

Appendix Test Data for 5G-NR n41

1 Conducted output power for NR FR1

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			509202	518598	528000		509202	518598	528000		
			2546.0 10	2592.9 90	2640.0 00		2546.0 10	2592.9 90	2640.0 00		
100	DFT_BPSK	135@67	23.04	23.13	23.70	1.40	24.44	24.53	25.10	33.01	Pass
100	DFT_BPSK	1@1	23.94	23.63	23.07	1.40	25.34	25.03	24.47		Pass
100	DFT_BPSK	1@271	23.58	23.64	23.63	1.40	24.98	25.04	25.03		Pass
100	DFT_QPSK	135@67	23.31	23.26	23.22	1.40	24.71	24.66	24.62		Pass
100	DFT_QPSK	1@1	23.30	23.19	23.14	1.40	24.70	24.59	24.54		Pass
100	DFT_QPSK	1@271	23.39	23.05	23.42	1.40	24.79	24.45	24.82		Pass
100	DFT_QAM16	135@67	22.91	22.32	22.51	1.40	24.31	23.72	23.91		Pass
100	DFT_QAM16	1@1	22.28	22.53	22.87	1.40	23.68	23.93	24.27		Pass
100	DFT_QAM16	1@271	22.06	22.69	22.89	1.40	23.46	24.09	24.29		Pass
100	DFT_QAM64	135@67	21.76	21.44	21.81	1.40	23.16	22.84	23.21		Pass
100	DFT_QAM64	1@1	21.41	21.57	21.63	1.40	22.81	22.97	23.03		Pass
100	DFT_QAM64	1@271	21.29	21.36	21.42	1.40	22.69	22.76	22.82		Pass
100	DFT_QAM256	135@67	19.41	19.60	19.02	1.40	20.81	21.00	20.42		Pass
100	DFT_QAM256	1@1	19.76	19.56	19.83	1.40	21.16	20.96	21.23		Pass
100	DFT_QAM256	1@271	19.52	19.66	19.33	1.40	20.92	21.06	20.73		Pass
100	CP_QPSK	137@68	21.33	21.02	21.78	1.40	22.73	22.42	23.18		Pass
100	CP_QPSK	1@1	21.88	21.43	21.43	1.40	23.28	22.83	22.83		Pass
100	CP_QPSK	1@271	21.69	21.10	21.22	1.40	23.09	22.50	22.62		Pass
100	CP_QAM16	137@68	20.57	20.15	20.82	1.40	21.97	21.55	22.22		Pass
100	CP_QAM16	1@1	20.84	20.55	20.32	1.40	22.24	21.95	21.72		Pass
100	CP_QAM16	1@271	20.04	20.59	20.14	1.40	21.44	21.99	21.54		Pass
100	CP_QAM64	137@68	19.89	19.86	19.42	1.40	21.29	21.26	20.82		Pass
100	CP_QAM64	1@1	19.22	19.71	19.16	1.40	20.62	21.11	20.56		Pass
100	CP_QAM64	1@271	19.42	19.50	19.06	1.40	20.82	20.90	20.46		Pass
100	CP_QAM256	137@68	17.62	17.13	17.31	1.40	19.02	18.53	18.71		Pass
100	CP_QAM256	1@1	17.90	17.88	17.76	1.40	19.30	19.28	19.16		Pass
100	CP_QAM256	1@271	17.86	17.41	17.45	1.40	19.26	18.81	18.85		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			508200	518598	528996		508200	518598	528996		
			2541.0 00	2592.9 90	2644.9 80		2541.0 00	2592.9 90	2644.9 80		
90	DFT_BPSK	120@60	23.69	23.59	23.46	1.40	25.09	24.99	24.86	33.01	Pass
90	DFT_BPSK	1@1	23.04	23.32	23.20	1.40	24.44	24.72	24.60		Pass
90	DFT_BPSK	1@243	23.02	23.04	23.65	1.40	24.42	24.44	25.05		Pass
90	DFT_QPSK	120@60	23.32	23.28	23.11	1.40	24.72	24.68	24.51		Pass
90	DFT_QPSK	1@1	23.24	23.10	23.32	1.40	24.64	24.50	24.72		Pass
90	DFT_QPSK	1@243	23.55	23.05	23.04	1.40	24.95	24.45	24.44		Pass
90	DFT_QAM16	120@60	22.35	22.83	22.38	1.40	23.75	24.23	23.78		Pass
90	DFT_QAM16	1@1	22.70	22.68	22.02	1.40	24.10	24.08	23.42		Pass
90	DFT_QAM16	1@243	22.17	22.33	22.11	1.40	23.57	23.73	23.51		Pass
90	DFT_QAM64	120@60	21.30	21.94	21.02	1.40	22.70	23.34	22.42		Pass
90	DFT_QAM64	1@1	21.31	21.83	21.00	1.40	22.71	23.23	22.40		Pass
90	DFT_QAM64	1@243	21.39	21.37	21.55	1.40	22.79	22.77	22.95		Pass
90	DFT_QAM256	120@60	19.46	19.59	19.22	1.40	20.86	20.99	20.62		Pass
90	DFT_QAM256	1@1	19.37	19.70	19.51	1.40	20.77	21.10	20.91		Pass
90	DFT_QAM256	1@243	19.12	19.80	19.50	1.40	20.52	21.20	20.90		Pass
90	CP_QPSK	123@61	21.27	21.58	21.21	1.40	22.67	22.98	22.61		Pass
90	CP_QPSK	1@1	21.18	21.60	21.82	1.40	22.58	23.00	23.22		Pass
90	CP_QPSK	1@243	21.33	21.11	21.37	1.40	22.73	22.51	22.77		Pass
90	CP_QAM16	123@61	20.93	20.15	20.28	1.40	22.33	21.55	21.68		Pass
90	CP_QAM16	1@1	20.84	20.10	20.40	1.40	22.24	21.50	21.80		Pass
90	CP_QAM16	1@243	20.48	20.70	20.83	1.40	21.88	22.10	22.23		Pass
90	CP_QAM64	123@61	19.29	19.74	19.51	1.40	20.69	21.14	20.91		Pass
90	CP_QAM64	1@1	19.29	19.80	19.15	1.40	20.69	21.20	20.55		Pass
90	CP_QAM64	1@243	19.94	19.12	19.94	1.40	21.34	20.52	21.34		Pass
90	CP_QAM256	123@61	17.43	17.16	17.89	1.40	18.83	18.56	19.29		Pass
90	CP_QAM256	1@1	17.79	17.31	17.23	1.40	19.19	18.71	18.63		Pass
90	CP_QAM256	1@243	17.41	17.53	17.29	1.40	18.81	18.93	18.69		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			507204	518598	529998		507204	518598	529998		
			2536.0 20	2592.9 90	2649.9 90		2536.0 20	2592.9 90	2649.9 90		
80	DFT_BPSK	108@54	23.88	23.42	23.07	1.40	25.28	24.82	24.47	33.01	Pass
80	DFT_BPSK	1@1	23.72	23.46	23.01	1.40	25.12	24.86	24.41		Pass
80	DFT_BPSK	1@215	23.20	23.40	23.18	1.40	24.60	24.80	24.58		Pass
80	DFT_QPSK	108@54	23.30	23.40	23.49	1.40	24.70	24.80	24.89		Pass
80	DFT_QPSK	1@1	23.37	23.39	23.06	1.40	24.77	24.79	24.46		Pass
80	DFT_QPSK	1@215	23.24	23.43	23.18	1.40	24.64	24.83	24.58		Pass
80	DFT_QAM16	108@54	22.60	22.81	22.86	1.40	24.00	24.21	24.26		Pass
80	DFT_QAM16	1@1	22.15	22.08	22.63	1.40	23.55	23.48	24.03		Pass
80	DFT_QAM16	1@215	22.49	22.81	22.51	1.40	23.89	24.21	23.91		Pass
80	DFT_QAM64	108@54	21.35	21.70	21.07	1.40	22.75	23.10	22.47		Pass
80	DFT_QAM64	1@1	21.49	21.62	21.28	1.40	22.89	23.02	22.68		Pass
80	DFT_QAM64	1@215	21.17	21.15	21.29	1.40	22.57	22.55	22.69		Pass
80	DFT_QAM256	108@54	19.29	19.27	19.75	1.40	20.69	20.67	21.15		Pass
80	DFT_QAM256	1@1	19.50	19.26	19.54	1.40	20.90	20.66	20.94		Pass
80	DFT_QAM256	1@215	19.12	19.51	19.70	1.40	20.52	20.91	21.10		Pass
80	CP_QPSK	109@54	21.03	21.16	21.11	1.40	22.43	22.56	22.51		Pass
80	CP_QPSK	1@1	21.04	21.15	21.72	1.40	22.44	22.55	23.12		Pass
80	CP_QPSK	1@215	21.26	21.52	21.31	1.40	22.66	22.92	22.71		Pass
80	CP_QAM16	109@54	20.63	20.48	20.92	1.40	22.03	21.88	22.32		Pass
80	CP_QAM16	1@1	20.84	20.39	20.81	1.40	22.24	21.79	22.21		Pass
80	CP_QAM16	1@215	20.02	20.14	20.69	1.40	21.42	21.54	22.09		Pass
80	CP_QAM64	109@54	19.82	19.48	19.23	1.40	21.22	20.88	20.63		Pass
80	CP_QAM64	1@1	19.54	19.13	19.68	1.40	20.94	20.53	21.08		Pass
80	CP_QAM64	1@215	19.58	19.71	19.07	1.40	20.98	21.11	20.47		Pass
80	CP_QAM256	109@54	17.85	17.68	17.18	1.40	19.25	19.08	18.58		Pass
80	CP_QAM256	1@1	17.13	17.09	17.21	1.40	18.53	18.49	18.61		Pass
80	CP_QAM256	1@215	17.48	17.75	17.23	1.40	18.88	19.15	18.63		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			505200	518598	531996		505200	518598	531996		
			2526.0 00	2592.9 90	2659.9 80		2526.0 00	2592.9 90	2659.9 80		
60	DFT_BPSK	81@40	23.65	23.70	23.24	1.40	25.05	25.10	24.64	33.01	Pass
60	DFT_BPSK	1@1	23.07	23.54	23.66	1.40	24.47	24.94	25.06		Pass
60	DFT_BPSK	1@160	23.40	23.48	23.73	1.40	24.80	24.88	25.13		Pass
60	DFT_QPSK	81@40	23.16	23.28	23.04	1.40	24.56	24.68	24.44		Pass
60	DFT_QPSK	1@1	23.33	23.43	23.28	1.40	24.73	24.83	24.68		Pass
60	DFT_QPSK	1@160	23.15	23.37	23.33	1.40	24.55	24.77	24.73		Pass
60	DFT_QAM16	81@40	22.41	22.26	22.32	1.40	23.81	23.66	23.72		Pass
60	DFT_QAM16	1@1	22.82	22.83	22.16	1.40	24.22	24.23	23.56		Pass
60	DFT_QAM16	1@160	22.92	22.72	22.19	1.40	24.32	24.12	23.59		Pass
60	DFT_QAM64	81@40	21.49	21.89	21.63	1.40	22.89	23.29	23.03		Pass
60	DFT_QAM64	1@1	21.74	21.48	21.15	1.40	23.14	22.88	22.55		Pass
60	DFT_QAM64	1@160	21.76	21.86	21.50	1.40	23.16	23.26	22.90		Pass
60	DFT_QAM256	81@40	19.65	19.58	19.27	1.40	21.05	20.98	20.67		Pass
60	DFT_QAM256	1@1	19.89	19.01	19.43	1.40	21.29	20.41	20.83		Pass
60	DFT_QAM256	1@160	19.89	19.12	19.68	1.40	21.29	20.52	21.08		Pass
60	CP_QPSK	81@40	21.62	21.85	21.60	1.40	23.02	23.25	23.00		Pass
60	CP_QPSK	1@1	21.56	21.55	21.19	1.40	22.96	22.95	22.59		Pass
60	CP_QPSK	1@160	21.13	21.37	21.85	1.40	22.53	22.77	23.25		Pass
60	CP_QAM16	81@40	20.62	20.48	20.83	1.40	22.02	21.88	22.23		Pass
60	CP_QAM16	1@1	20.14	20.40	20.14	1.40	21.54	21.80	21.54		Pass
60	CP_QAM16	1@160	20.24	20.41	20.88	1.40	21.64	21.81	22.28		Pass
60	CP_QAM64	81@40	19.16	19.09	19.42	1.40	20.56	20.49	20.82		Pass
60	CP_QAM64	1@1	19.05	19.25	19.45	1.40	20.45	20.65	20.85		Pass
60	CP_QAM64	1@160	19.09	19.49	19.18	1.40	20.49	20.89	20.58		Pass
60	CP_QAM256	81@40	17.71	17.65	17.06	1.40	19.11	19.05	18.46		Pass
60	CP_QAM256	1@1	17.57	17.56	17.03	1.40	18.97	18.96	18.43		Pass
60	CP_QAM256	1@160	17.01	17.47	17.83	1.40	18.41	18.87	19.23		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			504204	518598	532998		504204	518598	532998		
			2521.0 20	2592.9 90	2664.9 90		2521.0 20	2592.9 90	2664.9 90		
50	DFT_BPSK	64@32	23.44	23.88	23.19	1.40	24.84	25.28	24.59	33.01	Pass
50	DFT_BPSK	1@1	23.10	23.36	23.48	1.40	24.50	24.76	24.88		Pass
50	DFT_BPSK	1@131	23.47	23.17	23.37	1.40	24.87	24.57	24.77		Pass
50	DFT_QPSK	64@32	23.09	23.23	23.54	1.40	24.49	24.63	24.94		Pass
50	DFT_QPSK	1@1	23.33	23.45	23.41	1.40	24.73	24.85	24.81		Pass
50	DFT_QPSK	1@131	23.36	23.04	23.09	1.40	24.76	24.44	24.49		Pass
50	DFT_QAM16	64@32	22.66	22.91	22.84	1.40	24.06	24.31	24.24		Pass
50	DFT_QAM16	1@1	22.70	22.11	22.54	1.40	24.10	23.51	23.94		Pass
50	DFT_QAM16	1@131	22.69	22.86	22.82	1.40	24.09	24.26	24.22		Pass
50	DFT_QAM64	64@32	21.39	21.67	21.07	1.40	22.79	23.07	22.47		Pass
50	DFT_QAM64	1@1	21.37	21.58	21.15	1.40	22.77	22.98	22.55		Pass
50	DFT_QAM64	1@131	21.38	21.49	21.25	1.40	22.78	22.89	22.65		Pass
50	DFT_QAM256	64@32	19.22	19.95	19.86	1.40	20.62	21.35	21.26		Pass
50	DFT_QAM256	1@1	19.14	19.88	19.81	1.40	20.54	21.28	21.21		Pass
50	DFT_QAM256	1@131	19.87	19.47	19.42	1.40	21.27	20.87	20.82		Pass
50	CP_QPSK	67@33	21.88	21.47	21.69	1.40	23.28	22.87	23.09		Pass
50	CP_QPSK	1@1	21.83	21.51	21.92	1.40	23.23	22.91	23.32		Pass
50	CP_QPSK	1@131	21.32	21.38	21.78	1.40	22.72	22.78	23.18		Pass
50	CP_QAM16	67@33	20.64	20.33	20.30	1.40	22.04	21.73	21.70		Pass
50	CP_QAM16	1@1	20.90	20.04	20.93	1.40	22.30	21.44	22.33		Pass
50	CP_QAM16	1@131	20.60	20.09	20.42	1.40	22.00	21.49	21.82		Pass
50	CP_QAM64	67@33	19.24	19.88	19.71	1.40	20.64	21.28	21.11		Pass
50	CP_QAM64	1@1	19.28	19.47	19.70	1.40	20.68	20.87	21.10		Pass
50	CP_QAM64	1@131	19.69	19.17	19.45	1.40	21.09	20.57	20.85		Pass
50	CP_QAM256	67@33	17.35	17.32	17.19	1.40	18.75	18.72	18.59		Pass
50	CP_QAM256	1@1	17.91	17.57	17.35	1.40	19.31	18.97	18.75		Pass
50	CP_QAM256	1@131	17.42	17.18	17.45	1.40	18.82	18.58	18.85		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			502200	518598	534996		502200	518598	534996		
			2511.0 00	2592.9 90	2674.9 80		2511.0 00	2592.9 90	2674.9 80		
30	DFT_BPSK	36@18	23.54	23.30	23.80	1.40	24.94	24.70	25.20	33.01	Pass
30	DFT_BPSK	1@1	23.83	23.40	23.08	1.40	25.23	24.80	24.48		Pass
30	DFT_BPSK	1@76	23.39	23.01	23.38	1.40	24.79	24.41	24.78		Pass
30	DFT_QPSK	36@18	23.51	23.09	23.00	1.40	24.91	24.49	24.40		Pass
30	DFT_QPSK	1@1	23.10	23.30	23.36	1.40	24.50	24.70	24.76		Pass
30	DFT_QPSK	1@76	23.35	23.23	23.38	1.40	24.75	24.63	24.78		Pass
30	DFT_QAM16	36@18	22.93	22.57	22.55	1.40	24.33	23.97	23.95		Pass
30	DFT_QAM16	1@1	22.69	22.39	22.59	1.40	24.09	23.79	23.99		Pass
30	DFT_QAM16	1@76	22.78	22.26	22.23	1.40	24.18	23.66	23.63		Pass
30	DFT_QAM64	36@18	21.91	21.44	21.27	1.40	23.31	22.84	22.67		Pass
30	DFT_QAM64	1@1	21.89	21.10	21.95	1.40	23.29	22.50	23.35		Pass
30	DFT_QAM64	1@76	21.00	21.58	21.56	1.40	22.40	22.98	22.96		Pass
30	DFT_QAM256	36@18	19.22	19.30	19.39	1.40	20.62	20.70	20.79		Pass
30	DFT_QAM256	1@1	19.52	19.46	19.92	1.40	20.92	20.86	21.32		Pass
30	DFT_QAM256	1@76	19.82	19.10	19.74	1.40	21.22	20.50	21.14		Pass
30	CP_QPSK	39@19	21.14	21.82	21.49	1.40	22.54	23.22	22.89		Pass
30	CP_QPSK	1@1	21.36	21.51	21.49	1.40	22.76	22.91	22.89		Pass
30	CP_QPSK	1@76	21.53	21.52	21.43	1.40	22.93	22.92	22.83		Pass
30	CP_QAM16	39@19	20.47	20.62	20.26	1.40	21.87	22.02	21.66		Pass
30	CP_QAM16	1@1	20.31	20.07	20.29	1.40	21.71	21.47	21.69		Pass
30	CP_QAM16	1@76	20.61	20.08	20.27	1.40	22.01	21.48	21.67		Pass
30	CP_QAM64	39@19	19.94	19.64	19.05	1.40	21.34	21.04	20.45		Pass
30	CP_QAM64	1@1	19.85	19.71	19.13	1.40	21.25	21.11	20.53		Pass
30	CP_QAM64	1@76	19.65	19.95	19.30	1.40	21.05	21.35	20.70		Pass
30	CP_QAM256	39@19	17.45	17.74	17.26	1.40	18.85	19.14	18.66		Pass
30	CP_QAM256	1@1	17.79	17.67	17.35	1.40	19.19	19.07	18.75		Pass
30	CP_QAM256	1@76	17.38	17.89	17.07	1.40	18.78	19.29	18.47		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			501204	518598	535998		501204	518598	535998		
			2506.0 20	2592.9 90	2679.9 90		2506.0 20	2592.9 90	2679.9 90		
20	DFT_BPSK	25@12	23.04	23.02	23.54	1.40	24.44	24.42	24.94	33.01	Pass
20	DFT_BPSK	1@1	23.00	23.52	23.20	1.40	24.40	24.92	24.60		Pass
20	DFT_BPSK	1@49	23.25	23.22	23.64	1.40	24.65	24.62	25.04		Pass
20	DFT_QPSK	25@12	23.40	23.31	23.13	1.40	24.80	24.71	24.53		Pass
20	DFT_QPSK	1@1	23.53	23.09	23.01	1.40	24.93	24.49	24.41		Pass
20	DFT_QPSK	1@49	23.32	23.21	23.05	1.40	24.72	24.61	24.45		Pass
20	DFT_QAM16	25@12	22.02	22.53	22.04	1.40	23.42	23.93	23.44		Pass
20	DFT_QAM16	1@1	22.21	22.12	22.37	1.40	23.61	23.52	23.77		Pass
20	DFT_QAM16	1@49	22.03	22.85	22.82	1.40	23.43	24.25	24.22		Pass
20	DFT_QAM64	25@12	21.21	21.42	21.48	1.40	22.61	22.82	22.88		Pass
20	DFT_QAM64	1@1	21.78	21.60	21.82	1.40	23.18	23.00	23.22		Pass
20	DFT_QAM64	1@49	21.55	21.23	21.24	1.40	22.95	22.63	22.64		Pass
20	DFT_QAM256	25@12	19.72	19.47	19.71	1.40	21.12	20.87	21.11		Pass
20	DFT_QAM256	1@1	19.40	19.15	19.08	1.40	20.80	20.55	20.48		Pass
20	DFT_QAM256	1@49	19.38	19.69	19.65	1.40	20.78	21.09	21.05		Pass
20	CP_QPSK	25@12	21.26	21.13	21.93	1.40	22.66	22.53	23.33		Pass
20	CP_QPSK	1@1	21.52	21.62	21.08	1.40	22.92	23.02	22.48		Pass
20	CP_QPSK	1@49	21.21	21.21	21.32	1.40	22.61	22.61	22.72		Pass
20	CP_QAM16	25@12	20.24	20.14	20.62	1.40	21.64	21.54	22.02		Pass
20	CP_QAM16	1@1	20.69	20.28	20.94	1.40	22.09	21.68	22.34		Pass
20	CP_QAM16	1@49	20.57	20.65	20.45	1.40	21.97	22.05	21.85		Pass
20	CP_QAM64	25@12	19.16	19.48	19.23	1.40	20.56	20.88	20.63		Pass
20	CP_QAM64	1@1	19.93	19.81	19.82	1.40	21.33	21.21	21.22		Pass
20	CP_QAM64	1@49	19.78	19.25	19.36	1.40	21.18	20.65	20.76		Pass
20	CP_QAM256	25@12	17.64	17.34	17.92	1.40	19.04	18.74	19.32		Pass
20	CP_QAM256	1@1	17.18	17.56	17.58	1.40	18.58	18.96	18.98		Pass
20	CP_QAM256	1@49	17.72	17.86	17.86	1.40	19.12	19.26	19.26		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			500700	518598	536496		500700	518598	536496		
			2503.5 00	2592.9 90	2682.4 80		2503.5 00	2592.9 90	2682.4 80		
15	DFT_BPSK	18@9	23.12	23.76	23.62	1.40	24.52	25.16	25.02	33.01	Pass
15	DFT_BPSK	1@1	23.91	23.66	23.11	1.40	25.31	25.06	24.51		Pass
15	DFT_BPSK	1@36	23.74	23.83	23.90	1.40	25.14	25.23	25.30		Pass
15	DFT_QPSK	18@9	23.05	23.30	23.40	1.40	24.45	24.70	24.80		Pass
15	DFT_QPSK	1@1	23.12	23.03	23.37	1.40	24.52	24.43	24.77		Pass
15	DFT_QPSK	1@36	23.15	23.42	23.21	1.40	24.55	24.82	24.61		Pass
15	DFT_QAM16	18@9	22.74	22.56	22.56	1.40	24.14	23.96	23.96		Pass
15	DFT_QAM16	1@1	22.14	22.25	22.19	1.40	23.54	23.65	23.59		Pass
15	DFT_QAM16	1@36	22.67	22.87	22.69	1.40	24.07	24.27	24.09		Pass
15	DFT_QAM64	18@9	21.16	21.71	21.55	1.40	22.56	23.11	22.95		Pass
15	DFT_QAM64	1@1	21.92	21.66	21.42	1.40	23.32	23.06	22.82		Pass
15	DFT_QAM64	1@36	21.78	21.39	21.67	1.40	23.18	22.79	23.07		Pass
15	DFT_QAM256	18@9	19.38	19.63	19.48	1.40	20.78	21.03	20.88		Pass
15	DFT_QAM256	1@1	19.23	19.54	19.12	1.40	20.63	20.94	20.52		Pass
15	DFT_QAM256	1@36	19.23	19.94	19.18	1.40	20.63	21.34	20.58		Pass
15	CP_QPSK	19@9	21.46	21.77	21.81	1.40	22.86	23.17	23.21		Pass
15	CP_QPSK	1@1	21.83	21.03	21.58	1.40	23.23	22.43	22.98		Pass
15	CP_QPSK	1@36	21.54	21.62	21.10	1.40	22.94	23.02	22.50		Pass
15	CP_QAM16	19@9	20.73	20.94	20.43	1.40	22.13	22.34	21.83		Pass
15	CP_QAM16	1@1	20.47	20.31	20.18	1.40	21.87	21.71	21.58		Pass
15	CP_QAM16	1@36	20.39	20.39	20.43	1.40	21.79	21.79	21.83		Pass
15	CP_QAM64	19@9	19.72	19.09	19.20	1.40	21.12	20.49	20.60		Pass
15	CP_QAM64	1@1	19.14	19.60	19.58	1.40	20.54	21.00	20.98		Pass
15	CP_QAM64	1@36	19.65	19.05	19.88	1.40	21.05	20.45	21.28		Pass
15	CP_QAM256	19@9	17.15	17.43	17.75	1.40	18.55	18.83	19.15		Pass
15	CP_QAM256	1@1	17.69	17.03	17.36	1.40	19.09	18.43	18.76		Pass
15	CP_QAM256	1@36	17.35	17.17	17.75	1.40	18.75	18.57	19.15		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			500202	518598	537000		500202	518598	537000		
			2501.0	2592.9	2685.0		2501.0	2592.9	2685.0		
			10	90	00		10	90	00		
10	DFT_BPSK	12@6	23.55	23.04	23.49	1.40	24.95	24.44	24.89	33.01	Pass
10	DFT_BPSK	1@1	23.77	23.46	23.44	1.40	25.17	24.86	24.84		Pass
10	DFT_BPSK	1@22	23.12	23.53	23.71	1.40	24.52	24.93	25.11		Pass
10	DFT_QPSK	12@6	23.45	23.26	23.33	1.40	24.85	24.66	24.73		Pass
10	DFT_QPSK	1@1	23.27	23.21	23.50	1.40	24.67	24.61	24.90		Pass
10	DFT_QPSK	1@22	23.04	23.52	23.27	1.40	24.44	24.92	24.67		Pass
10	DFT_QAM16	12@6	22.81	22.35	22.69	1.40	24.21	23.75	24.09		Pass
10	DFT_QAM16	1@1	22.81	22.62	22.11	1.40	24.21	24.02	23.51		Pass
10	DFT_QAM16	1@22	22.58	22.65	22.37	1.40	23.98	24.05	23.77		Pass
10	DFT_QAM64	12@6	21.76	21.84	21.28	1.40	23.16	23.24	22.68		Pass
10	DFT_QAM64	1@1	21.28	21.03	21.51	1.40	22.68	22.43	22.91		Pass
10	DFT_QAM64	1@22	21.73	21.21	21.64	1.40	23.13	22.61	23.04		Pass
10	DFT_QAM256	12@6	19.76	19.58	19.64	1.40	21.16	20.98	21.04		Pass
10	DFT_QAM256	1@1	19.88	19.89	19.94	1.40	21.28	21.29	21.34		Pass
10	DFT_QAM256	1@22	19.85	19.07	19.13	1.40	21.25	20.47	20.53		Pass
10	CP_QPSK	12@6	21.20	21.54	21.68	1.40	22.60	22.94	23.08		Pass
10	CP_QPSK	1@1	21.62	21.27	21.37	1.40	23.02	22.67	22.77		Pass
10	CP_QPSK	1@22	21.14	21.21	21.92	1.40	22.54	22.61	23.32		Pass
10	CP_QAM16	12@6	20.86	20.03	20.48	1.40	22.26	21.43	21.88		Pass
10	CP_QAM16	1@1	20.37	20.55	20.49	1.40	21.77	21.95	21.89		Pass
10	CP_QAM16	1@22	20.56	20.59	20.21	1.40	21.96	21.99	21.61		Pass
10	CP_QAM64	12@6	19.22	19.53	19.13	1.40	20.62	20.93	20.53		Pass
10	CP_QAM64	1@1	19.36	19.37	19.53	1.40	20.76	20.77	20.93		Pass
10	CP_QAM64	1@22	19.46	19.76	19.20	1.40	20.86	21.16	20.60		Pass
10	CP_QAM256	12@6	17.71	17.35	17.17	1.40	19.11	18.75	18.57		Pass
10	CP_QAM256	1@1	17.65	17.71	17.10	1.40	19.05	19.11	18.50		Pass
10	CP_QAM256	1@22	17.68	17.92	17.87	1.40	19.08	19.32	19.27		Pass

