

1 Conducted output power for NR FR1

NR Band n7 SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			502000	507000	512000		502000	507000	512000		
			2510	2535	2560		2510	2535	2560		
20	DFT_BPSK	50@25	23.22	22.96	22.80	1.0	24.22	23.96	23.80	33.01	Pass
20	DFT_BPSK	1@1	23.51	22.82	22.87	1.0	24.51	23.82	23.87		Pass
20	DFT_BPSK	1@104	22.75	22.93	23.58	1.0	23.75	23.93	24.58		Pass
20	DFT_QPSK	50@25	23.30	23.67	23.04	1.0	24.30	24.67	24.04		Pass
20	DFT_QPSK	1@1	23.63	23.41	22.77	1.0	24.63	24.41	23.77		Pass
20	DFT_QPSK	1@104	23.17	22.97	23.50	1.0	24.17	23.97	24.50		Pass
20	DFT_QAM16	50@25	22.37	22.38	22.36	1.0	23.37	23.38	23.36		Pass
20	DFT_QAM16	1@1	22.02	22.38	22.19	1.0	23.02	23.38	23.19		Pass
20	DFT_QAM16	1@104	22.14	22.37	22.15	1.0	23.14	23.37	23.15		Pass
20	DFT_QAM64	50@25	21.25	21.24	21.38	1.0	22.25	22.24	22.38		Pass
20	DFT_QAM64	1@1	21.37	21.07	21.24	1.0	22.37	22.07	22.24		Pass
20	DFT_QAM64	1@104	21.09	21.37	21.21	1.0	22.09	22.37	22.21		Pass
20	DFT_QAM256	50@25	19.35	19.35	19.01	1.0	20.35	20.35	20.01		Pass
20	DFT_QAM256	1@1	19.11	19.09	19.20	1.0	20.11	20.09	20.20		Pass
20	DFT_QAM256	1@104	19.28	19.12	19.10	1.0	20.28	20.12	20.10		Pass
20	CP_QPSK	53@26	21.13	21.25	21.15	1.0	22.13	22.25	22.15		Pass
20	CP_QPSK	1@1	21.06	21.20	21.30	1.0	22.06	22.20	22.30		Pass
20	CP_QPSK	1@104	21.40	21.24	21.13	1.0	22.40	22.24	22.13		Pass
20	CP_QAM16	53@26	21.31	21.45	21.12	1.0	22.31	22.45	22.12		Pass
20	CP_QAM16	1@1	21.19	21.33	21.19	1.0	22.19	22.33	22.19		Pass
20	CP_QAM16	1@104	21.29	21.17	21.09	1.0	22.29	22.17	22.09		Pass
20	CP_QAM64	53@26	19.29	19.41	19.05	1.0	20.29	20.41	20.05		Pass
20	CP_QAM64	1@1	19.26	19.03	19.40	1.0	20.26	20.03	20.40		Pass
20	CP_QAM64	1@104	19.27	19.02	19.44	1.0	20.27	20.02	20.44		Pass
20	CP_QAM256	53@26	17.12	17.12	17.12	1.0	18.12	18.12	18.12		Pass
20	CP_QAM256	1@1	17.02	17.07	17.38	1.0	18.02	18.07	18.38		Pass
20	CP_QAM256	1@104	17.18	17.36	17.20	1.0	18.18	18.36	18.20		Pass

NR Band n7 SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			501500	507000	512500		501500	507000	512500		
			2507.5	2535	2562.5		2507.5	2535	2562.5		
15	DFT_BPSK	36@18	23.47	23.21	23.05	1.0	24.55	24.21	24.81	33.01	Pass
15	DFT_BPSK	1@1	23.76	23.07	23.12	1.0	24.25	24.20	24.83		Pass
15	DFT_BPSK	1@77	23.00	23.18	23.83	1.0	24.41	24.97	24.77		Pass
15	DFT_QPSK	36@18	23.55	23.92	23.29	1.0	24.36	24.73	24.65		Pass
15	DFT_QPSK	1@1	23.88	23.66	23.02	1.0	24.49	24.55	24.26		Pass
15	DFT_QPSK	1@77	23.42	23.22	23.75	1.0	24.29	24.12	24.97		Pass
15	DFT_QAM16	36@18	22.37	22.38	22.36	1.0	23.17	23.35	23.28		Pass
15	DFT_QAM16	1@1	22.02	22.38	22.19	1.0	23.33	23.41	23.37		Pass
15	DFT_QAM16	1@77	22.14	22.37	22.15	1.0	23.27	23.23	23.03		Pass
15	DFT_QAM64	36@18	21.25	21.24	21.38	1.0	22.33	22.27	22.06		Pass
15	DFT_QAM64	1@1	21.37	21.07	21.24	1.0	22.39	22.04	22.07		Pass
15	DFT_QAM64	1@77	21.09	21.37	21.21	1.0	22.40	22.18	22.13		Pass
15	DFT_QAM256	36@18	19.35	19.35	19.01	1.0	20.34	20.28	20.29		Pass
15	DFT_QAM256	1@1	19.11	19.09	19.20	1.0	20.18	20.34	20.03		Pass
15	DFT_QAM256	1@77	19.28	19.12	19.10	1.0	20.09	20.09	20.26		Pass
15	CP_QPSK	39@19	21.13	21.25	21.15	1.0	22.02	22.15	22.22		Pass
15	CP_QPSK	1@1	21.06	21.20	21.30	1.0	22.40	22.36	22.04		Pass
15	CP_QPSK	1@77	21.40	21.24	21.13	1.0	22.08	22.26	22.21		Pass
15	CP_QAM16	39@19	21.31	21.45	21.12	1.0	22.07	22.28	22.40		Pass
15	CP_QAM16	1@1	21.19	21.33	21.19	1.0	22.31	22.39	22.42		Pass
15	CP_QAM16	1@77	21.29	21.17	21.09	1.0	22.28	22.39	22.03		Pass
15	CP_QAM64	39@19	19.29	19.41	19.05	1.0	20.24	20.02	20.41		Pass
15	CP_QAM64	1@1	19.26	19.03	19.40	1.0	20.04	20.05	20.23		Pass
15	CP_QAM64	1@77	19.27	19.02	19.44	1.0	20.36	20.41	20.18		Pass
15	CP_QAM256	39@19	17.12	17.12	17.12	1.0	18.40	18.18	18.30		Pass
15	CP_QAM256	1@1	17.02	17.07	17.38	1.0	18.34	18.15	18.13		Pass
15	CP_QAM256	1@77	17.18	17.36	17.20	1.0	18.25	18.35	18.18		Pass

NR Band n7 SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			501000	507000	513000		501000	507000	513000		
			2505	2535	2565		2505	2535	2565		
10	DFT_BPSK	25@12	23.39	23.27	23.74	1.0	24.39	24.27	24.74	33.01	Pass
10	DFT_BPSK	1@1	23.92	23.76	23.74	1.0	24.92	24.76	24.74		Pass
10	DFT_BPSK	1@50	23.58	23.58	23.85	1.0	24.58	24.58	24.85		Pass
10	DFT_QPSK	25@12	23.37	23.05	23.87	1.0	24.37	24.05	24.87		Pass
10	DFT_QPSK	1@1	23.90	23.65	23.68	1.0	24.90	24.65	24.68		Pass
10	DFT_QPSK	1@50	23.20	23.34	23.61	1.0	24.20	24.34	24.61		Pass
10	DFT_QAM16	25@12	22.13	22.12	22.01	1.0	23.13	23.12	23.01		Pass
10	DFT_QAM16	1@1	22.16	22.12	22.41	1.0	23.16	23.12	23.41		Pass
10	DFT_QAM16	1@50	22.37	22.31	22.04	1.0	23.37	23.31	23.04		Pass
10	DFT_QAM64	25@12	21.24	21.40	21.06	1.0	22.24	22.40	22.06		Pass
10	DFT_QAM64	1@1	21.02	21.08	21.28	1.0	22.02	22.08	22.28		Pass
10	DFT_QAM64	1@50	21.43	21.30	21.25	1.0	22.43	22.30	22.25		Pass
10	DFT_QAM256	25@12	19.25	19.35	19.37	1.0	20.25	20.35	20.37		Pass
10	DFT_QAM256	1@1	19.02	19.39	19.01	1.0	20.02	20.39	20.01		Pass
10	DFT_QAM256	1@50	19.43	19.40	19.30	1.0	20.43	20.40	20.30		Pass
10	CP_QPSK	26@13	21.19	21.07	21.44	1.0	22.19	22.07	22.44		Pass
10	CP_QPSK	1@1	21.33	21.07	21.16	1.0	22.33	22.07	22.16		Pass
10	CP_QPSK	1@50	21.27	21.18	21.40	1.0	22.27	22.18	22.40		Pass
10	CP_QAM16	26@13	21.01	21.33	21.25	1.0	22.01	22.33	22.25		Pass
10	CP_QAM16	1@1	21.30	21.35	21.18	1.0	22.30	22.35	22.18		Pass
10	CP_QAM16	1@50	21.20	21.21	21.30	1.0	22.20	22.21	22.30		Pass
10	CP_QAM64	26@13	19.13	19.24	19.19	1.0	20.13	20.24	20.19		Pass
10	CP_QAM64	1@1	19.09	19.19	19.11	1.0	20.09	20.19	20.11		Pass
10	CP_QAM64	1@50	19.34	19.03	19.31	1.0	20.34	20.03	20.31		Pass
10	CP_QAM256	26@13	17.40	17.45	17.12	1.0	18.40	18.45	18.12		Pass
10	CP_QAM256	1@1	17.20	17.25	17.36	1.0	18.20	18.25	18.36		Pass
10	CP_QAM256	1@50	17.42	17.17	17.16	1.0	18.42	18.17	18.16		Pass

NR Band n7 SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			500500	507000	513500		500500	507000	513500		
			2502.5	2535	2567.5		2502.5	2535	2567.5		
5	DFT_BPSK	12@6	23.21	23.59	23.47	1.0	24.21	24.59	24.47	33.01	Pass
5	DFT_BPSK	1@1	23.35	23.73	23.92	1.0	24.35	24.73	24.92		Pass
5	DFT_BPSK	1@23	23.58	23.86	23.76	1.0	24.58	24.86	24.76		Pass
5	DFT_QPSK	12@6	23.19	23.32	23.87	1.0	24.19	24.32	24.87		Pass
5	DFT_QPSK	1@1	23.83	23.22	23.49	1.0	24.83	24.22	24.49		Pass
5	DFT_QPSK	1@23	23.89	23.79	23.70	1.0	24.89	24.79	24.70		Pass
5	DFT_QAM16	12@6	22.45	22.44	22.23	1.0	23.45	23.44	23.23		Pass
5	DFT_QAM16	1@1	22.42	22.04	22.12	1.0	23.42	23.04	23.12		Pass
5	DFT_QAM16	1@23	22.15	22.27	22.39	1.0	23.15	23.27	23.39		Pass
5	DFT_QAM64	12@6	21.24	21.10	21.10	1.0	22.24	22.10	22.10		Pass
5	DFT_QAM64	1@1	21.23	21.25	21.28	1.0	22.23	22.25	22.28		Pass
5	DFT_QAM64	1@23	21.05	21.04	21.23	1.0	22.05	22.04	22.23		Pass
5	DFT_QAM256	12@6	19.37	19.03	19.33	1.0	20.37	20.03	20.33		Pass
5	DFT_QAM256	1@1	19.22	19.07	19.06	1.0	20.22	20.07	20.06		Pass
5	DFT_QAM256	1@23	19.26	19.45	19.01	1.0	20.26	20.45	20.01		Pass
5	CP_QPSK	13@6	21.19	21.39	21.24	1.0	22.19	22.39	22.24		Pass
5	CP_QPSK	1@1	21.14	21.39	21.07	1.0	22.14	22.39	22.07		Pass
5	CP_QPSK	1@23	21.32	21.24	21.02	1.0	22.32	22.24	22.02		Pass
5	CP_QAM16	13@6	21.09	21.04	21.42	1.0	22.09	22.04	22.42		Pass
5	CP_QAM16	1@1	21.03	21.41	21.19	1.0	22.03	22.41	22.19		Pass
5	CP_QAM16	1@23	21.38	21.42	21.23	1.0	22.38	22.42	22.23		Pass
5	CP_QAM64	13@6	19.29	19.42	19.11	1.0	20.29	20.42	20.11		Pass
5	CP_QAM64	1@1	19.26	19.20	19.12	1.0	20.26	20.20	20.12		Pass
5	CP_QAM64	1@23	19.41	19.02	19.08	1.0	20.41	20.02	20.08		Pass
5	CP_QAM256	13@6	17.31	17.23	17.19	1.0	18.31	18.23	18.19		Pass
5	CP_QAM256	1@1	17.12	17.24	17.43	1.0	18.12	18.24	18.43		Pass
5	CP_QAM256	1@23	17.21	17.17	17.13	1.0	18.21	18.17	18.13		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
n7	30	20	507000	50@25	DFT_BPSK	3.85	-4.05	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	50@25	DFT_BPSK	3.50	-2.76	0.00		PASS
n7	30	20	507000	50@25	DFT_BPSK	4.40	-5.50	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	3.85	-2.06	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	3.50	0.56	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	4.40	-4.40	0.00		PASS

Note: Only the worst case shown in the report.

NV:

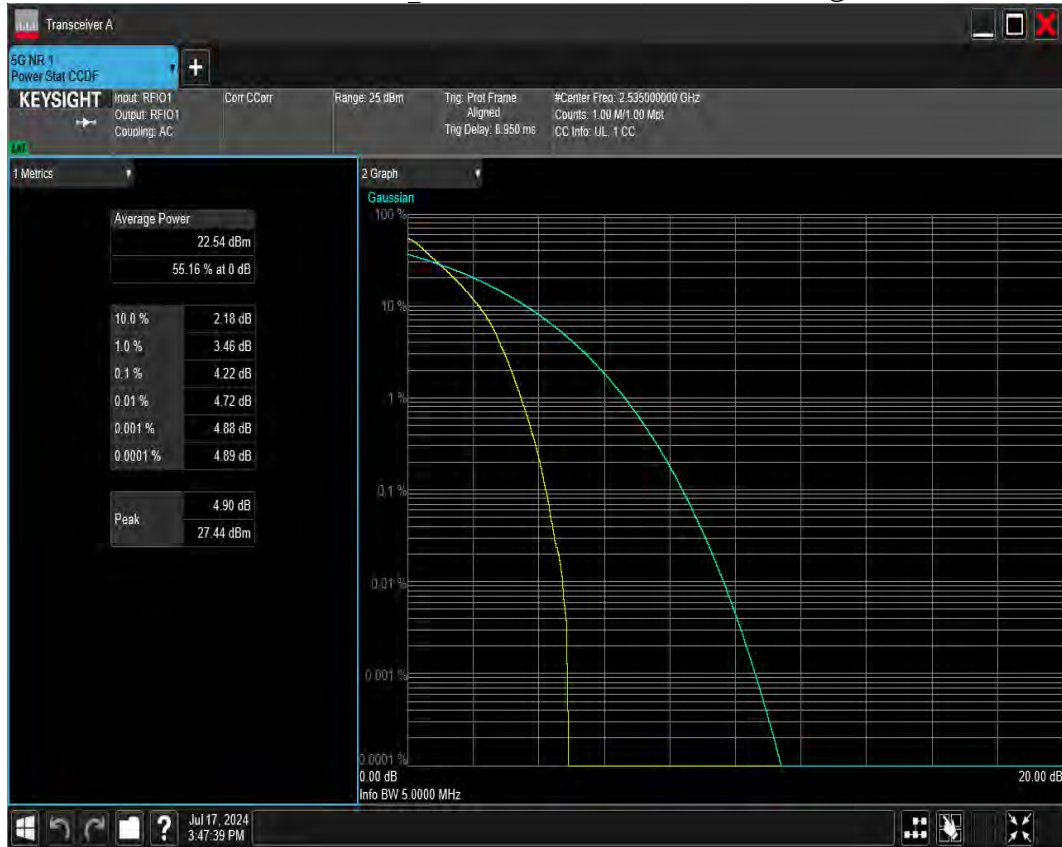
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n7	30	20	507000	50@25	DFT_BPSK	-30	-2.21	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	50@25	DFT_BPSK	-20	-1.73	0.00		PASS
n7	30	20	507000	50@25	DFT_BPSK	-10	-4.93	0.00		PASS
n7	30	20	507000	50@25	DFT_BPSK	0	-4.03	0.00		PASS
n7	30	20	507000	50@25	DFT_BPSK	10	-4.75	0.00		PASS
n7	30	20	507000	50@25	DFT_BPSK	20	-3.45	0.00		PASS
n7	30	20	507000	50@25	DFT_BPSK	30	-6.42	0.00		PASS
n7	30	20	507000	50@25	DFT_BPSK	40	-3.85	0.00		PASS
n7	30	20	507000	50@25	DFT_BPSK	50	-3.05	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	-30	-6.81	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	-20	-3.38	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	-10	-4.51	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	0	-3.96	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	10	-3.07	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	20	-4	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	30	-3.23	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	40	-2.3	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	50	-2.33	0.00		PASS

Note: Only the worst case shown in the report.

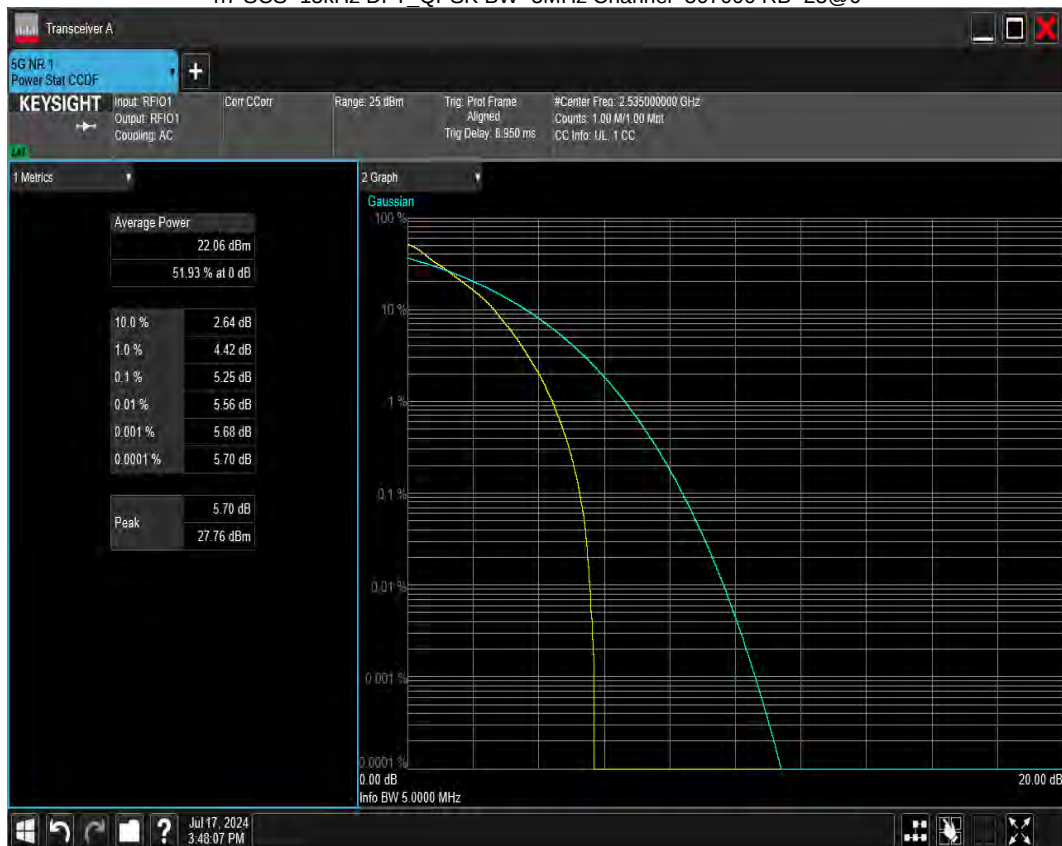
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n7	15	5	507000	25@0	DFT_BPSK	4.22	13	PASS
n7	15	5	507000	25@0	DFT_QPSK	5.25	13	PASS
n7	15	5	507000	25@0	DFT_QAM16	5.92	13	PASS
n7	15	5	507000	25@0	DFT_QAM64	6.35	13	PASS
n7	15	5	507000	25@0	DFT_QAM256	6.90	13	PASS
n7	15	10	507000	50@0	DFT_BPSK	4.28	13	PASS
n7	15	10	507000	50@0	DFT_QPSK	5.33	13	PASS
n7	15	10	507000	50@0	DFT_QAM16	6.20	13	PASS
n7	15	10	507000	50@0	DFT_QAM64	6.51	13	PASS
n7	15	10	507000	50@0	DFT_QAM256	6.95	13	PASS
n7	15	15	507000	75@0	DFT_BPSK	4.33	13	PASS
n7	15	15	507000	75@0	DFT_QPSK	5.45	13	PASS
n7	15	15	507000	75@0	DFT_QAM16	6.19	13	PASS
n7	15	15	507000	75@0	DFT_QAM64	6.42	13	PASS
n7	15	15	507000	75@0	DFT_QAM256	7.04	13	PASS
n7	15	20	507000	100@0	DFT_BPSK	4.43	13	PASS
n7	15	20	507000	100@0	DFT_QPSK	5.50	13	PASS
n7	15	20	507000	100@0	DFT_QAM16	6.35	13	PASS
n7	15	20	507000	100@0	DFT_QAM64	6.63	13	PASS
n7	15	20	507000	100@0	DFT_QAM256	7.16	13	PASS

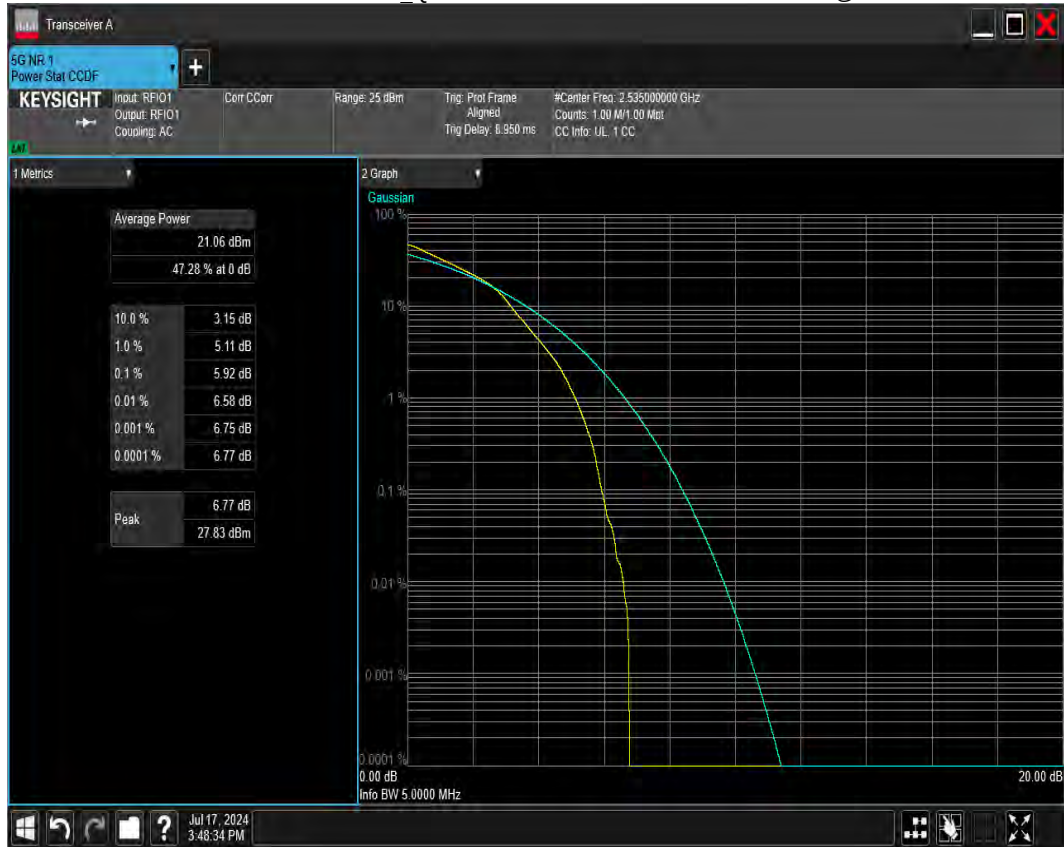
n7 SCS=15kHz DFT_BPSK BW=5MHz Channel=507000 RB=25@0



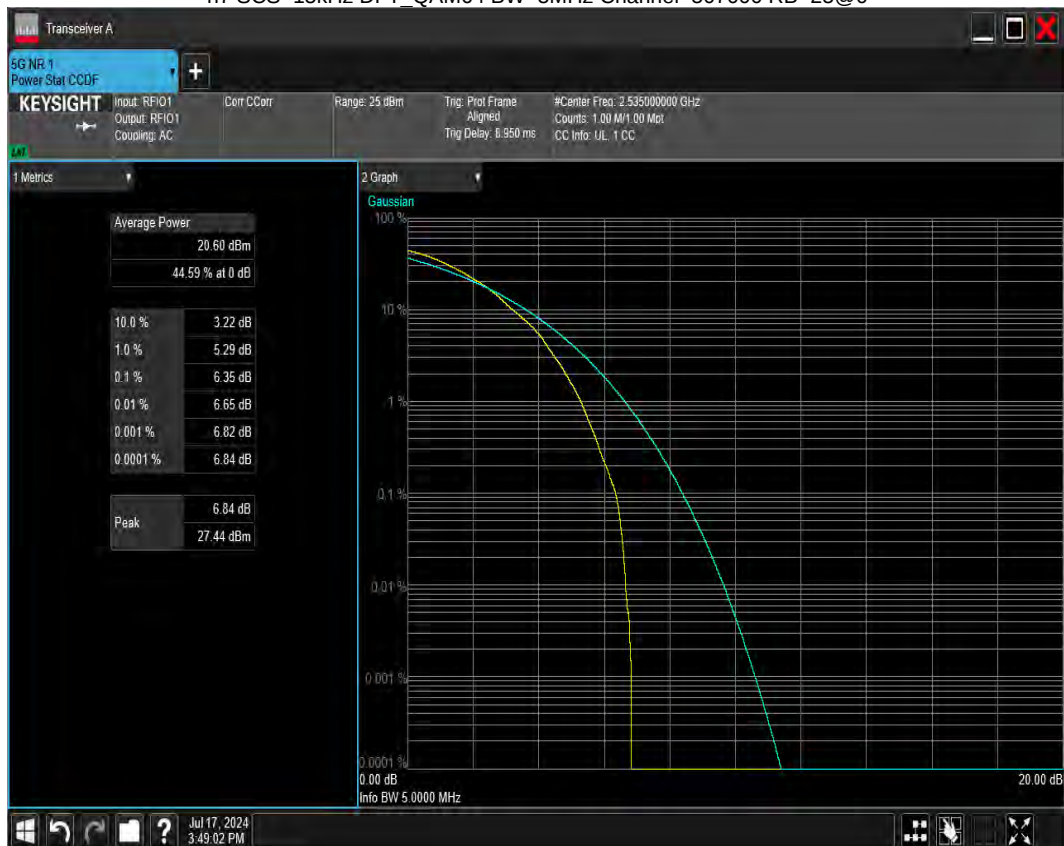
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=507000 RB=25@0



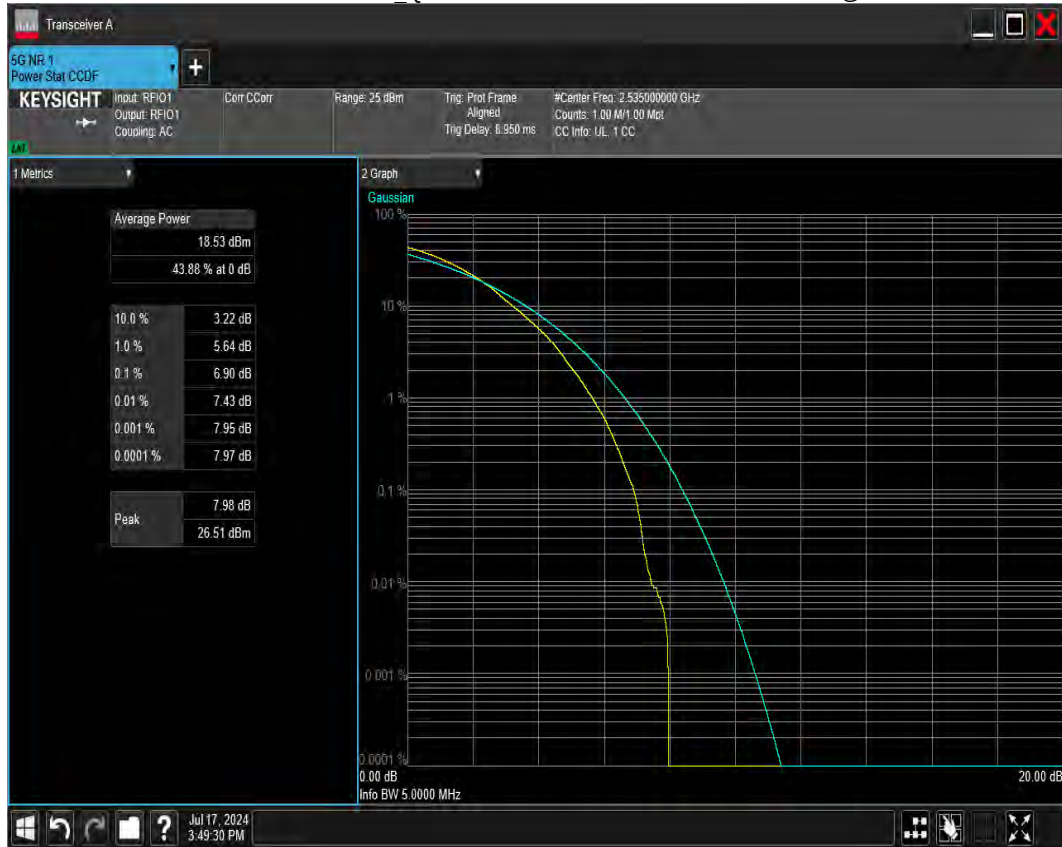
n7 SCS=15kHz DFT_QAM16 BW=5MHz Channel=507000 RB=25@0



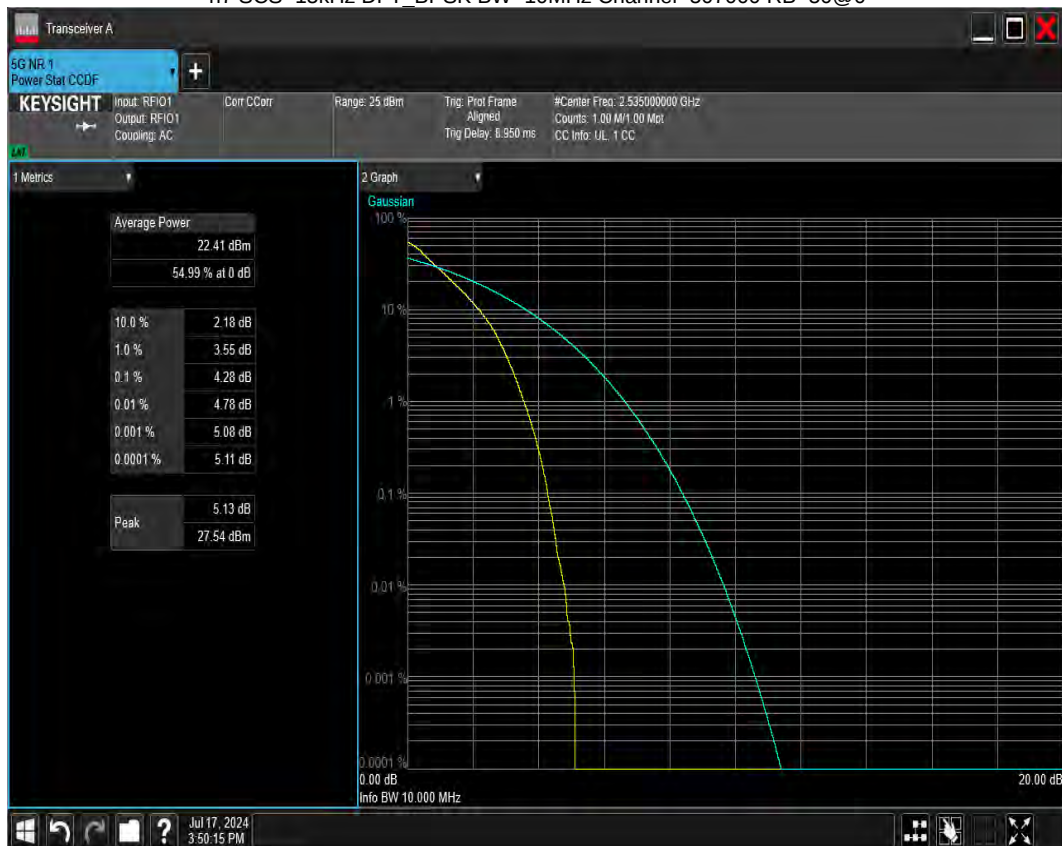
n7 SCS=15kHz DFT_QAM64 BW=5MHz Channel=507000 RB=25@0



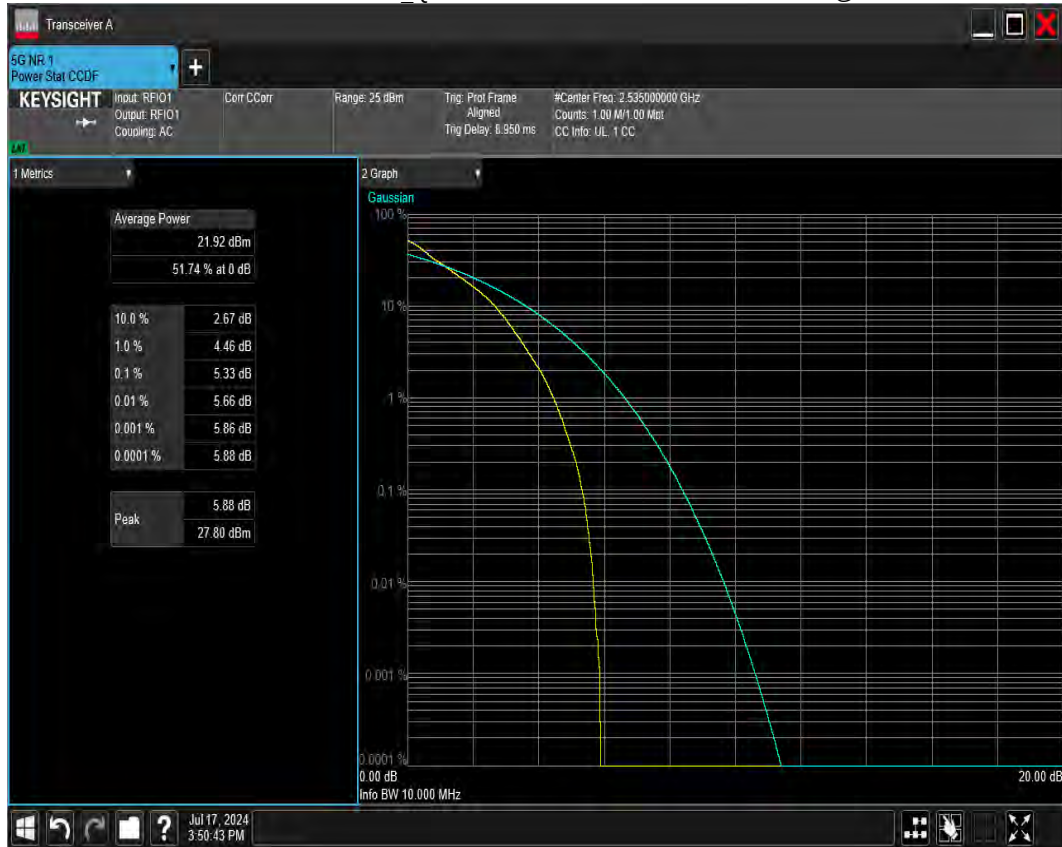
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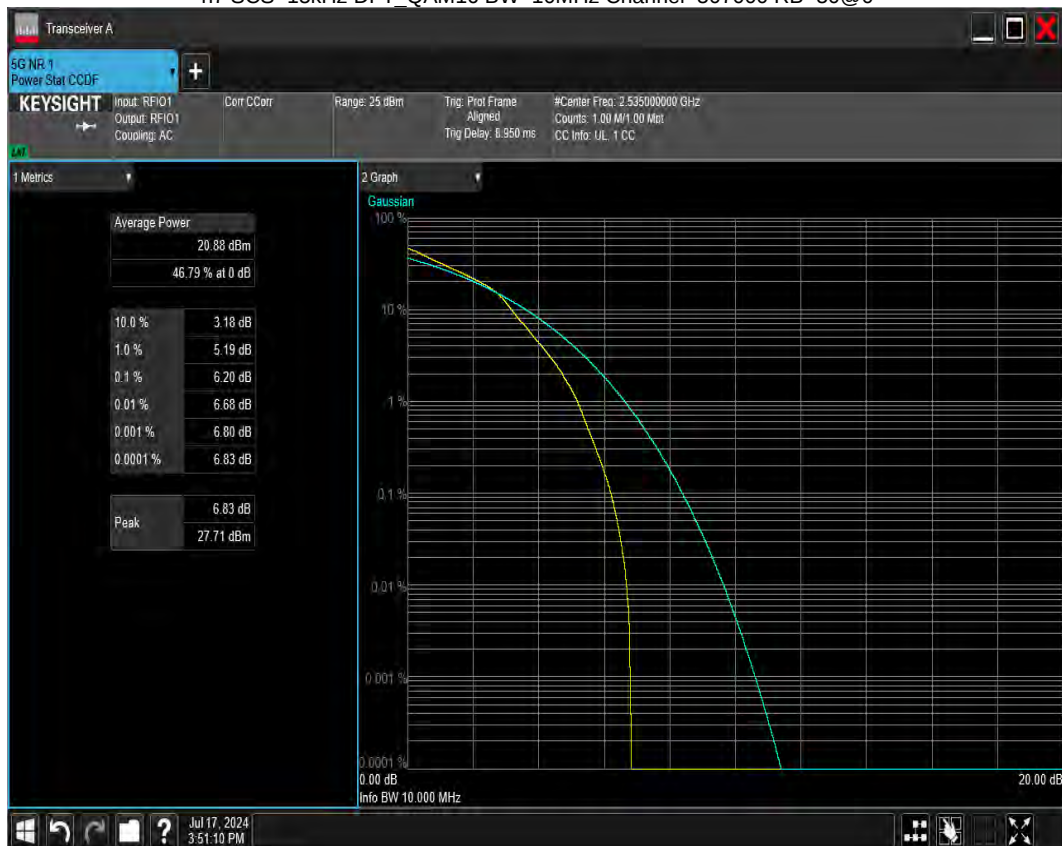
n7 SCS=15kHz DFT_BPSK BW=10MHz Channel=507000 RB=50@0



