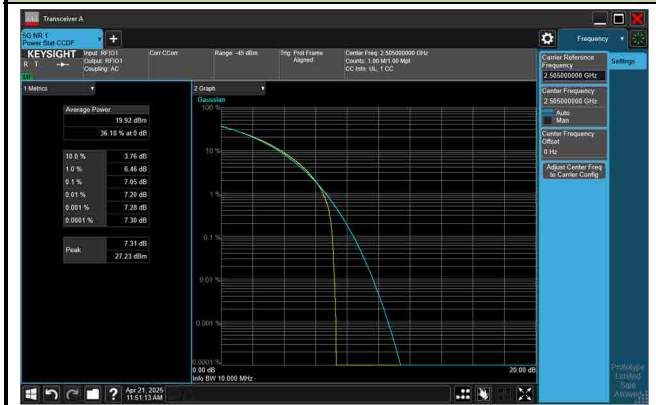


High Channel

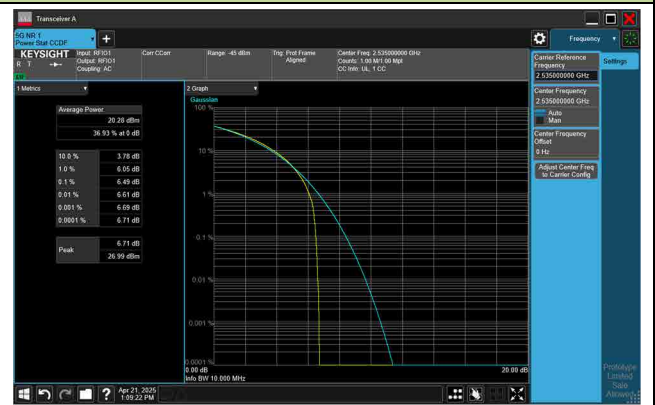


10MHz – QPSK

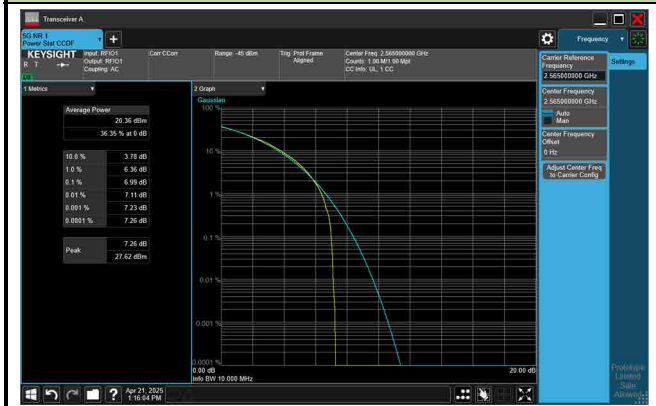
Low Channel



Middle Channel

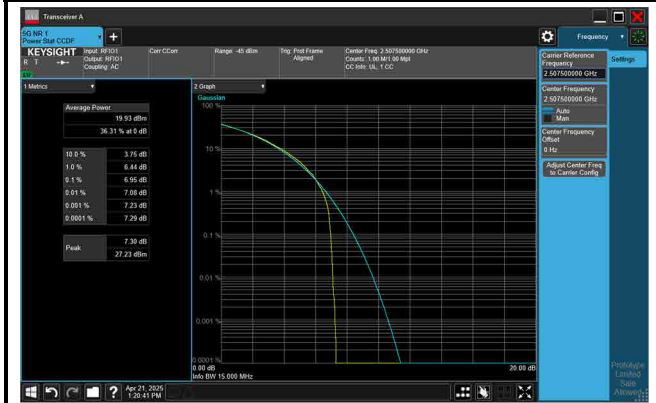


High Channel

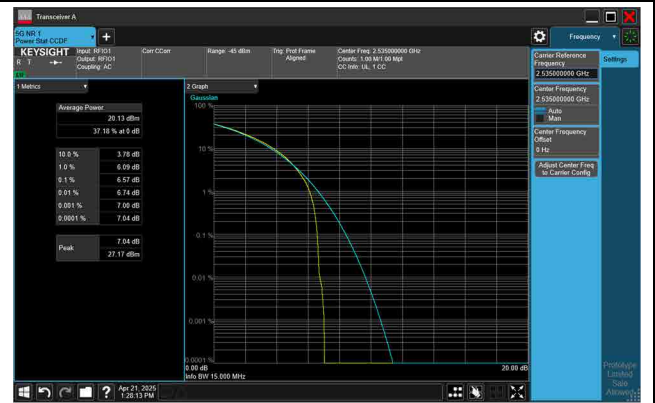


15MHz – QPSK

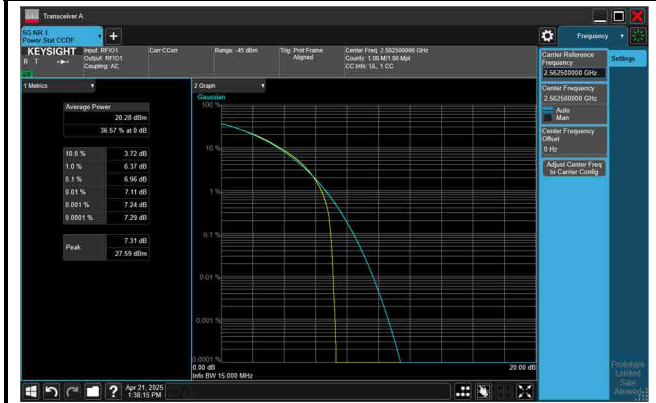
Low Channel



Middle Channel

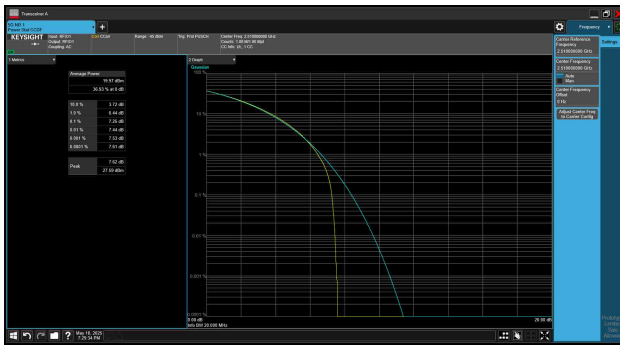


High Channel

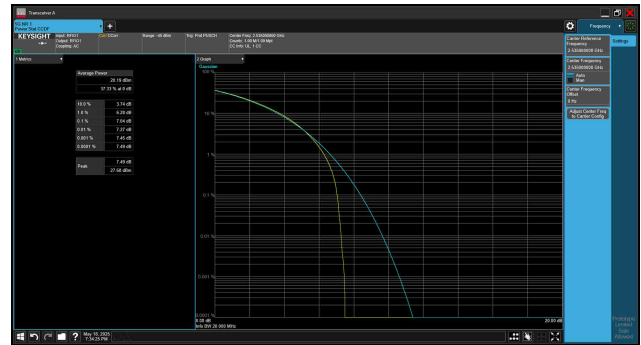


20MHz – QPSK

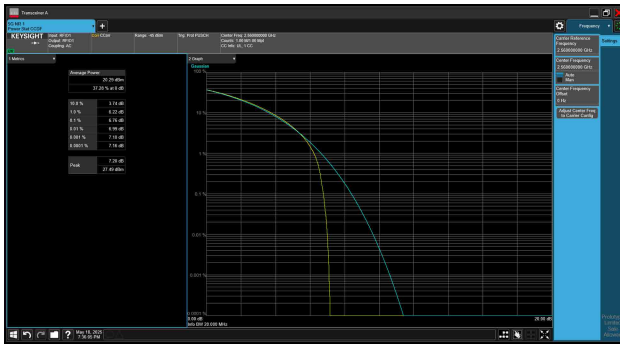
Low Channel



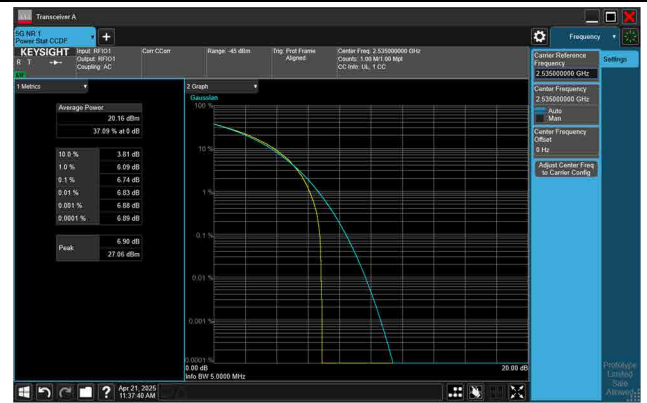
Middle Channel



High Channel

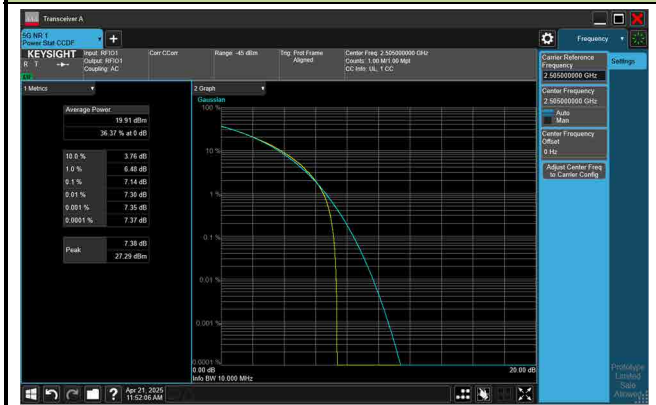


Middle Channel

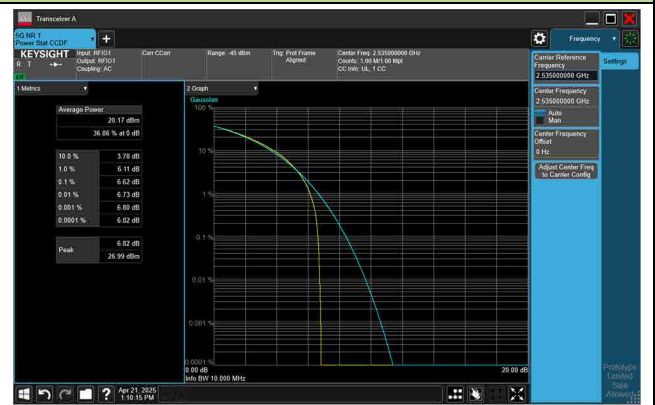
[illegible]