NR Band n41 SCS 30KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			503202	518598	534000		503202	518598	534000		
			2516.0	2592.9	2670.0		2516.0	2592.9	2670.0		
			10	90	00		10	90	00		
40	DFT_BPSK	50@25	23.41	23.63	23.11	1.40	24.81	25.03	24.51	33.01	Pass
40	DFT_BPSK	1@1	23.54	23.51	23.27	1.40	24.94	24.91	24.67		Pass
40	DFT_BPSK	1@104	23.36	23.54	23.75	1.40	24.76	24.94	25.15		Pass
40	DFT_QPSK	50@25	23.32	23.08	23.52	1.40	24.72	24.48	24.92		Pass
40	DFT_QPSK	1@1	23.52	23.33	23.38	1.40	24.92	24.73	24.78		Pass
40	DFT_QPSK	1@104	23.19	23.21	23.51	1.40	24.59	24.61	24.91		Pass
40	DFT_QAM16	50@25	22.27	22.65	22.87	1.40	23.67	24.05	24.27		Pass
40	DFT_QAM16	1@1	22.59	22.53	22.08	1.40	23.99	23.93	23.48		Pass
40	DFT_QAM16	1@104	22.37	22.81	22.79	1.40	23.77	24.21	24.19		Pass
40	DFT_QAM64	50@25	21.85	21.23	21.52	1.40	23.25	22.63	22.92		Pass
40	DFT_QAM64	1@1	21.78	21.55	21.65	1.40	23.18	22.95	23.05		Pass
40	DFT_QAM64	1@104	21.82	21.61	21.81	1.40	23.22	23.01	23.21		Pass
40	DFT_QAM256	50@25	19.45	19.61	19.46	1.40	20.85	21.01	20.86		Pass
40	DFT_QAM256	1@1	19.64	19.60	19.16	1.40	21.04	21.00	20.56		Pass
40	DFT_QAM256	1@104	19.52	19.57	19.33	1.40	20.92	20.97	20.73		Pass
40	CP_QPSK	53@26	21.20	21.89	21.00	1.40	22.60	23.29	22.40		Pass
40	CP_QPSK	1@1	21.17	21.86	21.95	1.40	22.57	23.26	23.35		Pass
40	CP_QPSK	1@104	21.03	21.88	21.57	1.40	22.43	23.28	22.97		Pass
40	CP_QAM16	53@26	20.08	20.63	20.60	1.40	21.48	22.03	22.00		Pass
40	CP_QAM16	1@1	20.67	20.87	20.71	1.40	22.07	22.27	22.11		Pass
40	CP_QAM16	1@104	20.78	20.51	20.56	1.40	22.18	21.91	21.96		Pass
40	CP_QAM64	53@26	19.58	19.89	19.59	1.40	20.98	21.29	20.99		Pass
40	CP_QAM64	1@1	19.49	19.79	19.08	1.40	20.89	21.19	20.48		Pass
40	CP_QAM64	1@104	19.18	19.44	19.86	1.40	20.58	20.84	21.26		Pass
40	CP_QAM256	53@26	17.05	17.29	17.88	1.40	18.45	18.69	19.28		Pass
40	CP_QAM256	1@1	17.80	17.47	17.09	1.40	19.20	18.87	18.49		Pass
40	CP_QAM256	1@104	17.35	17.85	17.72	1.40	18.75	19.25	19.12		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
n41	30	100	518598	135@67	DFT_BPSK	3.85	-0.16	0.000	Within authorized band for 5G NR n41	PASS
n41	30	100	518598	135@67	DFT_BPSK	3.27	5.90	0.002		PASS
n41	30	100	518598	135@67	DFT_BPSK	4.43	-7.43	-0.003		PASS
n41	30	100	518598	135@67	DFT_QPSK	3.85	-3.38	-0.001		PASS
n41	30	100	518598	135@67	DFT_QPSK	3.27	-3.35	-0.001		PASS
n41	30	100	518598	135@67	DFT_QPSK	4.43	6.36	0.002		PASS

Note: Only the worst case shown in the report.