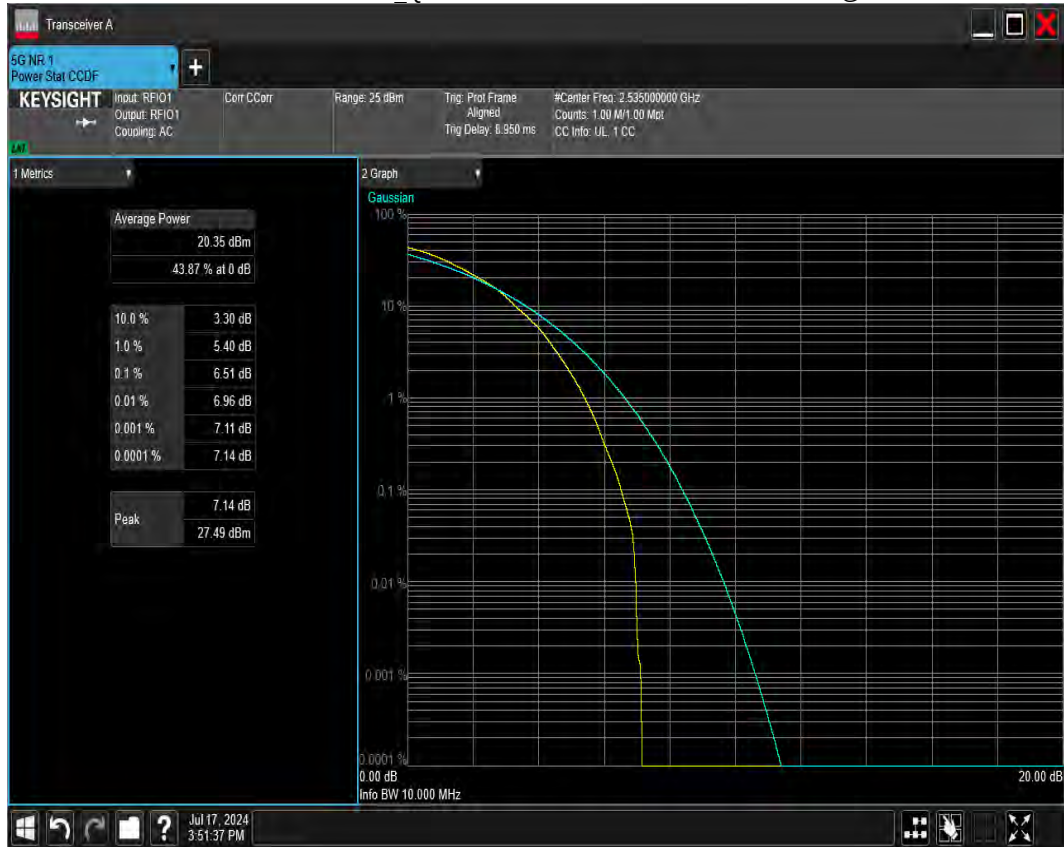
n7 SCS=15kHz DFT_QPSK BW=10MHz Channel=507000 RB=50@0



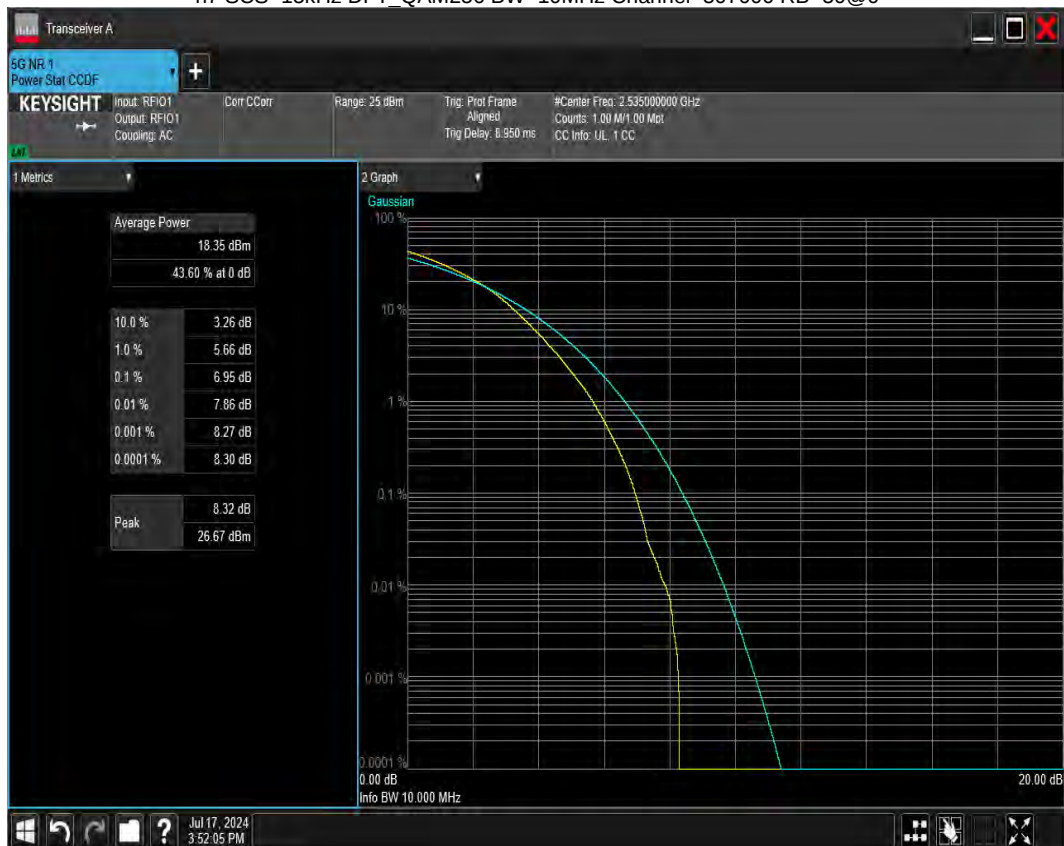
n7 SCS=15kHz DFT_QAM16 BW=10MHz Channel=507000 RB=50@0



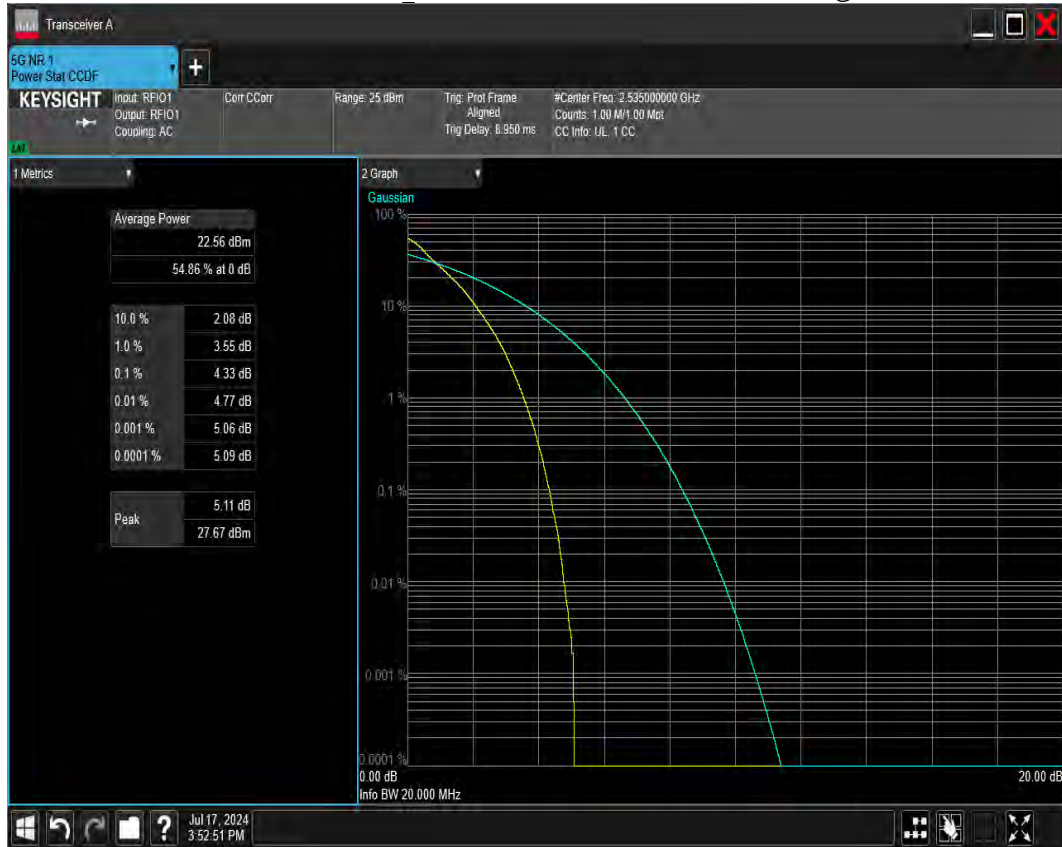
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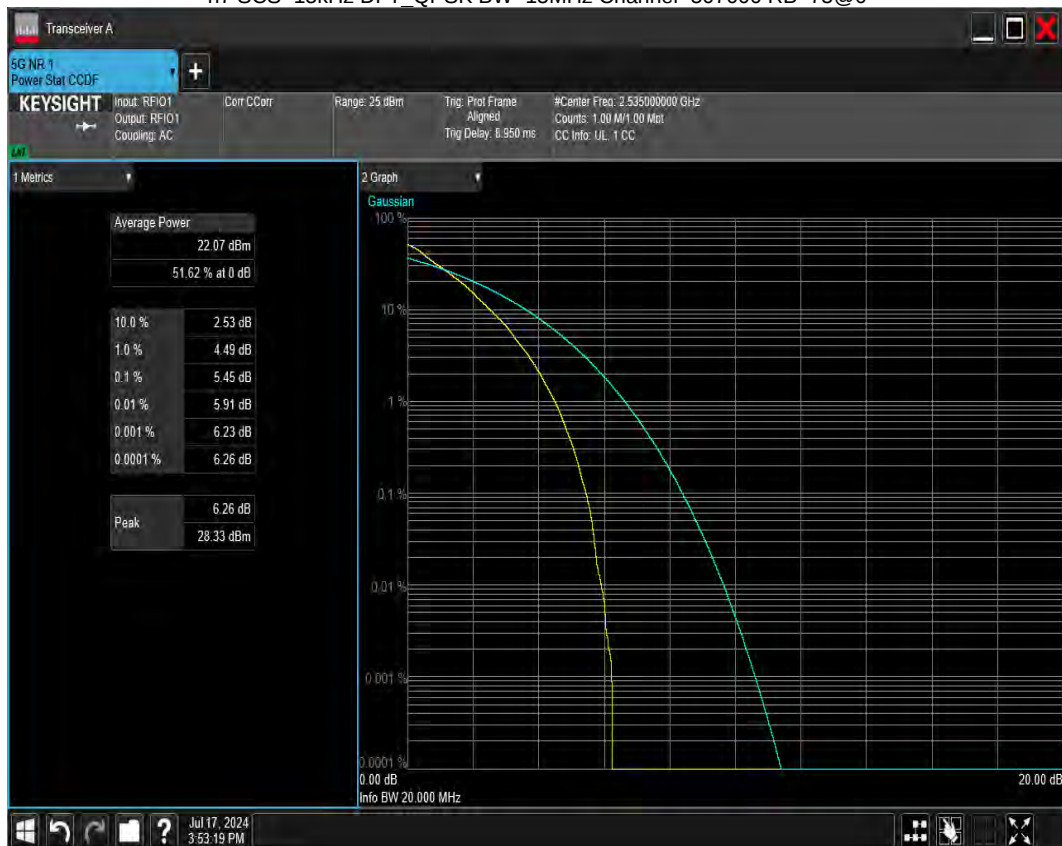
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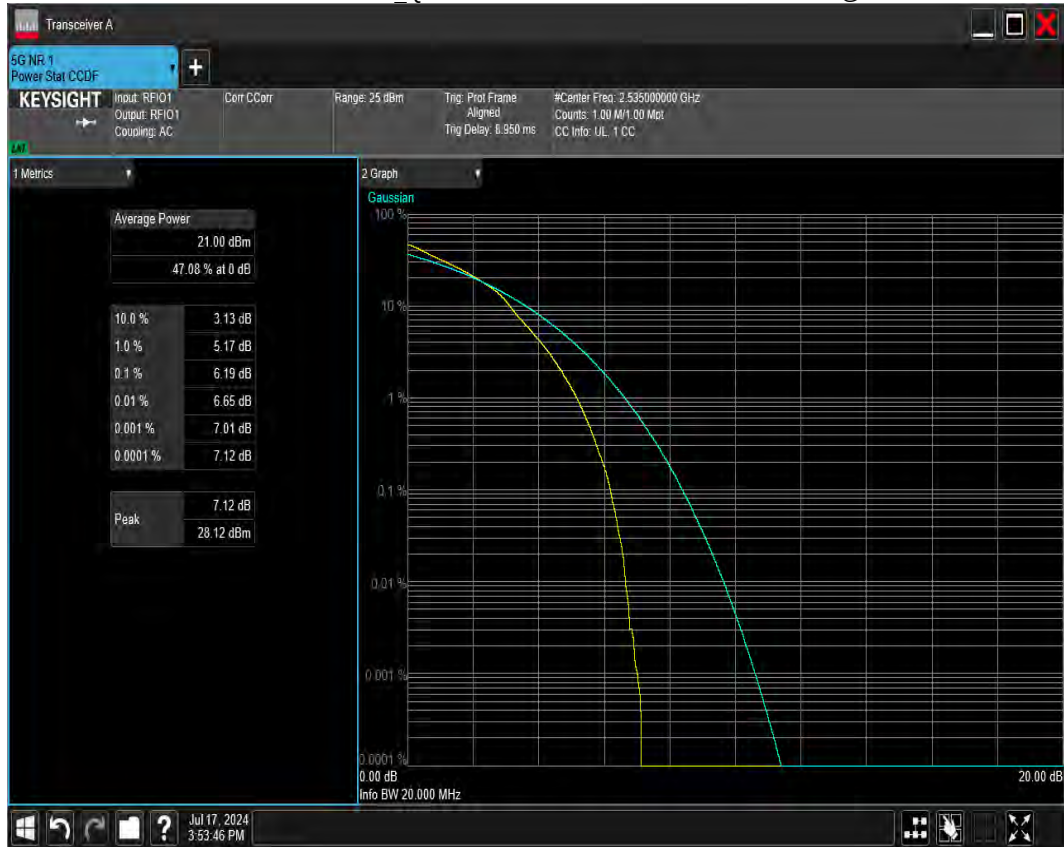
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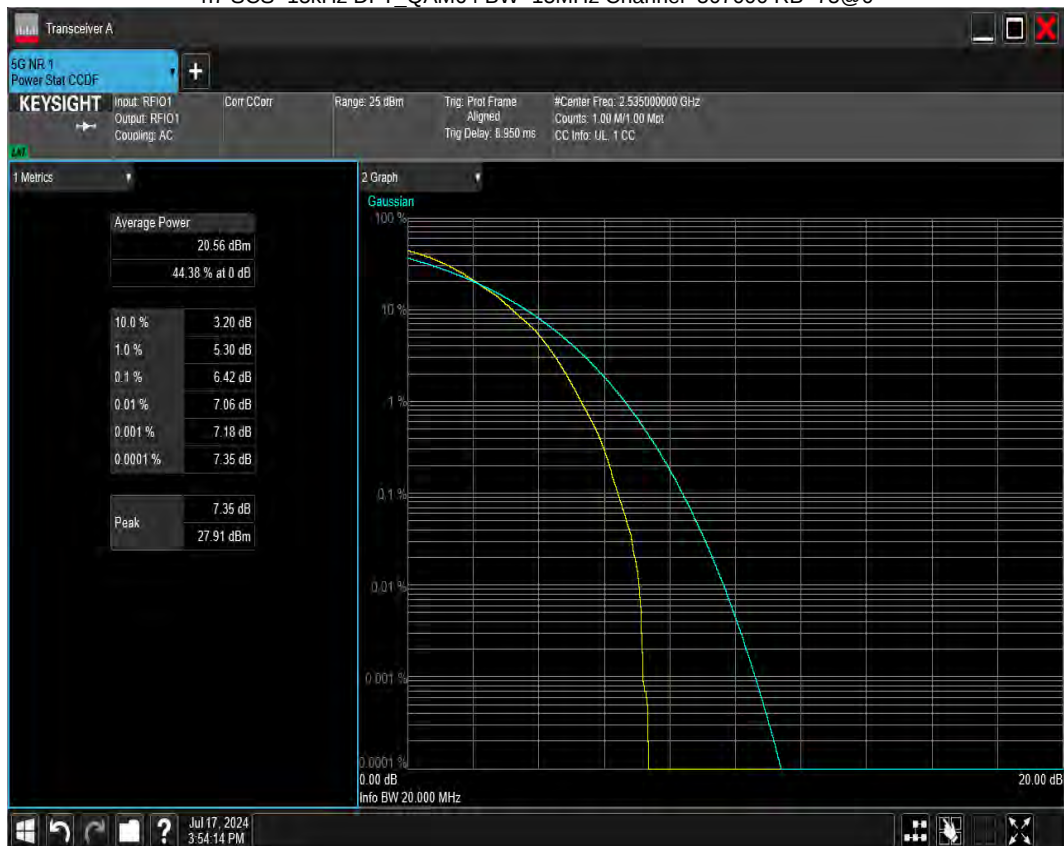
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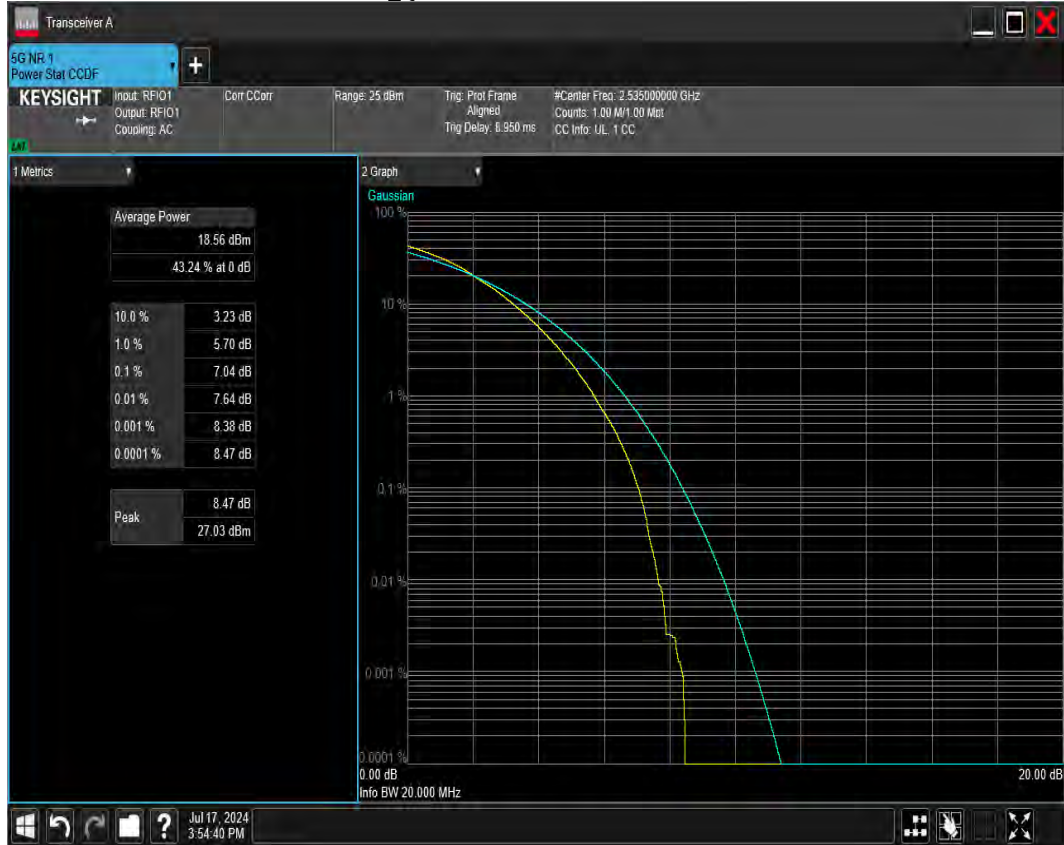
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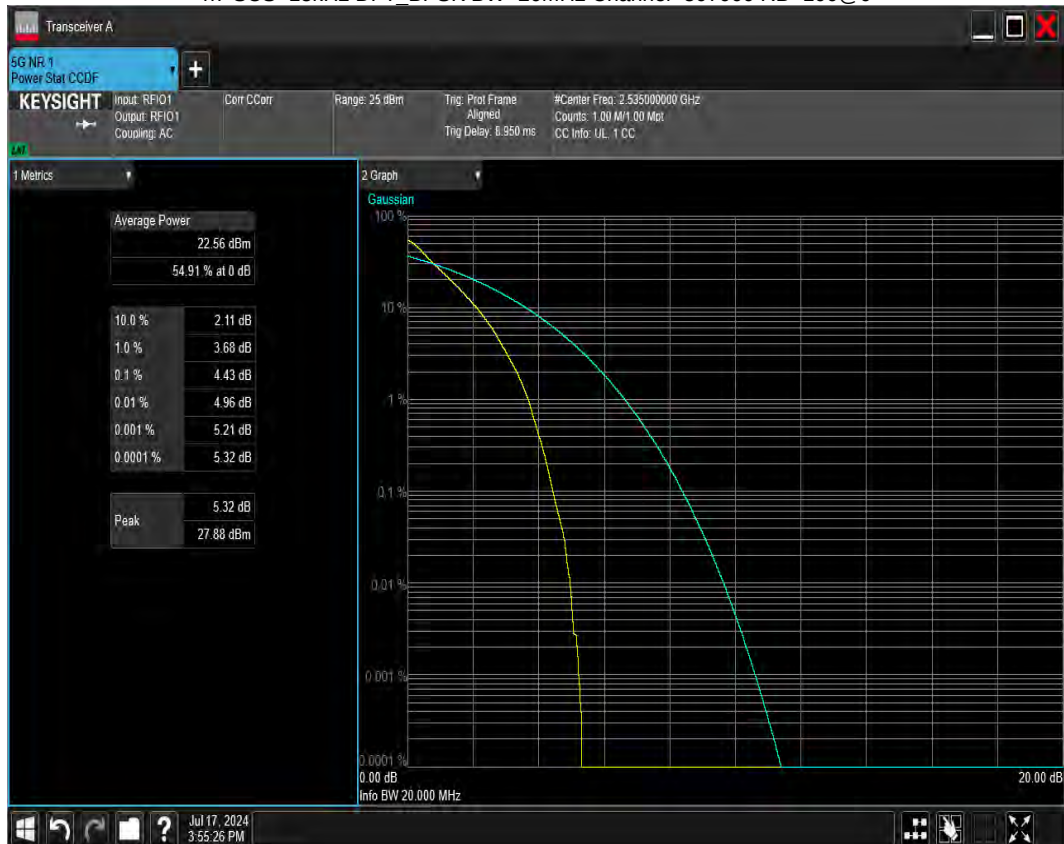
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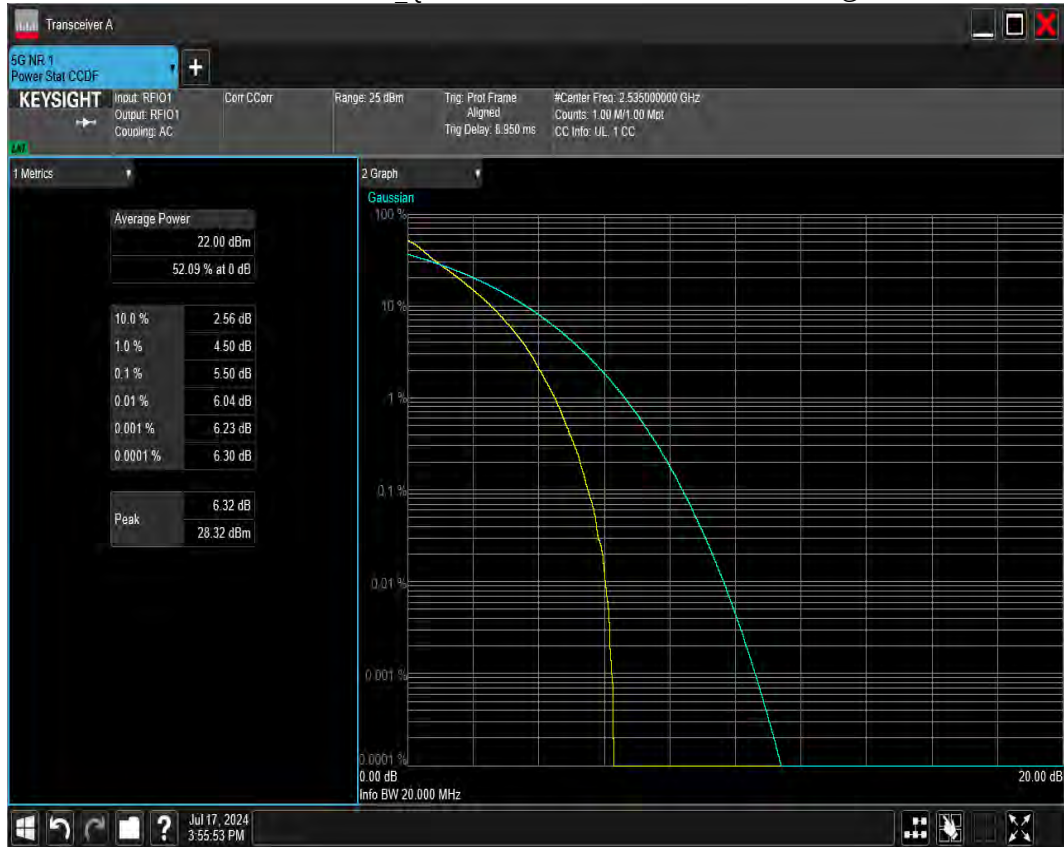
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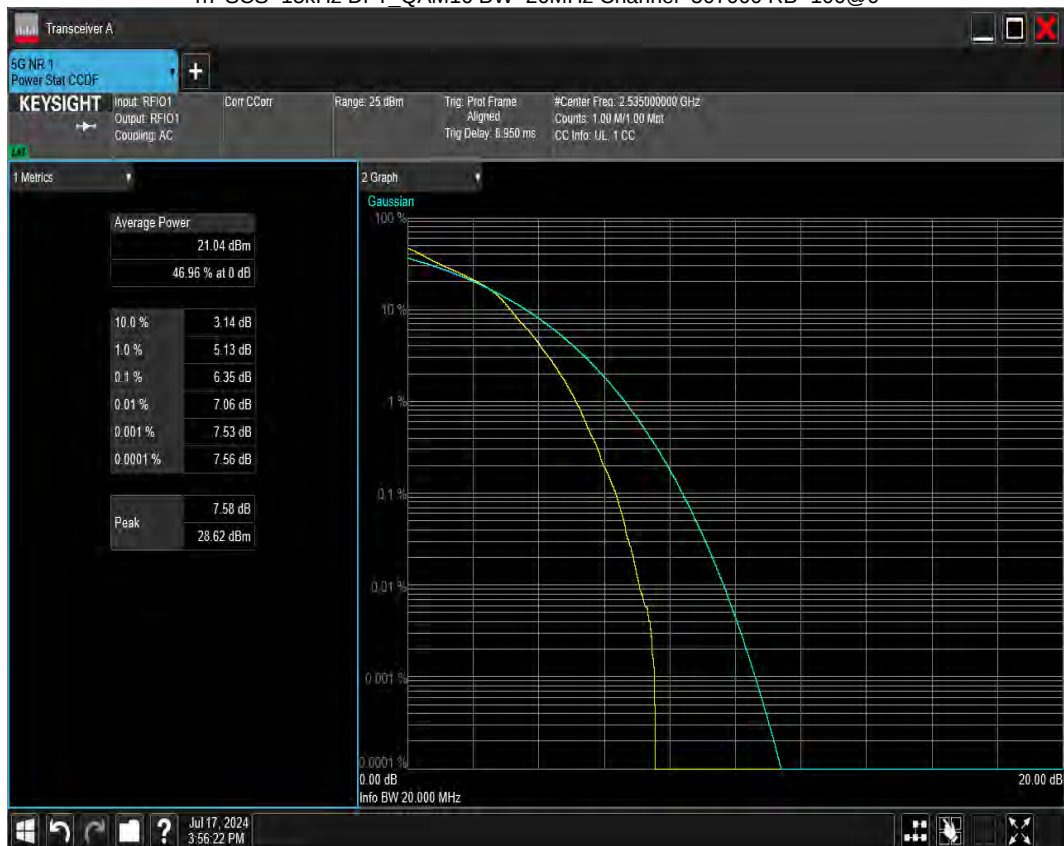
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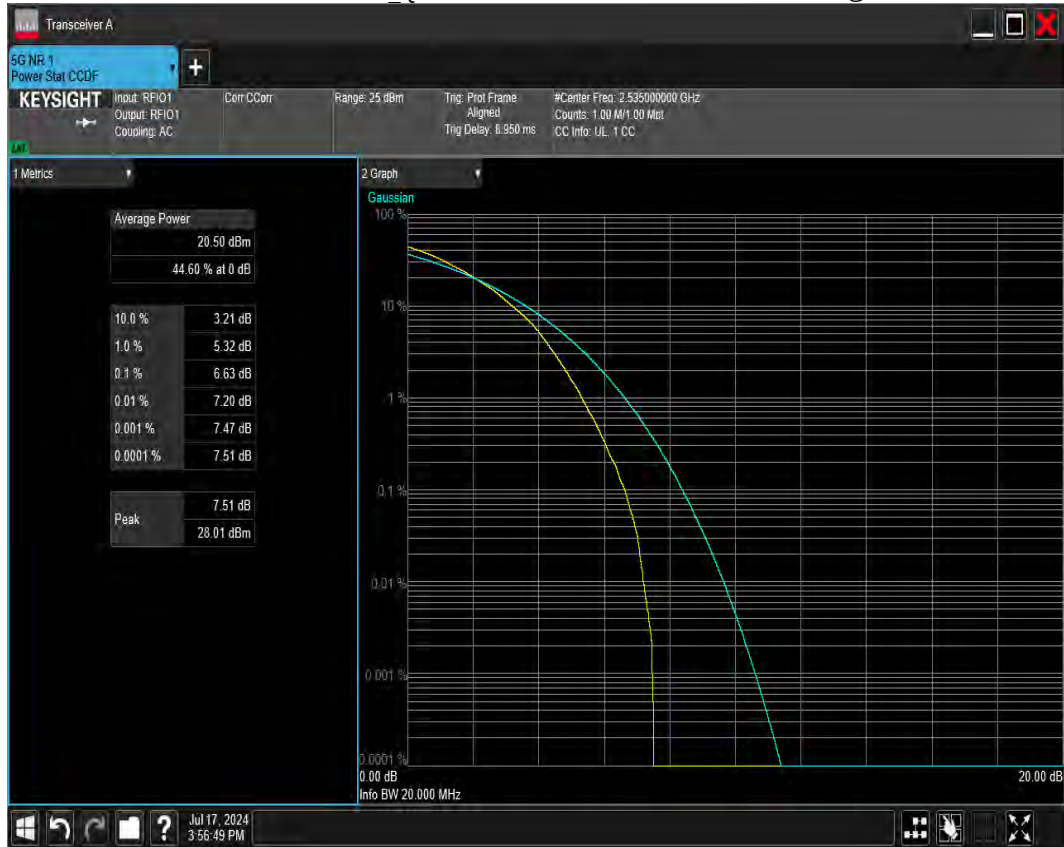
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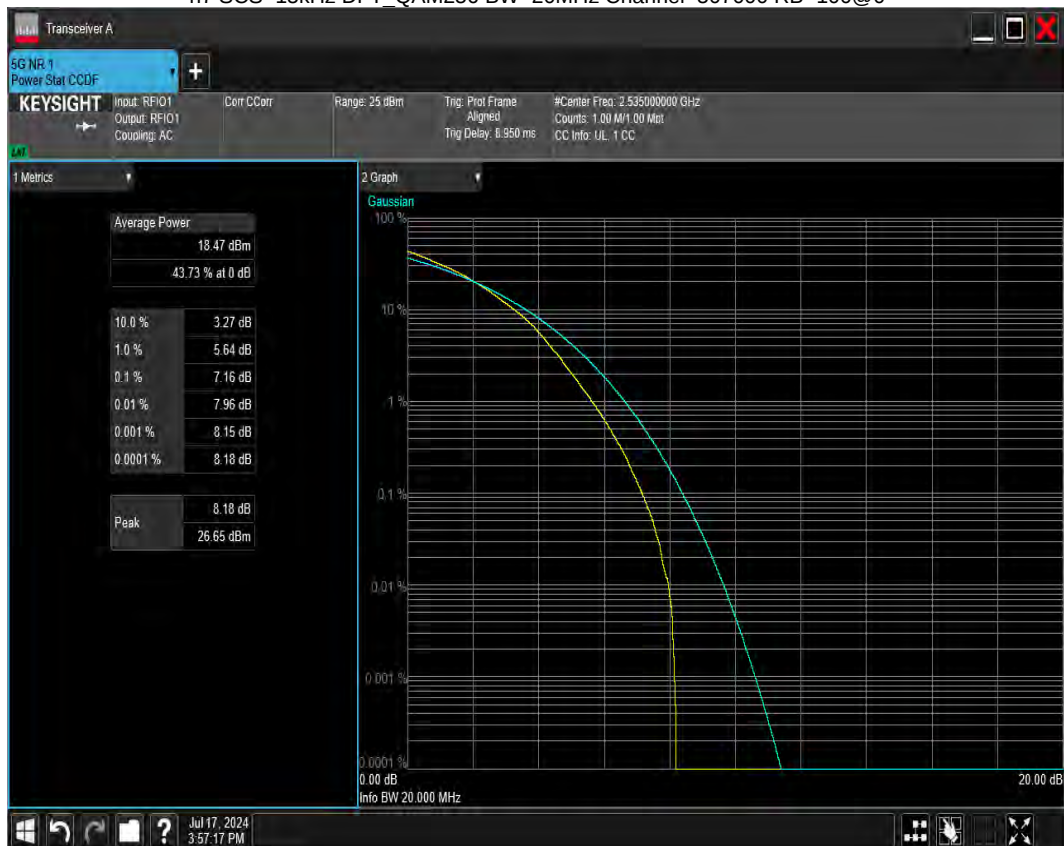
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n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT_QAM256 BW=20MHz Channel=507000 RB=100@0