10MHz – 16QAM

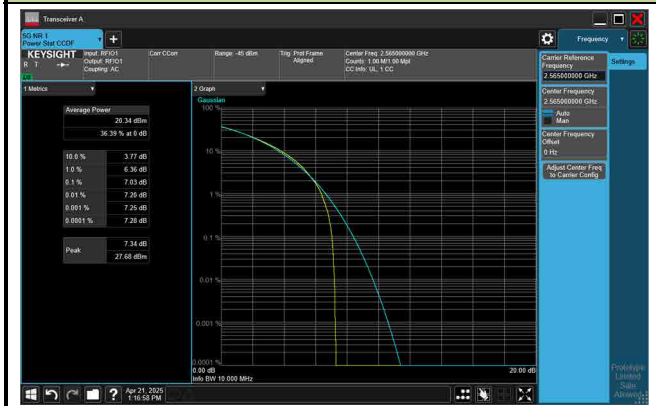
Low Channel



Middle Channel

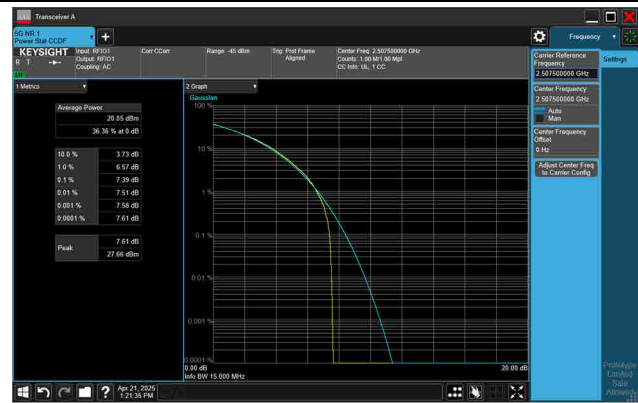


High Channel

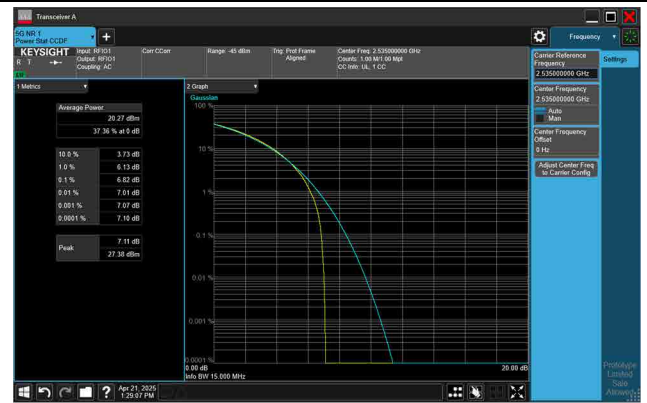


15MHz – 16QAM

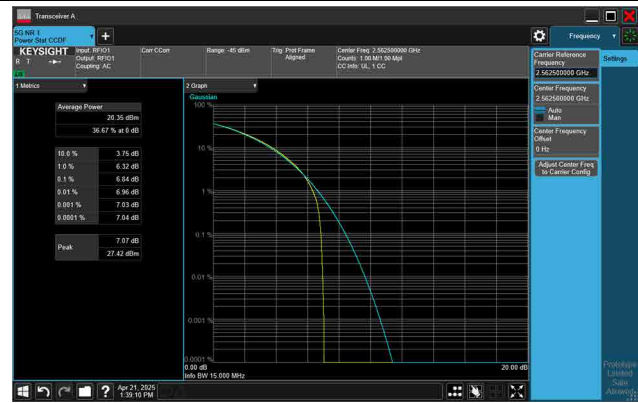
Low Channel



Middle Channel

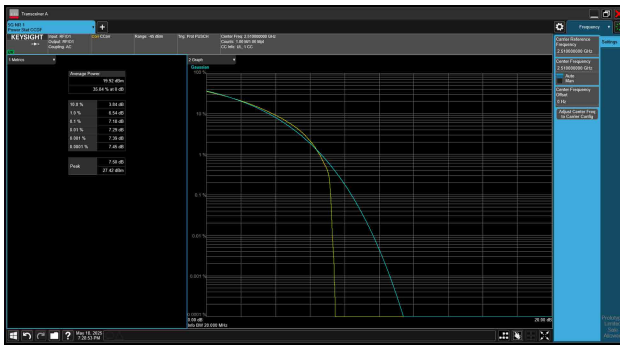


High Channel

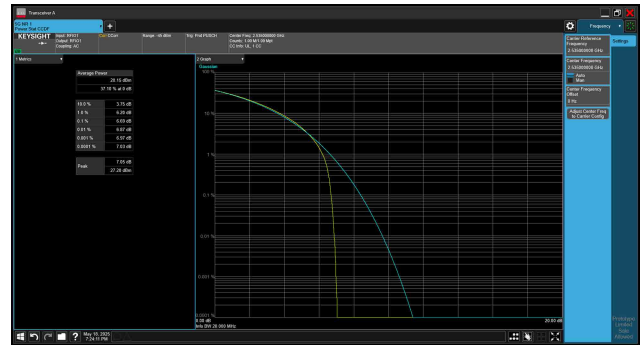


20MHz – 16QAM

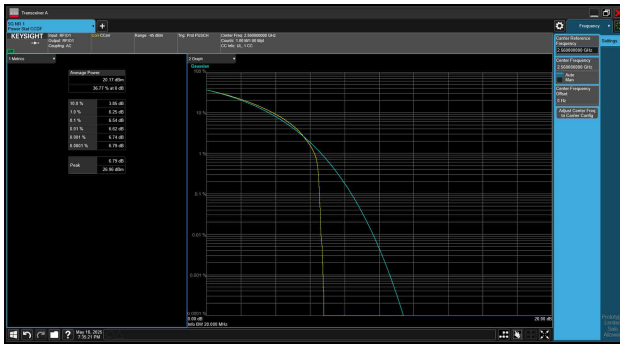
Low Channel



Middle Channel

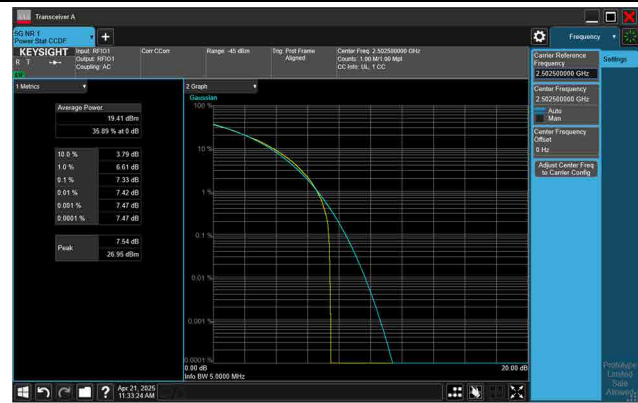


High Channel

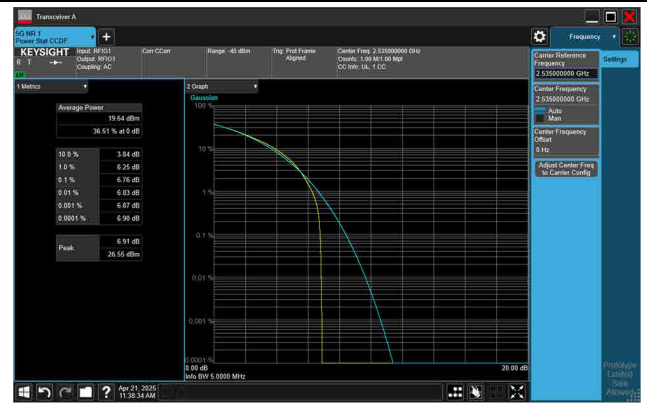


5MHz – 64QAM

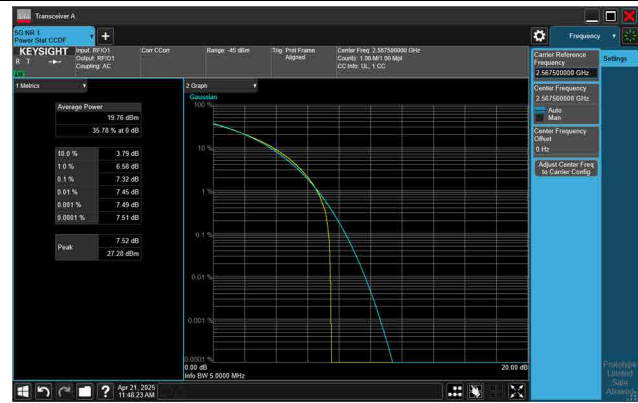
Low Channel



Middle Channel

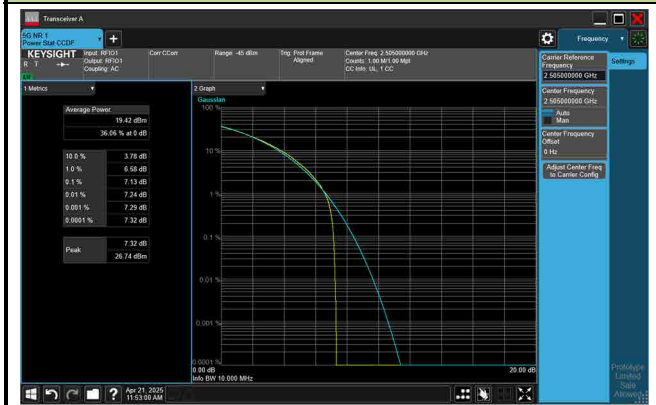


High Channel

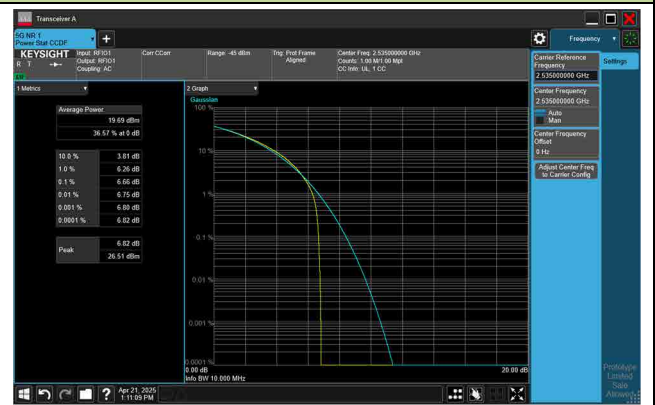


10MHz – 64QAM

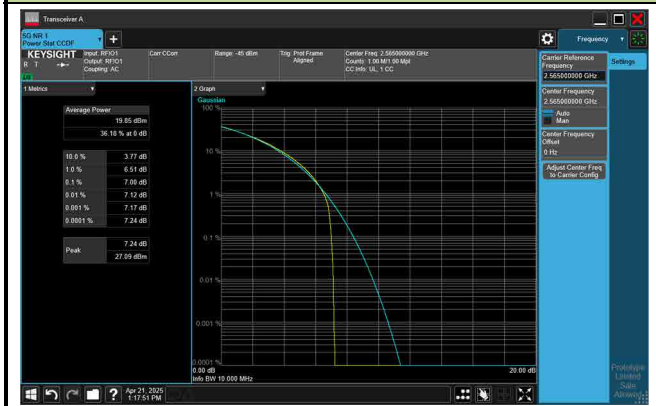
Low Channel



Middle Channel

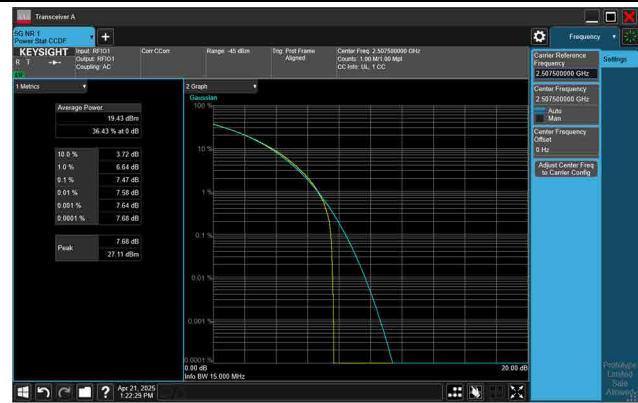


High Channel

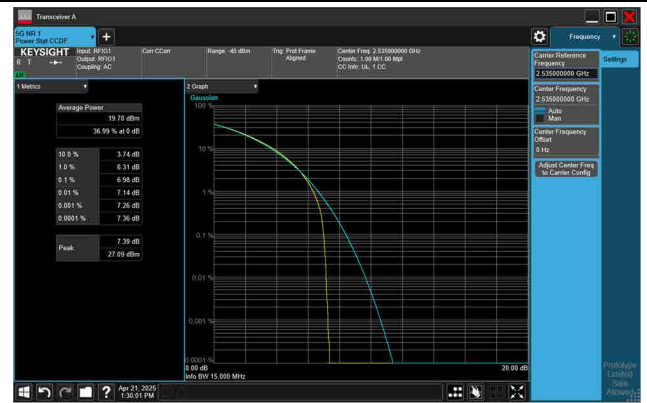


15MHz – 64QAM

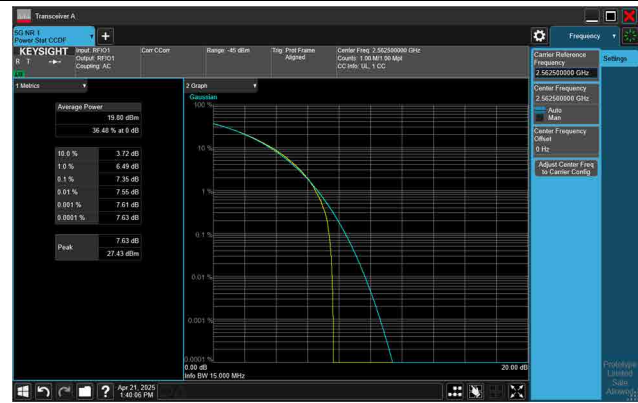
Low Channel



Middle Channel

