

1 Conducted output power for NR FR1

NR Band n5 SCS15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	ERP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			166800	167300	167800		166800	167300	167800		
			834.0	836.5	839.0		834.0	836.5	839.0		
20	DFT_BPSK	50@25	23.21	23.40	23.02	-0.2	23.01	23.20	22.82	38.45	Pass
20	DFT_BPSK	1@1	23.39	23.25	23.08	-0.2	23.19	23.05	22.88		Pass
20	DFT_BPSK	1@104	23.31	23.73	23.01	-0.2	23.11	23.53	22.81		Pass
20	DFT_QPSK	50@25	23.21	23.40	23.02	-0.2	23.01	23.20	22.82		Pass
20	DFT_QPSK	1@1	23.39	23.25	23.08	-0.2	23.19	23.05	22.88		Pass
20	DFT_QPSK	1@104	23.31	23.73	23.01	-0.2	23.11	23.53	22.81		Pass
20	DFT_QAM16	50@25	22.12	22.37	22.31	-0.2	19.77	20.02	19.96		Pass
20	DFT_QAM16	1@1	22.18	22.20	22.06	-0.2	19.83	19.85	19.71		Pass
20	DFT_QAM16	1@104	22.28	22.17	22.34	-0.2	19.93	19.82	19.99		Pass
20	DFT_QAM64	50@25	21.39	21.05	21.45	-0.2	19.04	18.70	19.10		Pass
20	DFT_QAM64	1@1	21.40	21.39	21.03	-0.2	19.05	19.04	18.68		Pass
20	DFT_QAM64	1@104	21.03	21.06	21.41	-0.2	18.68	18.71	19.06		Pass
20	DFT_QAM256	50@25	19.11	19.20	19.17	-0.2	16.76	16.85	16.82		Pass
20	DFT_QAM256	1@1	19.39	19.14	19.24	-0.2	17.04	16.79	16.89		Pass
20	DFT_QAM256	1@104	19.17	19.13	19.16	-0.2	16.82	16.78	16.81		Pass
20	CP_QPSK	53@26	21.06	21.40	21.28	-0.2	18.71	19.05	18.93		Pass
20	CP_QPSK	1@1	21.17	21.13	21.06	-0.2	18.82	18.78	18.71		Pass
20	CP_QPSK	1@104	21.35	21.13	21.28	-0.2	19.00	18.78	18.93		Pass
20	CP_QAM16	53@26	21.33	21.22	21.24	-0.2	18.98	18.87	18.89		Pass
20	CP_QAM16	1@1	21.42	21.17	21.30	-0.2	19.07	18.82	18.95		Pass
20	CP_QAM16	1@104	21.33	21.30	21.43	-0.2	18.98	18.95	19.08		Pass
20	CP_QAM64	53@26	19.31	19.18	19.01	-0.2	16.96	16.83	16.66		Pass
20	CP_QAM64	1@1	19.15	19.23	19.36	-0.2	16.80	16.88	17.01		Pass
20	CP_QAM64	1@104	19.15	19.16	19.28	-0.2	16.80	16.81	16.93		Pass
20	CP_QAM256	53@26	17.28	17.26	17.24	-0.2	14.93	14.91	14.89		Pass
20	CP_QAM256	1@1	17.10	17.03	17.11	-0.2	14.75	14.68	14.76		Pass
20	CP_QAM256	1@104	17.19	17.34	17.37	-0.2	14.84	14.99	15.02		Pass

NR Band n5 SCS15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	ERP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			166300	167300	168300		166300	167300	168300		
			831.5	836.5	841.5		831.5	836.5	841.5		
15	DFT_BPSK	36@18	23.77	23.21	23.61	-0.2	21.42	20.86	21.26	38.45	Pass
15	DFT_BPSK	1@1	23.51	23.16	23.34	-0.2	21.16	20.81	20.99		Pass
15	DFT_BPSK	1@77	23.12	23.07	23.46	-0.2	20.77	20.72	21.11		Pass
15	DFT_QPSK	36@18	23.45	23.50	23.50	-0.2	21.10	21.15	21.15		Pass
15	DFT_QPSK	1@1	23.93	23.83	23.77	-0.2	21.58	21.48	21.42		Pass
15	DFT_QPSK	1@77	23.12	23.42	23.32	-0.2	20.77	21.07	20.97		Pass
15	DFT_QAM16	36@18	22.04	22.14	22.28	-0.2	19.69	19.79	19.93		Pass
15	DFT_QAM16	1@1	22.07	22.16	22.36	-0.2	19.72	19.81	20.01		Pass
15	DFT_QAM16	1@77	22.43	22.16	22.10	-0.2	20.08	19.81	19.75		Pass
15	DFT_QAM64	36@18	21.15	21.41	21.44	-0.2	18.80	19.06	19.09		Pass
15	DFT_QAM64	1@1	21.39	21.43	21.22	-0.2	19.04	19.08	18.87		Pass
15	DFT_QAM64	1@77	21.03	21.08	21.20	-0.2	18.68	18.73	18.85		Pass
15	DFT_QAM256	36@18	19.35	19.09	19.28	-0.2	17.00	16.74	16.93		Pass
15	DFT_QAM256	1@1	19.34	19.03	19.13	-0.2	16.99	16.68	16.78		Pass
15	DFT_QAM256	1@77	19.14	19.08	19.35	-0.2	16.79	16.73	17.00		Pass
15	CP_QPSK	39@19	21.09	21.37	21.20	-0.2	18.74	19.02	18.85		Pass
15	CP_QPSK	1@1	21.04	21.35	21.44	-0.2	18.69	19.00	19.09		Pass
15	CP_QPSK	1@77	21.19	21.32	21.09	-0.2	18.84	18.97	18.74		Pass
15	CP_QAM16	39@19	21.33	21.09	21.39	-0.2	18.98	18.74	19.04		Pass
15	CP_QAM16	1@1	21.33	21.35	21.40	-0.2	18.98	19.00	19.05		Pass
15	CP_QAM16	1@77	21.12	21.39	21.17	-0.2	18.77	19.04	18.82		Pass
15	CP_QAM64	39@19	19.22	19.33	19.28	-0.2	16.87	16.98	16.93		Pass
15	CP_QAM64	1@1	19.42	19.13	19.27	-0.2	17.07	16.78	16.92		Pass
15	CP_QAM64	1@77	19.39	19.27	19.15	-0.2	17.04	16.92	16.80		Pass
15	CP_QAM256	39@19	17.23	17.28	17.28	-0.2	14.88	14.93	14.93		Pass
15	CP_QAM256	1@1	17.30	17.07	17.15	-0.2	14.95	14.72	14.80		Pass
15	CP_QAM256	1@77	17.15	17.32	17.14	-0.2	14.80	14.97	14.79		Pass

NR Band n5 SCS15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	ERP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			165800	167300	168800		165800	167300	168800		
			829.0	836.5	844.0		829.0	836.5	844.0		
10	DFT_BPSK	25@12	23.77	23.21	23.61	-0.2	21.26	21.06	21.03	38.45	Pass
10	DFT_BPSK	1@1	23.51	23.16	23.34	-0.2	20.90	21.52	20.94		Pass
10	DFT_BPSK	1@50	23.12	23.07	23.46	-0.2	21.23	20.81	20.66		Pass
10	DFT_QPSK	25@12	23.45	23.50	23.50	-0.2	20.73	21.52	21.46		Pass
10	DFT_QPSK	1@1	23.93	23.83	23.77	-0.2	21.24	21.54	21.02		Pass
10	DFT_QPSK	1@50	23.12	23.42	23.32	-0.2	20.95	20.71	20.91		Pass
10	DFT_QAM16	25@12	22.04	22.14	22.28	-0.2	19.95	19.95	19.83		Pass
10	DFT_QAM16	1@1	22.07	22.16	22.36	-0.2	19.92	19.94	19.78		Pass
10	DFT_QAM16	1@50	22.43	22.16	22.10	-0.2	19.78	19.68	19.92		Pass
10	DFT_QAM64	25@12	21.15	21.41	21.44	-0.2	18.70	19.01	18.72		Pass
10	DFT_QAM64	1@1	21.39	21.43	21.22	-0.2	19.04	18.81	19.00		Pass
10	DFT_QAM64	1@50	21.03	21.08	21.20	-0.2	18.80	19.02	18.88		Pass
10	DFT_QAM256	25@12	19.35	19.09	19.28	-0.2	16.87	16.81	16.95		Pass
10	DFT_QAM256	1@1	19.34	19.03	19.13	-0.2	17.05	16.88	16.77		Pass
10	DFT_QAM256	1@50	19.14	19.08	19.35	-0.2	16.92	16.86	17.10		Pass
10	CP_QPSK	26@13	21.09	21.37	21.20	-0.2	18.70	19.10	18.73		Pass
10	CP_QPSK	1@1	21.04	21.35	21.44	-0.2	18.70	18.94	18.83		Pass
10	CP_QPSK	1@50	21.19	21.32	21.09	-0.2	18.78	18.78	19.10		Pass
10	CP_QAM16	26@13	21.33	21.09	21.39	-0.2	18.94	18.84	19.00		Pass
10	CP_QAM16	1@1	21.33	21.35	21.40	-0.2	18.69	18.89	19.01		Pass
10	CP_QAM16	1@50	21.12	21.39	21.17	-0.2	18.77	18.70	18.71		Pass
10	CP_QAM64	26@13	19.22	19.33	19.28	-0.2	17.01	16.67	16.91		Pass
10	CP_QAM64	1@1	19.42	19.13	19.27	-0.2	16.98	16.78	17.02		Pass
10	CP_QAM64	1@50	19.39	19.27	19.15	-0.2	16.70	17.03	16.95		Pass
10	CP_QAM256	26@13	17.23	17.28	17.28	-0.2	14.93	14.90	14.87		Pass
10	CP_QAM256	1@1	17.30	17.07	17.15	-0.2	14.91	15.00	14.70		Pass
10	CP_QAM256	1@50	17.15	17.32	17.14	-0.2	15.08	15.05	14.67		Pass

NR Band n5 SCS15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	ERP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			165300	167300	169300		165300	167300	169300		
			826.5	836.5	846.5		826.5	836.5	846.5		
5	DFT_BPSK	12@6	23.77	23.21	23.61	-0.2	20.66	20.77	21.58	38.45	Pass
5	DFT_BPSK	1@1	23.51	23.16	23.34	-0.2	20.81	21.41	21.17		Pass
5	DFT_BPSK	1@23	23.12	23.07	23.46	-0.2	21.32	20.68	20.86		Pass
5	DFT_QPSK	12@6	23.45	23.50	23.50	-0.2	21.36	20.76	21.18		Pass
5	DFT_QPSK	1@1	23.93	23.83	23.77	-0.2	21.24	20.81	21.52		Pass
5	DFT_QPSK	1@23	23.12	23.42	23.32	-0.2	20.93	21.38	20.89		Pass
5	DFT_QAM16	12@6	22.04	22.14	22.28	-0.2	19.84	19.83	19.67		Pass
5	DFT_QAM16	1@1	22.07	22.16	22.36	-0.2	19.80	20.00	19.92		Pass
5	DFT_QAM16	1@23	22.43	22.16	22.10	-0.2	19.71	20.04	19.82		Pass
5	DFT_QAM64	12@6	21.15	21.41	21.44	-0.2	19.10	18.97	18.77		Pass
5	DFT_QAM64	1@1	21.39	21.43	21.22	-0.2	18.86	18.93	18.67		Pass
5	DFT_QAM64	1@23	21.03	21.08	21.20	-0.2	19.01	19.05	19.06		Pass
5	DFT_QAM256	12@6	19.35	19.09	19.28	-0.2	16.75	16.87	16.99		Pass
5	DFT_QAM256	1@1	19.34	19.03	19.13	-0.2	16.96	17.02	16.76		Pass
5	DFT_QAM256	1@23	19.14	19.08	19.35	-0.2	16.82	16.82	16.90		Pass
5	CP_QPSK	13@6	21.09	21.37	21.20	-0.2	18.85	19.05	18.95		Pass
5	CP_QPSK	1@1	21.04	21.35	21.44	-0.2	18.74	18.93	19.01		Pass
5	CP_QPSK	1@23	21.19	21.32	21.09	-0.2	19.04	18.98	19.04		Pass
5	CP_QAM16	13@6	21.33	21.09	21.39	-0.2	18.87	18.87	18.89		Pass
5	CP_QAM16	1@1	21.33	21.35	21.40	-0.2	19.10	18.78	19.10		Pass
5	CP_QAM16	1@23	21.12	21.39	21.17	-0.2	19.00	19.09	18.87		Pass
5	CP_QAM64	13@6	19.22	19.33	19.28	-0.2	17.02	16.73	16.99		Pass
5	CP_QAM64	1@1	19.42	19.13	19.27	-0.2	16.74	16.75	16.85		Pass
5	CP_QAM64	1@23	19.39	19.27	19.15	-0.2	16.88	16.78	16.73		Pass
5	CP_QAM256	13@6	17.23	17.28	17.28	-0.2	15.00	15.04	15.09		Pass
5	CP_QAM256	1@1	17.30	17.07	17.15	-0.2	14.66	14.74	14.75		Pass
5	CP_QAM256	1@23	17.15	17.32	17.14	-0.2	14.86	15.05	14.96		Pass

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n5	15	20	167300	50@25	DFT_BPSK	3.85	-2.42	0.00	2.5	PASS
n5	15	20	167300	50@25	DFT_BPSK	3.50	-2.36	0.00		PASS
n5	15	20	167300	50@25	DFT_BPSK	4.45	-3.79	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	3.85	-3.59	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	3.50	-2.57	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	4.45	-3.62	0.00		PASS

Note: Only the worst case shown in the report.

NV:

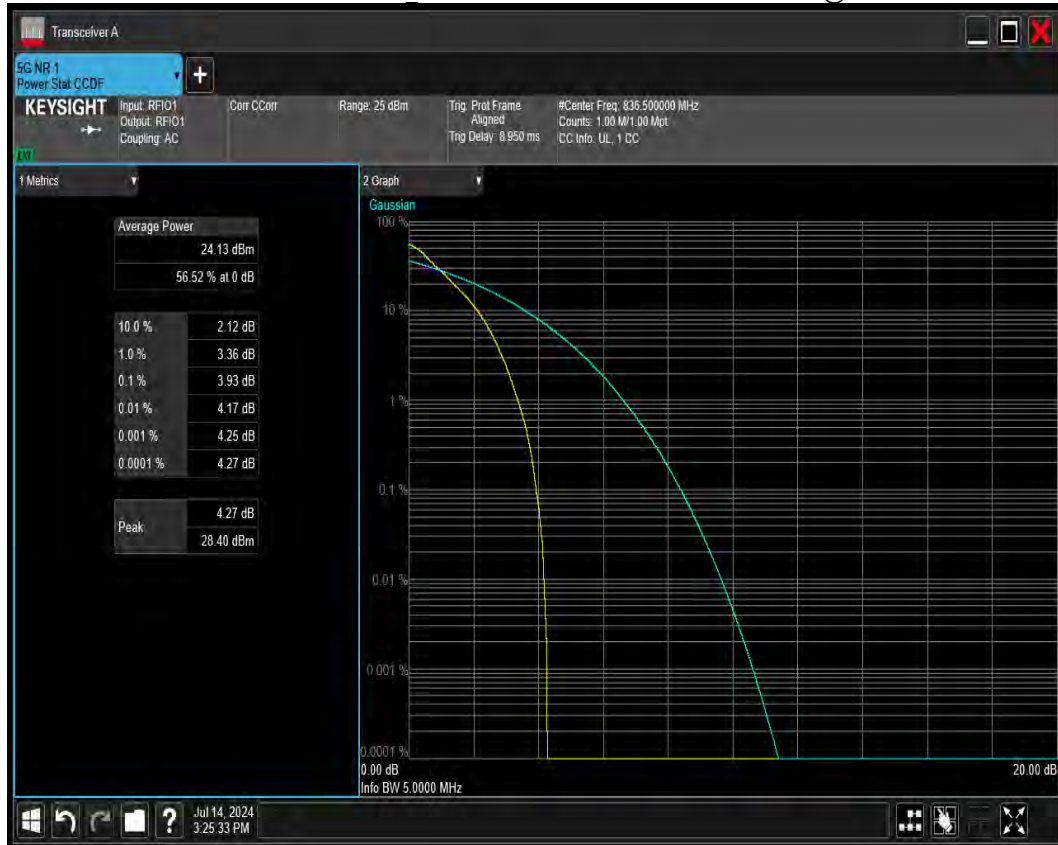
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n5	15	20	167300	50@25	DFT_BPSK	-30	-2.83	0.00	2.5	PASS
n5	15	20	167300	50@25	DFT_BPSK	-20	-3.3	0.00		PASS
n5	15	20	167300	50@25	DFT_BPSK	-10	-5.61	0.00		PASS
n5	15	20	167300	50@25	DFT_BPSK	0	-4.25	0.00		PASS
n5	15	20	167300	50@25	DFT_BPSK	10	-2.46	0.00		PASS
n5	15	20	167300	50@25	DFT_BPSK	20	-1.87	0.00		PASS
n5	15	20	167300	50@25	DFT_BPSK	30	-3.98	0.00		PASS
n5	15	20	167300	50@25	DFT_BPSK	40	-1.86	0.00		PASS
n5	15	20	167300	50@25	DFT_BPSK	50	-5.74	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	-30	-2.29	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	-20	-3.63	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	-10	-1.47	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	0	-5.32	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	10	-6.39	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	20	-4.24	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	30	-4.45	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	40	-3.91	0.00		PASS
n5	15	20	167300	50@25	DFT_QPSK	50	-2.01	0.00		PASS

Note: Only the worst case shown in the report.

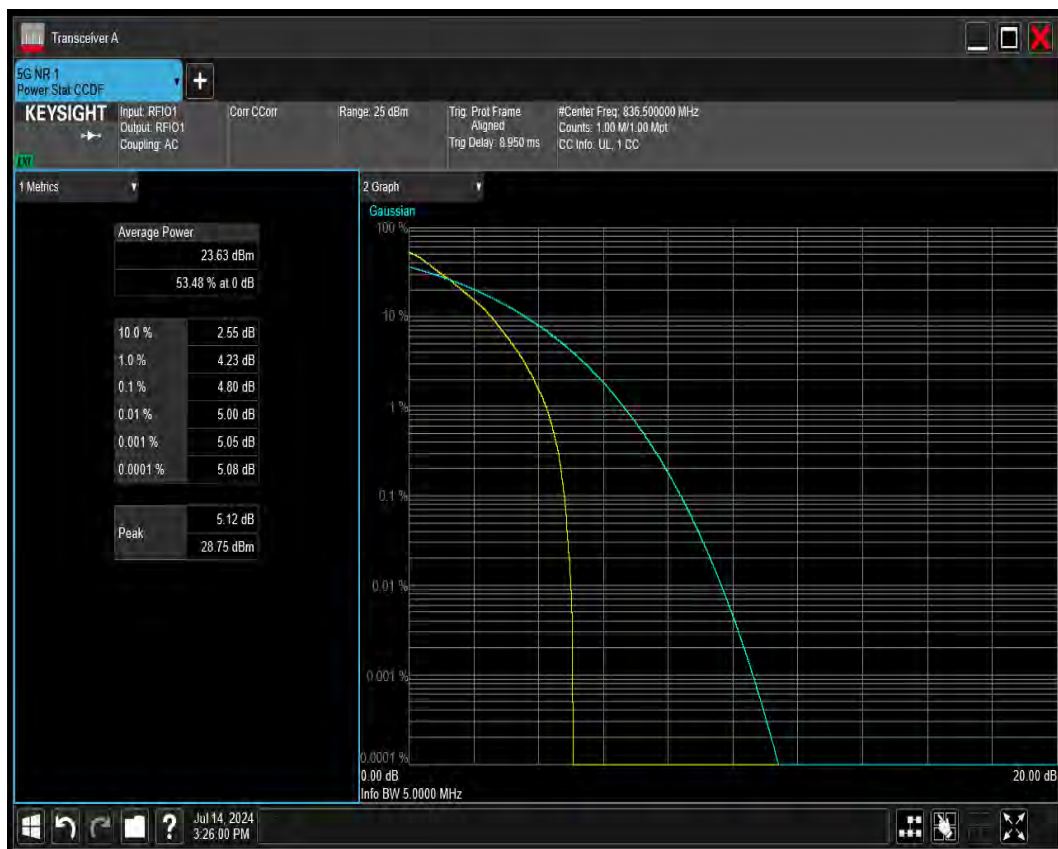
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n5	15	5	167300	25@0	DFT_BPSK	3.93	13	PASS
n5	15	5	167300	25@0	DFT_QPSK	4.80	13	PASS
n5	15	5	167300	25@0	DFT_QAM16	5.68	13	PASS
n5	15	5	167300	25@0	DFT_QAM64	5.98	13	PASS
n5	15	5	167300	25@0	DFT_QAM256	6.93	13	PASS
n5	15	10	167300	50@0	DFT_BPSK	4.12	13	PASS
n5	15	10	167300	50@0	DFT_QPSK	4.96	13	PASS
n5	15	10	167300	50@0	DFT_QAM16	5.75	13	PASS
n5	15	10	167300	50@0	DFT_QAM64	6.19	13	PASS
n5	15	10	167300	50@0	DFT_QAM256	6.69	13	PASS
n5	15	15	167300	75@0	DFT_BPSK	4.36	13	PASS
n5	15	15	167300	75@0	DFT_QPSK	5.17	13	PASS
n5	15	15	167300	75@0	DFT_QAM16	5.92	13	PASS
n5	15	15	167300	75@0	DFT_QAM64	6.22	13	PASS
n5	15	15	167300	75@0	DFT_QAM256	6.70	13	PASS
n5	15	20	167300	100@0	DFT_BPSK	4.39	13	PASS
n5	15	20	167300	100@0	DFT_QPSK	5.31	13	PASS
n5	15	20	167300	100@0	DFT_QAM16	6.08	13	PASS
n5	15	20	167300	100@0	DFT_QAM64	6.39	13	PASS
n5	15	20	167300	100@0	DFT_QAM256	6.88	13	PASS

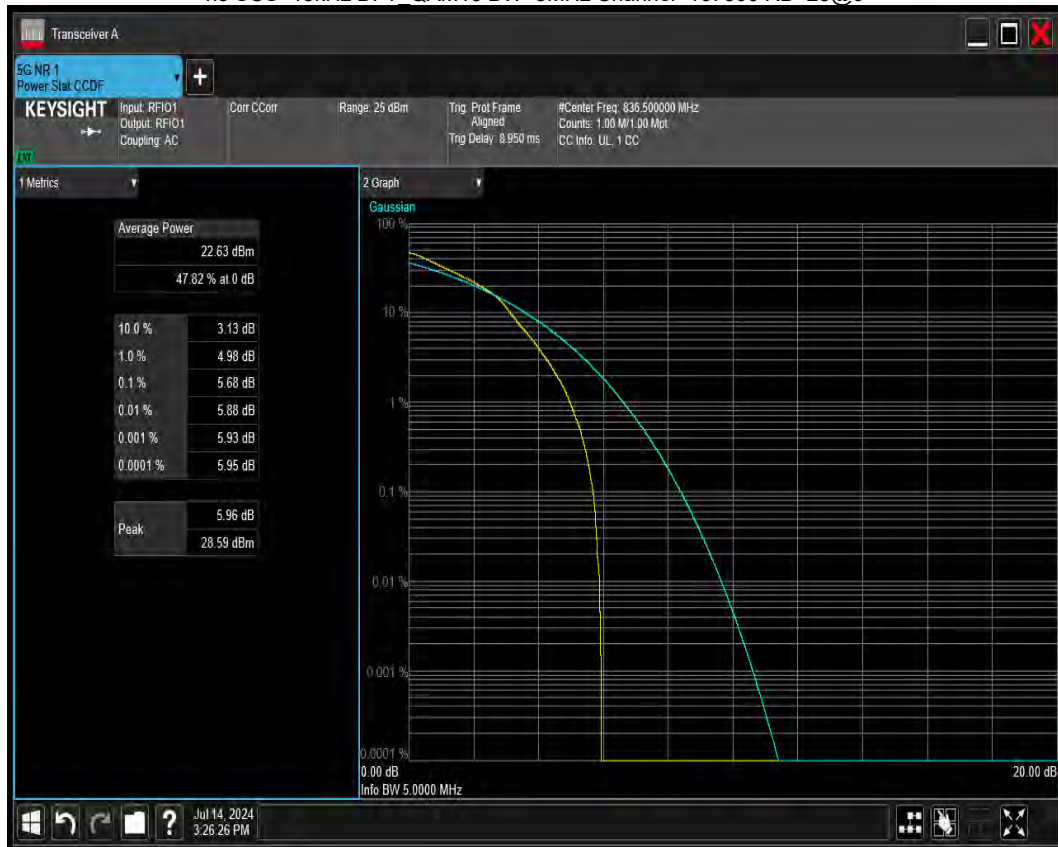
n5 SCS=15kHz DFT BPSK BW=5MHz Channel=167300 RB=25@0



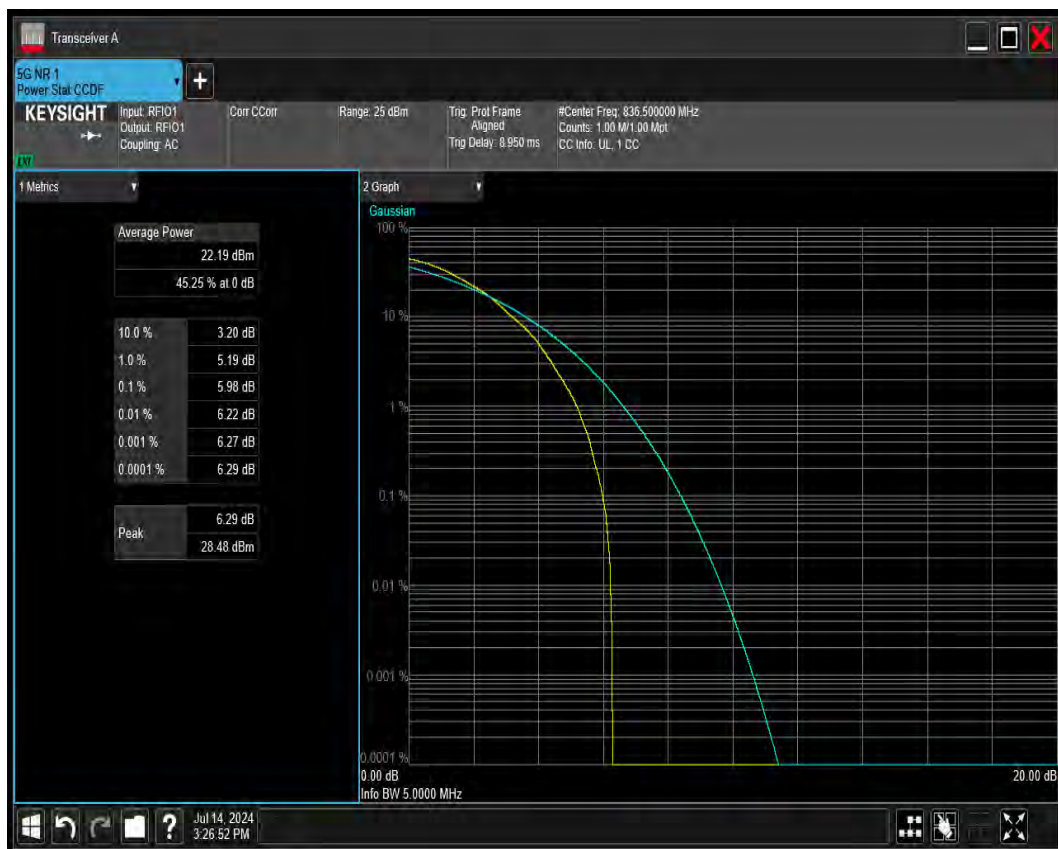
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=25@0



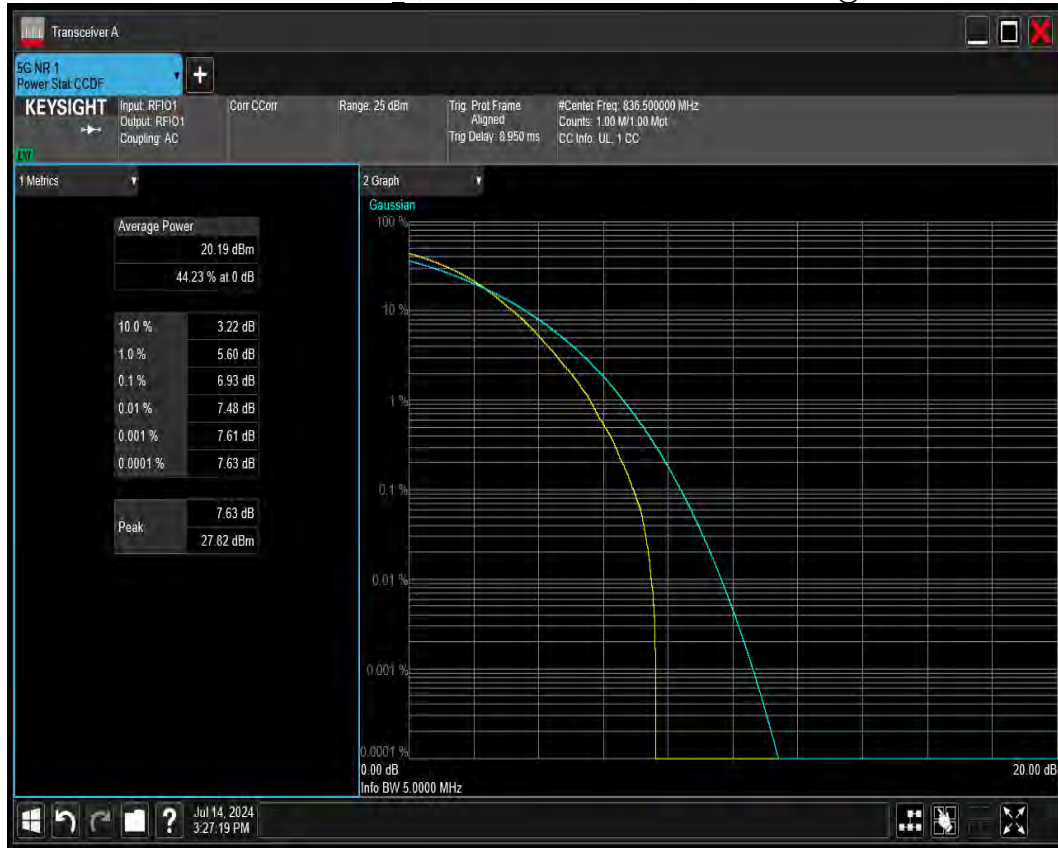
n5 SCS=15kHz DFT_QAM16 BW=5MHz Channel=167300 RB=25@0



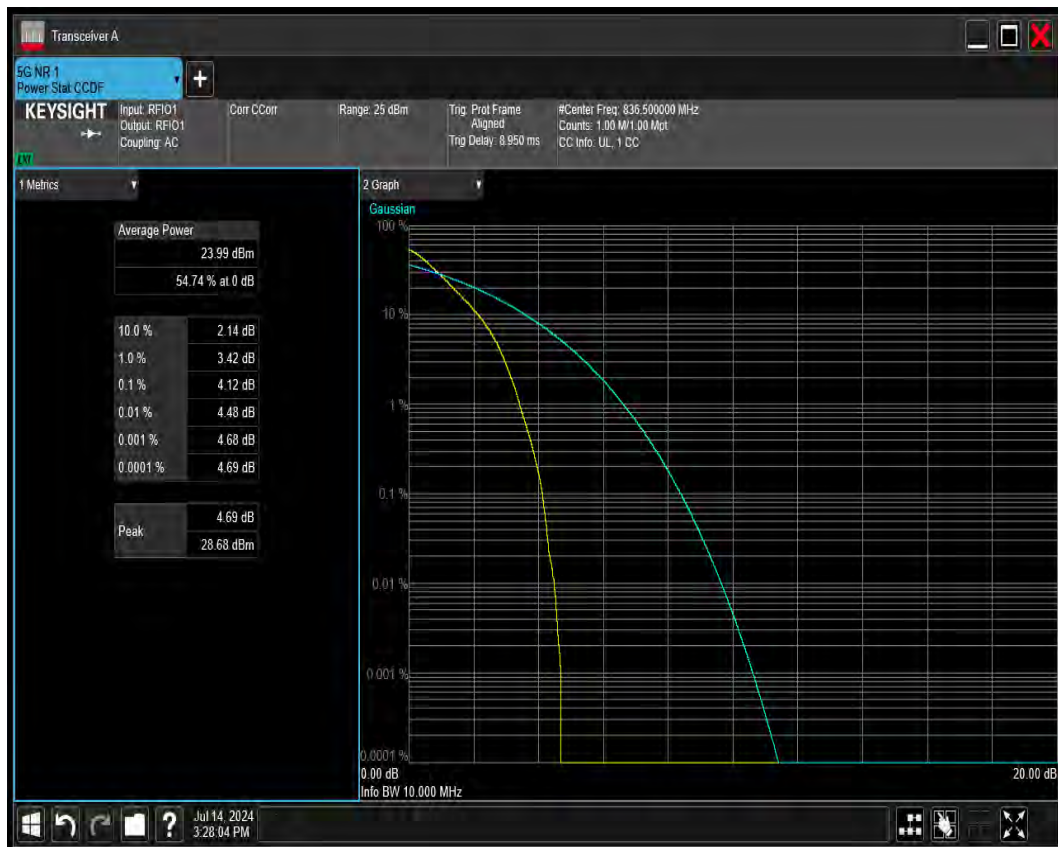
n5 SCS=15kHz DFT_QAM64 BW=5MHz Channel=167300 RB=25@0



