

1 Conducted output power for NR FR1 UL-MIMO

Band	Ant	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	ERP (dBm)	high Limit (dBm)	Verdict
n41	ant1	30	20	501204	25@12	CP_QPSK	20.48	21.28		PASS
n41	ant2	30	20	501204	25@12	CP_QPSK	15.36	9.36		PASS
n41	sum	30	20	501204	25@12	CP_QPSK	21.64	21.55	33	PASS
n41	ant1	30	20	501204	1@1	CP_QPSK	20.62	21.42		PASS
n41	ant2	30	20	501204	1@1	CP_QPSK	15.36	9.36		PASS
n41	sum	30	20	501204	1@1	CP_QPSK	21.75	21.68	33	PASS
n41	ant1	30	20	501204	1@49	CP_QPSK	20.34	21.14		PASS
n41	ant2	30	20	501204	1@49	CP_QPSK	15.14	9.14		PASS
n41	sum	30	20	501204	1@49	CP_QPSK	21.49	21.41	33	PASS
n41	ant1	30	20	501204	25@12	CP_QAM16	20.91	21.71		PASS
n41	ant2	30	20	501204	25@12	CP_QAM16	14.77	8.77		PASS
n41	sum	30	20	501204	25@12	CP_QAM16	21.86	21.93	33	PASS
n41	ant1	30	20	501204	1@1	CP_QAM16	20.32	21.12		PASS
n41	ant2	30	20	501204	1@1	CP_QAM16	14.69	8.69		PASS
n41	sum	30	20	501204	1@1	CP_QAM16	21.37	21.36	33	PASS
n41	ant1	30	20	501204	1@49	CP_QAM16	20.21	21.01		PASS
n41	ant2	30	20	501204	1@49	CP_QAM16	14.41	8.41		PASS
n41	sum	30	20	501204	1@49	CP_QAM16	21.22	21.24	33	PASS
n41	ant1	30	20	501204	25@12	CP_QAM64	18.50	19.30		PASS
n41	ant2	30	20	501204	25@12	CP_QAM64	13.34	7.34		PASS
n41	sum	30	20	501204	25@12	CP_QAM64	19.66	19.57	33	PASS
n41	ant1	30	20	501204	1@1	CP_QAM64	18.96	19.76		PASS
n41	ant2	30	20	501204	1@1	CP_QAM64	13.69	7.69		PASS
n41	sum	30	20	501204	1@1	CP_QAM64	20.09	20.02	33	PASS
n41	ant1	30	20	501204	1@49	CP_QAM64	18.85	19.65		PASS
n41	ant2	30	20	501204	1@49	CP_QAM64	13.33	7.33		PASS
n41	sum	30	20	501204	1@49	CP_QAM64	19.92	19.90	33	PASS
n41	ant1	30	20	501204	25@12	CP_QAM256	15.58	16.38		PASS
n41	ant2	30	20	501204	25@12	CP_QAM256	10.39	4.39		PASS
n41	sum	30	20	501204	25@12	CP_QAM256	16.73	16.65	33	PASS
n41	ant1	30	20	501204	1@1	CP_QAM256	16.02	16.82		PASS
n41	ant2	30	20	501204	1@1	CP_QAM256	10.55	4.55		PASS
n41	sum	30	20	501204	1@1	CP_QAM256	17.10	17.07	33	PASS
n41	ant1	30	20	501204	1@49	CP_QAM256	15.81	16.61		PASS
n41	ant2	30	20	501204	1@49	CP_QAM256	10.38	4.38		PASS
n41	sum	30	20	501204	1@49	CP_QAM256	16.90	16.86	33	PASS
n41	ant1	30	20	518598	25@12	CP_QPSK	20.42	21.22		PASS
n41	ant2	30	20	518598	25@12	CP_QPSK	14.75	8.75		PASS

n41	sum	30	20	518598	25@12	CP_QPSK	21.46	21.46	33	PASS
n41	ant1	30	20	518598	1@1	CP_QPSK	20.53	21.33		PASS
n41	ant2	30	20	518598	1@1	CP_QPSK	14.74	8.74		PASS
n41	sum	30	20	518598	1@1	CP_QPSK	21.55	21.56	33	PASS
n41	ant1	30	20	518598	1@49	CP_QPSK	20.53	21.33		PASS
n41	ant2	30	20	518598	1@49	CP_QPSK	14.63	8.63		PASS
n41	sum	30	20	518598	1@49	CP_QPSK	21.52	21.56	33	PASS
n41	ant1	30	20	518598	25@12	CP_QAM16	20.08	20.88		PASS
n41	ant2	30	20	518598	25@12	CP_QAM16	14.15	8.15		PASS
n41	sum	30	20	518598	25@12	CP_QAM16	21.07	21.11	33	PASS
n41	ant1	30	20	518598	1@1	CP_QAM16	20.08	20.88		PASS
n41	ant2	30	20	518598	1@1	CP_QAM16	14.18	8.18		PASS
n41	sum	30	20	518598	1@1	CP_QAM16	21.07	21.11	33	PASS
n41	ant1	30	20	518598	1@49	CP_QAM16	20.15	20.95		PASS
n41	ant2	30	20	518598	1@49	CP_QAM16	13.90	7.90		PASS
n41	sum	30	20	518598	1@49	CP_QAM16	21.07	21.16	33	PASS
n41	ant1	30	20	518598	25@12	CP_QAM64	18.46	19.26		PASS
n41	ant2	30	20	518598	25@12	CP_QAM64	12.67	6.67		PASS
n41	sum	30	20	518598	25@12	CP_QAM64	19.48	19.49	33	PASS
n41	ant1	30	20	518598	1@1	CP_QAM64	18.99	19.79		PASS
n41	ant2	30	20	518598	1@1	CP_QAM64	12.90	6.90		PASS
n41	sum	30	20	518598	1@1	CP_QAM64	19.95	20.01	33	PASS
n41	ant1	30	20	518598	1@49	CP_QAM64	19.07	19.87		PASS
n41	ant2	30	20	518598	1@49	CP_QAM64	12.71	6.71		PASS
n41	sum	30	20	518598	1@49	CP_QAM64	19.97	20.07	33	PASS
n41	ant1	30	20	518598	25@12	CP_QAM256	15.48	16.28		PASS
n41	ant2	30	20	518598	25@12	CP_QAM256	9.69	3.69		PASS
n41	sum	30	20	518598	25@12	CP_QAM256	16.50	16.51	33	PASS
n41	ant1	30	20	518598	1@1	CP_QAM256	15.65	16.45		PASS
n41	ant2	30	20	518598	1@1	CP_QAM256	9.93	3.93		PASS
n41	sum	30	20	518598	1@1	CP_QAM256	16.68	16.69	33	PASS
n41	ant1	30	20	518598	1@49	CP_QAM256	15.81	16.61		PASS
n41	ant2	30	20	518598	1@49	CP_QAM256	9.82	3.82		PASS
n41	sum	30	20	518598	1@49	CP_QAM256	16.79	16.83	33	PASS
n41	ant1	30	20	535998	25@12	CP_QPSK	20.49	21.29		PASS
n41	ant2	30	20	535998	25@12	CP_QPSK	15.59	9.59		PASS
n41	sum	30	20	535998	25@12	CP_QPSK	21.71	21.57	33	PASS
n41	ant1	30	20	535998	1@1	CP_QPSK	20.56	21.36		PASS
n41	ant2	30	20	535998	1@1	CP_QPSK	15.60	9.60		PASS
n41	sum	30	20	535998	1@1	CP_QPSK	21.76	21.64	33	PASS
n41	ant1	30	20	535998	1@49	CP_QPSK	20.52	21.32		PASS
n41	ant2	30	20	535998	1@49	CP_QPSK	15.87	9.87		PASS

n41	sum	30	20	535998	1@49	CP_QPSK	21.80	21.62	33	PASS
n41	ant1	30	20	535998	25@12	CP_QAM16	20.08	20.88		PASS
n41	ant2	30	20	535998	25@12	CP_QAM16	15.00	9.00		PASS
n41	sum	30	20	535998	25@12	CP_QAM16	21.25	21.15	33	PASS
n41	ant1	30	20	535998	1@1	CP_QAM16	20.21	21.01		PASS
n41	ant2	30	20	535998	1@1	CP_QAM16	14.76	8.76		PASS
n41	sum	30	20	535998	1@1	CP_QAM16	21.30	21.26	33	PASS
n41	ant1	30	20	535998	1@49	CP_QAM16	20.14	20.94		PASS
n41	ant2	30	20	535998	1@49	CP_QAM16	14.95	8.95		PASS
n41	sum	30	20	535998	1@49	CP_QAM16	21.29	21.21	33	PASS
n41	ant1	30	20	535998	25@12	CP_QAM64	18.46	19.26		PASS
n41	ant2	30	20	535998	25@12	CP_QAM64	13.54	7.54		PASS
n41	sum	30	20	535998	25@12	CP_QAM64	19.67	19.54	33	PASS
n41	ant1	30	20	535998	1@1	CP_QAM64	19.06	19.86		PASS
n41	ant2	30	20	535998	1@1	CP_QAM64	13.68	7.68		PASS
n41	sum	30	20	535998	1@1	CP_QAM64	20.17	20.12	33	PASS
n41	ant1	30	20	535998	1@49	CP_QAM64	18.89	19.69		PASS
n41	ant2	30	20	535998	1@49	CP_QAM64	13.90	7.90		PASS
n41	sum	30	20	535998	1@49	CP_QAM64	20.09	19.97	33	PASS
n41	ant1	30	20	535998	25@12	CP_QAM256	15.57	16.37		PASS
n41	ant2	30	20	535998	25@12	CP_QAM256	10.52	4.52		PASS
n41	sum	30	20	535998	25@12	CP_QAM256	16.75	16.64	33	PASS
n41	ant1	30	20	535998	1@1	CP_QAM256	15.67	16.47		PASS
n41	ant2	30	20	535998	1@1	CP_QAM256	10.60	4.60		PASS
n41	sum	30	20	535998	1@1	CP_QAM256	16.85	16.74	33	PASS
n41	ant1	30	20	535998	1@49	CP_QAM256	15.64	16.44		PASS
n41	ant2	30	20	535998	1@49	CP_QAM256	10.93	4.93		PASS
n41	sum	30	20	535998	1@49	CP_QAM256	16.90	16.74	33	PASS
n41	ant1	30	30	502200	39@19	CP_QPSK	20.58	21.38		PASS
n41	ant2	30	30	502200	39@19	CP_QPSK	15.46	9.46		PASS
n41	sum	30	30	502200	39@19	CP_QPSK	21.74	21.65	33	PASS
n41	ant1	30	30	502200	1@1	CP_QPSK	20.64	21.44		PASS
n41	ant2	30	30	502200	1@1	CP_QPSK	15.58	9.58		PASS
n41	sum	30	30	502200	1@1	CP_QPSK	21.82	21.71	33	PASS
n41	ant1	30	30	502200	1@76	CP_QPSK	20.63	21.43		PASS
n41	ant2	30	30	502200	1@76	CP_QPSK	14.78	8.78		PASS
n41	sum	30	30	502200	1@76	CP_QPSK	21.63	21.66	33	PASS
n41	ant1	30	30	502200	39@19	CP_QAM16	20.00	20.80		PASS
n41	ant2	30	30	502200	39@19	CP_QAM16	14.94	8.94		PASS
n41	sum	30	30	502200	39@19	CP_QAM16	21.18	21.07	33	PASS
n41	ant1	30	30	502200	1@1	CP_QAM16	20.41	21.21		PASS
n41	ant2	30	30	502200	1@1	CP_QAM16	14.71	8.71		PASS

n41	sum	30	30	502200	1@1	CP_QAM16	21.45	21.45	33	PASS
n41	ant1	30	30	502200	1@76	CP_QAM16	20.25	21.05		PASS
n41	ant2	30	30	502200	1@76	CP_QAM16	13.96	7.96		PASS
n41	sum	30	30	502200	1@76	CP_QAM16	21.17	21.26	33	PASS
n41	ant1	30	30	502200	39@19	CP_QAM64	18.75	19.55		PASS
n41	ant2	30	30	502200	39@19	CP_QAM64	13.41	7.41		PASS
n41	sum	30	30	502200	39@19	CP_QAM64	19.86	19.81	33	PASS
n41	ant1	30	30	502200	1@1	CP_QAM64	19.23	20.03		PASS
n41	ant2	30	30	502200	1@1	CP_QAM64	13.80	7.80		PASS
n41	sum	30	30	502200	1@1	CP_QAM64	20.32	20.28	33	PASS
n41	ant1	30	30	502200	1@76	CP_QAM64	18.92	19.72		PASS
n41	ant2	30	30	502200	1@76	CP_QAM64	13.33	7.33		PASS
n41	sum	30	30	502200	1@76	CP_QAM64	19.98	19.96	33	PASS
n41	ant1	30	30	502200	39@19	CP_QAM256	15.66	16.46		PASS
n41	ant2	30	30	502200	39@19	CP_QAM256	10.37	4.37		PASS
n41	sum	30	30	502200	39@19	CP_QAM256	16.79	16.72	33	PASS
n41	ant1	30	30	502200	1@1	CP_QAM256	16.05	16.85		PASS
n41	ant2	30	30	502200	1@1	CP_QAM256	10.57	4.57		PASS
n41	sum	30	30	502200	1@1	CP_QAM256	17.13	17.10	33	PASS
n41	ant1	30	30	502200	1@76	CP_QAM256	15.95	16.75		PASS
n41	ant2	30	30	502200	1@76	CP_QAM256	9.97	3.97		PASS
n41	sum	30	30	502200	1@76	CP_QAM256	16.93	16.97	33	PASS
n41	ant1	30	30	518598	39@19	CP_QPSK	20.45	21.25		PASS
n41	ant2	30	30	518598	39@19	CP_QPSK	14.93	8.93		PASS
n41	sum	30	30	518598	39@19	CP_QPSK	21.52	21.50	33	PASS
n41	ant1	30	30	518598	1@1	CP_QPSK	20.56	21.36		PASS
n41	ant2	30	30	518598	1@1	CP_QPSK	14.92	8.92		PASS
n41	sum	30	30	518598	1@1	CP_QPSK	21.61	21.60	33	PASS
n41	ant1	30	30	518598	1@76	CP_QPSK	20.88	21.68		PASS
n41	ant2	30	30	518598	1@76	CP_QPSK	14.99	8.99		PASS
n41	sum	30	30	518598	1@76	CP_QPSK	21.88	21.91	33	PASS
n41	ant1	30	30	518598	39@19	CP_QAM16	19.93	20.73		PASS
n41	ant2	30	30	518598	39@19	CP_QAM16	14.34	8.34		PASS
n41	sum	30	30	518598	39@19	CP_QAM16	20.99	20.97	33	PASS
n41	ant1	30	30	518598	1@1	CP_QAM16	19.95	20.75		PASS
n41	ant2	30	30	518598	1@1	CP_QAM16	14.46	8.46		PASS
n41	sum	30	30	518598	1@1	CP_QAM16	21.03	21.00	33	PASS
n41	ant1	30	30	518598	1@76	CP_QAM16	20.06	20.86		PASS
n41	ant2	30	30	518598	1@76	CP_QAM16	14.50	8.50		PASS
n41	sum	30	30	518598	1@76	CP_QAM16	21.13	21.11	33	PASS
n41	ant1	30	30	518598	39@19	CP_QAM64	18.47	19.27		PASS
n41	ant2	30	30	518598	39@19	CP_QAM64	12.82	6.82		PASS

n41	sum	30	30	518598	39@19	CP_QAM64	19.52	19.51	33	PASS
n41	ant1	30	30	518598	1@1	CP_QAM64	18.97	19.77		PASS
n41	ant2	30	30	518598	1@1	CP_QAM64	12.91	6.91		PASS
n41	sum	30	30	518598	1@1	CP_QAM64	19.93	19.99	33	PASS
n41	ant1	30	30	518598	1@76	CP_QAM64	19.25	20.05		PASS
n41	ant2	30	30	518598	1@76	CP_QAM64	13.35	7.35		PASS
n41	sum	30	30	518598	1@76	CP_QAM64	20.24	20.28	33	PASS
n41	ant1	30	30	518598	39@19	CP_QAM256	15.60	16.40		PASS
n41	ant2	30	30	518598	39@19	CP_QAM256	9.79	3.79		PASS
n41	sum	30	30	518598	39@19	CP_QAM256	16.61	16.63	33	PASS
n41	ant1	30	30	518598	1@1	CP_QAM256	15.78	16.58		PASS
n41	ant2	30	30	518598	1@1	CP_QAM256	9.90	3.90		PASS
n41	sum	30	30	518598	1@1	CP_QAM256	16.78	16.81	33	PASS
n41	ant1	30	30	518598	1@76	CP_QAM256	16.05	16.85		PASS
n41	ant2	30	30	518598	1@76	CP_QAM256	10.14	4.14		PASS
n41	sum	30	30	518598	1@76	CP_QAM256	17.04	17.08	33	PASS
n41	ant1	30	30	534996	39@19	CP_QPSK	20.57	21.37		PASS
n41	ant2	30	30	534996	39@19	CP_QPSK	15.56	9.56		PASS
n41	sum	30	30	534996	39@19	CP_QPSK	21.76	21.65	33	PASS
n41	ant1	30	30	534996	1@1	CP_QPSK	20.48	21.28		PASS
n41	ant2	30	30	534996	1@1	CP_QPSK	15.76	9.76		PASS
n41	sum	30	30	534996	1@1	CP_QPSK	21.74	21.58	33	PASS
n41	ant1	30	30	534996	1@76	CP_QPSK	20.59	21.39		PASS
n41	ant2	30	30	534996	1@76	CP_QPSK	15.85	9.85		PASS
n41	sum	30	30	534996	1@76	CP_QPSK	21.85	21.68	33	PASS
n41	ant1	30	30	534996	39@19	CP_QAM16	20.01	20.81		PASS
n41	ant2	30	30	534996	39@19	CP_QAM16	15.05	9.05		PASS
n41	sum	30	30	534996	39@19	CP_QAM16	21.21	21.09	33	PASS
n41	ant1	30	30	534996	1@1	CP_QAM16	20.13	20.93		PASS
n41	ant2	30	30	534996	1@1	CP_QAM16	15.25	9.25		PASS
n41	sum	30	30	534996	1@1	CP_QAM16	21.35	21.22	33	PASS
n41	ant1	30	30	534996	1@76	CP_QAM16	20.43	21.23		PASS
n41	ant2	30	30	534996	1@76	CP_QAM16	15.40	9.40		PASS
n41	sum	30	30	534996	1@76	CP_QAM16	21.62	21.51	33	PASS
n41	ant1	30	30	534996	39@19	CP_QAM64	18.66	19.46		PASS
n41	ant2	30	30	534996	39@19	CP_QAM64	13.57	7.57		PASS
n41	sum	30	30	534996	39@19	CP_QAM64	19.83	19.73	33	PASS
n41	ant1	30	30	534996	1@1	CP_QAM64	18.79	19.59		PASS
n41	ant2	30	30	534996	1@1	CP_QAM64	14.11	8.11		PASS
n41	sum	30	30	534996	1@1	CP_QAM64	20.06	19.89	33	PASS
n41	ant1	30	30	534996	1@76	CP_QAM64	19.04	19.84		PASS
n41	ant2	30	30	534996	1@76	CP_QAM64	14.22	8.22		PASS

n41	sum	30	30	534996	1@76	CP_QAM64	20.28	20.13	33	PASS
n41	ant1	30	30	534996	39@19	CP_QAM256	15.53	16.33		PASS
n41	ant2	30	30	534996	39@19	CP_QAM256	10.55	4.55		PASS
n41	sum	30	30	534996	39@19	CP_QAM256	16.73	16.61	33	PASS
n41	ant1	30	30	534996	1@1	CP_QAM256	15.72	16.52		PASS
n41	ant2	30	30	534996	1@1	CP_QAM256	11.08	5.08		PASS
n41	sum	30	30	534996	1@1	CP_QAM256	17.00	16.82	33	PASS
n41	ant1	30	30	534996	1@76	CP_QAM256	16.10	16.90		PASS
n41	ant2	30	30	534996	1@76	CP_QAM256	11.03	5.03		PASS
n41	sum	30	30	534996	1@76	CP_QAM256	17.28	17.17	33	PASS
n41	ant1	30	40	503202	53@26	CP_QPSK	20.83	21.63		PASS
n41	ant2	30	40	503202	53@26	CP_QPSK	15.19	9.19		PASS
n41	sum	30	40	503202	53@26	CP_QPSK	21.88	21.87	33	PASS
n41	ant1	30	40	503202	1@1	CP_QPSK	20.99	21.79		PASS
n41	ant2	30	40	503202	1@1	CP_QPSK	15.60	9.60		PASS
n41	sum	30	40	503202	1@1	CP_QPSK	22.09	22.04	33	PASS
n41	ant1	30	40	503202	1@104	CP_QPSK	20.61	21.41		PASS
n41	ant2	30	40	503202	1@104	CP_QPSK	14.77	8.77		PASS
n41	sum	30	40	503202	1@104	CP_QPSK	21.62	21.64	33	PASS
n41	ant1	30	40	503202	53@26	CP_QAM16	20.22	21.02		PASS
n41	ant2	30	40	503202	53@26	CP_QAM16	14.71	8.71		PASS
n41	sum	30	40	503202	53@26	CP_QAM16	21.30	21.27	33	PASS
n41	ant1	30	40	503202	1@1	CP_QAM16	20.19	20.99		PASS
n41	ant2	30	40	503202	1@1	CP_QAM16	15.33	9.33		PASS
n41	sum	30	40	503202	1@1	CP_QAM16	21.42	21.28	33	PASS
n41	ant1	30	40	503202	1@104	CP_QAM16	20.11	20.91		PASS
n41	ant2	30	40	503202	1@104	CP_QAM16	14.32	8.32		PASS
n41	sum	30	40	503202	1@104	CP_QAM16	21.13	21.14	33	PASS
n41	ant1	30	40	503202	53@26	CP_QAM64	18.69	19.49		PASS
n41	ant2	30	40	503202	53@26	CP_QAM64	13.20	7.20		PASS
n41	sum	30	40	503202	53@26	CP_QAM64	19.77	19.74	33	PASS
n41	ant1	30	40	503202	1@1	CP_QAM64	19.38	20.18		PASS
n41	ant2	30	40	503202	1@1	CP_QAM64	13.55	7.55		PASS
n41	sum	30	40	503202	1@1	CP_QAM64	20.39	20.41	33	PASS
n41	ant1	30	40	503202	1@104	CP_QAM64	19.12	19.92		PASS
n41	ant2	30	40	503202	1@104	CP_QAM64	13.19	7.19		PASS
n41	sum	30	40	503202	1@104	CP_QAM64	20.11	20.15	33	PASS
n41	ant1	30	40	503202	53@26	CP_QAM256	15.64	16.44		PASS
n41	ant2	30	40	503202	53@26	CP_QAM256	10.17	4.17		PASS
n41	sum	30	40	503202	53@26	CP_QAM256	16.72	16.69	33	PASS
n41	ant1	30	40	503202	1@1	CP_QAM256	16.17	16.97		PASS
n41	ant2	30	40	503202	1@1	CP_QAM256	10.80	4.80		PASS