NV:

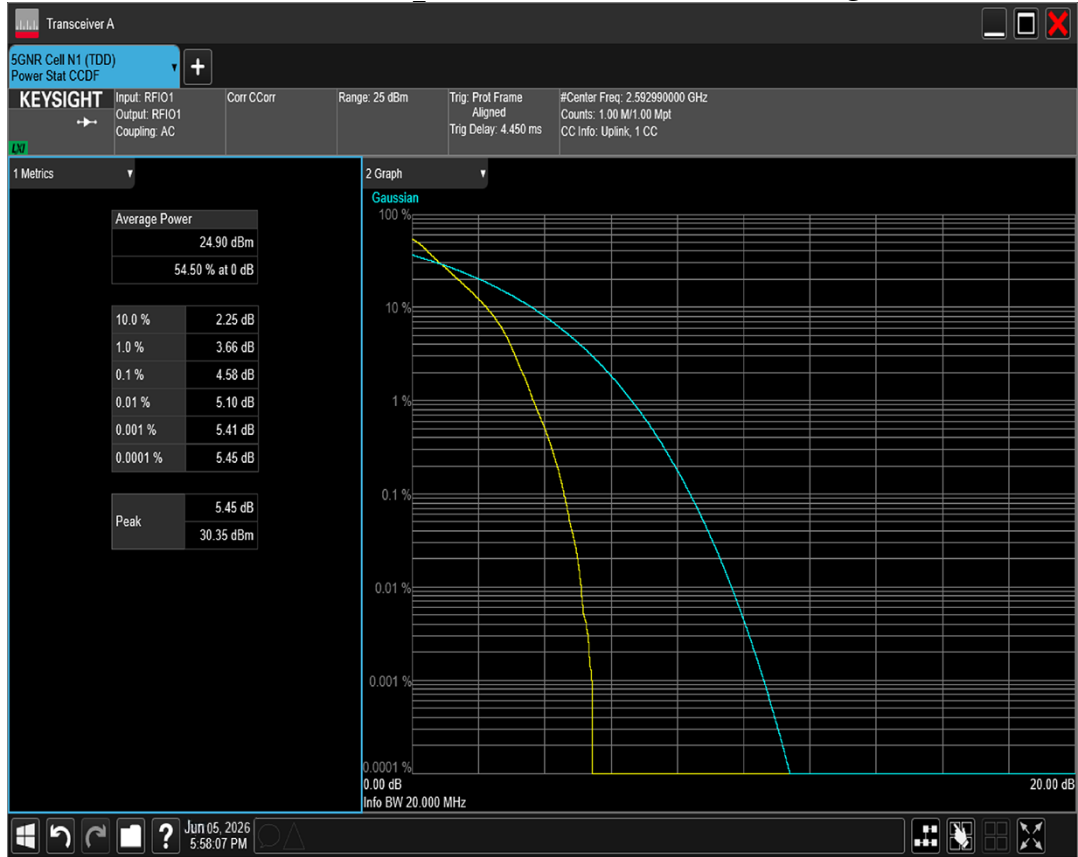
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n41	30	100	518598	135@67	DFT_BPSK	-30	7.52	0.003	Within authorized band for 5G NR n41	PASS
n41	30	100	518598	135@67	DFT_BPSK	-20	3.86	0.001		PASS
n41	30	100	518598	135@67	DFT_BPSK	-10	9.93	0.004		PASS
n41	30	100	518598	135@67	DFT_BPSK	0	-3.15	-0.001		PASS
n41	30	100	518598	135@67	DFT_BPSK	10	3.46	0.001		PASS
n41	30	100	518598	135@67	DFT_BPSK	20	-7.17	-0.003		PASS
n41	30	100	518598	135@67	DFT_BPSK	30	1.24	0.000		PASS
n41	30	100	518598	135@67	DFT_BPSK	40	-4.89	-0.002		PASS
n41	30	100	518598	135@67	DFT_BPSK	50	7.58	0.003		PASS
n41	30	100	518598	135@67	DFT_QPSK	-30	-3.38	-0.001		PASS
n41	30	100	518598	135@67	DFT_QPSK	-20	3.13	0.001		PASS
n41	30	100	518598	135@67	DFT_QPSK	-10	7.70	0.003		PASS
n41	30	100	518598	135@67	DFT_QPSK	0	8.17	0.003		PASS
n41	30	100	518598	135@67	DFT_QPSK	10	-3.90	-0.002		PASS
n41	30	100	518598	135@67	DFT_QPSK	20	-7.31	-0.003		PASS

3 Peak-to-Average Ratio for NR FR1

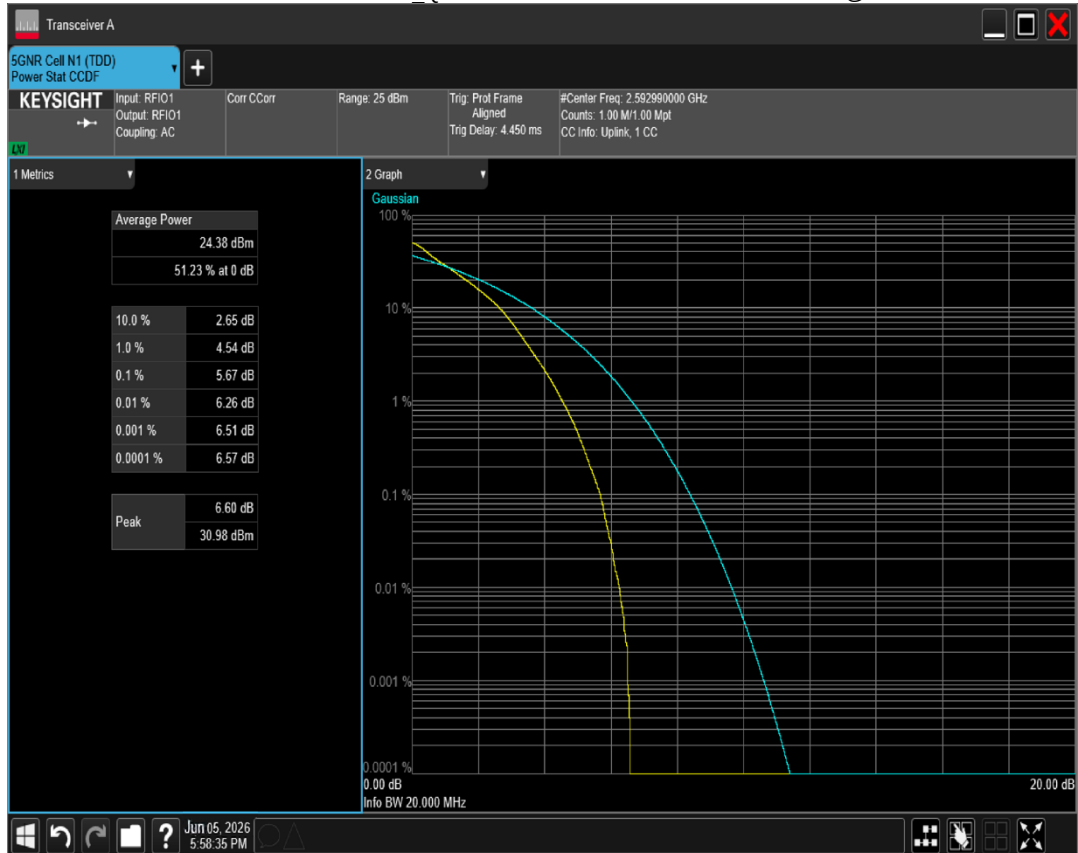
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n41	30	10	518598	24@0	DFT_BPSK	4.58	13	PASS
n41	30	10	518598	24@0	DFT_QPSK	5.67	13	PASS
n41	30	10	518598	24@0	DFT_QAM16	6.36	13	PASS
n41	30	10	518598	24@0	DFT_QAM64	6.68	13	PASS
n41	30	10	518598	24@0	DFT_QAM256	7.10	13	PASS
n41	30	15	518598	36@0	DFT_BPSK	4.55	13	PASS
n41	30	15	518598	36@0	DFT_QPSK	5.60	13	PASS
n41	30	15	518598	36@0	DFT_QAM16	6.42	13	PASS
n41	30	15	518598	36@0	DFT_QAM64	6.63	13	PASS
n41	30	15	518598	36@0	DFT_QAM256	7.22	13	PASS
n41	30	20	518598	50@0	DFT_BPSK	4.59	13	PASS
n41	30	20	518598	50@0	DFT_QPSK	5.75	13	PASS
n41	30	20	518598	50@0	DFT_QAM16	6.46	13	PASS
n41	30	20	518598	50@0	DFT_QAM64	6.74	13	PASS
n41	30	20	518598	50@0	DFT_QAM256	7.07	13	PASS
n41	30	30	518598	75@0	DFT_BPSK	4.92	13	PASS
n41	30	30	518598	75@0	DFT_QPSK	5.73	13	PASS
n41	30	30	518598	75@0	DFT_QAM16	6.42	13	PASS
n41	30	30	518598	75@0	DFT_QAM64	6.77	13	PASS
n41	30	30	518598	75@0	DFT_QAM256	7.03	13	PASS
n41	30	40	518598	100@0	DFT_BPSK	4.52	13	PASS
n41	30	40	518598	100@0	DFT_QPSK	5.62	13	PASS
n41	30	40	518598	100@0	DFT_QAM16	6.49	13	PASS
n41	30	40	518598	100@0	DFT_QAM64	6.68	13	PASS
n41	30	40	518598	100@0	DFT_QAM256	7.10	13	PASS
n41	30	50	518598	128@0	DFT_BPSK	5.10	13	PASS
n41	30	50	518598	128@0	DFT_QPSK	5.68	13	PASS
n41	30	50	518598	128@0	DFT_QAM16	6.54	13	PASS
n41	30	50	518598	128@0	DFT_QAM64	6.67	13	PASS
n41	30	50	518598	128@0	DFT_QAM256	7.05	13	PASS
n41	30	60	518598	162@0	DFT_BPSK	4.83	13	PASS
n41	30	60	518598	162@0	DFT_QPSK	5.75	13	PASS
n41	30	60	518598	162@0	DFT_QAM16	6.49	13	PASS
n41	30	60	518598	162@0	DFT_QAM64	6.71	13	PASS
n41	30	60	518598	162@0	DFT_QAM256	7.11	13	PASS
n41	30	80	518598	216@0	DFT_BPSK	5.11	13	PASS
n41	30	80	518598	216@0	DFT_QPSK	5.73	13	PASS
n41	30	80	518598	216@0	DFT_QAM16	6.51	13	PASS
n41	30	80	518598	216@0	DFT_QAM64	6.70	13	PASS
n41	30	80	518598	216@0	DFT_QAM256	6.96	13	PASS
n41	30	90	518598	240@0	DFT_BPSK	4.40	13	PASS
n41	30	90	518598	240@0	DFT_QPSK	5.53	13	PASS

n41	30	90	518598	240@0	DFT_QAM16	6.33	13	PASS
n41	30	90	518598	240@0	DFT_QAM64	6.79	13	PASS
n41	30	90	518598	240@0	DFT_QAM256	7.33	13	PASS
n41	30	100	518598	270@0	DFT_BPSK	4.58	13	PASS
n41	30	100	518598	270@0	DFT_QPSK	5.52	13	PASS
n41	30	100	518598	270@0	DFT_QAM16	6.36	13	PASS
n41	30	100	518598	270@0	DFT_QAM64	6.77	13	PASS
n41	30	100	518598	270@0	DFT_QAM256	7.23	13	PASS

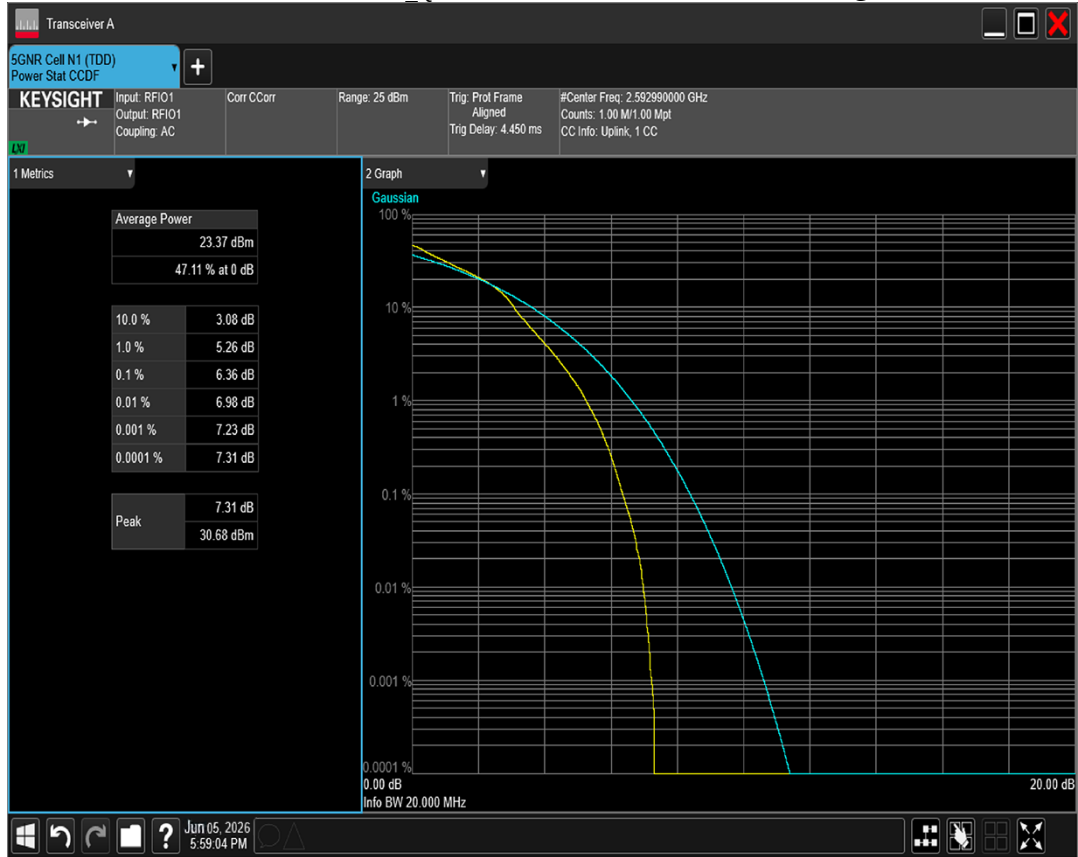
n41 SCS=30kHz DFT_BPSK BW=10MHz Channel=518598 RB=24@0



