

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
n38	15	5	514500	12@6	DFT_BPSK	23.32		37	PASS
n38	15	5	514500	1@1	DFT_BPSK	23.27		37	PASS
n38	15	5	514500	1@23	DFT_BPSK	23.31		37	PASS
n38	15	5	514500	12@6	DFT_QPSK	23.36		37	PASS
n38	15	5	514500	1@1	DFT_QPSK	22.97		37	PASS
n38	15	5	514500	1@23	DFT_QPSK	23.21		37	PASS
n38	15	5	514500	12@6	DFT_QAM16	22.44		37	PASS
n38	15	5	514500	1@1	DFT_QAM16	22.54		37	PASS
n38	15	5	514500	1@23	DFT_QAM16	22.52		37	PASS
n38	15	5	514500	12@6	DFT_QAM64	20.86		37	PASS
n38	15	5	514500	1@1	DFT_QAM64	21.19		37	PASS
n38	15	5	514500	1@23	DFT_QAM64	21.24		37	PASS
n38	15	5	514500	12@6	DFT_QAM256	18.95		37	PASS
n38	15	5	514500	1@1	DFT_QAM256	18.79		37	PASS
n38	15	5	514500	1@23	DFT_QAM256	18.56		37	PASS
n38	15	5	514500	13@6	CP_QPSK	21.86		37	PASS
n38	15	5	514500	1@1	CP_QPSK	21.80		37	PASS
n38	15	5	514500	1@23	CP_QPSK	21.84		37	PASS
n38	15	5	514500	13@6	CP_QAM16	21.44		37	PASS
n38	15	5	514500	1@1	CP_QAM16	21.32		37	PASS
n38	15	5	514500	1@23	CP_QAM16	21.64		37	PASS
n38	15	5	514500	13@6	CP_QAM64	19.77		37	PASS
n38	15	5	514500	1@1	CP_QAM64	19.77		37	PASS
n38	15	5	514500	1@23	CP_QAM64	19.82		37	PASS
n38	15	5	514500	13@6	CP_QAM256	16.93		37	PASS
n38	15	5	514500	1@1	CP_QAM256	17.24		37	PASS
n38	15	5	514500	1@23	CP_QAM256	17.37		37	PASS
n38	15	5	518500	12@6	DFT_BPSK	23.20		37	PASS
n38	15	5	518500	1@1	DFT_BPSK	23.24		37	PASS
n38	15	5	518500	1@23	DFT_BPSK	23.22		37	PASS
n38	15	5	518500	12@6	DFT_QPSK	23.19		37	PASS
n38	15	5	518500	1@1	DFT_QPSK	23.07		37	PASS
n38	15	5	518500	1@23	DFT_QPSK	23.04		37	PASS
n38	15	5	518500	12@6	DFT_QAM16	22.25		37	PASS
n38	15	5	518500	1@1	DFT_QAM16	22.41		37	PASS
n38	15	5	518500	1@23	DFT_QAM16	22.50		37	PASS
n38	15	5	518500	12@6	DFT_QAM64	20.65		37	PASS
n38	15	5	518500	1@1	DFT_QAM64	20.85		37	PASS

n38	15	5	518500	1@23	DFT_QAM64	21.10		37	PASS
n38	15	5	518500	12@6	DFT_QAM256	18.71		37	PASS
n38	15	5	518500	1@1	DFT_QAM256	18.45		37	PASS
n38	15	5	518500	1@23	DFT_QAM256	18.39		37	PASS
n38	15	5	518500	13@6	CP_QPSK	21.74		37	PASS
n38	15	5	518500	1@1	CP_QPSK	21.87		37	PASS
n38	15	5	518500	1@23	CP_QPSK	21.56		37	PASS
n38	15	5	518500	13@6	CP_QAM16	21.29		37	PASS
n38	15	5	518500	1@1	CP_QAM16	21.29		37	PASS
n38	15	5	518500	1@23	CP_QAM16	21.34		37	PASS
n38	15	5	518500	13@6	CP_QAM64	19.70		37	PASS
n38	15	5	518500	1@1	CP_QAM64	19.95		37	PASS
n38	15	5	518500	1@23	CP_QAM64	19.70		37	PASS
n38	15	5	518500	13@6	CP_QAM256	16.77		37	PASS
n38	15	5	518500	1@1	CP_QAM256	17.17		37	PASS
n38	15	5	518500	1@23	CP_QAM256	17.17		37	PASS
n38	15	5	523500	12@6	DFT_BPSK	23.24		37	PASS
n38	15	5	523500	1@1	DFT_BPSK	23.30		37	PASS
n38	15	5	523500	1@23	DFT_BPSK	23.20		37	PASS
n38	15	5	523500	12@6	DFT_QPSK	23.25		37	PASS
n38	15	5	523500	1@1	DFT_QPSK	23.15		37	PASS
n38	15	5	523500	1@23	DFT_QPSK	22.99		37	PASS
n38	15	5	523500	12@6	DFT_QAM16	22.28		37	PASS
n38	15	5	523500	1@1	DFT_QAM16	22.49		37	PASS
n38	15	5	523500	1@23	DFT_QAM16	22.52		37	PASS
n38	15	5	523500	12@6	DFT_QAM64	20.74		37	PASS
n38	15	5	523500	1@1	DFT_QAM64	21.22		37	PASS
n38	15	5	523500	1@23	DFT_QAM64	21.14		37	PASS
n38	15	5	523500	12@6	DFT_QAM256	18.86		37	PASS
n38	15	5	523500	1@1	DFT_QAM256	18.73		37	PASS
n38	15	5	523500	1@23	DFT_QAM256	18.67		37	PASS
n38	15	5	523500	13@6	CP_QPSK	21.73		37	PASS
n38	15	5	523500	1@1	CP_QPSK	21.75		37	PASS
n38	15	5	523500	1@23	CP_QPSK	21.73		37	PASS
n38	15	5	523500	13@6	CP_QAM16	21.30		37	PASS
n38	15	5	523500	1@1	CP_QAM16	21.39		37	PASS
n38	15	5	523500	1@23	CP_QAM16	21.35		37	PASS
n38	15	5	523500	13@6	CP_QAM64	19.69		37	PASS
n38	15	5	523500	1@1	CP_QAM64	19.80		37	PASS
n38	15	5	523500	1@23	CP_QAM64	19.82		37	PASS
n38	15	5	523500	13@6	CP_QAM256	16.92		37	PASS
n38	15	5	523500	1@1	CP_QAM256	17.25		37	PASS

n38	15	5	523500	1@23	CP_QAM256	17.17		37	PASS
n38	15	15	515500	36@18	DFT_BPSK	23.31		37	PASS
n38	15	15	515500	1@1	DFT_BPSK	23.13		37	PASS
n38	15	15	515500	1@77	DFT_BPSK	23.07		37	PASS
n38	15	15	515500	36@18	DFT_QPSK	23.18		37	PASS
n38	15	15	515500	1@1	DFT_QPSK	23.04		37	PASS
n38	15	15	515500	1@77	DFT_QPSK	22.83		37	PASS
n38	15	15	515500	36@18	DFT_QAM16	22.44		37	PASS
n38	15	15	515500	1@1	DFT_QAM16	22.39		37	PASS
n38	15	15	515500	1@77	DFT_QAM16	22.30		37	PASS
n38	15	15	515500	36@18	DFT_QAM64	20.82		37	PASS
n38	15	15	515500	1@1	DFT_QAM64	20.68		37	PASS
n38	15	15	515500	1@77	DFT_QAM64	20.53		37	PASS
n38	15	15	515500	36@18	DFT_QAM256	18.78		37	PASS
n38	15	15	515500	1@1	DFT_QAM256	19.02		37	PASS
n38	15	15	515500	1@77	DFT_QAM256	18.80		37	PASS
n38	15	15	515500	39@19	CP_QPSK	21.78		37	PASS
n38	15	15	515500	1@1	CP_QPSK	21.56		37	PASS
n38	15	15	515500	1@77	CP_QPSK	21.57		37	PASS
n38	15	15	515500	39@19	CP_QAM16	21.26		37	PASS
n38	15	15	515500	1@1	CP_QAM16	21.27		37	PASS
n38	15	15	515500	1@77	CP_QAM16	21.10		37	PASS
n38	15	15	515500	39@19	CP_QAM64	19.78		37	PASS
n38	15	15	515500	1@1	CP_QAM64	19.30		37	PASS
n38	15	15	515500	1@77	CP_QAM64	19.29		37	PASS
n38	15	15	515500	39@19	CP_QAM256	16.93		37	PASS
n38	15	15	515500	1@1	CP_QAM256	16.70		37	PASS
n38	15	15	515500	1@77	CP_QAM256	16.54		37	PASS
n38	15	15	519000	36@18	DFT_BPSK	23.10		37	PASS
n38	15	15	519000	1@1	DFT_BPSK	23.02		37	PASS
n38	15	15	519000	1@77	DFT_BPSK	23.02		37	PASS
n38	15	15	519000	36@18	DFT_QPSK	23.18		37	PASS
n38	15	15	519000	1@1	DFT_QPSK	22.95		37	PASS
n38	15	15	519000	1@77	DFT_QPSK	22.86		37	PASS
n38	15	15	519000	36@18	DFT_QAM16	22.13		37	PASS
n38	15	15	519000	1@1	DFT_QAM16	22.36		37	PASS
n38	15	15	519000	1@77	DFT_QAM16	22.28		37	PASS
n38	15	15	519000	36@18	DFT_QAM64	20.68		37	PASS
n38	15	15	519000	1@1	DFT_QAM64	20.34		37	PASS
n38	15	15	519000	1@77	DFT_QAM64	20.56		37	PASS
n38	15	15	519000	36@18	DFT_QAM256	18.58		37	PASS
n38	15	15	519000	1@1	DFT_QAM256	19.01		37	PASS

n38	15	15	519000	1@77	DFT_QAM256	19.00		37	PASS
n38	15	15	519000	39@19	CP_QPSK	21.65		37	PASS
n38	15	15	519000	1@1	CP_QPSK	21.51		37	PASS
n38	15	15	519000	1@77	CP_QPSK	21.45		37	PASS
n38	15	15	519000	39@19	CP_QAM16	21.15		37	PASS
n38	15	15	519000	1@1	CP_QAM16	21.06		37	PASS
n38	15	15	519000	1@77	CP_QAM16	21.22		37	PASS
n38	15	15	519000	39@19	CP_QAM64	19.66		37	PASS
n38	15	15	519000	1@1	CP_QAM64	19.27		37	PASS
n38	15	15	519000	1@77	CP_QAM64	19.86		37	PASS
n38	15	15	519000	39@19	CP_QAM256	16.78		37	PASS
n38	15	15	519000	1@1	CP_QAM256	16.93		37	PASS
n38	15	15	519000	1@77	CP_QAM256	16.54		37	PASS
n38	15	15	522500	36@18	DFT_BPSK	23.18		37	PASS
n38	15	15	522500	1@1	DFT_BPSK	23.11		37	PASS
n38	15	15	522500	1@77	DFT_BPSK	23.10		37	PASS
n38	15	15	522500	36@18	DFT_QPSK	23.19		37	PASS
n38	15	15	522500	1@1	DFT_QPSK	22.89		37	PASS
n38	15	15	522500	1@77	DFT_QPSK	22.94		37	PASS
n38	15	15	522500	36@18	DFT_QAM16	22.21		37	PASS
n38	15	15	522500	1@1	DFT_QAM16	22.37		37	PASS
n38	15	15	522500	1@77	DFT_QAM16	22.32		37	PASS
n38	15	15	522500	36@18	DFT_QAM64	20.72		37	PASS
n38	15	15	522500	1@1	DFT_QAM64	20.51		37	PASS
n38	15	15	522500	1@77	DFT_QAM64	20.57		37	PASS
n38	15	15	522500	36@18	DFT_QAM256	18.74		37	PASS
n38	15	15	522500	1@1	DFT_QAM256	18.86		37	PASS
n38	15	15	522500	1@77	DFT_QAM256	18.76		37	PASS
n38	15	15	522500	39@19	CP_QPSK	21.76		37	PASS
n38	15	15	522500	1@1	CP_QPSK	21.51		37	PASS
n38	15	15	522500	1@77	CP_QPSK	21.56		37	PASS
n38	15	15	522500	39@19	CP_QAM16	21.20		37	PASS
n38	15	15	522500	1@1	CP_QAM16	21.25		37	PASS
n38	15	15	522500	1@77	CP_QAM16	21.39		37	PASS
n38	15	15	522500	39@19	CP_QAM64	19.73		37	PASS
n38	15	15	522500	1@1	CP_QAM64	19.47		37	PASS
n38	15	15	522500	1@77	CP_QAM64	19.58		37	PASS
n38	15	15	522500	39@19	CP_QAM256	16.89		37	PASS
n38	15	15	522500	1@1	CP_QAM256	16.51		37	PASS
n38	15	15	522500	1@77	CP_QAM256	16.96		37	PASS
n38	15	40	518000	108@54	DFT_BPSK	22.73		37	PASS
n38	15	40	518000	1@1	DFT_BPSK	22.66		37	PASS

n38	15	40	518000	1@214	DFT_BPSK	22.65		37	PASS
n38	15	40	518000	108@54	DFT_QPSK	23.23		37	PASS
n38	15	40	518000	1@1	DFT_QPSK	22.53		37	PASS
n38	15	40	518000	1@214	DFT_QPSK	22.56		37	PASS
n38	15	40	518000	108@54	DFT_QAM16	22.23		37	PASS
n38	15	40	518000	1@1	DFT_QAM16	21.69		37	PASS
n38	15	40	518000	1@214	DFT_QAM16	21.96		37	PASS
n38	15	40	518000	108@54	DFT_QAM64	20.75		37	PASS
n38	15	40	518000	1@1	DFT_QAM64	20.44		37	PASS
n38	15	40	518000	1@214	DFT_QAM64	20.38		37	PASS
n38	15	40	518000	108@54	DFT_QAM256	18.68		37	PASS
n38	15	40	518000	1@1	DFT_QAM256	18.61		37	PASS
n38	15	40	518000	1@214	DFT_QAM256	18.54		37	PASS
n38	15	40	518000	108@54	CP_QPSK	21.69		37	PASS
n38	15	40	518000	1@1	CP_QPSK	21.13		37	PASS
n38	15	40	518000	1@214	CP_QPSK	21.22		37	PASS
n38	15	40	518000	108@54	CP_QAM16	21.14		37	PASS
n38	15	40	518000	1@1	CP_QAM16	20.81		37	PASS
n38	15	40	518000	1@214	CP_QAM16	20.78		37	PASS
n38	15	40	518000	108@54	CP_QAM64	19.65		37	PASS
n38	15	40	518000	1@1	CP_QAM64	19.35		37	PASS
n38	15	40	518000	1@214	CP_QAM64	19.67		37	PASS
n38	15	40	518000	108@54	CP_QAM256	16.76		37	PASS
n38	15	40	518000	1@1	CP_QAM256	16.62		37	PASS
n38	15	40	518000	1@214	CP_QAM256	16.67		37	PASS
n38	15	40	519000	108@54	DFT_BPSK	23.21		37	PASS
n38	15	40	519000	1@1	DFT_BPSK	22.69		37	PASS
n38	15	40	519000	1@214	DFT_BPSK	22.75		37	PASS
n38	15	40	519000	108@54	DFT_QPSK	23.22		37	PASS
n38	15	40	519000	1@1	DFT_QPSK	22.62		37	PASS
n38	15	40	519000	1@214	DFT_QPSK	22.49		37	PASS
n38	15	40	519000	108@54	DFT_QAM16	22.21		37	PASS
n38	15	40	519000	1@1	DFT_QAM16	21.77		37	PASS
n38	15	40	519000	1@214	DFT_QAM16	21.73		37	PASS
n38	15	40	519000	108@54	DFT_QAM64	20.73		37	PASS
n38	15	40	519000	1@1	DFT_QAM64	20.21		37	PASS
n38	15	40	519000	1@214	DFT_QAM64	20.18		37	PASS
n38	15	40	519000	108@54	DFT_QAM256	18.65		37	PASS
n38	15	40	519000	1@1	DFT_QAM256	18.48		37	PASS
n38	15	40	519000	1@214	DFT_QAM256	18.38		37	PASS
n38	15	40	519000	108@54	CP_QPSK	21.65		37	PASS
n38	15	40	519000	1@1	CP_QPSK	21.25		37	PASS

n38	15	40	519000	1@214	CP_QPSK	21.25		37	PASS
n38	15	40	519000	108@54	CP_QAM16	21.21		37	PASS
n38	15	40	519000	1@1	CP_QAM16	21.12		37	PASS
n38	15	40	519000	1@214	CP_QAM16	21.20		37	PASS
n38	15	40	519000	108@54	CP_QAM64	19.67		37	PASS
n38	15	40	519000	1@1	CP_QAM64	19.09		37	PASS
n38	15	40	519000	1@214	CP_QAM64	19.23		37	PASS
n38	15	40	519000	108@54	CP_QAM256	16.77		37	PASS
n38	15	40	519000	1@1	CP_QAM256	16.60		37	PASS
n38	15	40	519000	1@214	CP_QAM256	16.56		37	PASS
n38	15	40	520000	108@54	DFT_BPSK	23.22		37	PASS
n38	15	40	520000	1@1	DFT_BPSK	22.74		37	PASS
n38	15	40	520000	1@214	DFT_BPSK	22.61		37	PASS
n38	15	40	520000	108@54	DFT_QPSK	23.21		37	PASS
n38	15	40	520000	1@1	DFT_QPSK	22.57		37	PASS
n38	15	40	520000	1@214	DFT_QPSK	22.43		37	PASS
n38	15	40	520000	108@54	DFT_QAM16	22.26		37	PASS
n38	15	40	520000	1@1	DFT_QAM16	21.78		37	PASS
n38	15	40	520000	1@214	DFT_QAM16	21.70		37	PASS
n38	15	40	520000	108@54	DFT_QAM64	20.72		37	PASS
n38	15	40	520000	1@1	DFT_QAM64	20.15		37	PASS
n38	15	40	520000	1@214	DFT_QAM64	20.26		37	PASS
n38	15	40	520000	108@54	DFT_QAM256	18.76		37	PASS
n38	15	40	520000	1@1	DFT_QAM256	18.35		37	PASS
n38	15	40	520000	1@214	DFT_QAM256	18.35		37	PASS
n38	15	40	520000	108@54	CP_QPSK	21.57		37	PASS
n38	15	40	520000	1@1	CP_QPSK	21.09		37	PASS
n38	15	40	520000	1@214	CP_QPSK	21.10		37	PASS
n38	15	40	520000	108@54	CP_QAM16	21.20		37	PASS
n38	15	40	520000	1@1	CP_QAM16	21.15		37	PASS
n38	15	40	520000	1@214	CP_QAM16	21.12		37	PASS
n38	15	40	520000	108@54	CP_QAM64	19.59		37	PASS
n38	15	40	520000	1@1	CP_QAM64	19.24		37	PASS
n38	15	40	520000	1@214	CP_QAM64	19.11		37	PASS
n38	15	40	520000	108@54	CP_QAM256	16.74		37	PASS
n38	15	40	520000	1@1	CP_QAM256	16.43		37	PASS
n38	15	40	520000	1@214	CP_QAM256	16.48		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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n38	15	40	519000	108@54	DFT_BPSK	3.85	-14.51	-0.01	Within authorized band for 5G NR n38	PASS
n38	15	40	519000	108@54	DFT_BPSK	3.50	-13.57	-0.01		PASS
n38	15	40	519000	108@54	DFT_BPSK	4.40	-10.80	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	3.85	-7.25	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	3.50	-4.91	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	4.40	-5.72	0.00		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature (°C)	Result (Hz)	Result (ppm)	Limit (ppm)	Verdict
n38	15	40	519000	108@54	DFT_BPSK	-30	-7.67	0.00	Within authorized band for 5G NR n38	PASS
n38	15	40	519000	108@54	DFT_BPSK	-20	-5.44	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	-10	-10.77	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	0	-6.88	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	10	-10.84	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	20	-8.59	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	30	-6.74	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	40	-8.42	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	50	-9.14	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-30	-6.68	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-20	-2.76	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-10	-4.92	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	0	-7.63	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	10	-5.37	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	20	-10.26	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	30	-6.83	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	40	-10.19	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	50	-8.24	0.00		PASS

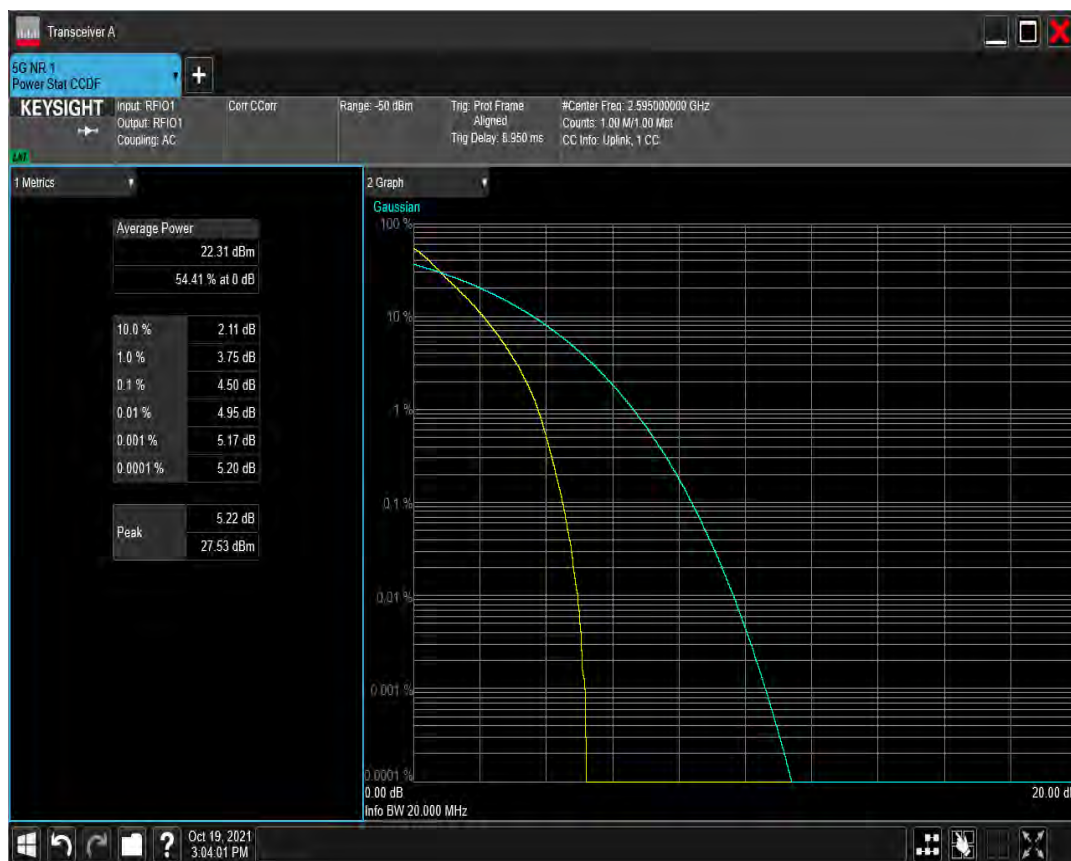
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

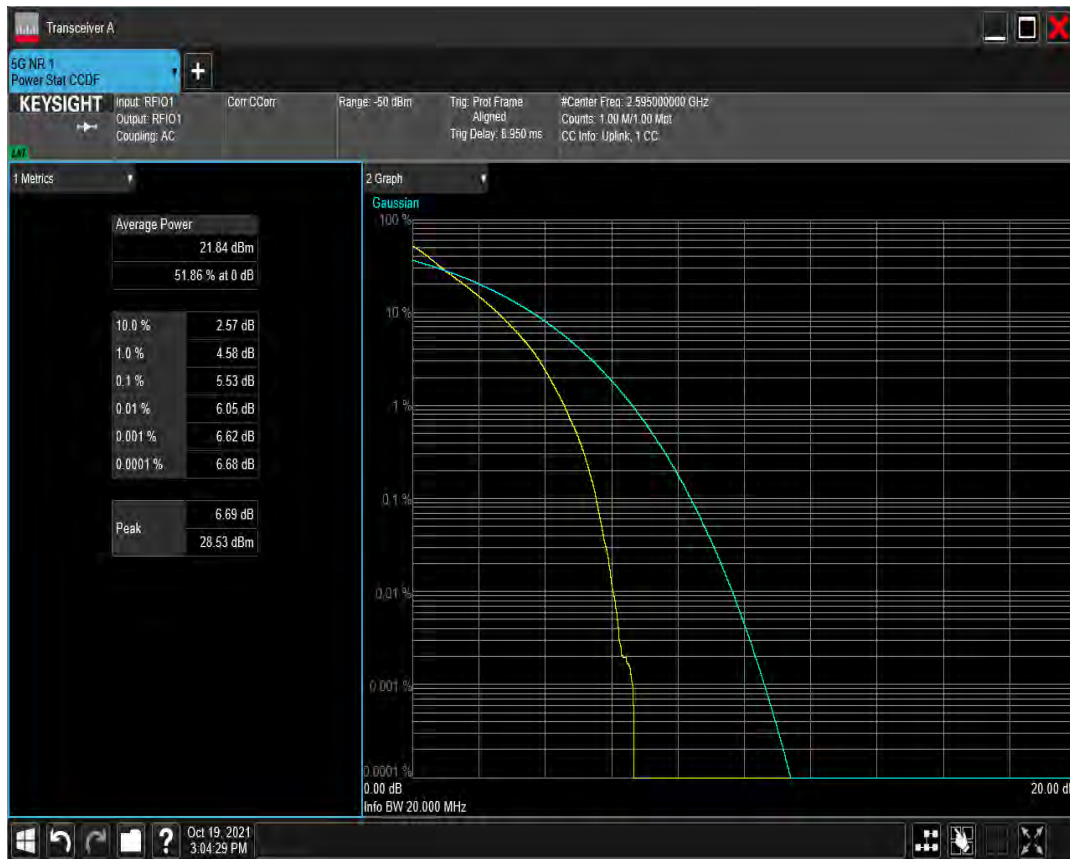
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n38	15	5	518500	25@0	DFT_BPSK	4.33	13	PASS
n38	15	5	518500	25@0	DFT_QPSK	5.25	13	PASS
n38	15	5	518500	25@0	DFT_QAM16	6.20	13	PASS
n38	15	5	518500	25@0	DFT_QAM64	6.43	13	PASS
n38	15	5	518500	25@0	DFT_QAM256	6.79	13	PASS
n38	15	10	519000	50@0	DFT_BPSK	4.53	13	PASS
n38	15	10	519000	50@0	DFT_QPSK	5.41	13	PASS
n38	15	10	519000	50@0	DFT_QAM16	6.20	13	PASS
n38	15	10	519000	50@0	DFT_QAM64	6.49	13	PASS
n38	15	10	519000	50@0	DFT_QAM256	7.08	13	PASS
n38	15	15	519000	75@0	DFT_BPSK	4.51	13	PASS

n38	15	15	519000	75@0	DFT_QPSK	5.49	13	PASS
n38	15	15	519000	75@0	DFT_QAM16	6.22	13	PASS
n38	15	15	519000	75@0	DFT_QAM64	6.56	13	PASS
n38	15	15	519000	75@0	DFT_QAM256	6.87	13	PASS
n38	15	20	519000	100@0	DFT_BPSK	4.50	13	PASS
n38	15	20	519000	100@0	DFT_QPSK	5.53	13	PASS
n38	15	20	519000	100@0	DFT_QAM16	6.27	13	PASS
n38	15	20	519000	100@0	DFT_QAM64	6.59	13	PASS
n38	15	20	519000	100@0	DFT_QAM256	6.90	13	PASS
n38	15	40	519000	216@0	DFT_BPSK	5.05	13	PASS
n38	15	40	519000	216@0	DFT_QPSK	5.75	13	PASS
n38	15	40	519000	216@0	DFT_QAM16	6.48	13	PASS
n38	15	40	519000	216@0	DFT_QAM64	6.70	13	PASS
n38	15	40	519000	216@0	DFT_QAM256	6.96	13	PASS

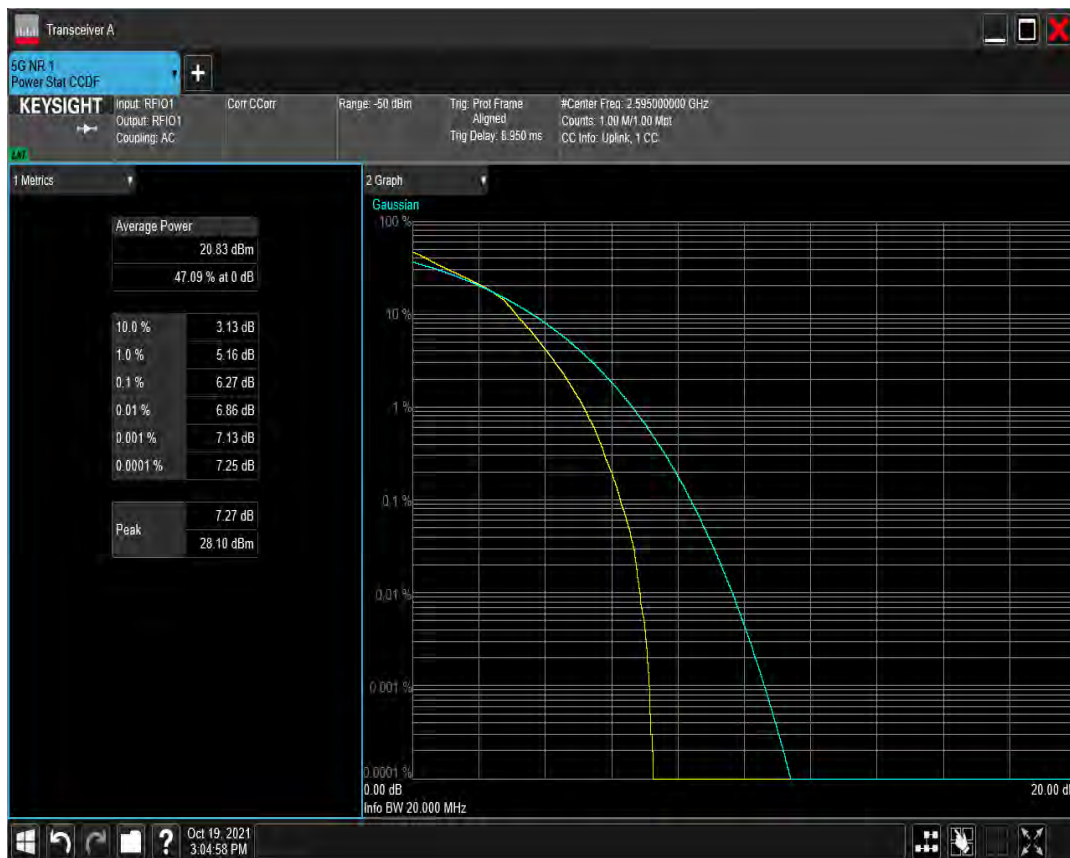
n38 SCS=15kHz DFT_BPSK BW=20MHz Channel=519000 RB=100@0



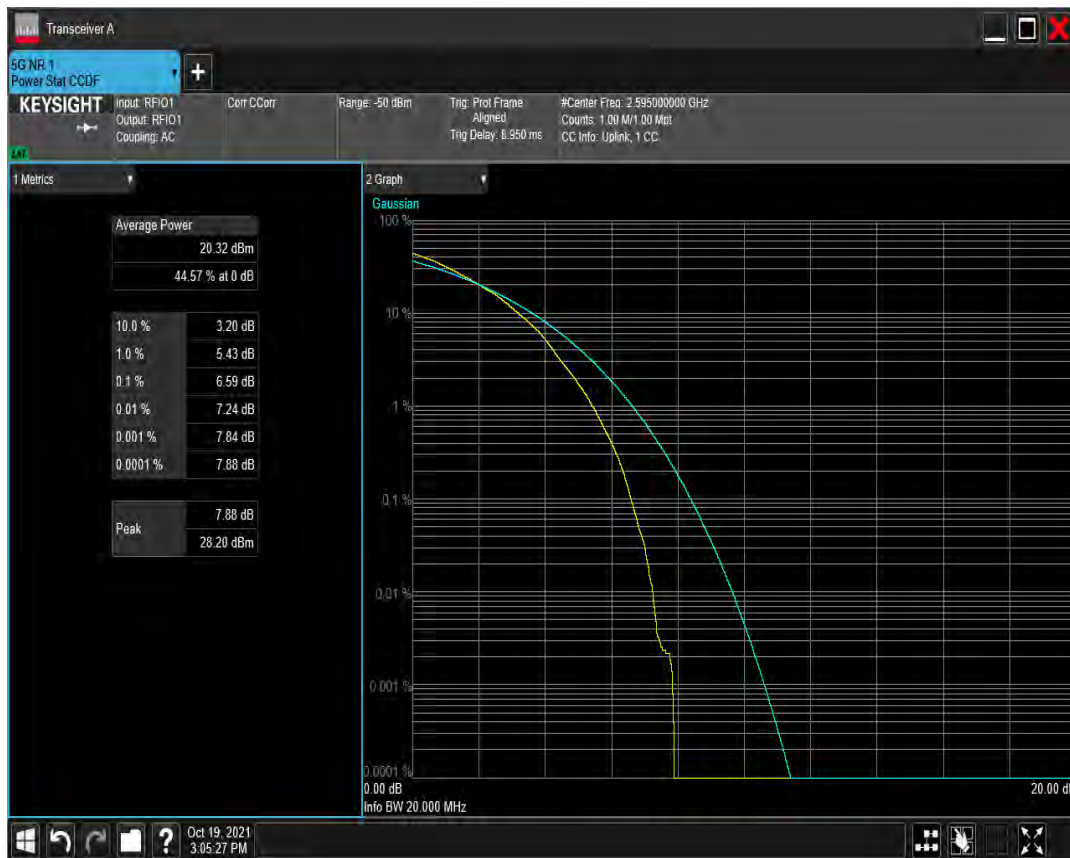
n38 SCS=15kHz DFT_QPSK BW=20MHz Channel=519000 RB=100@0



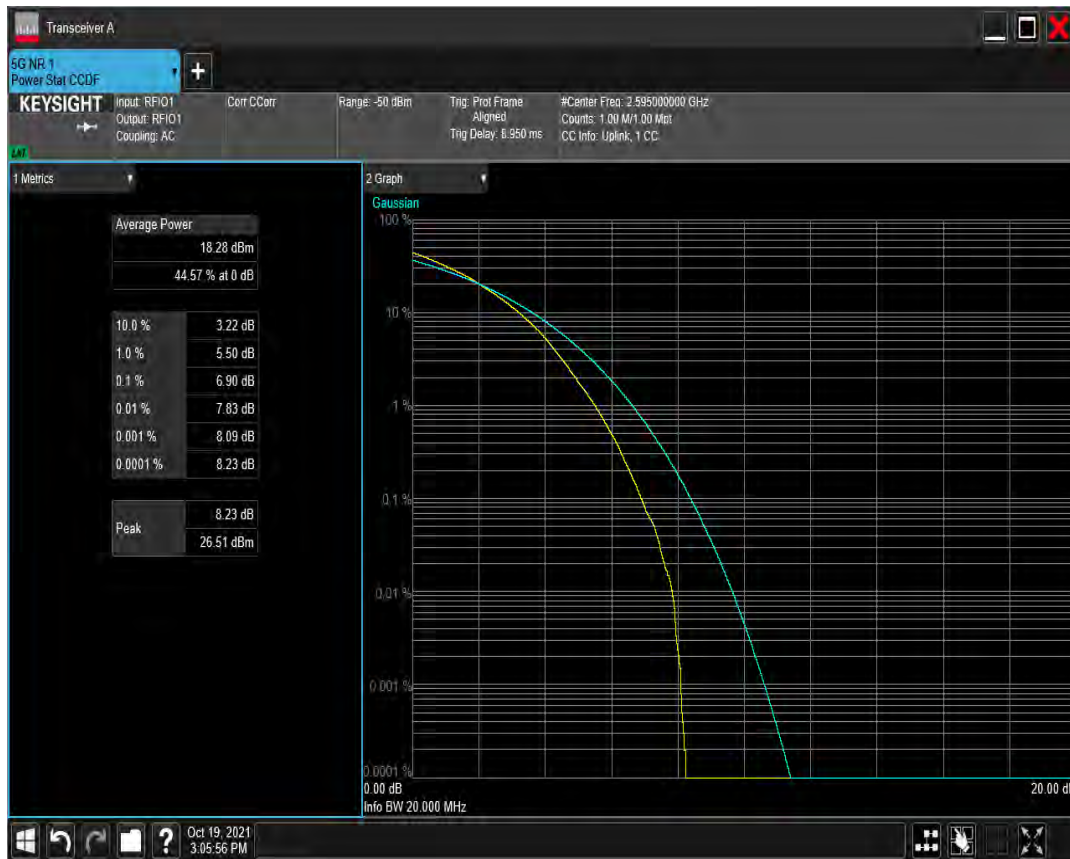
n38 SCS=15kHz DFT_QAM16 BW=20MHz Channel=519000 RB=100@0