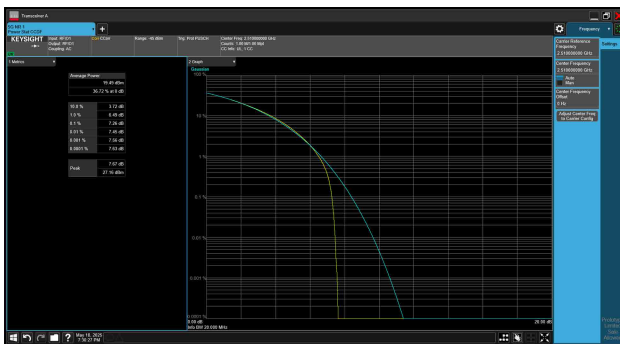


High Channel

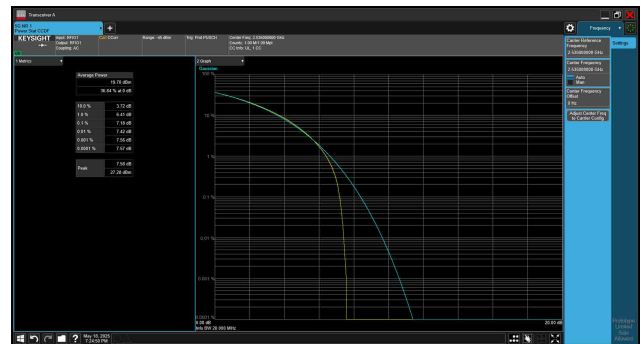


20MHz – 64QAM

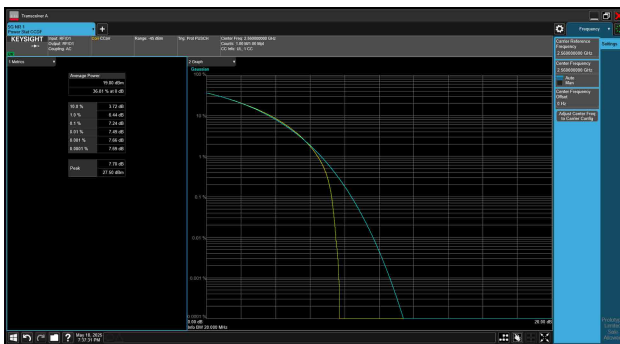
Low Channel



Middle Channel

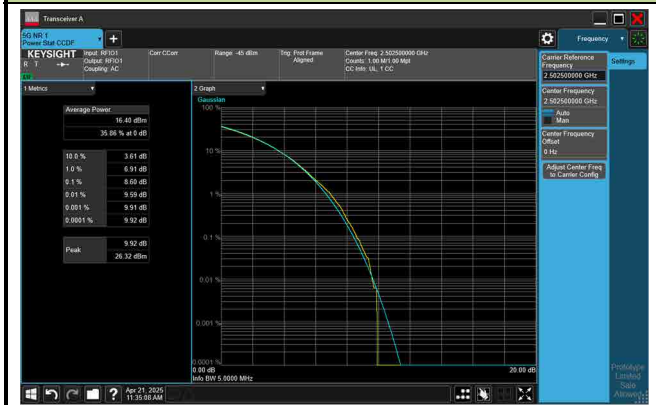


High Channel

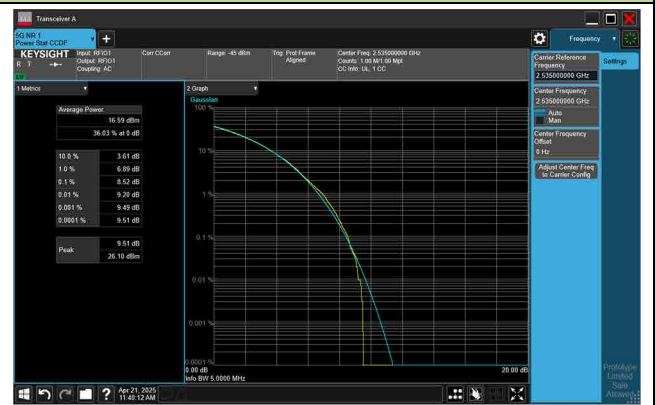


5MHz – 256QAM

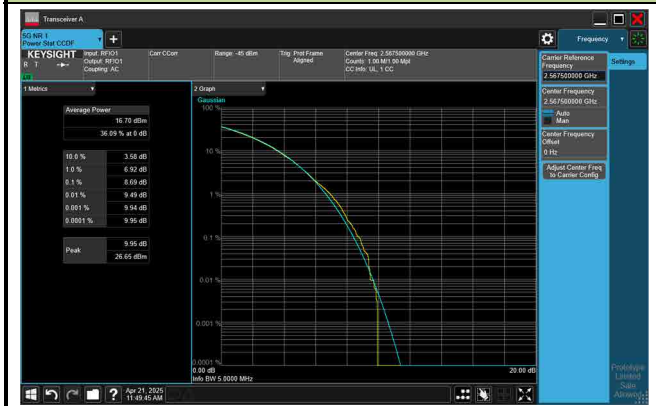
Low Channel



Middle Channel

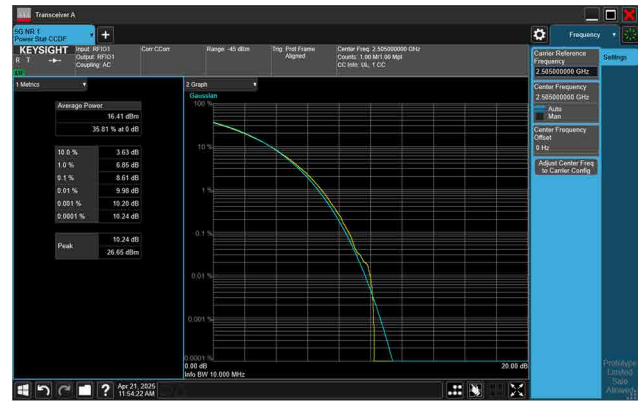


High Channel

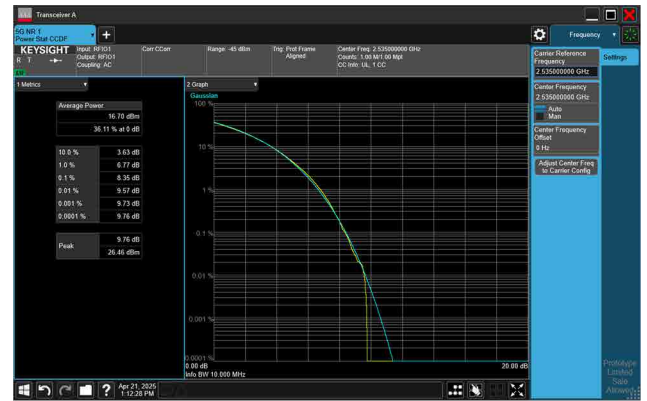


10MHz – 256QAM

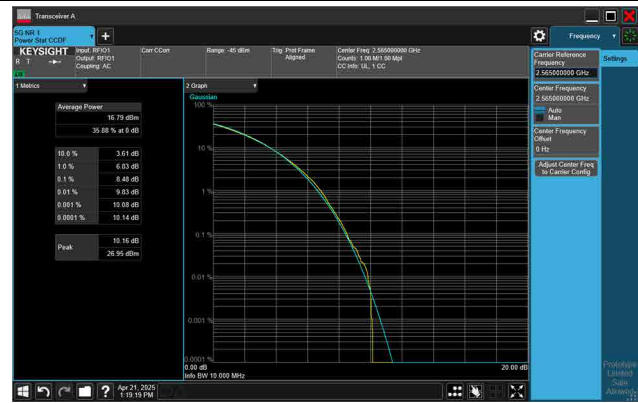
Low Channel



Middle Channel

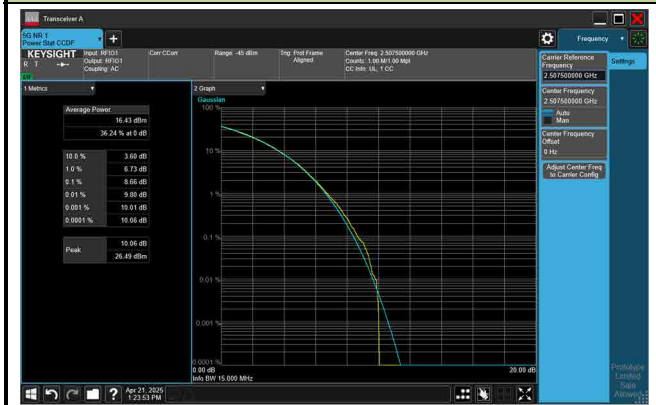


High Channel

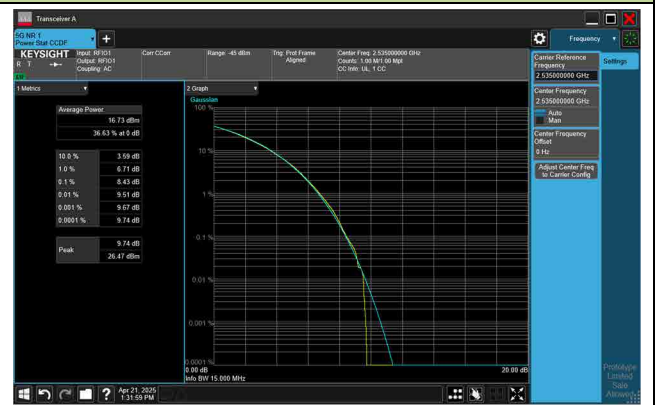


15MHz – 256QAM

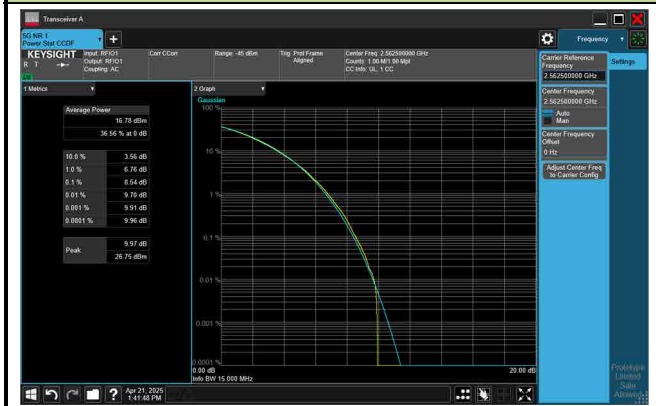
Low Channel



Middle Channel

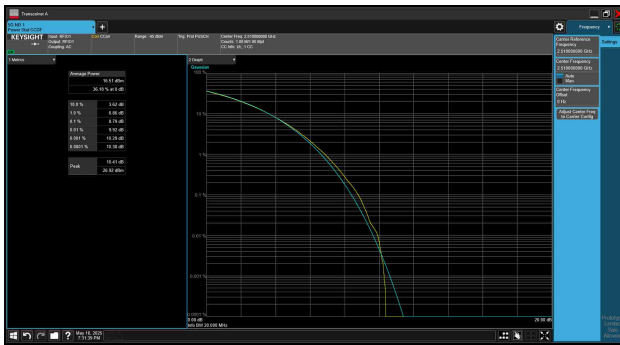


High Channel

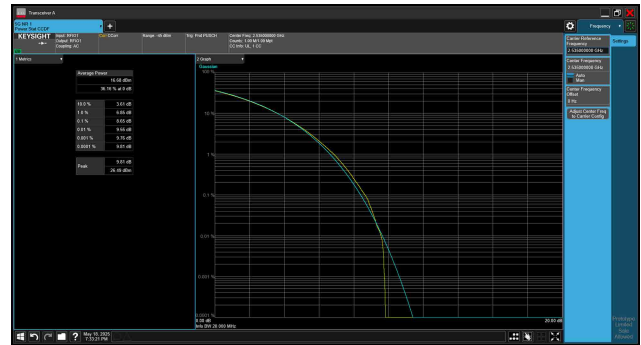


20MHz – 256QAM

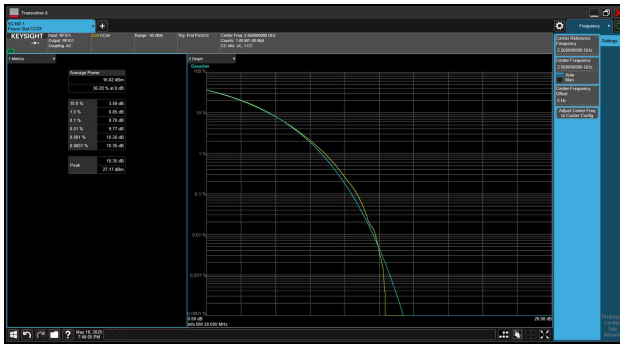
Low Channel



Middle Channel



High Channel



Test Site	WJ-SR11 & SIP-SR1	Test Engineer	Lucas Wang & Yoniter Yang
