

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Low Limit (dBm)	high Limit (dBm)	Verdict
n41(2535-2655)	30	10	508002	12@6	DFT_BPSK	22.35		37	PASS
n41(2535-2655)	30	10	508002	1@1	DFT_BPSK	22.36		37	PASS
n41(2535-2655)	30	10	508002	1@22	DFT_BPSK	22.24		37	PASS
n41(2535-2655)	30	10	508002	12@6	DFT_QPSK	22.39		37	PASS
n41(2535-2655)	30	10	508002	1@1	DFT_QPSK	22.25		37	PASS
n41(2535-2655)	30	10	508002	1@22	DFT_QPSK	22.05		37	PASS
n41(2535-2655)	30	10	508002	12@6	DFT_QAM16	21.42		37	PASS
n41(2535-2655)	30	10	508002	1@1	DFT_QAM16	21.55		37	PASS
n41(2535-2655)	30	10	508002	1@22	DFT_QAM16	21.15		37	PASS
n41(2535-2655)	30	10	508002	12@6	DFT_QAM64	20.01		37	PASS
n41(2535-2655)	30	10	508002	1@1	DFT_QAM64	19.99		37	PASS
n41(2535-2655)	30	10	508002	1@22	DFT_QAM64	20.15		37	PASS
n41(2535-2655)	30	10	508002	12@6	DFT_QAM256	17.91		37	PASS
n41(2535-2655)	30	10	508002	1@1	DFT_QAM256	17.72		37	PASS
n41(2535-2655)	30	10	508002	1@22	DFT_QAM256	17.82		37	PASS
n41(2535-2655)	30	10	508002	12@6	CP_QPSK	20.82		37	PASS
n41(2535-2655)	30	10	508002	1@1	CP_QPSK	20.73		37	PASS
n41(2535-2655)	30	10	508002	1@22	CP_QPSK	20.49		37	PASS
n41(2535-2655)	30	10	508002	12@6	CP_QAM16	20.31		37	PASS
n41(2535-2655)	30	10	508002	1@1	CP_QAM16	20.24		37	PASS
n41(2535-2655)	30	10	508002	1@22	CP_QAM16	20.10		37	PASS
n41(2535-2655)	30	10	508002	12@6	CP_QAM64	19.00		37	PASS
n41(2535-2655)	30	10	508002	1@1	CP_QAM64	18.81		37	PASS
n41(2535-2655)	30	10	508002	1@22	CP_QAM64	18.61		37	PASS
n41(2535-2655)	30	10	508002	12@6	CP_QAM256	16.07		37	PASS
n41(2535-2655)	30	10	508002	1@1	CP_QAM256	16.32		37	PASS
n41(2535-2655)	30	10	508002	1@22	CP_QAM256	15.89		37	PASS
n41(2535-2655)	30	10	519000	12@6	DFT_BPSK	22.04		37	PASS
n41(2535-2655)	30	10	519000	1@1	DFT_BPSK	21.86		37	PASS
n41(2535-2655)	30	10	519000	1@22	DFT_BPSK	22.05		37	PASS
n41(2535-2655)	30	10	519000	12@6	DFT_QPSK	21.99		37	PASS
n41(2535-2655)	30	10	519000	1@1	DFT_QPSK	21.96		37	PASS
n41(2535-2655)	30	10	519000	1@22	DFT_QPSK	22.11		37	PASS
n41(2535-2655)	30	10	519000	12@6	DFT_QAM16	21.09		37	PASS
n41(2535-2655)	30	10	519000	1@1	DFT_QAM16	21.29		37	PASS
n41(2535-2655)	30	10	519000	1@22	DFT_QAM16	21.43		37	PASS
n41(2535-2655)	30	10	519000	12@6	DFT_QAM64	19.64		37	PASS
n41(2535-2655)	30	10	519000	1@1	DFT_QAM64	19.73		37	PASS

n41(2535-2655)	30	10	519000	1@22	DFT_QAM64	19.97		37	PASS
n41(2535-2655)	30	10	519000	12@6	DFT_QAM256	17.72		37	PASS
n41(2535-2655)	30	10	519000	1@1	DFT_QAM256	17.48		37	PASS
n41(2535-2655)	30	10	519000	1@22	DFT_QAM256	17.71		37	PASS
n41(2535-2655)	30	10	519000	12@6	CP_QPSK	20.48		37	PASS
n41(2535-2655)	30	10	519000	1@1	CP_QPSK	20.23		37	PASS
n41(2535-2655)	30	10	519000	1@22	CP_QPSK	20.34		37	PASS
n41(2535-2655)	30	10	519000	12@6	CP_QAM16	20.15		37	PASS
n41(2535-2655)	30	10	519000	1@1	CP_QAM16	19.72		37	PASS
n41(2535-2655)	30	10	519000	1@22	CP_QAM16	19.92		37	PASS
n41(2535-2655)	30	10	519000	12@6	CP_QAM64	18.63		37	PASS
n41(2535-2655)	30	10	519000	1@1	CP_QAM64	18.49		37	PASS
n41(2535-2655)	30	10	519000	1@22	CP_QAM64	18.68		37	PASS
n41(2535-2655)	30	10	519000	12@6	CP_QAM256	15.61		37	PASS
n41(2535-2655)	30	10	519000	1@1	CP_QAM256	15.50		37	PASS
n41(2535-2655)	30	10	519000	1@22	CP_QAM256	15.83		37	PASS
n41(2535-2655)	30	10	529998	12@6	DFT_BPSK	21.76		37	PASS
n41(2535-2655)	30	10	529998	1@1	DFT_BPSK	21.78		37	PASS
n41(2535-2655)	30	10	529998	1@22	DFT_BPSK	21.41		37	PASS
n41(2535-2655)	30	10	529998	12@6	DFT_QPSK	21.84		37	PASS
n41(2535-2655)	30	10	529998	1@1	DFT_QPSK	21.69		37	PASS
n41(2535-2655)	30	10	529998	1@22	DFT_QPSK	21.40		37	PASS
n41(2535-2655)	30	10	529998	12@6	DFT_QAM16	20.82		37	PASS
n41(2535-2655)	30	10	529998	1@1	DFT_QAM16	21.17		37	PASS
n41(2535-2655)	30	10	529998	1@22	DFT_QAM16	21.09		37	PASS
n41(2535-2655)	30	10	529998	12@6	DFT_QAM64	19.44		37	PASS
n41(2535-2655)	30	10	529998	1@1	DFT_QAM64	19.43		37	PASS
n41(2535-2655)	30	10	529998	1@22	DFT_QAM64	19.20		37	PASS
n41(2535-2655)	30	10	529998	12@6	DFT_QAM256	17.54		37	PASS
n41(2535-2655)	30	10	529998	1@1	DFT_QAM256	17.50		37	PASS
n41(2535-2655)	30	10	529998	1@22	DFT_QAM256	17.33		37	PASS
n41(2535-2655)	30	10	529998	12@6	CP_QPSK	20.29		37	PASS
n41(2535-2655)	30	10	529998	1@1	CP_QPSK	20.12		37	PASS
n41(2535-2655)	30	10	529998	1@22	CP_QPSK	19.79		37	PASS
n41(2535-2655)	30	10	529998	12@6	CP_QAM16	19.83		37	PASS
n41(2535-2655)	30	10	529998	1@1	CP_QAM16	19.87		37	PASS
n41(2535-2655)	30	10	529998	1@22	CP_QAM16	19.29		37	PASS
n41(2535-2655)	30	10	529998	12@6	CP_QAM64	18.60		37	PASS
n41(2535-2655)	30	10	529998	1@1	CP_QAM64	18.29		37	PASS
n41(2535-2655)	30	10	529998	1@22	CP_QAM64	17.99		37	PASS
n41(2535-2655)	30	10	529998	12@6	CP_QAM256	15.38		37	PASS
n41(2535-2655)	30	10	529998	1@1	CP_QAM256	15.71		37	PASS

n41(2535-2655)	30	10	529998	1@22	CP_QAM256	15.46		37	PASS
n41(2535-2655)	30	50	512004	64@32	DFT_BPSK	22.22		37	PASS
n41(2535-2655)	30	50	512004	1@1	DFT_BPSK	22.20		37	PASS
n41(2535-2655)	30	50	512004	1@131	DFT_BPSK	21.56		37	PASS
n41(2535-2655)	30	50	512004	64@32	DFT_QPSK	22.23		37	PASS
n41(2535-2655)	30	50	512004	1@1	DFT_QPSK	22.00		37	PASS
n41(2535-2655)	30	50	512004	1@131	DFT_QPSK	21.48		37	PASS
n41(2535-2655)	30	50	512004	64@32	DFT_QAM16	21.22		37	PASS
n41(2535-2655)	30	50	512004	1@1	DFT_QAM16	20.93		37	PASS
n41(2535-2655)	30	50	512004	1@131	DFT_QAM16	20.49		37	PASS
n41(2535-2655)	30	50	512004	64@32	DFT_QAM64	19.77		37	PASS
n41(2535-2655)	30	50	512004	1@1	DFT_QAM64	19.77		37	PASS
n41(2535-2655)	30	50	512004	1@131	DFT_QAM64	19.53		37	PASS
n41(2535-2655)	30	50	512004	64@32	DFT_QAM256	17.85		37	PASS
n41(2535-2655)	30	50	512004	1@1	DFT_QAM256	17.63		37	PASS
n41(2535-2655)	30	50	512004	1@131	DFT_QAM256	17.38		37	PASS
n41(2535-2655)	30	50	512004	67@33	CP_QPSK	20.71		37	PASS
n41(2535-2655)	30	50	512004	1@1	CP_QPSK	20.69		37	PASS
n41(2535-2655)	30	50	512004	1@131	CP_QPSK	19.81		37	PASS
n41(2535-2655)	30	50	512004	67@33	CP_QAM16	20.23		37	PASS
n41(2535-2655)	30	50	512004	1@1	CP_QAM16	20.05		37	PASS
n41(2535-2655)	30	50	512004	1@131	CP_QAM16	19.58		37	PASS
n41(2535-2655)	30	50	512004	67@33	CP_QAM64	18.78		37	PASS
n41(2535-2655)	30	50	512004	1@1	CP_QAM64	18.86		37	PASS
n41(2535-2655)	30	50	512004	1@131	CP_QAM64	18.25		37	PASS
n41(2535-2655)	30	50	512004	67@33	CP_QAM256	15.84		37	PASS
n41(2535-2655)	30	50	512004	1@1	CP_QAM256	16.02		37	PASS
n41(2535-2655)	30	50	512004	1@131	CP_QAM256	15.45		37	PASS
n41(2535-2655)	30	50	519000	64@32	DFT_BPSK	22.08		37	PASS
n41(2535-2655)	30	50	519000	1@1	DFT_BPSK	21.96		37	PASS
n41(2535-2655)	30	50	519000	1@131	DFT_BPSK	21.67		37	PASS
n41(2535-2655)	30	50	519000	64@32	DFT_QPSK	22.14		37	PASS
n41(2535-2655)	30	50	519000	1@1	DFT_QPSK	21.84		37	PASS
n41(2535-2655)	30	50	519000	1@131	DFT_QPSK	21.58		37	PASS
n41(2535-2655)	30	50	519000	64@32	DFT_QAM16	21.18		37	PASS
n41(2535-2655)	30	50	519000	1@1	DFT_QAM16	20.90		37	PASS
n41(2535-2655)	30	50	519000	1@131	DFT_QAM16	20.68		37	PASS
n41(2535-2655)	30	50	519000	64@32	DFT_QAM64	19.73		37	PASS
n41(2535-2655)	30	50	519000	1@1	DFT_QAM64	19.61		37	PASS
n41(2535-2655)	30	50	519000	1@131	DFT_QAM64	19.37		37	PASS
n41(2535-2655)	30	50	519000	64@32	DFT_QAM256	17.66		37	PASS
n41(2535-2655)	30	50	519000	1@1	DFT_QAM256	17.68		37	PASS

n41(2535-2655)	30	50	519000	1@131	DFT_QAM256	17.46		37	PASS
n41(2535-2655)	30	50	519000	67@33	CP_QPSK	20.57		37	PASS
n41(2535-2655)	30	50	519000	1@1	CP_QPSK	20.37		37	PASS
n41(2535-2655)	30	50	519000	1@131	CP_QPSK	20.29		37	PASS
n41(2535-2655)	30	50	519000	67@33	CP_QAM16	20.16		37	PASS
n41(2535-2655)	30	50	519000	1@1	CP_QAM16	20.04		37	PASS
n41(2535-2655)	30	50	519000	1@131	CP_QAM16	19.94		37	PASS
n41(2535-2655)	30	50	519000	67@33	CP_QAM64	18.58		37	PASS
n41(2535-2655)	30	50	519000	1@1	CP_QAM64	18.61		37	PASS
n41(2535-2655)	30	50	519000	1@131	CP_QAM64	18.42		37	PASS
n41(2535-2655)	30	50	519000	67@33	CP_QAM256	15.53		37	PASS
n41(2535-2655)	30	50	519000	1@1	CP_QAM256	15.88		37	PASS
n41(2535-2655)	30	50	519000	1@131	CP_QAM256	15.76		37	PASS
n41(2535-2655)	30	50	525996	64@32	DFT_BPSK	21.84		37	PASS
n41(2535-2655)	30	50	525996	1@1	DFT_BPSK	22.04		37	PASS
n41(2535-2655)	30	50	525996	1@131	DFT_BPSK	21.34		37	PASS
n41(2535-2655)	30	50	525996	64@32	DFT_QPSK	21.89		37	PASS
n41(2535-2655)	30	50	525996	1@1	DFT_QPSK	21.95		37	PASS
n41(2535-2655)	30	50	525996	1@131	DFT_QPSK	21.41		37	PASS
n41(2535-2655)	30	50	525996	64@32	DFT_QAM16	20.78		37	PASS
n41(2535-2655)	30	50	525996	1@1	DFT_QAM16	20.85		37	PASS
n41(2535-2655)	30	50	525996	1@131	DFT_QAM16	20.74		37	PASS
n41(2535-2655)	30	50	525996	64@32	DFT_QAM64	19.33		37	PASS
n41(2535-2655)	30	50	525996	1@1	DFT_QAM64	19.88		37	PASS
n41(2535-2655)	30	50	525996	1@131	DFT_QAM64	19.04		37	PASS
n41(2535-2655)	30	50	525996	64@32	DFT_QAM256	17.56		37	PASS
n41(2535-2655)	30	50	525996	1@1	DFT_QAM256	17.65		37	PASS
n41(2535-2655)	30	50	525996	1@131	DFT_QAM256	16.93		37	PASS
n41(2535-2655)	30	50	525996	67@33	CP_QPSK	20.35		37	PASS
n41(2535-2655)	30	50	525996	1@1	CP_QPSK	20.44		37	PASS
n41(2535-2655)	30	50	525996	1@131	CP_QPSK	19.79		37	PASS
n41(2535-2655)	30	50	525996	67@33	CP_QAM16	19.78		37	PASS
n41(2535-2655)	30	50	525996	1@1	CP_QAM16	20.01		37	PASS
n41(2535-2655)	30	50	525996	1@131	CP_QAM16	19.17		37	PASS
n41(2535-2655)	30	50	525996	67@33	CP_QAM64	18.37		37	PASS
n41(2535-2655)	30	50	525996	1@1	CP_QAM64	18.64		37	PASS
n41(2535-2655)	30	50	525996	1@131	CP_QAM64	17.98		37	PASS
n41(2535-2655)	30	50	525996	67@33	CP_QAM256	15.46		37	PASS
n41(2535-2655)	30	50	525996	1@1	CP_QAM256	15.95		37	PASS
n41(2535-2655)	30	50	525996	1@131	CP_QAM256	15.38		37	PASS
n41(2535-2655)	30	100	517002	135@67	DFT_BPSK	22.11		37	PASS
n41(2535-2655)	30	100	517002	1@1	DFT_BPSK	21.49		37	PASS

n41(2535-2655)	30	100	517002	1@271	DFT_BPSK	20.92		37	PASS
n41(2535-2655)	30	100	517002	135@67	DFT_QPSK	22.16		37	PASS
n41(2535-2655)	30	100	517002	1@1	DFT_QPSK	21.45		37	PASS
n41(2535-2655)	30	100	517002	1@271	DFT_QPSK	20.88		37	PASS
n41(2535-2655)	30	100	517002	135@67	DFT_QAM16	21.26		37	PASS
n41(2535-2655)	30	100	517002	1@1	DFT_QAM16	20.95		37	PASS
n41(2535-2655)	30	100	517002	1@271	DFT_QAM16	20.30		37	PASS
n41(2535-2655)	30	100	517002	135@67	DFT_QAM64	19.68		37	PASS
n41(2535-2655)	30	100	517002	1@1	DFT_QAM64	19.03		37	PASS
n41(2535-2655)	30	100	517002	1@271	DFT_QAM64	18.42		37	PASS
n41(2535-2655)	30	100	517002	135@67	DFT_QAM256	14.63		37	PASS
n41(2535-2655)	30	100	517002	1@1	DFT_QAM256	14.02		37	PASS
n41(2535-2655)	30	100	517002	1@271	DFT_QAM256	13.45		37	PASS
n41(2535-2655)	30	100	517002	137@68	CP_QPSK	17.68		37	PASS
n41(2535-2655)	30	100	517002	1@1	CP_QPSK	16.99		37	PASS
n41(2535-2655)	30	100	517002	1@271	CP_QPSK	16.38		37	PASS
n41(2535-2655)	30	100	517002	137@68	CP_QAM16	17.09		37	PASS
n41(2535-2655)	30	100	517002	1@1	CP_QAM16	16.39		37	PASS
n41(2535-2655)	30	100	517002	1@271	CP_QAM16	15.91		37	PASS
n41(2535-2655)	30	100	517002	137@68	CP_QAM64	15.66		37	PASS
n41(2535-2655)	30	100	517002	1@1	CP_QAM64	15.05		37	PASS
n41(2535-2655)	30	100	517002	1@271	CP_QAM64	13.99		37	PASS
n41(2535-2655)	30	100	517002	137@68	CP_QAM256	12.78		37	PASS
n41(2535-2655)	30	100	517002	1@1	CP_QAM256	12.52		37	PASS
n41(2535-2655)	30	100	517002	1@271	CP_QAM256	12.02		37	PASS
n41(2535-2655)	30	100	519000	135@67	DFT_BPSK	22.14		37	PASS
n41(2535-2655)	30	100	519000	1@1	DFT_BPSK	21.18		37	PASS
n41(2535-2655)	30	100	519000	1@271	DFT_BPSK	20.96		37	PASS
n41(2535-2655)	30	100	519000	135@67	DFT_QPSK	22.12		37	PASS
n41(2535-2655)	30	100	519000	1@1	DFT_QPSK	21.07		37	PASS
n41(2535-2655)	30	100	519000	1@271	DFT_QPSK	20.77		37	PASS
n41(2535-2655)	30	100	519000	135@67	DFT_QAM16	21.21		37	PASS
n41(2535-2655)	30	100	519000	1@1	DFT_QAM16	20.09		37	PASS
n41(2535-2655)	30	100	519000	1@271	DFT_QAM16	19.86		37	PASS
n41(2535-2655)	30	100	519000	135@67	DFT_QAM64	19.61		37	PASS
n41(2535-2655)	30	100	519000	1@1	DFT_QAM64	18.88		37	PASS
n41(2535-2655)	30	100	519000	1@271	DFT_QAM64	18.55		37	PASS
n41(2535-2655)	30	100	519000	135@67	DFT_QAM256	14.61		37	PASS
n41(2535-2655)	30	100	519000	1@1	DFT_QAM256	13.79		37	PASS
n41(2535-2655)	30	100	519000	1@271	DFT_QAM256	13.41		37	PASS
n41(2535-2655)	30	100	519000	137@68	CP_QPSK	17.69		37	PASS
n41(2535-2655)	30	100	519000	1@1	CP_QPSK	16.85		37	PASS

n41(2535-2655)	30	100	519000	1@271	CP_QPSK	16.53		37	PASS
n41(2535-2655)	30	100	519000	137@68	CP_QAM16	17.18		37	PASS
n41(2535-2655)	30	100	519000	1@1	CP_QAM16	16.06		37	PASS
n41(2535-2655)	30	100	519000	1@271	CP_QAM16	16.13		37	PASS
n41(2535-2655)	30	100	519000	137@68	CP_QAM64	15.72		37	PASS
n41(2535-2655)	30	100	519000	1@1	CP_QAM64	14.78		37	PASS
n41(2535-2655)	30	100	519000	1@271	CP_QAM64	14.22		37	PASS
n41(2535-2655)	30	100	519000	137@68	CP_QAM256	12.80		37	PASS
n41(2535-2655)	30	100	519000	1@1	CP_QAM256	12.36		37	PASS
n41(2535-2655)	30	100	519000	1@271	CP_QAM256	12.11		37	PASS
n41(2535-2655)	30	100	520998	135@67	DFT_BPSK	22.10		37	PASS
n41(2535-2655)	30	100	520998	1@1	DFT_BPSK	21.23		37	PASS
n41(2535-2655)	30	100	520998	1@271	DFT_BPSK	20.67		37	PASS
n41(2535-2655)	30	100	520998	135@67	DFT_QPSK	22.13		37	PASS
n41(2535-2655)	30	100	520998	1@1	DFT_QPSK	21.27		37	PASS
n41(2535-2655)	30	100	520998	1@271	DFT_QPSK	20.91		37	PASS
n41(2535-2655)	30	100	520998	135@67	DFT_QAM16	21.18		37	PASS
n41(2535-2655)	30	100	520998	1@1	DFT_QAM16	20.65		37	PASS
n41(2535-2655)	30	100	520998	1@271	DFT_QAM16	20.19		37	PASS
n41(2535-2655)	30	100	520998	135@67	DFT_QAM64	19.62		37	PASS
n41(2535-2655)	30	100	520998	1@1	DFT_QAM64	18.87		37	PASS
n41(2535-2655)	30	100	520998	1@271	DFT_QAM64	18.29		37	PASS
n41(2535-2655)	30	100	520998	135@67	DFT_QAM256	14.66		37	PASS
n41(2535-2655)	30	100	520998	1@1	DFT_QAM256	13.88		37	PASS
n41(2535-2655)	30	100	520998	1@271	DFT_QAM256	13.45		37	PASS
n41(2535-2655)	30	100	520998	137@68	CP_QPSK	17.63		37	PASS
n41(2535-2655)	30	100	520998	1@1	CP_QPSK	16.82		37	PASS
n41(2535-2655)	30	100	520998	1@271	CP_QPSK	16.29		37	PASS
n41(2535-2655)	30	100	520998	137@68	CP_QAM16	17.16		37	PASS
n41(2535-2655)	30	100	520998	1@1	CP_QAM16	16.62		37	PASS
n41(2535-2655)	30	100	520998	1@271	CP_QAM16	15.99		37	PASS
n41(2535-2655)	30	100	520998	137@68	CP_QAM64	15.72		37	PASS
n41(2535-2655)	30	100	520998	1@1	CP_QAM64	14.85		37	PASS
n41(2535-2655)	30	100	520998	1@271	CP_QAM64	14.50		37	PASS
n41(2535-2655)	30	100	520998	137@68	CP_QAM256	12.81		37	PASS
n41(2535-2655)	30	100	520998	1@1	CP_QAM256	12.33		37	PASS
n41(2535-2655)	30	100	520998	1@271	CP_QAM256	11.89		37	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
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n41	30	100	519000	135@67	DFT_BPSK	3.85	-21.08	-0.01	Within authorized band for 5G NR n41	PASS
n41	30	100	519000	135@67	DFT_BPSK	3.50	-17.86	-0.01		PASS
n41	30	100	519000	135@67	DFT_BPSK	4.40	-26.93	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	3.85	-26.94	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	3.50	-22.09	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	4.40	-22.31	-0.01		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	519000	135@67	DFT_BPSK	-30	-15.22	-0.01	Within authorized band for 5G NR n41	PASS
n41	30	100	519000	135@67	DFT_BPSK	-20	-27.26	-0.01		PASS
n41	30	100	519000	135@67	DFT_BPSK	-10	-20.83	-0.01		PASS
n41	30	100	519000	135@67	DFT_BPSK	0	-13.54	-0.01		PASS
n41	30	100	519000	135@67	DFT_BPSK	10	-18.18	-0.01		PASS
n41	30	100	519000	135@67	DFT_BPSK	20	-21.44	-0.01		PASS
n41	30	100	519000	135@67	DFT_BPSK	30	-15.85	-0.01		PASS
n41	30	100	519000	135@67	DFT_BPSK	40	-28.89	-0.01		PASS
n41	30	100	519000	135@67	DFT_BPSK	50	-9.56	0.00		PASS
n41	30	100	519000	135@67	DFT_QPSK	-30	-16.18	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	-20	-23.43	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	-10	-17.00	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	0	-7.74	0.00		PASS
n41	30	100	519000	135@67	DFT_QPSK	10	-19.61	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	20	-13.96	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	30	-14.71	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	40	-20.11	-0.01		PASS
n41	30	100	519000	135@67	DFT_QPSK	50	-13.15	-0.01		PASS

Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

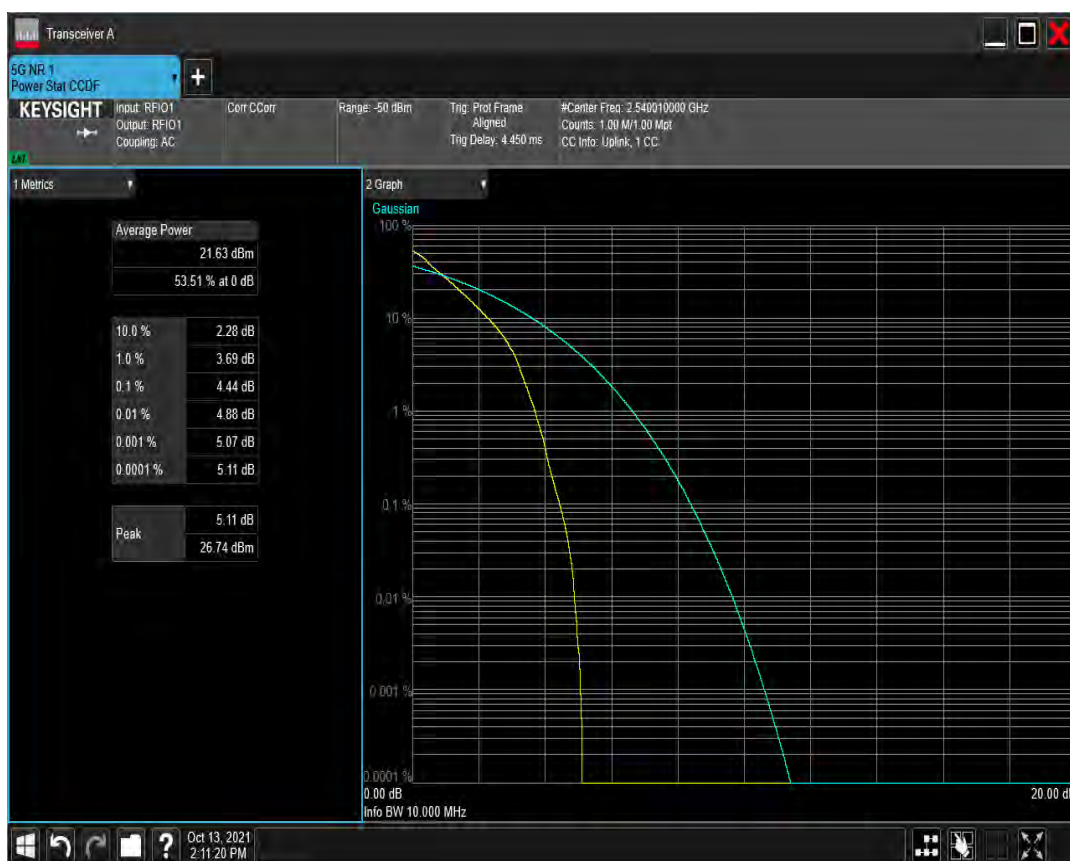
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n41(2535-2655)	30	10	508002	24@0	DFT_BPSK	4.44	13	PASS
n41(2535-2655)	30	10	508002	24@0	DFT_QPSK	5.59	13	PASS
n41(2535-2655)	30	10	508002	24@0	DFT_QAM16	6.47	13	PASS
n41(2535-2655)	30	10	508002	24@0	DFT_QAM64	6.63	13	PASS
n41(2535-2655)	30	10	508002	24@0	DFT_QAM256	7.12	13	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_BPSK	3.58	13	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_QPSK	4.30	13	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_QAM16	5.19	13	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_QAM64	5.51	13	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_QAM256	6.58	13	PASS

n41(2535-2655)	30	10	529998	24@0	DFT_BPSK	3.73	13	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QPSK	4.35	13	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QAM16	5.33	13	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QAM64	5.66	13	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QAM256	6.72	13	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_BPSK	4.61	13	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_QPSK	5.63	13	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_QAM16	6.50	13	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_QAM64	6.77	13	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_QAM256	6.97	13	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_BPSK	3.84	13	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_QPSK	4.58	13	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_QAM16	5.38	13	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_QAM64	5.74	13	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_QAM256	6.66	13	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_BPSK	4.20	13	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_QPSK	4.96	13	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_QAM16	5.81	13	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_QAM64	6.21	13	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_QAM256	6.81	13	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_BPSK	4.68	13	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_QPSK	5.76	13	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_QAM16	6.65	13	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_QAM64	6.80	13	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_QAM256	6.86	13	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_BPSK	4.08	13	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_QPSK	4.88	13	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_QAM16	5.64	13	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_QAM64	5.95	13	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_QAM256	6.65	13	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_BPSK	4.39	13	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_QPSK	5.34	13	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_QAM16	6.21	13	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_QAM64	6.40	13	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_QAM256	6.83	13	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_BPSK	4.57	13	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_QPSK	5.63	13	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_QAM16	6.48	13	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_QAM64	6.73	13	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_QAM256	6.98	13	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_BPSK	4.23	13	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_QPSK	5.06	13	PASS

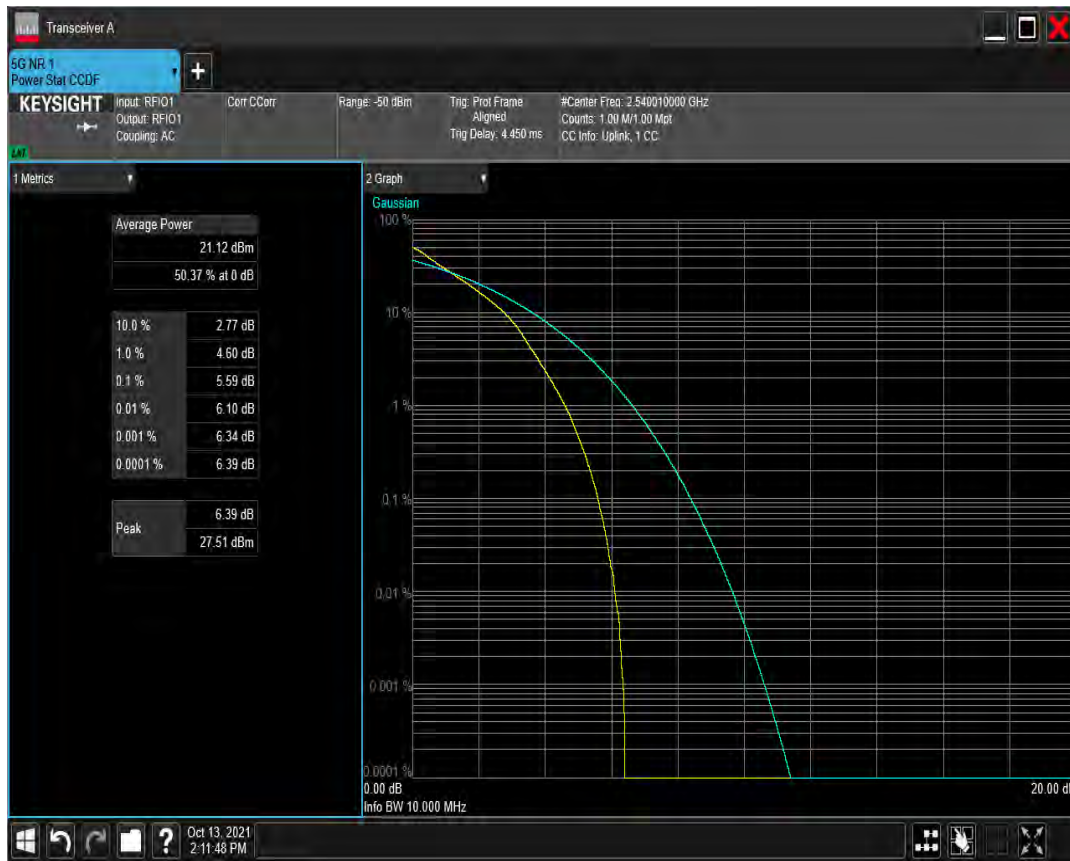
n41(2535-2655)	30	40	519000	100@0	DFT_QAM16	5.83	13	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_QAM64	6.08	13	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_QAM256	6.80	13	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_BPSK	4.50	13	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_QPSK	5.63	13	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_QAM16	6.50	13	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_QAM64	6.70	13	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_QAM256	7.06	13	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_BPSK	4.79	13	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_QPSK	5.59	13	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_QAM16	6.31	13	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_QAM64	6.57	13	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_QAM256	6.90	13	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_BPSK	4.65	13	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_QPSK	5.43	13	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_QAM16	6.06	13	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_QAM64	6.32	13	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_QAM256	6.90	13	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_BPSK	4.77	13	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_QPSK	5.66	13	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_QAM16	6.41	13	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_QAM64	6.70	13	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_QAM256	7.07	13	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_BPSK	4.12	13	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_QPSK	5.28	13	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_QAM16	6.13	13	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_QAM64	6.46	13	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_QAM256	8.37	13	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_BPSK	4.32	13	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_QPSK	5.25	13	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_QAM16	5.98	13	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_QAM64	6.32	13	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_QAM256	7.70	13	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_BPSK	4.26	13	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_QPSK	5.33	13	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_QAM16	6.19	13	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_QAM64	6.56	13	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_QAM256	8.31	13	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_BPSK	4.82	13	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_QPSK	5.47	13	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_QAM16	6.22	13	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_QAM64	6.51	13	PASS

n41(2535-2655)	30	80	515004	216@0	DFT_QAM256	8.31	13	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_BPSK	5.10	13	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_QPSK	5.61	13	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_QAM16	6.28	13	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_QAM64	6.56	13	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_QAM256	8.30	13	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_BPSK	4.99	13	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_QPSK	5.47	13	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_QAM16	6.22	13	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_QAM64	6.50	13	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_QAM256	8.20	13	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_BPSK	4.91	13	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_QPSK	5.62	13	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_QAM16	6.38	13	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_QAM64	6.61	13	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_QAM256	8.36	13	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_BPSK	4.98	13	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_QPSK	5.73	13	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_QAM16	6.44	13	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_QAM64	6.63	13	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_QAM256	8.20	13	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_BPSK	4.68	13	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_QPSK	5.59	13	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_QAM16	6.34	13	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_QAM64	6.59	13	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_QAM256	8.23	13	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_BPSK	4.82	13	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QPSK	5.71	13	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QAM16	6.41	13	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QAM64	6.68	13	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QAM256	8.18	13	PASS
n41(2535-2655)	30	100	519000	270@0	DFT_BPSK	5.06	13	PASS
n41(2535-2655)	30	100	519000	270@0	DFT_QPSK	5.77	13	PASS
n41(2535-2655)	30	100	519000	270@0	DFT_QAM16	6.42	13	PASS
n41(2535-2655)	30	100	519000	270@0	DFT_QAM64	6.70	13	PASS
n41(2535-2655)	30	100	519000	270@0	DFT_QAM256	8.26	13	PASS
n41(2535-2655)	30	100	520998	270@0	DFT_BPSK	5.43	13	PASS
n41(2535-2655)	30	100	520998	270@0	DFT_QPSK	5.72	13	PASS
n41(2535-2655)	30	100	520998	270@0	DFT_QAM16	6.38	13	PASS
n41(2535-2655)	30	100	520998	270@0	DFT_QAM64	6.67	13	PASS
n41(2535-2655)	30	100	520998	270@0	DFT_QAM256	8.11	13	PASS

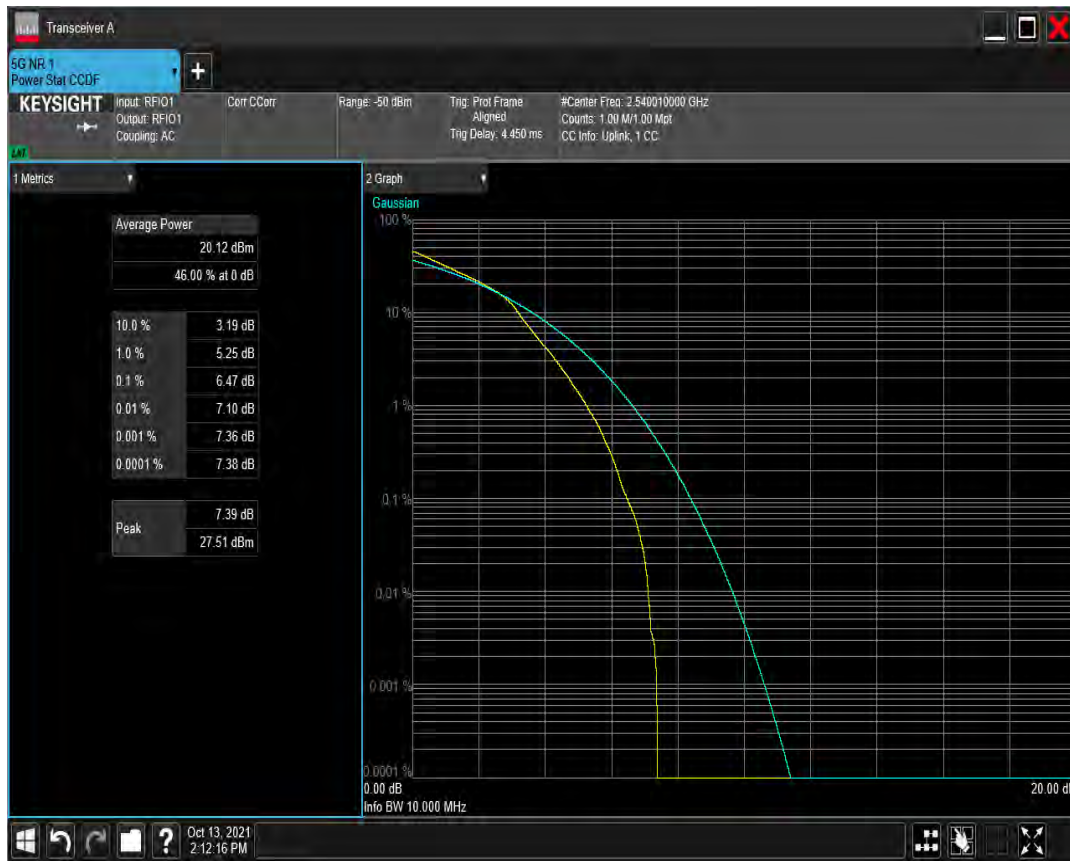
n41(2535-2655) SCS=30kHz DFT_BPSK BW=10MHz Channel=508002 RB=24@0



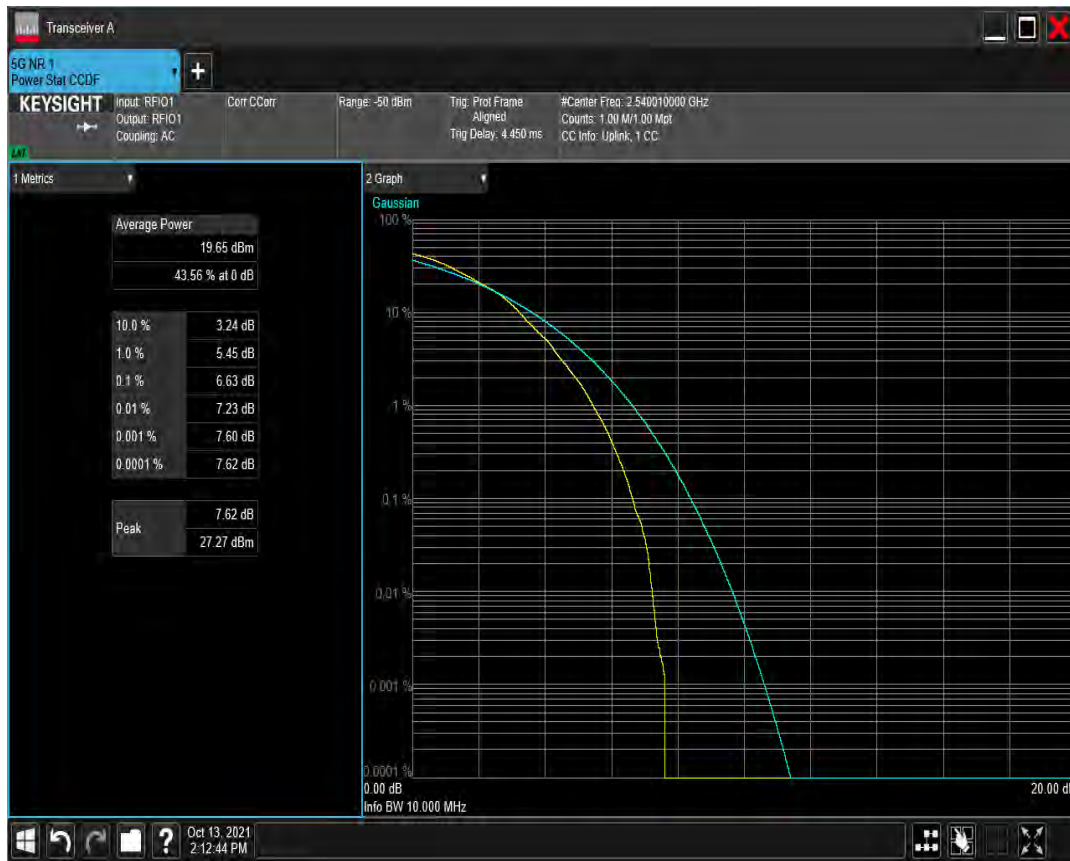
n41(2535-2655) SCS=30kHz DFT_QPSK BW=10MHz Channel=508002 RB=24@0



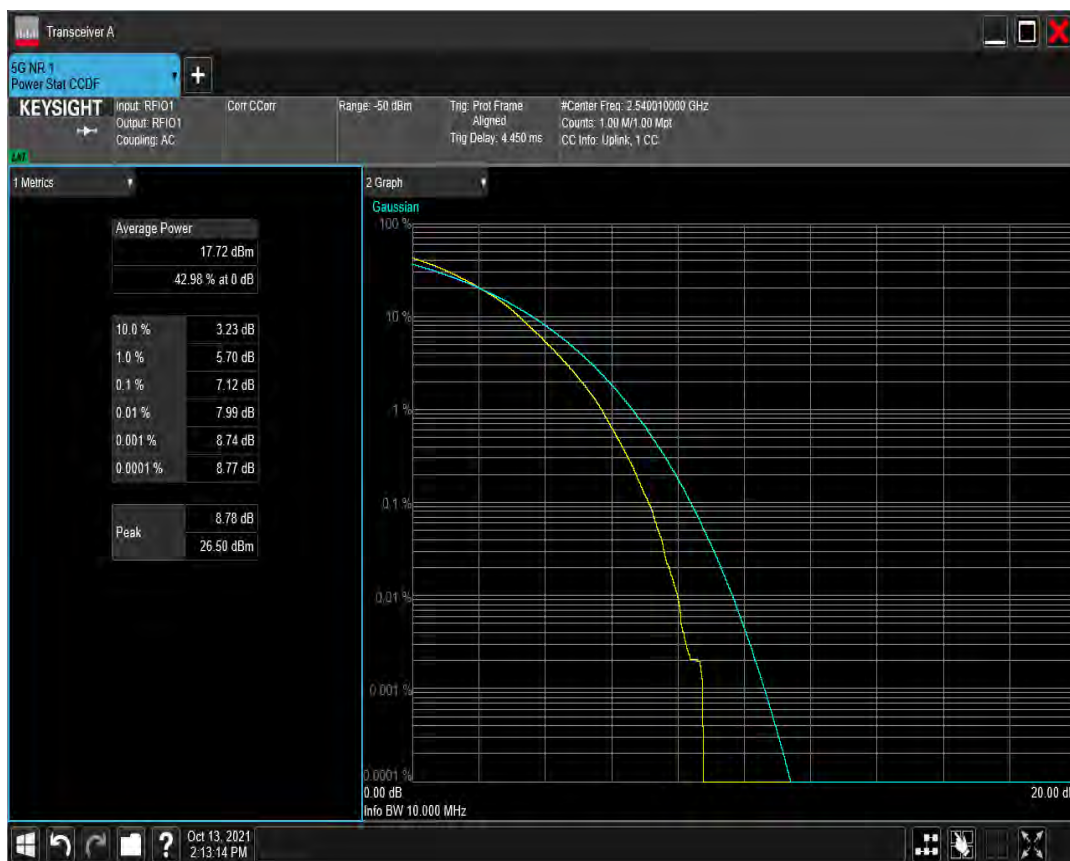
n41(2535-2655) SCS=30kHz DFT_QAM16 BW=10MHz Channel=508002 RB=24@0



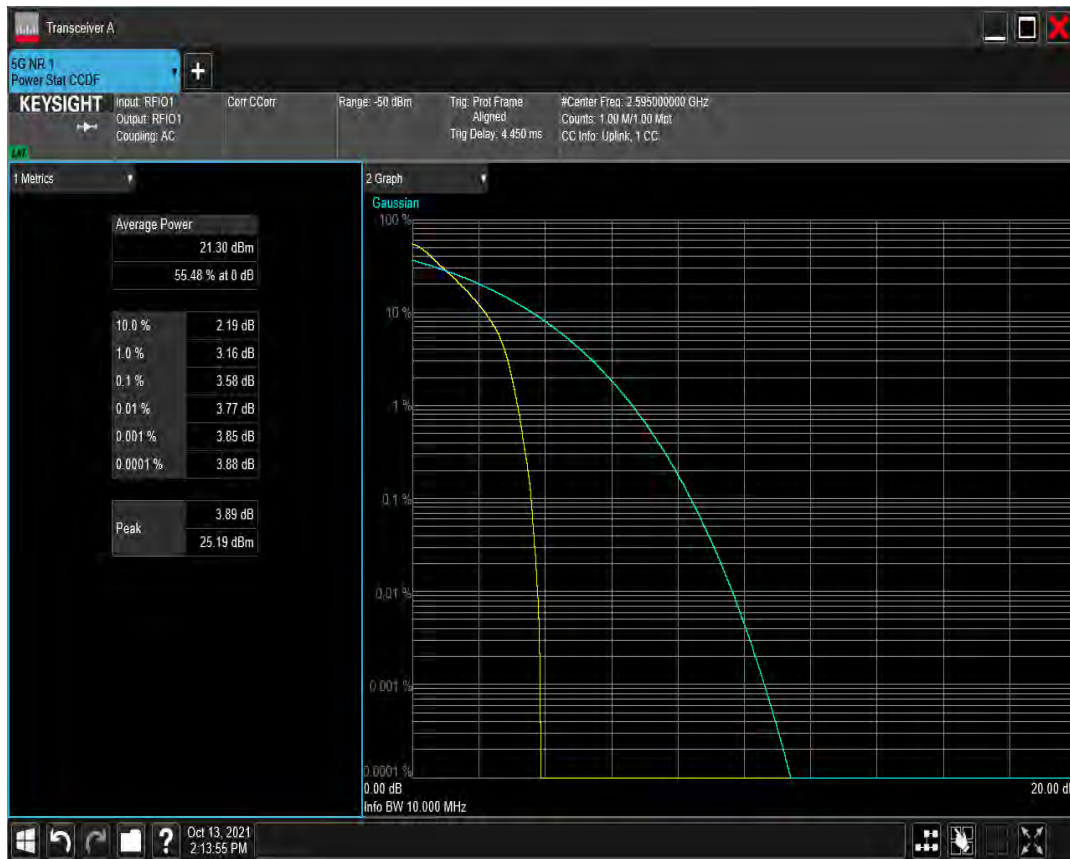
n41(2535-2655) SCS=30kHz DFT_QAM64 BW=10MHz Channel=508002 RB=24@0



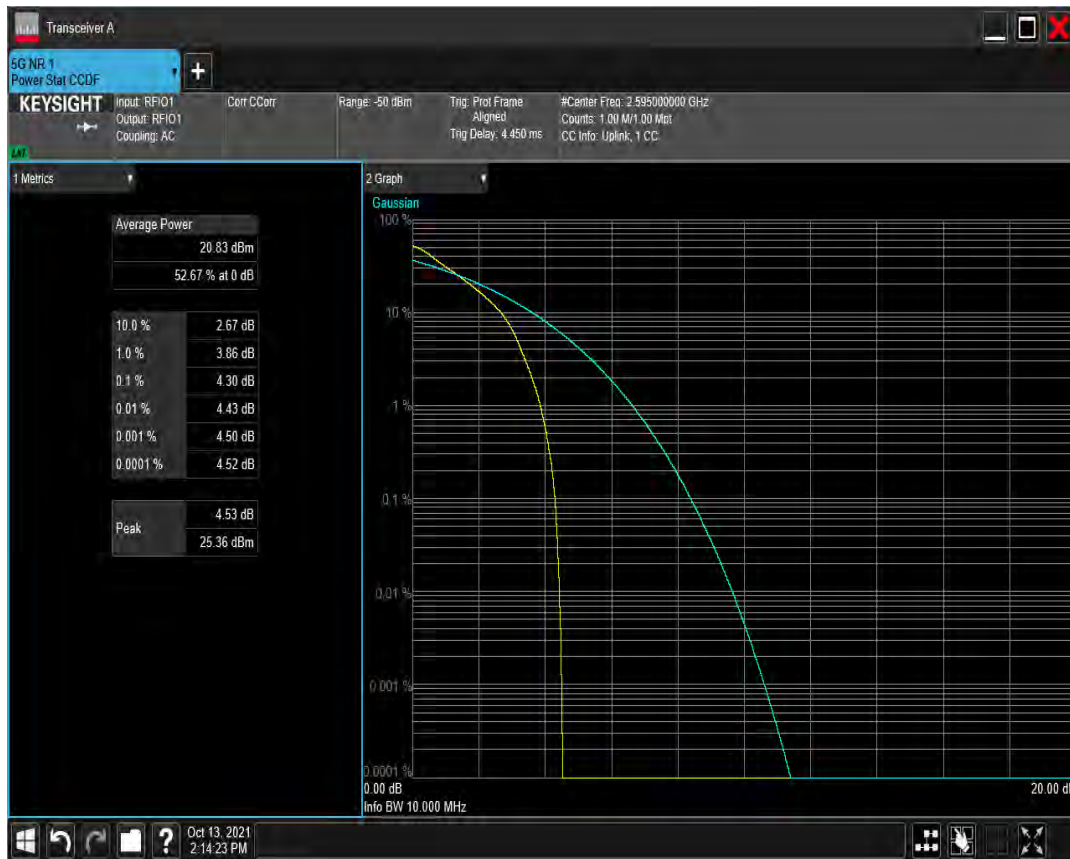
n41(2535-2655) SCS=30kHz DFT_QAM256 BW=10MHz Channel=508002 RB=24@0



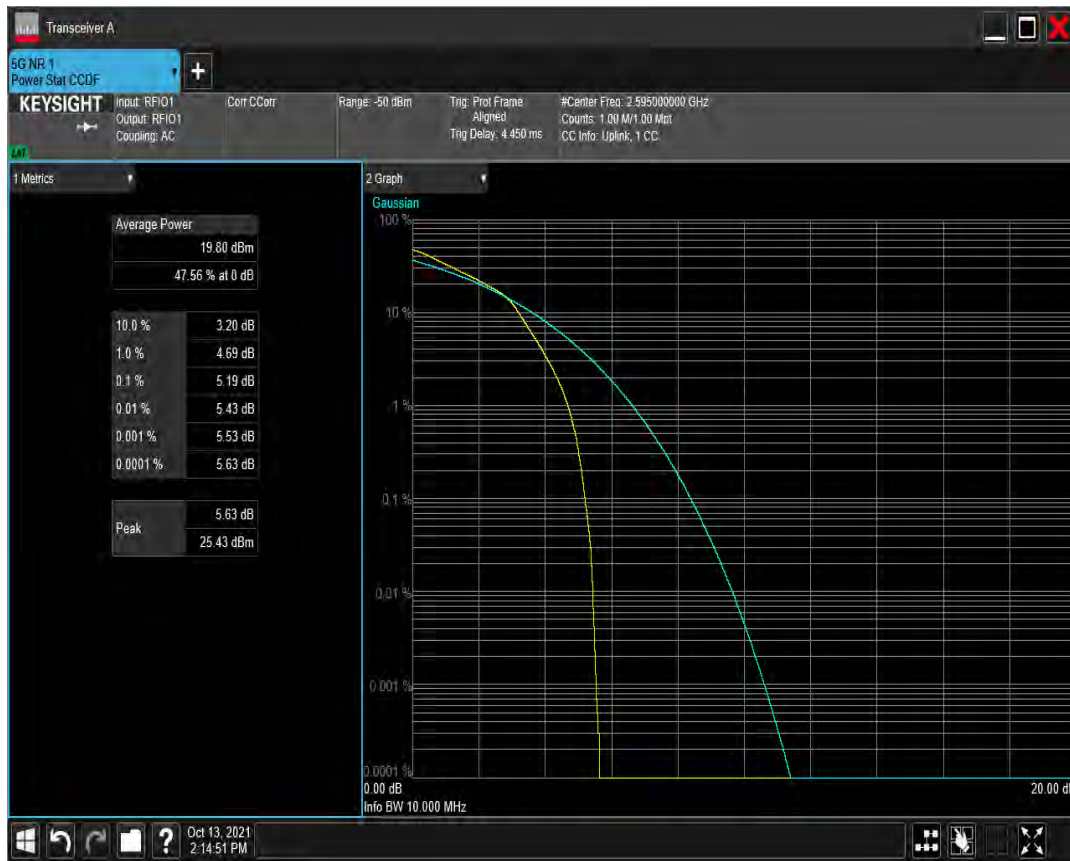
n41(2535-2655) SCS=30kHz DFT_BPSK BW=10MHz Channel=519000 RB=24@0