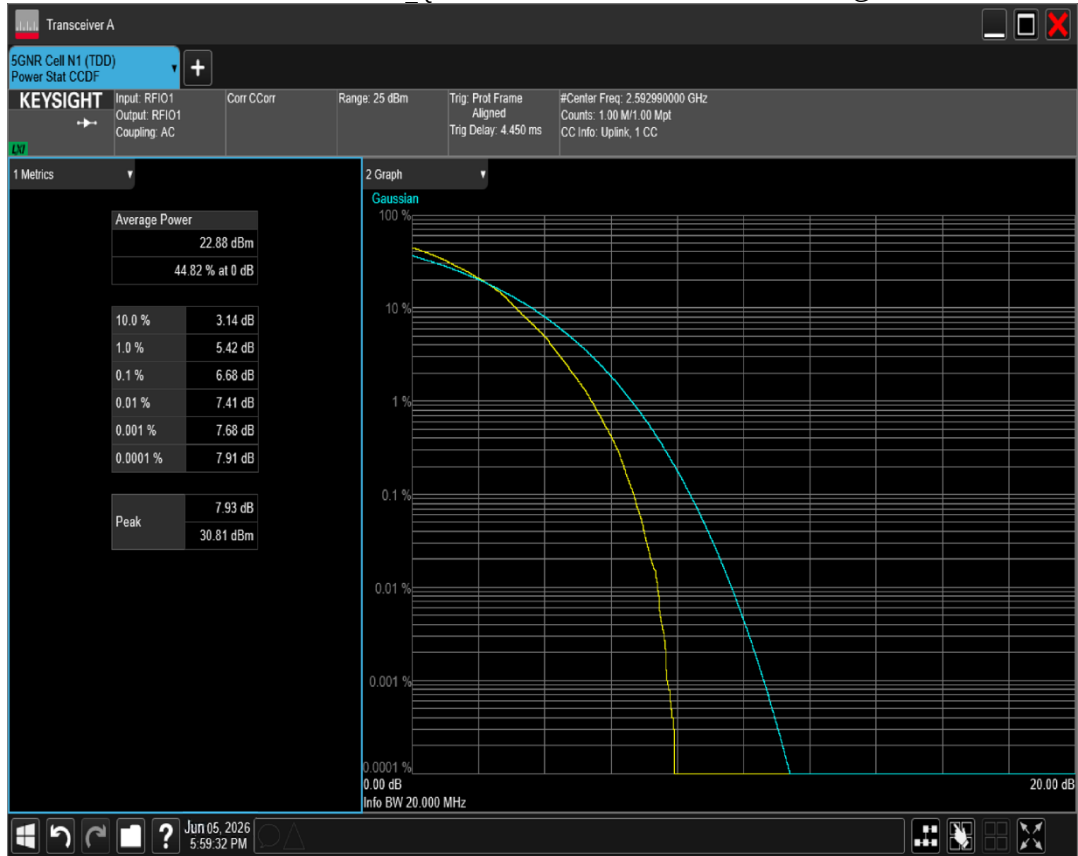
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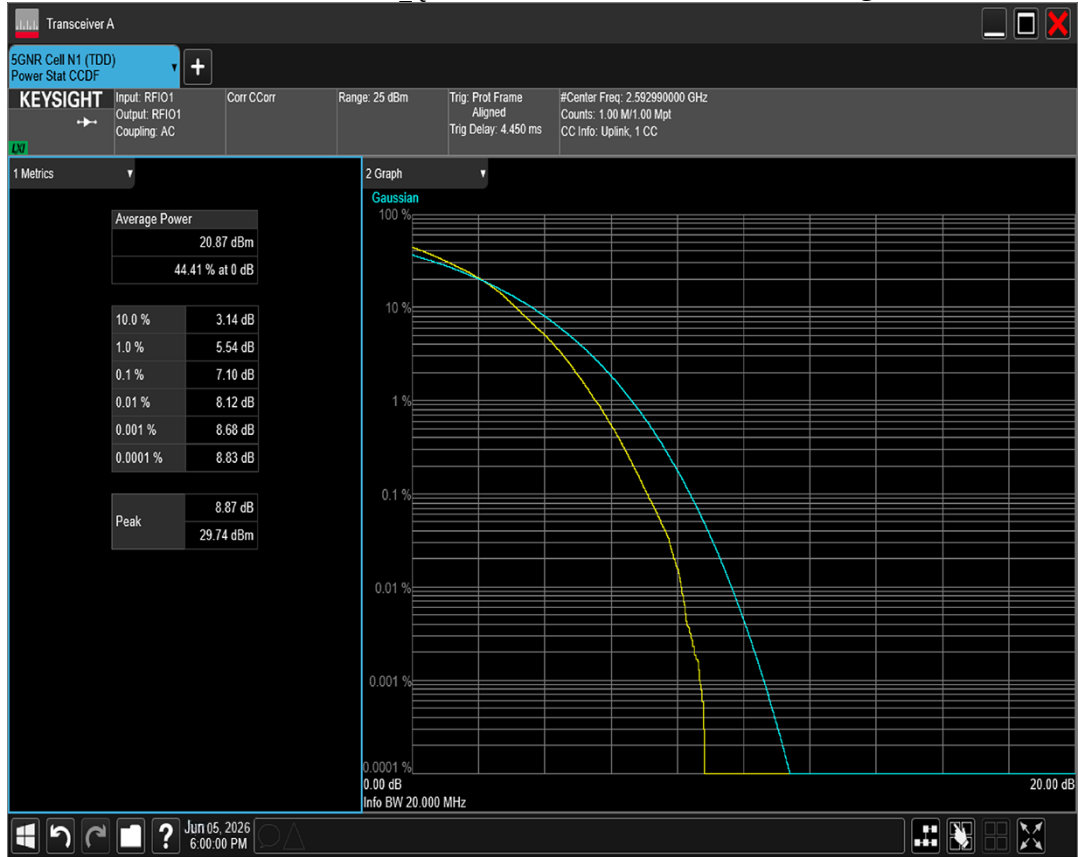
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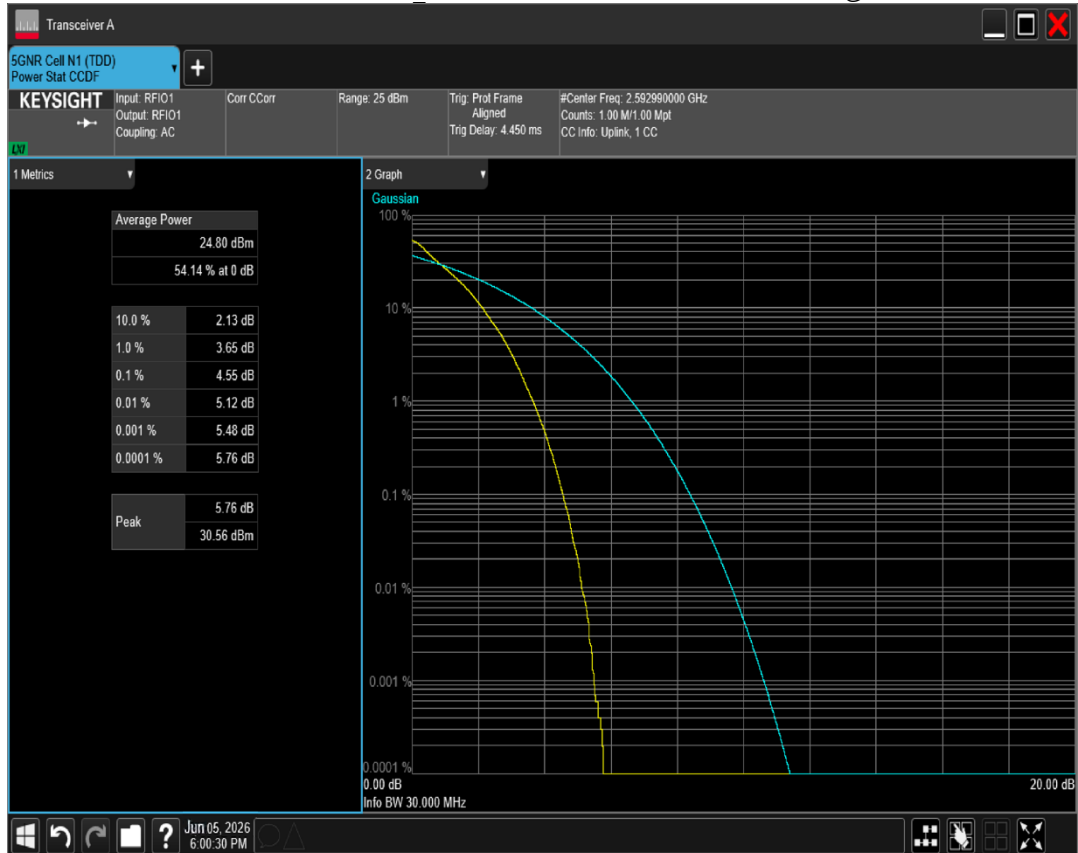
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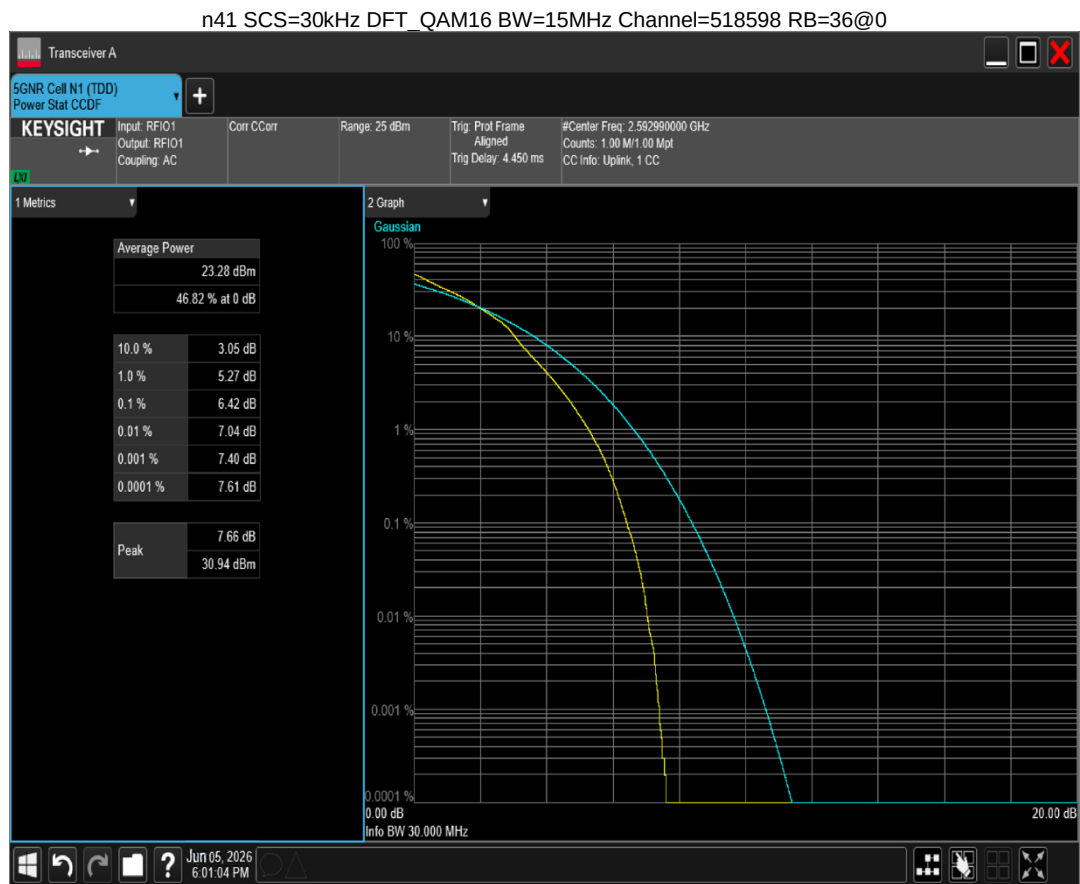
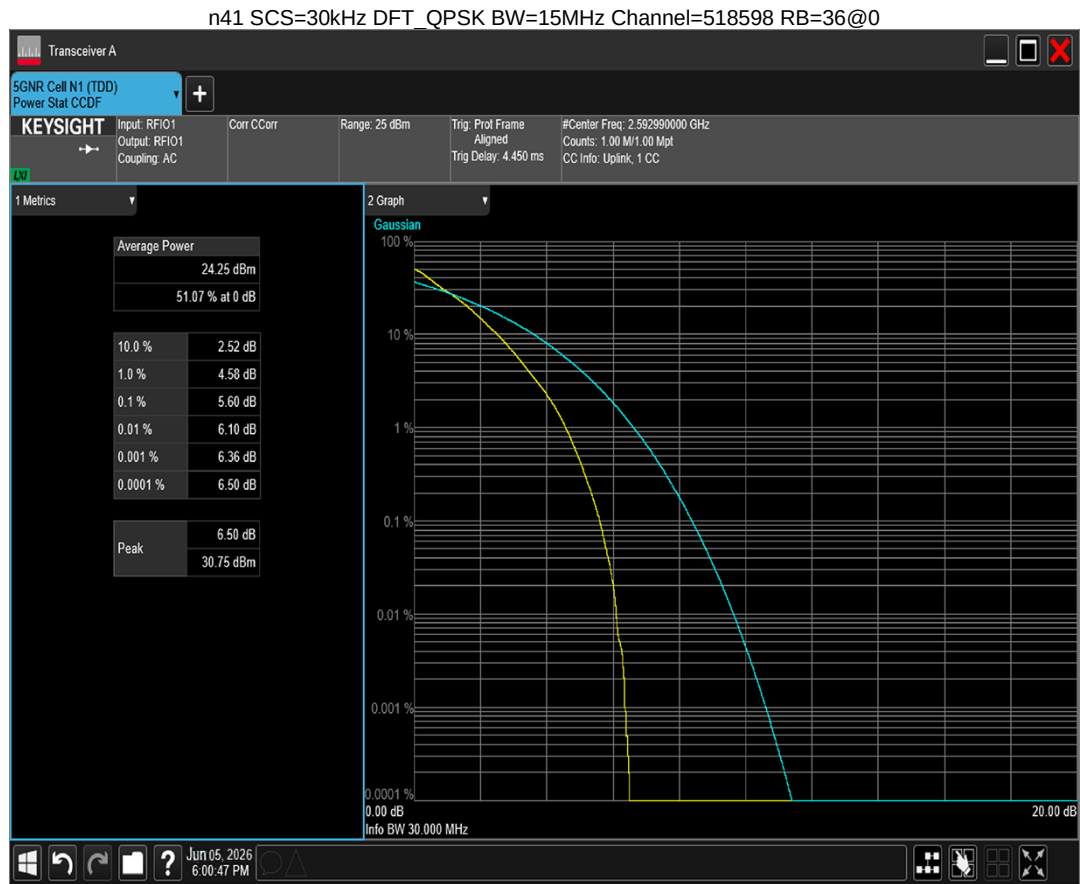


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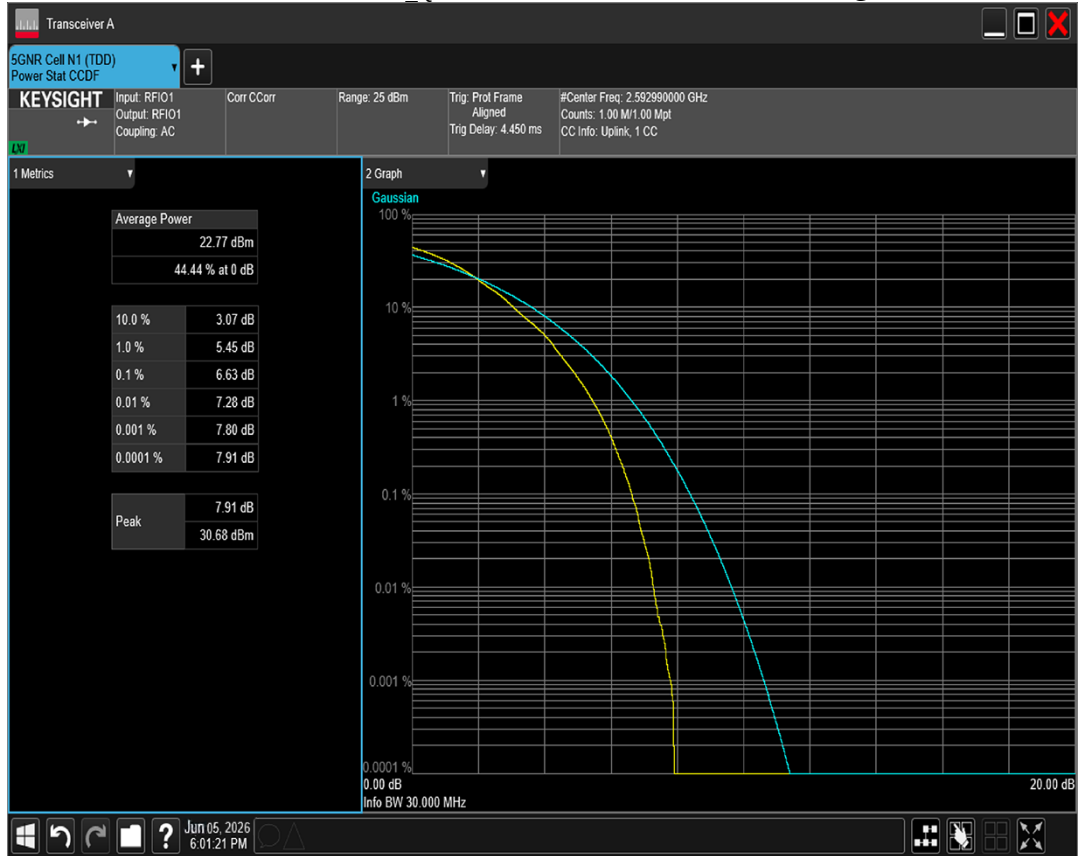


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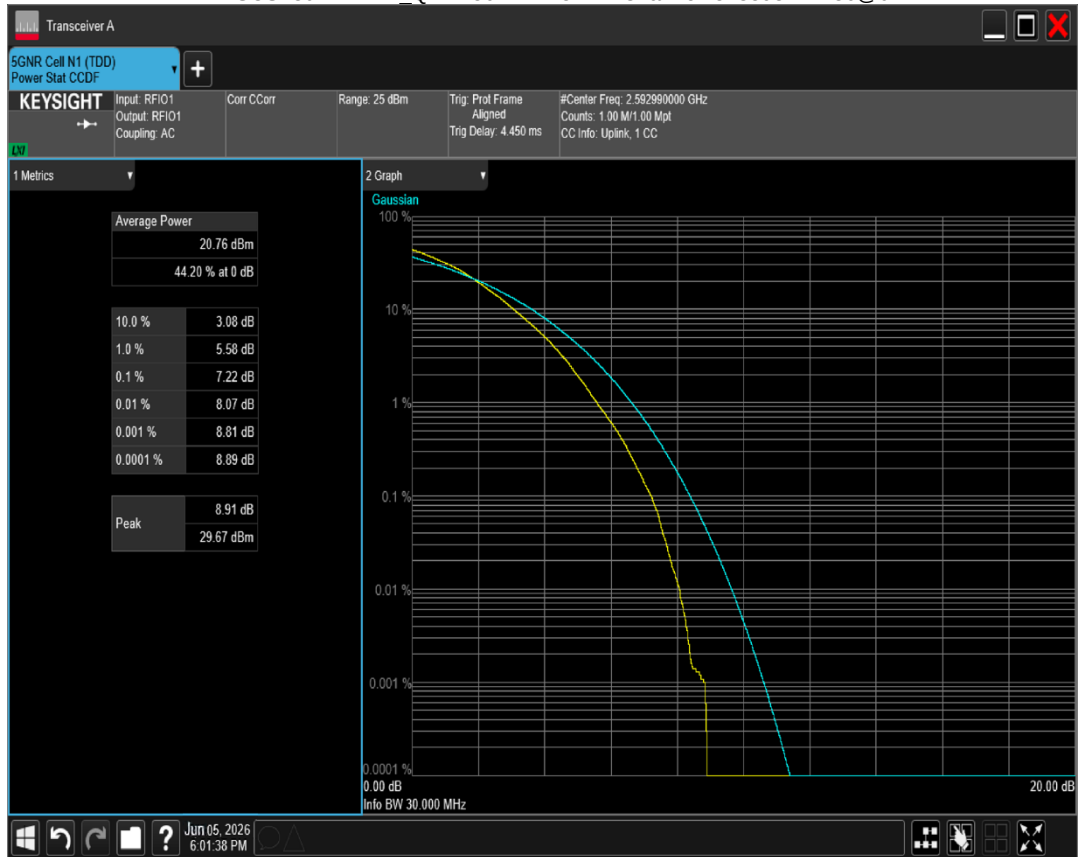