Test Date	2025-04-21 ~ 2025-04-22	Test Band	n38/41_SA

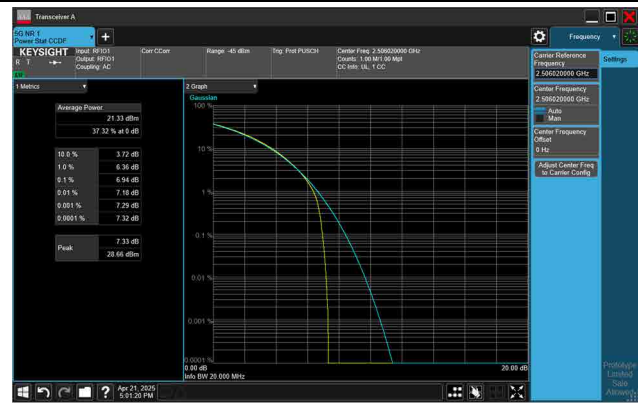
Channel Bandwidth (MHz)	Frequency (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
20	2506.02	6.94	≤ 13.00	Pass
	2592.99	7.46	≤ 13.00	Pass
	2679.99	6.93	≤ 13.00	Pass
30	2511	7.37	≤ 13.00	Pass
	2592.99	7.55	≤ 13.00	Pass
	2674.98	6.90	≤ 13.00	Pass
40	2516.01	6.90	≤ 13.00	Pass
	2592.99	7.42	≤ 13.00	Pass
	2670	7.06	≤ 13.00	Pass
50	2521.02	6.94	≤ 13.00	Pass
	2592.99	7.84	≤ 13.00	Pass
	2664.99	7.00	≤ 13.00	Pass
60	2526	7.25	≤ 13.00	Pass
	2592.99	7.34	≤ 13.00	Pass
	2659.98	7.22	≤ 13.00	Pass
80	2536.02	7.18	≤ 13.00	Pass
	2592.99	7.41	≤ 13.00	Pass
	2649.99	7.17	≤ 13.00	Pass
90	2541	7.57	≤ 13.00	Pass
	2592.99	7.71	≤ 13.00	Pass
	2644.98	7.94	≤ 13.00	Pass
100	2546.01	7.23	≤ 13.00	Pass
	2592.99	7.13	≤ 13.00	Pass
	2640	7.91	≤ 13.00	Pass
16QAM				
20	2506.02	7.13	≤ 13.00	Pass
	2592.99	7.77	≤ 13.00	Pass
	2679.99	7.02	≤ 13.00	Pass
30	2511	7.08	≤ 13.00	Pass
	2592.99	7.25	≤ 13.00	Pass
	2674.98	6.63	≤ 13.00	Pass