n41	sum	30	40	503202	1@1	CP_QAM256	17.28	17.23	33	PASS
n41	ant1	30	40	503202	1@104	CP_QAM256	16.19	16.99		PASS
n41	ant2	30	40	503202	1@104	CP_QAM256	9.90	3.90		PASS
n41	sum	30	40	503202	1@104	CP_QAM256	17.11	17.20	33	PASS
n41	ant1	30	40	518598	53@26	CP_QPSK	20.56	21.36		PASS
n41	ant2	30	40	518598	53@26	CP_QPSK	14.87	8.87		PASS
n41	sum	30	40	518598	53@26	CP_QPSK	21.60	21.60	33	PASS
n41	ant1	30	40	518598	1@1	CP_QPSK	20.66	21.46		PASS
n41	ant2	30	40	518598	1@1	CP_QPSK	14.50	8.50		PASS
n41	sum	30	40	518598	1@1	CP_QPSK	21.60	21.67	33	PASS
n41	ant1	30	40	518598	1@104	CP_QPSK	20.73	21.53		PASS
n41	ant2	30	40	518598	1@104	CP_QPSK	15.22	9.22		PASS
n41	sum	30	40	518598	1@104	CP_QPSK	21.81	21.78	33	PASS
n41	ant1	30	40	518598	53@26	CP_QAM16	20.07	20.87		PASS
n41	ant2	30	40	518598	53@26	CP_QAM16	14.39	8.39		PASS
n41	sum	30	40	518598	53@26	CP_QAM16	21.11	21.11	33	PASS
n41	ant1	30	40	518598	1@1	CP_QAM16	20.29	21.09		PASS
n41	ant2	30	40	518598	1@1	CP_QAM16	13.71	7.71		PASS
n41	sum	30	40	518598	1@1	CP_QAM16	21.15	21.28	33	PASS
n41	ant1	30	40	518598	1@104	CP_QAM16	20.60	21.40		PASS
n41	ant2	30	40	518598	1@104	CP_QAM16	14.50	8.50		PASS
n41	sum	30	40	518598	1@104	CP_QAM16	21.55	21.62	33	PASS
n41	ant1	30	40	518598	53@26	CP_QAM64	18.69	19.49		PASS
n41	ant2	30	40	518598	53@26	CP_QAM64	12.89	6.89		PASS
n41	sum	30	40	518598	53@26	CP_QAM64	19.70	19.72	33	PASS
n41	ant1	30	40	518598	1@1	CP_QAM64	18.99	19.79		PASS
n41	ant2	30	40	518598	1@1	CP_QAM64	12.73	6.73		PASS
n41	sum	30	40	518598	1@1	CP_QAM64	19.91	20.00	33	PASS
n41	ant1	30	40	518598	1@104	CP_QAM64	19.08	19.88		PASS
n41	ant2	30	40	518598	1@104	CP_QAM64	13.56	7.56		PASS
n41	sum	30	40	518598	1@104	CP_QAM64	20.15	20.13	33	PASS
n41	ant1	30	40	518598	53@26	CP_QAM256	15.59	16.39		PASS
n41	ant2	30	40	518598	53@26	CP_QAM256	9.86	3.86		PASS
n41	sum	30	40	518598	53@26	CP_QAM256	16.62	16.63	33	PASS
n41	ant1	30	40	518598	1@1	CP_QAM256	15.87	16.67		PASS
n41	ant2	30	40	518598	1@1	CP_QAM256	9.78	3.78		PASS
n41	sum	30	40	518598	1@1	CP_QAM256	16.83	16.89	33	PASS
n41	ant1	30	40	518598	1@104	CP_QAM256	16.21	17.01		PASS
n41	ant2	30	40	518598	1@104	CP_QAM256	10.34	4.34		PASS
n41	sum	30	40	518598	1@104	CP_QAM256	17.21	17.24	33	PASS
n41	ant1	30	40	534000	53@26	CP_QPSK	20.73	21.53		PASS
n41	ant2	30	40	534000	53@26	CP_QPSK	15.62	9.62		PASS

n41	sum	30	40	534000	53@26	CP_QPSK	21.90	21.80	33	PASS
n41	ant1	30	40	534000	1@1	CP_QPSK	20.63	21.43		PASS
n41	ant2	30	40	534000	1@1	CP_QPSK	15.84	9.84		PASS
n41	sum	30	40	534000	1@1	CP_QPSK	21.87	21.72	33	PASS
n41	ant1	30	40	534000	1@104	CP_QPSK	20.77	21.57		PASS
n41	ant2	30	40	534000	1@104	CP_QPSK	16.04	10.04		PASS
n41	sum	30	40	534000	1@104	CP_QPSK	22.03	21.87	33	PASS
n41	ant1	30	40	534000	53@26	CP_QAM16	20.21	21.01		PASS
n41	ant2	30	40	534000	53@26	CP_QAM16	15.14	9.14		PASS
n41	sum	30	40	534000	53@26	CP_QAM16	21.39	21.28	33	PASS
n41	ant1	30	40	534000	1@1	CP_QAM16	20.40	21.20		PASS
n41	ant2	30	40	534000	1@1	CP_QAM16	15.34	9.34		PASS
n41	sum	30	40	534000	1@1	CP_QAM16	21.58	21.47	33	PASS
n41	ant1	30	40	534000	1@104	CP_QAM16	20.51	21.31		PASS
n41	ant2	30	40	534000	1@104	CP_QAM16	15.41	9.41		PASS
n41	sum	30	40	534000	1@104	CP_QAM16	21.68	21.58	33	PASS
n41	ant1	30	40	534000	53@26	CP_QAM64	18.81	19.61		PASS
n41	ant2	30	40	534000	53@26	CP_QAM64	13.64	7.64		PASS
n41	sum	30	40	534000	53@26	CP_QAM64	19.96	19.88	33	PASS
n41	ant1	30	40	534000	1@1	CP_QAM64	19.15	19.95		PASS
n41	ant2	30	40	534000	1@1	CP_QAM64	13.84	7.84		PASS
n41	sum	30	40	534000	1@1	CP_QAM64	20.27	20.21	33	PASS
n41	ant1	30	40	534000	1@104	CP_QAM64	19.31	20.11		PASS
n41	ant2	30	40	534000	1@104	CP_QAM64	14.00	8.00		PASS
n41	sum	30	40	534000	1@104	CP_QAM64	20.43	20.37	33	PASS
n41	ant1	30	40	534000	53@26	CP_QAM256	15.84	16.64		PASS
n41	ant2	30	40	534000	53@26	CP_QAM256	10.58	4.58		PASS
n41	sum	30	40	534000	53@26	CP_QAM256	16.97	16.90	33	PASS
n41	ant1	30	40	534000	1@1	CP_QAM256	15.87	16.67		PASS
n41	ant2	30	40	534000	1@1	CP_QAM256	11.04	5.04		PASS
n41	sum	30	40	534000	1@1	CP_QAM256	17.10	16.96	33	PASS
n41	ant1	30	40	534000	1@104	CP_QAM256	16.15	16.95		PASS
n41	ant2	30	40	534000	1@104	CP_QAM256	11.01	5.01		PASS
n41	sum	30	40	534000	1@104	CP_QAM256	17.31	17.22	33	PASS
n41	ant1	30	50	504204	67@33	CP_QPSK	20.66	21.46		PASS
n41	ant2	30	50	504204	67@33	CP_QPSK	14.92	8.92		PASS
n41	sum	30	50	504204	67@33	CP_QPSK	21.69	21.70	33	PASS
n41	ant1	30	50	504204	1@1	CP_QPSK	20.64	21.44		PASS
n41	ant2	30	50	504204	1@1	CP_QPSK	15.34	9.34		PASS
n41	sum	30	50	504204	1@1	CP_QPSK	21.76	21.70	33	PASS
n41	ant1	30	50	504204	1@131	CP_QPSK	20.55	21.35		PASS
n41	ant2	30	50	504204	1@131	CP_QPSK	14.93	8.93		PASS

n41	sum	30	50	504204	1@131	CP_QPSK	21.60	21.59	33	PASS
n41	ant1	30	50	504204	67@33	CP_QAM16	20.15	20.95		PASS
n41	ant2	30	50	504204	67@33	CP_QAM16	14.38	8.38		PASS
n41	sum	30	50	504204	67@33	CP_QAM16	21.17	21.18	33	PASS
n41	ant1	30	50	504204	1@1	CP_QAM16	20.44	21.24		PASS
n41	ant2	30	50	504204	1@1	CP_QAM16	14.96	8.96		PASS
n41	sum	30	50	504204	1@1	CP_QAM16	21.52	21.49	33	PASS
n41	ant1	30	50	504204	1@131	CP_QAM16	20.22	21.02		PASS
n41	ant2	30	50	504204	1@131	CP_QAM16	14.36	8.36		PASS
n41	sum	30	50	504204	1@131	CP_QAM16	21.22	21.25	33	PASS
n41	ant1	30	50	504204	67@33	CP_QAM64	18.65	19.45		PASS
n41	ant2	30	50	504204	67@33	CP_QAM64	12.85	6.85		PASS
n41	sum	30	50	504204	67@33	CP_QAM64	19.66	19.68	33	PASS
n41	ant1	30	50	504204	1@1	CP_QAM64	19.04	19.84		PASS
n41	ant2	30	50	504204	1@1	CP_QAM64	13.69	7.69		PASS
n41	sum	30	50	504204	1@1	CP_QAM64	20.15	20.10	33	PASS
n41	ant1	30	50	504204	1@131	CP_QAM64	18.88	19.68		PASS
n41	ant2	30	50	504204	1@131	CP_QAM64	12.97	6.97		PASS
n41	sum	30	50	504204	1@131	CP_QAM64	19.87	19.91	33	PASS
n41	ant1	30	50	504204	67@33	CP_QAM256	15.67	16.47		PASS
n41	ant2	30	50	504204	67@33	CP_QAM256	9.85	3.85		PASS
n41	sum	30	50	504204	67@33	CP_QAM256	16.68	16.70	33	PASS
n41	ant1	30	50	504204	1@1	CP_QAM256	16.24	17.04		PASS
n41	ant2	30	50	504204	1@1	CP_QAM256	10.55	4.55		PASS
n41	sum	30	50	504204	1@1	CP_QAM256	17.28	17.28	33	PASS
n41	ant1	30	50	504204	1@131	CP_QAM256	15.97	16.77		PASS
n41	ant2	30	50	504204	1@131	CP_QAM256	9.93	3.93		PASS
n41	sum	30	50	504204	1@131	CP_QAM256	16.94	16.99	33	PASS
n41	ant1	30	50	518598	67@33	CP_QPSK	20.60	21.40		PASS
n41	ant2	30	50	518598	67@33	CP_QPSK	14.72	8.72		PASS
n41	sum	30	50	518598	67@33	CP_QPSK	21.60	21.63	33	PASS
n41	ant1	30	50	518598	1@1	CP_QPSK	20.50	21.30		PASS
n41	ant2	30	50	518598	1@1	CP_QPSK	14.30	8.30		PASS
n41	sum	30	50	518598	1@1	CP_QPSK	21.43	21.51	33	PASS
n41	ant1	30	50	518598	1@131	CP_QPSK	20.58	21.38		PASS
n41	ant2	30	50	518598	1@131	CP_QPSK	15.35	9.35		PASS
n41	sum	30	50	518598	1@131	CP_QPSK	21.72	21.64	33	PASS
n41	ant1	30	50	518598	67@33	CP_QAM16	20.02	20.82		PASS
n41	ant2	30	50	518598	67@33	CP_QAM16	14.23	8.23		PASS
n41	sum	30	50	518598	67@33	CP_QAM16	21.04	21.05	33	PASS
n41	ant1	30	50	518598	1@1	CP_QAM16	20.26	21.06		PASS
n41	ant2	30	50	518598	1@1	CP_QAM16	13.57	7.57		PASS

n41	sum	30	50	518598	1@1	CP_QAM16	21.10	21.25	33	PASS
n41	ant1	30	50	518598	1@131	CP_QAM16	20.34	21.14		PASS
n41	ant2	30	50	518598	1@131	CP_QAM16	14.62	8.62		PASS
n41	sum	30	50	518598	1@131	CP_QAM16	21.37	21.38	33	PASS
n41	ant1	30	50	518598	67@33	CP_QAM64	18.65	19.45		PASS
n41	ant2	30	50	518598	67@33	CP_QAM64	12.77	6.77		PASS
n41	sum	30	50	518598	67@33	CP_QAM64	19.65	19.68	33	PASS
n41	ant1	30	50	518598	1@1	CP_QAM64	18.98	19.78		PASS
n41	ant2	30	50	518598	1@1	CP_QAM64	13.04	7.04		PASS
n41	sum	30	50	518598	1@1	CP_QAM64	19.97	20.01	33	PASS
n41	ant1	30	50	518598	1@131	CP_QAM64	18.89	19.69		PASS
n41	ant2	30	50	518598	1@131	CP_QAM64	13.68	7.68		PASS
n41	sum	30	50	518598	1@131	CP_QAM64	20.03	19.96	33	PASS
n41	ant1	30	50	518598	67@33	CP_QAM256	15.53	16.33		PASS
n41	ant2	30	50	518598	67@33	CP_QAM256	9.75	3.75		PASS
n41	sum	30	50	518598	67@33	CP_QAM256	16.55	16.56	33	PASS
n41	ant1	30	50	518598	1@1	CP_QAM256	15.92	16.72		PASS
n41	ant2	30	50	518598	1@1	CP_QAM256	9.45	3.45		PASS
n41	sum	30	50	518598	1@1	CP_QAM256	16.80	16.92	33	PASS
n41	ant1	30	50	518598	1@131	CP_QAM256	16.06	16.86		PASS
n41	ant2	30	50	518598	1@131	CP_QAM256	10.43	4.43		PASS
n41	sum	30	50	518598	1@131	CP_QAM256	17.11	17.10	33	PASS
n41	ant1	30	50	532998	67@33	CP_QPSK	20.48	21.28		PASS
n41	ant2	30	50	532998	67@33	CP_QPSK	15.70	9.70		PASS
n41	sum	30	50	532998	67@33	CP_QPSK	21.73	21.57	33	PASS
n41	ant1	30	50	532998	1@1	CP_QPSK	20.61	21.41		PASS
n41	ant2	30	50	532998	1@1	CP_QPSK	15.36	9.36		PASS
n41	sum	30	50	532998	1@1	CP_QPSK	21.74	21.67	33	PASS
n41	ant1	30	50	532998	1@131	CP_QPSK	20.63	21.43		PASS
n41	ant2	30	50	532998	1@131	CP_QPSK	15.81	9.81		PASS
n41	sum	30	50	532998	1@131	CP_QPSK	21.87	21.72	33	PASS
n41	ant1	30	50	532998	67@33	CP_QAM16	20.08	20.88		PASS
n41	ant2	30	50	532998	67@33	CP_QAM16	15.15	9.15		PASS
n41	sum	30	50	532998	67@33	CP_QAM16	21.29	21.16	33	PASS
n41	ant1	30	50	532998	1@1	CP_QAM16	20.39	21.19		PASS
n41	ant2	30	50	532998	1@1	CP_QAM16	14.70	8.70		PASS
n41	sum	30	50	532998	1@1	CP_QAM16	21.43	21.43	33	PASS
n41	ant1	30	50	532998	1@131	CP_QAM16	20.49	21.29		PASS
n41	ant2	30	50	532998	1@131	CP_QAM16	15.19	9.19		PASS
n41	sum	30	50	532998	1@131	CP_QAM16	21.61	21.55	33	PASS
n41	ant1	30	50	532998	67@33	CP_QAM64	18.55	19.35		PASS
n41	ant2	30	50	532998	67@33	CP_QAM64	13.65	7.65		PASS

n41	sum	30	50	532998	67@33	CP_QAM64	19.77	19.63	33	PASS
n41	ant1	30	50	532998	1@1	CP_QAM64	19.05	19.85		PASS
n41	ant2	30	50	532998	1@1	CP_QAM64	13.61	7.61		PASS
n41	sum	30	50	532998	1@1	CP_QAM64	20.14	20.10	33	PASS
n41	ant1	30	50	532998	1@131	CP_QAM64	19.20	20.00		PASS
n41	ant2	30	50	532998	1@131	CP_QAM64	14.04	8.04		PASS
n41	sum	30	50	532998	1@131	CP_QAM64	20.36	20.27	33	PASS
n41	ant1	30	50	532998	67@33	CP_QAM256	15.63	16.43		PASS
n41	ant2	30	50	532998	67@33	CP_QAM256	10.72	4.72		PASS
n41	sum	30	50	532998	67@33	CP_QAM256	16.85	16.71	33	PASS
n41	ant1	30	50	532998	1@1	CP_QAM256	15.79	16.59		PASS
n41	ant2	30	50	532998	1@1	CP_QAM256	10.51	4.51		PASS
n41	sum	30	50	532998	1@1	CP_QAM256	16.92	16.85	33	PASS
n41	ant1	30	50	532998	1@131	CP_QAM256	15.80	16.60		PASS
n41	ant2	30	50	532998	1@131	CP_QAM256	10.93	4.93		PASS
n41	sum	30	50	532998	1@131	CP_QAM256	17.02	16.89	33	PASS
n41	ant1	30	60	505200	81@40	CP_QPSK	20.60	21.40		PASS
n41	ant2	30	60	505200	81@40	CP_QPSK	14.79	8.79		PASS
n41	sum	30	60	505200	81@40	CP_QPSK	21.61	21.63	33	PASS
n41	ant1	30	60	505200	1@1	CP_QPSK	20.57	21.37		PASS
n41	ant2	30	60	505200	1@1	CP_QPSK	15.28	9.28		PASS
n41	sum	30	60	505200	1@1	CP_QPSK	21.70	21.63	33	PASS
n41	ant1	30	60	505200	1@160	CP_QPSK	20.46	21.26		PASS
n41	ant2	30	60	505200	1@160	CP_QPSK	14.59	8.59		PASS
n41	sum	30	60	505200	1@160	CP_QPSK	21.46	21.49	33	PASS
n41	ant1	30	60	505200	81@40	CP_QAM16	20.01	20.81		PASS
n41	ant2	30	60	505200	81@40	CP_QAM16	14.18	8.18		PASS
n41	sum	30	60	505200	81@40	CP_QAM16	21.02	21.04	33	PASS
n41	ant1	30	60	505200	1@1	CP_QAM16	20.31	21.11		PASS
n41	ant2	30	60	505200	1@1	CP_QAM16	14.50	8.50		PASS
n41	sum	30	60	505200	1@1	CP_QAM16	21.32	21.34	33	PASS
n41	ant1	30	60	505200	1@160	CP_QAM16	20.13	20.93		PASS
n41	ant2	30	60	505200	1@160	CP_QAM16	13.90	7.90		PASS
n41	sum	30	60	505200	1@160	CP_QAM16	21.06	21.14	33	PASS
n41	ant1	30	60	505200	81@40	CP_QAM64	18.54	19.34		PASS
n41	ant2	30	60	505200	81@40	CP_QAM64	12.72	6.72		PASS
n41	sum	30	60	505200	81@40	CP_QAM64	19.55	19.57	33	PASS
n41	ant1	30	60	505200	1@1	CP_QAM64	18.95	19.75		PASS
n41	ant2	30	60	505200	1@1	CP_QAM64	13.72	7.72		PASS
n41	sum	30	60	505200	1@1	CP_QAM64	20.09	20.01	33	PASS
n41	ant1	30	60	505200	1@160	CP_QAM64	19.00	19.80		PASS
n41	ant2	30	60	505200	1@160	CP_QAM64	12.96	6.96		PASS