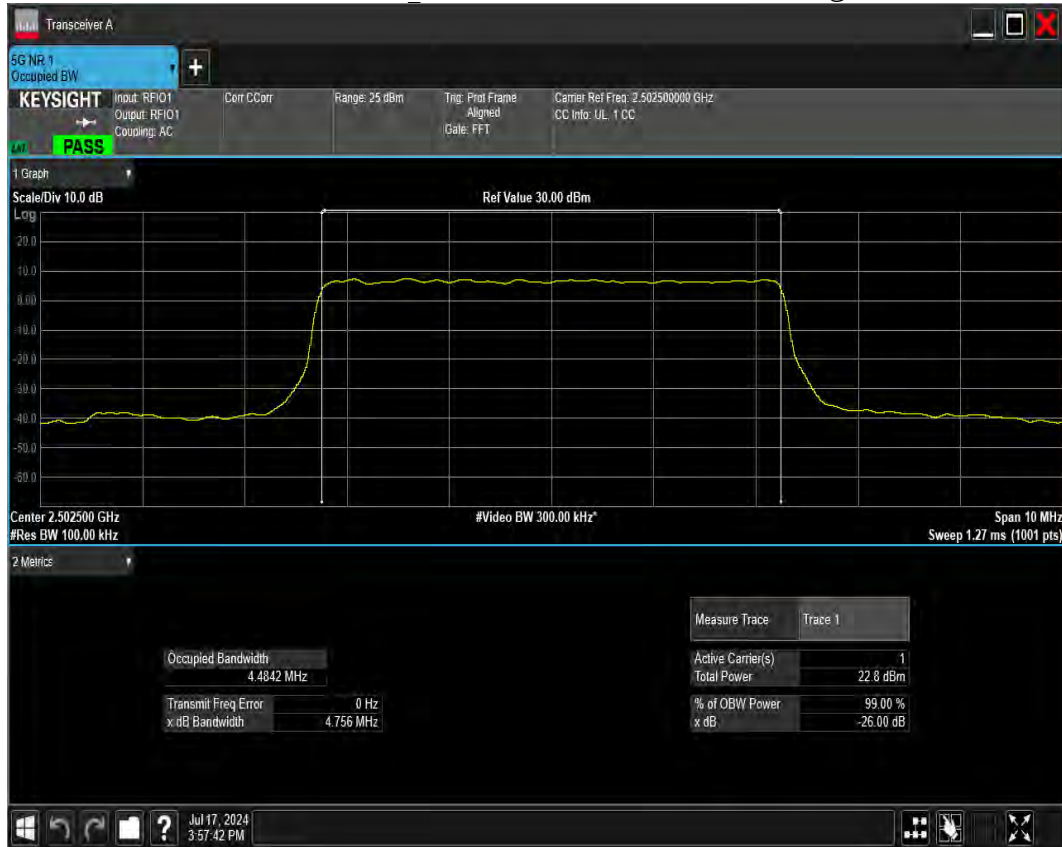


4 Occupied bandwidth for NR FR1

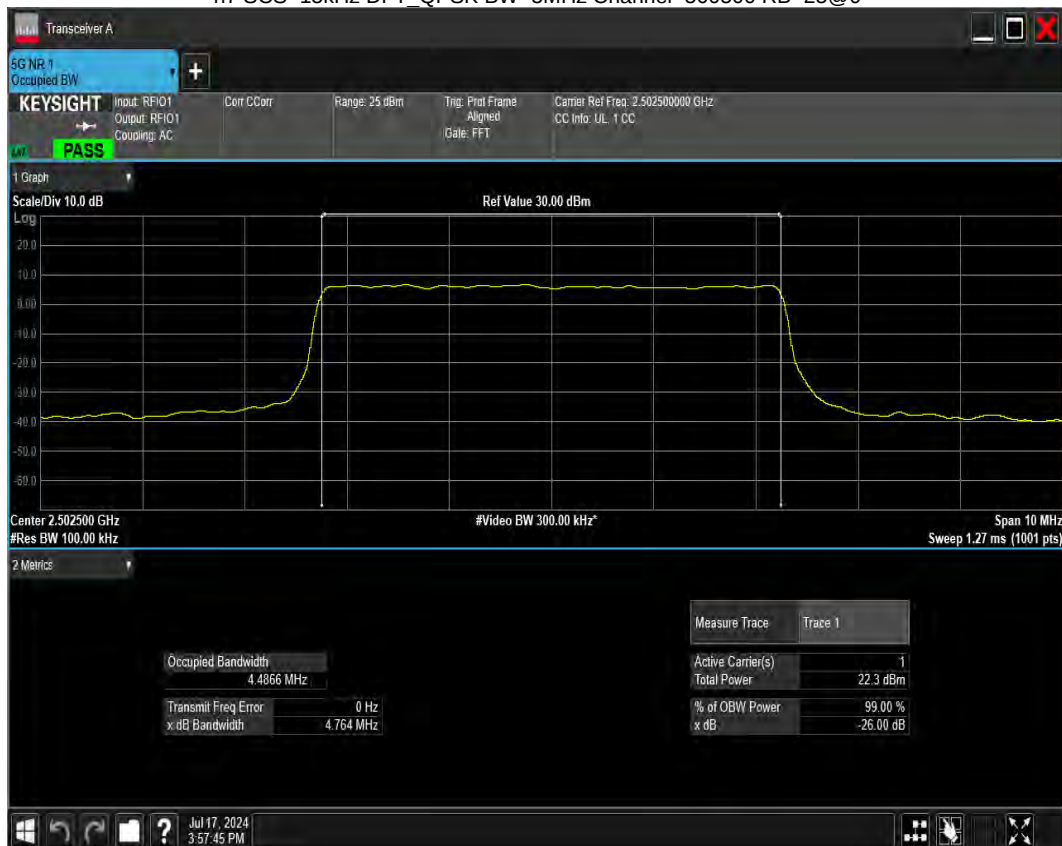
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n7	15	5	500500	25@0	DFT_BPSK	4.480	4.760	PASS
n7	15	5	500500	25@0	DFT_QPSK	4.490	4.760	PASS
n7	15	5	500500	25@0	DFT_QAM16	4.490	4.770	PASS
n7	15	5	500500	25@0	DFT_QAM64	4.490	4.790	PASS
n7	15	5	500500	25@0	DFT_QAM256	4.500	4.760	PASS
n7	15	5	500500	25@0	CP_QPSK	4.490	4.790	PASS
n7	15	5	507000	25@0	DFT_BPSK	4.480	4.760	PASS
n7	15	5	507000	25@0	DFT_QPSK	4.490	4.770	PASS
n7	15	5	507000	25@0	DFT_QAM16	4.490	4.770	PASS
n7	15	5	507000	25@0	DFT_QAM64	4.480	4.760	PASS
n7	15	5	507000	25@0	DFT_QAM256	4.500	4.760	PASS
n7	15	5	507000	25@0	CP_QPSK	4.490	4.770	PASS
n7	15	5	513500	25@0	DFT_BPSK	4.490	4.770	PASS
n7	15	5	513500	25@0	DFT_QPSK	4.490	4.780	PASS
n7	15	5	513500	25@0	DFT_QAM16	4.500	4.780	PASS
n7	15	5	513500	25@0	DFT_QAM64	4.490	4.780	PASS
n7	15	5	513500	25@0	DFT_QAM256	4.510	4.760	PASS
n7	15	5	513500	25@0	CP_QPSK	4.490	4.780	PASS
n7	15	10	501000	50@0	DFT_BPSK	9.220	9.480	PASS
n7	15	10	501000	50@0	DFT_QPSK	9.210	9.480	PASS
n7	15	10	501000	50@0	DFT_QAM16	9.240	9.490	PASS
n7	15	10	501000	50@0	DFT_QAM64	9.240	9.470	PASS
n7	15	10	501000	50@0	DFT_QAM256	9.220	9.510	PASS
n7	15	10	501000	52@0	CP_QPSK	9.330	9.840	PASS
n7	15	10	507000	50@0	DFT_BPSK	9.220	9.480	PASS
n7	15	10	507000	50@0	DFT_QPSK	9.220	9.480	PASS
n7	15	10	507000	50@0	DFT_QAM16	9.240	9.490	PASS
n7	15	10	507000	50@0	DFT_QAM64	9.210	9.480	PASS
n7	15	10	507000	50@0	DFT_QAM256	9.220	9.480	PASS
n7	15	10	507000	52@0	CP_QPSK	9.330	9.840	PASS
n7	15	10	513000	50@0	DFT_BPSK	9.240	9.480	PASS
n7	15	10	513000	50@0	DFT_QPSK	9.220	9.490	PASS
n7	15	10	513000	50@0	DFT_QAM16	9.250	9.500	PASS
n7	15	10	513000	50@0	DFT_QAM64	9.210	9.470	PASS
n7	15	10	513000	50@0	DFT_QAM256	9.220	9.480	PASS
n7	15	10	513000	52@0	CP_QPSK	9.330	9.840	PASS
n7	15	15	501500	75@0	DFT_BPSK	14.000	14.210	PASS
n7	15	15	501500	75@0	DFT_QPSK	13.990	14.190	PASS
n7	15	15	501500	75@0	DFT_QAM16	14.000	14.200	PASS

n7	15	15	501500	75@0	DFT_QAM64	14.000	14.200	PASS
n7	15	15	501500	75@0	DFT_QAM256	14.010	14.200	PASS
n7	15	15	501500	79@0	CP_QPSK	14.170	14.920	PASS
n7	15	15	507000	75@0	DFT_BPSK	14.010	14.210	PASS
n7	15	15	507000	75@0	DFT_QPSK	13.990	14.200	PASS
n7	15	15	507000	75@0	DFT_QAM16	13.990	14.200	PASS
n7	15	15	507000	75@0	DFT_QAM64	14.000	14.200	PASS
n7	15	15	507000	75@0	DFT_QAM256	14.040	14.200	PASS
n7	15	15	507000	79@0	CP_QPSK	14.170	14.930	PASS
n7	15	15	512500	75@0	DFT_BPSK	14.050	14.210	PASS
n7	15	15	512500	75@0	DFT_QPSK	14.040	14.200	PASS
n7	15	15	512500	75@0	DFT_QAM16	14.050	14.210	PASS
n7	15	15	512500	75@0	DFT_QAM64	14.050	14.200	PASS
n7	15	15	512500	75@0	DFT_QAM256	14.050	14.200	PASS
n7	15	15	512500	79@0	CP_QPSK	14.170	14.920	PASS
n7	15	20	502000	100@0	DFT_BPSK	18.750	18.920	PASS
n7	15	20	502000	100@0	DFT_QPSK	18.760	18.900	PASS
n7	15	20	502000	100@0	DFT_QAM16	18.730	18.920	PASS
n7	15	20	502000	100@0	DFT_QAM64	18.730	18.900	PASS
n7	15	20	502000	100@0	DFT_QAM256	18.750	18.910	PASS
n7	15	20	502000	106@0	CP_QPSK	18.990	19.980	PASS
n7	15	20	507000	100@0	DFT_BPSK	18.800	18.910	PASS
n7	15	20	507000	100@0	DFT_QPSK	18.760	18.920	PASS
n7	15	20	507000	100@0	DFT_QAM16	18.750	18.920	PASS
n7	15	20	507000	100@0	DFT_QAM64	18.750	18.910	PASS
n7	15	20	507000	100@0	DFT_QAM256	18.810	18.910	PASS
n7	15	20	507000	106@0	CP_QPSK	18.990	20.000	PASS
n7	15	20	512000	100@0	DFT_BPSK	18.820	18.910	PASS
n7	15	20	512000	100@0	DFT_QPSK	18.810	18.910	PASS
n7	15	20	512000	100@0	DFT_QAM16	18.810	18.910	PASS
n7	15	20	512000	100@0	DFT_QAM64	18.760	18.910	PASS
n7	15	20	512000	100@0	DFT_QAM256	18.820	18.920	PASS
n7	15	20	512000	106@0	CP_QPSK	18.990	19.990	PASS

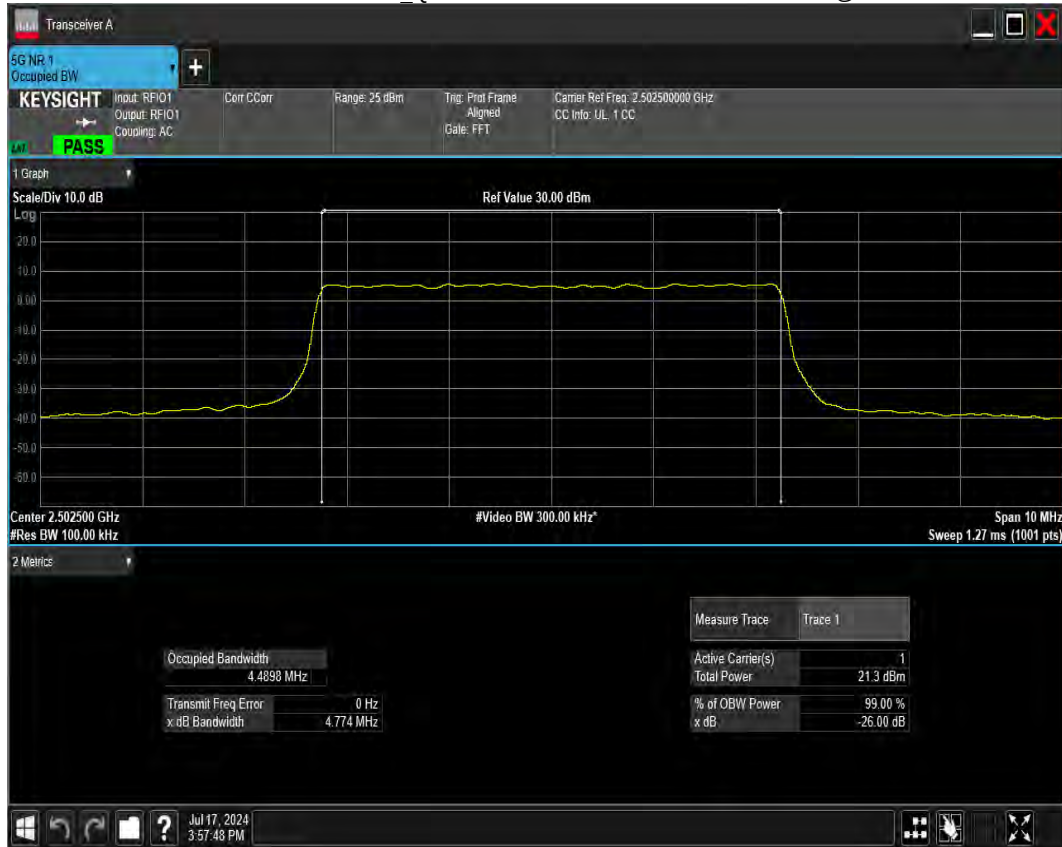
n7 SCS=15kHz DFT_BPSK BW=5MHz Channel=500500 RB=25@0