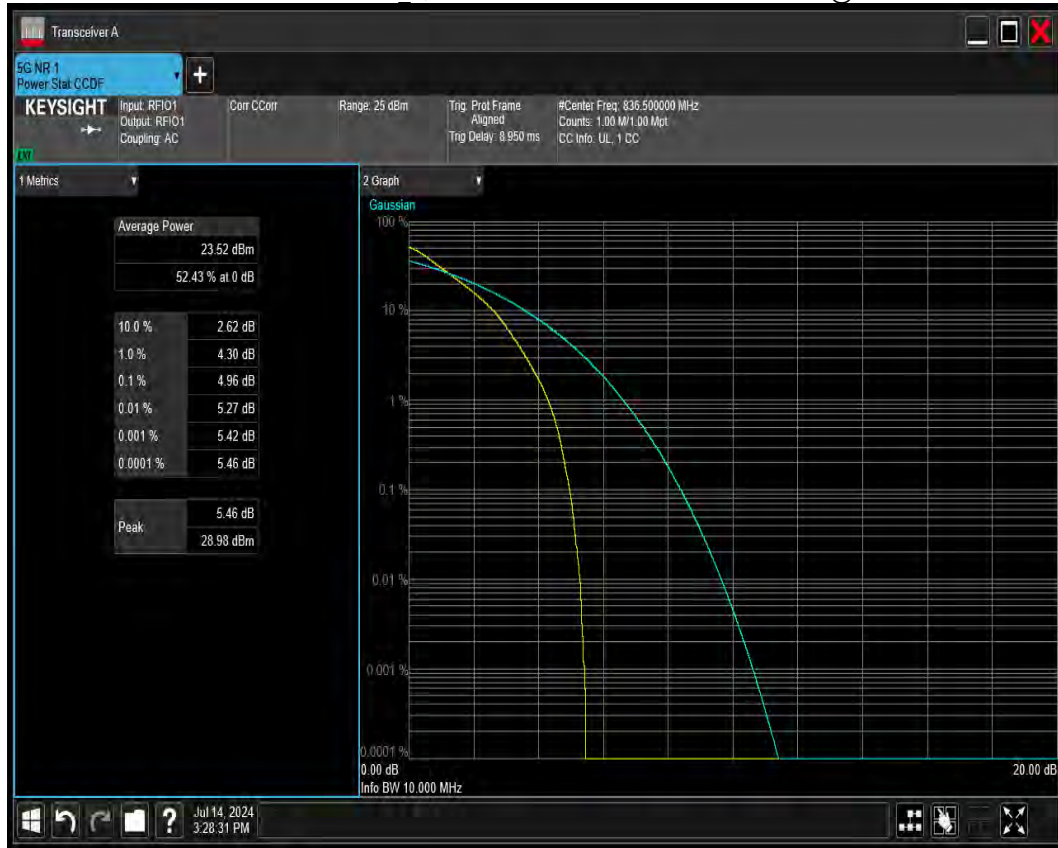
n5 SCS=15kHz DFT QAM256 BW=5MHz Channel=167300 RB=25@0



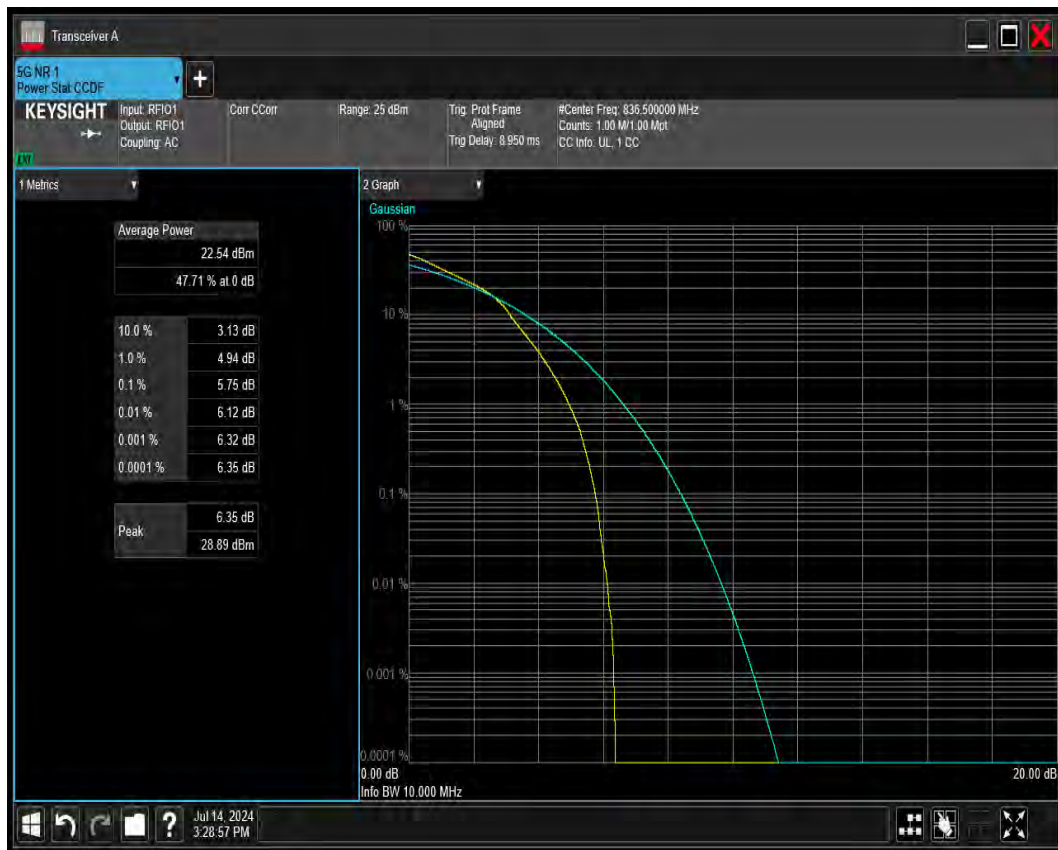
n5 SCS=15kHz DFT_BPSK BW=10MHz Channel=167300 RB=50@0



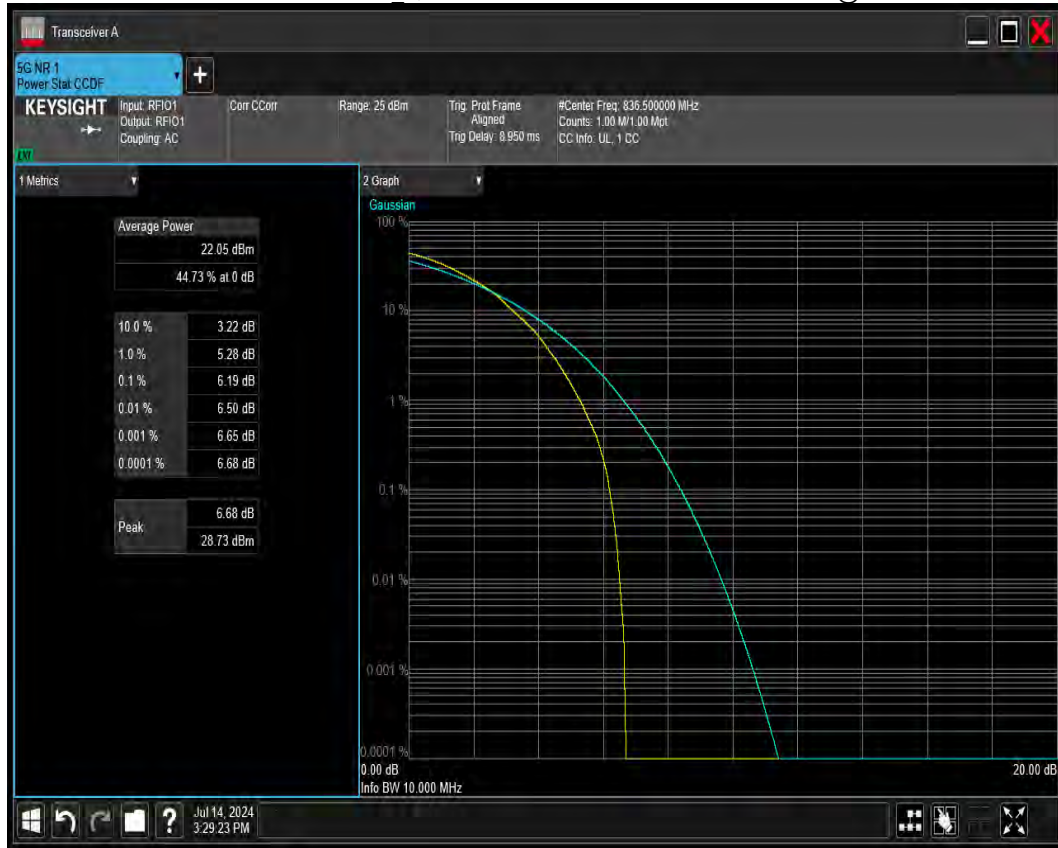
n5 SCS=15kHz DFT_QPSK BW=10MHz Channel=167300 RB=50@0



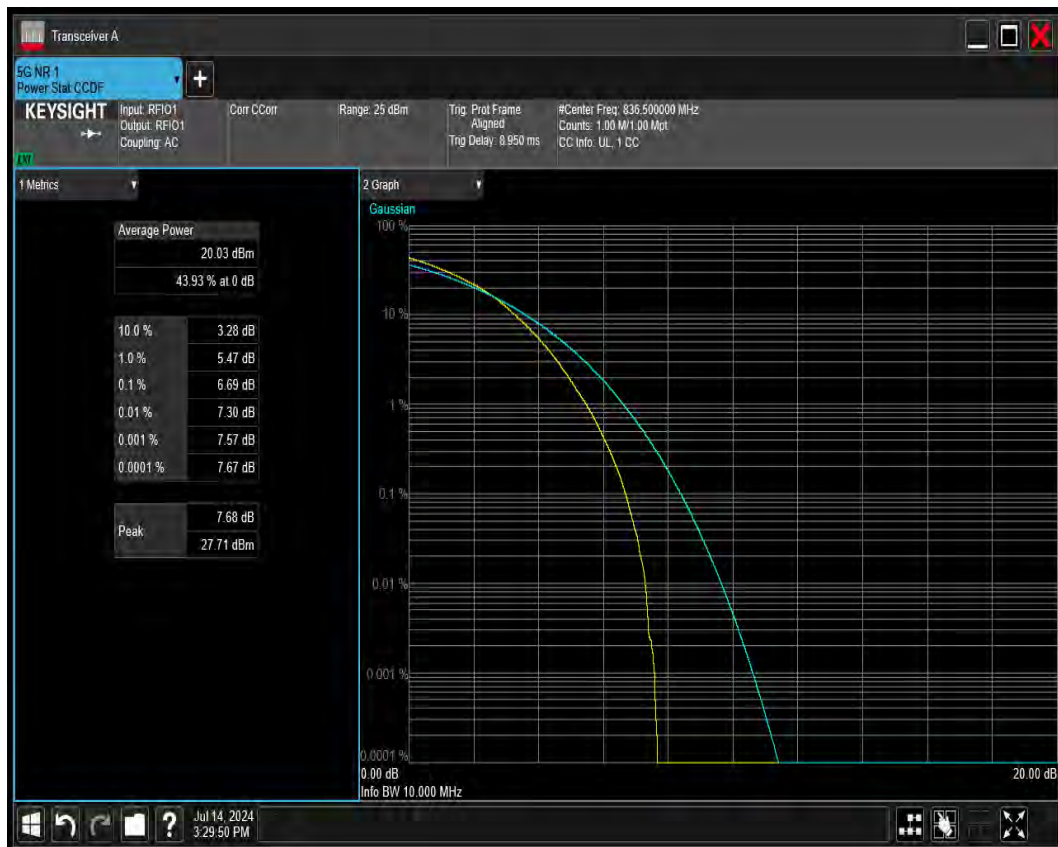
n5 SCS=15kHz DFT_QAM16 BW=10MHz Channel=167300 RB=50@0



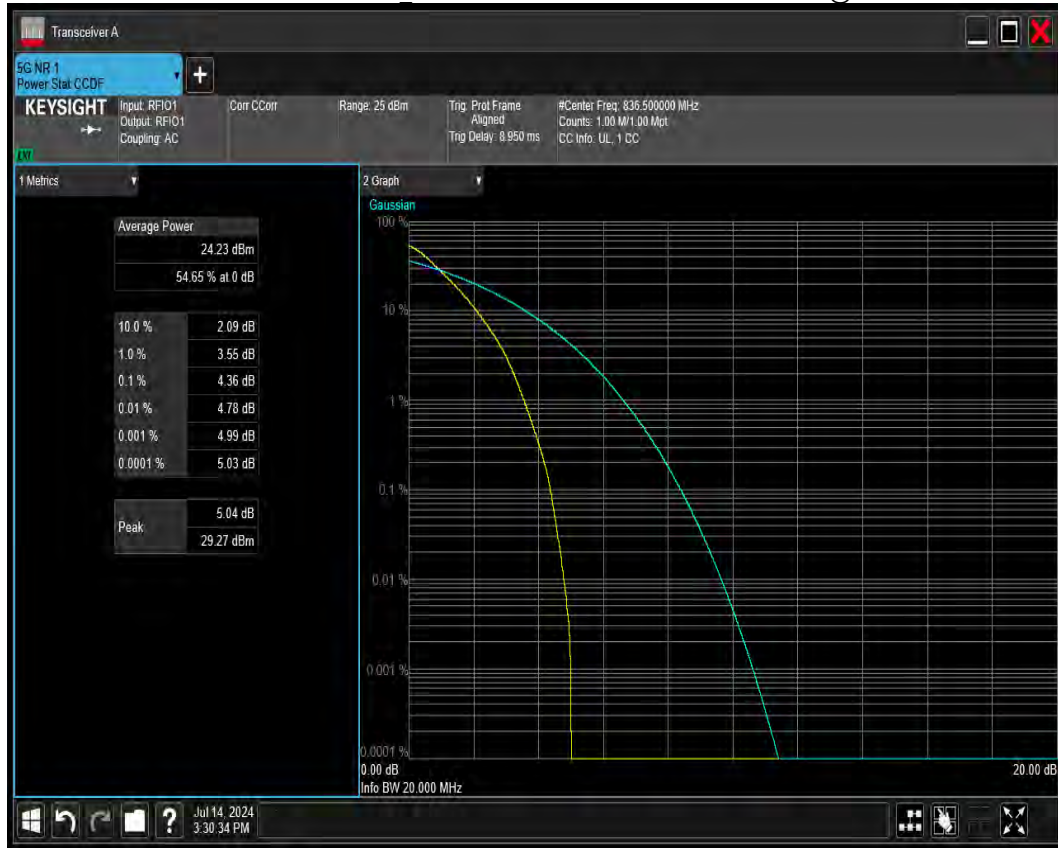
n5 SCS=15kHz DFT QAM64 BW=10MHz Channel=167300 RB=50@0



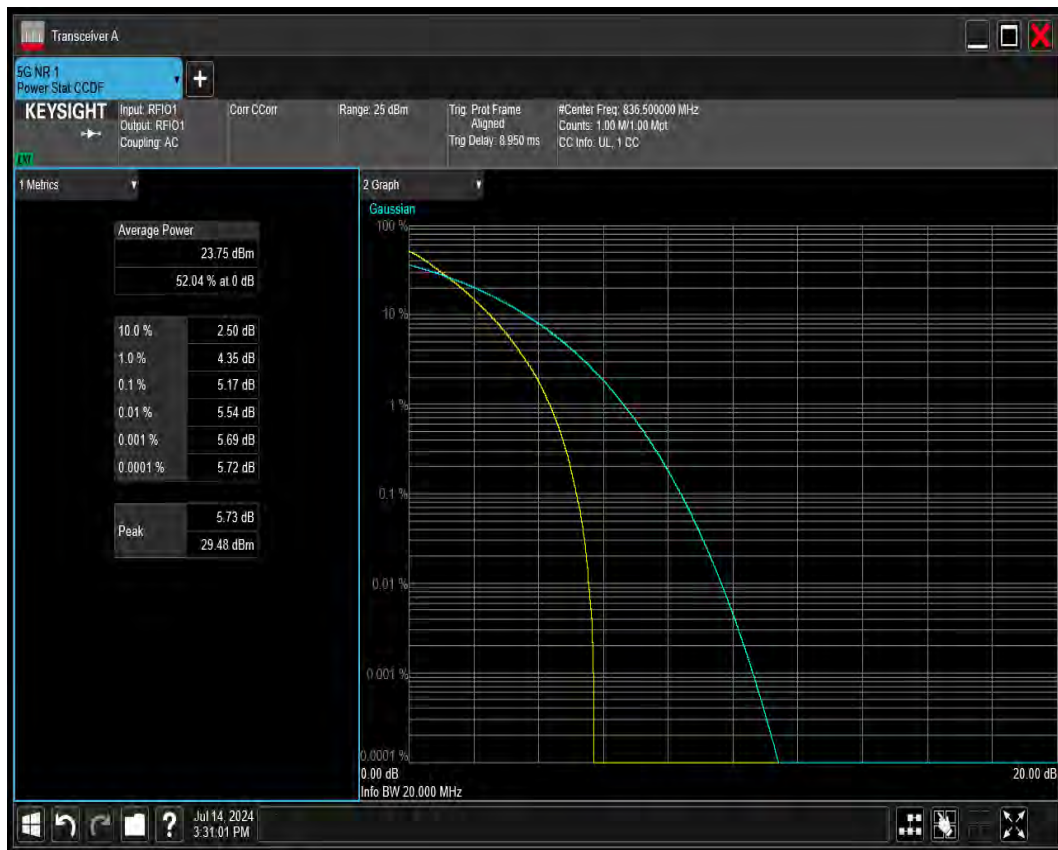
n5 SCS=15kHz DFT_QAM256 BW=10MHz Channel=167300 RB=50@0



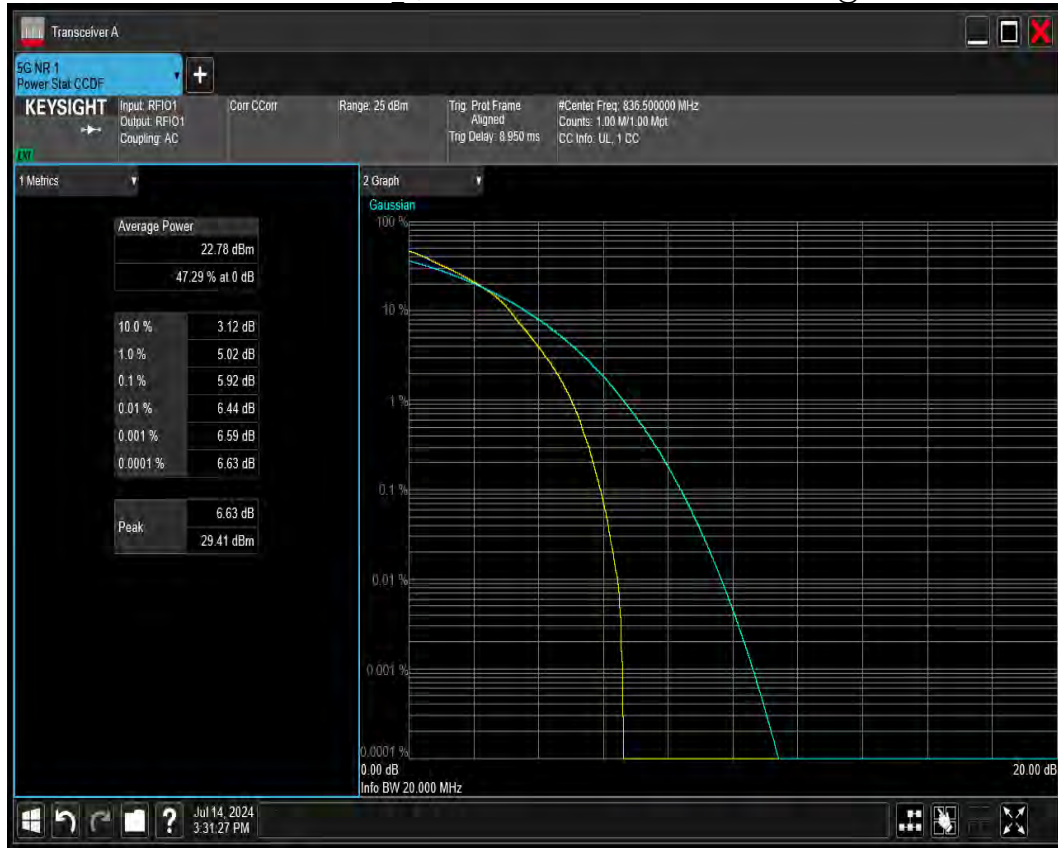
n5 SCS=15kHz DFT BPSK BW=15MHz Channel=167300 RB=75@0



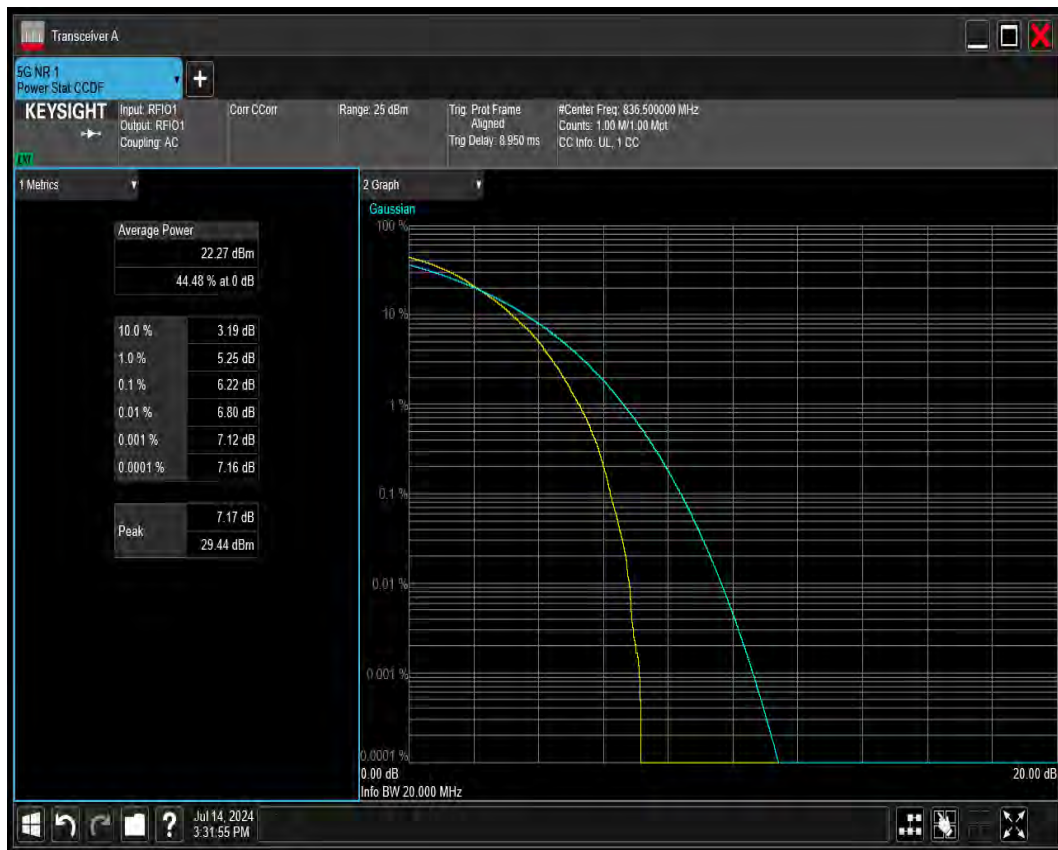
n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=167300 RB=75@0



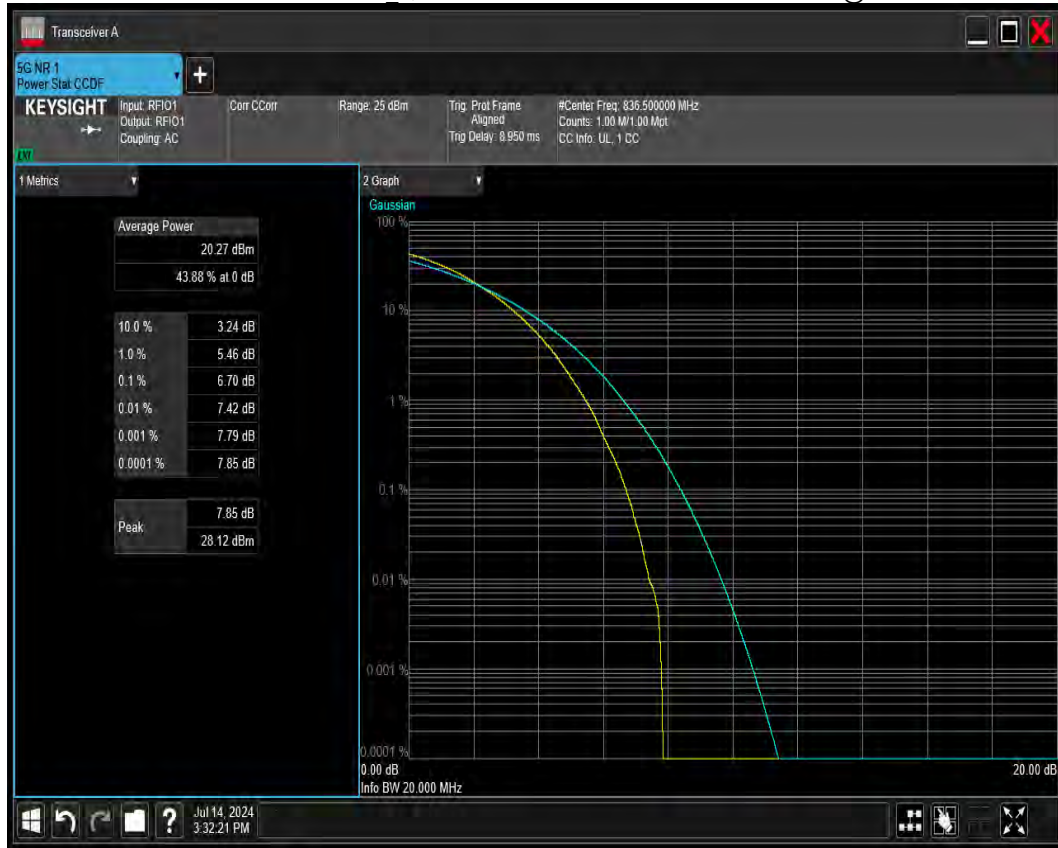
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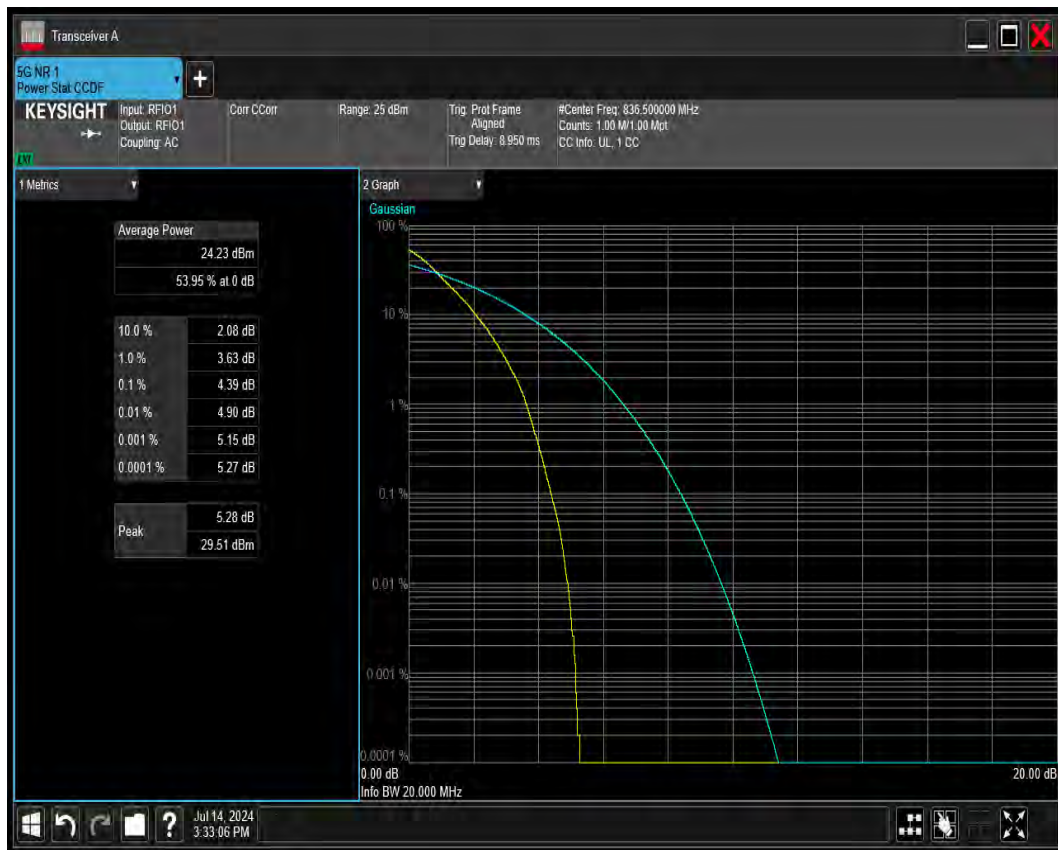
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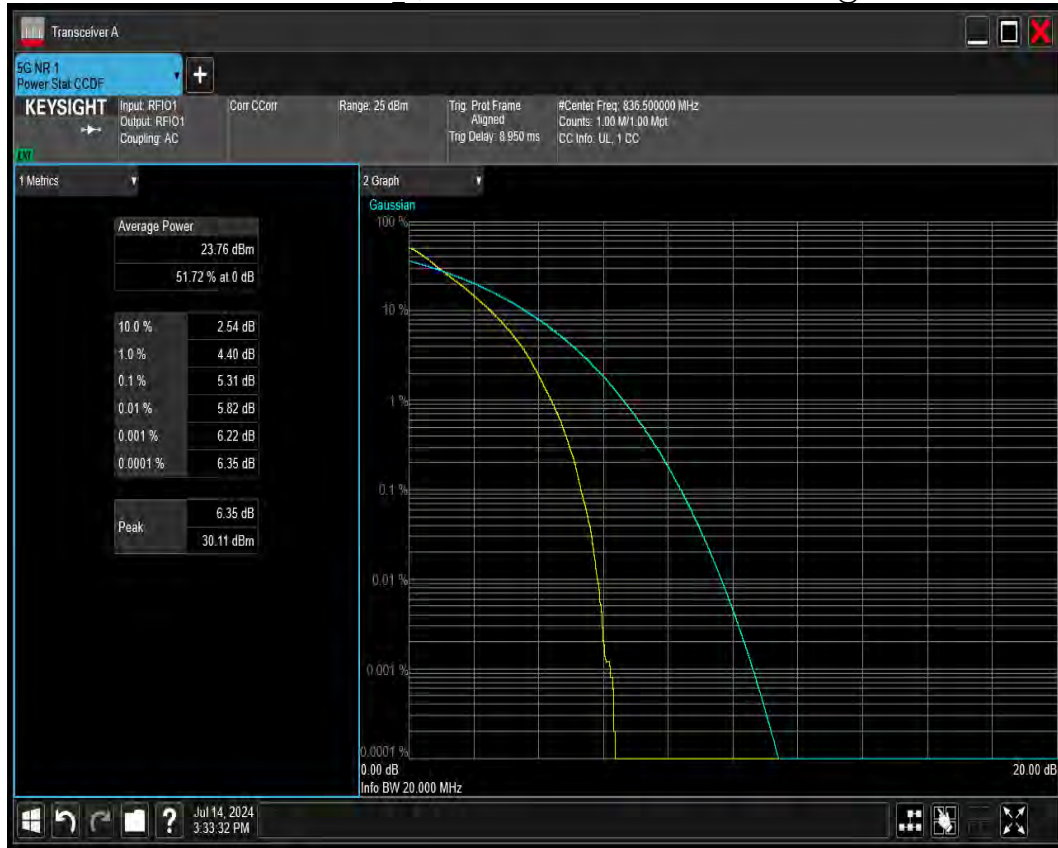
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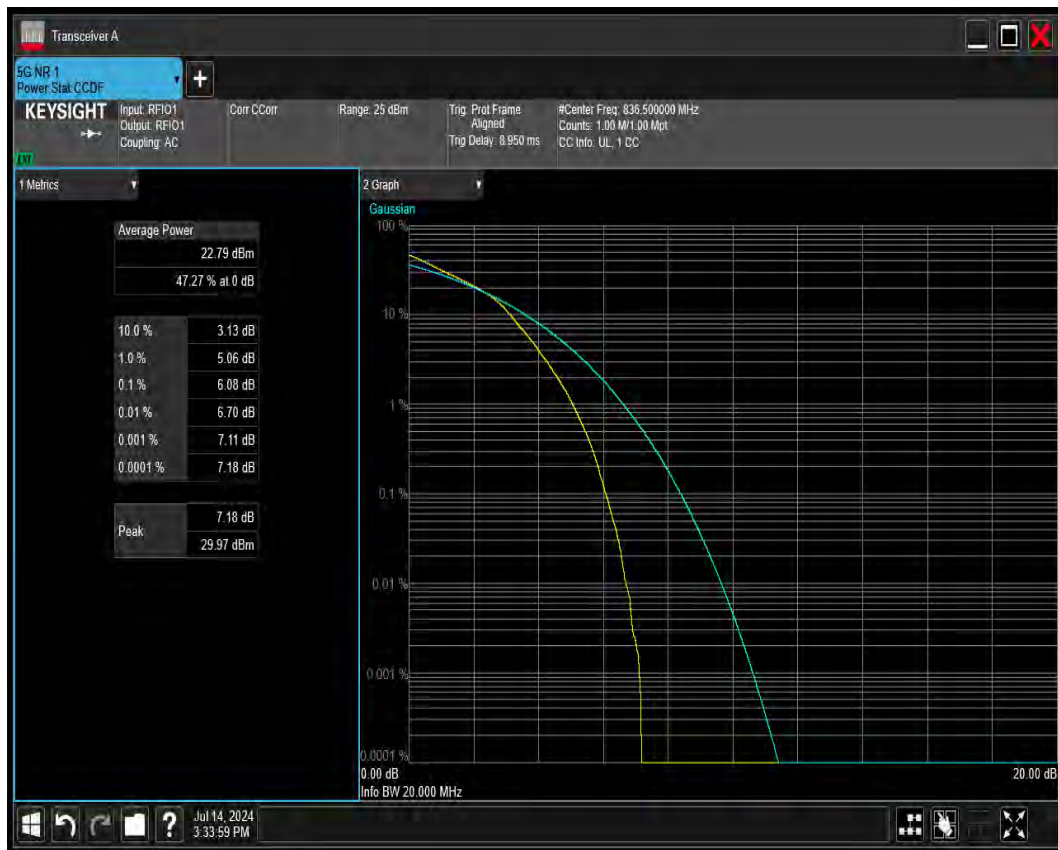
n5 SCS=15kHz DFT_BPSK BW=20MHz Channel=167300 RB=100@0