40	2516.01	7.17	≤ 13.00	Pass
	2592.99	7.29	≤ 13.00	Pass
	2670	6.90	≤ 13.00	Pass
50	2521.02	7.09	≤ 13.00	Pass
	2592.99	7.62	≤ 13.00	Pass
	2664.99	6.84	≤ 13.00	Pass
60	2526	6.95	≤ 13.00	Pass
	2592.99	7.62	≤ 13.00	Pass
	2659.98	6.94	≤ 13.00	Pass
80	2536.02	7.16	≤ 13.00	Pass
	2592.99	7.99	≤ 13.00	Pass
	2649.99	6.89	≤ 13.00	Pass
90	2541	7.56	≤ 13.00	Pass
	2592.99	7.67	≤ 13.00	Pass
	2644.98	7.27	≤ 13.00	Pass
100	2546.01	7.20	≤ 13.00	Pass
	2592.99	7.12	≤ 13.00	Pass
	2640	7.65	≤ 13.00	Pass
64QAM				
20	2506.02	7.38	≤ 13.00	Pass
	2592.99	7.96	≤ 13.00	Pass
	2679.99	6.97	≤ 13.00	Pass
30	2511	7.10	≤ 13.00	Pass
	2592.99	7.83	≤ 13.00	Pass
	2674.98	6.87	≤ 13.00	Pass
40	2516.01	7.72	≤ 13.00	Pass
	2592.99	8.11	≤ 13.00	Pass
	2670	6.88	≤ 13.00	Pass
50	2521.02	7.55	≤ 13.00	Pass
	2592.99	7.72	≤ 13.00	Pass
	2664.99	7.66	≤ 13.00	Pass
60	2526	7.65	≤ 13.00	Pass
	2592.99	7.49	≤ 13.00	Pass
	2659.98	7.84	≤ 13.00	Pass
80	2536.02	7.65	≤ 13.00	Pass
	2592.99	7.29	≤ 13.00	Pass
	2649.99	7.61	≤ 13.00	Pass

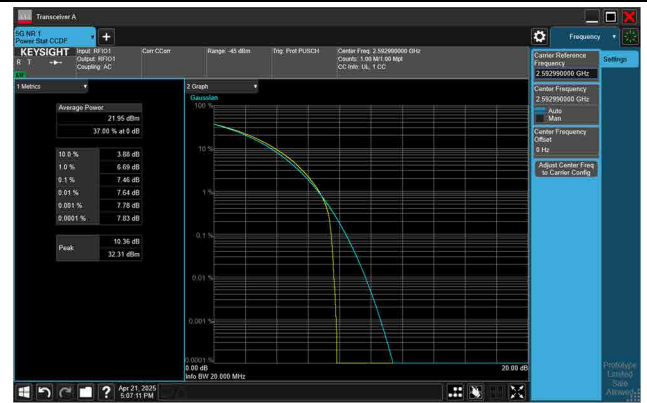
90	2541	7.98	≤ 13.00	Pass
	2592.99	7.88	≤ 13.00	Pass
	2644.98	7.81	≤ 13.00	Pass
100	2546.01	8.11	≤ 13.00	Pass
	2592.99	8.49	≤ 13.00	Pass
	2640	7.37	≤ 13.00	Pass
256QAM				
20	2506.02	8.74	≤ 13.00	Pass
	2592.99	8.97	≤ 13.00	Pass
	2679.99	8.63	≤ 13.00	Pass
30	2511	8.81	≤ 13.00	Pass
	2592.99	8.55	≤ 13.00	Pass
	2674.98	8.39	≤ 13.00	Pass
40	2516.01	8.81	≤ 13.00	Pass
	2592.99	8.91	≤ 13.00	Pass
	2670	8.53	≤ 13.00	Pass
50	2521.02	8.64	≤ 13.00	Pass
	2592.99	8.67	≤ 13.00	Pass
	2664.99	8.42	≤ 13.00	Pass
60	2526	9.54	≤ 13.00	Pass
	2592.99	8.76	≤ 13.00	Pass
	2659.98	8.73	≤ 13.00	Pass
80	2536.02	8.71	≤ 13.00	Pass
	2592.99	8.52	≤ 13.00	Pass
	2649.99	8.52	≤ 13.00	Pass
90	2541	8.98	≤ 13.00	Pass
	2592.99	8.47	≤ 13.00	Pass
	2644.98	8.98	≤ 13.00	Pass
100	2546.01	8.74	≤ 13.00	Pass
	2592.99	8.47	≤ 13.00	Pass
	2640	9.00	≤ 13.00	Pass