n41	sum	30	60	505200	1@160	CP_QAM64	19.97	20.02	33	PASS
n41	ant1	30	60	505200	81@40	CP_QAM256	15.55	16.35		PASS
n41	ant2	30	60	505200	81@40	CP_QAM256	9.88	3.88		PASS
n41	sum	30	60	505200	81@40	CP_QAM256	16.59	16.59	33	PASS
n41	ant1	30	60	505200	1@1	CP_QAM256	16.17	16.97		PASS
n41	ant2	30	60	505200	1@1	CP_QAM256	10.80	4.80		PASS
n41	sum	30	60	505200	1@1	CP_QAM256	17.28	17.23	33	PASS
n41	ant1	30	60	505200	1@160	CP_QAM256	15.80	16.60		PASS
n41	ant2	30	60	505200	1@160	CP_QAM256	9.62	3.62		PASS
n41	sum	30	60	505200	1@160	CP_QAM256	16.74	16.81	33	PASS
n41	ant1	30	60	518598	81@40	CP_QPSK	20.59	21.39		PASS
n41	ant2	30	60	518598	81@40	CP_QPSK	14.72	8.72		PASS
n41	sum	30	60	518598	81@40	CP_QPSK	21.59	21.62	33	PASS
n41	ant1	30	60	518598	1@1	CP_QPSK	20.55	21.35		PASS
n41	ant2	30	60	518598	1@1	CP_QPSK	14.29	8.29		PASS
n41	sum	30	60	518598	1@1	CP_QPSK	21.47	21.56	33	PASS
n41	ant1	30	60	518598	1@160	CP_QPSK	20.33	21.13		PASS
n41	ant2	30	60	518598	1@160	CP_QPSK	15.60	9.60		PASS
n41	sum	30	60	518598	1@160	CP_QPSK	21.59	21.43	33	PASS
n41	ant1	30	60	518598	81@40	CP_QAM16	20.08	20.88		PASS
n41	ant2	30	60	518598	81@40	CP_QAM16	14.22	8.22		PASS
n41	sum	30	60	518598	81@40	CP_QAM16	21.08	21.11	33	PASS
n41	ant1	30	60	518598	1@1	CP_QAM16	19.92	20.72		PASS
n41	ant2	30	60	518598	1@1	CP_QAM16	13.97	7.97		PASS
n41	sum	30	60	518598	1@1	CP_QAM16	20.90	20.94	33	PASS
n41	ant1	30	60	518598	1@160	CP_QAM16	19.76	20.56		PASS
n41	ant2	30	60	518598	1@160	CP_QAM16	15.20	9.20		PASS
n41	sum	30	60	518598	1@160	CP_QAM16	21.06	20.87	33	PASS
n41	ant1	30	60	518598	81@40	CP_QAM64	18.56	19.36		PASS
n41	ant2	30	60	518598	81@40	CP_QAM64	12.72	6.72		PASS
n41	sum	30	60	518598	81@40	CP_QAM64	19.57	19.59	33	PASS
n41	ant1	30	60	518598	1@1	CP_QAM64	19.08	19.88		PASS
n41	ant2	30	60	518598	1@1	CP_QAM64	12.34	6.34		PASS
n41	sum	30	60	518598	1@1	CP_QAM64	19.91	20.07	33	PASS
n41	ant1	30	60	518598	1@160	CP_QAM64	18.84	19.64		PASS
n41	ant2	30	60	518598	1@160	CP_QAM64	13.78	7.78		PASS
n41	sum	30	60	518598	1@160	CP_QAM64	20.02	19.91	33	PASS
n41	ant1	30	60	518598	81@40	CP_QAM256	15.60	16.40		PASS
n41	ant2	30	60	518598	81@40	CP_QAM256	9.70	3.70		PASS
n41	sum	30	60	518598	81@40	CP_QAM256	16.59	16.63	33	PASS
n41	ant1	30	60	518598	1@1	CP_QAM256	15.81	16.61		PASS
n41	ant2	30	60	518598	1@1	CP_QAM256	9.43	3.43		PASS

n41	sum	30	60	518598	1@1	CP_QAM256	16.71	16.81	33	PASS
n41	ant1	30	60	518598	1@160	CP_QAM256	15.70	16.50		PASS
n41	ant2	30	60	518598	1@160	CP_QAM256	10.79	4.79		PASS
n41	sum	30	60	518598	1@160	CP_QAM256	16.92	16.78	33	PASS
n41	ant1	30	60	531996	81@40	CP_QPSK	20.46	21.26		PASS
n41	ant2	30	60	531996	81@40	CP_QPSK	15.71	9.71		PASS
n41	sum	30	60	531996	81@40	CP_QPSK	21.71	21.55	33	PASS
n41	ant1	30	60	531996	1@1	CP_QPSK	20.52	21.32		PASS
n41	ant2	30	60	531996	1@1	CP_QPSK	15.51	9.51		PASS
n41	sum	30	60	531996	1@1	CP_QPSK	21.71	21.60	33	PASS
n41	ant1	30	60	531996	1@160	CP_QPSK	20.53	21.33		PASS
n41	ant2	30	60	531996	1@160	CP_QPSK	15.72	9.72		PASS
n41	sum	30	60	531996	1@160	CP_QPSK	21.77	21.62	33	PASS
n41	ant1	30	60	531996	81@40	CP_QAM16	19.94	20.74		PASS
n41	ant2	30	60	531996	81@40	CP_QAM16	15.11	9.11		PASS
n41	sum	30	60	531996	81@40	CP_QAM16	21.17	21.03	33	PASS
n41	ant1	30	60	531996	1@1	CP_QAM16	19.95	20.75		PASS
n41	ant2	30	60	531996	1@1	CP_QAM16	14.92	8.92		PASS
n41	sum	30	60	531996	1@1	CP_QAM16	21.14	21.03	33	PASS
n41	ant1	30	60	531996	1@160	CP_QAM16	19.87	20.67		PASS
n41	ant2	30	60	531996	1@160	CP_QAM16	15.25	9.25		PASS
n41	sum	30	60	531996	1@160	CP_QAM16	21.16	20.97	33	PASS
n41	ant1	30	60	531996	81@40	CP_QAM64	18.48	19.28		PASS
n41	ant2	30	60	531996	81@40	CP_QAM64	13.65	7.65		PASS
n41	sum	30	60	531996	81@40	CP_QAM64	19.71	19.57	33	PASS
n41	ant1	30	60	531996	1@1	CP_QAM64	18.93	19.73		PASS
n41	ant2	30	60	531996	1@1	CP_QAM64	13.52	7.52		PASS
n41	sum	30	60	531996	1@1	CP_QAM64	20.03	19.98	33	PASS
n41	ant1	30	60	531996	1@160	CP_QAM64	19.15	19.95		PASS
n41	ant2	30	60	531996	1@160	CP_QAM64	13.71	7.71		PASS
n41	sum	30	60	531996	1@160	CP_QAM64	20.24	20.20	33	PASS
n41	ant1	30	60	531996	81@40	CP_QAM256	15.54	16.34		PASS
n41	ant2	30	60	531996	81@40	CP_QAM256	10.57	4.57		PASS
n41	sum	30	60	531996	81@40	CP_QAM256	16.74	16.62	33	PASS
n41	ant1	30	60	531996	1@1	CP_QAM256	15.77	16.57		PASS
n41	ant2	30	60	531996	1@1	CP_QAM256	10.51	4.51		PASS
n41	sum	30	60	531996	1@1	CP_QAM256	16.90	16.83	33	PASS
n41	ant1	30	60	531996	1@160	CP_QAM256	15.81	16.61		PASS
n41	ant2	30	60	531996	1@160	CP_QAM256	10.82	4.82		PASS
n41	sum	30	60	531996	1@160	CP_QAM256	17.01	16.89	33	PASS
n41	ant1	30	80	507204	109@54	CP_QPSK	20.30	21.10		PASS
n41	ant2	30	80	507204	109@54	CP_QPSK	14.51	8.51		PASS

n41	sum	30	80	507204	109@54	CP_QPSK	21.32	21.33	33	PASS
n41	ant1	30	80	507204	1@1	CP_QPSK	20.47	21.27		PASS
n41	ant2	30	80	507204	1@1	CP_QPSK	14.97	8.97		PASS
n41	sum	30	80	507204	1@1	CP_QPSK	21.55	21.52	33	PASS
n41	ant1	30	80	507204	1@215	CP_QPSK	20.32	21.12		PASS
n41	ant2	30	80	507204	1@215	CP_QPSK	14.18	8.18		PASS
n41	sum	30	80	507204	1@215	CP_QPSK	21.27	21.34	33	PASS
n41	ant1	30	80	507204	109@54	CP_QAM16	19.91	20.71		PASS
n41	ant2	30	80	507204	109@54	CP_QAM16	14.06	8.06		PASS
n41	sum	30	80	507204	109@54	CP_QAM16	20.91	20.94	33	PASS
n41	ant1	30	80	507204	1@1	CP_QAM16	20.27	21.07		PASS
n41	ant2	30	80	507204	1@1	CP_QAM16	14.80	8.80		PASS
n41	sum	30	80	507204	1@1	CP_QAM16	21.35	21.32	33	PASS
n41	ant1	30	80	507204	1@215	CP_QAM16	20.18	20.98		PASS
n41	ant2	30	80	507204	1@215	CP_QAM16	13.83	7.83		PASS
n41	sum	30	80	507204	1@215	CP_QAM16	21.09	21.19	33	PASS
n41	ant1	30	80	507204	109@54	CP_QAM64	18.26	19.06		PASS
n41	ant2	30	80	507204	109@54	CP_QAM64	12.48	6.48		PASS
n41	sum	30	80	507204	109@54	CP_QAM64	19.28	19.29	33	PASS
n41	ant1	30	80	507204	1@1	CP_QAM64	18.85	19.65		PASS
n41	ant2	30	80	507204	1@1	CP_QAM64	13.18	7.18		PASS
n41	sum	30	80	507204	1@1	CP_QAM64	19.89	19.89	33	PASS
n41	ant1	30	80	507204	1@215	CP_QAM64	18.70	19.50		PASS
n41	ant2	30	80	507204	1@215	CP_QAM64	12.54	6.54		PASS
n41	sum	30	80	507204	1@215	CP_QAM64	19.64	19.71	33	PASS
n41	ant1	30	80	507204	109@54	CP_QAM256	15.36	16.16		PASS
n41	ant2	30	80	507204	109@54	CP_QAM256	9.53	3.53		PASS
n41	sum	30	80	507204	109@54	CP_QAM256	16.37	16.39	33	PASS
n41	ant1	30	80	507204	1@1	CP_QAM256	16.03	16.83		PASS
n41	ant2	30	80	507204	1@1	CP_QAM256	10.59	4.59		PASS
n41	sum	30	80	507204	1@1	CP_QAM256	17.12	17.08	33	PASS
n41	ant1	30	80	507204	1@215	CP_QAM256	15.86	16.66		PASS
n41	ant2	30	80	507204	1@215	CP_QAM256	9.27	3.27		PASS
n41	sum	30	80	507204	1@215	CP_QAM256	16.72	16.85	33	PASS
n41	ant1	30	80	518598	109@54	CP_QPSK	20.47	21.27		PASS
n41	ant2	30	80	518598	109@54	CP_QPSK	14.58	8.58		PASS
n41	sum	30	80	518598	109@54	CP_QPSK	21.47	21.50	33	PASS
n41	ant1	30	80	518598	1@1	CP_QPSK	20.39	21.19		PASS
n41	ant2	30	80	518598	1@1	CP_QPSK	14.62	8.62		PASS
n41	sum	30	80	518598	1@1	CP_QPSK	21.41	21.42	33	PASS
n41	ant1	30	80	518598	1@215	CP_QPSK	20.37	21.17		PASS
n41	ant2	30	80	518598	1@215	CP_QPSK	15.41	9.41		PASS

n41	sum	30	80	518598	1@215	CP_QPSK	21.57	21.45	33	PASS
n41	ant1	30	80	518598	109@54	CP_QAM16	19.93	20.73		PASS
n41	ant2	30	80	518598	109@54	CP_QAM16	14.11	8.11		PASS
n41	sum	30	80	518598	109@54	CP_QAM16	20.94	20.96	33	PASS
n41	ant1	30	80	518598	1@1	CP_QAM16	20.13	20.93		PASS
n41	ant2	30	80	518598	1@1	CP_QAM16	13.87	7.87		PASS
n41	sum	30	80	518598	1@1	CP_QAM16	21.05	21.14	33	PASS
n41	ant1	30	80	518598	1@215	CP_QAM16	20.35	21.15		PASS
n41	ant2	30	80	518598	1@215	CP_QAM16	14.71	8.71		PASS
n41	sum	30	80	518598	1@215	CP_QAM16	21.40	21.39	33	PASS
n41	ant1	30	80	518598	109@54	CP_QAM64	18.47	19.27		PASS
n41	ant2	30	80	518598	109@54	CP_QAM64	12.58	6.58		PASS
n41	sum	30	80	518598	109@54	CP_QAM64	19.47	19.50	33	PASS
n41	ant1	30	80	518598	1@1	CP_QAM64	19.01	19.81		PASS
n41	ant2	30	80	518598	1@1	CP_QAM64	12.62	6.62		PASS
n41	sum	30	80	518598	1@1	CP_QAM64	19.91	20.01	33	PASS
n41	ant1	30	80	518598	1@215	CP_QAM64	18.97	19.77		PASS
n41	ant2	30	80	518598	1@215	CP_QAM64	13.60	7.60		PASS
n41	sum	30	80	518598	1@215	CP_QAM64	20.08	20.03	33	PASS
n41	ant1	30	80	518598	109@54	CP_QAM256	15.38	16.18		PASS
n41	ant2	30	80	518598	109@54	CP_QAM256	9.67	3.67		PASS
n41	sum	30	80	518598	109@54	CP_QAM256	16.41	16.42	33	PASS
n41	ant1	30	80	518598	1@1	CP_QAM256	15.72	16.52		PASS
n41	ant2	30	80	518598	1@1	CP_QAM256	9.78	3.78		PASS
n41	sum	30	80	518598	1@1	CP_QAM256	16.71	16.75	33	PASS
n41	ant1	30	80	518598	1@215	CP_QAM256	15.62	16.42		PASS
n41	ant2	30	80	518598	1@215	CP_QAM256	10.40	4.40		PASS
n41	sum	30	80	518598	1@215	CP_QAM256	16.76	16.68	33	PASS
n41	ant1	30	80	529998	109@54	CP_QPSK	20.33	21.13		PASS
n41	ant2	30	80	529998	109@54	CP_QPSK	15.42	9.42		PASS
n41	sum	30	80	529998	109@54	CP_QPSK	21.55	21.41	33	PASS
n41	ant1	30	80	529998	1@1	CP_QPSK	20.43	21.23		PASS
n41	ant2	30	80	529998	1@1	CP_QPSK	14.93	8.93		PASS
n41	sum	30	80	529998	1@1	CP_QPSK	21.51	21.48	33	PASS
n41	ant1	30	80	529998	1@215	CP_QPSK	20.41	21.21		PASS
n41	ant2	30	80	529998	1@215	CP_QPSK	15.58	9.58		PASS
n41	sum	30	80	529998	1@215	CP_QPSK	21.64	21.50	33	PASS
n41	ant1	30	80	529998	109@54	CP_QAM16	19.96	20.76		PASS
n41	ant2	30	80	529998	109@54	CP_QAM16	14.97	8.97		PASS
n41	sum	30	80	529998	109@54	CP_QAM16	21.16	21.04	33	PASS
n41	ant1	30	80	529998	1@1	CP_QAM16	20.19	20.99		PASS
n41	ant2	30	80	529998	1@1	CP_QAM16	14.39	8.39		PASS

n41	sum	30	80	529998	1@1	CP_QAM16	21.20	21.22	33	PASS
n41	ant1	30	80	529998	1@215	CP_QAM16	20.05	20.85		PASS
n41	ant2	30	80	529998	1@215	CP_QAM16	14.88	8.88		PASS
n41	sum	30	80	529998	1@215	CP_QAM16	21.20	21.12	33	PASS
n41	ant1	30	80	529998	109@54	CP_QAM64	18.42	19.22		PASS
n41	ant2	30	80	529998	109@54	CP_QAM64	13.53	7.53		PASS
n41	sum	30	80	529998	109@54	CP_QAM64	19.64	19.50	33	PASS
n41	ant1	30	80	529998	1@1	CP_QAM64	18.92	19.72		PASS
n41	ant2	30	80	529998	1@1	CP_QAM64	13.14	7.14		PASS
n41	sum	30	80	529998	1@1	CP_QAM64	19.94	19.95	33	PASS
n41	ant1	30	80	529998	1@215	CP_QAM64	19.02	19.82		PASS
n41	ant2	30	80	529998	1@215	CP_QAM64	13.70	7.70		PASS
n41	sum	30	80	529998	1@215	CP_QAM64	20.14	20.08	33	PASS
n41	ant1	30	80	529998	109@54	CP_QAM256	15.61	16.41		PASS
n41	ant2	30	80	529998	109@54	CP_QAM256	10.48	4.48		PASS
n41	sum	30	80	529998	109@54	CP_QAM256	16.77	16.68	33	PASS
n41	ant1	30	80	529998	1@1	CP_QAM256	15.54	16.34		PASS
n41	ant2	30	80	529998	1@1	CP_QAM256	9.89	3.89		PASS
n41	sum	30	80	529998	1@1	CP_QAM256	16.59	16.58	33	PASS
n41	ant1	30	80	529998	1@215	CP_QAM256	15.59	16.39		PASS
n41	ant2	30	80	529998	1@215	CP_QAM256	10.60	4.60		PASS
n41	sum	30	80	529998	1@215	CP_QAM256	16.79	16.67	33	PASS
n41	ant1	30	90	508200	123@61	CP_QPSK	20.32	21.12		PASS
n41	ant2	30	90	508200	123@61	CP_QPSK	14.48	8.48		PASS
n41	sum	30	90	508200	123@61	CP_QPSK	21.33	21.35	33	PASS
n41	ant1	30	90	508200	1@1	CP_QPSK	20.51	21.31		PASS
n41	ant2	30	90	508200	1@1	CP_QPSK	15.44	9.44		PASS
n41	sum	30	90	508200	1@1	CP_QPSK	21.69	21.58	33	PASS
n41	ant1	30	90	508200	1@243	CP_QPSK	20.40	21.20		PASS
n41	ant2	30	90	508200	1@243	CP_QPSK	14.65	8.65		PASS
n41	sum	30	90	508200	1@243	CP_QPSK	21.42	21.43	33	PASS
n41	ant1	30	90	508200	123@61	CP_QAM16	19.86	20.66		PASS
n41	ant2	30	90	508200	123@61	CP_QAM16	13.94	7.94		PASS
n41	sum	30	90	508200	123@61	CP_QAM16	20.85	20.89	33	PASS
n41	ant1	30	90	508200	1@1	CP_QAM16	20.28	21.08		PASS
n41	ant2	30	90	508200	1@1	CP_QAM16	14.41	8.41		PASS
n41	sum	30	90	508200	1@1	CP_QAM16	21.28	21.31	33	PASS
n41	ant1	30	90	508200	1@243	CP_QAM16	20.04	20.84		PASS
n41	ant2	30	90	508200	1@243	CP_QAM16	13.91	7.91		PASS
n41	sum	30	90	508200	1@243	CP_QAM16	20.99	21.06	33	PASS
n41	ant1	30	90	508200	123@61	CP_QAM64	18.38	19.18		PASS
n41	ant2	30	90	508200	123@61	CP_QAM64	12.38	6.38		PASS

n41	sum	30	90	508200	123@61	CP_QAM64	19.35	19.40	33	PASS
n41	ant1	30	90	508200	1@1	CP_QAM64	19.33	20.13		PASS
n41	ant2	30	90	508200	1@1	CP_QAM64	13.34	7.34		PASS
n41	sum	30	90	508200	1@1	CP_QAM64	20.31	20.35	33	PASS
n41	ant1	30	90	508200	1@243	CP_QAM64	18.87	19.67		PASS
n41	ant2	30	90	508200	1@243	CP_QAM64	12.81	6.81		PASS
n41	sum	30	90	508200	1@243	CP_QAM64	19.83	19.89	33	PASS
n41	ant1	30	90	508200	123@61	CP_QAM256	15.38	16.18		PASS
n41	ant2	30	90	508200	123@61	CP_QAM256	9.34	3.34		PASS
n41	sum	30	90	508200	123@61	CP_QAM256	16.35	16.40	33	PASS
n41	ant1	30	90	508200	1@1	CP_QAM256	16.05	16.85		PASS
n41	ant2	30	90	508200	1@1	CP_QAM256	10.29	4.29		PASS
n41	sum	30	90	508200	1@1	CP_QAM256	17.07	17.08	33	PASS
n41	ant1	30	90	508200	1@243	CP_QAM256	15.58	16.38		PASS
n41	ant2	30	90	508200	1@243	CP_QAM256	9.68	3.68		PASS
n41	sum	30	90	508200	1@243	CP_QAM256	16.57	16.61	33	PASS
n41	ant1	30	90	518598	123@61	CP_QPSK	20.48	21.28		PASS
n41	ant2	30	90	518598	123@61	CP_QPSK	14.54	8.54		PASS
n41	sum	30	90	518598	123@61	CP_QPSK	21.47	21.51	33	PASS
n41	ant1	30	90	518598	1@1	CP_QPSK	20.33	21.13		PASS
n41	ant2	30	90	518598	1@1	CP_QPSK	14.71	8.71		PASS
n41	sum	30	90	518598	1@1	CP_QPSK	21.38	21.37	33	PASS
n41	ant1	30	90	518598	1@243	CP_QPSK	20.46	21.26		PASS
n41	ant2	30	90	518598	1@243	CP_QPSK	15.33	9.33		PASS
n41	sum	30	90	518598	1@243	CP_QPSK	21.62	21.53	33	PASS
n41	ant1	30	90	518598	123@61	CP_QAM16	19.95	20.75		PASS
n41	ant2	30	90	518598	123@61	CP_QAM16	14.15	8.15		PASS
n41	sum	30	90	518598	123@61	CP_QAM16	20.96	20.98	33	PASS
n41	ant1	30	90	518598	1@1	CP_QAM16	19.91	20.71		PASS
n41	ant2	30	90	518598	1@1	CP_QAM16	14.23	8.23		PASS
n41	sum	30	90	518598	1@1	CP_QAM16	20.95	20.95	33	PASS
n41	ant1	30	90	518598	1@243	CP_QAM16	20.23	21.03		PASS
n41	ant2	30	90	518598	1@243	CP_QAM16	14.89	8.89		PASS
n41	sum	30	90	518598	1@243	CP_QAM16	21.34	21.29	33	PASS
n41	ant1	30	90	518598	123@61	CP_QAM64	18.39	19.19		PASS
n41	ant2	30	90	518598	123@61	CP_QAM64	12.58	6.58		PASS
n41	sum	30	90	518598	123@61	CP_QAM64	19.40	19.42	33	PASS
n41	ant1	30	90	518598	1@1	CP_QAM64	18.74	19.54		PASS
n41	ant2	30	90	518598	1@1	CP_QAM64	12.71	6.71		PASS
n41	sum	30	90	518598	1@1	CP_QAM64	19.71	19.76	33	PASS
n41	ant1	30	90	518598	1@243	CP_QAM64	18.95	19.75		PASS
n41	ant2	30	90	518598	1@243	CP_QAM64	13.27	7.27		PASS