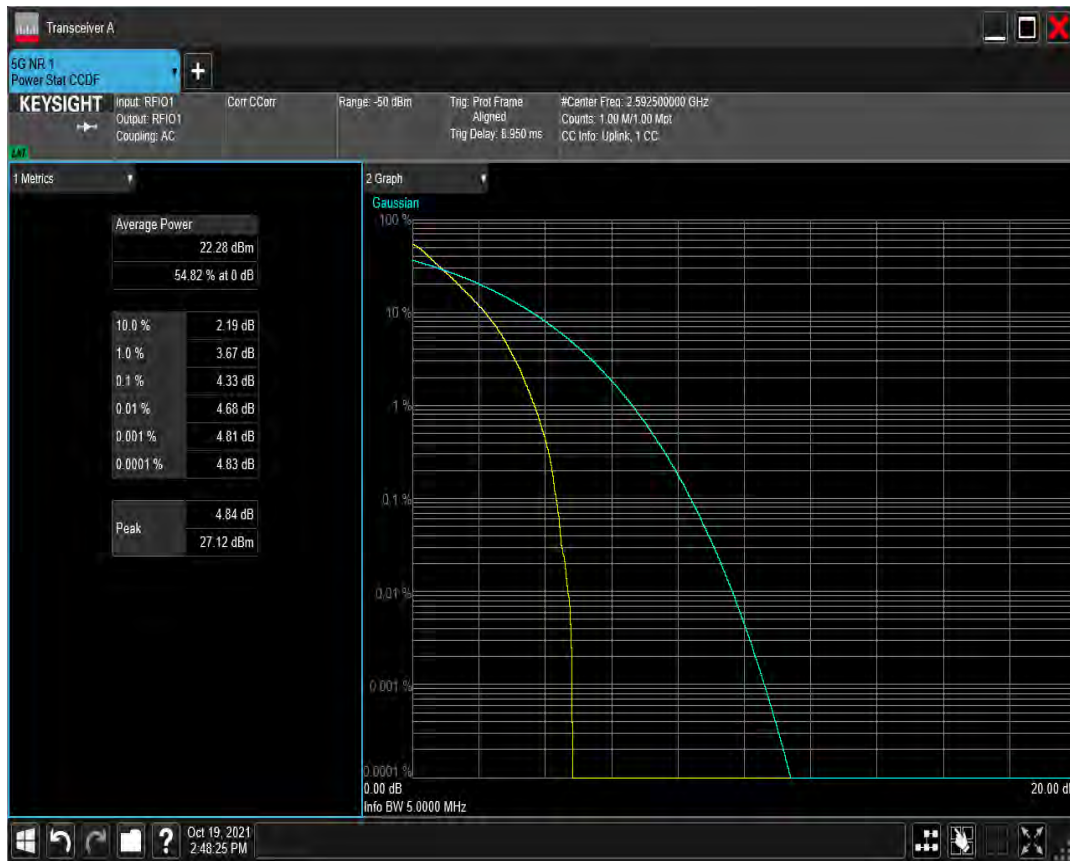
n38 SCS=15kHz DFT_QAM64 BW=20MHz Channel=519000 RB=100@0



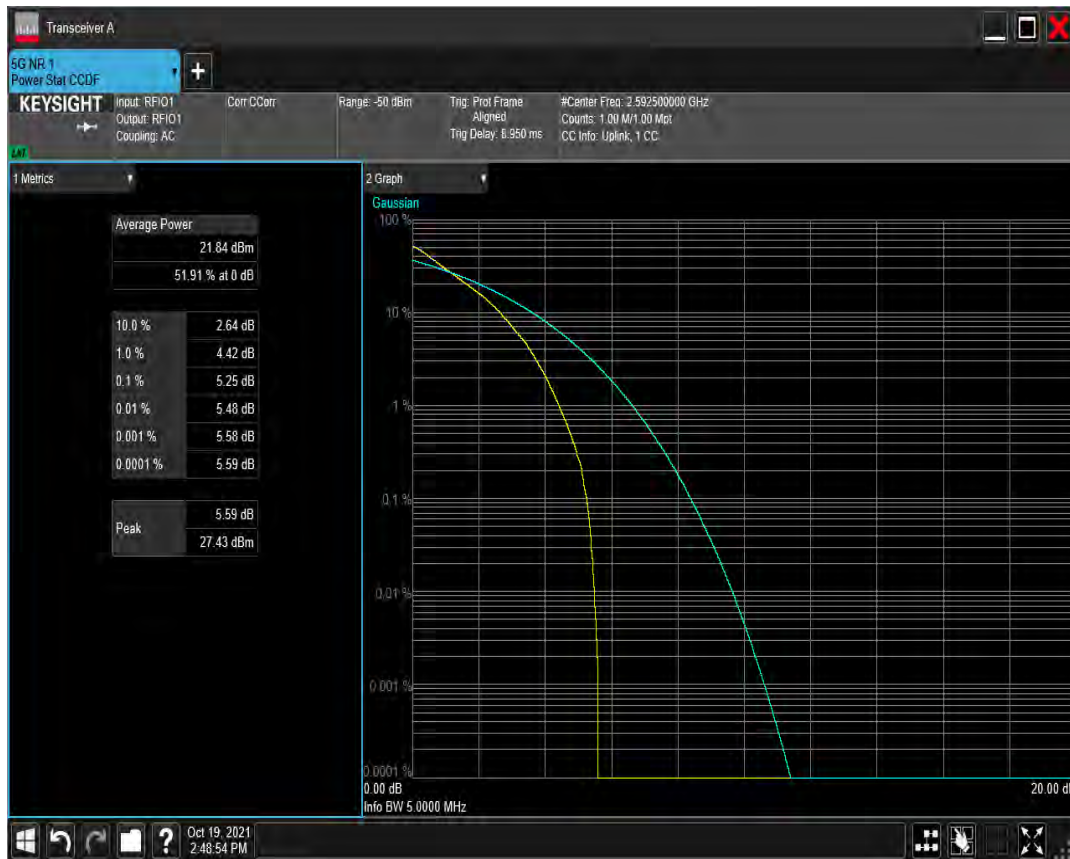
n38 SCS=15kHz DFT_QAM256 BW=20MHz Channel=519000 RB=100@0



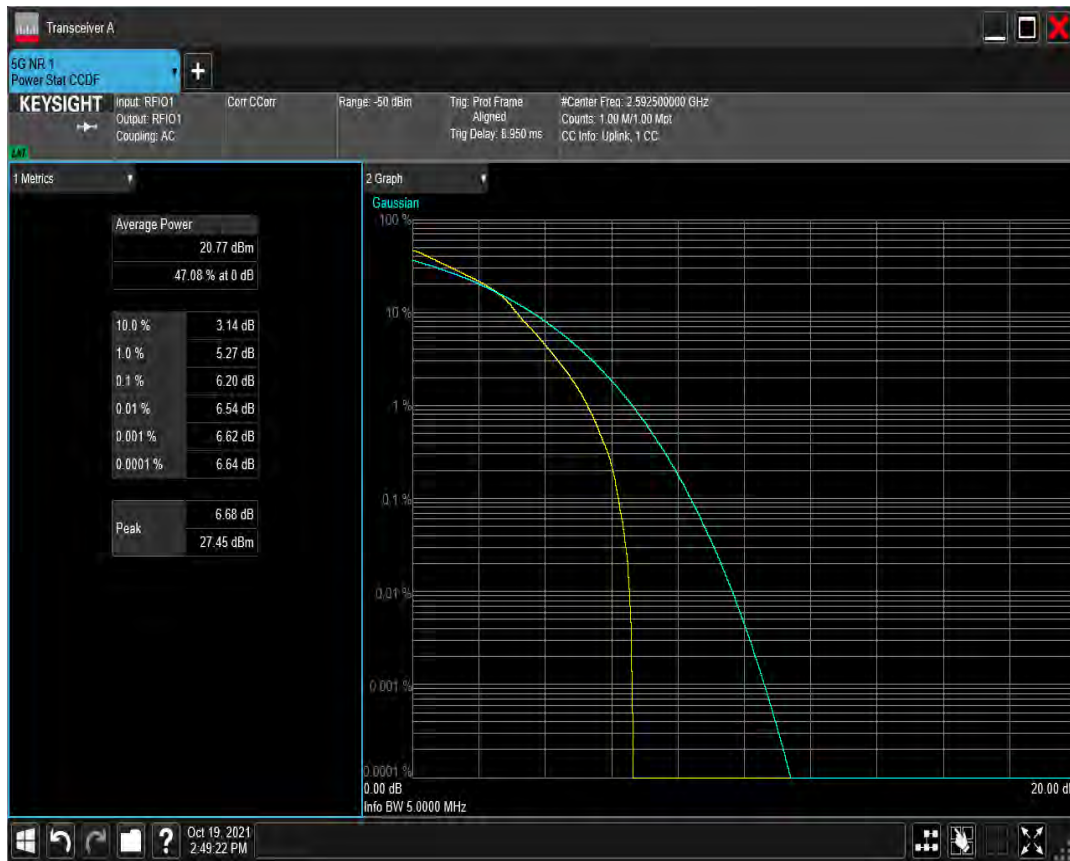
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=518500 RB=25@0



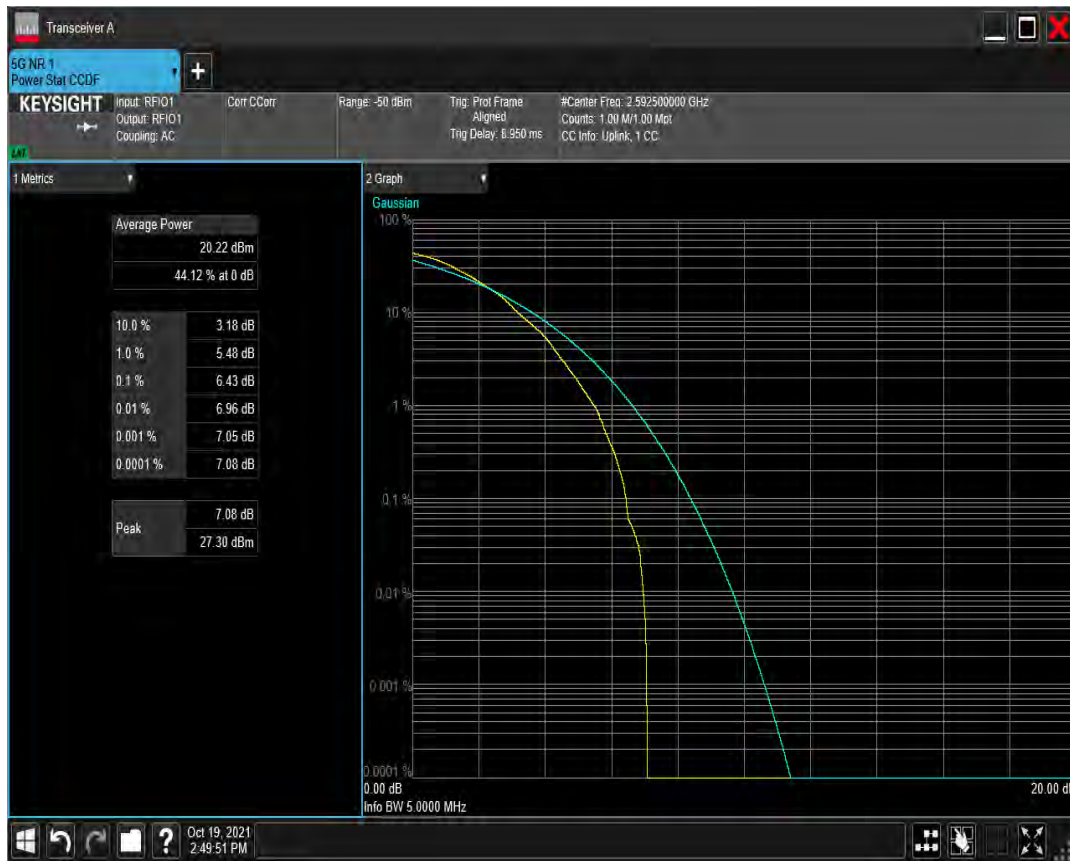
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=518500 RB=25@0



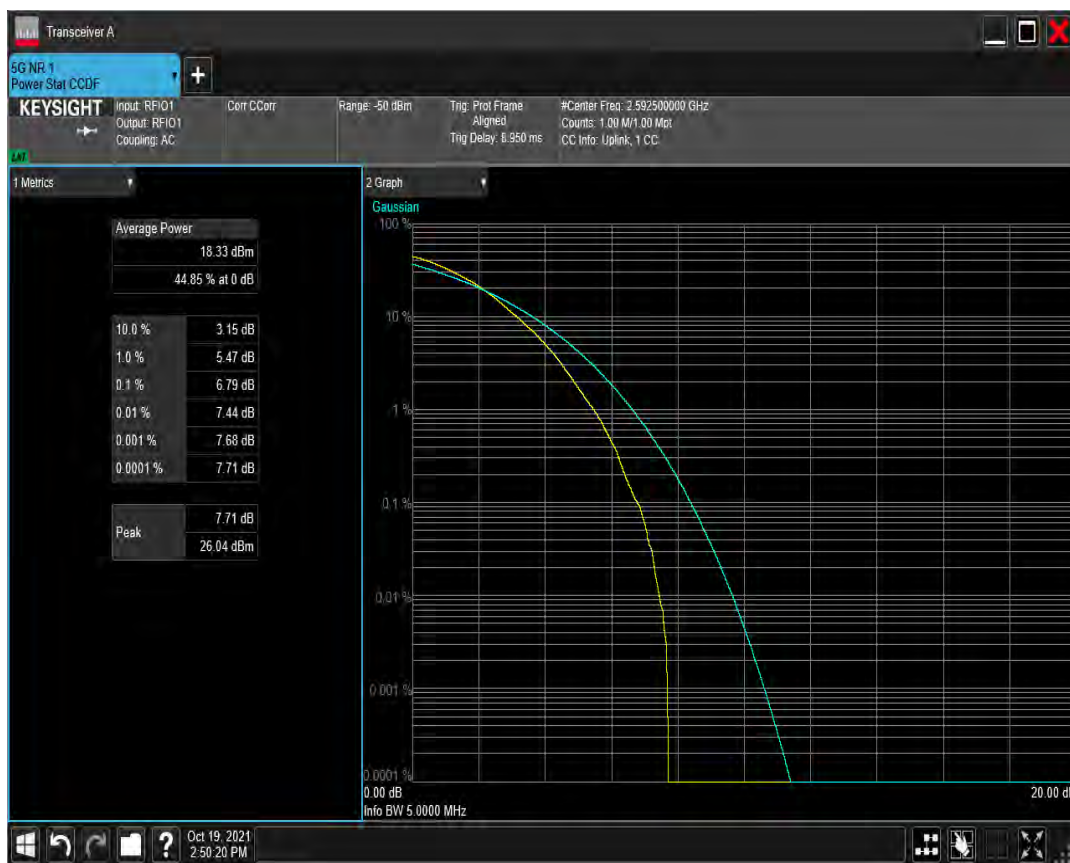
n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=518500 RB=25@0



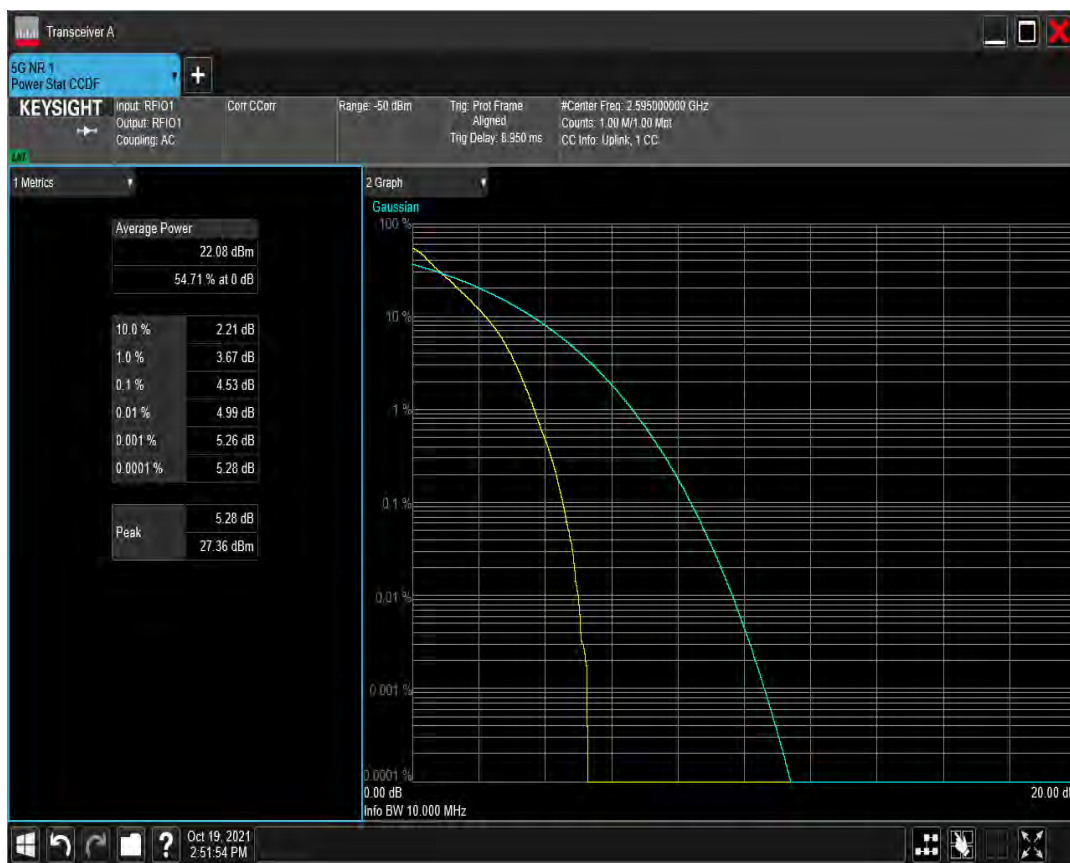
n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=518500 RB=25@0



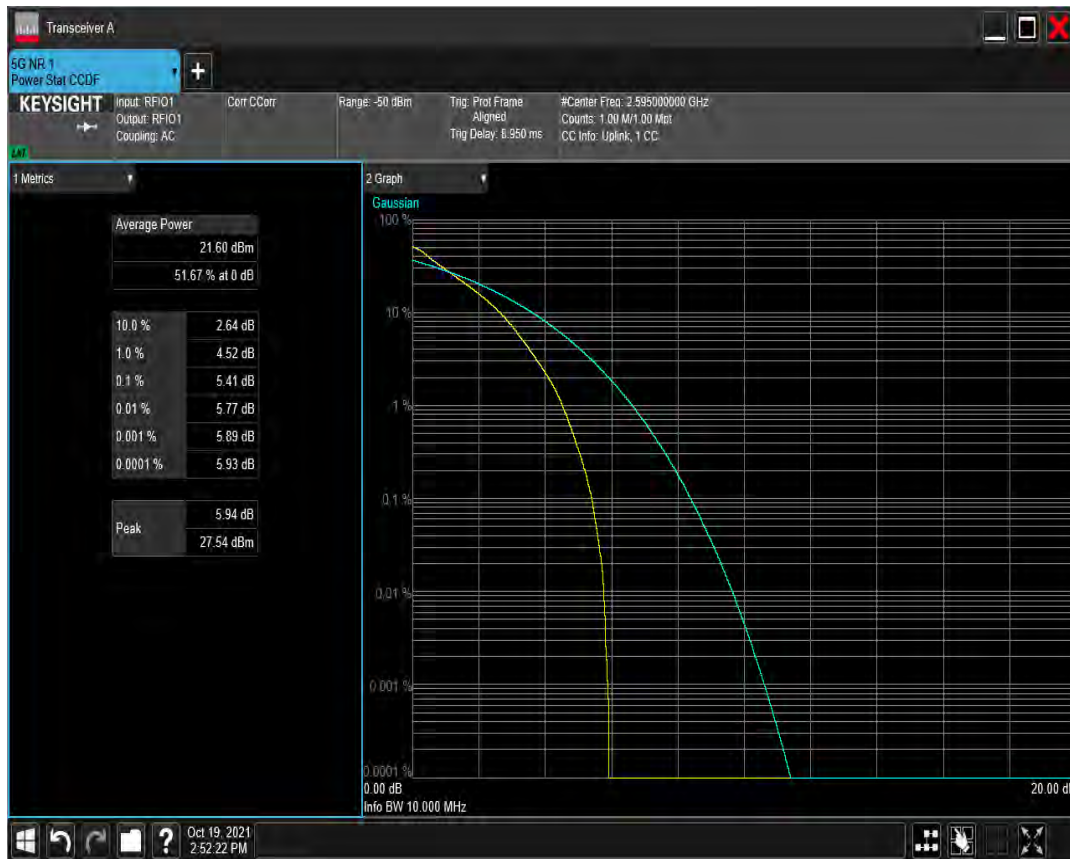
n38 SCS=15kHz DFT_QAM256 BW=5MHz Channel=518500 RB=25@0



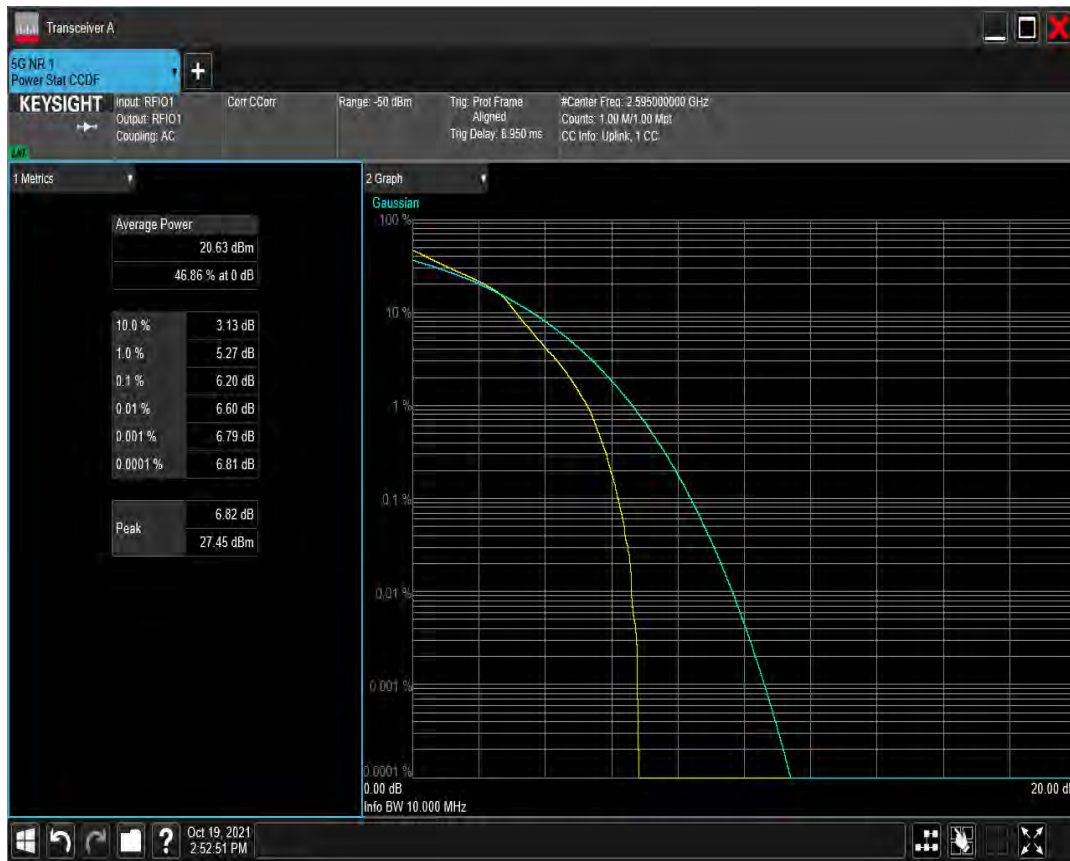
n38 SCS=15kHz DFT_BPSK BW=10MHz Channel=519000 RB=50@0



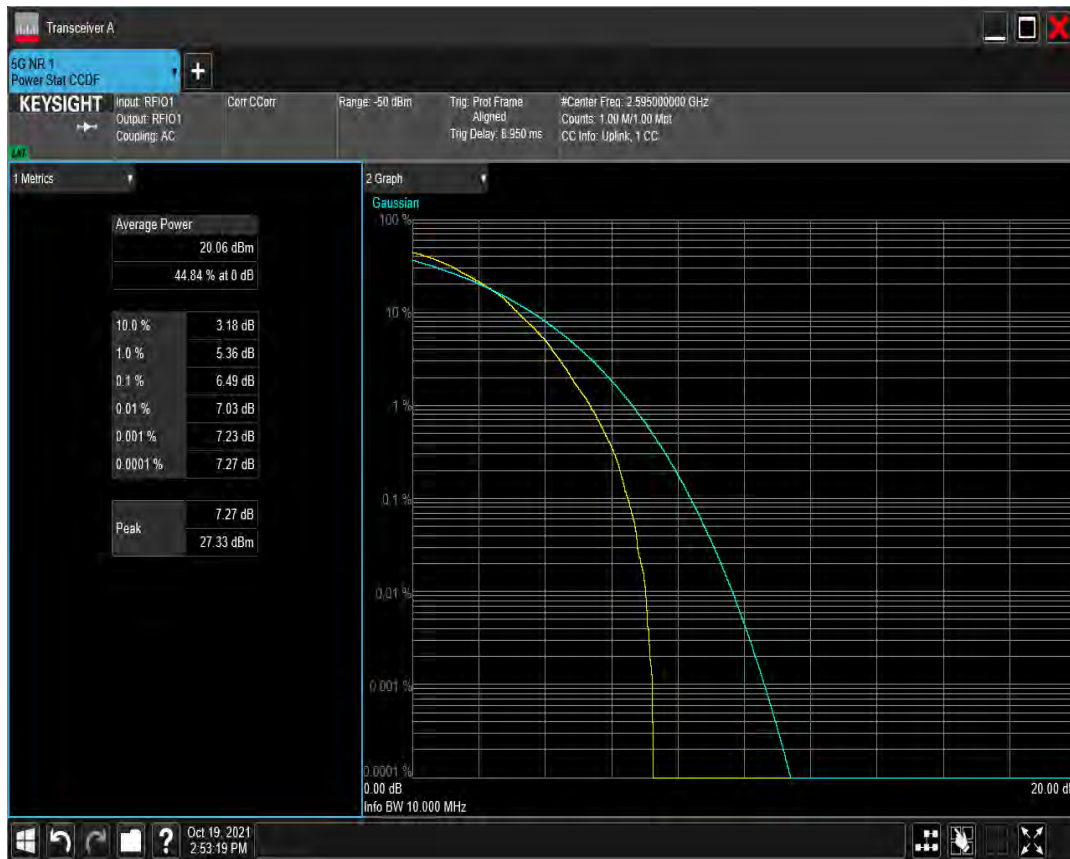
n38 SCS=15kHz DFT_QPSK BW=10MHz Channel=519000 RB=50@0



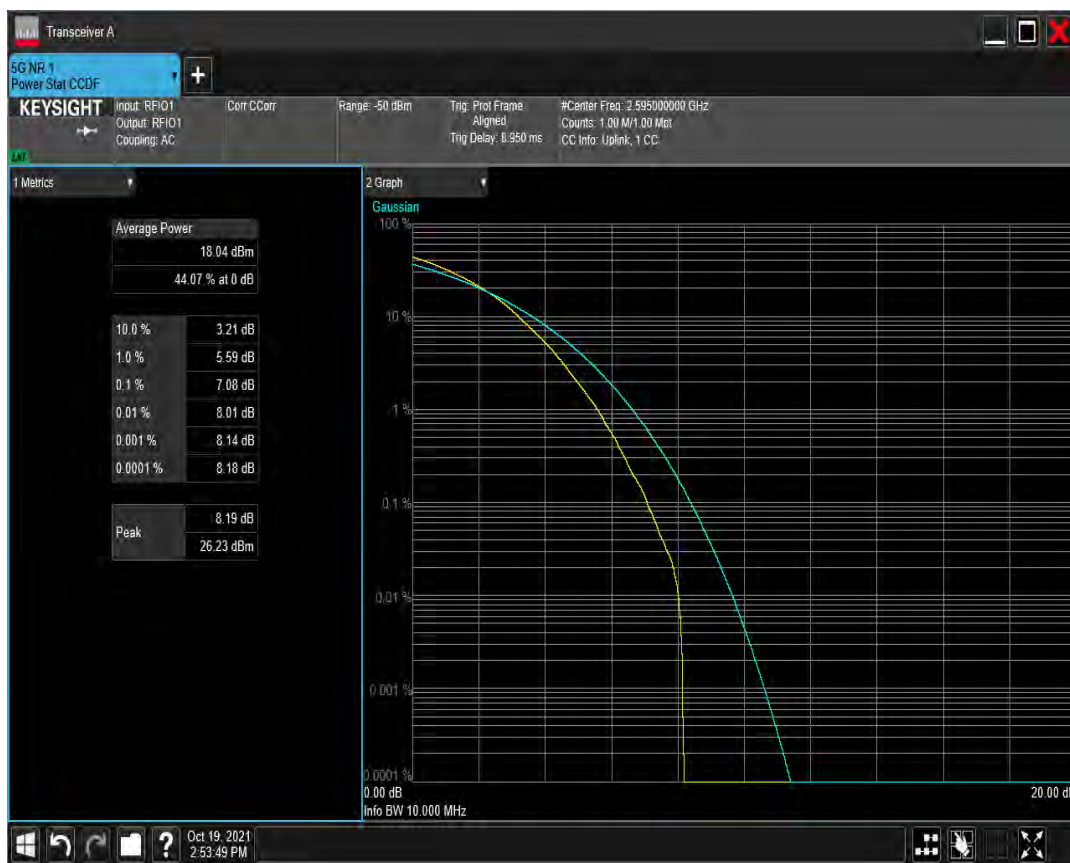
n38 SCS=15kHz DFT_QAM16 BW=10MHz Channel=519000 RB=50@0



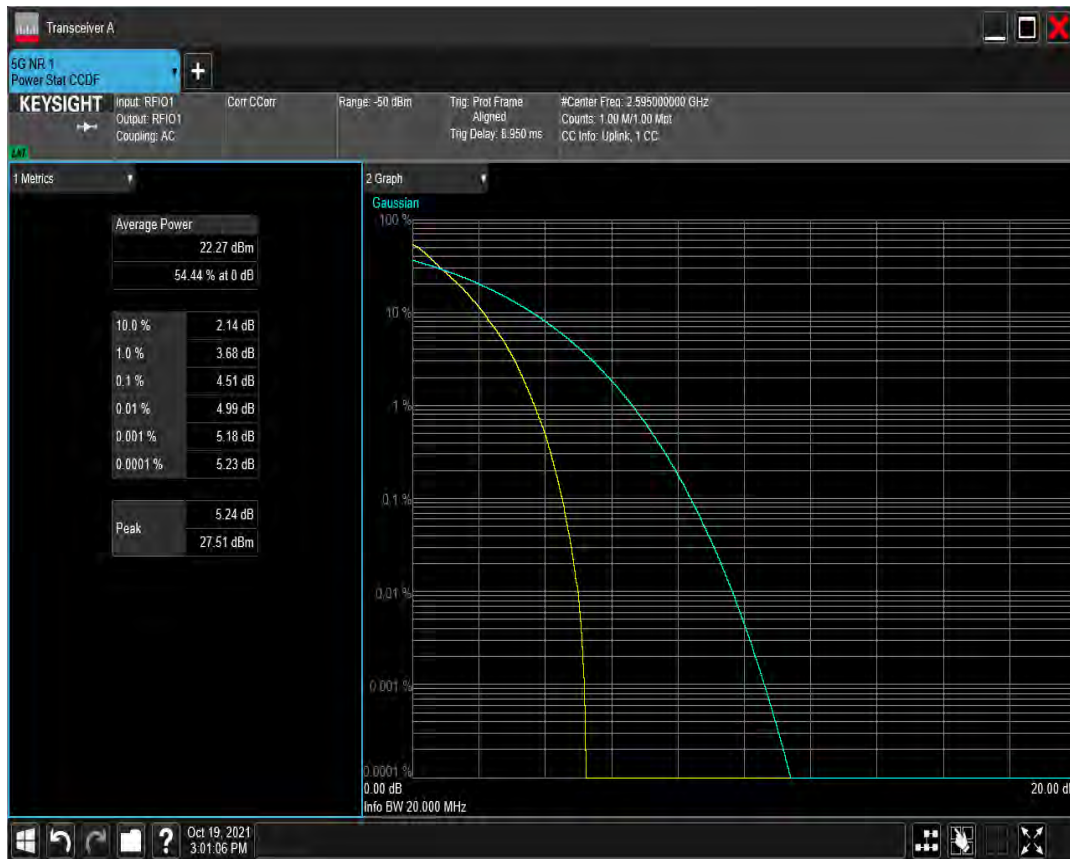
n38 SCS=15kHz DFT_QAM64 BW=10MHz Channel=519000 RB=50@0



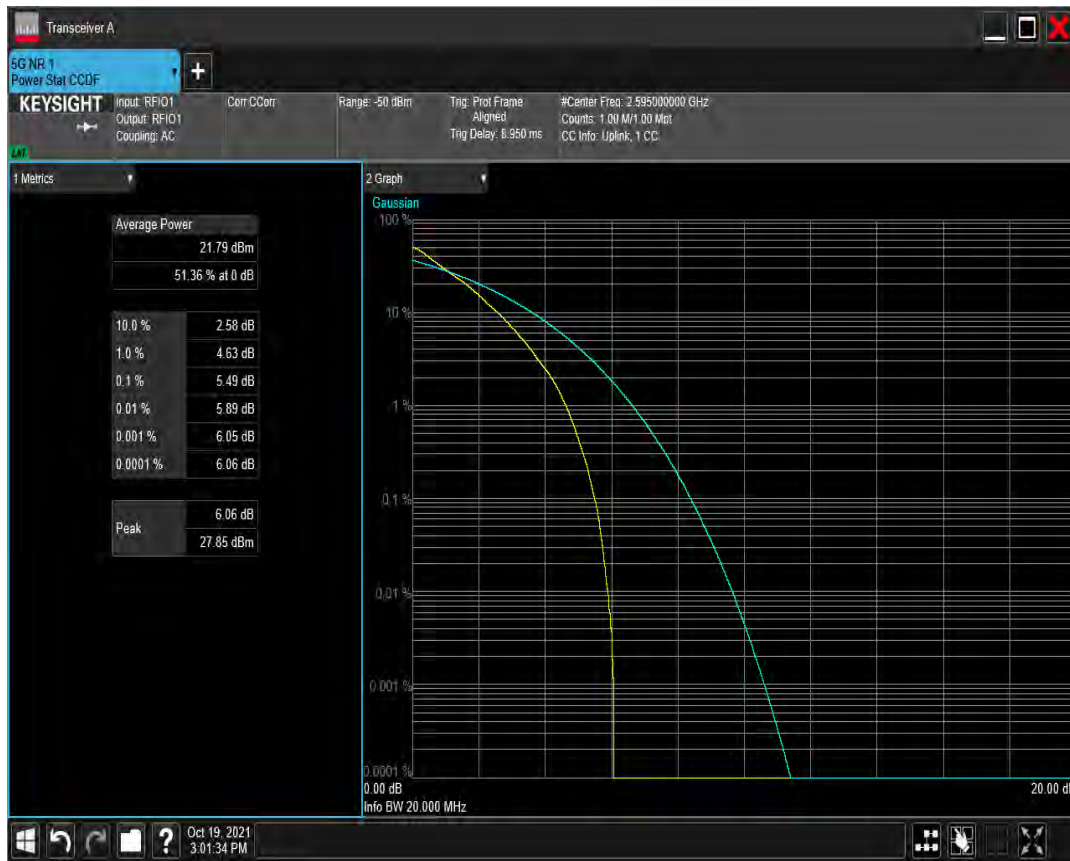
n38 SCS=15kHz DFT_QAM256 BW=10MHz Channel=519000 RB=50@0