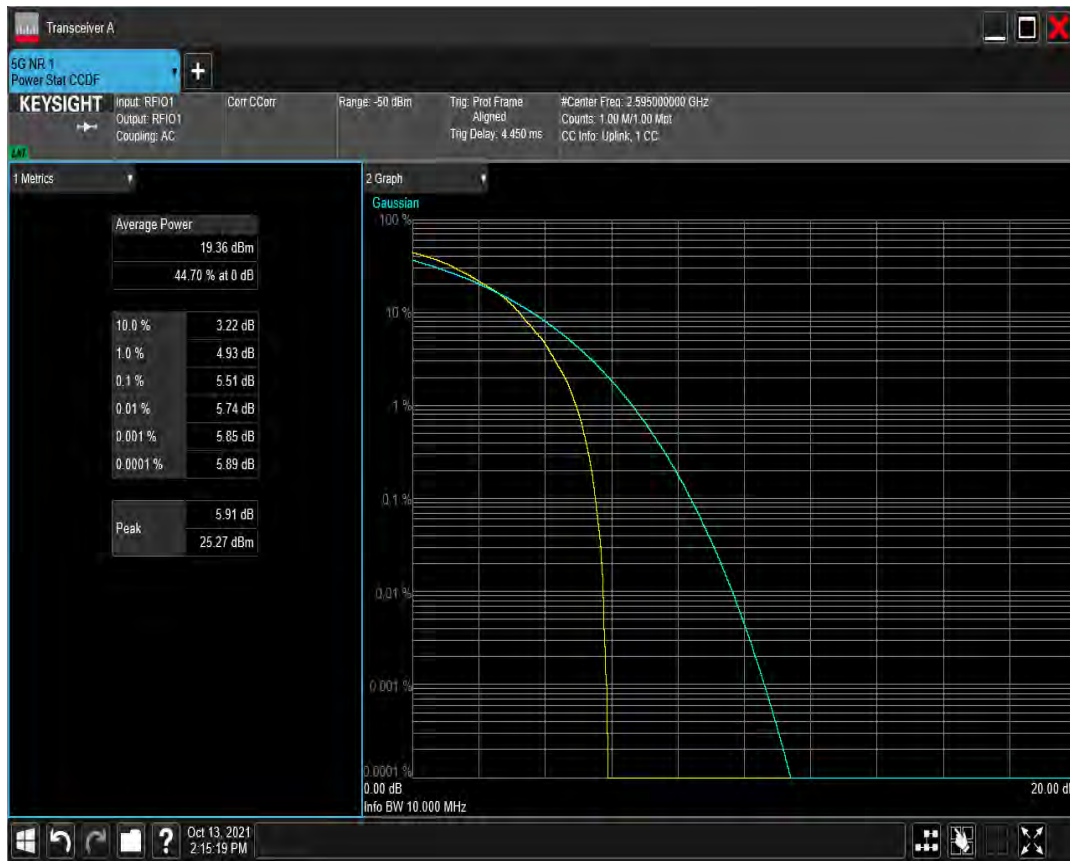
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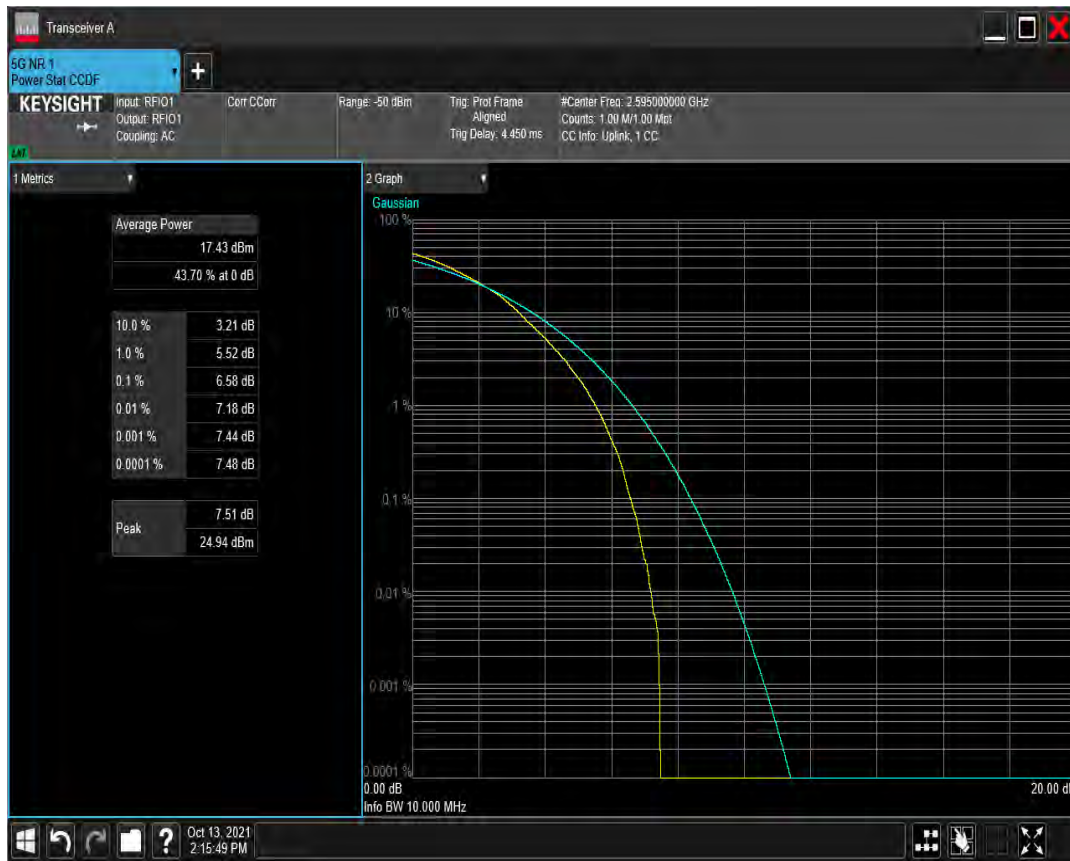
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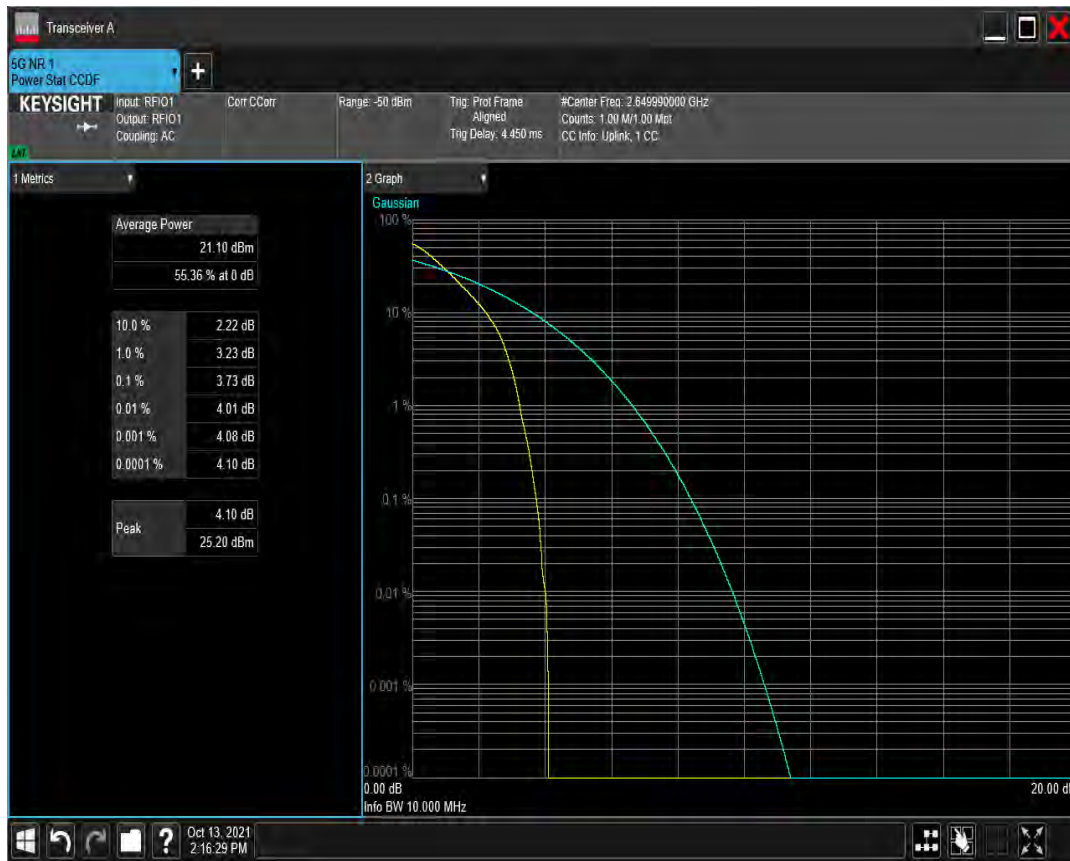
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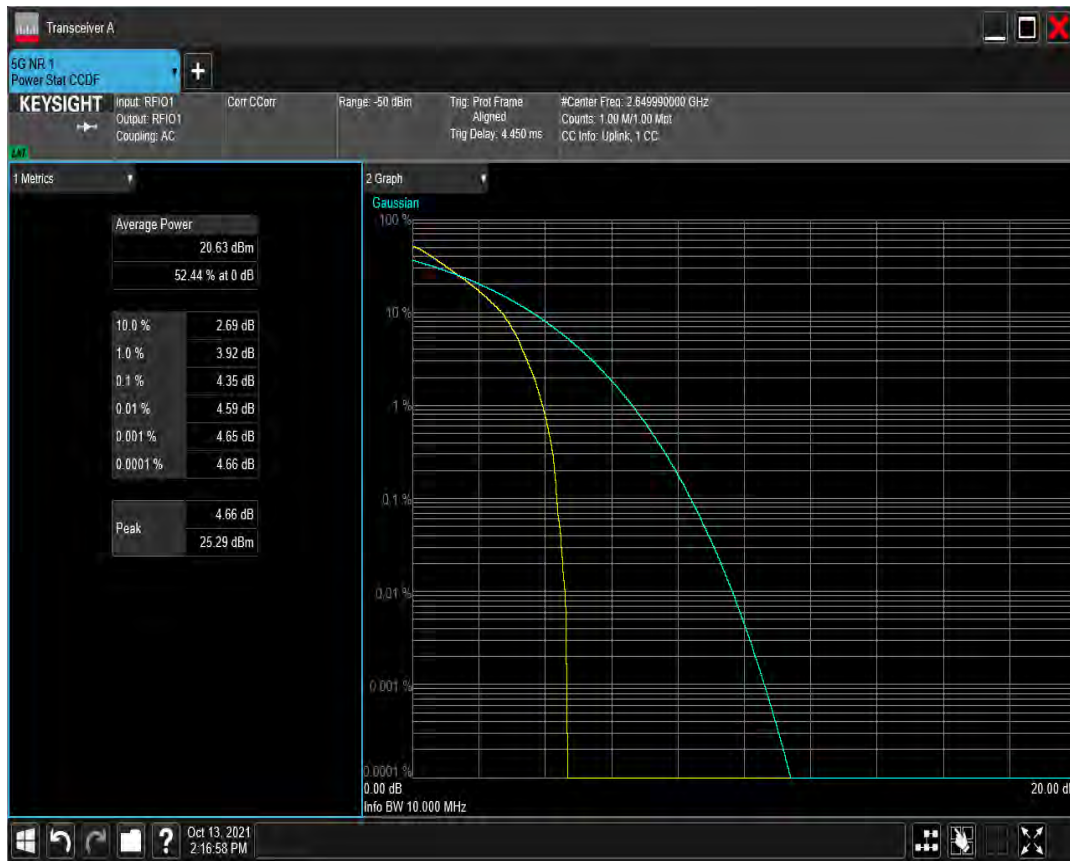
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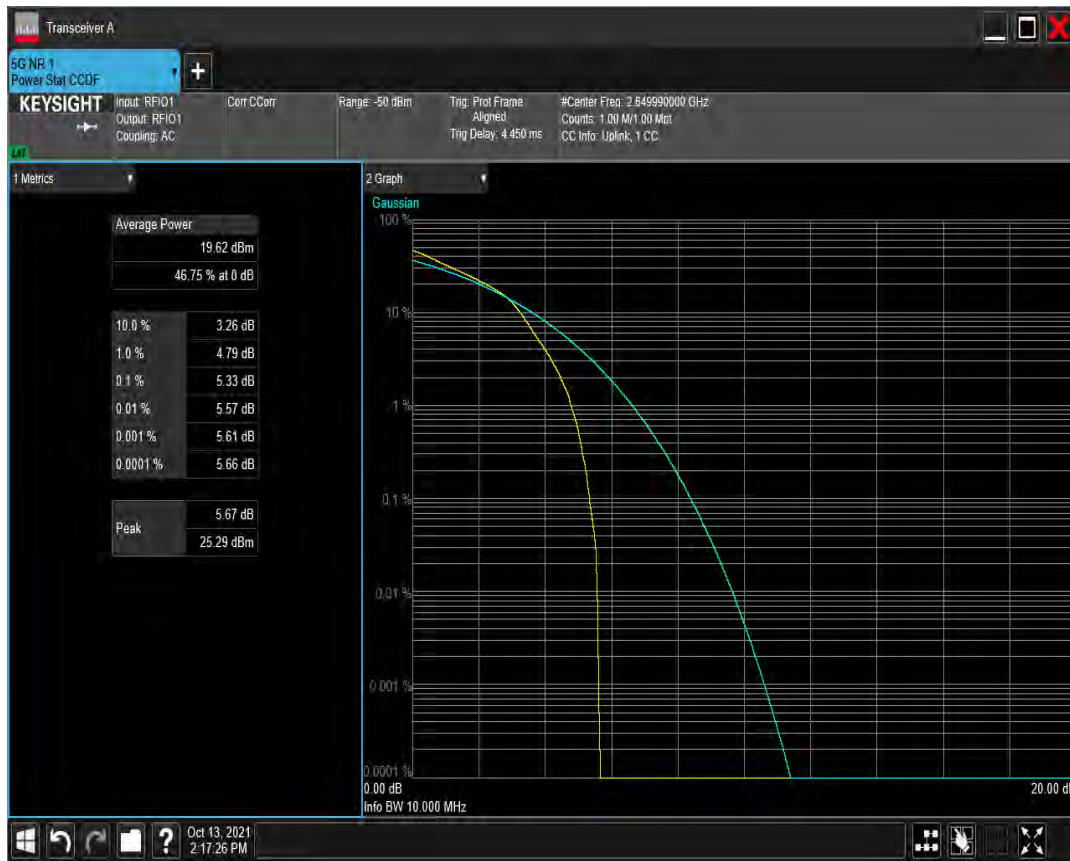
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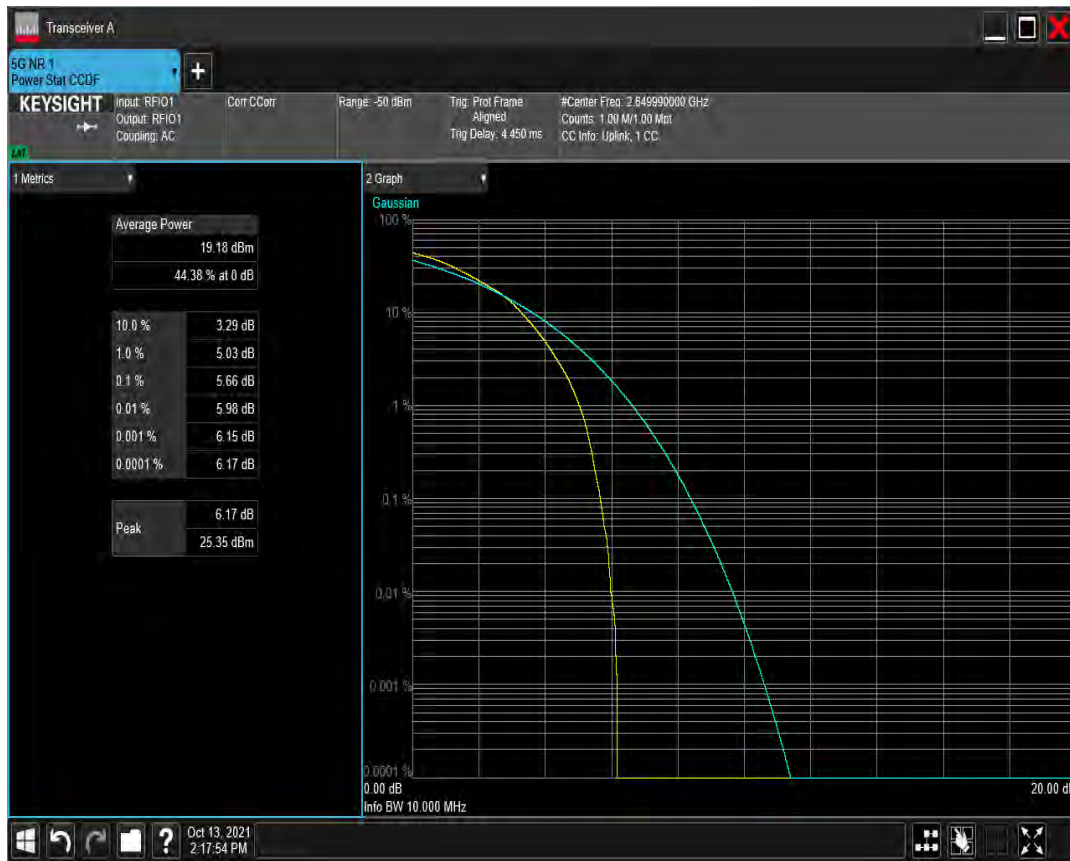
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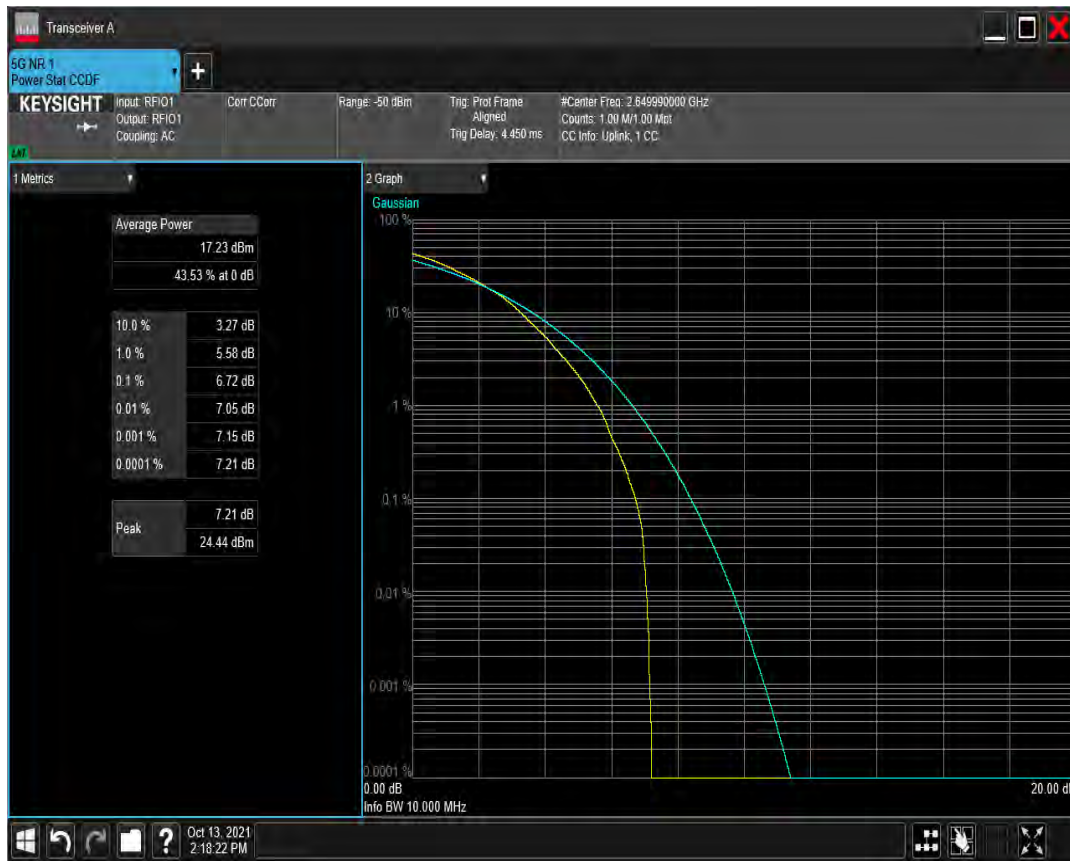
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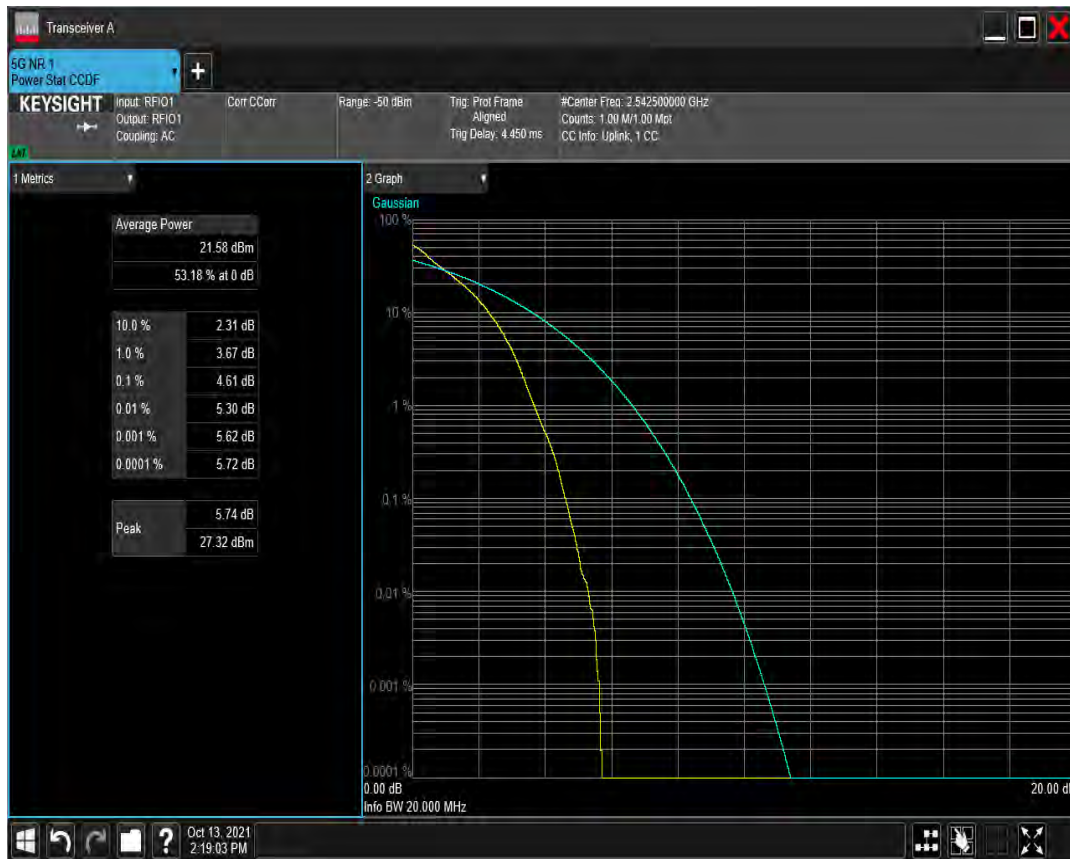
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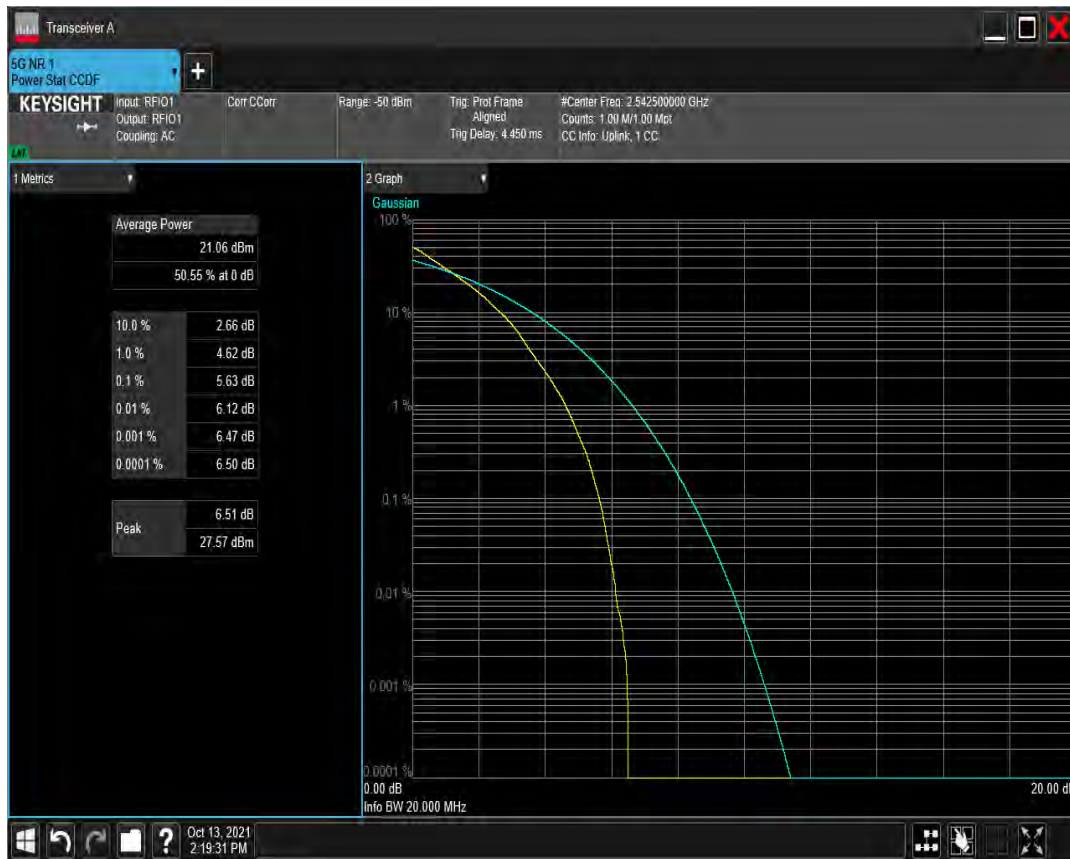
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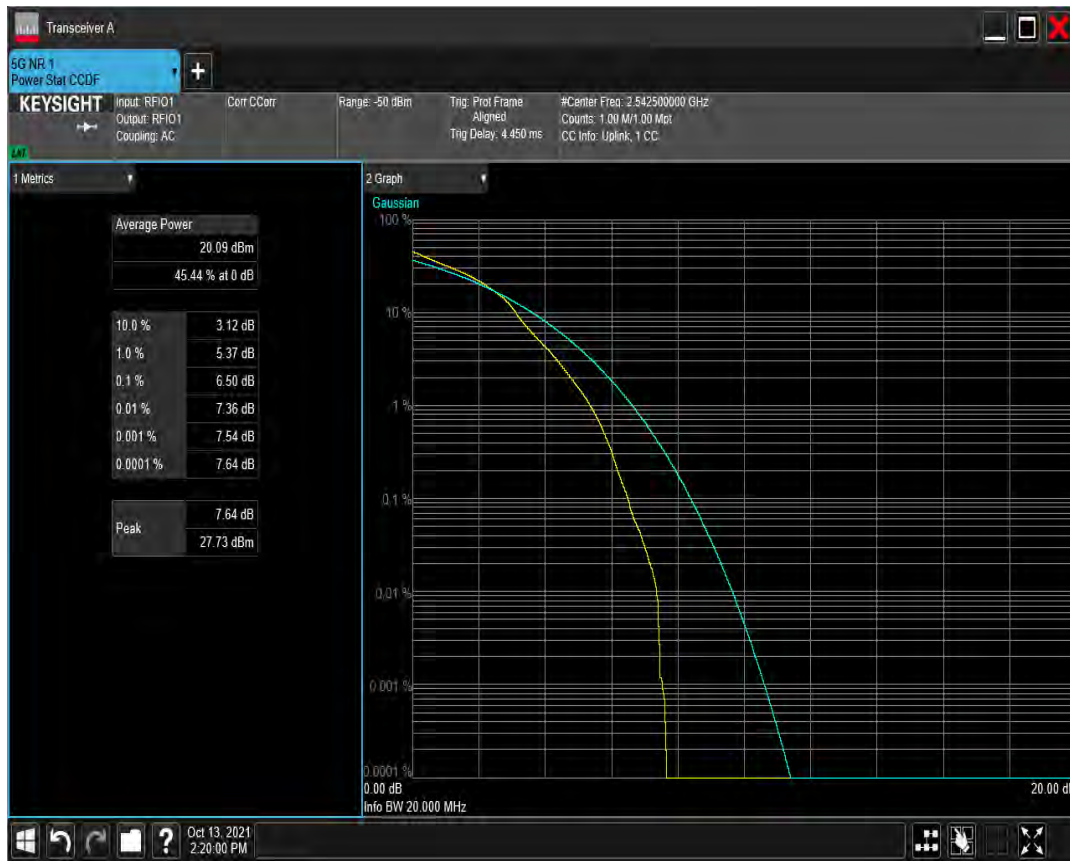
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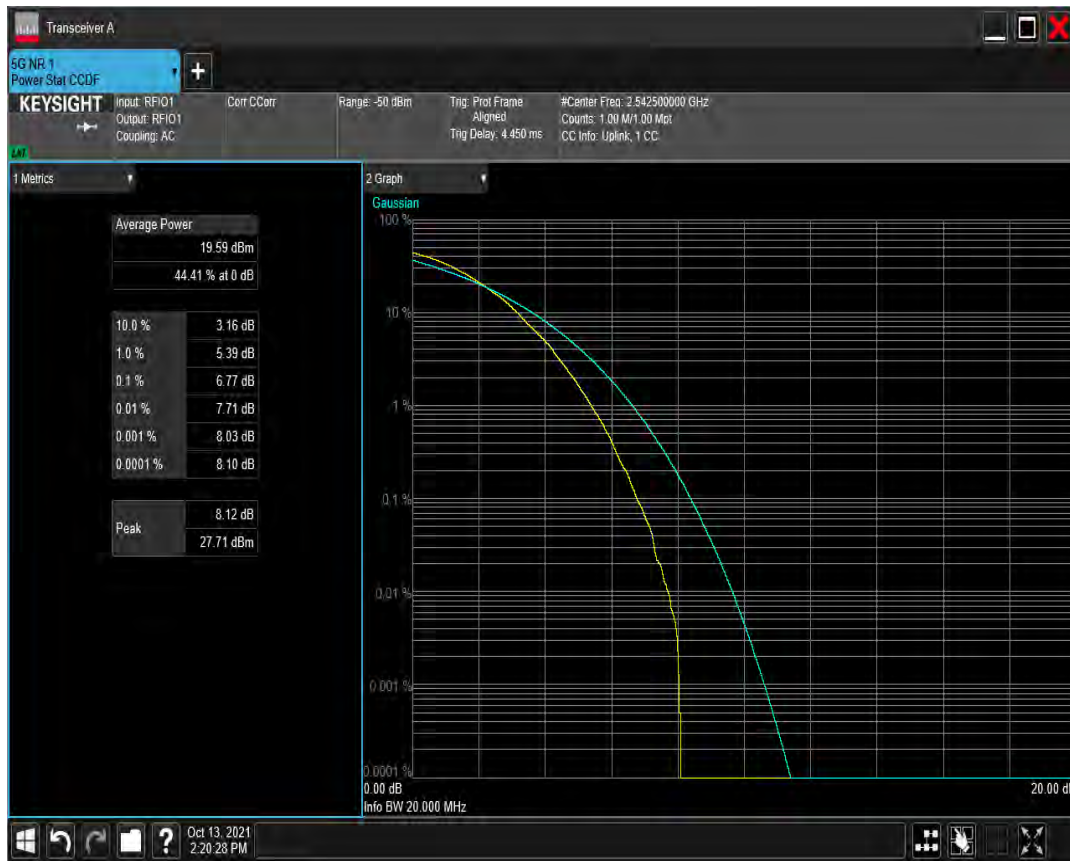
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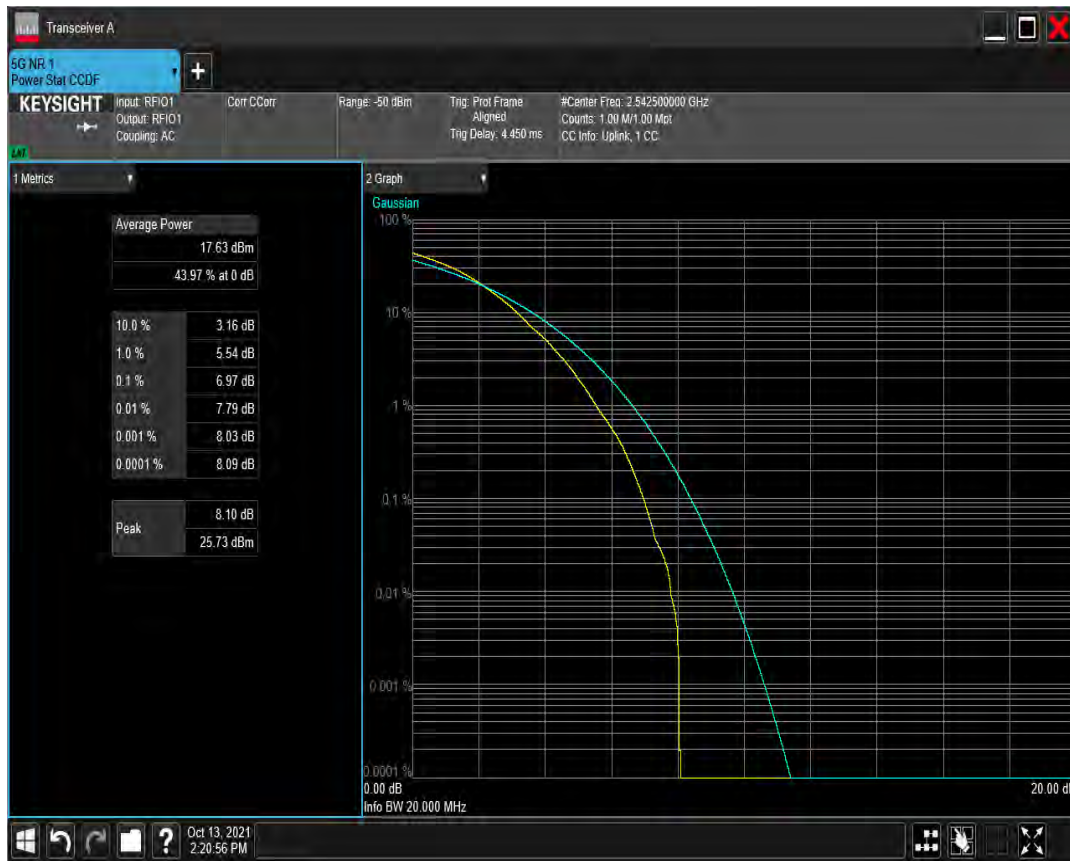
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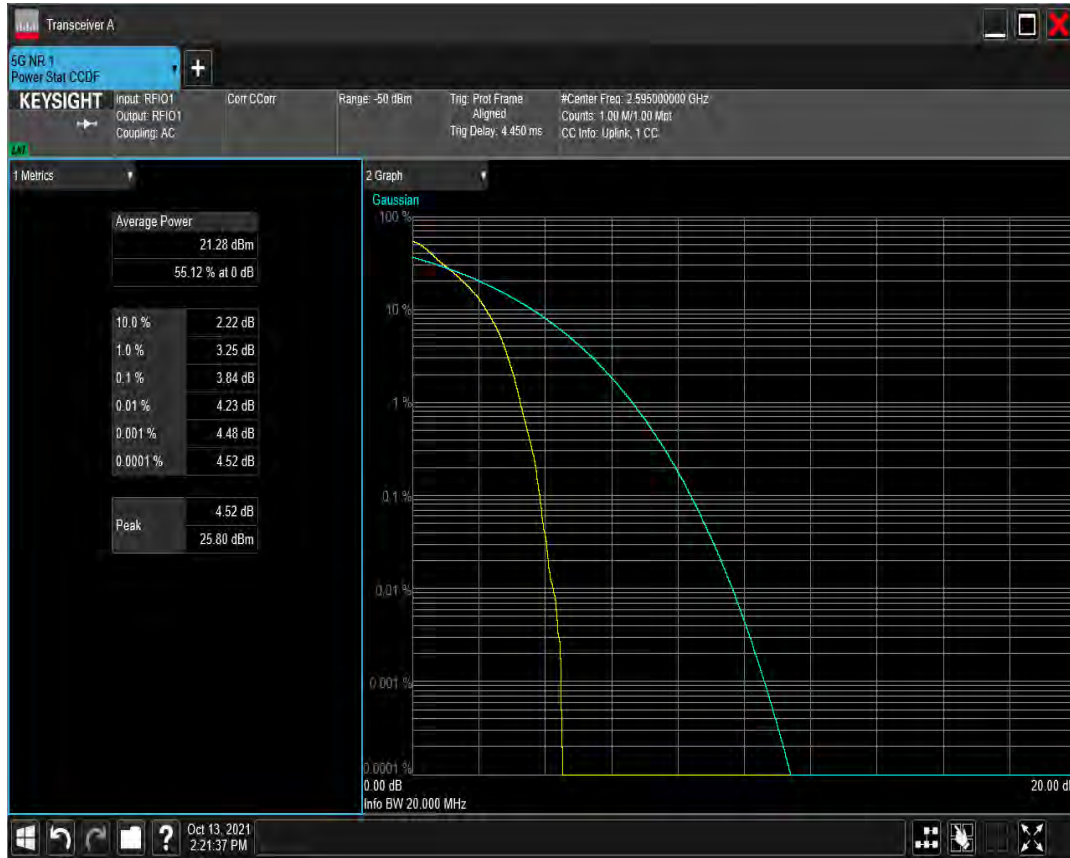
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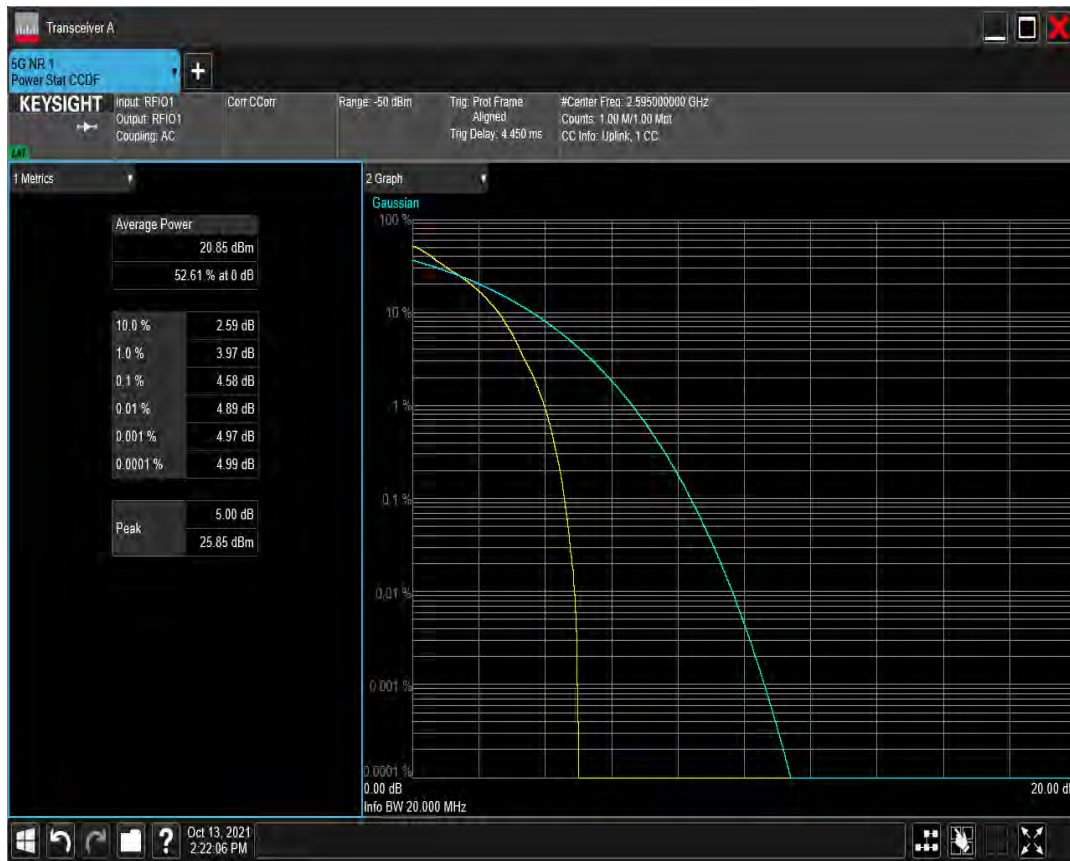
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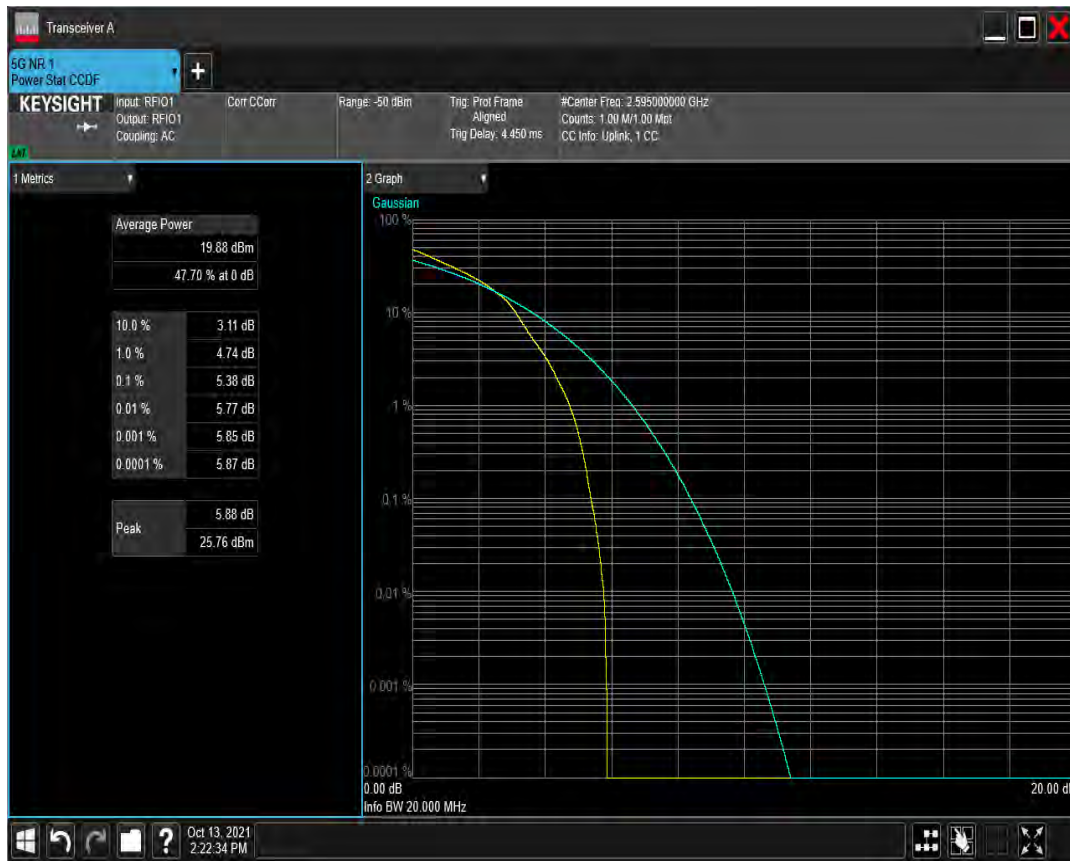
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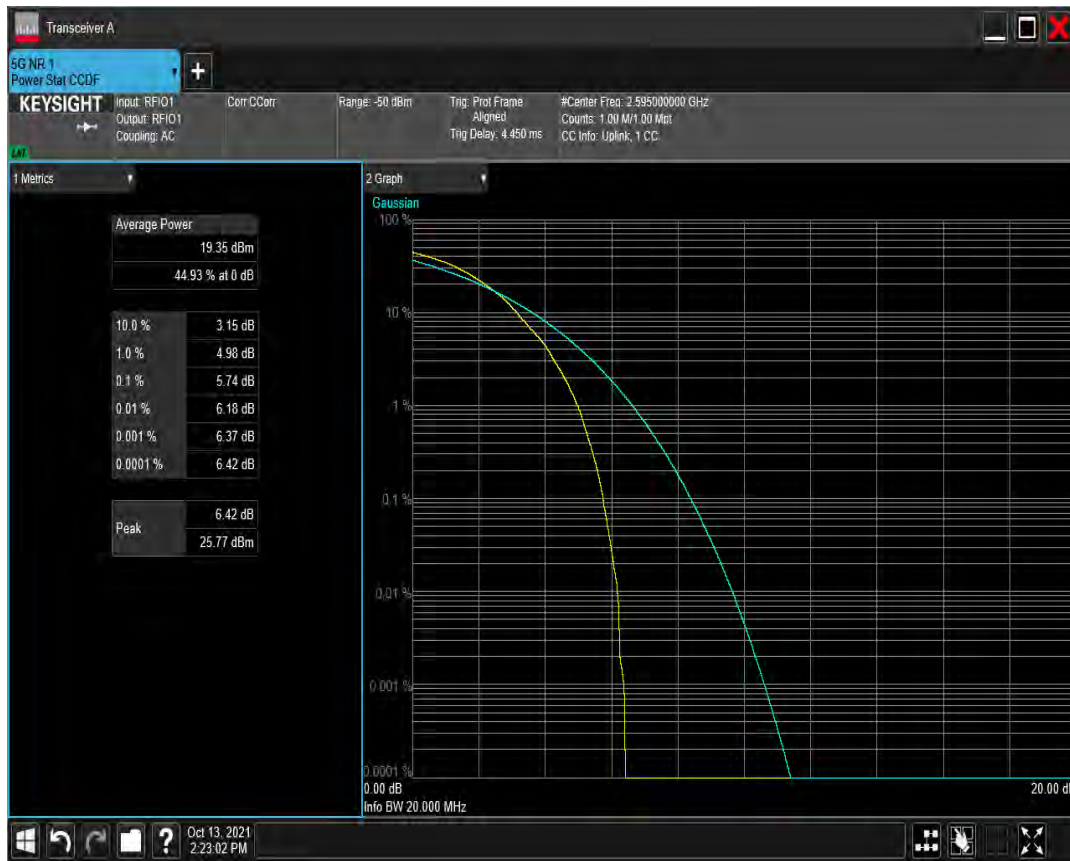
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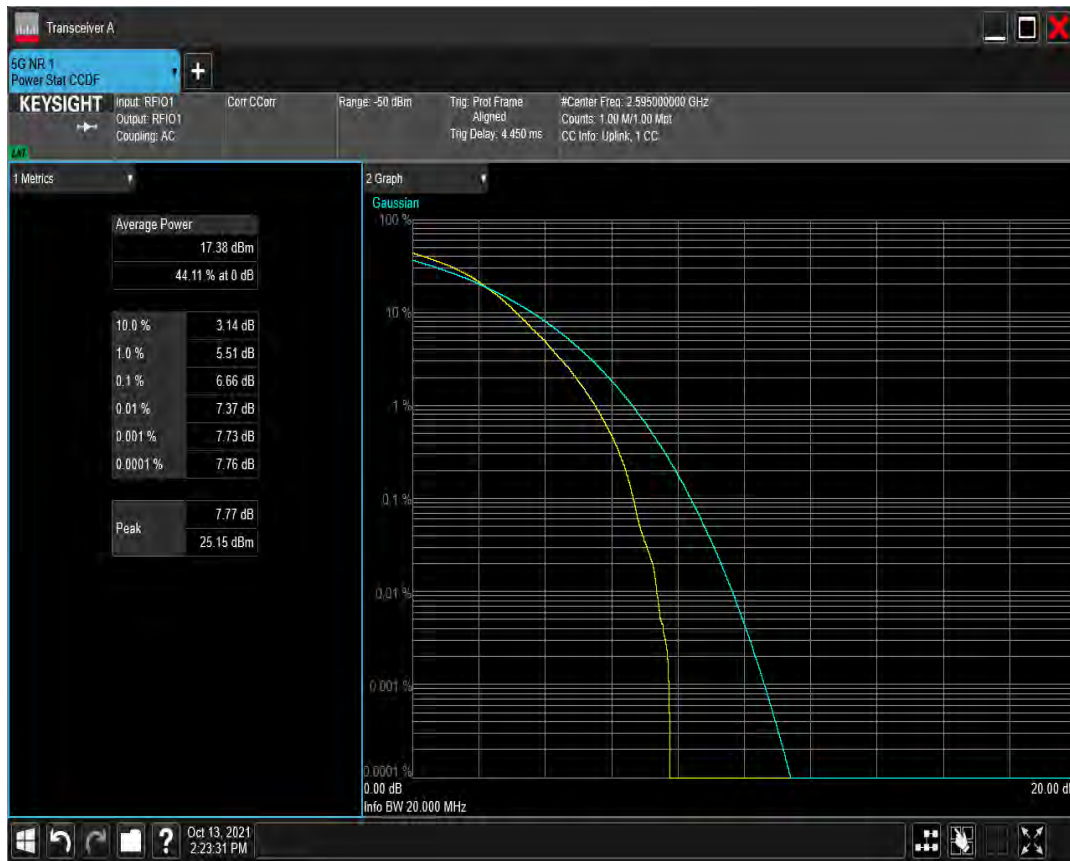
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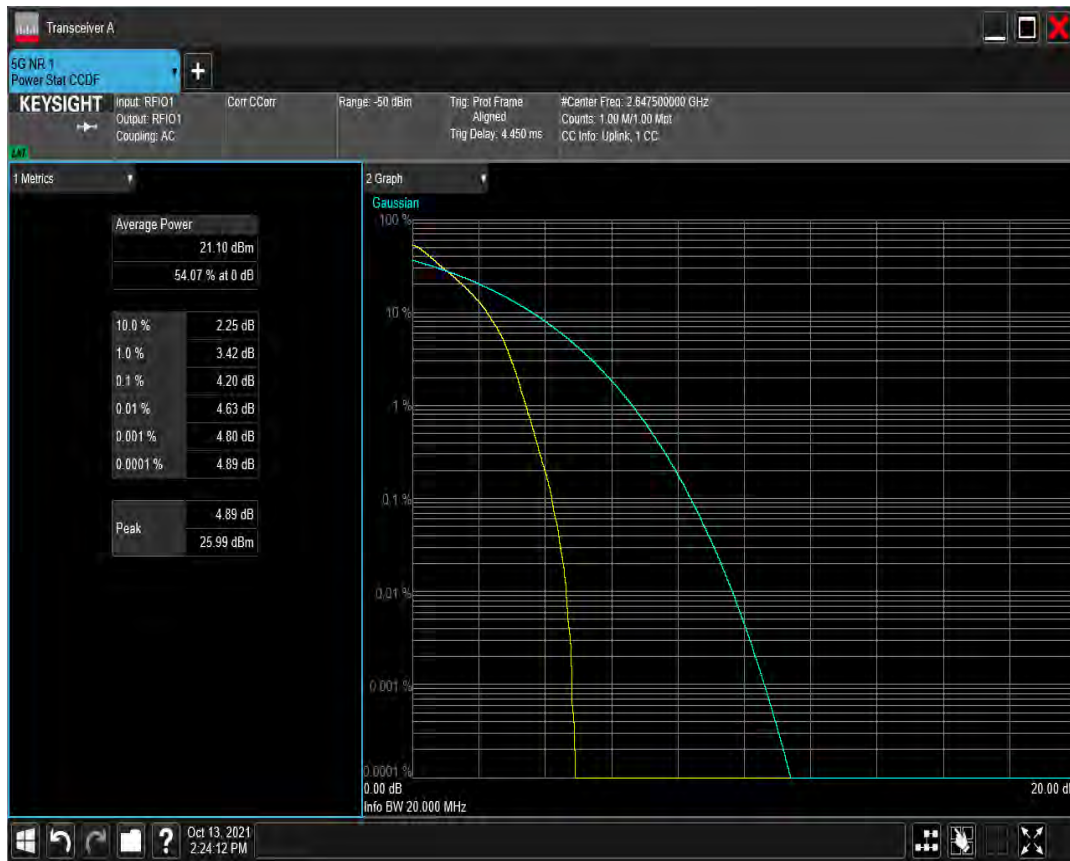
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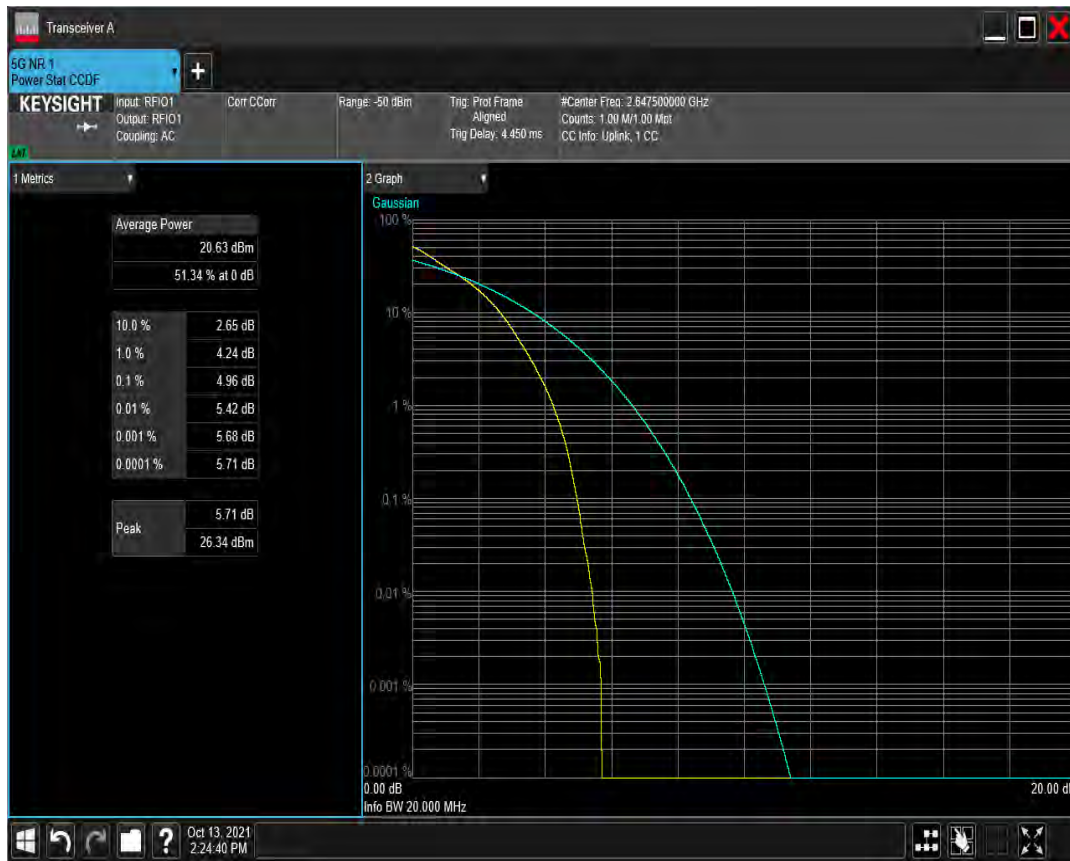
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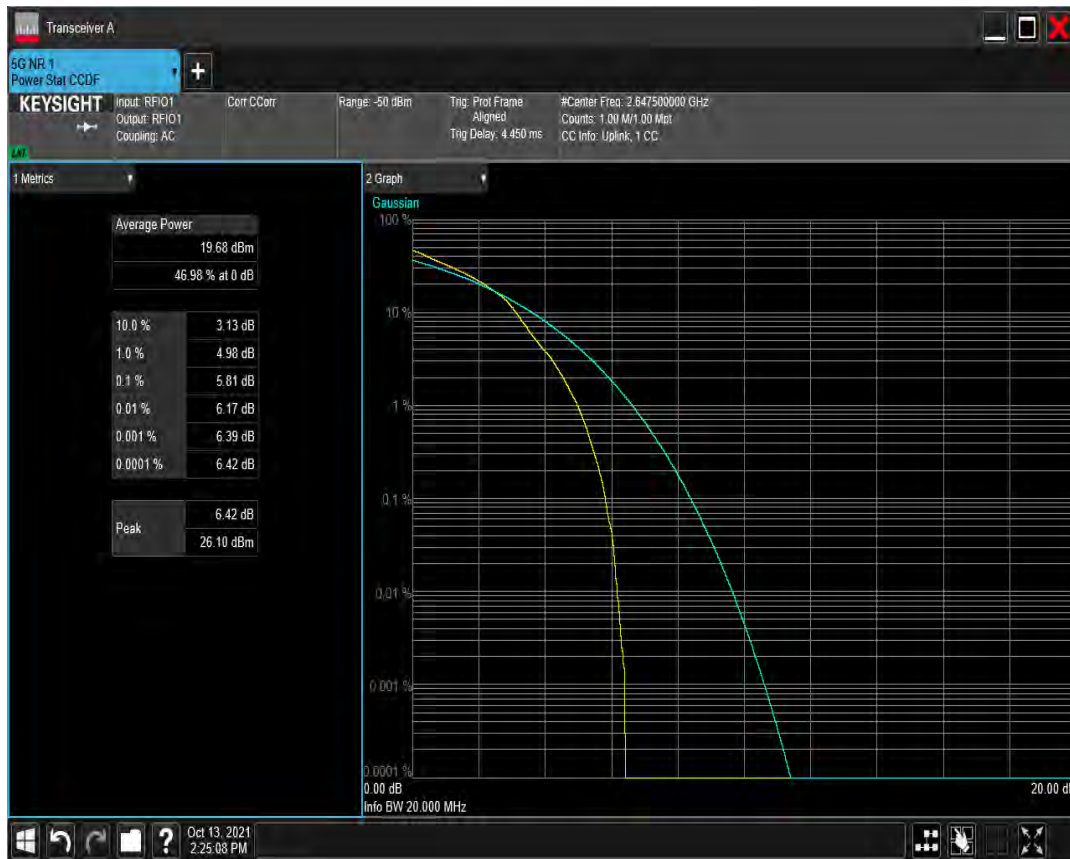
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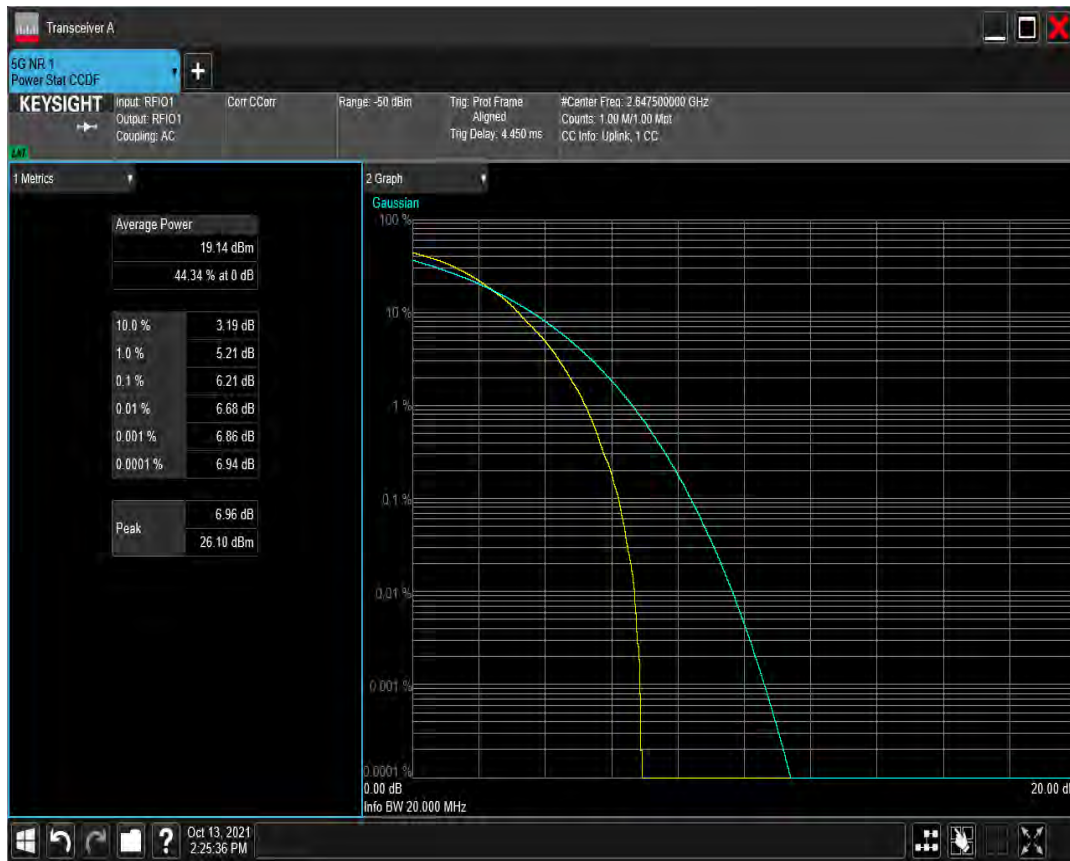
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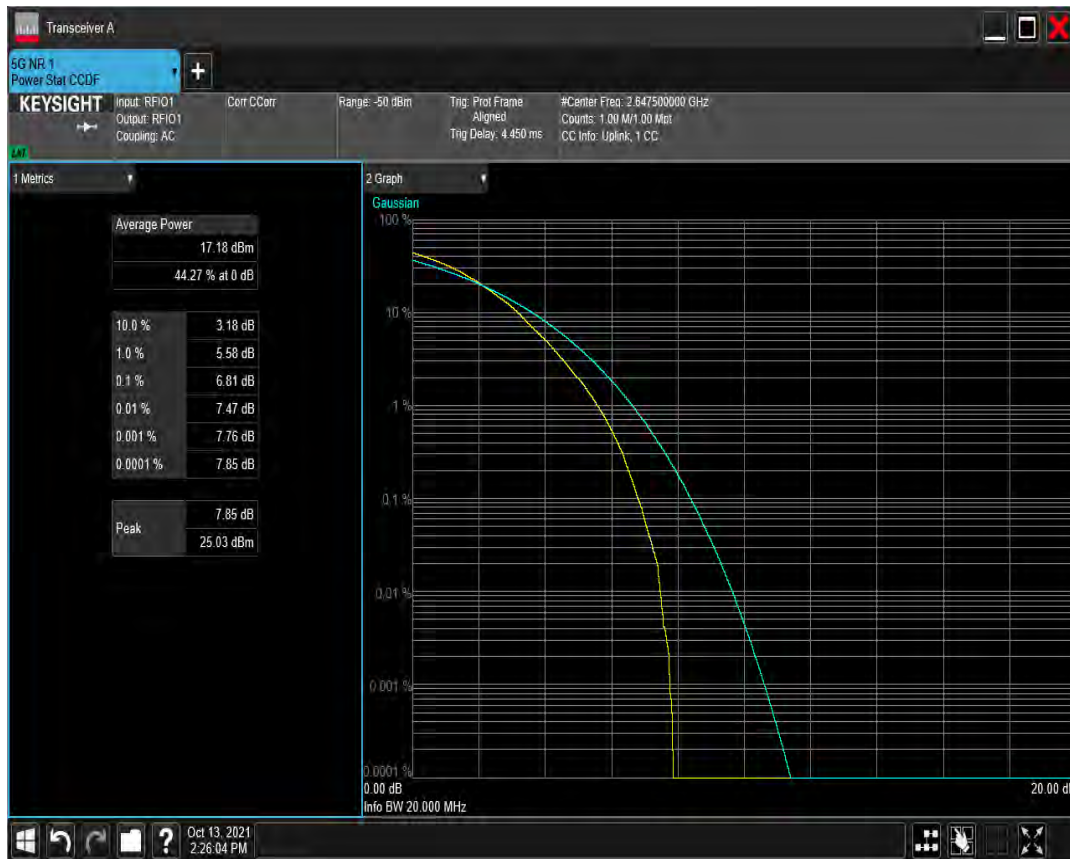
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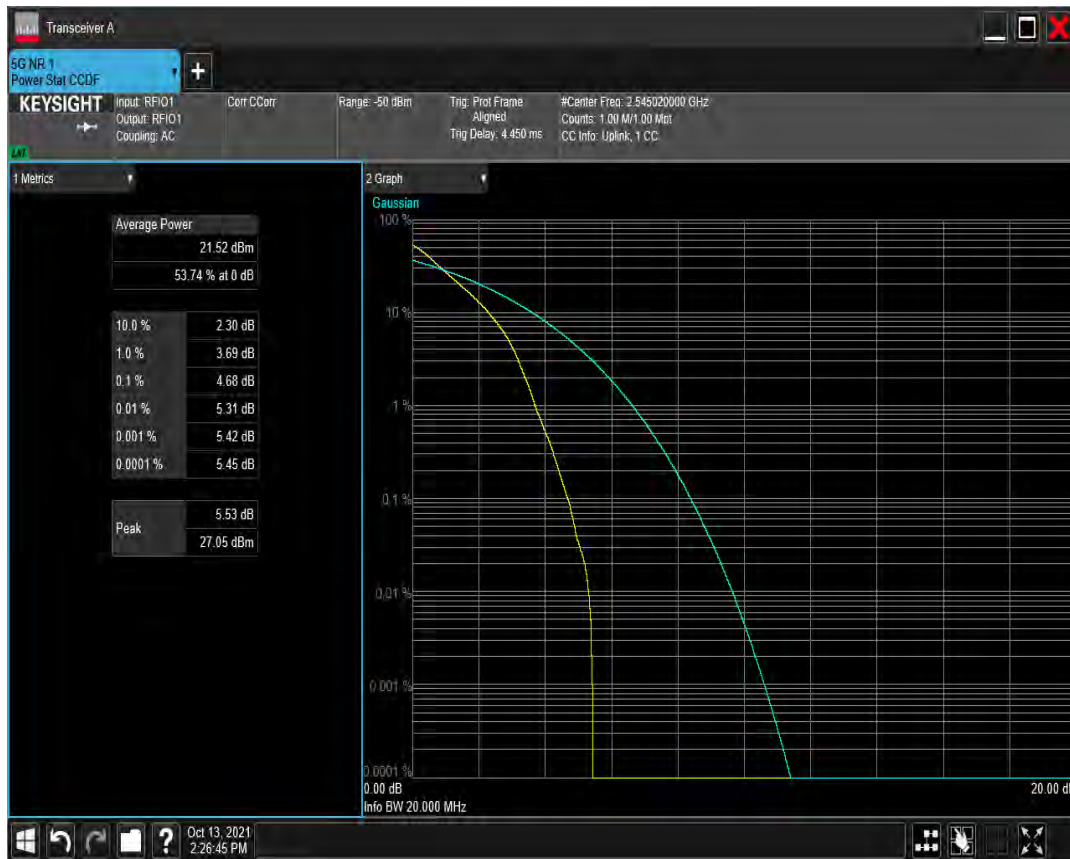
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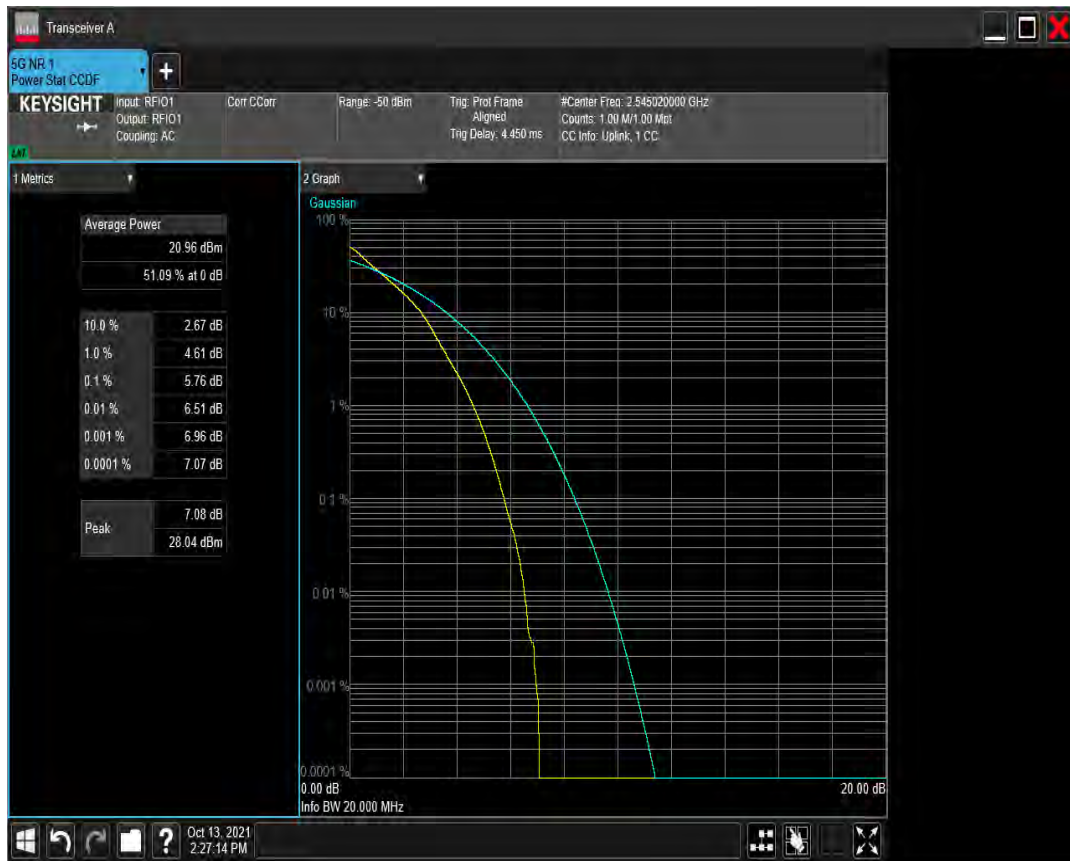
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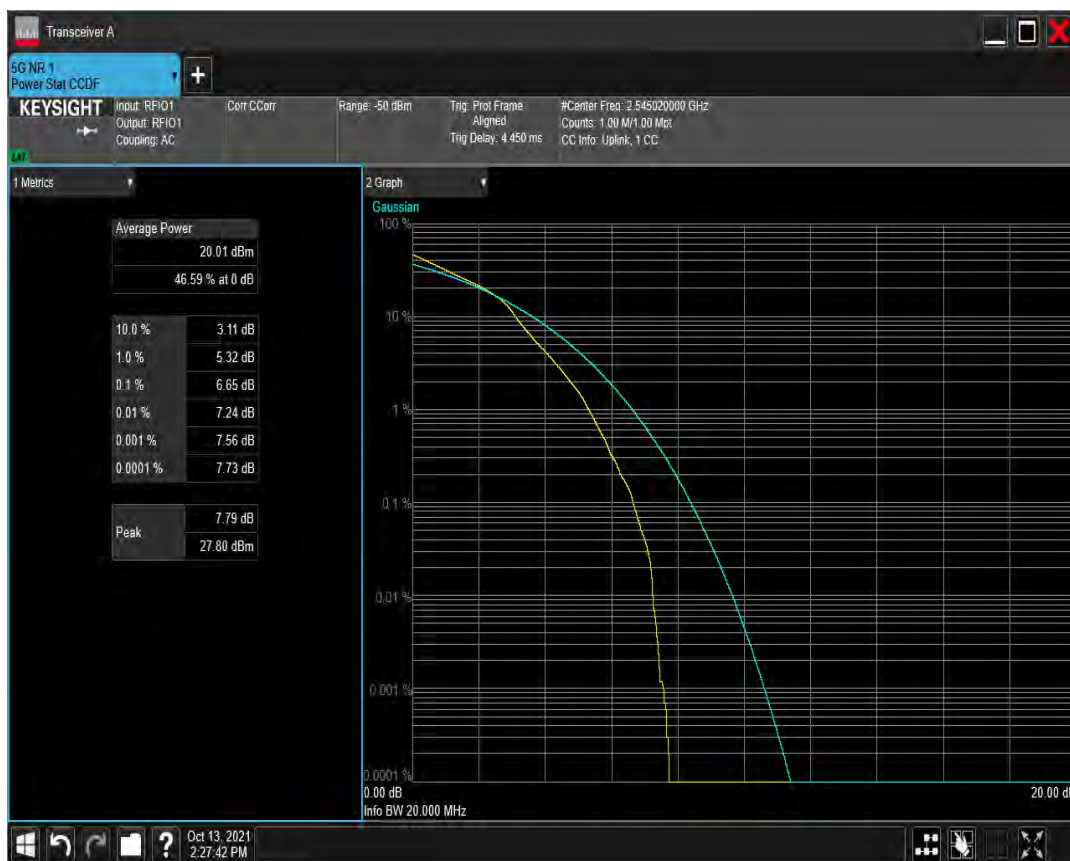
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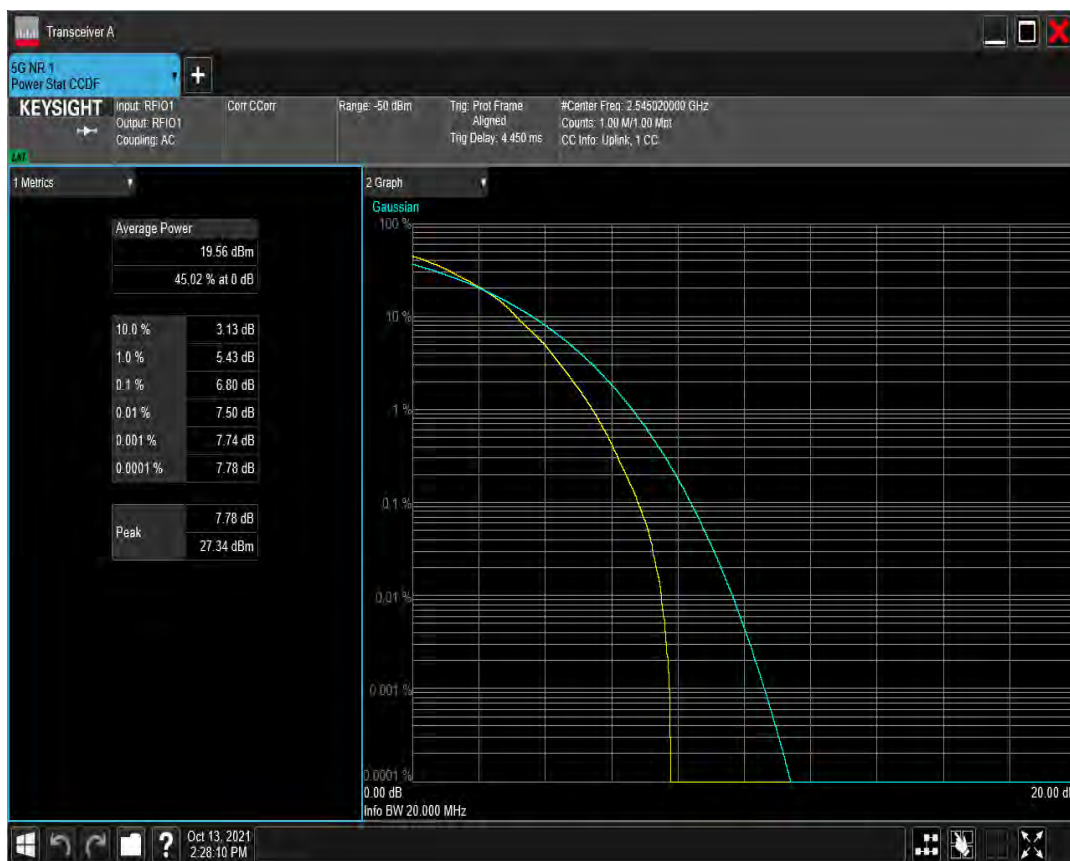
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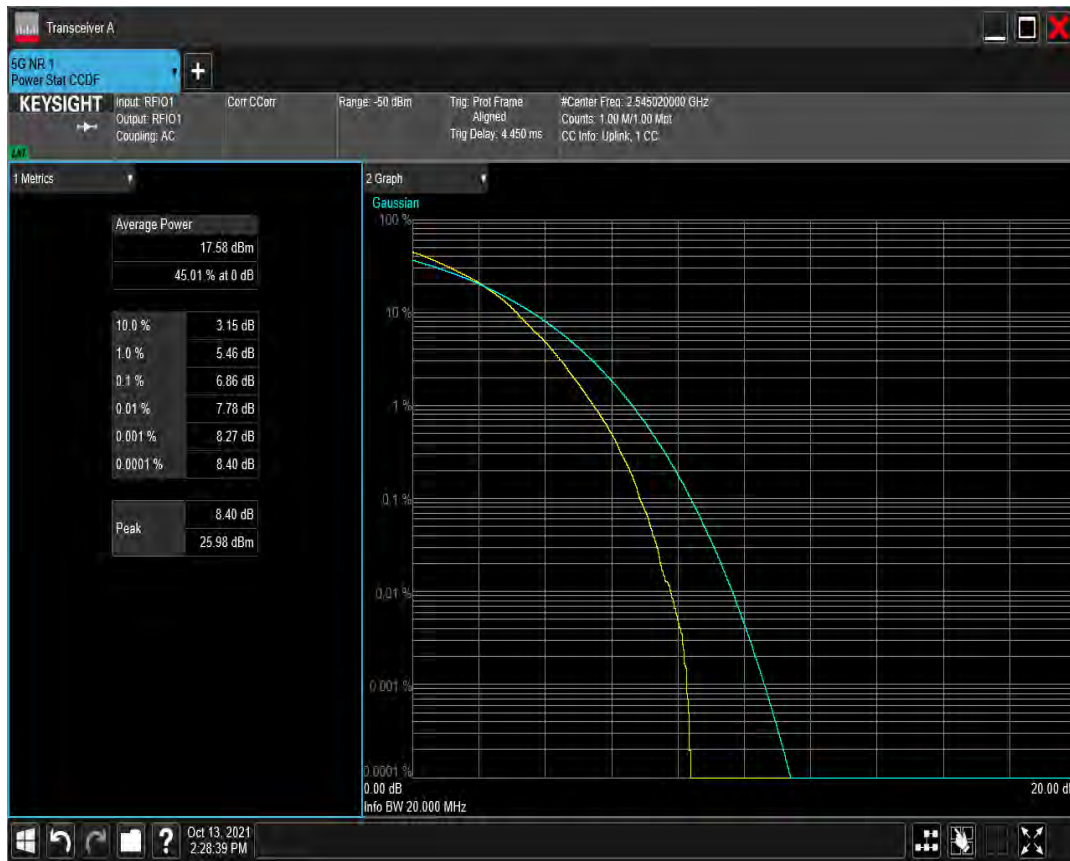
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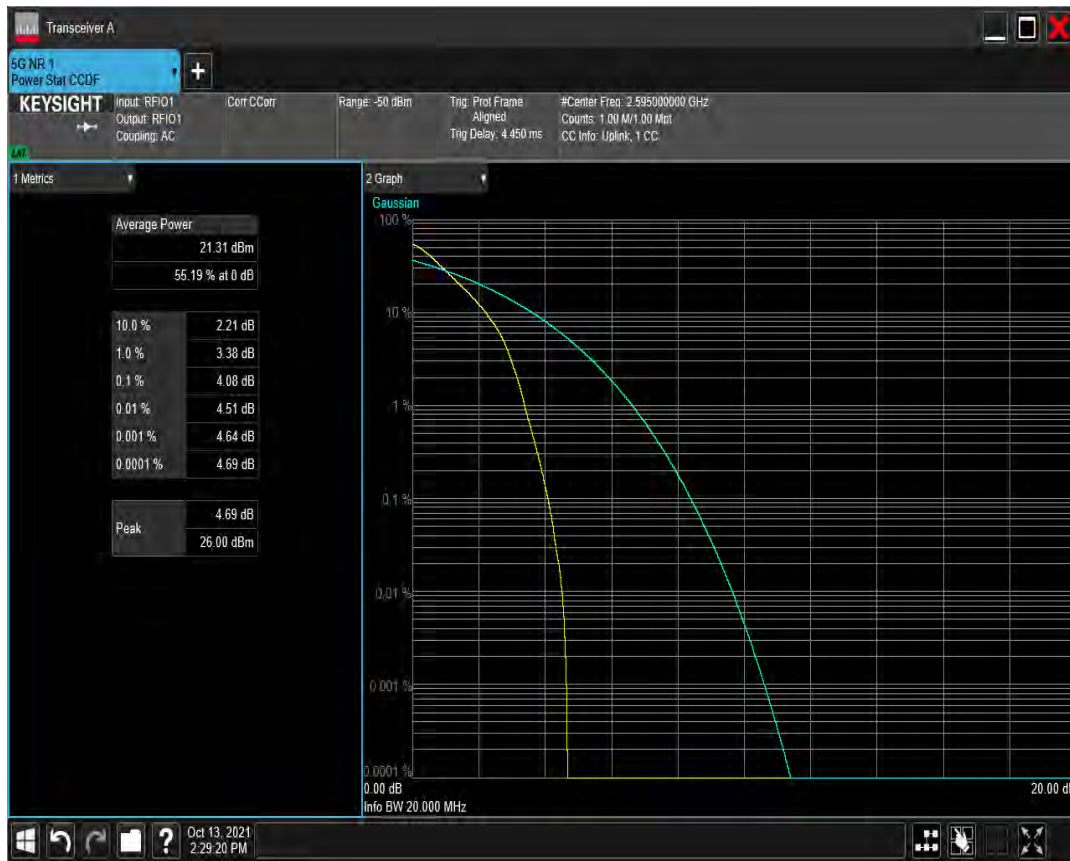
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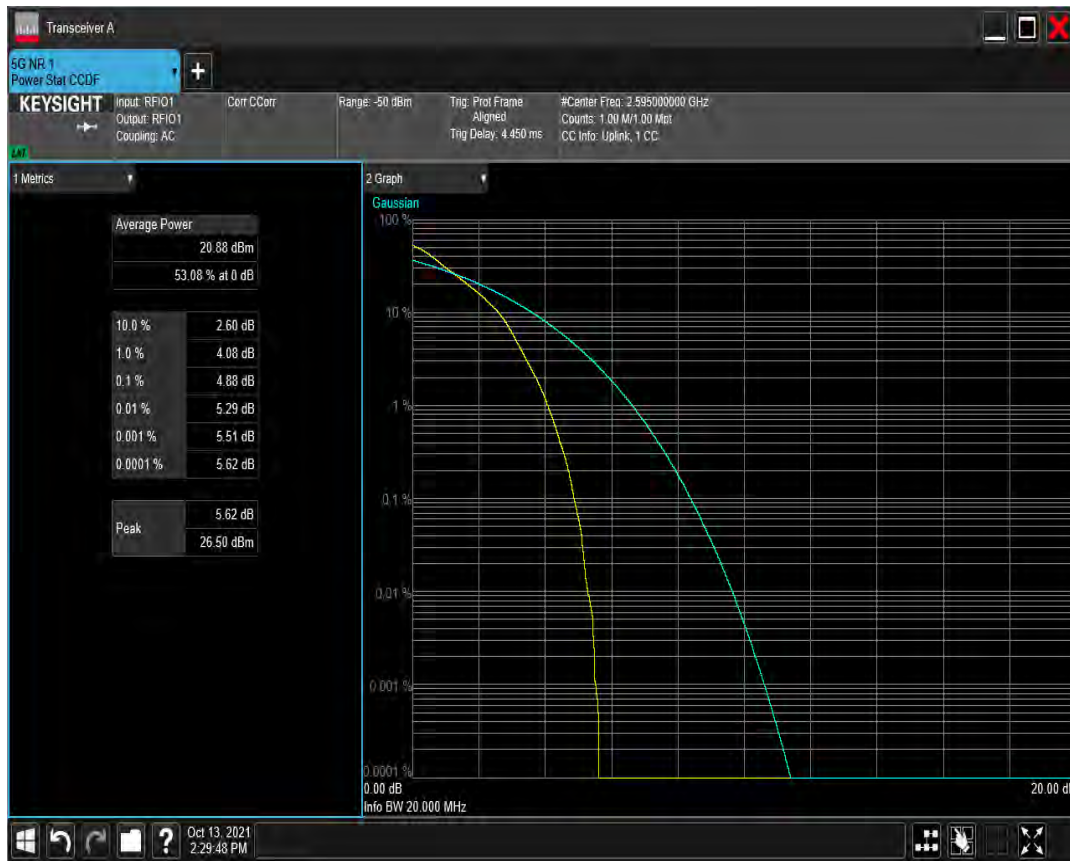
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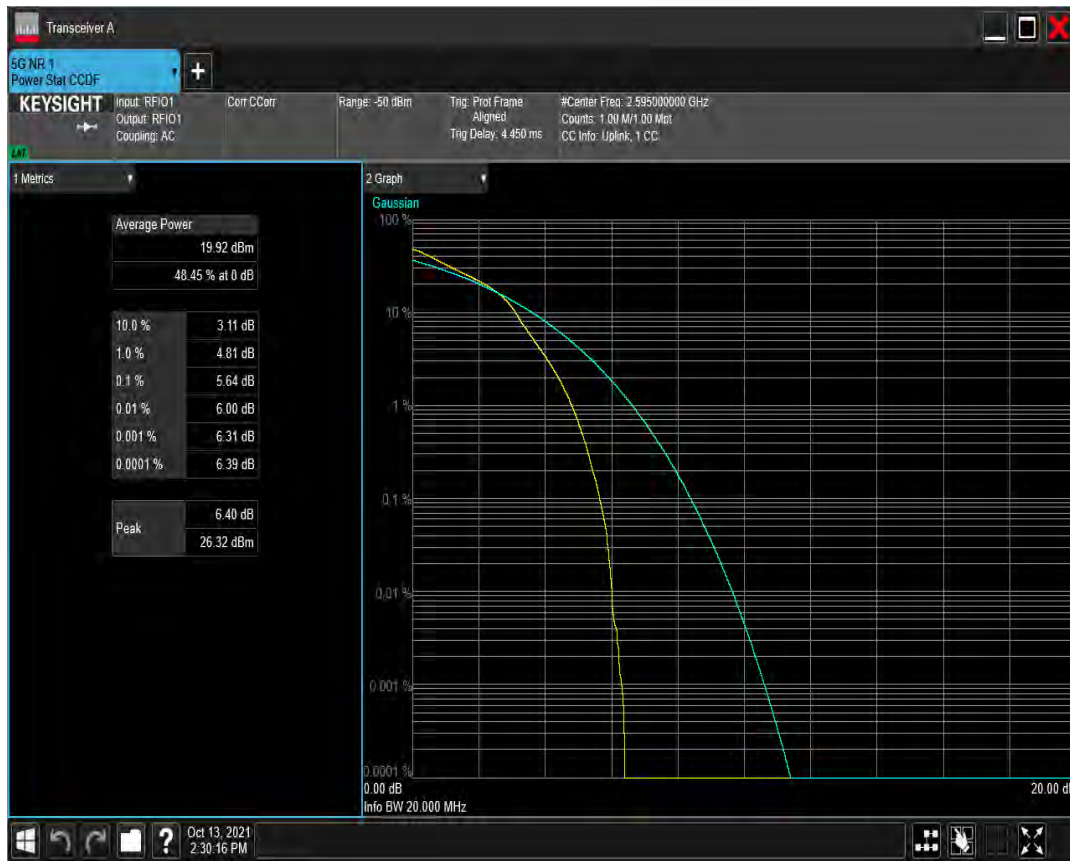
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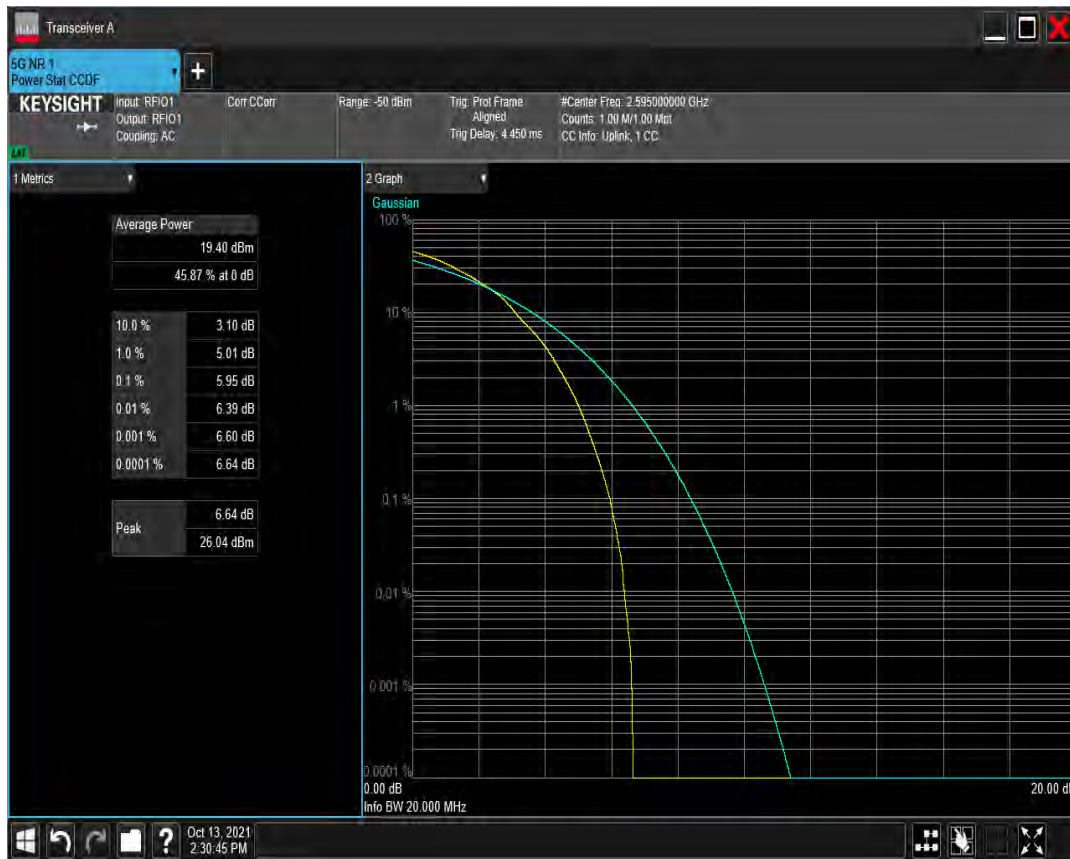
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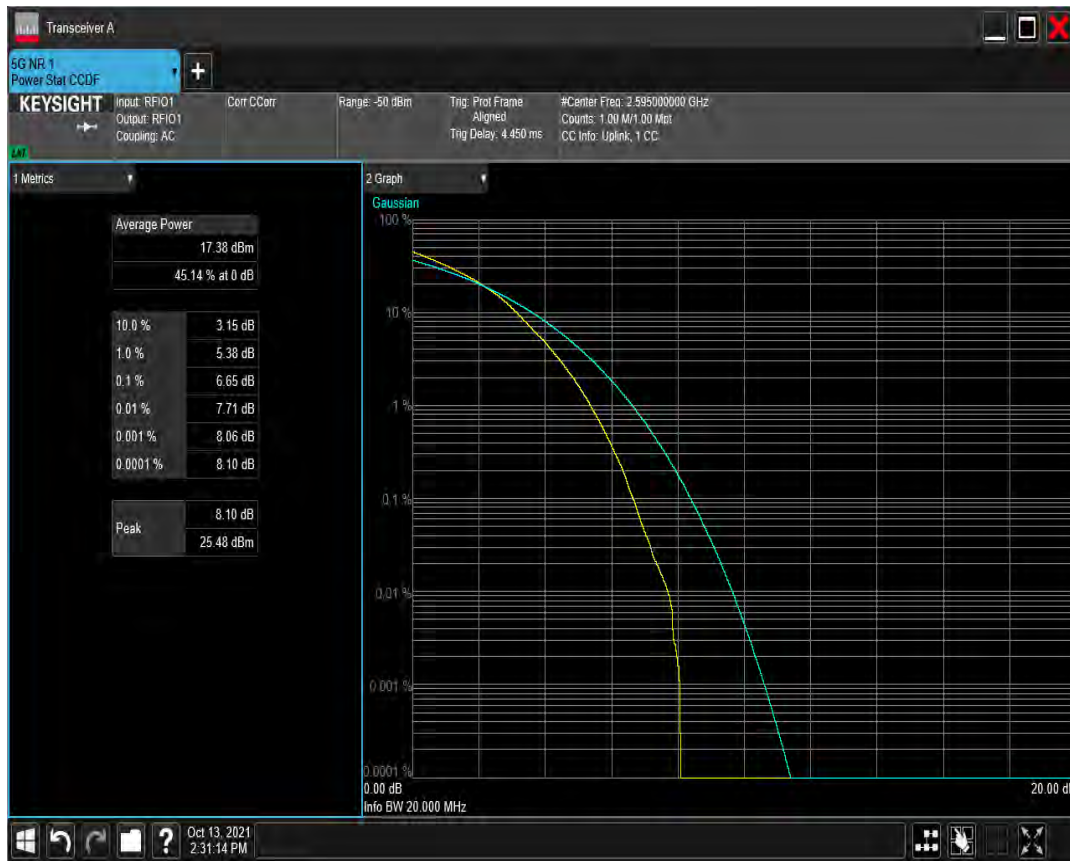
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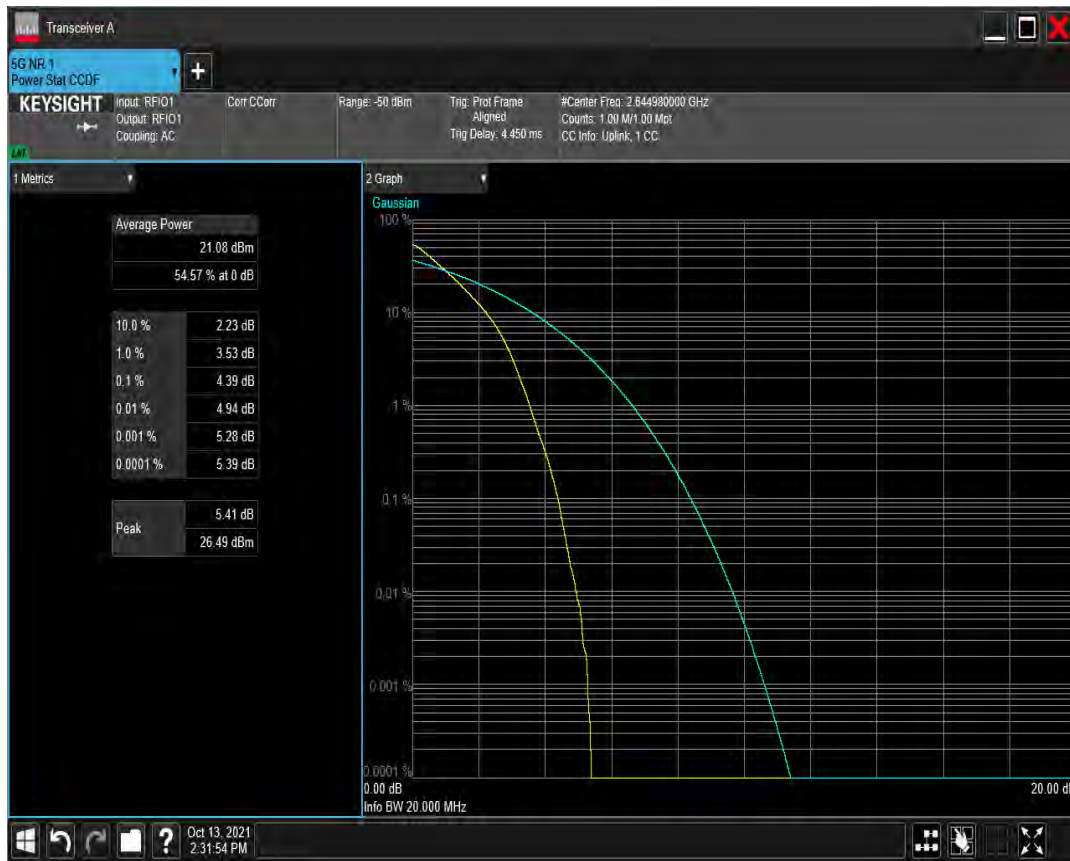
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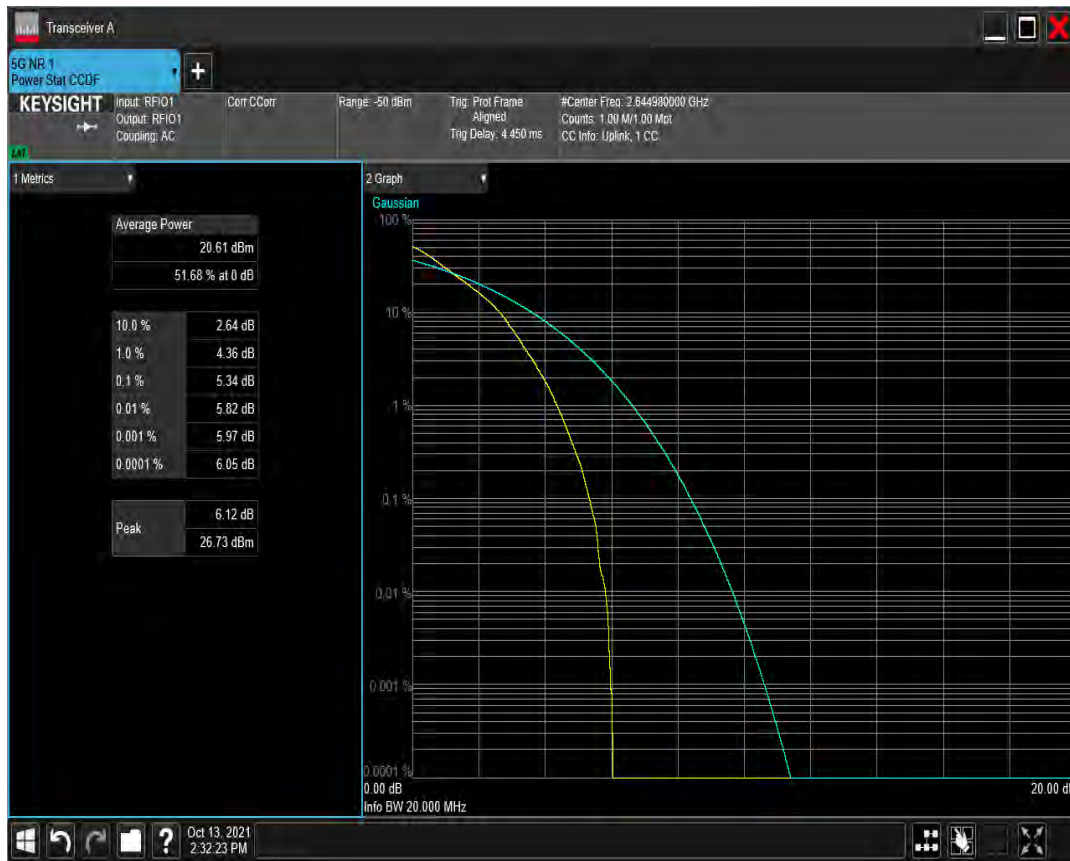
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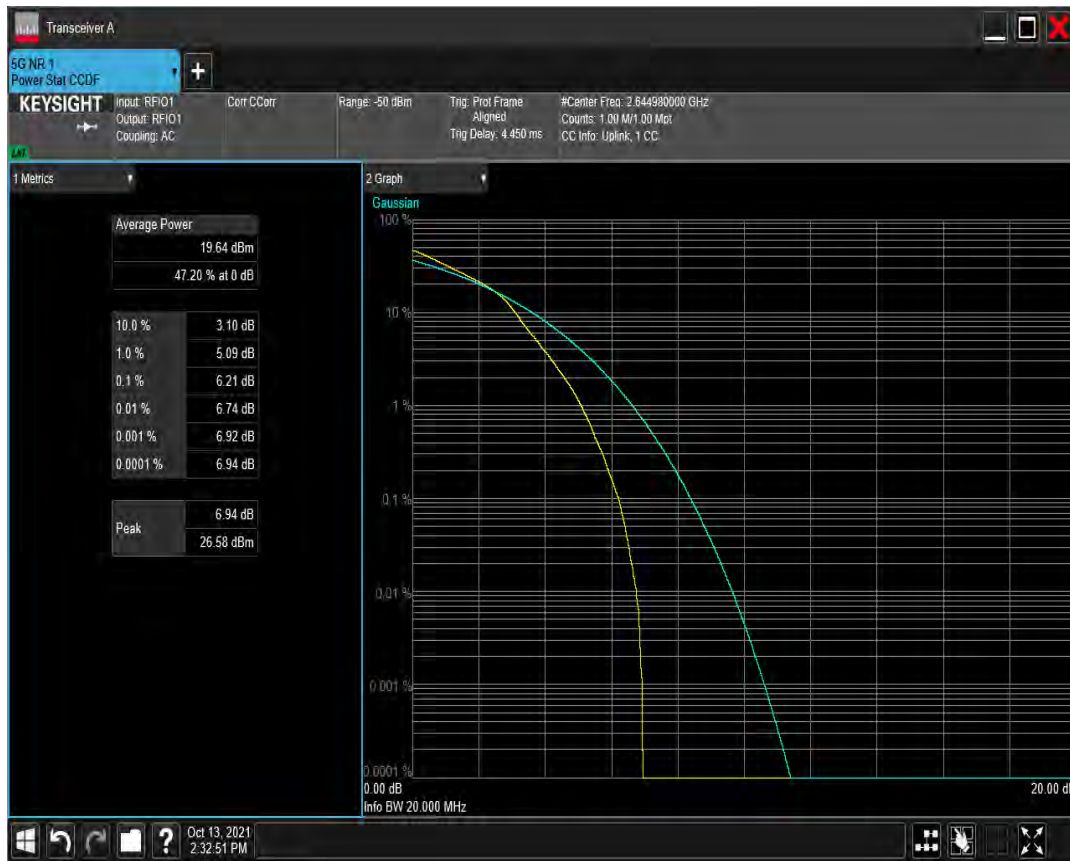
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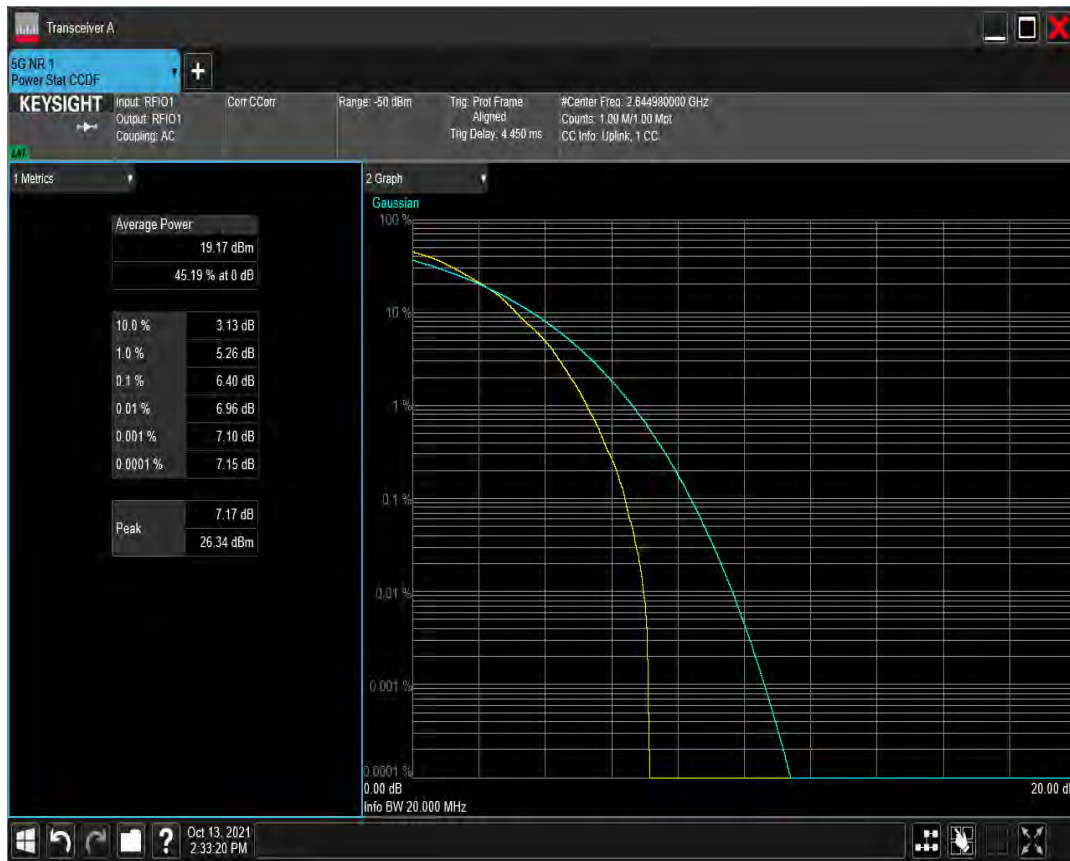
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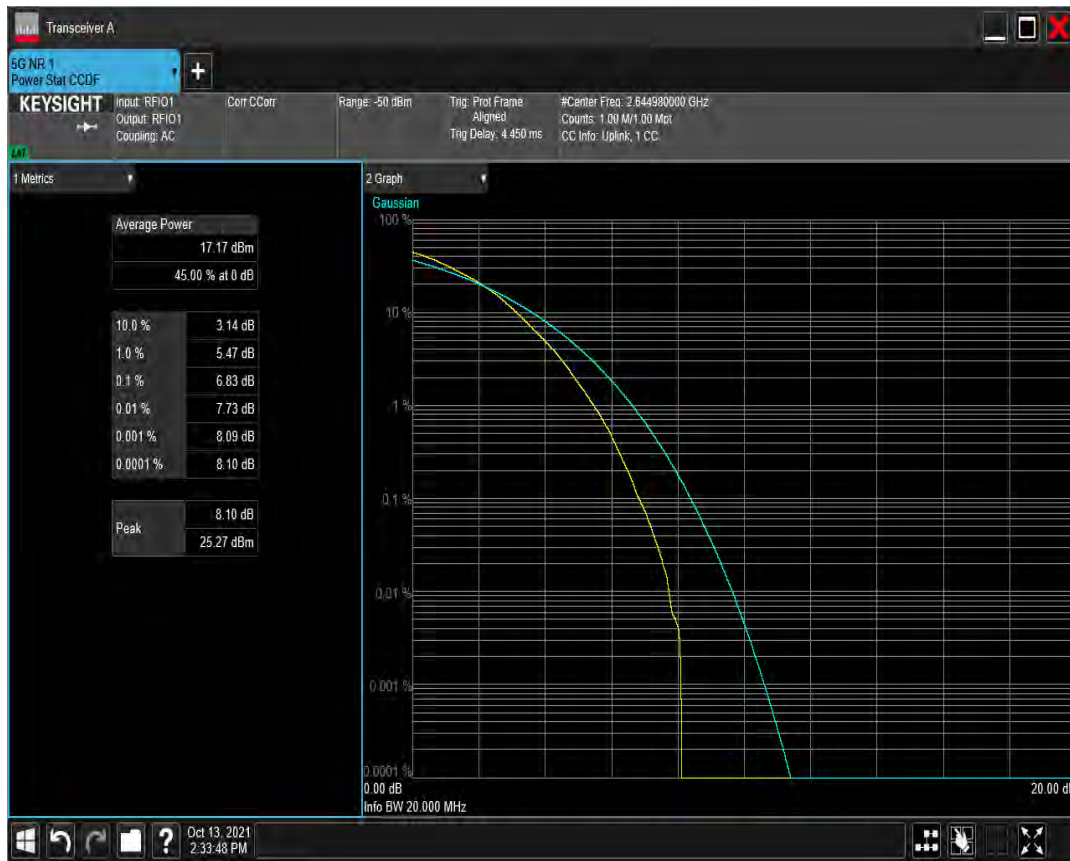
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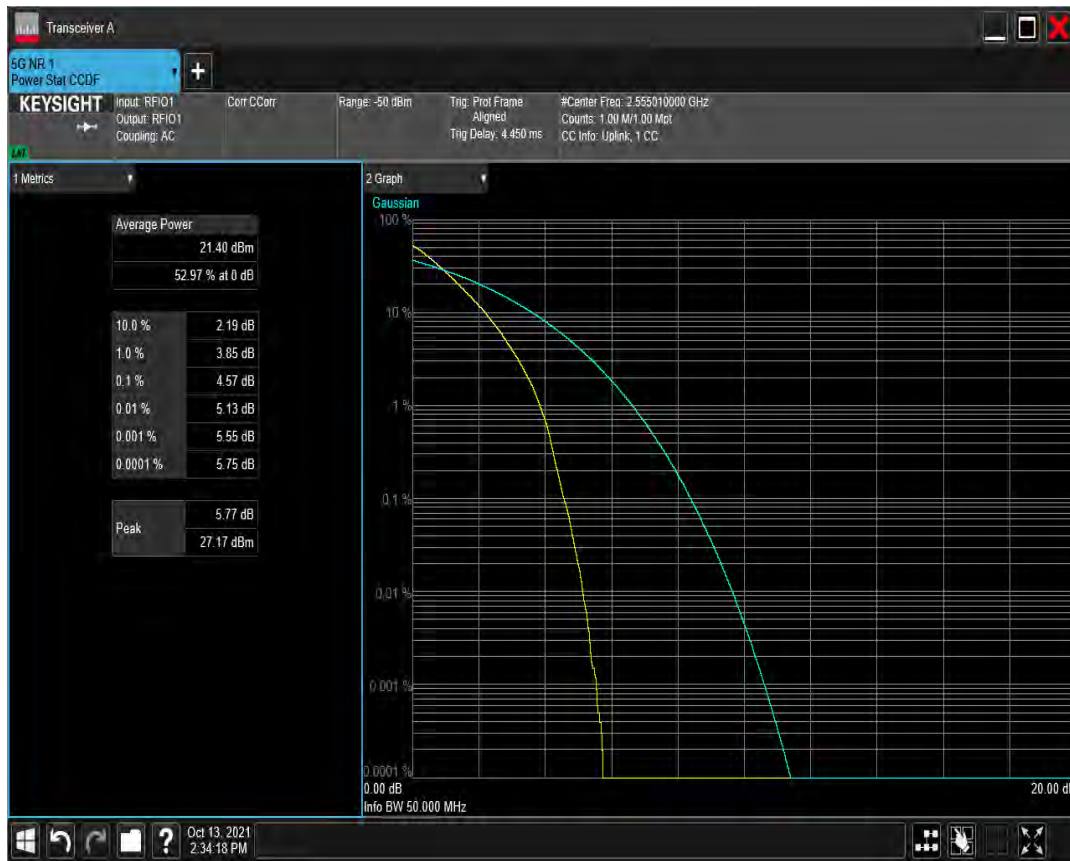
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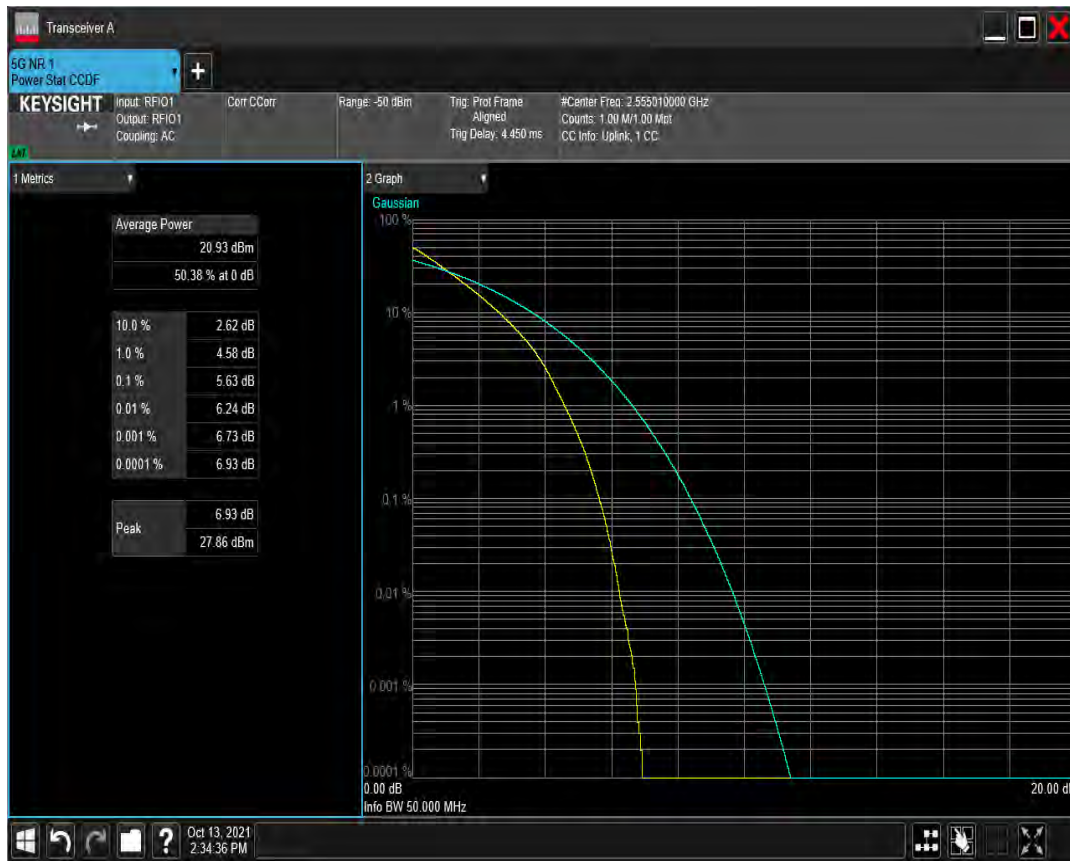
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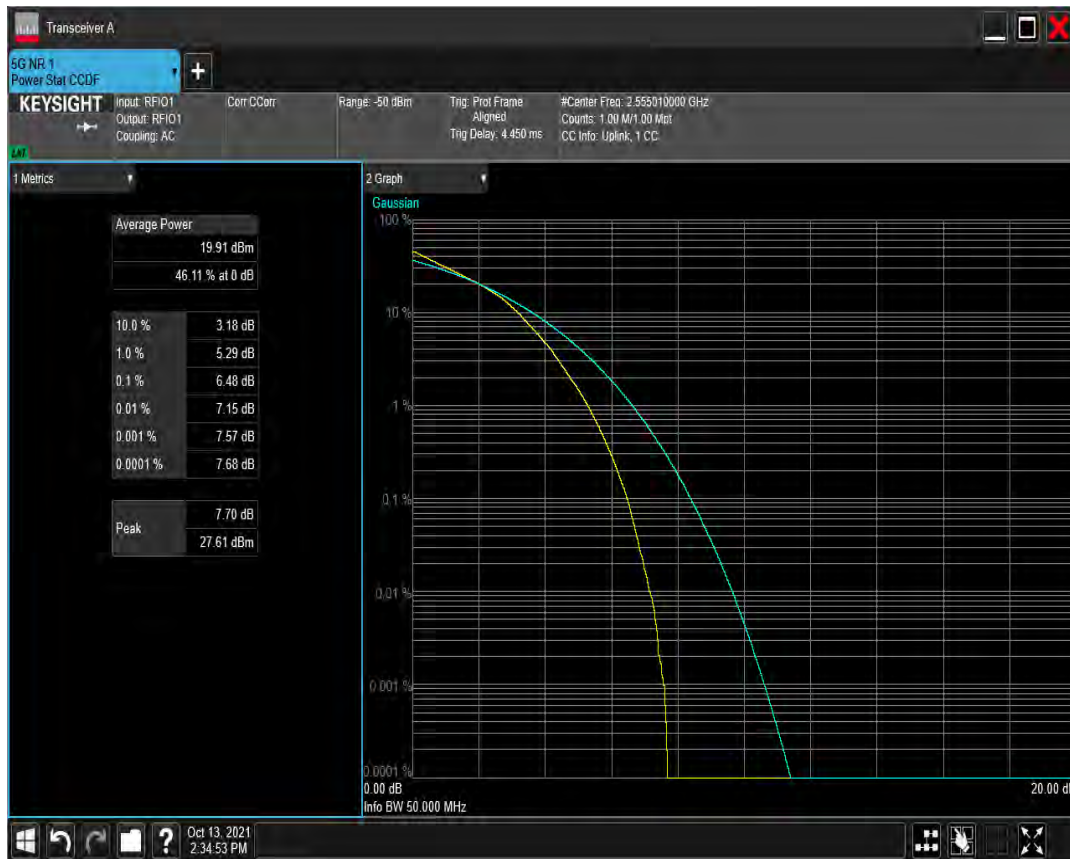
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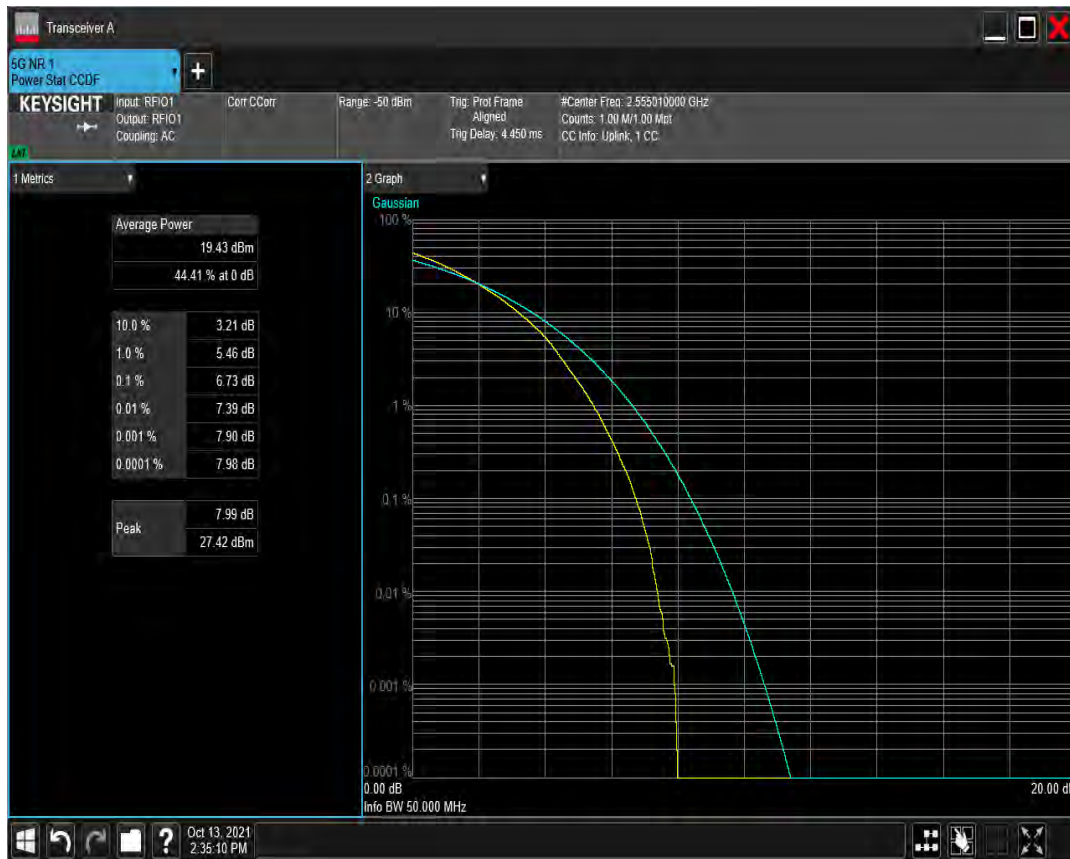
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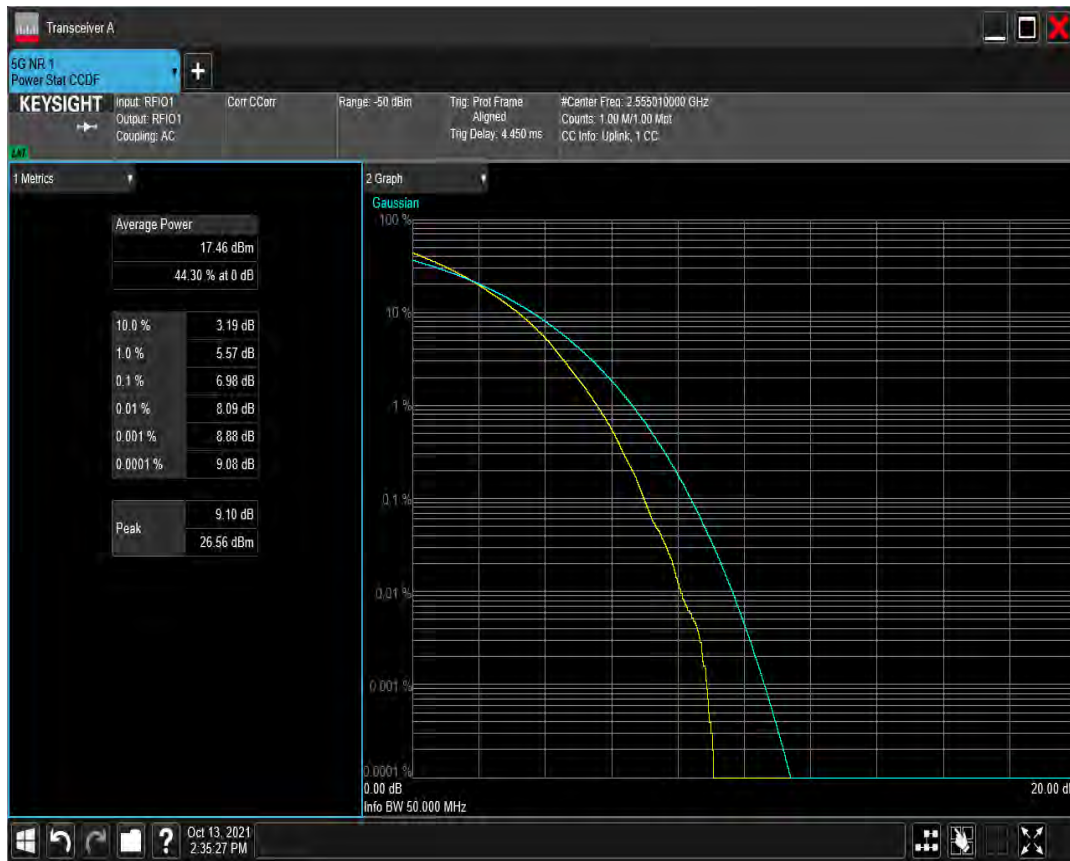
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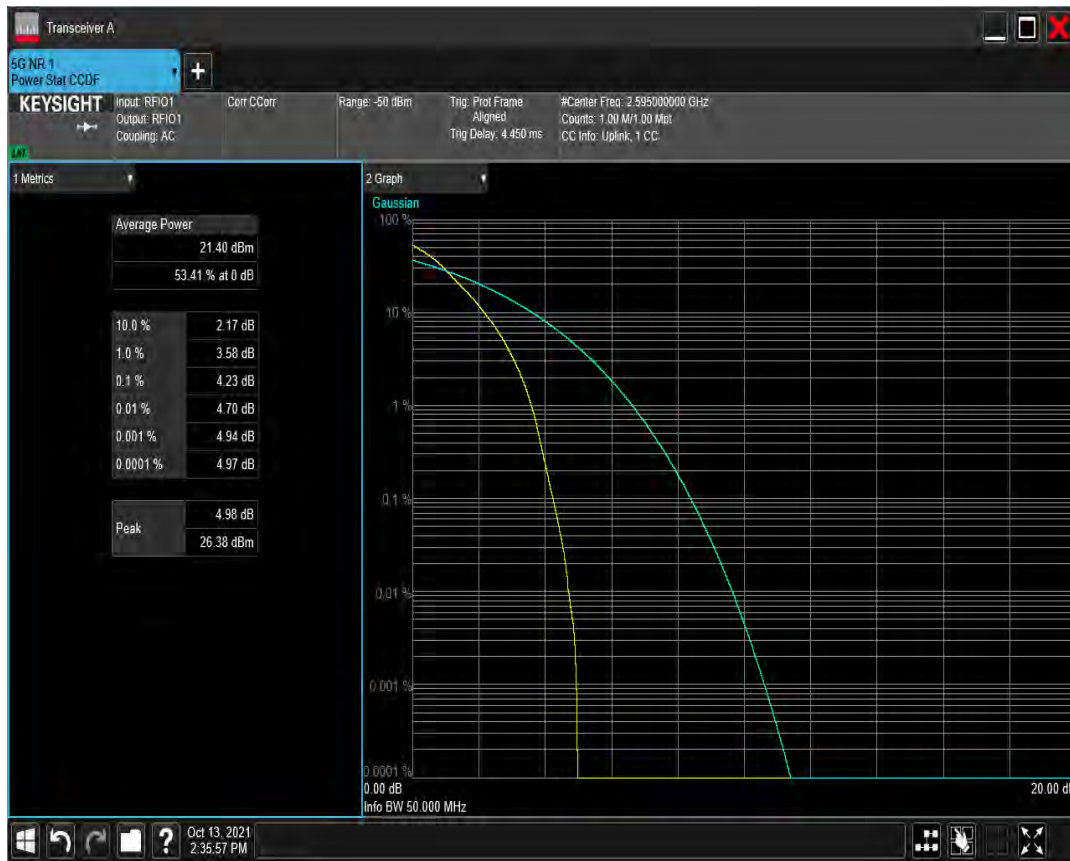
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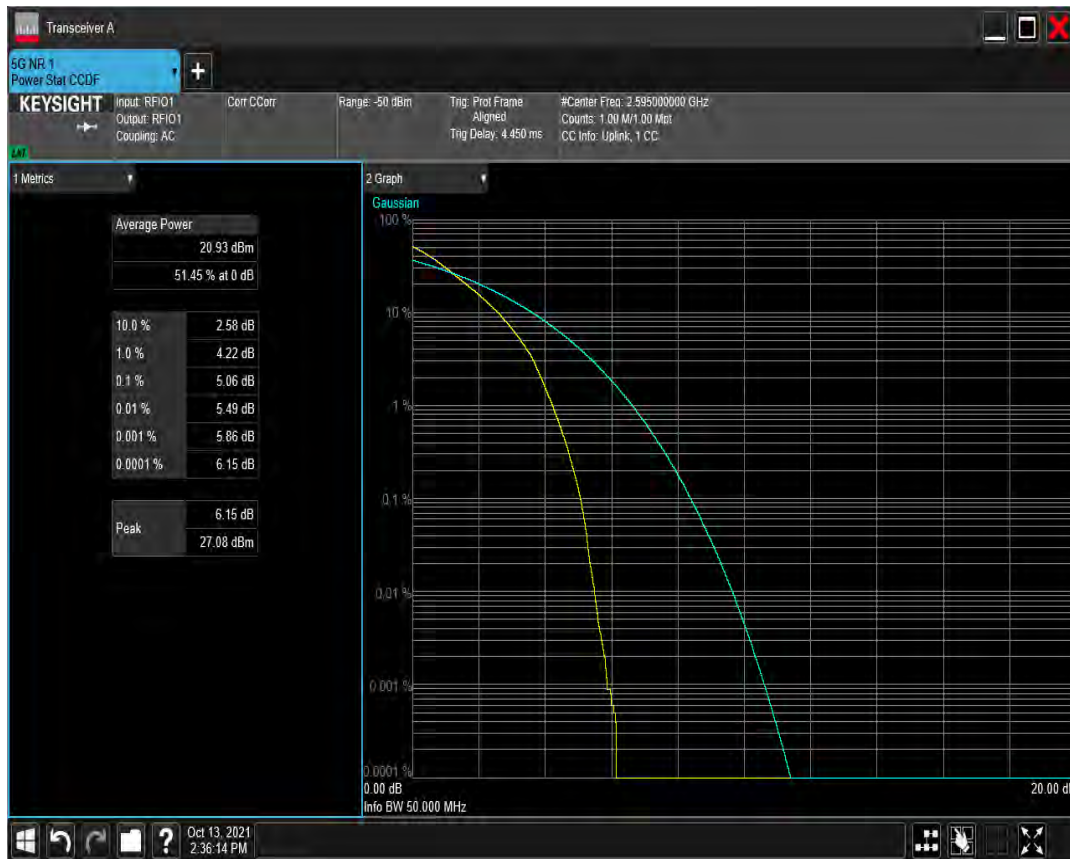
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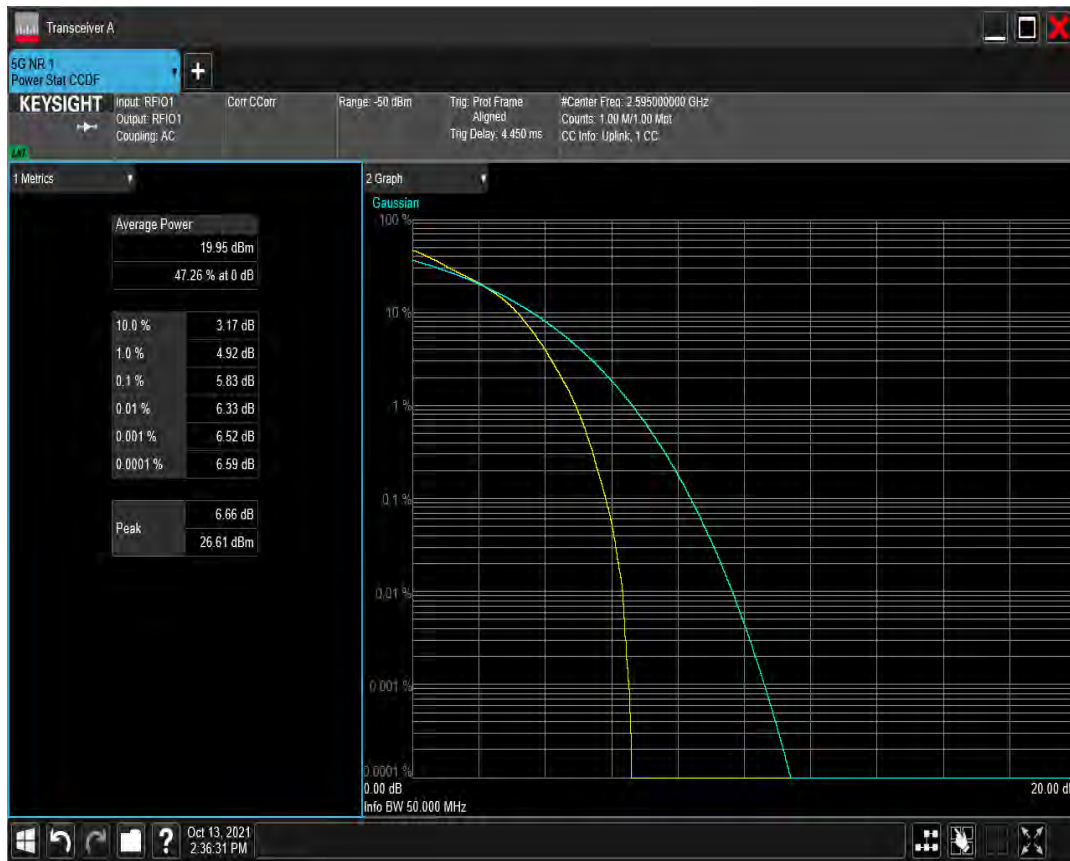
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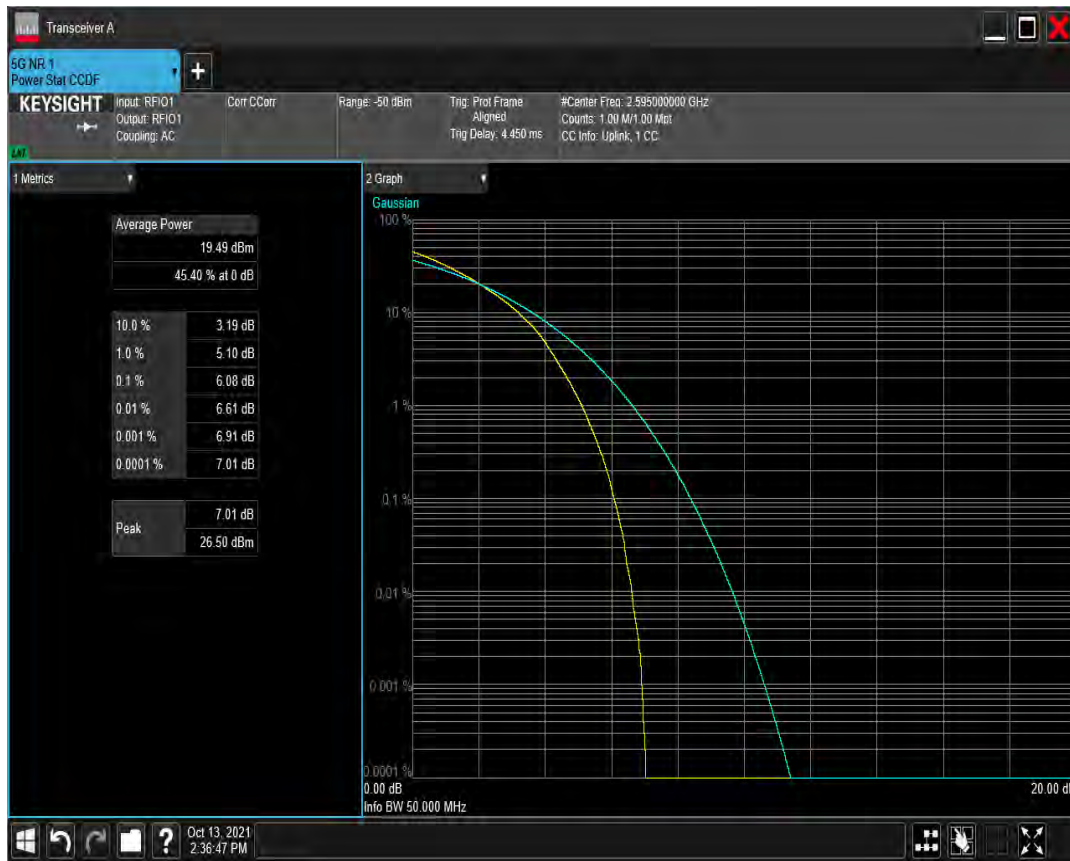
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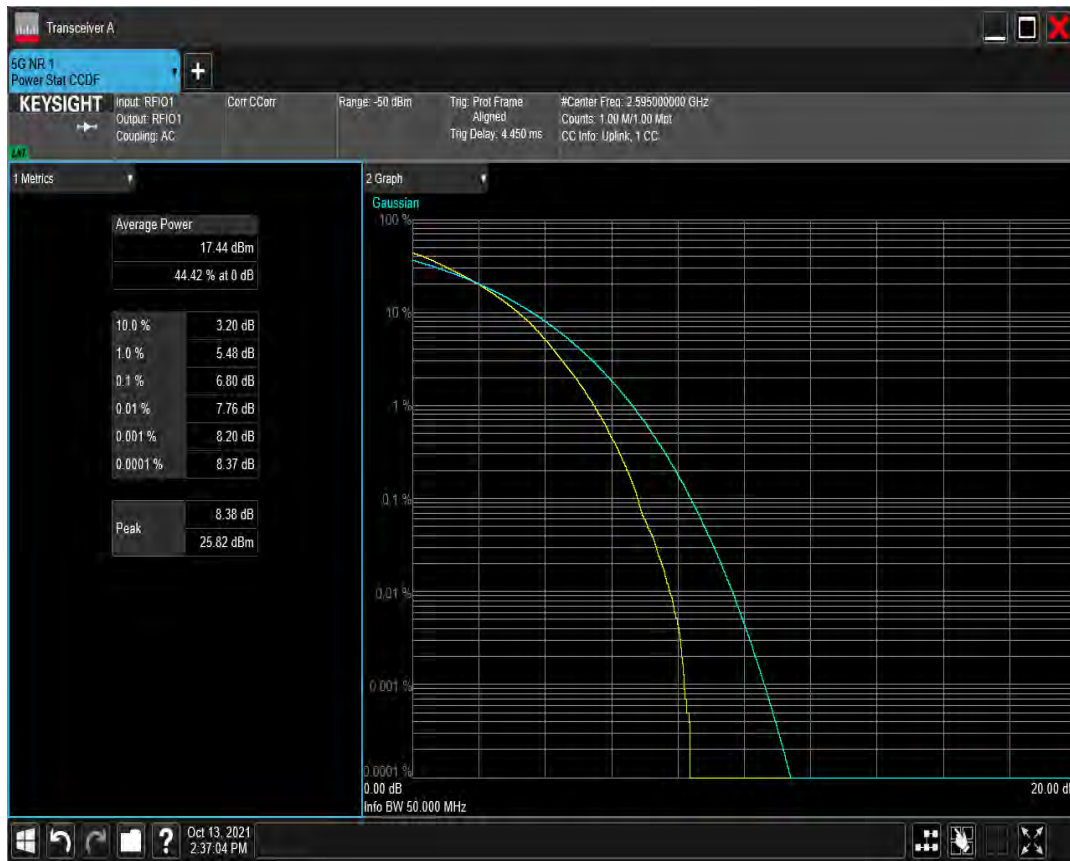
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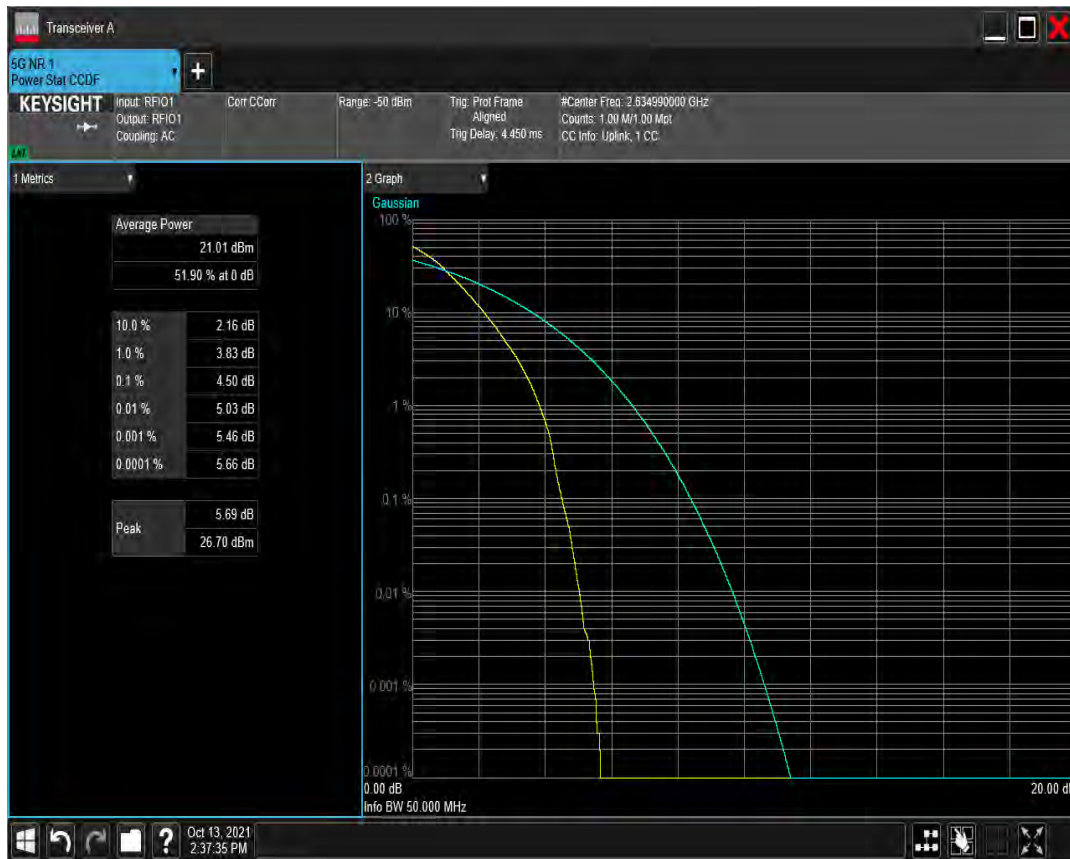
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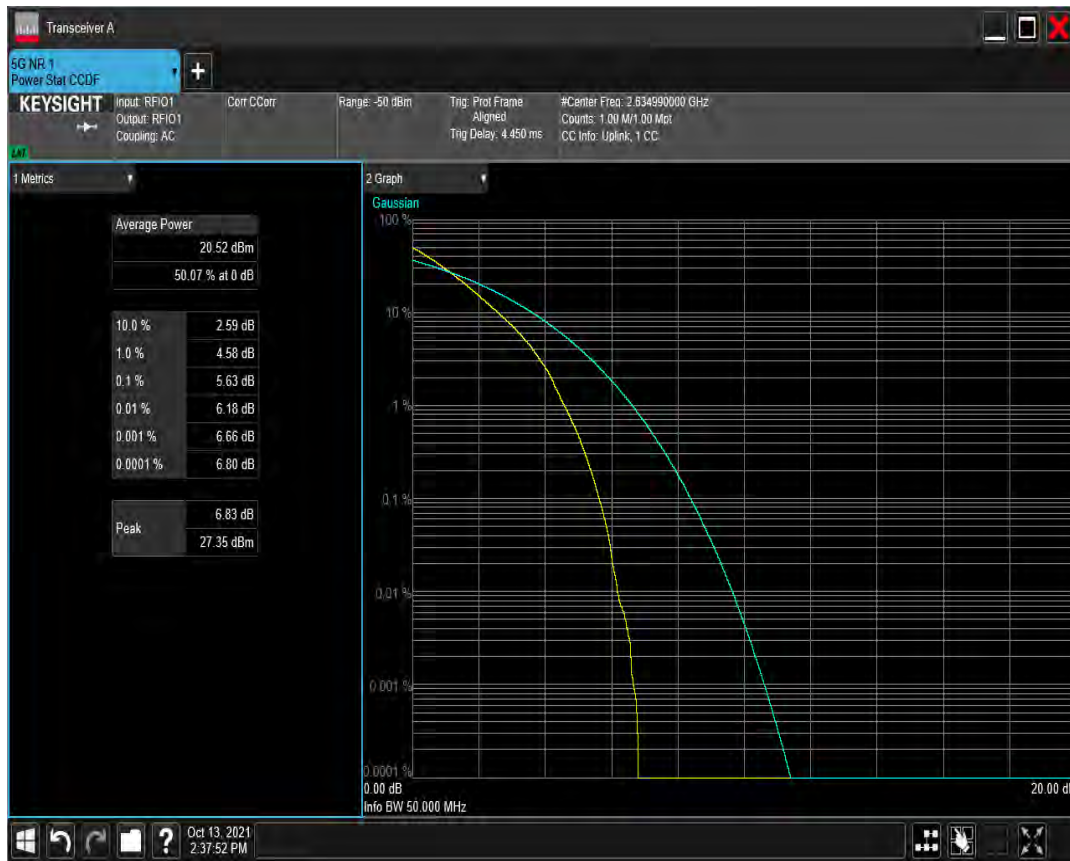
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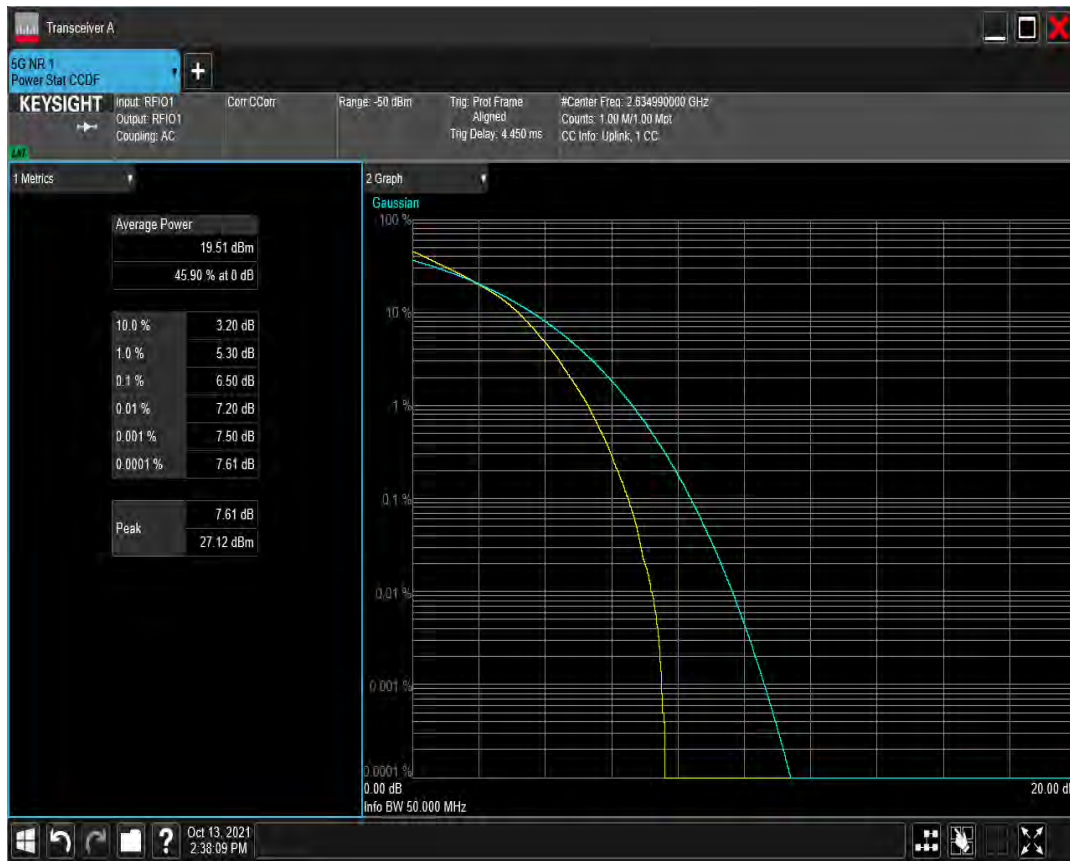
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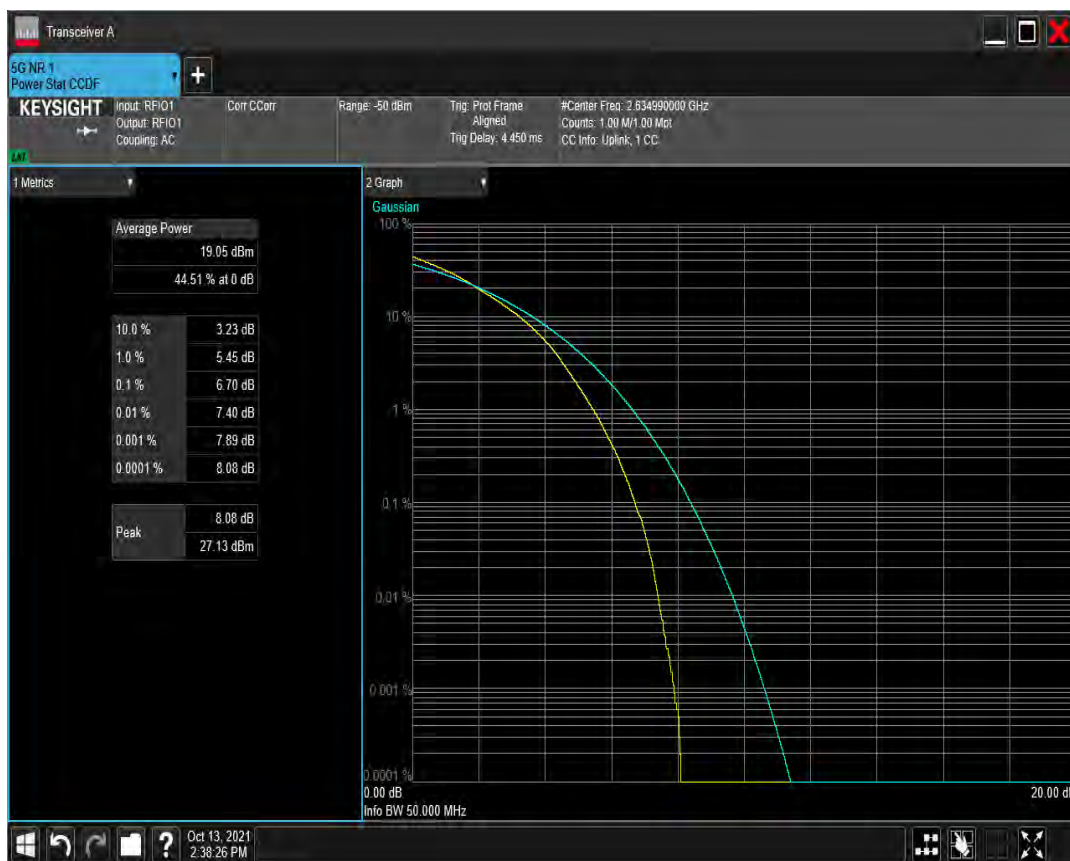
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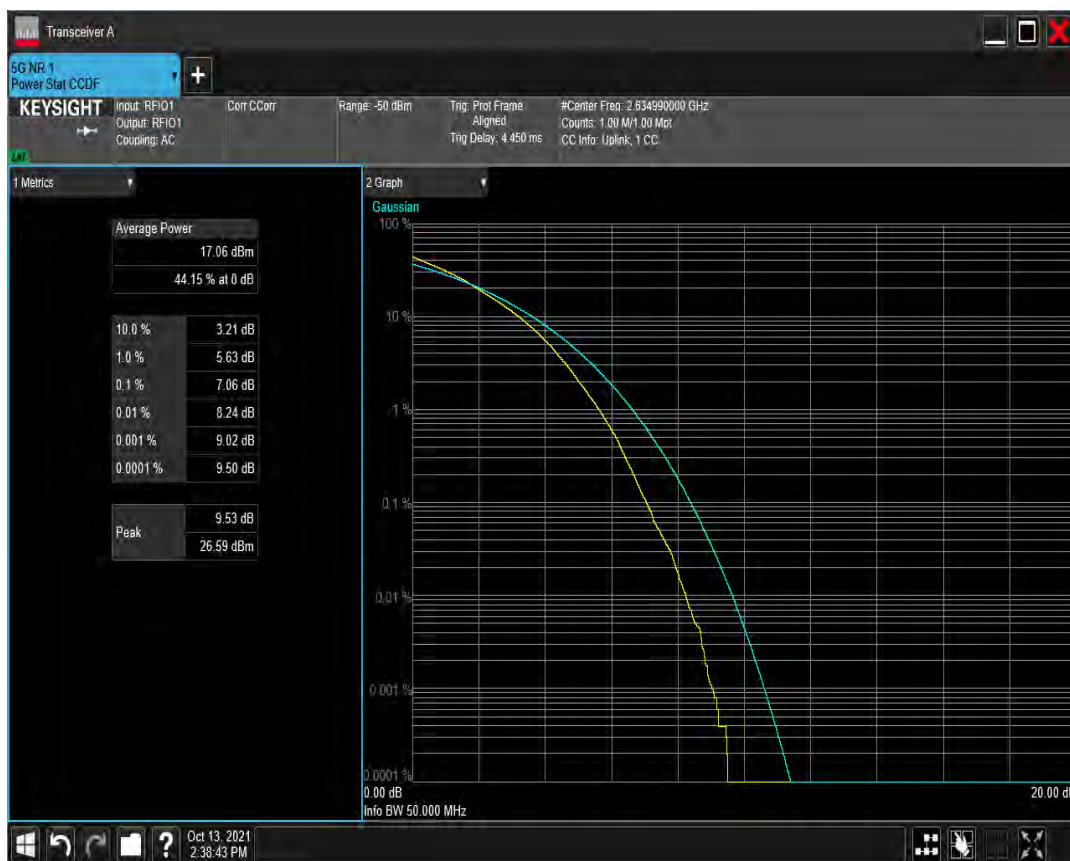
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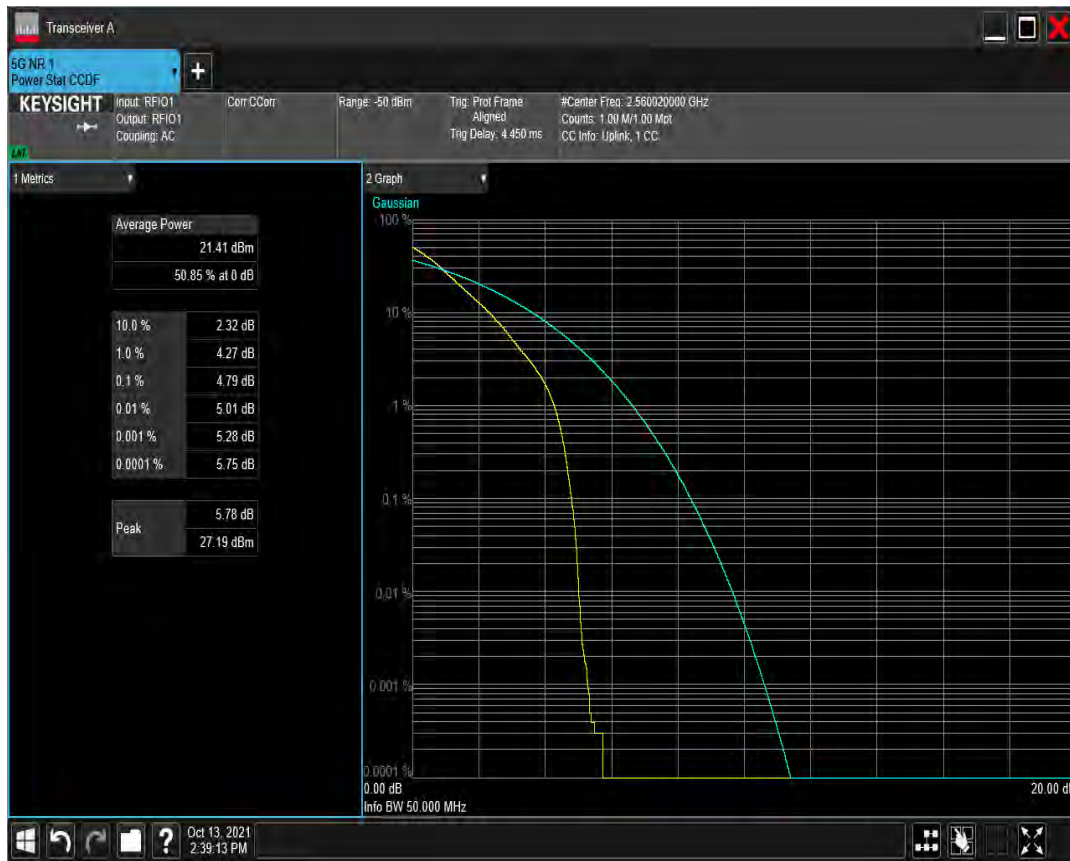
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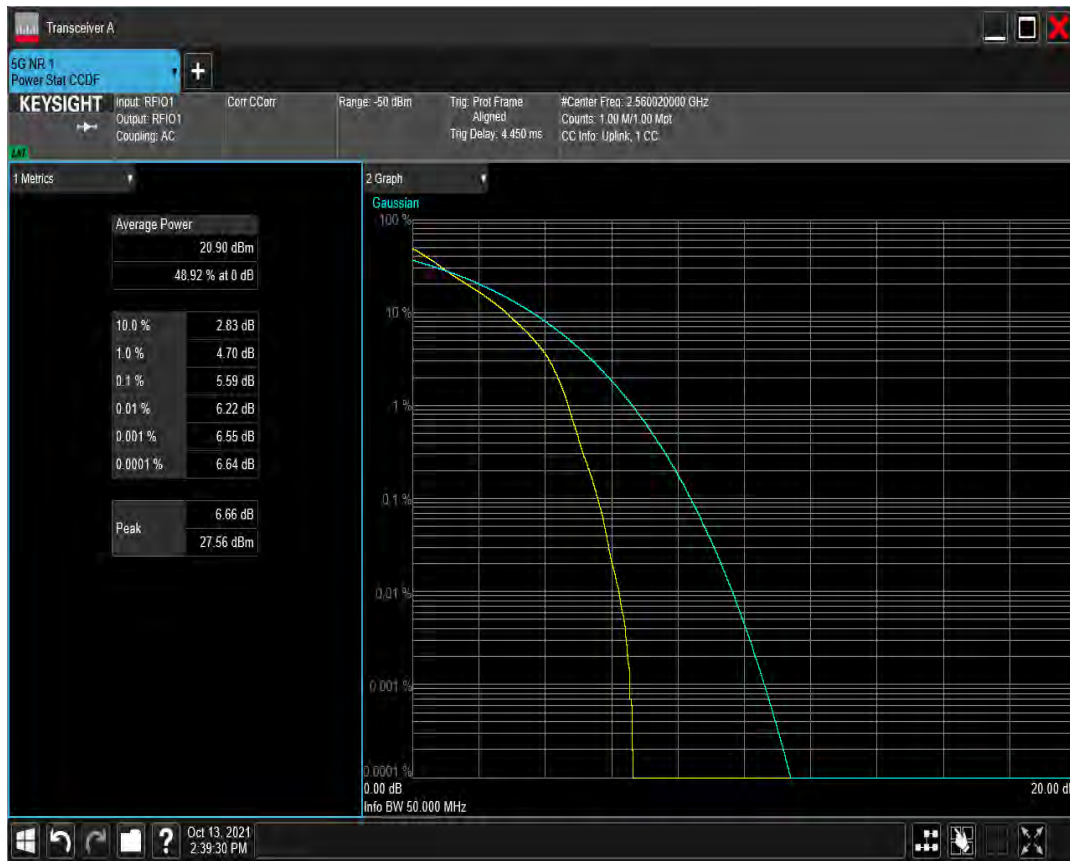
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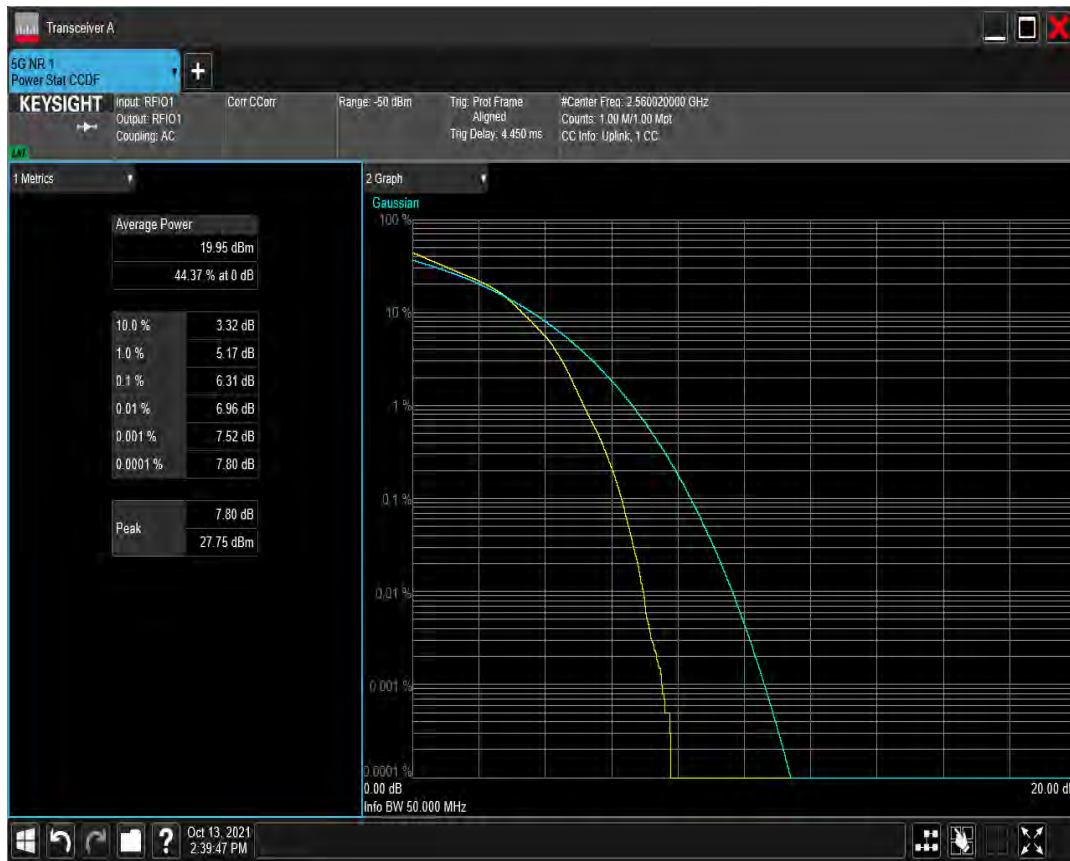
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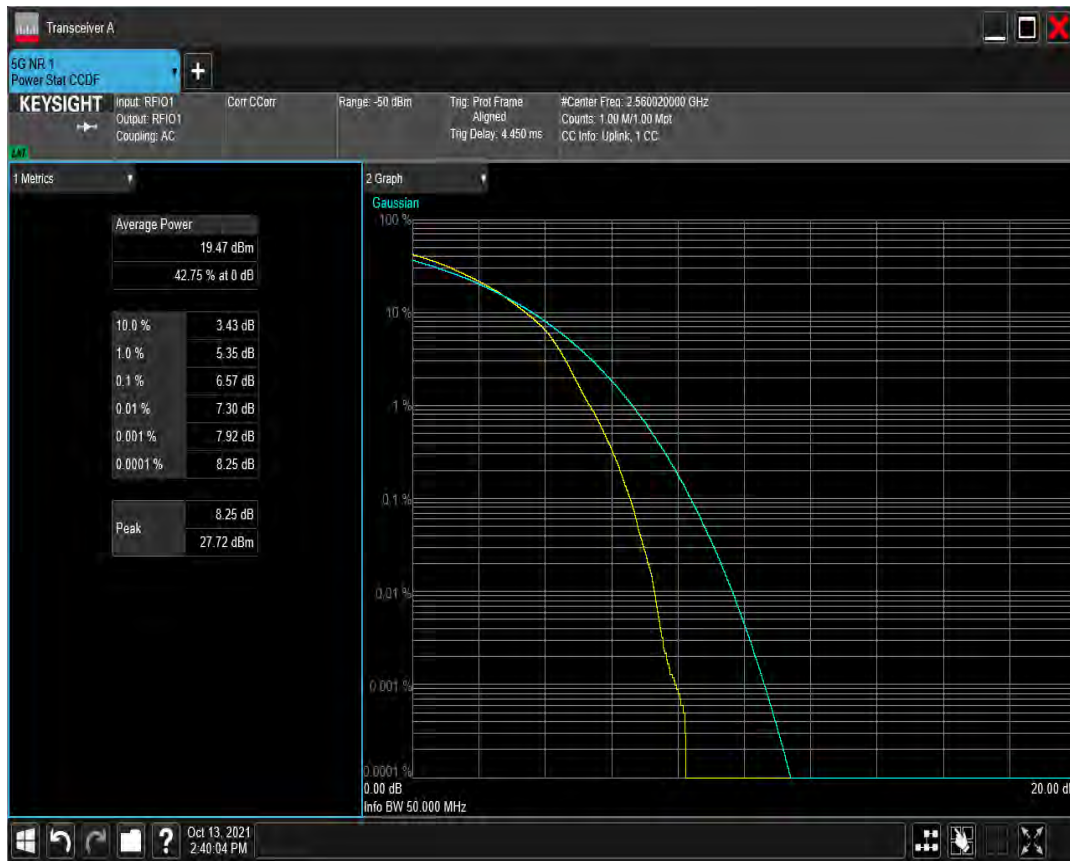
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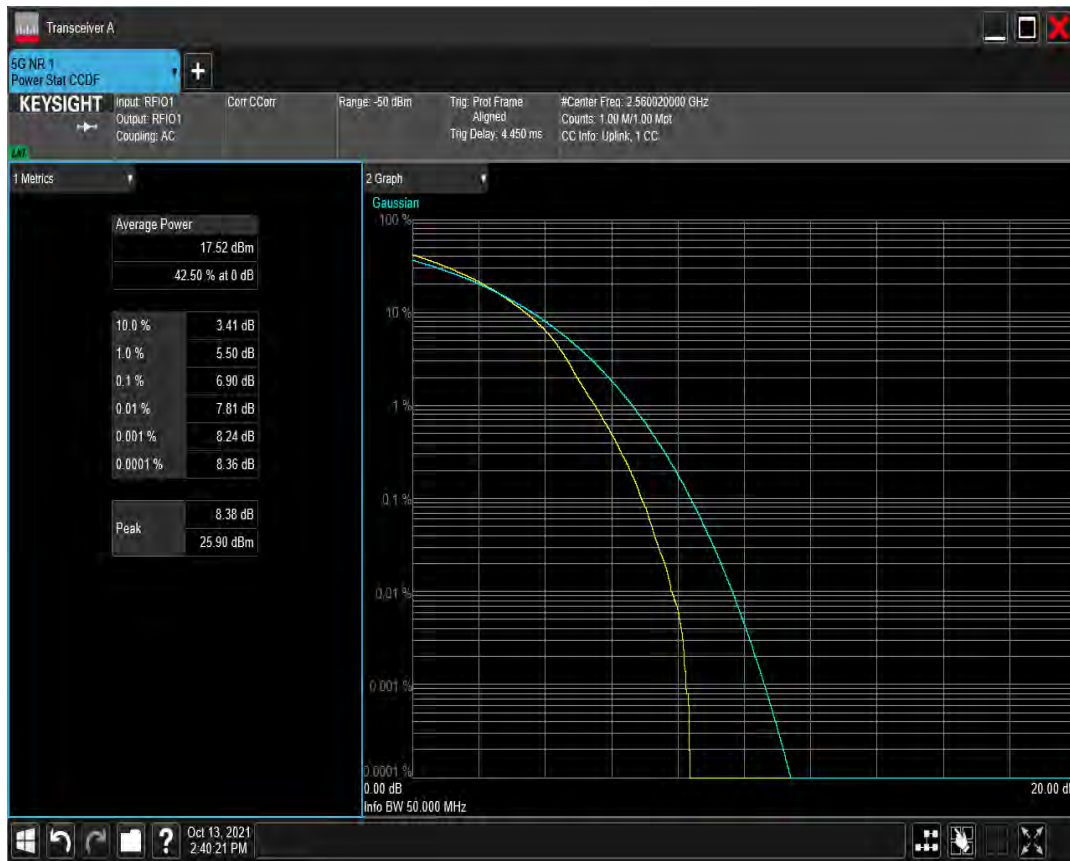
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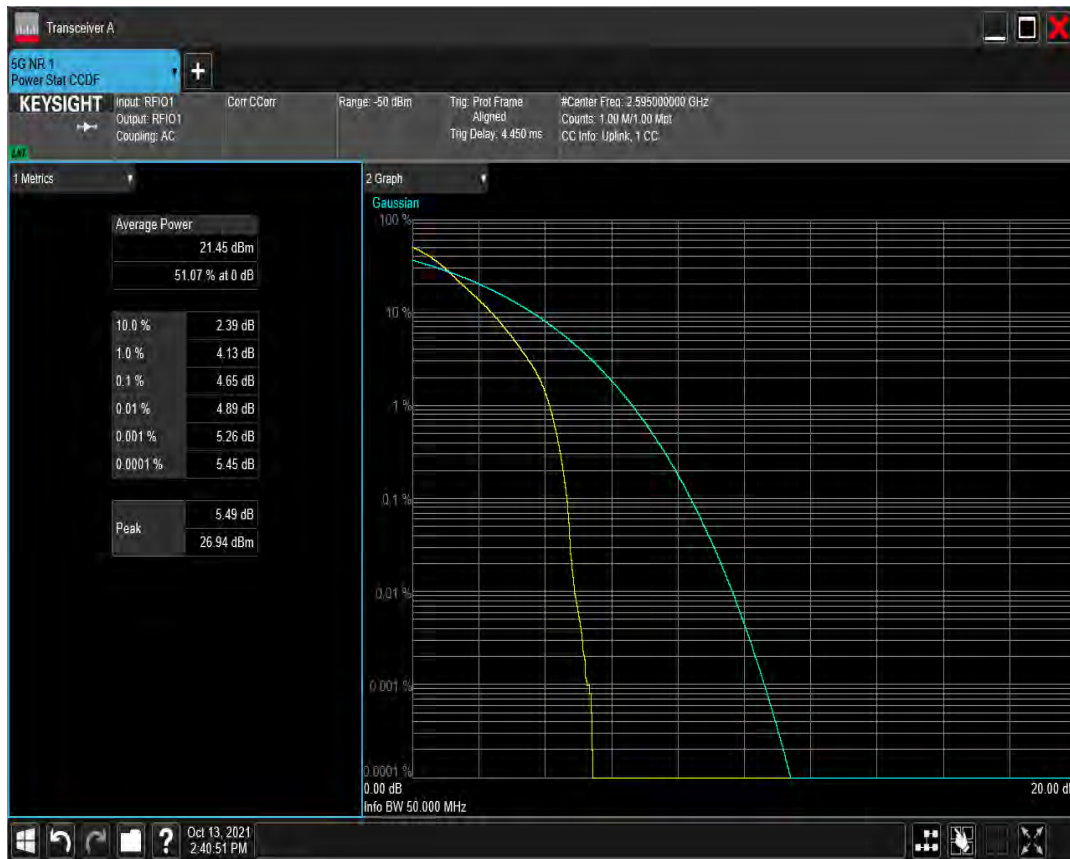
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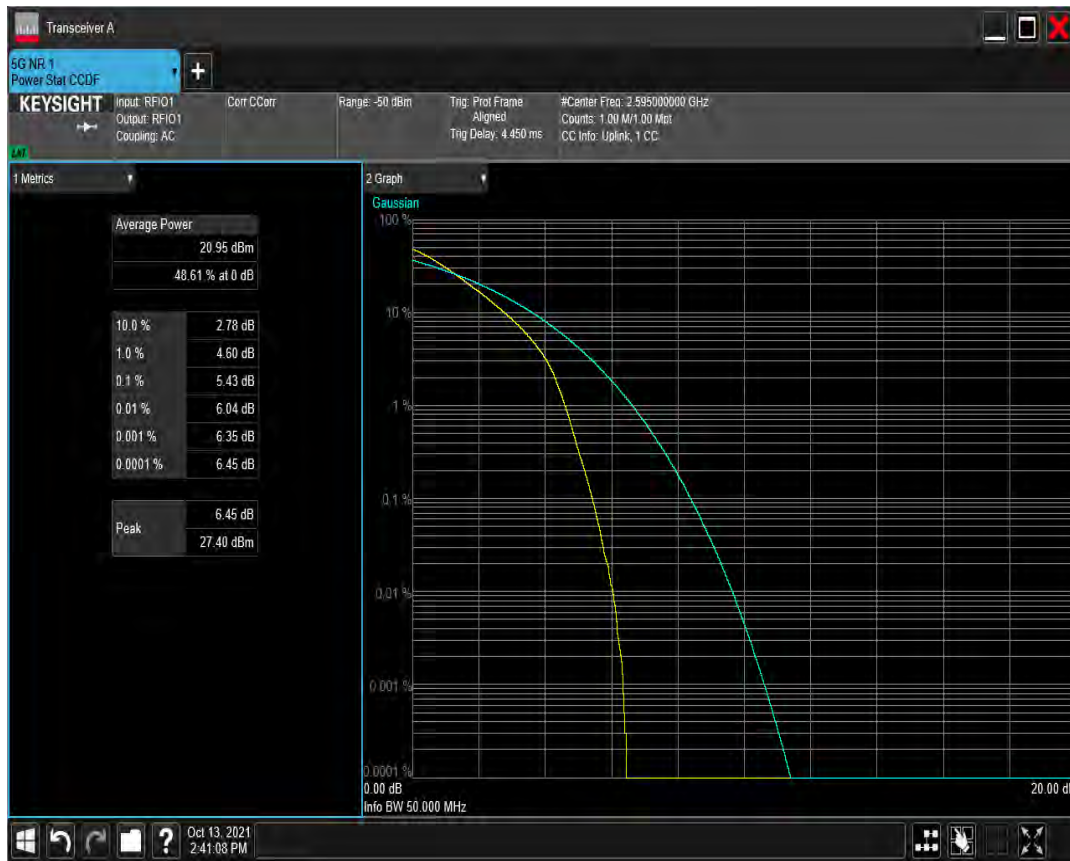
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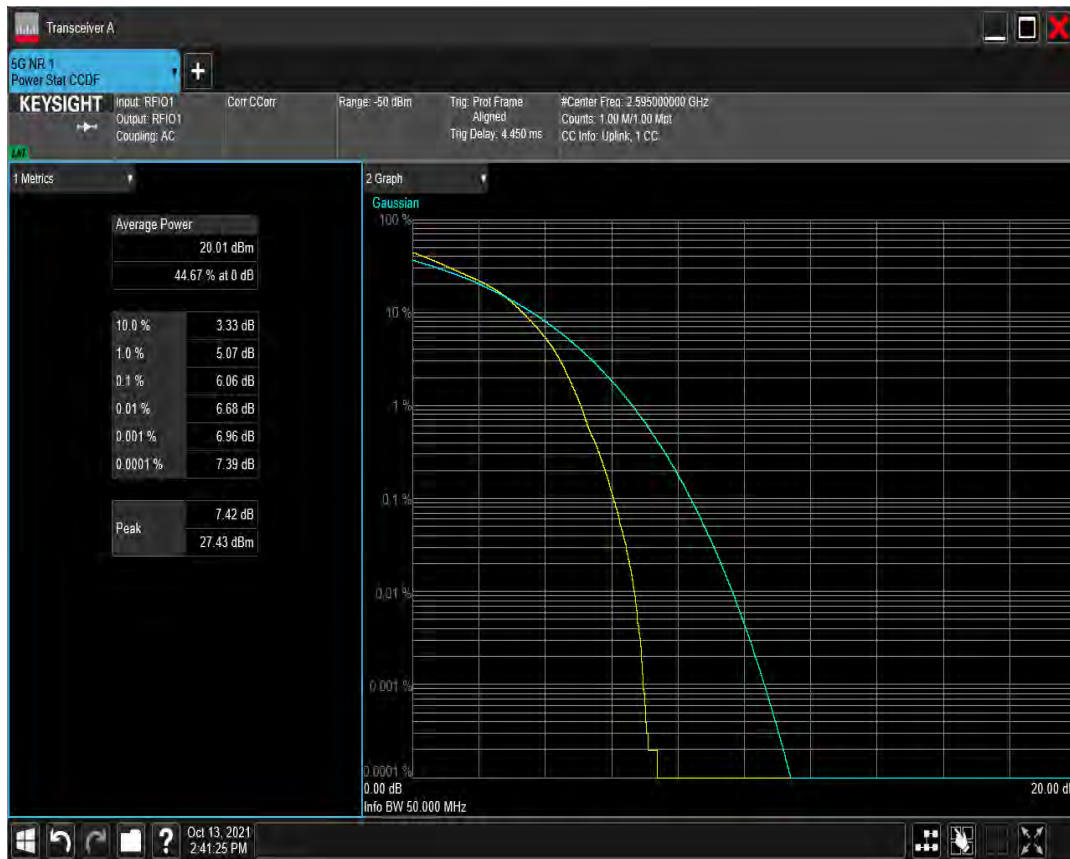
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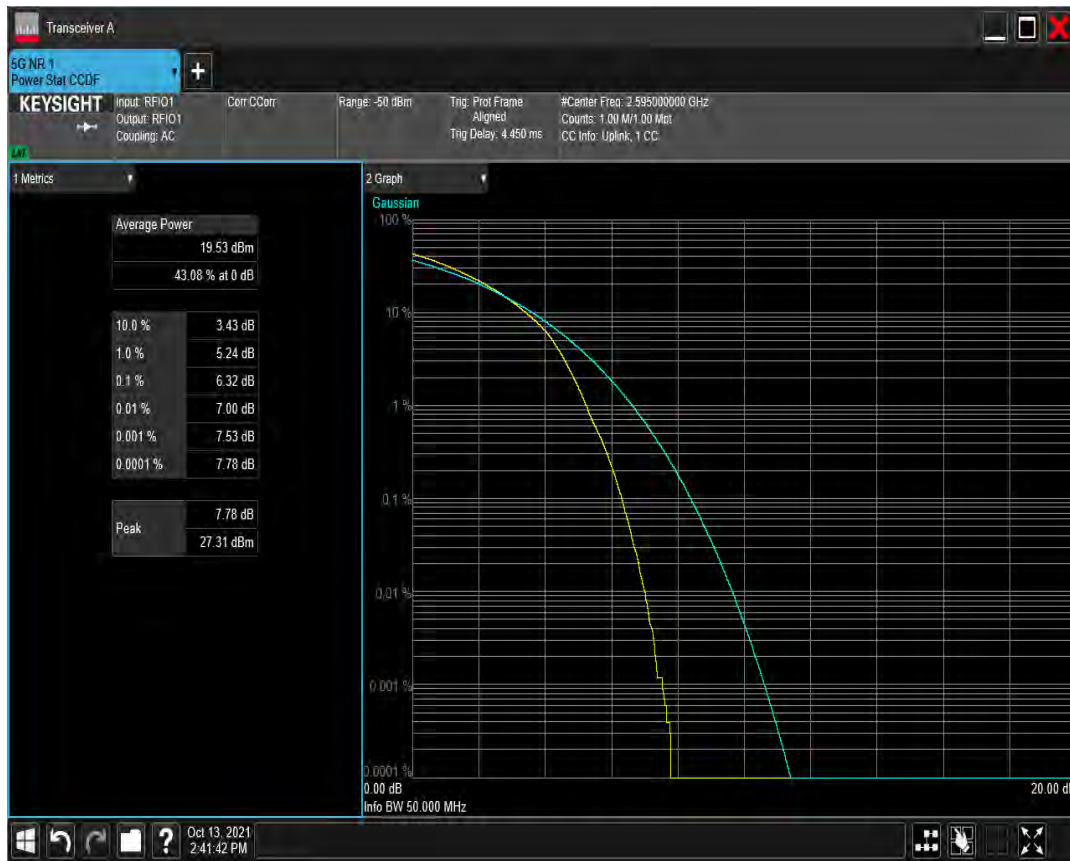
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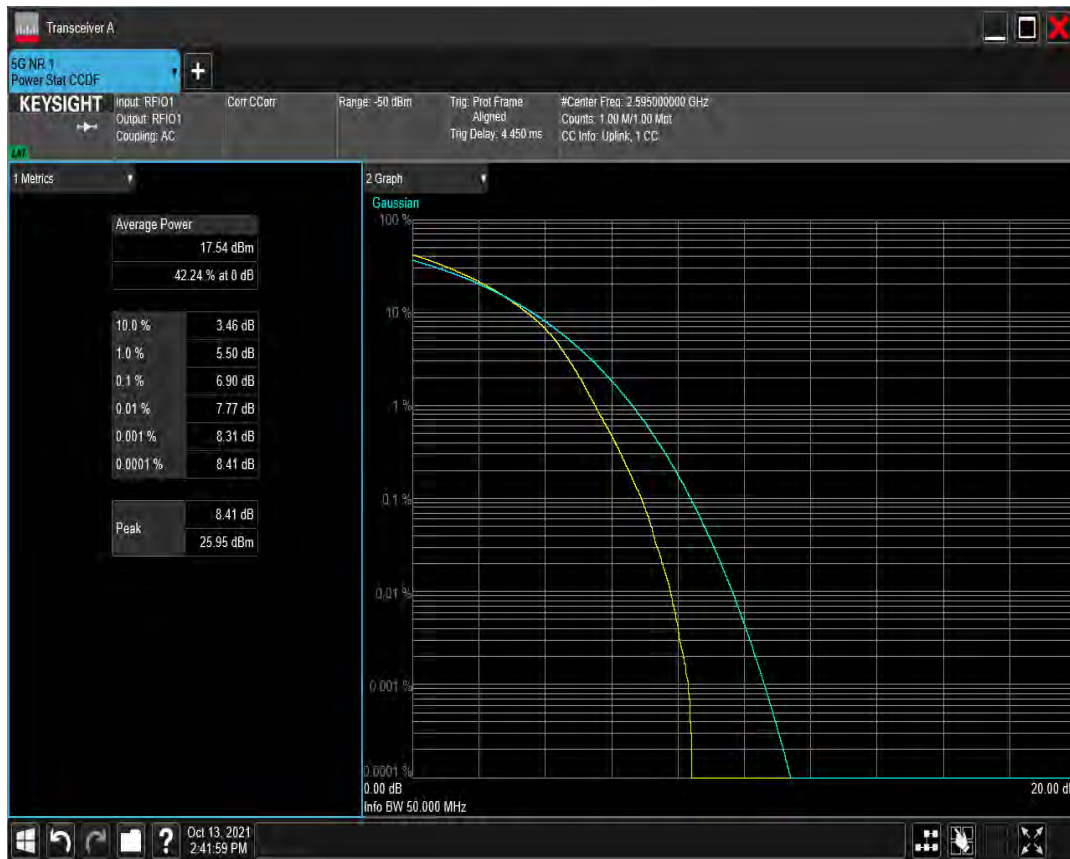
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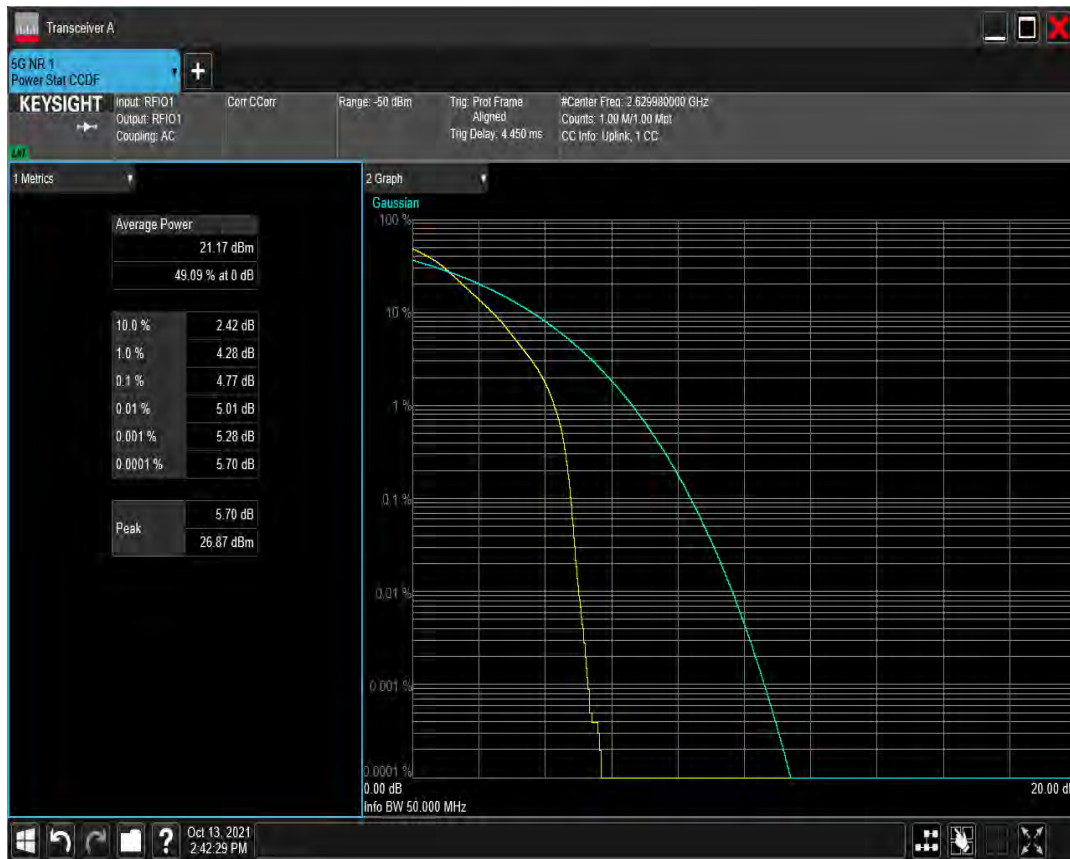
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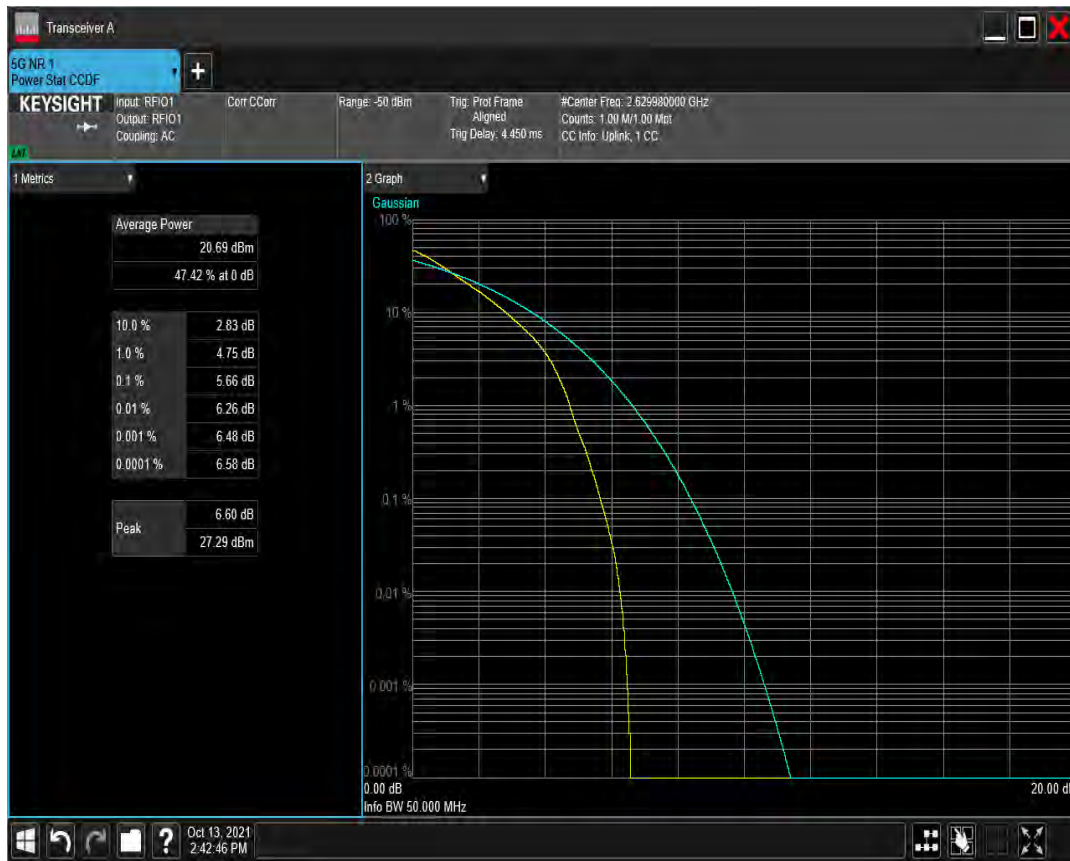
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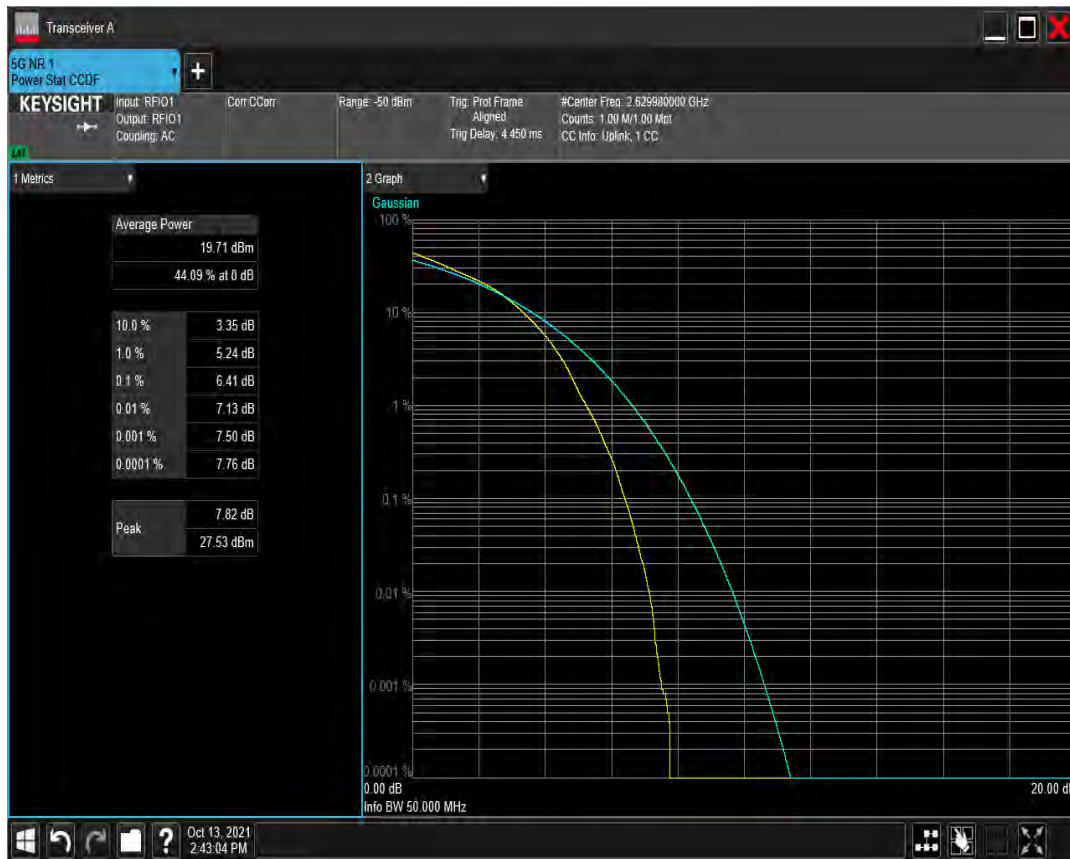
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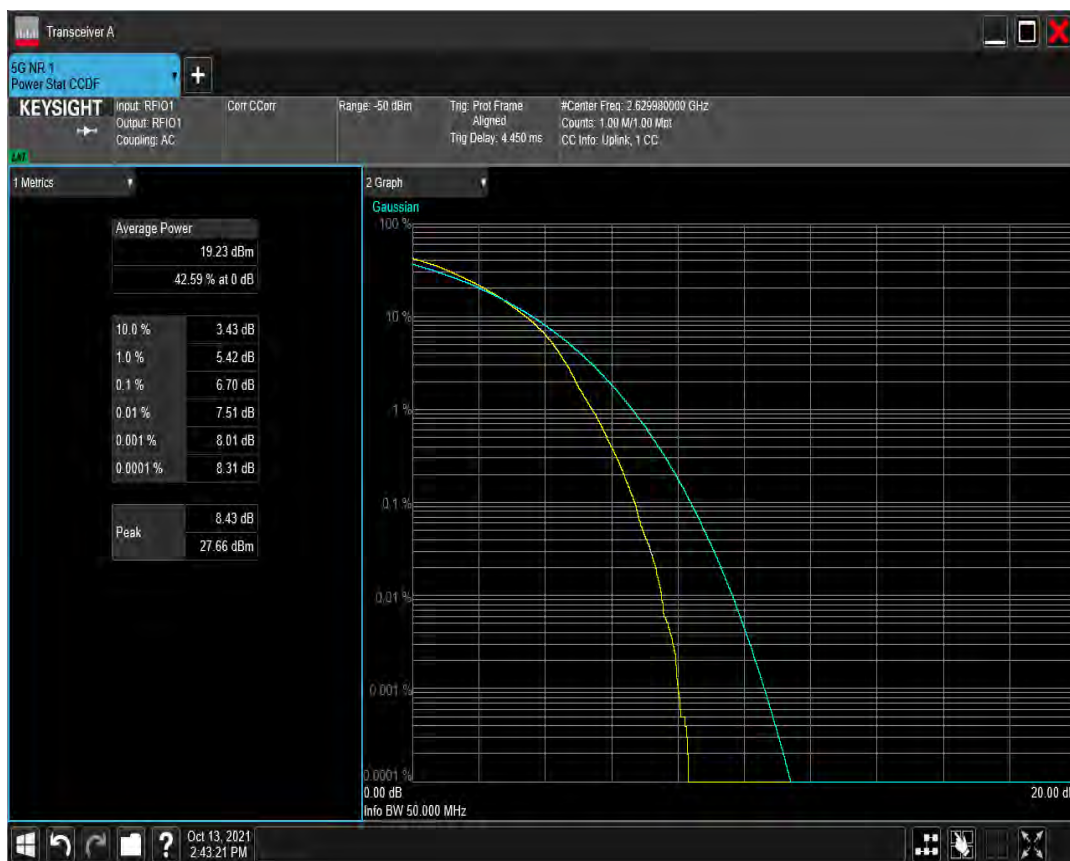
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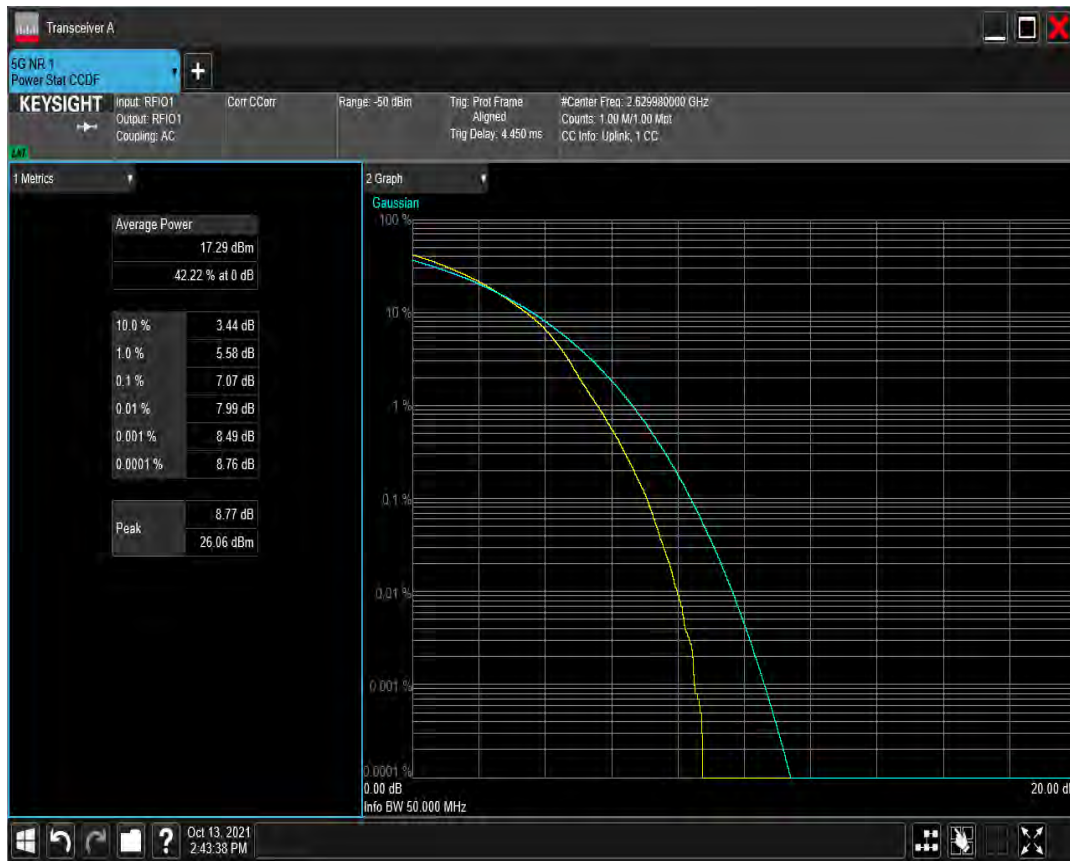
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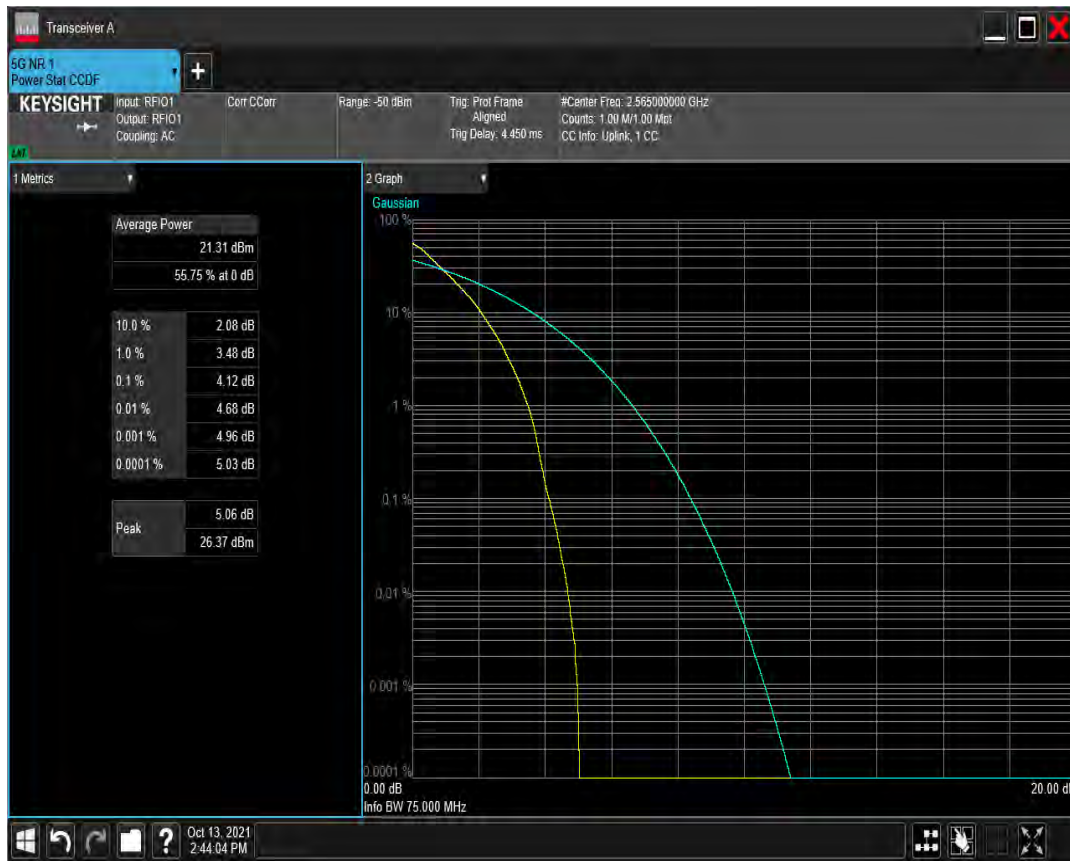
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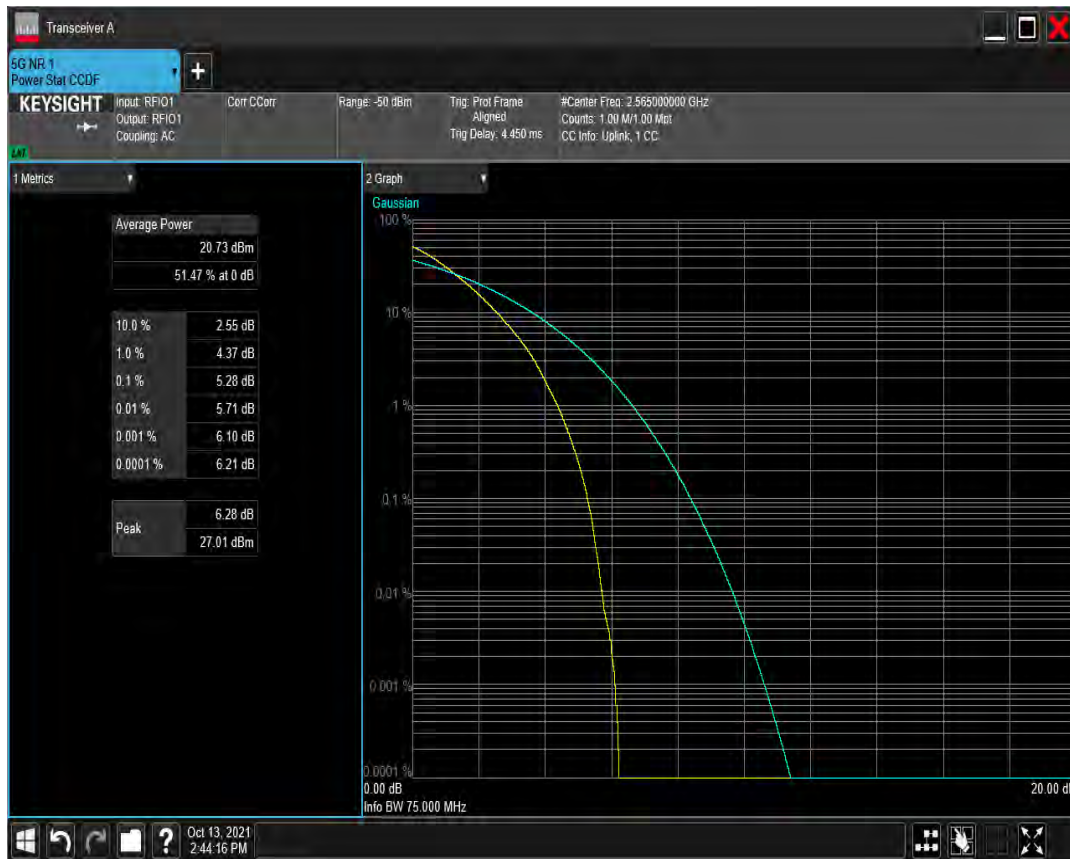
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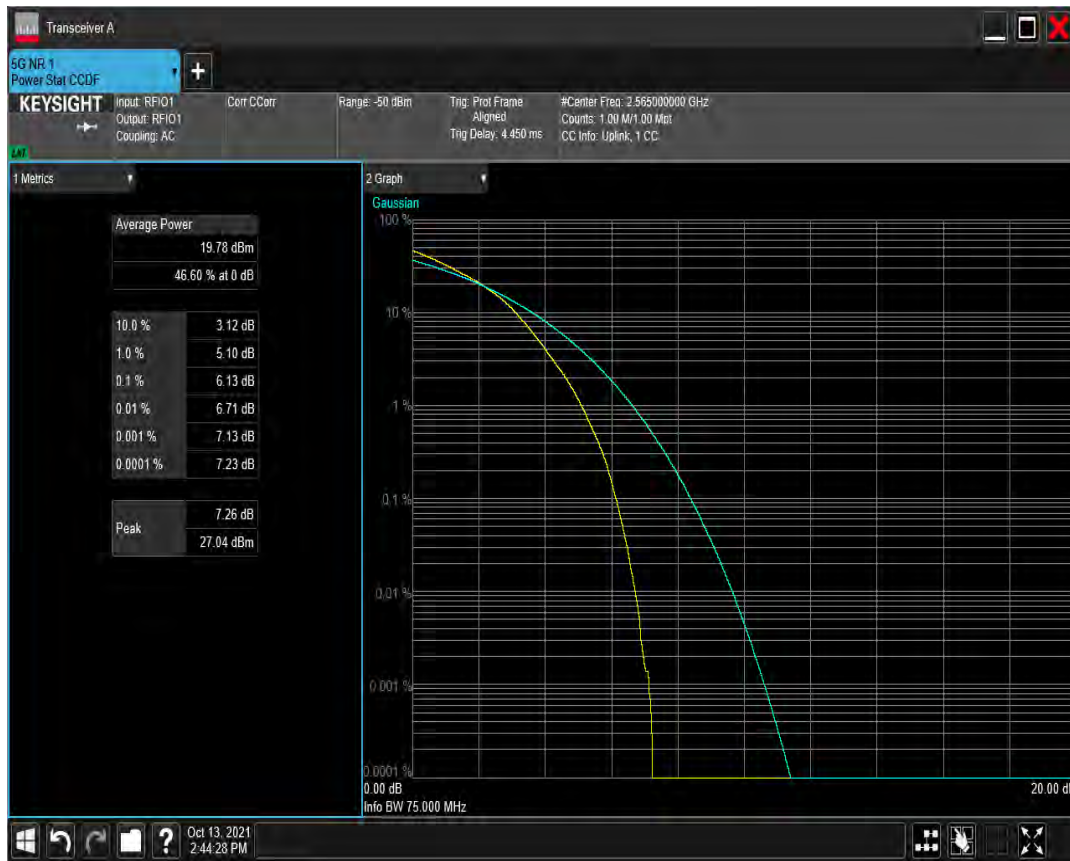
n41(2535-2655) SCS=30kHz DFT_BPSK BW=60MHz Channel=513000 RB=162@0