n41	sum	30	90	518598	1@243	CP_QAM64	19.99	19.99	33	PASS
n41	ant1	30	90	518598	123@61	CP_QAM256	15.39	16.19		PASS
n41	ant2	30	90	518598	123@61	CP_QAM256	9.57	3.57		PASS
n41	sum	30	90	518598	123@61	CP_QAM256	16.40	16.42	33	PASS
n41	ant1	30	90	518598	1@1	CP_QAM256	15.56	16.36		PASS
n41	ant2	30	90	518598	1@1	CP_QAM256	9.63	3.63		PASS
n41	sum	30	90	518598	1@1	CP_QAM256	16.55	16.59	33	PASS
n41	ant1	30	90	518598	1@243	CP_QAM256	15.81	16.61		PASS
n41	ant2	30	90	518598	1@243	CP_QAM256	10.39	4.39		PASS
n41	sum	30	90	518598	1@243	CP_QAM256	16.91	16.86	33	PASS
n41	ant1	30	90	528996	123@61	CP_QPSK	20.40	21.20		PASS
n41	ant2	30	90	528996	123@61	CP_QPSK	15.43	9.43		PASS
n41	sum	30	90	528996	123@61	CP_QPSK	21.60	21.48	33	PASS
n41	ant1	30	90	528996	1@1	CP_QPSK	20.60	21.40		PASS
n41	ant2	30	90	528996	1@1	CP_QPSK	14.60	8.60		PASS
n41	sum	30	90	528996	1@1	CP_QPSK	21.57	21.62	33	PASS
n41	ant1	30	90	528996	1@243	CP_QPSK	20.46	21.26		PASS
n41	ant2	30	90	528996	1@243	CP_QPSK	15.78	9.78		PASS
n41	sum	30	90	528996	1@243	CP_QPSK	21.73	21.56	33	PASS
n41	ant1	30	90	528996	123@61	CP_QAM16	19.95	20.75		PASS
n41	ant2	30	90	528996	123@61	CP_QAM16	14.95	8.95		PASS
n41	sum	30	90	528996	123@61	CP_QAM16	21.14	21.03	33	PASS
n41	ant1	30	90	528996	1@1	CP_QAM16	20.25	21.05		PASS
n41	ant2	30	90	528996	1@1	CP_QAM16	13.65	7.65		PASS
n41	sum	30	90	528996	1@1	CP_QAM16	21.11	21.24	33	PASS
n41	ant1	30	90	528996	1@243	CP_QAM16	20.02	20.82		PASS
n41	ant2	30	90	528996	1@243	CP_QAM16	14.81	8.81		PASS
n41	sum	30	90	528996	1@243	CP_QAM16	21.16	21.09	33	PASS
n41	ant1	30	90	528996	123@61	CP_QAM64	18.40	19.20		PASS
n41	ant2	30	90	528996	123@61	CP_QAM64	13.39	7.39		PASS
n41	sum	30	90	528996	123@61	CP_QAM64	19.59	19.48	33	PASS
n41	ant1	30	90	528996	1@1	CP_QAM64	19.03	19.83		PASS
n41	ant2	30	90	528996	1@1	CP_QAM64	12.60	6.60		PASS
n41	sum	30	90	528996	1@1	CP_QAM64	19.92	20.03	33	PASS
n41	ant1	30	90	528996	1@243	CP_QAM64	18.99	19.79		PASS
n41	ant2	30	90	528996	1@243	CP_QAM64	13.72	7.72		PASS
n41	sum	30	90	528996	1@243	CP_QAM64	20.12	20.05	33	PASS
n41	ant1	30	90	528996	123@61	CP_QAM256	15.59	16.39		PASS
n41	ant2	30	90	528996	123@61	CP_QAM256	10.47	4.47		PASS
n41	sum	30	90	528996	123@61	CP_QAM256	16.75	16.66	33	PASS
n41	ant1	30	90	528996	1@1	CP_QAM256	15.69	16.49		PASS
n41	ant2	30	90	528996	1@1	CP_QAM256	9.50	3.50		PASS

n41	sum	30	90	528996	1@1	CP_QAM256	16.63	16.70	33	PASS
n41	ant1	30	90	528996	1@243	CP_QAM256	15.83	16.63		PASS
n41	ant2	30	90	528996	1@243	CP_QAM256	10.71	4.71		PASS
n41	sum	30	90	528996	1@243	CP_QAM256	16.99	16.90	33	PASS
n41	ant1	30	100	509202	137@68	CP_QPSK	20.28	21.08		PASS
n41	ant2	30	100	509202	137@68	CP_QPSK	14.37	8.37		PASS
n41	sum	30	100	509202	137@68	CP_QPSK	21.27	21.31	33	PASS
n41	ant1	30	100	509202	1@1	CP_QPSK	20.53	21.33		PASS
n41	ant2	30	100	509202	1@1	CP_QPSK	15.20	9.20		PASS
n41	sum	30	100	509202	1@1	CP_QPSK	21.65	21.59	33	PASS
n41	ant1	30	100	509202	1@271	CP_QPSK	20.46	21.26		PASS
n41	ant2	30	100	509202	1@271	CP_QPSK	14.60	8.60		PASS
n41	sum	30	100	509202	1@271	CP_QPSK	21.46	21.49	33	PASS
n41	ant1	30	100	509202	137@68	CP_QAM16	19.93	20.73		PASS
n41	ant2	30	100	509202	137@68	CP_QAM16	13.91	7.91		PASS
n41	sum	30	100	509202	137@68	CP_QAM16	20.90	20.95	33	PASS
n41	ant1	30	100	509202	1@1	CP_QAM16	20.35	21.15		PASS
n41	ant2	30	100	509202	1@1	CP_QAM16	14.47	8.47		PASS
n41	sum	30	100	509202	1@1	CP_QAM16	21.35	21.38	33	PASS
n41	ant1	30	100	509202	1@271	CP_QAM16	20.22	21.02		PASS
n41	ant2	30	100	509202	1@271	CP_QAM16	14.02	8.02		PASS
n41	sum	30	100	509202	1@271	CP_QAM16	21.15	21.23	33	PASS
n41	ant1	30	100	509202	137@68	CP_QAM64	18.33	19.13		PASS
n41	ant2	30	100	509202	137@68	CP_QAM64	12.43	6.43		PASS
n41	sum	30	100	509202	137@68	CP_QAM64	19.32	19.36	33	PASS
n41	ant1	30	100	509202	1@1	CP_QAM64	19.08	19.88		PASS
n41	ant2	30	100	509202	1@1	CP_QAM64	13.38	7.38		PASS
n41	sum	30	100	509202	1@1	CP_QAM64	20.12	20.12	33	PASS
n41	ant1	30	100	509202	1@271	CP_QAM64	19.03	19.83		PASS
n41	ant2	30	100	509202	1@271	CP_QAM64	12.85	6.85		PASS
n41	sum	30	100	509202	1@271	CP_QAM64	19.97	20.04	33	PASS
n41	ant1	30	100	509202	137@68	CP_QAM256	15.52	16.32		PASS
n41	ant2	30	100	509202	137@68	CP_QAM256	9.38	3.38		PASS
n41	sum	30	100	509202	137@68	CP_QAM256	16.47	16.54	33	PASS
n41	ant1	30	100	509202	1@1	CP_QAM256	15.79	16.59		PASS
n41	ant2	30	100	509202	1@1	CP_QAM256	10.36	4.36		PASS
n41	sum	30	100	509202	1@1	CP_QAM256	16.88	16.84	33	PASS
n41	ant1	30	100	509202	1@271	CP_QAM256	15.63	16.43		PASS
n41	ant2	30	100	509202	1@271	CP_QAM256	9.67	3.67		PASS
n41	sum	30	100	509202	1@271	CP_QAM256	16.61	16.65	33	PASS
n41	ant1	30	100	518598	137@68	CP_QPSK	20.39	21.19		PASS
n41	ant2	30	100	518598	137@68	CP_QPSK	14.59	8.59		PASS

n41	sum	30	100	518598	137@68	CP_QPSK	21.40	21.42	33	PASS
n41	ant1	30	100	518598	1@1	CP_QPSK	20.26	21.06		PASS
n41	ant2	30	100	518598	1@1	CP_QPSK	14.54	8.54		PASS
n41	sum	30	100	518598	1@1	CP_QPSK	21.29	21.30	33	PASS
n41	ant1	30	100	518598	1@271	CP_QPSK	20.55	21.35		PASS
n41	ant2	30	100	518598	1@271	CP_QPSK	15.43	9.43		PASS
n41	sum	30	100	518598	1@271	CP_QPSK	21.71	21.62	33	PASS
n41	ant1	30	100	518598	137@68	CP_QAM16	19.90	20.70		PASS
n41	ant2	30	100	518598	137@68	CP_QAM16	14.12	8.12		PASS
n41	sum	30	100	518598	137@68	CP_QAM16	20.92	20.93	33	PASS
n41	ant1	30	100	518598	1@1	CP_QAM16	19.96	20.76		PASS
n41	ant2	30	100	518598	1@1	CP_QAM16	14.09	8.09		PASS
n41	sum	30	100	518598	1@1	CP_QAM16	20.96	20.99	33	PASS
n41	ant1	30	100	518598	1@271	CP_QAM16	20.19	20.99		PASS
n41	ant2	30	100	518598	1@271	CP_QAM16	14.79	8.79		PASS
n41	sum	30	100	518598	1@271	CP_QAM16	21.29	21.24	33	PASS
n41	ant1	30	100	518598	137@68	CP_QAM64	18.42	19.22		PASS
n41	ant2	30	100	518598	137@68	CP_QAM64	12.60	6.60		PASS
n41	sum	30	100	518598	137@68	CP_QAM64	19.43	19.45	33	PASS
n41	ant1	30	100	518598	1@1	CP_QAM64	18.64	19.44		PASS
n41	ant2	30	100	518598	1@1	CP_QAM64	12.79	6.79		PASS
n41	sum	30	100	518598	1@1	CP_QAM64	19.64	19.67	33	PASS
n41	ant1	30	100	518598	1@271	CP_QAM64	18.89	19.69		PASS
n41	ant2	30	100	518598	1@271	CP_QAM64	13.76	7.76		PASS
n41	sum	30	100	518598	1@271	CP_QAM64	20.05	19.96	33	PASS
n41	ant1	30	100	518598	137@68	CP_QAM256	15.42	16.22		PASS
n41	ant2	30	100	518598	137@68	CP_QAM256	9.62	3.62		PASS
n41	sum	30	100	518598	137@68	CP_QAM256	16.43	16.45	33	PASS
n41	ant1	30	100	518598	1@1	CP_QAM256	15.51	16.31		PASS
n41	ant2	30	100	518598	1@1	CP_QAM256	9.59	3.59		PASS
n41	sum	30	100	518598	1@1	CP_QAM256	16.50	16.54	33	PASS
n41	ant1	30	100	518598	1@271	CP_QAM256	15.76	16.56		PASS
n41	ant2	30	100	518598	1@271	CP_QAM256	10.51	4.51		PASS
n41	sum	30	100	518598	1@271	CP_QAM256	16.89	16.82	33	PASS
n41	ant1	30	100	528000	137@68	CP_QPSK	20.41	21.21		PASS
n41	ant2	30	100	528000	137@68	CP_QPSK	15.48	9.48		PASS
n41	sum	30	100	528000	137@68	CP_QPSK	21.62	21.49	33	PASS
n41	ant1	30	100	528000	1@1	CP_QPSK	20.42	21.22		PASS
n41	ant2	30	100	528000	1@1	CP_QPSK	14.60	8.60		PASS
n41	sum	30	100	528000	1@1	CP_QPSK	21.43	21.45	33	PASS
n41	ant1	30	100	528000	1@271	CP_QPSK	20.38	21.18		PASS
n41	ant2	30	100	528000	1@271	CP_QPSK	15.61	9.61		PASS

n41	sum	30	100	528000	1@271	CP_QPSK	21.63	21.47	33	PASS
n41	ant1	30	100	528000	137@68	CP_QAM16	19.96	20.76		PASS
n41	ant2	30	100	528000	137@68	CP_QAM16	14.90	8.90		PASS
n41	sum	30	100	528000	137@68	CP_QAM16	21.14	21.03	33	PASS
n41	ant1	30	100	528000	1@1	CP_QAM16	20.17	20.97		PASS
n41	ant2	30	100	528000	1@1	CP_QAM16	13.94	7.94		PASS
n41	sum	30	100	528000	1@1	CP_QAM16	21.10	21.18	33	PASS
n41	ant1	30	100	528000	1@271	CP_QAM16	20.12	20.92		PASS
n41	ant2	30	100	528000	1@271	CP_QAM16	15.05	9.05		PASS
n41	sum	30	100	528000	1@271	CP_QAM16	21.30	21.19	33	PASS
n41	ant1	30	100	528000	137@68	CP_QAM64	18.45	19.25		PASS
n41	ant2	30	100	528000	137@68	CP_QAM64	13.42	7.42		PASS
n41	sum	30	100	528000	137@68	CP_QAM64	19.64	19.53	33	PASS
n41	ant1	30	100	528000	1@1	CP_QAM64	18.92	19.72		PASS
n41	ant2	30	100	528000	1@1	CP_QAM64	12.66	6.66		PASS
n41	sum	30	100	528000	1@1	CP_QAM64	19.84	19.93	33	PASS
n41	ant1	30	100	528000	1@271	CP_QAM64	18.89	19.69		PASS
n41	ant2	30	100	528000	1@271	CP_QAM64	13.85	7.85		PASS
n41	sum	30	100	528000	1@271	CP_QAM64	20.07	19.97	33	PASS
n41	ant1	30	100	528000	137@68	CP_QAM256	15.43	16.23		PASS
n41	ant2	30	100	528000	137@68	CP_QAM256	10.41	4.41		PASS
n41	sum	30	100	528000	137@68	CP_QAM256	16.62	16.51	33	PASS
n41	ant1	30	100	528000	1@1	CP_QAM256	15.76	16.56		PASS
n41	ant2	30	100	528000	1@1	CP_QAM256	9.92	3.92		PASS
n41	sum	30	100	528000	1@1	CP_QAM256	16.77	16.79	33	PASS
n41	ant1	30	100	528000	1@271	CP_QAM256	15.62	16.42		PASS
n41	ant2	30	100	528000	1@271	CP_QAM256	10.97	4.97		PASS
n41	sum	30	100	528000	1@271	CP_QAM256	16.90	16.72	33	PASS

2 Frequency stability for NR FR1 UL-MIMO

Band	Ant	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
n41	ant1	30	100	518598	137@68	CP_QPSK	-23.72	-1.40	-2.5	2.5	PASS
n41	ant2	30	100	518598	137@68	CP_QPSK	-23.72	0.00	-2.5	2.5	PASS
n41	ant1	30	100	518598	1@1	CP_QPSK	-24.25	-0.01	-2.5	2.5	PASS
n41	ant2	30	100	518598	1@1	CP_QPSK	-25.33	-0.01	-2.5	2.5	PASS
n41	ant1	30	100	518598	1@271	CP_QPSK	-28.19	-0.01	-2.5	2.5	PASS
n41	ant2	30	100	518598	1@271	CP_QPSK	-29.21	-0.01	-2.5	2.5	PASS

3 Peak-to-Average Ratio for NR FR1 UL-MIMO

Band	Ant	SCS	Bandwidth	UL Channel	RB	Modulation	Result (dB)	high Limit	Verdict
------	-----	-----	-----------	------------	----	------------	-------------	------------	---------

JianYan Testing Group Shenzhen Co., Ltd.

No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

300

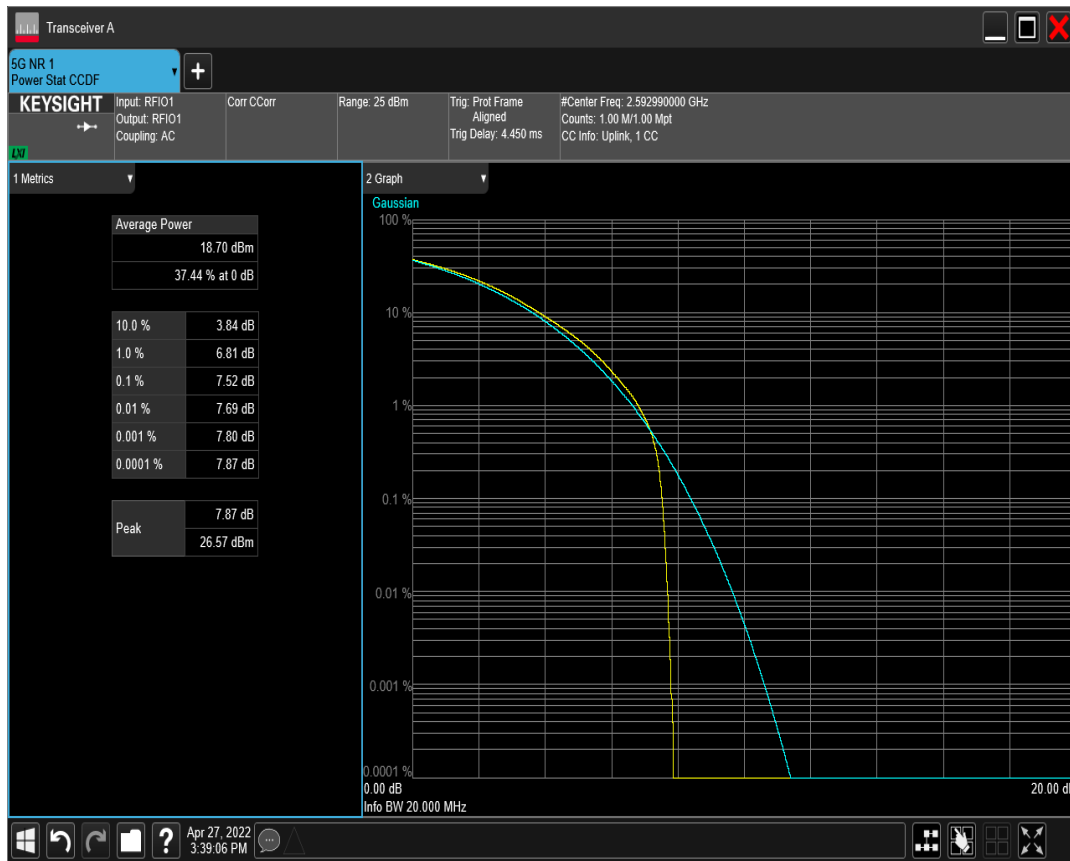
Project No.: JYTSZR2203077

Page 21 of

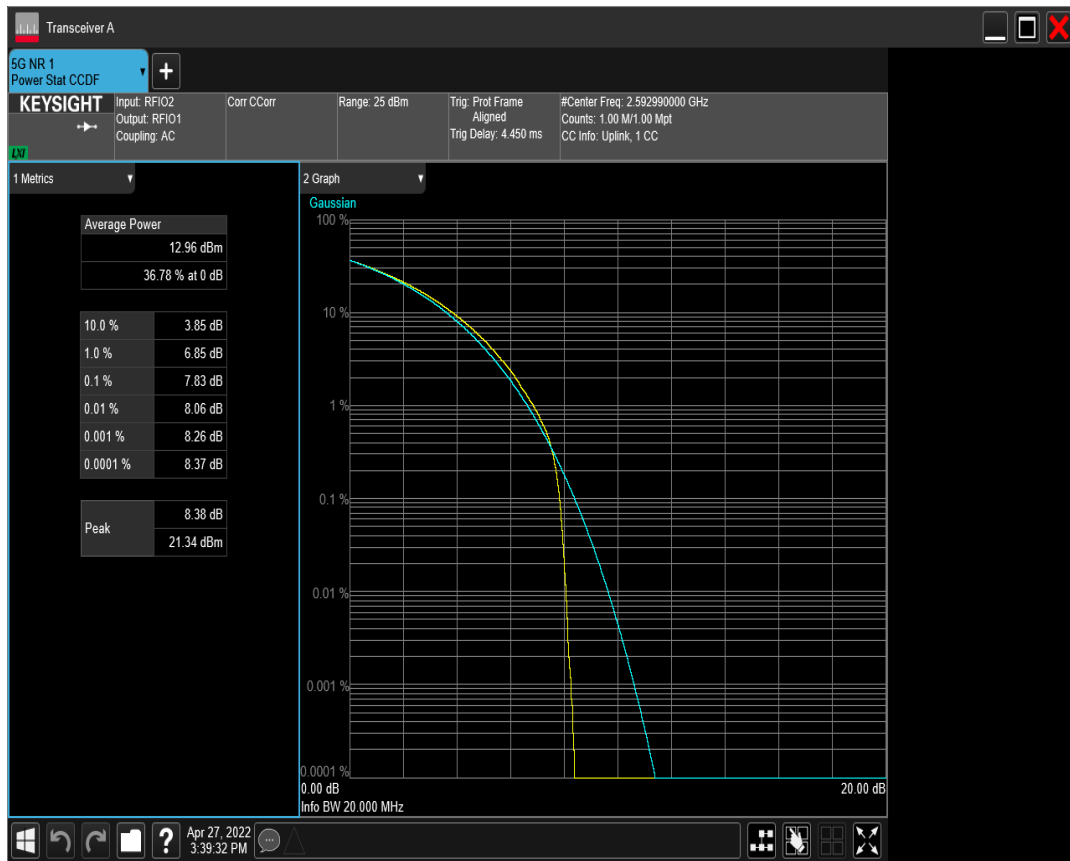
		(kHz)	(MHz)		Allocation			(dB)	
n41	ant1	30	20	518598	51@0	CP_QPSK	7.52	13	PASS
n41	ant2	30	20	518598	51@0	CP_QPSK	7.83	13	PASS
n41	ant1	30	20	518598	51@0	CP_QAM16	7.62	13	PASS
n41	ant2	30	20	518598	51@0	CP_QAM16	7.91	13	PASS
n41	ant1	30	20	518598	51@0	CP_QAM64	8.09	13	PASS
n41	ant2	30	20	518598	51@0	CP_QAM64	8.38	13	PASS
n41	ant1	30	20	518598	51@0	CP_QAM256	8.76	13	PASS
n41	ant2	30	20	518598	51@0	CP_QAM256	8.81	13	PASS
n41	ant1	30	30	518598	78@0	CP_QPSK	7.58	13	PASS
n41	ant2	30	30	518598	78@0	CP_QPSK	7.71	13	PASS
n41	ant1	30	30	518598	78@0	CP_QAM16	7.65	13	PASS
n41	ant2	30	30	518598	78@0	CP_QAM16	7.74	13	PASS
n41	ant1	30	30	518598	78@0	CP_QAM64	8.19	13	PASS
n41	ant2	30	30	518598	78@0	CP_QAM64	8.31	13	PASS
n41	ant1	30	30	518598	78@0	CP_QAM256	8.83	13	PASS
n41	ant2	30	30	518598	78@0	CP_QAM256	8.56	13	PASS
n41	ant1	30	40	518598	106@0	CP_QPSK	7.54	13	PASS
n41	ant2	30	40	518598	106@0	CP_QPSK	8.28	13	PASS
n41	ant1	30	40	518598	106@0	CP_QAM16	7.68	13	PASS
n41	ant2	30	40	518598	106@0	CP_QAM16	8.36	13	PASS
n41	ant1	30	40	518598	106@0	CP_QAM64	7.39	13	PASS
n41	ant2	30	40	518598	106@0	CP_QAM64	7.81	13	PASS
n41	ant1	30	40	518598	106@0	CP_QAM256	8.42	13	PASS
n41	ant2	30	40	518598	106@0	CP_QAM256	8.72	13	PASS
n41	ant1	30	50	518598	133@0	CP_QPSK	7.30	13	PASS
n41	ant2	30	50	518598	133@0	CP_QPSK	7.58	13	PASS
n41	ant1	30	50	518598	133@0	CP_QAM16	7.32	13	PASS
n41	ant2	30	50	518598	133@0	CP_QAM16	7.58	13	PASS
n41	ant1	30	50	518598	133@0	CP_QAM64	7.88	13	PASS
n41	ant2	30	50	518598	133@0	CP_QAM64	8.16	13	PASS
n41	ant1	30	50	518598	133@0	CP_QAM256	8.44	13	PASS
n41	ant2	30	50	518598	133@0	CP_QAM256	8.66	13	PASS
n41	ant1	30	60	518598	162@0	CP_QPSK	7.31	13	PASS
n41	ant2	30	60	518598	162@0	CP_QPSK	7.74	13	PASS
n41	ant1	30	60	518598	162@0	CP_QAM16	7.31	13	PASS
n41	ant2	30	60	518598	162@0	CP_QAM16	7.75	13	PASS
n41	ant1	30	60	518598	162@0	CP_QAM64	7.84	13	PASS
n41	ant2	30	60	518598	162@0	CP_QAM64	8.26	13	PASS
n41	ant1	30	60	518598	162@0	CP_QAM256	8.38	13	PASS
n41	ant2	30	60	518598	162@0	CP_QAM256	8.77	13	PASS
n41	ant1	30	80	518598	217@0	CP_QPSK	7.45	13	PASS