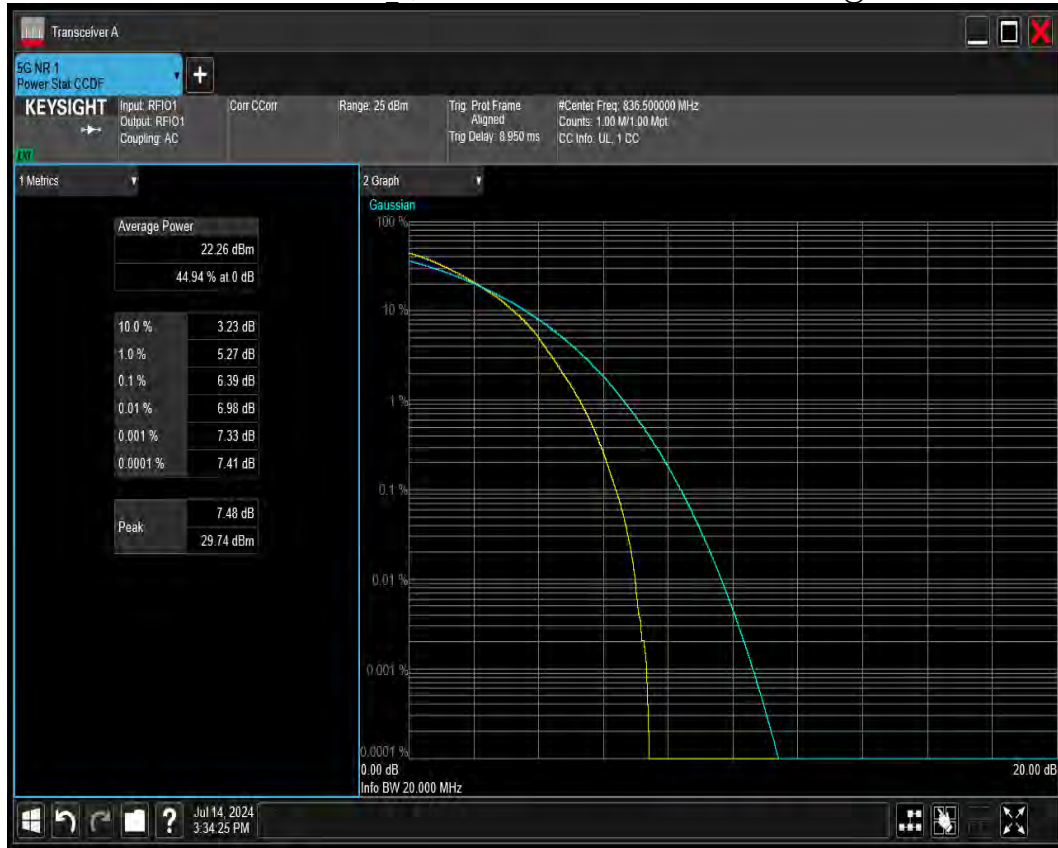
n5 SCS=15kHz DFT QPSK BW=20MHz Channel=167300 RB=100@0



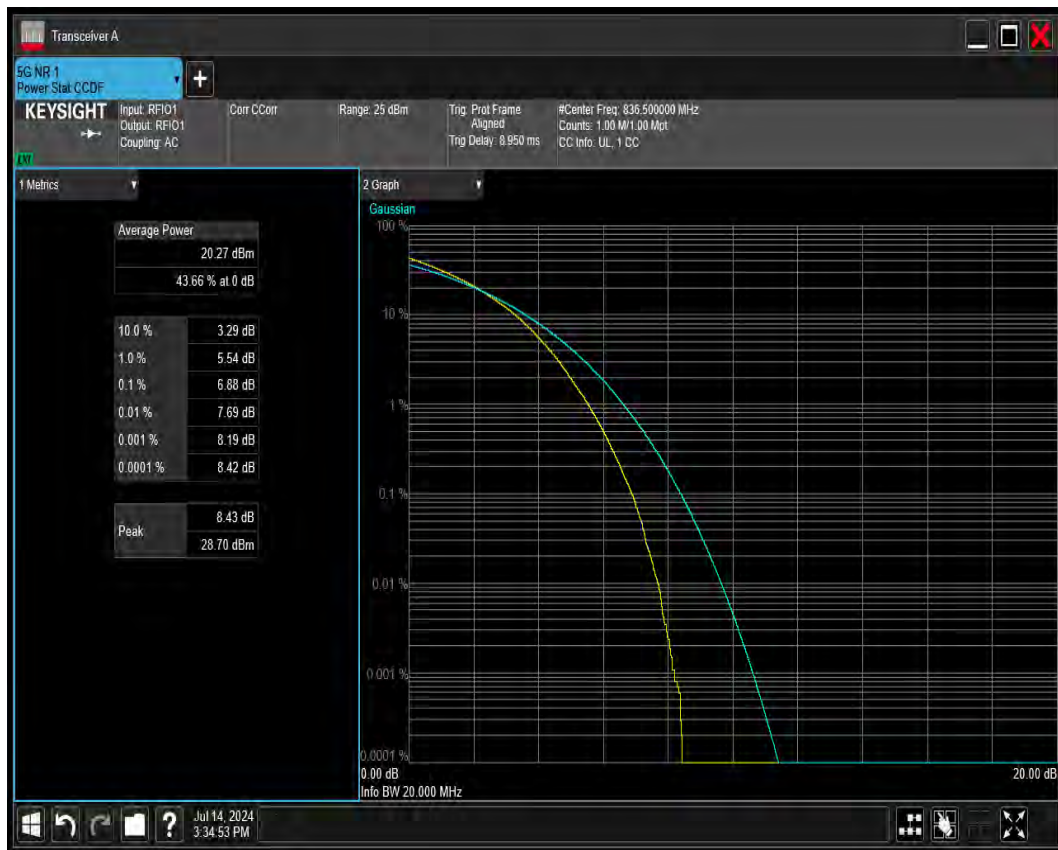
n5 SCS=15kHz DFT_QAM16 BW=20MHz Channel=167300 RB=100@0



n5 SCS=15kHz DFT_QAM64 BW=20MHz Channel=167300 RB=100@0



n5 SCS=15kHz DFT_QAM256 BW=20MHz Channel=167300 RB=100@0

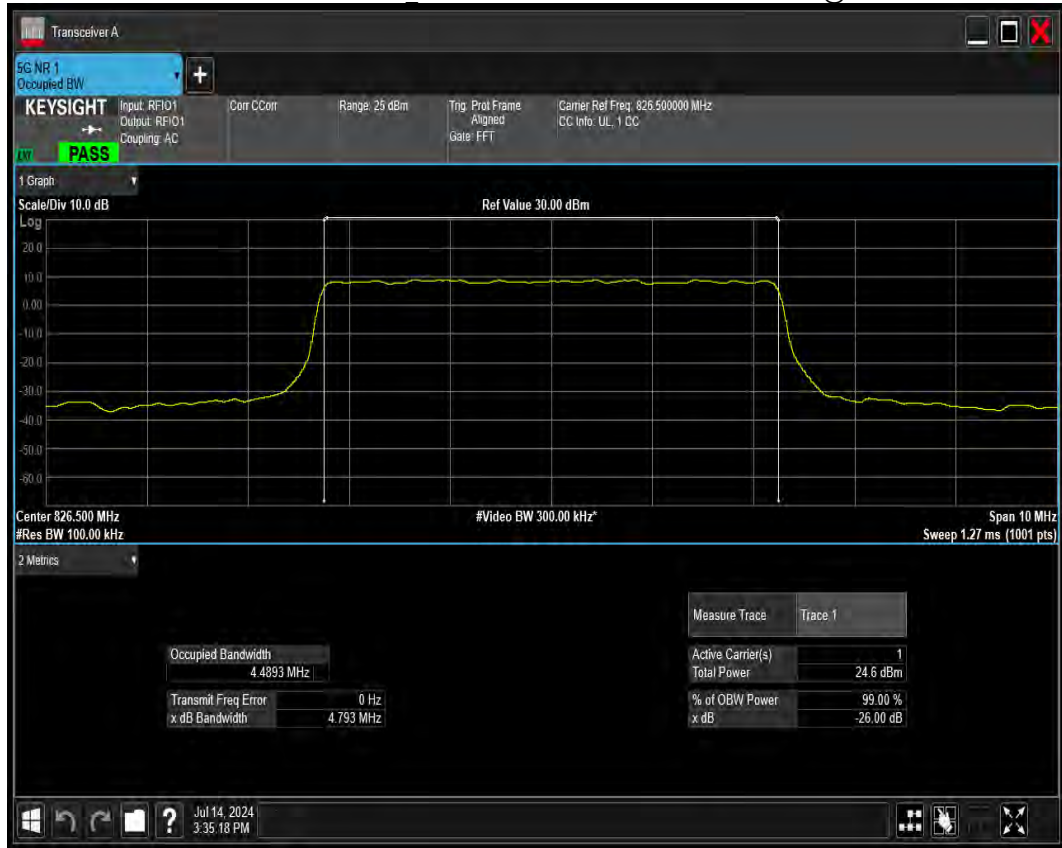


4 Occupied bandwidth for NR FR1

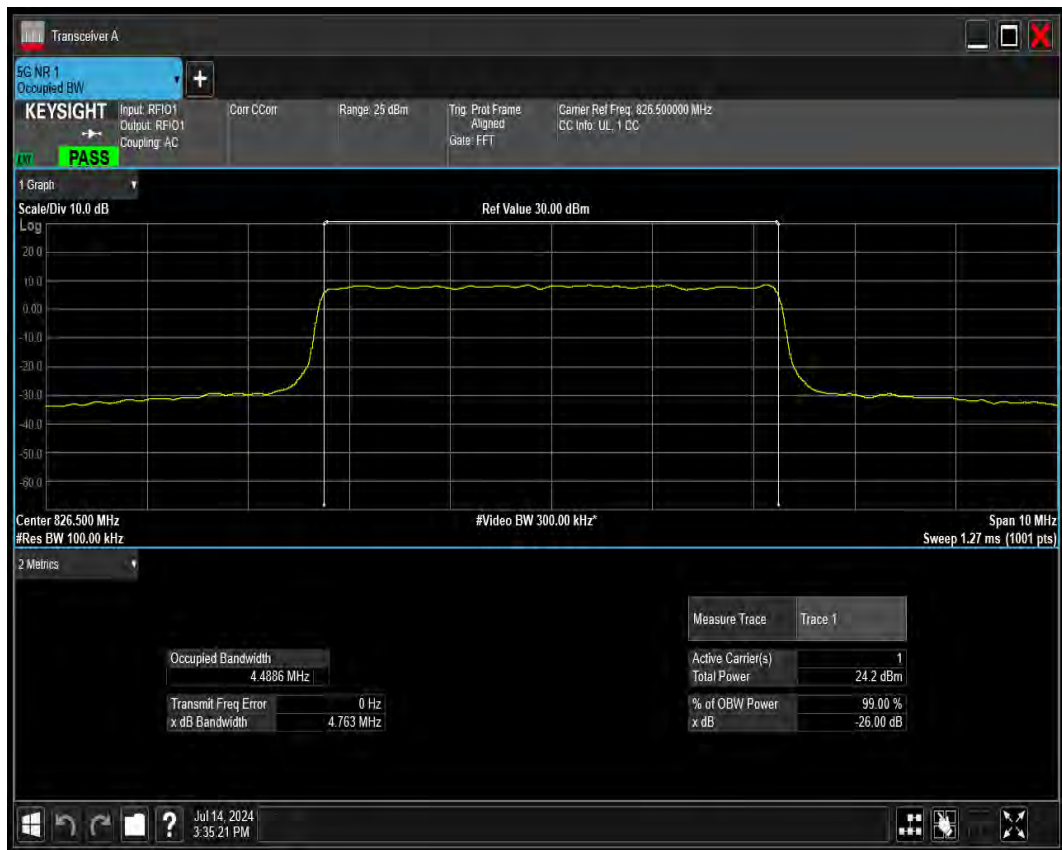
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n5	15	5	165300	25@0	DFT_BPSK	4.490	4.790	PASS
n5	15	5	165300	25@0	DFT_QPSK	4.490	4.760	PASS
n5	15	5	165300	25@0	DFT_QAM16	4.490	4.770	PASS
n5	15	5	165300	25@0	DFT_QAM64	4.490	4.760	PASS
n5	15	5	165300	25@0	DFT_QAM256	4.480	4.770	PASS
n5	15	5	165300	25@0	CP_QPSK	4.490	4.780	PASS
n5	15	5	167300	25@0	DFT_BPSK	4.500	4.780	PASS
n5	15	5	167300	25@0	DFT_QPSK	4.500	4.810	PASS
n5	15	5	167300	25@0	DFT_QAM16	4.490	4.760	PASS
n5	15	5	167300	25@0	DFT_QAM64	4.500	4.790	PASS
n5	15	5	167300	25@0	DFT_QAM256	4.490	4.770	PASS
n5	15	5	167300	25@0	CP_QPSK	4.490	4.780	PASS
n5	15	5	169300	25@0	DFT_BPSK	4.480	4.770	PASS
n5	15	5	169300	25@0	DFT_QPSK	4.500	4.770	PASS
n5	15	5	169300	25@0	DFT_QAM16	4.490	4.760	PASS
n5	15	5	169300	25@0	DFT_QAM64	4.490	4.780	PASS
n5	15	5	169300	25@0	DFT_QAM256	4.480	4.750	PASS
n5	15	5	169300	25@0	CP_QPSK	4.490	4.770	PASS
n5	15	10	165800	50@0	DFT_BPSK	9.200	9.460	PASS
n5	15	10	165800	50@0	DFT_QPSK	9.180	9.460	PASS
n5	15	10	165800	50@0	DFT_QAM16	9.220	9.470	PASS
n5	15	10	165800	50@0	DFT_QAM64	9.210	9.450	PASS
n5	15	10	165800	50@0	DFT_QAM256	9.210	9.450	PASS
n5	15	10	165800	52@0	CP_QPSK	9.300	9.840	PASS
n5	15	10	167300	50@0	DFT_BPSK	9.210	9.470	PASS
n5	15	10	167300	50@0	DFT_QPSK	9.210	9.470	PASS
n5	15	10	167300	50@0	DFT_QAM16	9.220	9.460	PASS
n5	15	10	167300	50@0	DFT_QAM64	9.210	9.480	PASS
n5	15	10	167300	50@0	DFT_QAM256	9.220	9.460	PASS
n5	15	10	167300	52@0	CP_QPSK	9.330	9.850	PASS
n5	15	10	168800	50@0	DFT_BPSK	9.200	9.460	PASS
n5	15	10	168800	50@0	DFT_QPSK	9.200	9.450	PASS
n5	15	10	168800	50@0	DFT_QAM16	9.210	9.450	PASS
n5	15	10	168800	50@0	DFT_QAM64	9.210	9.460	PASS
n5	15	10	168800	50@0	DFT_QAM256	9.210	9.450	PASS
n5	15	10	168800	52@0	CP_QPSK	9.300	9.830	PASS
n5	15	15	166300	75@0	DFT_BPSK	14.000	14.200	PASS
n5	15	15	166300	75@0	DFT_QPSK	14.050	14.200	PASS
n5	15	15	166300	75@0	DFT_QAM16	14.050	14.200	PASS

n5	15	15	166300	75@0	DFT_QAM64	13.990	14.170	PASS
n5	15	15	166300	75@0	DFT_QAM256	14.000	14.180	PASS
n5	15	15	166300	79@0	CP_QPSK	14.160	14.930	PASS
n5	15	15	167300	75@0	DFT_BPSK	14.000	14.210	PASS
n5	15	15	167300	75@0	DFT_QPSK	13.990	14.200	PASS
n5	15	15	167300	75@0	DFT_QAM16	14.000	14.200	PASS
n5	15	15	167300	75@0	DFT_QAM64	14.040	14.200	PASS
n5	15	15	167300	75@0	DFT_QAM256	14.040	14.190	PASS
n5	15	15	167300	79@0	CP_QPSK	14.170	14.940	PASS
n5	15	15	168300	75@0	DFT_BPSK	13.990	14.200	PASS
n5	15	15	168300	75@0	DFT_QPSK	13.980	14.190	PASS
n5	15	15	168300	75@0	DFT_QAM16	14.000	14.210	PASS
n5	15	15	168300	75@0	DFT_QAM64	14.000	14.190	PASS
n5	15	15	168300	75@0	DFT_QAM256	14.000	14.200	PASS
n5	15	15	168300	79@0	CP_QPSK	14.170	14.930	PASS
n5	15	20	166800	100@0	DFT_BPSK	18.750	18.900	PASS
n5	15	20	166800	100@0	DFT_QPSK	18.800	18.890	PASS
n5	15	20	166800	100@0	DFT_QAM16	18.750	18.890	PASS
n5	15	20	166800	100@0	DFT_QAM64	18.820	18.900	PASS
n5	15	20	166800	100@0	DFT_QAM256	18.740	18.890	PASS
n5	15	20	166800	106@0	CP_QPSK	18.980	19.990	PASS
n5	15	20	167300	100@0	DFT_BPSK	18.800	18.900	PASS
n5	15	20	167300	100@0	DFT_QPSK	18.820	18.900	PASS
n5	15	20	167300	100@0	DFT_QAM16	18.750	18.880	PASS
n5	15	20	167300	100@0	DFT_QAM64	18.830	18.900	PASS
n5	15	20	167300	100@0	DFT_QAM256	18.750	18.880	PASS
n5	15	20	167300	106@0	CP_QPSK	18.980	20.010	PASS
n5	15	20	167800	100@0	DFT_BPSK	18.810	18.900	PASS
n5	15	20	167800	100@0	DFT_QPSK	18.810	18.900	PASS
n5	15	20	167800	100@0	DFT_QAM16	18.760	18.890	PASS
n5	15	20	167800	100@0	DFT_QAM64	18.820	18.900	PASS
n5	15	20	167800	100@0	DFT_QAM256	18.750	18.910	PASS
n5	15	20	167800	106@0	CP_QPSK	18.980	19.990	PASS

n5 SCS=15kHz DFT BPSK BW=5MHz Channel=165300 RB=25@0



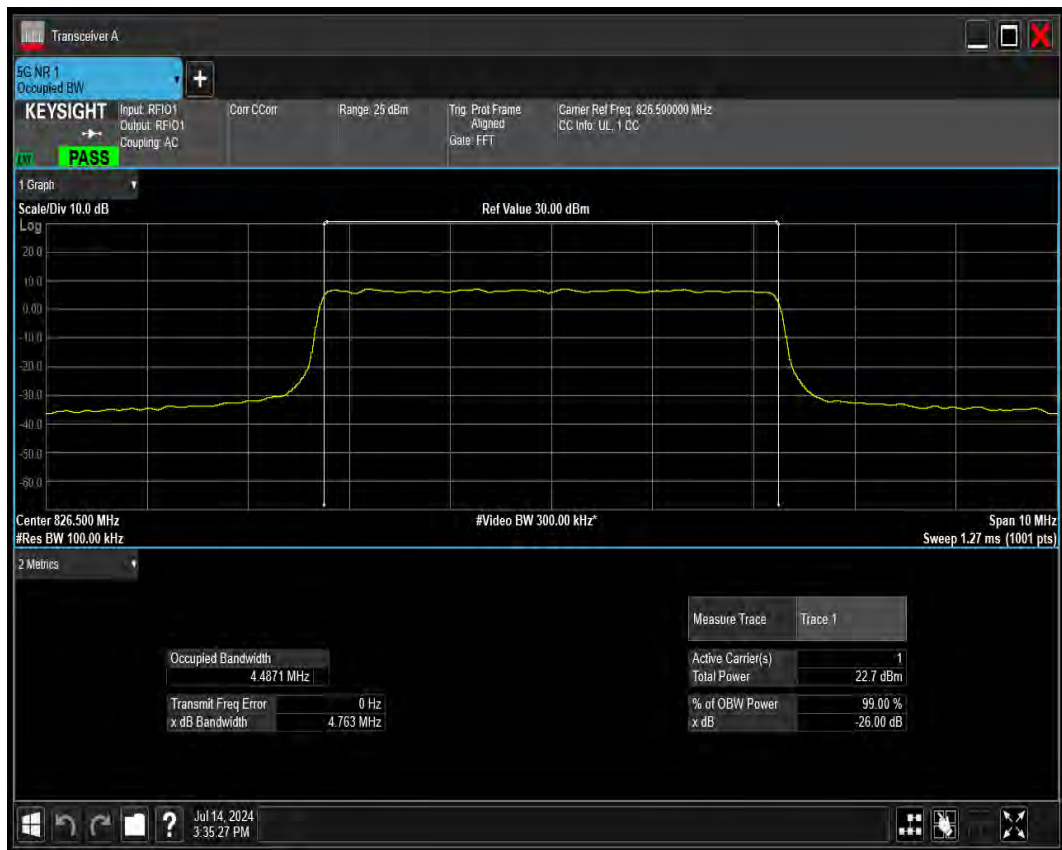
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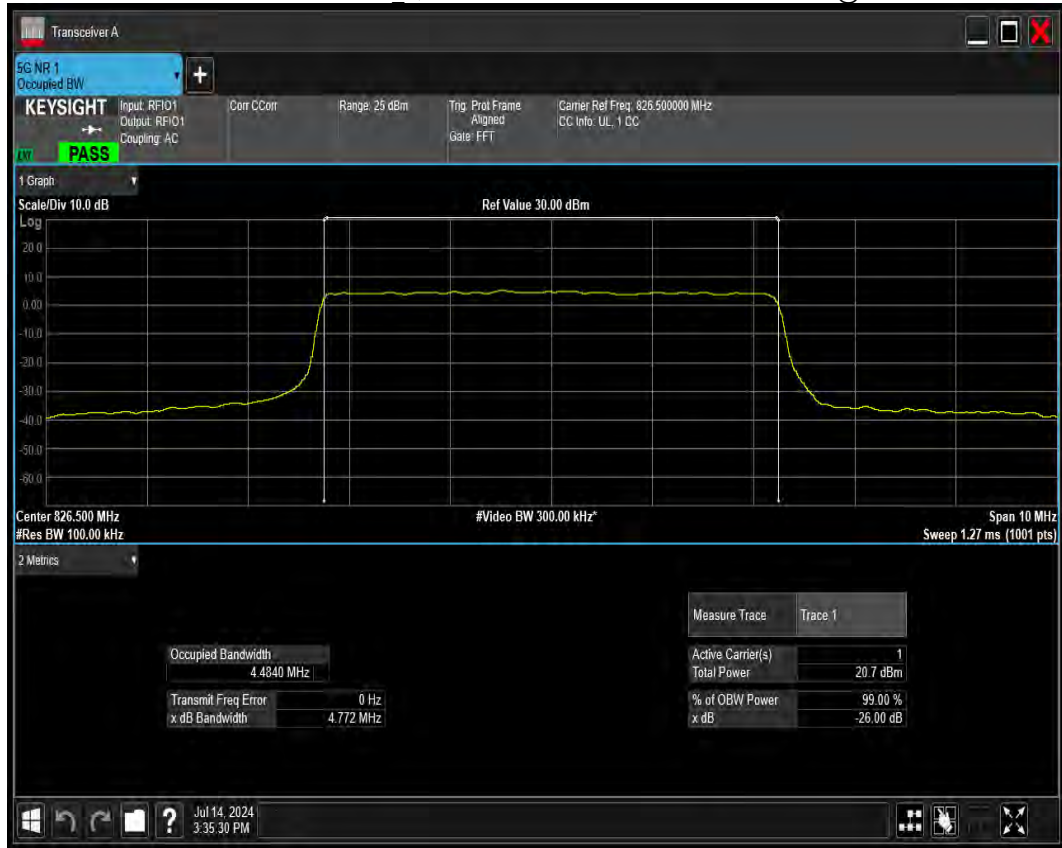
n5 SCS=15kHz DFT_QAM16 BW=5MHz Channel=165300 RB=25@0



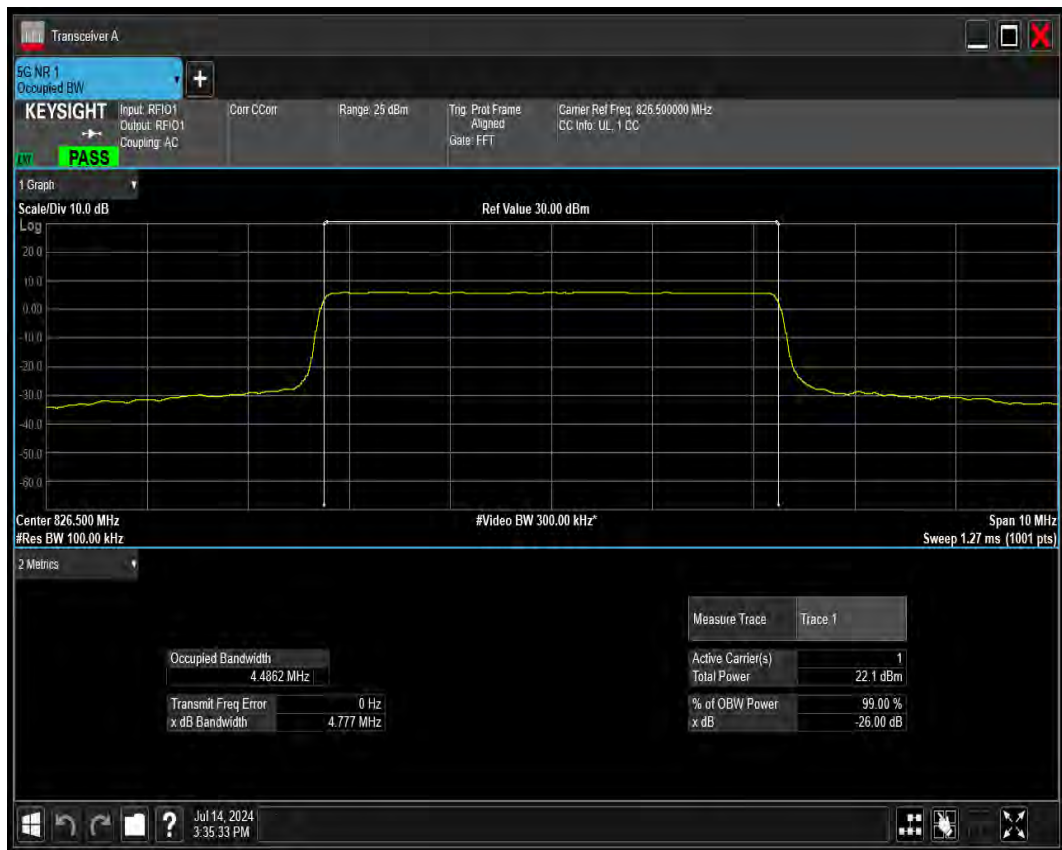
n5 SCS=15kHz DFT_QAM64 BW=5MHz Channel=165300 RB=25@0



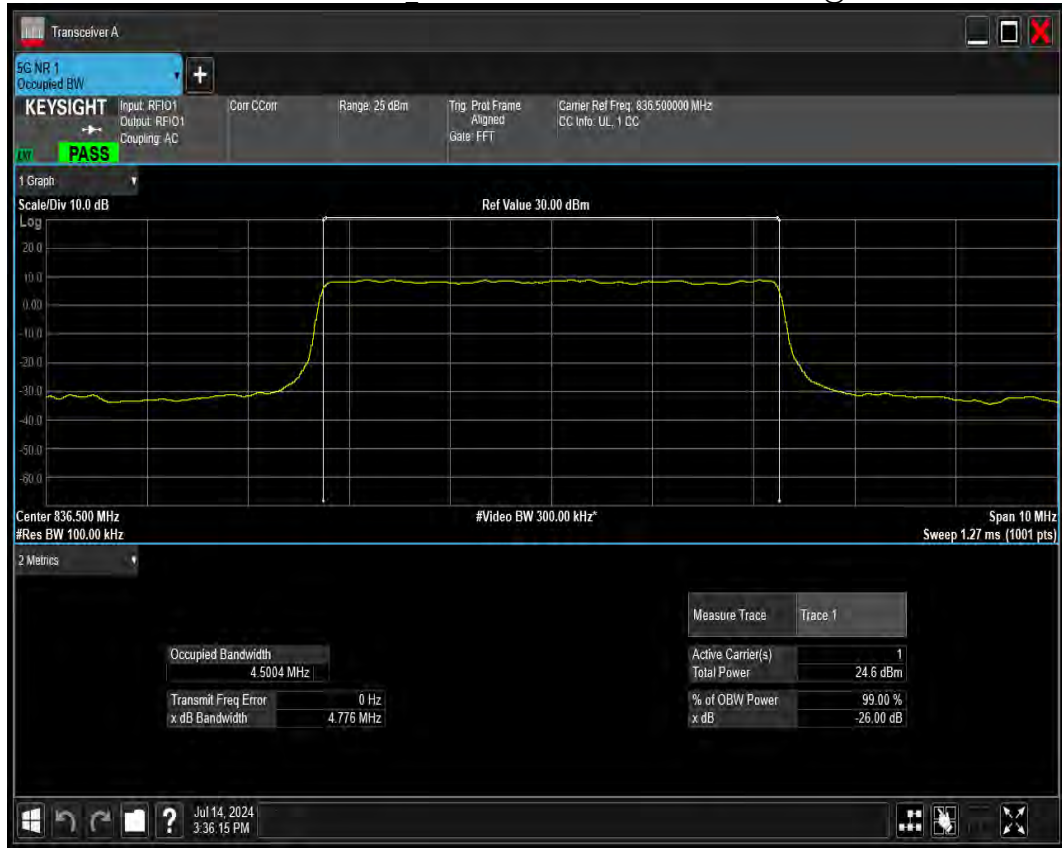
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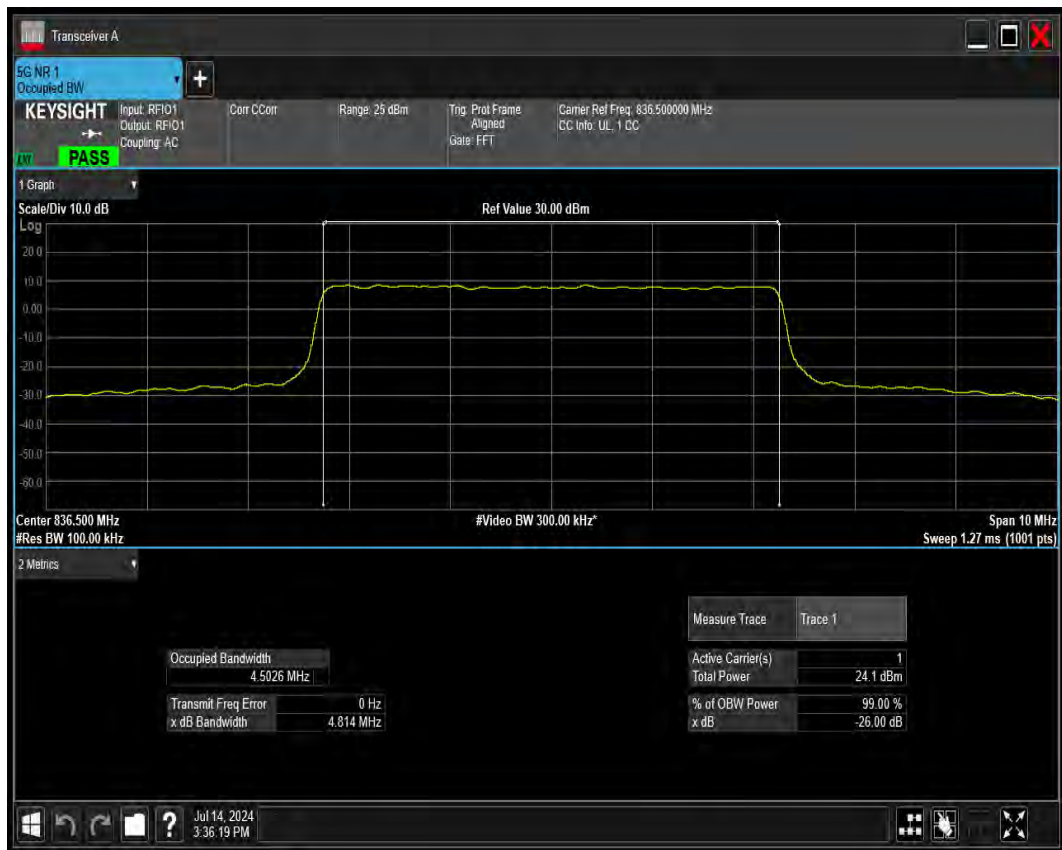
n5 SCS=15kHz CP_QPSK BW=5MHz Channel=165300 RB=25@0