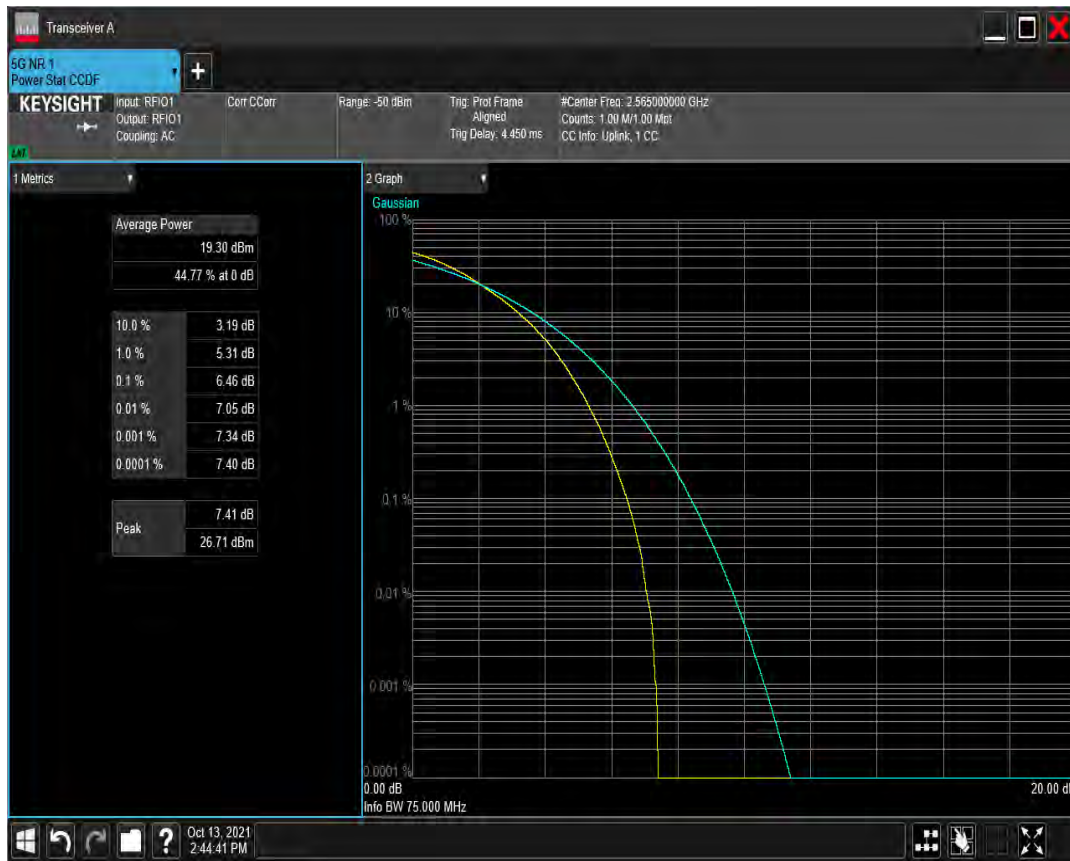
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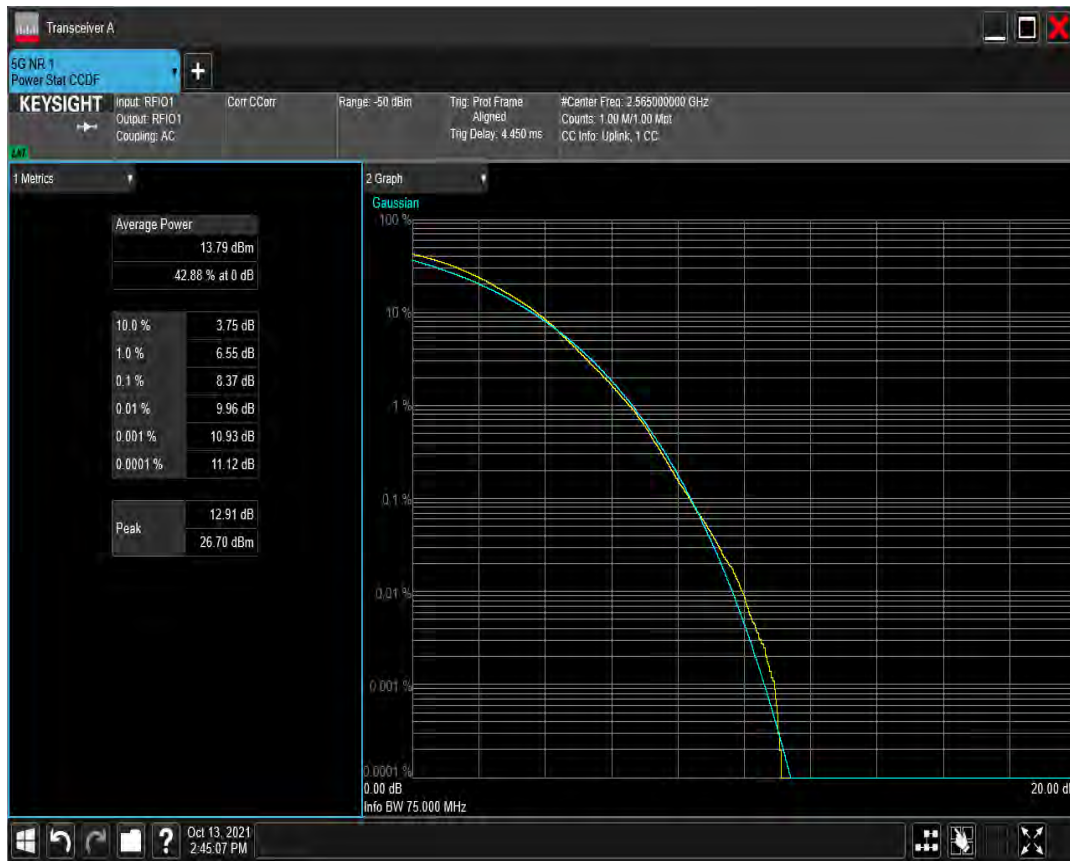
n41(2535-2655) SCS=30kHz DFT_QAM16 BW=60MHz Channel=513000 RB=162@0