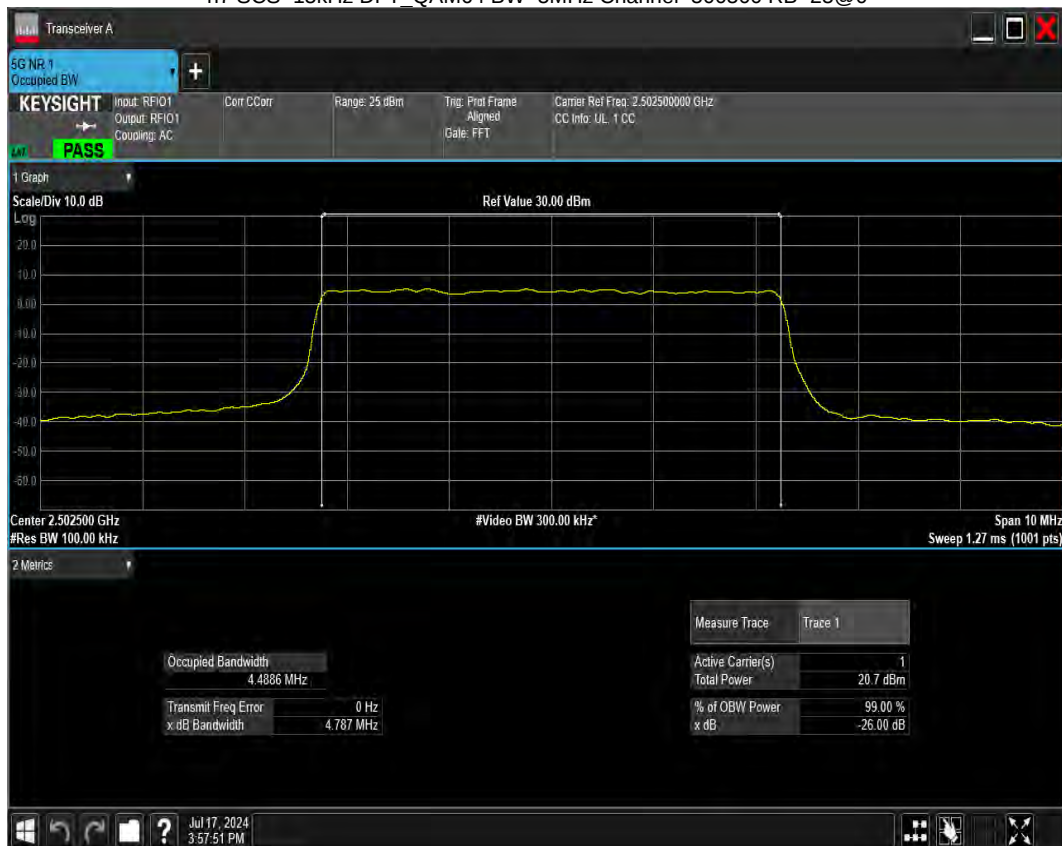
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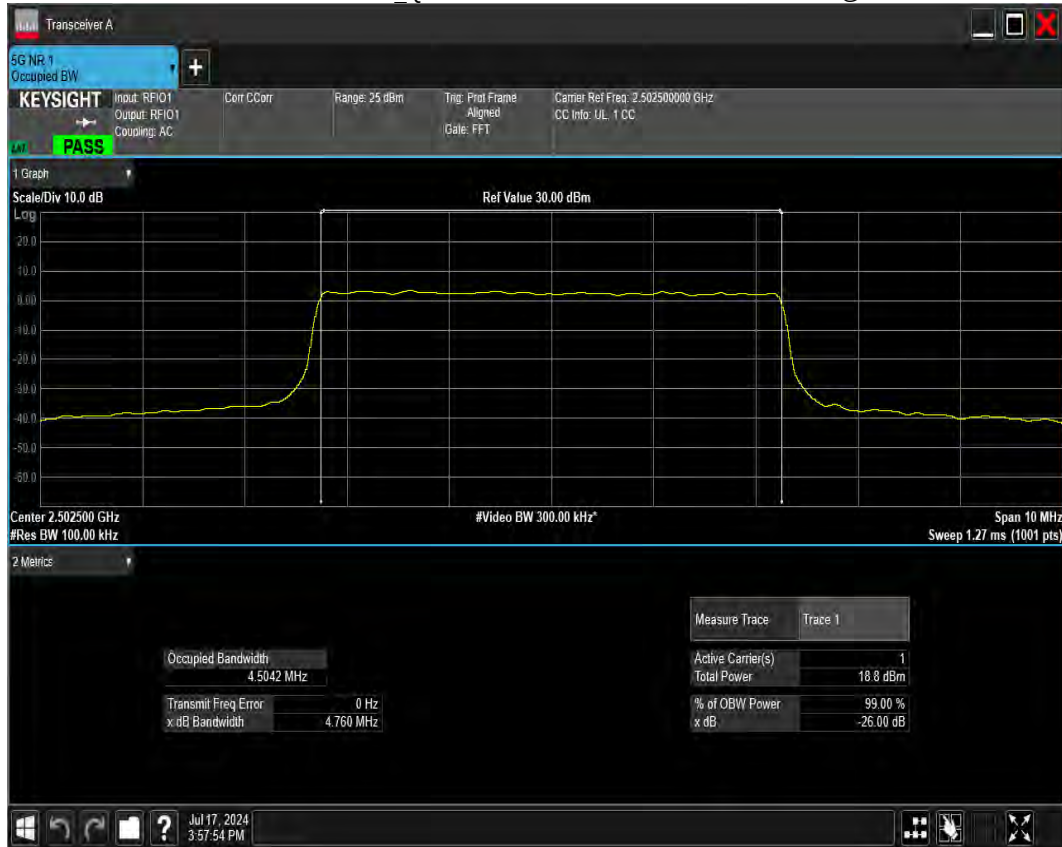
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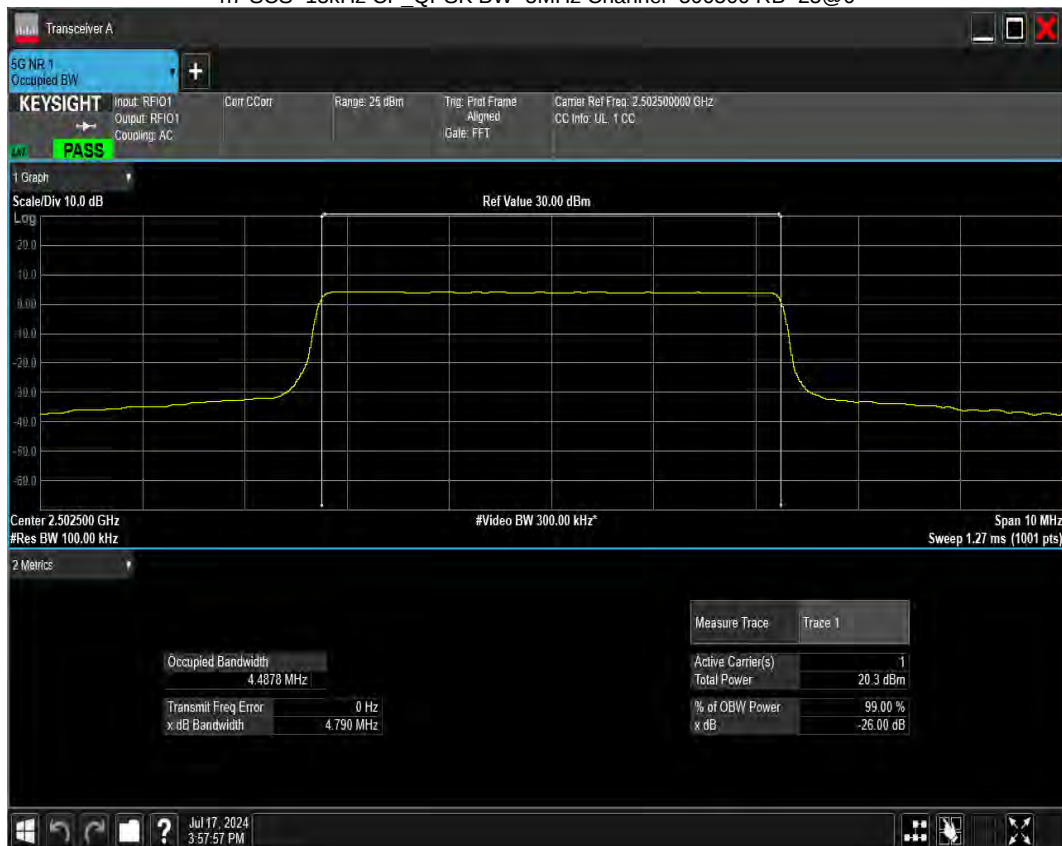
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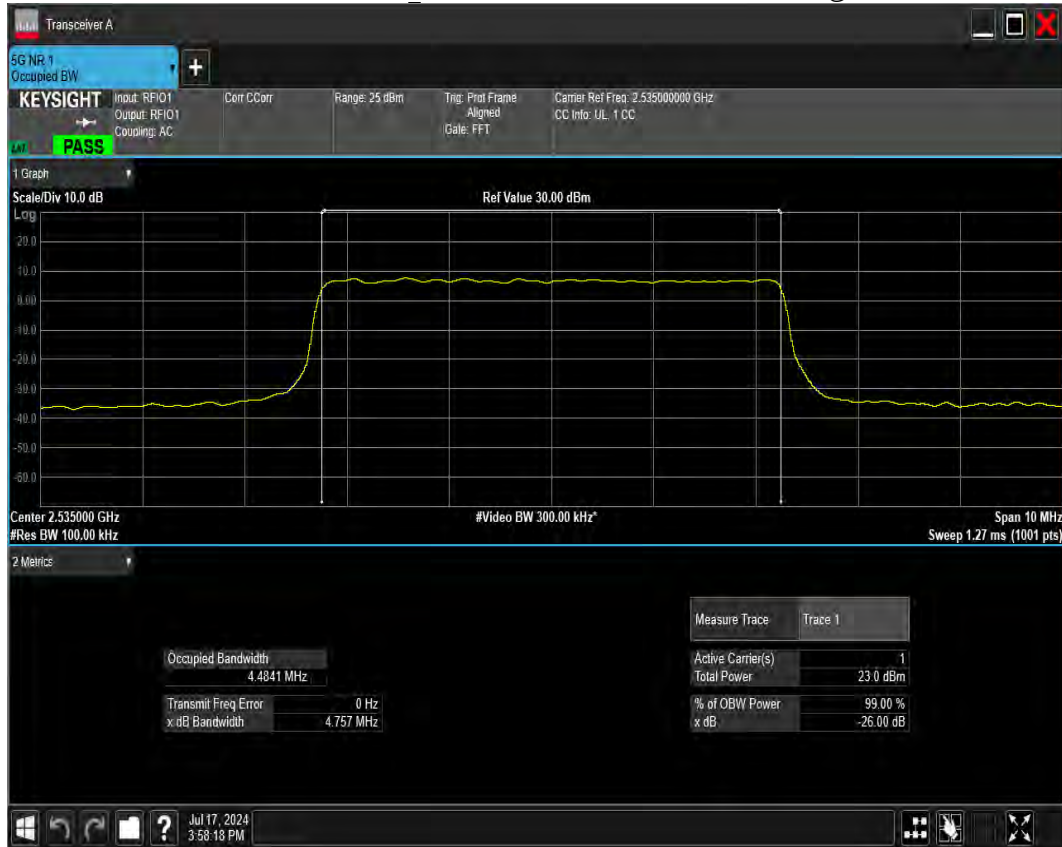
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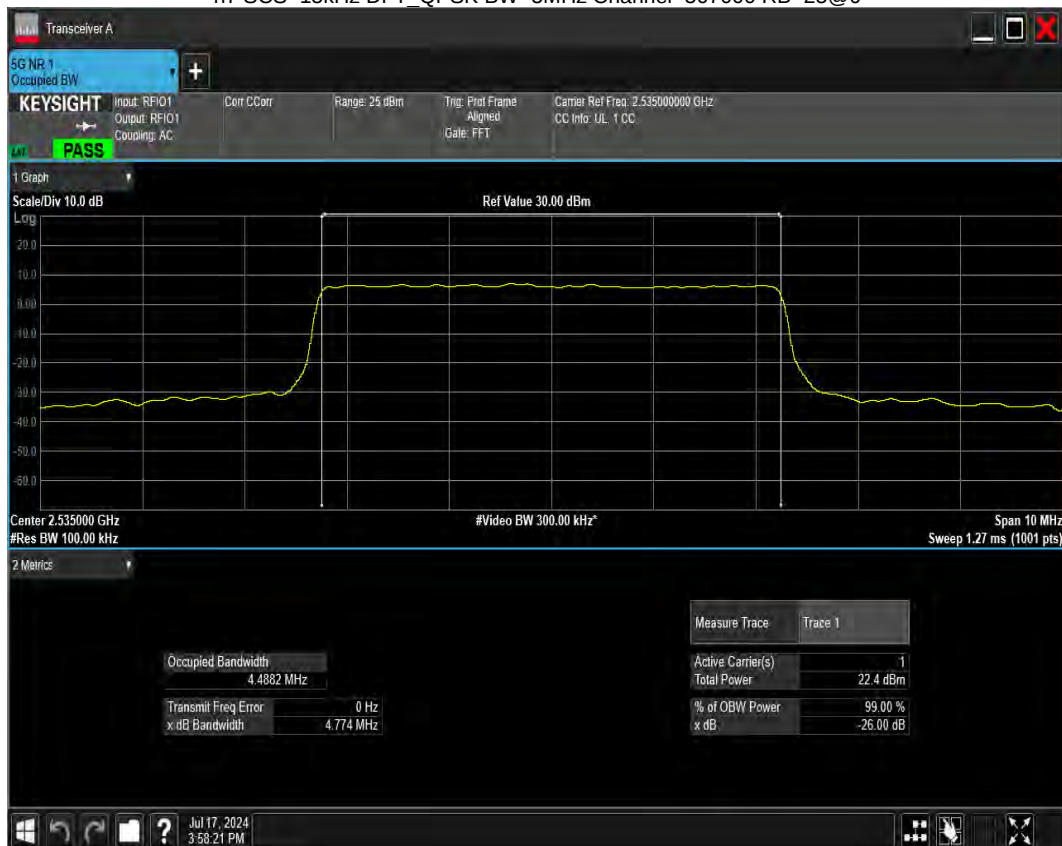
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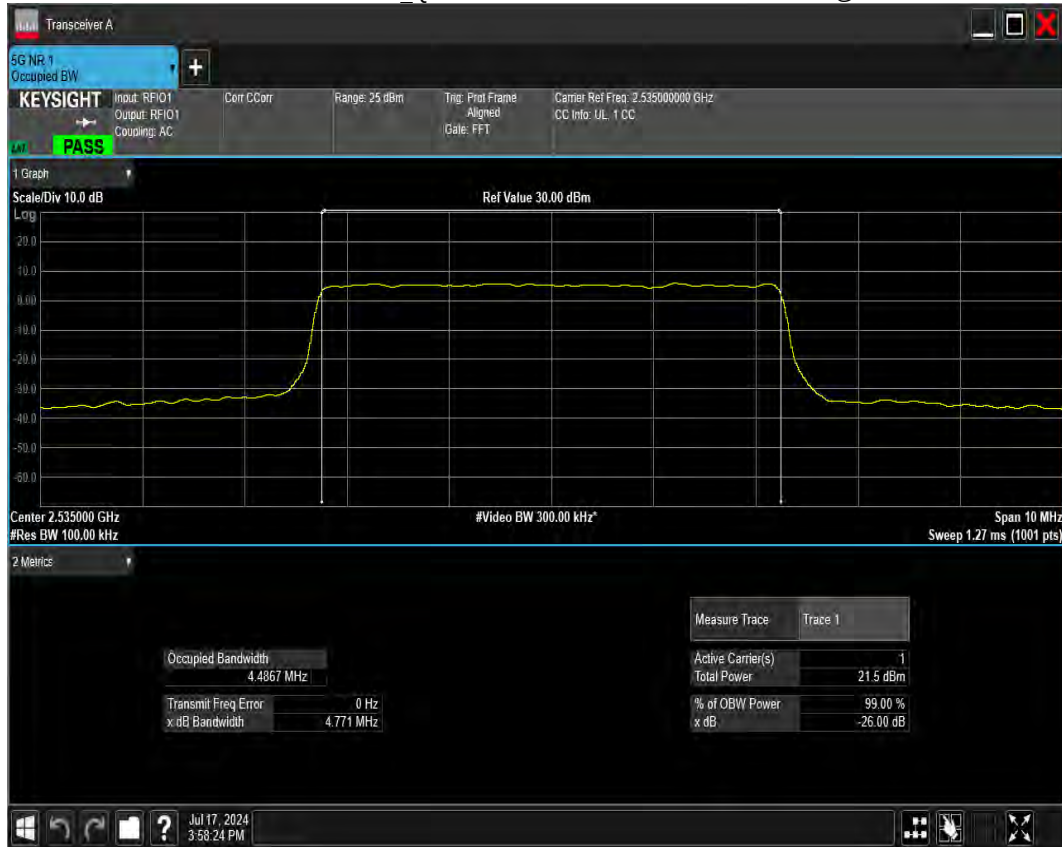
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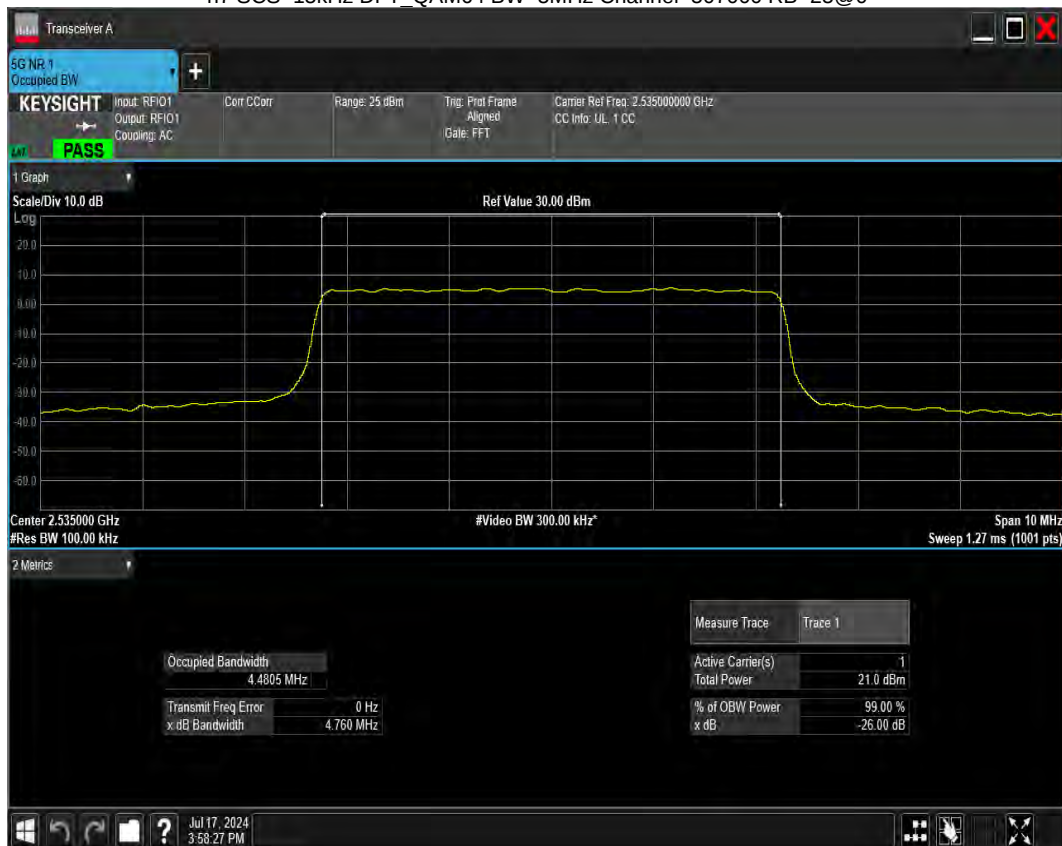
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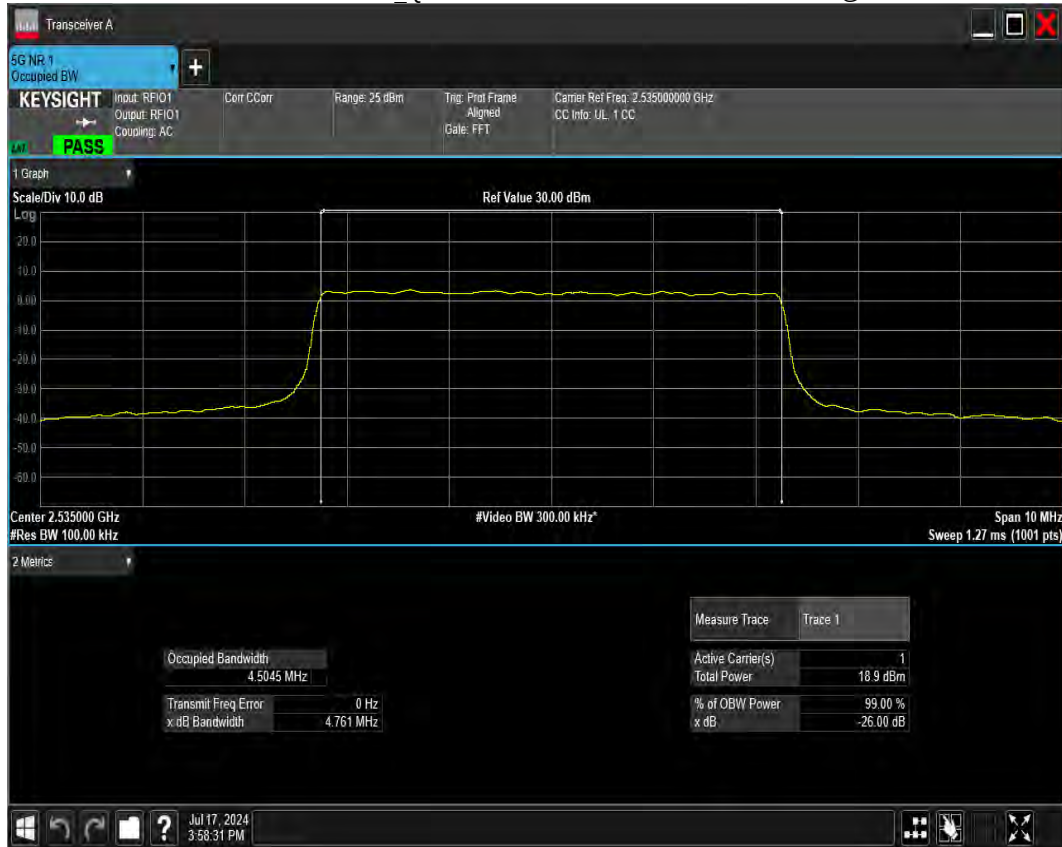
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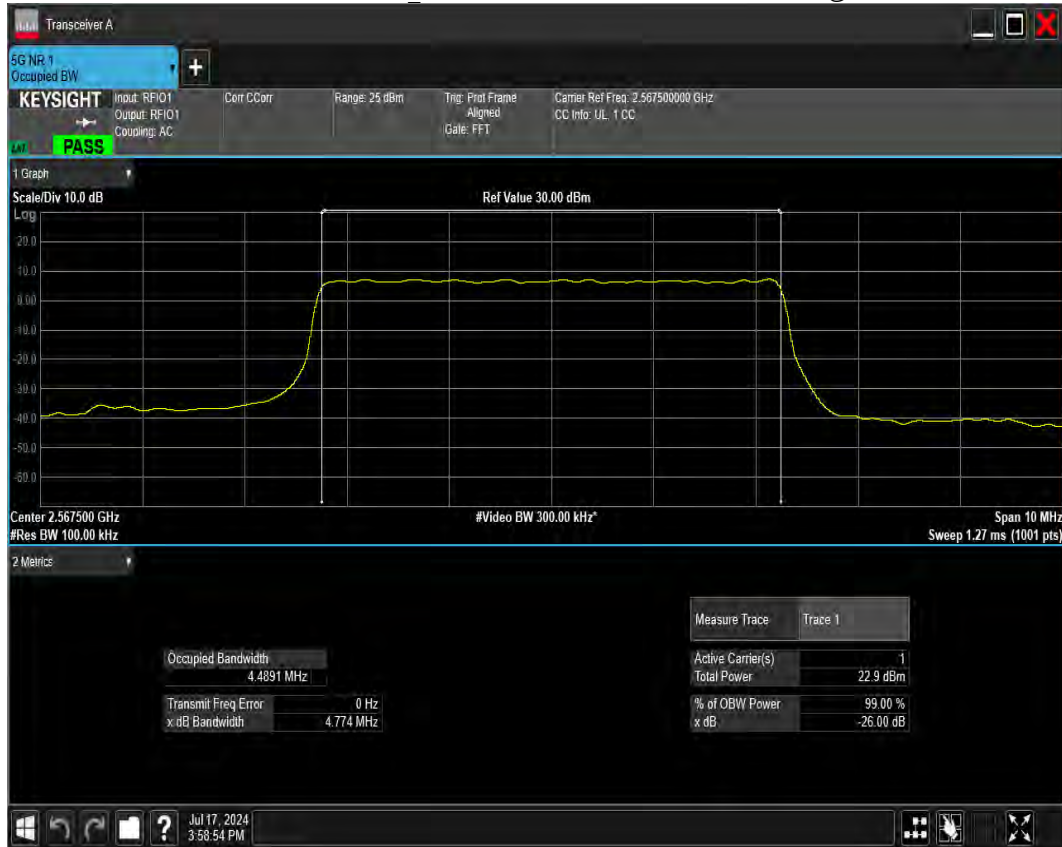
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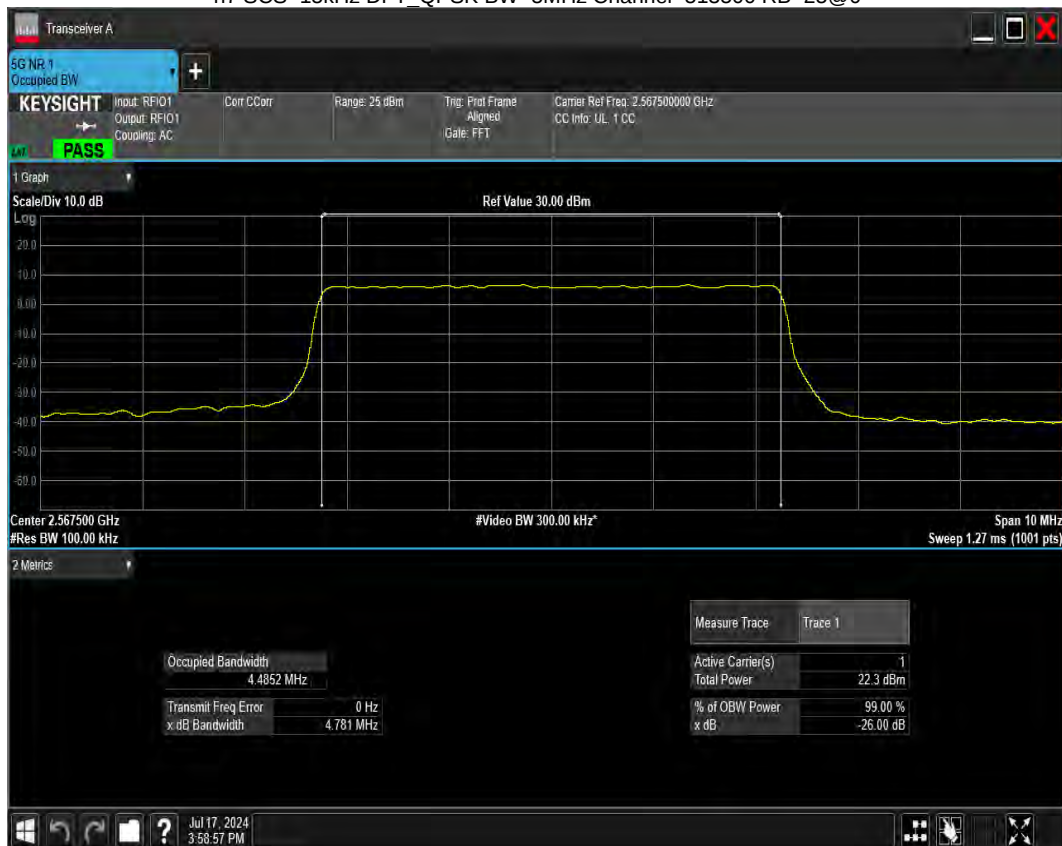
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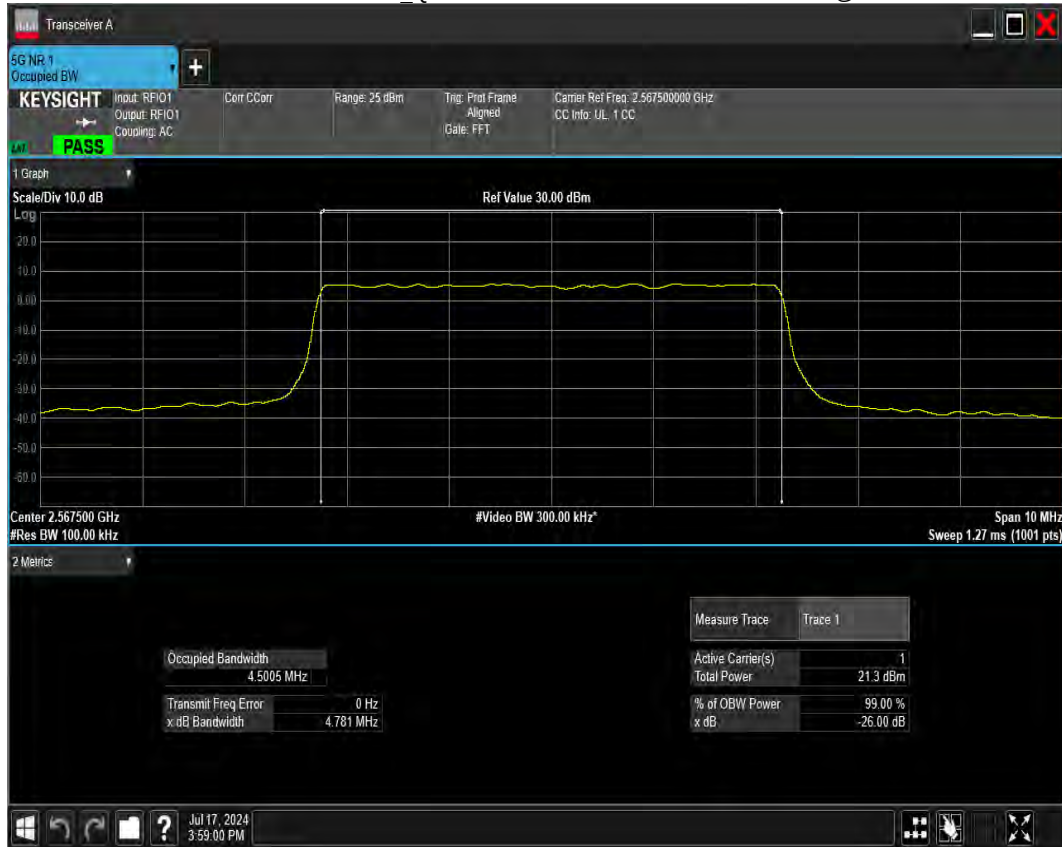
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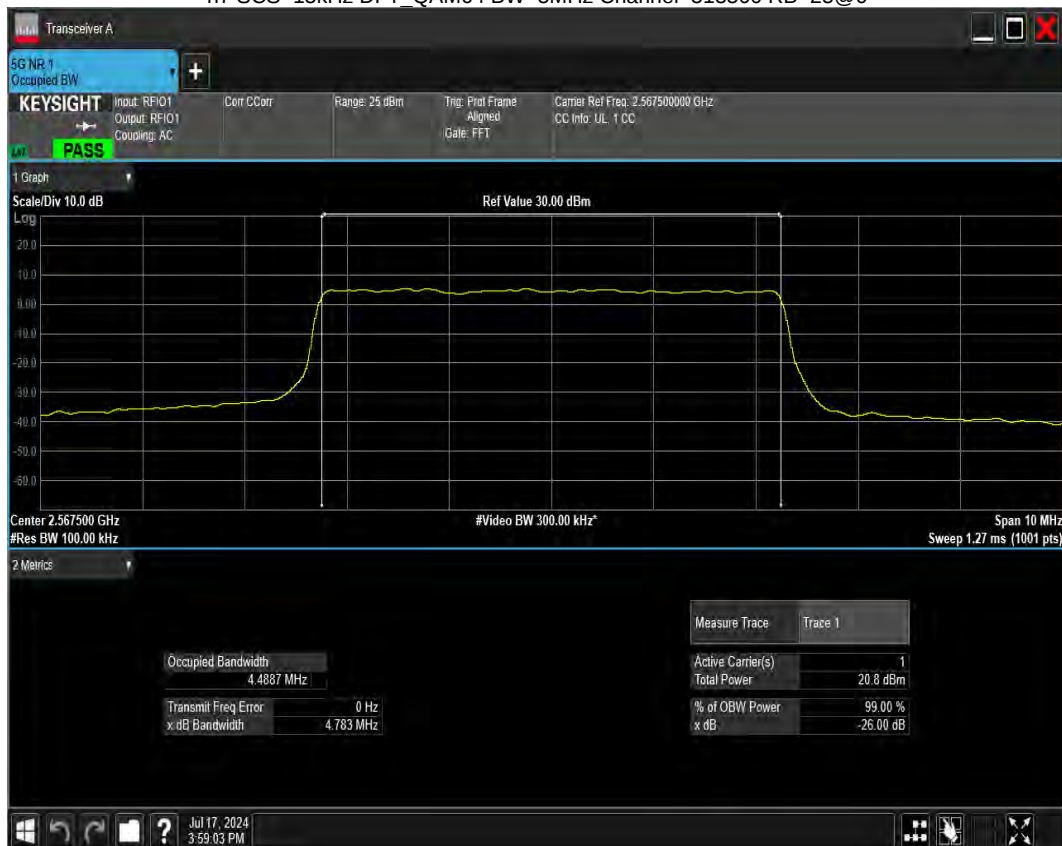
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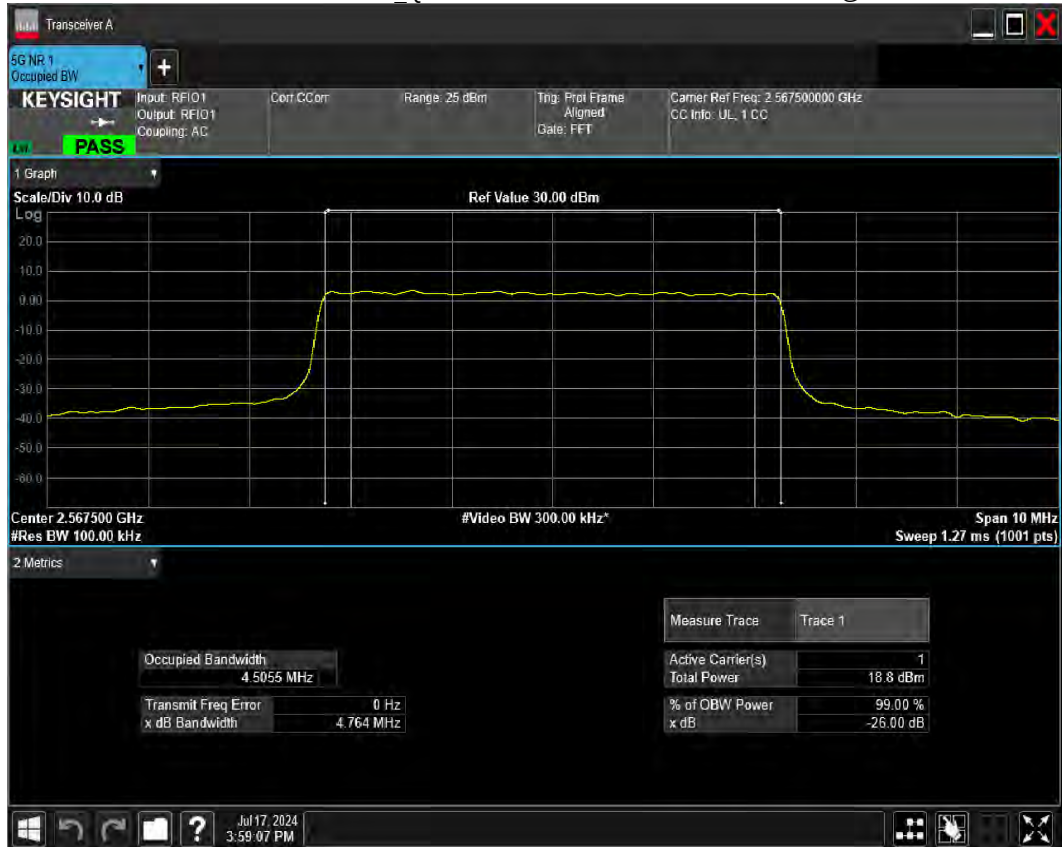
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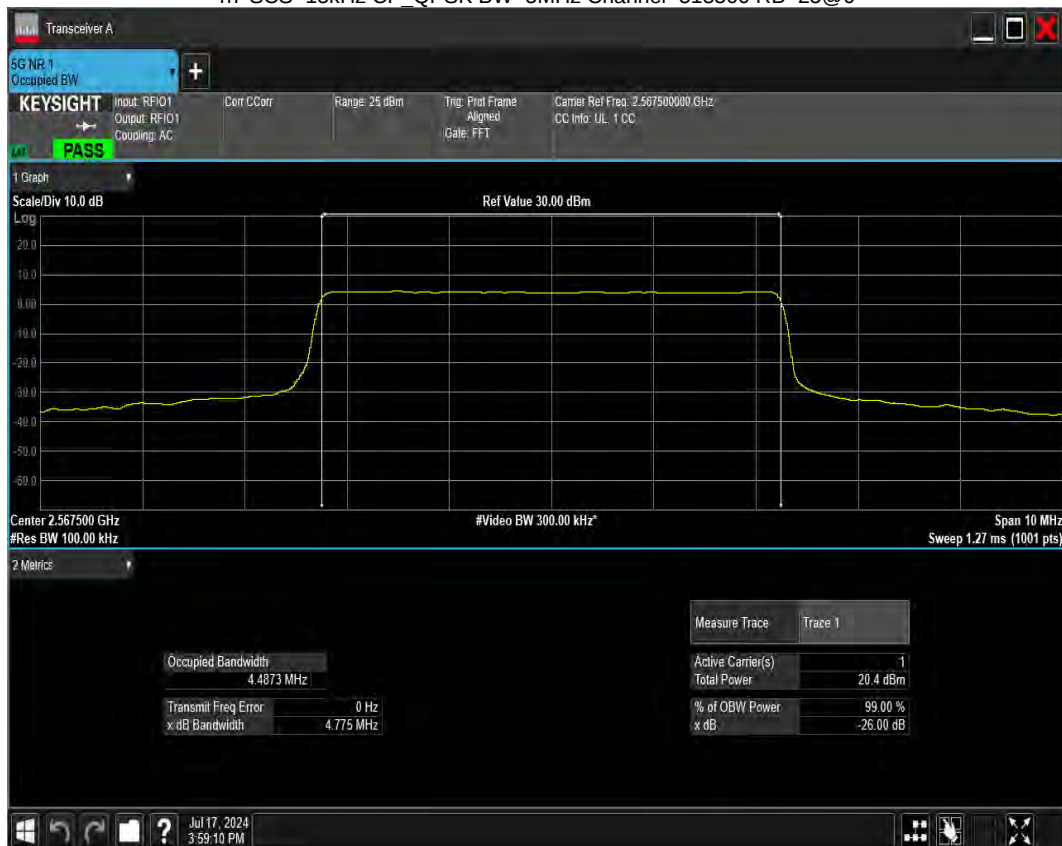
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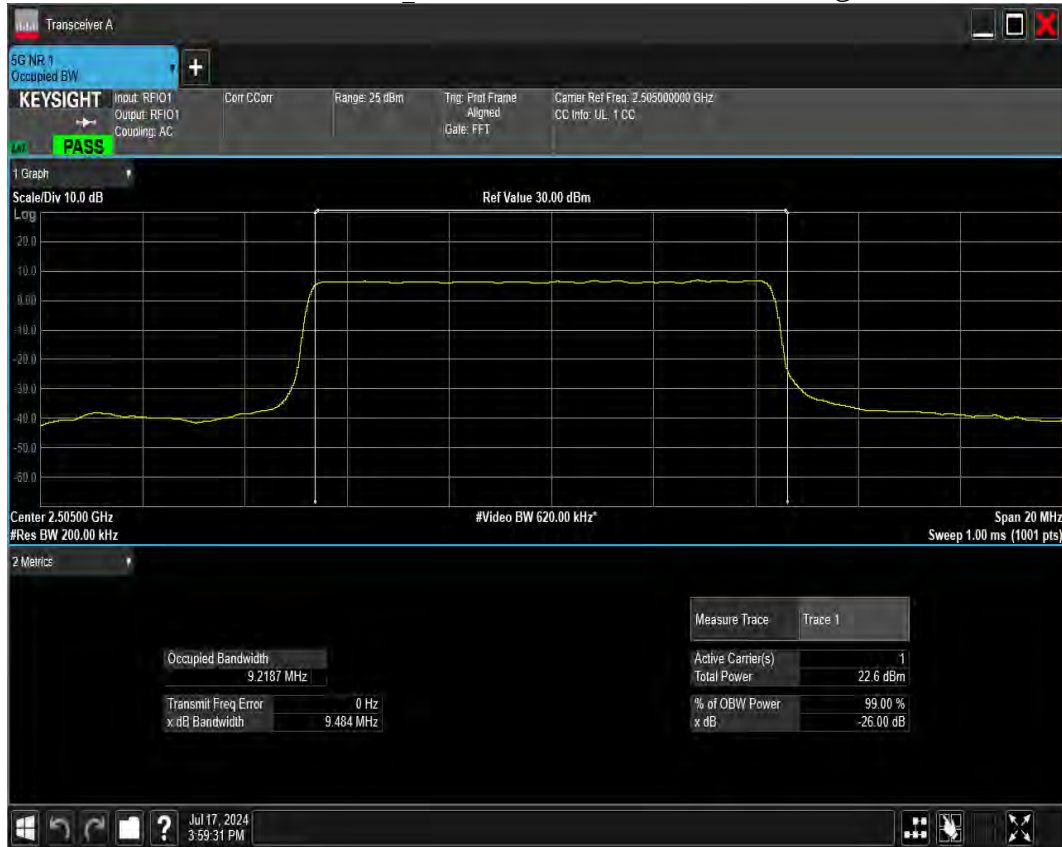
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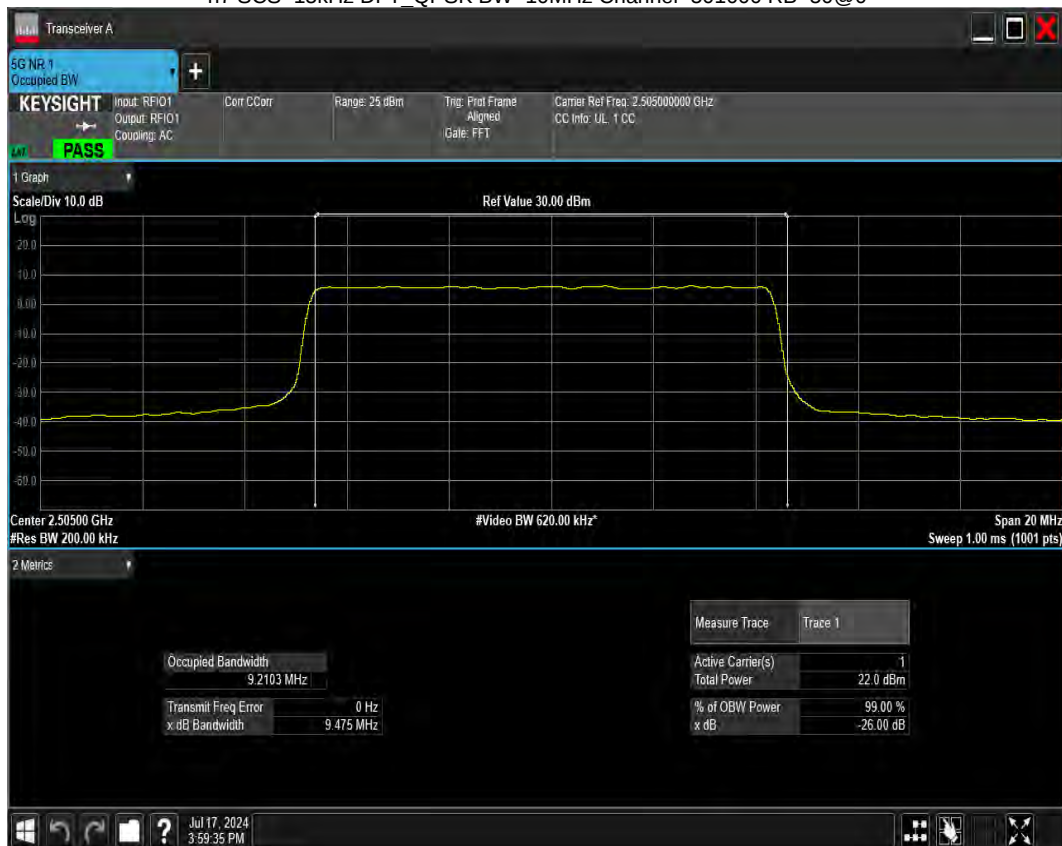
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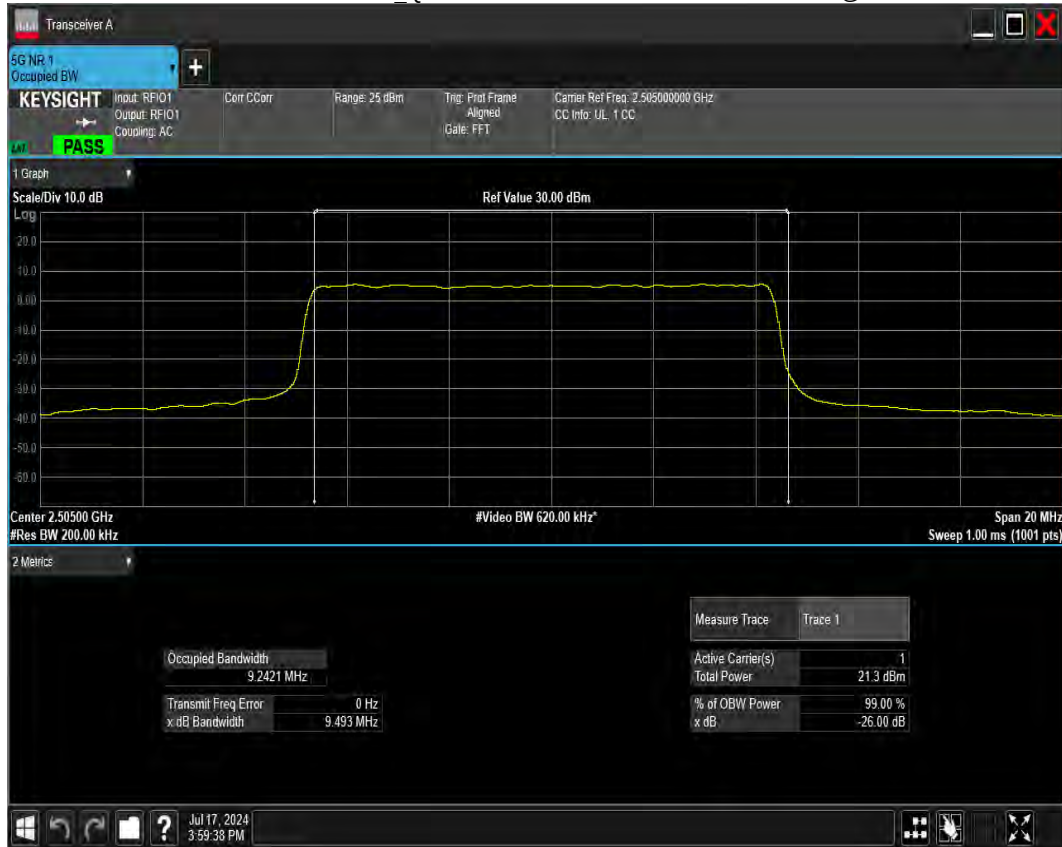
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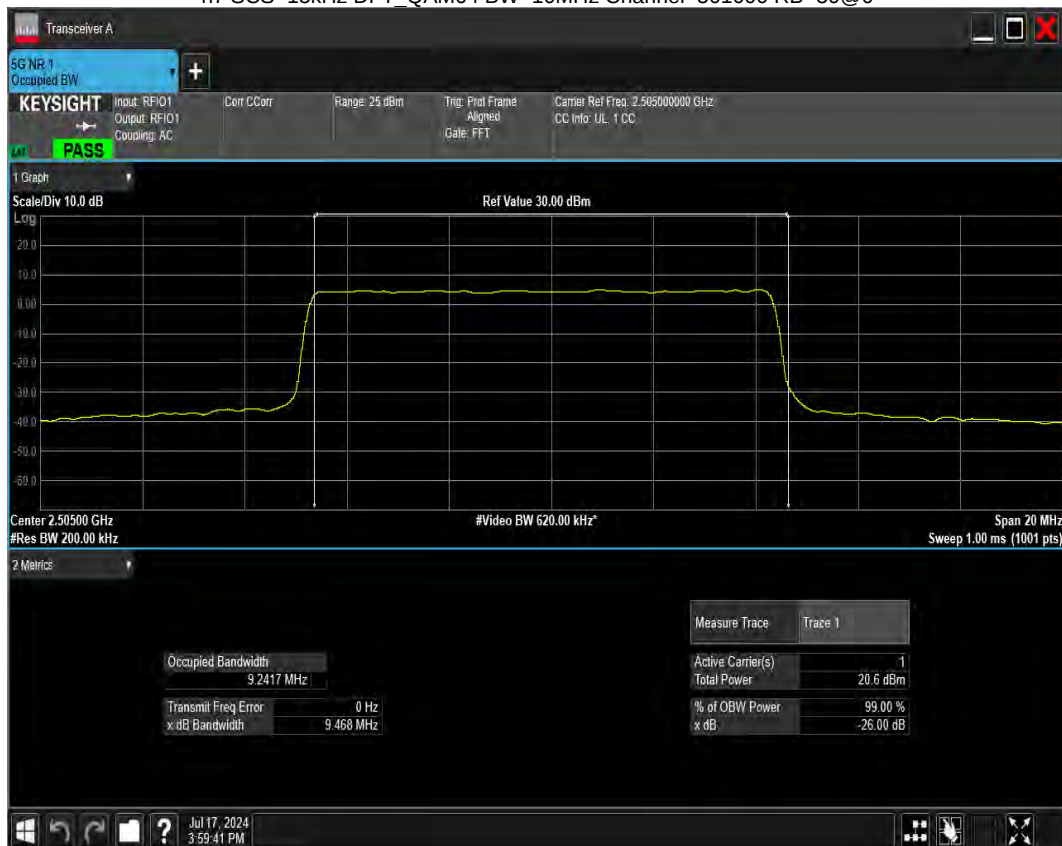
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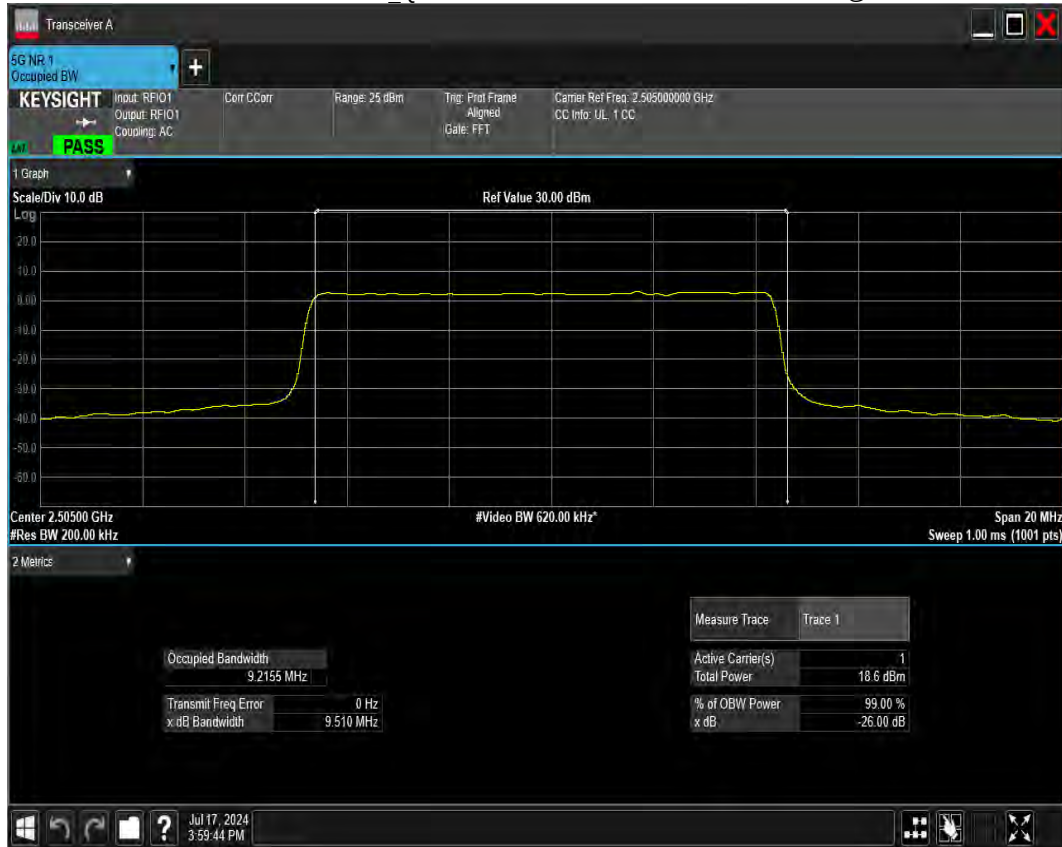
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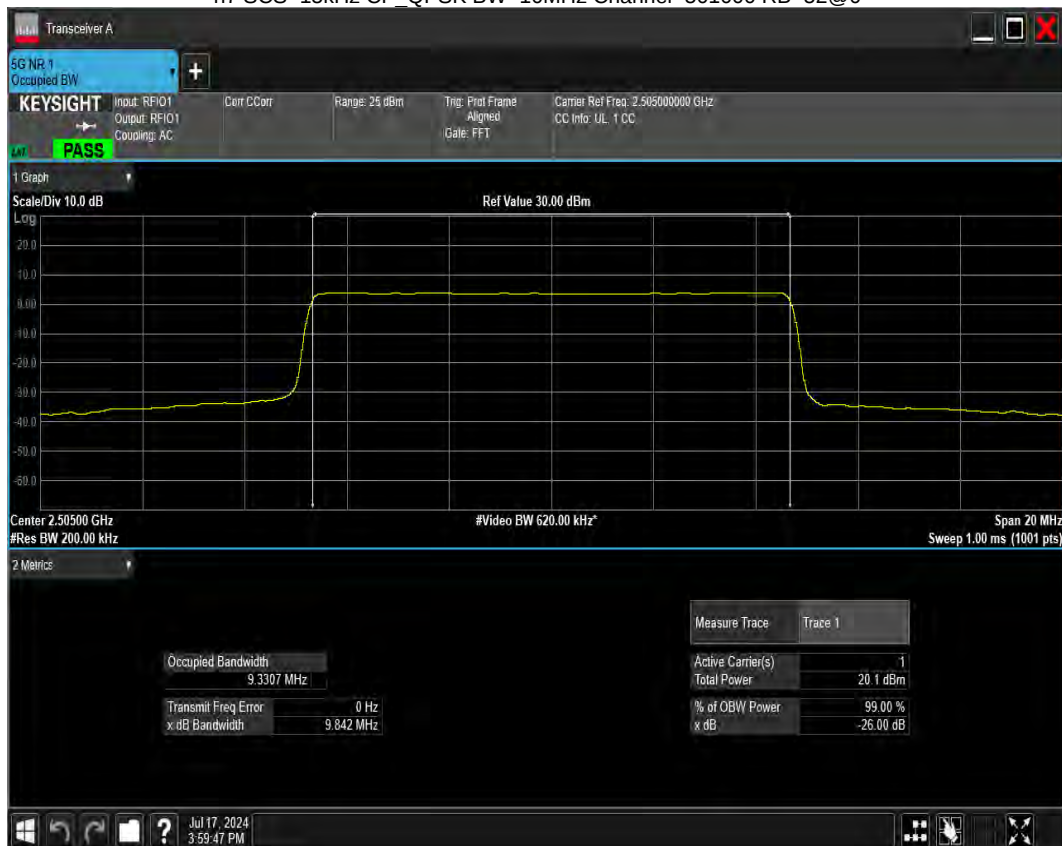
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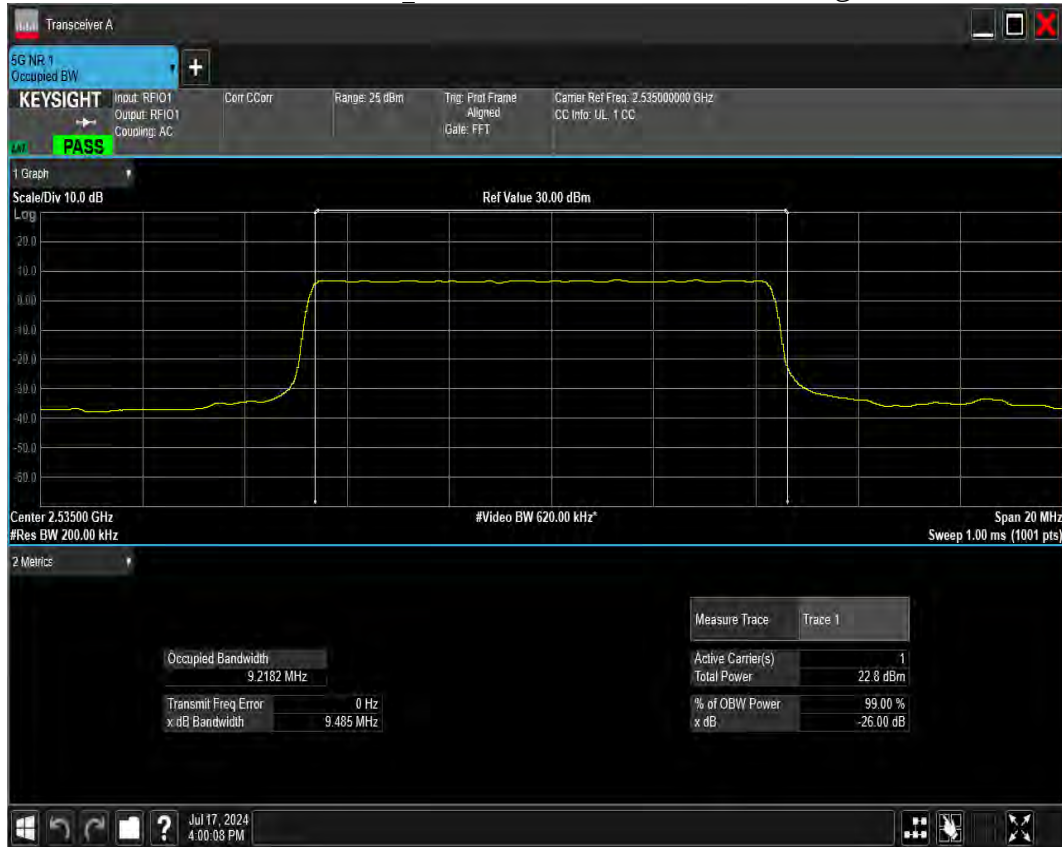
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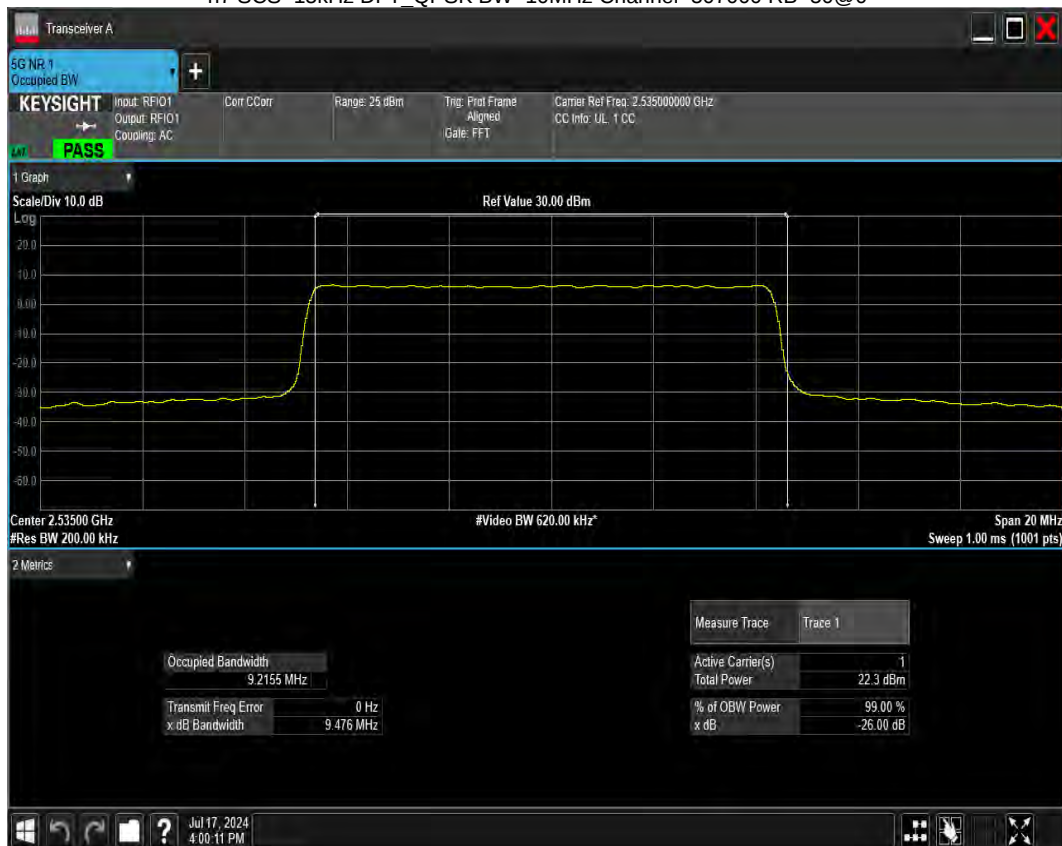
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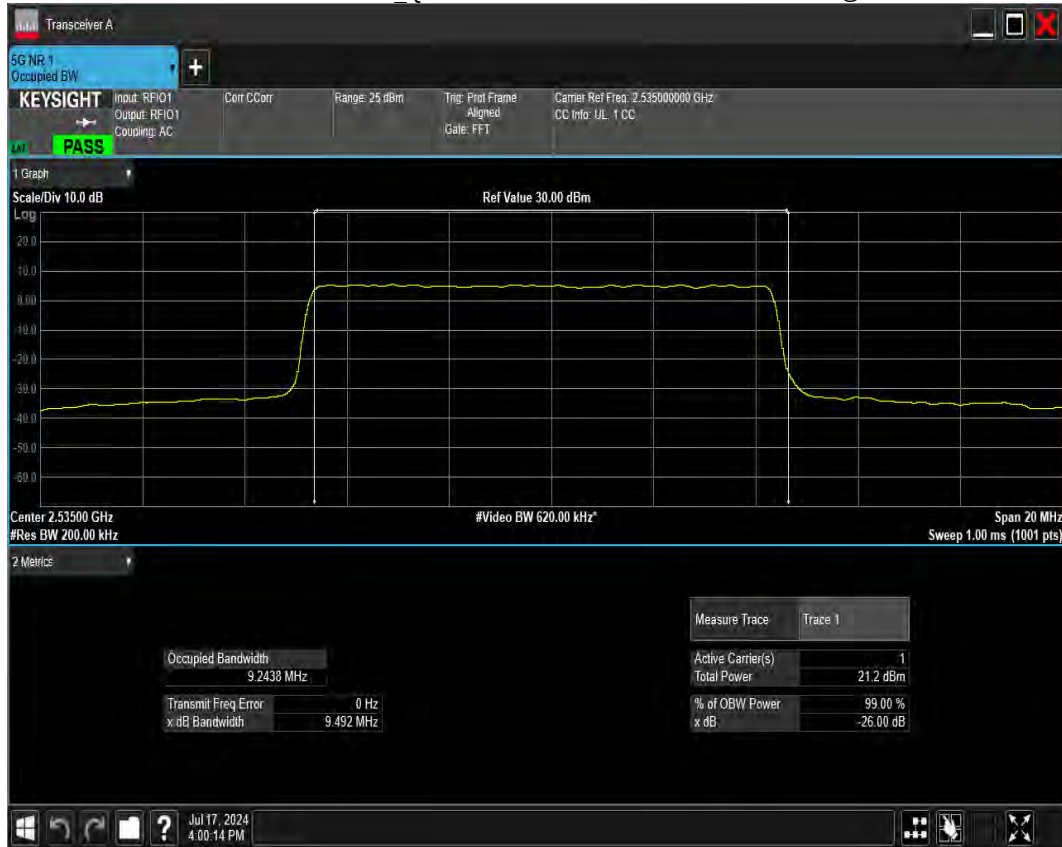
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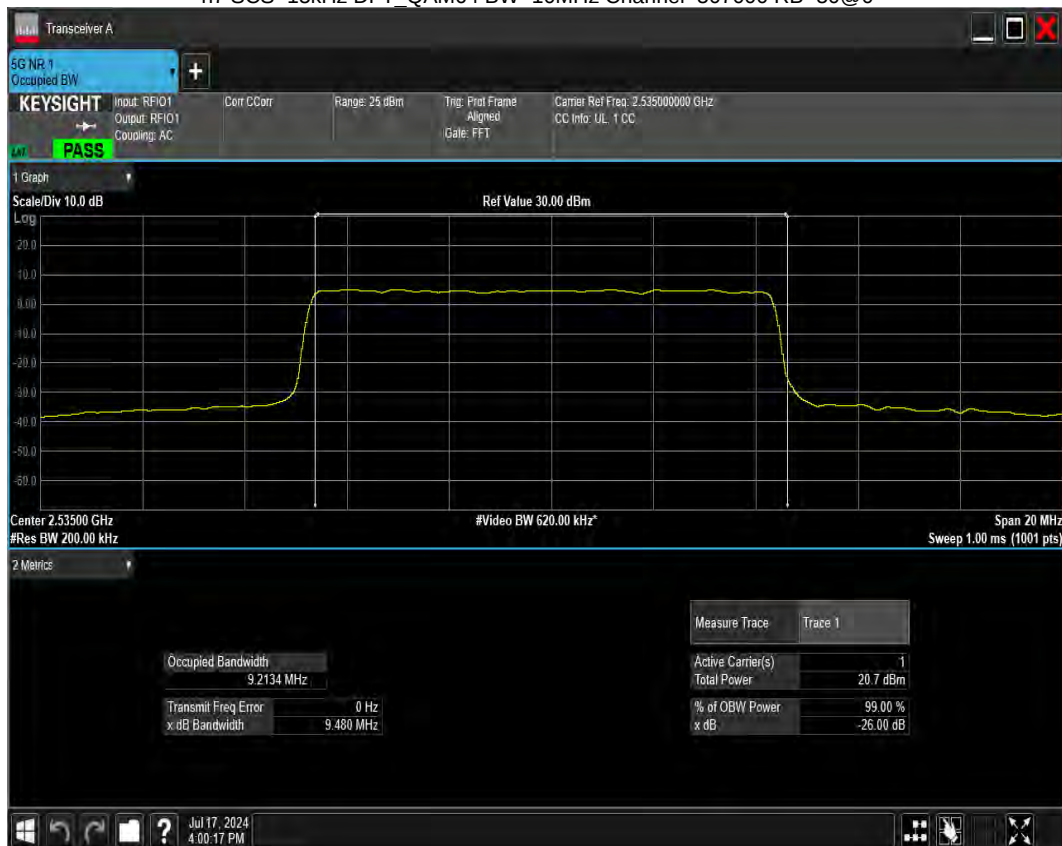
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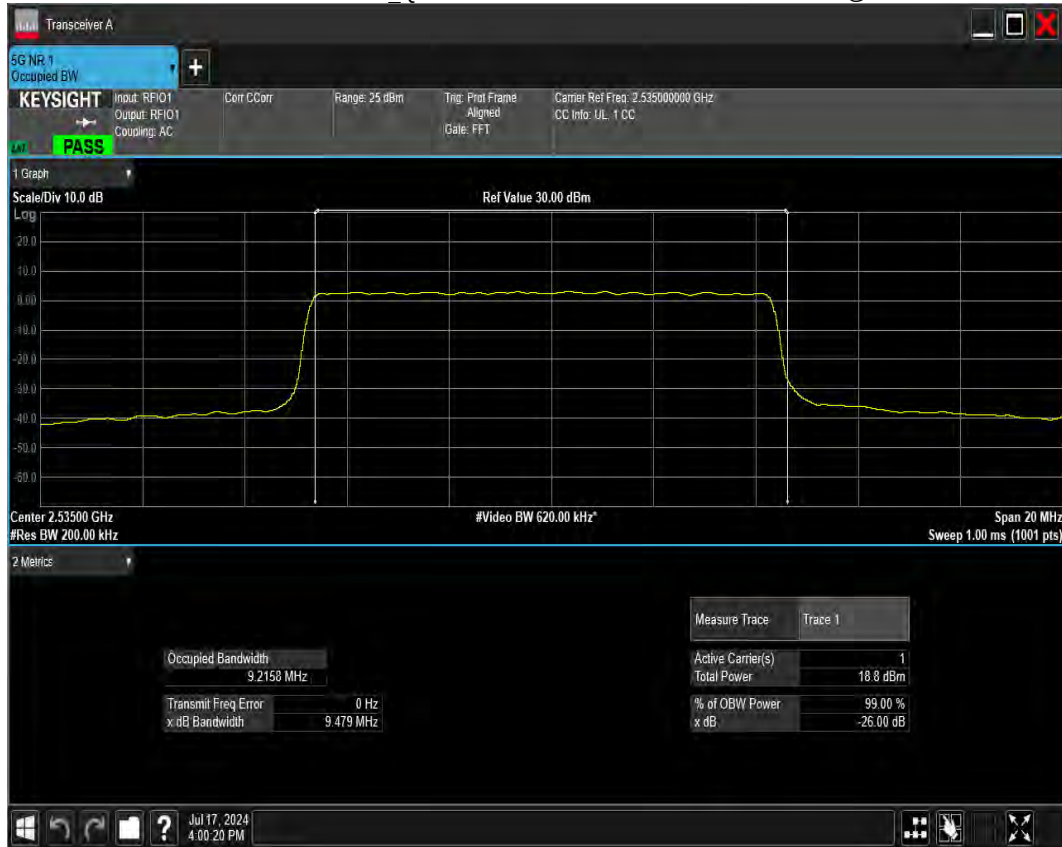
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n7 SCS=15kHz DFT_QAM64 BW=10MHz Channel=507000 RB=50@0