n41	ant2	30	80	518598	217@0	CP_QPSK	7.76	13	PASS
n41	ant1	30	80	518598	217@0	CP_QAM16	7.44	13	PASS
n41	ant2	30	80	518598	217@0	CP_QAM16	7.82	13	PASS
n41	ant1	30	80	518598	217@0	CP_QAM64	7.97	13	PASS
n41	ant2	30	80	518598	217@0	CP_QAM64	8.26	13	PASS
n41	ant1	30	80	518598	217@0	CP_QAM256	8.44	13	PASS
n41	ant2	30	80	518598	217@0	CP_QAM256	8.91	13	PASS
n41	ant1	30	90	518598	245@0	CP_QPSK	7.51	13	PASS
n41	ant2	30	90	518598	245@0	CP_QPSK	7.87	13	PASS
n41	ant1	30	90	518598	245@0	CP_QAM16	7.54	13	PASS
n41	ant2	30	90	518598	245@0	CP_QAM16	7.87	13	PASS
n41	ant1	30	90	518598	245@0	CP_QAM64	8.00	13	PASS
n41	ant2	30	90	518598	245@0	CP_QAM64	8.25	13	PASS
n41	ant1	30	90	518598	245@0	CP_QAM256	8.49	13	PASS
n41	ant2	30	90	518598	245@0	CP_QAM256	8.74	13	PASS
n41	ant1	30	100	518598	273@0	CP_QPSK	7.90	13	PASS
n41	ant2	30	100	518598	273@0	CP_QPSK	7.73	13	PASS
n41	ant1	30	100	518598	273@0	CP_QAM16	7.91	13	PASS
n41	ant2	30	100	518598	273@0	CP_QAM16	7.71	13	PASS
n41	ant1	30	100	518598	273@0	CP_QAM64	7.82	13	PASS
n41	ant2	30	100	518598	273@0	CP_QAM64	8.22	13	PASS
n41	ant1	30	100	518598	273@0	CP_QAM256	8.53	13	PASS
n41	ant2	30	100	518598	273@0	CP_QAM256	8.76	13	PASS

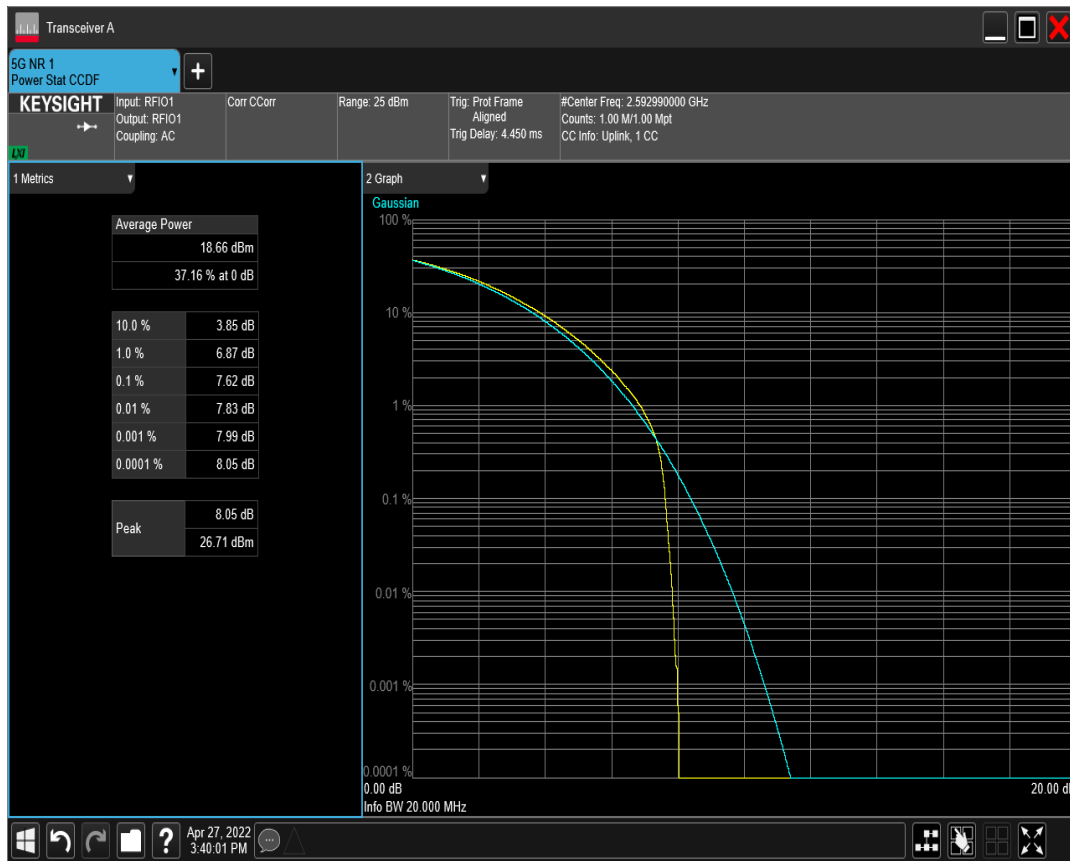
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant1



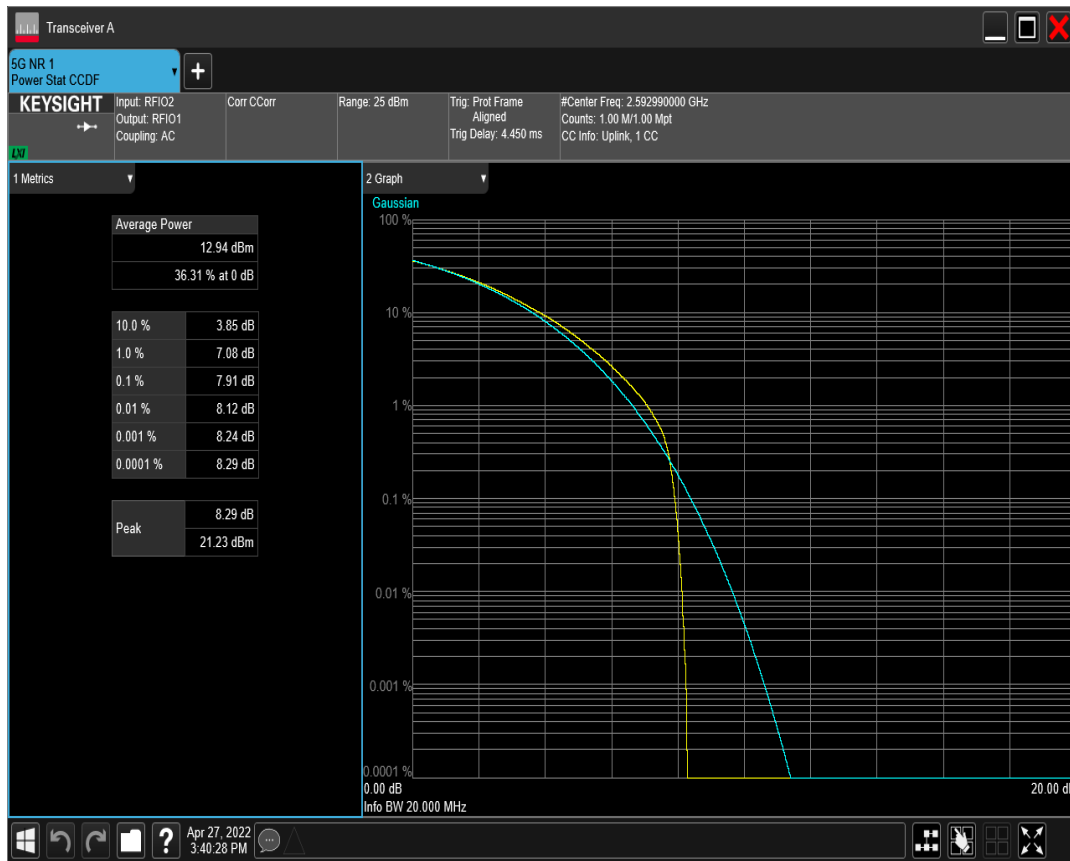
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant2



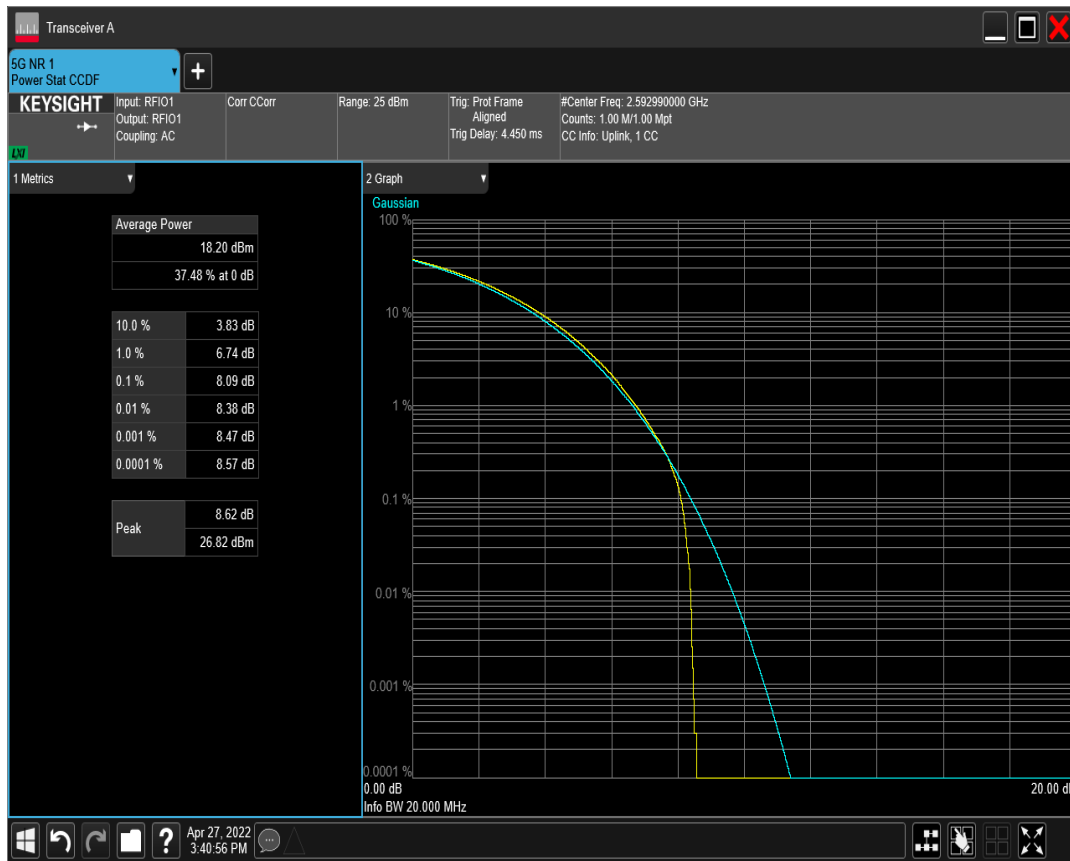
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=518598 RB=51@0 ant1



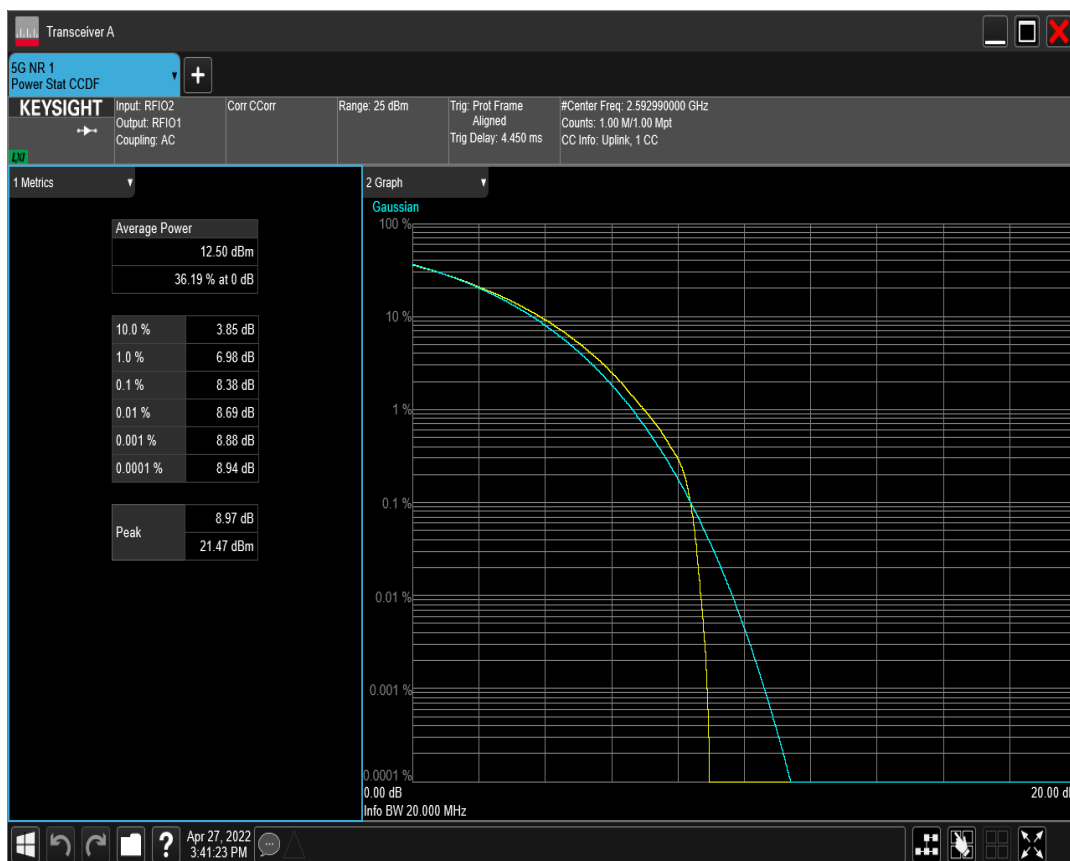
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=518598 RB=51@0 ant2



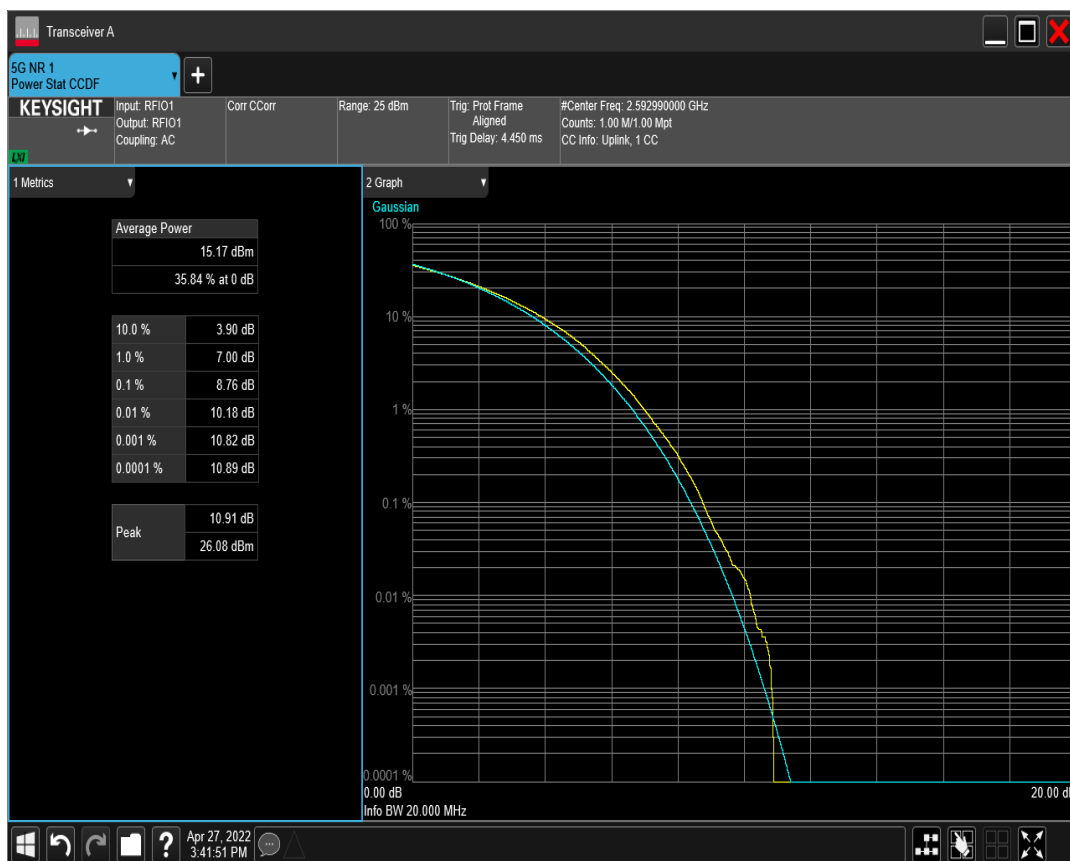
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=518598 RB=51@0 ant1



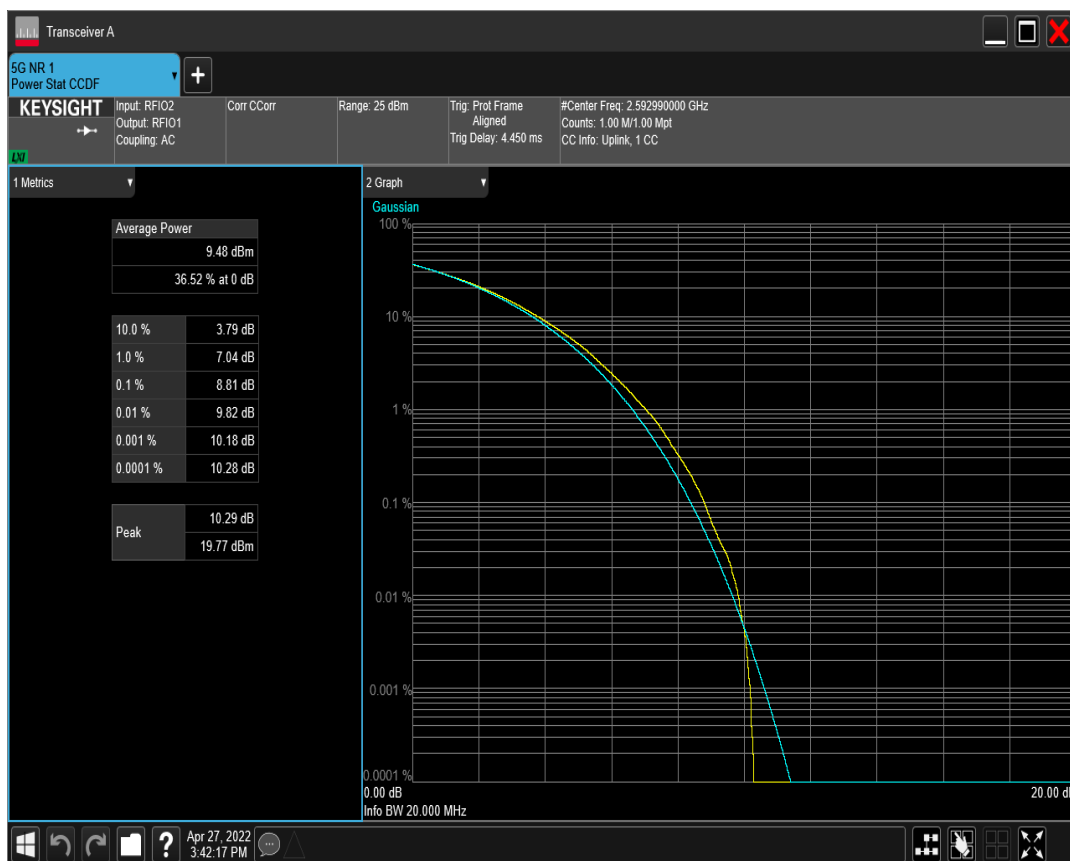
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=518598 RB=51@0 ant2