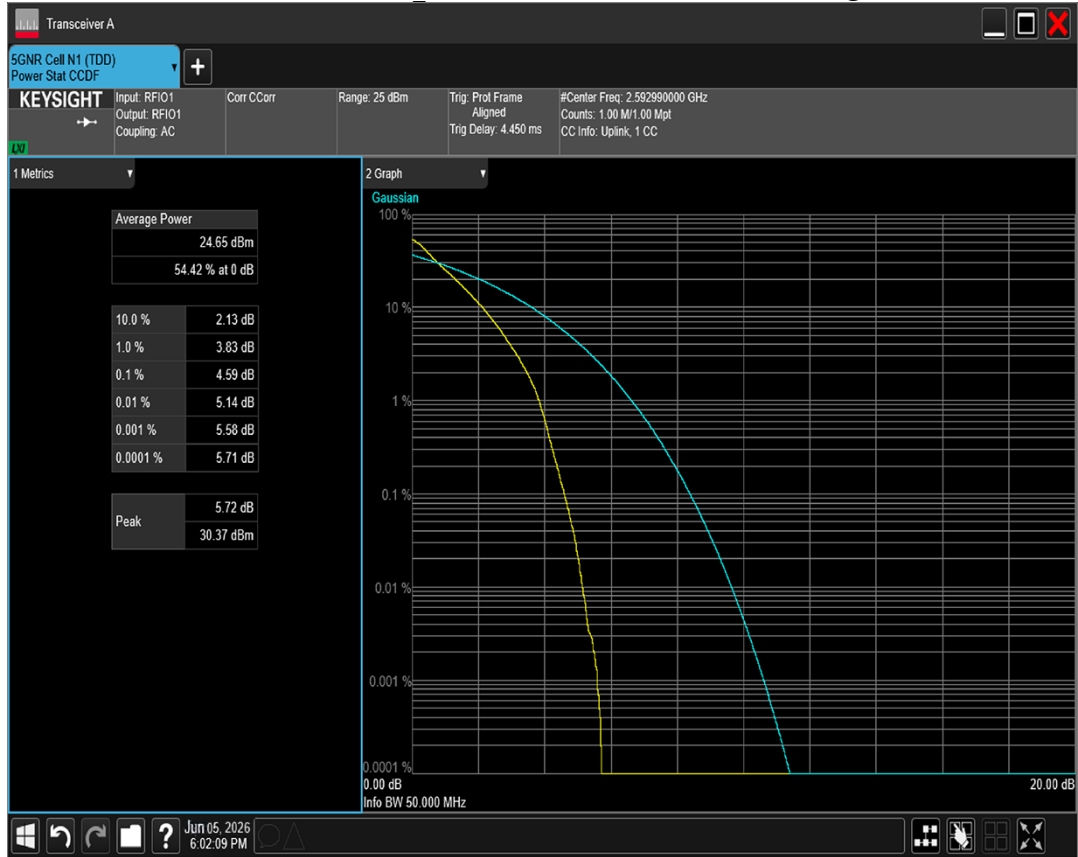
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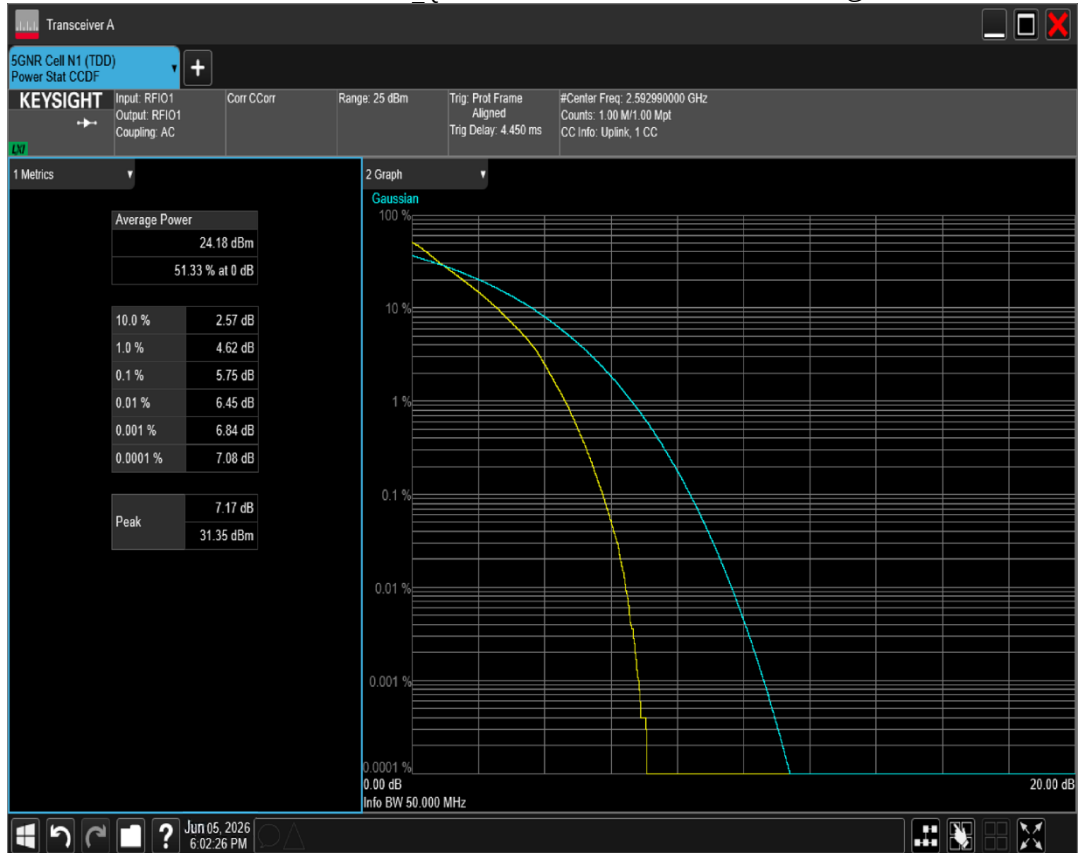
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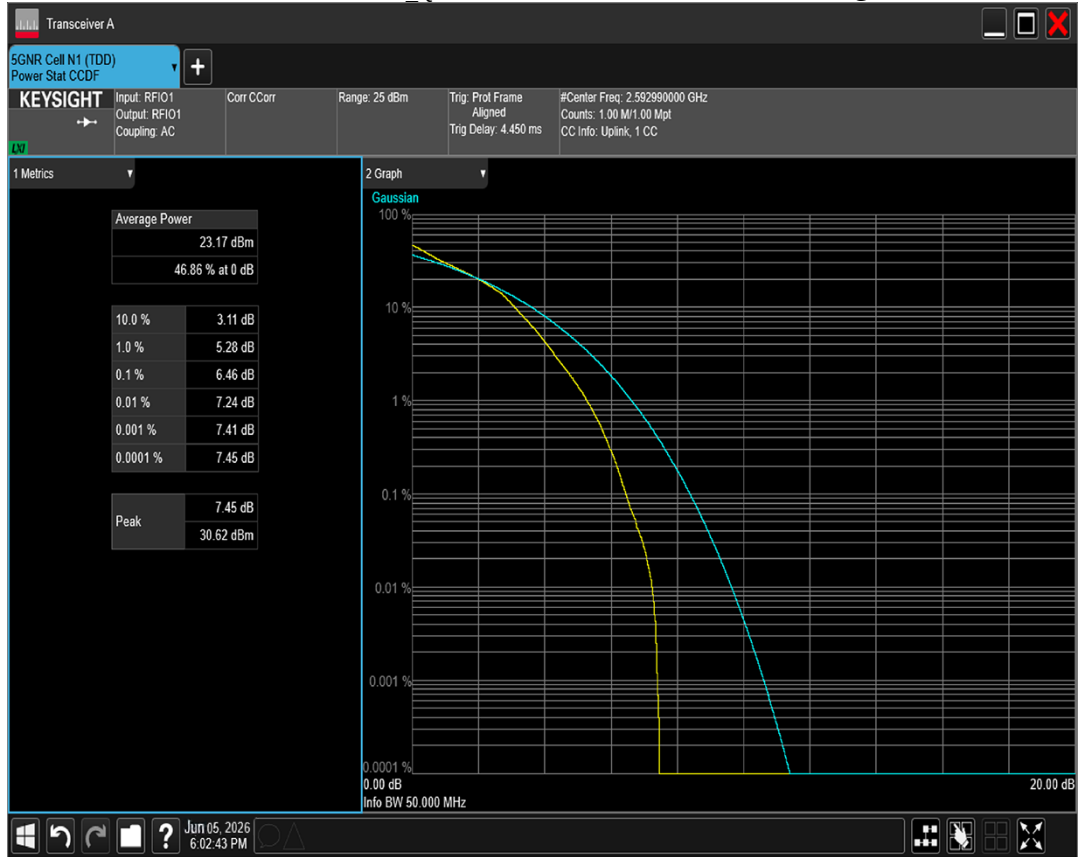
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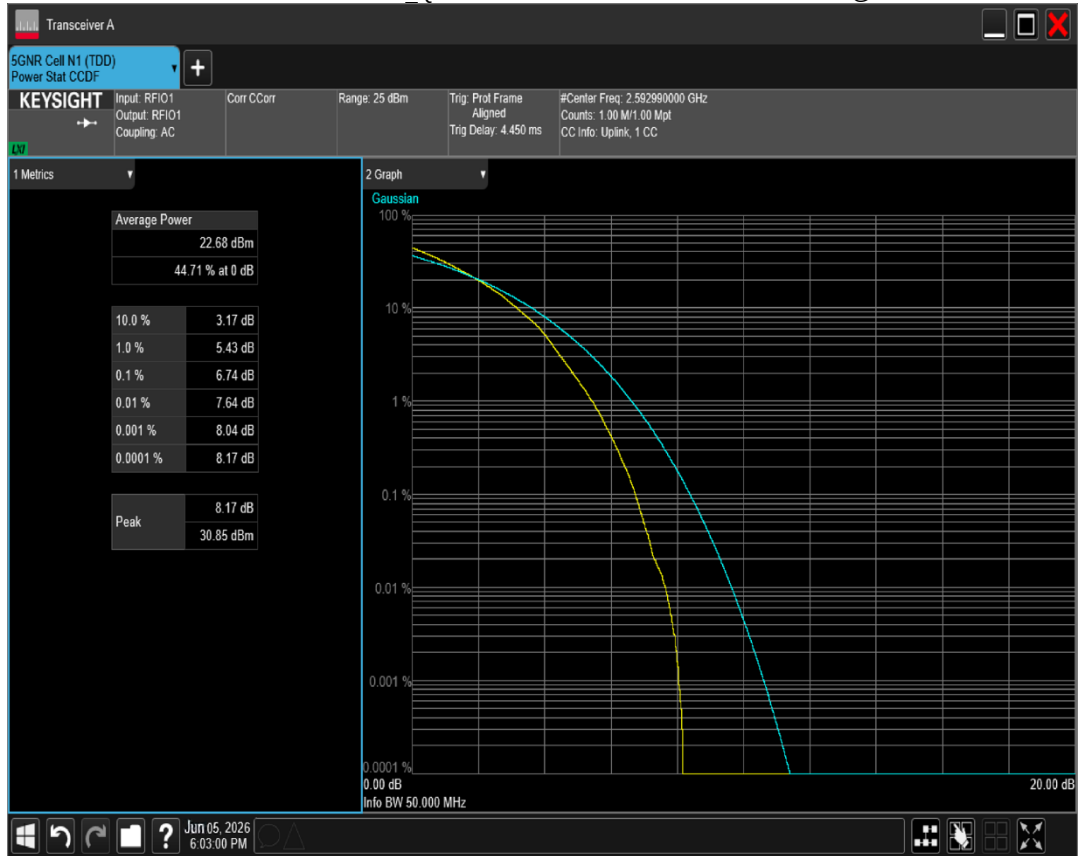
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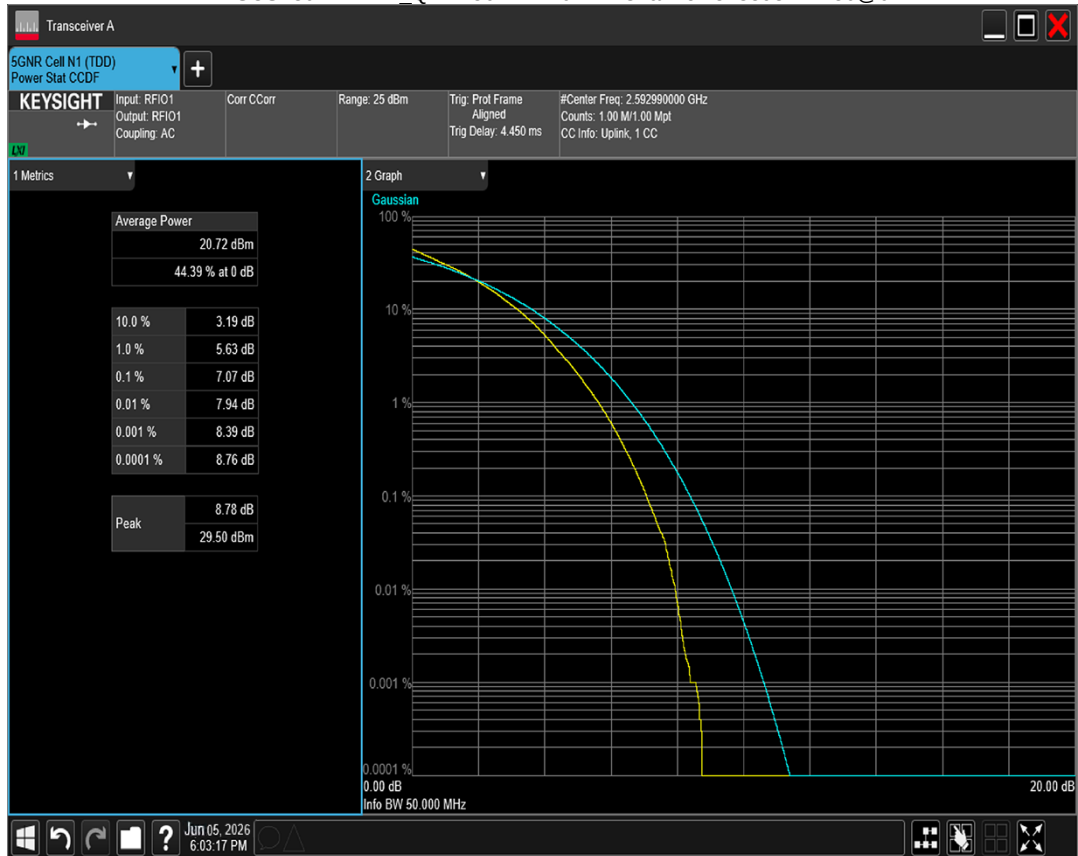
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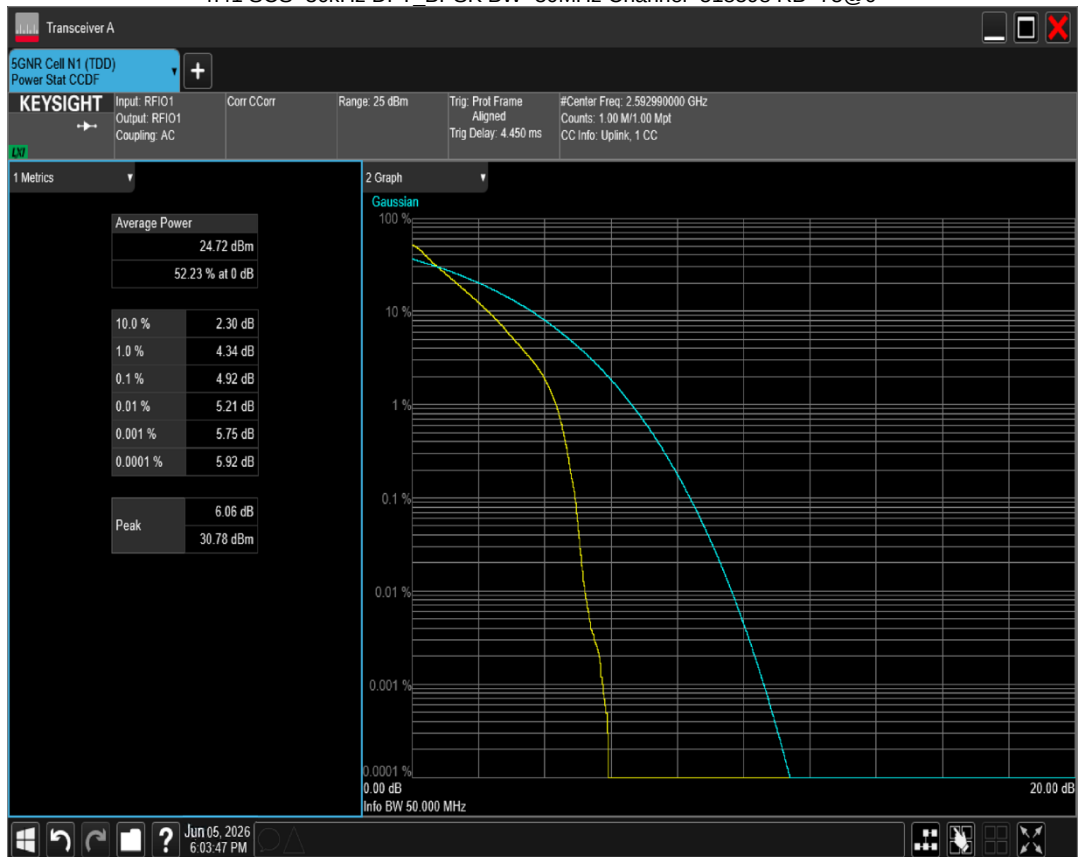
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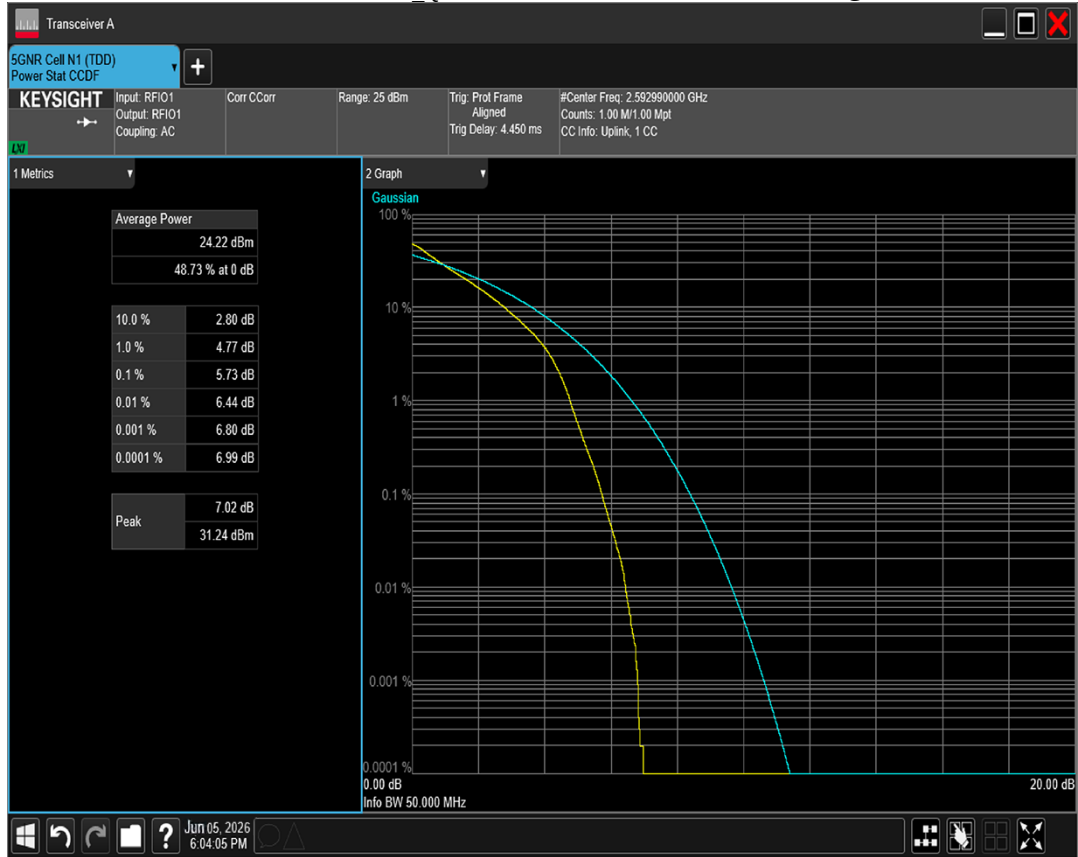