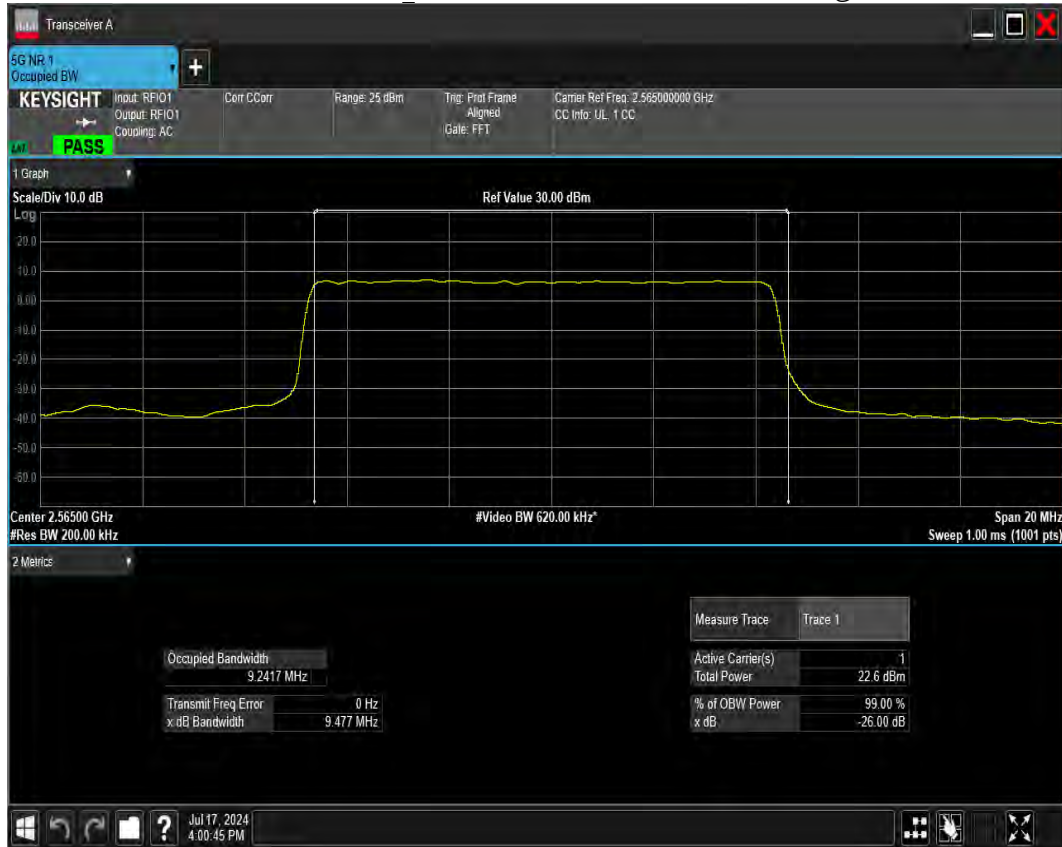
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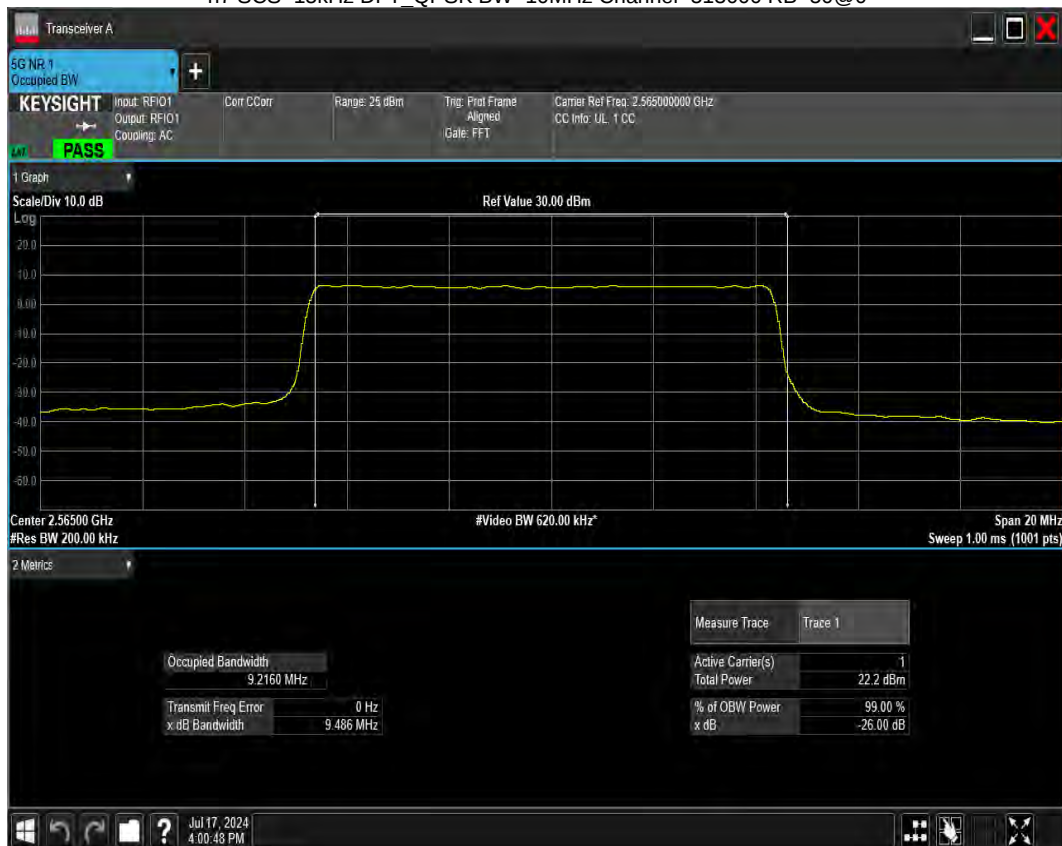
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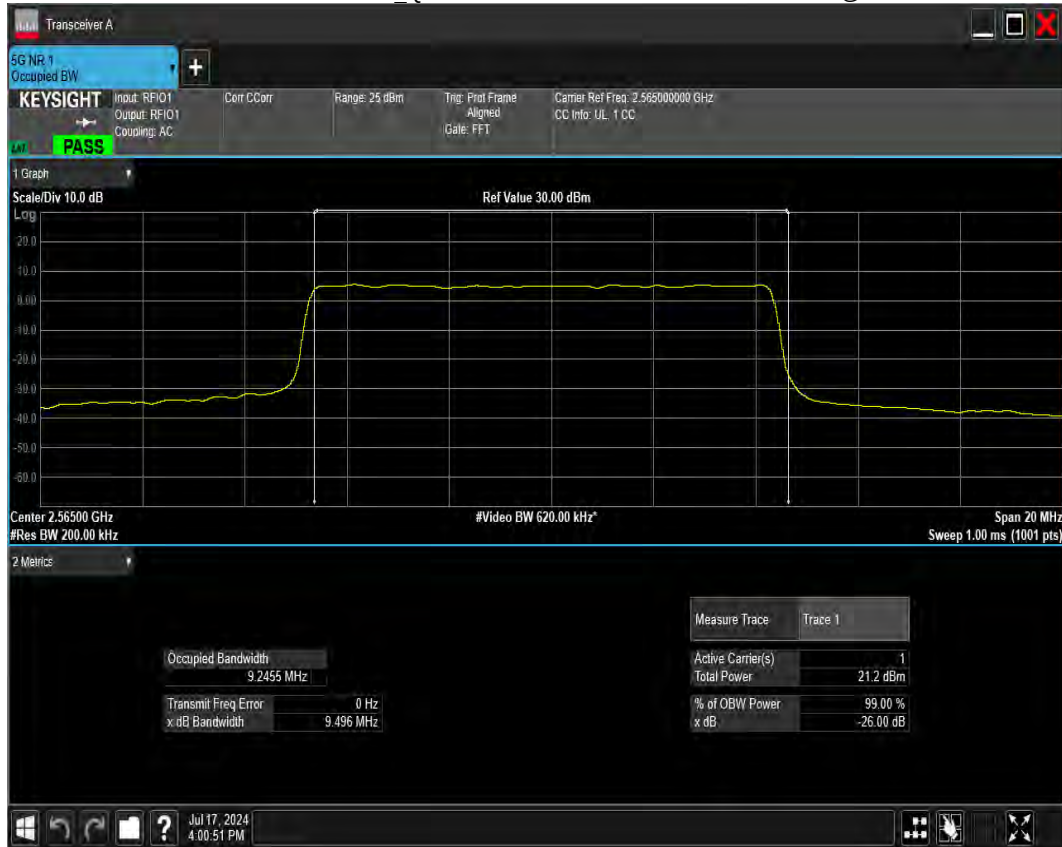
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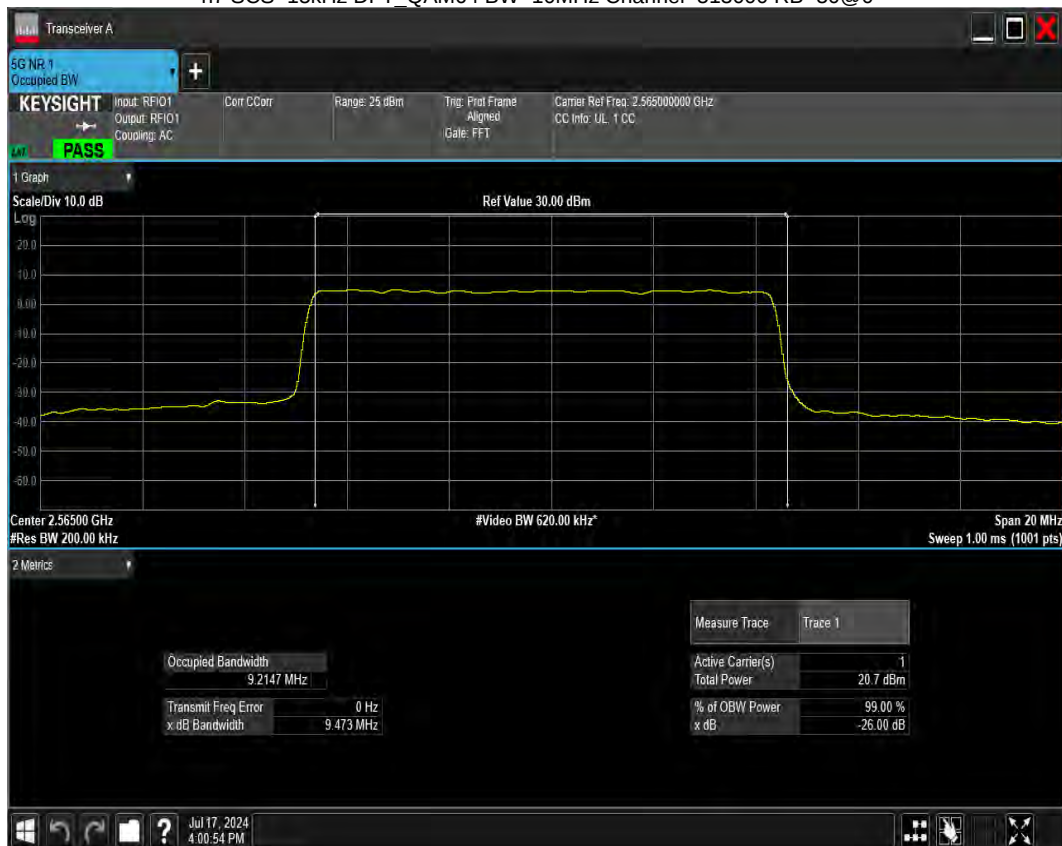
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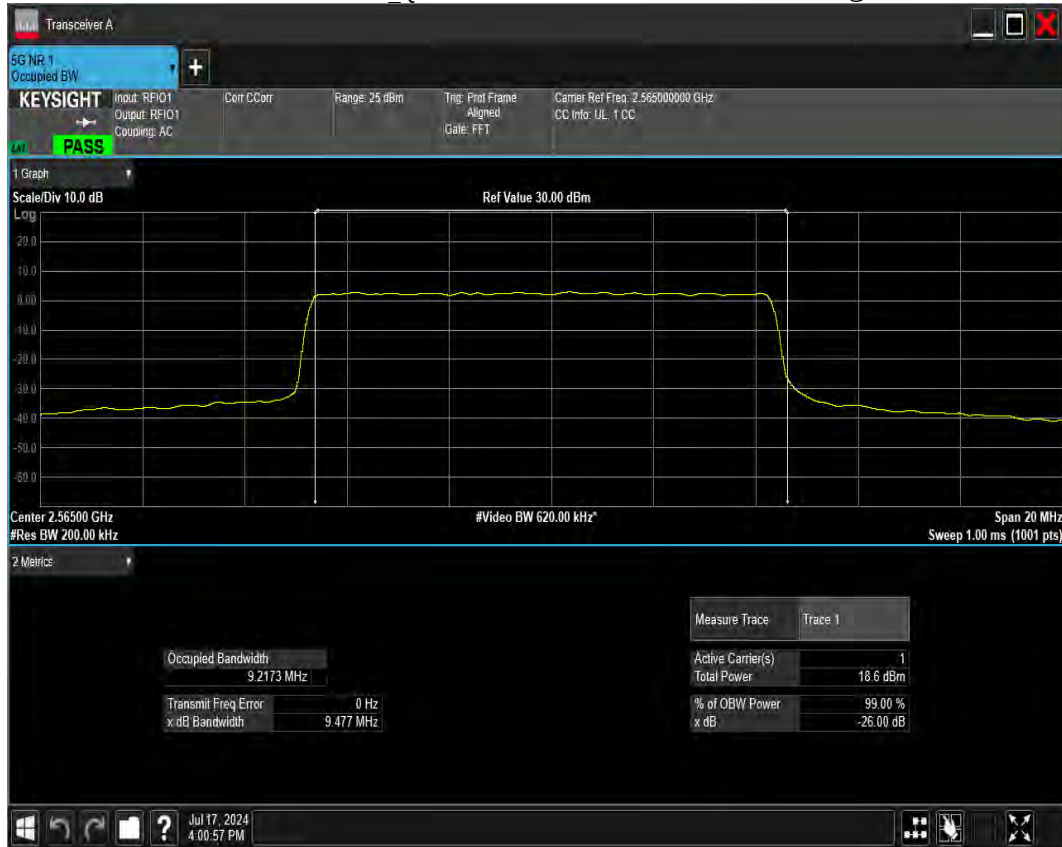
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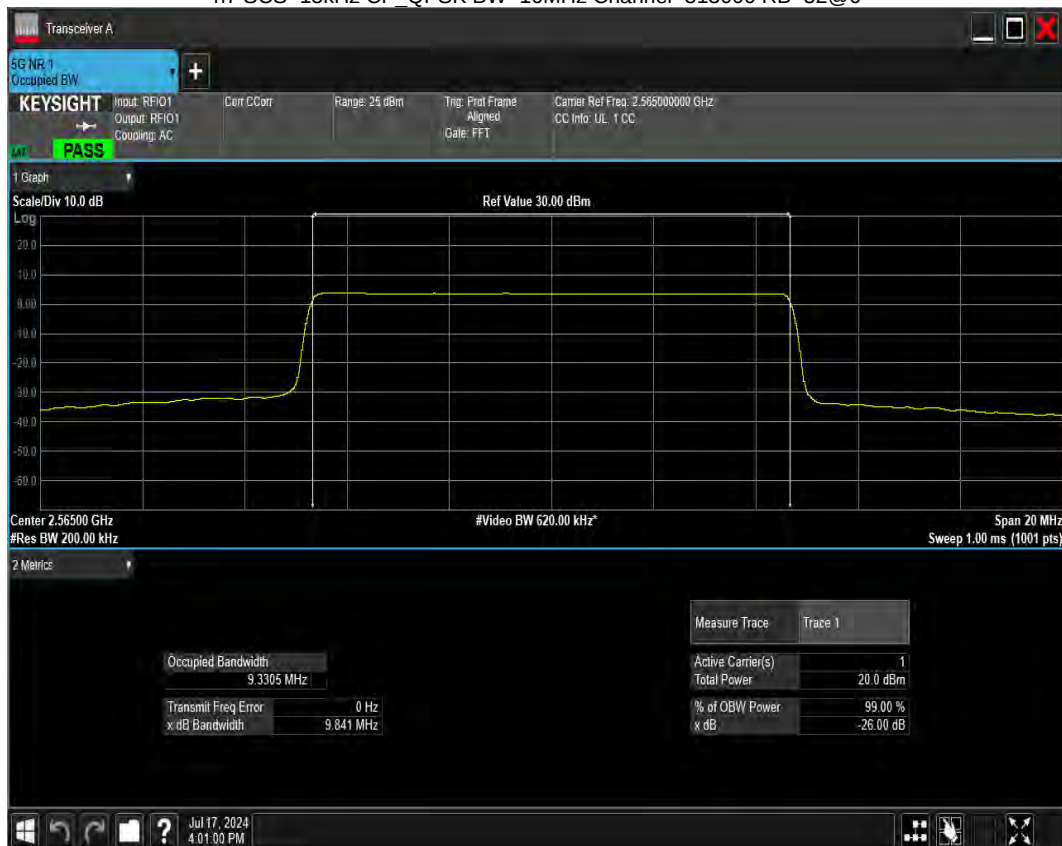
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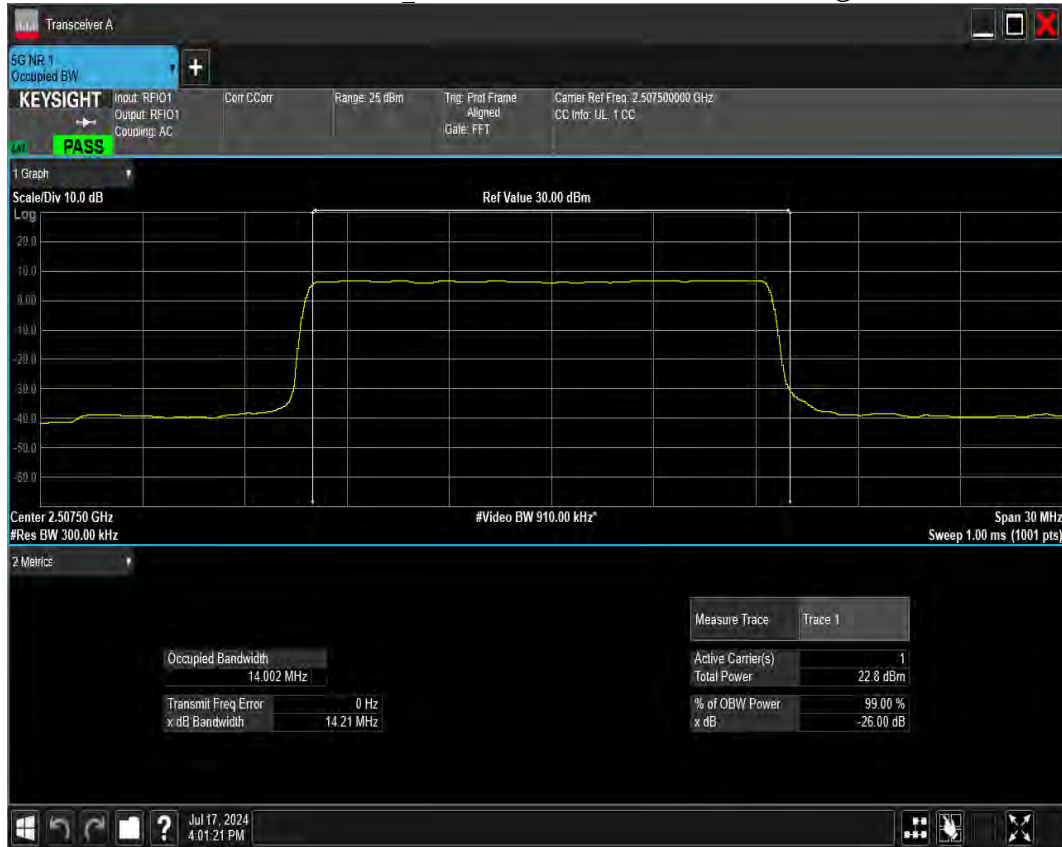
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n7 SCS=15kHz CP_QPSK BW=10MHz Channel=513000 RB=52@0



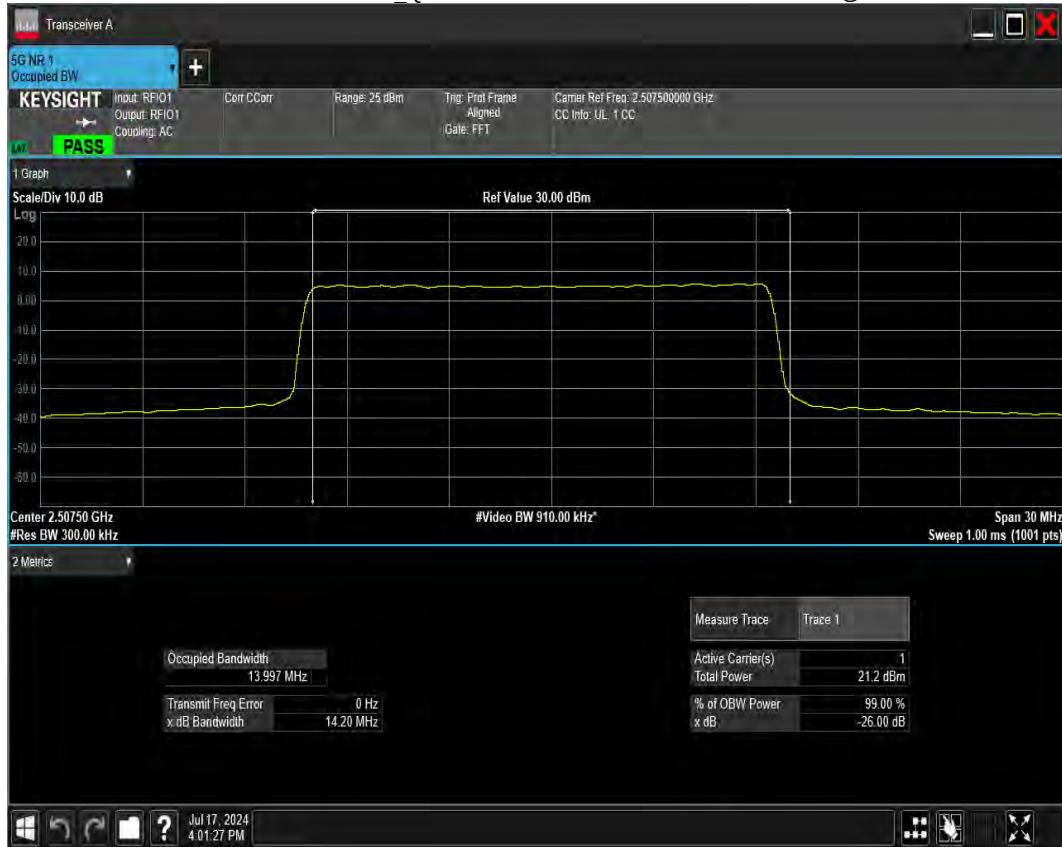
n7 SCS=15kHz DFT_BPSK BW=15MHz Channel=501500 RB=75@0



n7 SCS=15kHz DFT_QPSK BW=15MHz Channel=501500 RB=75@0



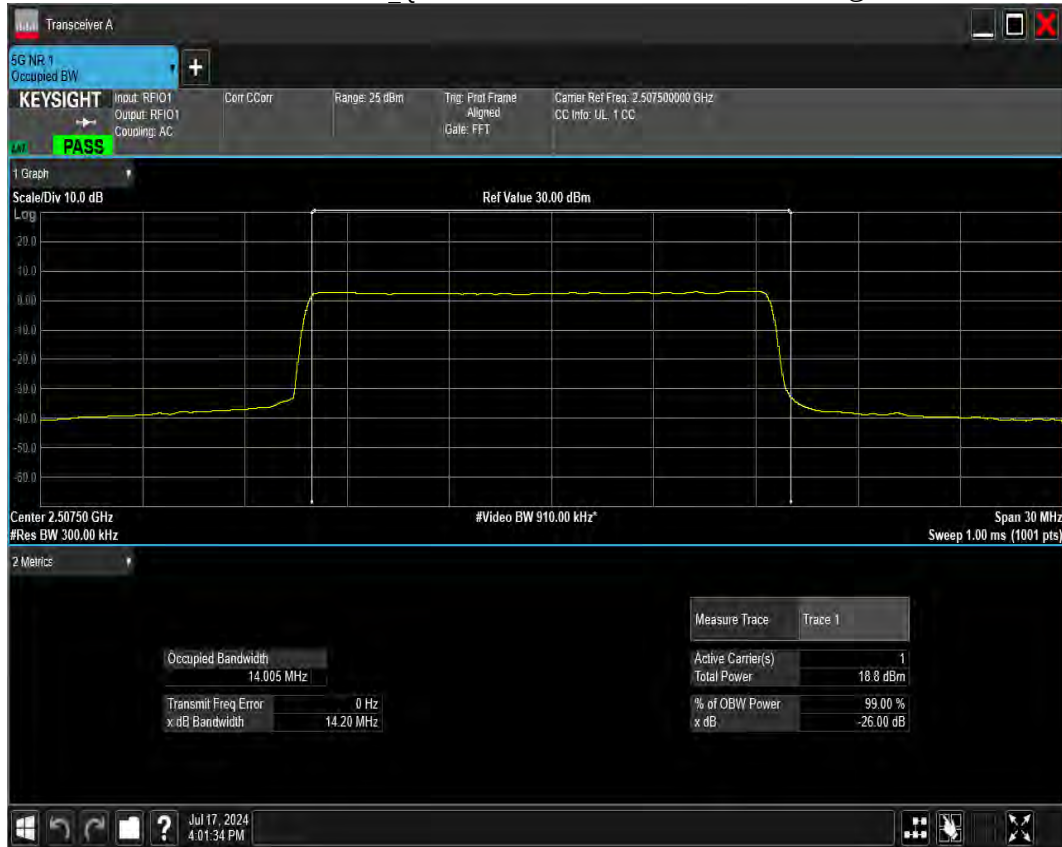
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n7 SCS=15kHz DFT_QAM64 BW=15MHz Channel=501500 RB=75@0



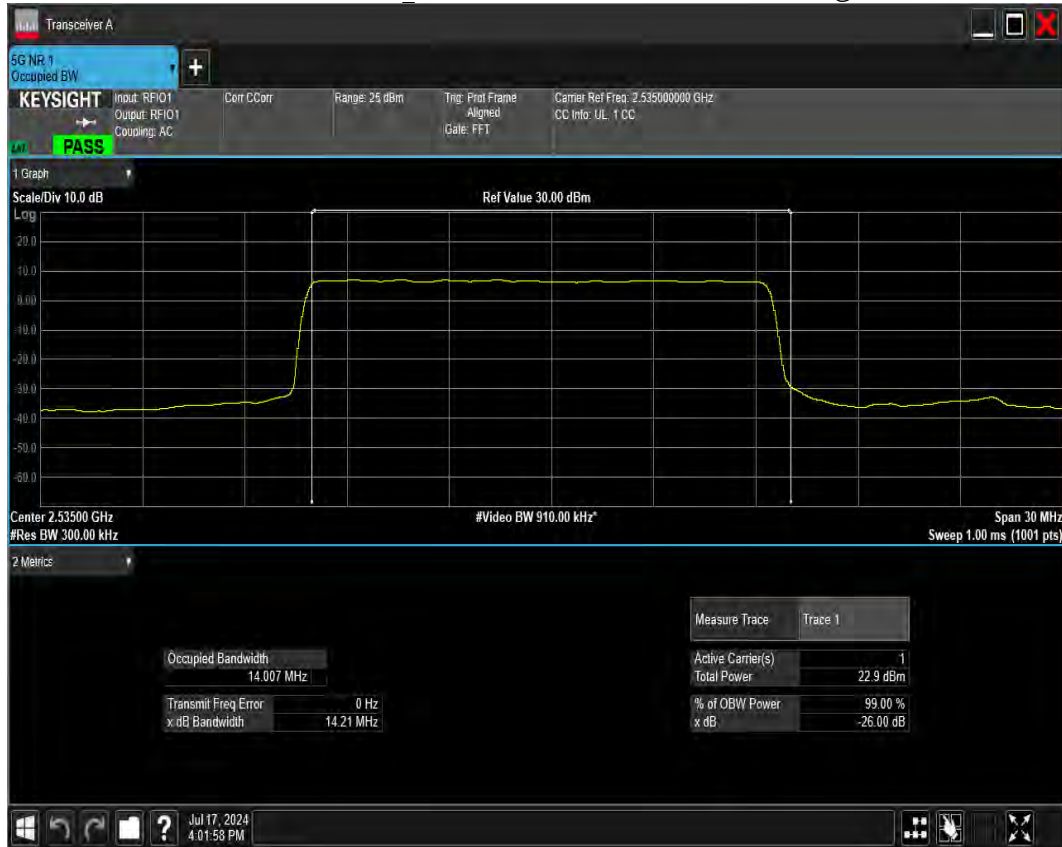
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n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=79@0