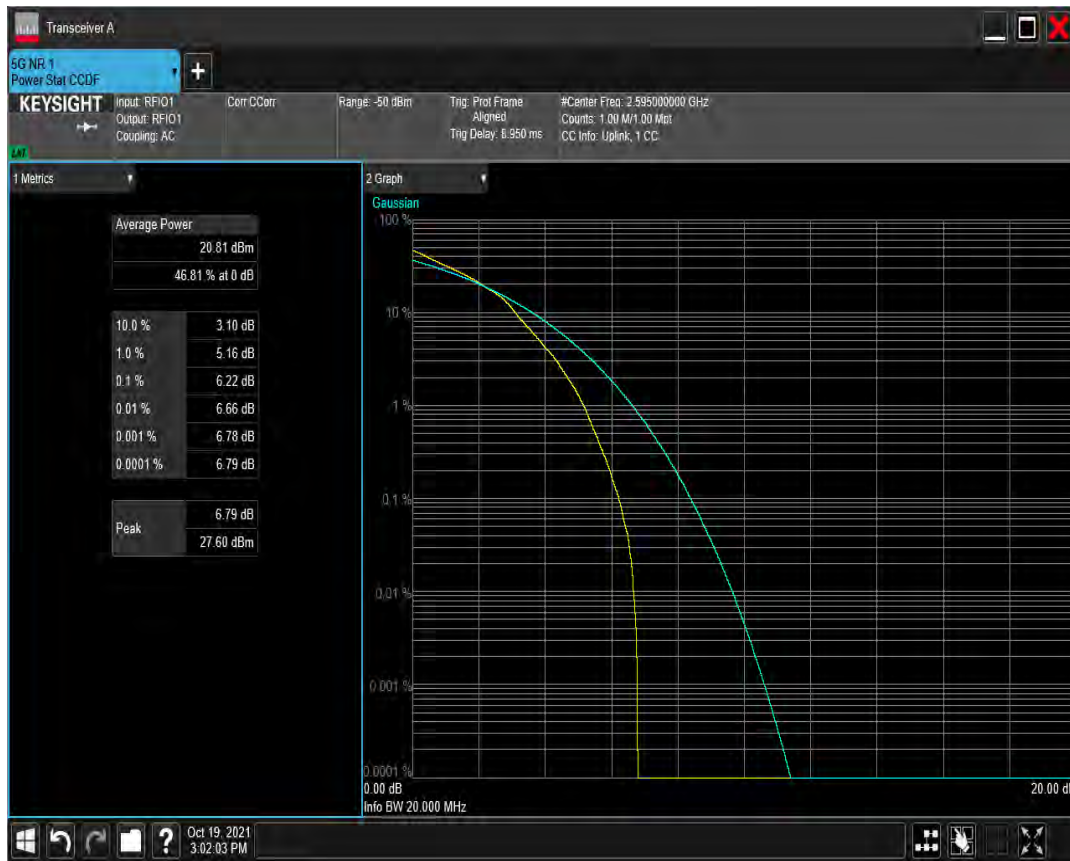
n38 SCS=15kHz DFT_BPSK BW=15MHz Channel=519000 RB=75@0



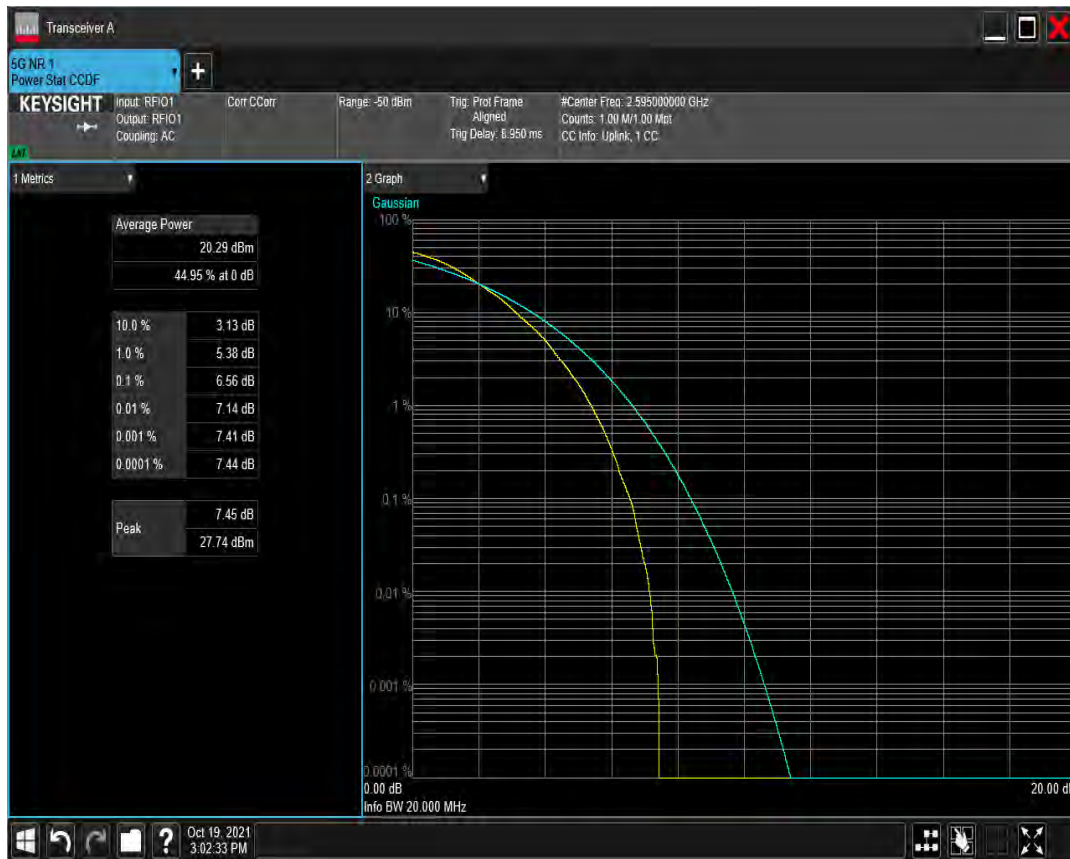
n38 SCS=15kHz DFT_QPSK BW=15MHz Channel=519000 RB=75@0



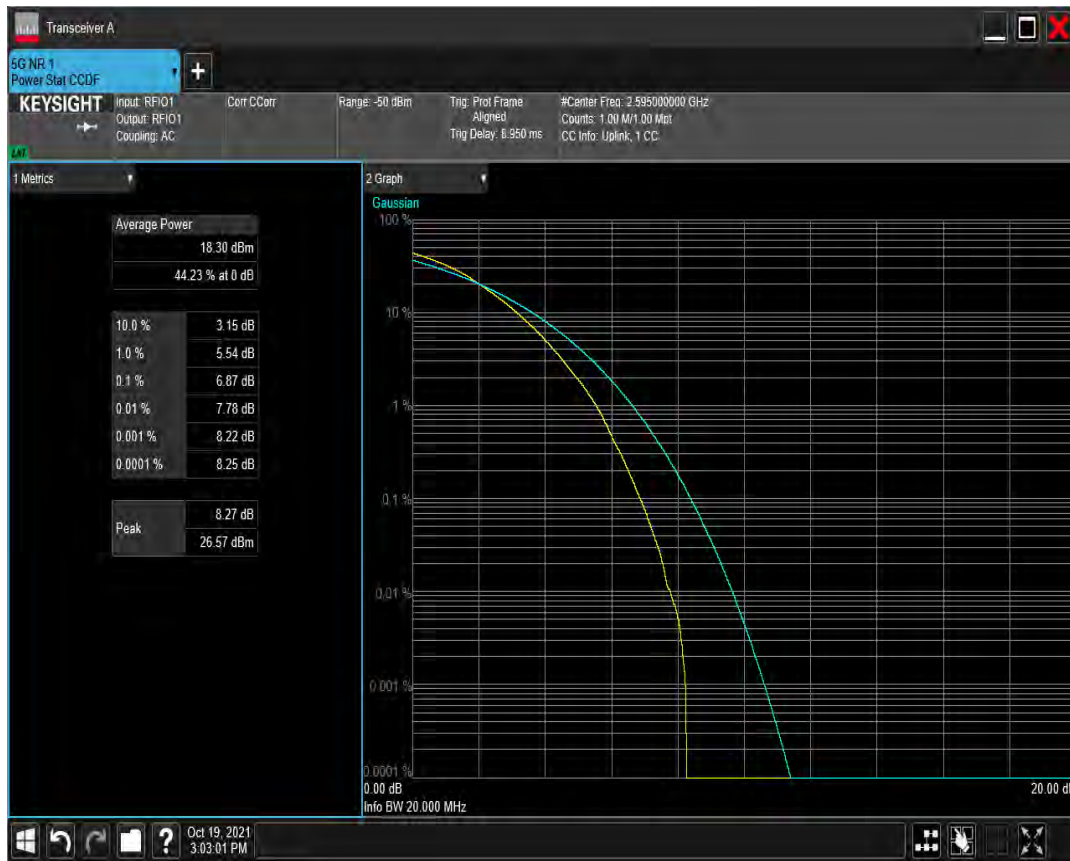
n38 SCS=15kHz DFT_QAM16 BW=15MHz Channel=519000 RB=75@0



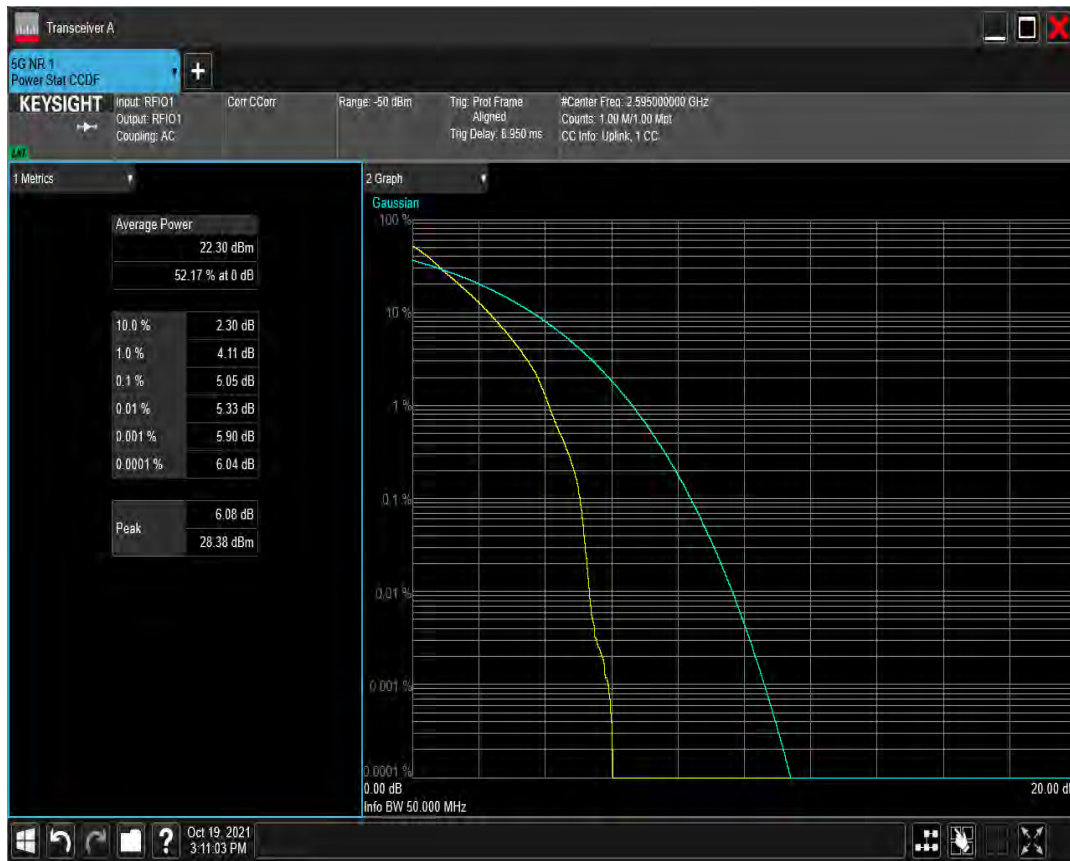
n38 SCS=15kHz DFT_QAM64 BW=15MHz Channel=519000 RB=75@0



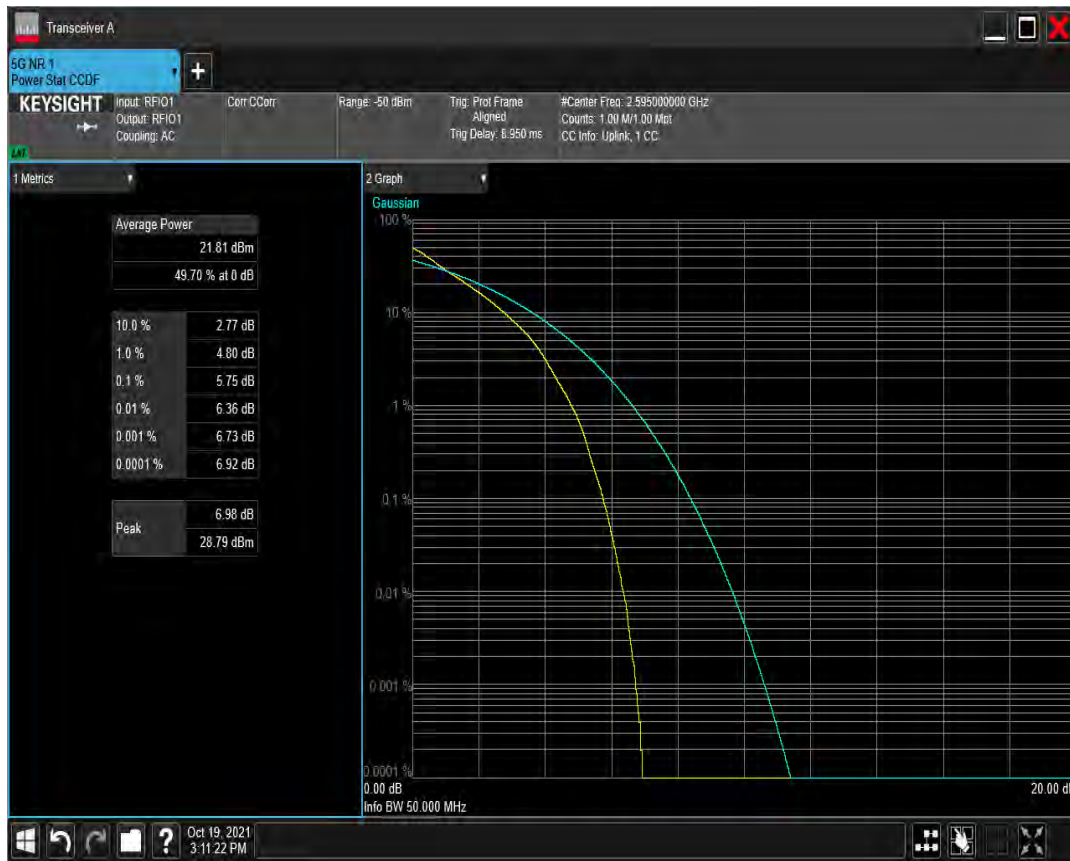
n38 SCS=15kHz DFT_QAM256 BW=15MHz Channel=519000 RB=75@0



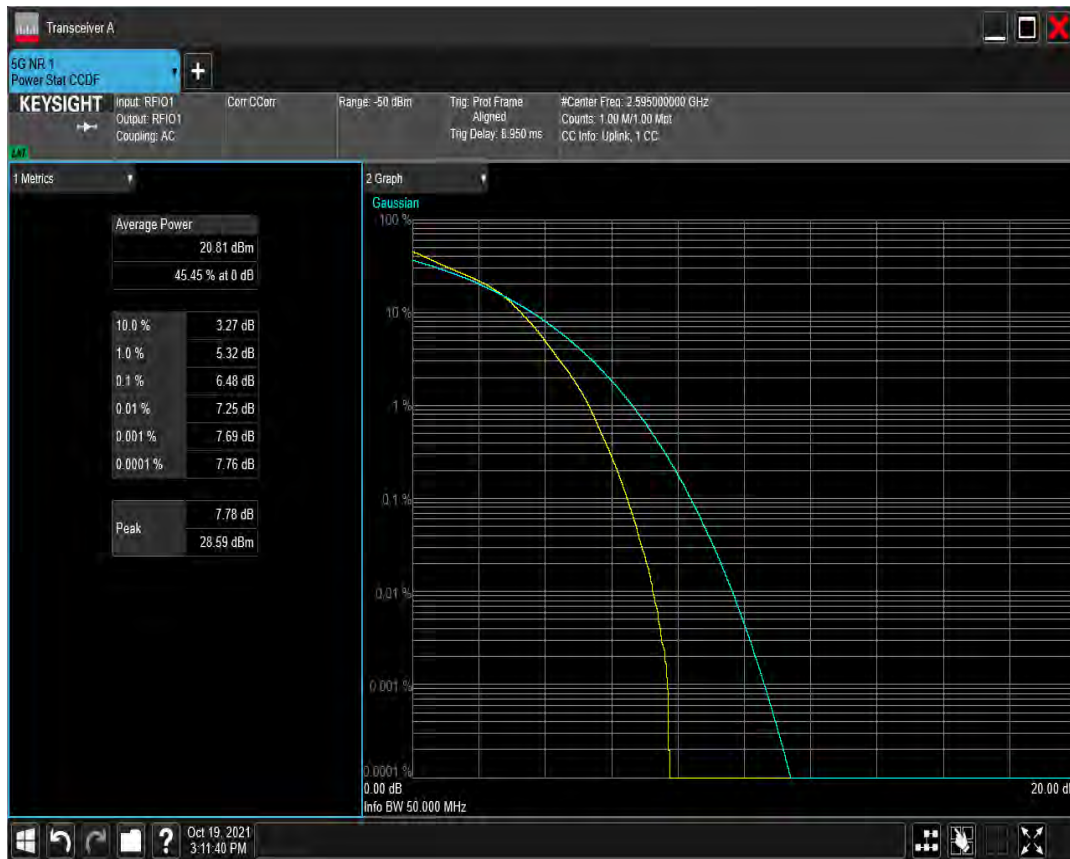
n38 SCS=15kHz DFT_BPSK BW=40MHz Channel=519000 RB=216@0



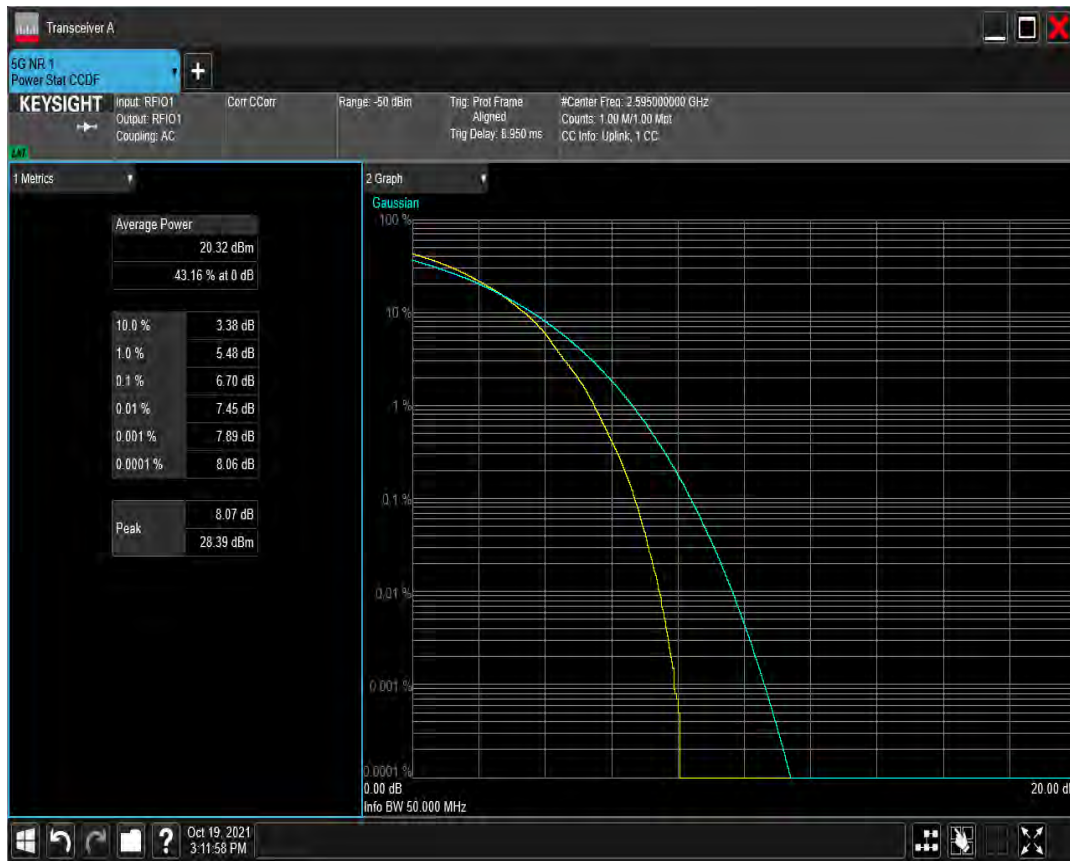
n38 SCS=15kHz DFT_QPSK BW=40MHz Channel=519000 RB=216@0



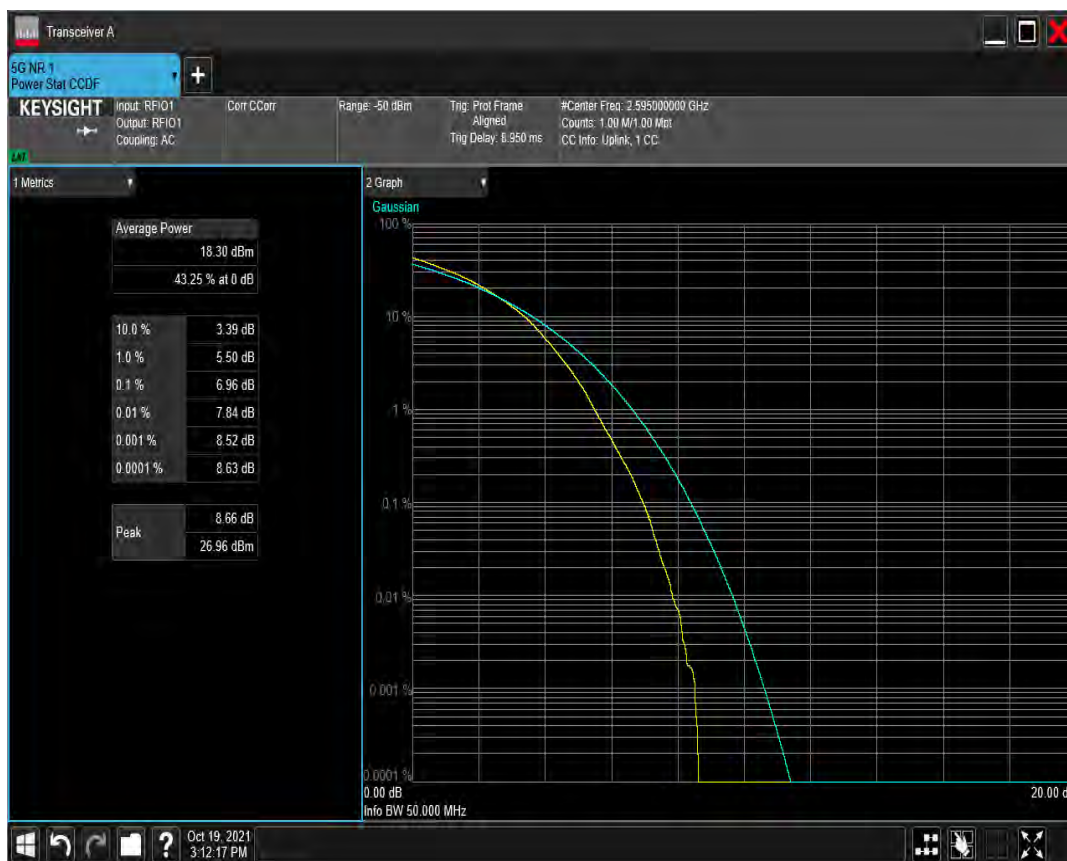
n38 SCS=15kHz DFT_QAM16 BW=40MHz Channel=519000 RB=216@0



n38 SCS=15kHz DFT_QAM64 BW=40MHz Channel=519000 RB=216@0



n38 SCS=15kHz DFT_QAM256 BW=40MHz Channel=519000 RB=216@0



4 Occupied bandwidth for NR FR1

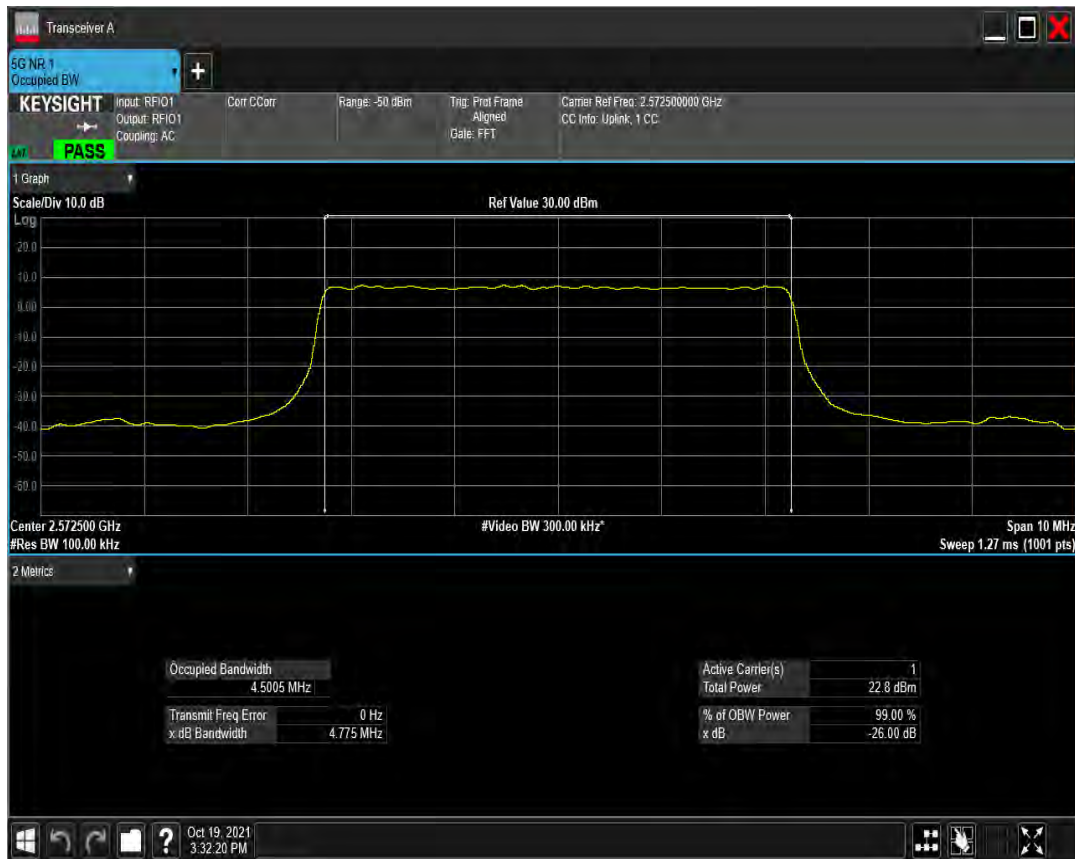
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n38	15	5	514500	25@0	DFT_BPSK	4.500	4.770	PASS
n38	15	5	514500	25@0	DFT_QPSK	4.490	4.750	PASS
n38	15	5	514500	25@0	DFT_QAM16	4.490	4.760	PASS
n38	15	5	514500	25@0	DFT_QAM64	4.490	4.760	PASS
n38	15	5	514500	25@0	DFT_QAM256	4.490	4.770	PASS
n38	15	5	514500	25@0	CP_QPSK	4.490	4.770	PASS
n38	15	5	514500	25@0	CP_QAM16	4.490	4.750	PASS
n38	15	5	514500	25@0	CP_QAM64	4.490	4.770	PASS
n38	15	5	514500	25@0	CP_QAM256	4.490	4.770	PASS
n38	15	5	518500	25@0	DFT_BPSK	4.500	4.780	PASS
n38	15	5	518500	25@0	DFT_QPSK	4.490	4.760	PASS
n38	15	5	518500	25@0	DFT_QAM16	4.490	4.760	PASS
n38	15	5	518500	25@0	DFT_QAM64	4.500	4.750	PASS
n38	15	5	518500	25@0	DFT_QAM256	4.490	4.760	PASS
n38	15	5	518500	25@0	CP_QPSK	4.490	4.770	PASS
n38	15	5	518500	25@0	CP_QAM16	4.490	4.770	PASS
n38	15	5	518500	25@0	CP_QAM64	4.490	4.780	PASS
n38	15	5	518500	25@0	CP_QAM256	4.490	4.760	PASS

n38	15	5	523500	25@0	DFT_BPSK	4.490	4.770	PASS
n38	15	5	523500	25@0	DFT_QPSK	4.490	4.760	PASS
n38	15	5	523500	25@0	DFT_QAM16	4.490	4.770	PASS
n38	15	5	523500	25@0	DFT_QAM64	4.490	4.760	PASS
n38	15	5	523500	25@0	DFT_QAM256	4.490	4.770	PASS
n38	15	5	523500	25@0	CP_QPSK	4.490	4.780	PASS
n38	15	5	523500	25@0	CP_QAM16	4.490	4.780	PASS
n38	15	5	523500	25@0	CP_QAM64	4.490	4.770	PASS
n38	15	5	523500	25@0	CP_QAM256	4.490	4.770	PASS
n38	15	10	515000	50@0	DFT_BPSK	9.210	9.480	PASS
n38	15	10	515000	50@0	DFT_QPSK	9.210	9.490	PASS
n38	15	10	515000	50@0	DFT_QAM16	9.220	9.480	PASS
n38	15	10	515000	50@0	DFT_QAM64	9.220	9.480	PASS
n38	15	10	515000	50@0	DFT_QAM256	9.220	9.480	PASS
n38	15	10	515000	52@0	CP_QPSK	9.330	9.840	PASS
n38	15	10	515000	52@0	CP_QAM16	9.330	9.840	PASS
n38	15	10	515000	52@0	CP_QAM64	9.330	9.830	PASS
n38	15	10	515000	52@0	CP_QAM256	9.330	9.830	PASS
n38	15	10	519000	50@0	DFT_BPSK	9.250	9.480	PASS
n38	15	10	519000	50@0	DFT_QPSK	9.220	9.490	PASS
n38	15	10	519000	50@0	DFT_QAM16	9.240	9.470	PASS
n38	15	10	519000	50@0	DFT_QAM64	9.240	9.480	PASS
n38	15	10	519000	50@0	DFT_QAM256	9.240	9.470	PASS
n38	15	10	519000	52@0	CP_QPSK	9.330	9.830	PASS
n38	15	10	519000	52@0	CP_QAM16	9.330	9.840	PASS
n38	15	10	519000	52@0	CP_QAM64	9.330	9.830	PASS
n38	15	10	519000	52@0	CP_QAM256	9.320	9.830	PASS
n38	15	10	523000	50@0	DFT_BPSK	9.250	9.480	PASS
n38	15	10	523000	50@0	DFT_QPSK	9.240	9.500	PASS
n38	15	10	523000	50@0	DFT_QAM16	9.220	9.470	PASS
n38	15	10	523000	50@0	DFT_QAM64	9.220	9.480	PASS
n38	15	10	523000	50@0	DFT_QAM256	9.210	9.470	PASS
n38	15	10	523000	52@0	CP_QPSK	9.330	9.840	PASS
n38	15	10	523000	52@0	CP_QAM16	9.330	9.850	PASS
n38	15	10	523000	52@0	CP_QAM64	9.330	9.850	PASS
n38	15	10	523000	52@0	CP_QAM256	9.330	9.840	PASS
n38	15	15	515500	75@0	DFT_BPSK	14.010	14.230	PASS
n38	15	15	515500	75@0	DFT_QPSK	13.990	14.210	PASS
n38	15	15	515500	75@0	DFT_QAM16	13.990	14.200	PASS
n38	15	15	515500	75@0	DFT_QAM64	14.010	14.210	PASS
n38	15	15	515500	75@0	DFT_QAM256	14.000	14.200	PASS
n38	15	15	515500	79@0	CP_QPSK	14.170	14.920	PASS

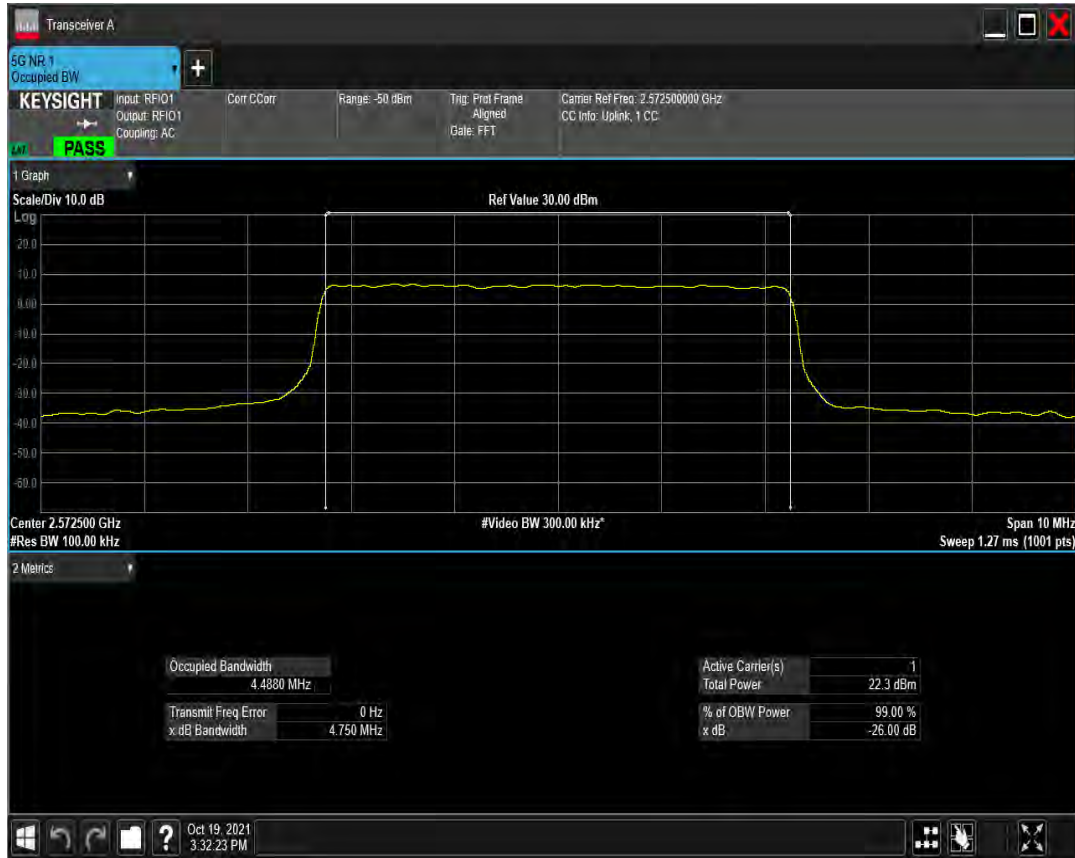
n38	15	15	515500	79@0	CP_QAM16	14.170	14.930	PASS
n38	15	15	515500	79@0	CP_QAM64	14.170	14.910	PASS
n38	15	15	515500	79@0	CP_QAM256	14.170	14.920	PASS
n38	15	15	519000	75@0	DFT_BPSK	14.040	14.210	PASS
n38	15	15	519000	75@0	DFT_QPSK	14.000	14.200	PASS
n38	15	15	519000	75@0	DFT_QAM16	14.010	14.210	PASS
n38	15	15	519000	75@0	DFT_QAM64	14.010	14.210	PASS
n38	15	15	519000	75@0	DFT_QAM256	14.010	14.200	PASS
n38	15	15	519000	79@0	CP_QPSK	14.170	14.930	PASS
n38	15	15	519000	79@0	CP_QAM16	14.170	14.910	PASS
n38	15	15	519000	79@0	CP_QAM64	14.170	14.910	PASS
n38	15	15	519000	79@0	CP_QAM256	14.160	14.900	PASS
n38	15	15	522500	75@0	DFT_BPSK	13.990	14.200	PASS
n38	15	15	522500	75@0	DFT_QPSK	13.990	14.200	PASS
n38	15	15	522500	75@0	DFT_QAM16	14.000	14.200	PASS
n38	15	15	522500	75@0	DFT_QAM64	14.010	14.210	PASS
n38	15	15	522500	75@0	DFT_QAM256	13.990	14.200	PASS
n38	15	15	522500	79@0	CP_QPSK	14.170	14.920	PASS
n38	15	15	522500	79@0	CP_QAM16	14.170	14.920	PASS
n38	15	15	522500	79@0	CP_QAM64	14.170	14.920	PASS
n38	15	15	522500	79@0	CP_QAM256	14.160	14.910	PASS
n38	15	20	516000	100@0	DFT_BPSK	18.820	18.890	PASS
n38	15	20	516000	100@0	DFT_QPSK	18.800	18.910	PASS
n38	15	20	516000	100@0	DFT_QAM16	18.760	18.900	PASS
n38	15	20	516000	100@0	DFT_QAM64	18.810	18.900	PASS
n38	15	20	516000	100@0	DFT_QAM256	18.760	18.890	PASS
n38	15	20	516000	106@0	CP_QPSK	18.980	19.980	PASS
n38	15	20	516000	106@0	CP_QAM16	18.980	19.980	PASS
n38	15	20	516000	106@0	CP_QAM64	18.980	19.970	PASS
n38	15	20	516000	106@0	CP_QAM256	18.990	19.990	PASS
n38	15	20	519000	100@0	DFT_BPSK	18.810	18.900	PASS
n38	15	20	519000	100@0	DFT_QPSK	18.750	18.910	PASS
n38	15	20	519000	100@0	DFT_QAM16	18.800	18.900	PASS
n38	15	20	519000	100@0	DFT_QAM64	18.810	18.900	PASS
n38	15	20	519000	100@0	DFT_QAM256	18.820	18.900	PASS
n38	15	20	519000	106@0	CP_QPSK	18.980	19.980	PASS
n38	15	20	519000	106@0	CP_QAM16	18.980	19.980	PASS
n38	15	20	519000	106@0	CP_QAM64	18.980	19.980	PASS
n38	15	20	519000	106@0	CP_QAM256	18.990	19.990	PASS
n38	15	20	522000	100@0	DFT_BPSK	18.820	18.900	PASS
n38	15	20	522000	100@0	DFT_QPSK	18.810	18.930	PASS
n38	15	20	522000	100@0	DFT_QAM16	18.760	18.910	PASS

n38	15	20	522000	100@0	DFT_QAM64	18.820	18.910	PASS
n38	15	20	522000	100@0	DFT_QAM256	18.820	18.900	PASS
n38	15	20	522000	106@0	CP_QPSK	18.990	19.990	PASS
n38	15	20	522000	106@0	CP_QAM16	18.980	19.990	PASS
n38	15	20	522000	106@0	CP_QAM64	18.990	19.990	PASS
n38	15	20	522000	106@0	CP_QAM256	18.990	19.990	PASS
n38	15	40	518000	216@0	DFT_BPSK	38.640	40.690	PASS
n38	15	40	518000	216@0	DFT_QPSK	38.740	40.730	PASS
n38	15	40	518000	216@0	DFT_QAM16	38.720	40.720	PASS
n38	15	40	518000	216@0	DFT_QAM64	38.740	40.730	PASS
n38	15	40	518000	216@0	DFT_QAM256	38.730	40.720	PASS
n38	15	40	518000	216@0	CP_QPSK	38.730	40.740	PASS
n38	15	40	518000	216@0	CP_QAM16	38.740	40.730	PASS
n38	15	40	518000	216@0	CP_QAM64	38.740	40.740	PASS
n38	15	40	518000	216@0	CP_QAM256	38.750	40.740	PASS
n38	15	40	519000	216@0	DFT_BPSK	38.740	40.730	PASS
n38	15	40	519000	216@0	DFT_QPSK	38.730	40.730	PASS
n38	15	40	519000	216@0	DFT_QAM16	38.720	40.710	PASS
n38	15	40	519000	216@0	DFT_QAM64	38.730	40.710	PASS
n38	15	40	519000	216@0	DFT_QAM256	38.730	40.710	PASS
n38	15	40	519000	216@0	CP_QPSK	38.740	40.740	PASS
n38	15	40	519000	216@0	CP_QAM16	38.740	40.740	PASS
n38	15	40	519000	216@0	CP_QAM64	38.730	40.730	PASS
n38	15	40	519000	216@0	CP_QAM256	38.740	40.740	PASS
n38	15	40	520000	216@0	DFT_BPSK	38.750	40.730	PASS
n38	15	40	520000	216@0	DFT_QPSK	38.740	40.730	PASS
n38	15	40	520000	216@0	DFT_QAM16	38.740	40.730	PASS
n38	15	40	520000	216@0	DFT_QAM64	38.750	40.740	PASS
n38	15	40	520000	216@0	DFT_QAM256	38.750	40.730	PASS
n38	15	40	520000	216@0	CP_QPSK	38.750	40.740	PASS
n38	15	40	520000	216@0	CP_QAM16	38.750	40.740	PASS
n38	15	40	520000	216@0	CP_QAM64	38.740	40.720	PASS
n38	15	40	520000	216@0	CP_QAM256	38.750	40.740	PASS