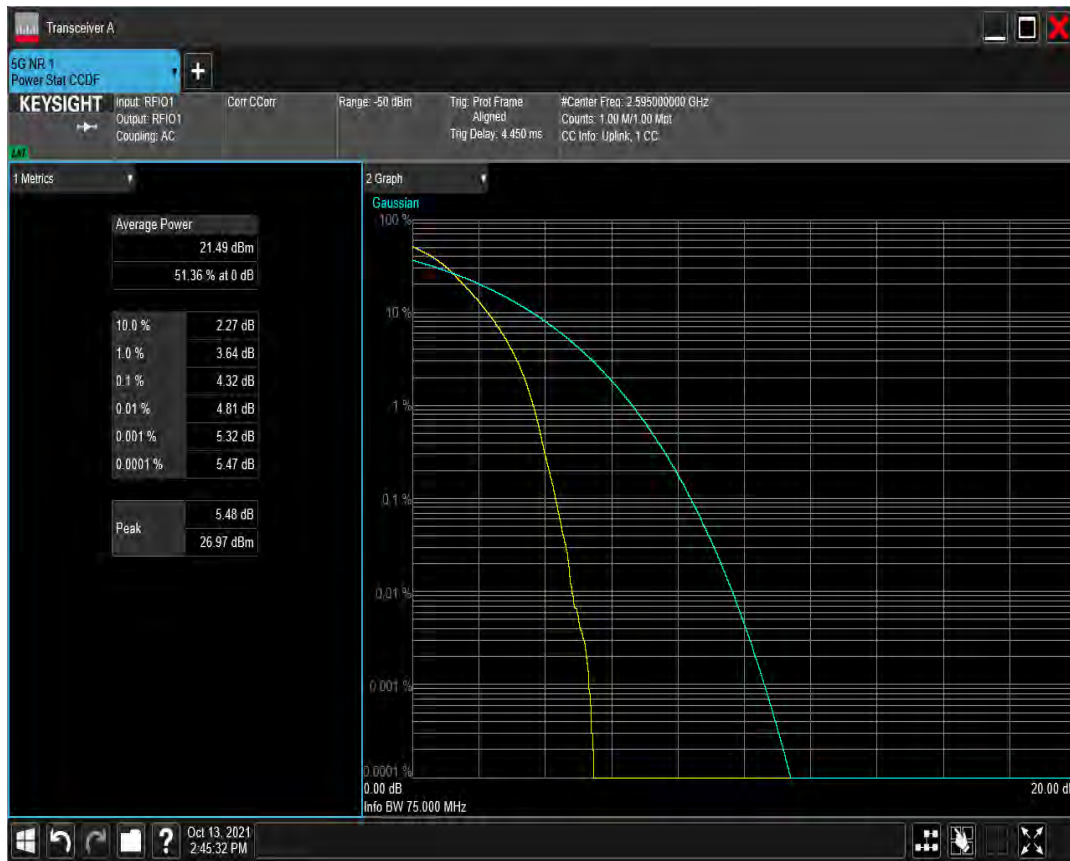
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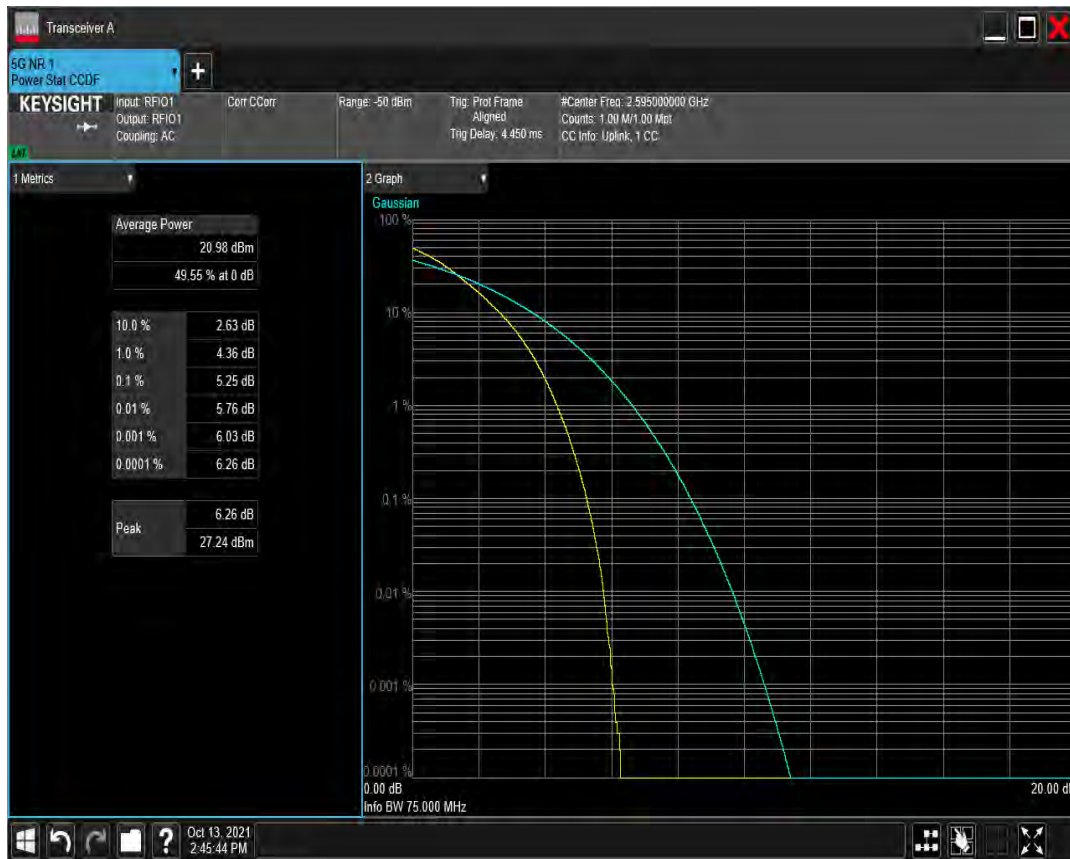