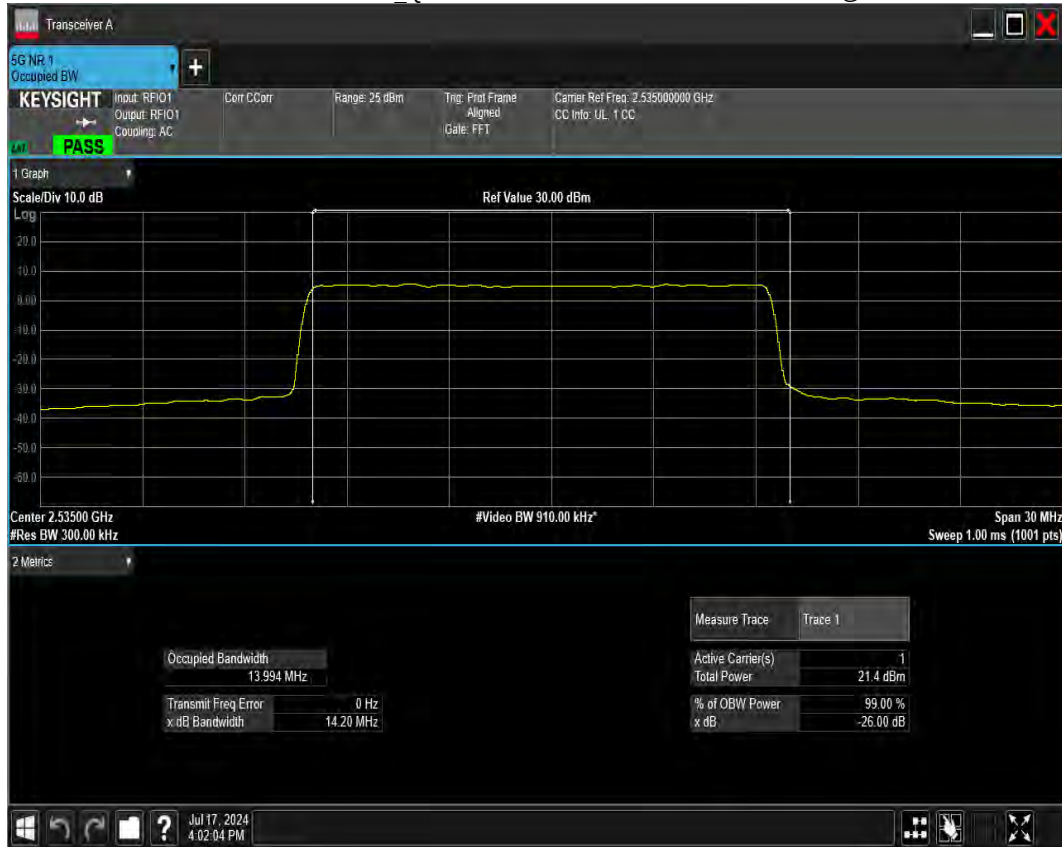
n7 SCS=15kHz DFT_BPSK BW=15MHz Channel=507000 RB=75@0



n7 SCS=15kHz DFT_QPSK BW=15MHz Channel=507000 RB=75@0



n7 SCS=15kHz DFT_QAM16 BW=15MHz Channel=507000 RB=75@0



n7 SCS=15kHz DFT_QAM64 BW=15MHz Channel=507000 RB=75@0



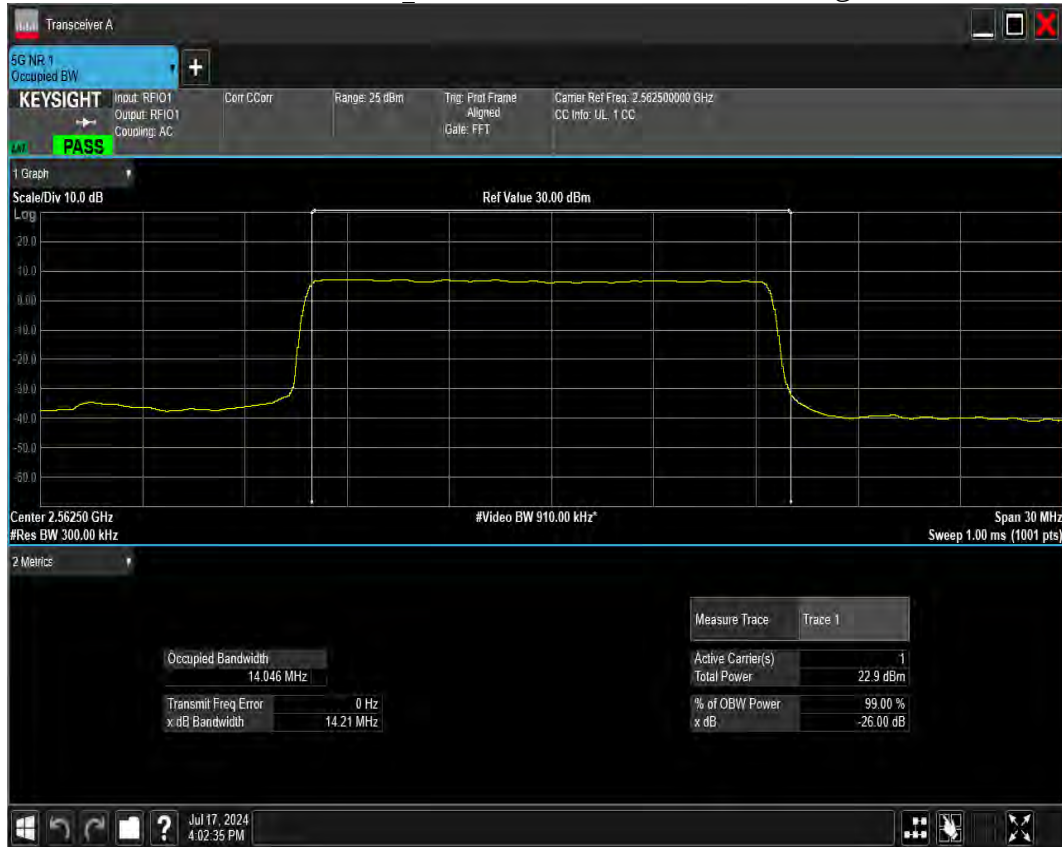
n7 SCS=15kHz DFT_QAM256 BW=15MHz Channel=507000 RB=75@0



n7 SCS=15kHz CP_QPSK BW=15MHz Channel=507000 RB=79@0



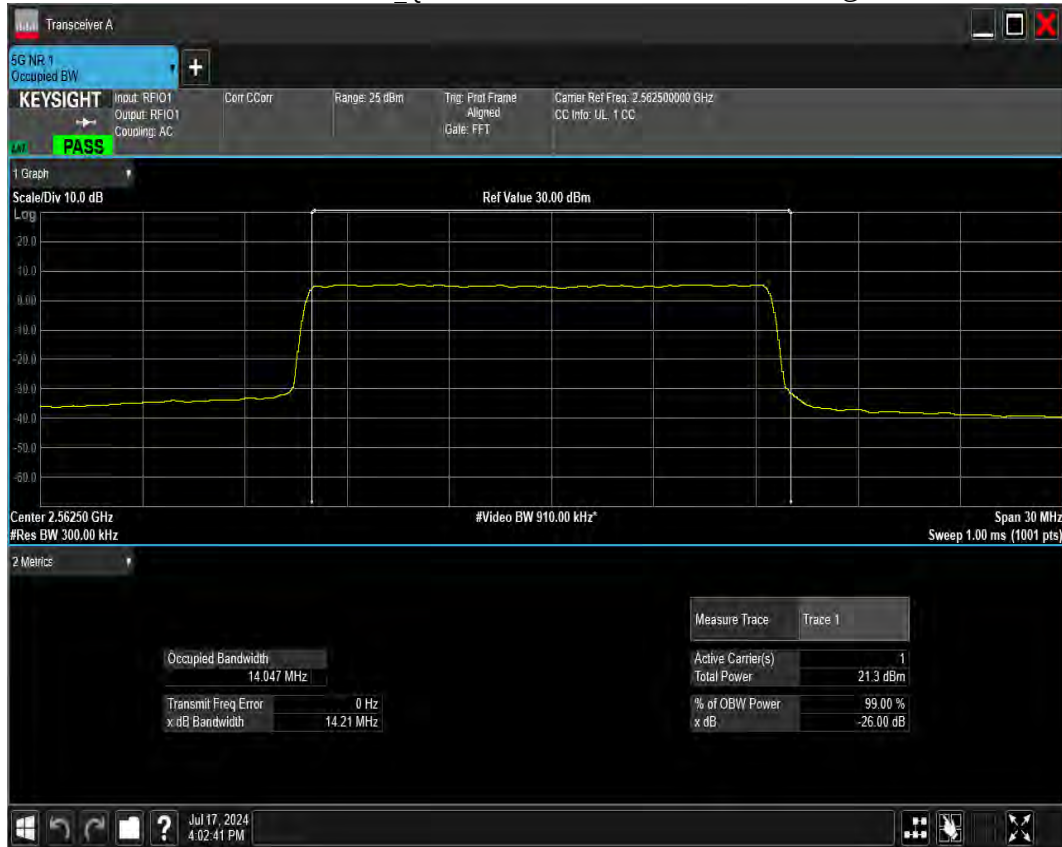
n7 SCS=15kHz DFT_BPSK BW=15MHz Channel=512500 RB=75@0



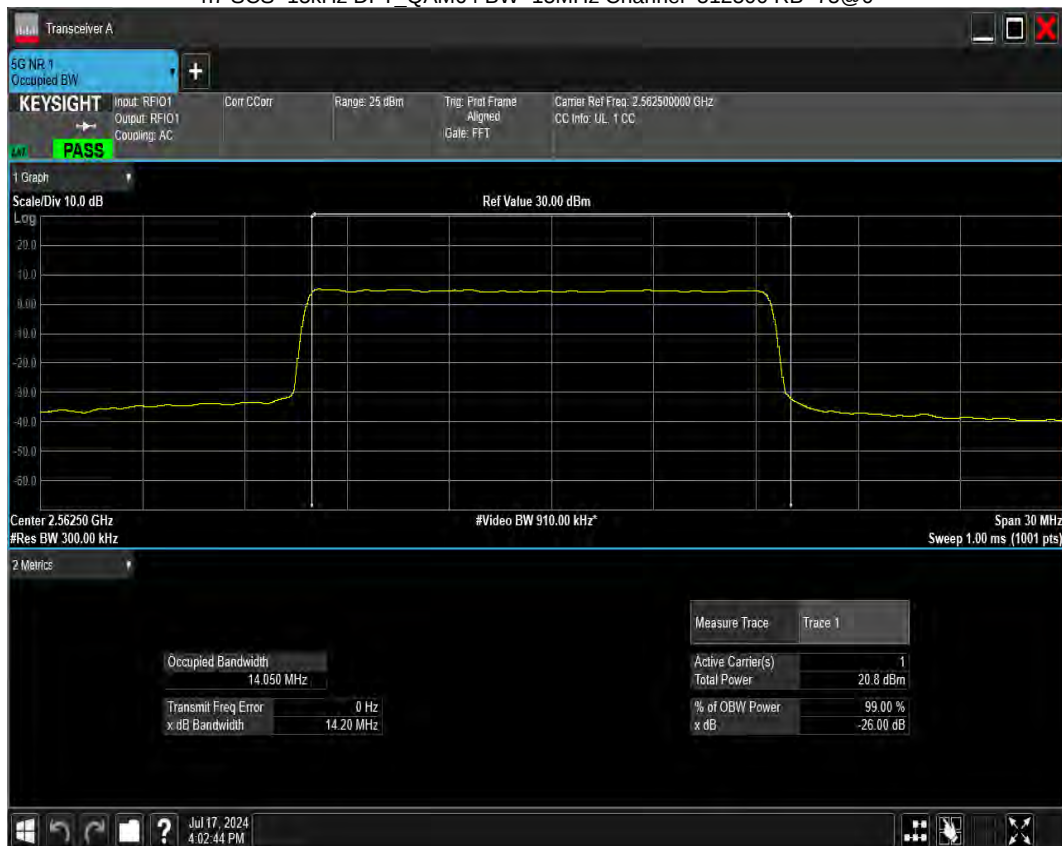
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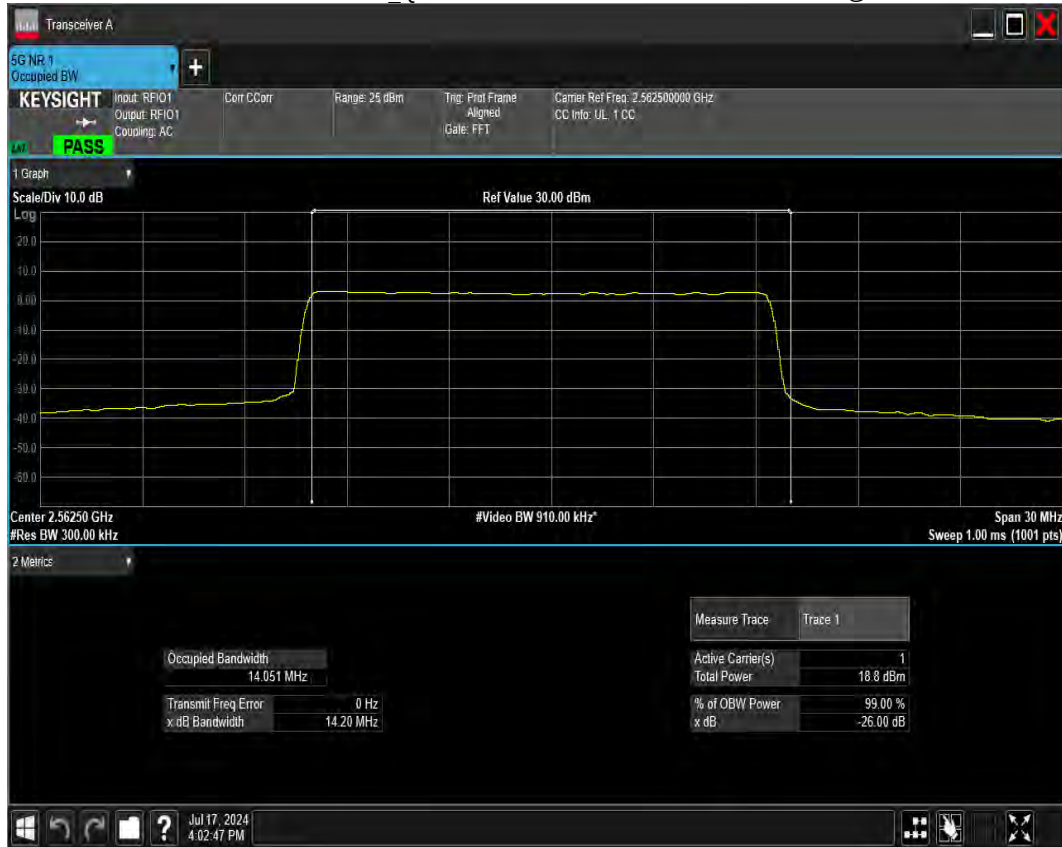
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n7 SCS=15kHz DFT_QAM64 BW=15MHz Channel=512500 RB=75@0



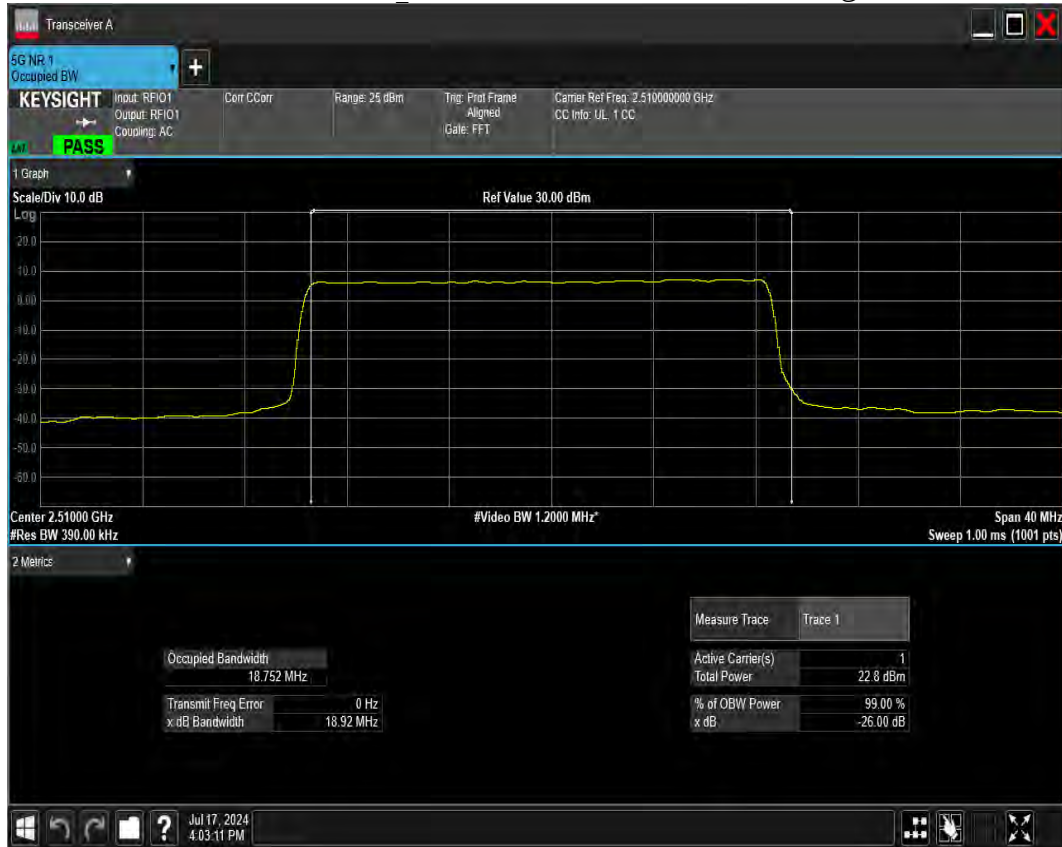
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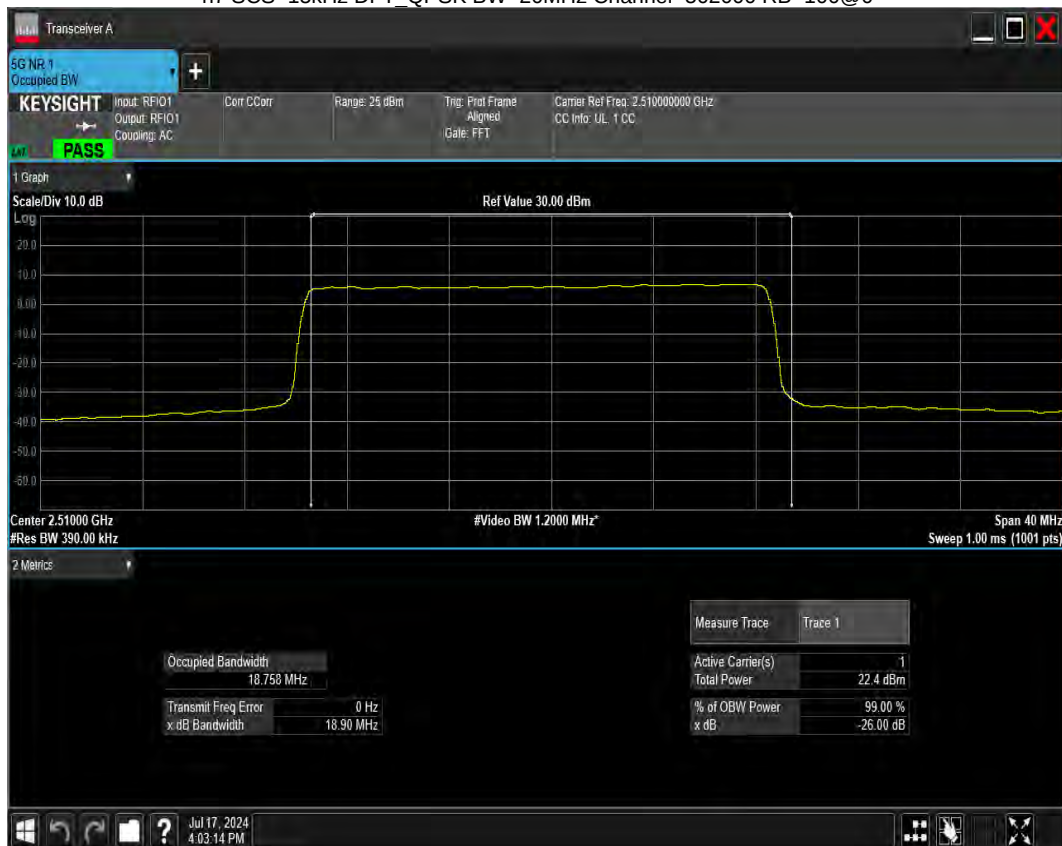
n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=79@0



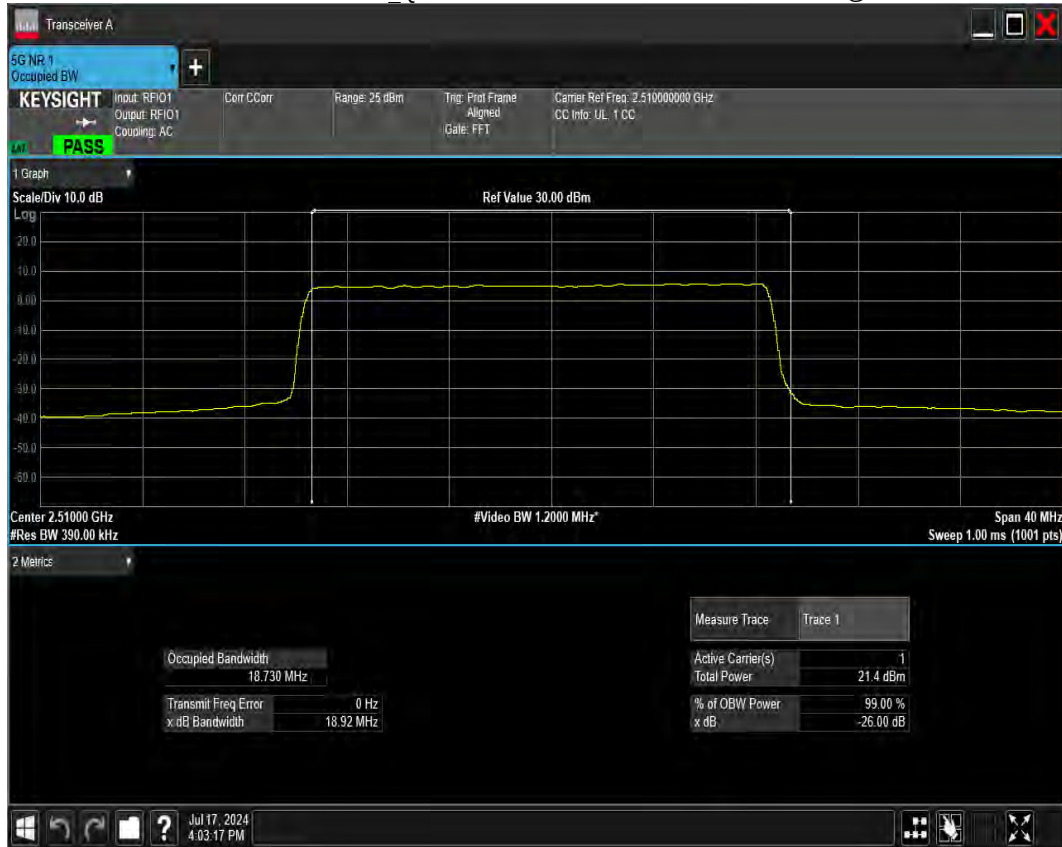
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n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=502000 RB=100@0

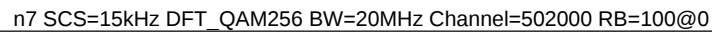


n7 SCS=15kHz DFT_QAM16 BW=20MHz Channel=502000 RB=100@0

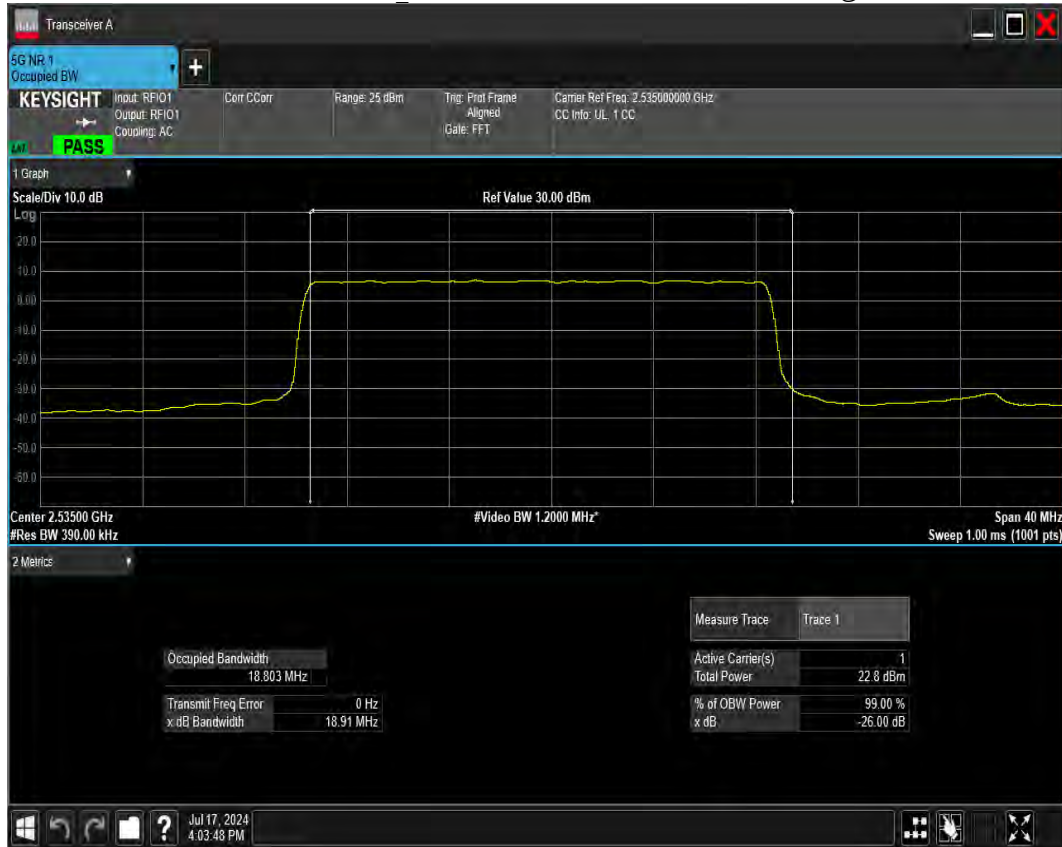


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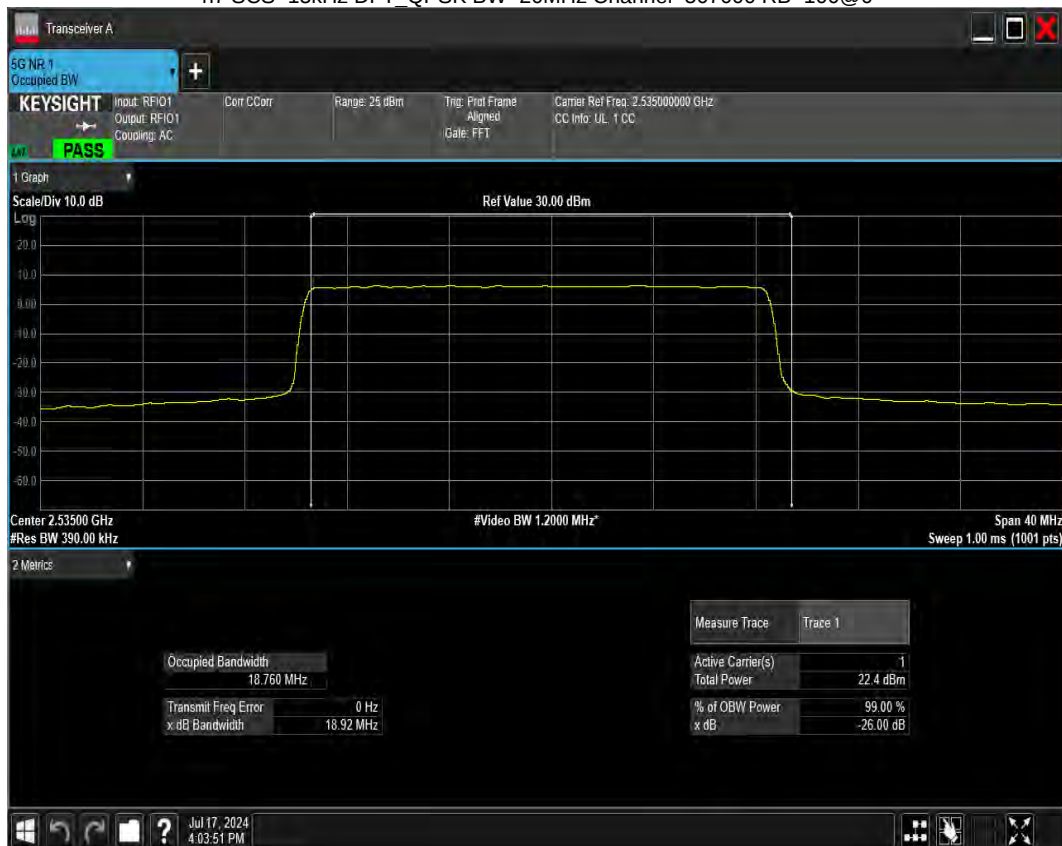




n7 SCS=15kHz DFT_BPSK BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=507000 RB=100@0



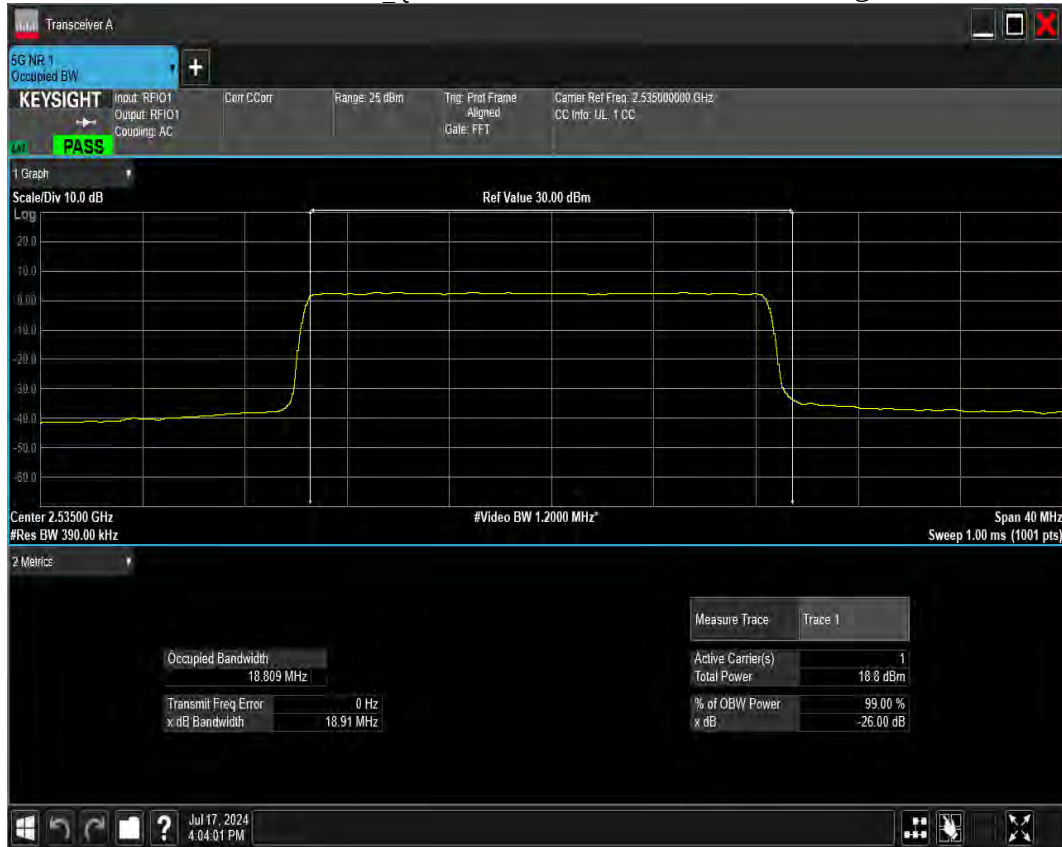
n7 SCS=15kHz DFT_QAM16 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=507000 RB=100@0



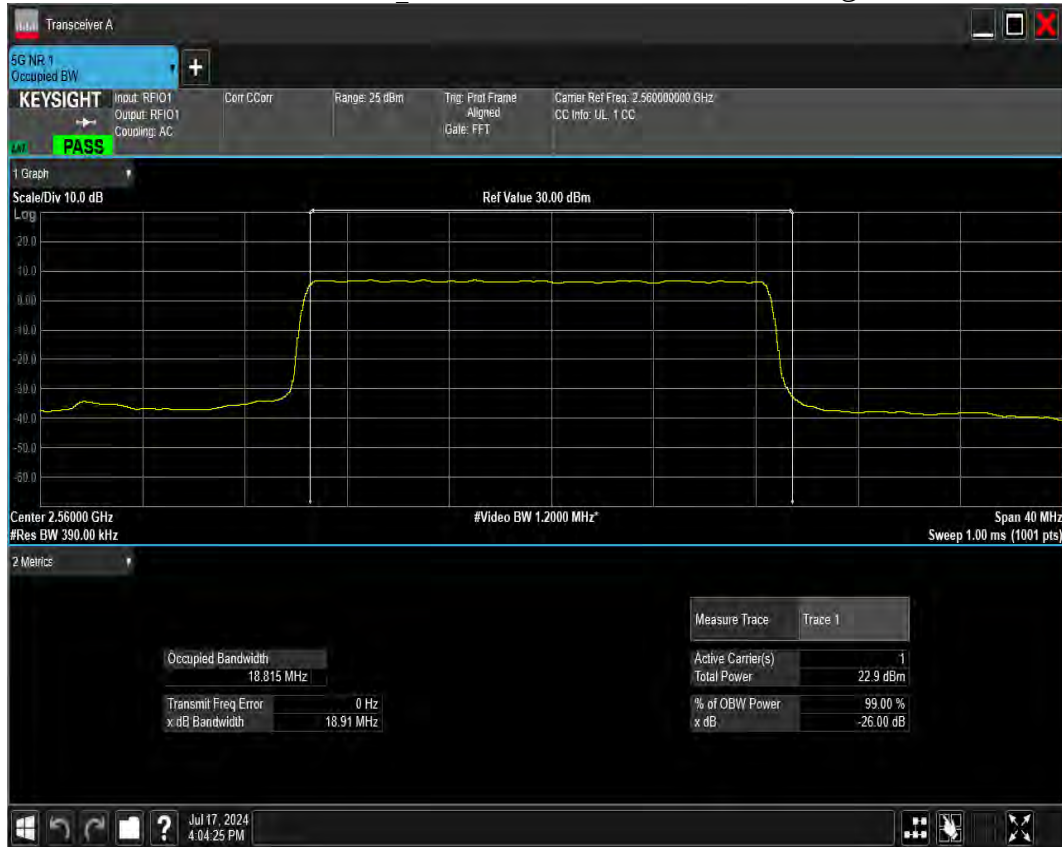
n7 SCS=15kHz DFT_QAM256 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz CP_QPSK BW=20MHz Channel=507000 RB=106@0



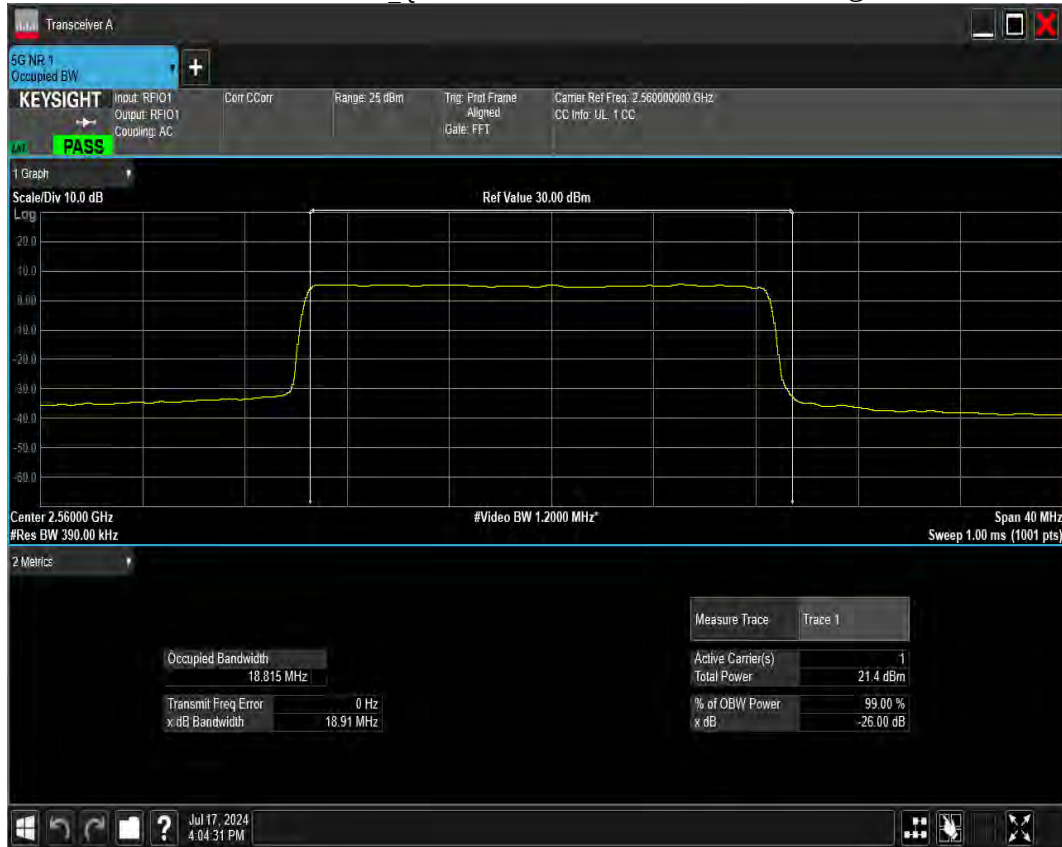
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n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=512000 RB=100@0