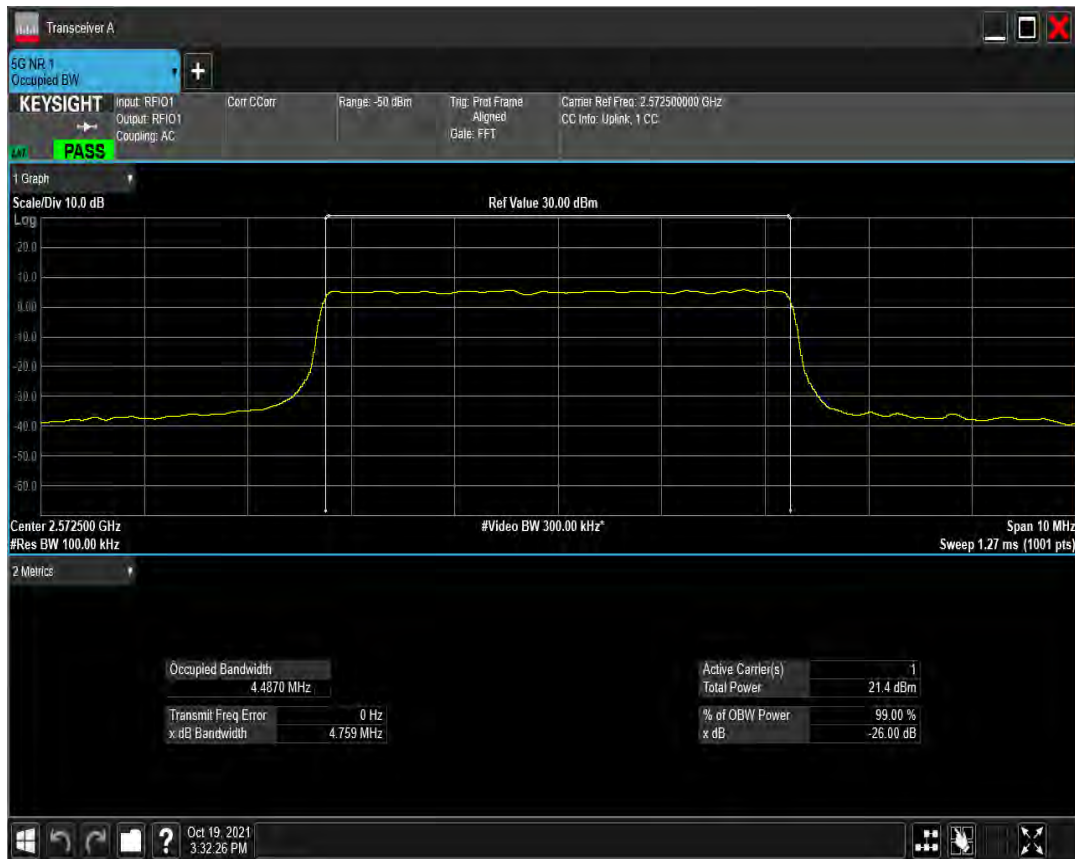
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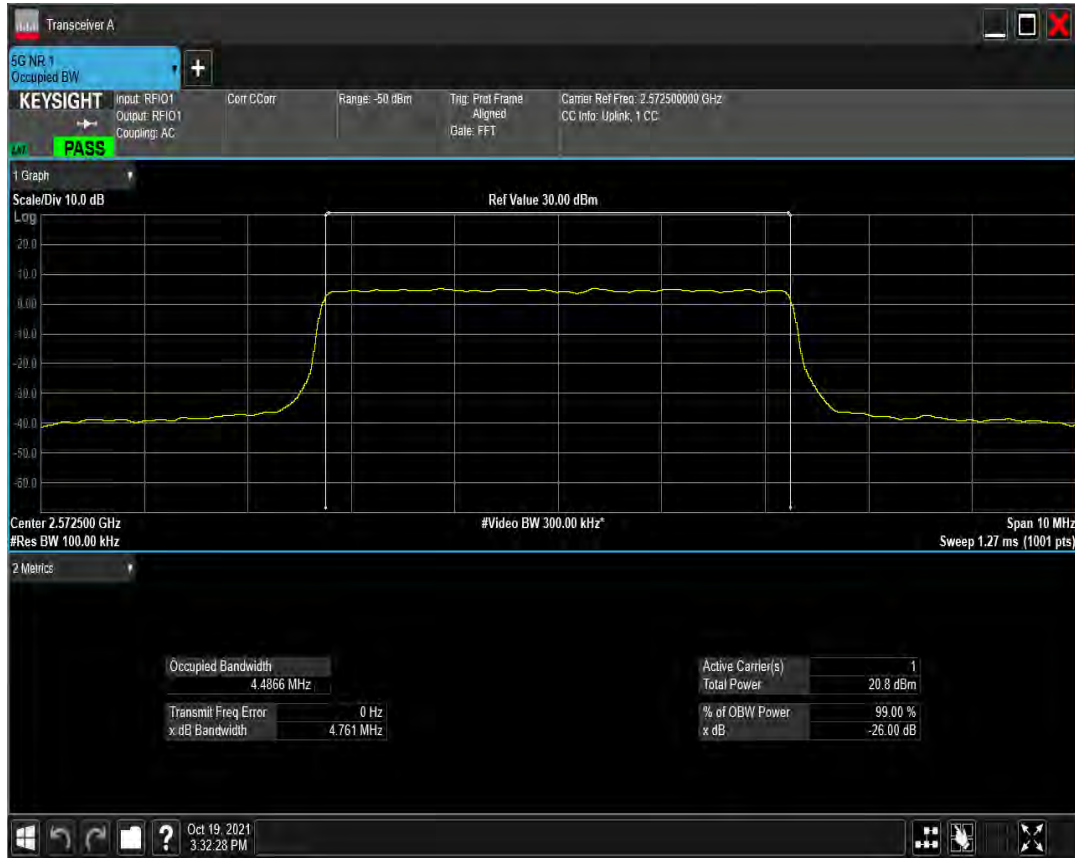
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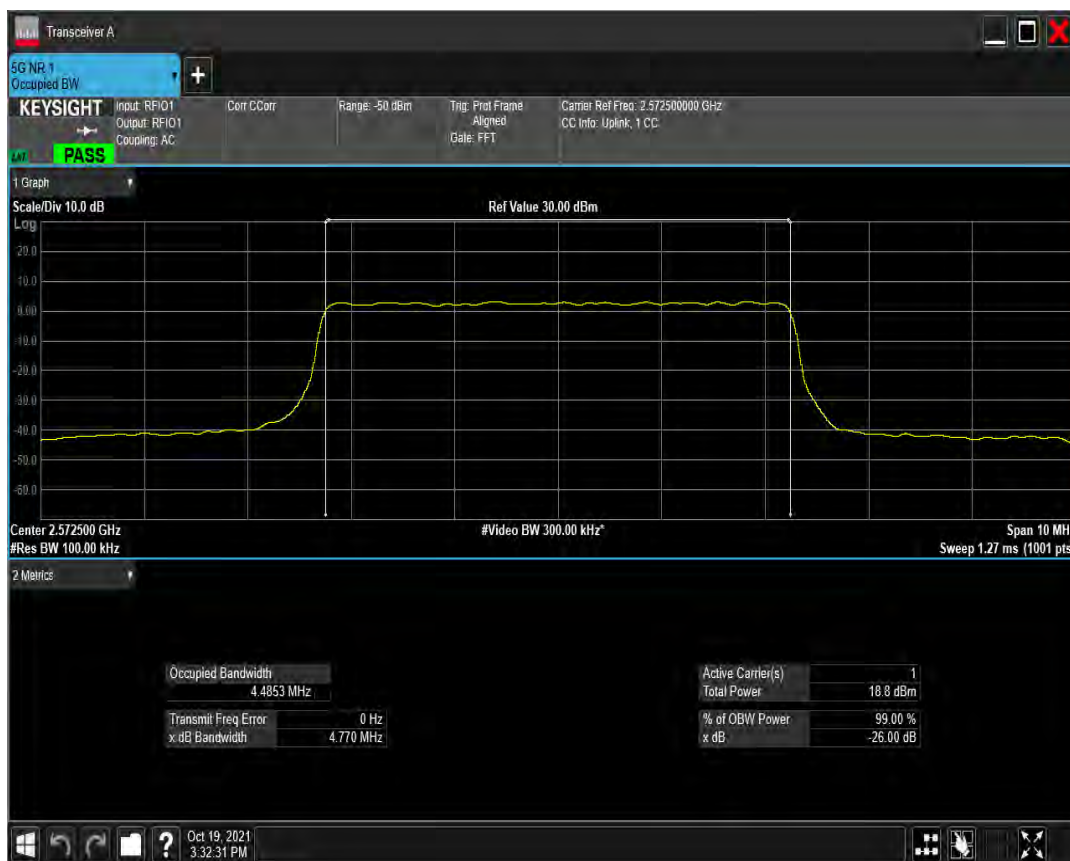
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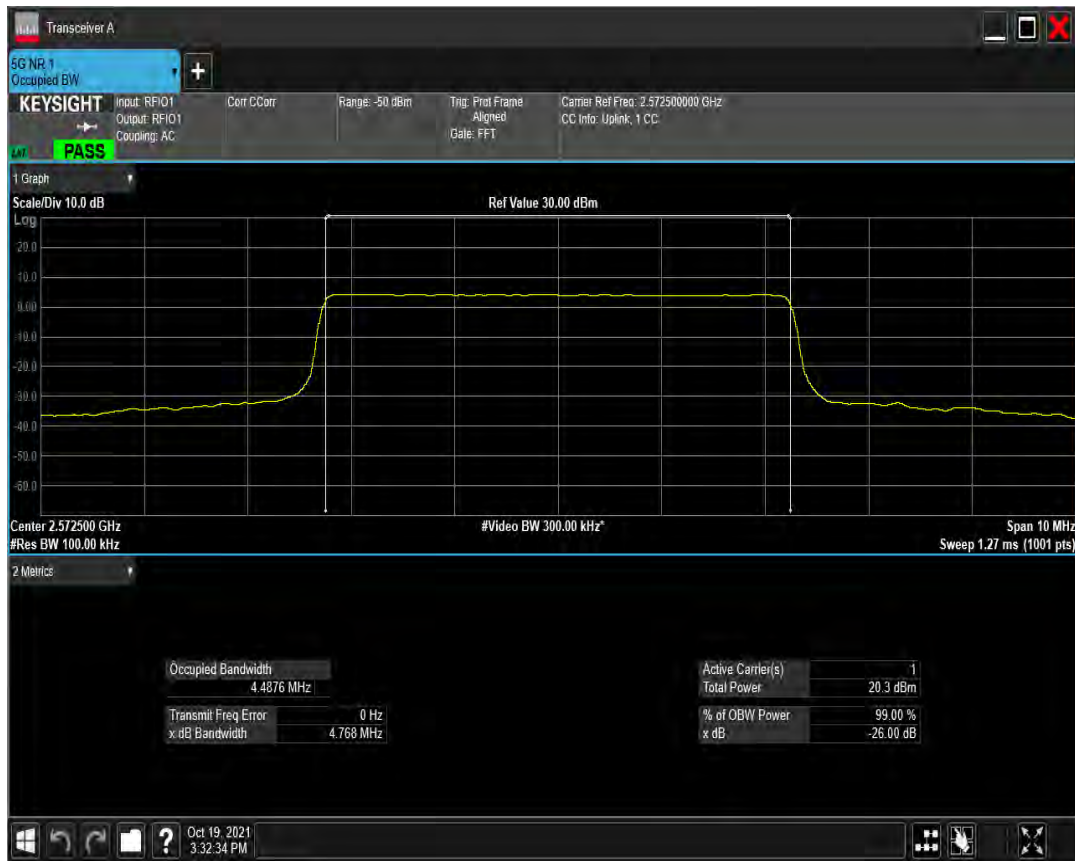
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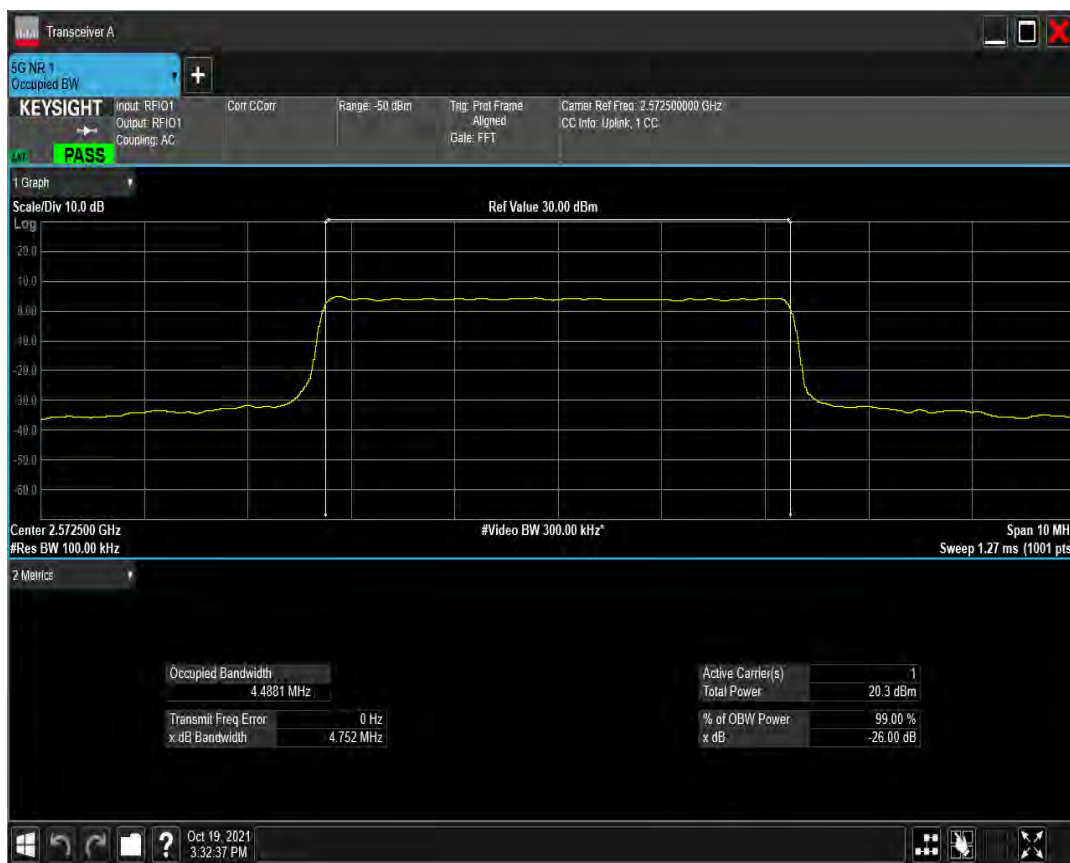
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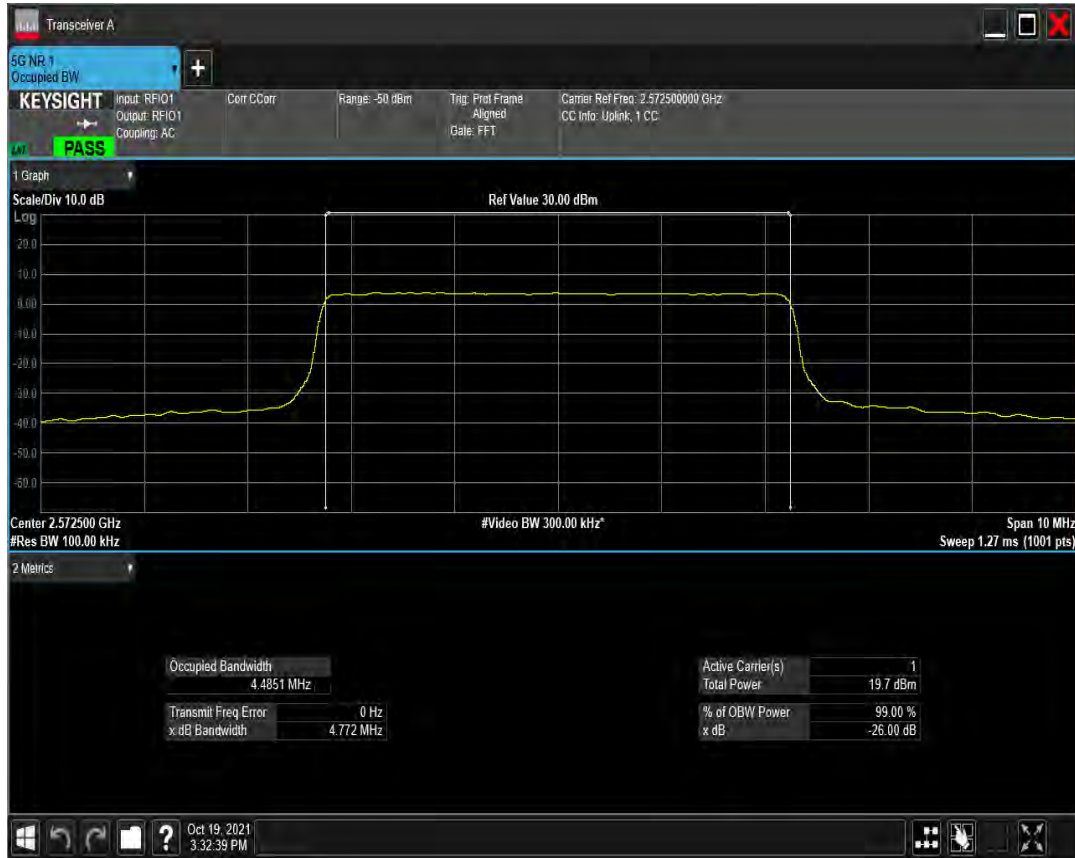
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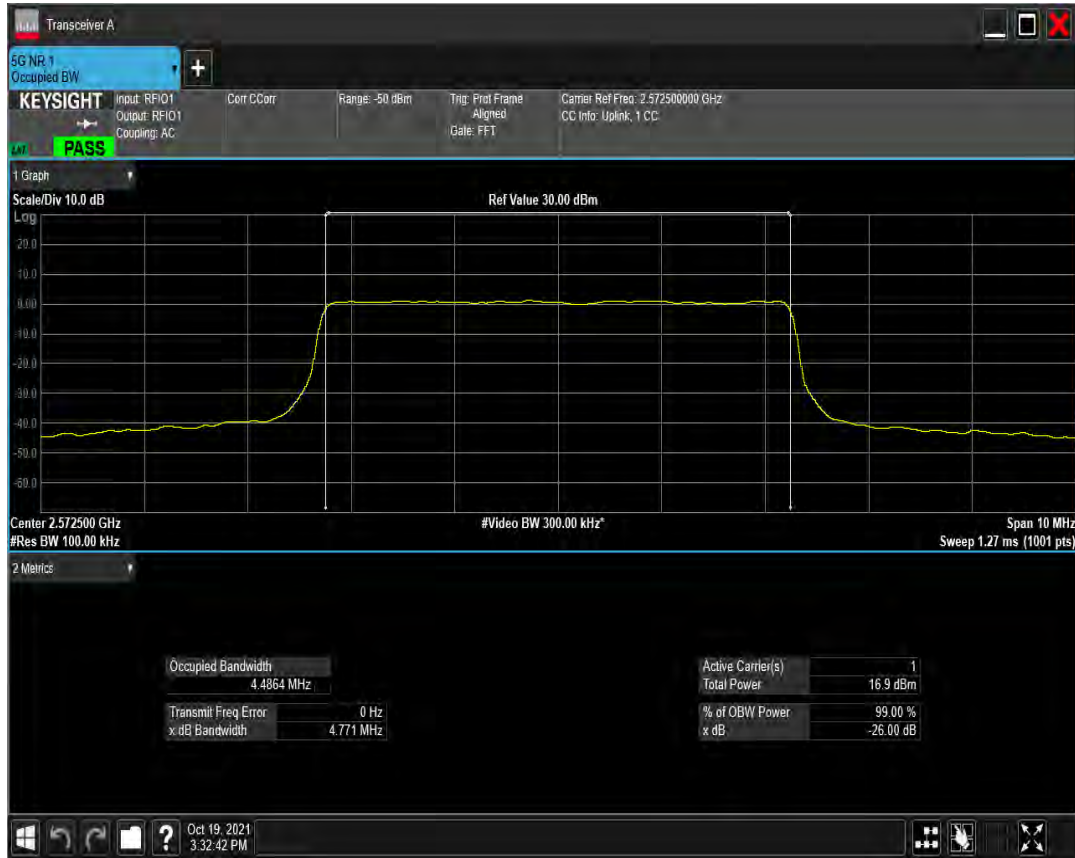
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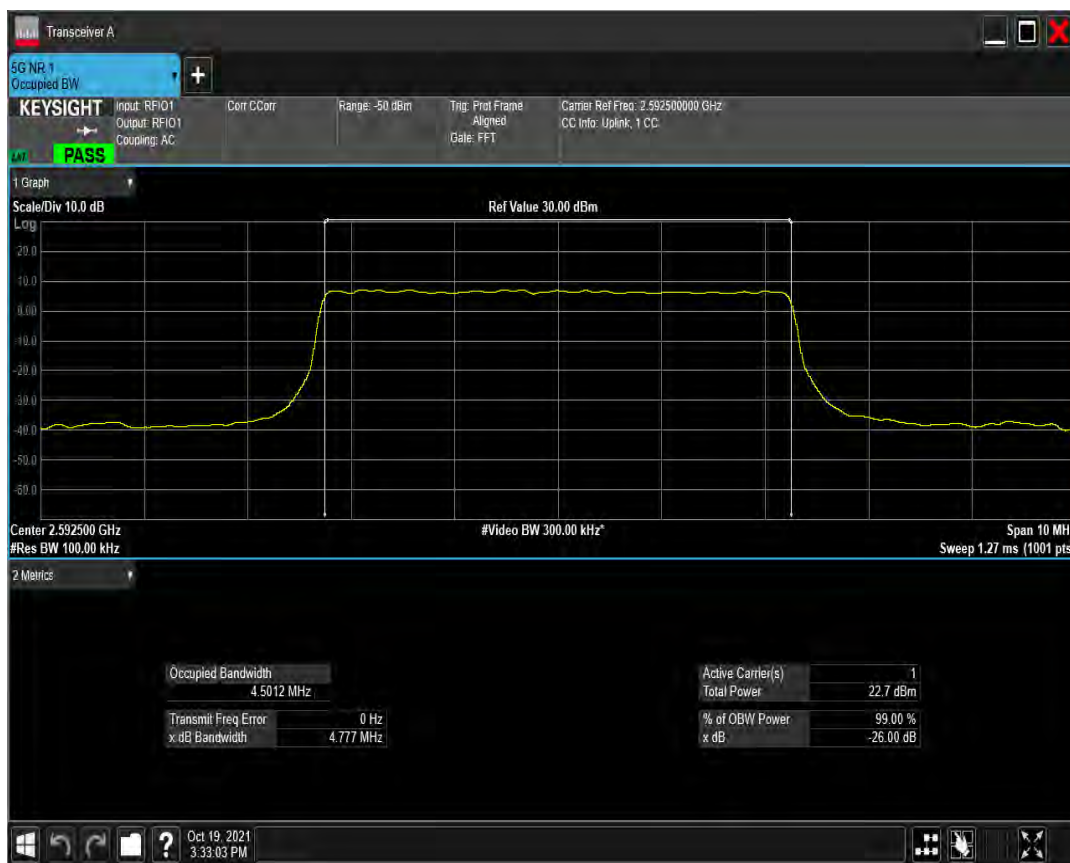
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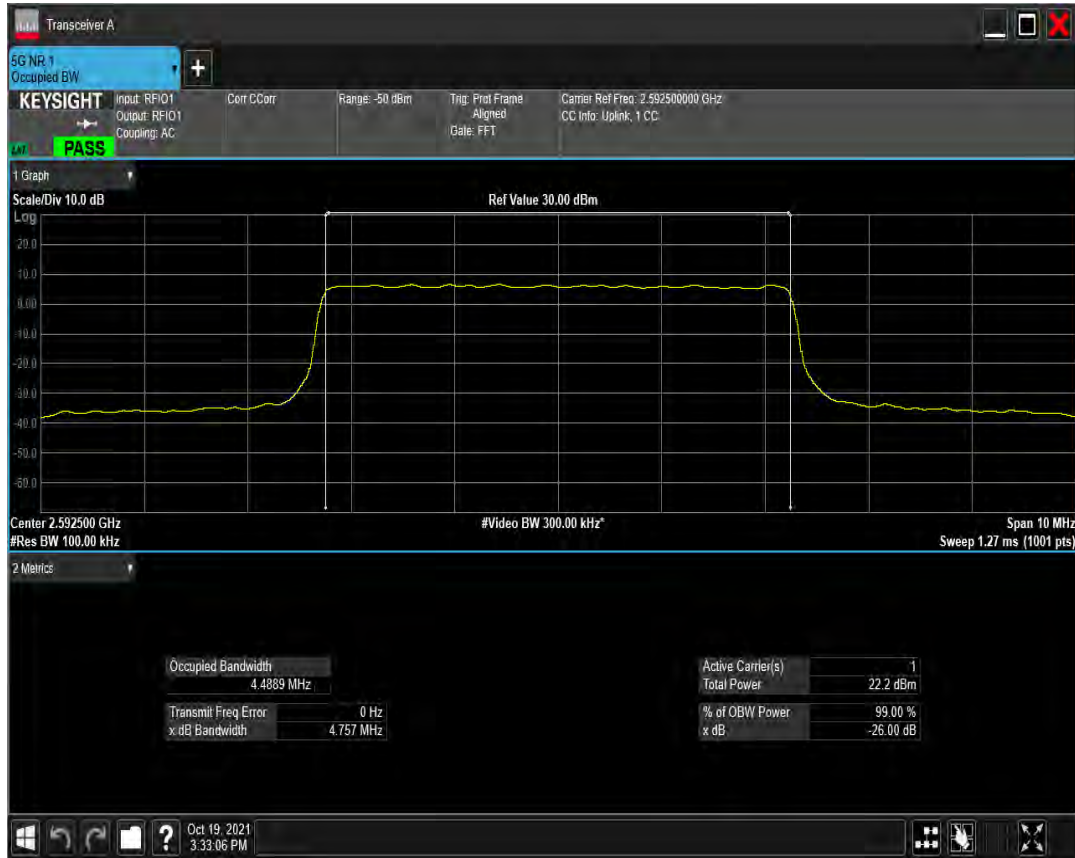
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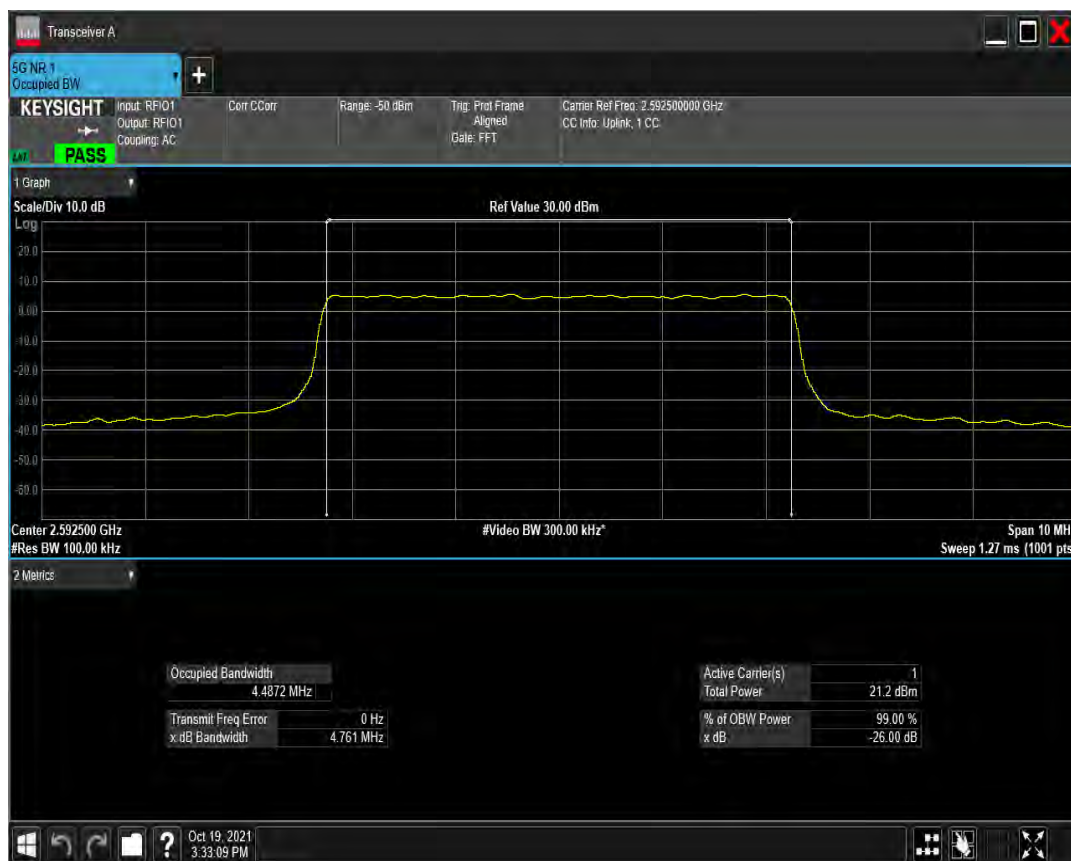
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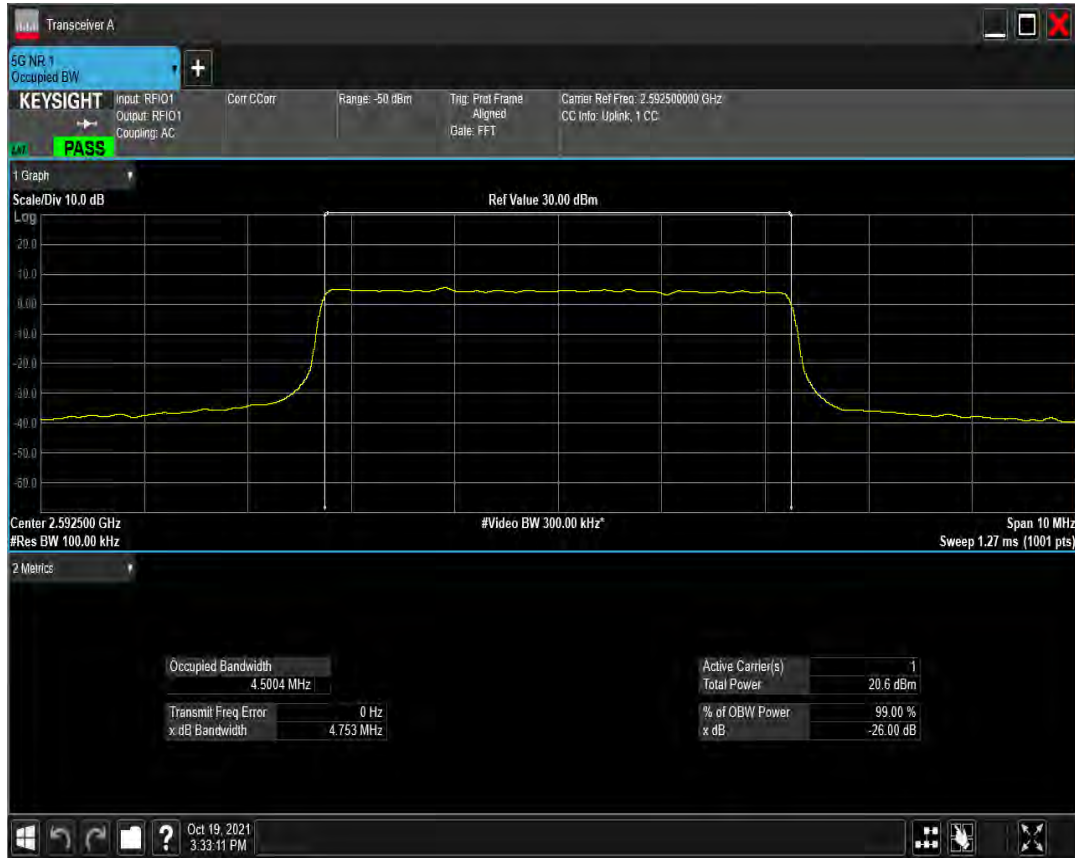
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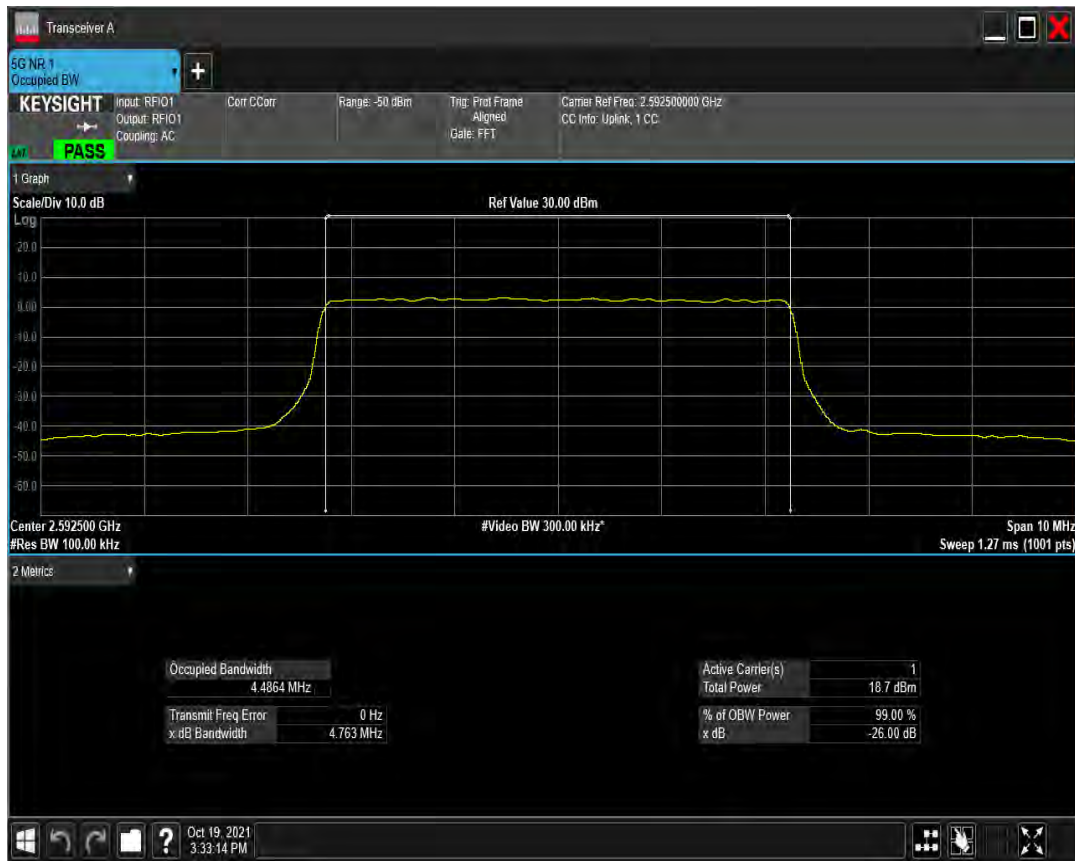
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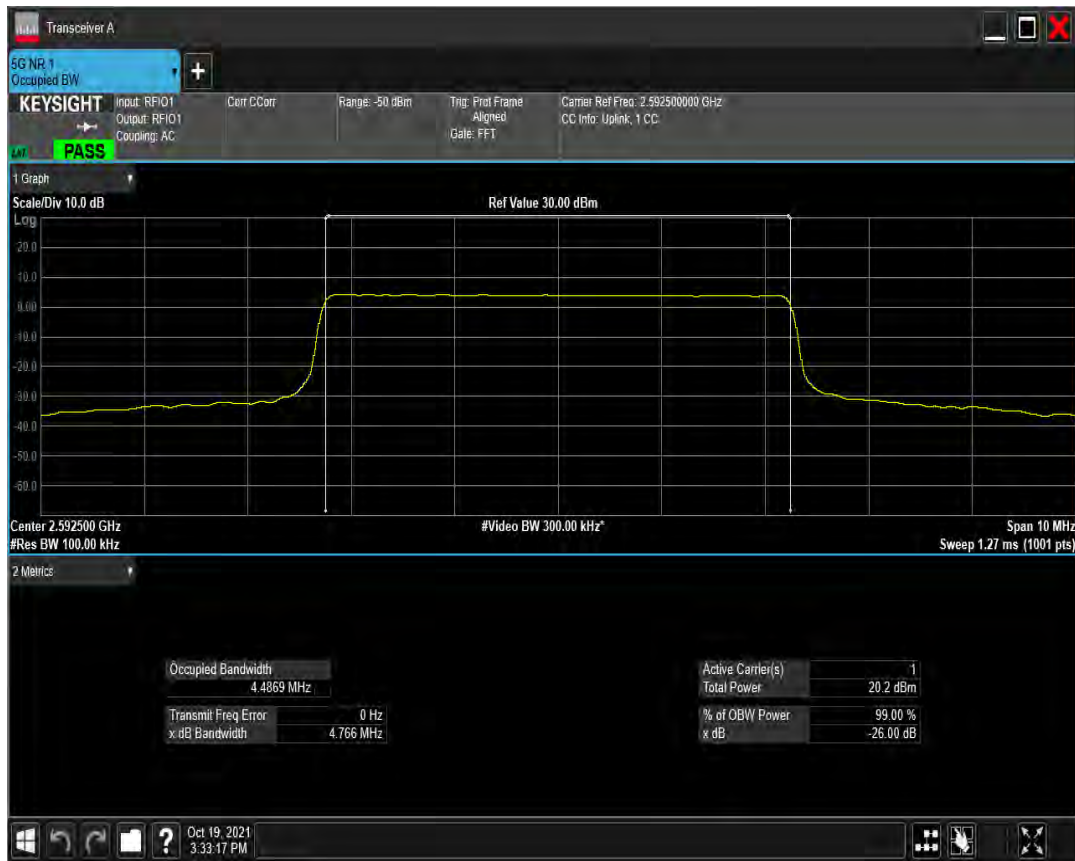