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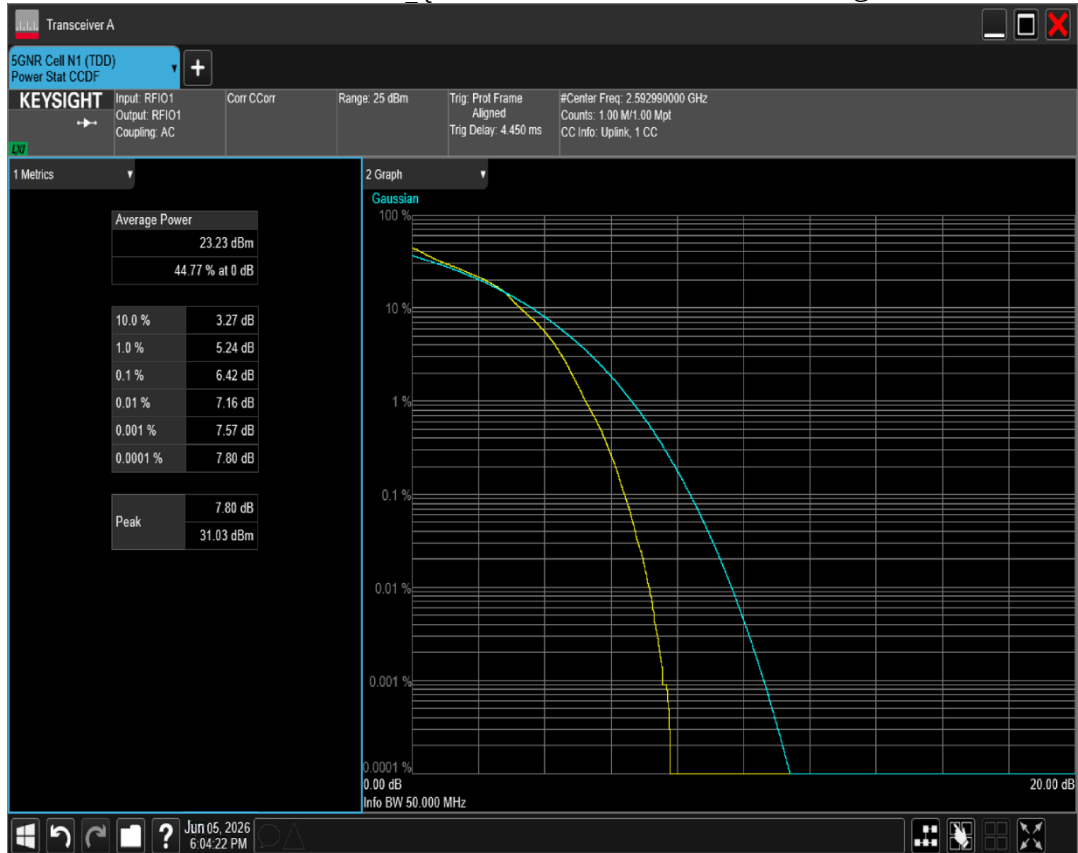
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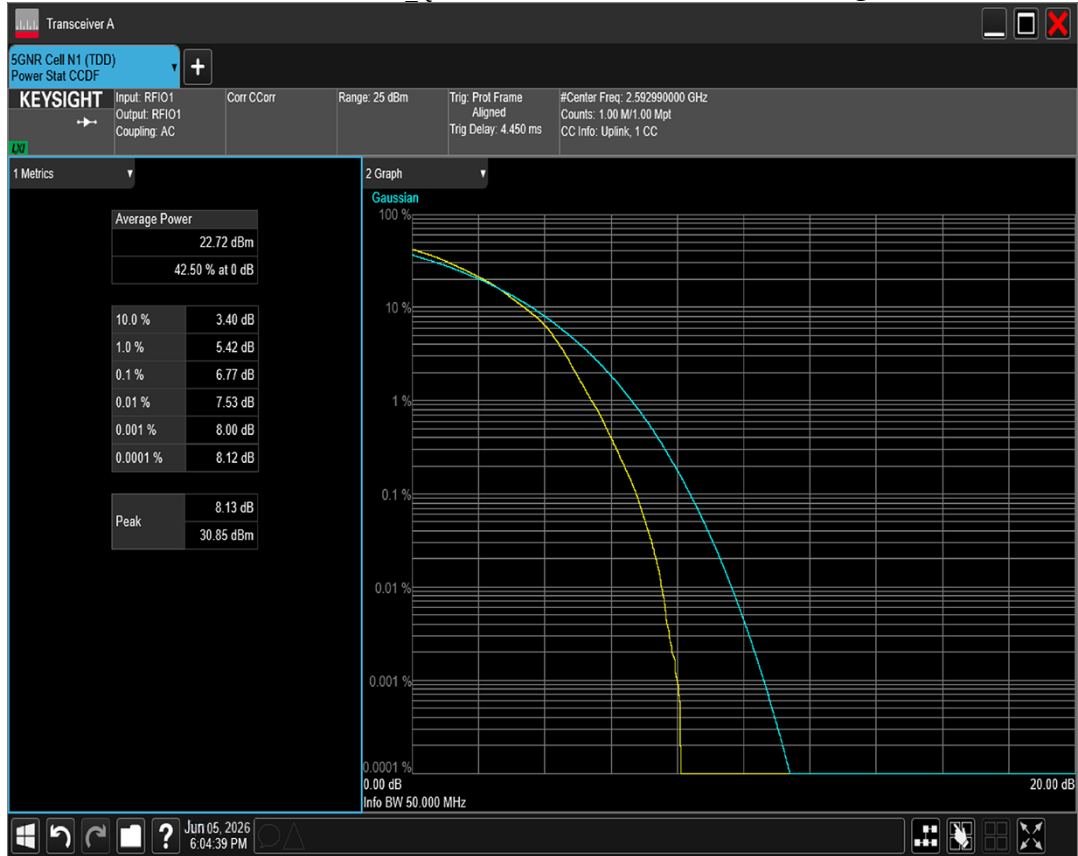
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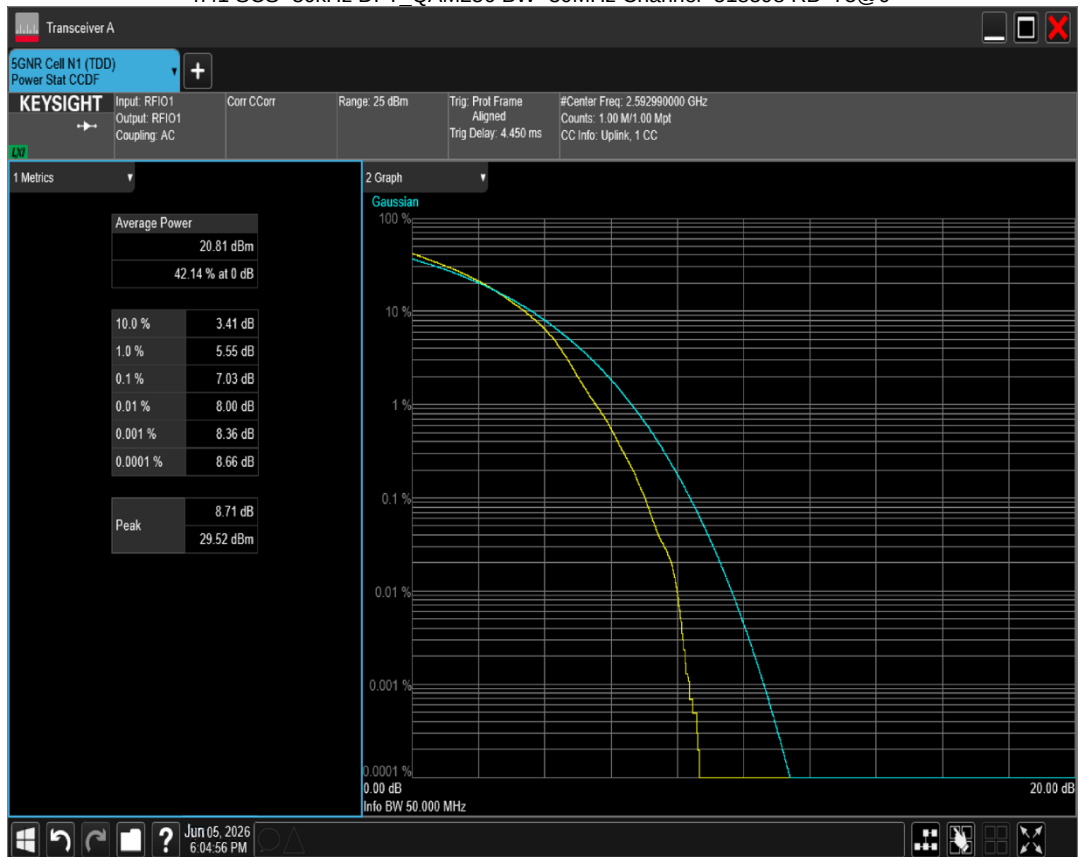
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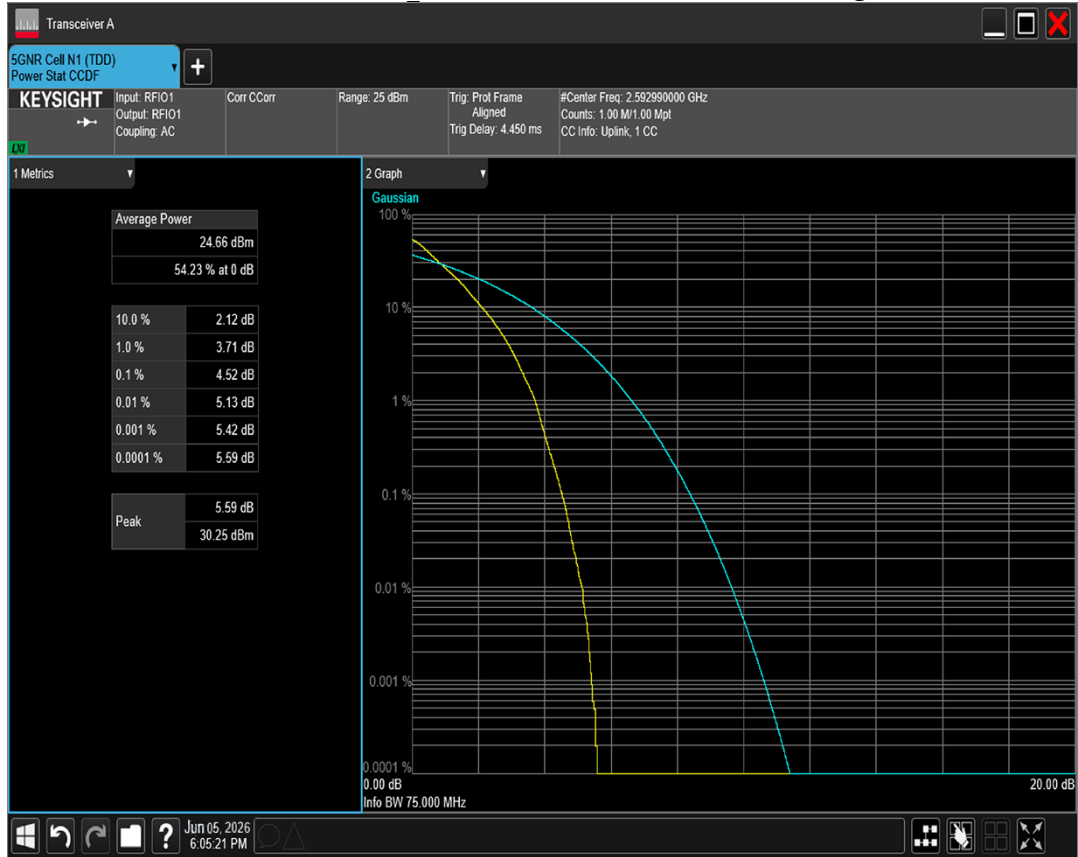
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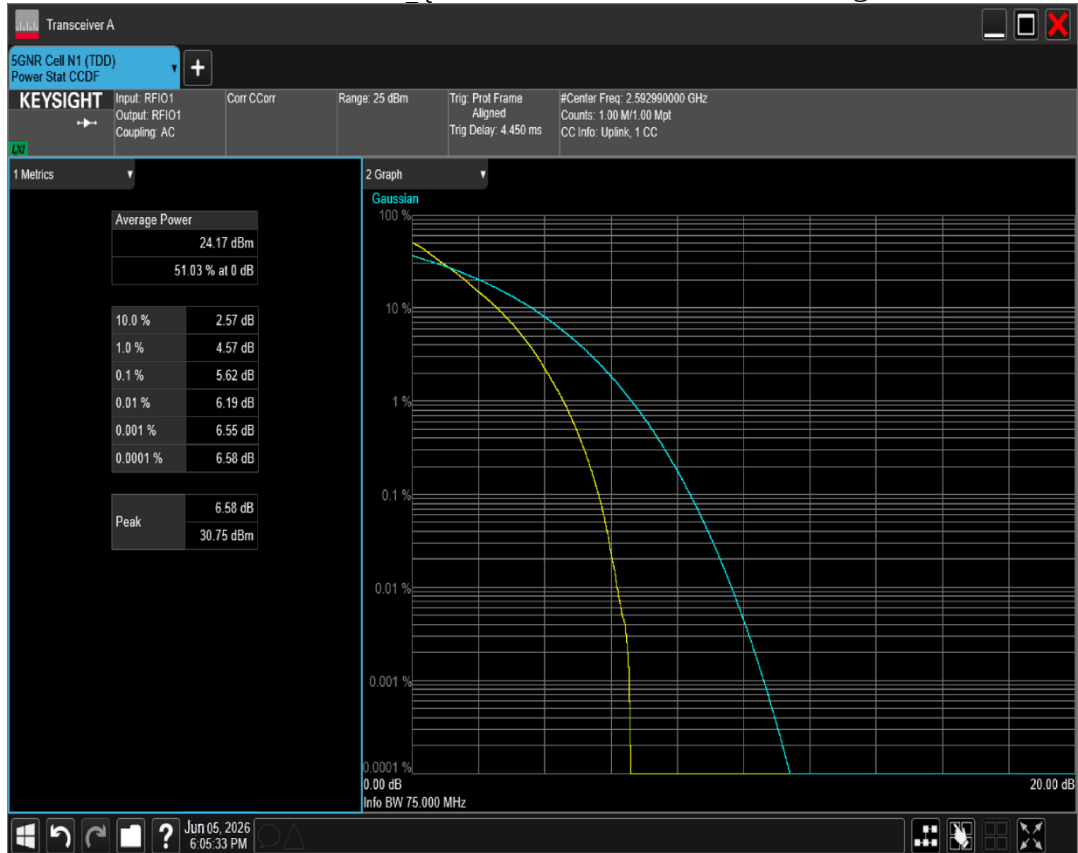
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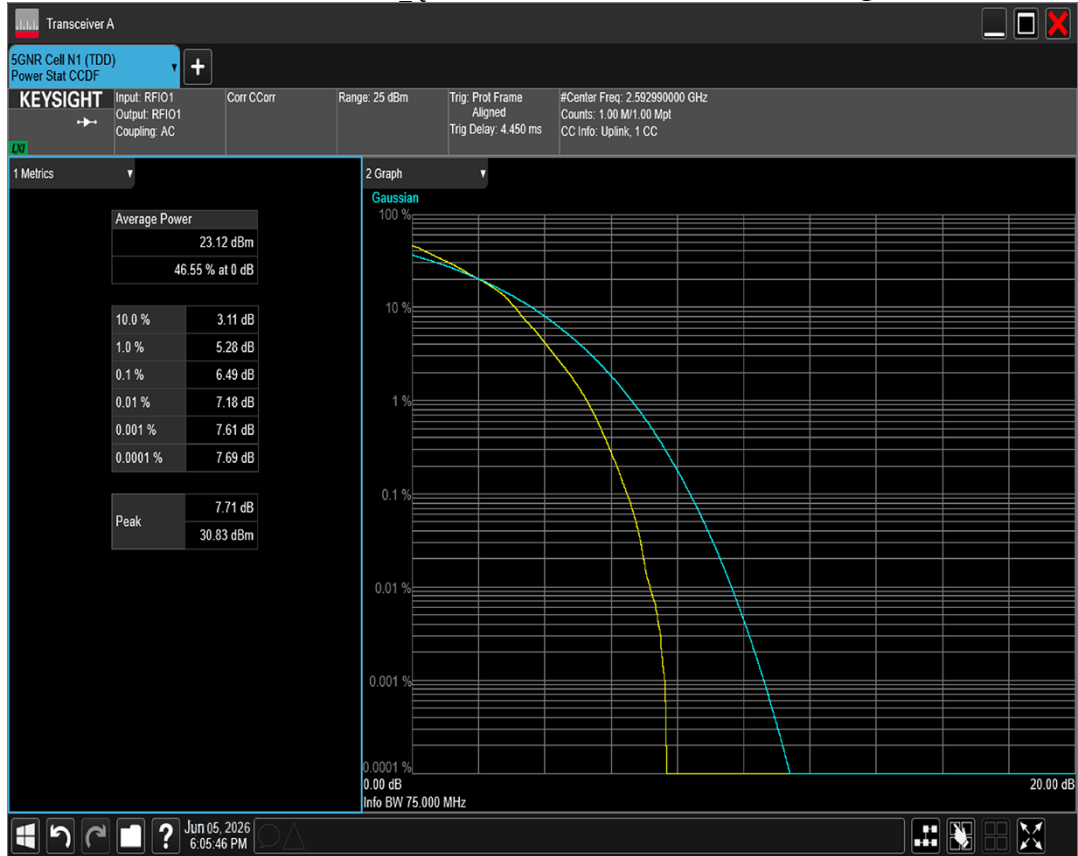
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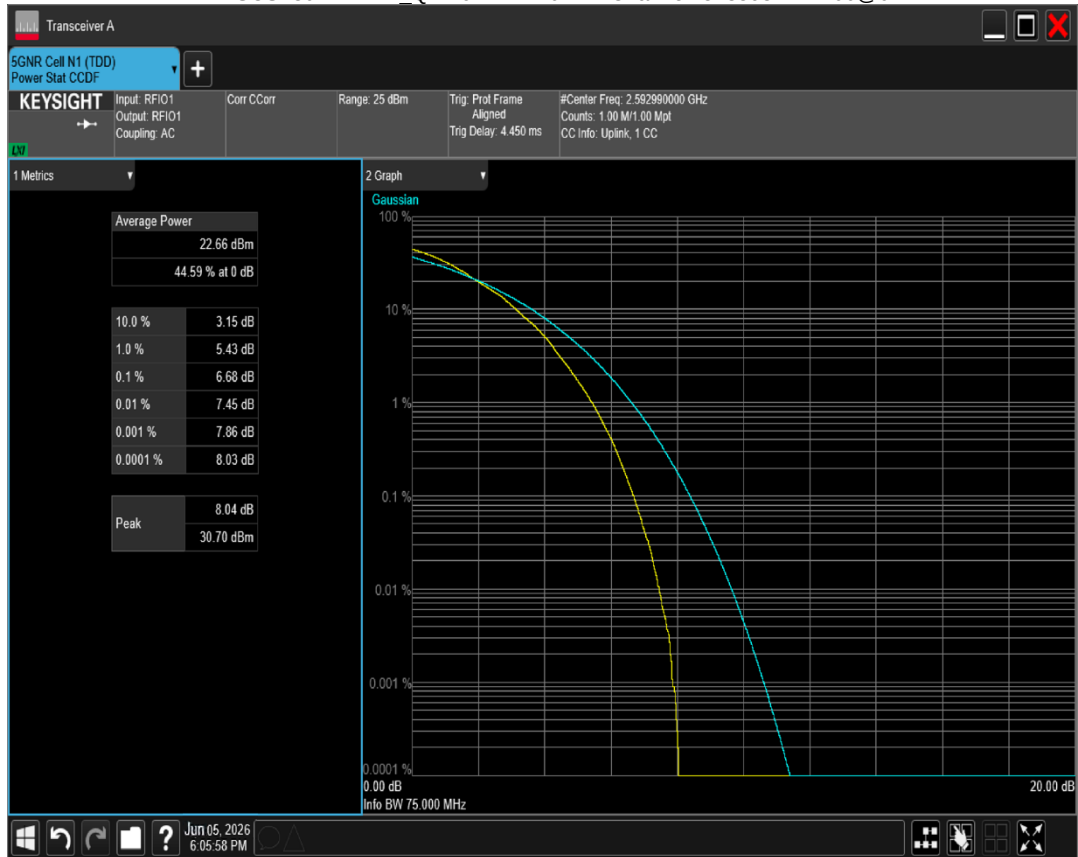