n5 SCS=15kHz DFT BPSK BW=5MHz Channel=167300 RB=25@0



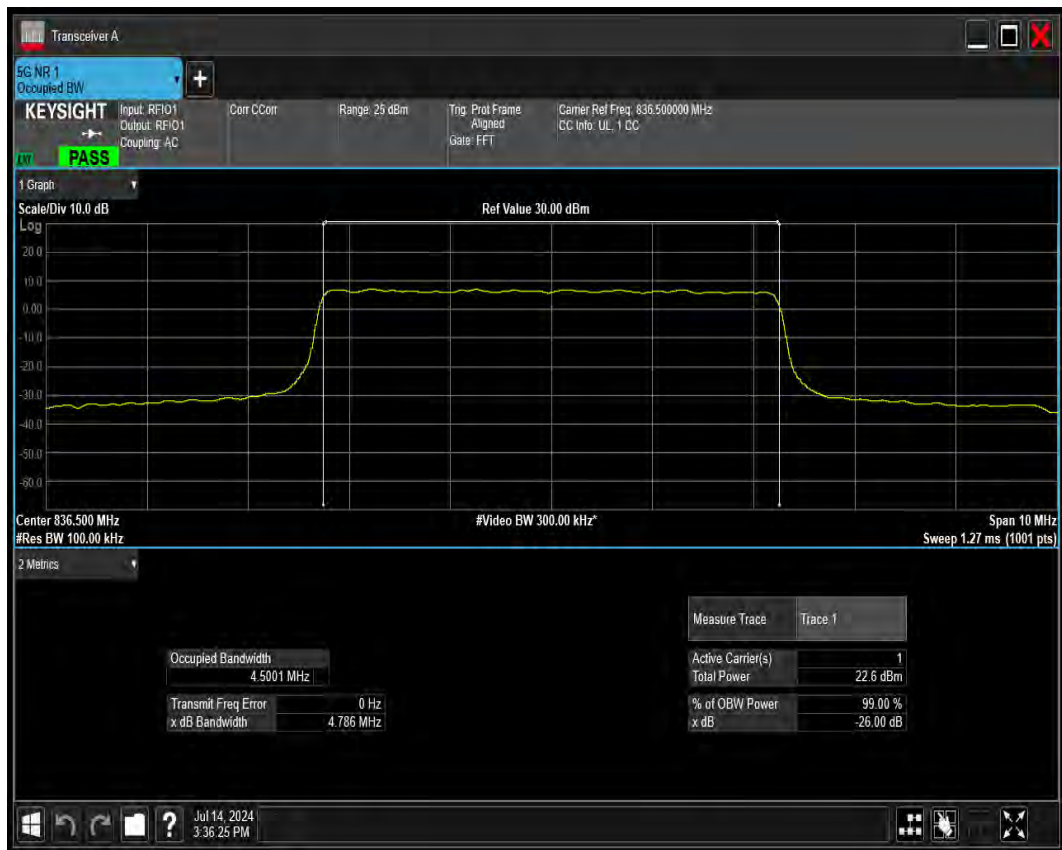
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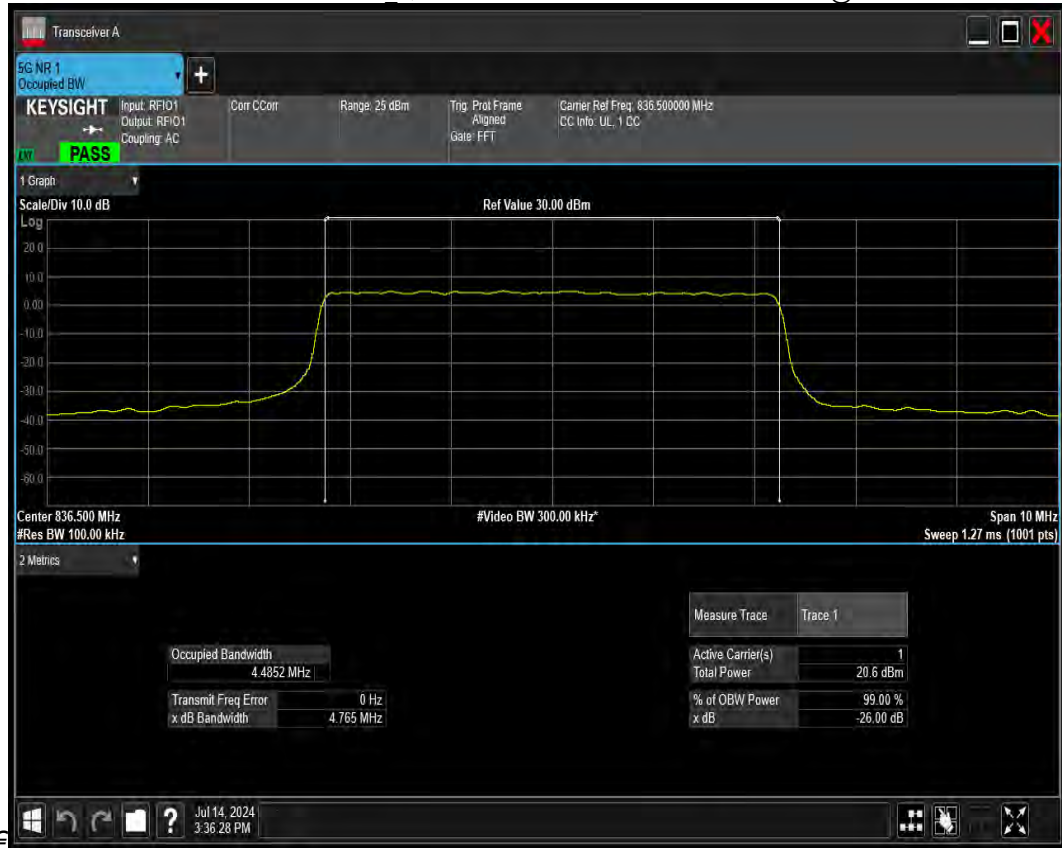
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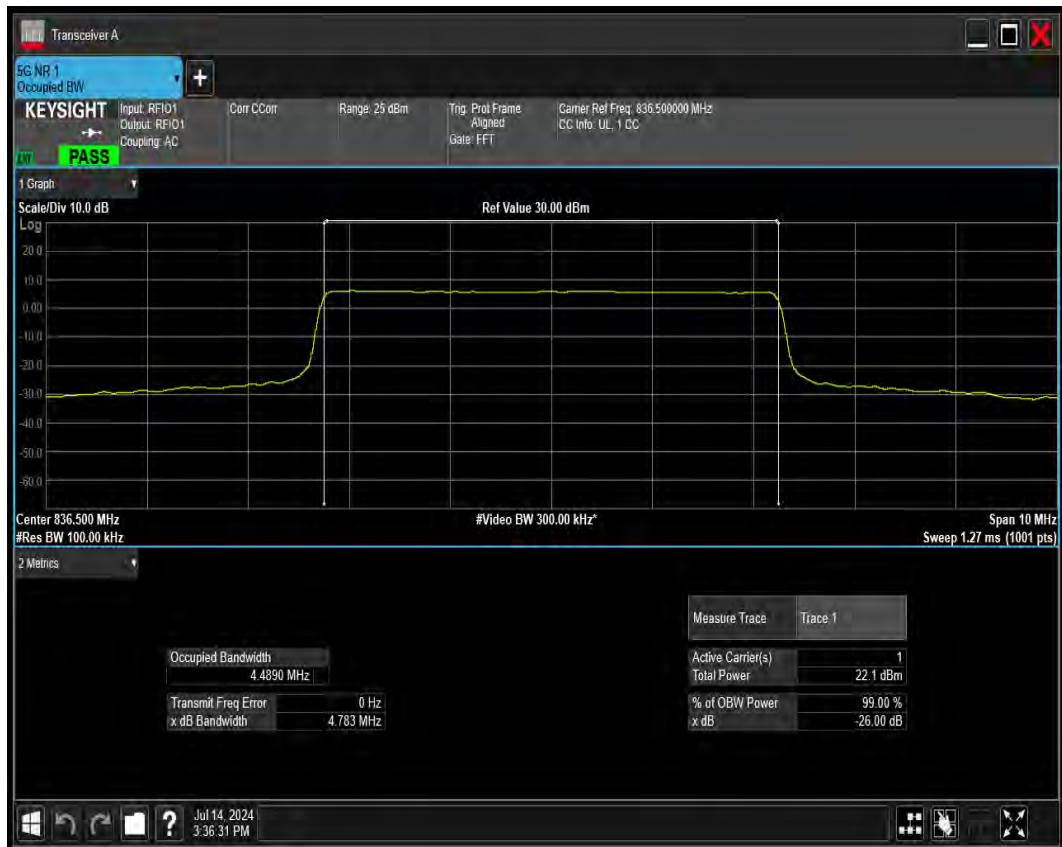
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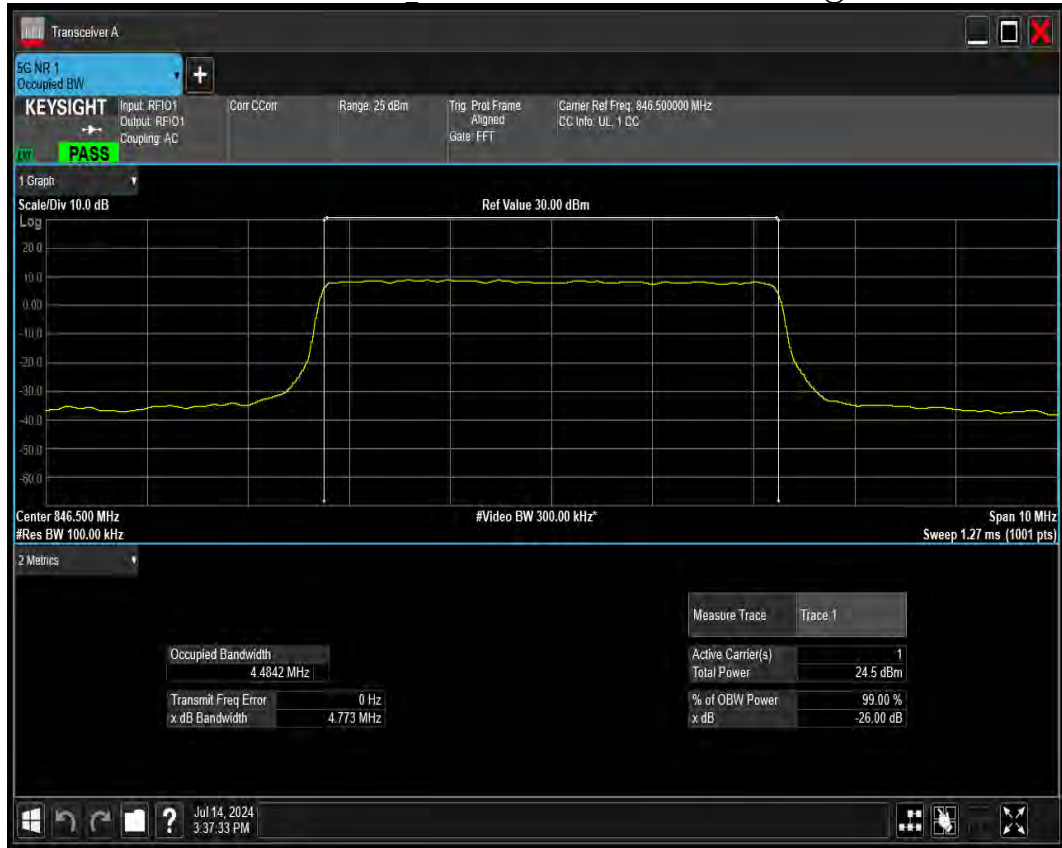
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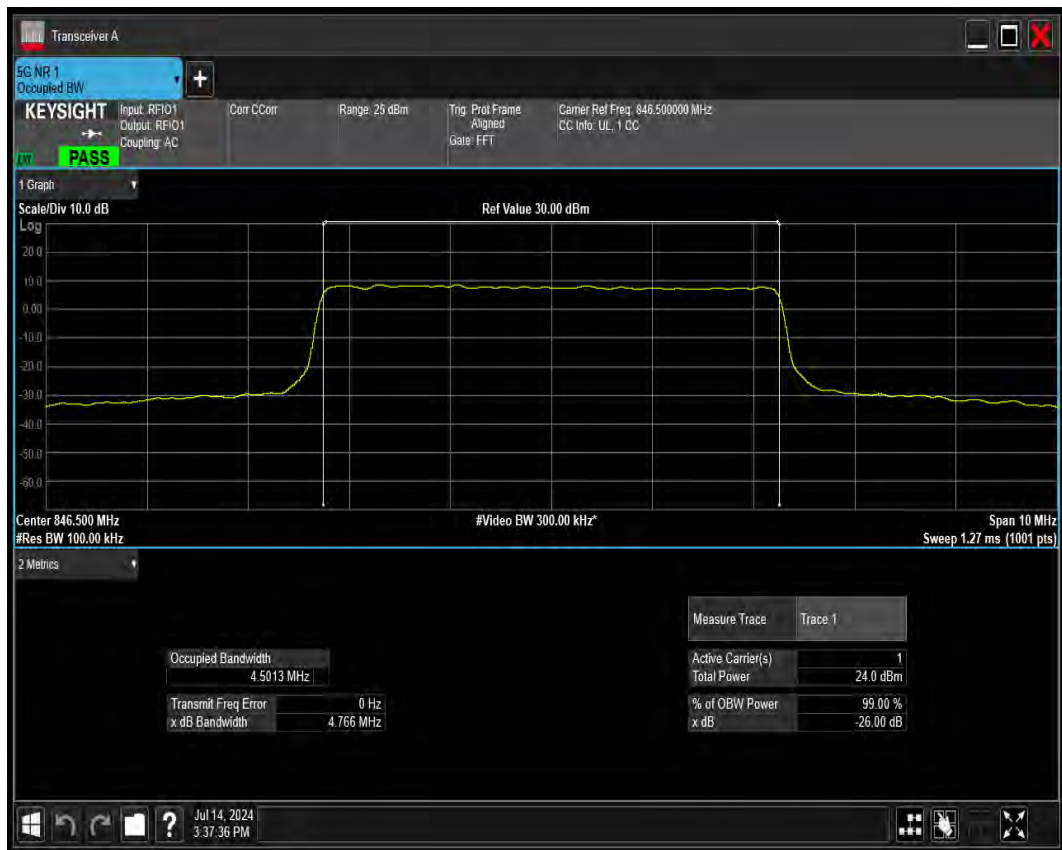
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n5 SCS=15kHz DFT BPSK BW=5MHz Channel=169300 RB=25@0



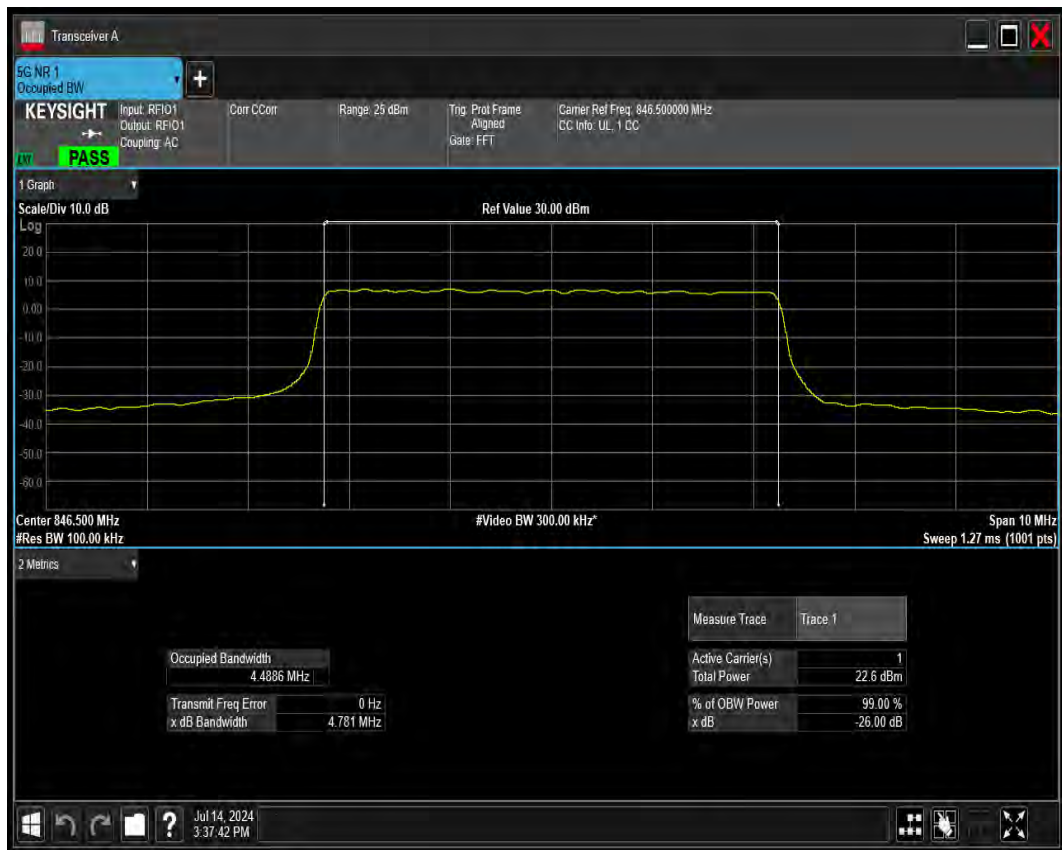
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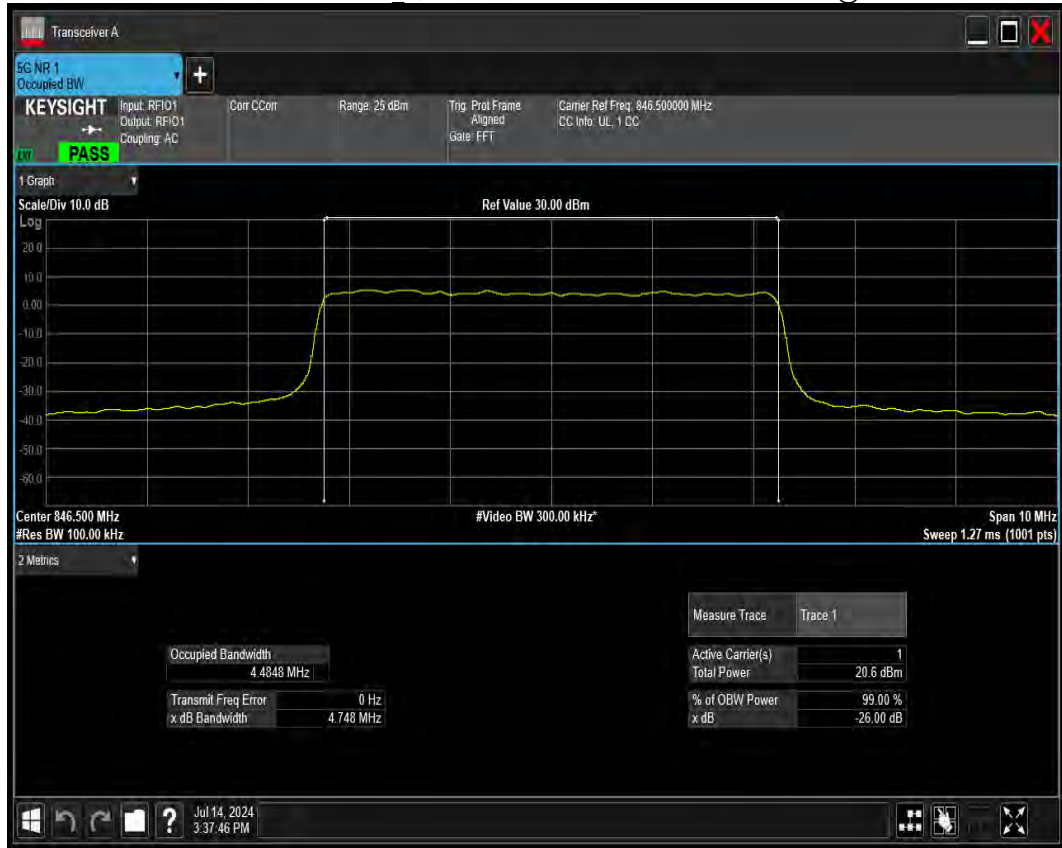
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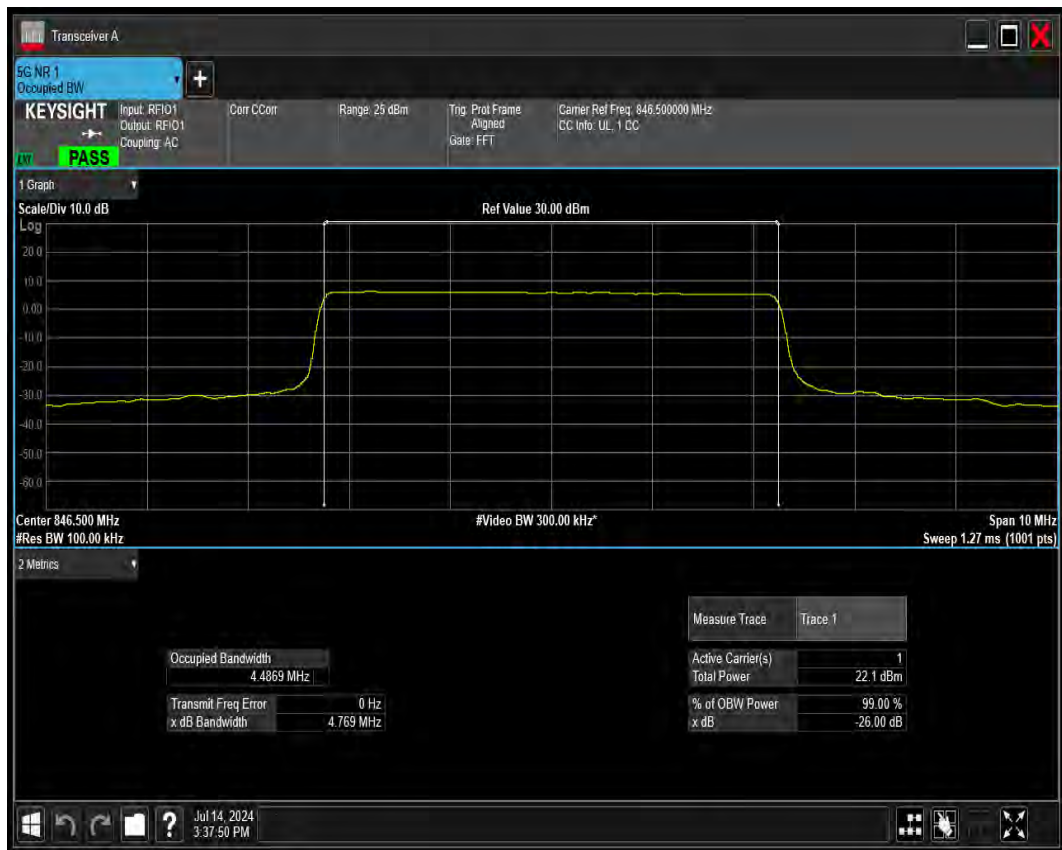
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n5 SCS=15kHz DFT QAM256 BW=5MHz Channel=169300 RB=25@0



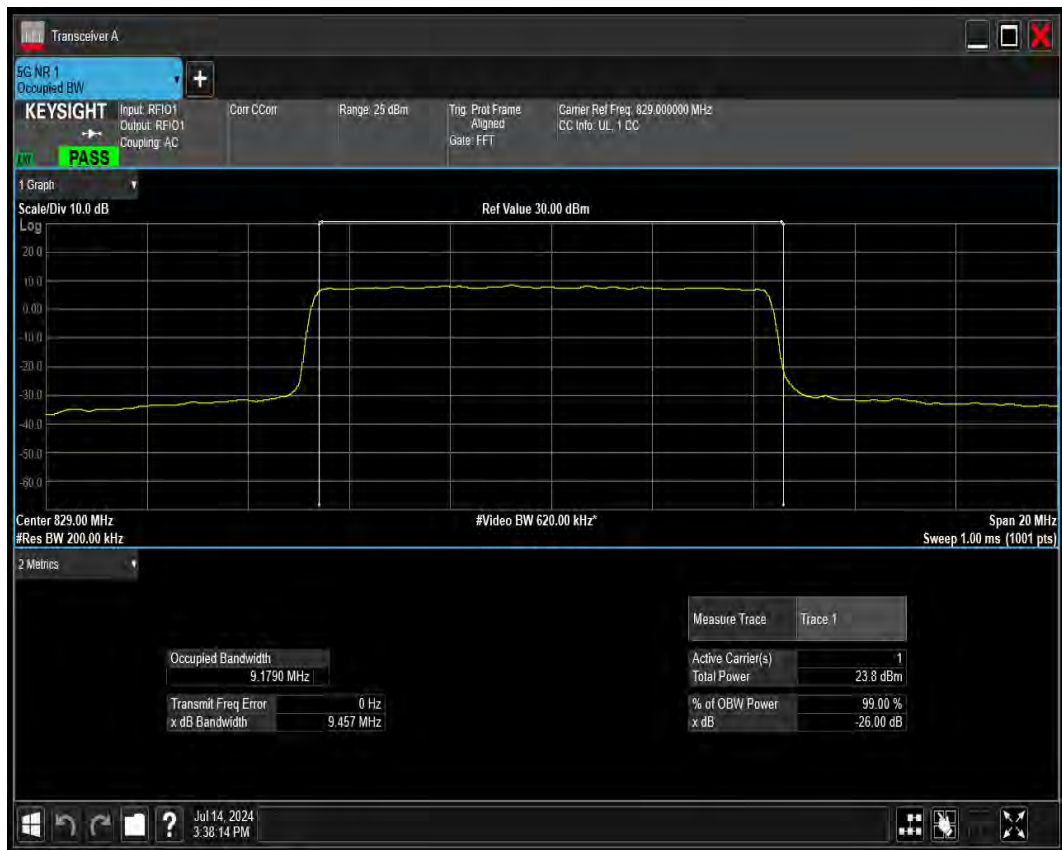
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n5 SCS=15kHz DFT BPSK BW=10MHz Channel=165800 RB=50@0



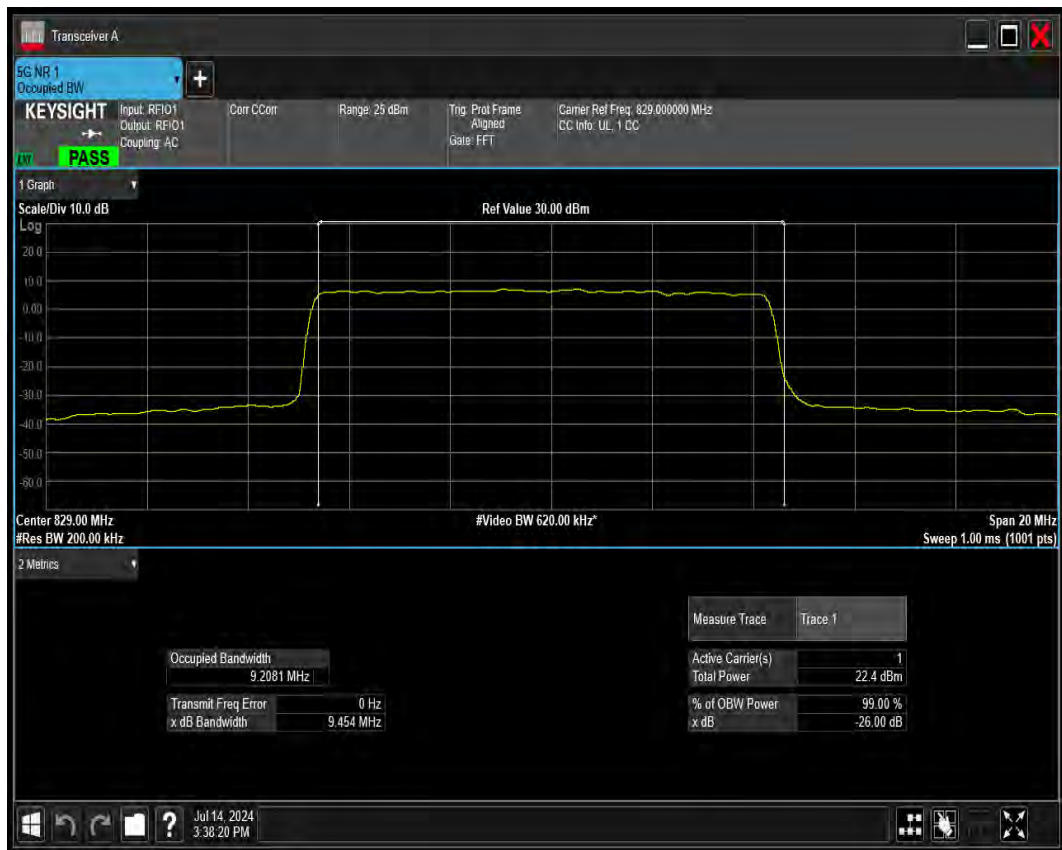
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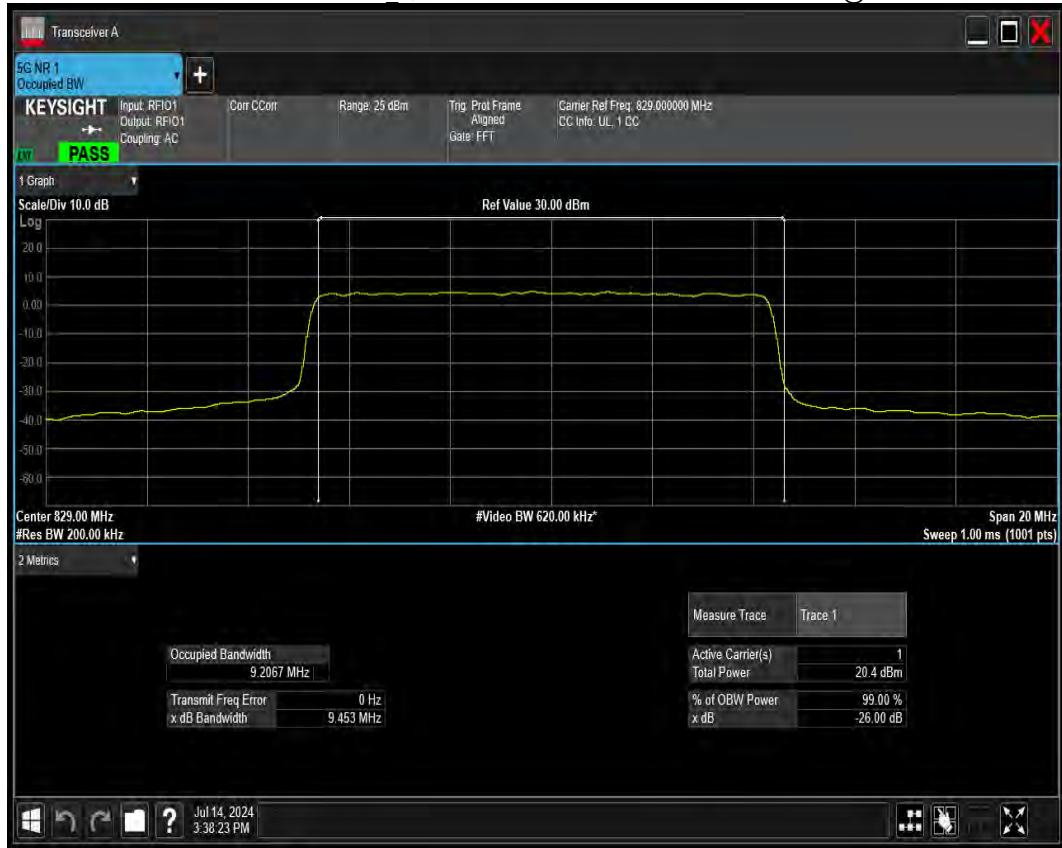
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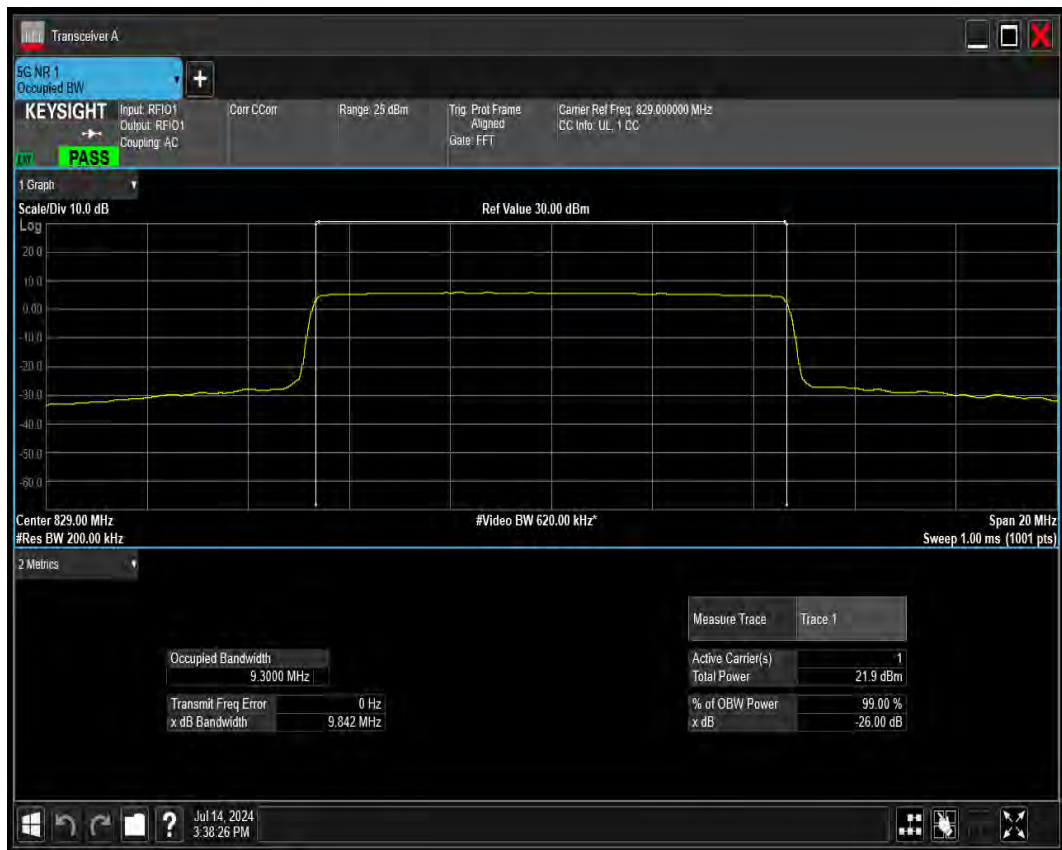
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n5 SCS=15kHz DFT_QAM256 BW=10MHz Channel=165800 RB=50@0