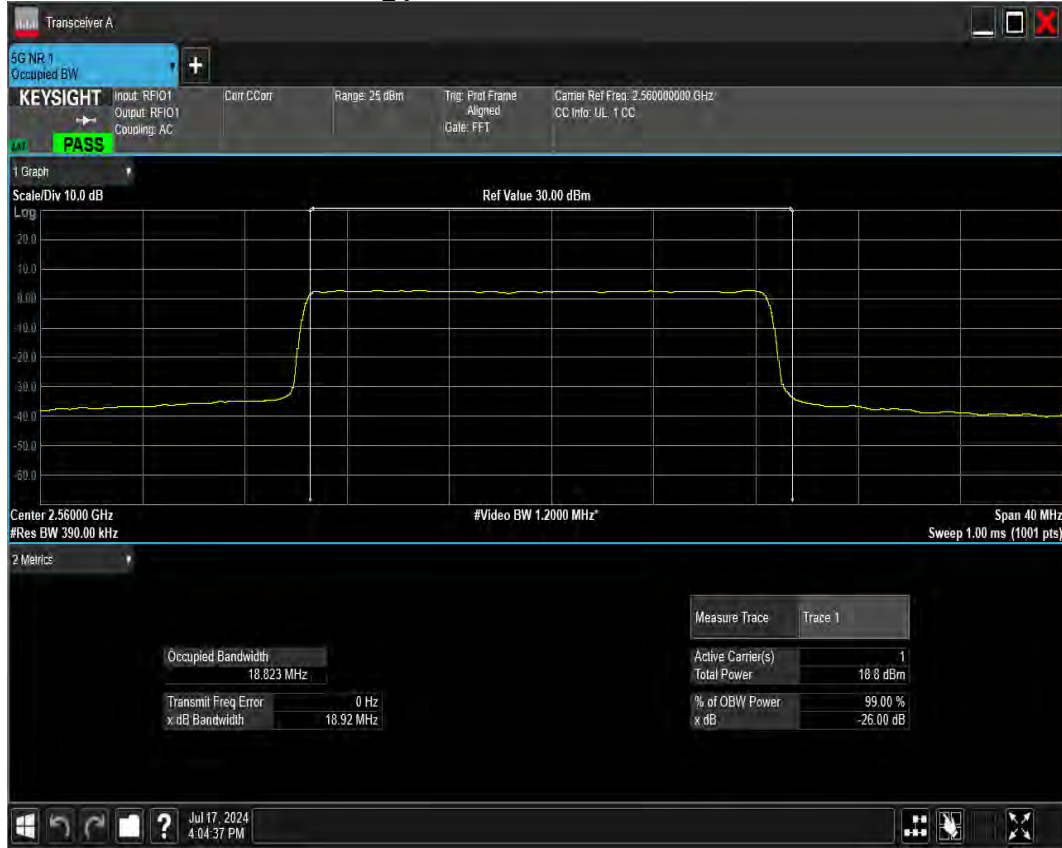
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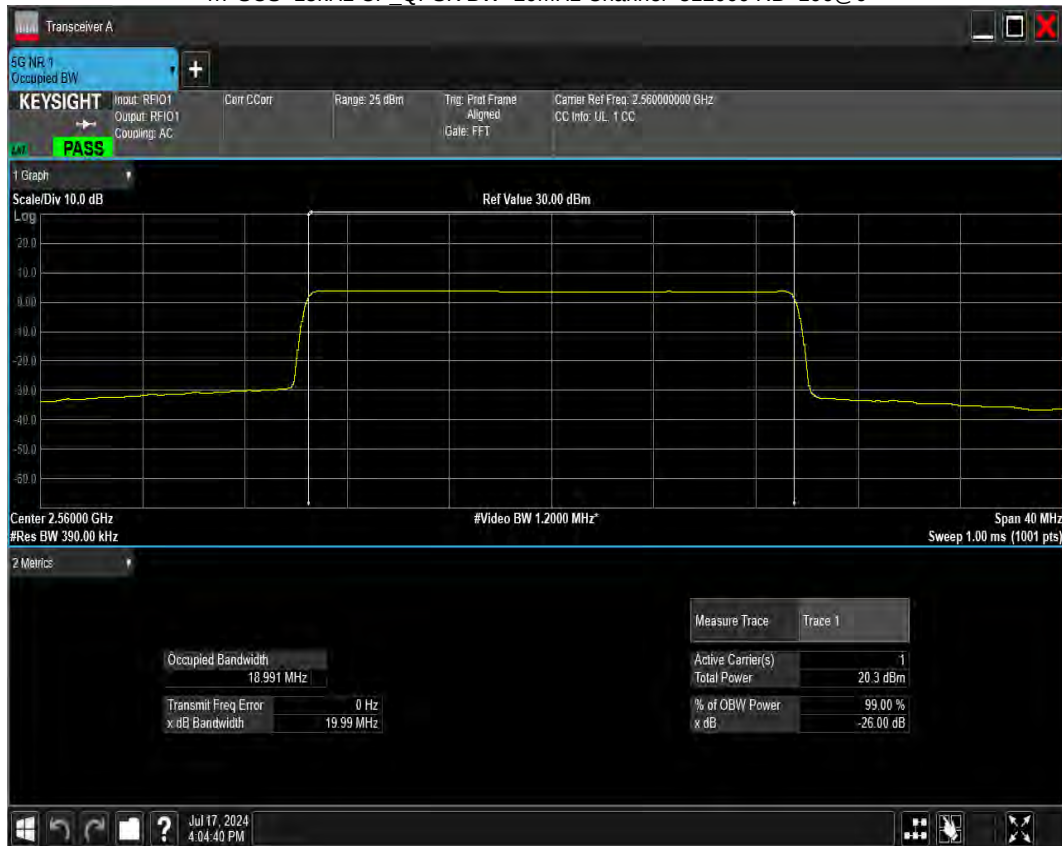
n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=512000 RB=100@0



n7 SCS=15kHz DFT_QAM256 BW=20MHz Channel=512000 RB=100@0



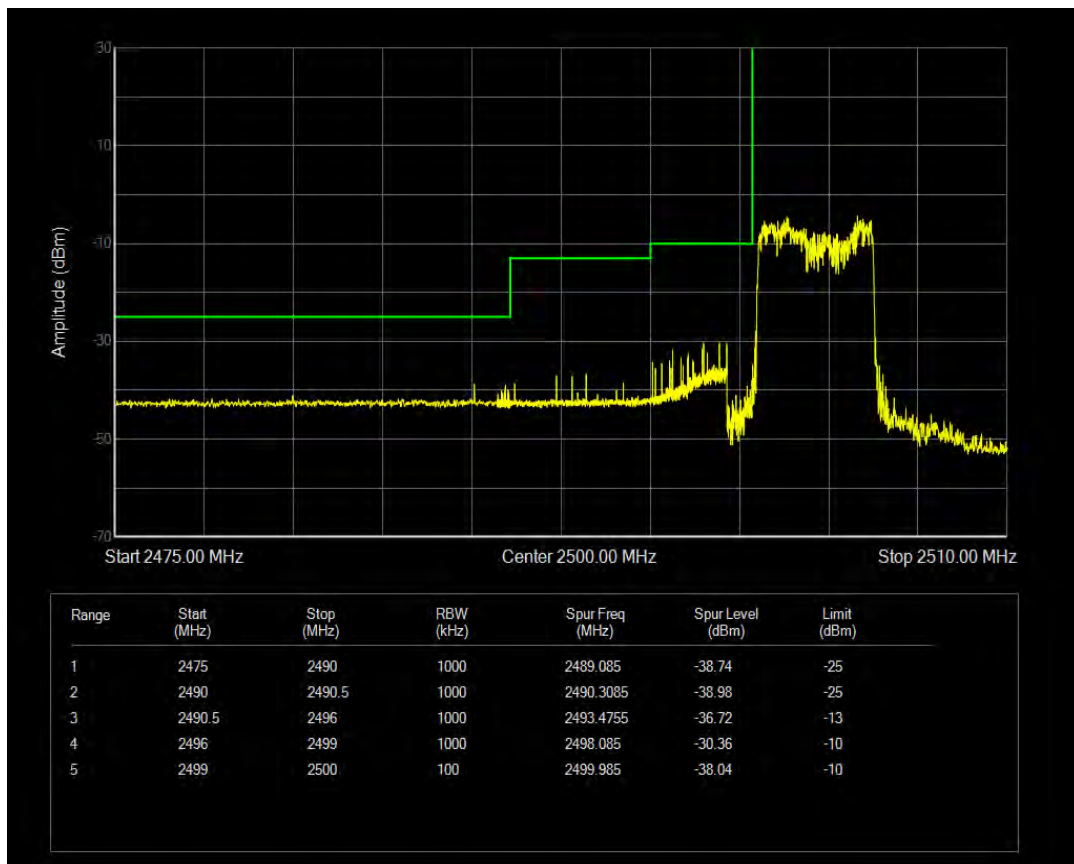
n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=106@0



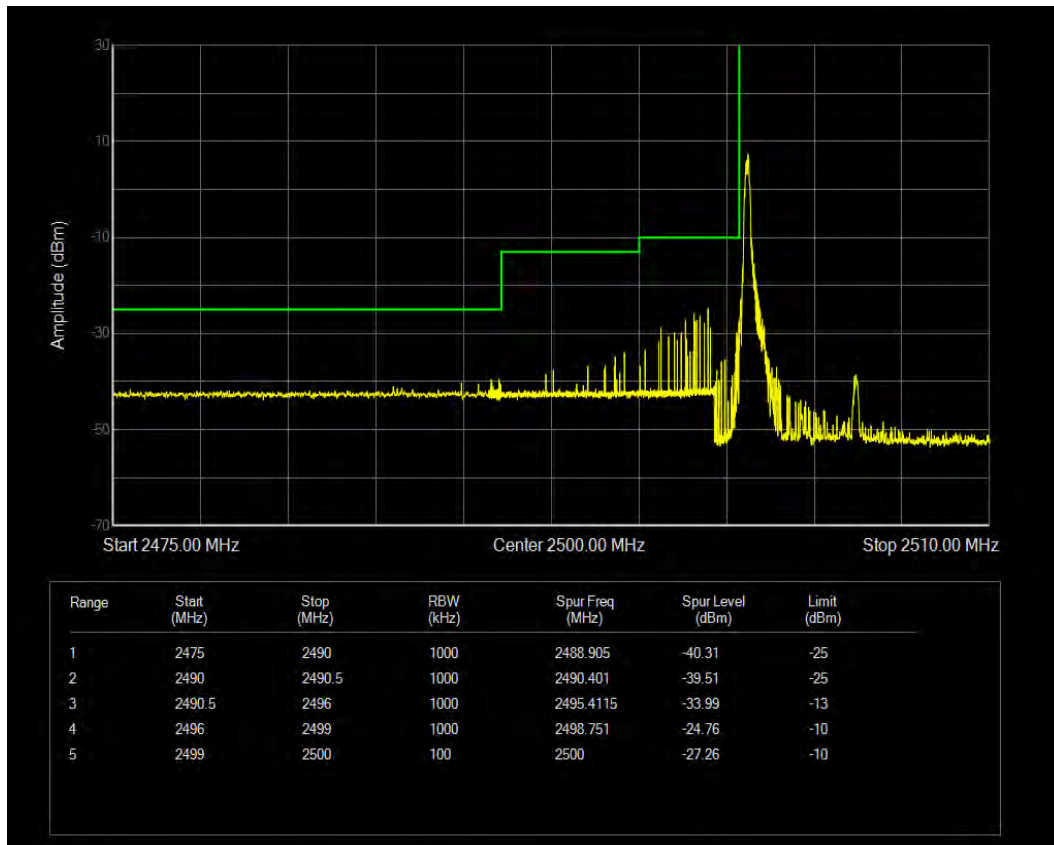
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	15	5	500500	25@0	DFT_QPSK	2489.09	-38.74	-25	PASS
n7	15	5	500500	1@0	DFT_QPSK	2490.40	-39.51	-25	PASS
n7	15	5	513500	25@0	DFT_QPSK	2576.30	-34.34	-25	PASS
n7	15	5	513500	1@24	DFT_QPSK	2571.10	-20.01	-10	PASS
n7	15	20	502000	100@0	DFT_QPSK	2475.00	-41.63	-25	PASS
n7	15	20	502000	1@0	DFT_QPSK	2498.89	-26.52	-10	PASS
n7	15	20	512000	100@0	DFT_QPSK	2595.00	-41.57	-25	PASS
n7	15	20	512000	1@105	DFT_QPSK	2571.46	-26.41	-10	PASS

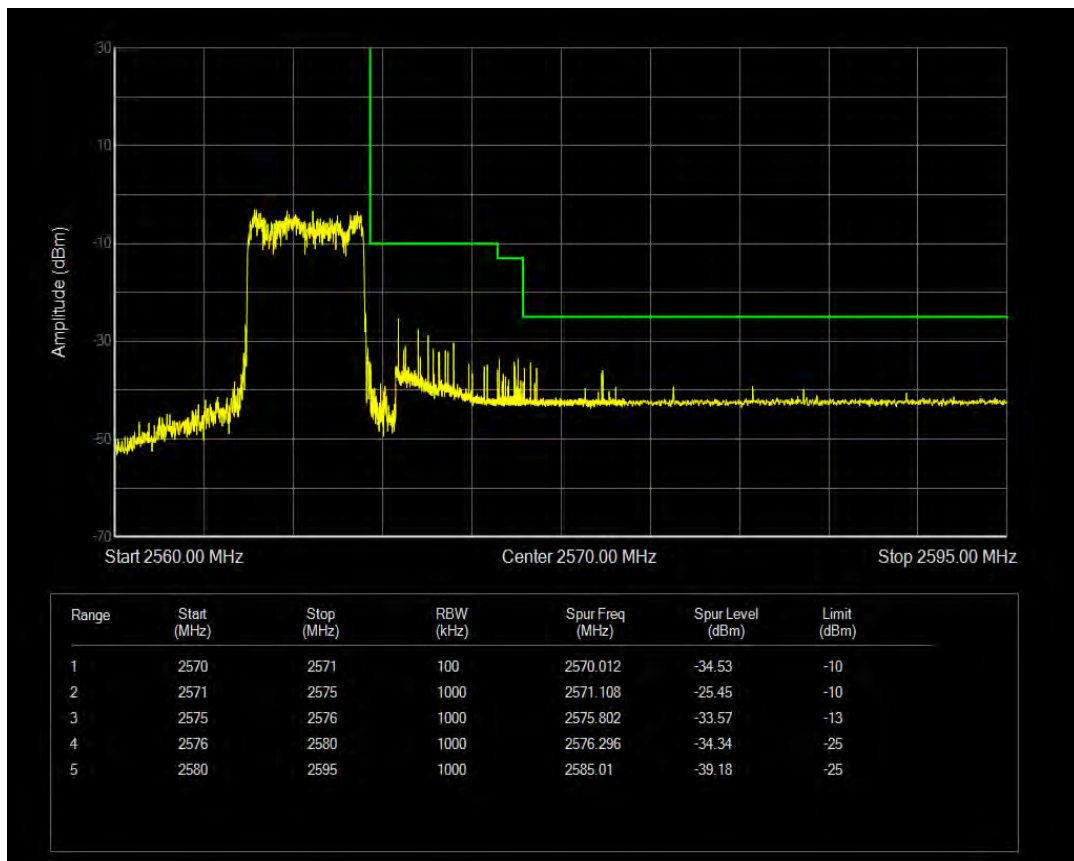
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=500500 RB=25@0



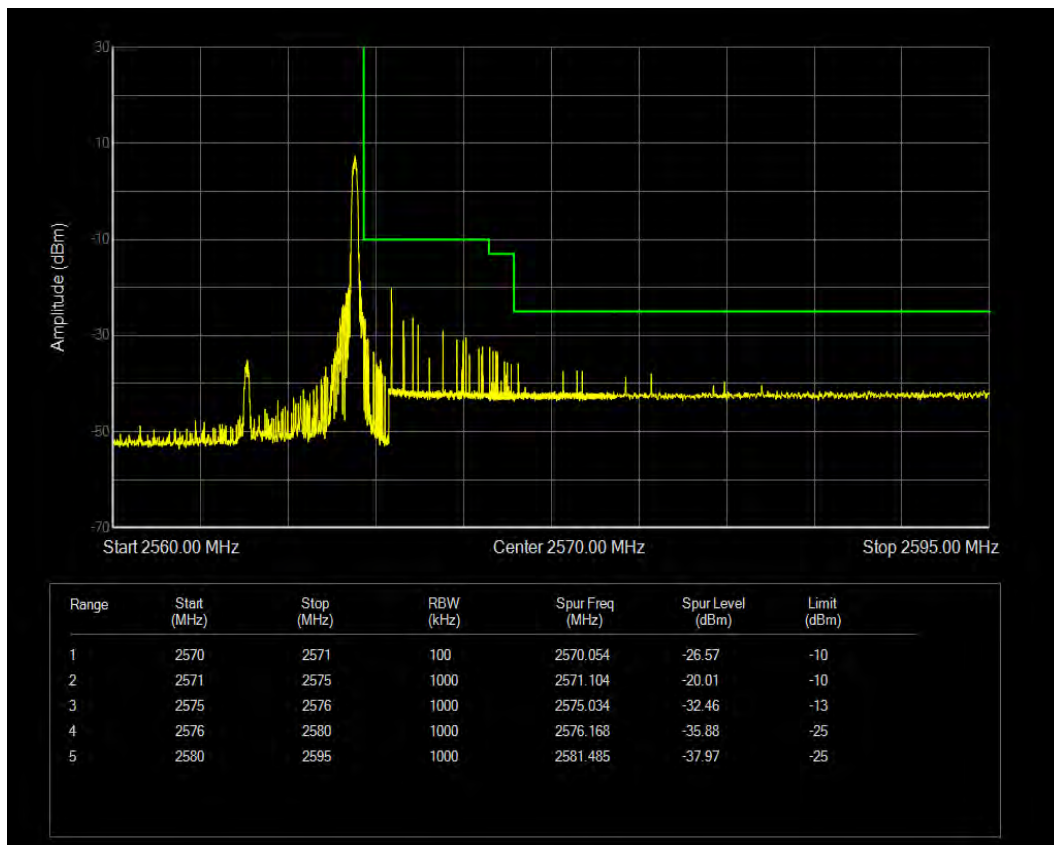
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=500500 RB=1@0



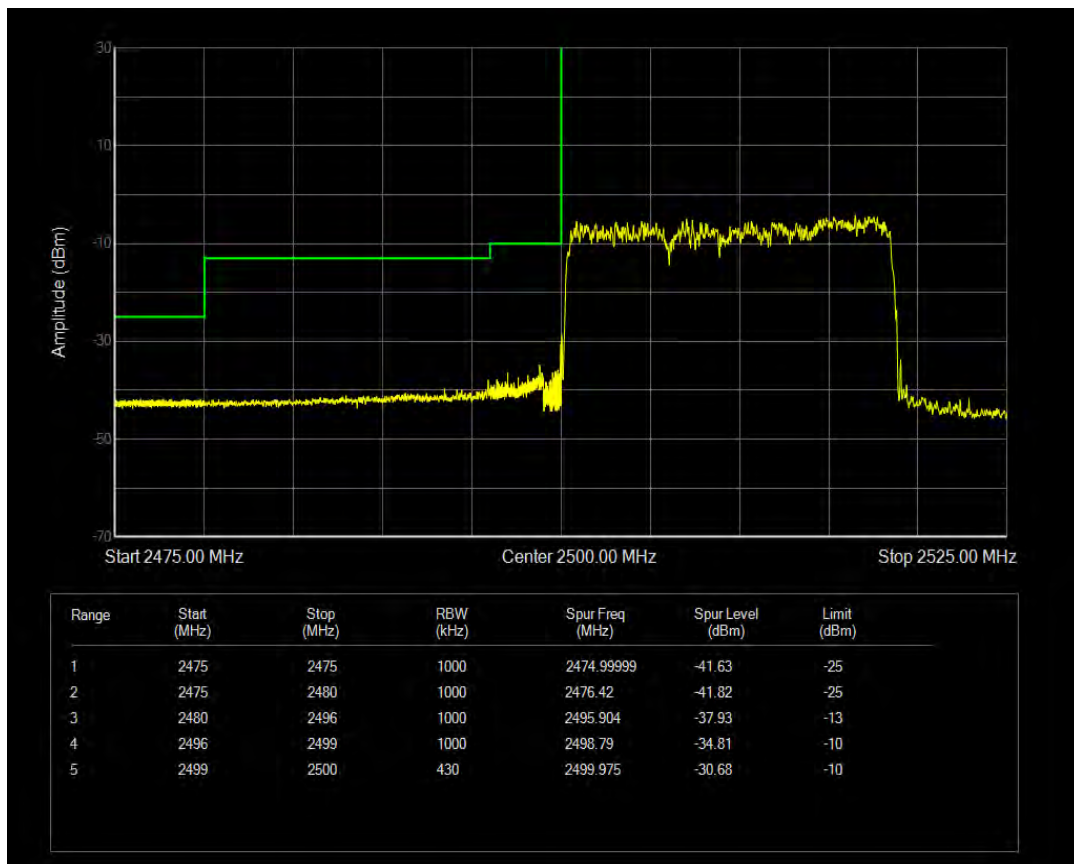
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=513500 RB=25@0



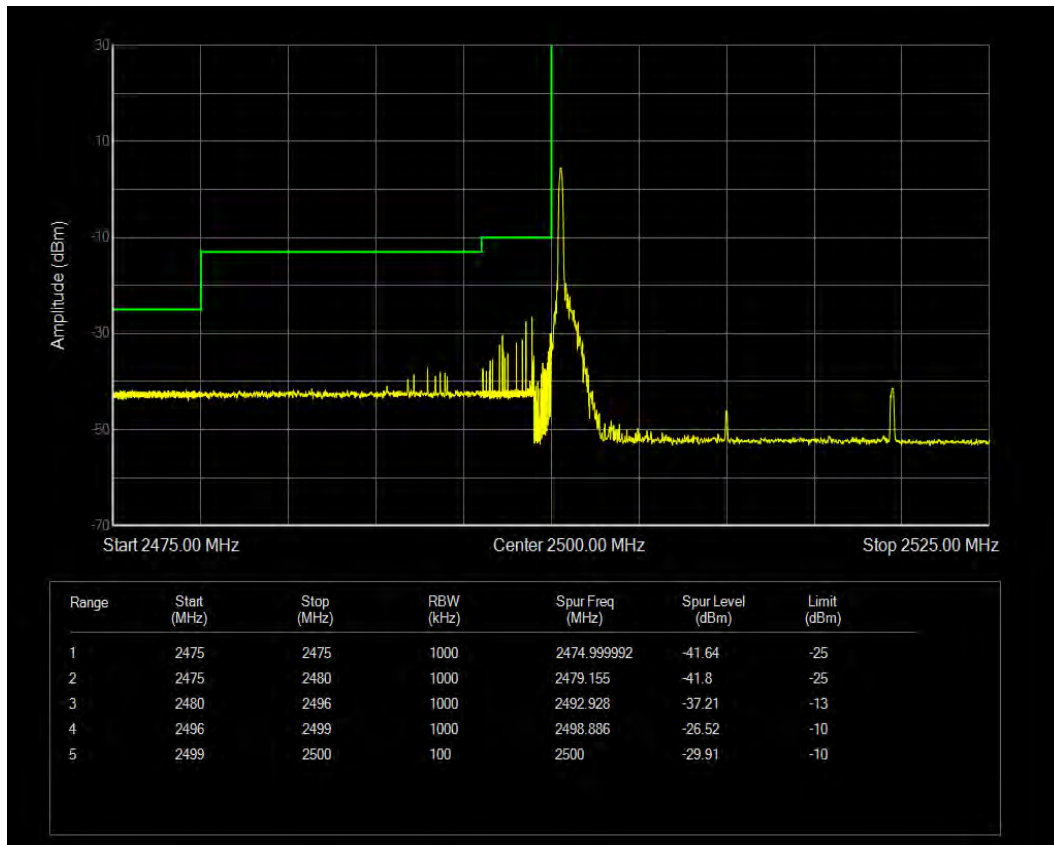
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=513500 RB=1@24



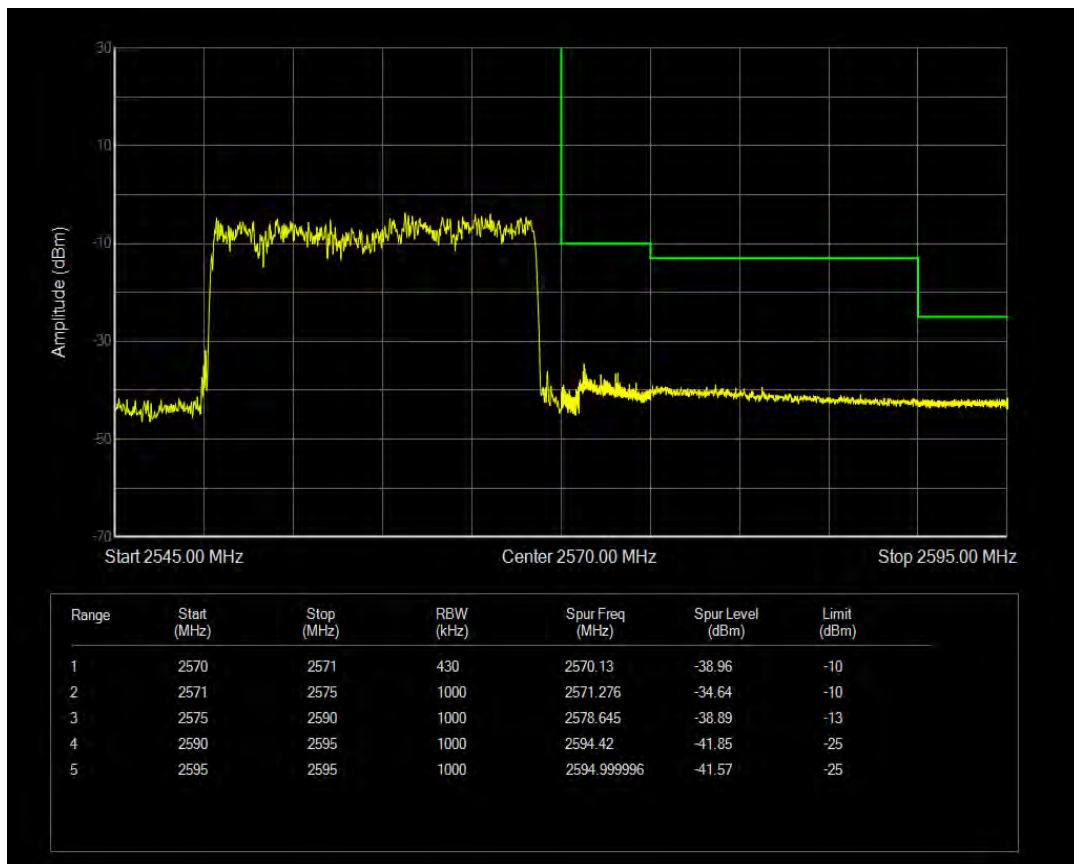
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=502000 RB=100@0



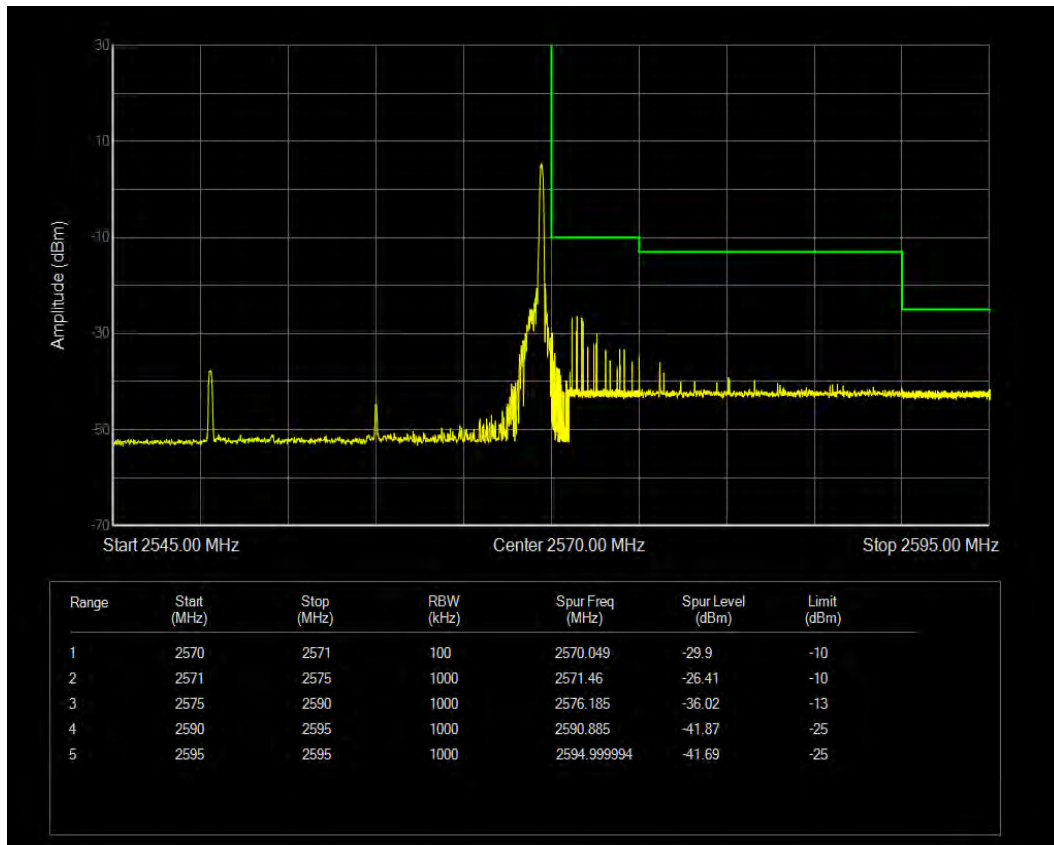
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=502000 RB=1@0



n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=512000 RB=100@0



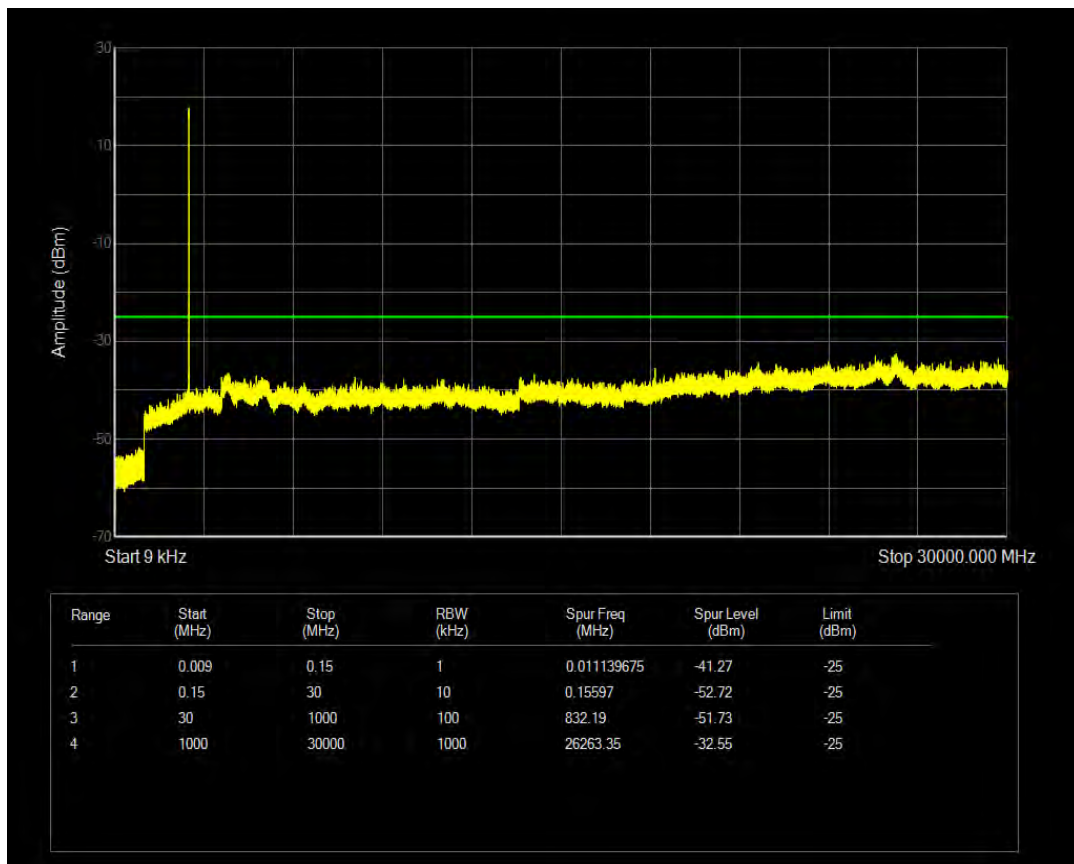
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=512000 RB=1@105



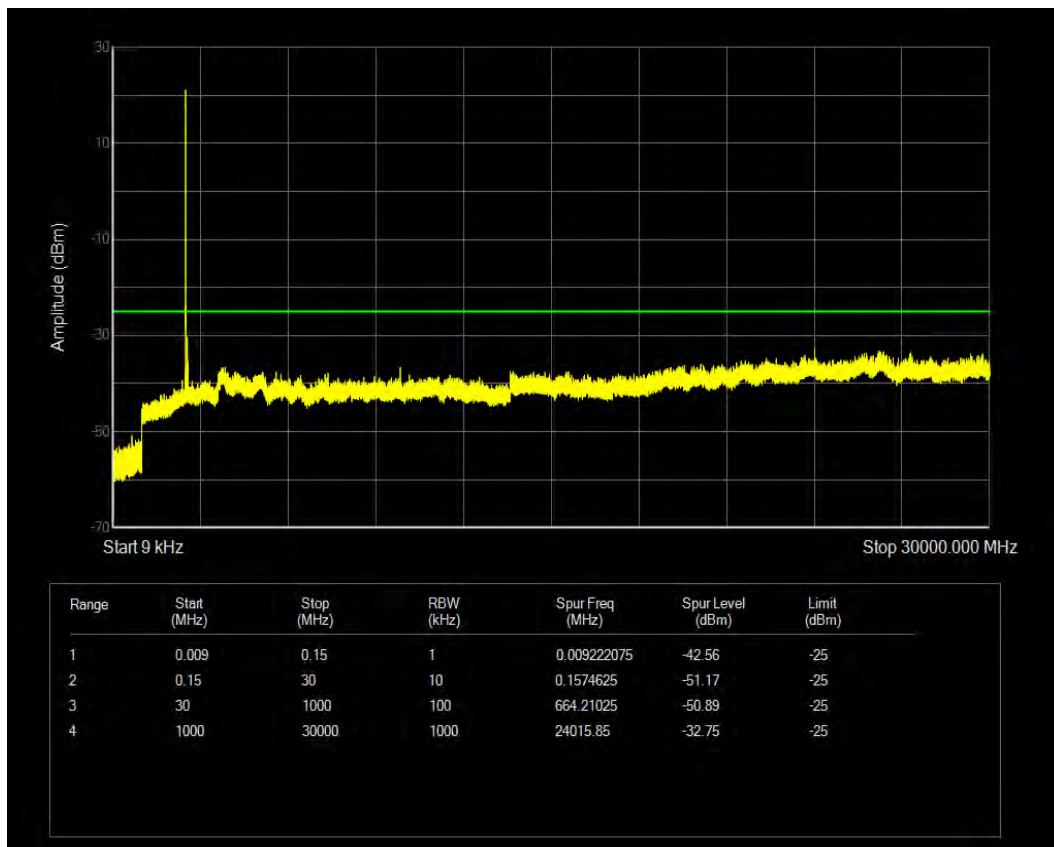
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	15	5	500500	25@0	DFT_QPSK	26263.35	-32.55	-25	PASS
n7	15	5	500500	1@0	DFT_QPSK	24015.85	-32.75	-25	PASS
n7	15	5	500500	1@24	DFT_QPSK	26249.58	-33.19	-25	PASS
n7	15	5	507000	25@0	DFT_QPSK	25534.73	-32.73	-25	PASS
n7	15	5	507000	1@0	DFT_QPSK	25652.18	-33.29	-25	PASS
n7	15	5	507000	1@24	DFT_QPSK	29377.23	-33.10	-25	PASS
n7	15	5	513500	25@0	DFT_QPSK	26331.50	-33.23	-25	PASS
n7	15	5	513500	1@0	DFT_QPSK	2599.35	-30.74	-25	PASS
n7	15	5	513500	1@24	DFT_QPSK	26062.53	-32.79	-25	PASS
n7	15	20	502000	100@0	DFT_QPSK	26298.88	-31.32	-25	PASS
n7	15	20	502000	1@0	DFT_QPSK	26262.63	-33.12	-25	PASS
n7	15	20	502000	1@105	DFT_QPSK	25747.88	-33.08	-25	PASS
n7	15	20	507000	100@0	DFT_QPSK	26298.88	-32.18	-25	PASS
n7	15	20	507000	1@0	DFT_QPSK	26174.18	-32.48	-25	PASS
n7	15	20	507000	1@105	DFT_QPSK	26414.15	-32.96	-25	PASS
n7	15	20	512000	100@0	DFT_QPSK	26362.68	-33.25	-25	PASS
n7	15	20	512000	1@0	DFT_QPSK	26258.28	-32.10	-25	PASS
n7	15	20	512000	1@105	DFT_QPSK	26257.55	-33.19	-25	PASS

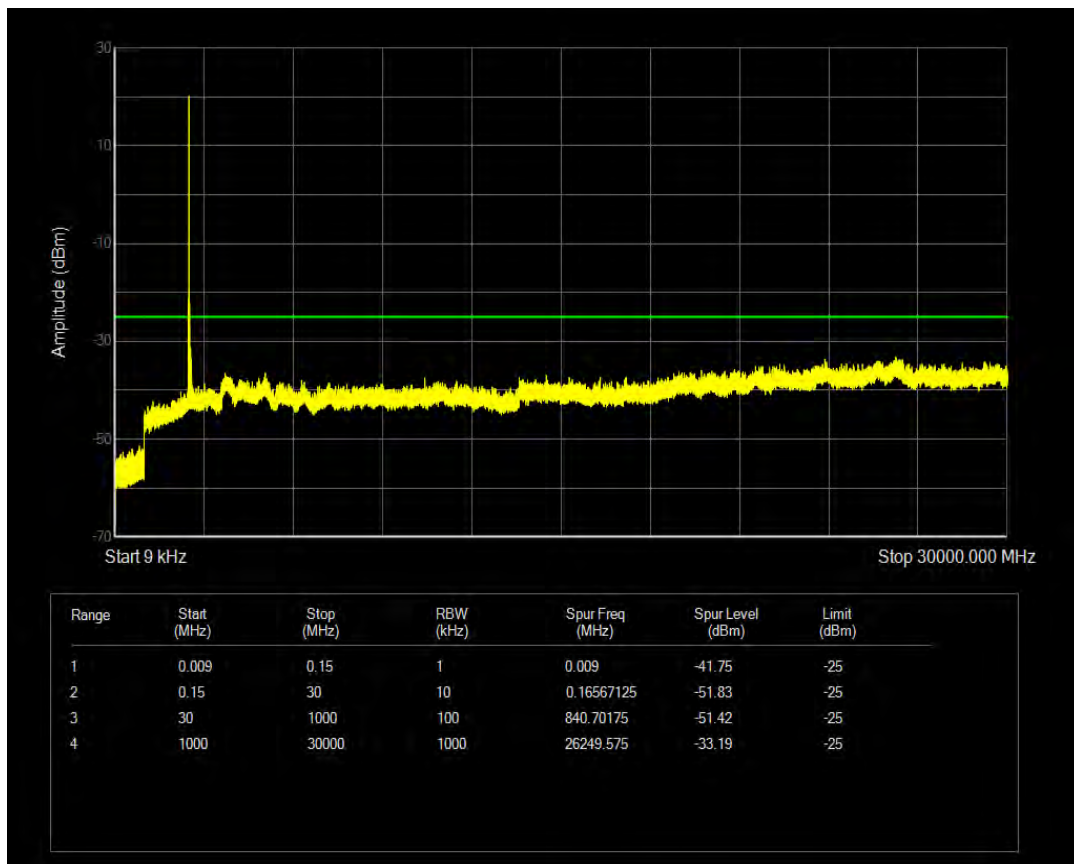
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=500500 RB=25@0



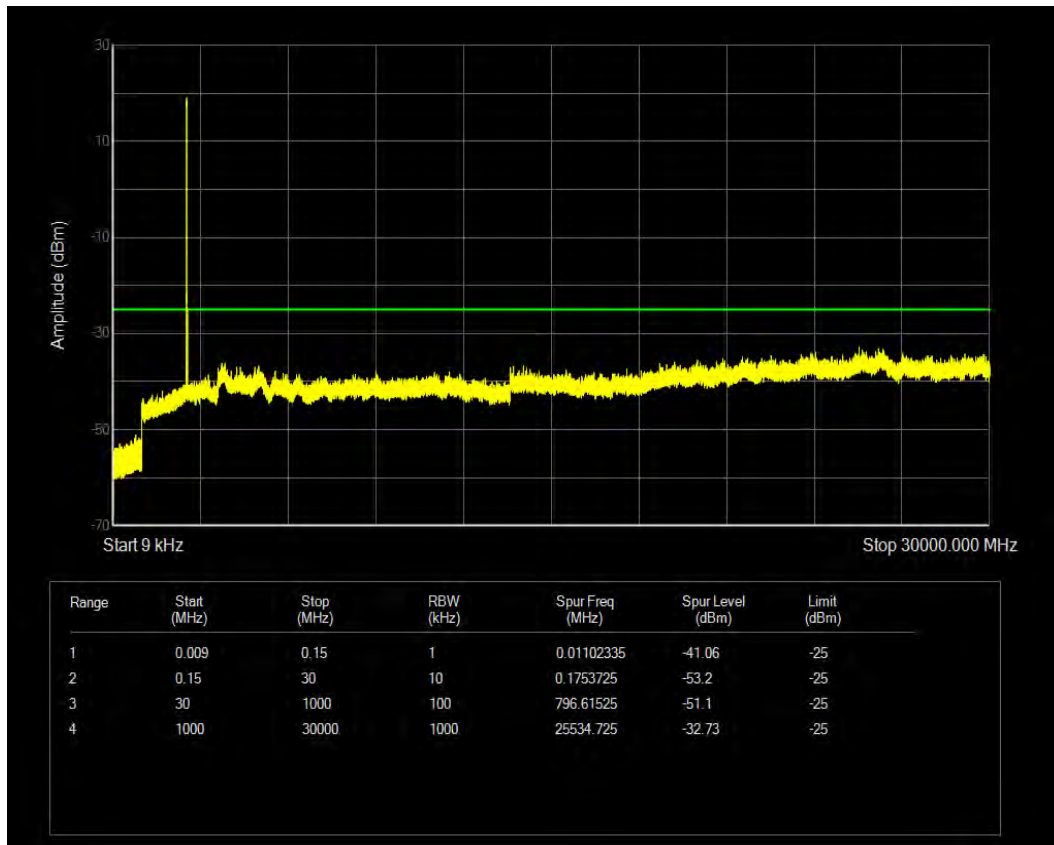
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=500500 RB=1@0