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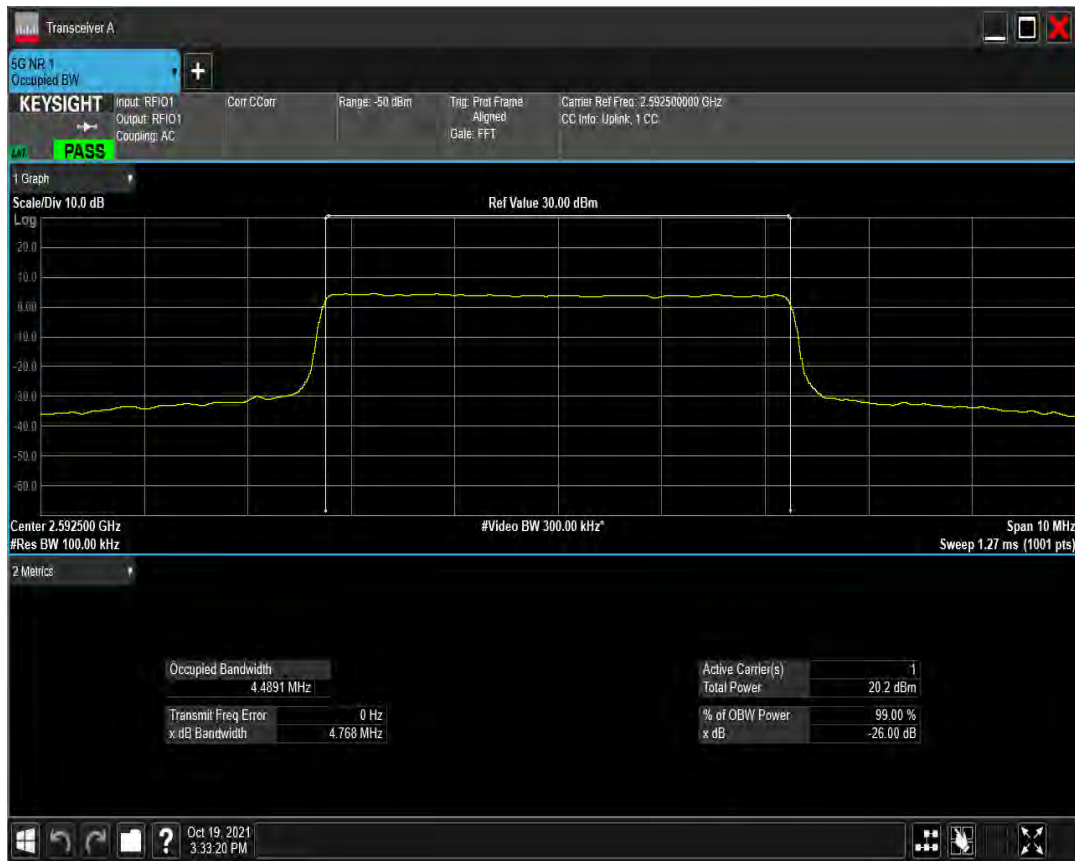
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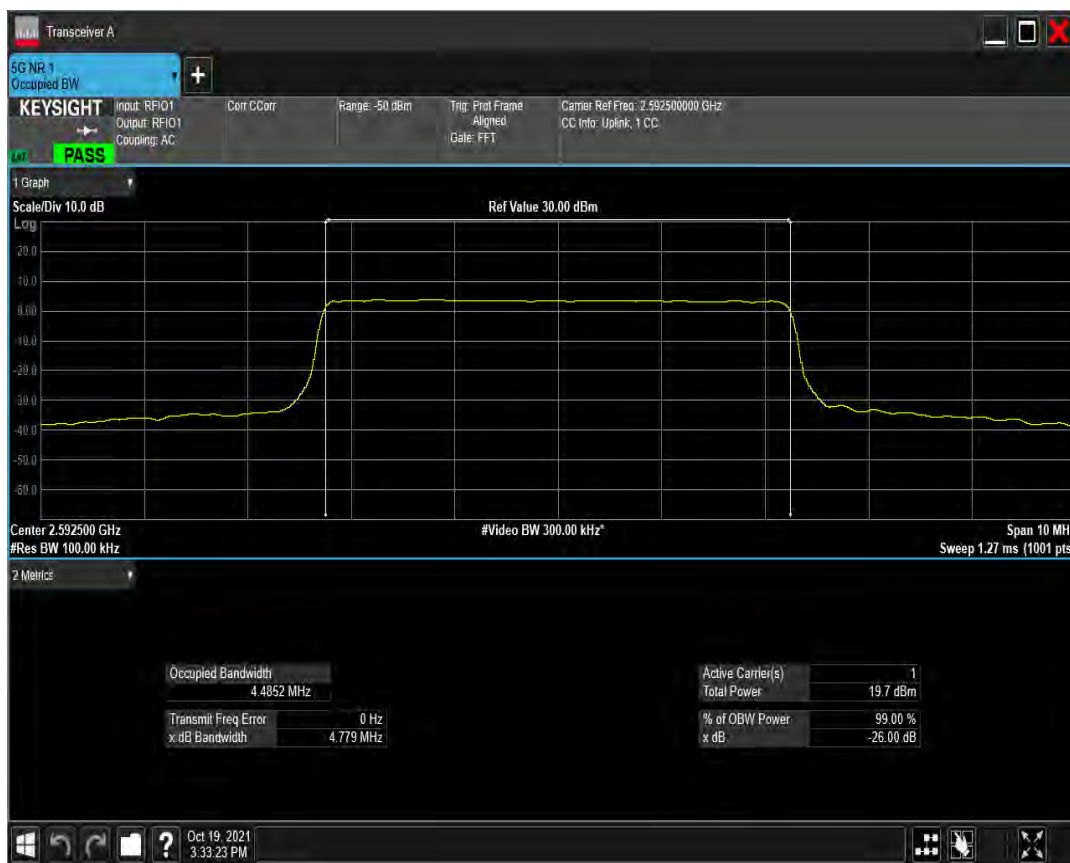
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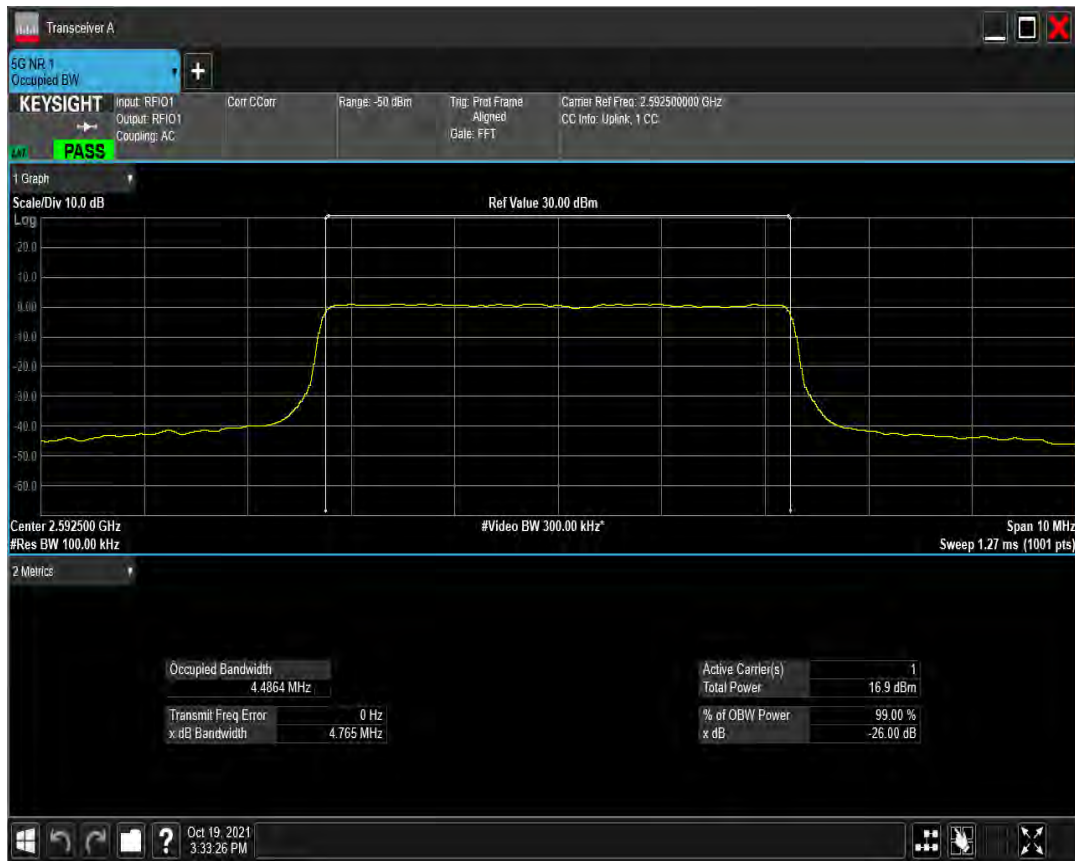
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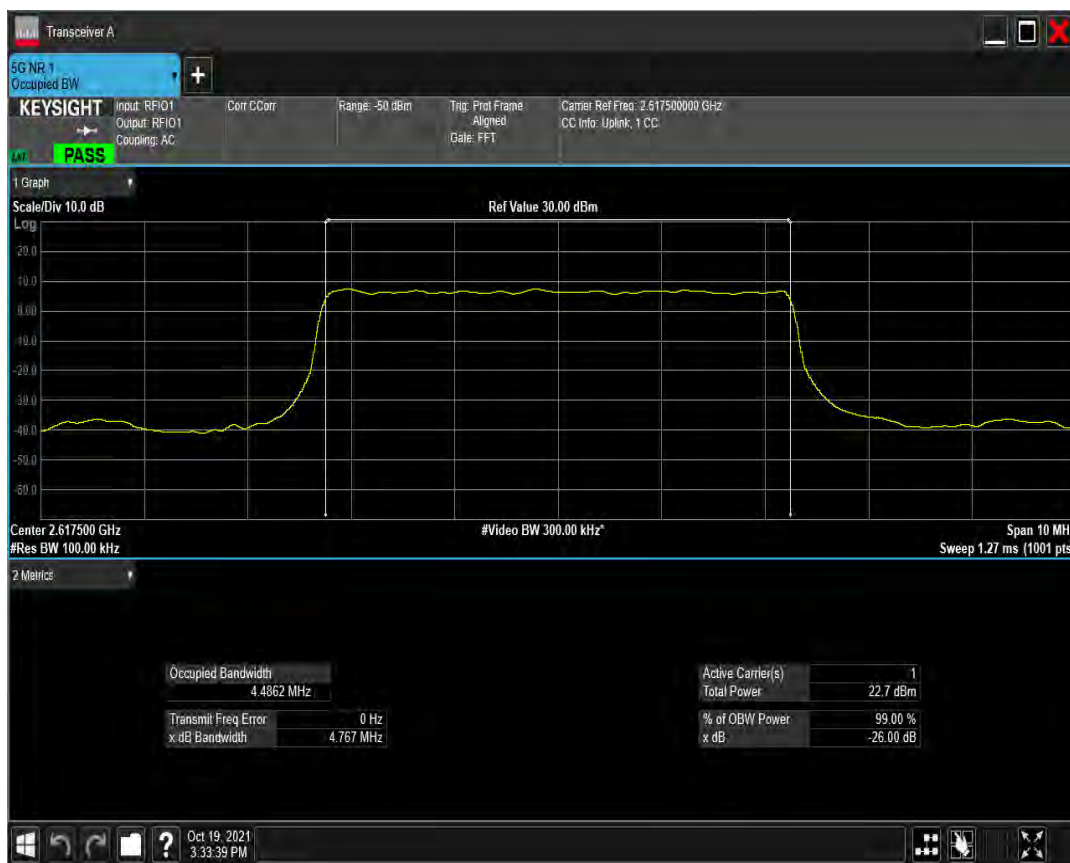
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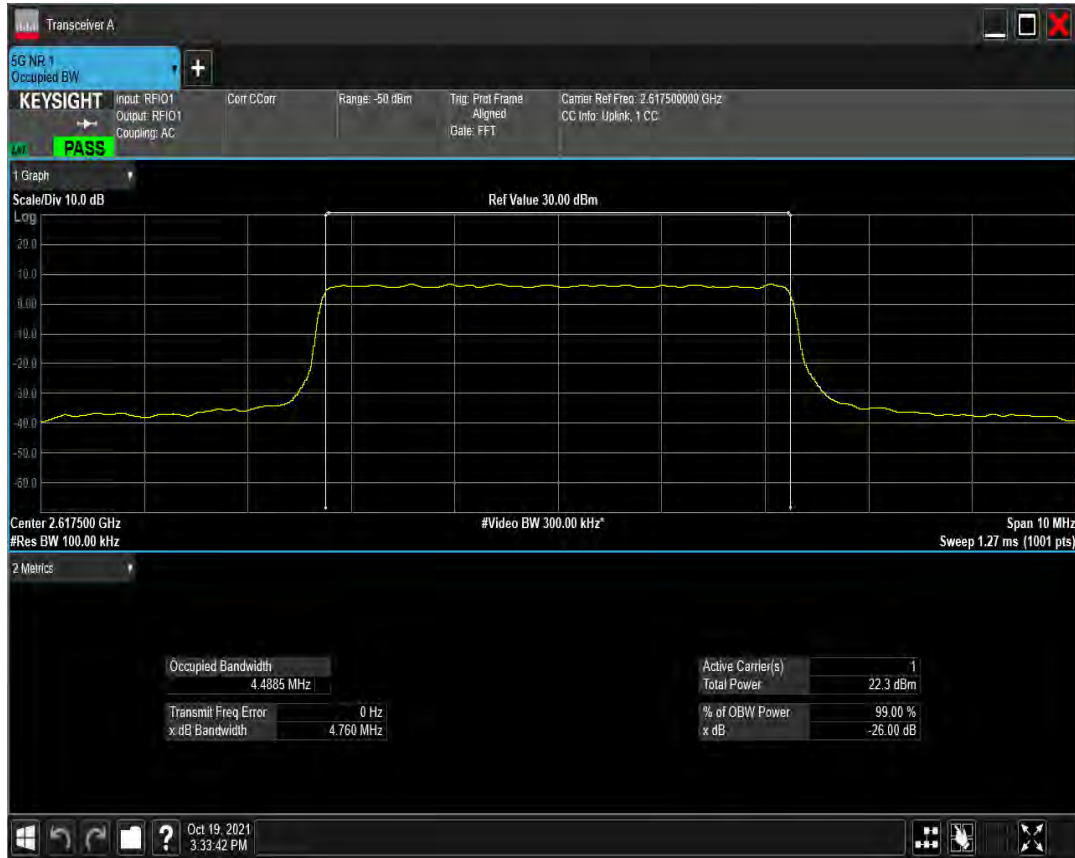
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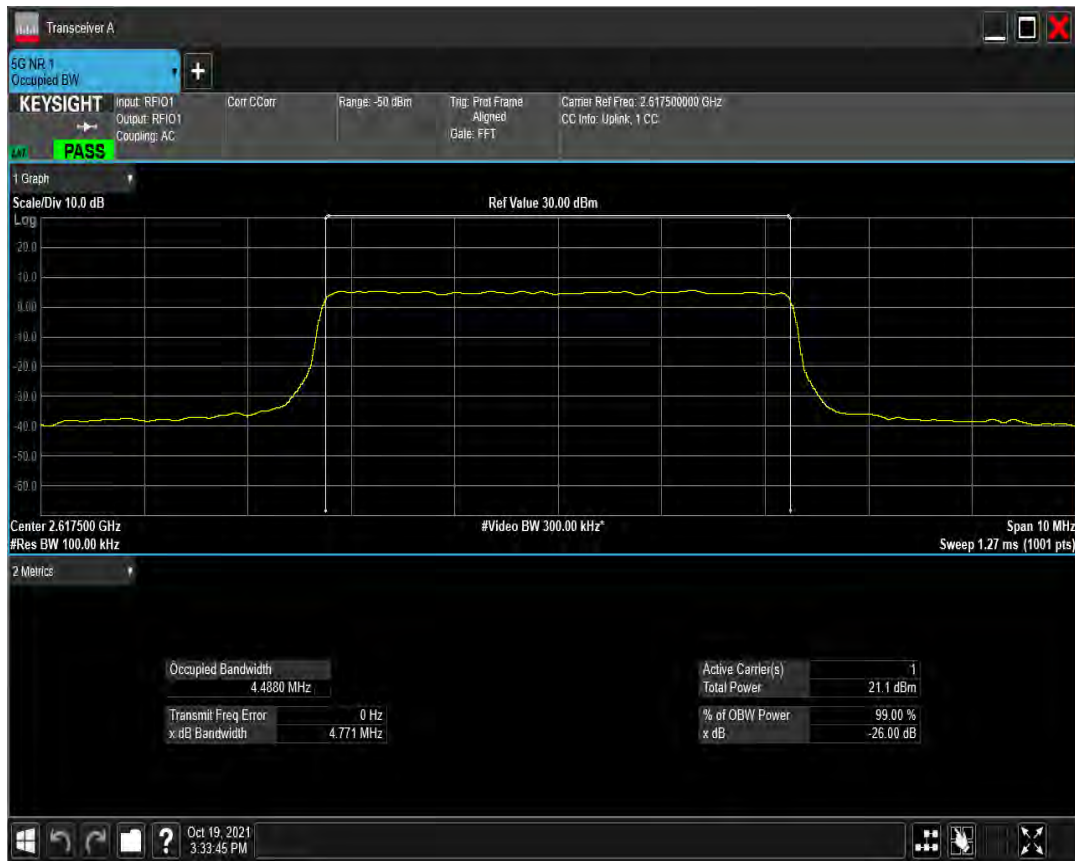
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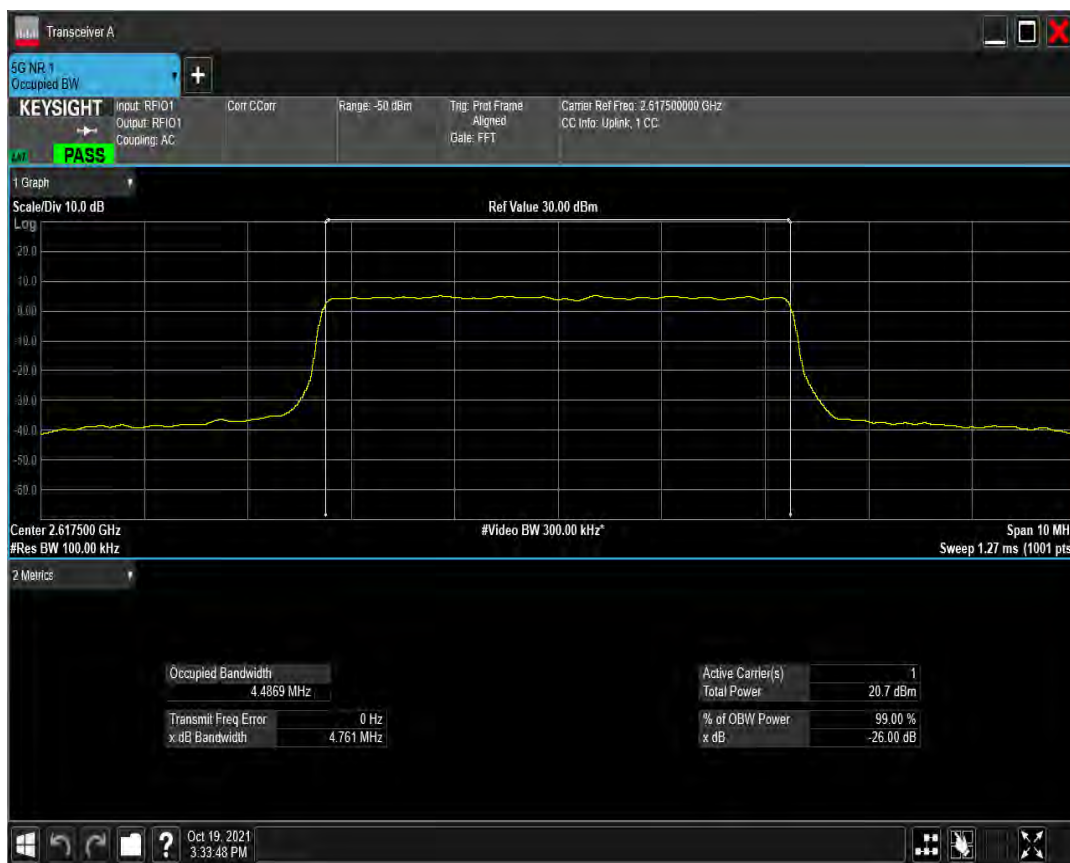
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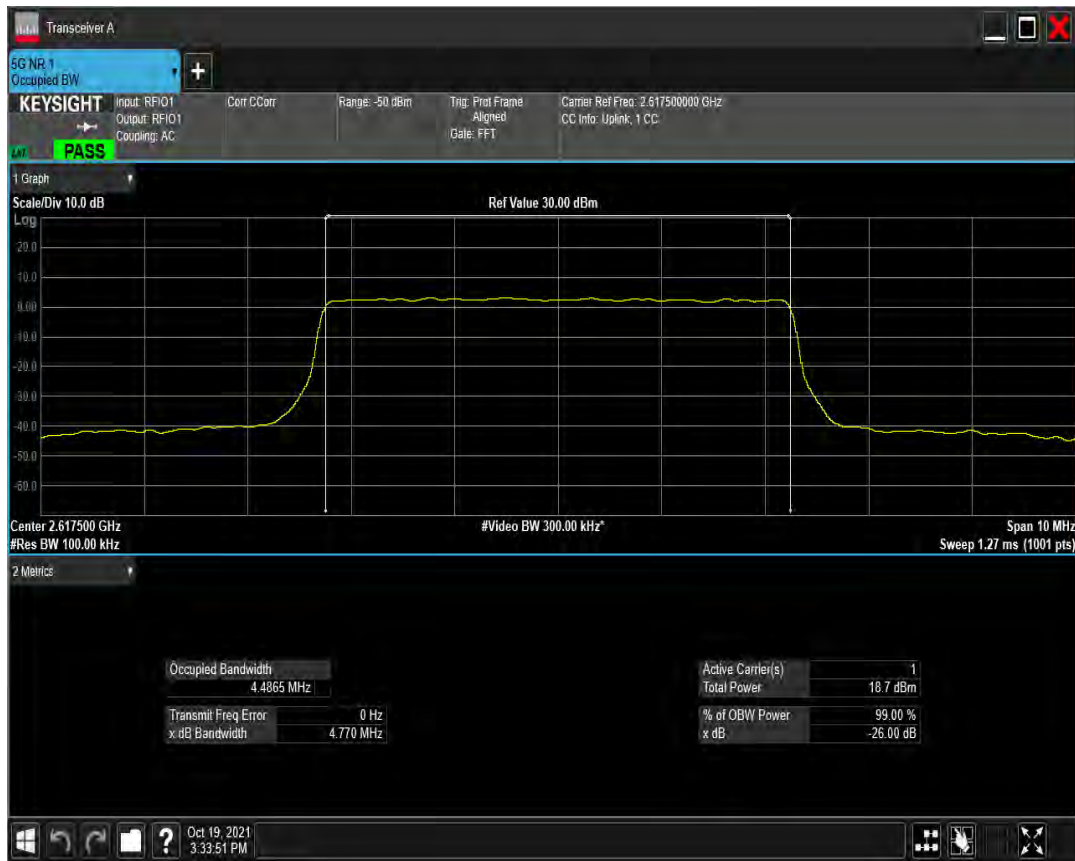
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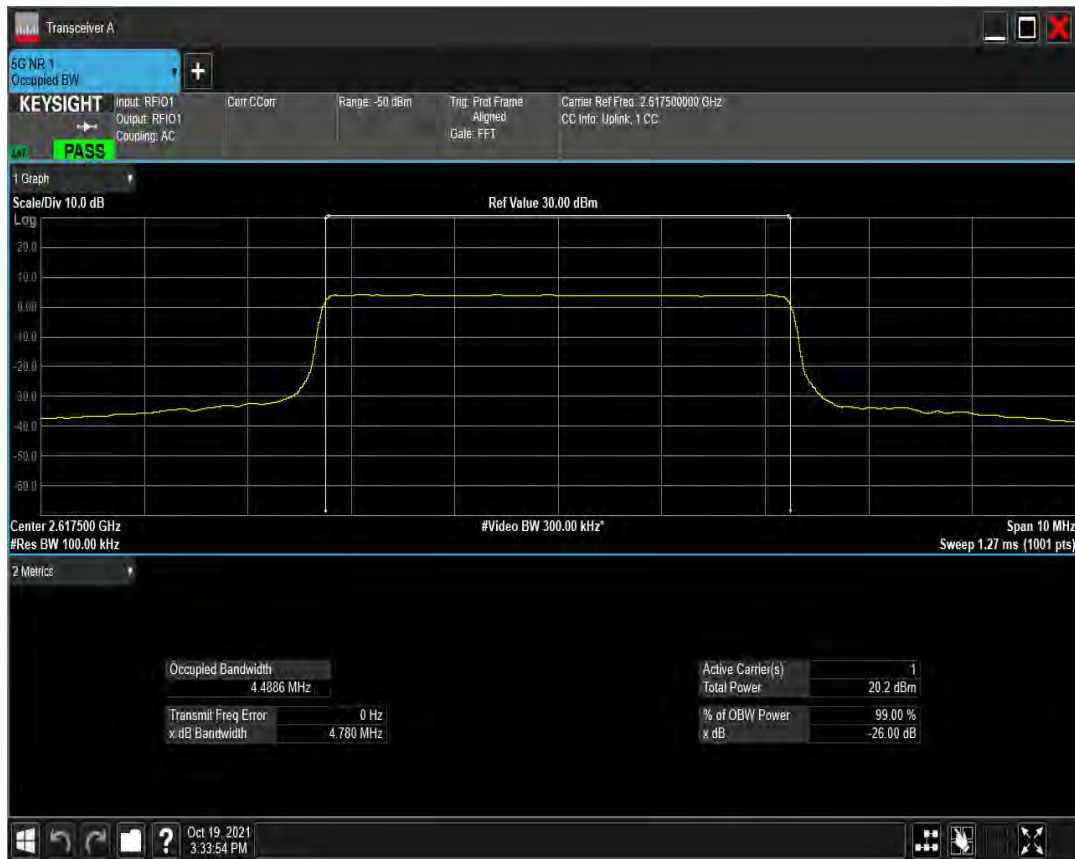
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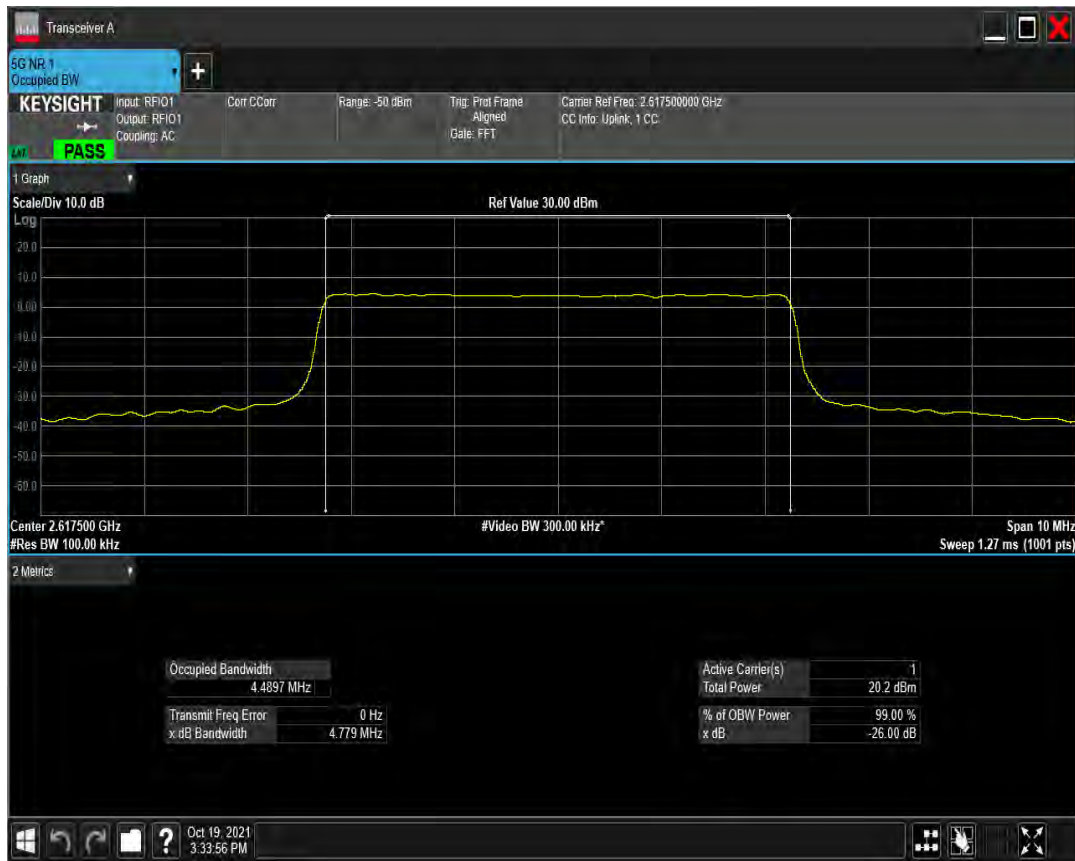
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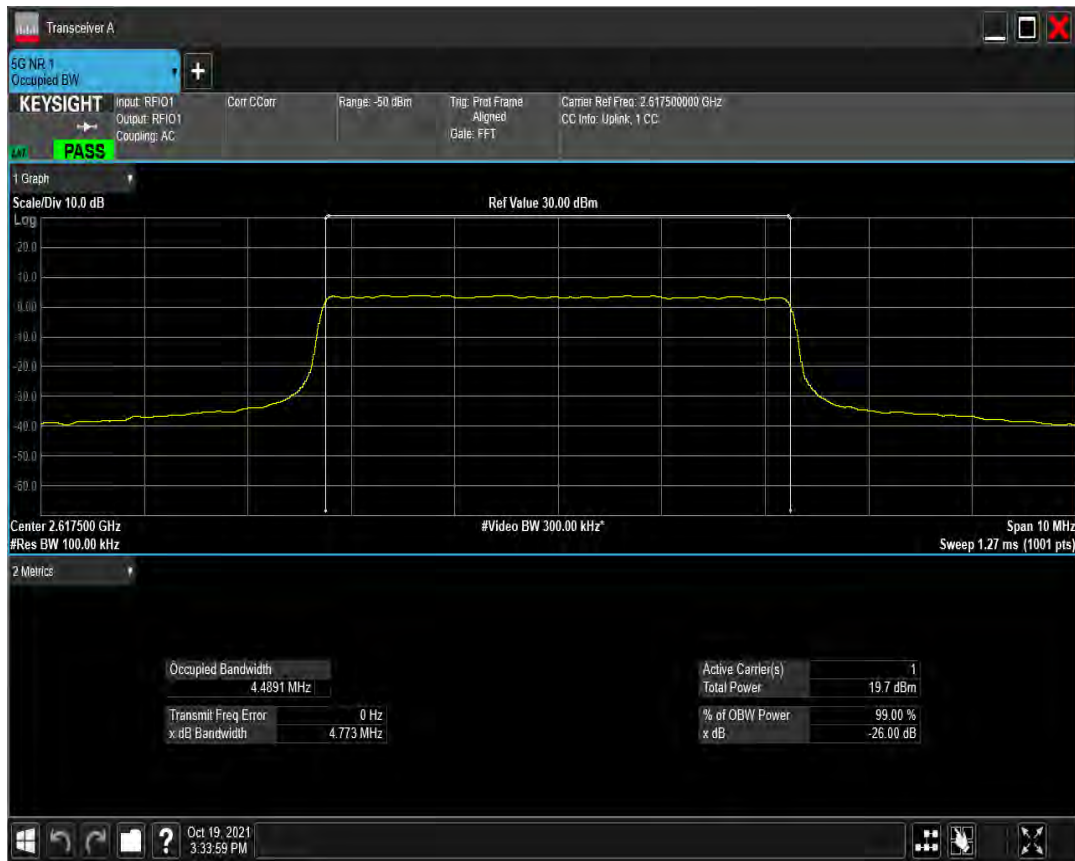
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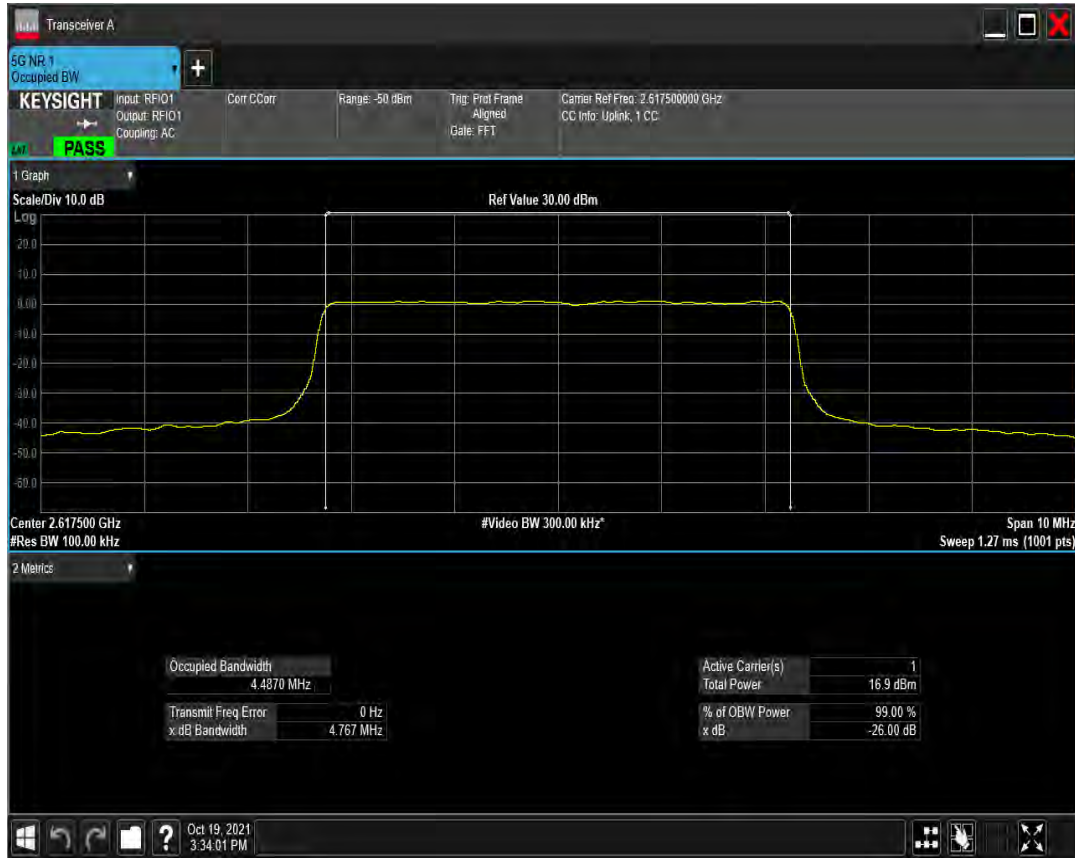