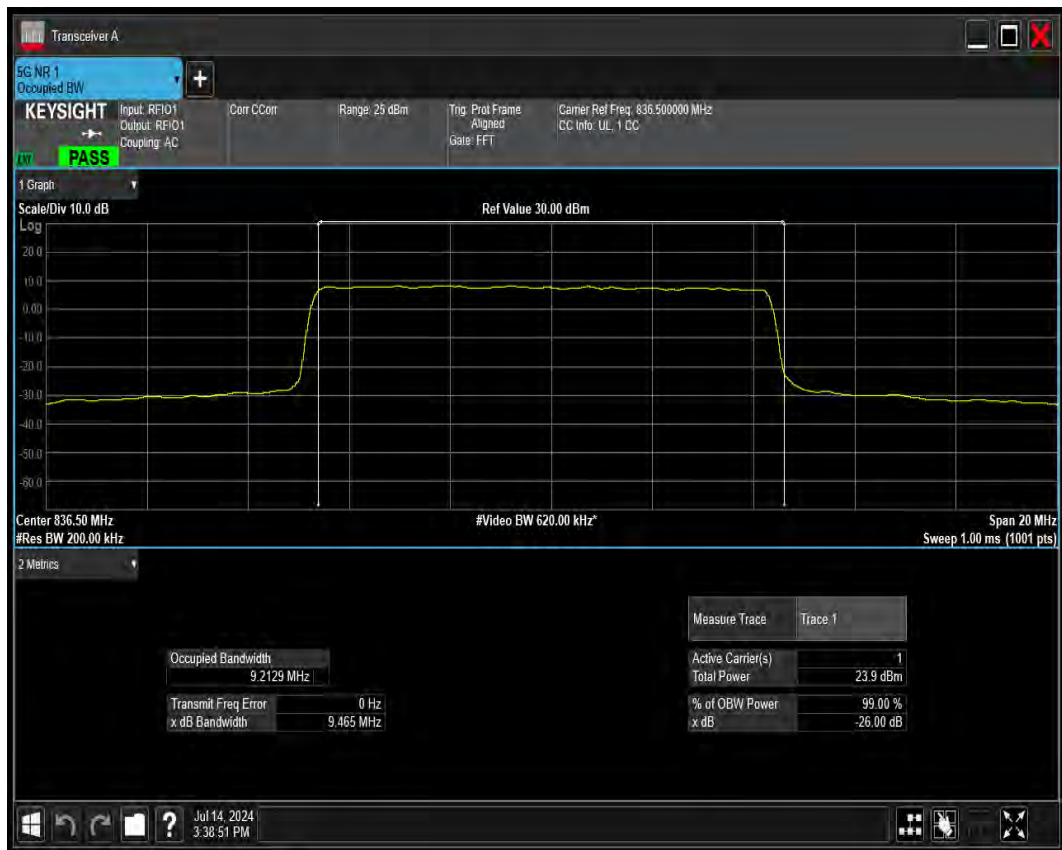
n5 SCS=15kHz CP_QPSK BW=10MHz Channel=165800 RB=52@0



n5 SCS=15kHz DFT BPSK BW=10MHz Channel=167300 RB=50@0



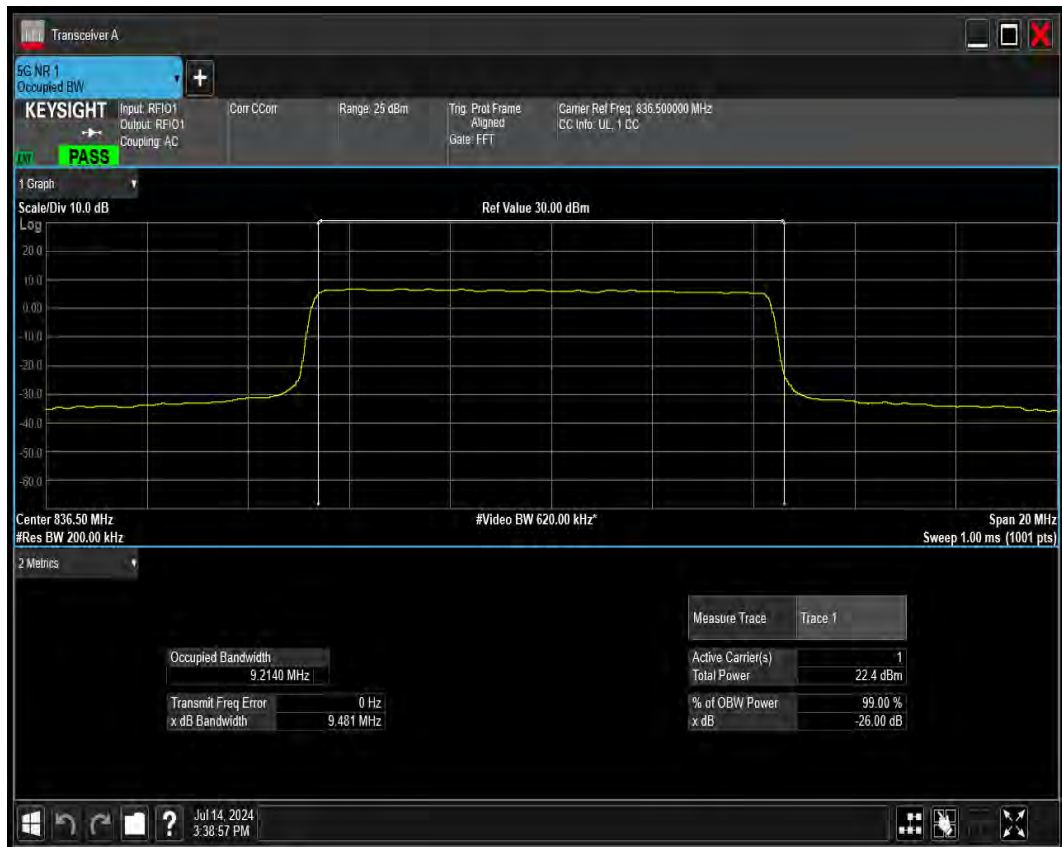
n5 SCS=15kHz DFT_QPSK BW=10MHz Channel=167300 RB=50@0



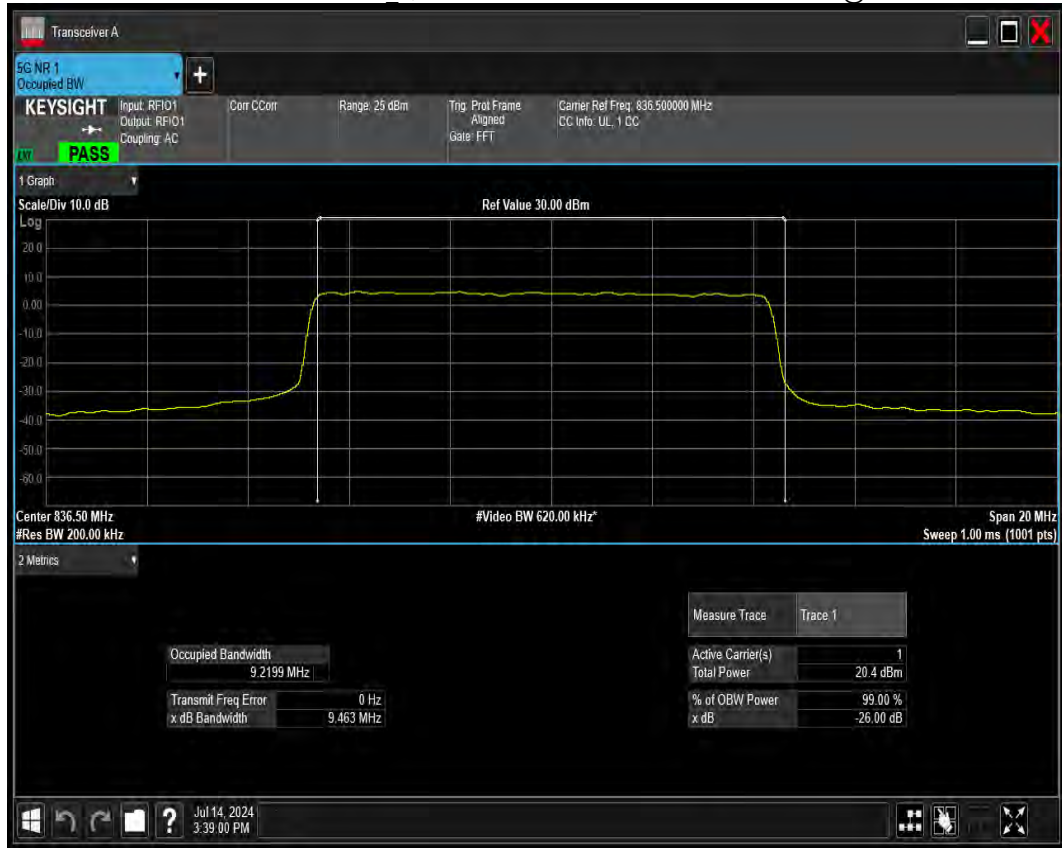
n5 SCS=15kHz DFT QAM16 BW=10MHz Channel=167300 RB=50@0



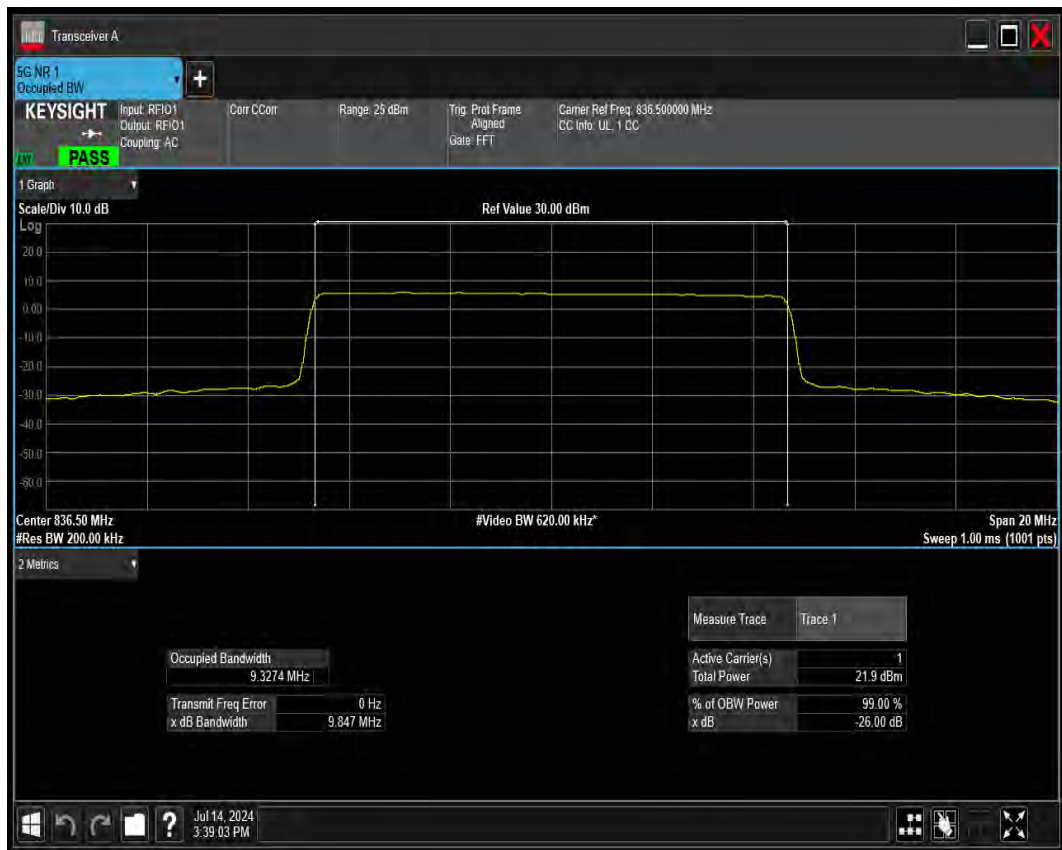
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n5 SCS=15kHz DFT_QAM256 BW=10MHz Channel=167300 RB=50@0



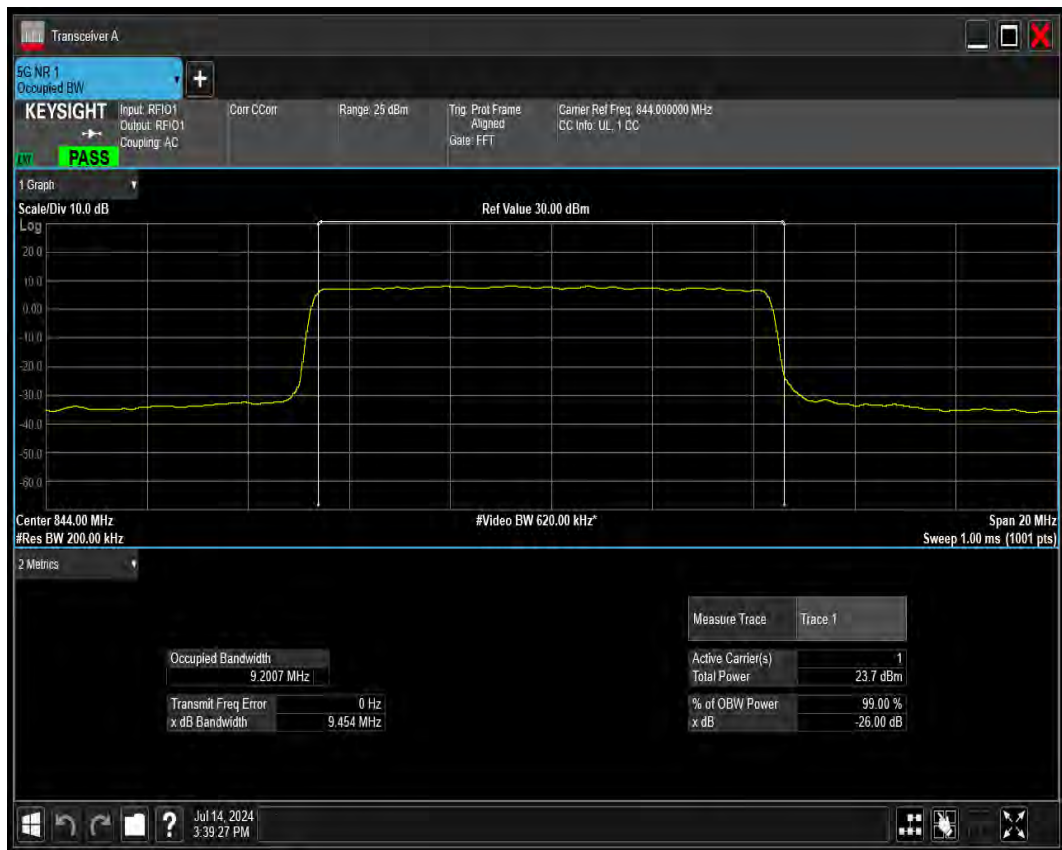
n5 SCS=15kHz CP_QPSK BW=10MHz Channel=167300 RB=52@0



n5 SCS=15kHz DFT BPSK BW=10MHz Channel=168800 RB=50@0



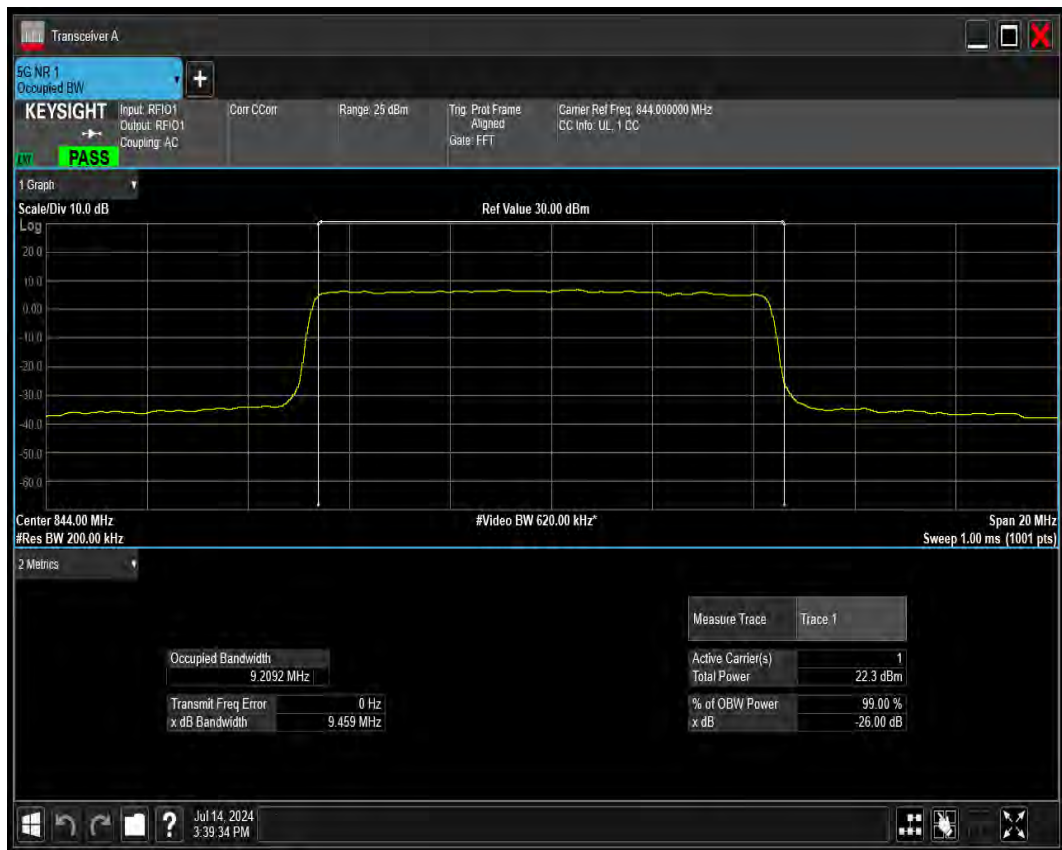
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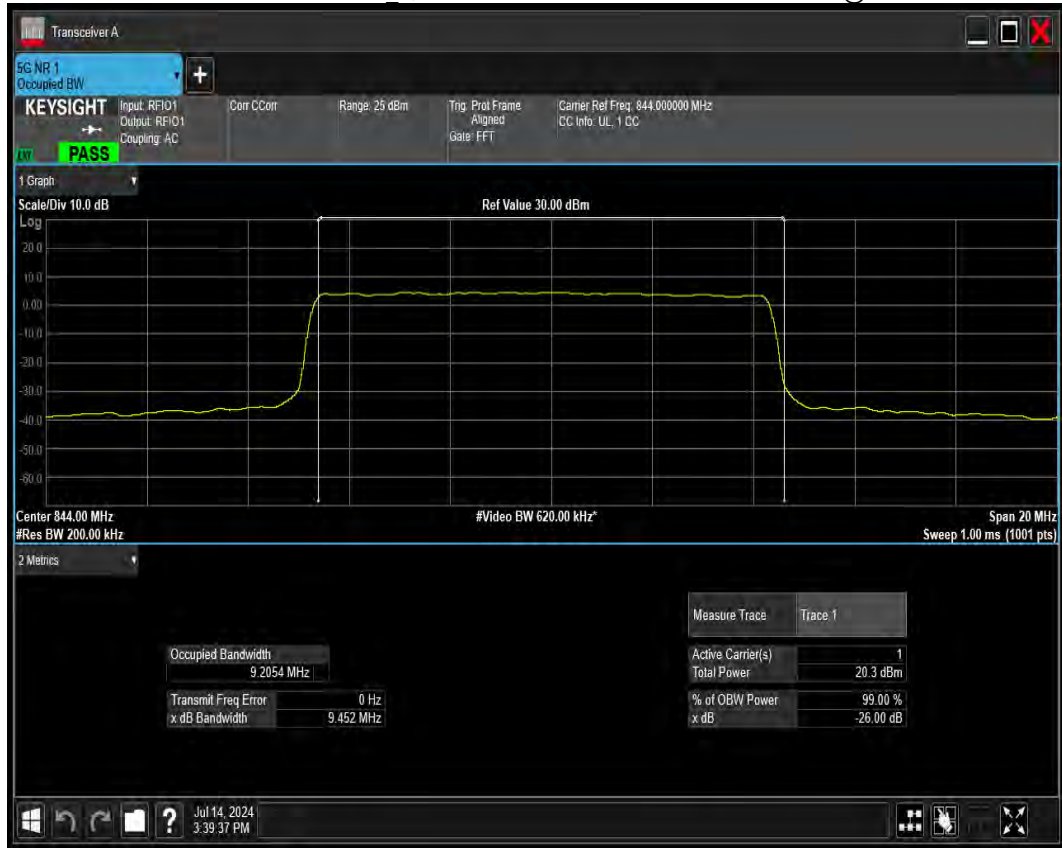
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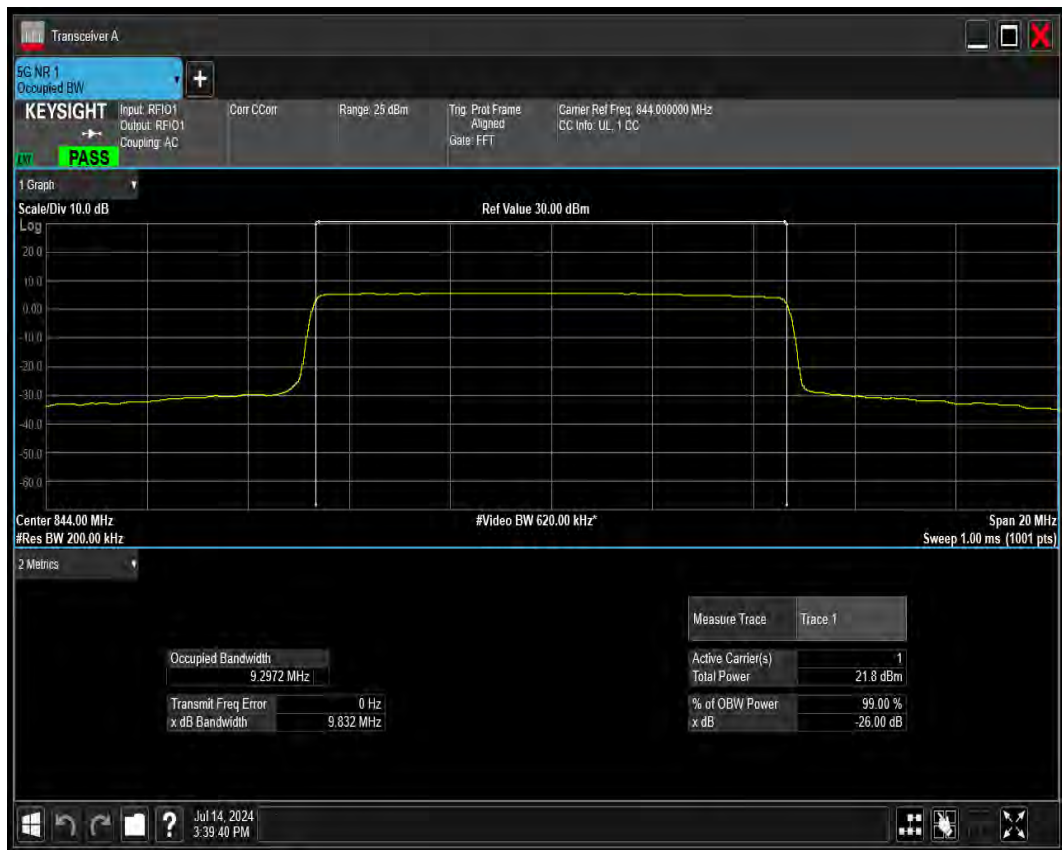
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n5 SCS=15kHz DFT_QAM256 BW=10MHz Channel=168800 RB=50@0



n5 SCS=15kHz CP_QPSK BW=10MHz Channel=168800 RB=52@0



n5 SCS=15kHz DFT BPSK BW=15MHz Channel=166300 RB=75@0



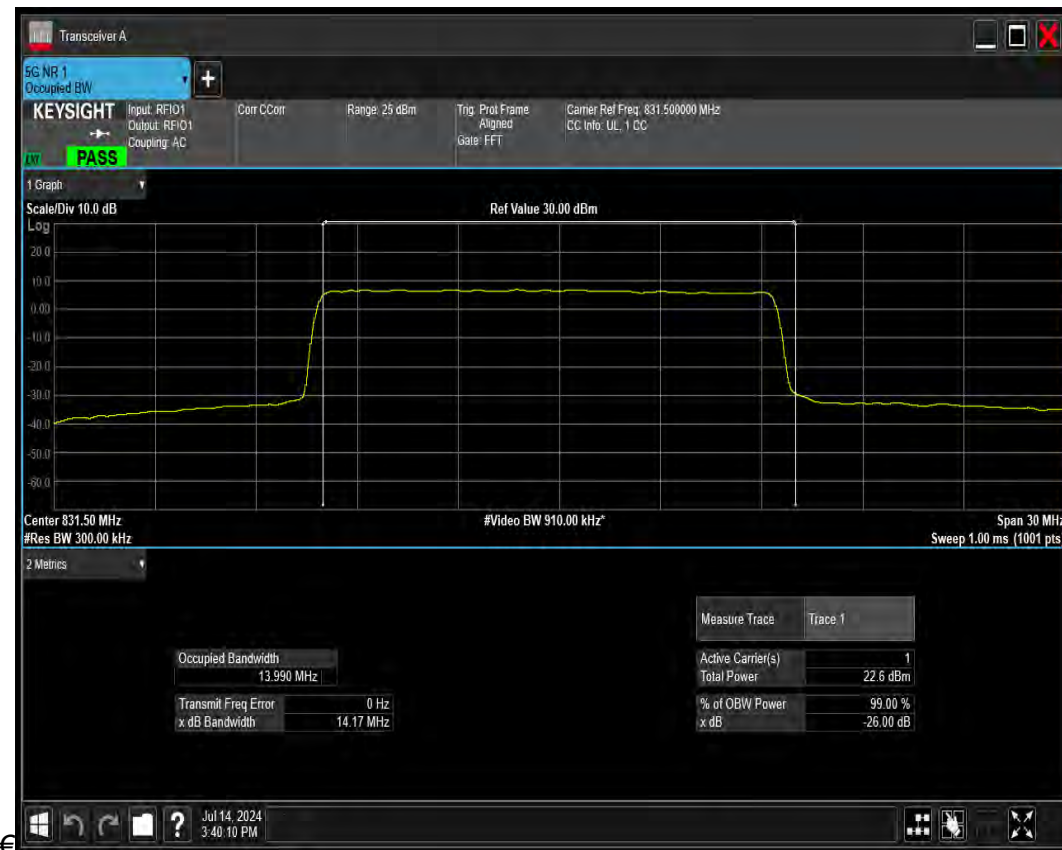
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n5 SCS=15kHz DFT QAM16 BW=15MHz Channel=166300 RB=75@0



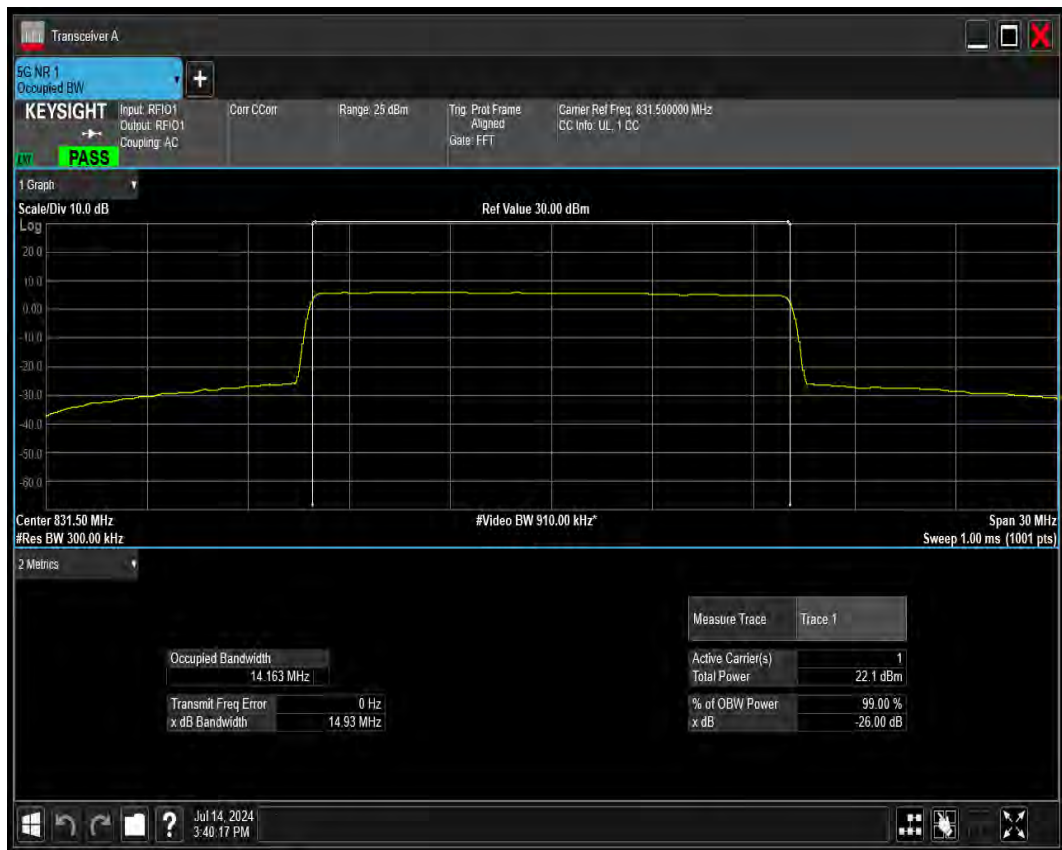
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n5 SCS=15kHz DFT_QAM256 BW=15MHz Channel=166300 RB=75@0



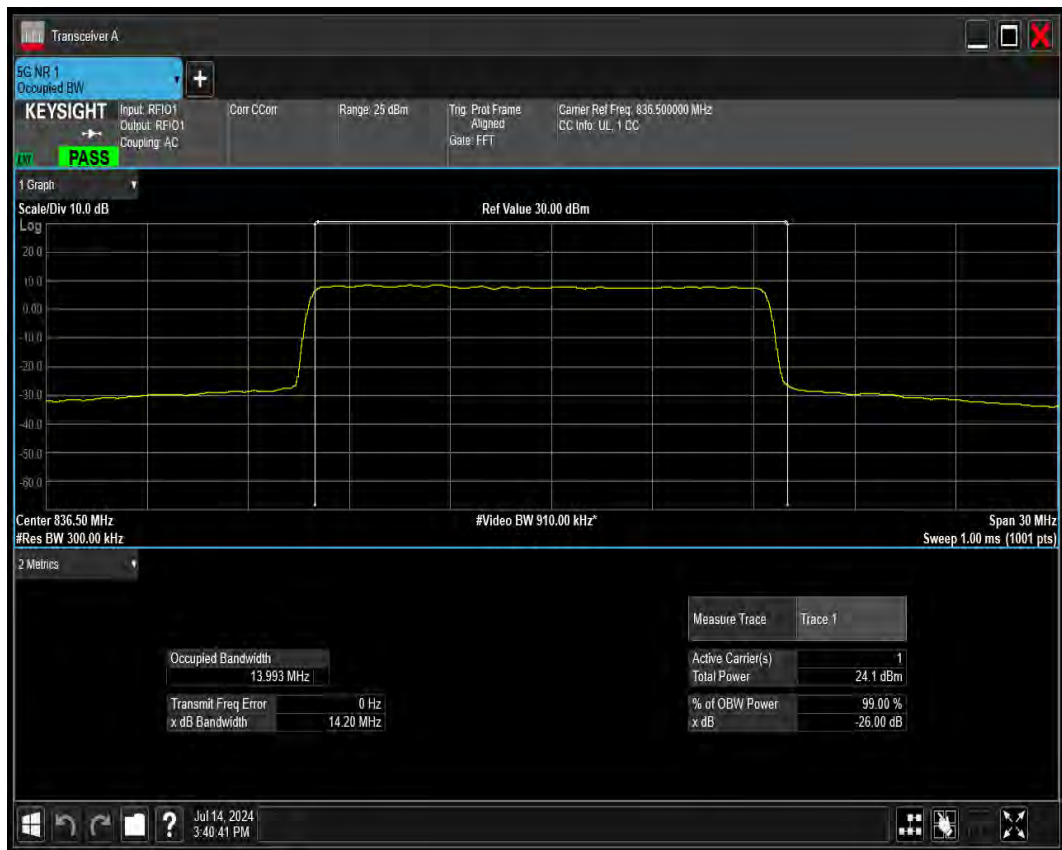
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n5 SCS=15kHz DFT BPSK BW=15MHz Channel=167300 RB=75@0