20MHz – QPSK

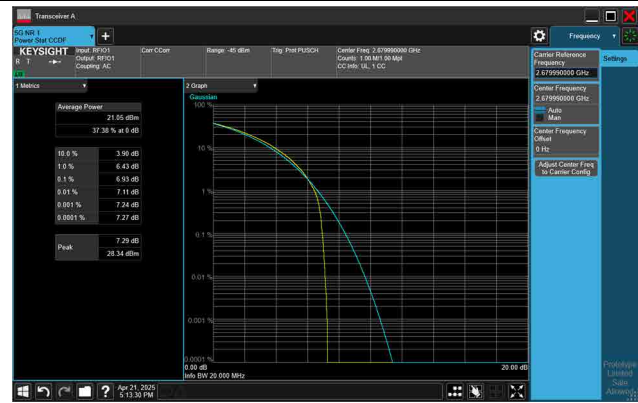
Low Channel



Middle Channel

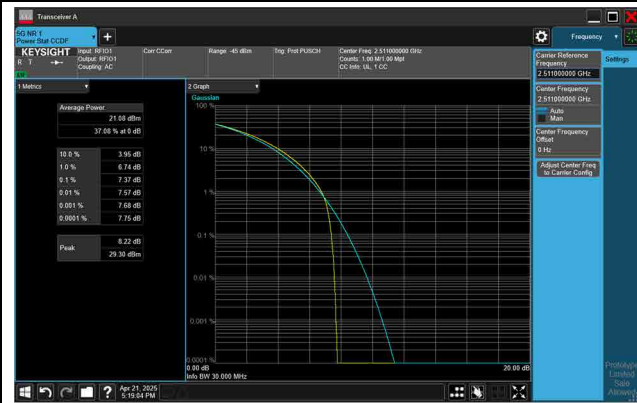


High Channel

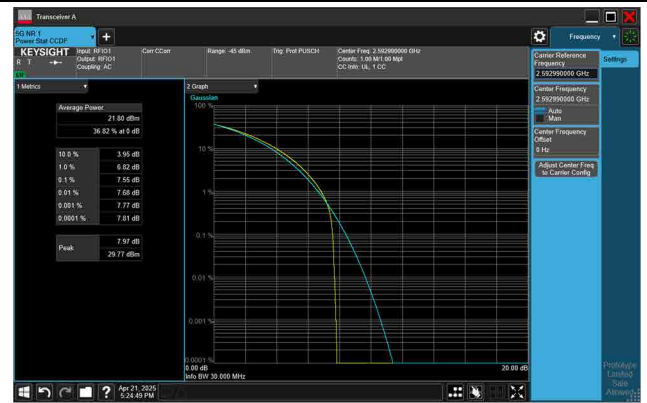


30MHz – QPSK

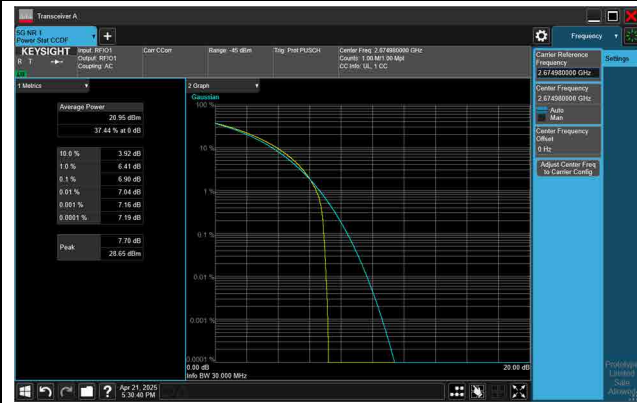
Low Channel



Middle Channel

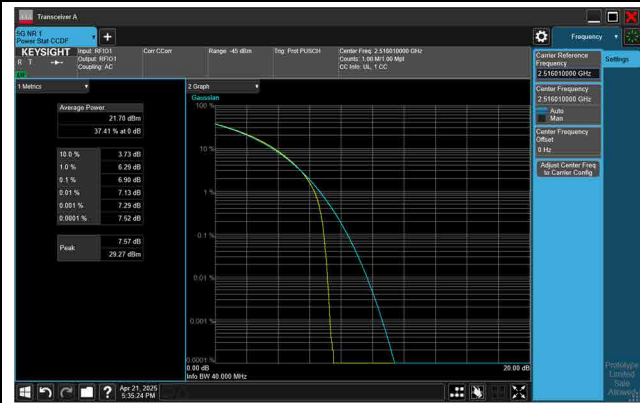


High Channel

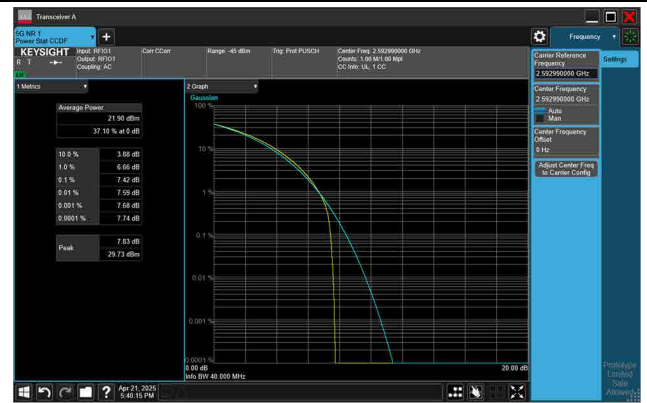


40MHz – QPSK

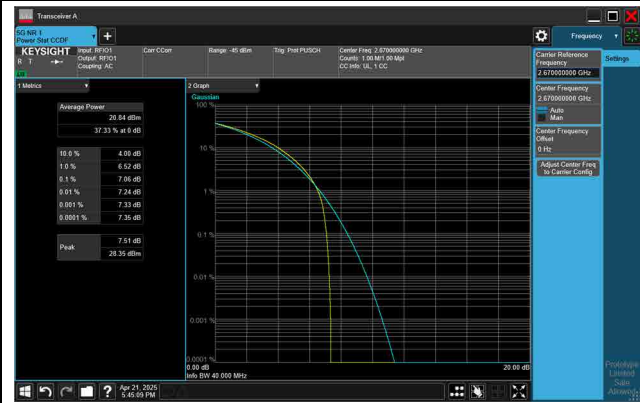
Low Channel



Middle Channel

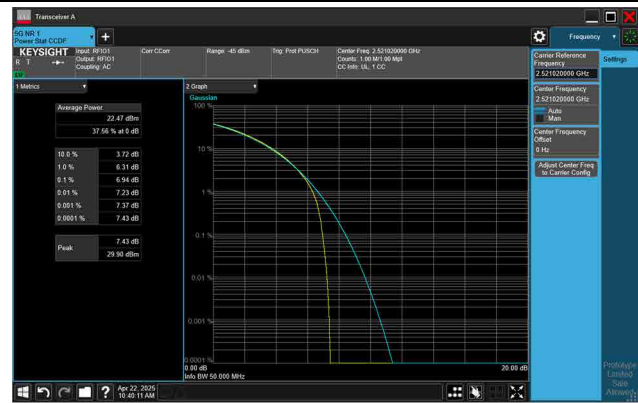


High Channel

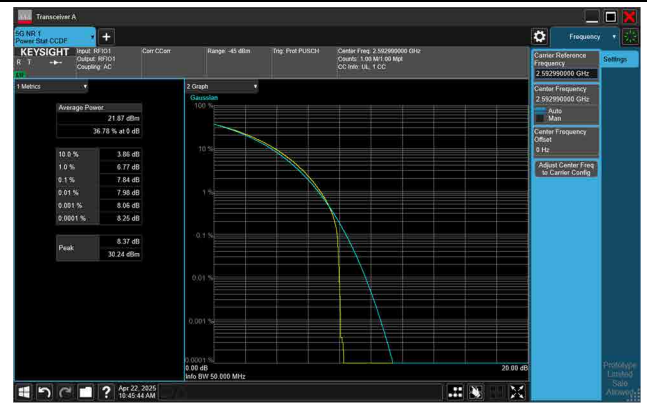


50MHz – QPSK

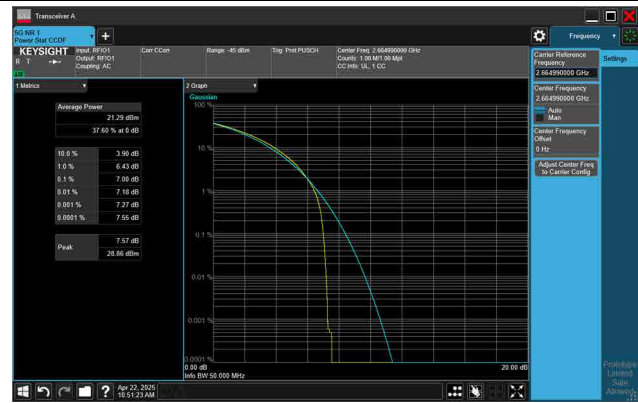
Low Channel



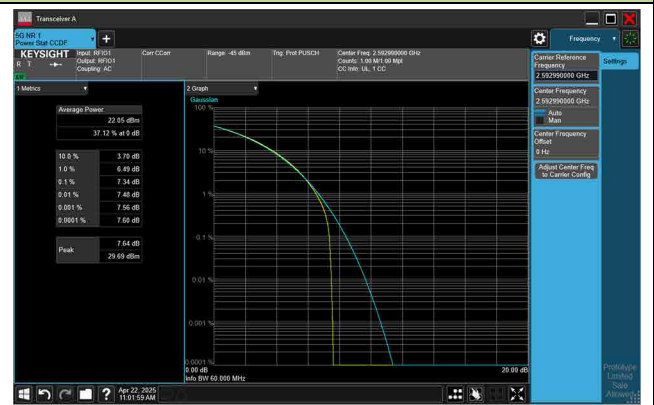
Middle Channel



High Channel



Middle Channel



The screenshot shows the Keysight N9910A Spectrum Analyzer interface. The main display is a power spectrum plot with a logarithmic y-axis (Power in dBm) and a linear x-axis (Frequency in MHz). The plot shows a signal centered at 2.65 GHz with a bandwidth of 50 MHz. The y-axis ranges from -100 to 100 dBm, and the x-axis ranges from 2.64 to 2.66 GHz. The plot shows a main signal peak at 2.65 GHz and several sideband peaks. The interface includes various control panels for frequency, span, resolution, and averaging.

Top Panel:

- Model: N9910A
- Power: 21.50 dBm
- Frequency: 2.65 GHz
- Span: 50 MHz
- Resolution: 100 kHz
- Averaging: 1

Left Panel:

- Reference: 2.65 GHz
- Frequency: 2.65 GHz
- Span: 50 MHz
- Resolution: 100 kHz
- Averaging: 1

Right Panel:

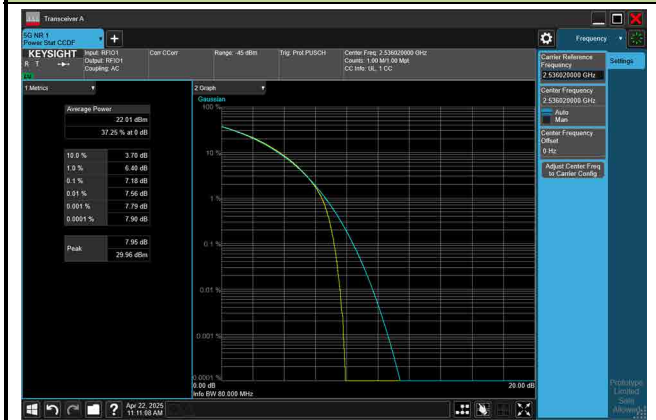
- Center Frequency: 2.65 GHz
- Span: 50 MHz
- Resolution: 100 kHz
- Averaging: 1

Main Display:

- Power Spectrum Plot (dBm vs MHz)
- Signal centered at 2.65 GHz
- Bandwidth: 50 MHz
- Resolution: 100 kHz
- Averaging: 1