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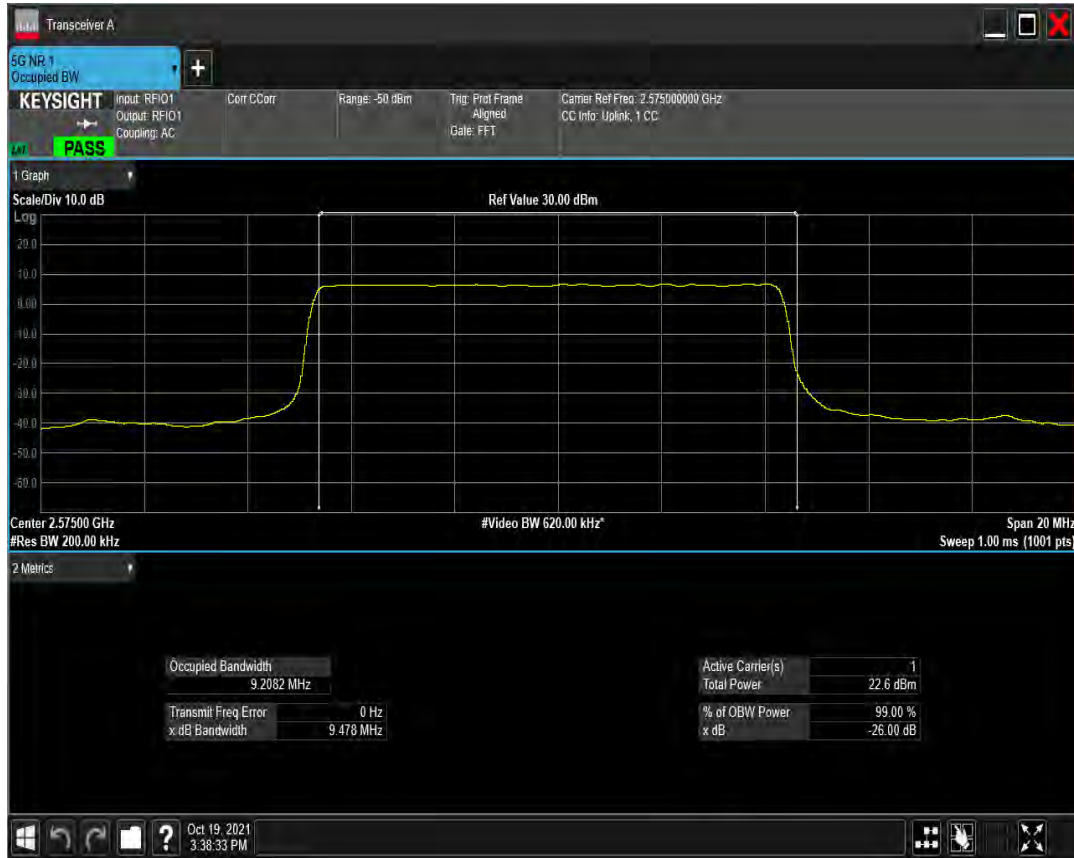
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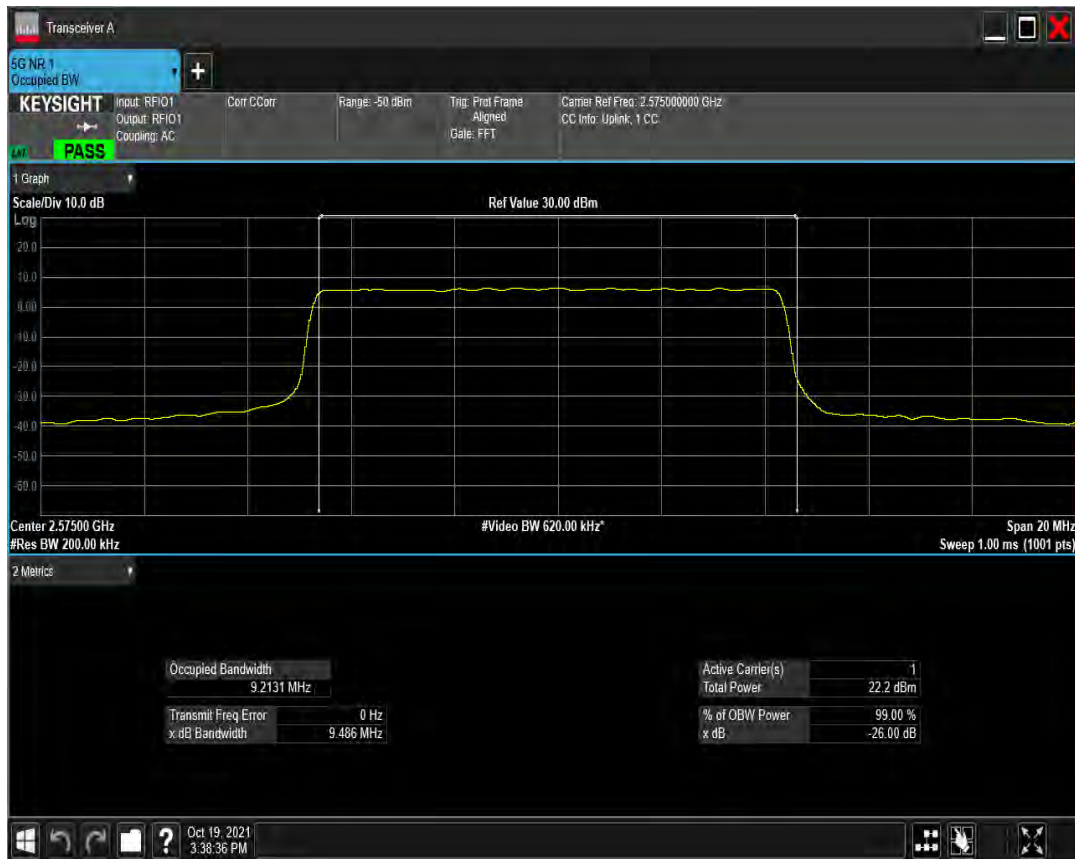
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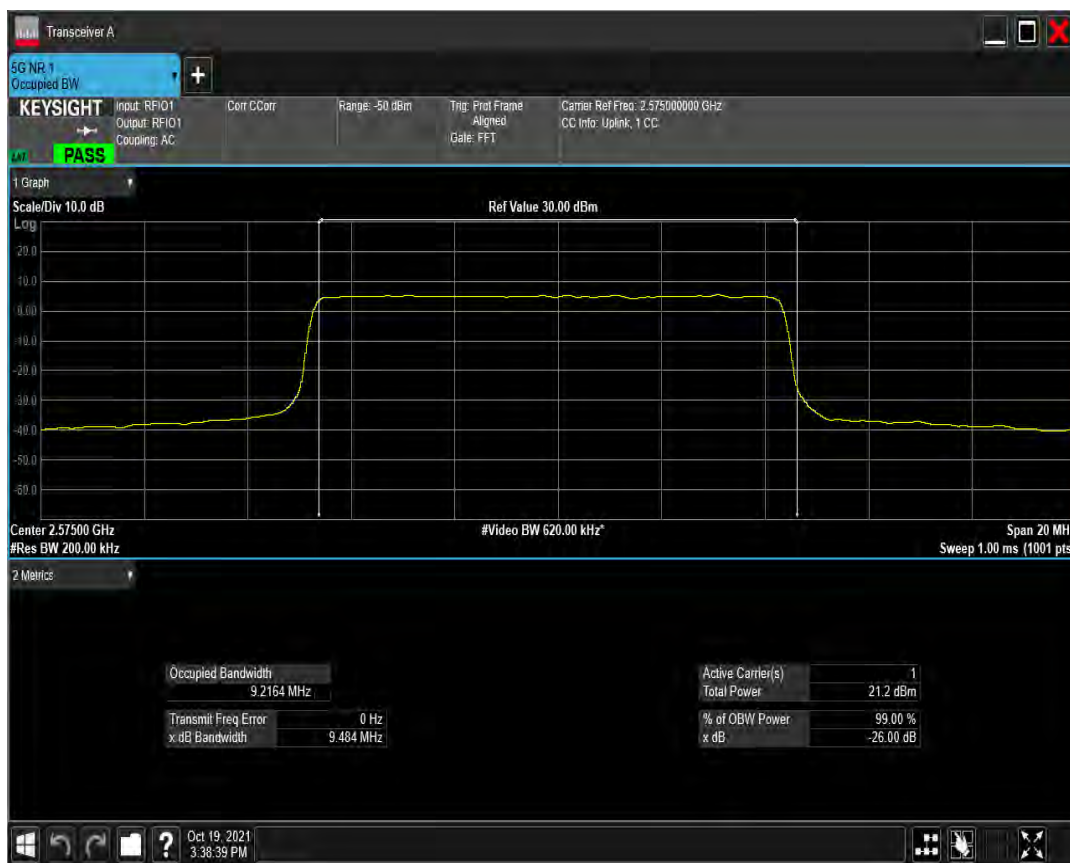
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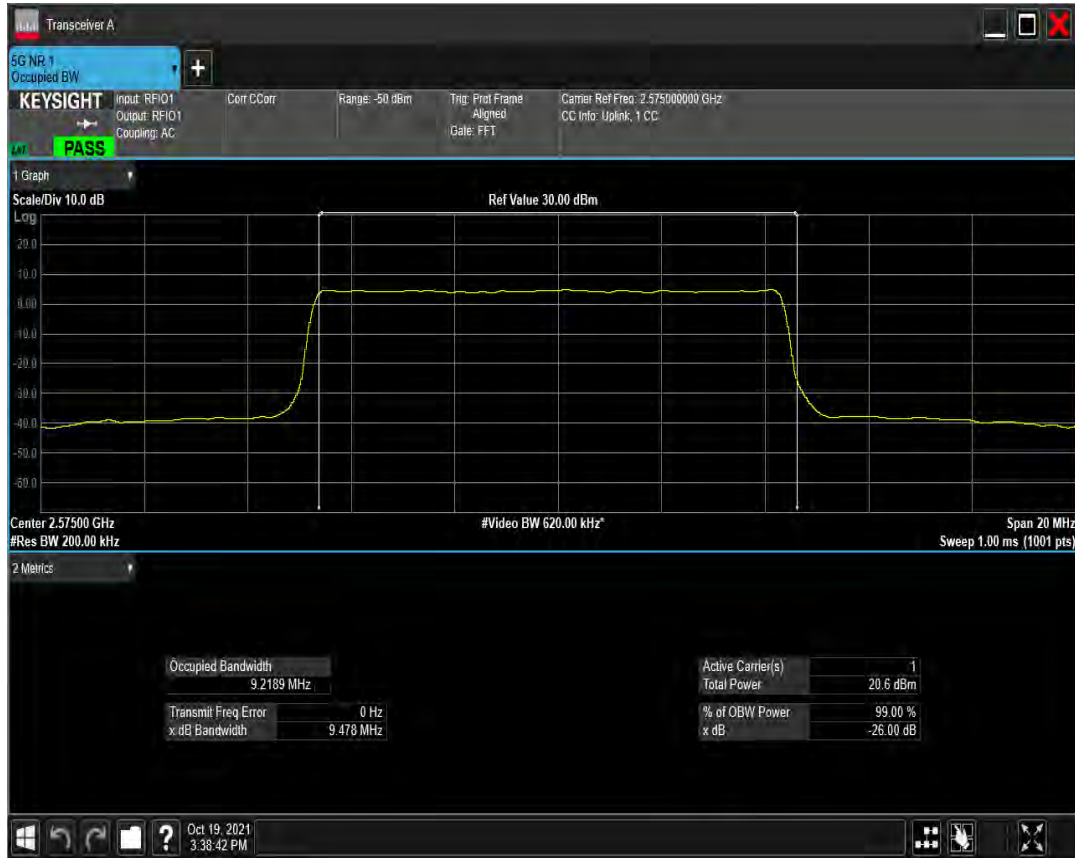
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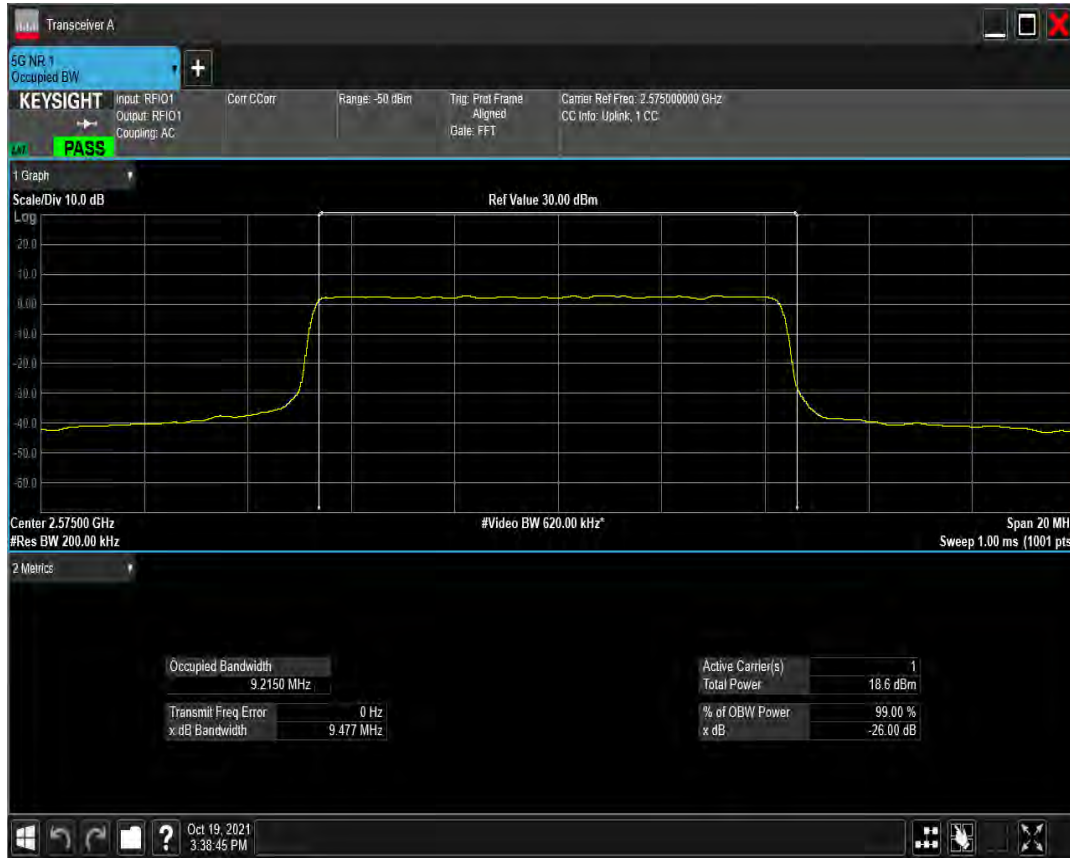
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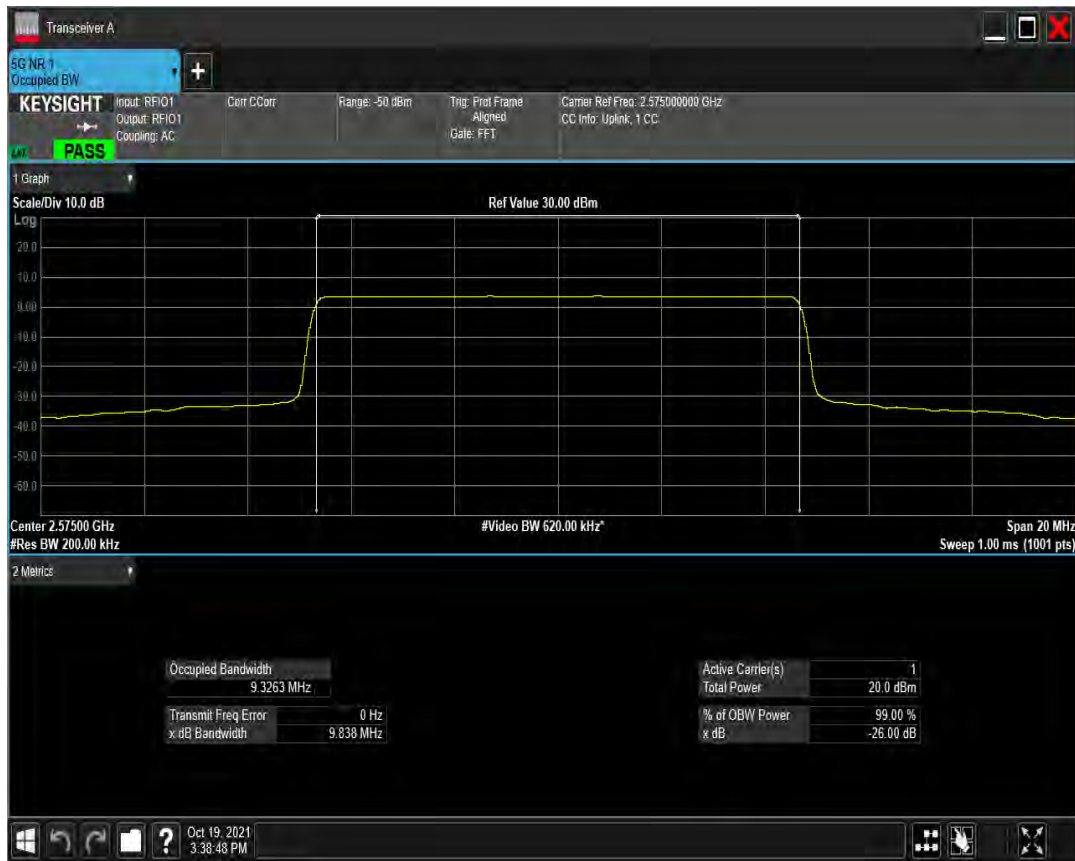
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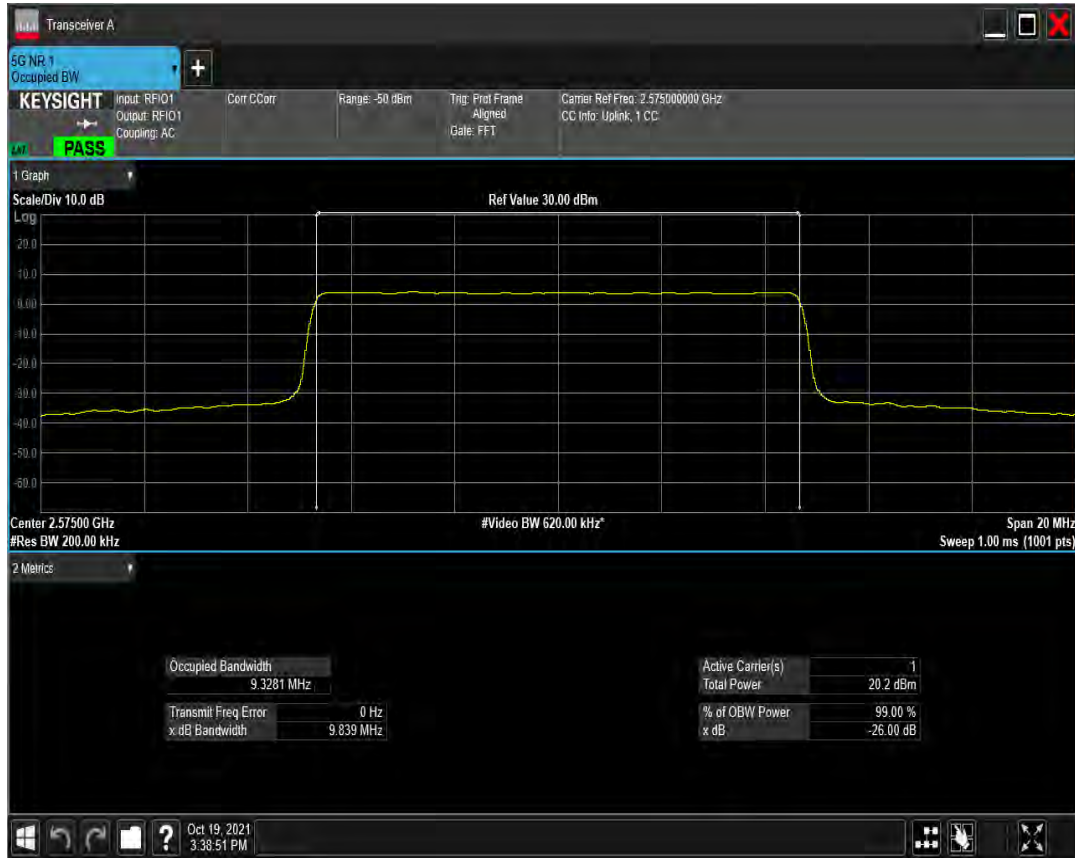
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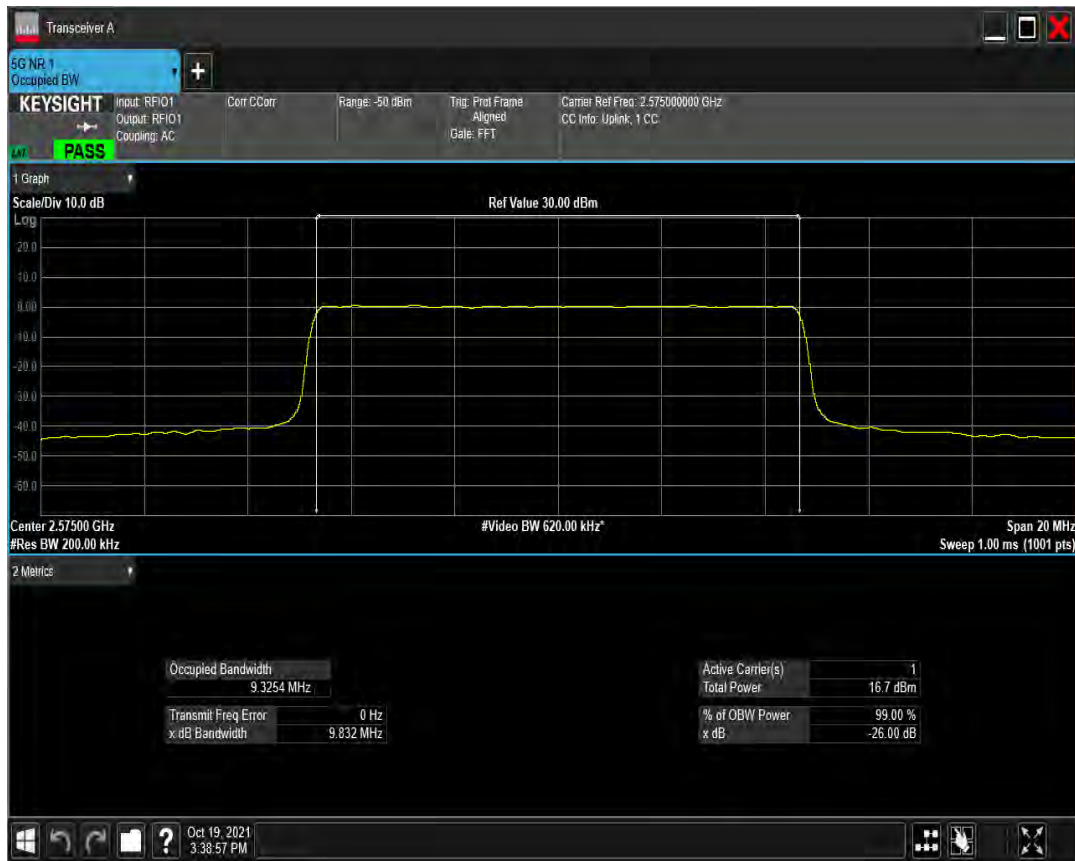
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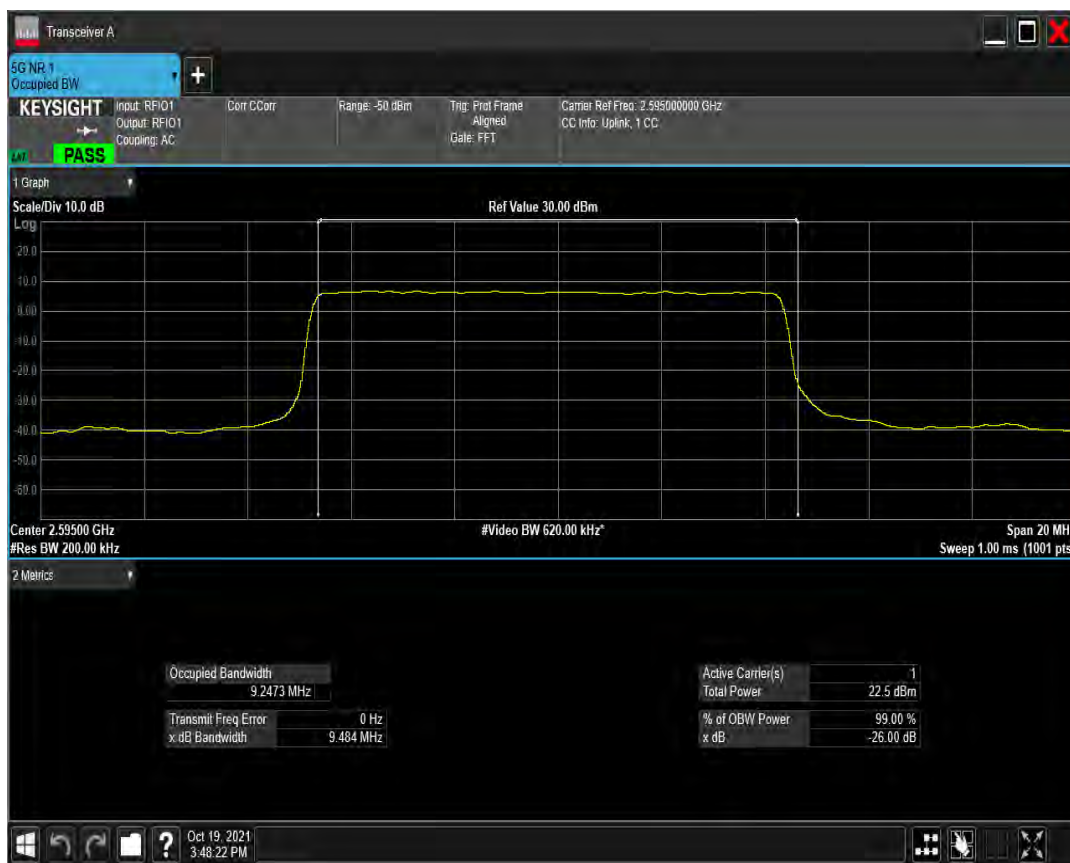
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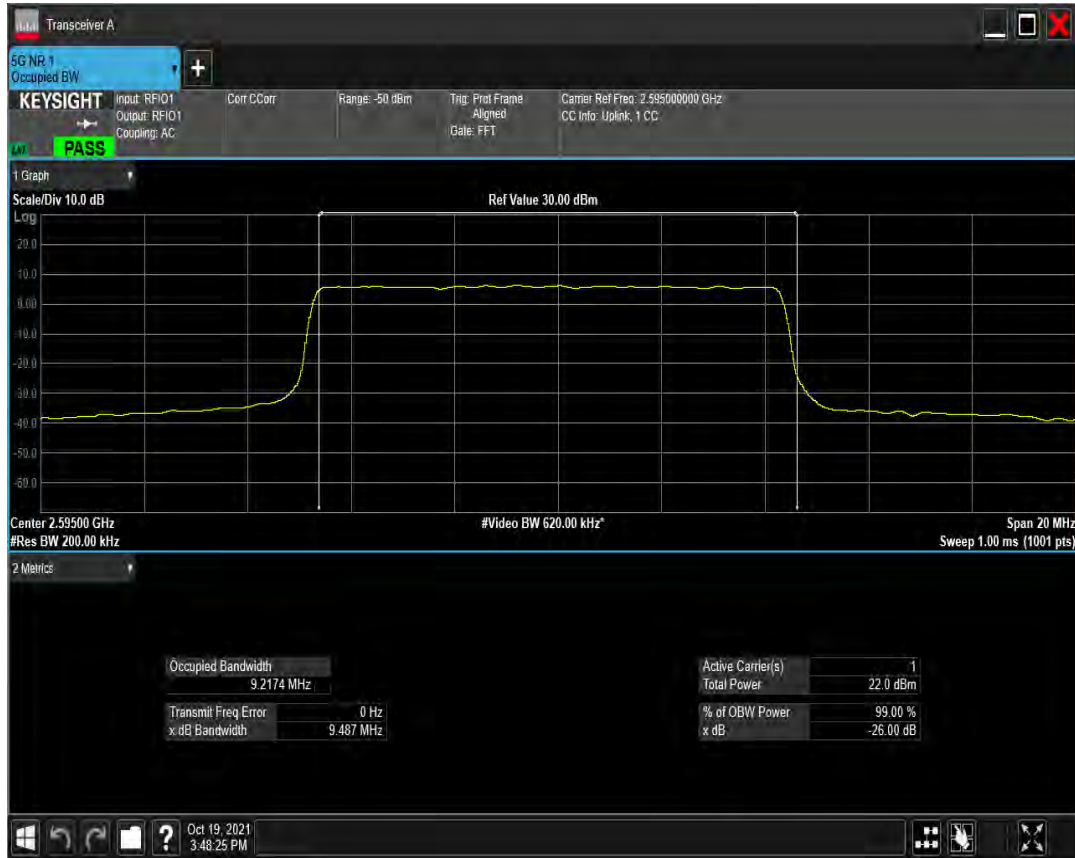
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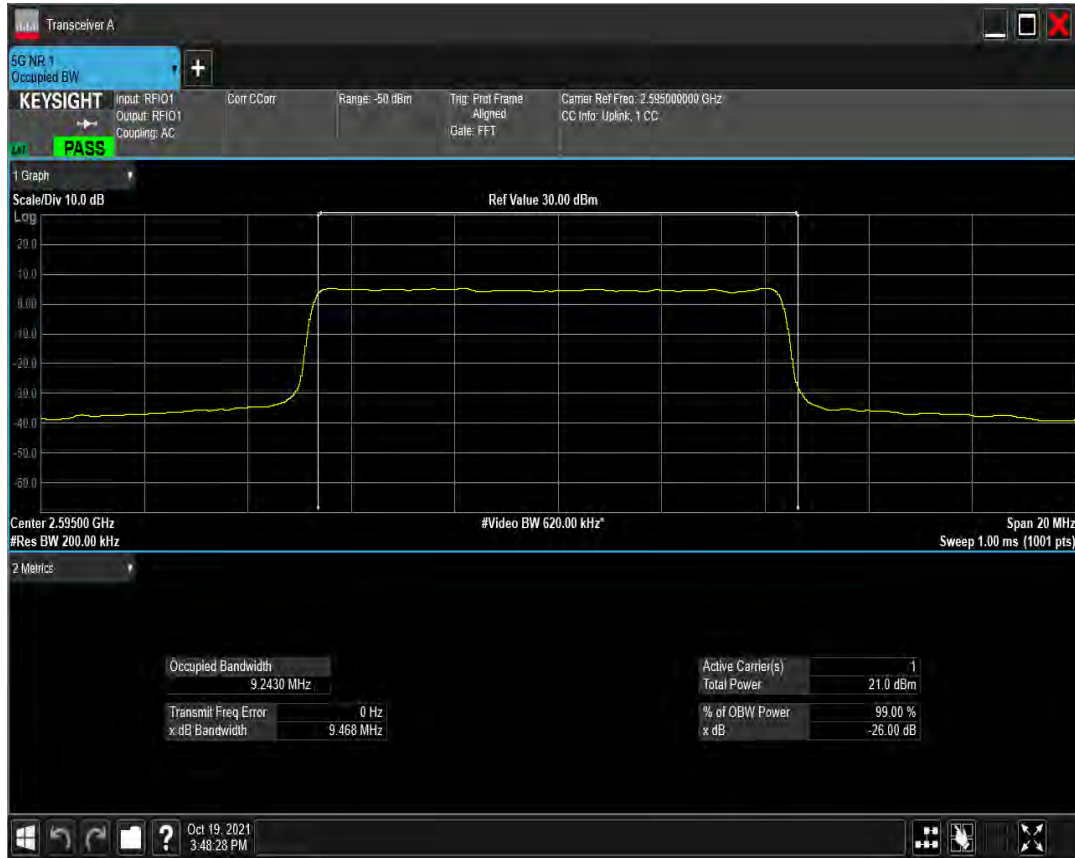
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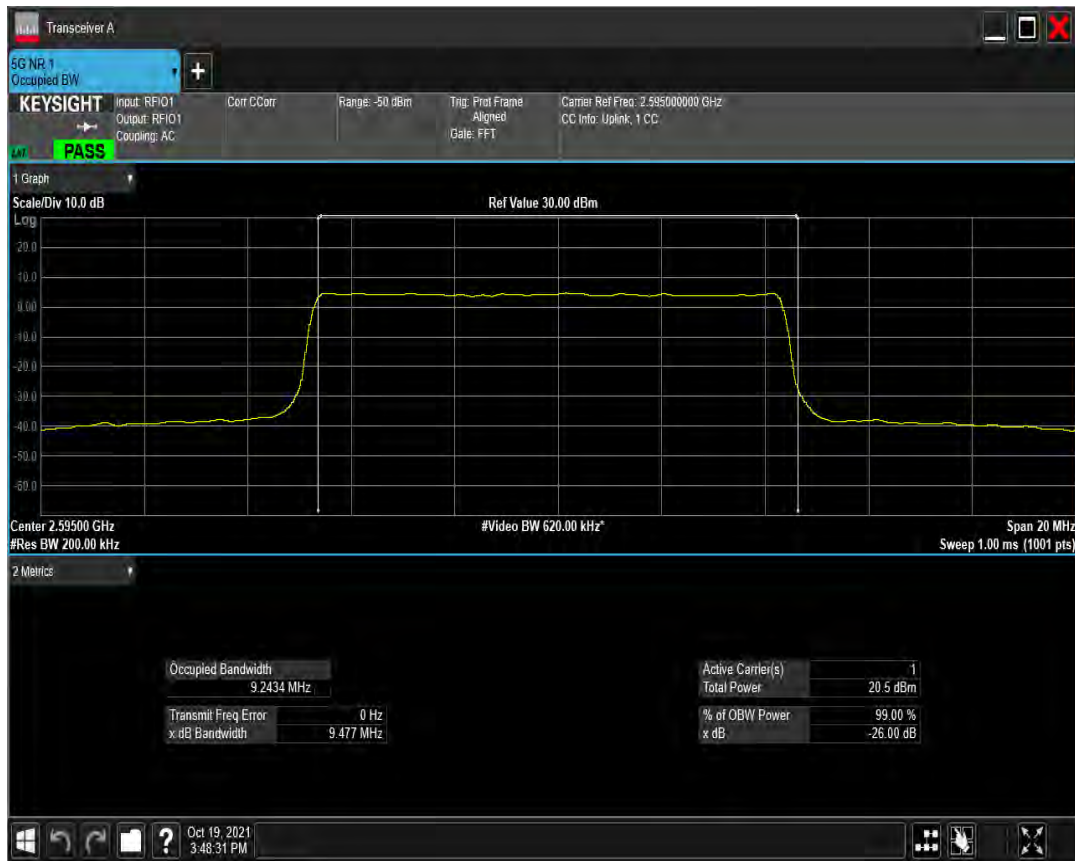
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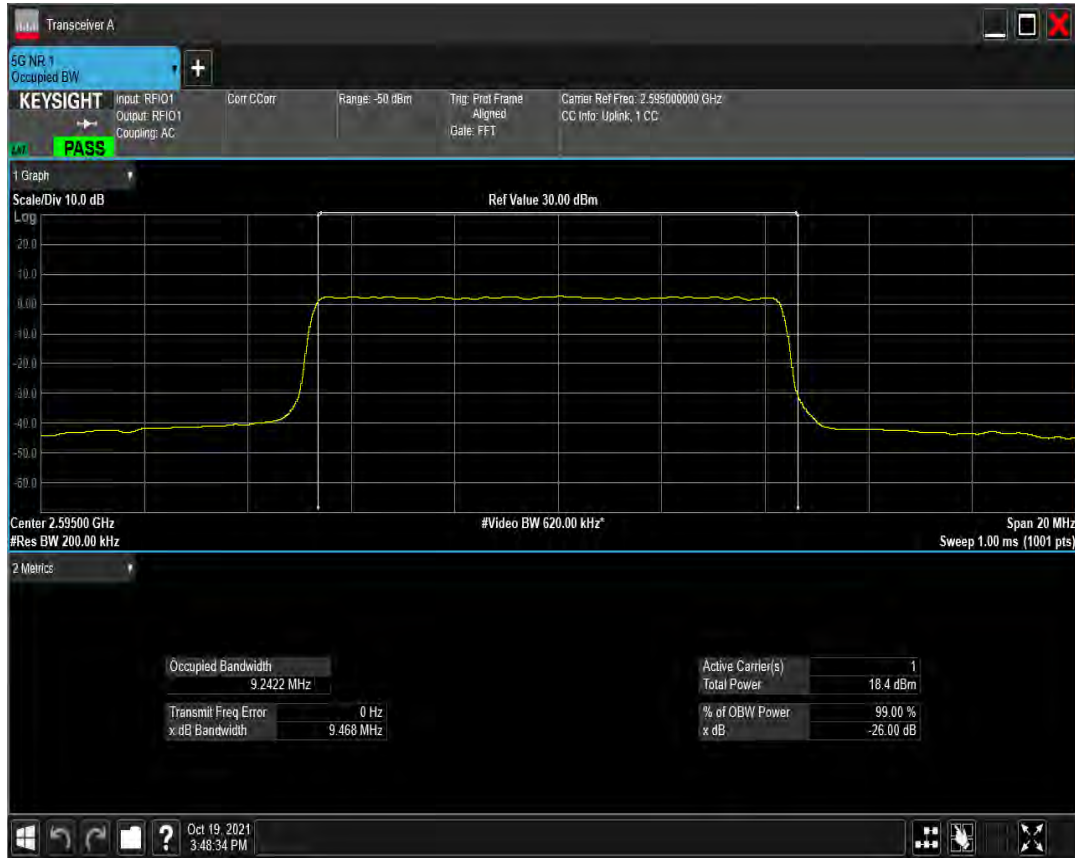