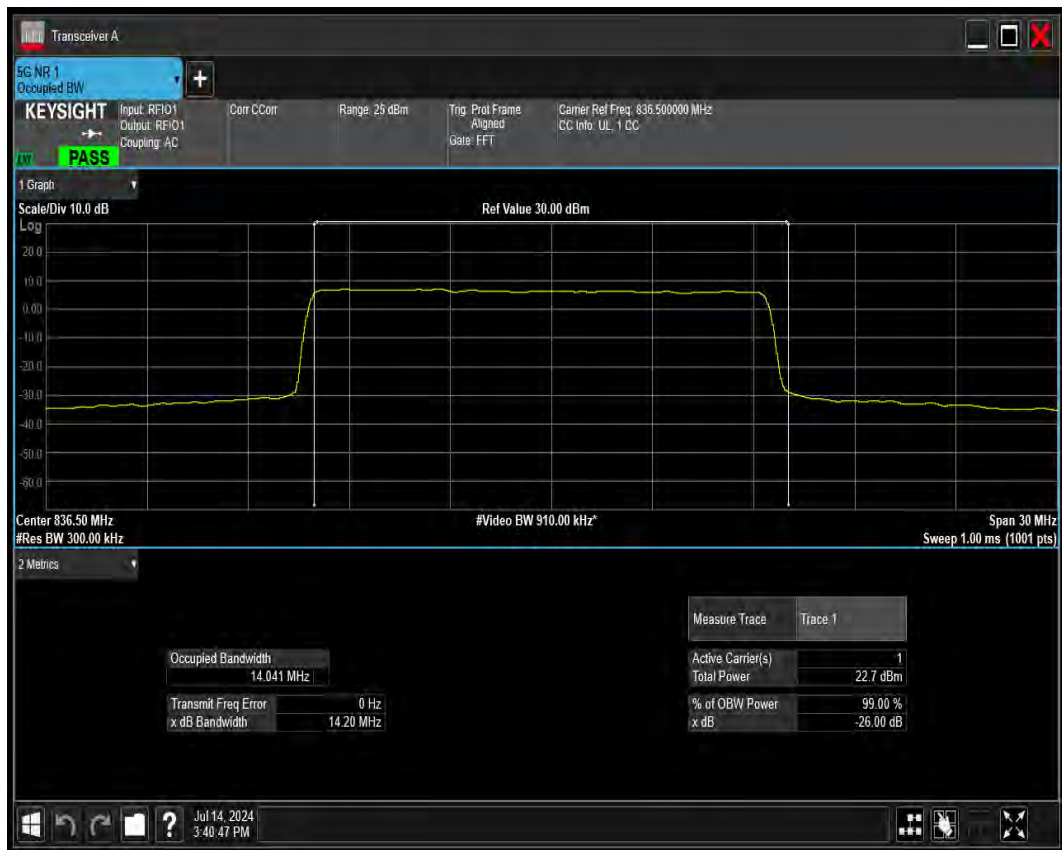
n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=167300 RB=75@0



n5 SCS=15kHz DFT QAM16 BW=15MHz Channel=167300 RB=75@0



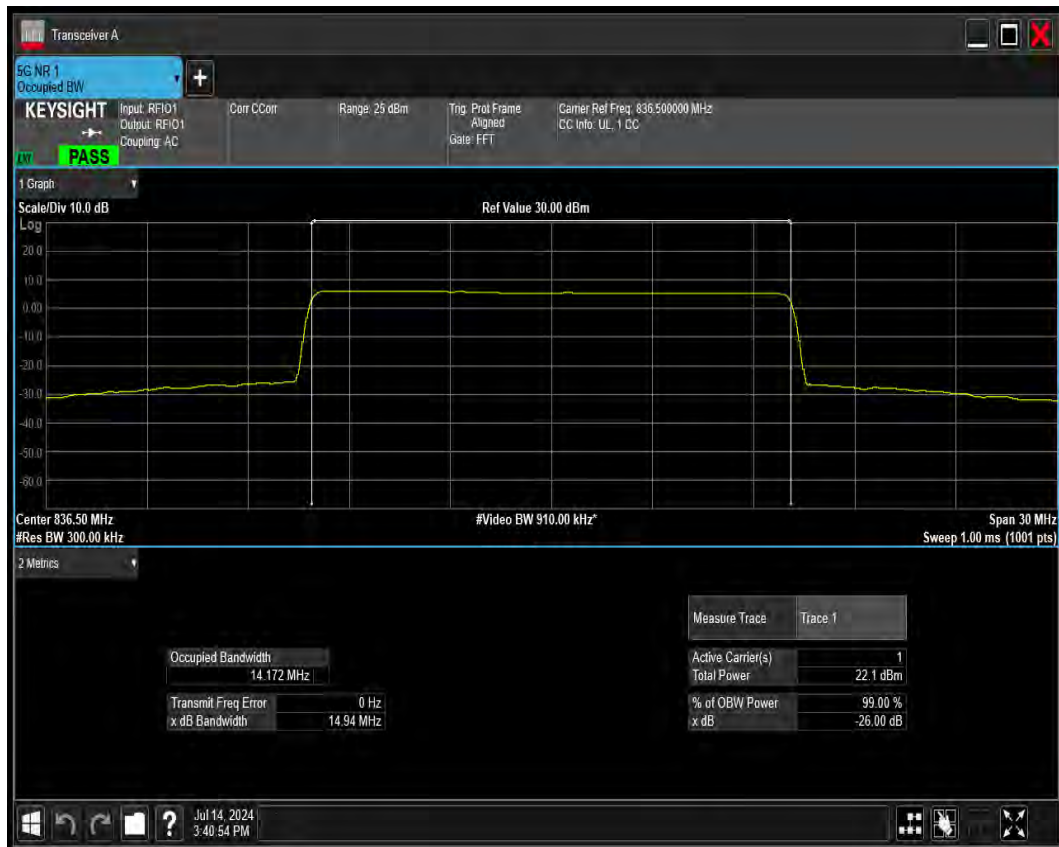
n5 SCS=15kHz DFT_QAM64 BW=15MHz Channel=167300 RB=75@0



n5 SCS=15kHz DFT_QAM256 BW=15MHz Channel=167300 RB=75@0



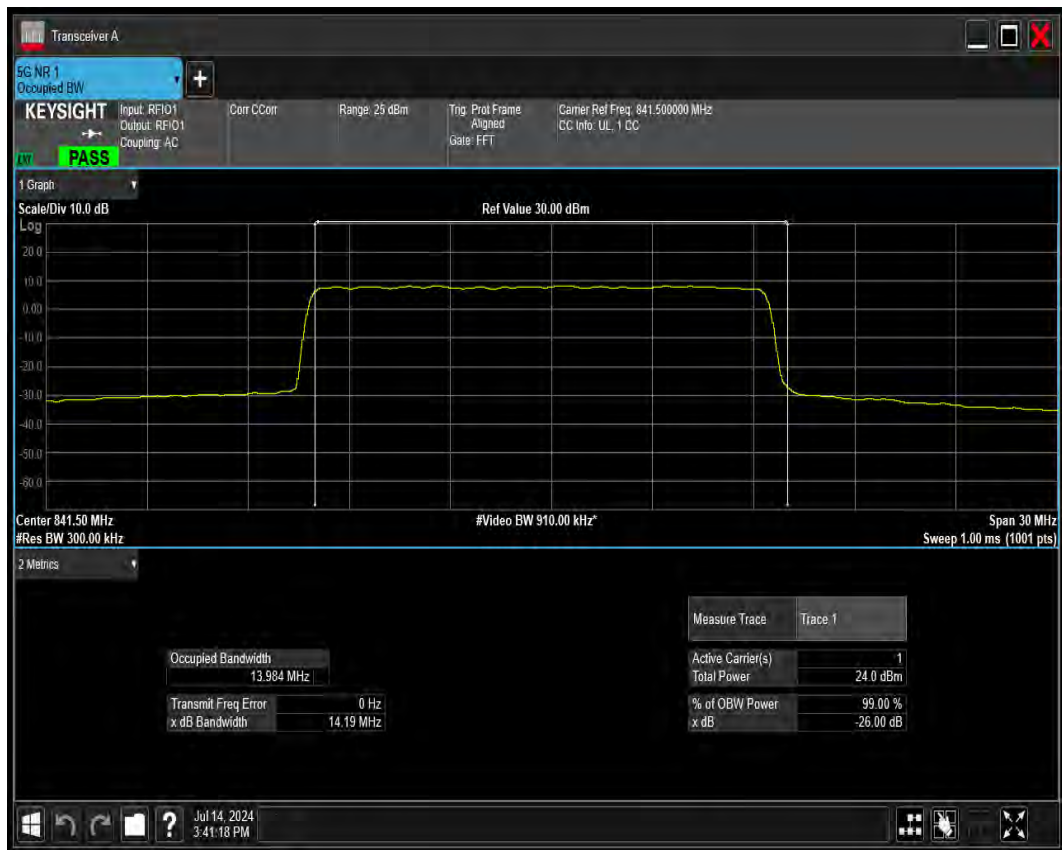
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n5 SCS=15kHz DFT BPSK BW=15MHz Channel=168300 RB=75@0



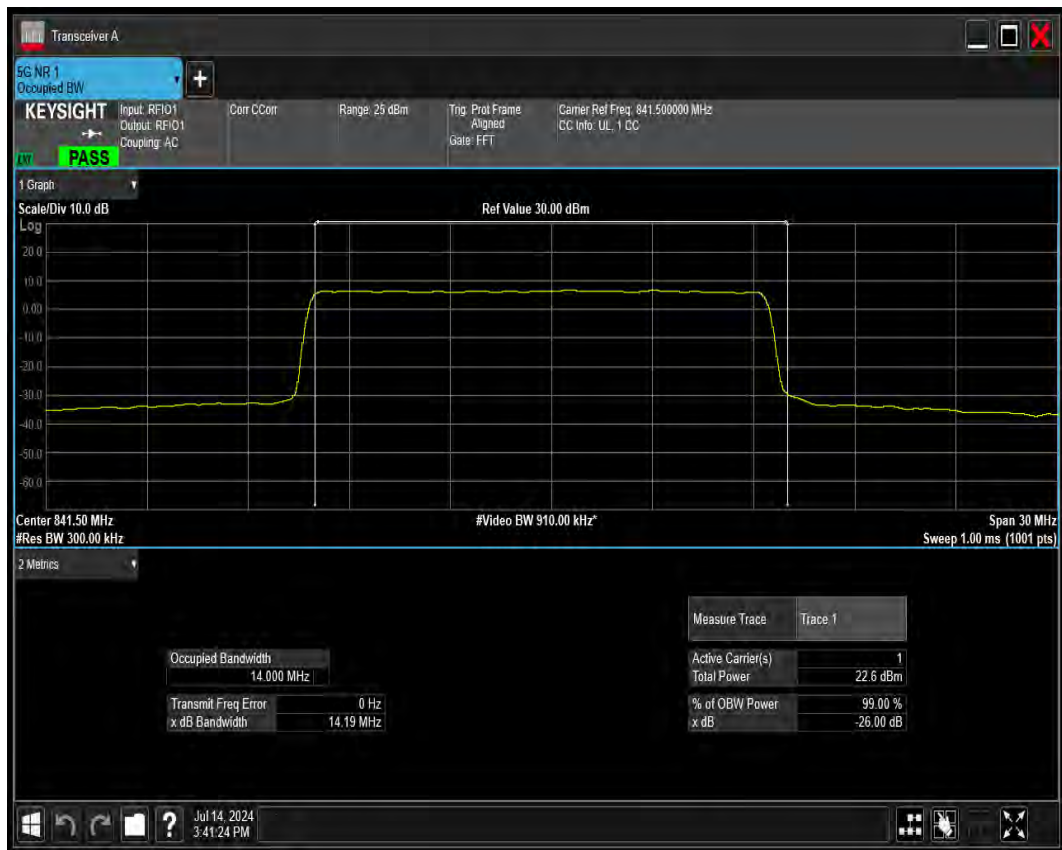
n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=168300 RB=75@0



n5 SCS=15kHz DFT QAM16 BW=15MHz Channel=168300 RB=75@0



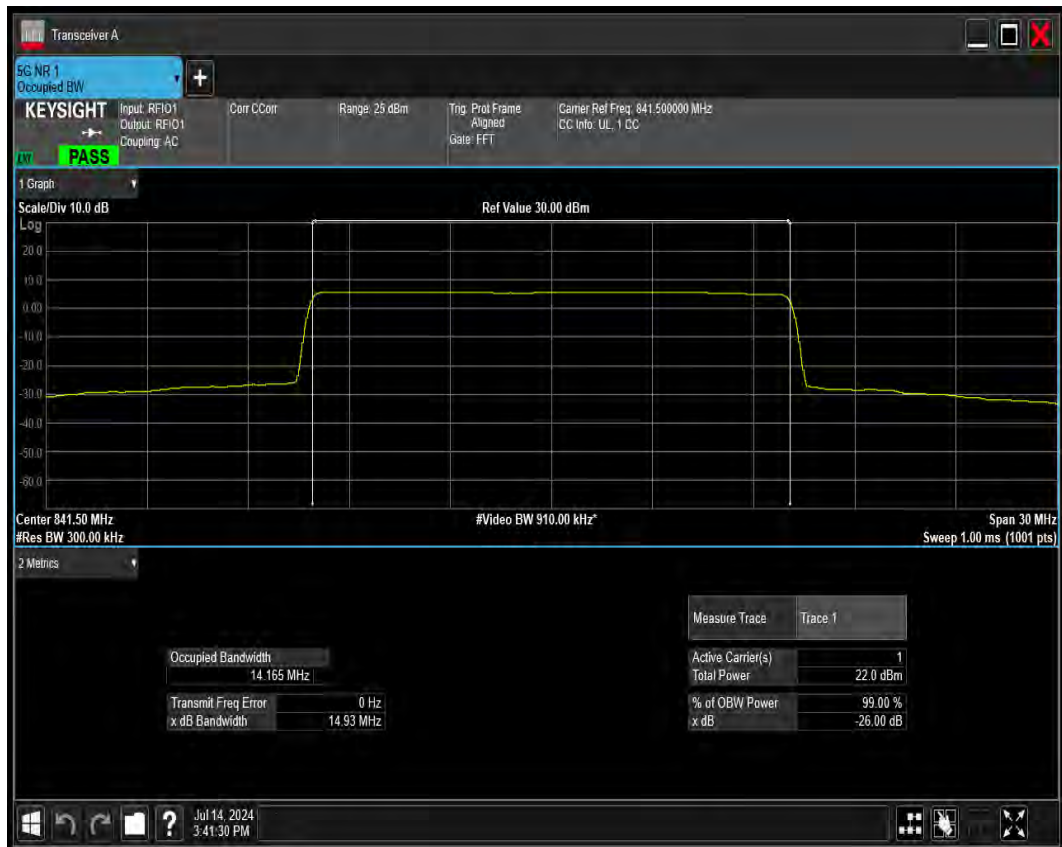
n5 SCS=15kHz DFT_QAM64 BW=15MHz Channel=168300 RB=75@0



n5 SCS=15kHz DFT_QAM256 BW=15MHz Channel=168300 RB=75@0



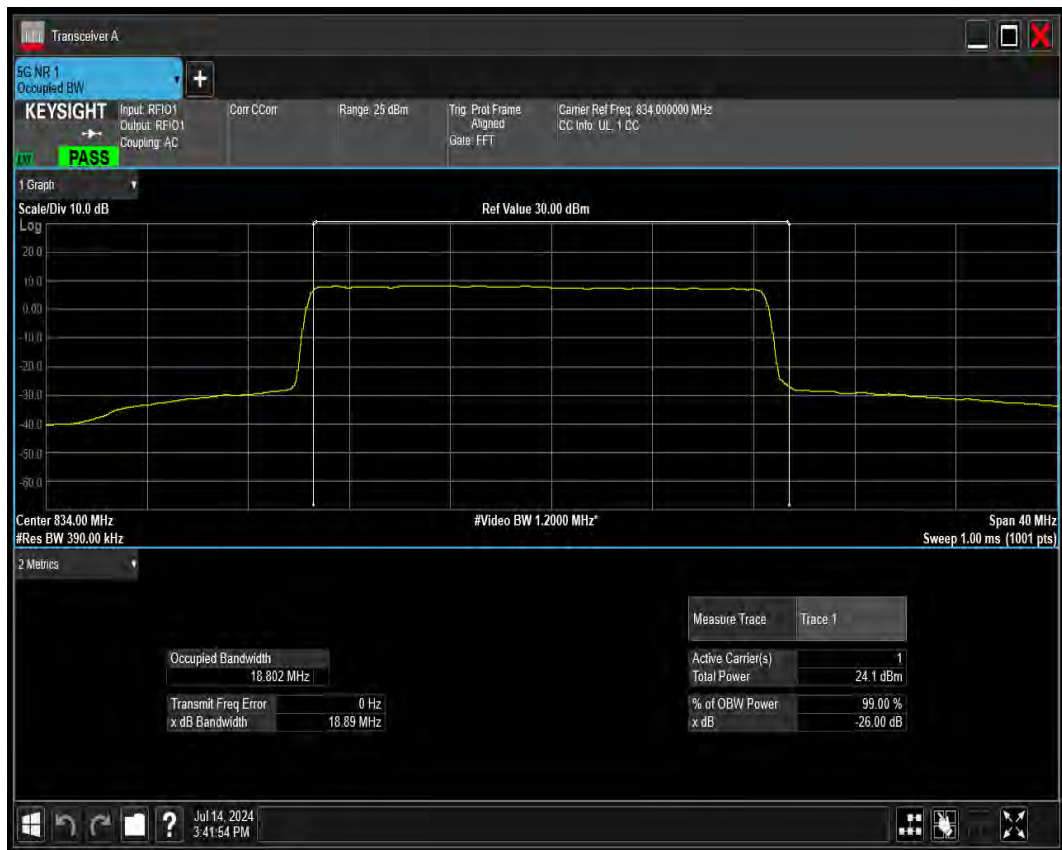
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n5 SCS=15kHz DFT BPSK BW=20MHz Channel=166800 RB=100@0



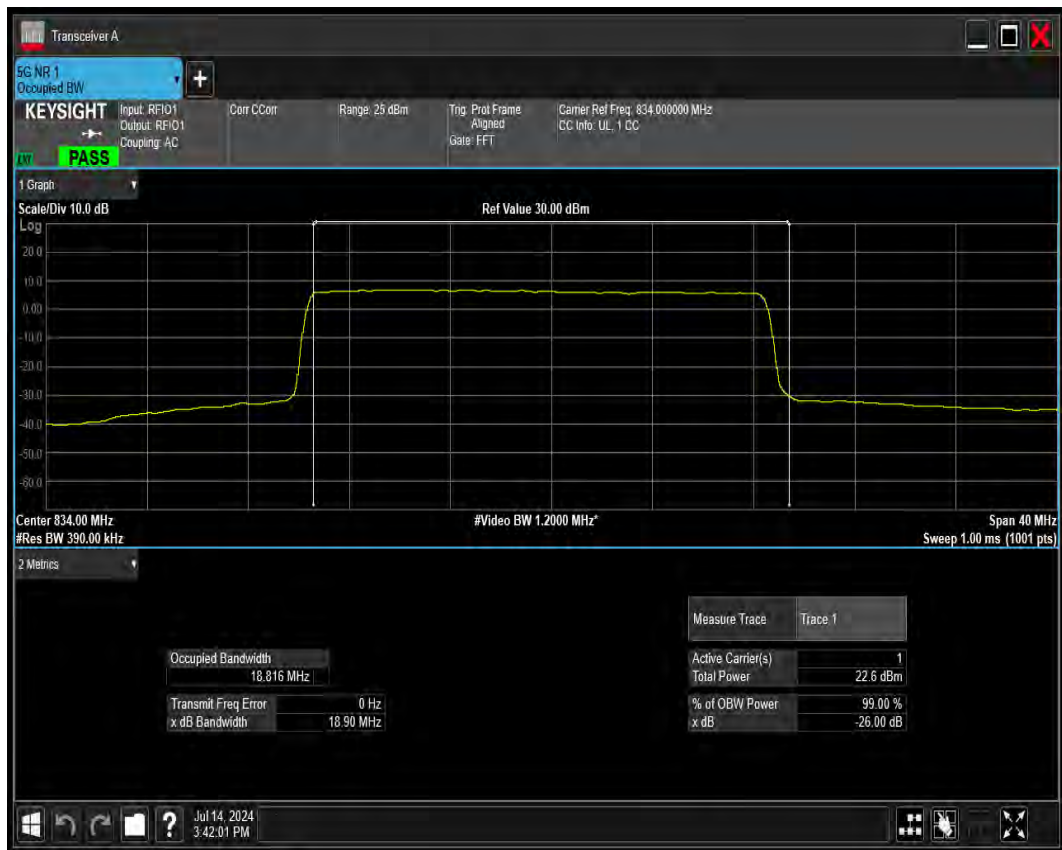
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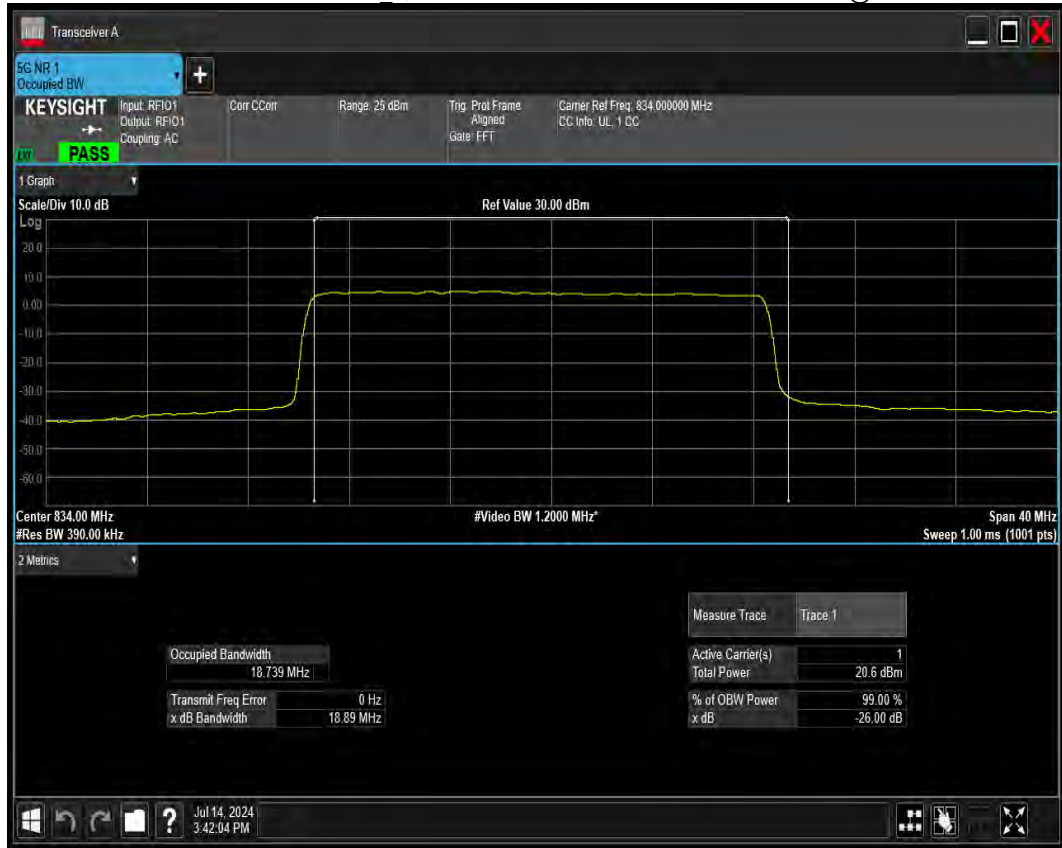
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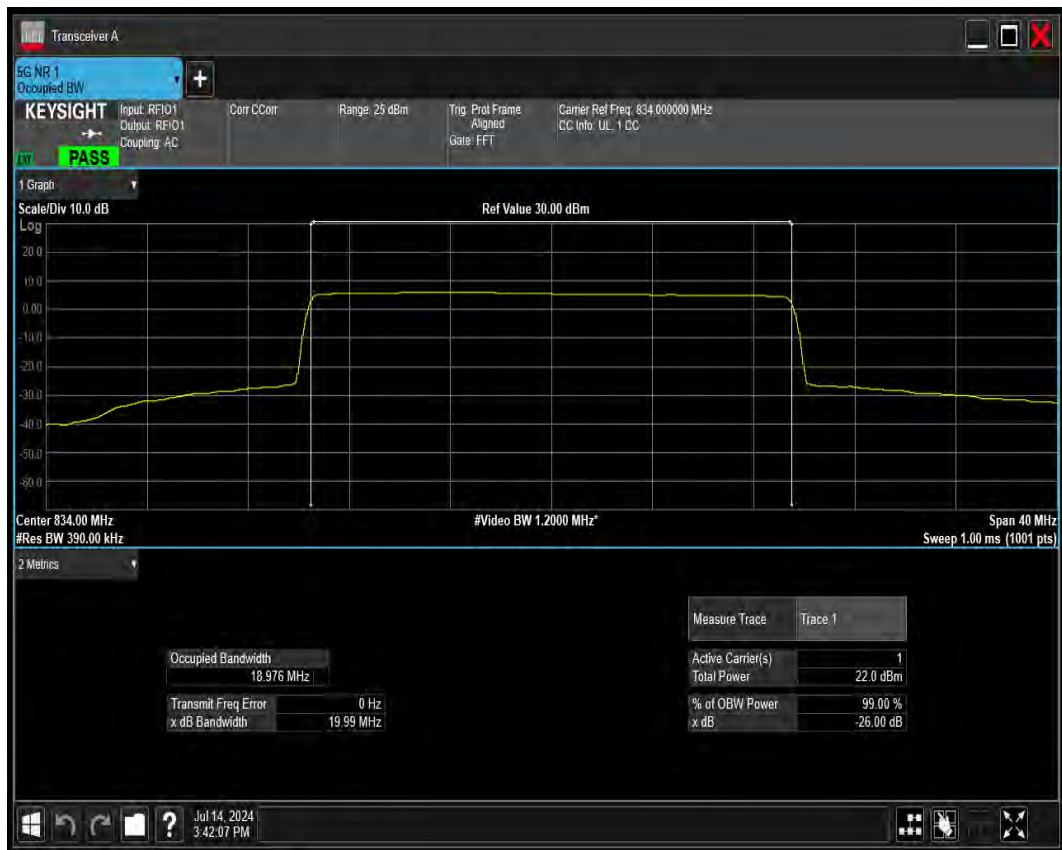
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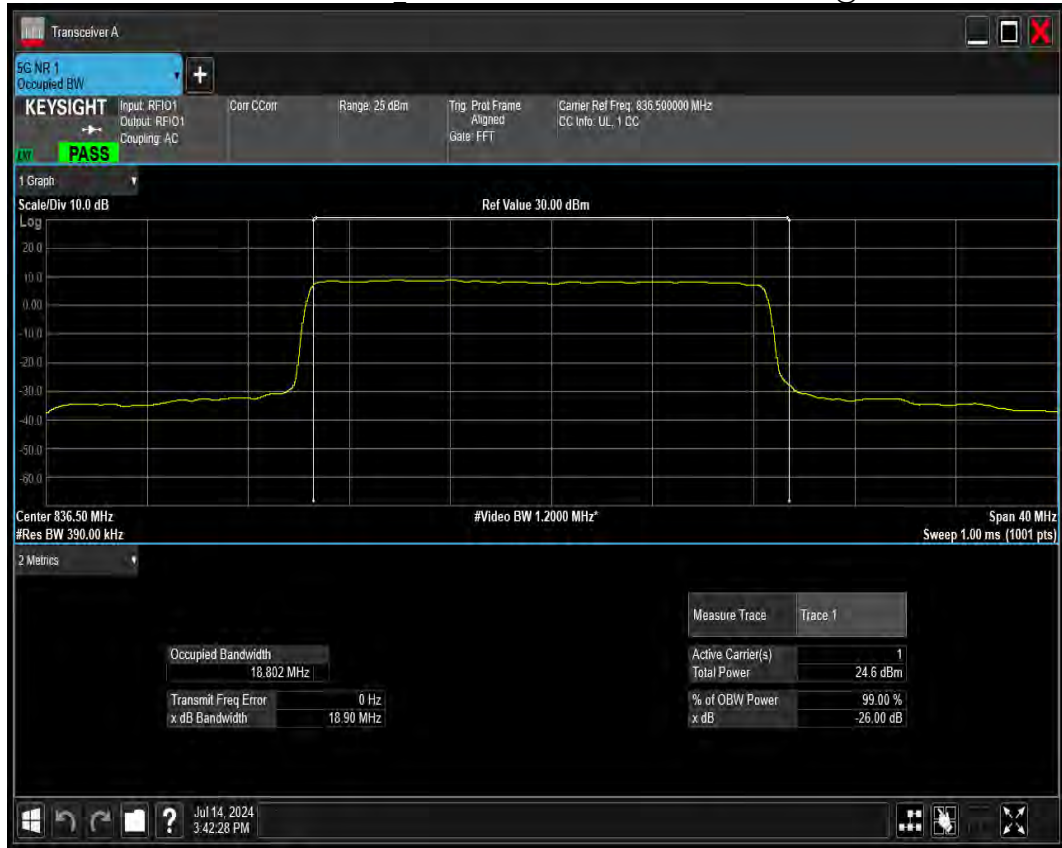
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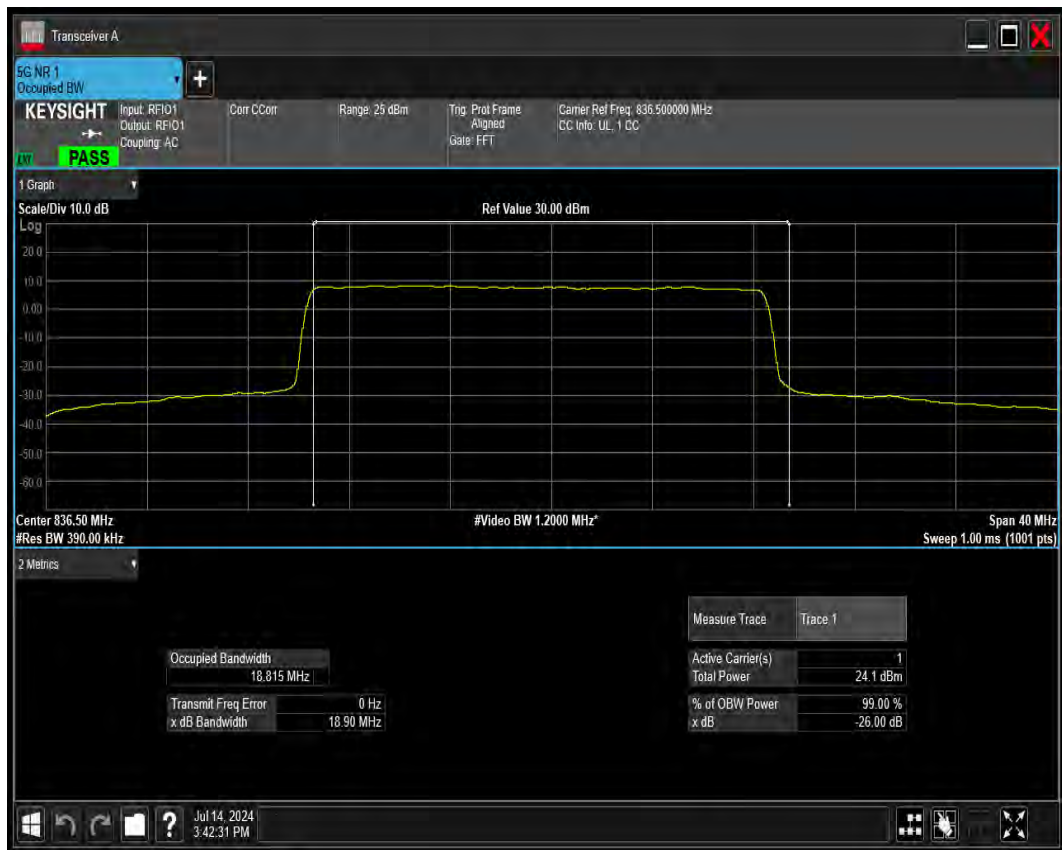
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=166800 RB=106@0



n5 SCS=15kHz DFT BPSK BW=20MHz Channel=167300 RB=100@0



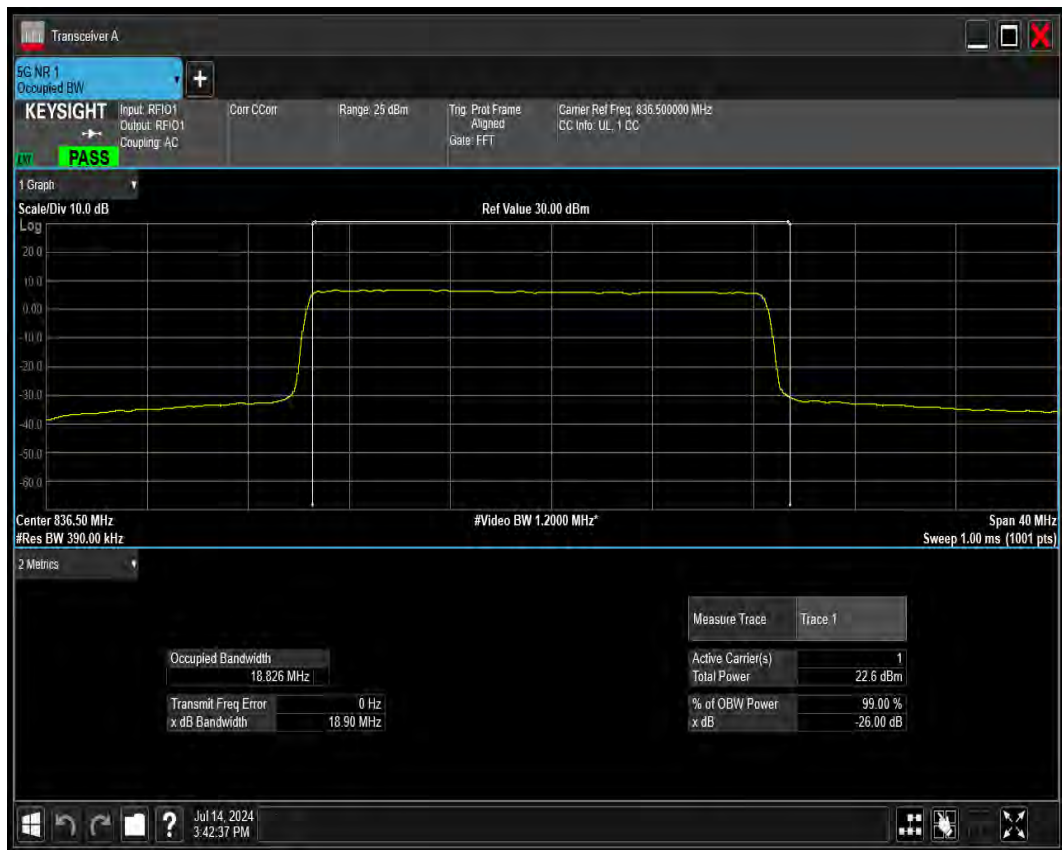
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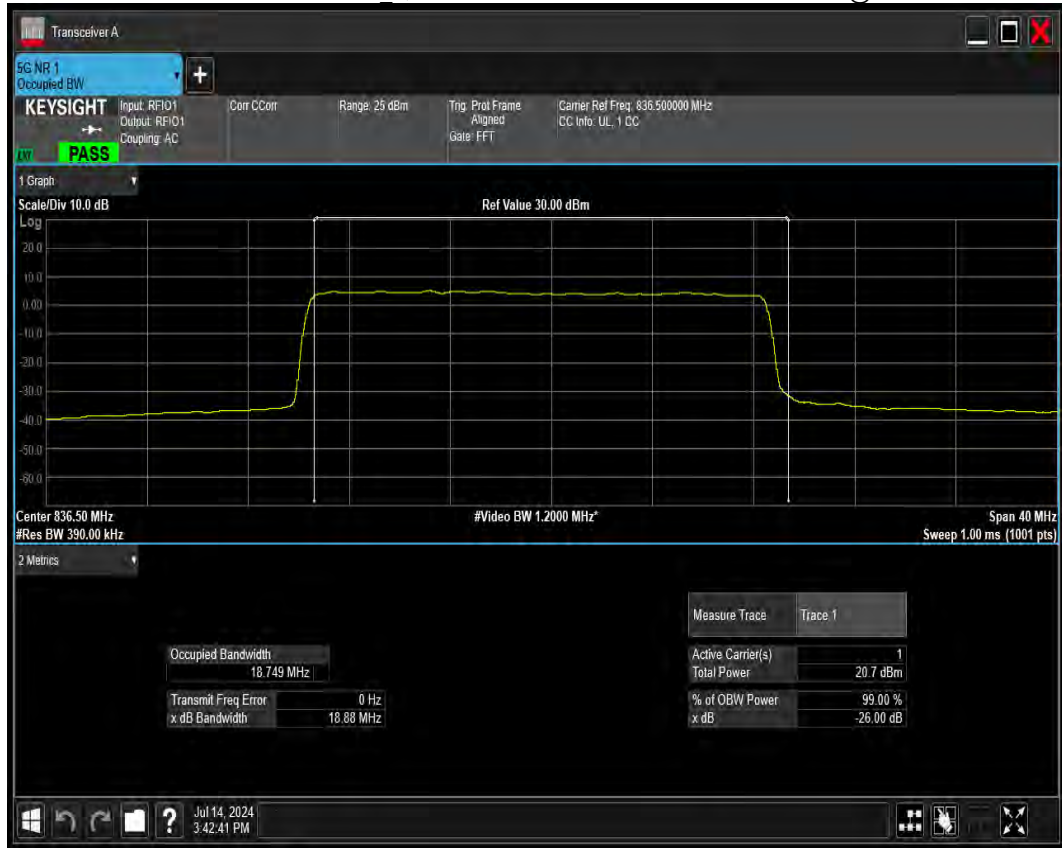
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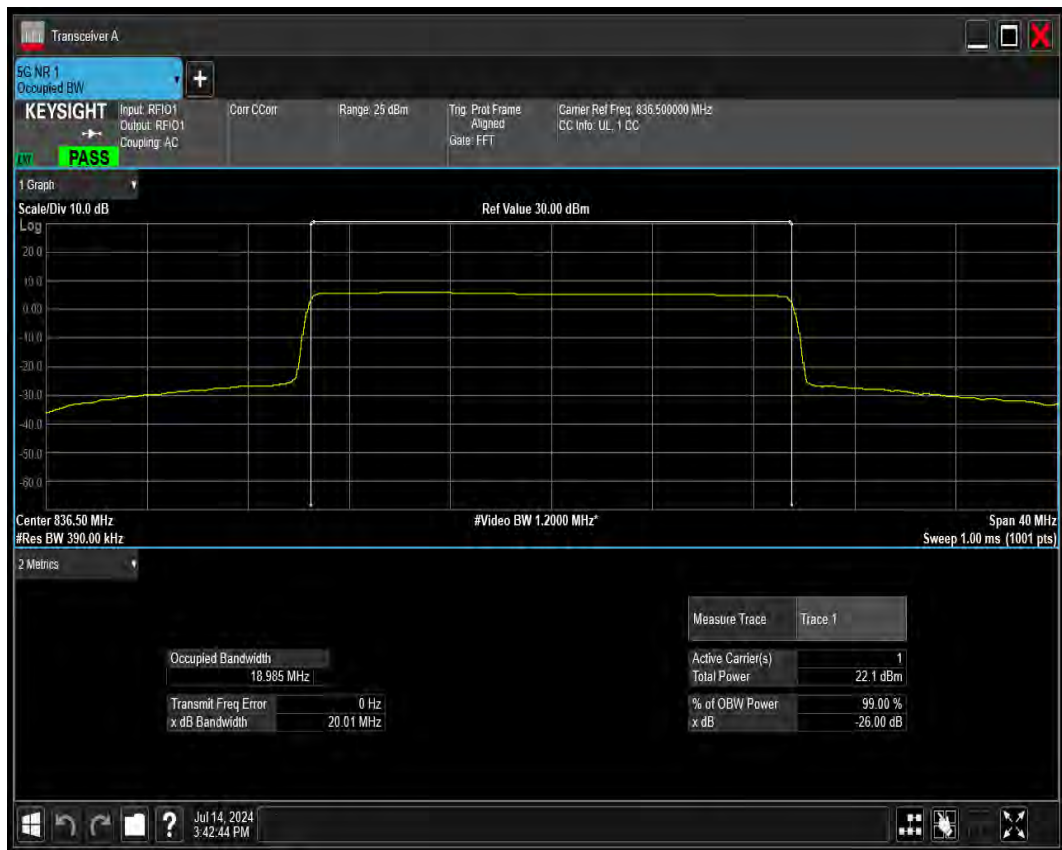
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n5 SCS=15kHz DFT_QAM256 BW=20MHz Channel=167300 RB=100@0