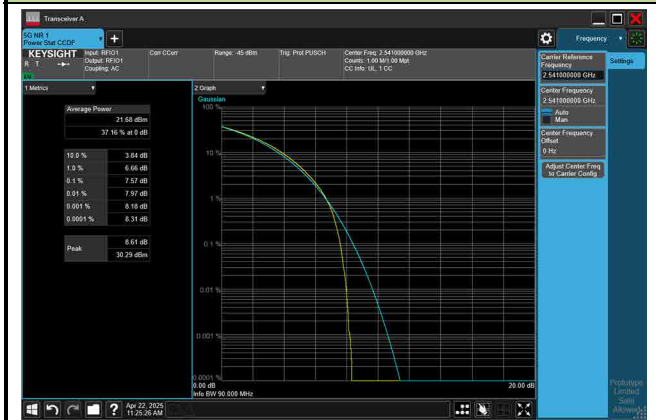
80MHz – QPSK

Low Channel

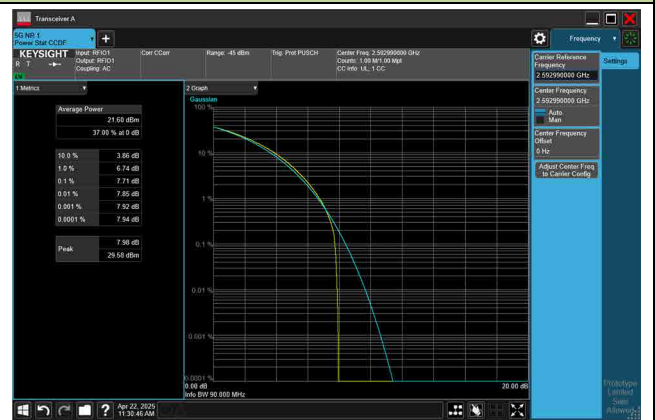


90MHz – QPSK

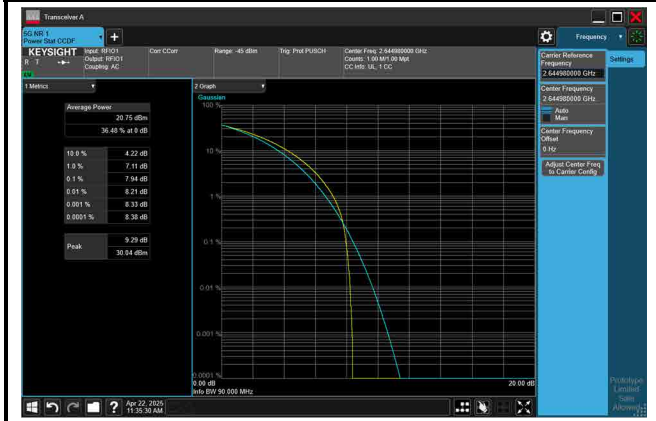
Low Channel



Middle Channel

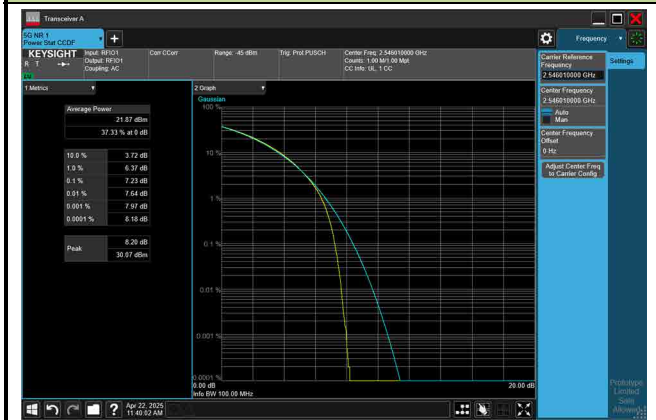


High Channel

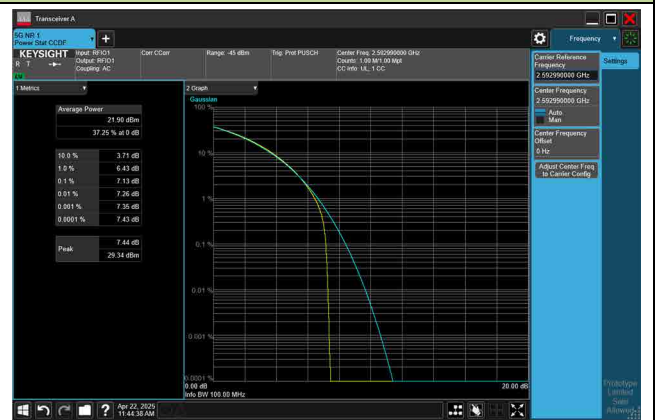


100MHz – QPSK

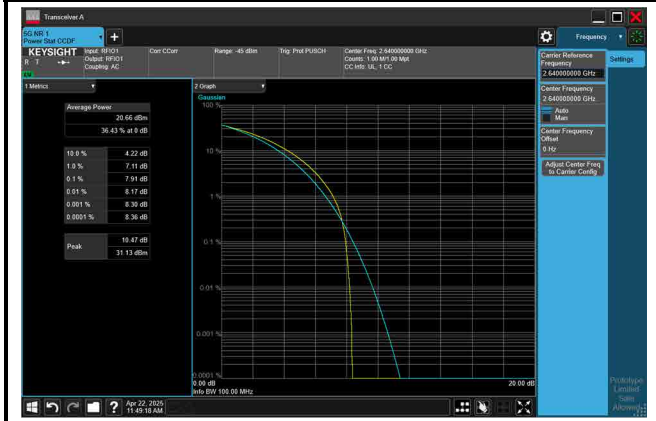
Low Channel



Middle Channel

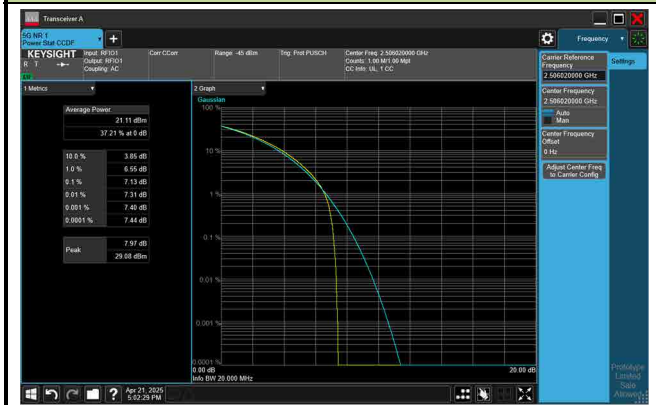


High Channel

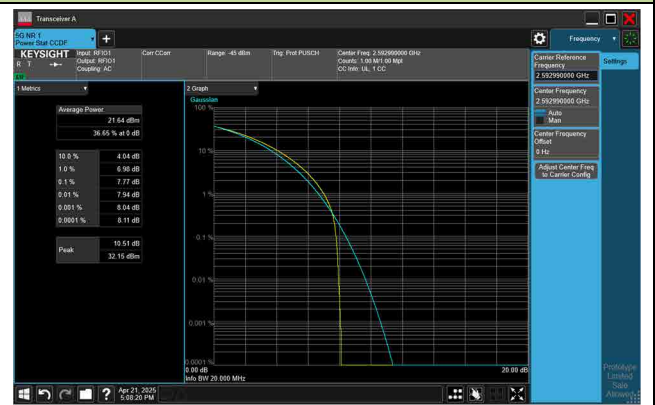


20MHz – 16QAM

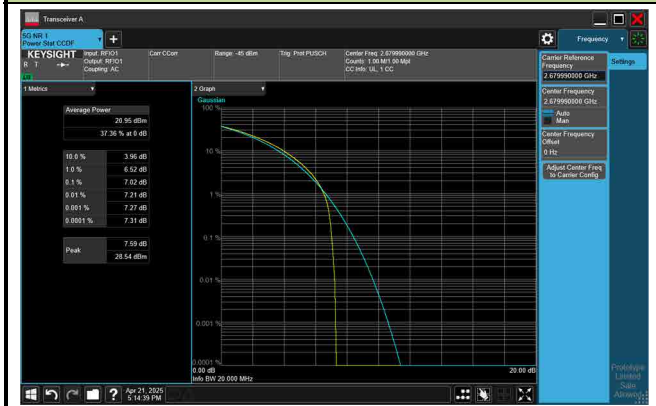
Low Channel



Middle Channel



High Channel

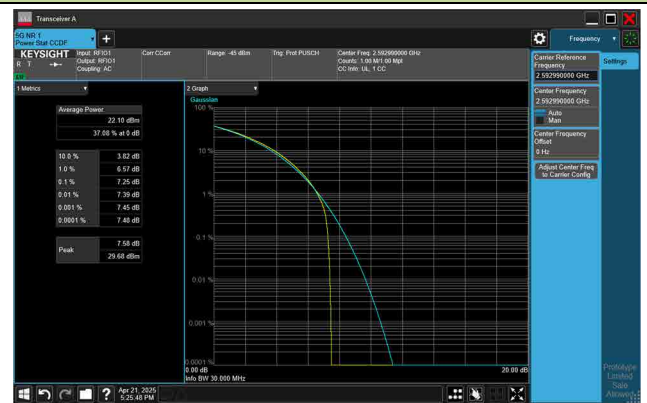


30MHz – 16QAM

Low Channel



Middle Channel

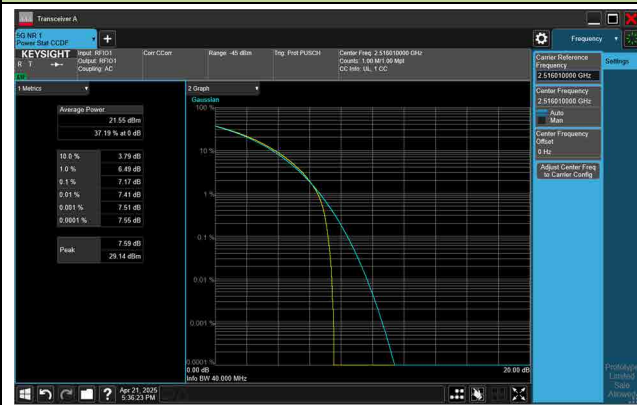


High Channel

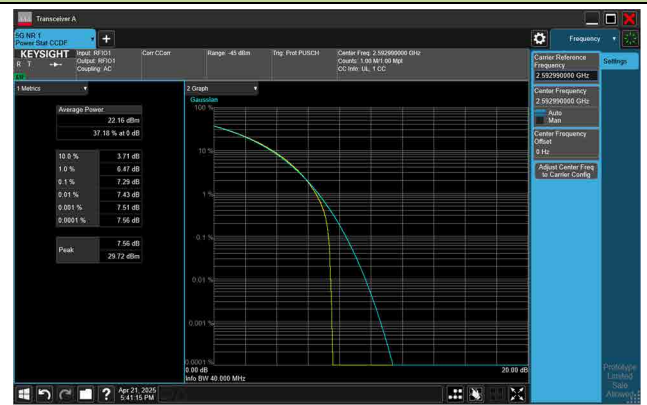


40MHz – 16QAM