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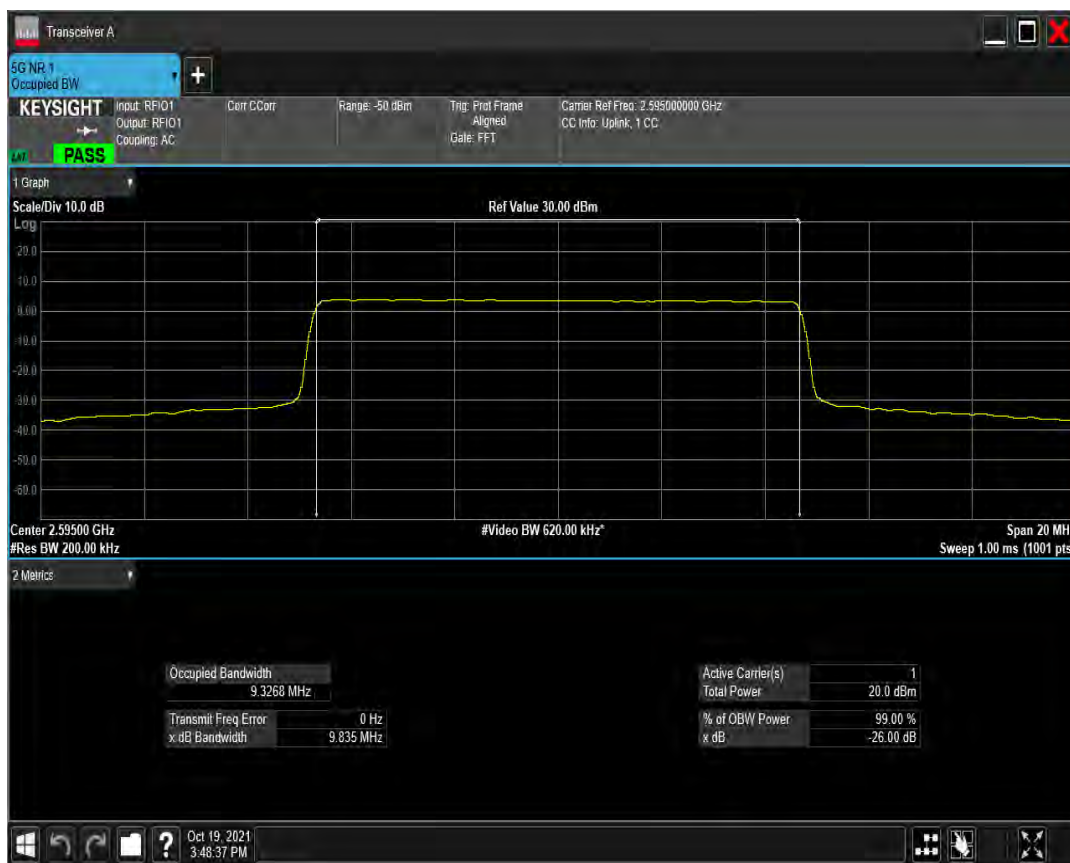
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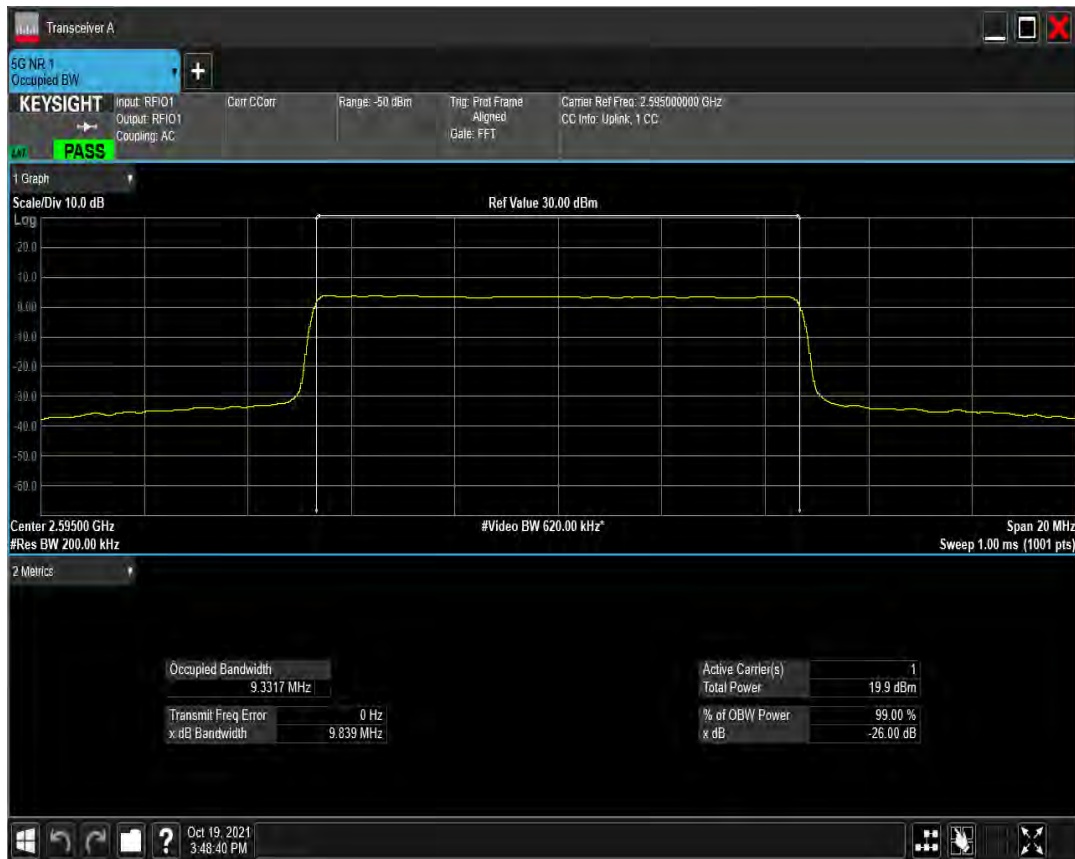
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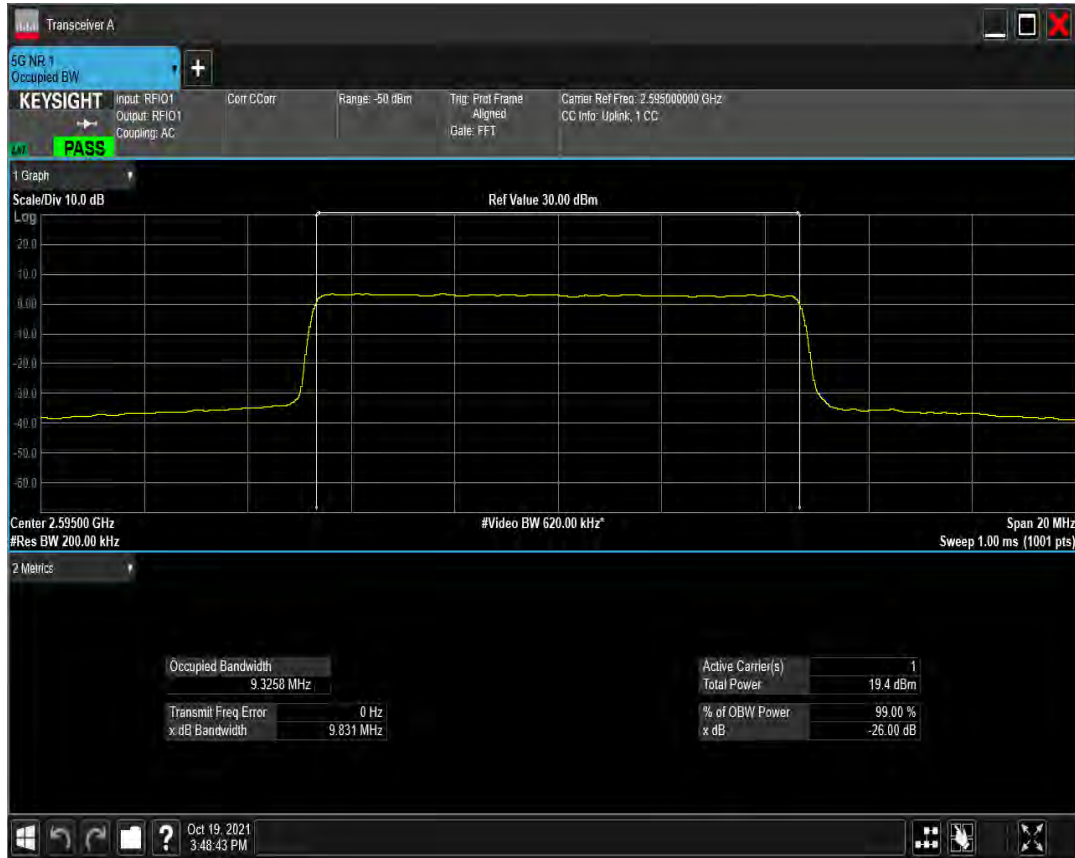
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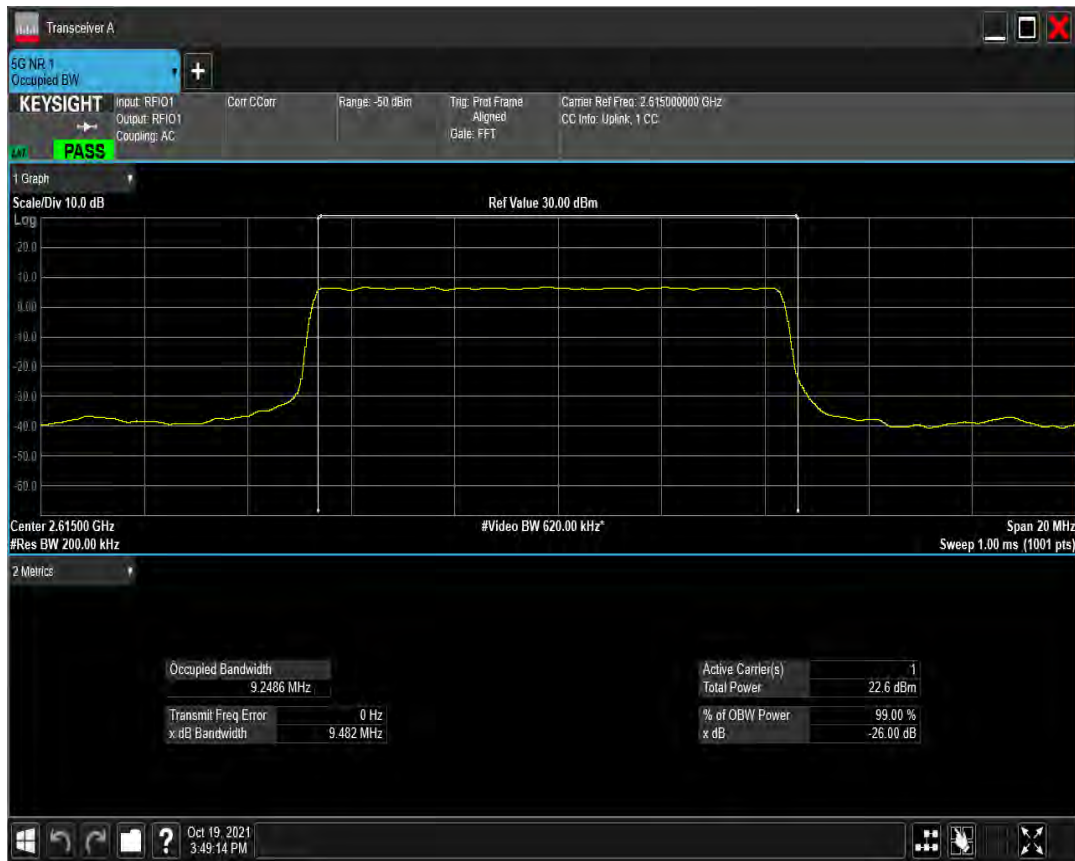
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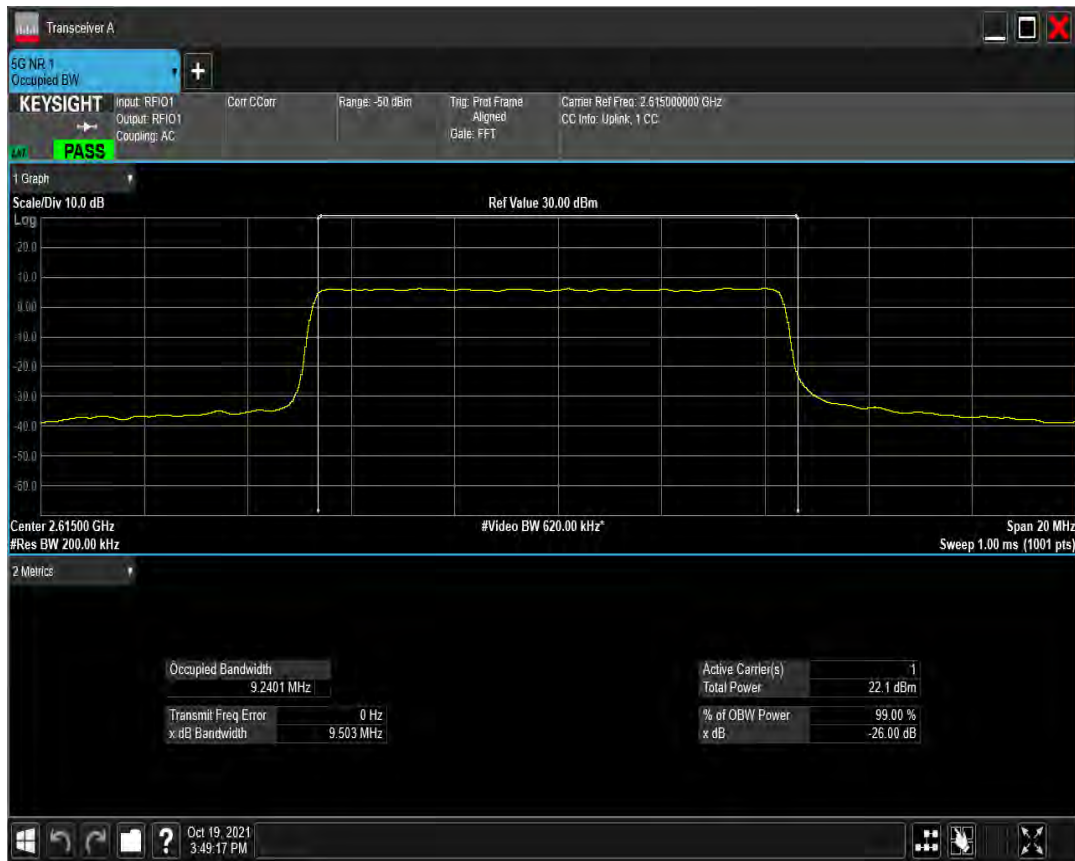
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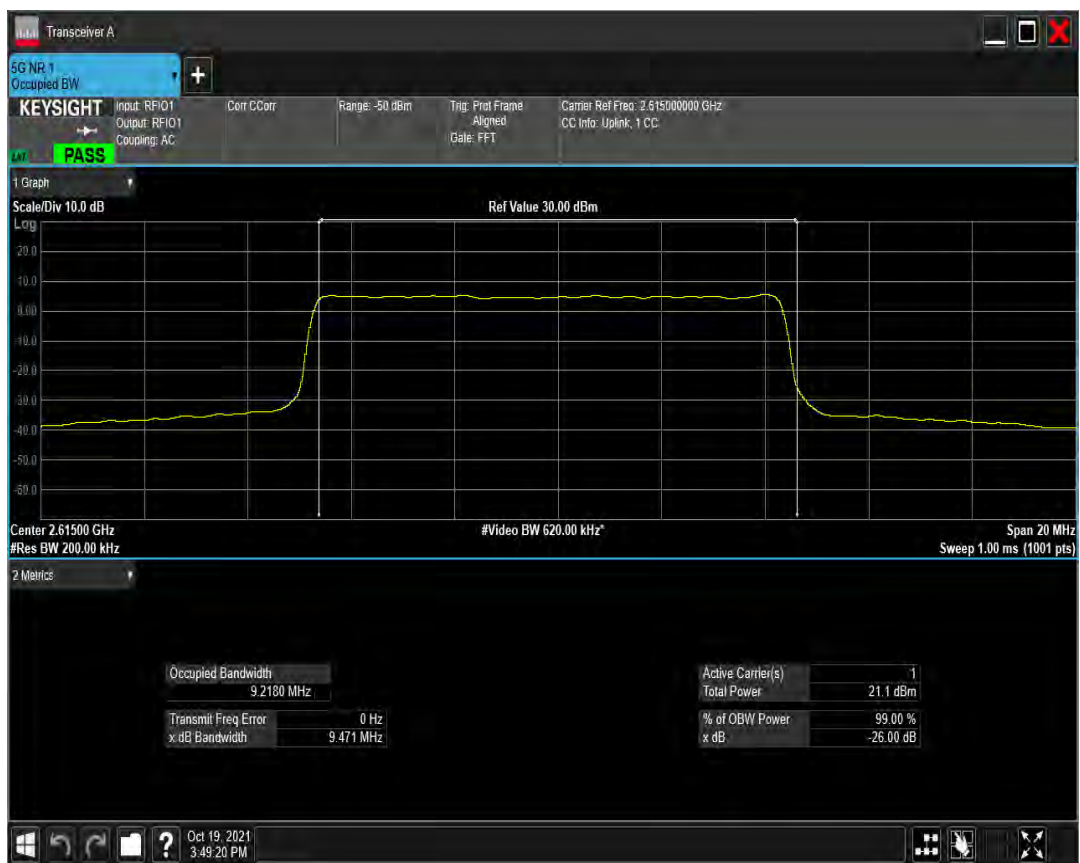
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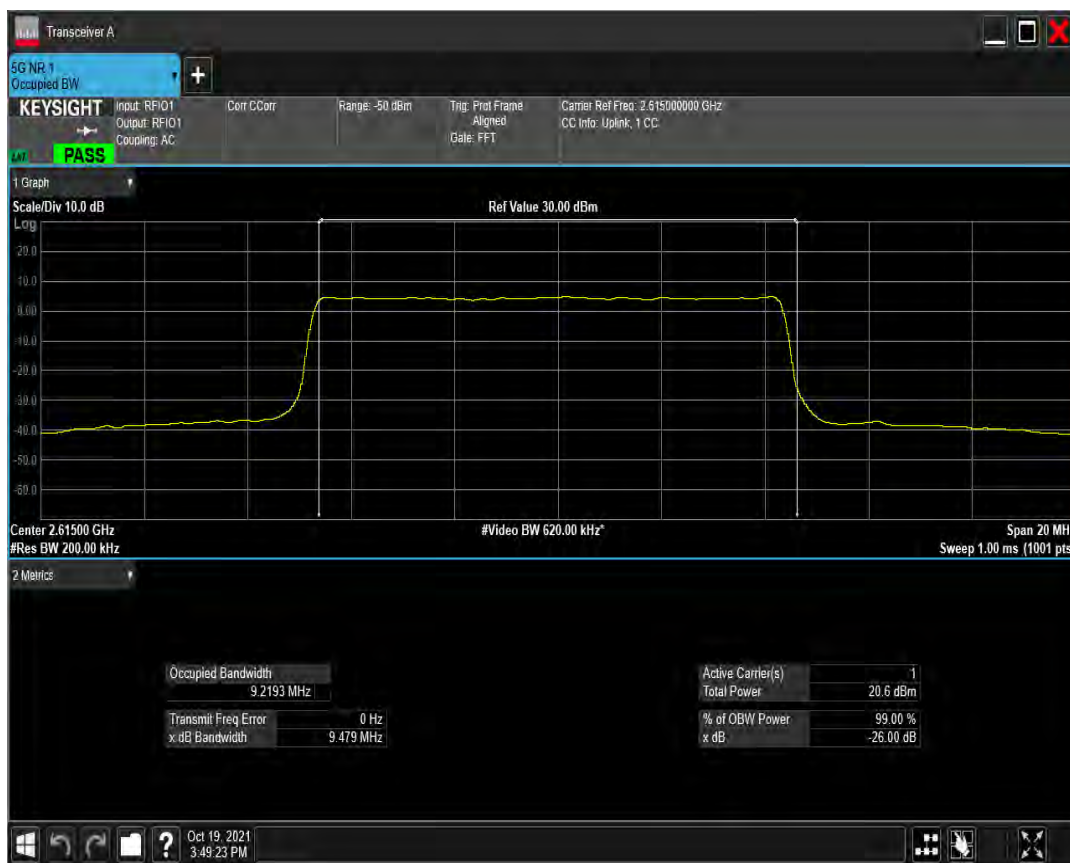
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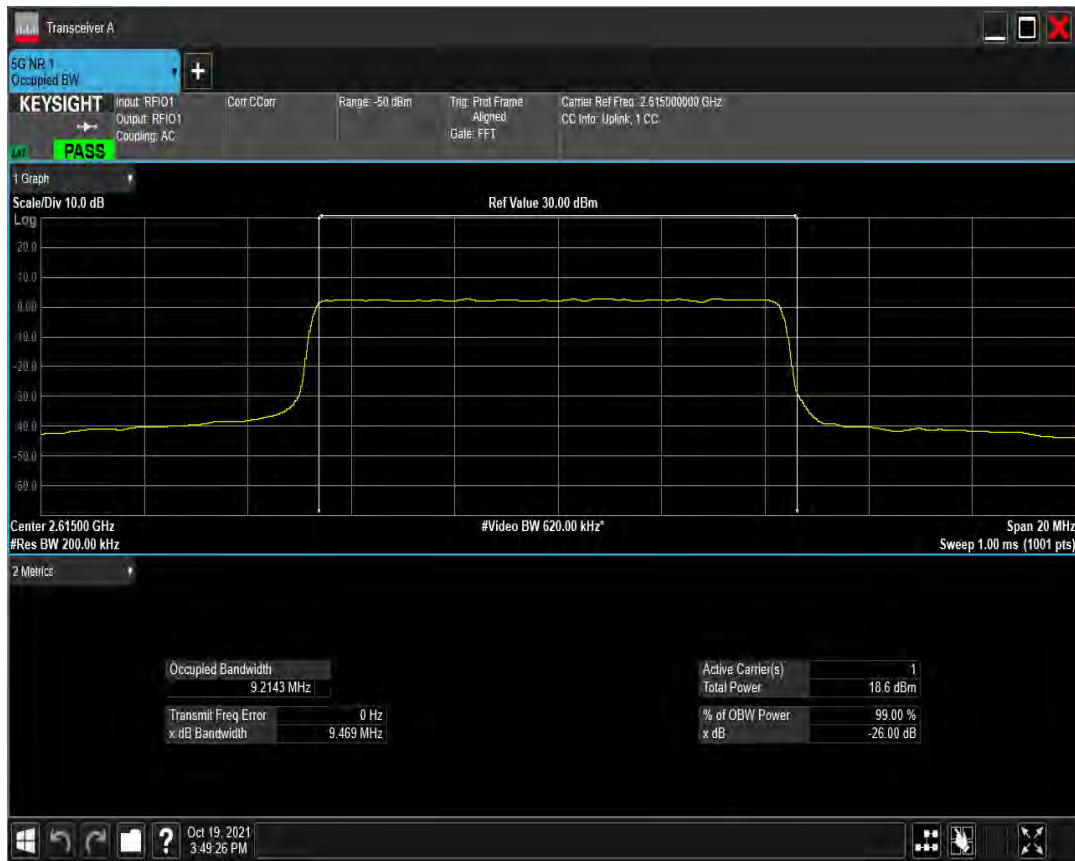
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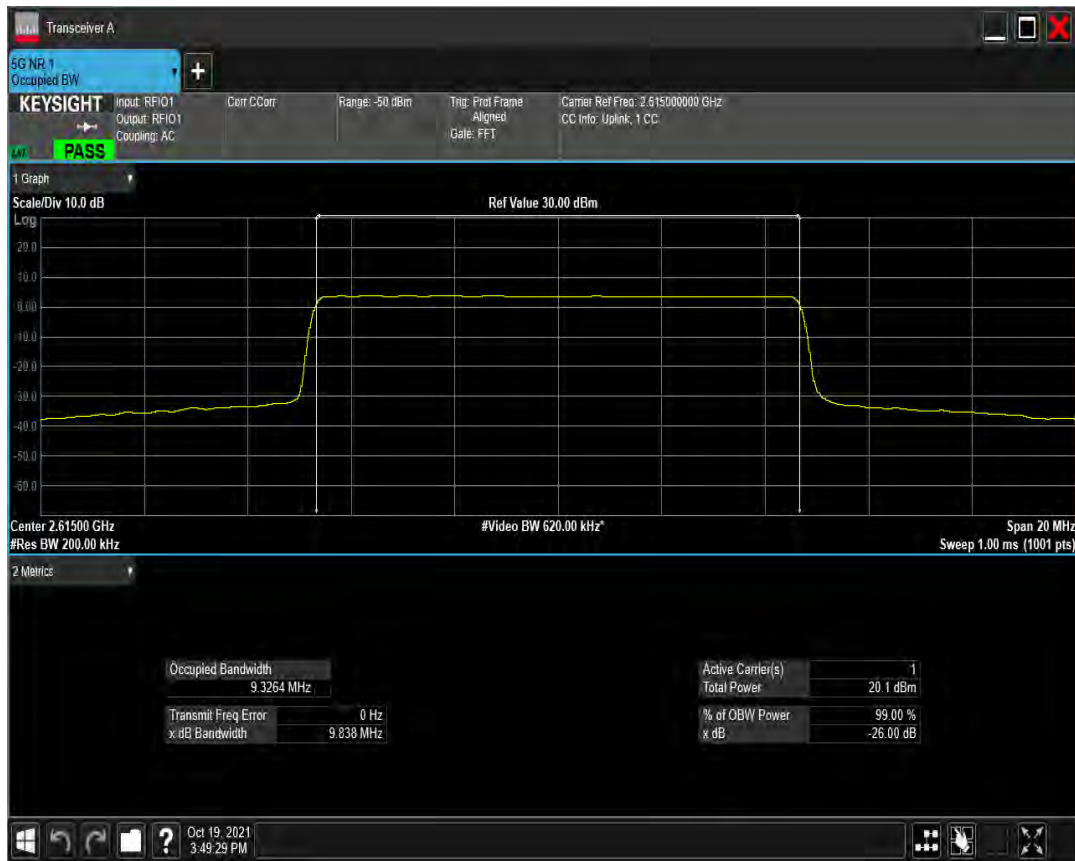
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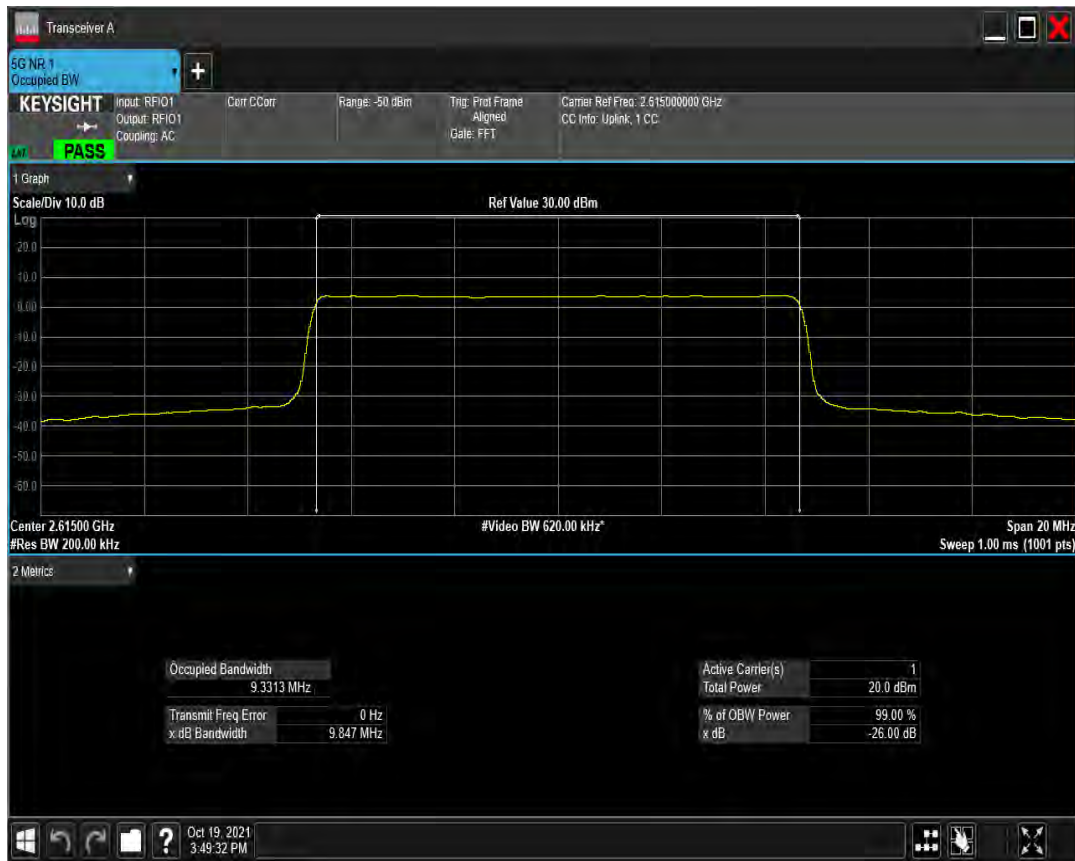
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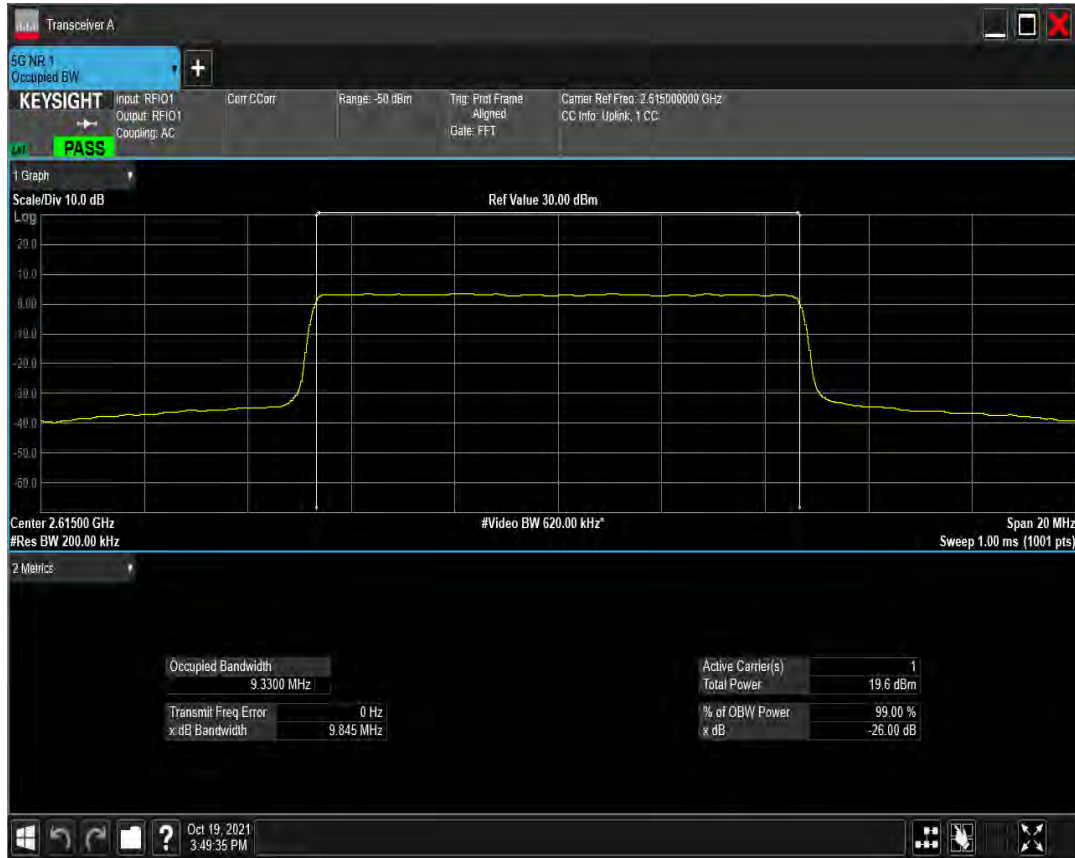
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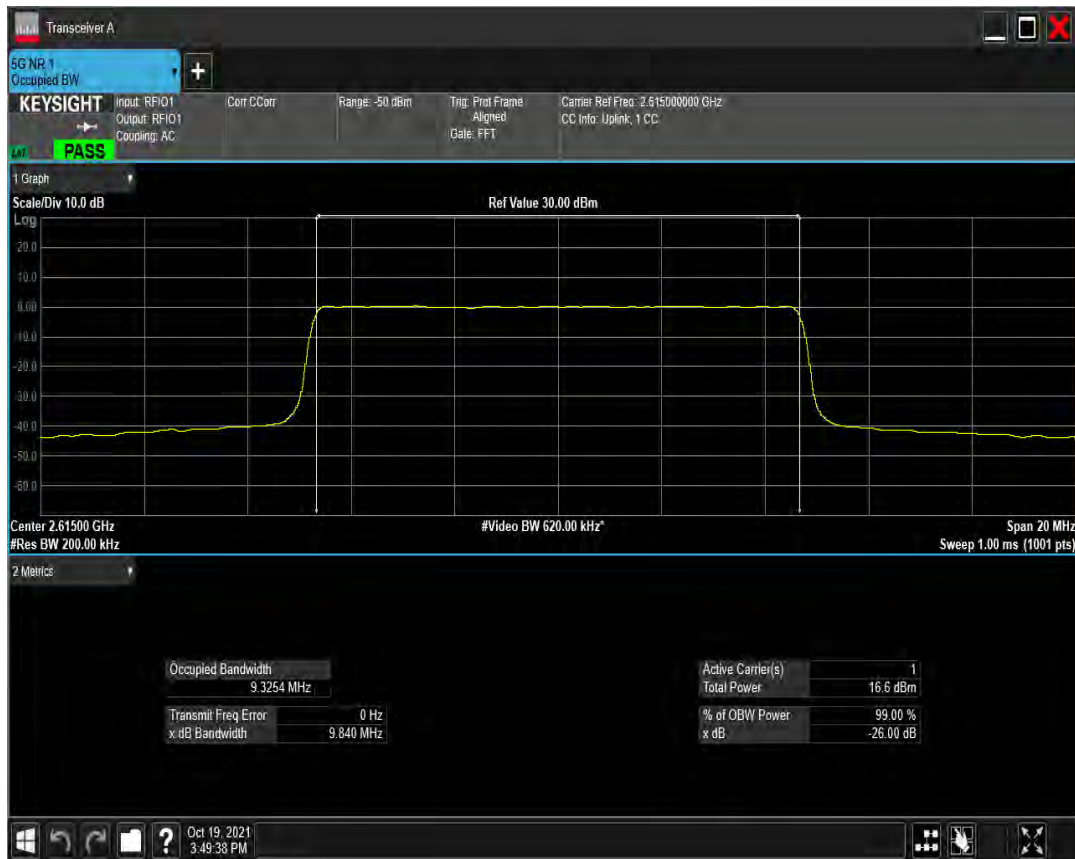