n41(2535-2655) SCS=30kHz DFT_QAM256 BW=60MHz Channel=513000 RB=162@0

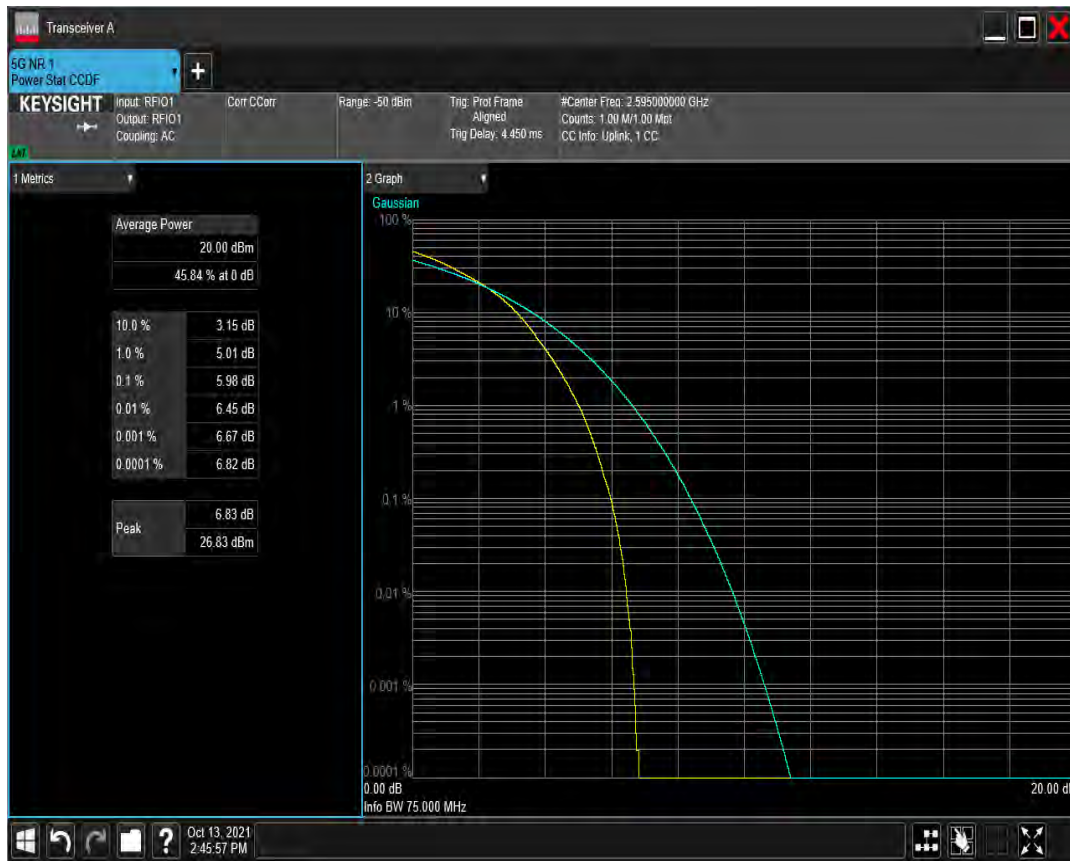


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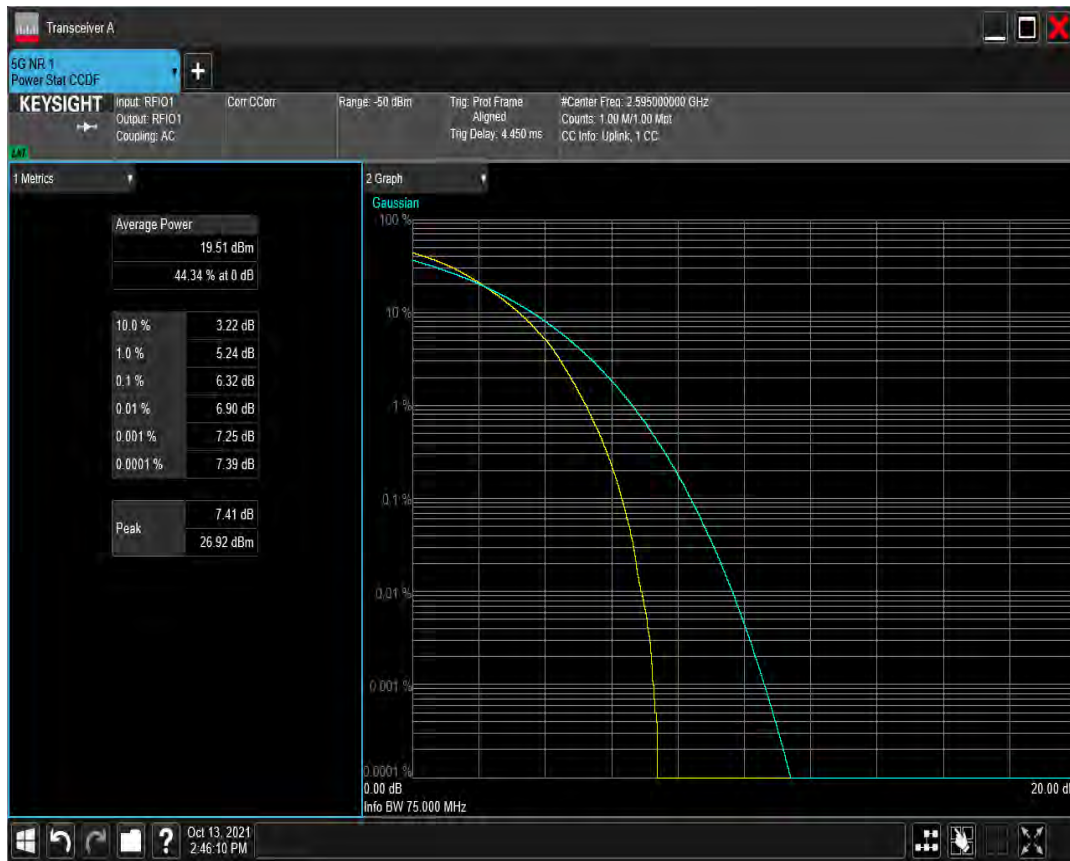