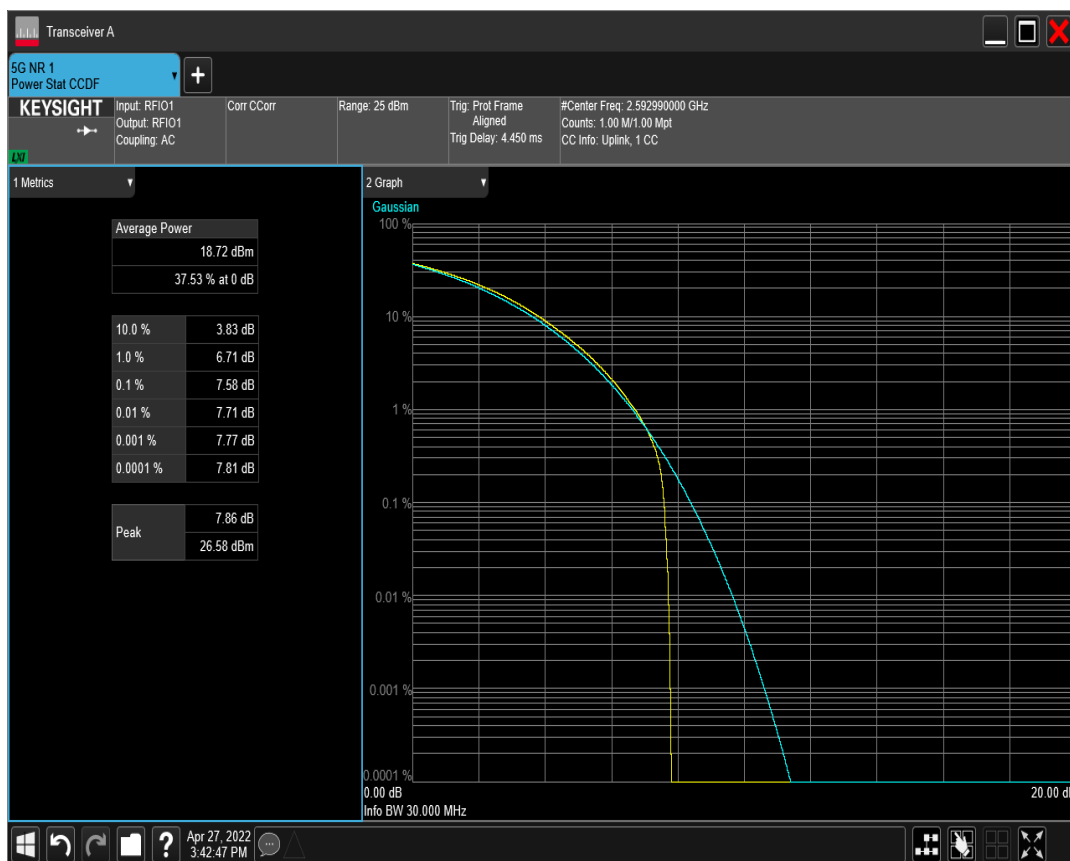
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=518598 RB=51@0 ant1



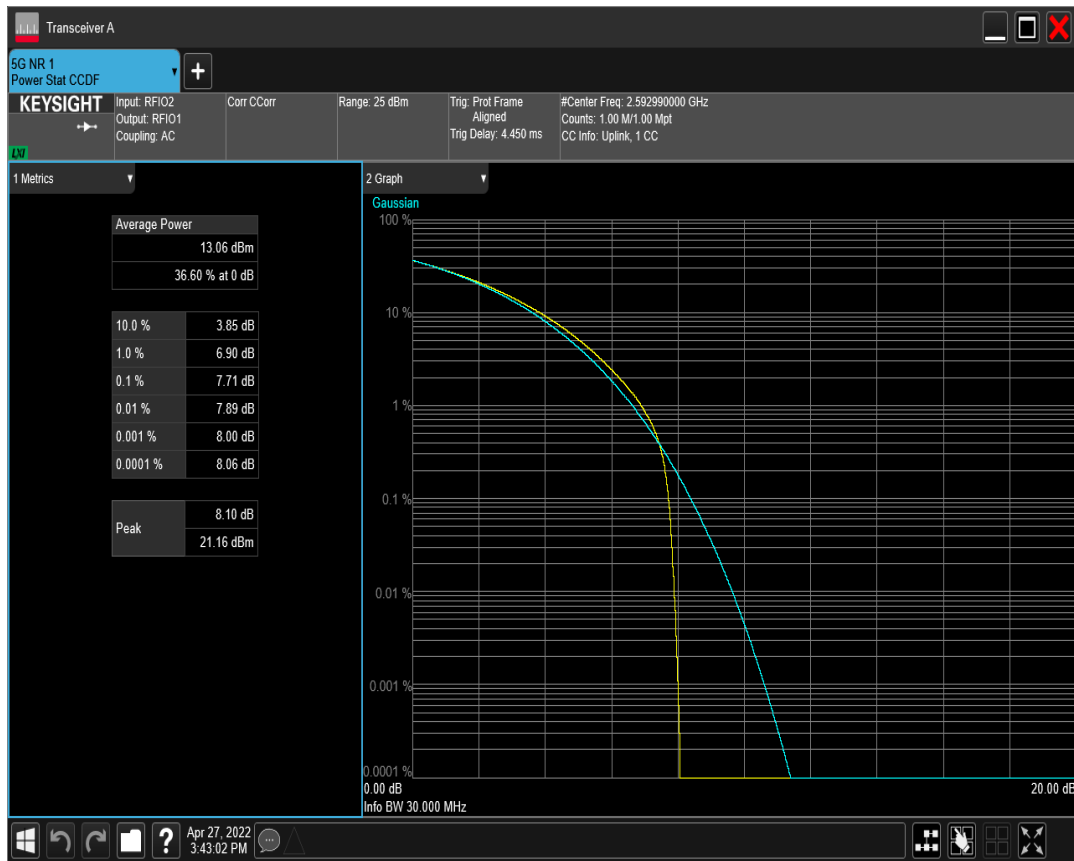
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=518598 RB=51@0 ant2



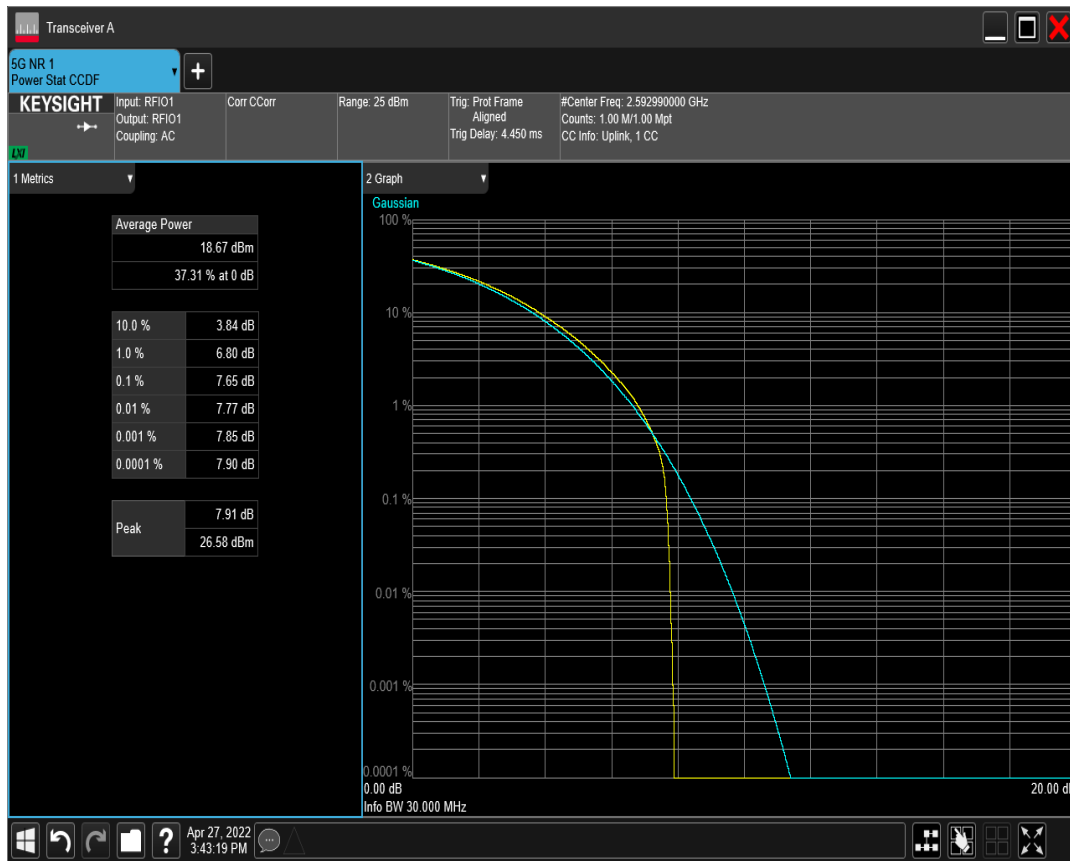
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=518598 RB=78@0 ant1



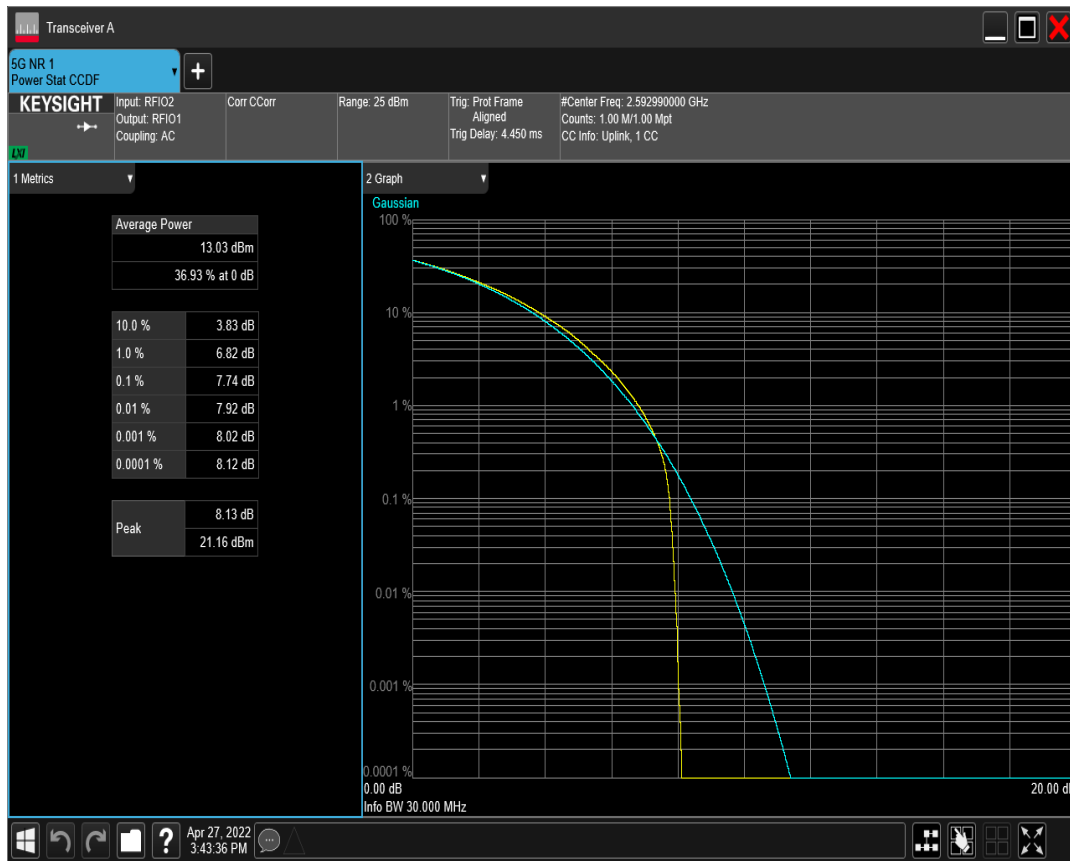
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=518598 RB=78@0 ant2



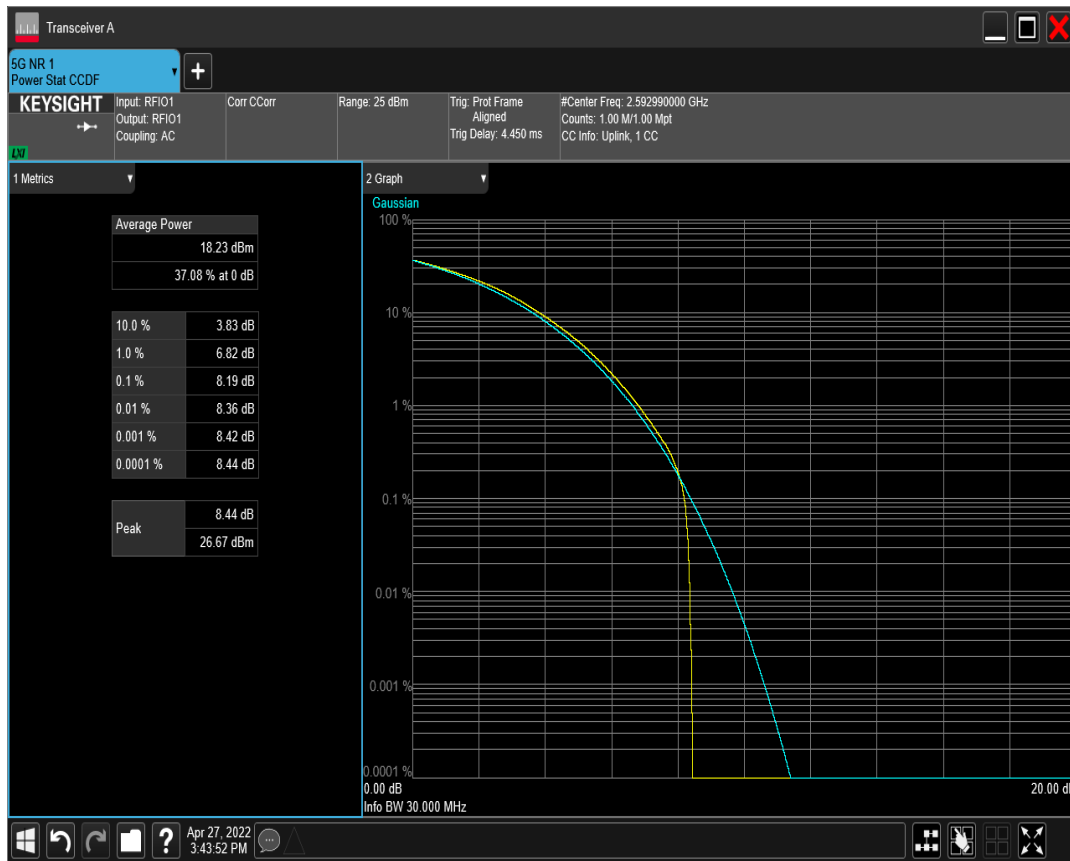
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=518598 RB=78@0 ant1



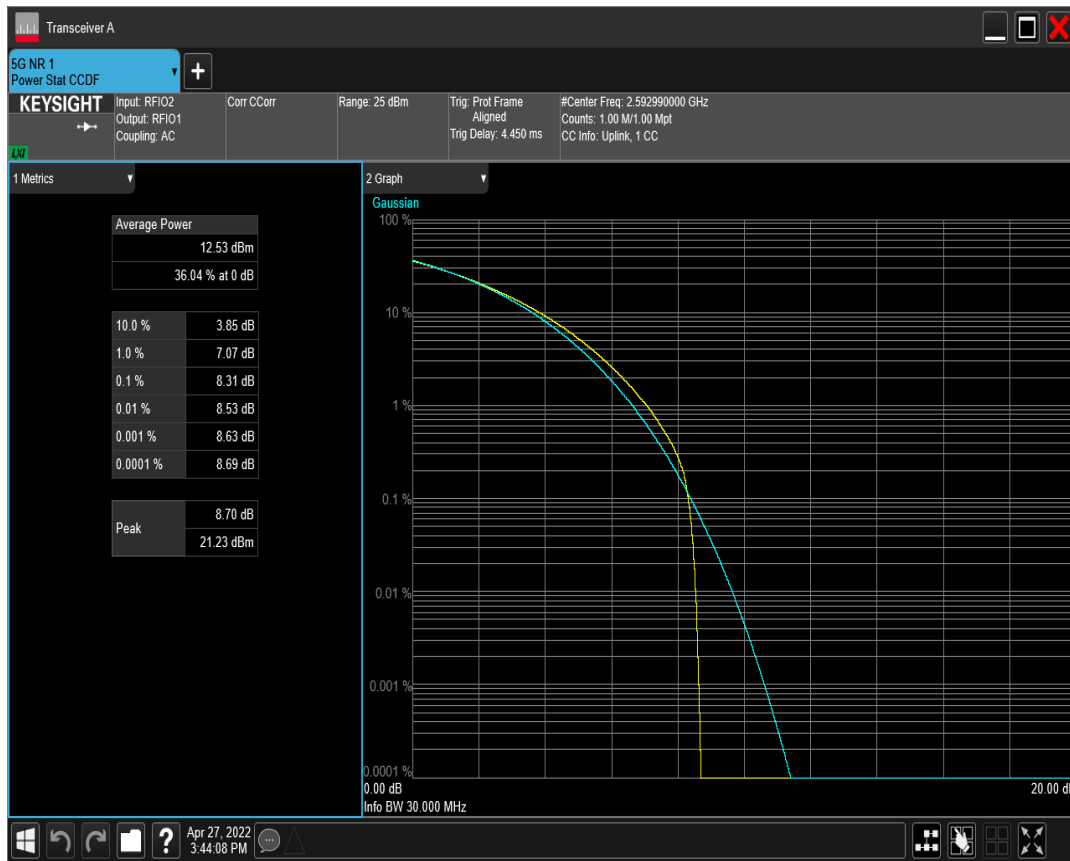
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=518598 RB=78@0 ant2



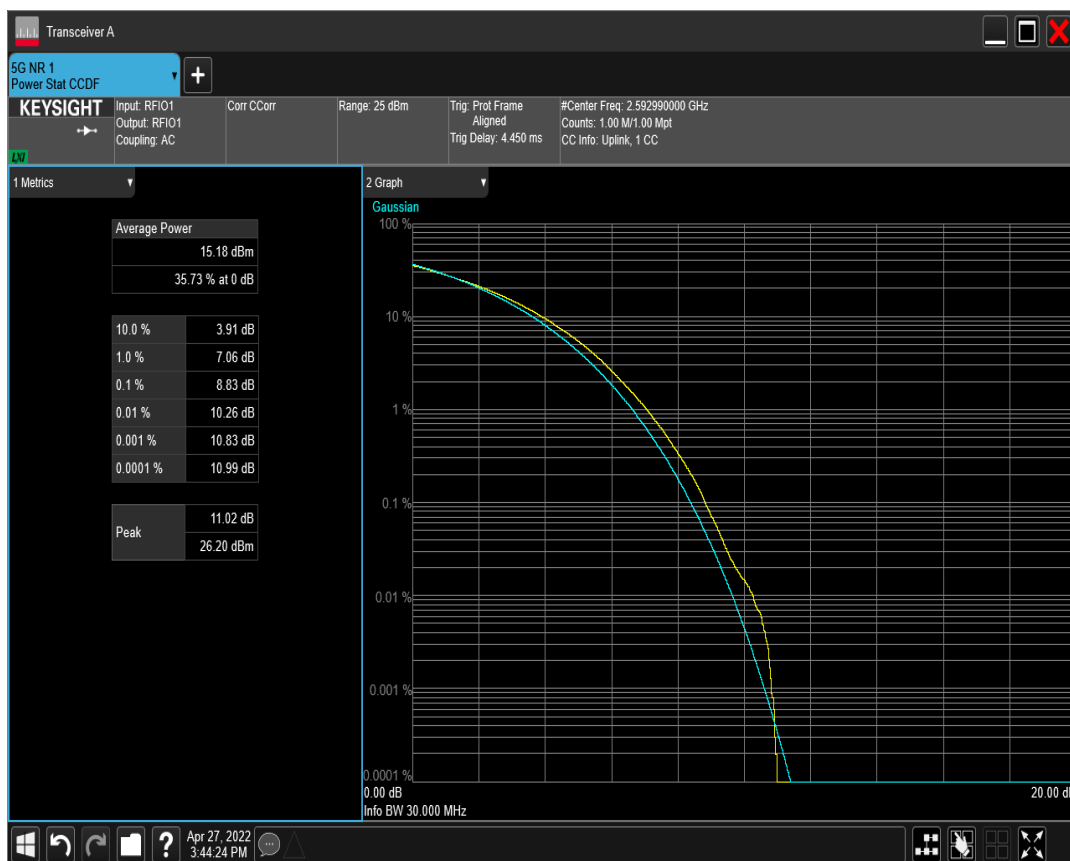
n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=518598 RB=78@0 ant1