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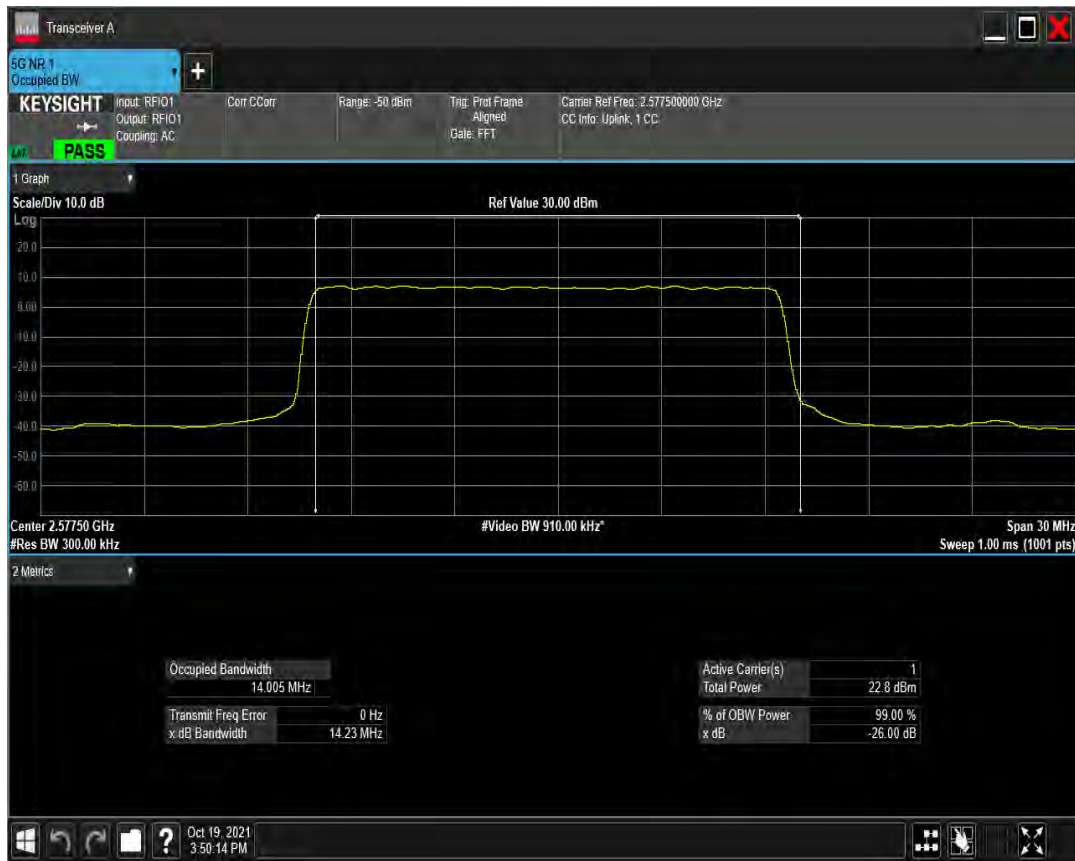
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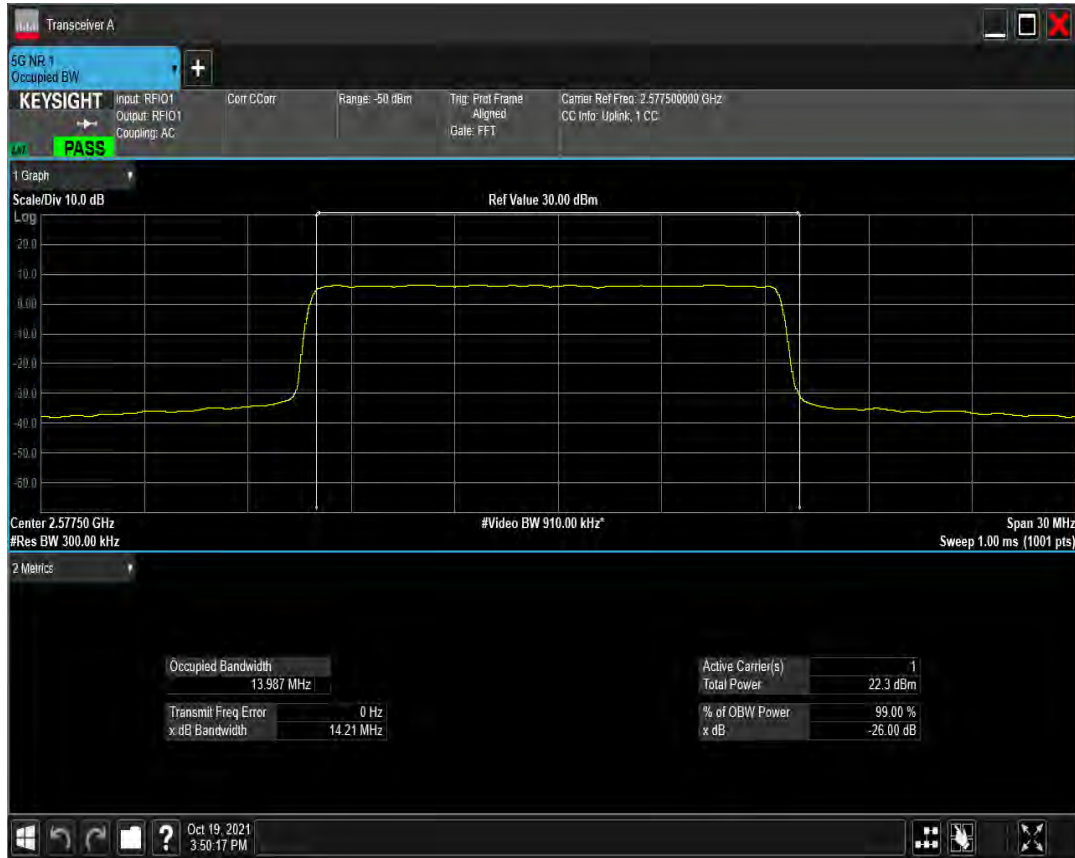
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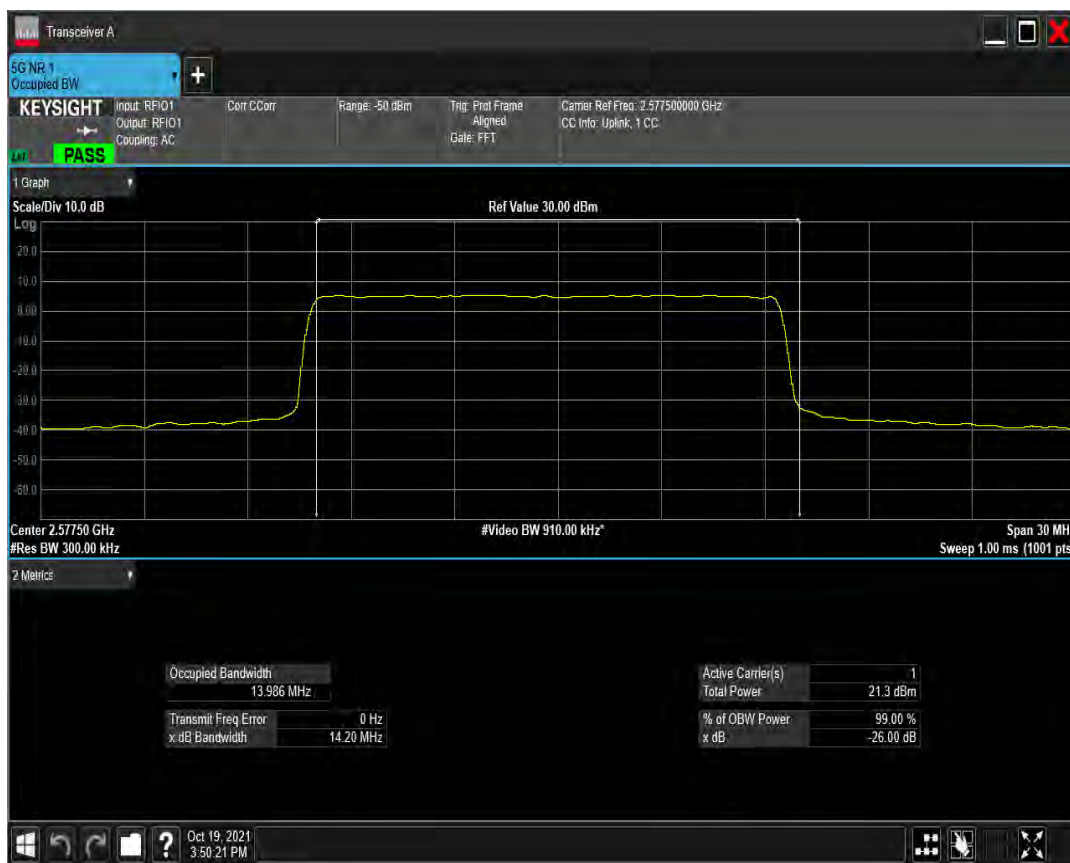
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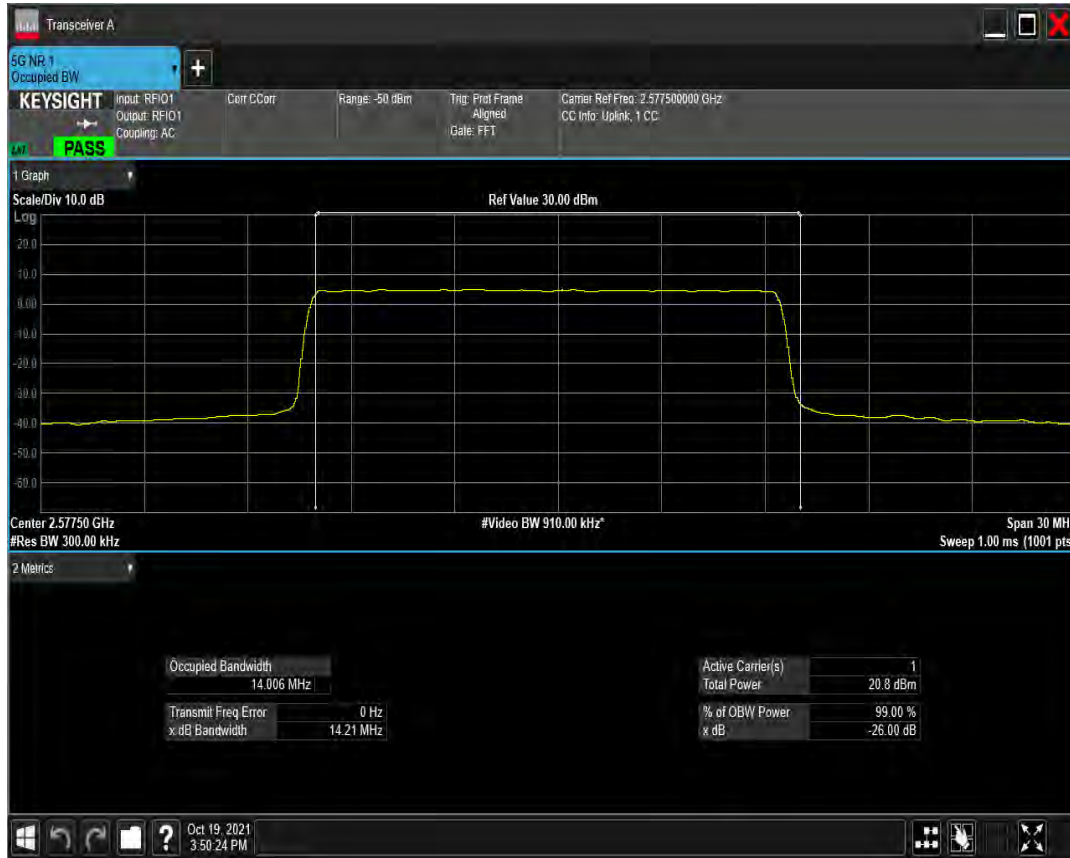
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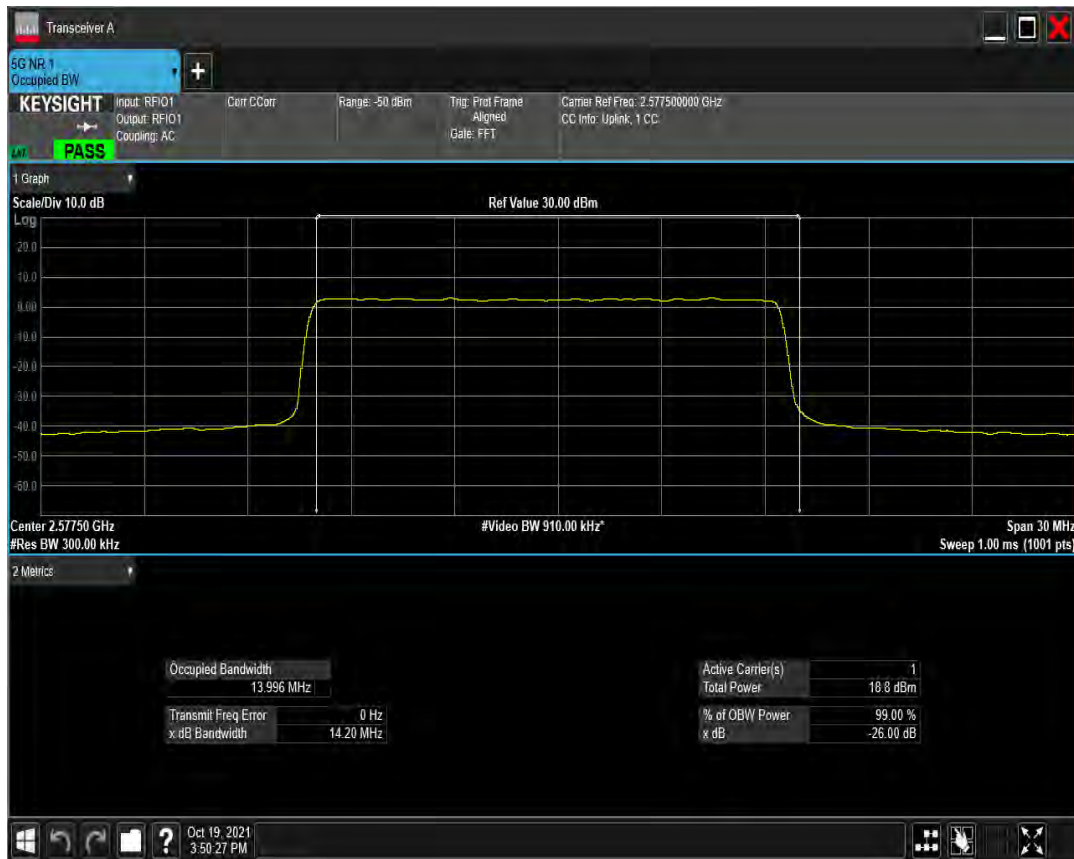
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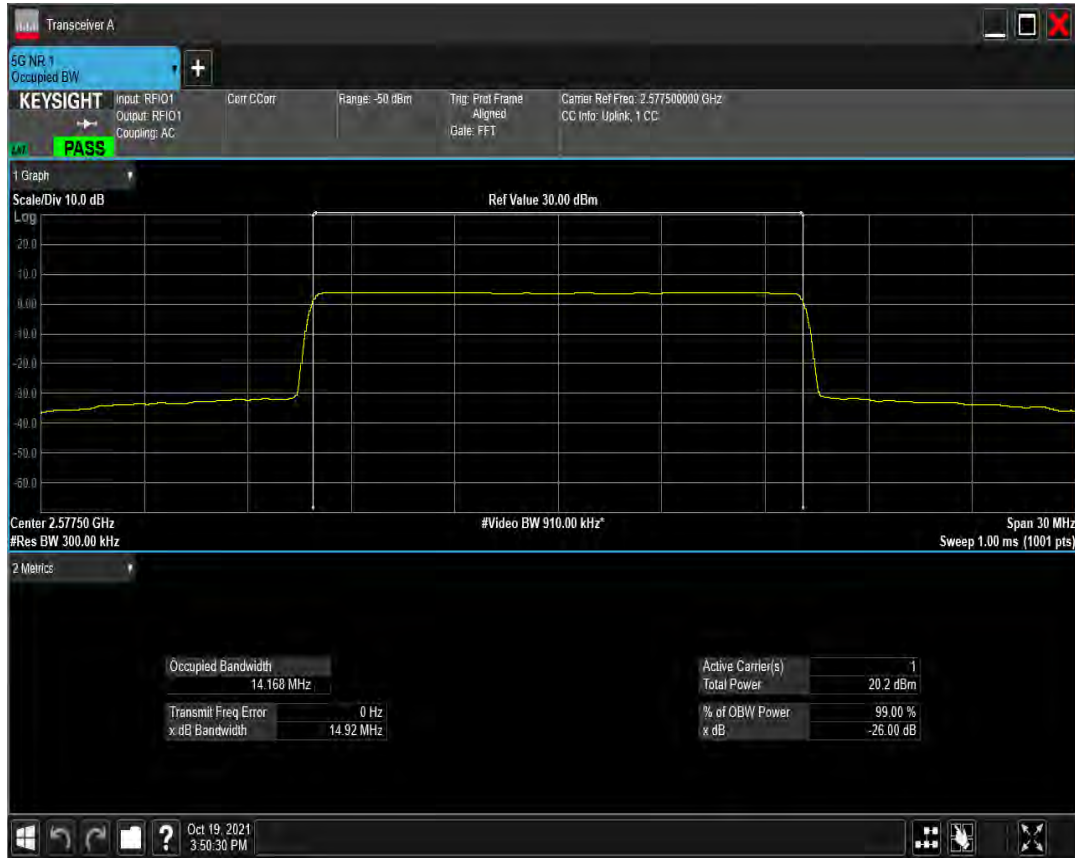
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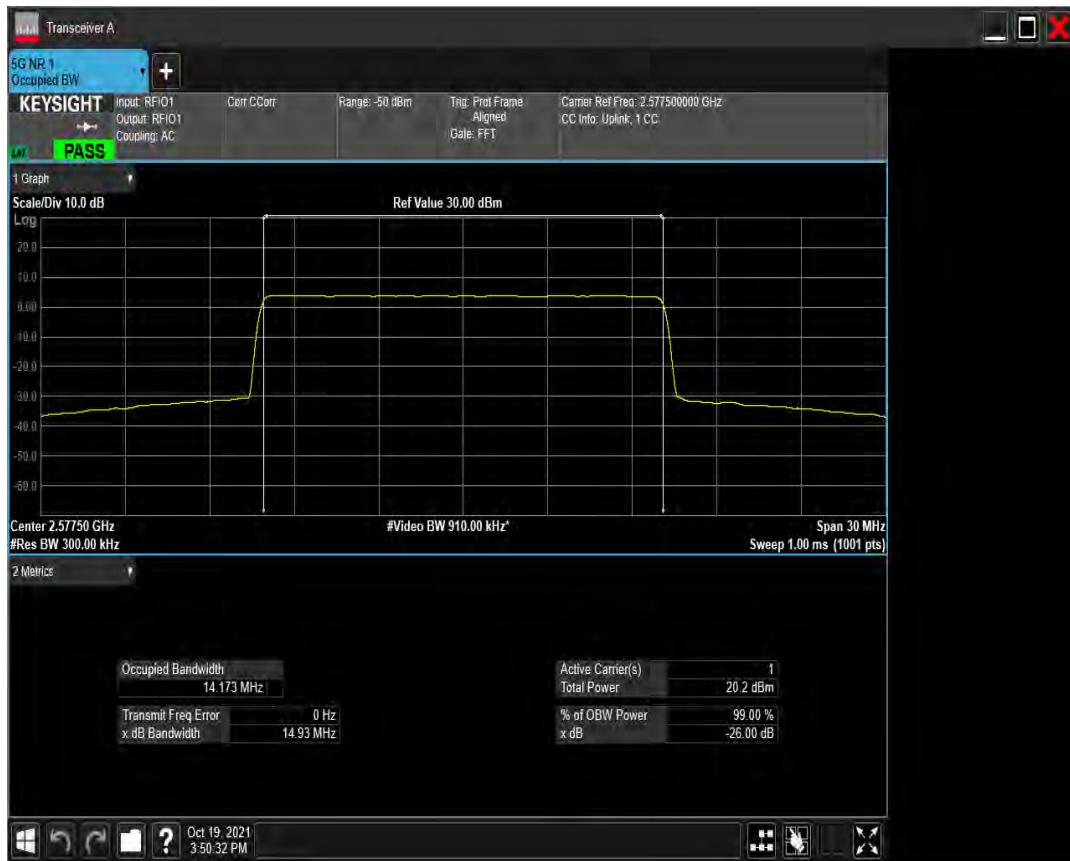
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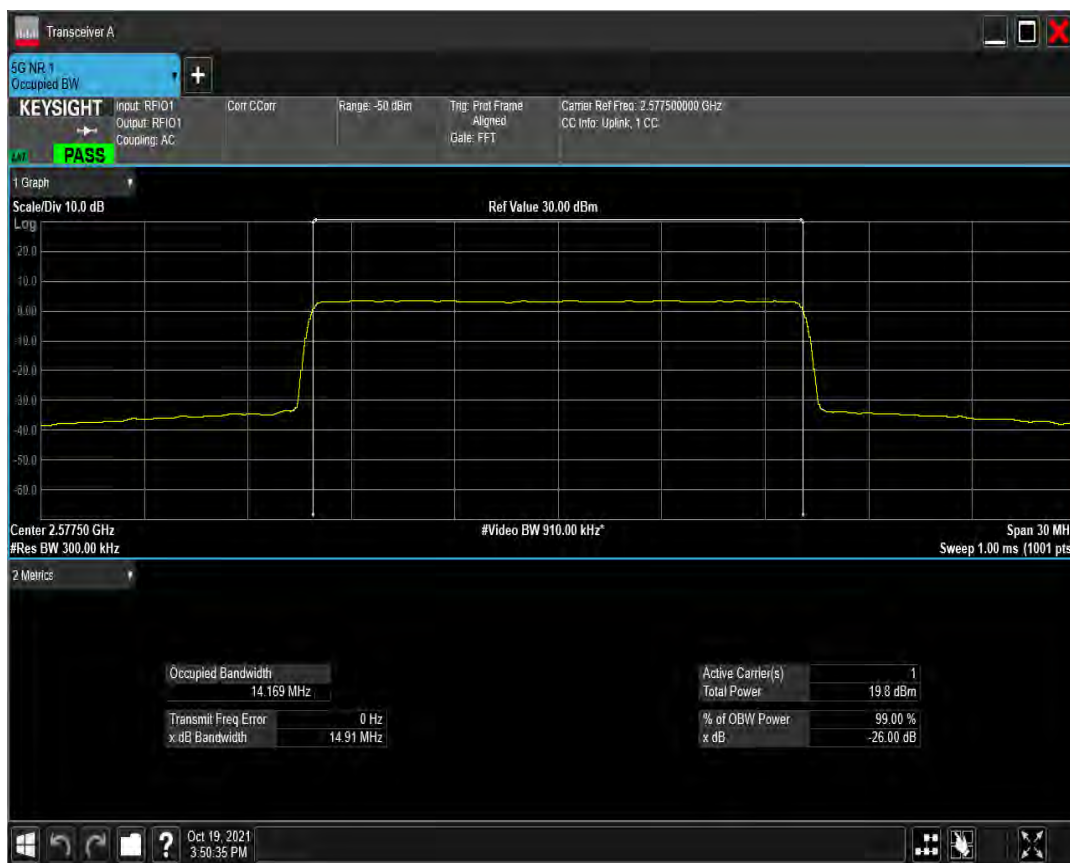
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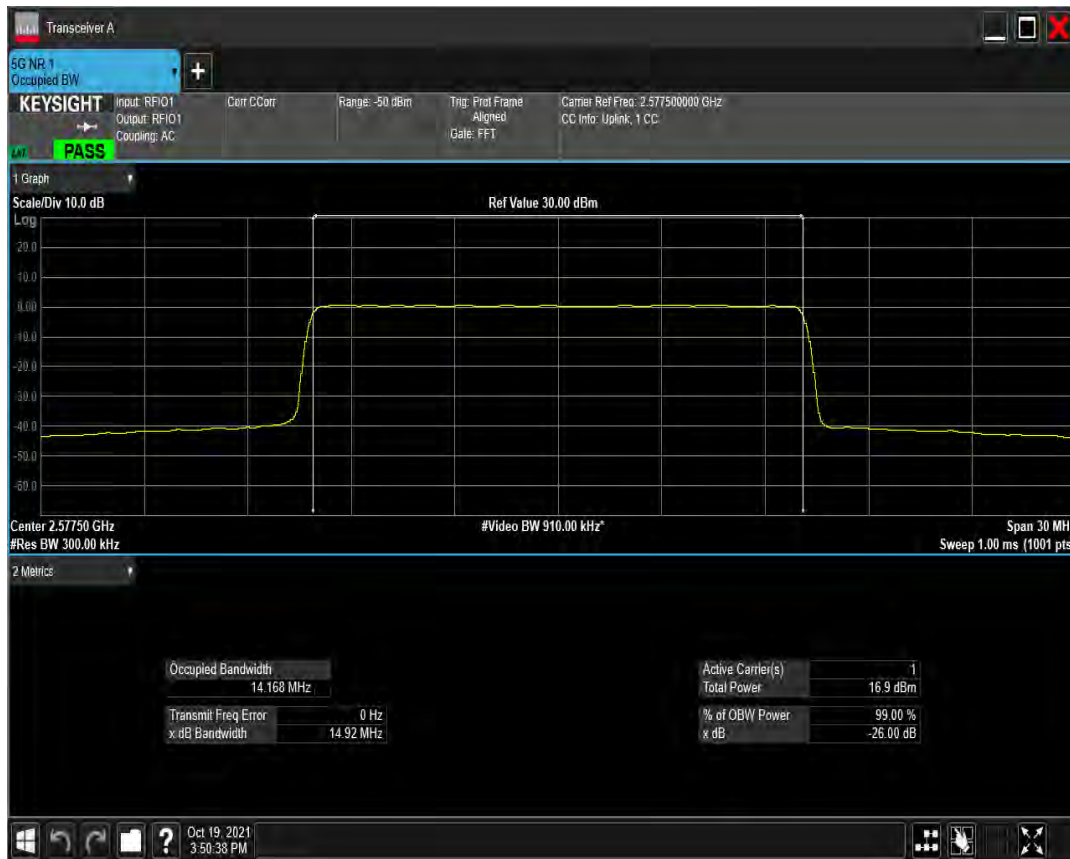
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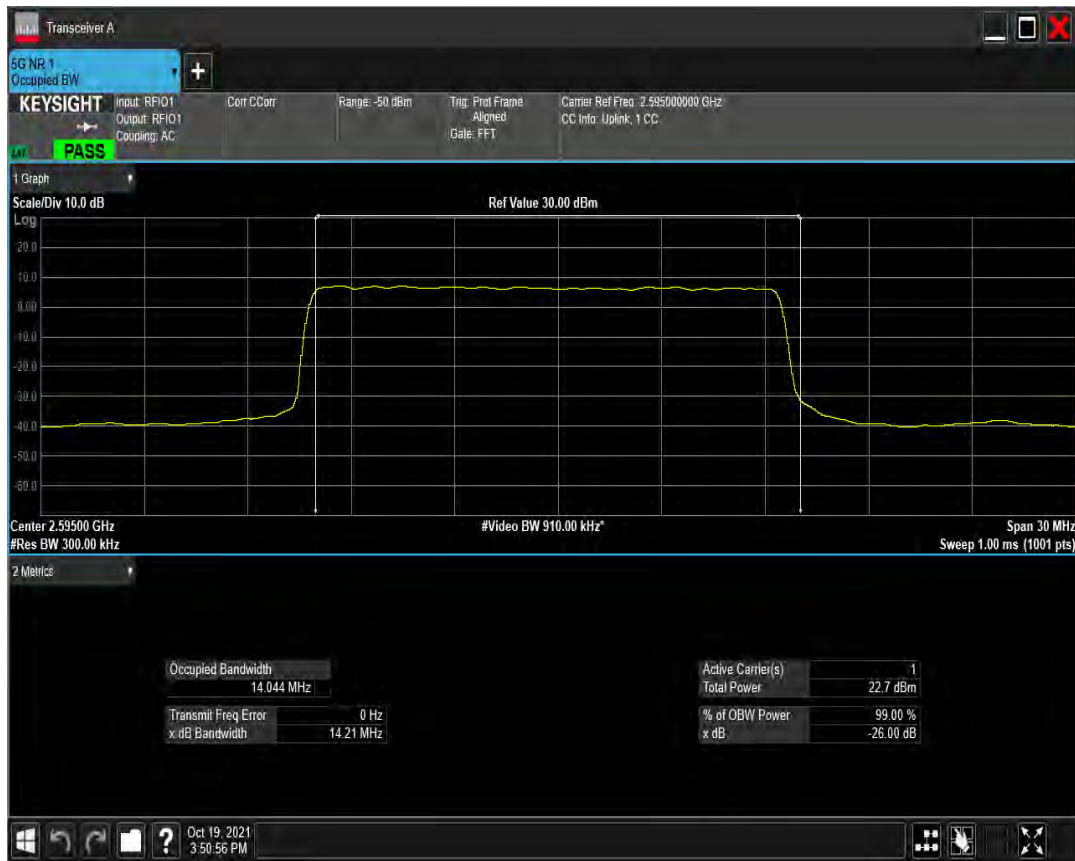
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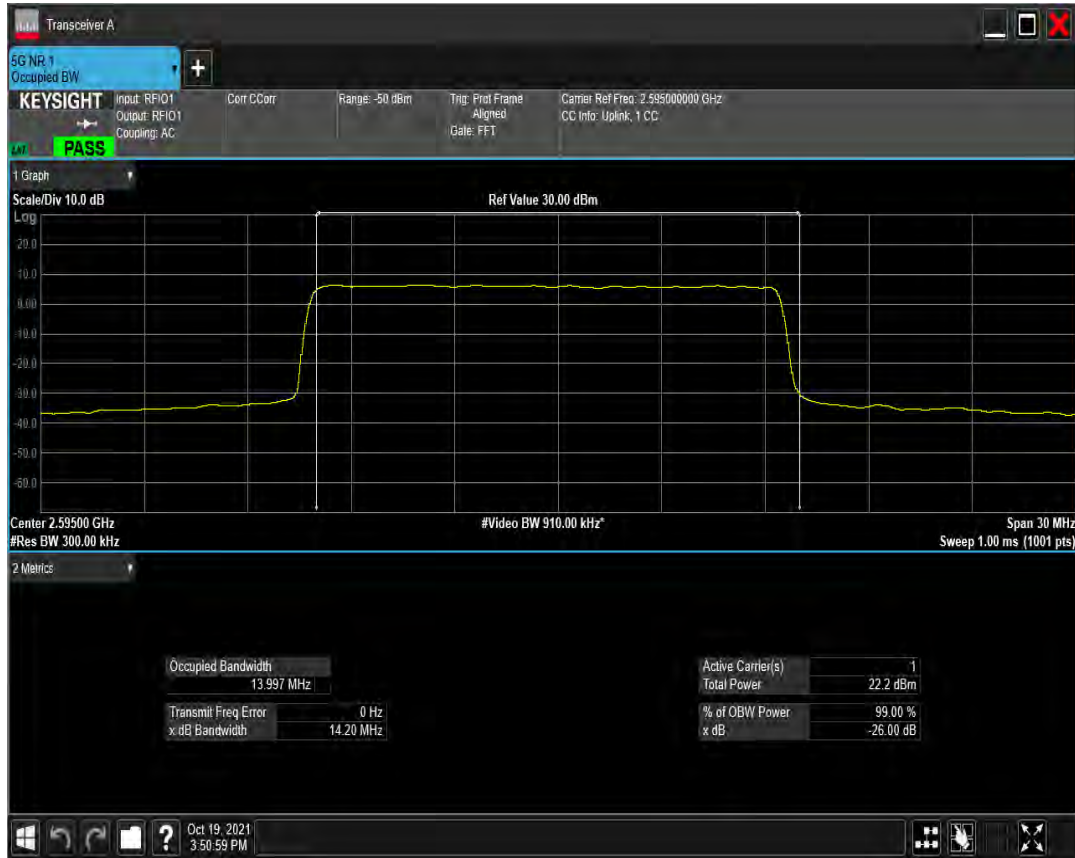
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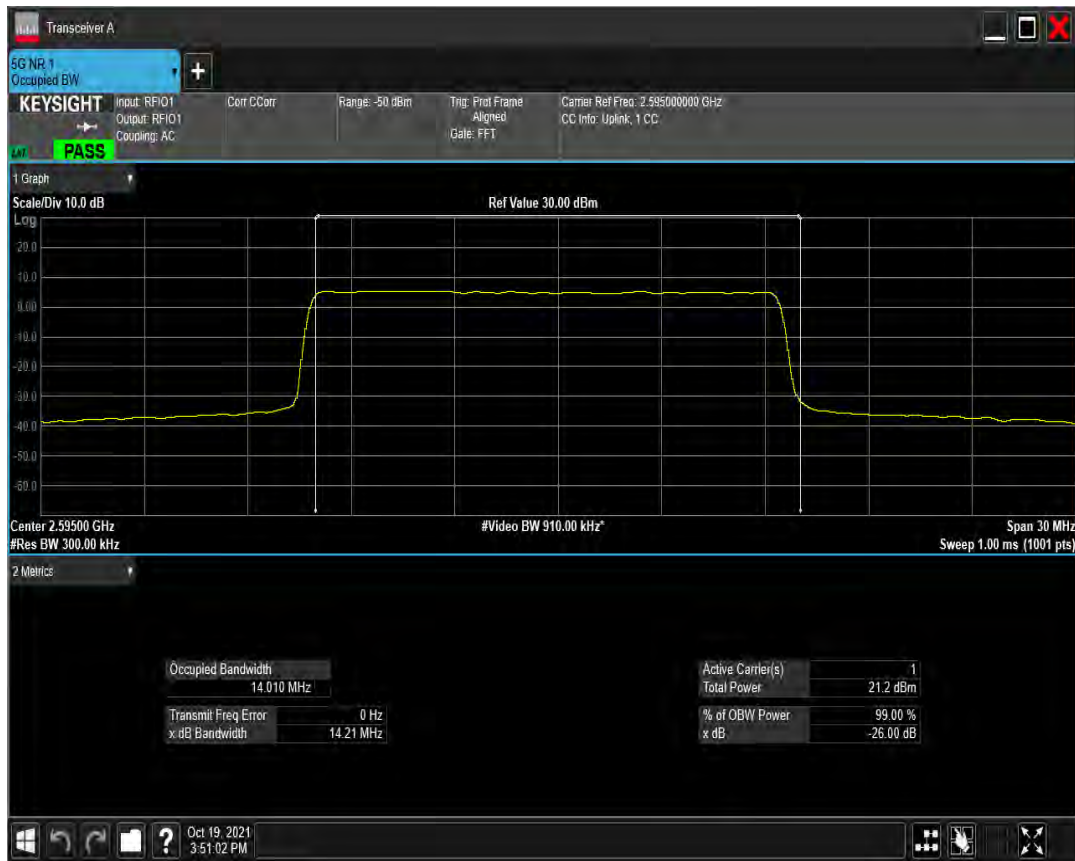
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