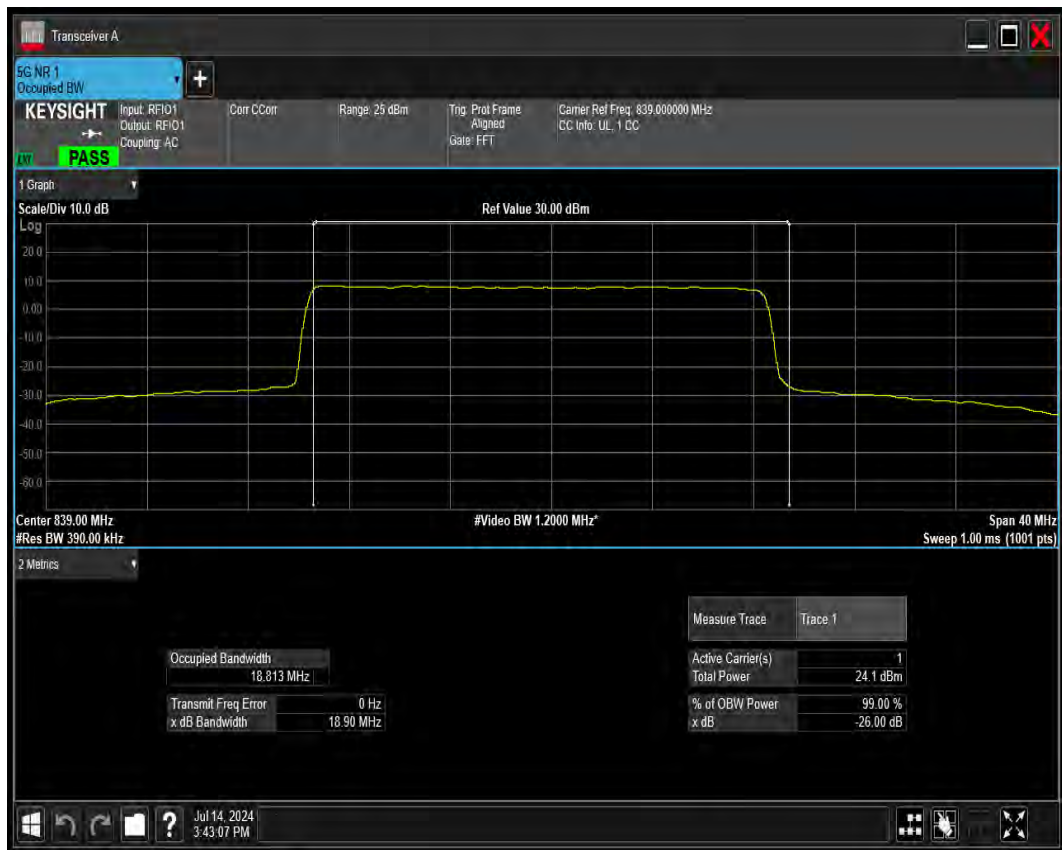
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167300 RB=106@0



n5 SCS=15kHz DFT BPSK BW=20MHz Channel=167800 RB=100@0



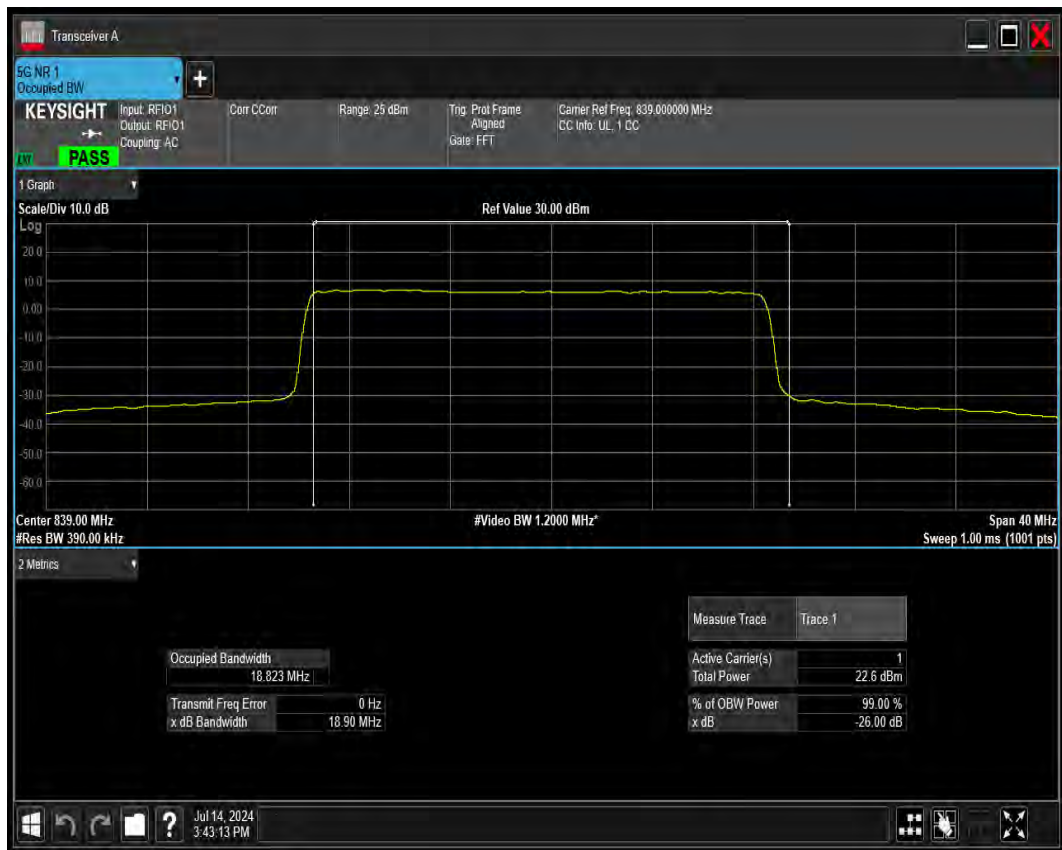
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=100@0



n5 SCS=15kHz DFT_QAM16 BW=20MHz Channel=167800 RB=100@0



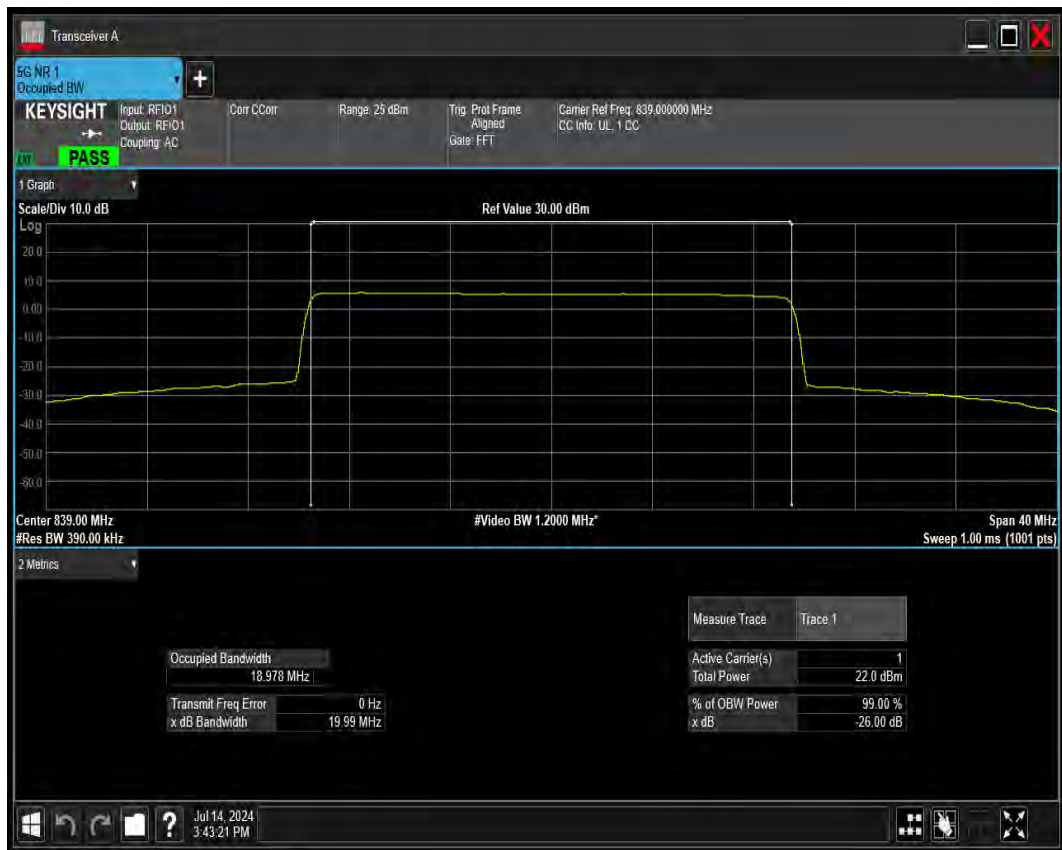
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n5 SCS=15kHz DFT QAM256 BW=20MHz Channel=167800 RB=100@0

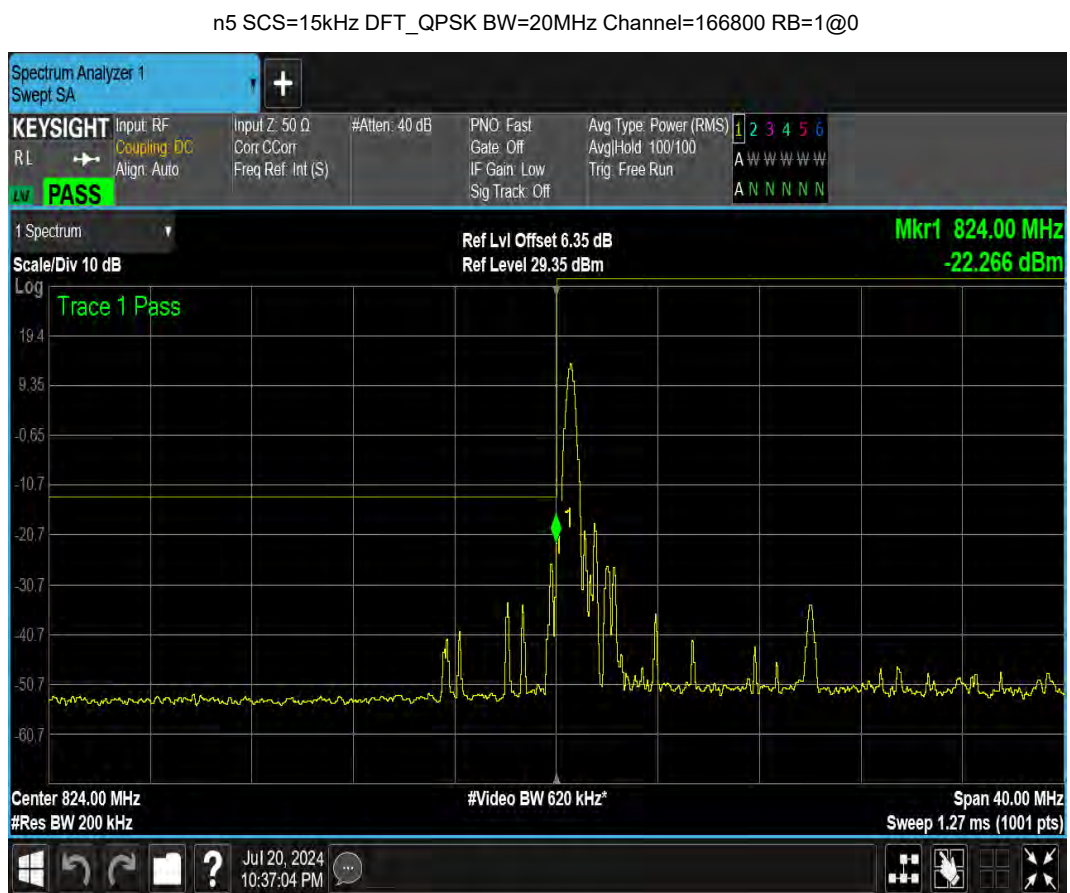


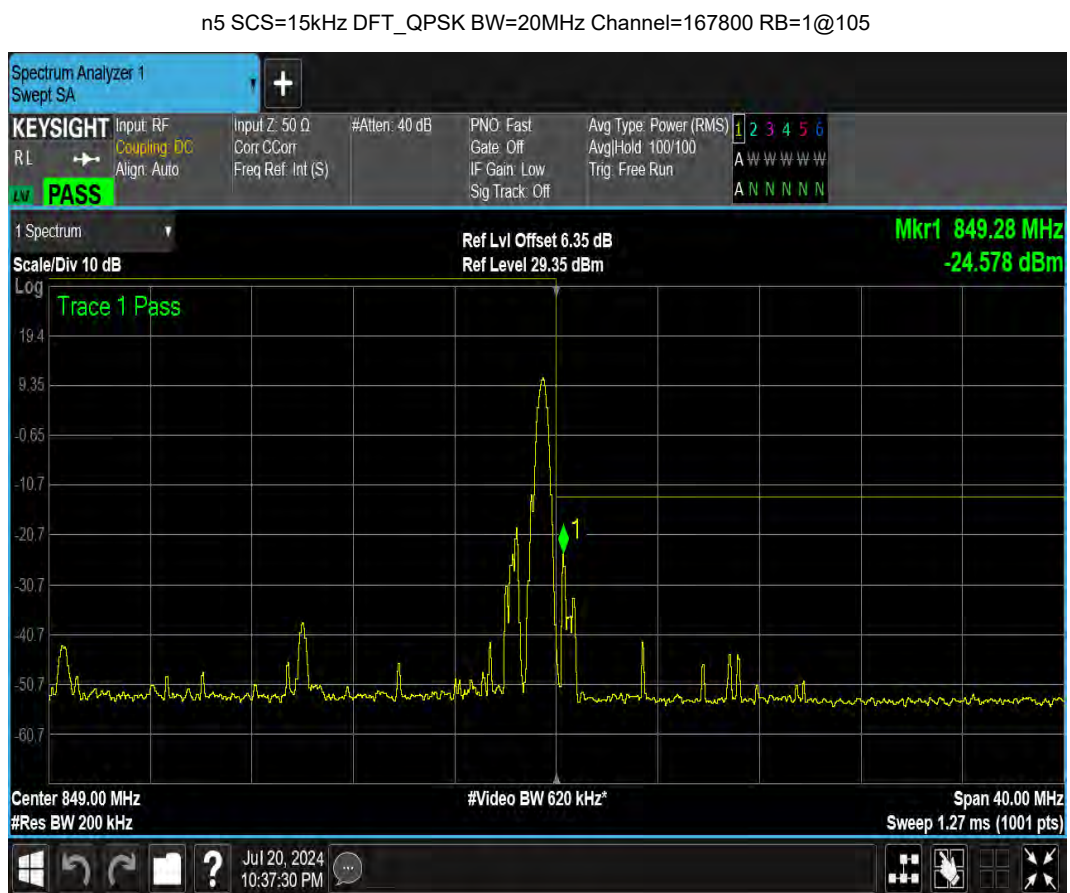
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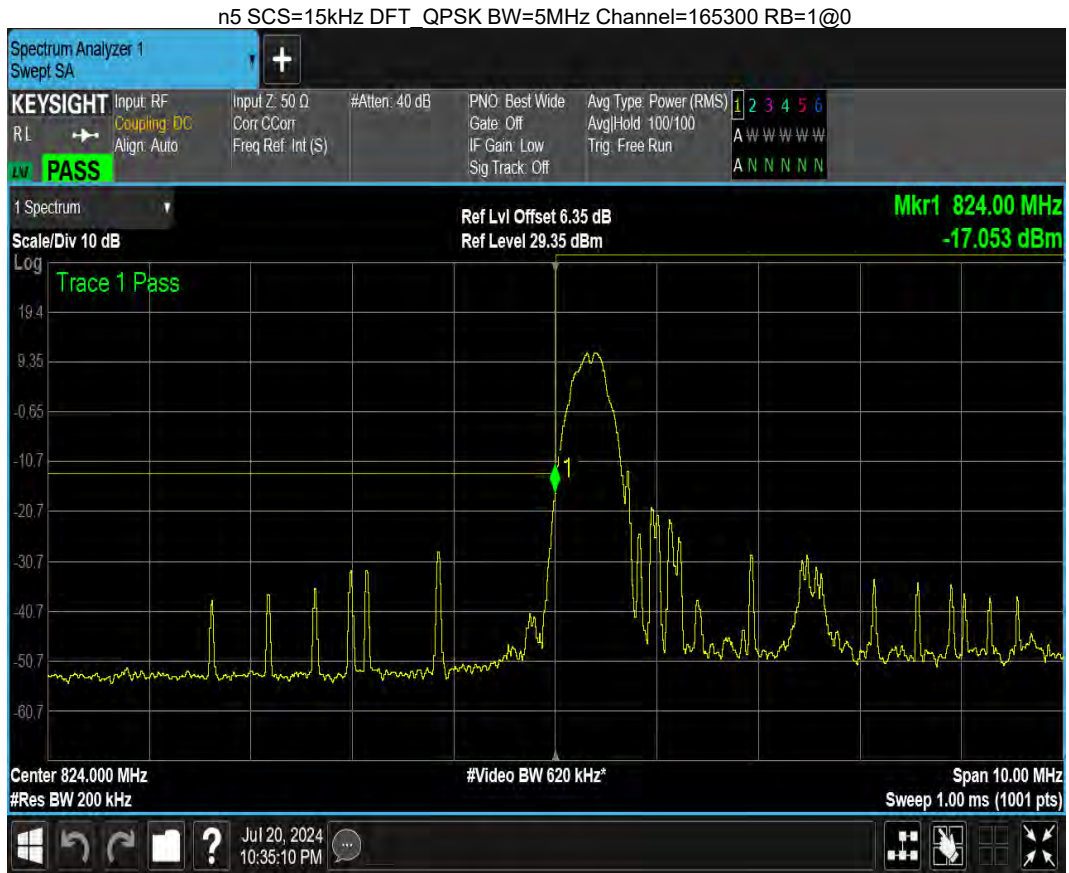


5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	15	5	165300	25@0	DFT_QPSK	823.68	-40.94	-13	PASS
n5	15	5	165300	1@0	DFT_QPSK	824.00	-17.05	-13	PASS
n5	15	5	169300	25@0	DFT_QPSK	849.00	-38.68	-13	PASS
n5	15	5	169300	1@24	DFT_QPSK	849.00	-17.23	-13	PASS
n5	15	20	166800	100@0	DFT_QPSK	824.00	-33.43	-13	PASS
n5	15	20	166800	1@0	DFT_QPSK	824.00	-22.26	-13	PASS
n5	15	20	167800	100@0	DFT_QPSK	849.32	-38.43	-13	PASS
n5	15	20	167800	1@105	DFT_QPSK	849.28	-24.57	-13	PASS







n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=1@24





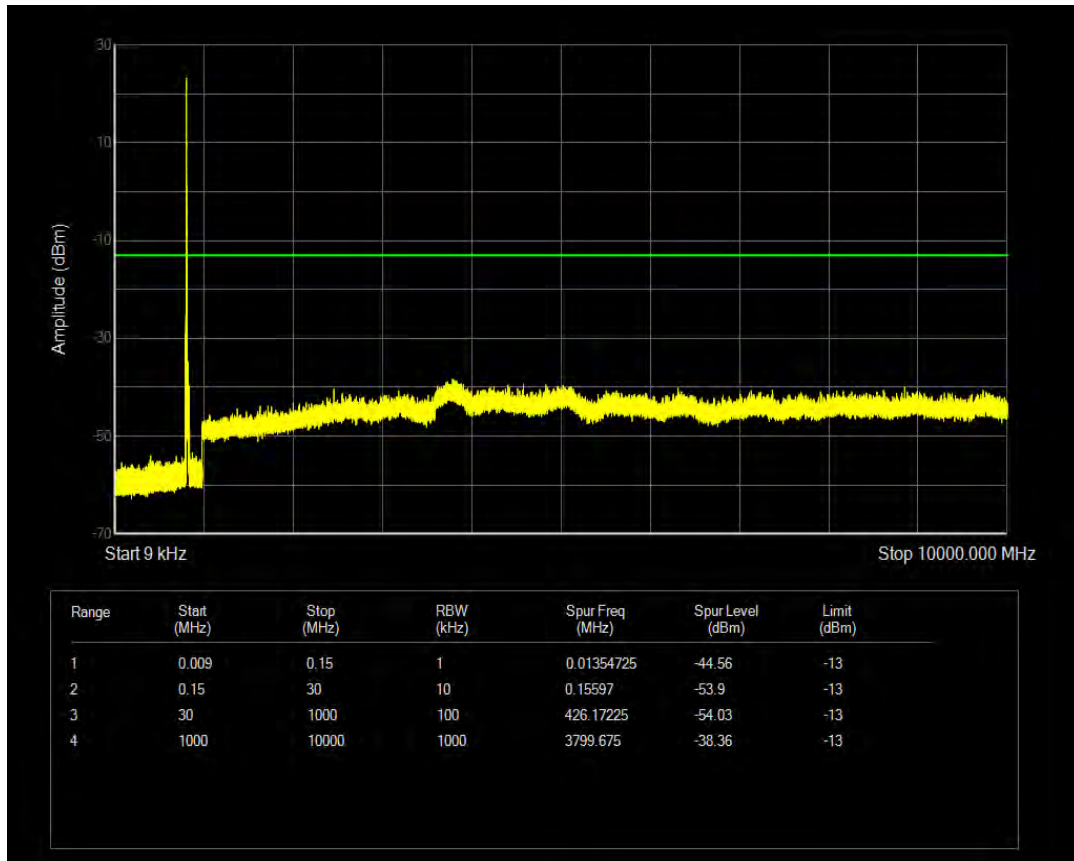
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=25@0



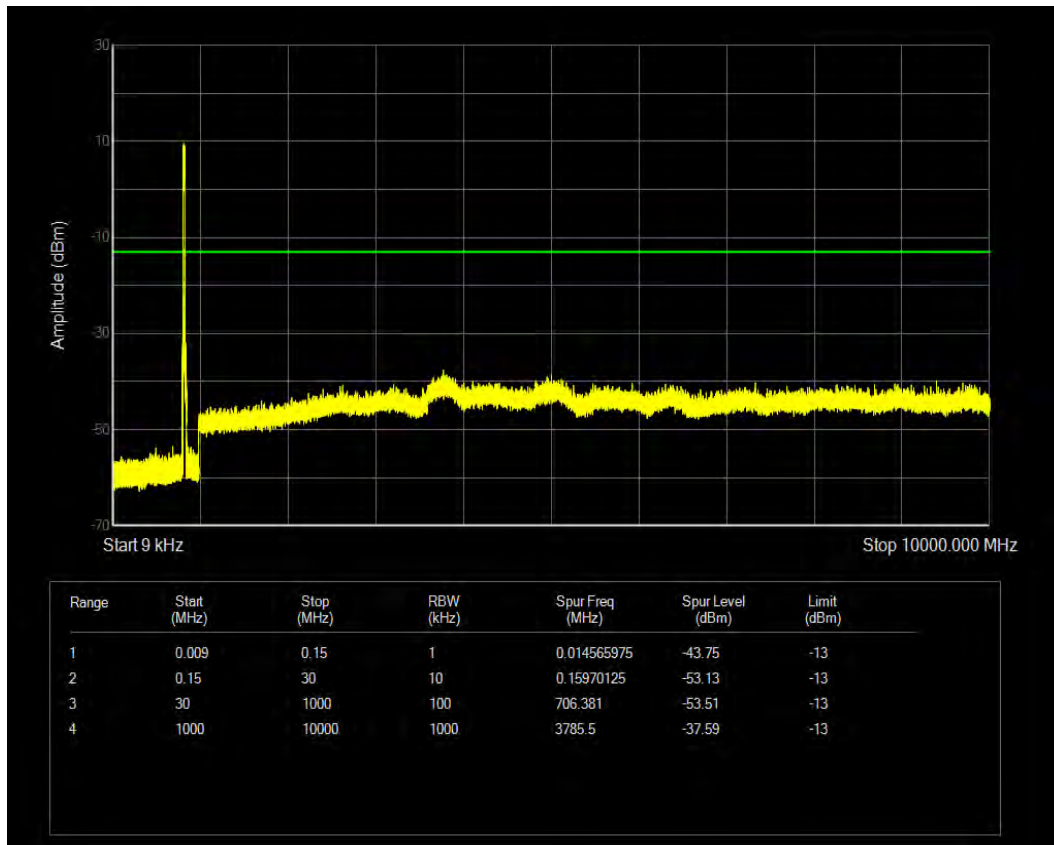
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	15	5	165300	25@0	DFT_QPSK	3825.33	-38.11	-13	PASS
n5	15	5	165300	1@0	DFT_QPSK	3758.95	-38.41	-13	PASS
n5	15	5	165300	1@24	DFT_QPSK	3799.68	-37.27	-13	PASS
n5	15	5	167300	25@0	DFT_QPSK	3835.00	-38.01	-13	PASS
n5	15	5	167300	1@0	DFT_QPSK	3792.25	-37.15	-13	PASS
n5	15	5	167300	1@24	DFT_QPSK	2516.05	-36.88	-13	PASS
n5	15	5	169300	25@0	DFT_QPSK	3905.88	-37.31	-13	PASS
n5	15	5	169300	1@0	DFT_QPSK	3835.45	-37.88	-13	PASS
n5	15	5	169300	1@24	DFT_QPSK	3828.93	-38.33	-13	PASS
n5	15	20	166800	100@0	DFT_QPSK	3785.50	-37.59	-13	PASS
n5	15	20	166800	1@0	DFT_QPSK	3799.68	-38.36	-13	PASS
n5	15	20	166800	1@105	DFT_QPSK	3783.93	-36.83	-13	PASS
n5	15	20	167300	100@0	DFT_QPSK	3800.58	-37.31	-13	PASS
n5	15	20	167300	1@0	DFT_QPSK	3775.83	-38.18	-13	PASS
n5	15	20	167300	1@105	DFT_QPSK	3756.48	-37.70	-13	PASS
n5	15	20	167800	100@0	DFT_QPSK	3737.35	-38.29	-13	PASS
n5	15	20	167800	1@0	DFT_QPSK	5047.53	-38.03	-13	PASS
n5	15	20	167800	1@105	DFT_QPSK	3796.53	-37.24	-13	PASS

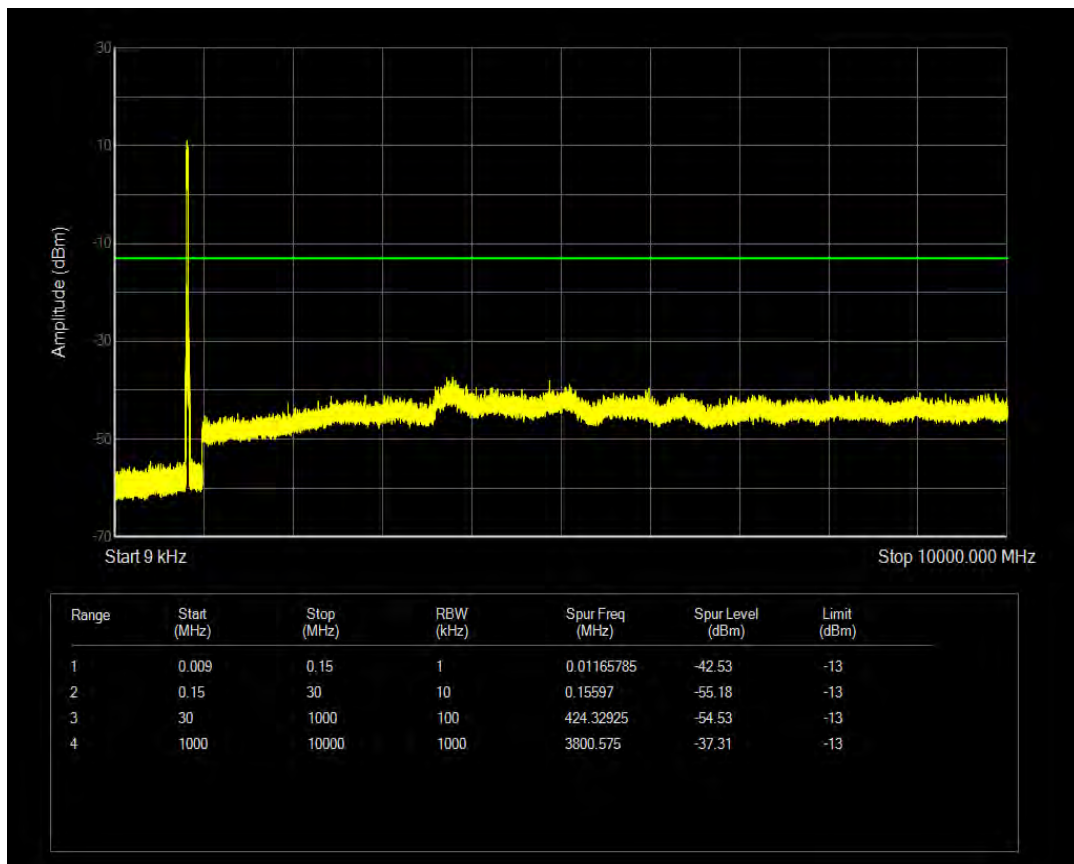
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@0



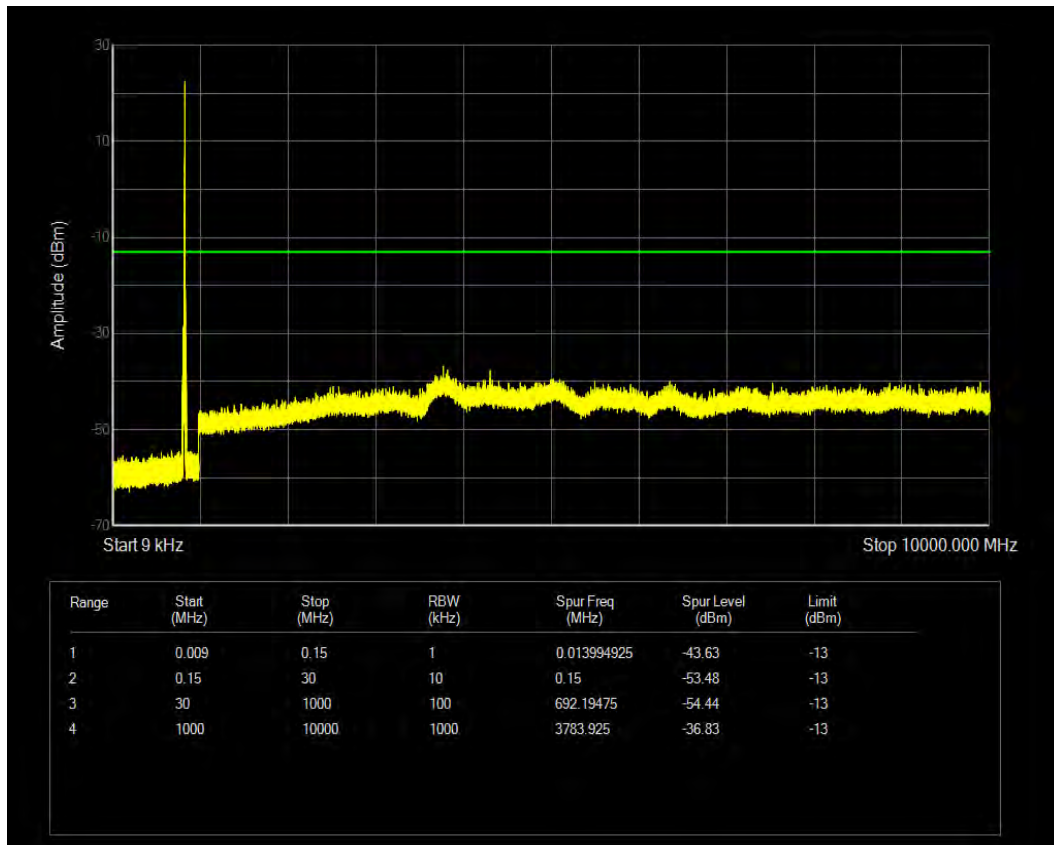
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=166800 RB=100@0