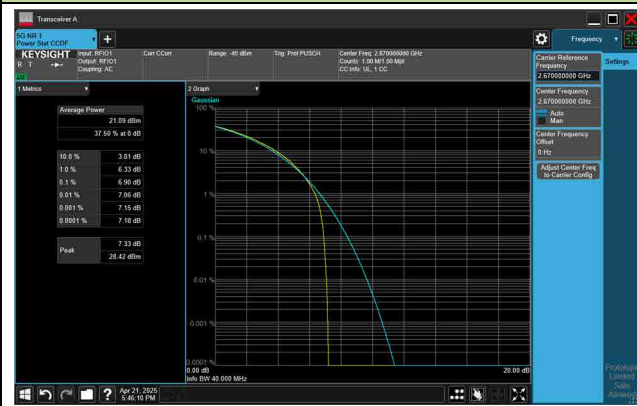
Low Channel



Middle Channel

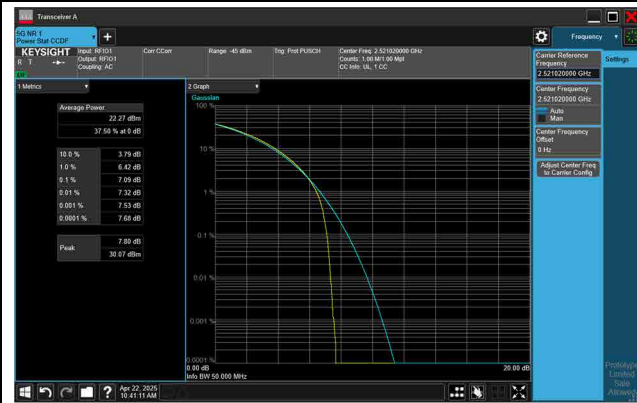


High Channel

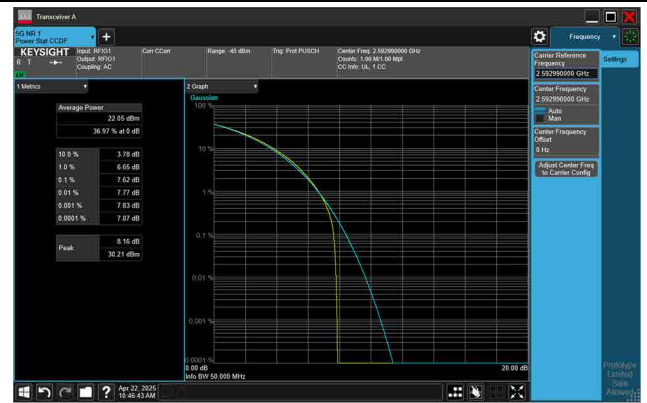


50MHz – 16QAM

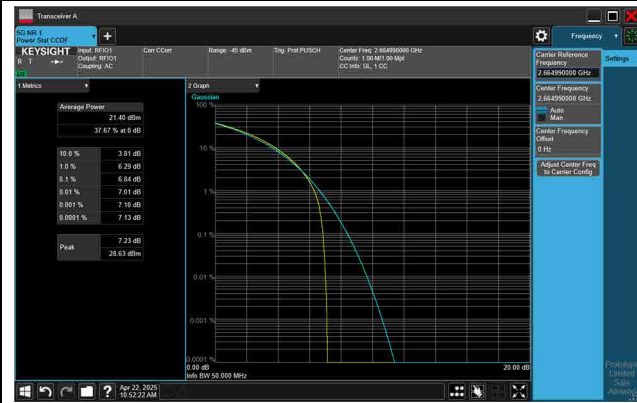
Low Channel



Middle Channel

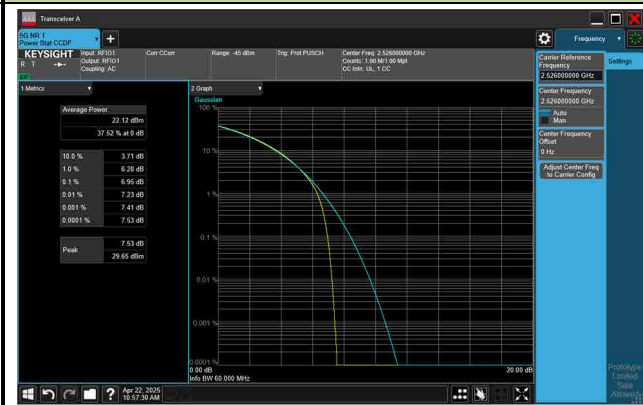


High Channel

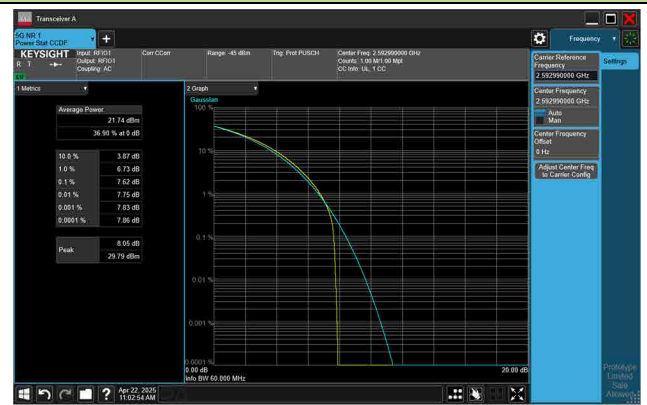


60MHz – 16QAM

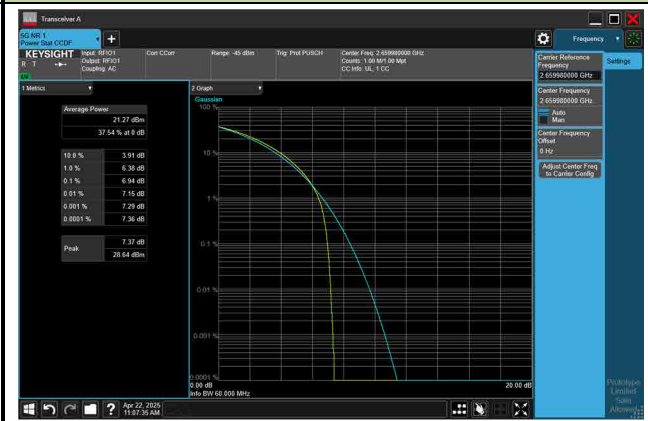
Low Channel



Middle Channel

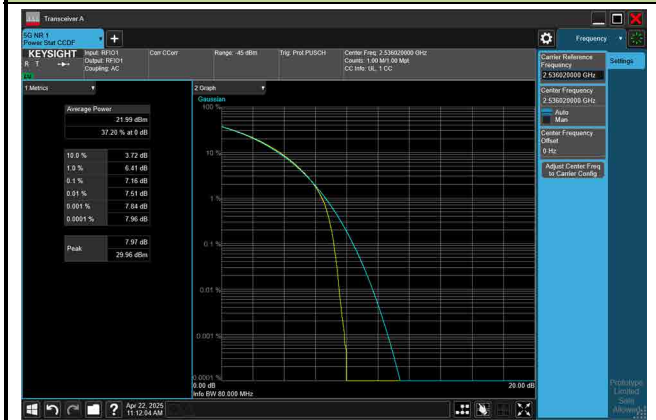


High Channel

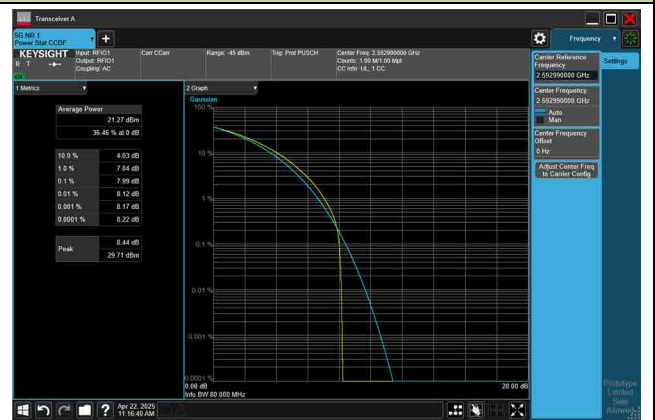


80MHz – 16QAM

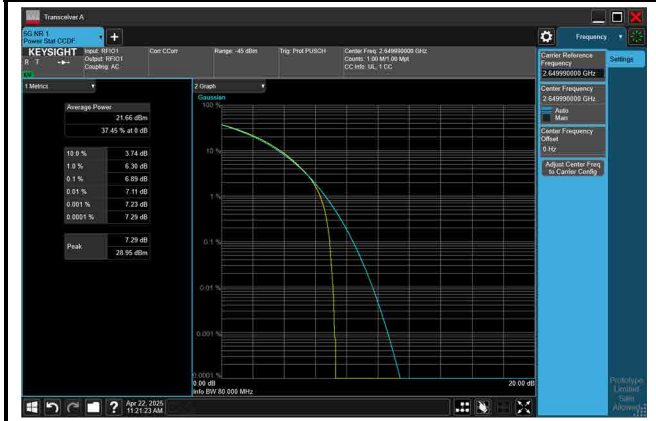
Low Channel



Middle Channel

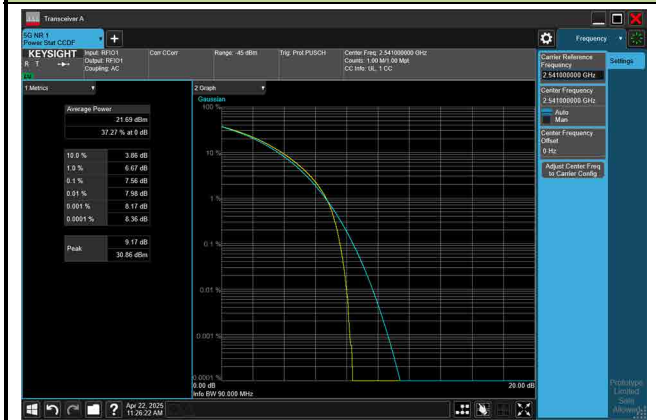


High Channel

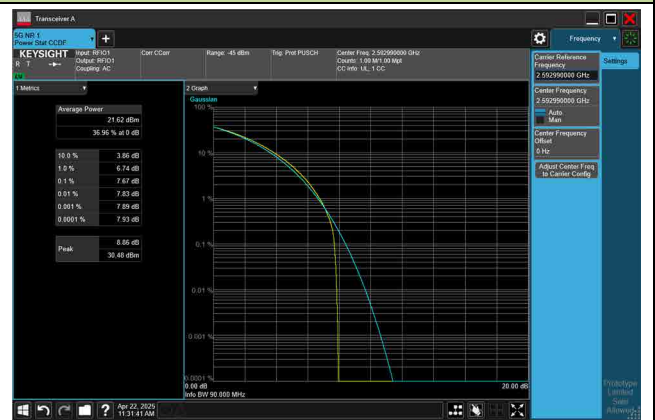


90MHz – 16QAM

Low Channel



Middle Channel



High Channel