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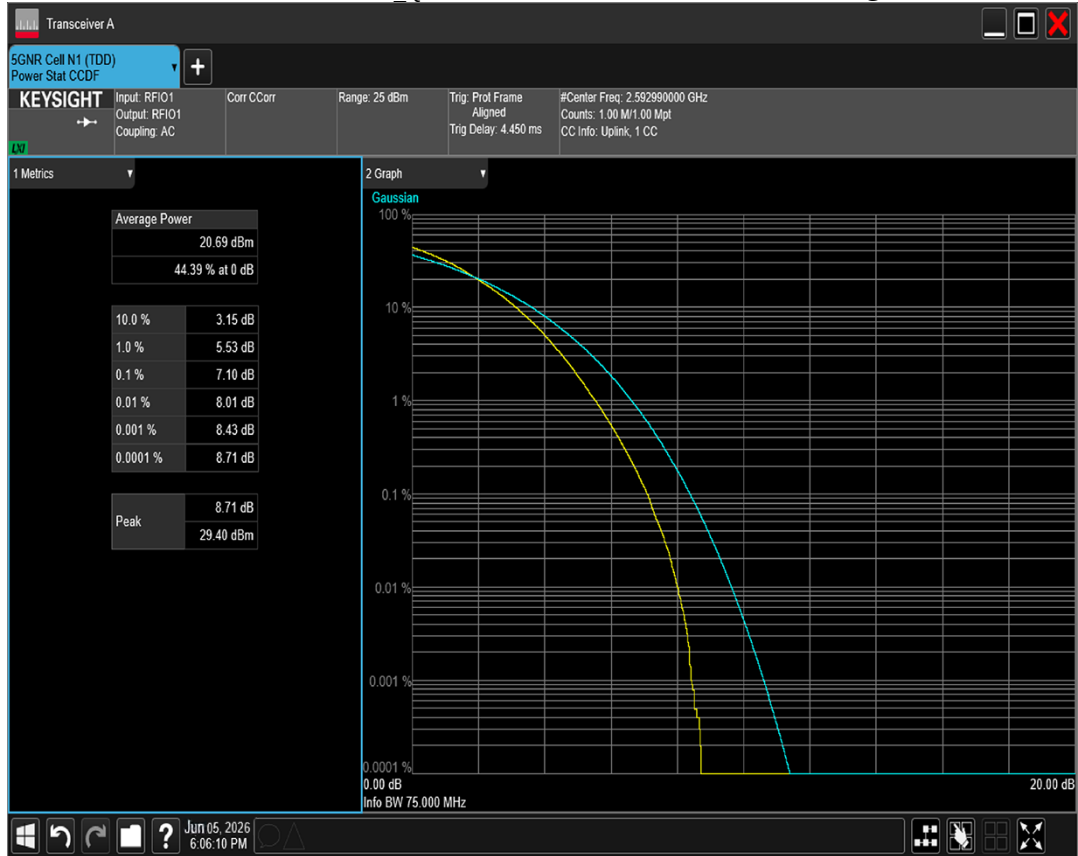
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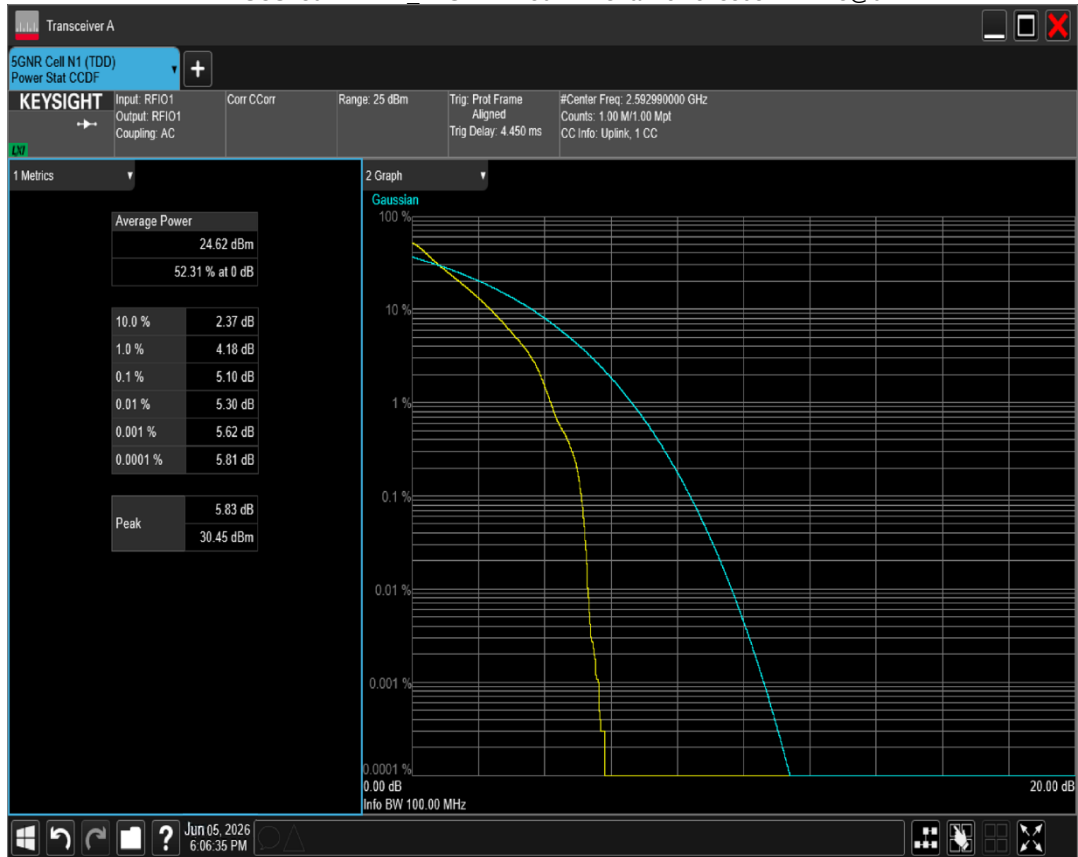
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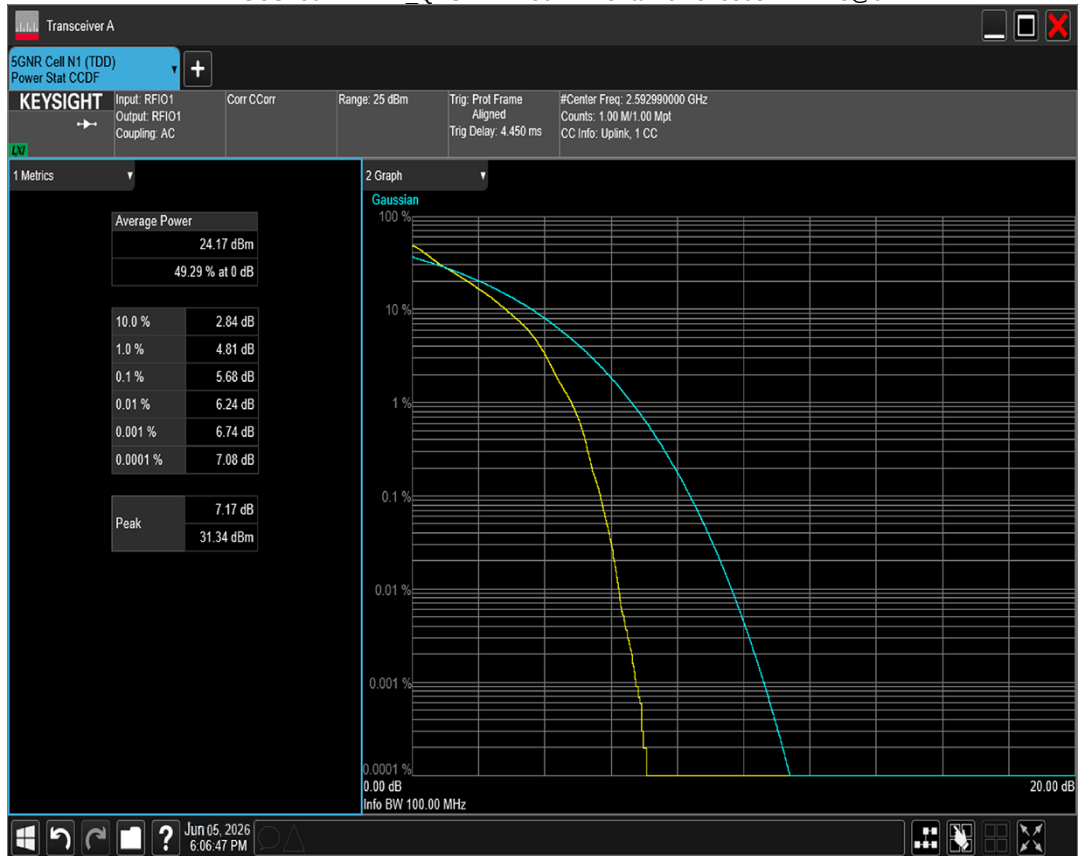
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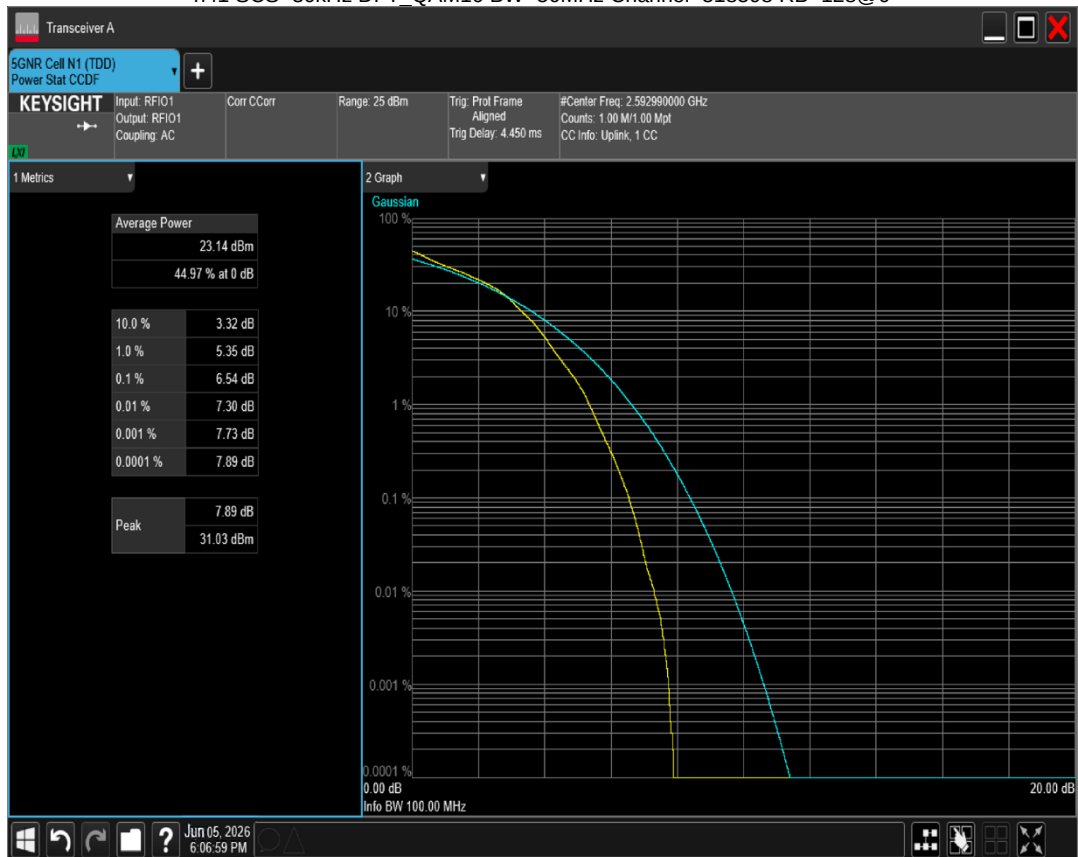
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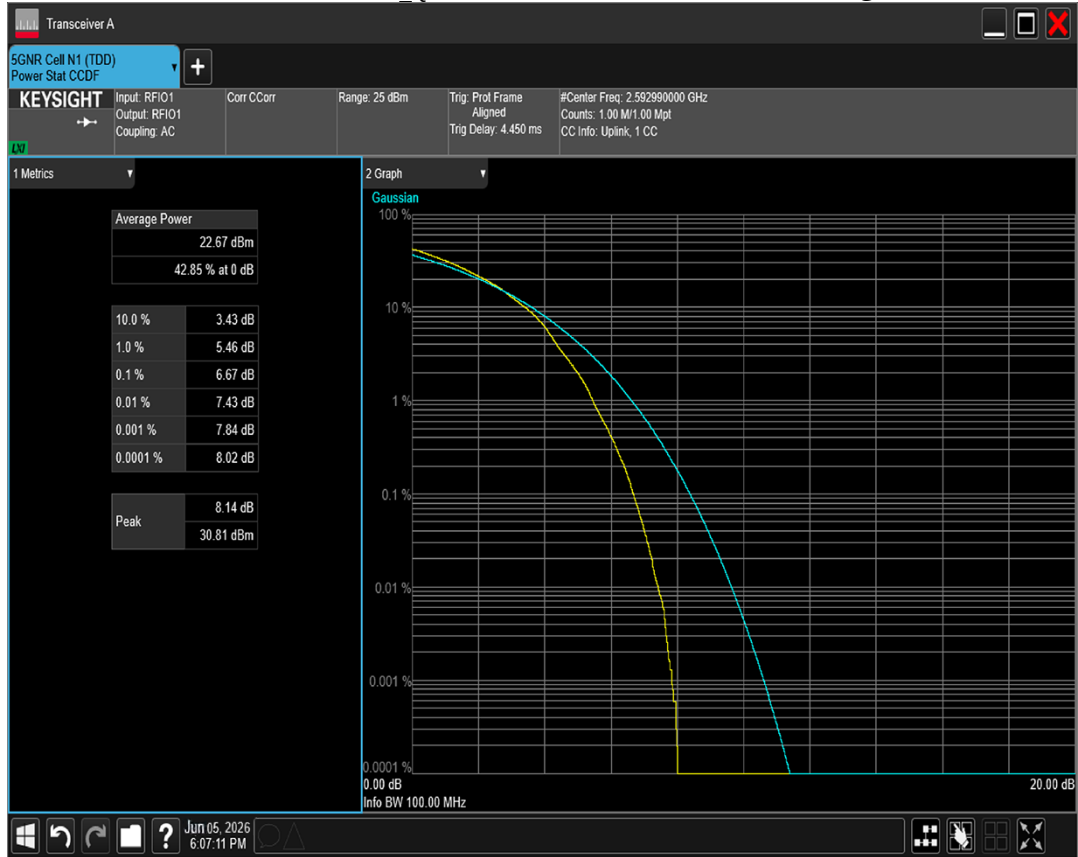
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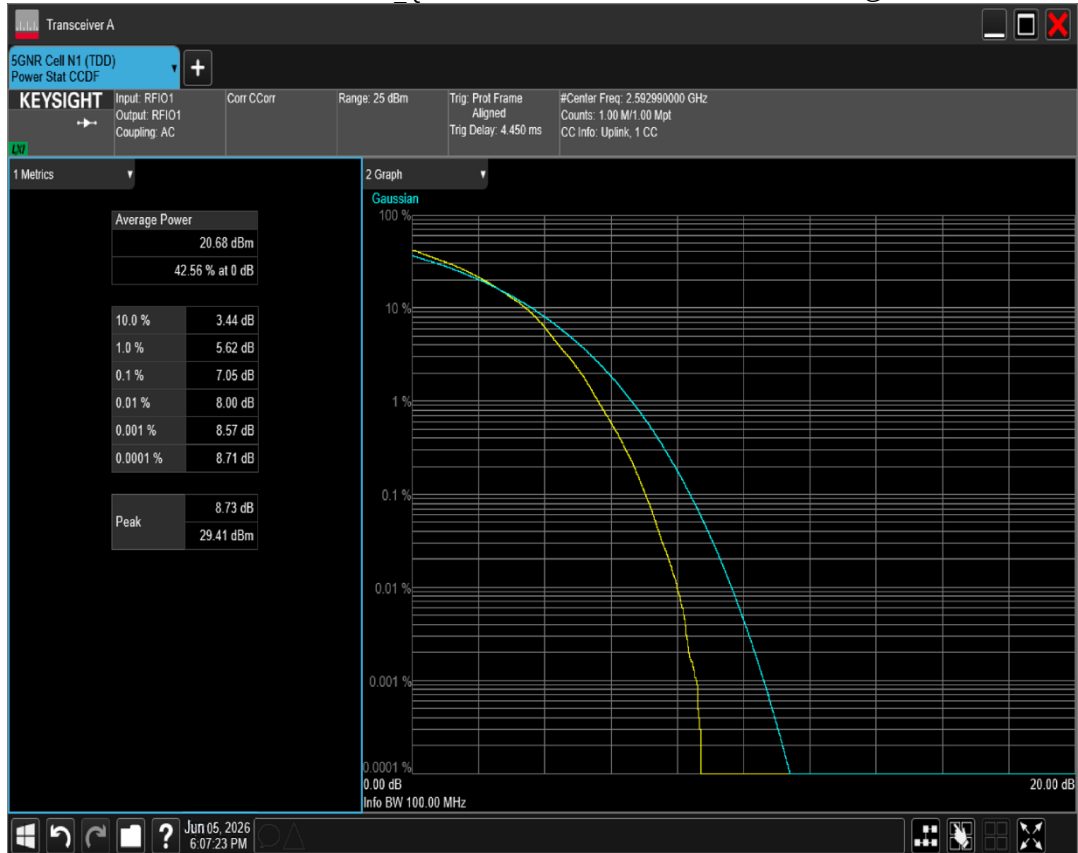