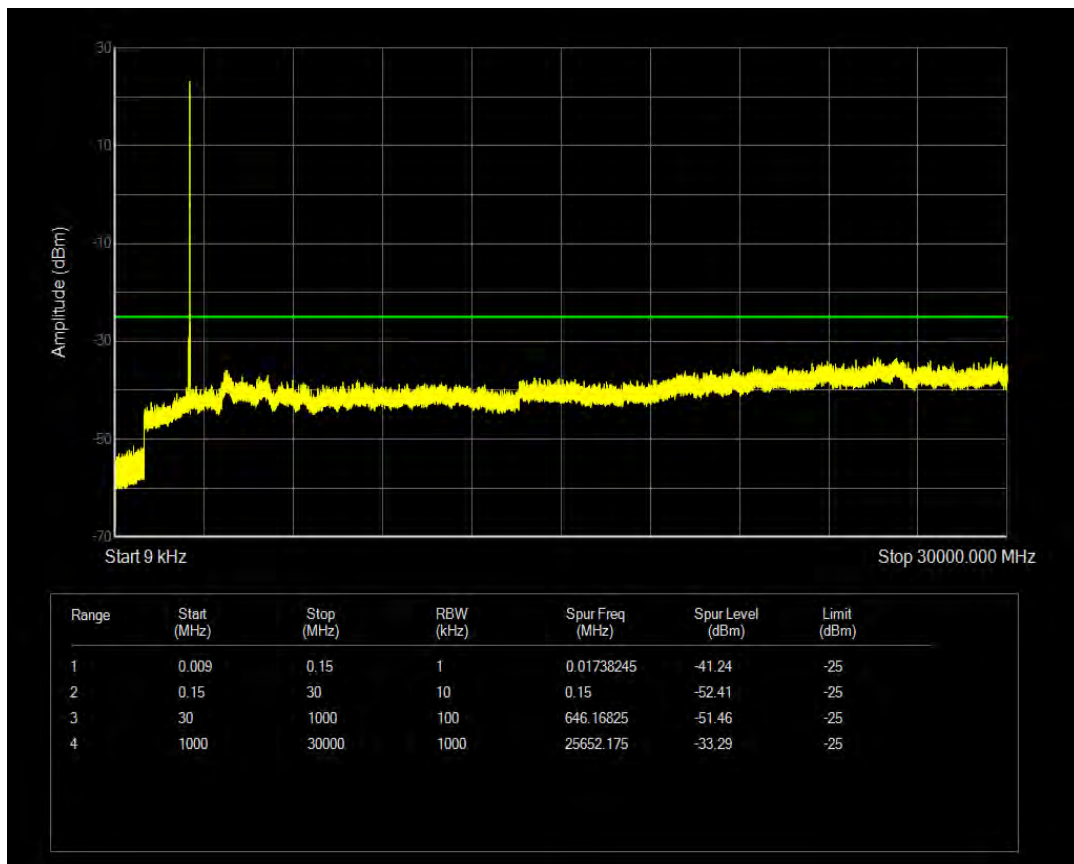
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=500500 RB=1@24



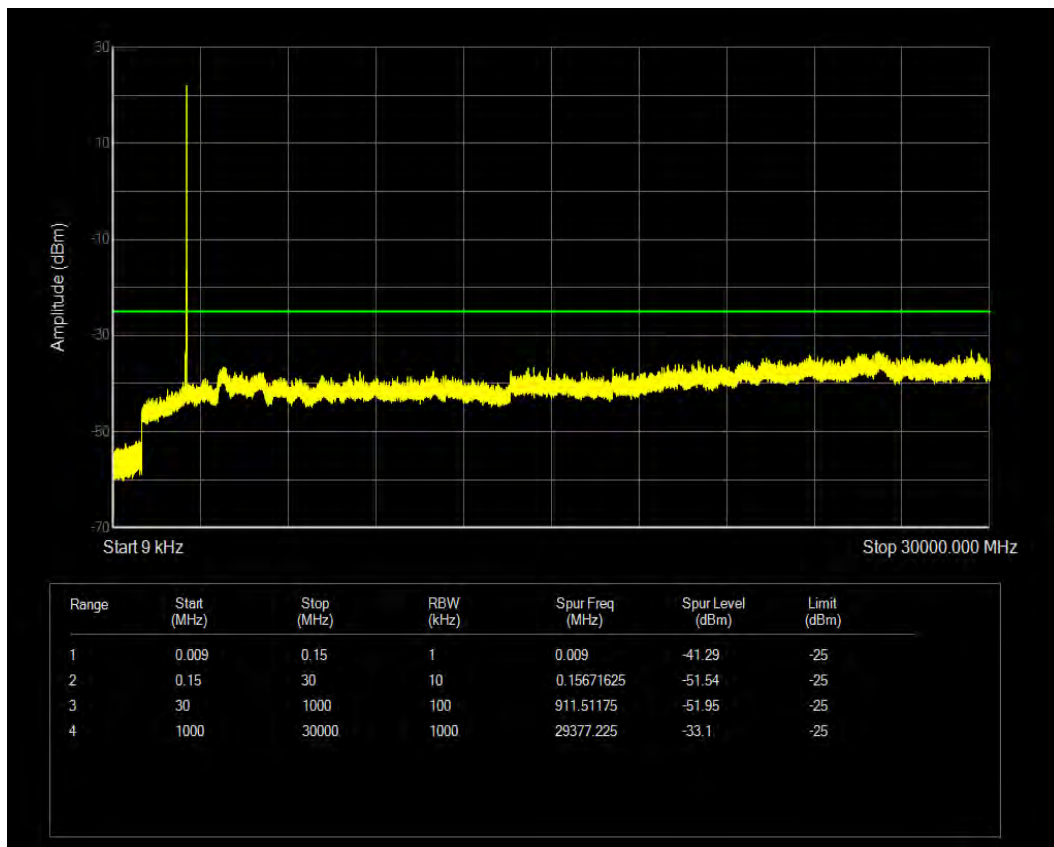
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=507000 RB=25@0



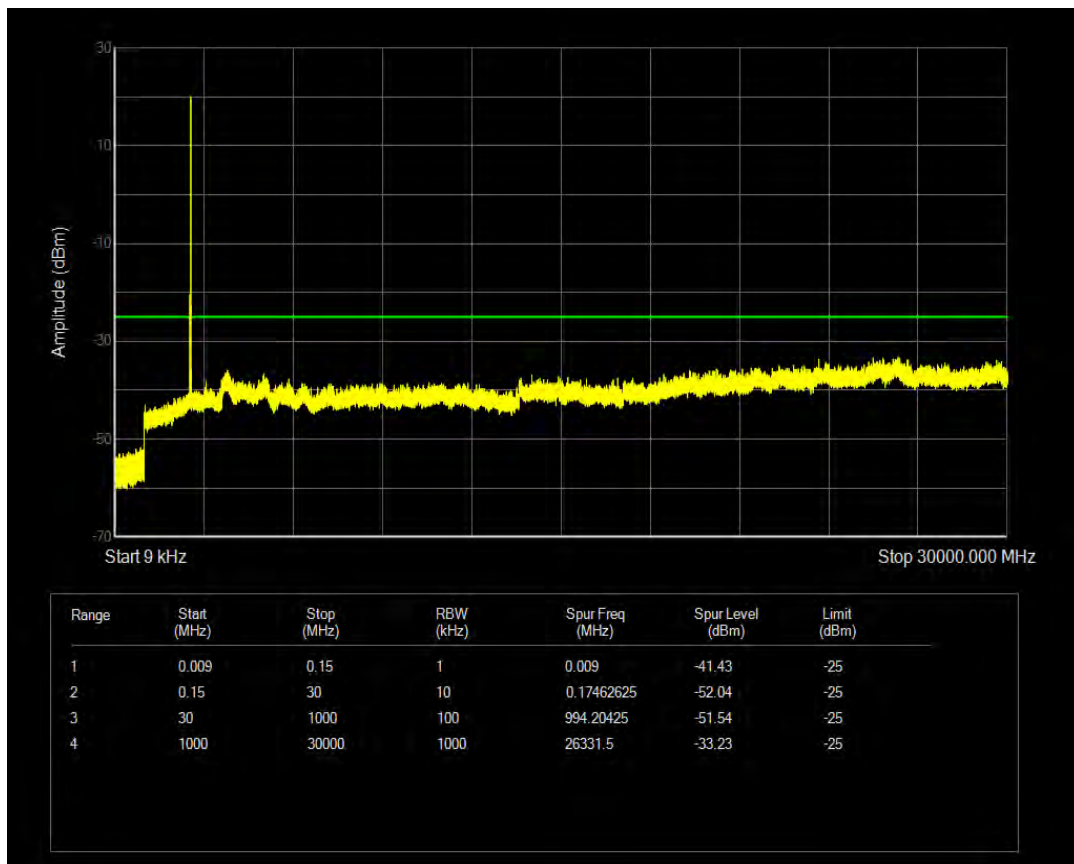
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=507000 RB=1@0



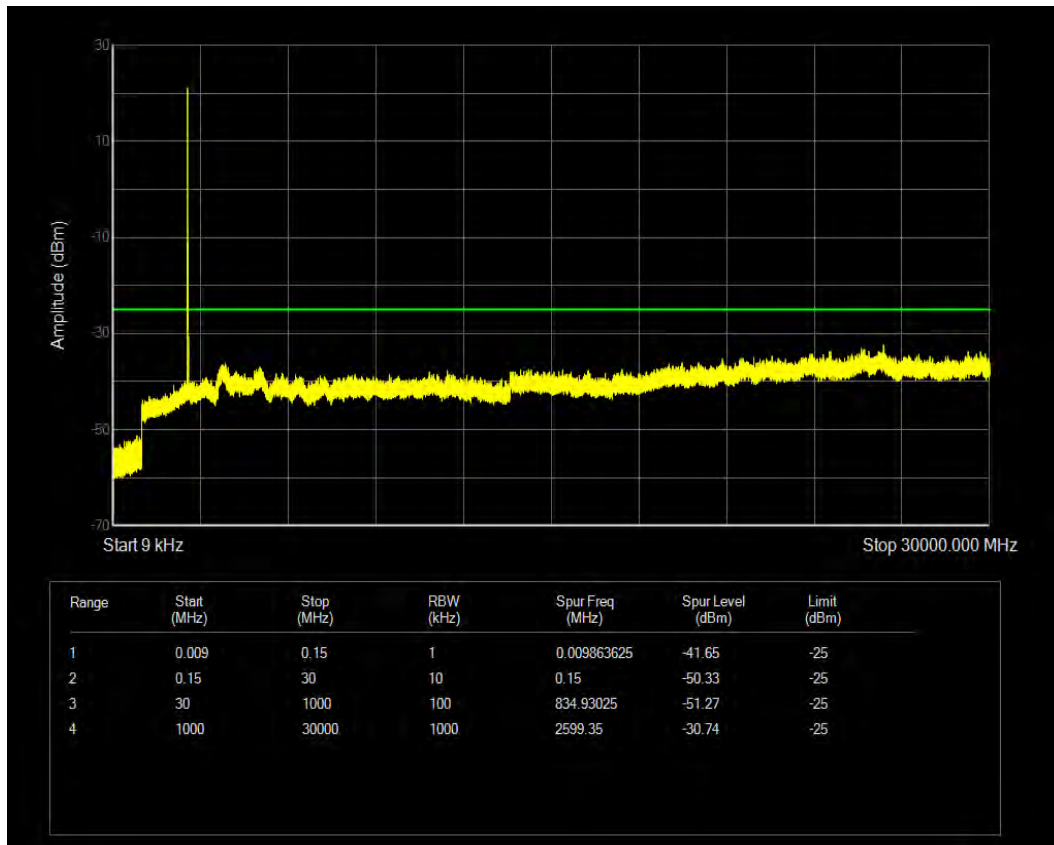
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=507000 RB=1@24



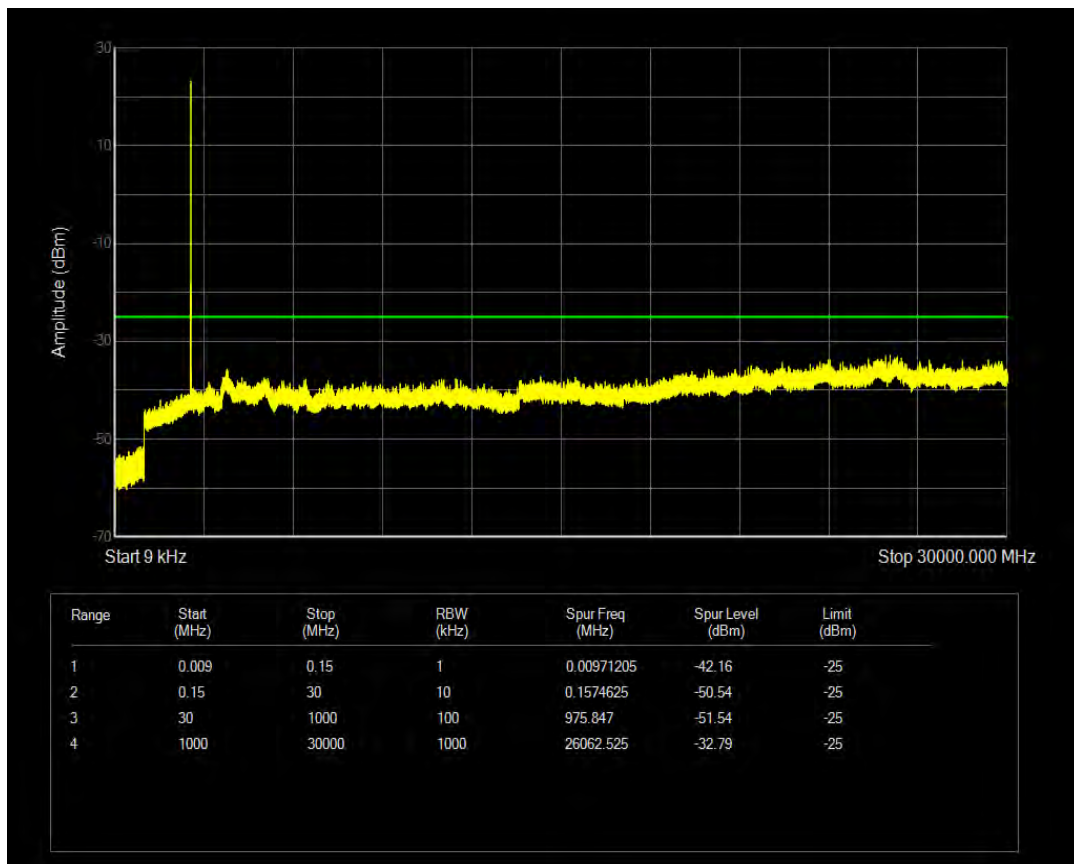
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=513500 RB=25@0



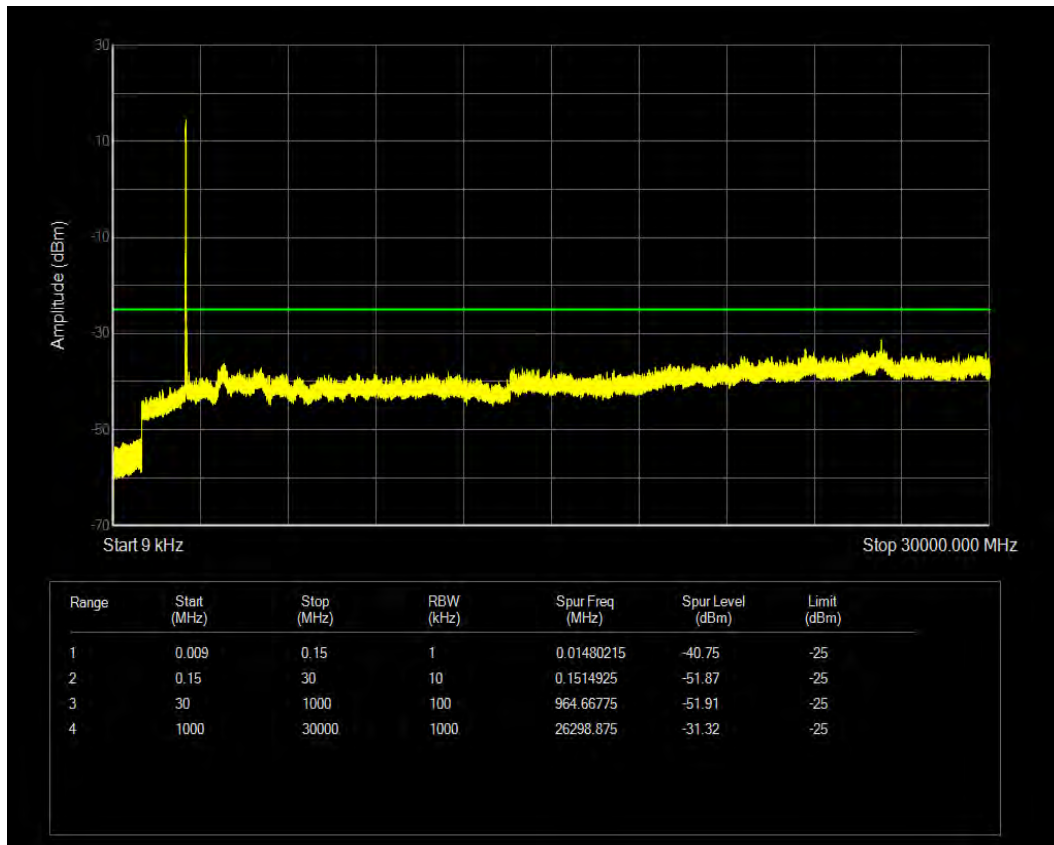
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=513500 RB=1@0



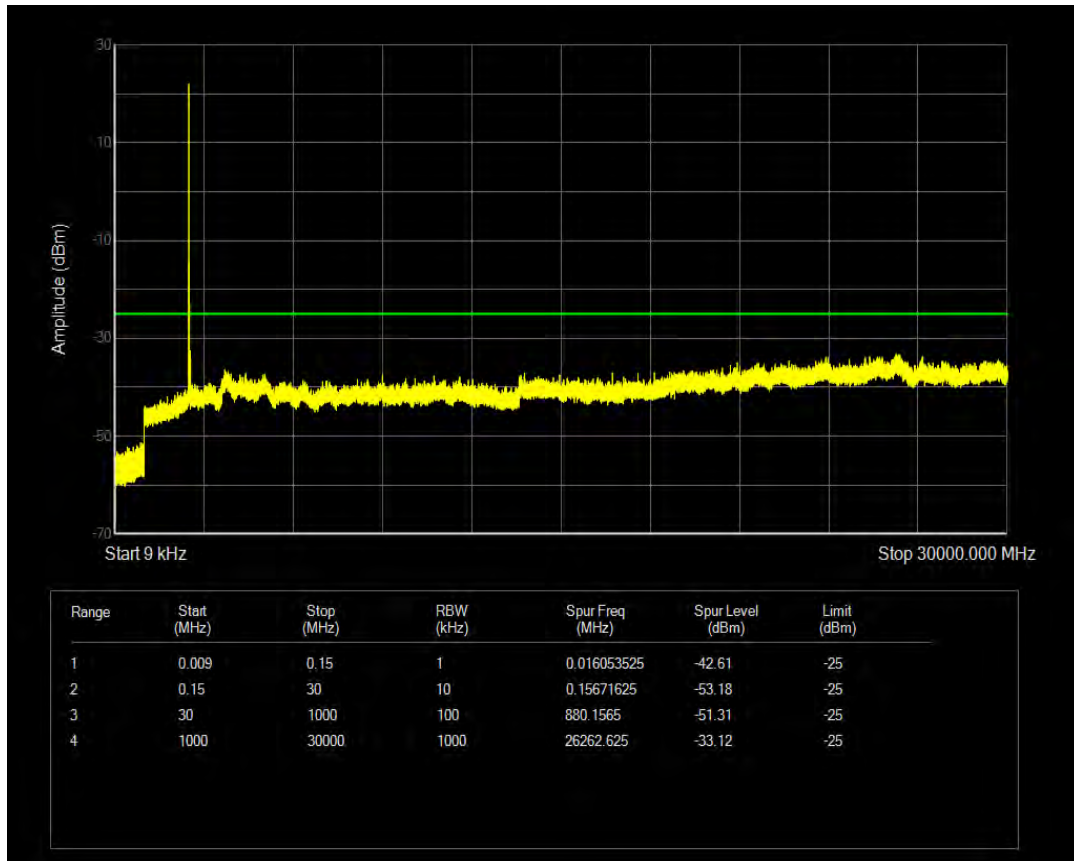
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=513500 RB=1@24



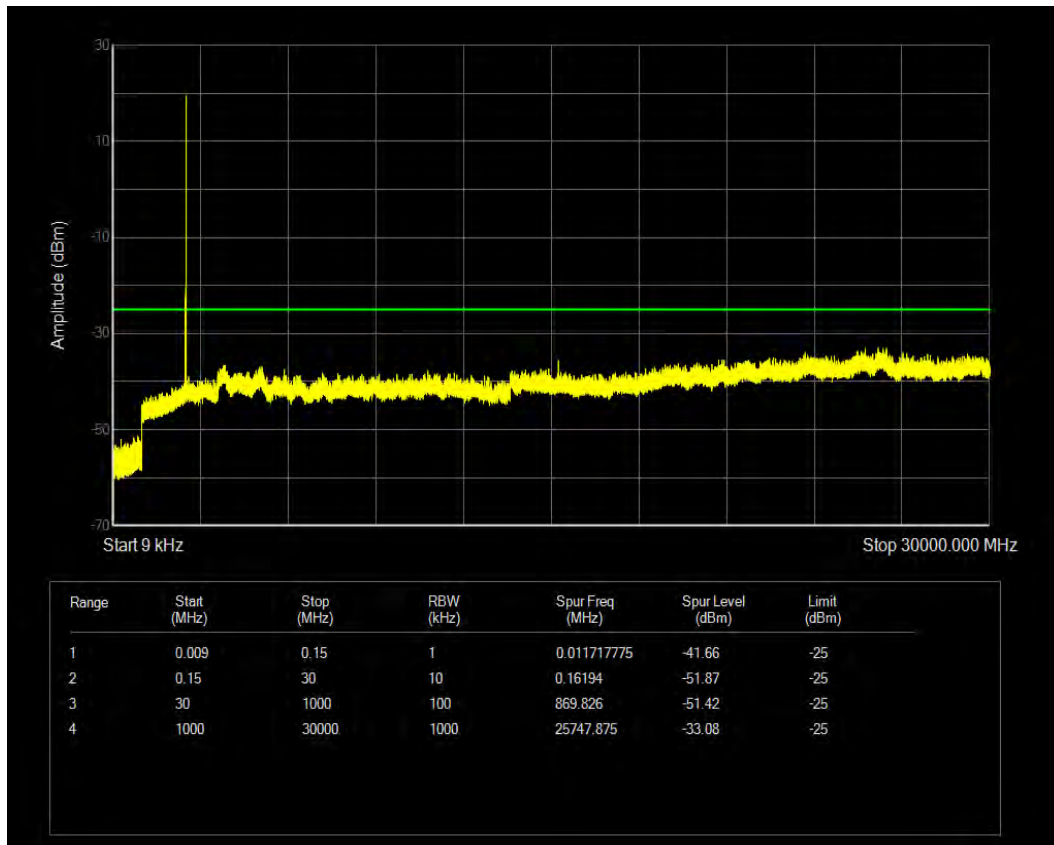
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=502000 RB=100@0



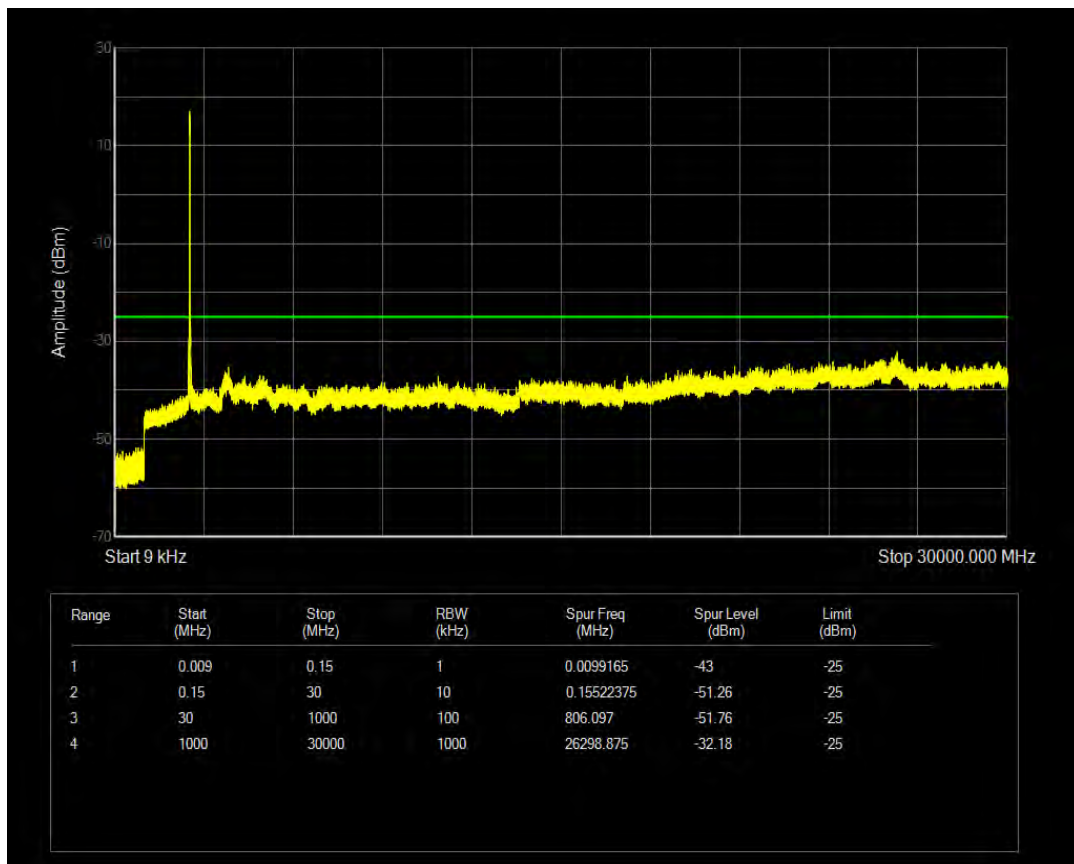
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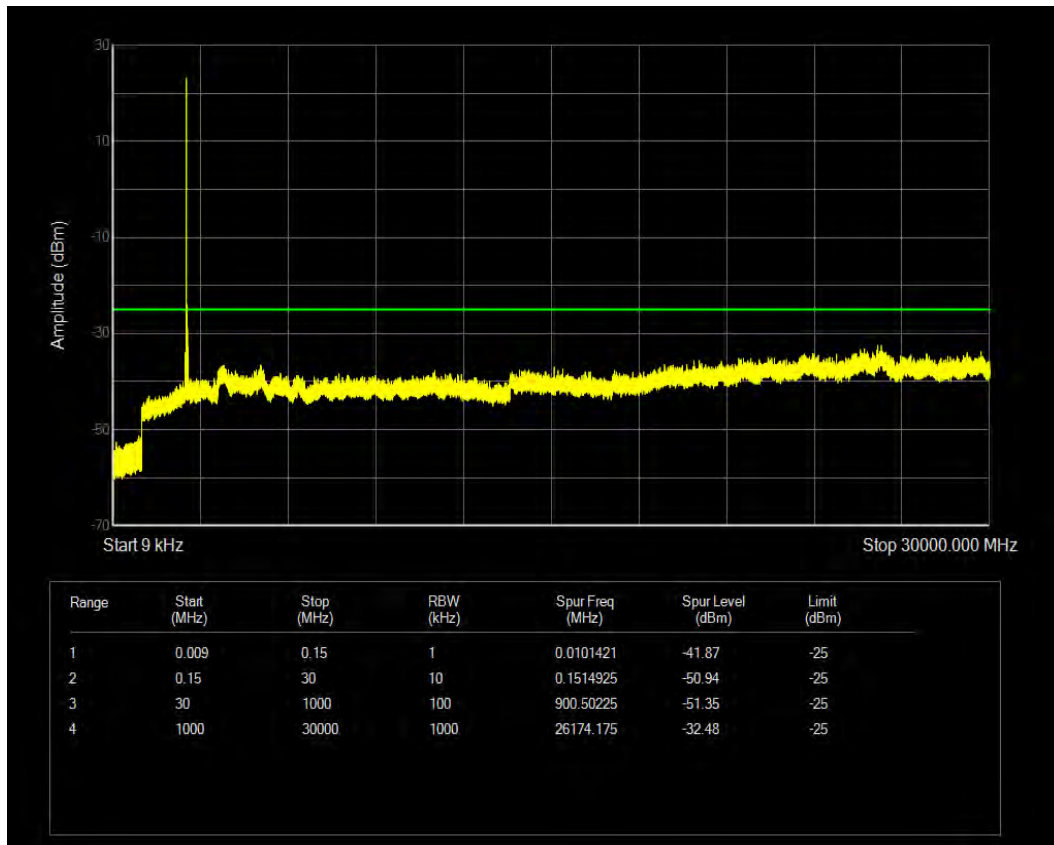
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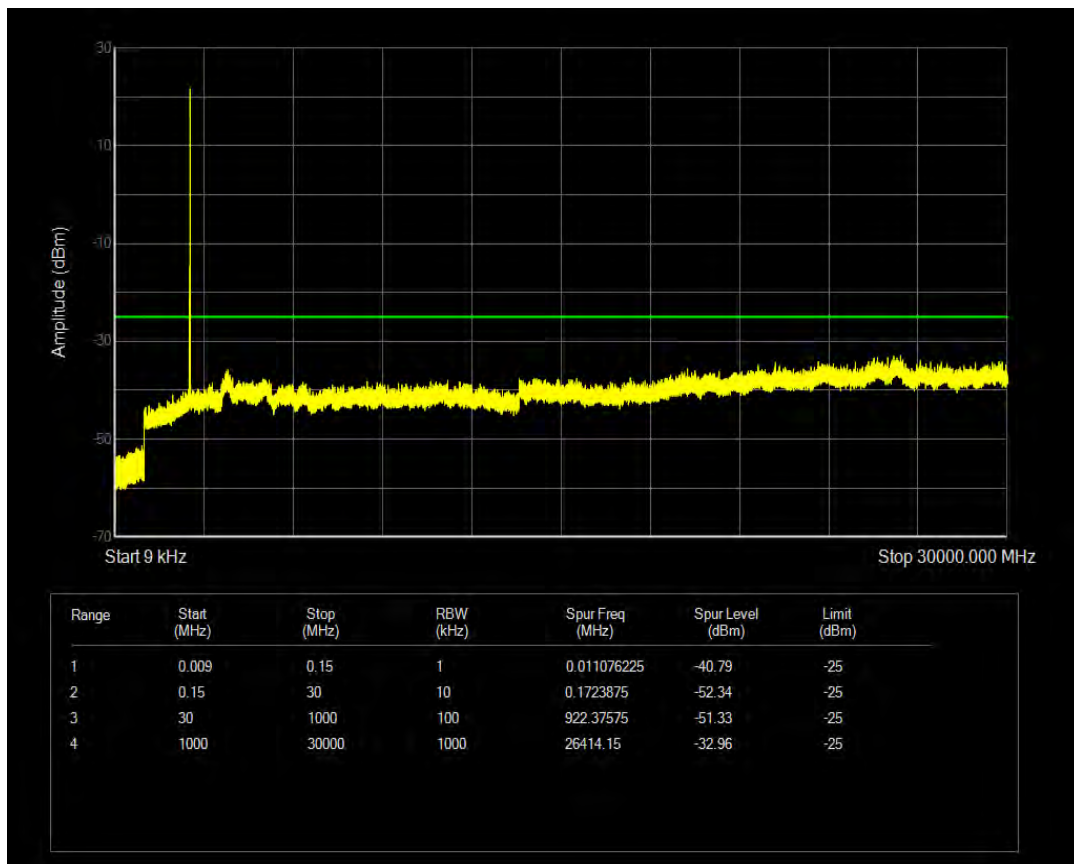
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=507000 RB=100@0



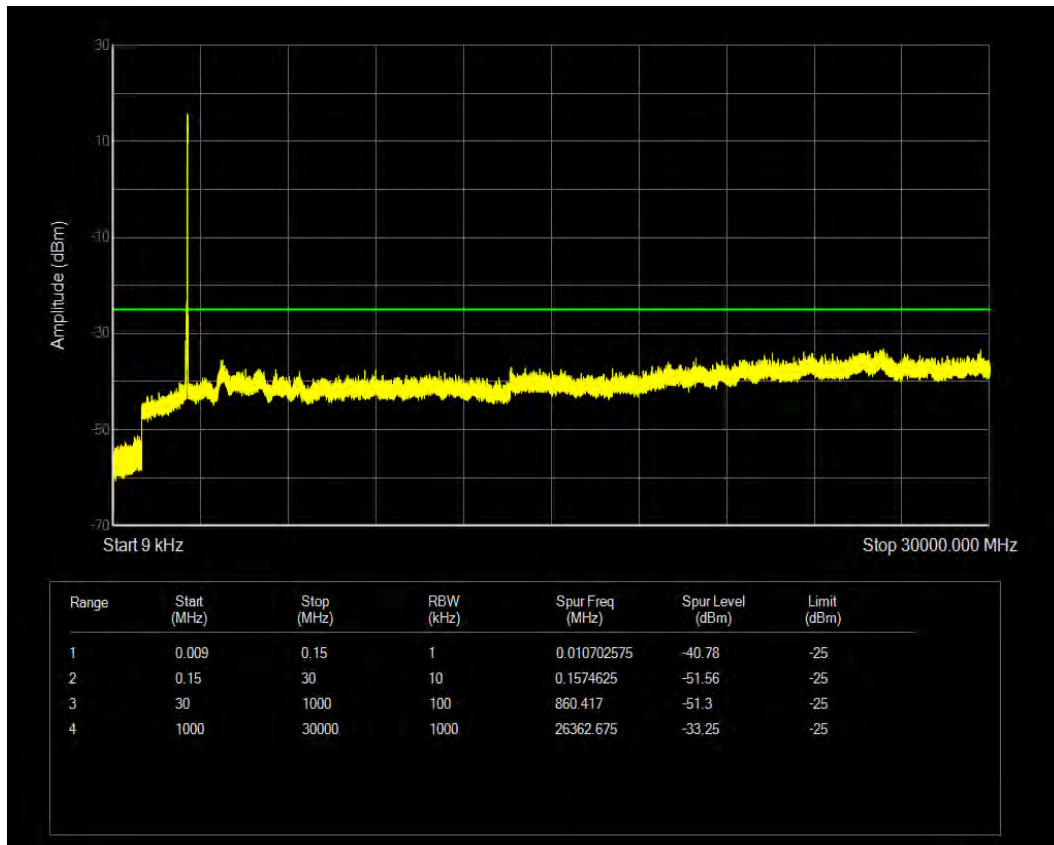
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=507000 RB=1@0



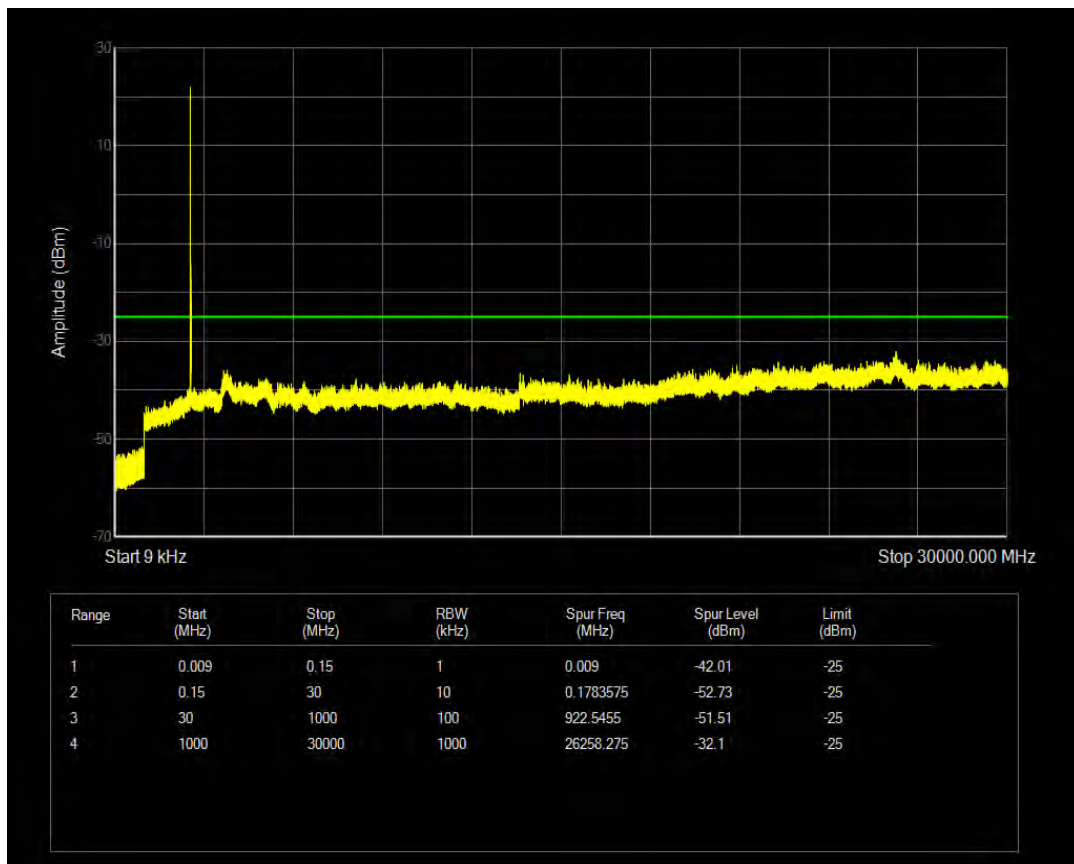
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=507000 RB=1@105



n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=512000 RB=100@0



n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=512000 RB=1@0



n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=512000 RB=1@105