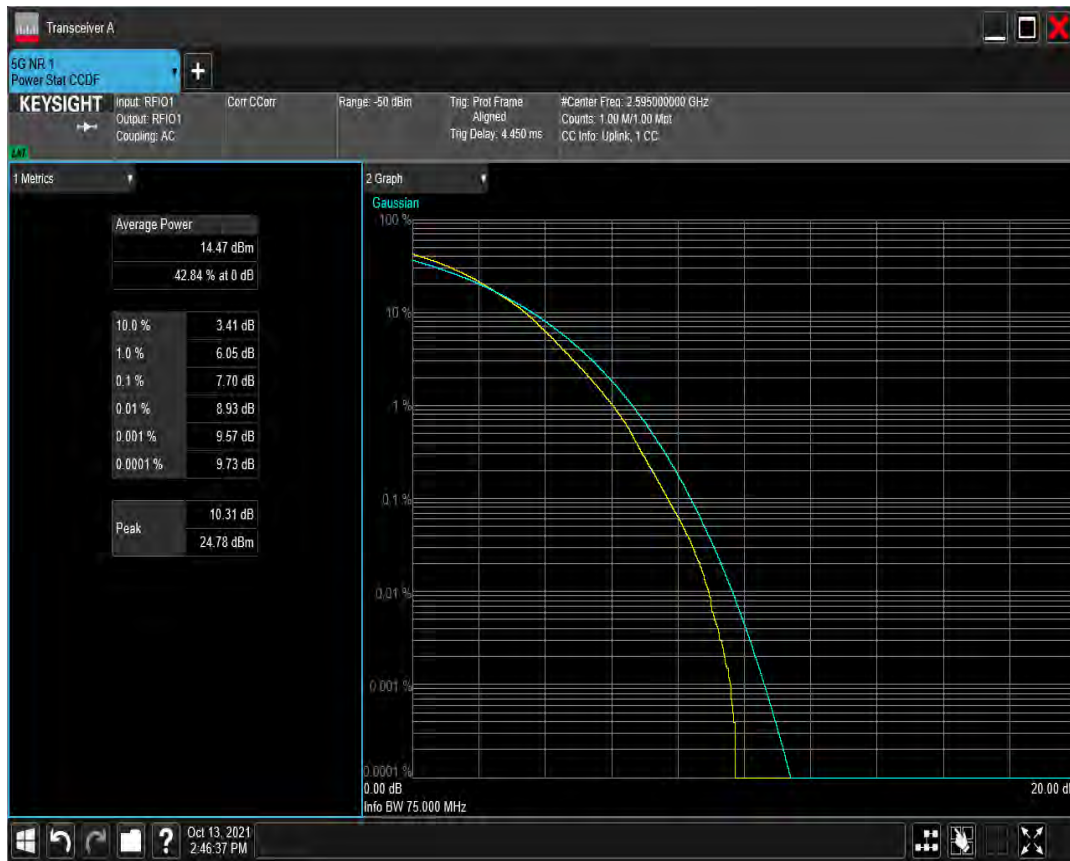
n41(2535-2655) SCS=30kHz DFT_QAM16 BW=60MHz Channel=519000 RB=162@0

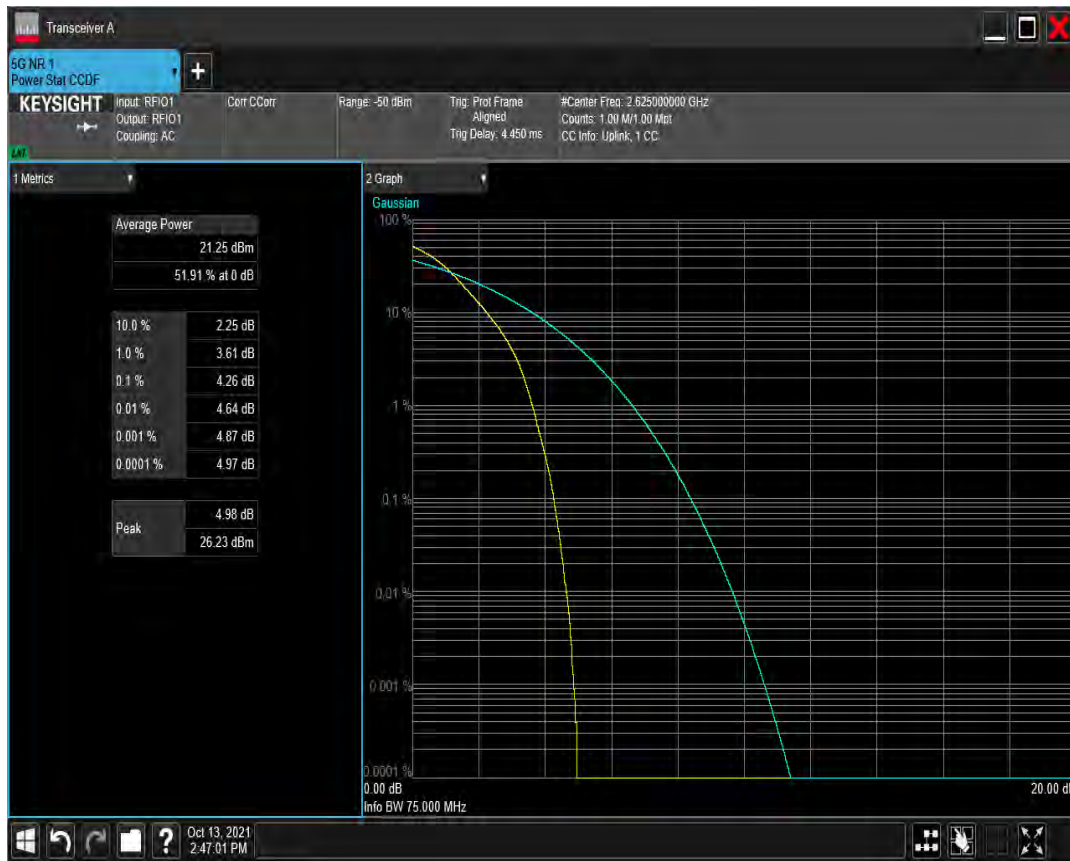


n41(2535-2655) SCS=30kHz DFT_QAM64 BW=60MHz Channel=519000 RB=162@0

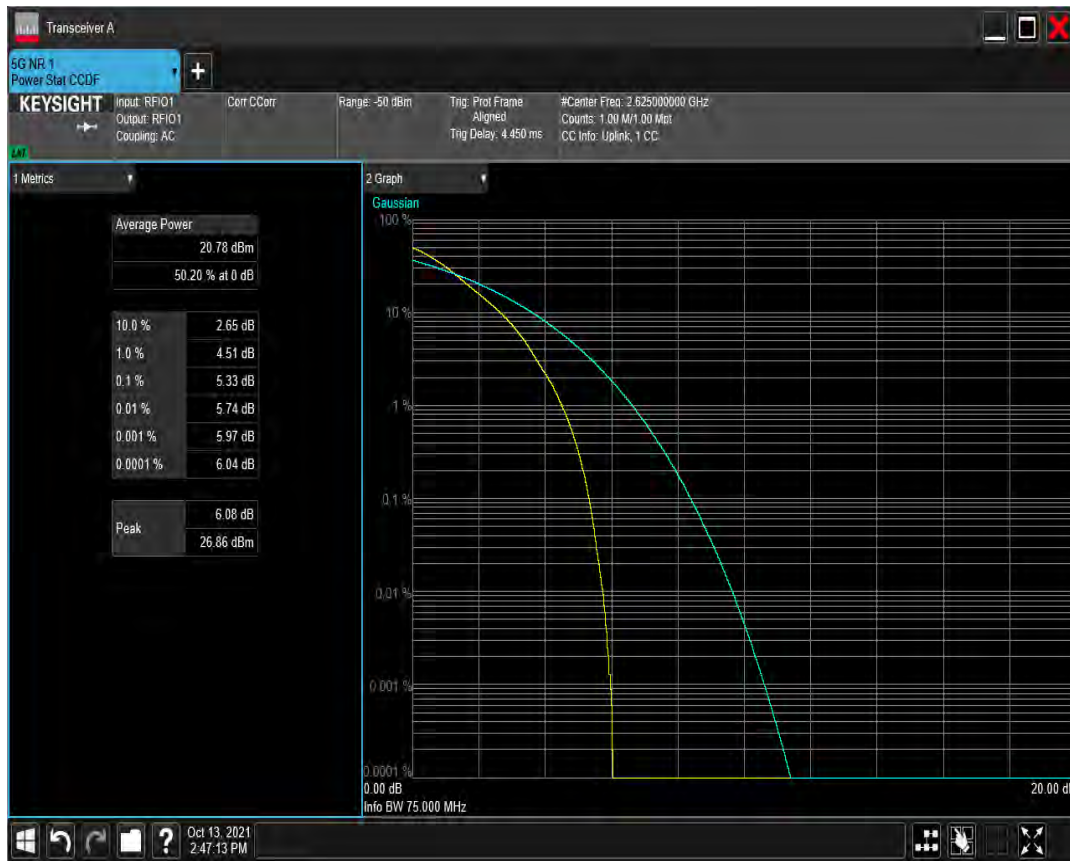


n41(2535-2655) SCS=30kHz DFT_QAM256 BW=60MHz Channel=519000 RB=162@0

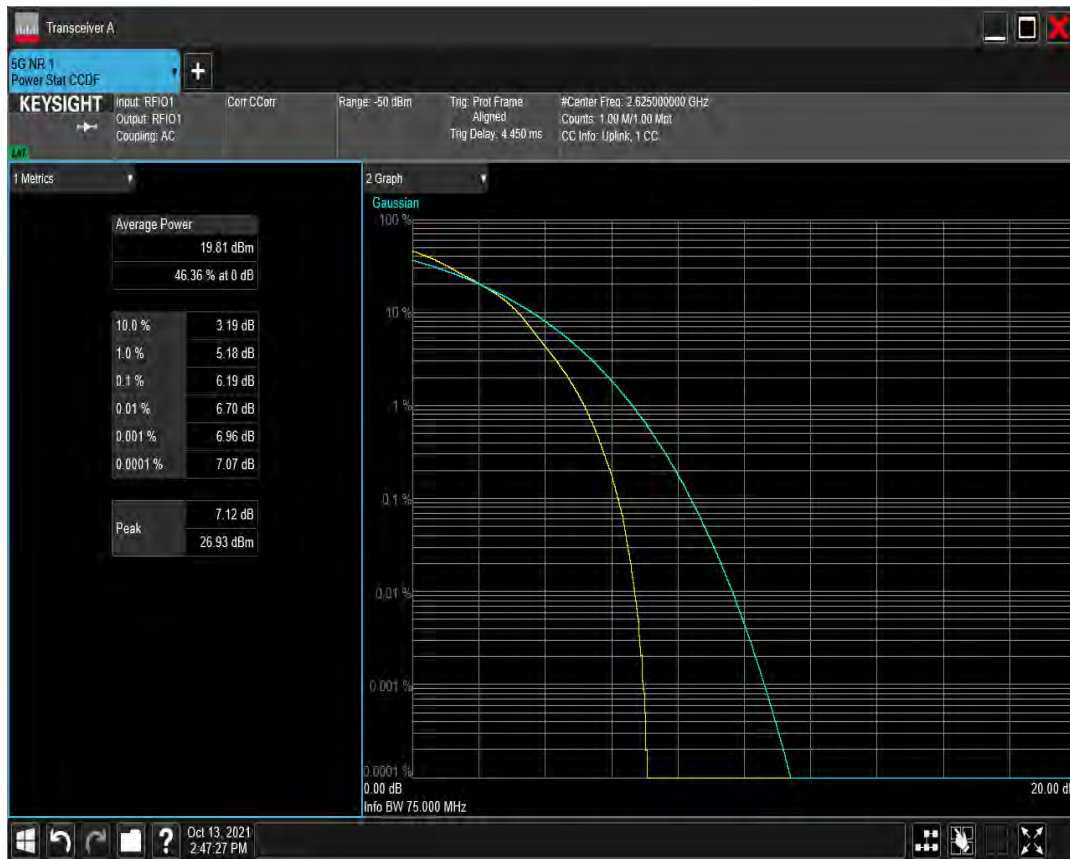




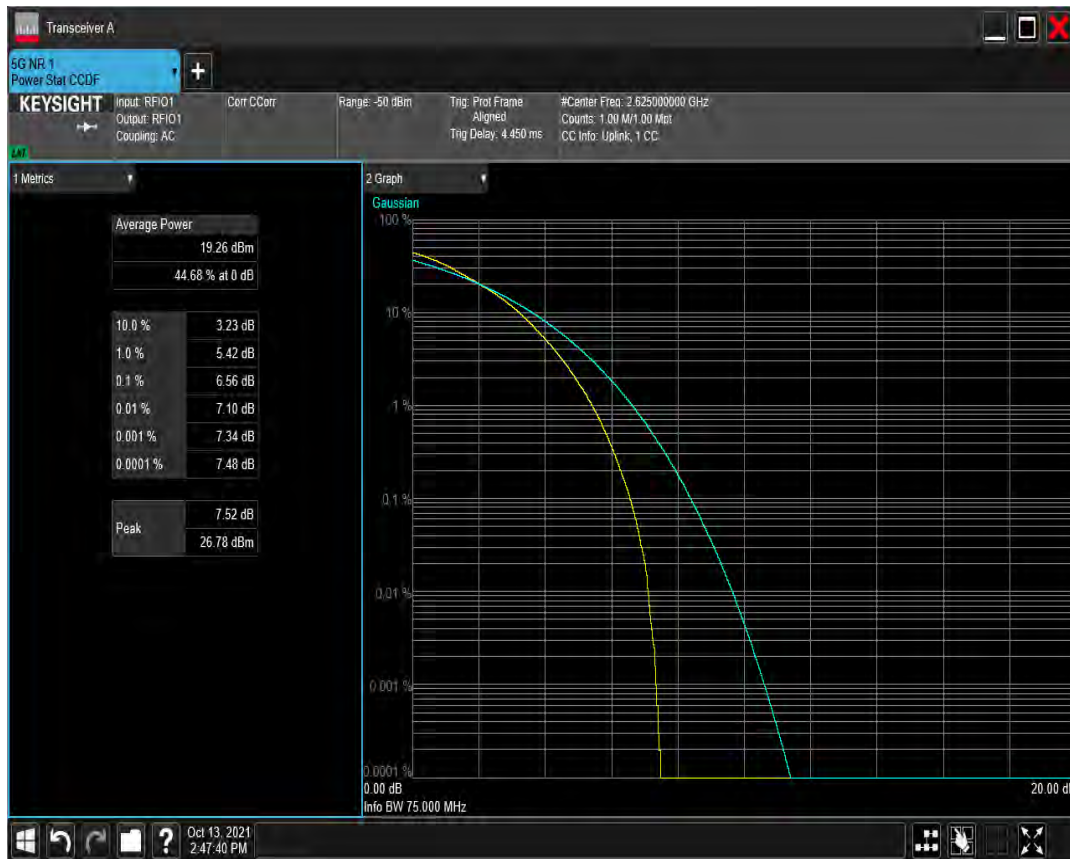
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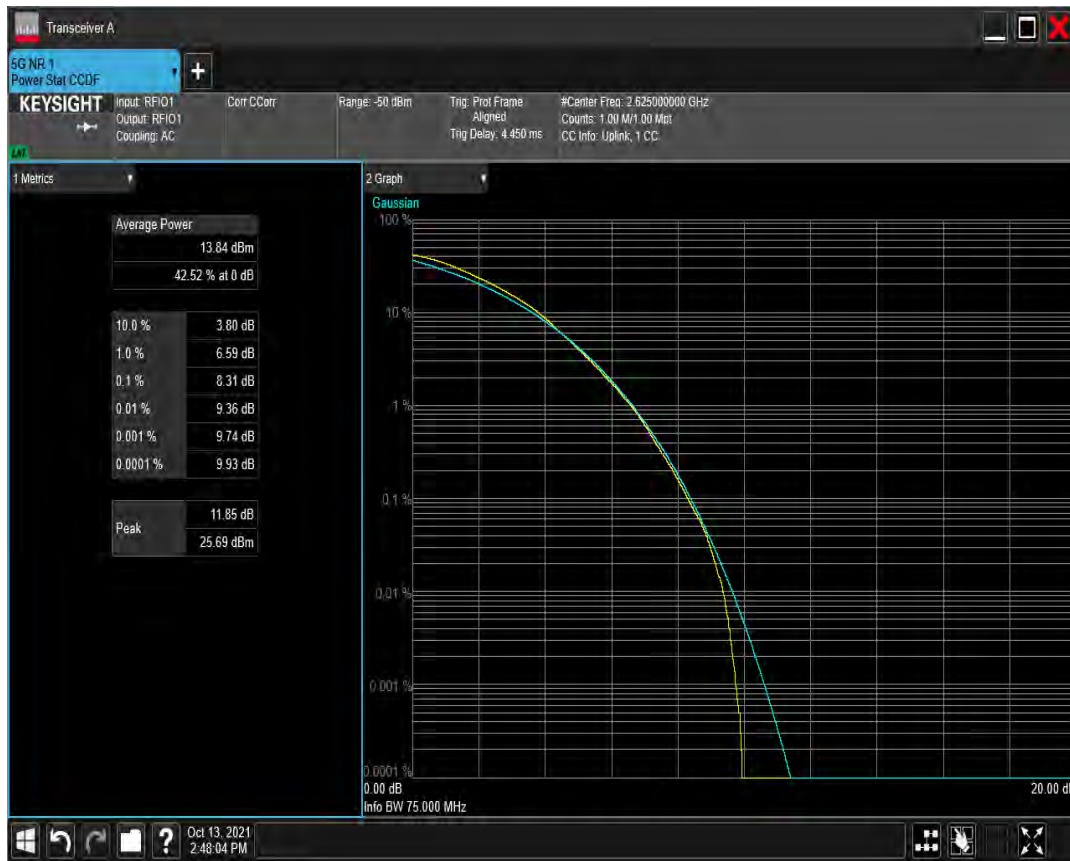
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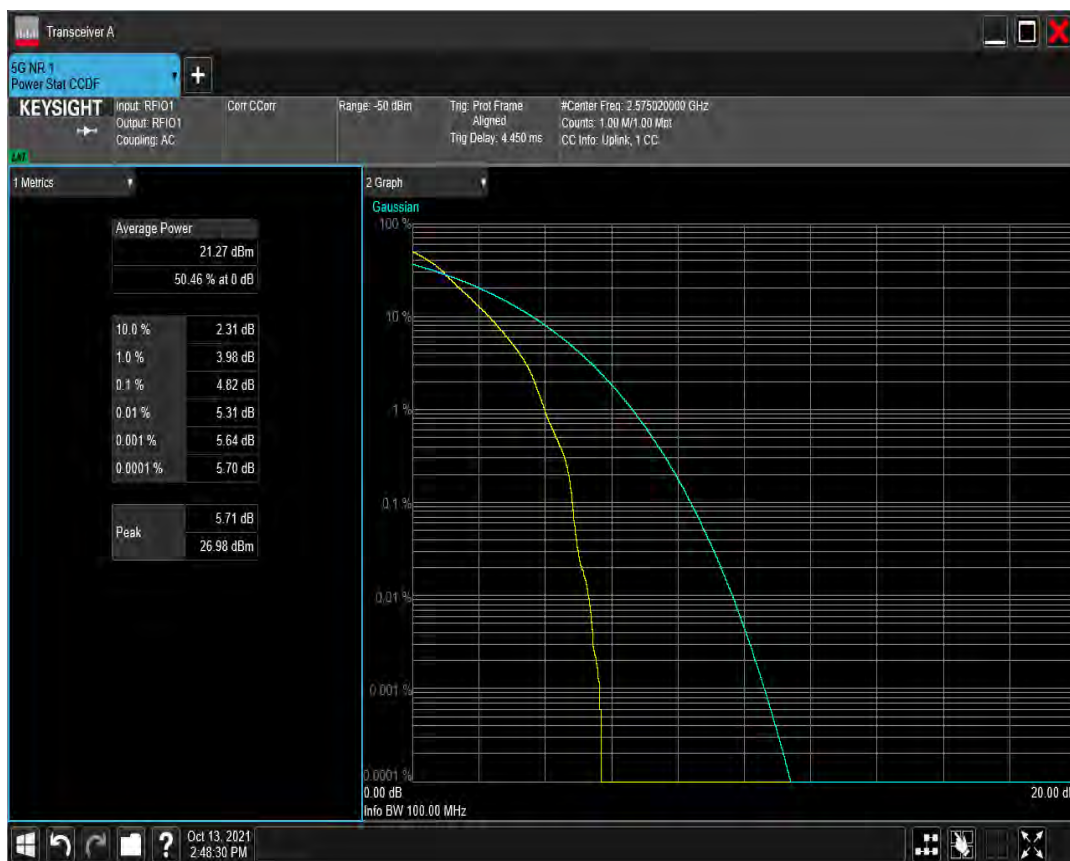
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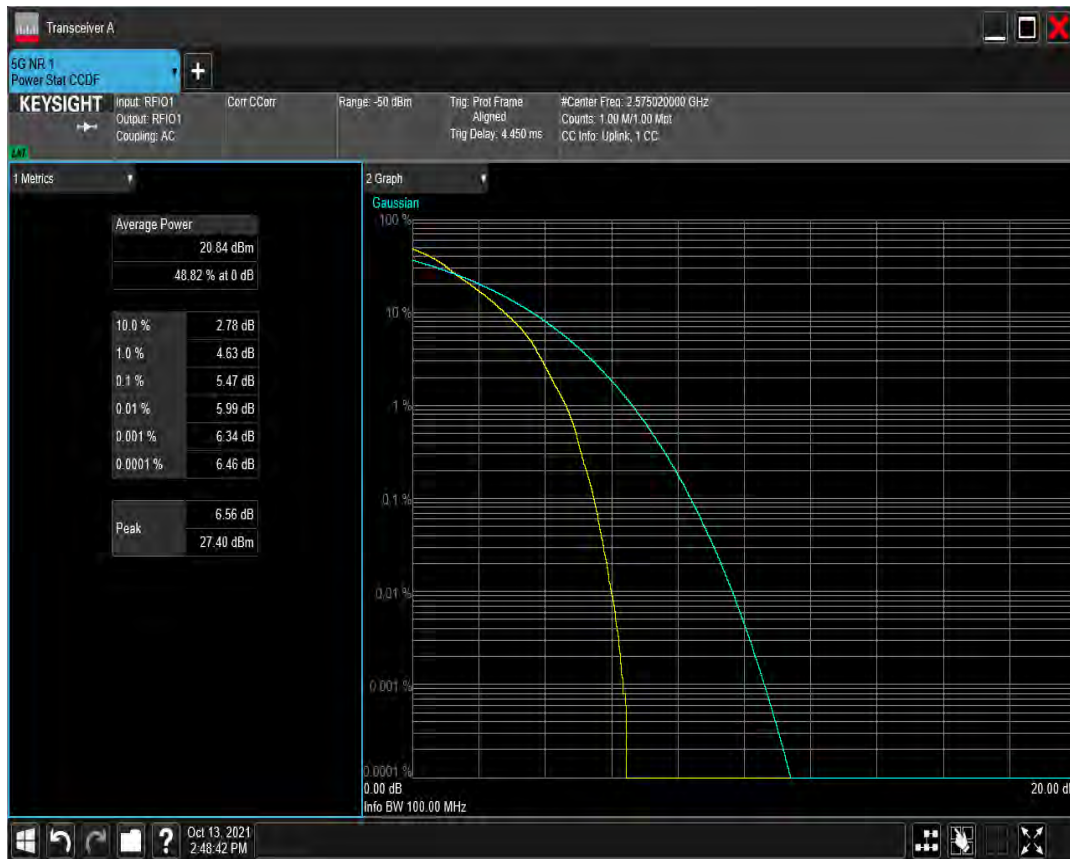
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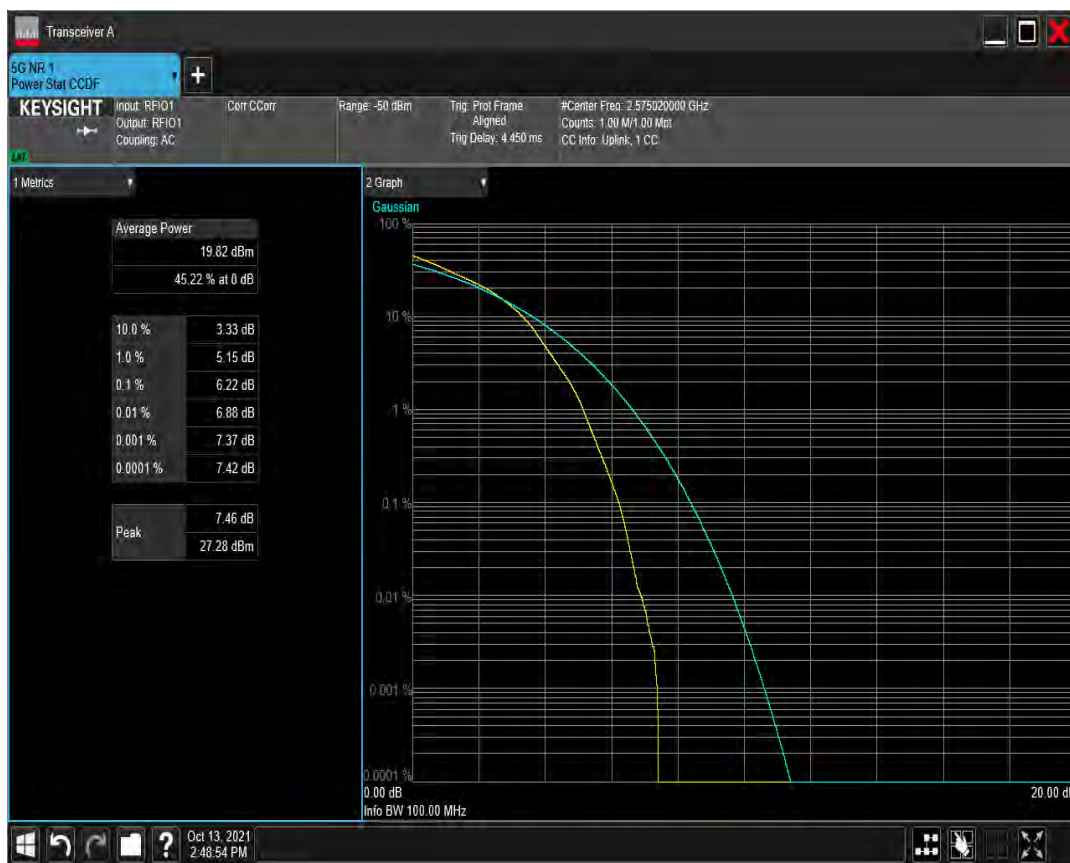
n41(2535-2655) SCS=30kHz DFT_BPSK BW=80MHz Channel=515004 RB=216@0



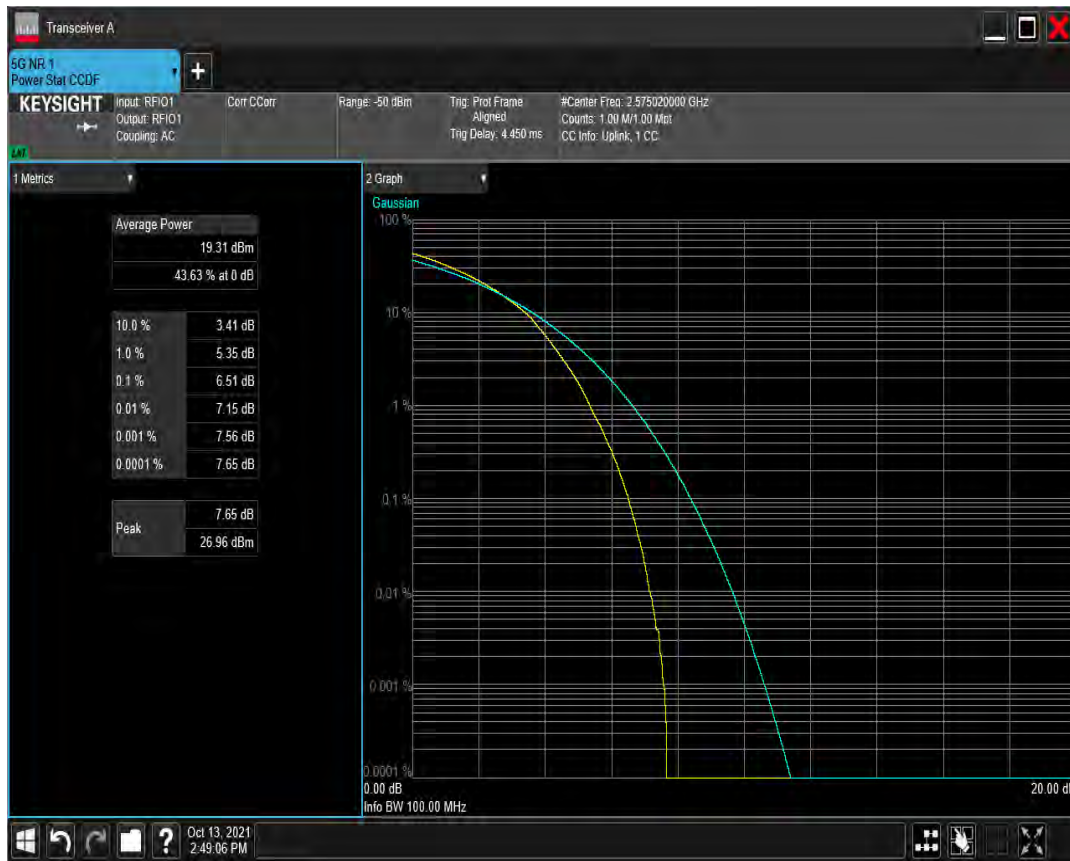
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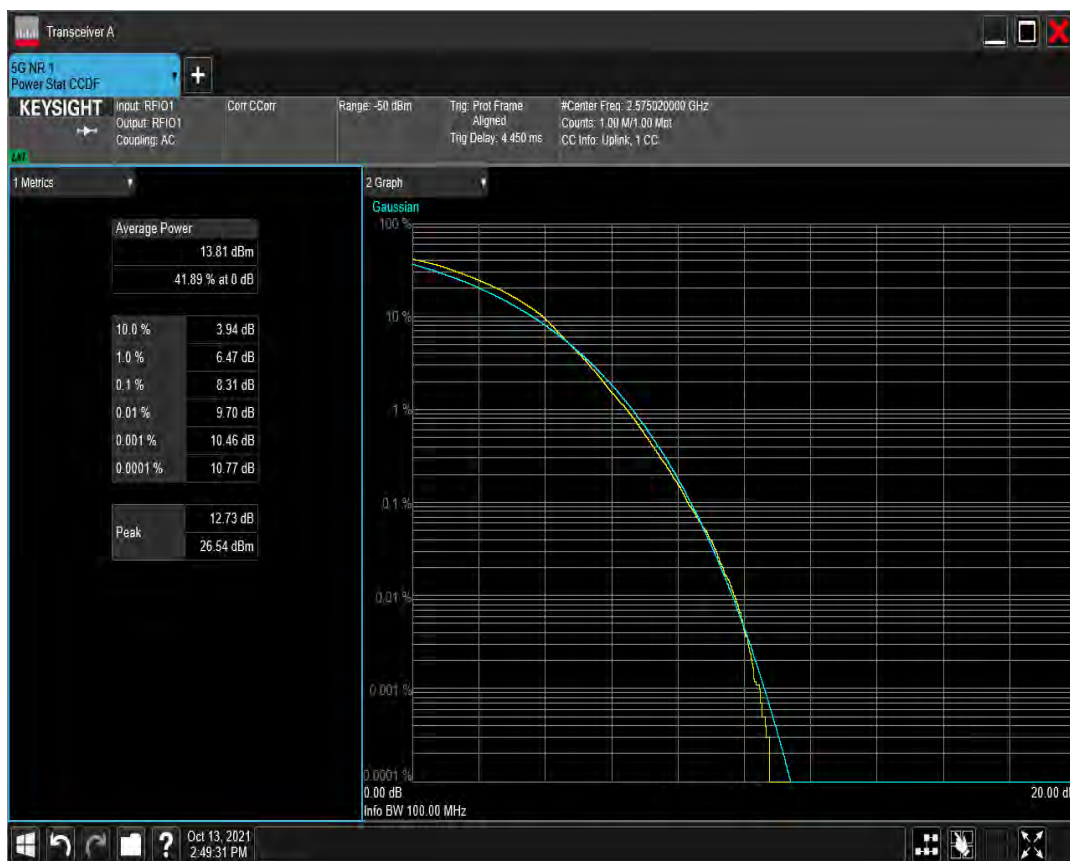
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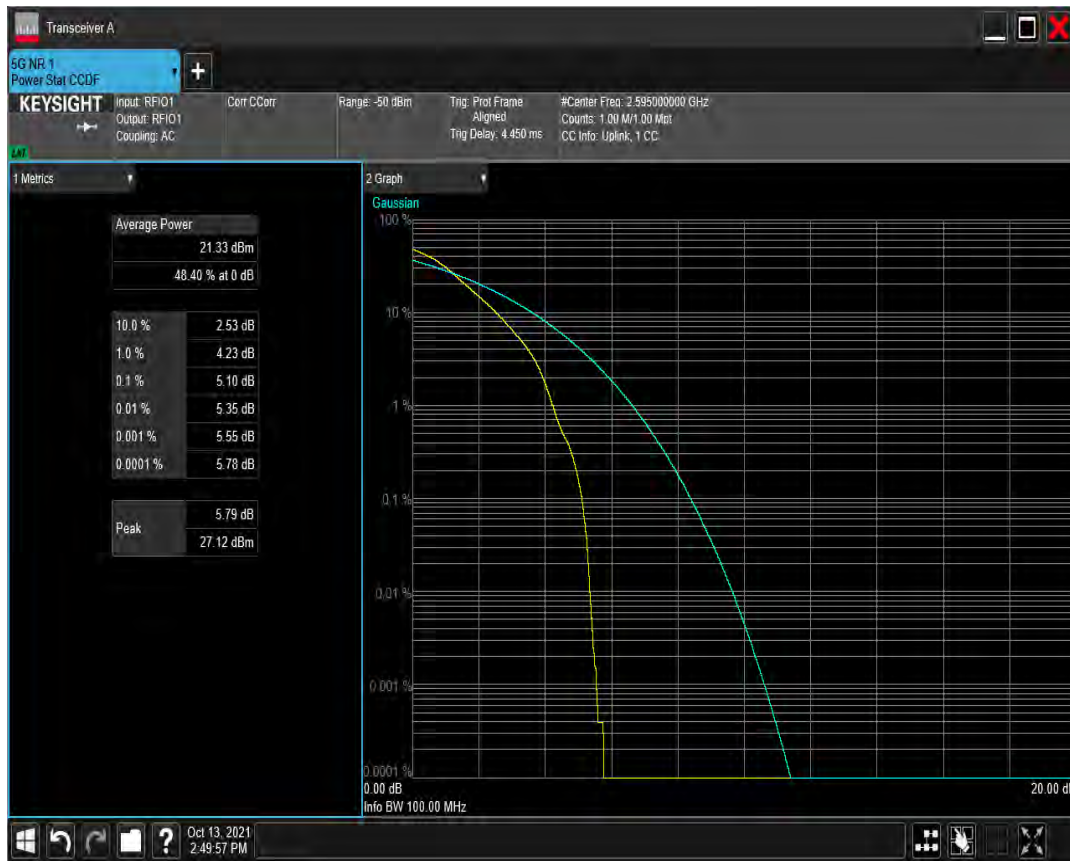
n41(2535-2655) SCS=30kHz DFT_QAM64 BW=80MHz Channel=515004 RB=216@0



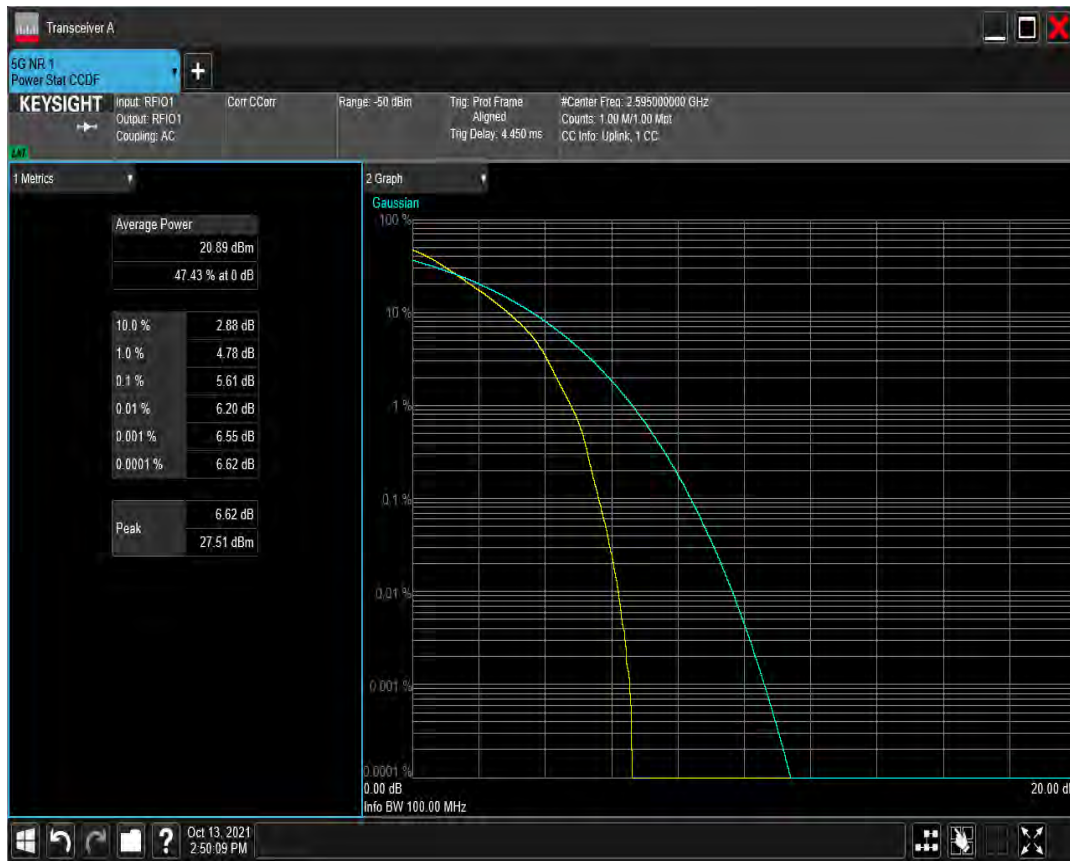
n41(2535-2655) SCS=30kHz DFT_QAM256 BW=80MHz Channel=515004 RB=216@0



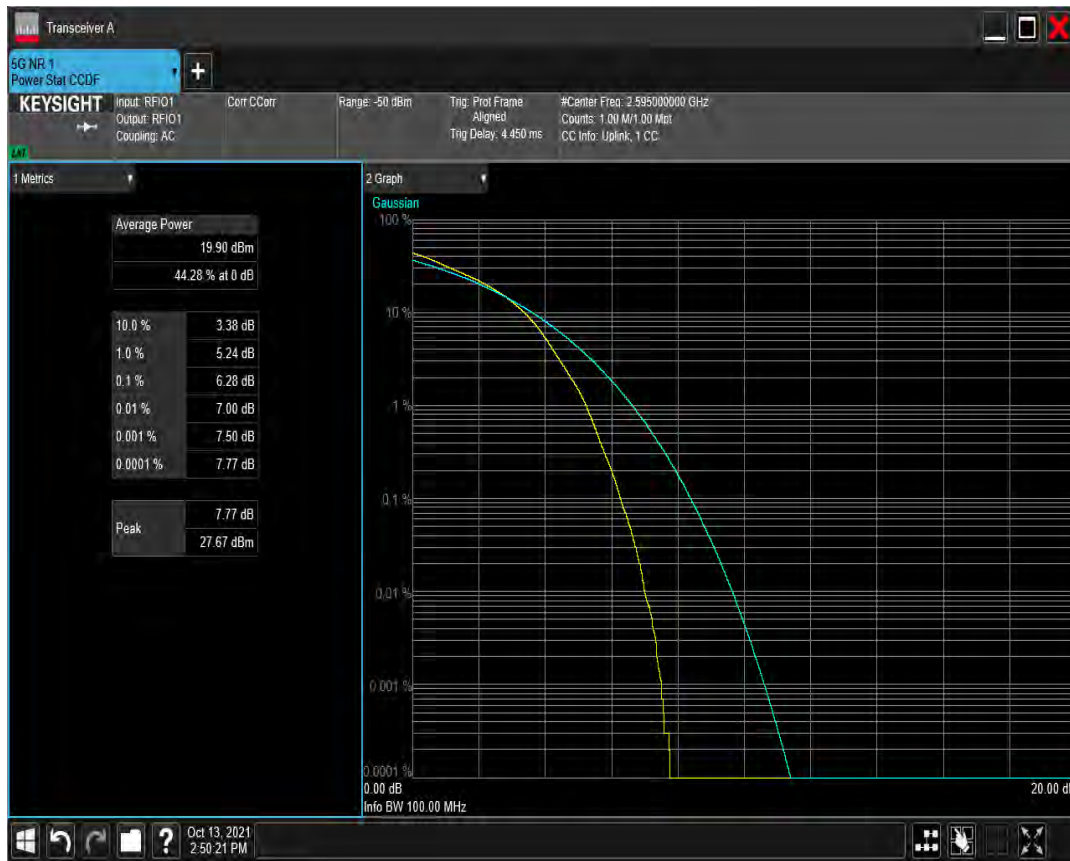
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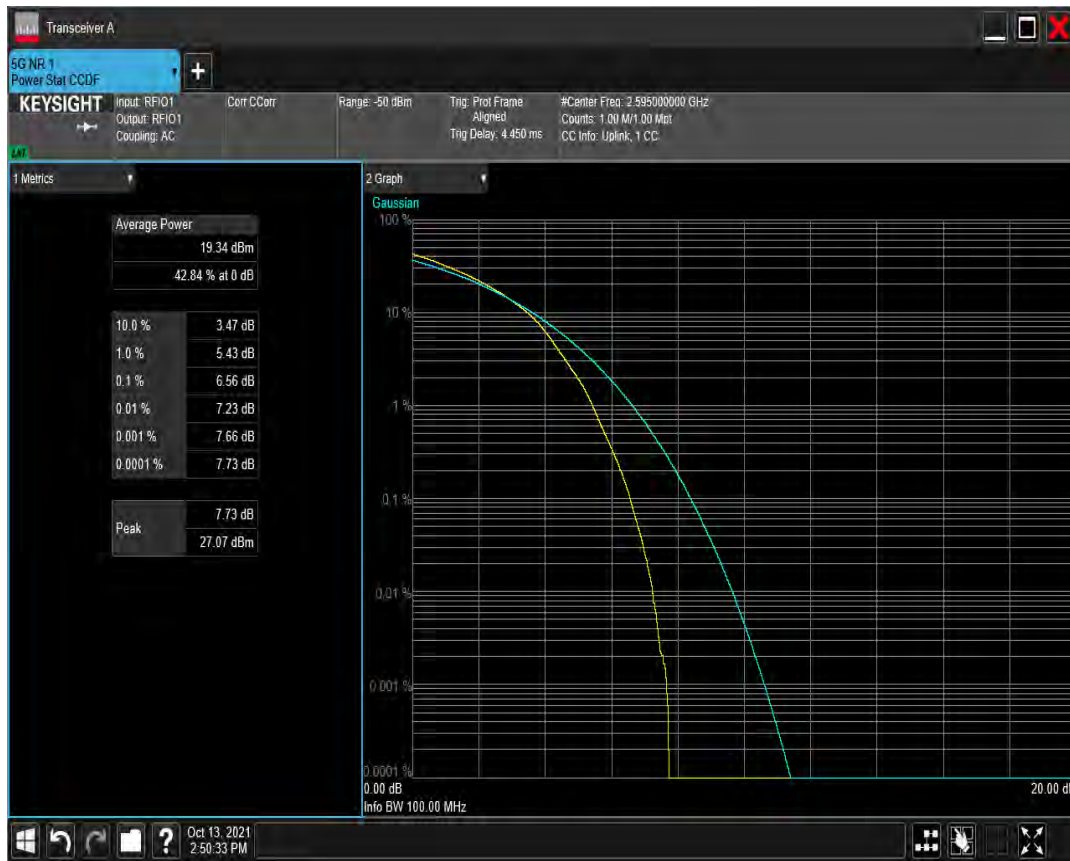
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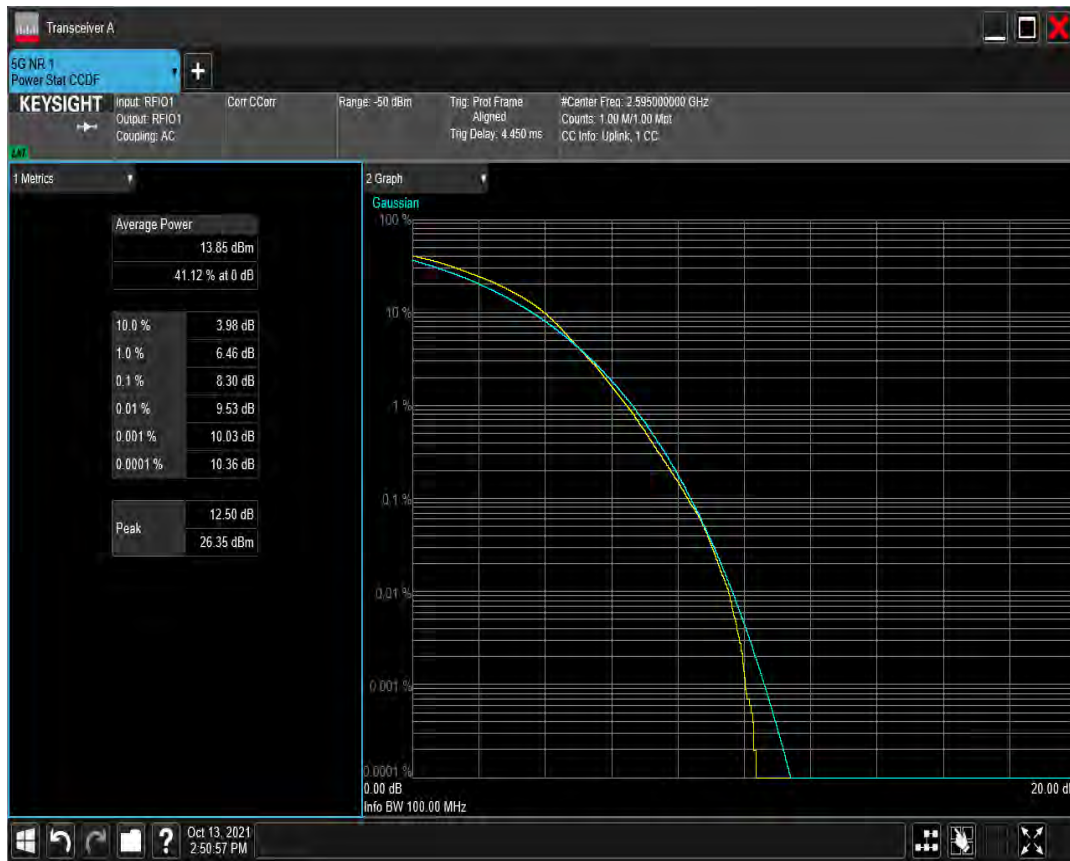
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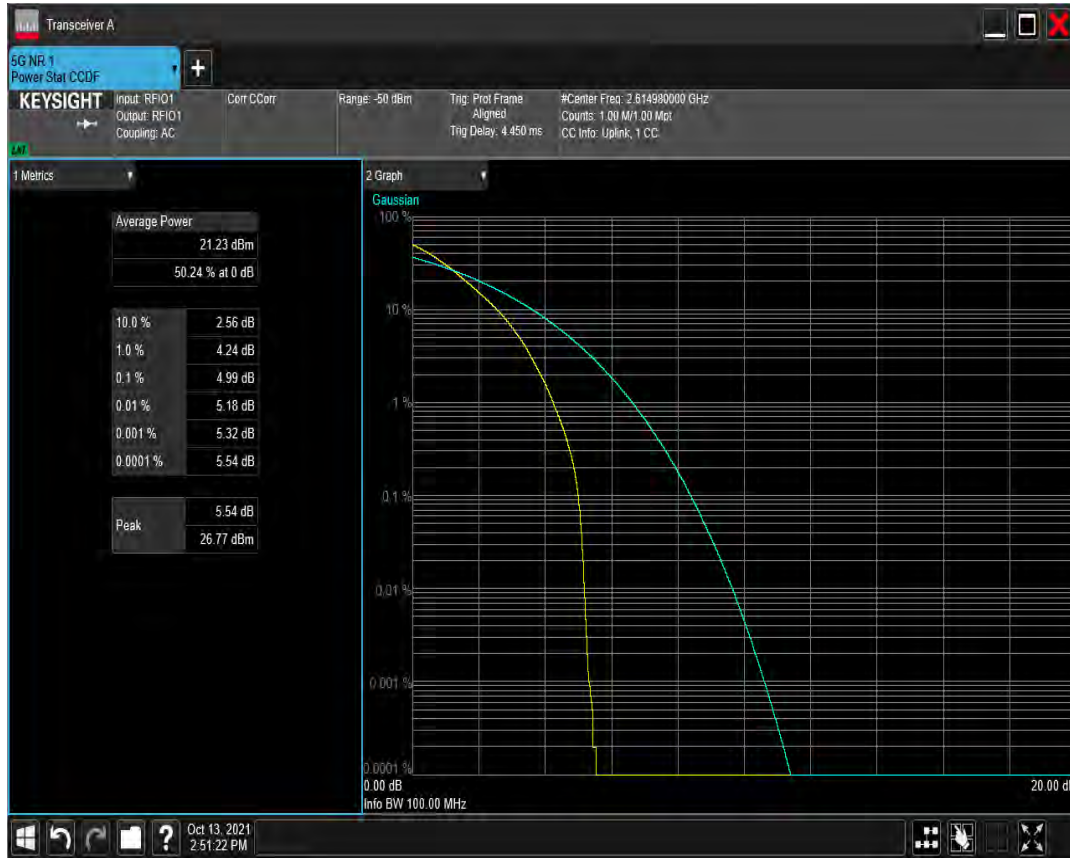
n41(2535-2655) SCS=30kHz DFT_QAM64 BW=80MHz Channel=519000 RB=216@0



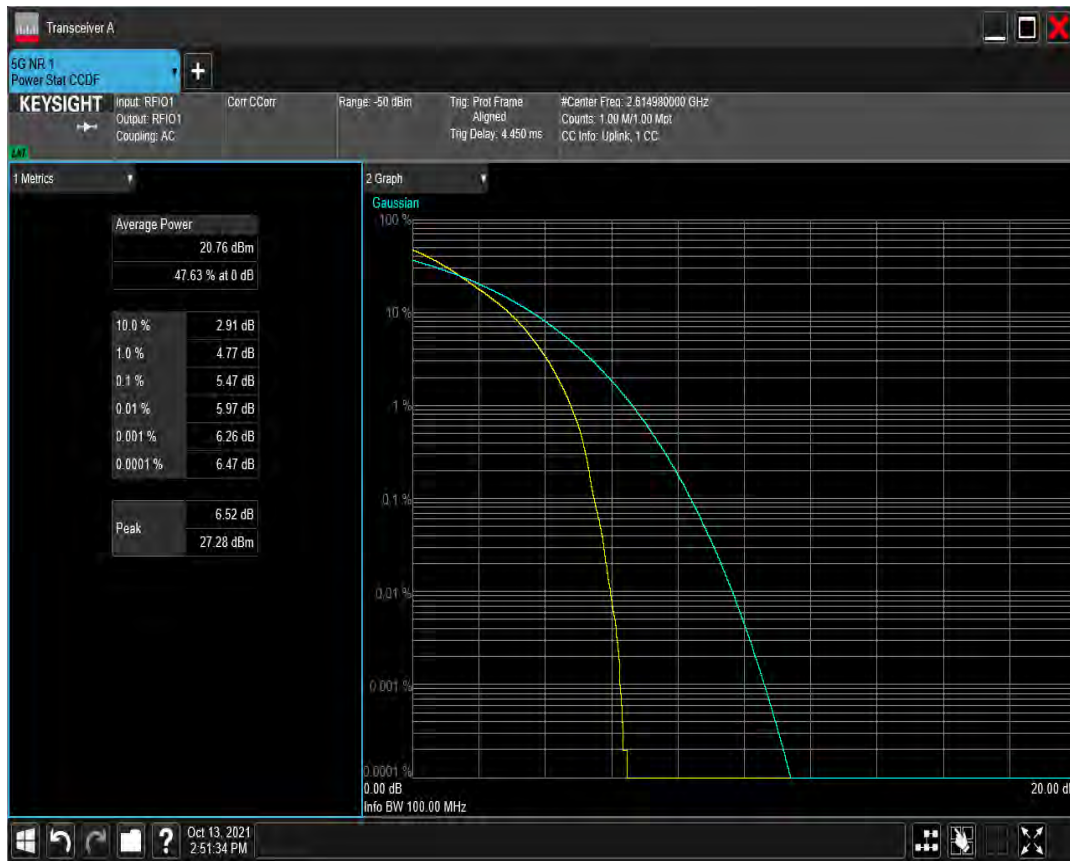
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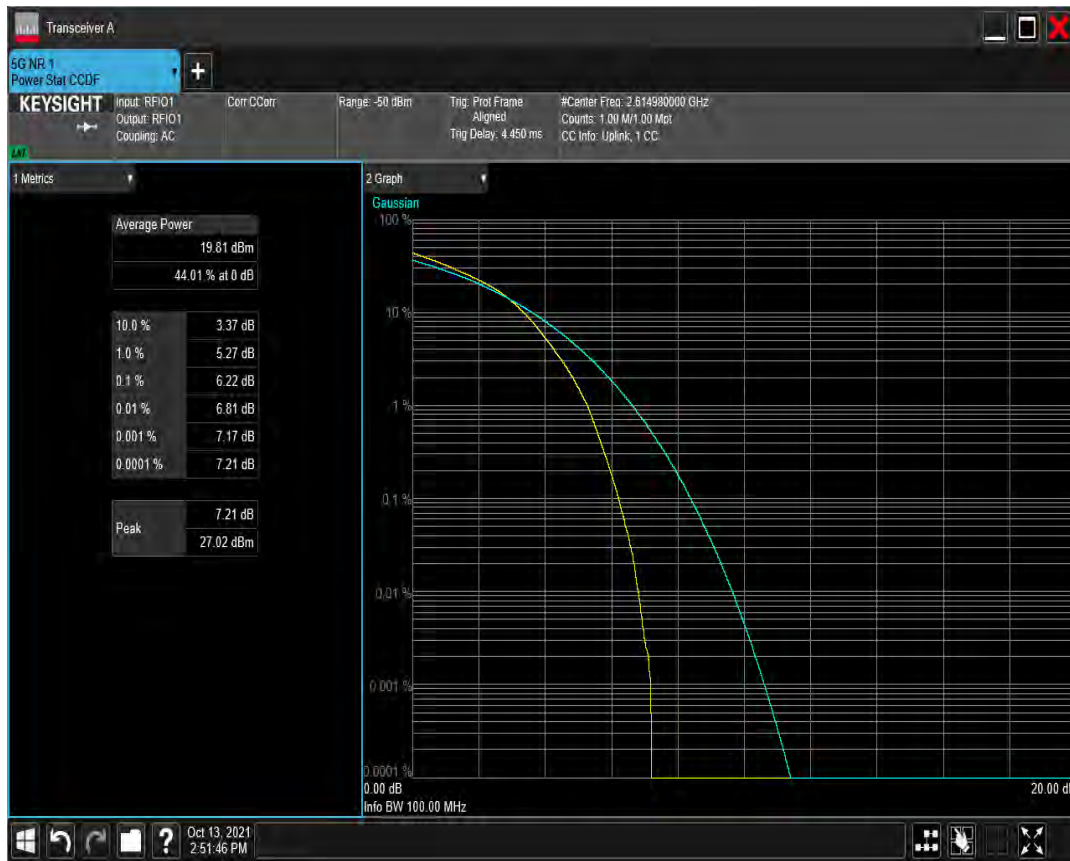
n41(2535-2655) SCS=30kHz DFT_BPSK BW=80MHz Channel=522996 RB=216@0