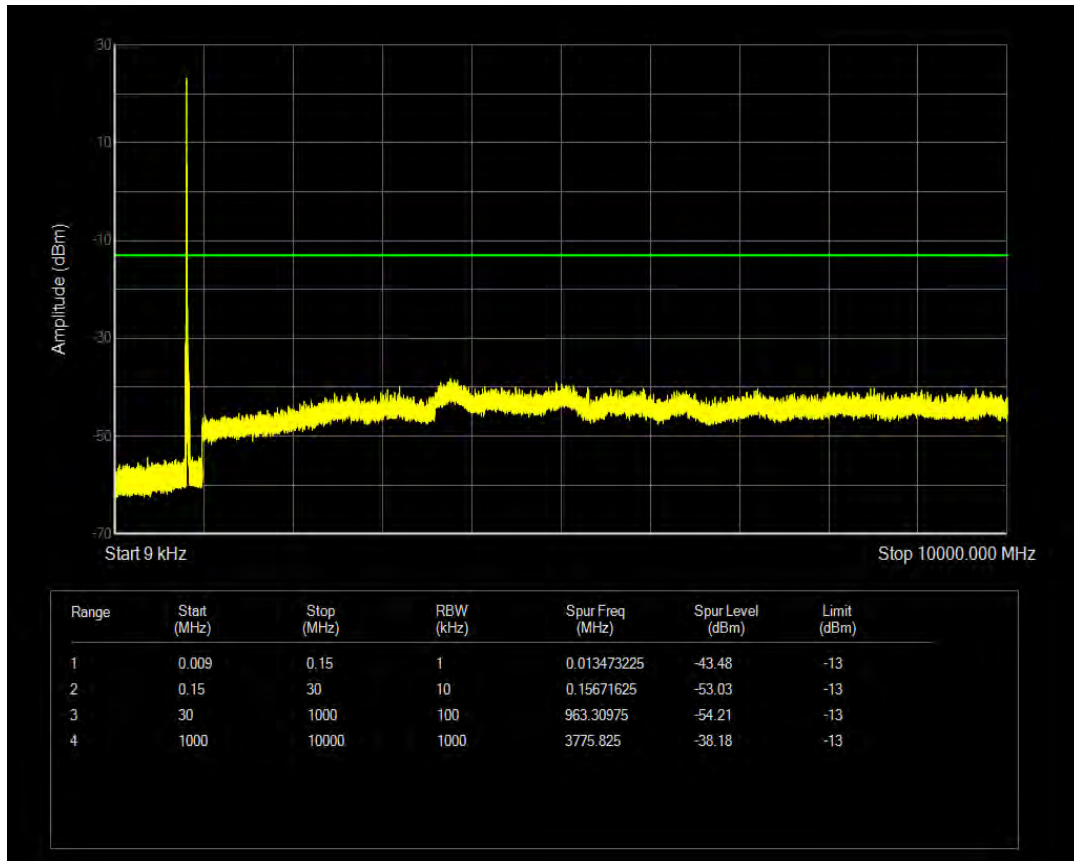
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167300 RB=100@0



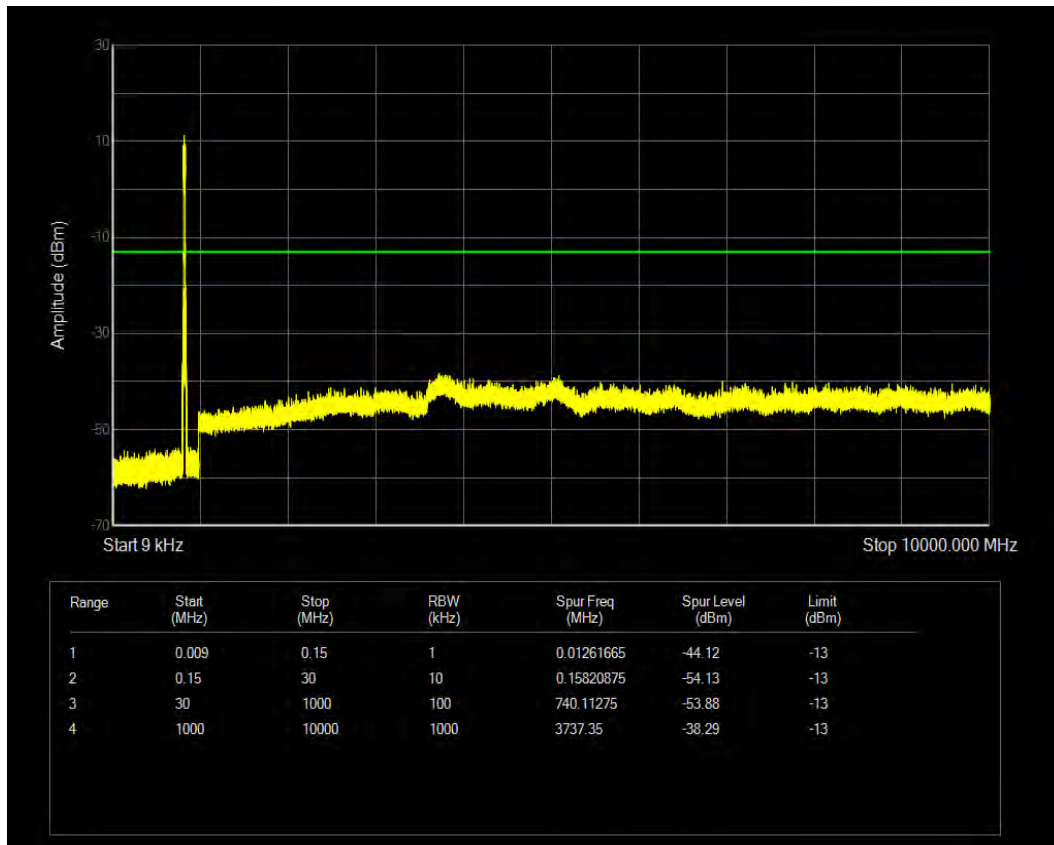
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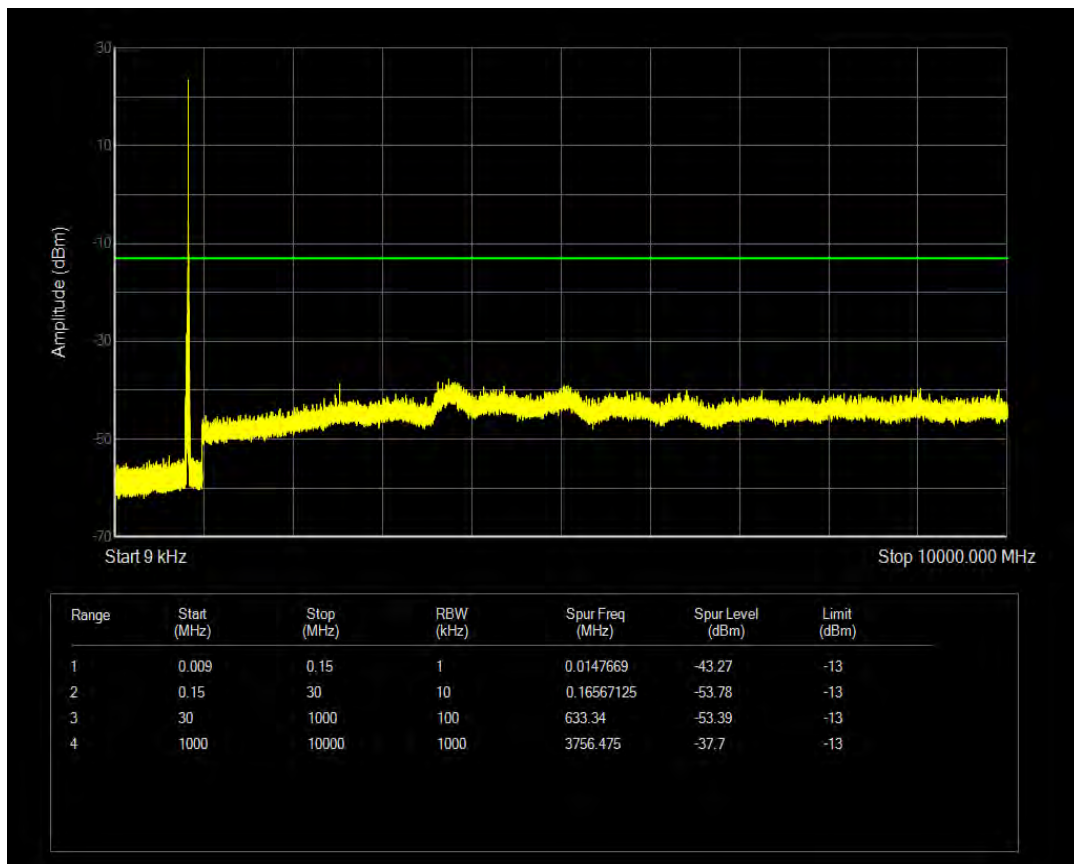
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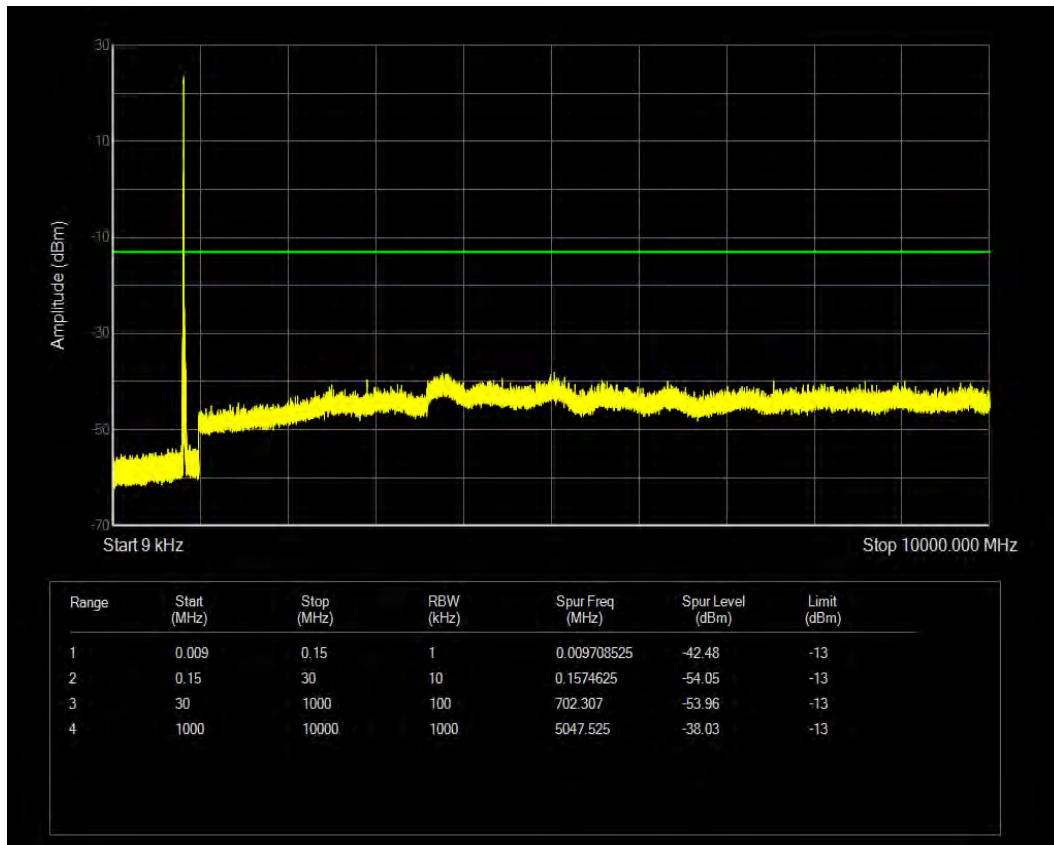
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=100@0



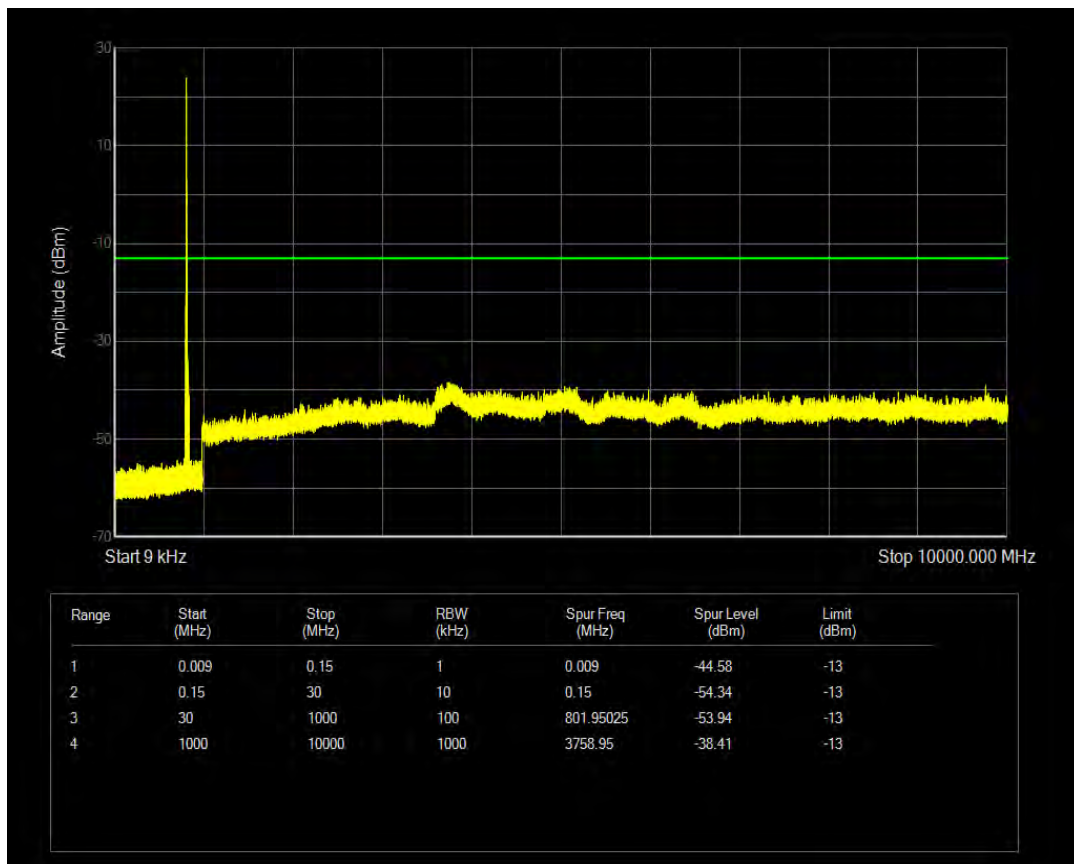
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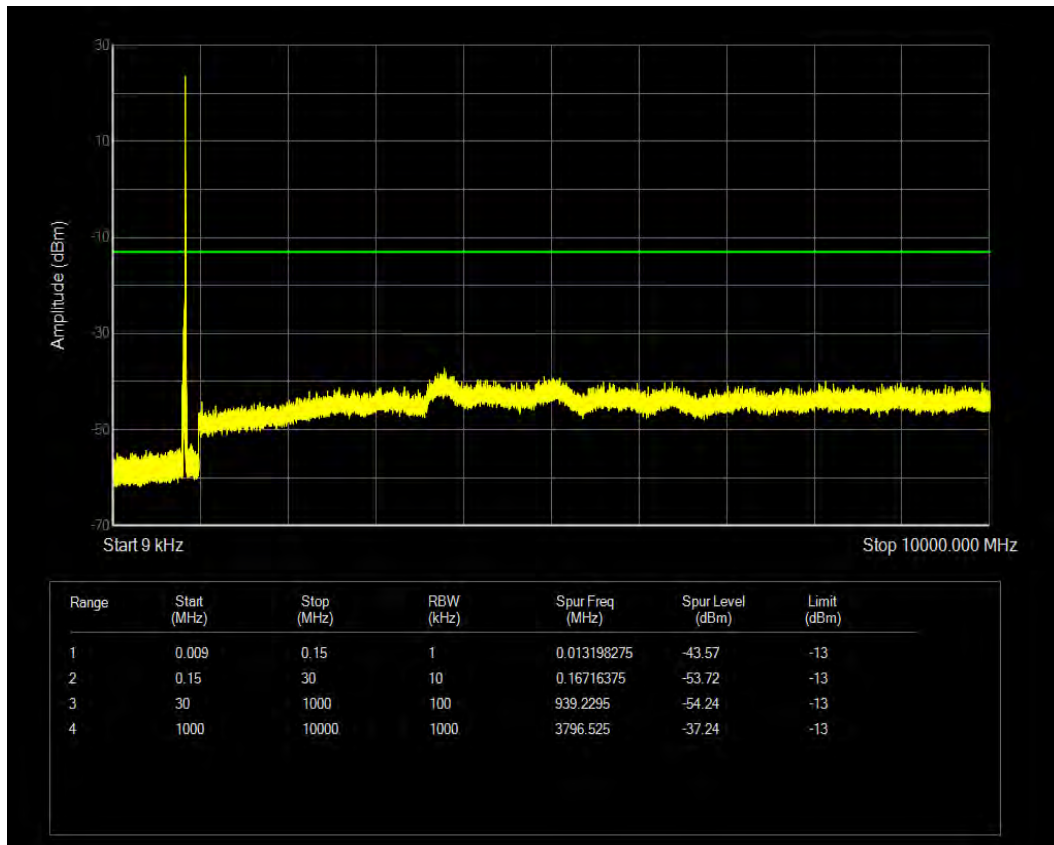
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@0



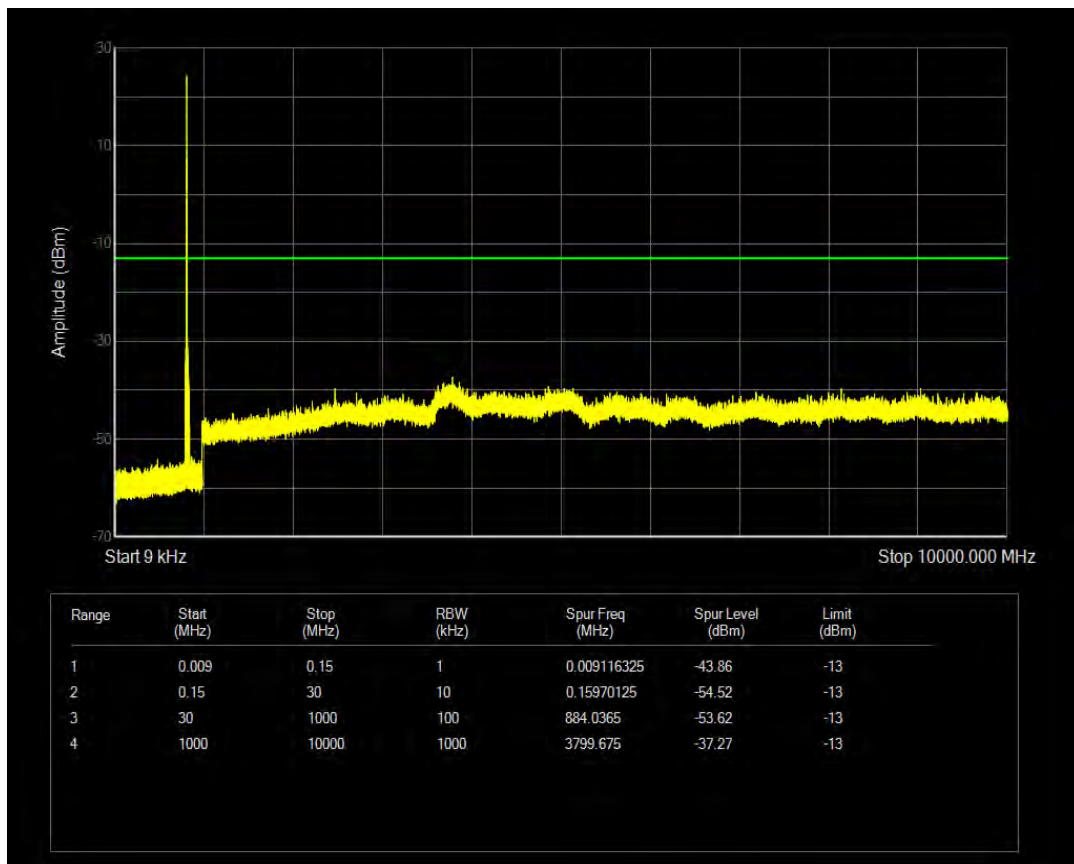
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=165300 RB=1@0



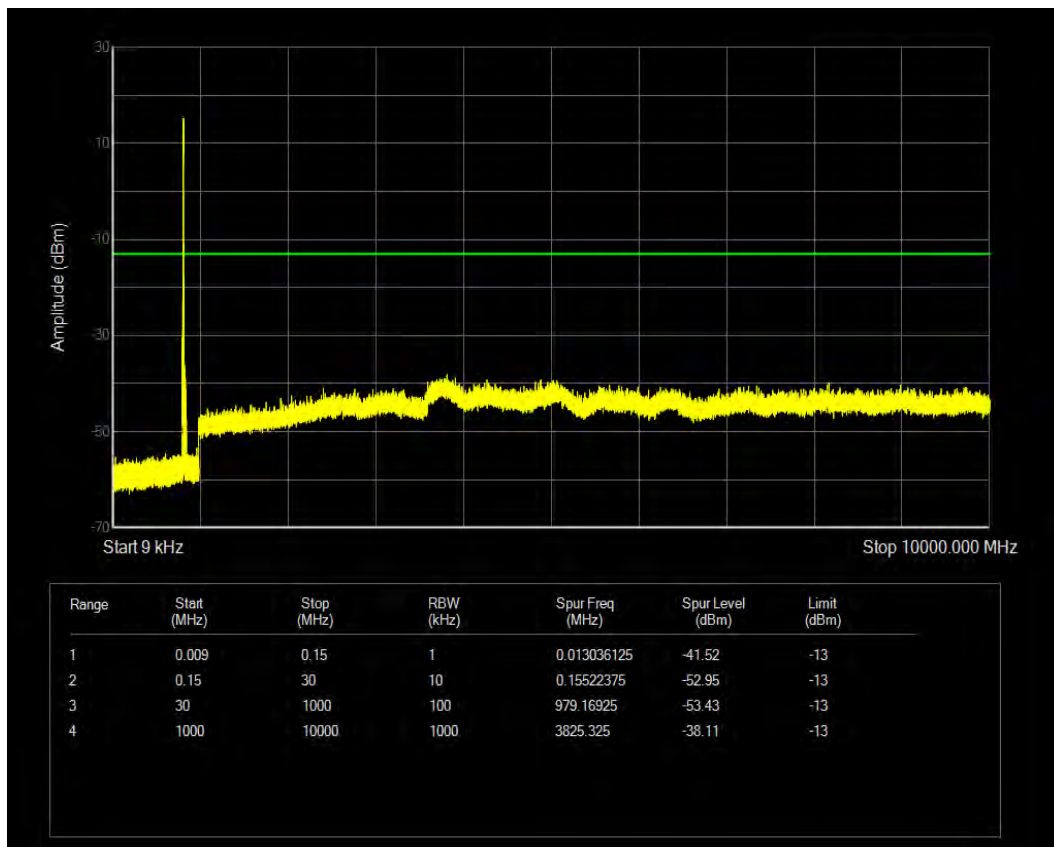
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@105



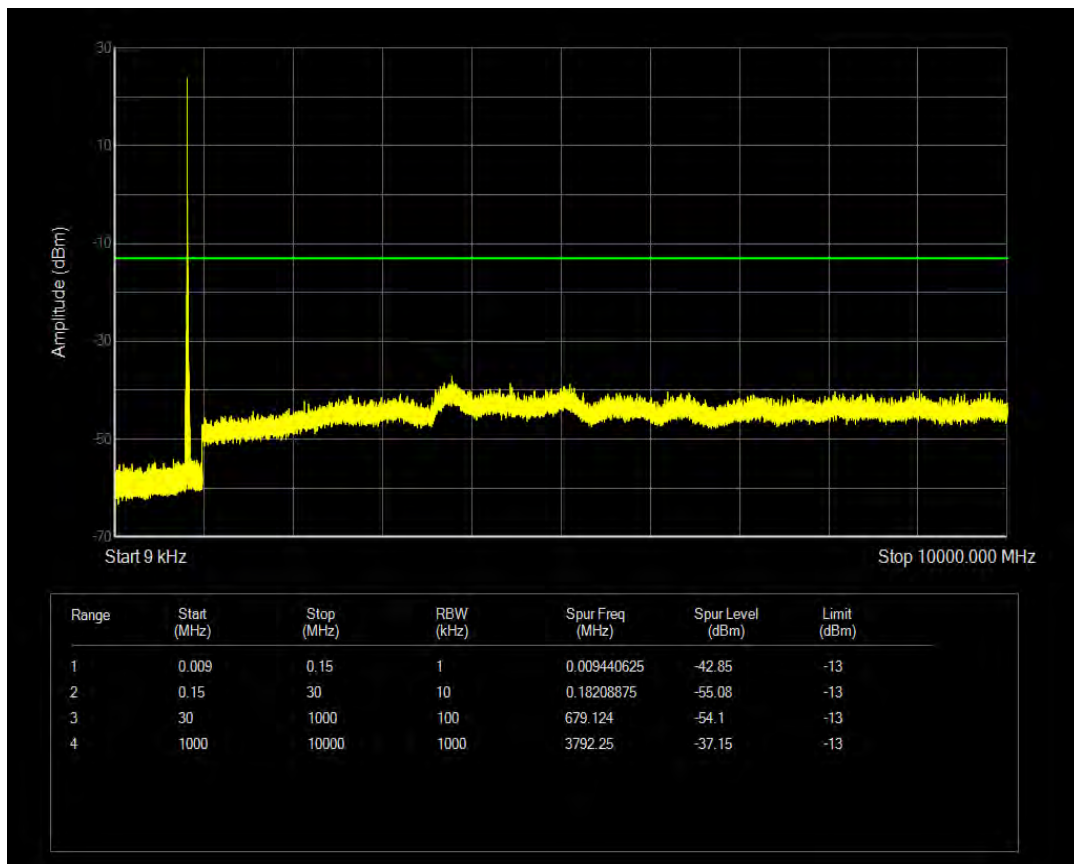
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=165300 RB=1@24



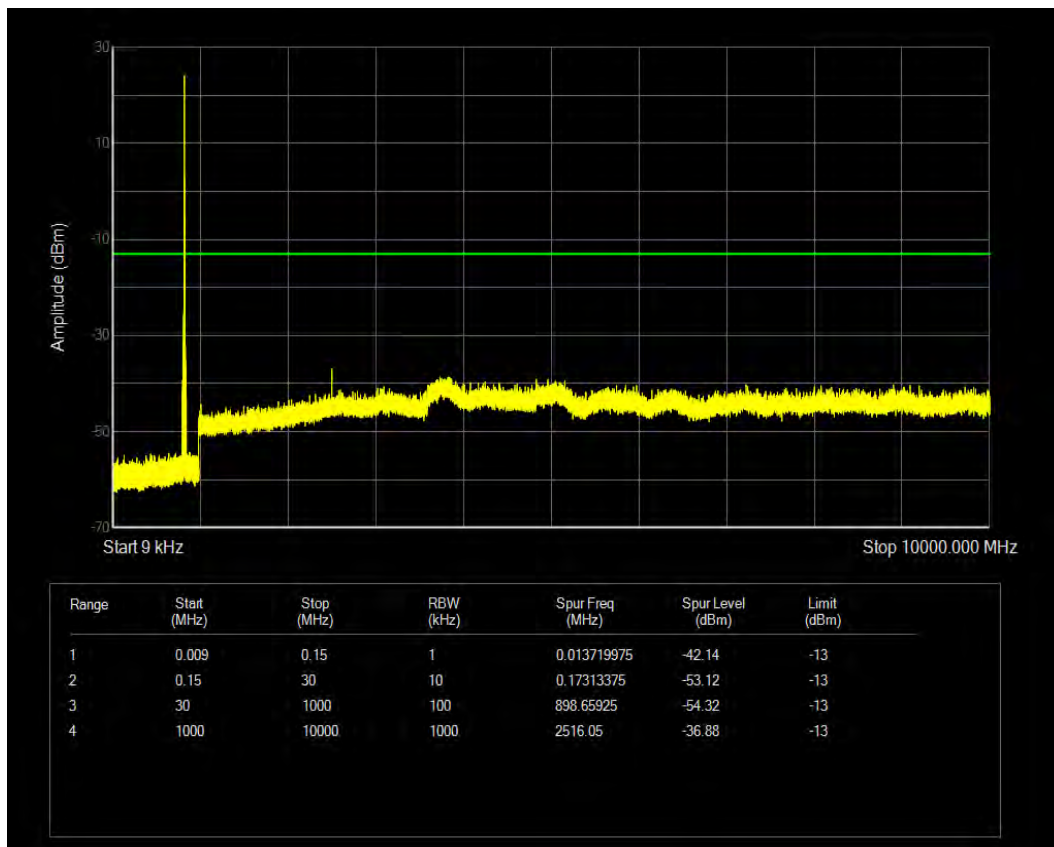
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=165300 RB=25@0



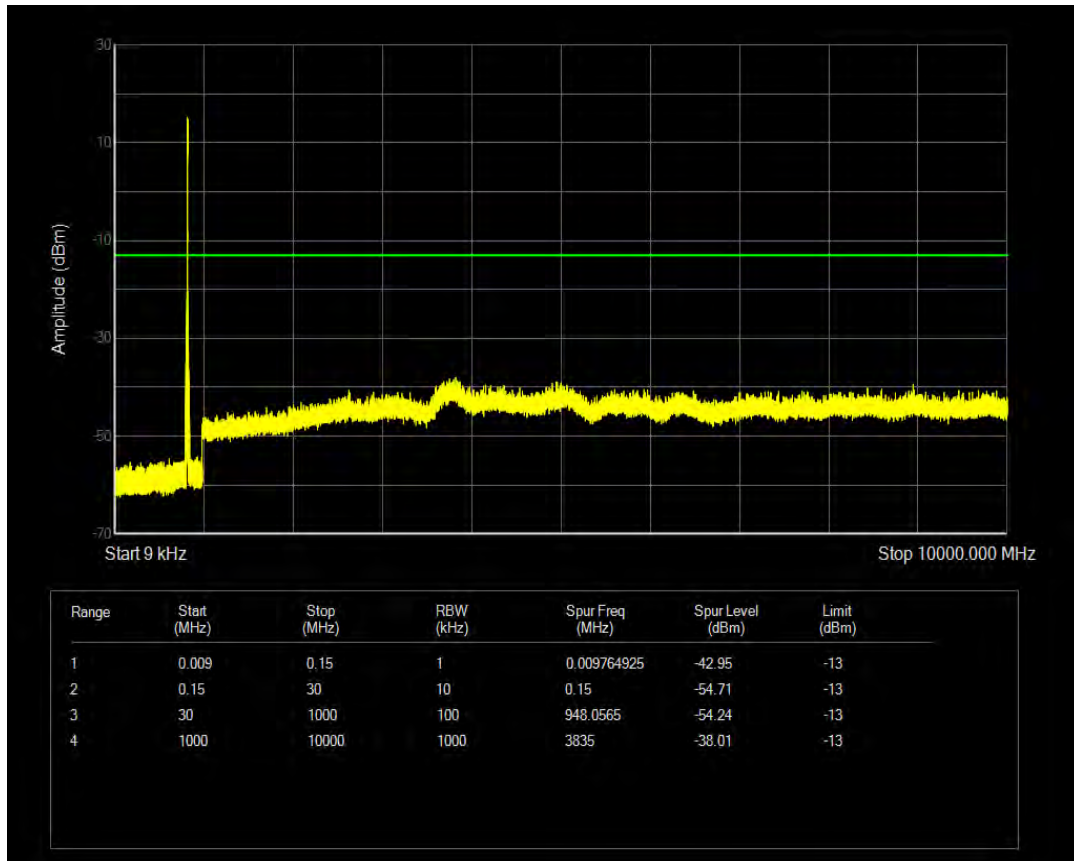
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=1@0



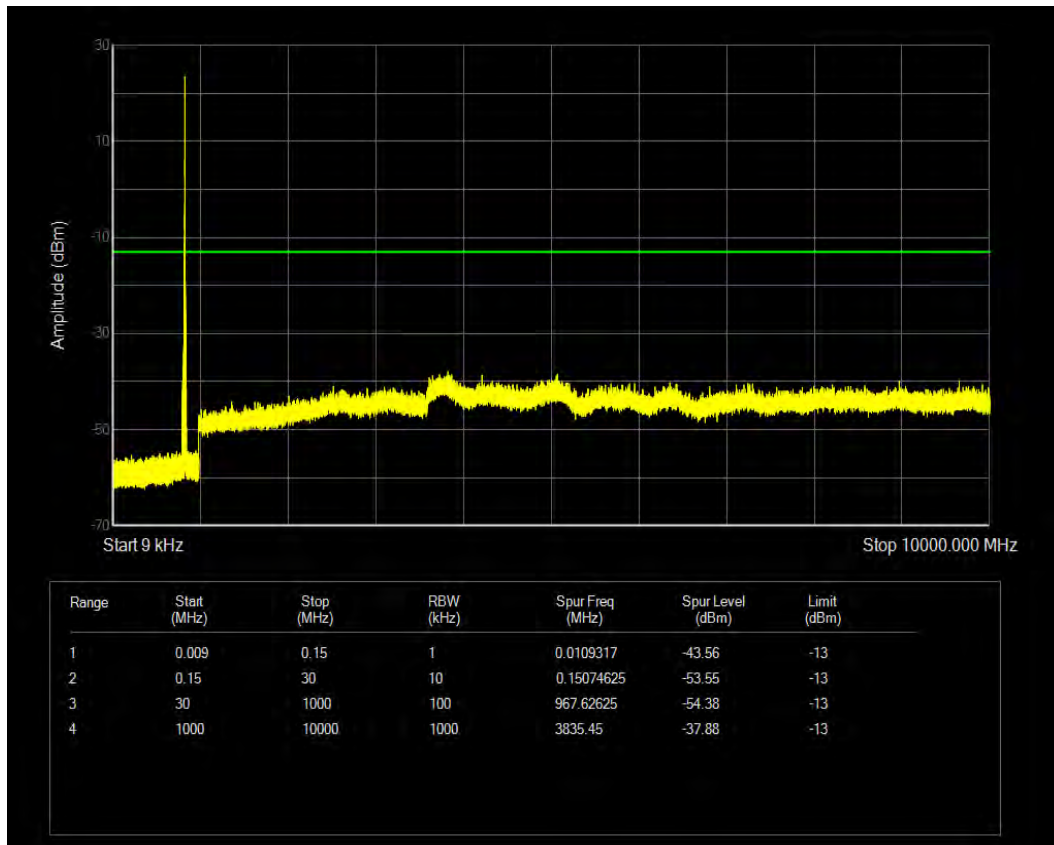
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=1@24



n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=167300 RB=25@0



n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=1@0



n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=1@24



n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=25@0