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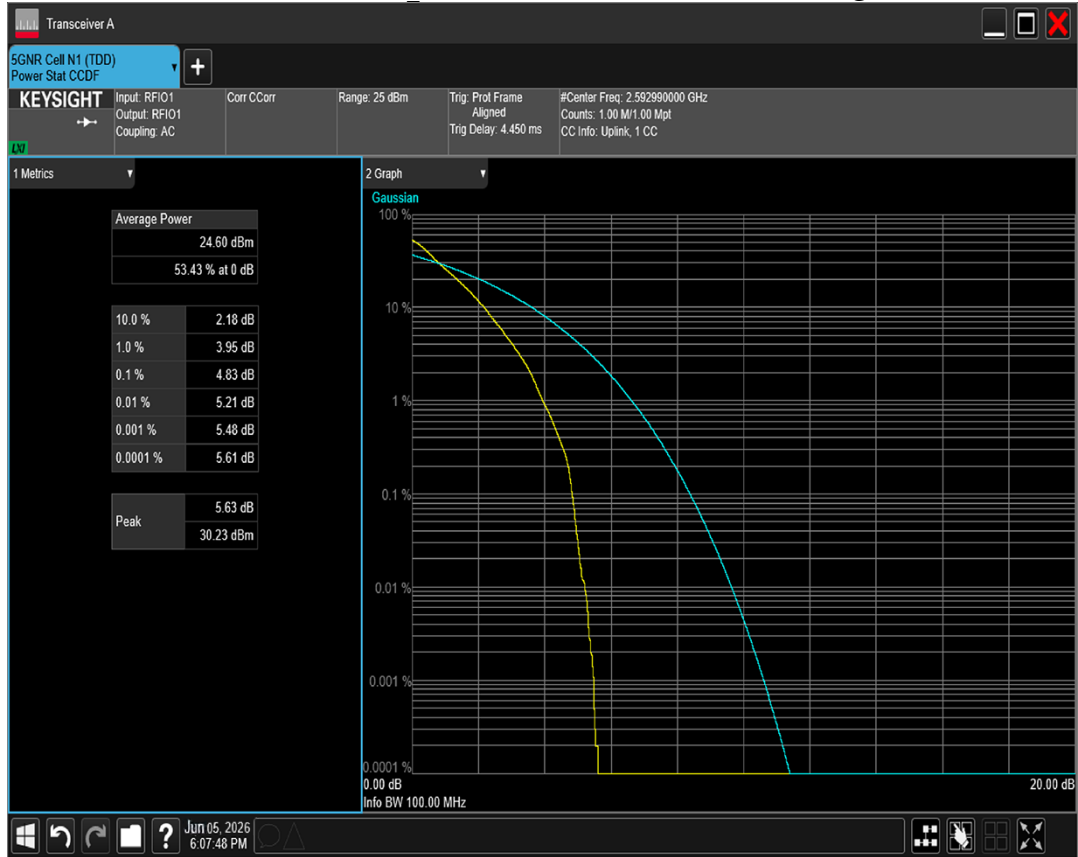
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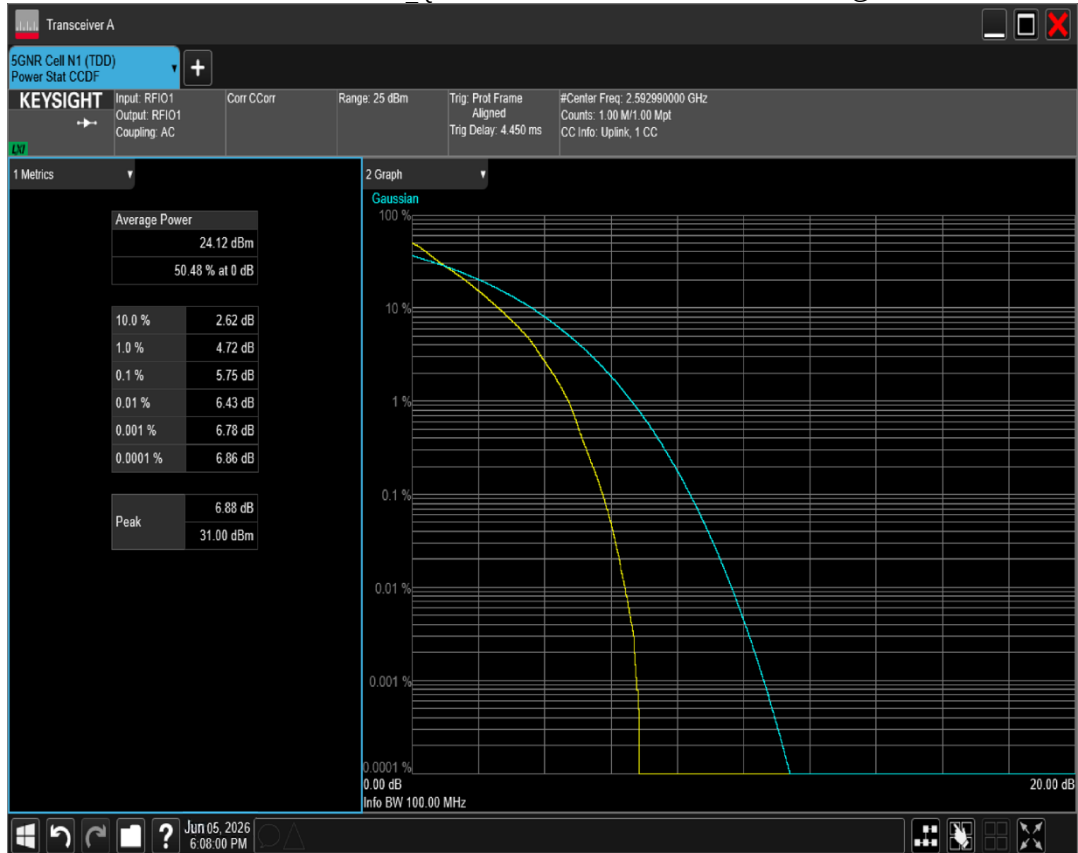
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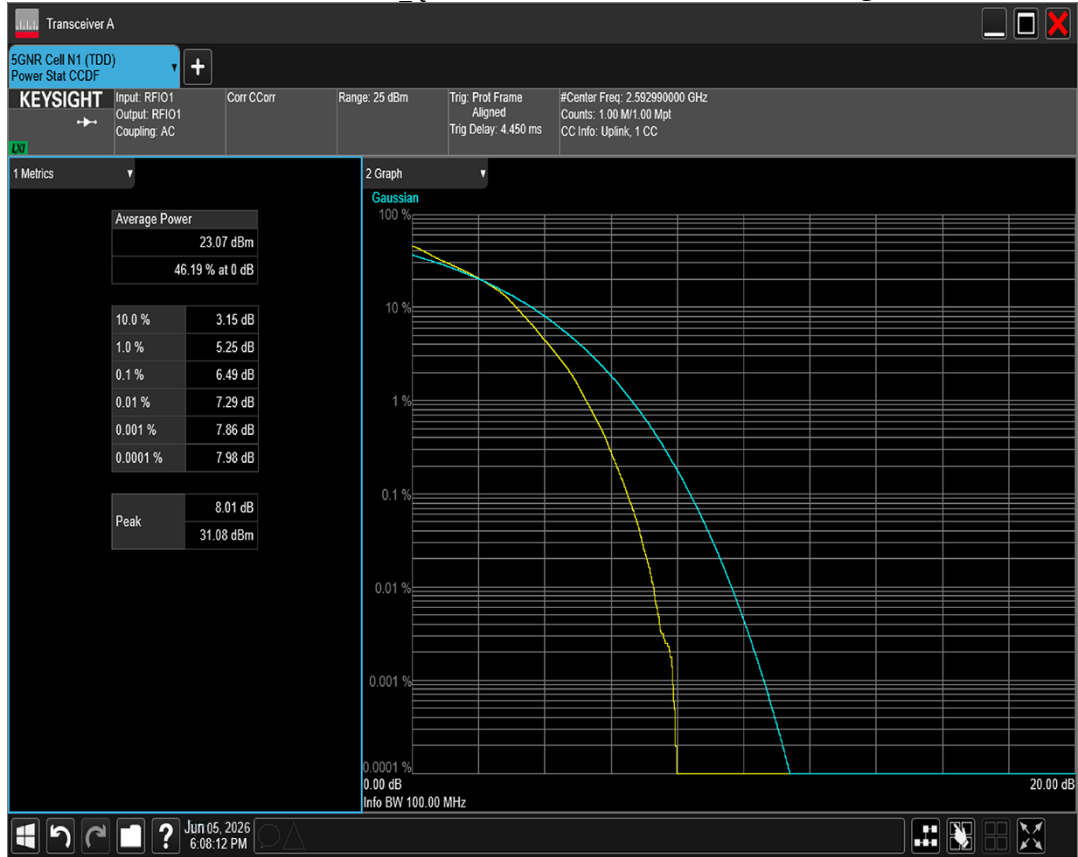
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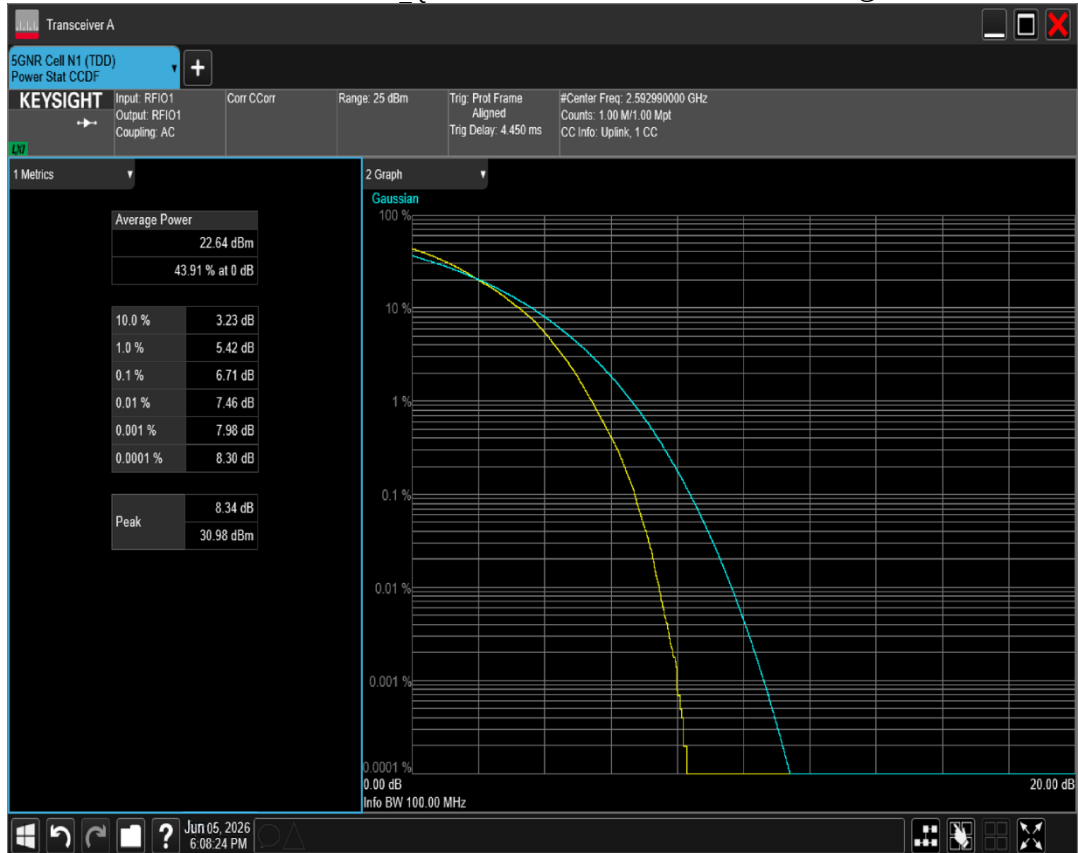
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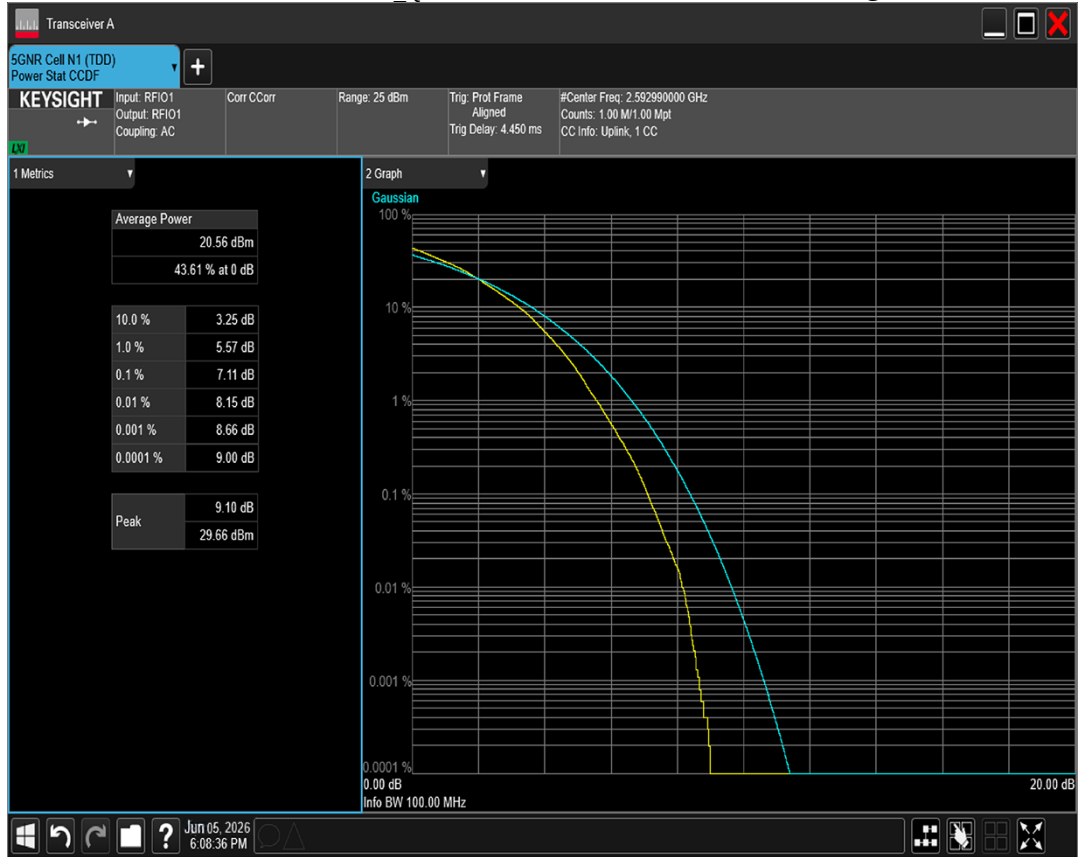
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n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_BPSK BW=80MHz Channel=518598 RB=216@0