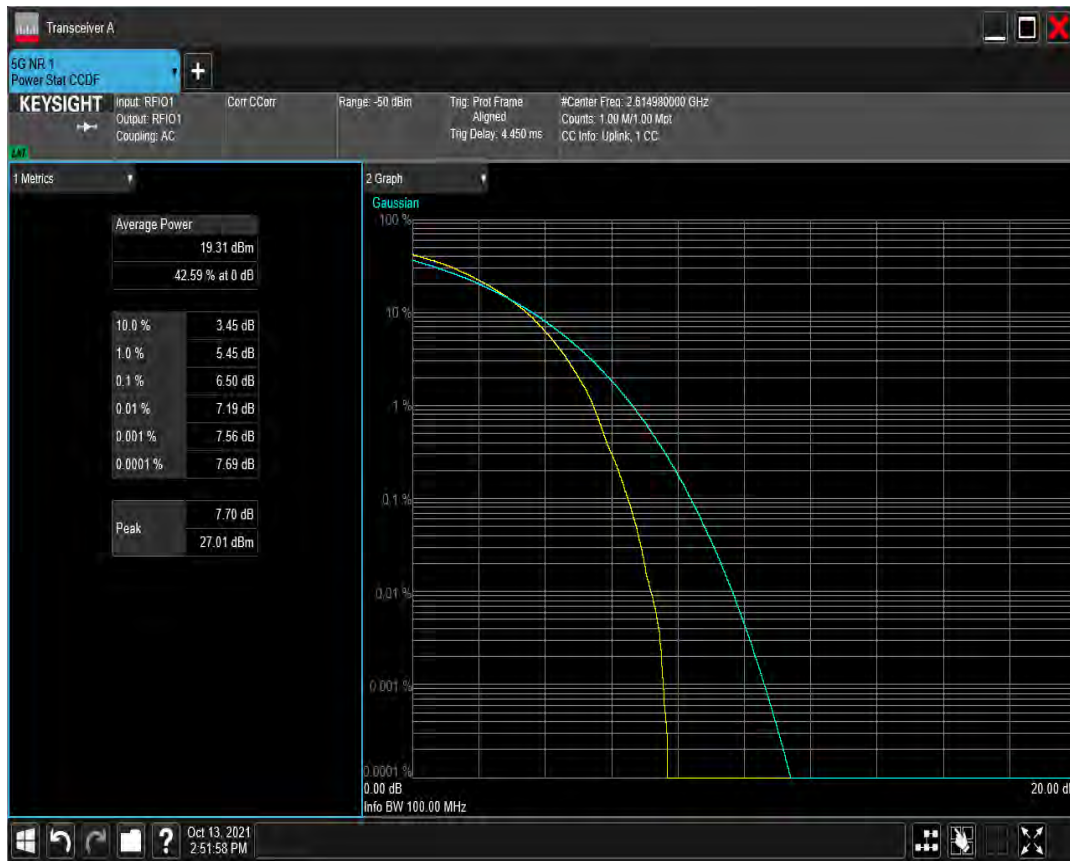
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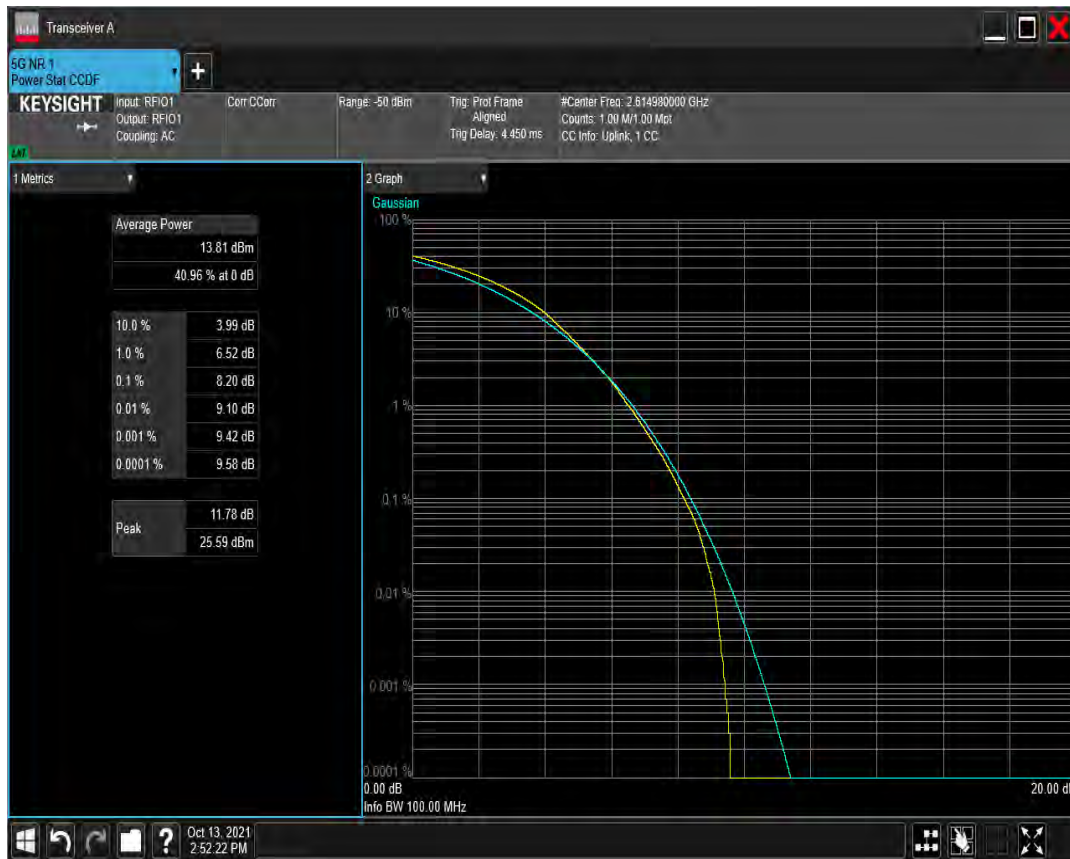
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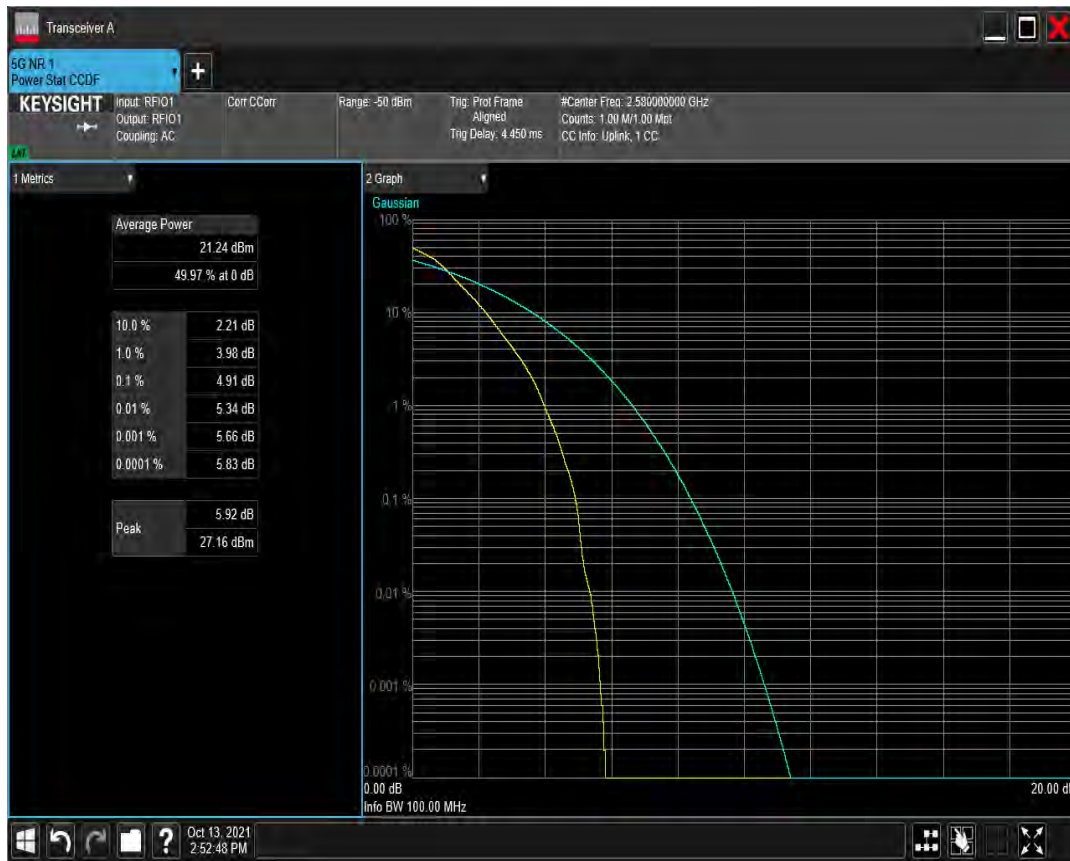
n41(2535-2655) SCS=30kHz DFT_QAM64 BW=80MHz Channel=522996 RB=216@0



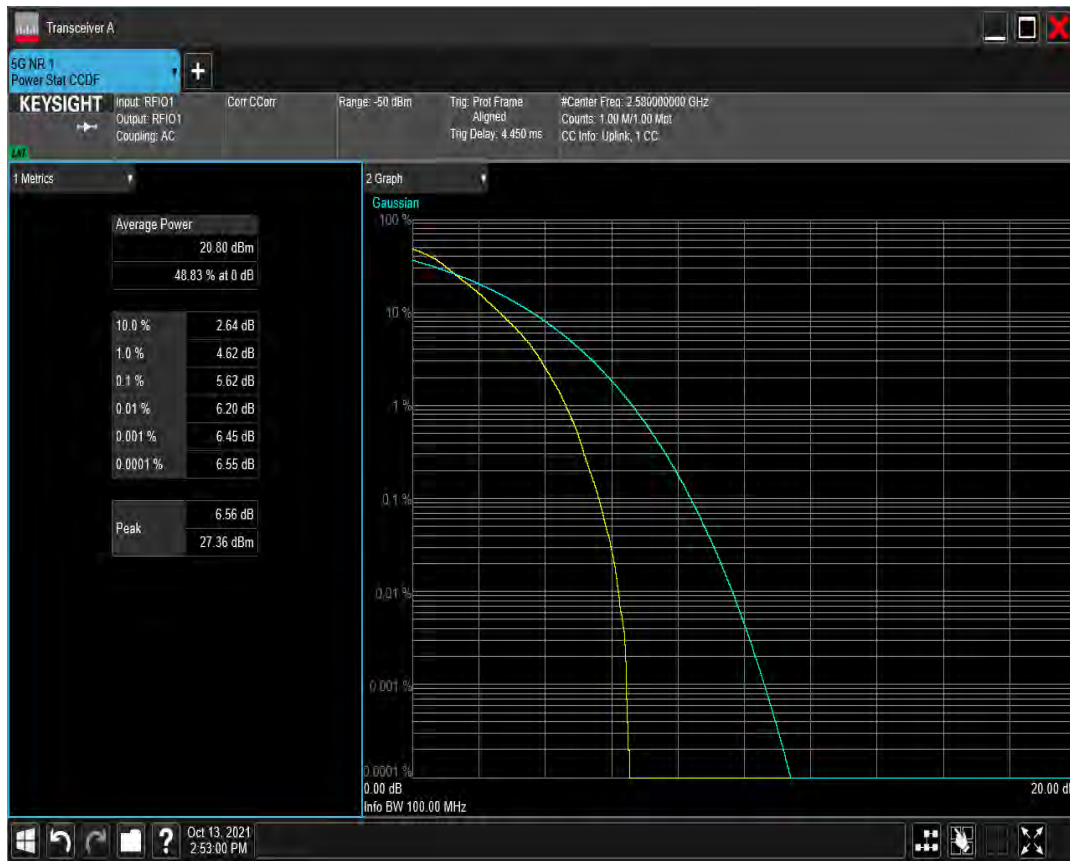
n41(2535-2655) SCS=30kHz DFT_QAM256 BW=80MHz Channel=522996 RB=216@0



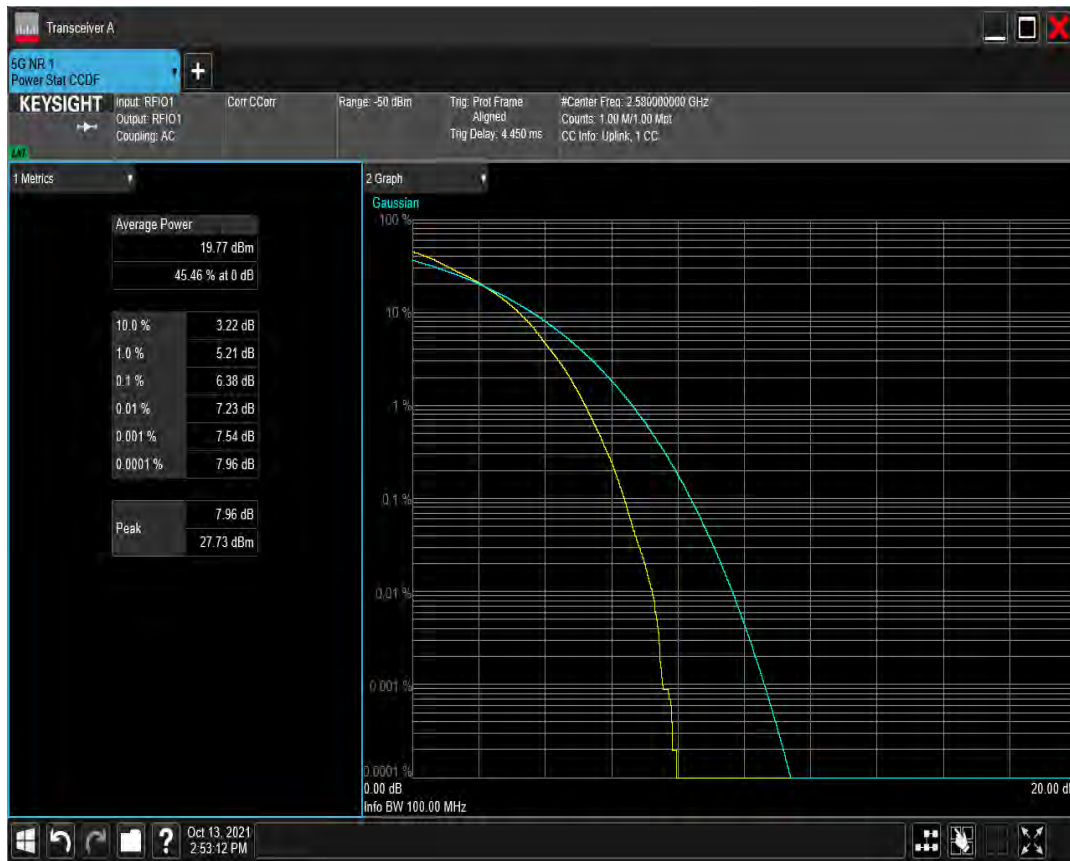
n41(2535-2655) SCS=30kHz DFT_BPSK BW=90MHz Channel=516000 RB=240@0



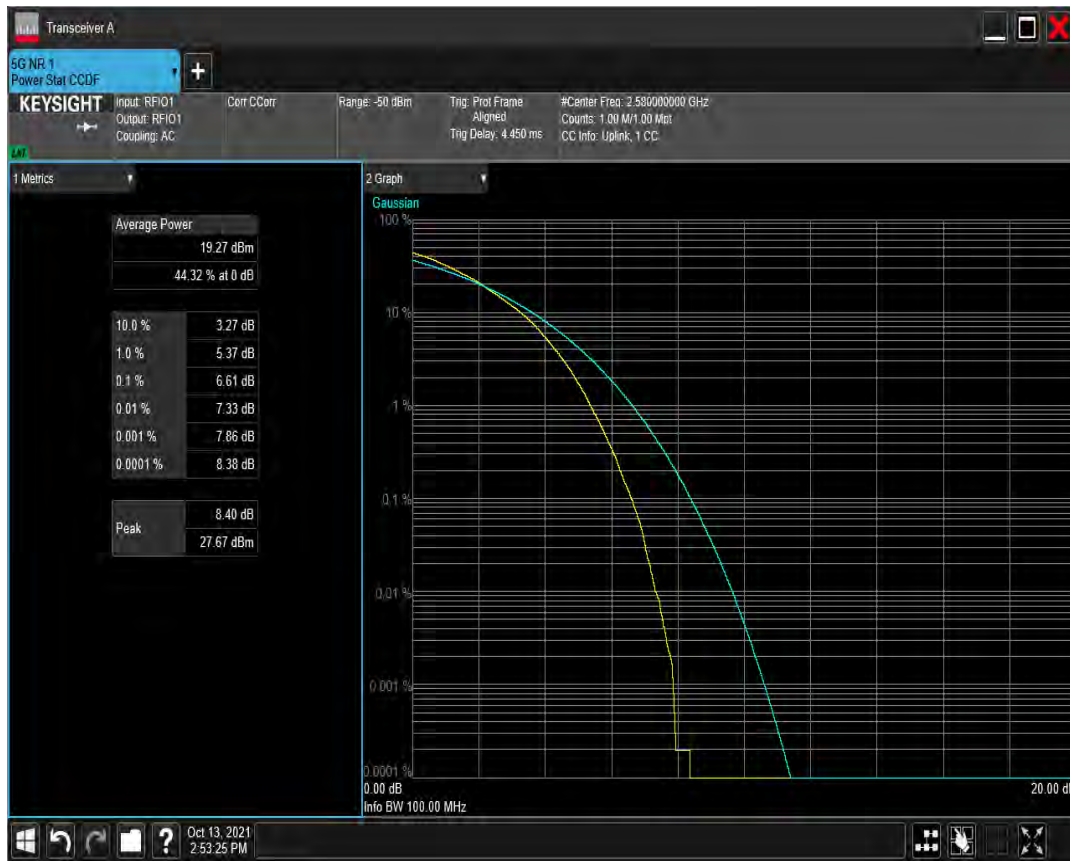
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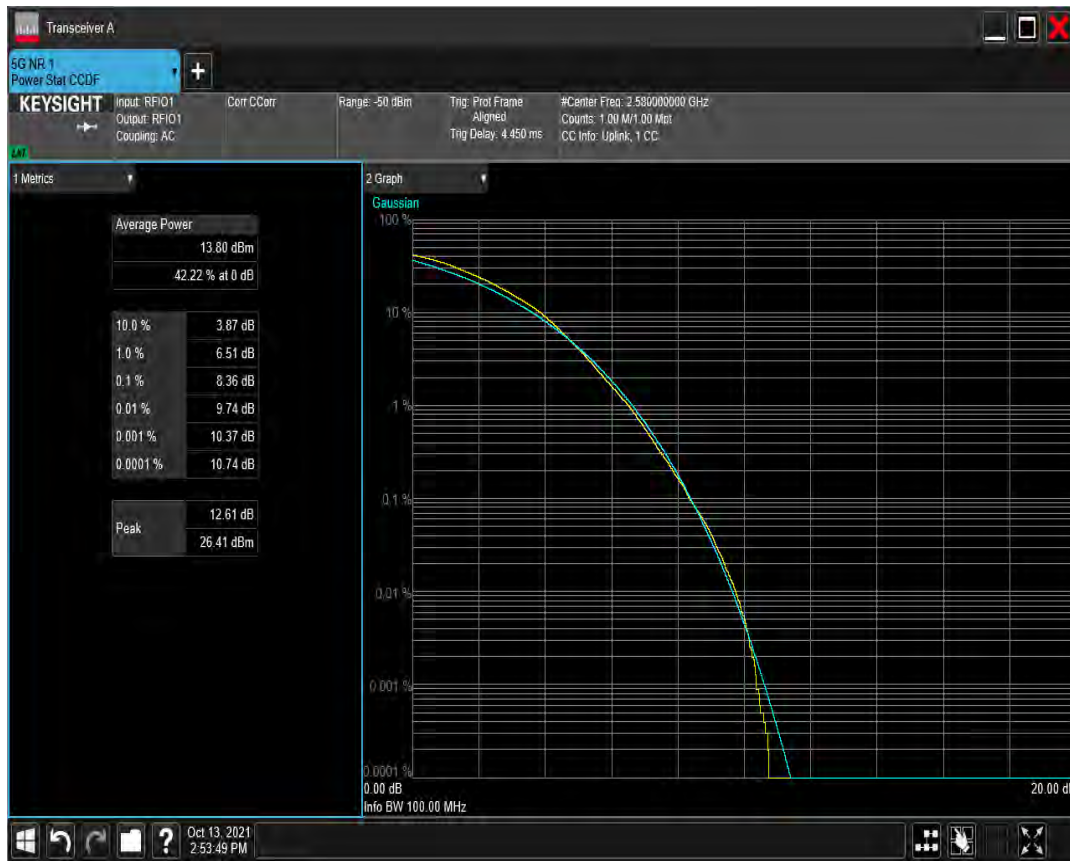
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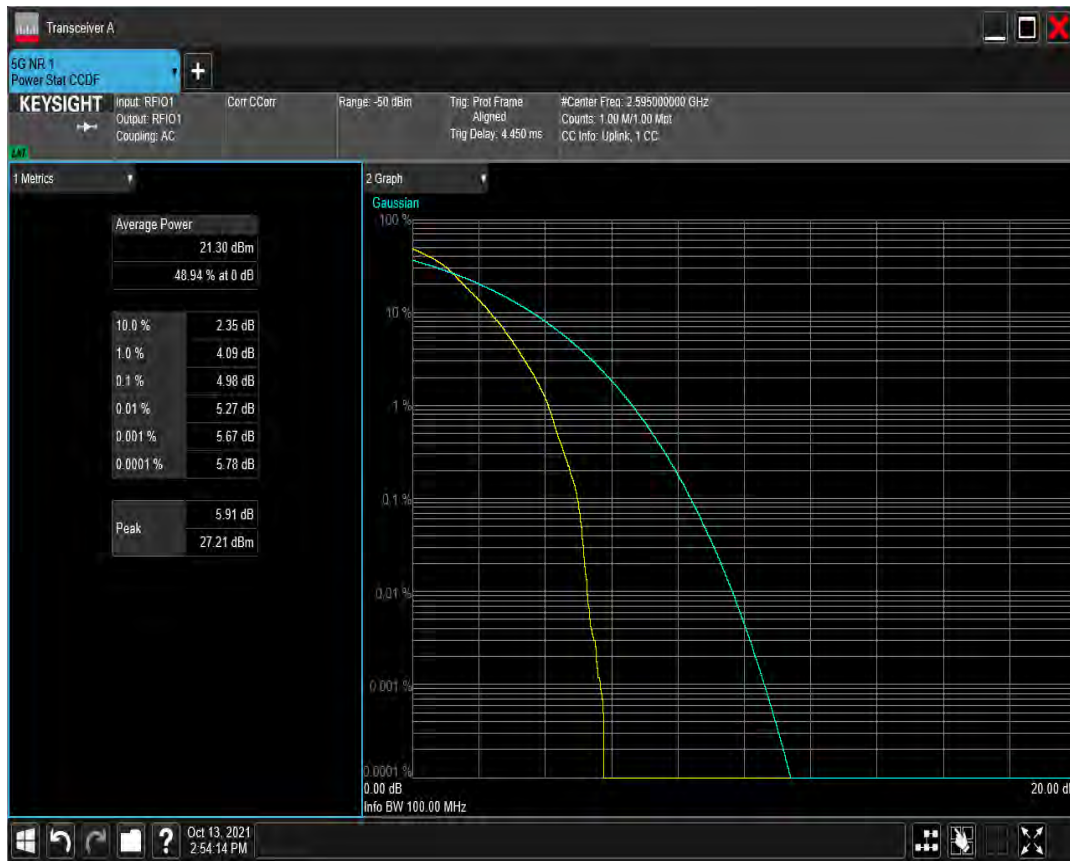
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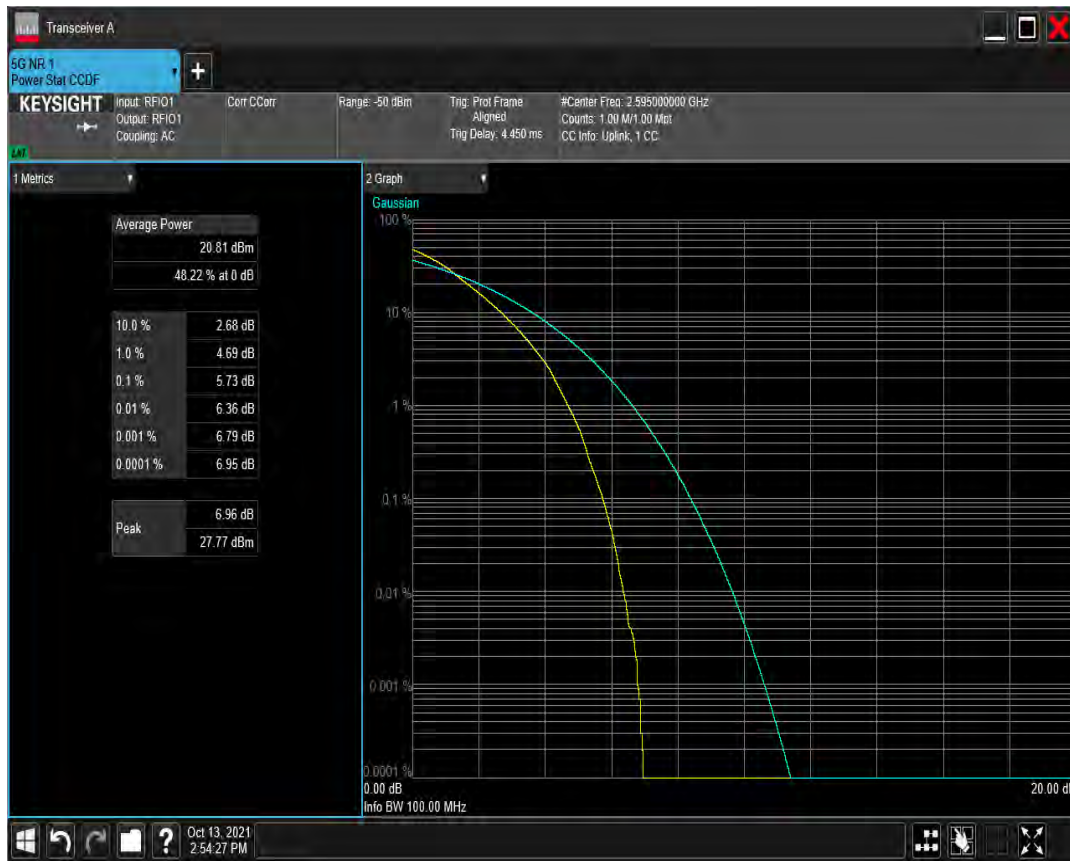
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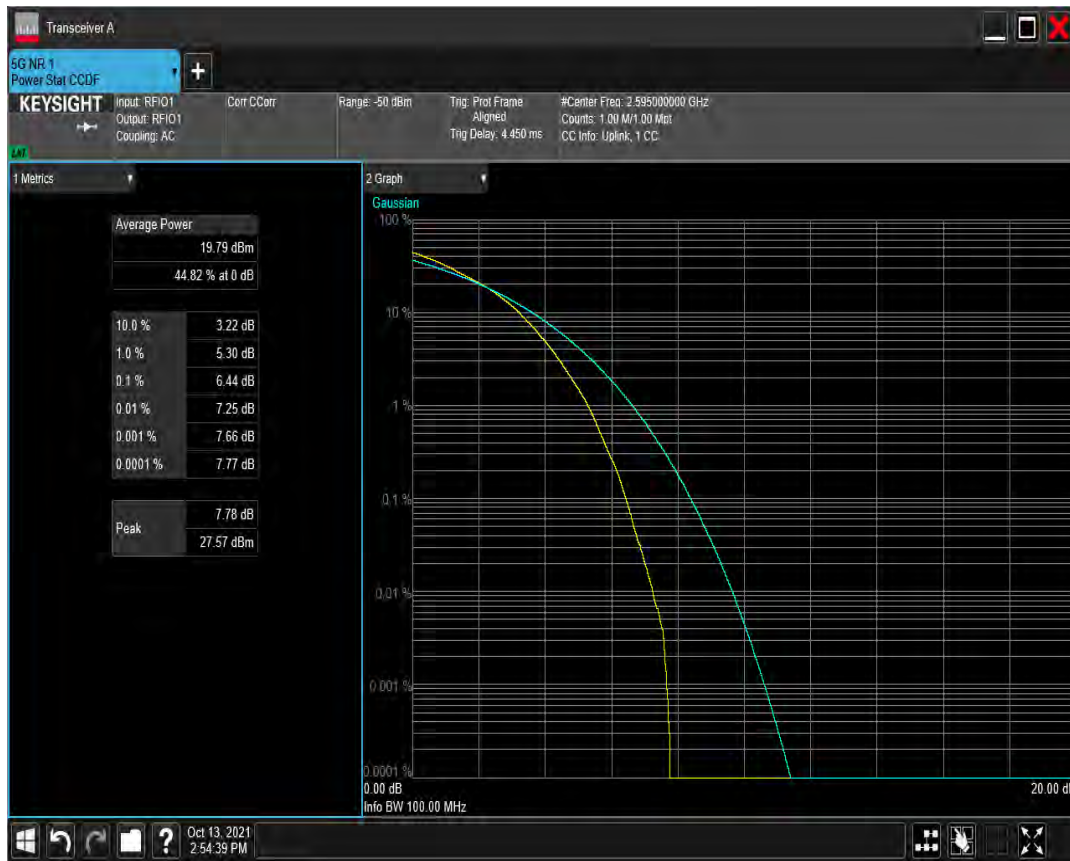
n41(2535-2655) SCS=30kHz DFT_BPSK BW=90MHz Channel=519000 RB=240@0



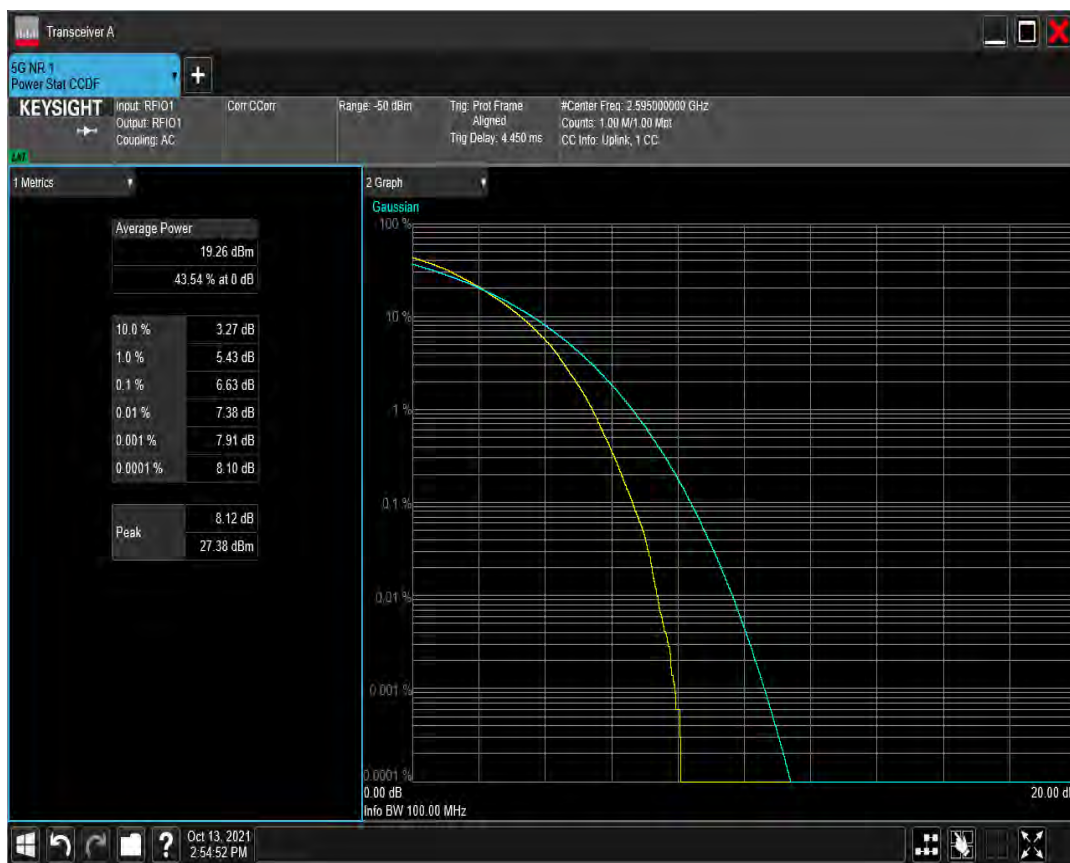
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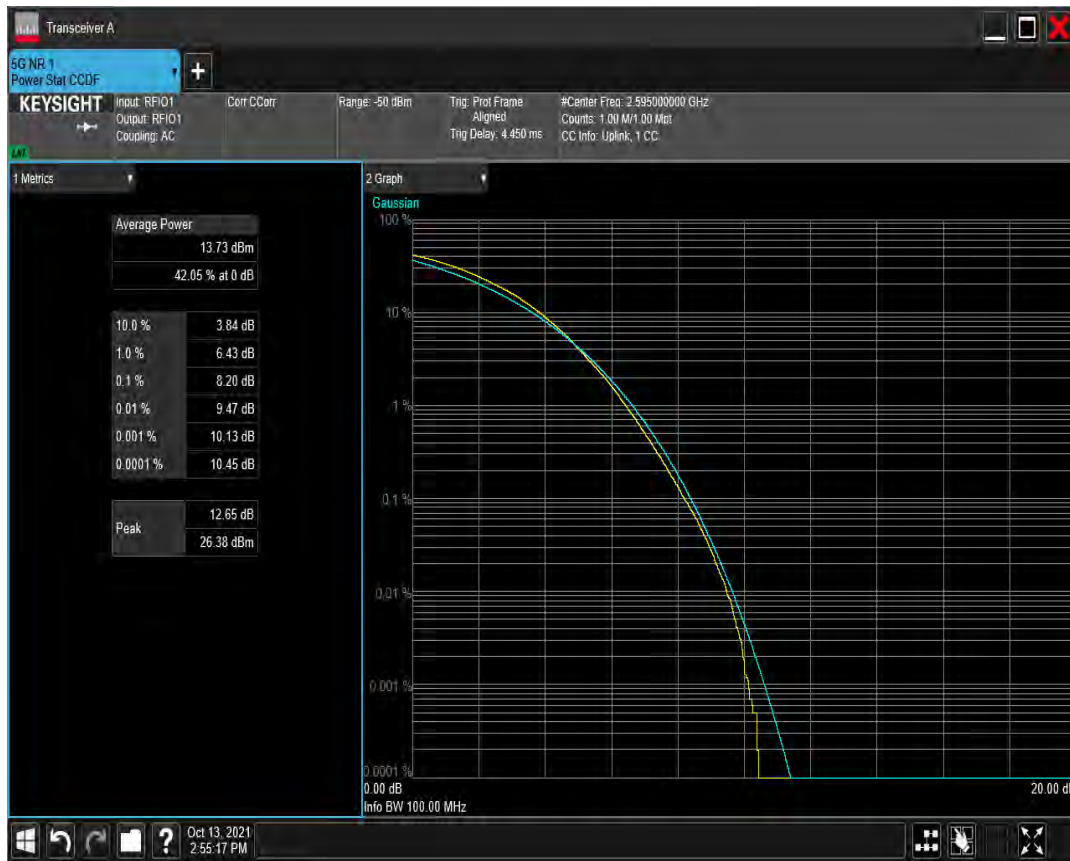
n41(2535-2655) SCS=30kHz DFT_QAM16 BW=90MHz Channel=519000 RB=240@0



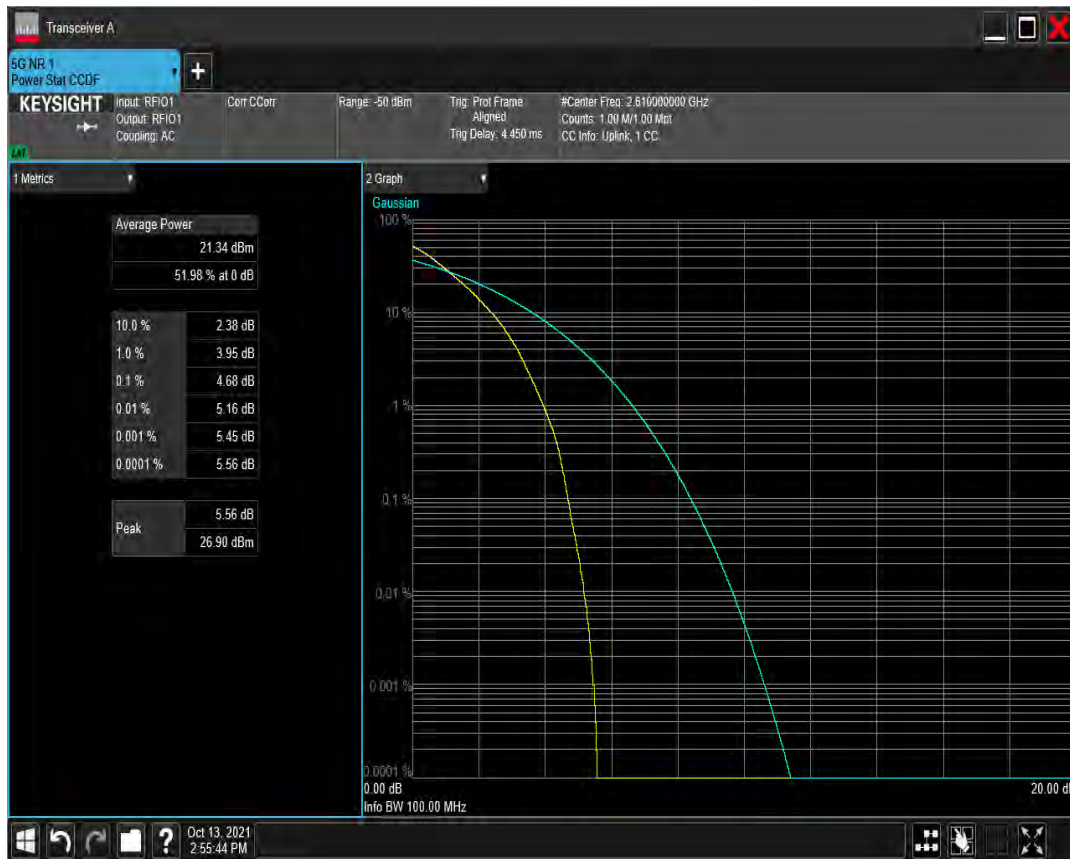
n41(2535-2655) SCS=30kHz DFT_QAM64 BW=90MHz Channel=519000 RB=240@0



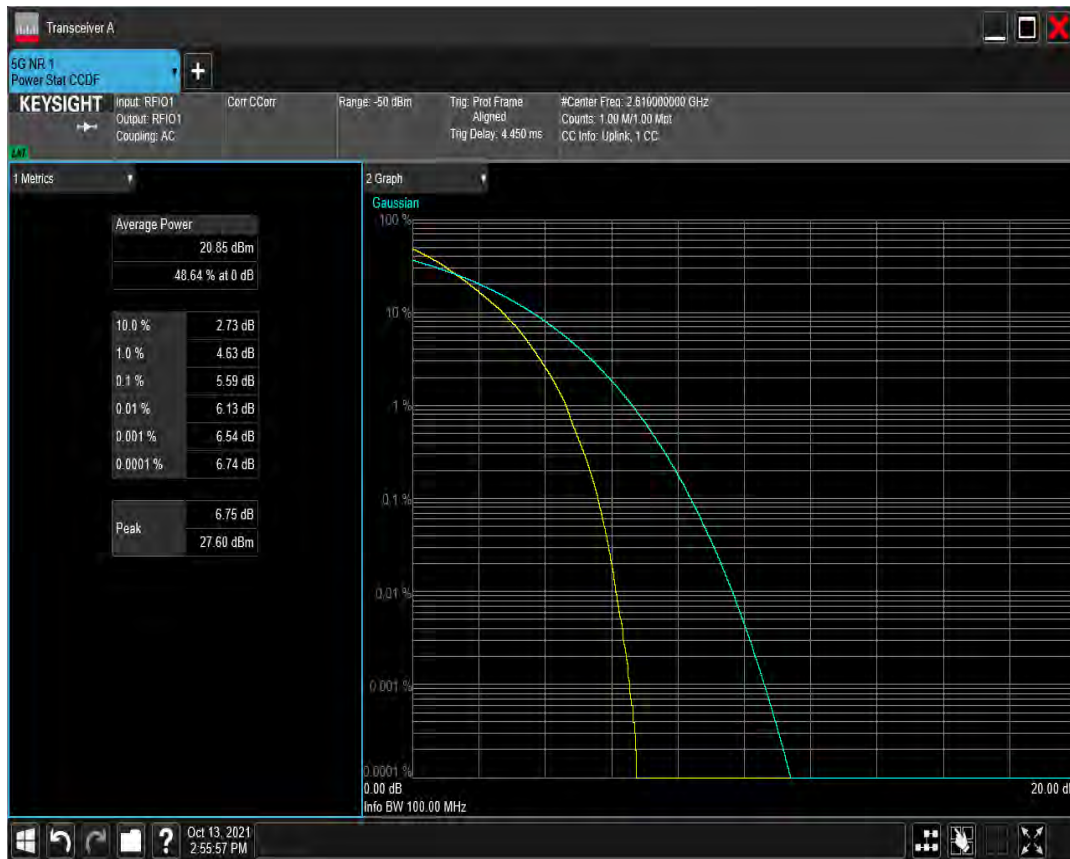
n41(2535-2655) SCS=30kHz DFT_QAM256 BW=90MHz Channel=519000 RB=240@0



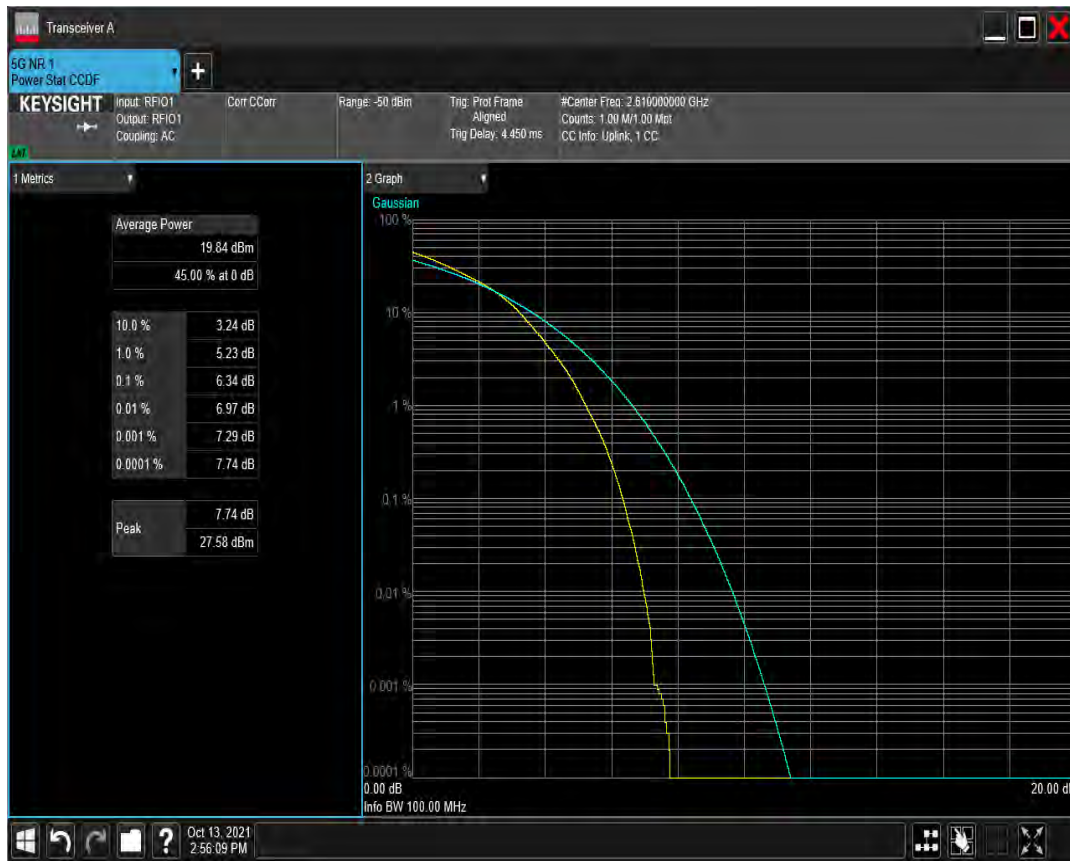
n41(2535-2655) SCS=30kHz DFT_BPSK BW=90MHz Channel=522000 RB=240@0



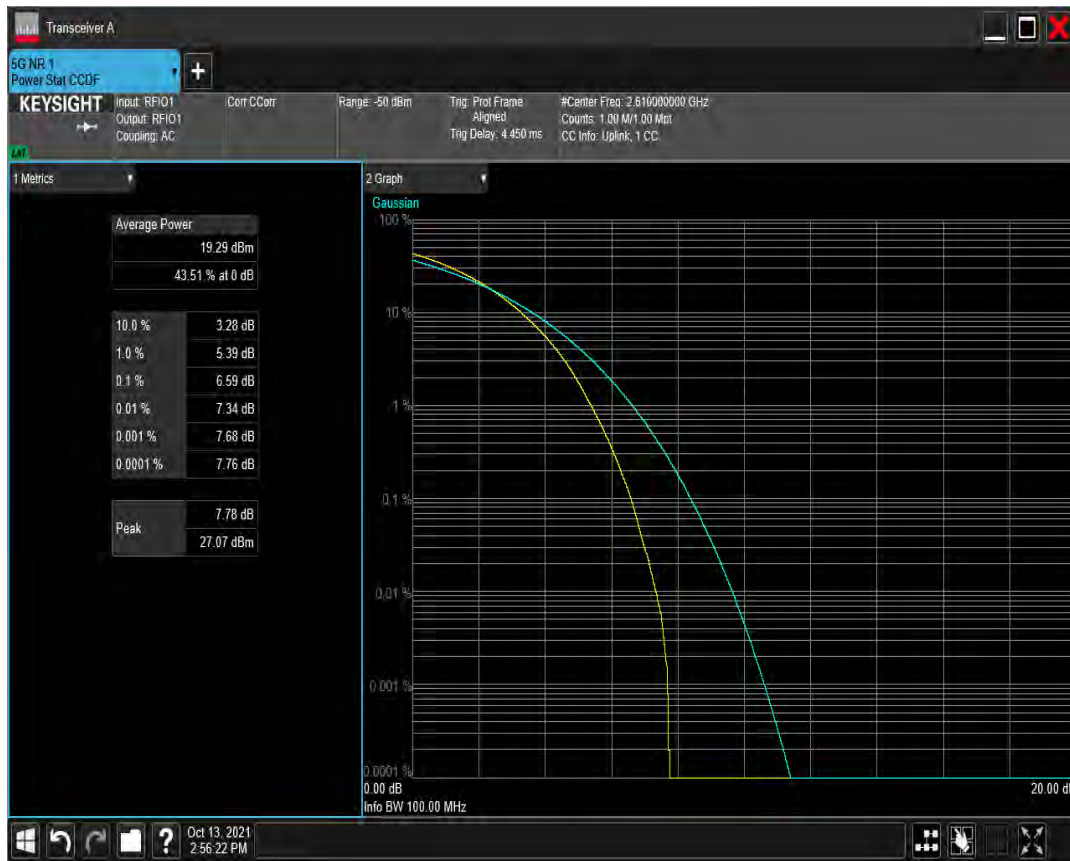
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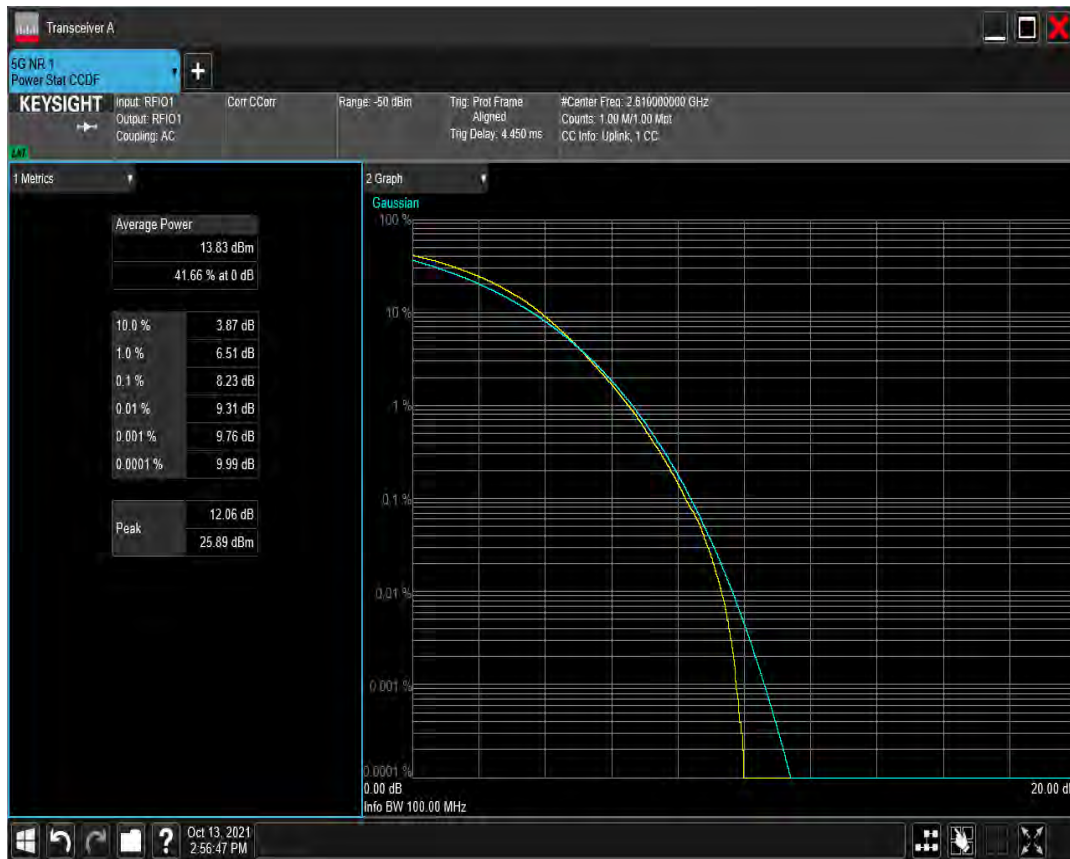
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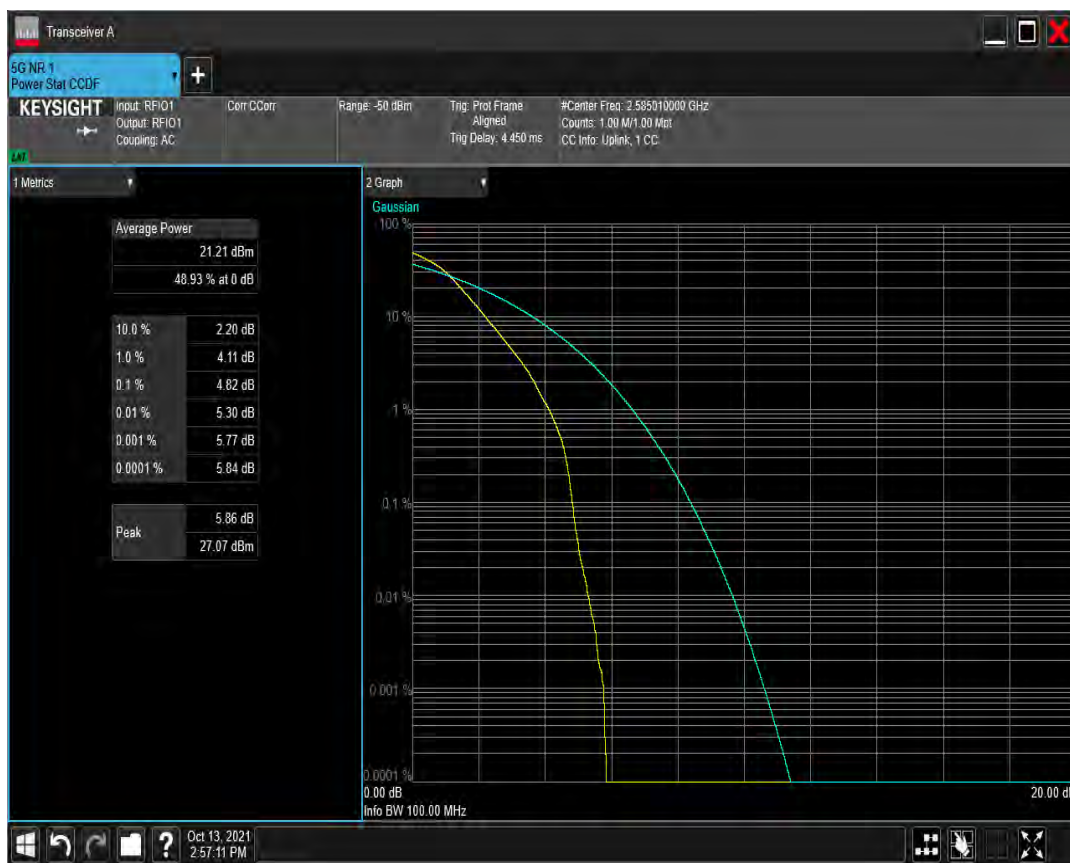
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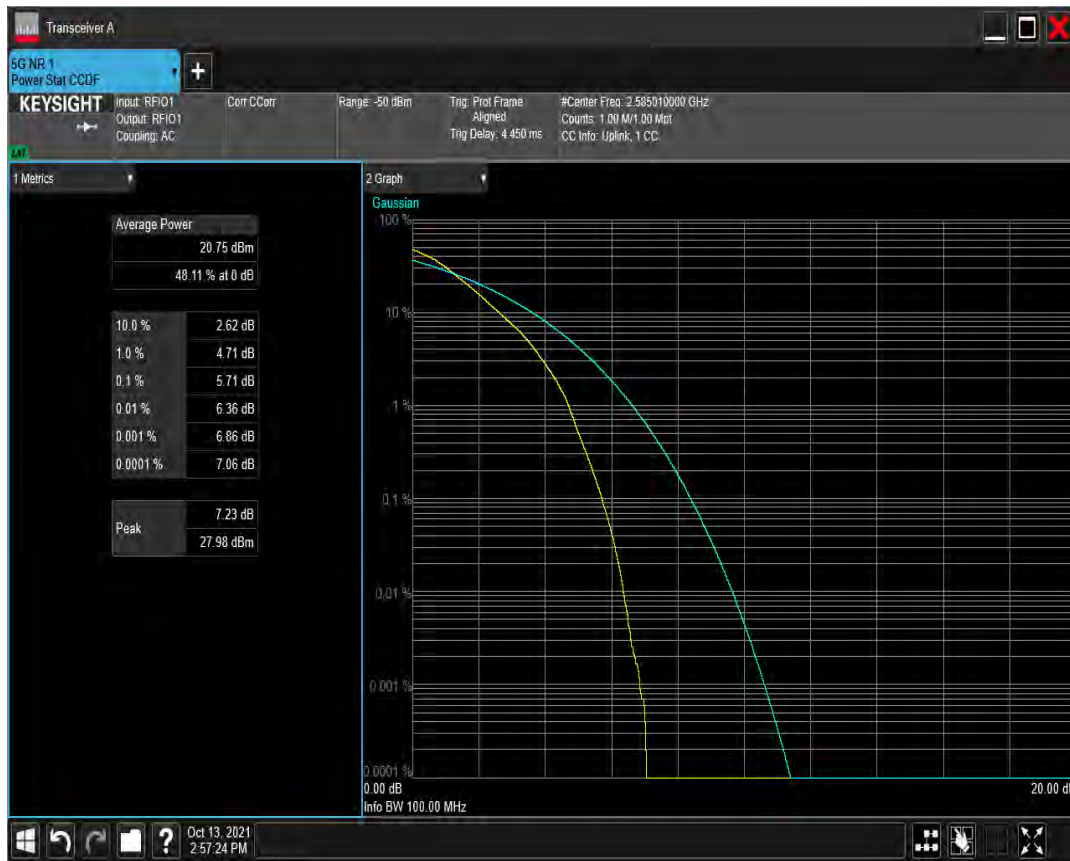
n41(2535-2655) SCS=30kHz DFT_QAM256 BW=90MHz Channel=522000 RB=240@0