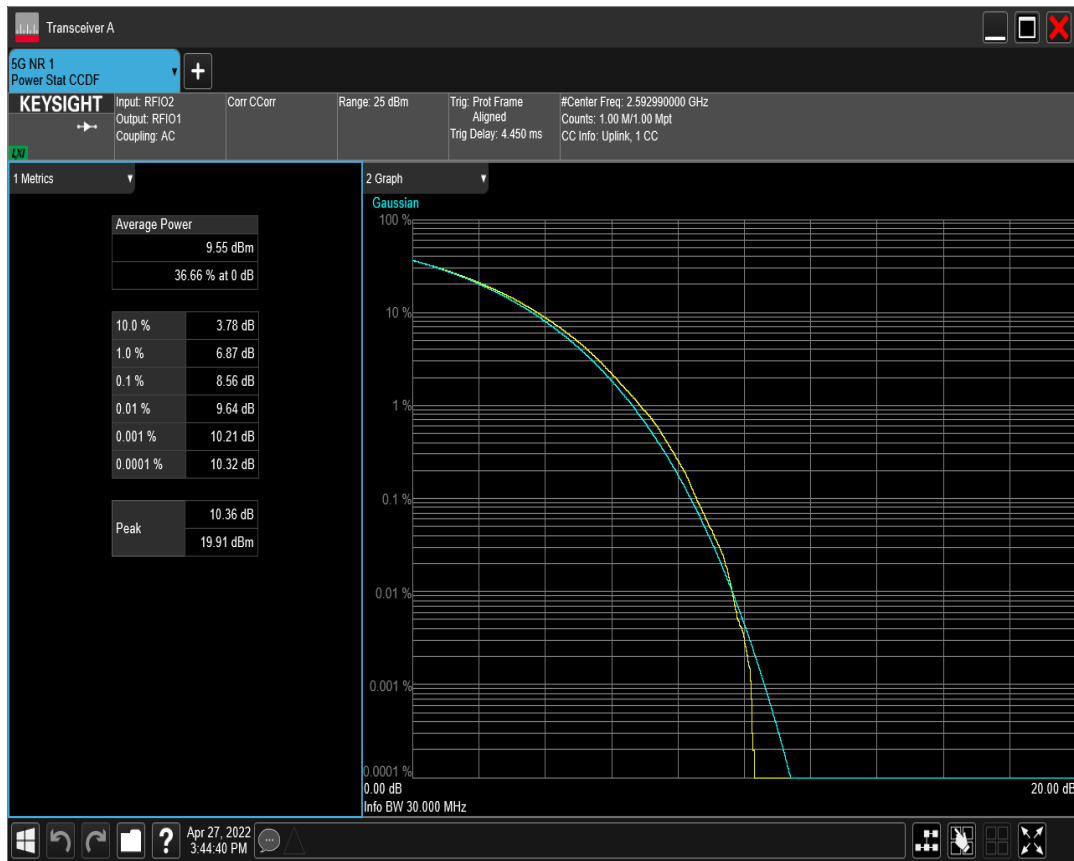
n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=518598 RB=78@0 ant2



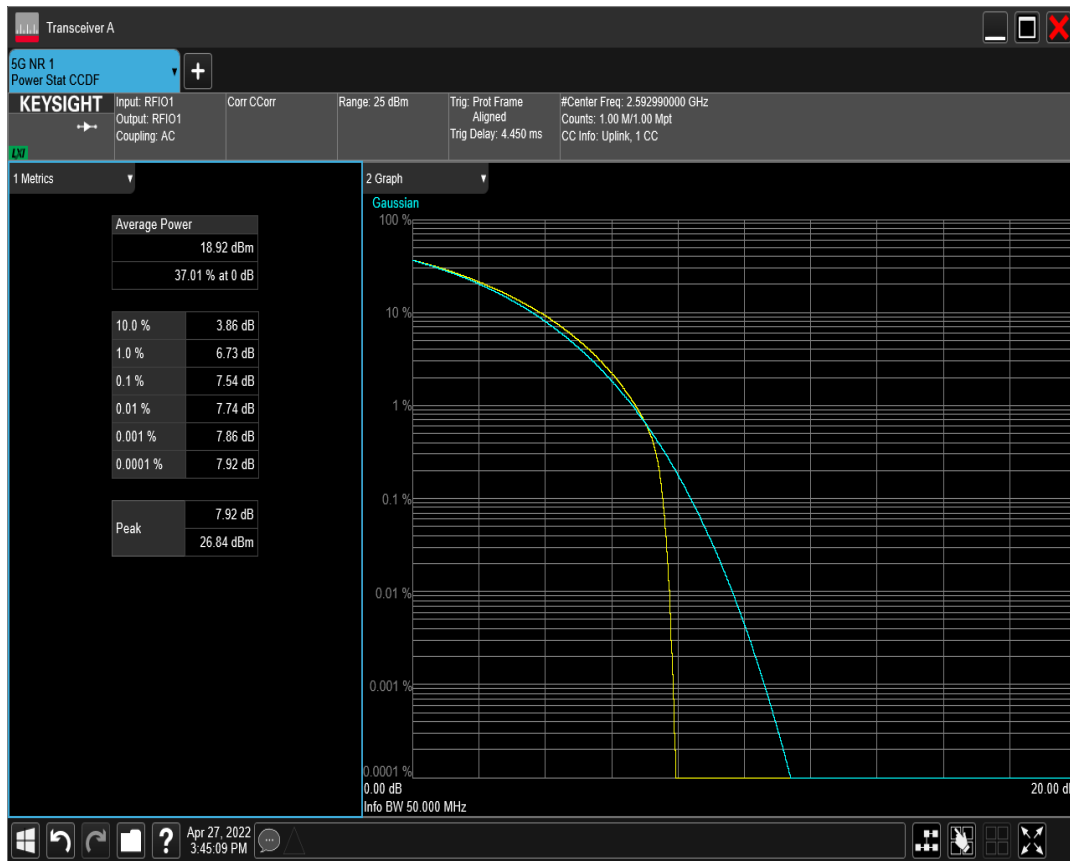
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=518598 RB=78@0 ant1



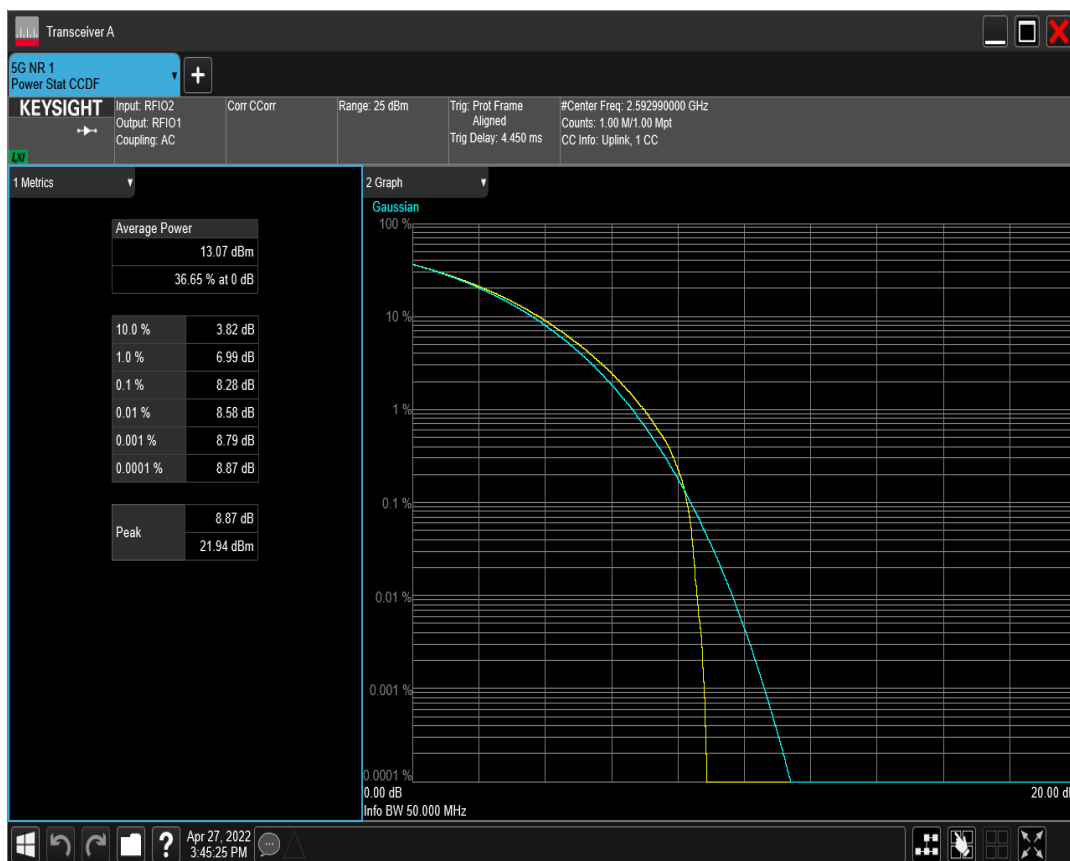
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=518598 RB=78@0 ant2



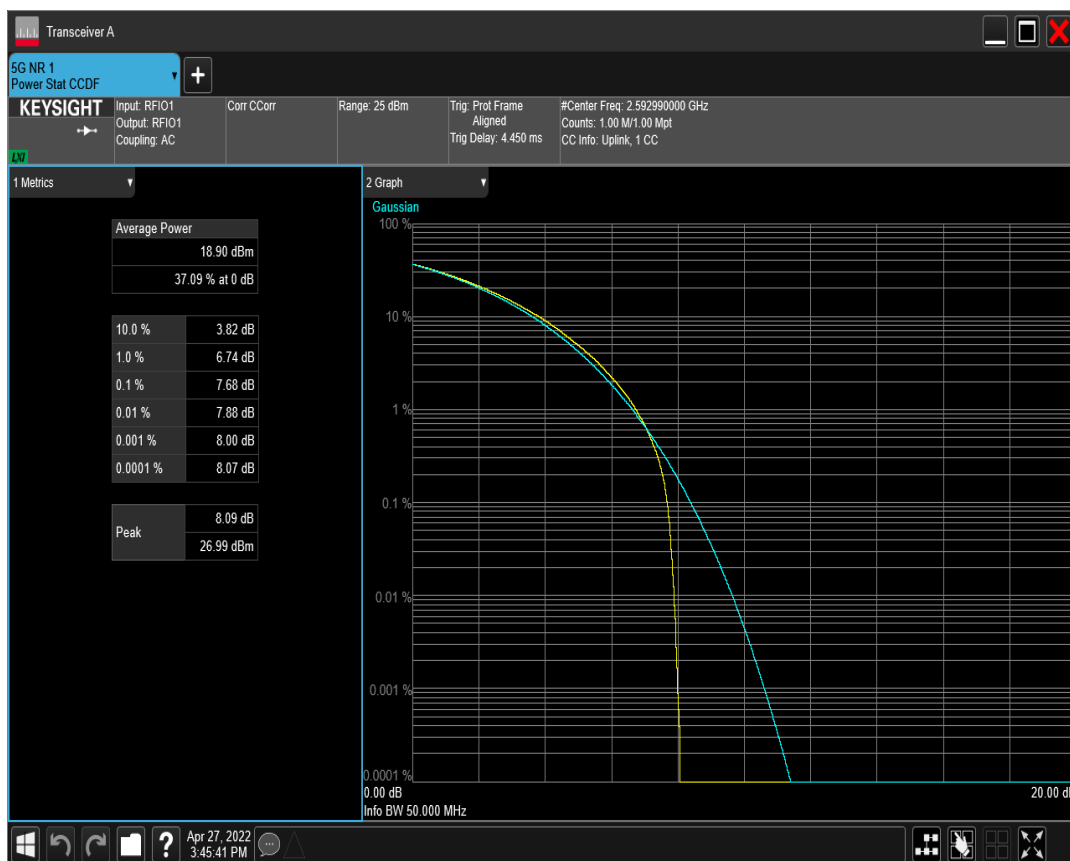
n41 SCS=30kHz CP_QPSK BW=40MHz Channel=518598 RB=106@0 ant1



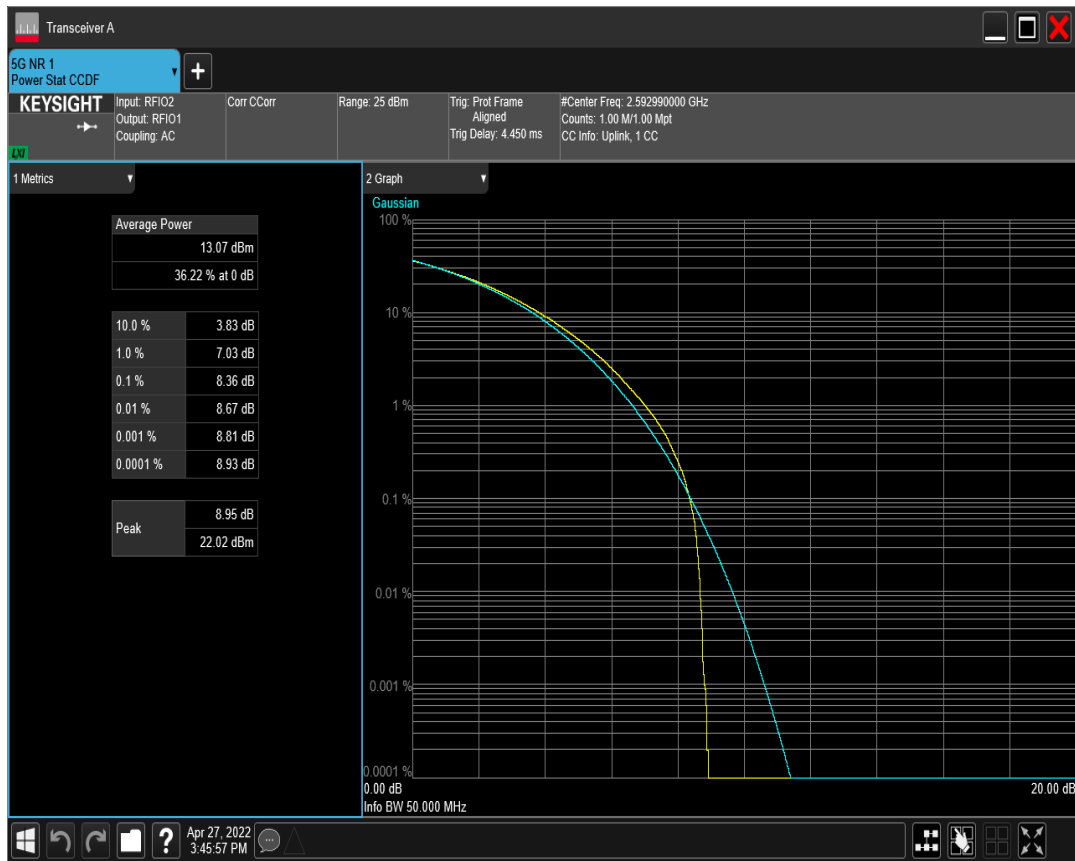
n41 SCS=30kHz CP_QPSK BW=40MHz Channel=518598 RB=106@0 ant2



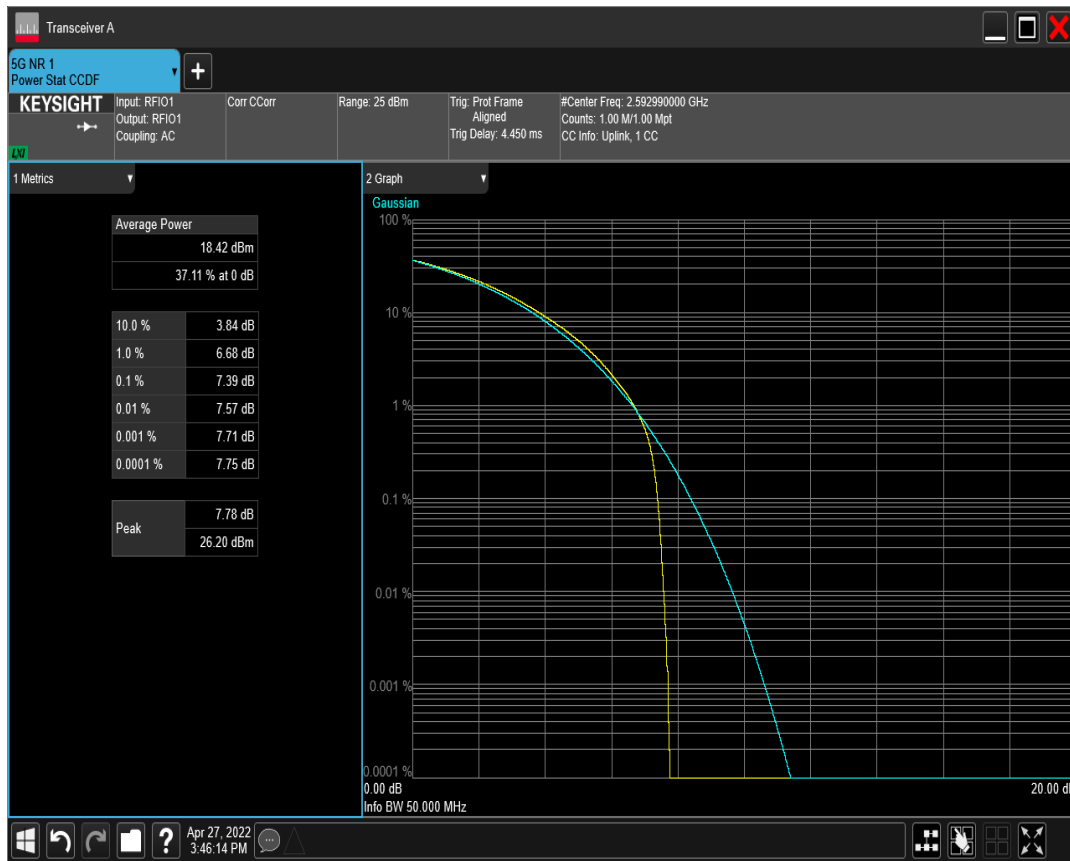
n41 SCS=30kHz CP_QAM16 BW=40MHz Channel=518598 RB=106@0 ant1



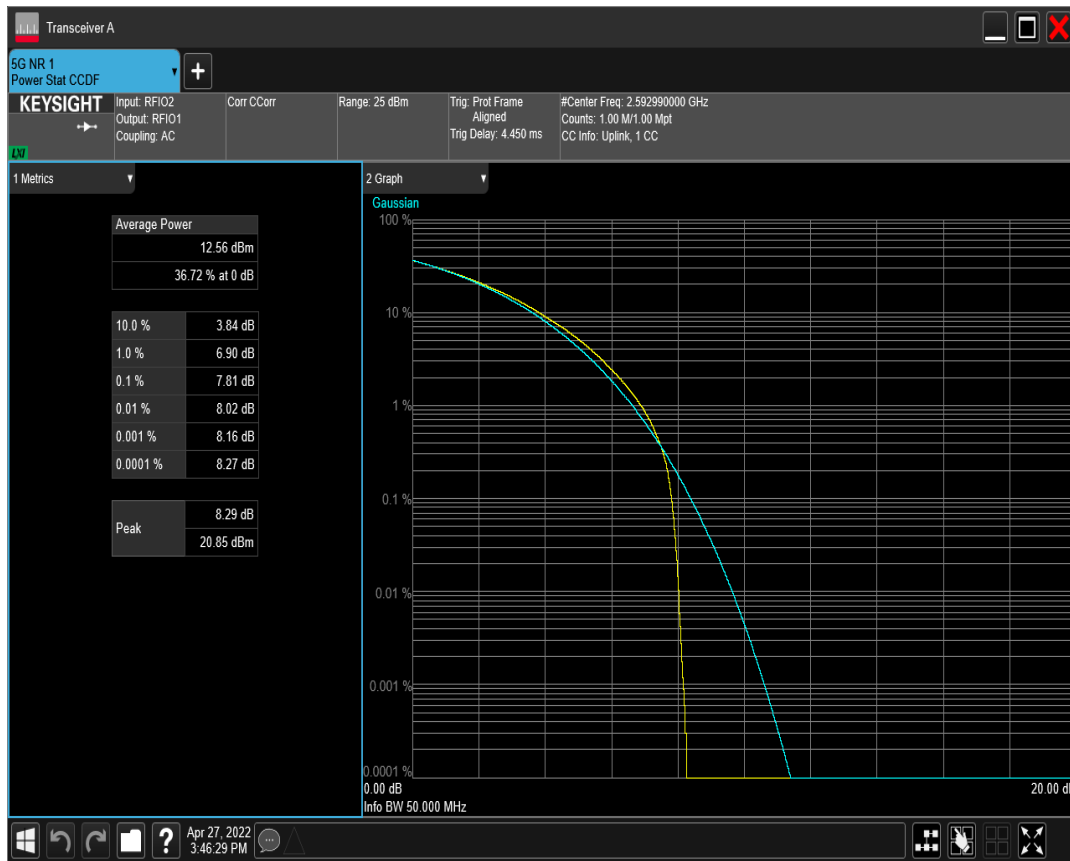
n41 SCS=30kHz CP_QAM16 BW=40MHz Channel=518598 RB=106@0 ant2



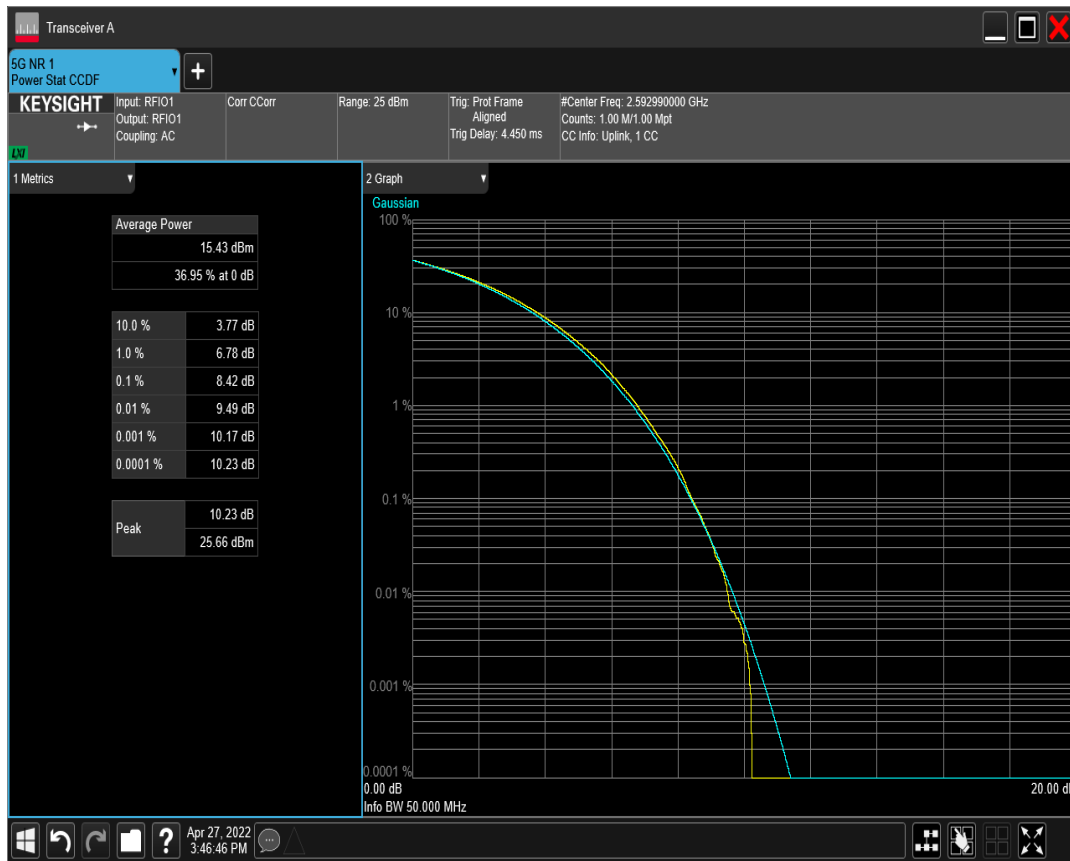
n41 SCS=30kHz CP_QAM64 BW=40MHz Channel=518598 RB=106@0 ant1