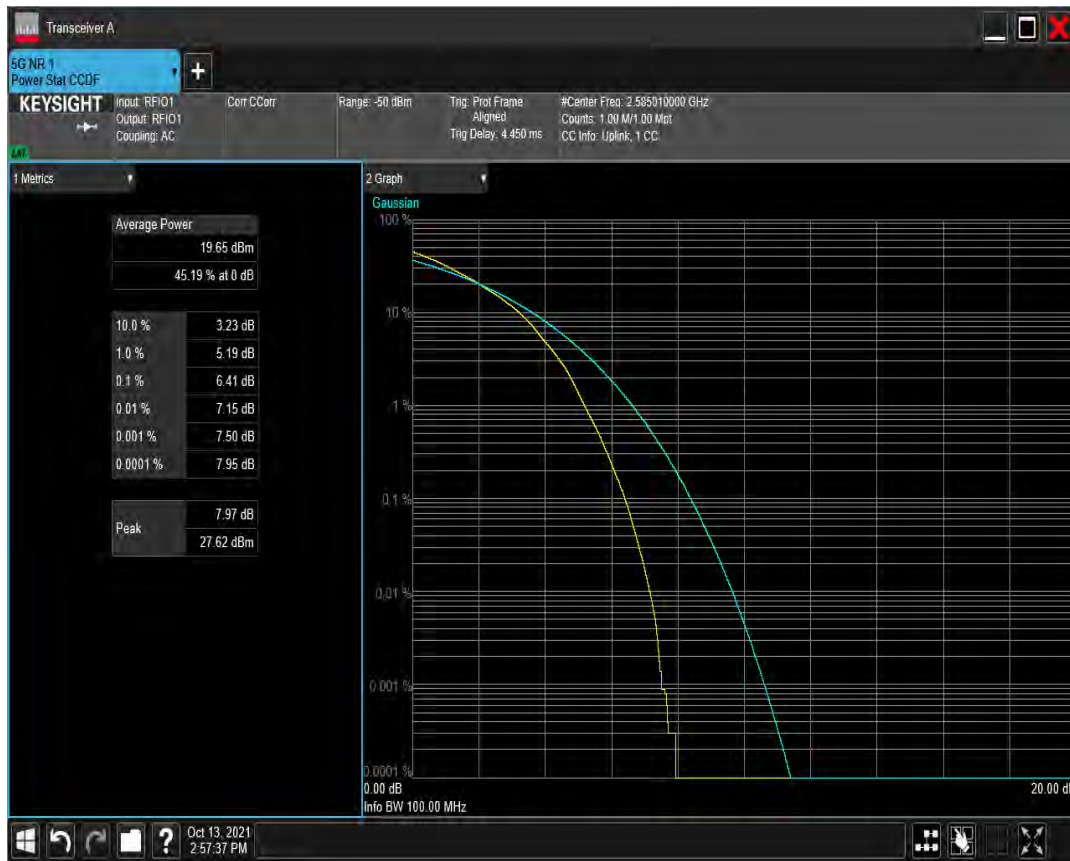
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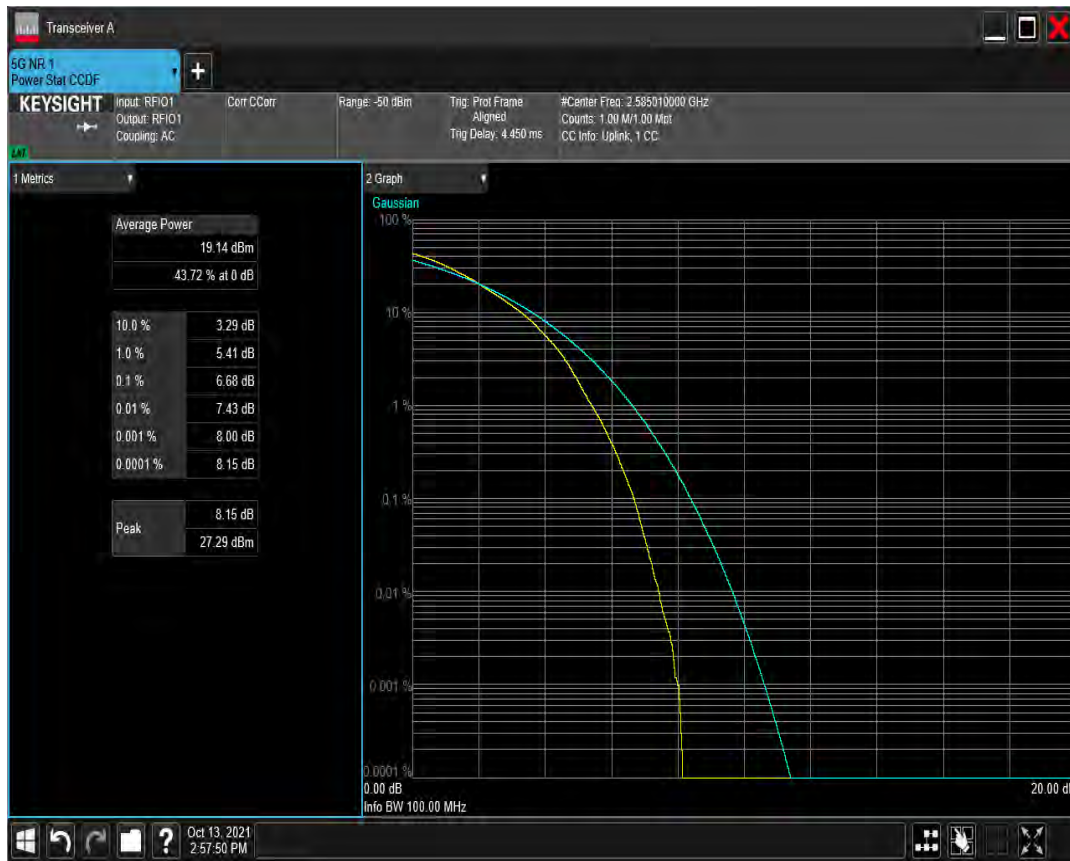
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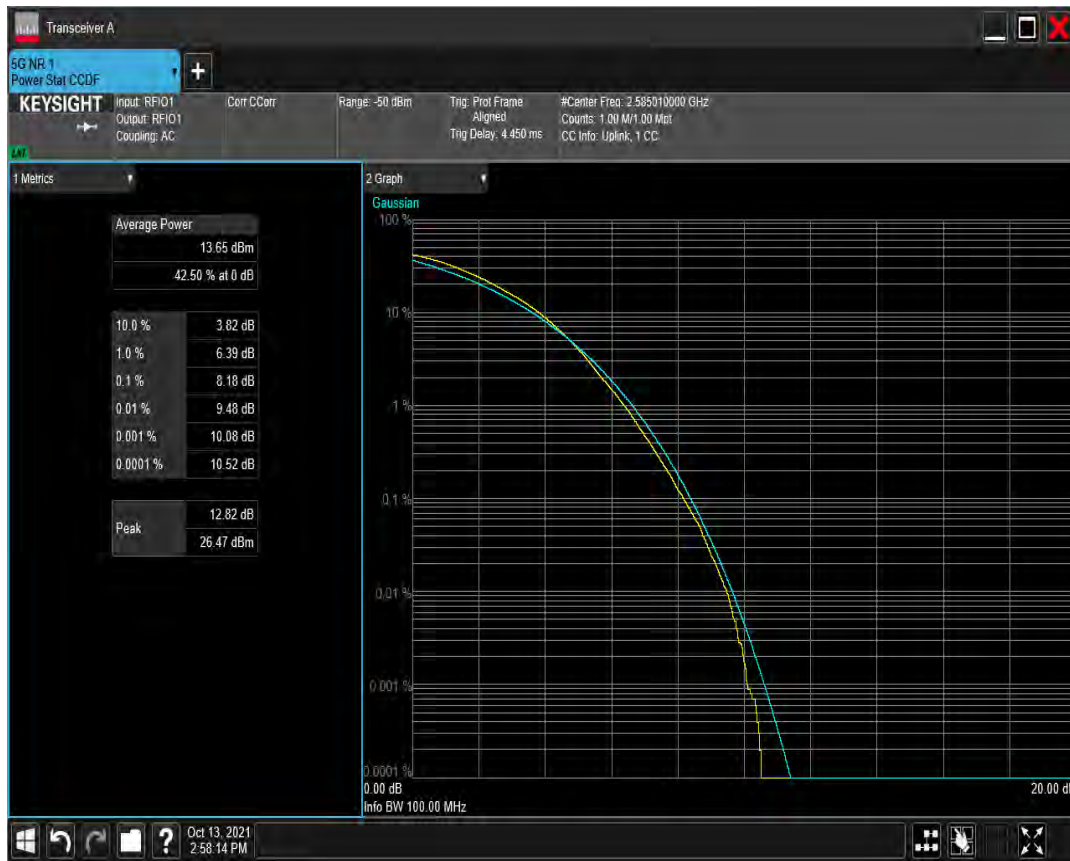
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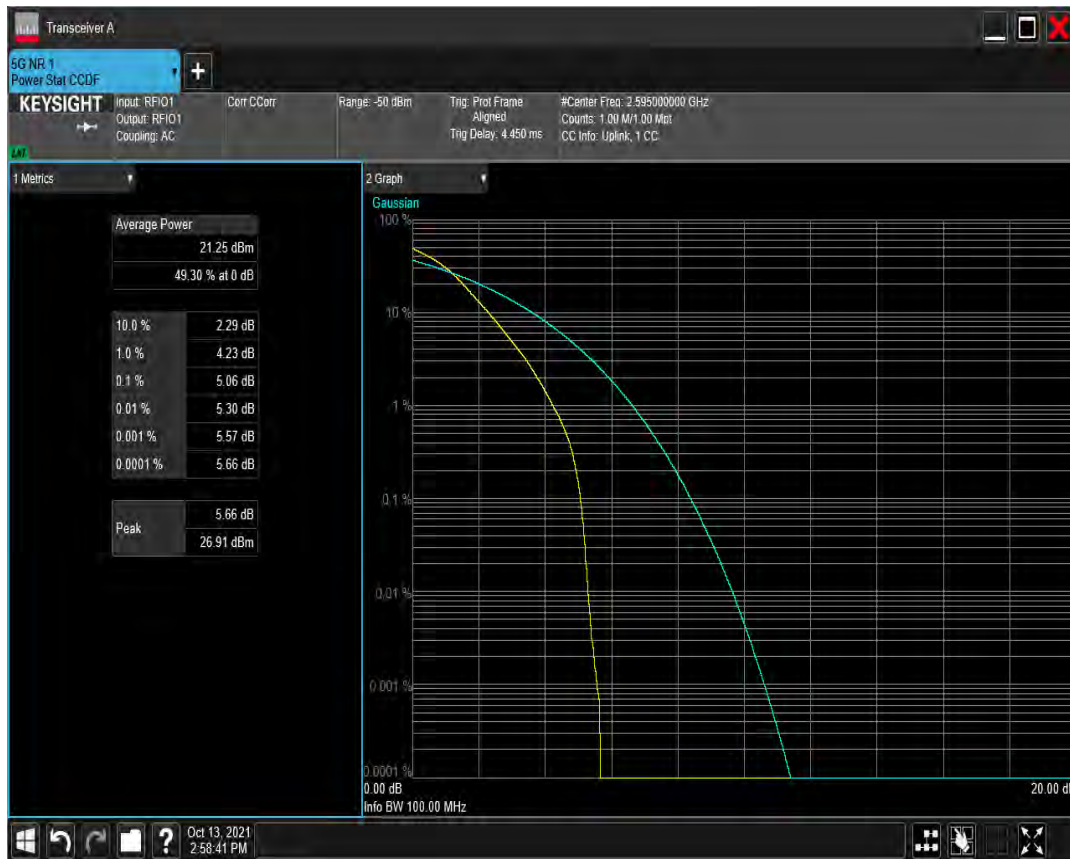
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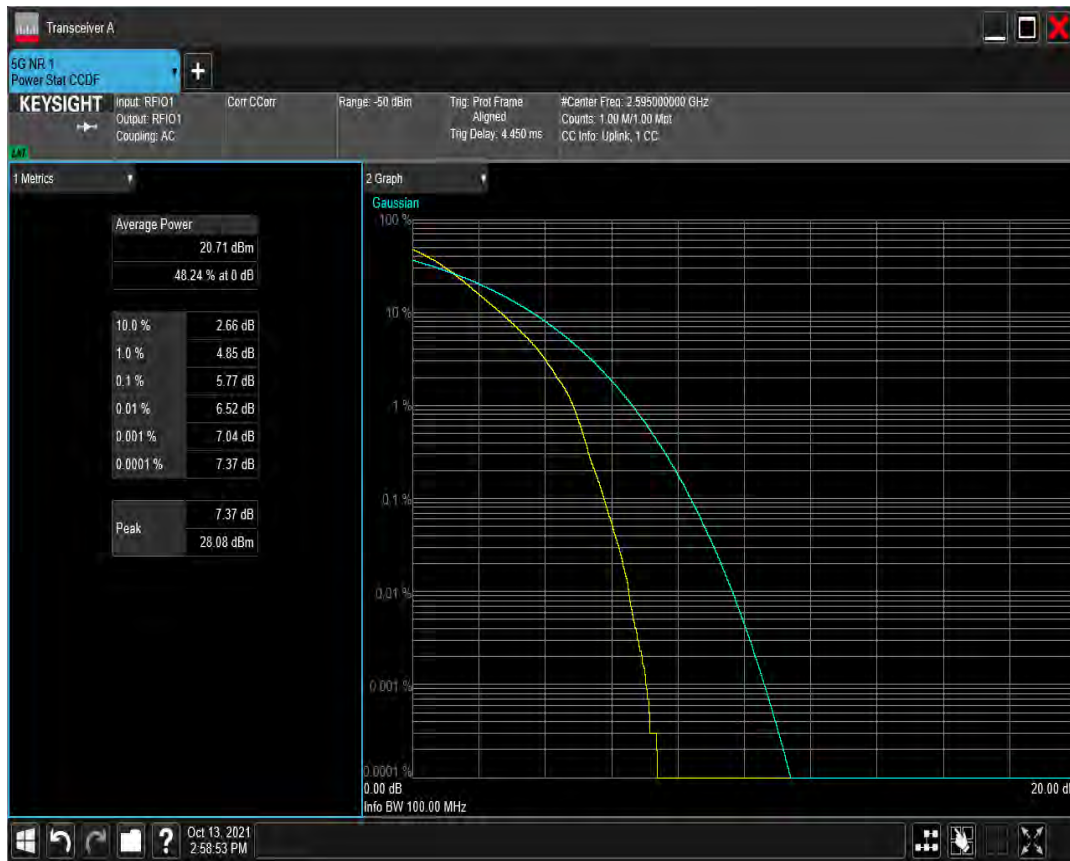
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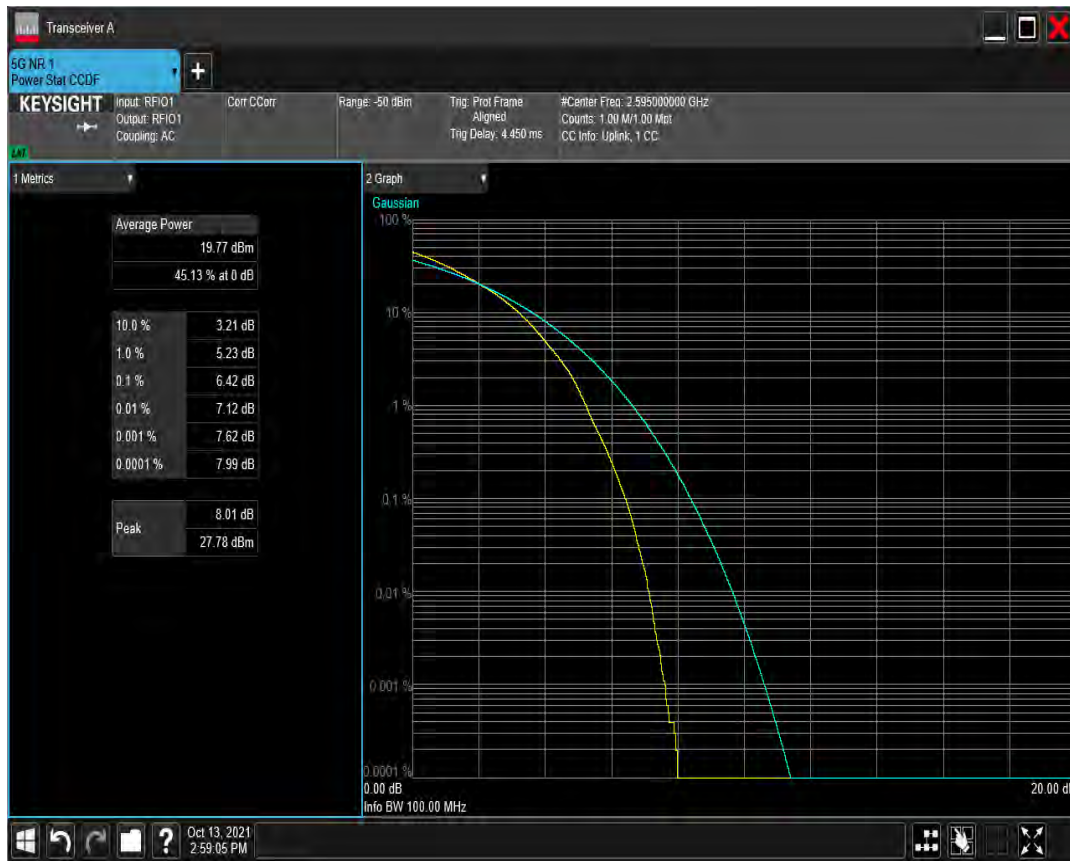
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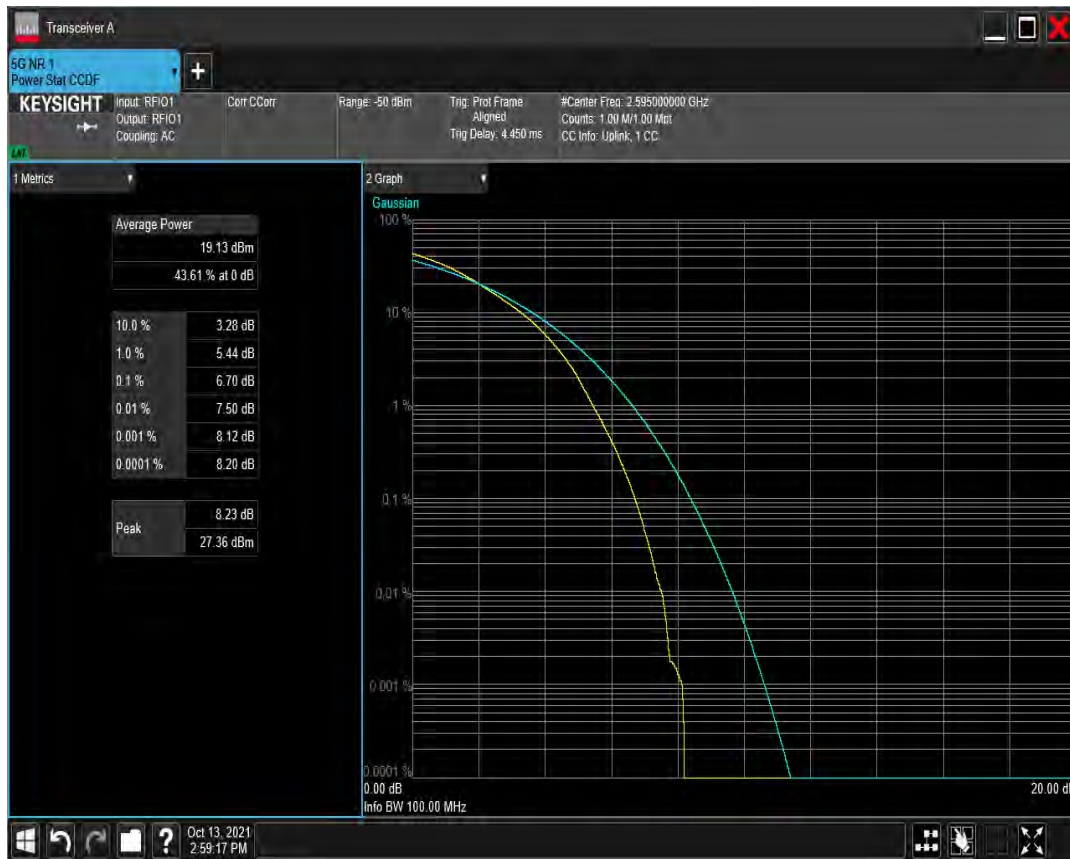
n41(2535-2655) SCS=30kHz DFT_QPSK BW=100MHz Channel=519000 RB=270@0



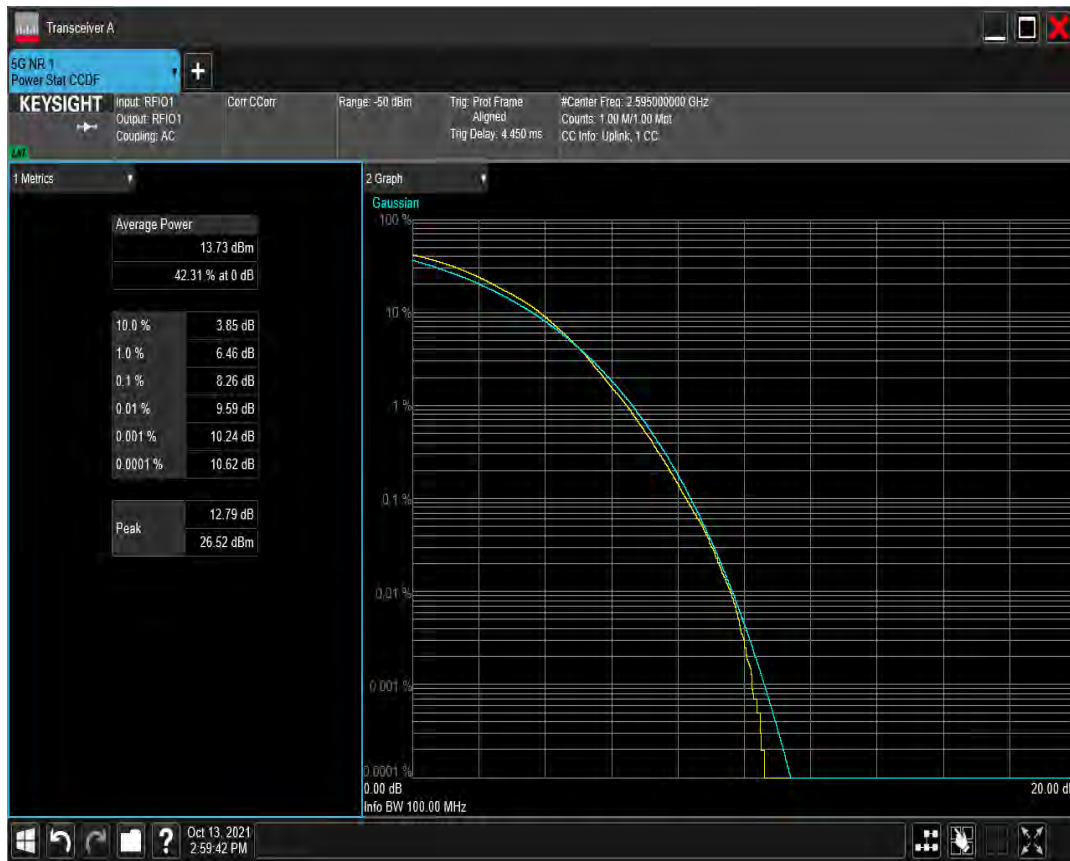
n41(2535-2655) SCS=30kHz DFT_QAM16 BW=100MHz Channel=519000 RB=270@0



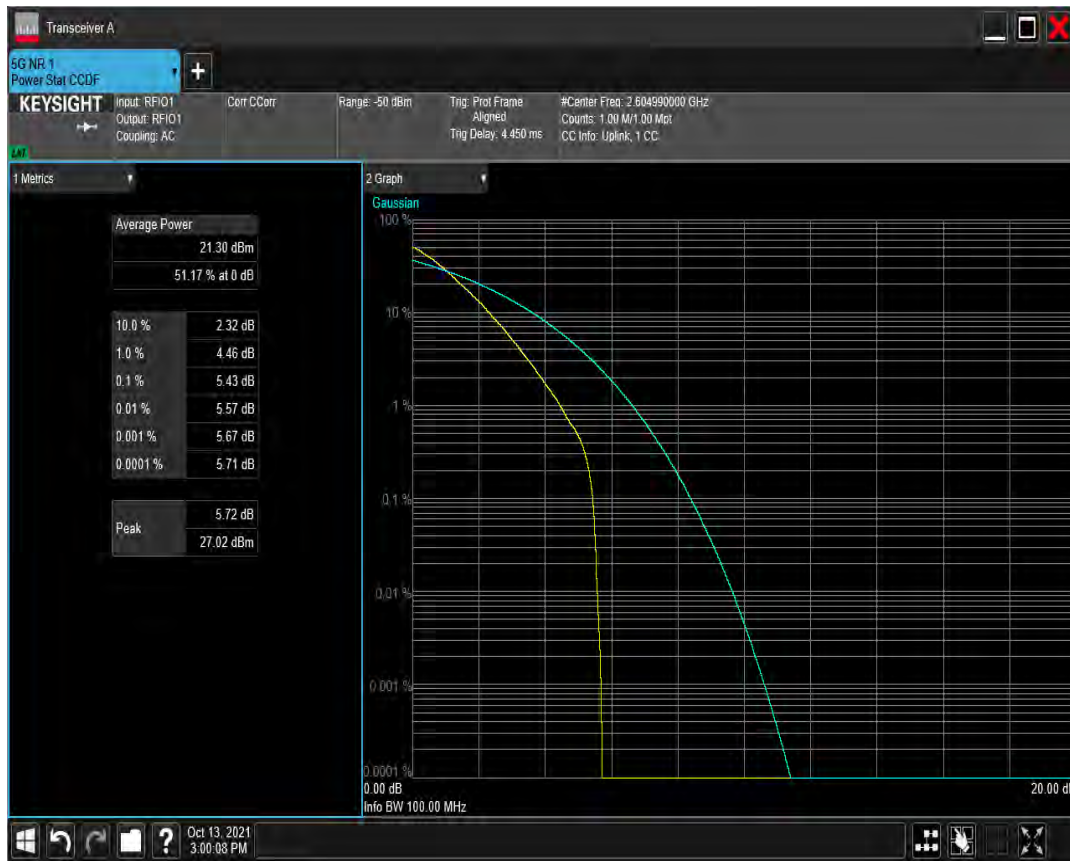
n41(2535-2655) SCS=30kHz DFT_QAM64 BW=100MHz Channel=519000 RB=270@0



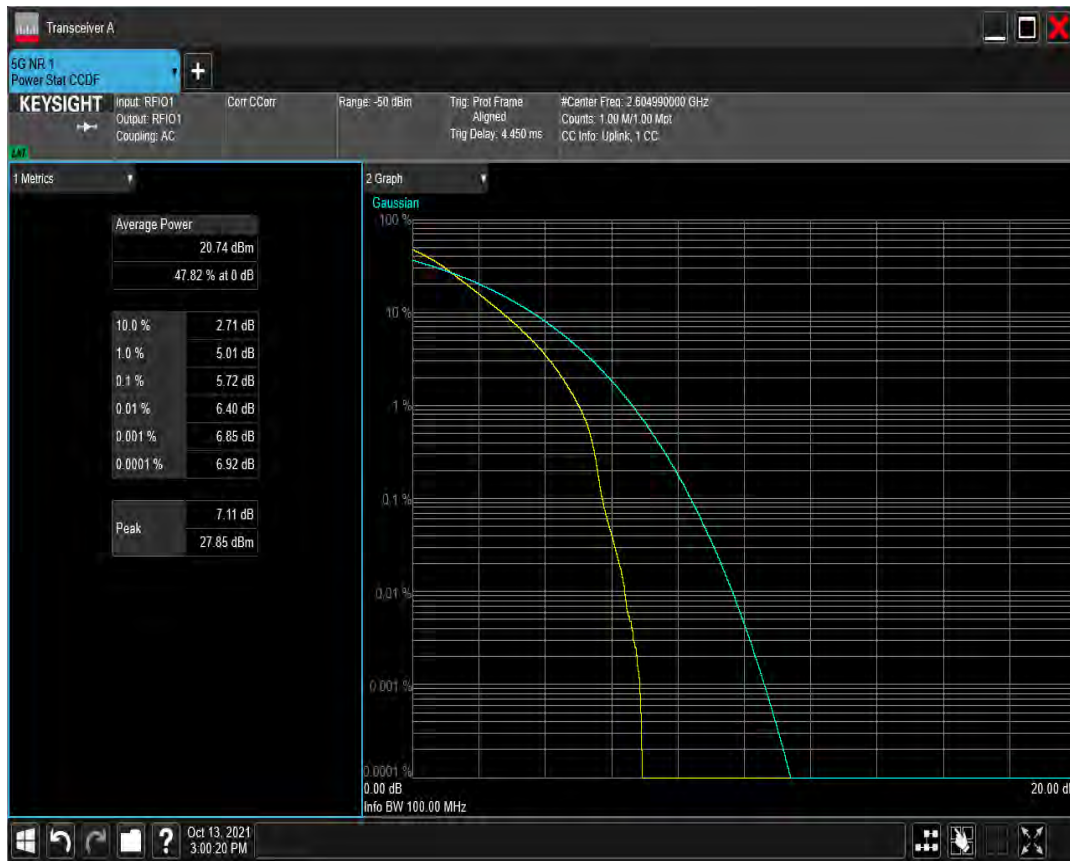
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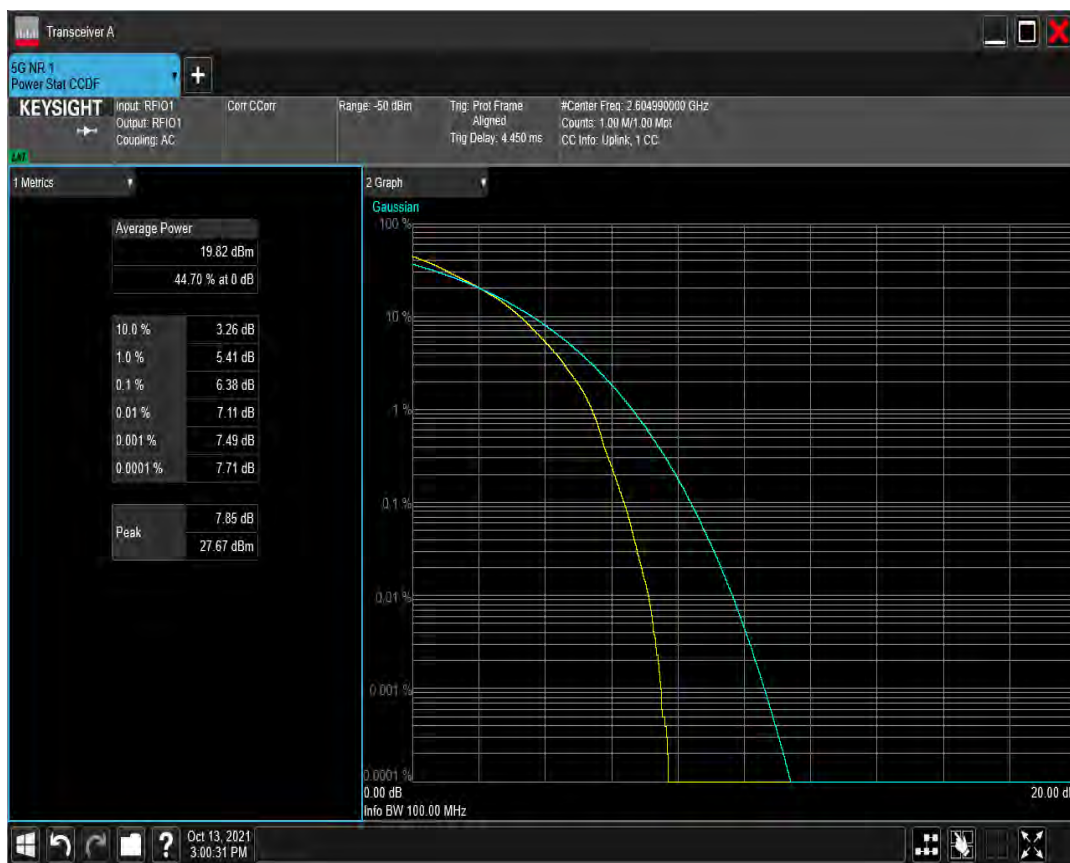
n41(2535-2655) SCS=30kHz DFT_BPSK BW=100MHz Channel=520998 RB=270@0



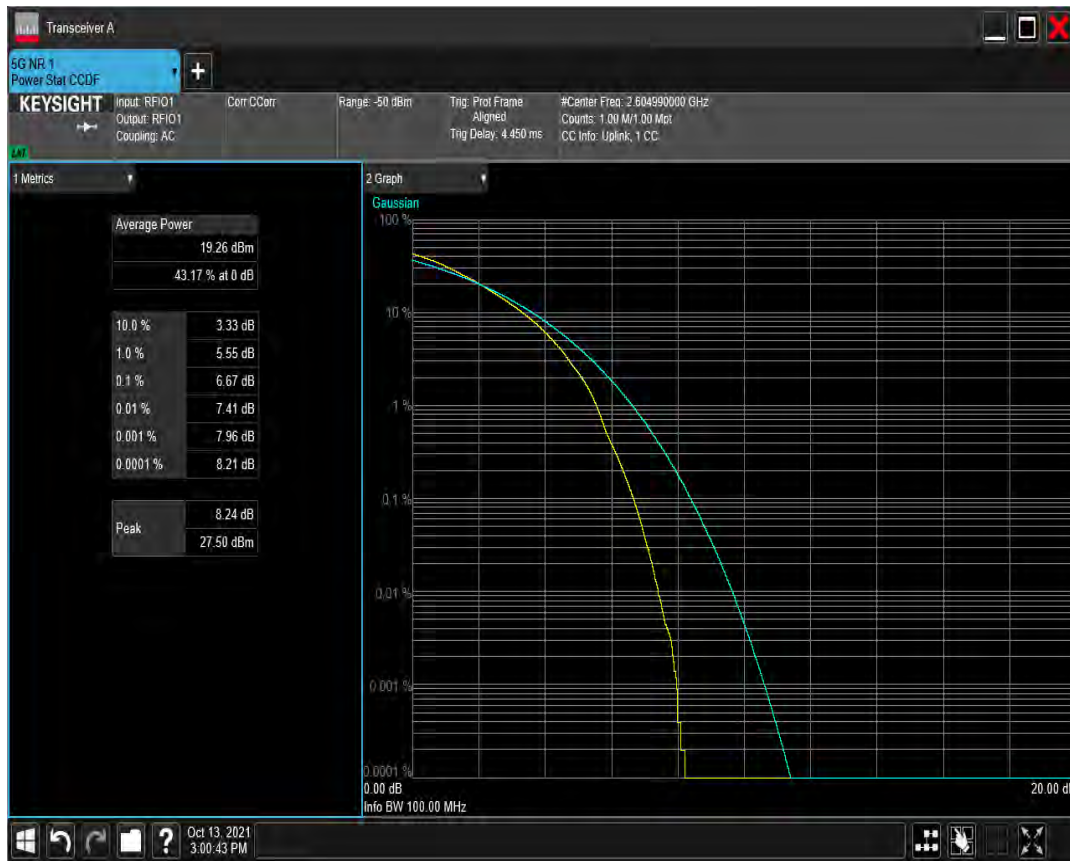
n41(2535-2655) SCS=30kHz DFT_QPSK BW=100MHz Channel=520998 RB=270@0



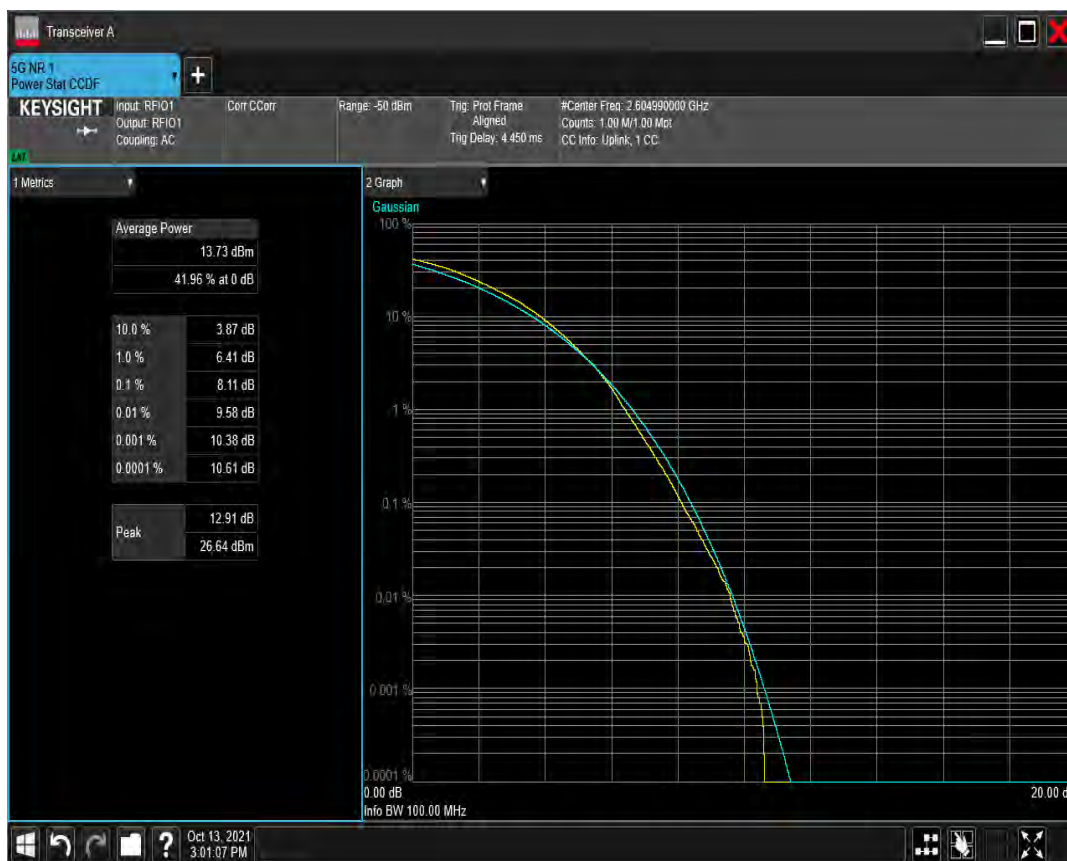
n41(2535-2655) SCS=30kHz DFT_QAM16 BW=100MHz Channel=520998 RB=270@0



n41(2535-2655) SCS=30kHz DFT_QAM64 BW=100MHz Channel=520998 RB=270@0



n41(2535-2655) SCS=30kHz DFT_QAM256 BW=100MHz Channel=520998 RB=270@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41(2535-2655)	30	10	508002	24@0	DFT_BPSK	8.610	9.150	PASS
n41(2535-2655)	30	10	508002	24@0	DFT_QPSK	8.610	9.190	PASS
n41(2535-2655)	30	10	508002	24@0	DFT_QAM16	8.610	9.190	PASS
n41(2535-2655)	30	10	508002	24@0	DFT_QAM64	8.610	9.240	PASS
n41(2535-2655)	30	10	508002	24@0	DFT_QAM256	8.640	9.220	PASS
n41(2535-2655)	30	10	508002	24@0	CP_QPSK	8.620	9.220	PASS
n41(2535-2655)	30	10	508002	24@0	CP_QAM16	8.610	9.200	PASS
n41(2535-2655)	30	10	508002	24@0	CP_QAM64	8.620	9.270	PASS
n41(2535-2655)	30	10	508002	24@0	CP_QAM256	8.620	9.210	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_BPSK	8.620	9.170	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_QPSK	8.640	9.200	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_QAM16	8.620	9.270	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_QAM64	8.610	9.200	PASS
n41(2535-2655)	30	10	519000	24@0	DFT_QAM256	8.640	9.210	PASS
n41(2535-2655)	30	10	519000	24@0	CP_QPSK	8.640	9.200	PASS
n41(2535-2655)	30	10	519000	24@0	CP_QAM16	8.640	9.260	PASS
n41(2535-2655)	30	10	519000	24@0	CP_QAM64	8.620	9.260	PASS
n41(2535-2655)	30	10	519000	24@0	CP_QAM256	8.620	9.180	PASS

n41(2535-2655)	30	10	529998	24@0	DFT_BPSK	8.610	9.180	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QPSK	8.650	9.180	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QAM16	8.640	9.230	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QAM64	8.610	9.170	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QAM256	8.640	9.200	PASS
n41(2535-2655)	30	10	529998	24@0	CP_QPSK	8.620	9.290	PASS
n41(2535-2655)	30	10	529998	24@0	CP_QAM16	8.640	9.260	PASS
n41(2535-2655)	30	10	529998	24@0	CP_QAM64	8.620	9.260	PASS
n41(2535-2655)	30	10	529998	24@0	CP_QAM256	8.640	9.190	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_BPSK	13.510	13.730	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_QPSK	13.520	13.750	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_QAM16	13.510	13.720	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_QAM64	13.520	13.810	PASS
n41(2535-2655)	30	15	508500	36@0	DFT_QAM256	13.500	13.710	PASS
n41(2535-2655)	30	15	508500	38@0	CP_QPSK	13.640	14.460	PASS
n41(2535-2655)	30	15	508500	38@0	CP_QAM16	13.630	14.450	PASS
n41(2535-2655)	30	15	508500	38@0	CP_QAM64	13.650	14.430	PASS
n41(2535-2655)	30	15	508500	38@0	CP_QAM256	13.640	14.440	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_BPSK	13.520	13.760	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_QPSK	13.530	13.750	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_QAM16	13.520	13.740	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_QAM64	13.520	13.720	PASS
n41(2535-2655)	30	15	519000	36@0	DFT_QAM256	13.450	13.710	PASS
n41(2535-2655)	30	15	519000	38@0	CP_QPSK	13.640	14.490	PASS
n41(2535-2655)	30	15	519000	38@0	CP_QAM16	13.640	14.440	PASS
n41(2535-2655)	30	15	519000	38@0	CP_QAM64	13.650	14.430	PASS
n41(2535-2655)	30	15	519000	38@0	CP_QAM256	13.640	14.440	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_BPSK	13.510	13.750	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_QPSK	13.510	13.760	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_QAM16	13.510	13.720	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_QAM64	13.520	13.790	PASS
n41(2535-2655)	30	15	529500	36@0	DFT_QAM256	13.500	13.700	PASS
n41(2535-2655)	30	15	529500	38@0	CP_QPSK	13.640	14.490	PASS
n41(2535-2655)	30	15	529500	38@0	CP_QAM16	13.630	14.450	PASS
n41(2535-2655)	30	15	529500	38@0	CP_QAM64	13.640	14.440	PASS
n41(2535-2655)	30	15	529500	38@0	CP_QAM256	13.640	14.440	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_BPSK	18.090	18.950	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_QPSK	18.120	18.950	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_QAM16	18.100	18.930	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_QAM64	18.090	18.930	PASS
n41(2535-2655)	30	20	509004	50@0	DFT_QAM256	18.090	18.910	PASS
n41(2535-2655)	30	20	509004	51@0	CP_QPSK	18.280	19.330	PASS

n41(2535-2655)	30	20	509004	51@0	CP_QAM16	18.270	19.310	PASS
n41(2535-2655)	30	20	509004	51@0	CP_QAM64	18.280	19.310	PASS
n41(2535-2655)	30	20	509004	51@0	CP_QAM256	18.280	19.310	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_BPSK	18.110	18.930	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_QPSK	18.110	18.930	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_QAM16	18.030	18.920	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_QAM64	18.110	18.920	PASS
n41(2535-2655)	30	20	519000	50@0	DFT_QAM256	18.100	18.900	PASS
n41(2535-2655)	30	20	519000	51@0	CP_QPSK	18.280	19.320	PASS
n41(2535-2655)	30	20	519000	51@0	CP_QAM16	18.270	19.290	PASS
n41(2535-2655)	30	20	519000	51@0	CP_QAM64	18.270	19.300	PASS
n41(2535-2655)	30	20	519000	51@0	CP_QAM256	18.270	19.300	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_BPSK	18.100	18.920	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_QPSK	18.100	18.920	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_QAM16	18.020	18.920	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_QAM64	18.100	18.910	PASS
n41(2535-2655)	30	20	528996	50@0	DFT_QAM256	18.090	18.940	PASS
n41(2535-2655)	30	20	528996	51@0	CP_QPSK	18.270	19.320	PASS
n41(2535-2655)	30	20	528996	51@0	CP_QAM16	18.270	19.300	PASS
n41(2535-2655)	30	20	528996	51@0	CP_QAM64	18.270	19.280	PASS
n41(2535-2655)	30	20	528996	51@0	CP_QAM256	18.280	19.300	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_BPSK	37.490	37.910	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_QPSK	37.480	37.900	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_QAM16	37.610	37.900	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_QAM64	37.600	37.920	PASS
n41(2535-2655)	30	40	511002	100@0	DFT_QAM256	37.620	37.890	PASS
n41(2535-2655)	30	40	511002	106@0	CP_QPSK	37.980	40.050	PASS
n41(2535-2655)	30	40	511002	106@0	CP_QAM16	37.980	40.050	PASS
n41(2535-2655)	30	40	511002	106@0	CP_QAM64	37.990	40.040	PASS
n41(2535-2655)	30	40	511002	106@0	CP_QAM256	37.980	40.040	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_BPSK	37.670	37.900	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_QPSK	37.620	37.880	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_QAM16	37.660	37.890	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_QAM64	37.650	37.880	PASS
n41(2535-2655)	30	40	519000	100@0	DFT_QAM256	37.660	37.900	PASS
n41(2535-2655)	30	40	519000	106@0	CP_QPSK	37.980	40.030	PASS
n41(2535-2655)	30	40	519000	106@0	CP_QAM16	37.980	40.010	PASS
n41(2535-2655)	30	40	519000	106@0	CP_QAM64	37.990	40.030	PASS
n41(2535-2655)	30	40	519000	106@0	CP_QAM256	37.990	40.030	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_BPSK	37.630	37.900	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_QPSK	37.500	37.890	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_QAM16	37.620	37.900	PASS

n41(2535-2655)	30	40	526998	100@0	DFT_QAM64	37.610	37.890	PASS
n41(2535-2655)	30	40	526998	100@0	DFT_QAM256	37.620	37.900	PASS
n41(2535-2655)	30	40	526998	106@0	CP_QPSK	37.970	40.030	PASS
n41(2535-2655)	30	40	526998	106@0	CP_QAM16	37.960	40.020	PASS
n41(2535-2655)	30	40	526998	106@0	CP_QAM64	37.970	40.020	PASS
n41(2535-2655)	30	40	526998	106@0	CP_QAM256	37.980	40.020	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_BPSK	47.040	48.350	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_QPSK	47.060	48.380	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_QAM16	47.010	48.390	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_QAM64	47.020	48.390	PASS
n41(2535-2655)	30	50	512004	128@0	DFT_QAM256	47.040	48.370	PASS
n41(2535-2655)	30	50	512004	133@0	CP_QPSK	47.650	50.190	PASS
n41(2535-2655)	30	50	512004	133@0	CP_QAM16	47.650	50.190	PASS
n41(2535-2655)	30	50	512004	133@0	CP_QAM64	47.650	50.190	PASS
n41(2535-2655)	30	50	512004	133@0	CP_QAM256	47.650	50.180	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_BPSK	47.200	48.350	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_QPSK	47.240	48.400	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_QAM16	47.220	48.390	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_QAM64	47.090	48.380	PASS
n41(2535-2655)	30	50	519000	128@0	DFT_QAM256	47.210	48.350	PASS
n41(2535-2655)	30	50	519000	133@0	CP_QPSK	47.660	50.200	PASS
n41(2535-2655)	30	50	519000	133@0	CP_QAM16	47.660	50.200	PASS
n41(2535-2655)	30	50	519000	133@0	CP_QAM64	47.660	50.180	PASS
n41(2535-2655)	30	50	519000	133@0	CP_QAM256	47.660	50.160	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_BPSK	47.000	48.380	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_QPSK	47.100	48.410	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_QAM16	47.060	48.400	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_QAM64	47.070	48.380	PASS
n41(2535-2655)	30	50	525996	128@0	DFT_QAM256	47.040	48.400	PASS
n41(2535-2655)	30	50	525996	133@0	CP_QPSK	47.650	50.210	PASS
n41(2535-2655)	30	50	525996	133@0	CP_QAM16	47.650	50.210	PASS
n41(2535-2655)	30	50	525996	133@0	CP_QAM64	47.650	50.210	PASS
n41(2535-2655)	30	50	525996	133@0	CP_QAM256	47.650	50.170	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_BPSK	57.930	60.960	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_QPSK	57.900	60.980	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_QAM16	57.940	61.010	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_QAM64	58.090	61.000	PASS
n41(2535-2655)	30	60	513000	162@0	DFT_QAM256	58.090	61.000	PASS
n41(2535-2655)	30	60	513000	162@0	CP_QPSK	57.930	60.990	PASS
n41(2535-2655)	30	60	513000	162@0	CP_QAM16	57.940	60.990	PASS
n41(2535-2655)	30	60	513000	162@0	CP_QAM64	57.920	60.970	PASS
n41(2535-2655)	30	60	513000	162@0	CP_QAM256	57.950	61.010	PASS

n41(2535-2655)	30	60	519000	162@0	DFT_BPSK	57.950	60.980	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_QPSK	57.960	60.980	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_QAM16	57.940	60.960	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_QAM64	58.100	61.020	PASS
n41(2535-2655)	30	60	519000	162@0	DFT_QAM256	58.100	61.00\20	PASS
n41(2535-2655)	30	60	519000	162@0	CP_QPSK	57.950	60.990	PASS
n41(2535-2655)	30	60	519000	162@0	CP_QAM16	57.950	61.000	PASS
n41(2535-2655)	30	60	519000	162@0	CP_QAM64	57.950	60.990	PASS
n41(2535-2655)	30	60	519000	162@0	CP_QAM256	57.950	60.970	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_BPSK	58.100	61.020	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_QPSK	57.930	61.020	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_QAM16	58.090	61.030	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_QAM64	58.100	61.030	PASS
n41(2535-2655)	30	60	525000	162@0	DFT_QAM256	58.100	61.030	PASS
n41(2535-2655)	30	60	525000	162@0	CP_QPSK	57.960	61.010	PASS
n41(2535-2655)	30	60	525000	162@0	CP_QAM16	57.950	61.020	PASS
n41(2535-2655)	30	60	525000	162@0	CP_QAM64	57.960	61.020	PASS
n41(2535-2655)	30	60	525000	162@0	CP_QAM256	58.090	61.010	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_BPSK	77.270	81.340	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_QPSK	77.240	81.320	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_QAM16	77.470	81.360	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_QAM64	77.450	81.340	PASS
n41(2535-2655)	30	80	515004	216@0	DFT_QAM256	77.450	81.330	PASS
n41(2535-2655)	30	80	515004	217@0	CP_QPSK	77.580	81.720	PASS
n41(2535-2655)	30	80	515004	217@0	CP_QAM16	77.570	81.710	PASS
n41(2535-2655)	30	80	515004	217@0	CP_QAM64	77.600	81.700	PASS
n41(2535-2655)	30	80	515004	217@0	CP_QAM256	77.590	81.690	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_BPSK	77.270	81.330	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_QPSK	77.260	81.320	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_QAM16	77.490	81.370	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_QAM64	77.470	81.340	PASS
n41(2535-2655)	30	80	519000	216@0	DFT_QAM256	77.450	81.330	PASS
n41(2535-2655)	30	80	519000	217@0	CP_QPSK	77.780	81.730	PASS
n41(2535-2655)	30	80	519000	217@0	CP_QAM16	77.590	81.700	PASS
n41(2535-2655)	30	80	519000	217@0	CP_QAM64	77.790	81.720	PASS
n41(2535-2655)	30	80	519000	217@0	CP_QAM256	77.780	81.720	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_BPSK	77.490	81.340	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_QPSK	77.480	81.350	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_QAM16	77.550	81.390	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_QAM64	77.530	81.360	PASS
n41(2535-2655)	30	80	522996	216@0	DFT_QAM256	77.530	81.360	PASS
n41(2535-2655)	30	80	522996	217@0	CP_QPSK	77.810	81.730	PASS

n41(2535-2655)	30	80	522996	217@0	CP_QAM16	77.800	81.720	PASS
n41(2535-2655)	30	80	522996	217@0	CP_QAM64	77.830	81.740	PASS
n41(2535-2655)	30	80	522996	217@0	CP_QAM256	77.820	81.720	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_BPSK	86.520	90.450	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_QPSK	86.520	90.480	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_QAM16	86.560	90.490	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_QAM64	86.580	90.500	PASS
n41(2535-2655)	30	90	516000	240@0	DFT_QAM256	86.580	90.500	PASS
n41(2535-2655)	30	90	516000	245@0	CP_QPSK	87.610	92.250	PASS
n41(2535-2655)	30	90	516000	245@0	CP_QAM16	87.600	92.220	PASS
n41(2535-2655)	30	90	516000	245@0	CP_QAM64	87.610	92.240	PASS
n41(2535-2655)	30	90	516000	245@0	CP_QAM256	87.630	92.280	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_BPSK	86.540	90.470	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_QPSK	86.550	90.510	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_QAM16	86.770	90.530	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_QAM64	86.780	90.540	PASS
n41(2535-2655)	30	90	519000	240@0	DFT_QAM256	86.780	90.540	PASS
n41(2535-2655)	30	90	519000	245@0	CP_QPSK	87.630	92.290	PASS
n41(2535-2655)	30	90	519000	245@0	CP_QAM16	87.630	92.280	PASS
n41(2535-2655)	30	90	519000	245@0	CP_QAM64	87.640	92.290	PASS
n41(2535-2655)	30	90	519000	245@0	CP_QAM256	87.660	92.280	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_BPSK	86.790	90.490	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_QPSK	86.800	90.520	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_QAM16	86.830	90.540	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_QAM64	86.840	90.520	PASS
n41(2535-2655)	30	90	522000	240@0	DFT_QAM256	86.840	90.530	PASS
n41(2535-2655)	30	90	522000	245@0	CP_QPSK	87.650	92.280	PASS
n41(2535-2655)	30	90	522000	245@0	CP_QAM16	87.640	92.260	PASS
n41(2535-2655)	30	90	522000	245@0	CP_QAM64	87.650	92.260	PASS
n41(2535-2655)	30	90	522000	245@0	CP_QAM256	87.850	92.240	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_BPSK	96.590	101.620	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QPSK	96.560	101.590	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QAM16	96.580	101.610	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QAM64	96.820	101.630	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QAM256	96.820	101.600	PASS
n41(2535-2655)	30	100	517002	273@0	CP_QPSK	97.620	102.680	PASS
n41(2535-2655)	30	100	517002	273@0	CP_QAM16	97.620	102.680	PASS
n41(2535-2655)	30	100	517002	273@0	CP_QAM64	97.620	102.670	PASS
n41(2535-2655)	30	100	517002	273@0	CP_QAM256	97.640	102.670	PASS
n41(2535-2655)	30	100	519000	270@0	DFT_BPSK	96.590	101.630	PASS
n41(2535-2655)	30	100	519000	270@0	DFT_QPSK	96.560	101.600	PASS
n41(2535-2655)	30	100	519000	270@0	DFT_QAM16	96.590	101.640	PASS