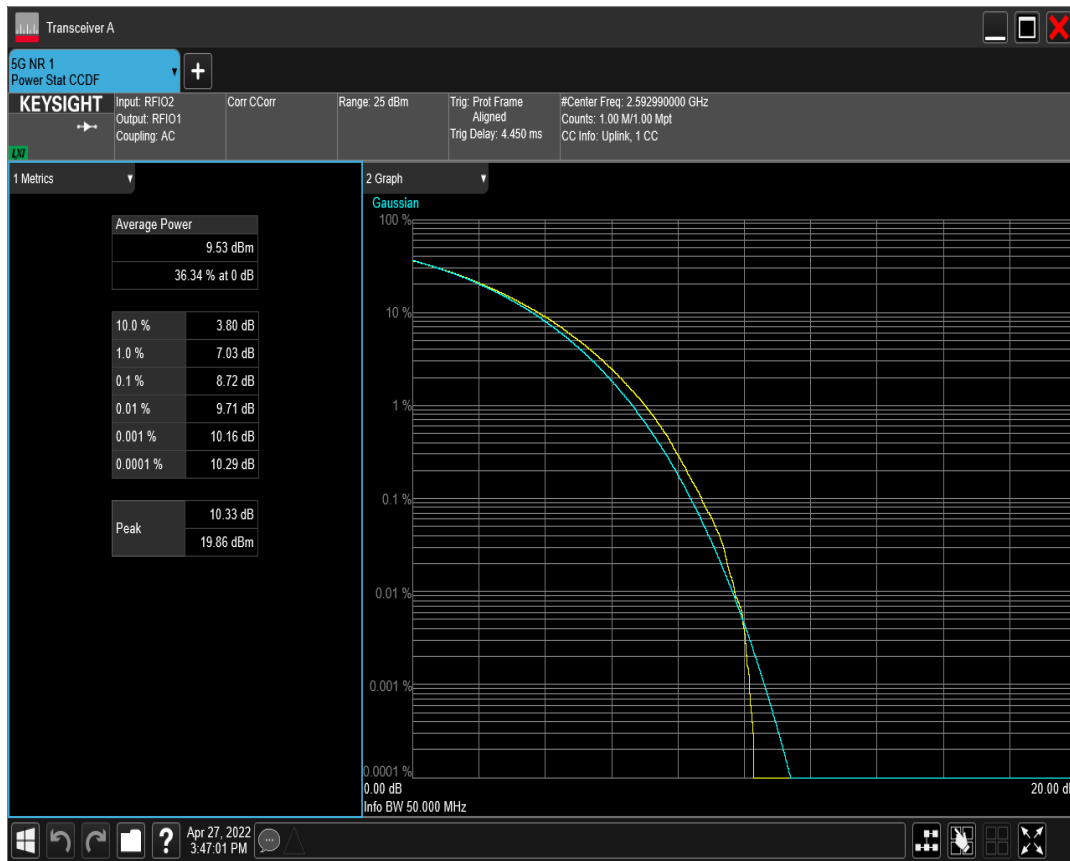
n41 SCS=30kHz CP_QAM64 BW=40MHz Channel=518598 RB=106@0 ant2



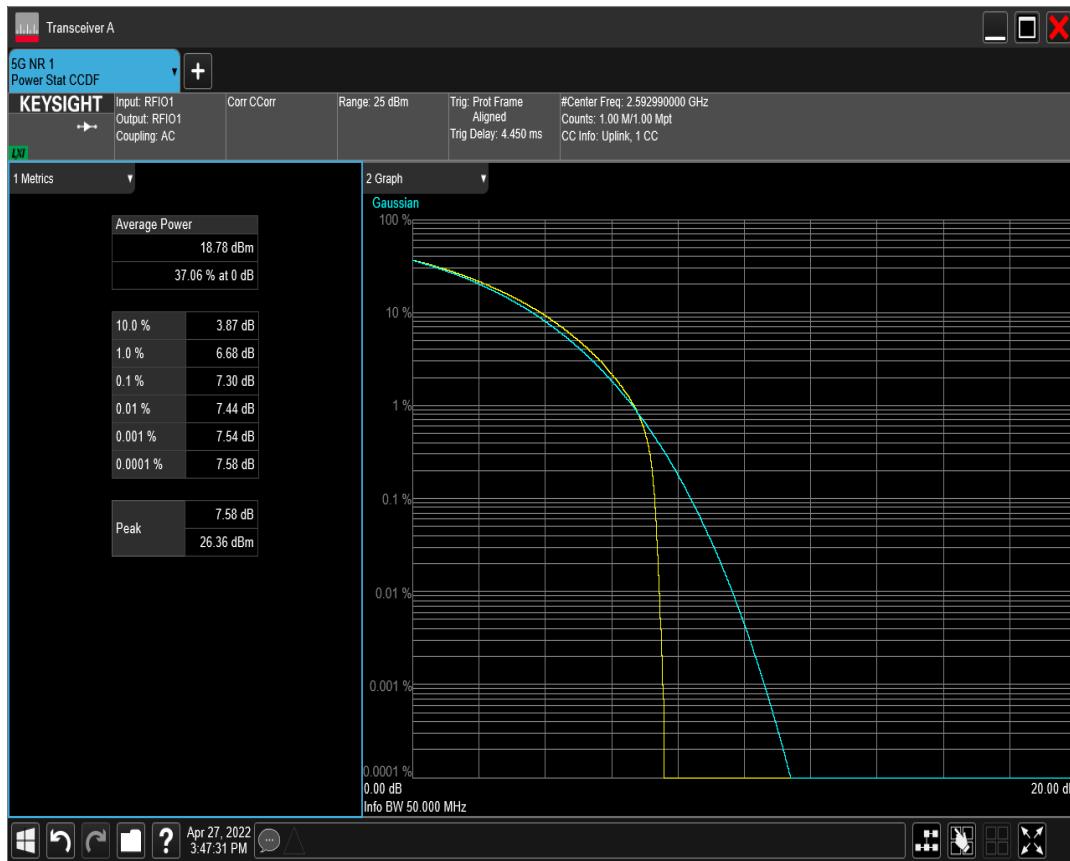
n41 SCS=30kHz CP_QAM256 BW=40MHz Channel=518598 RB=106@0 ant1



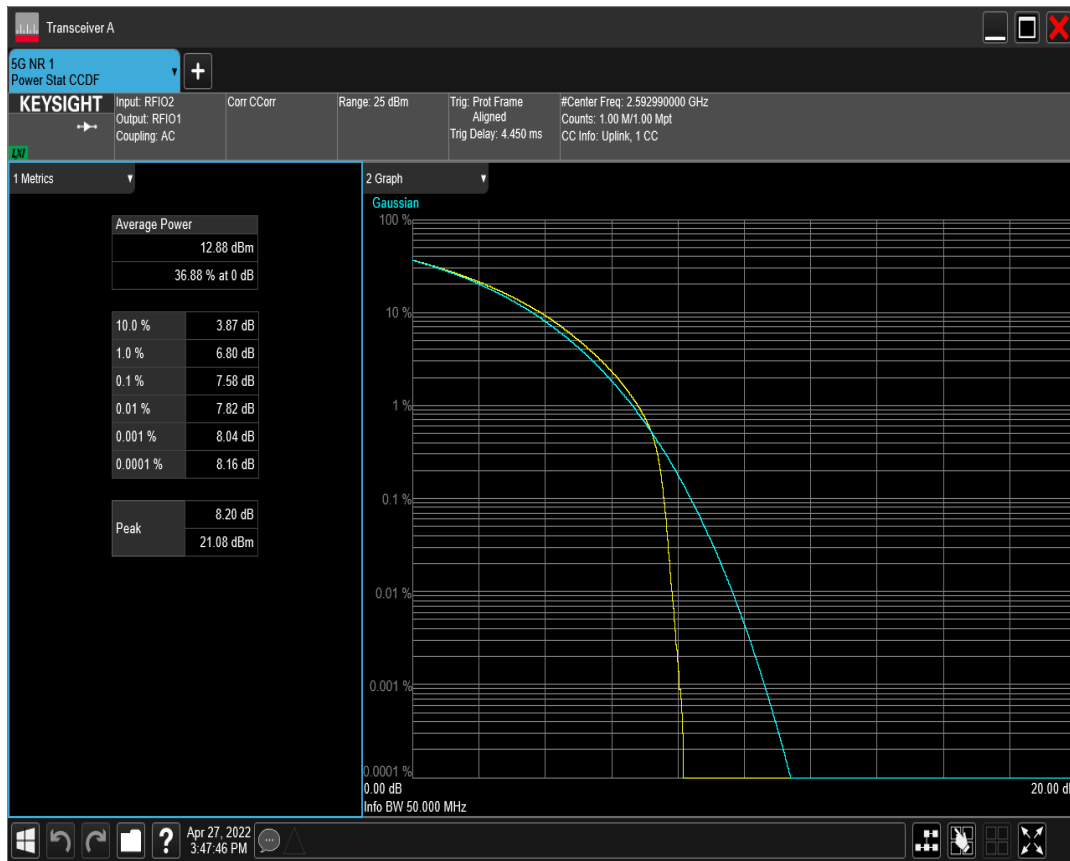
n41 SCS=30kHz CP_QAM256 BW=40MHz Channel=518598 RB=106@0 ant2



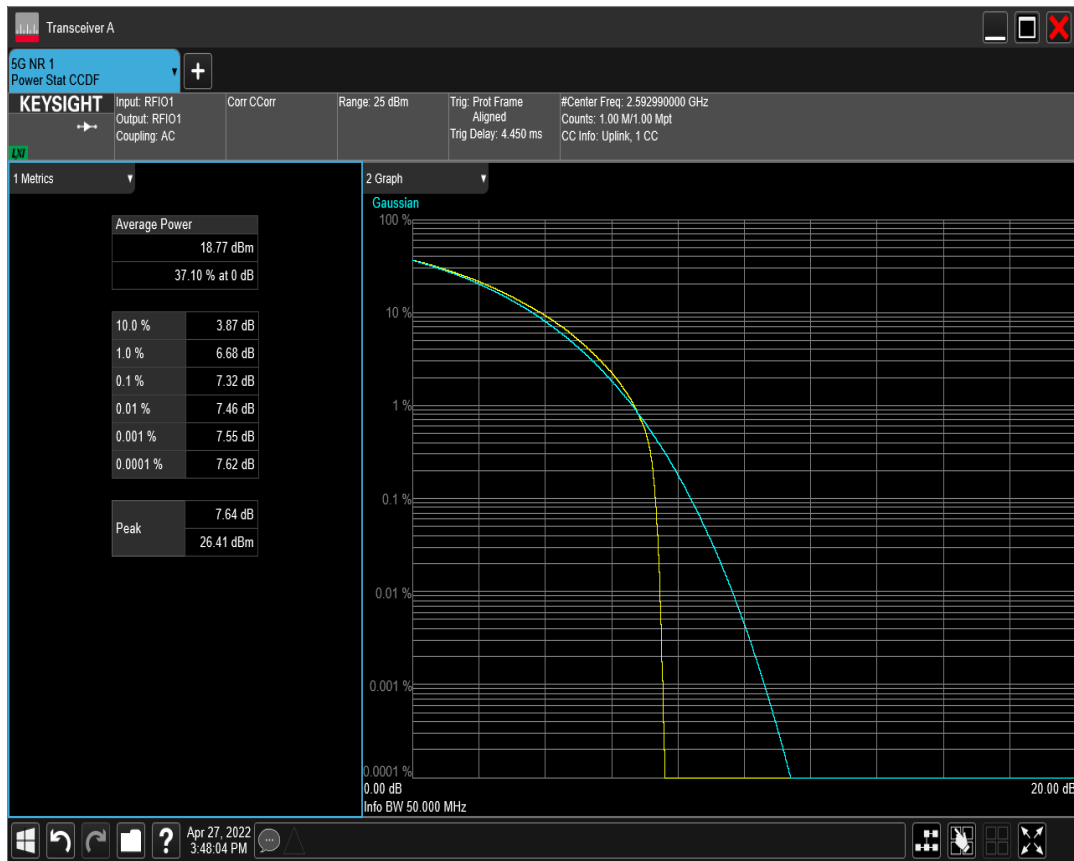
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=518598 RB=133@0 ant1



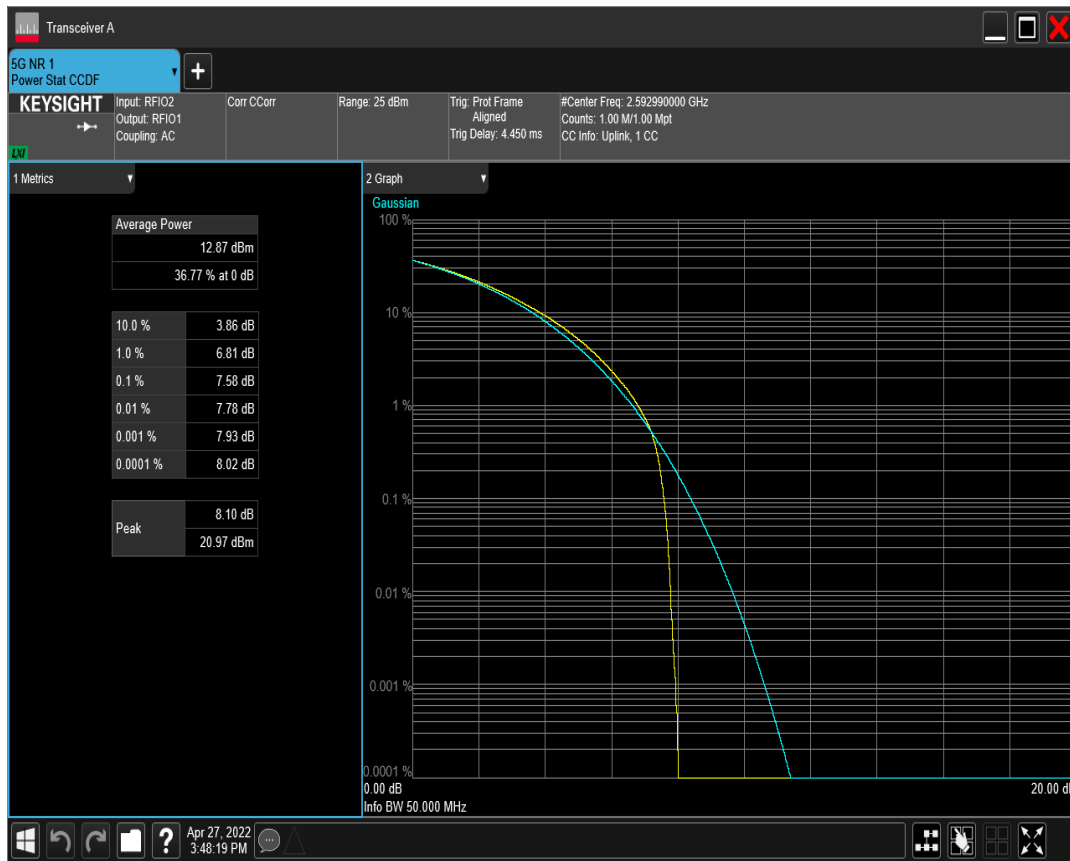
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=518598 RB=133@0 ant2



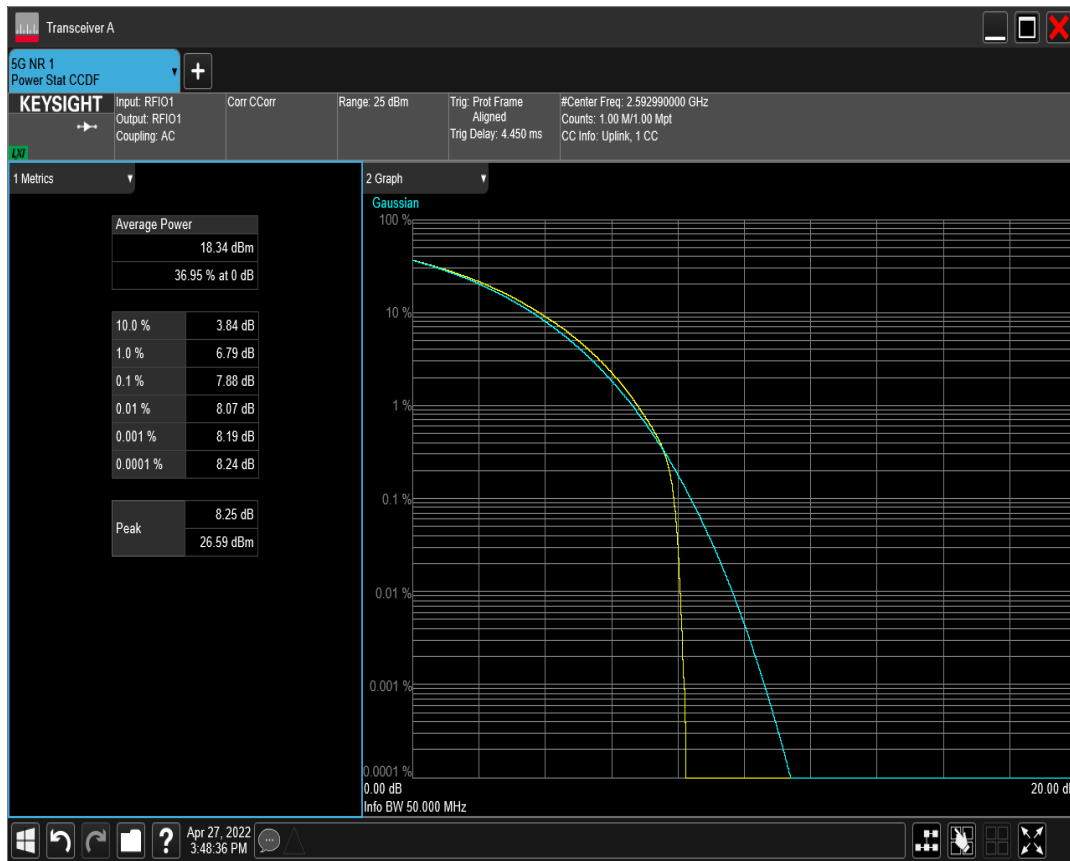
n41 SCS=30kHz CP_QAM16 BW=50MHz Channel=518598 RB=133@0 ant1



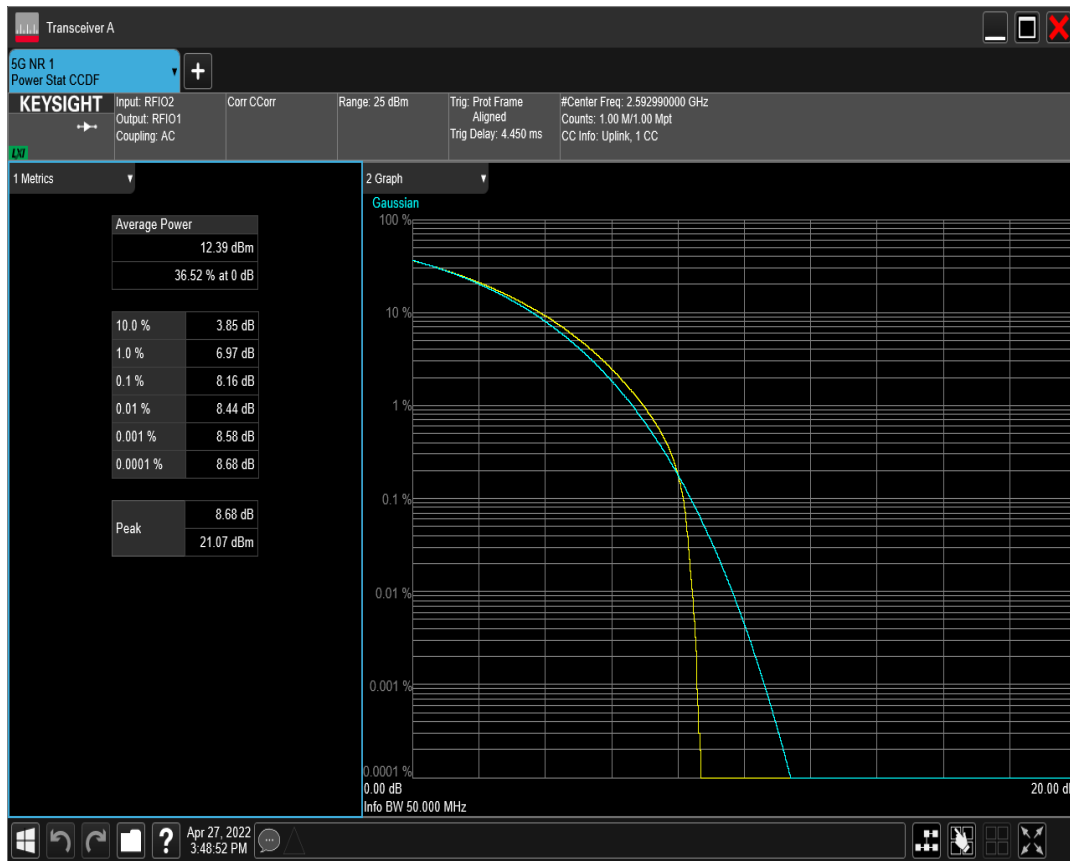
n41 SCS=30kHz CP_QAM16 BW=50MHz Channel=518598 RB=133@0 ant2



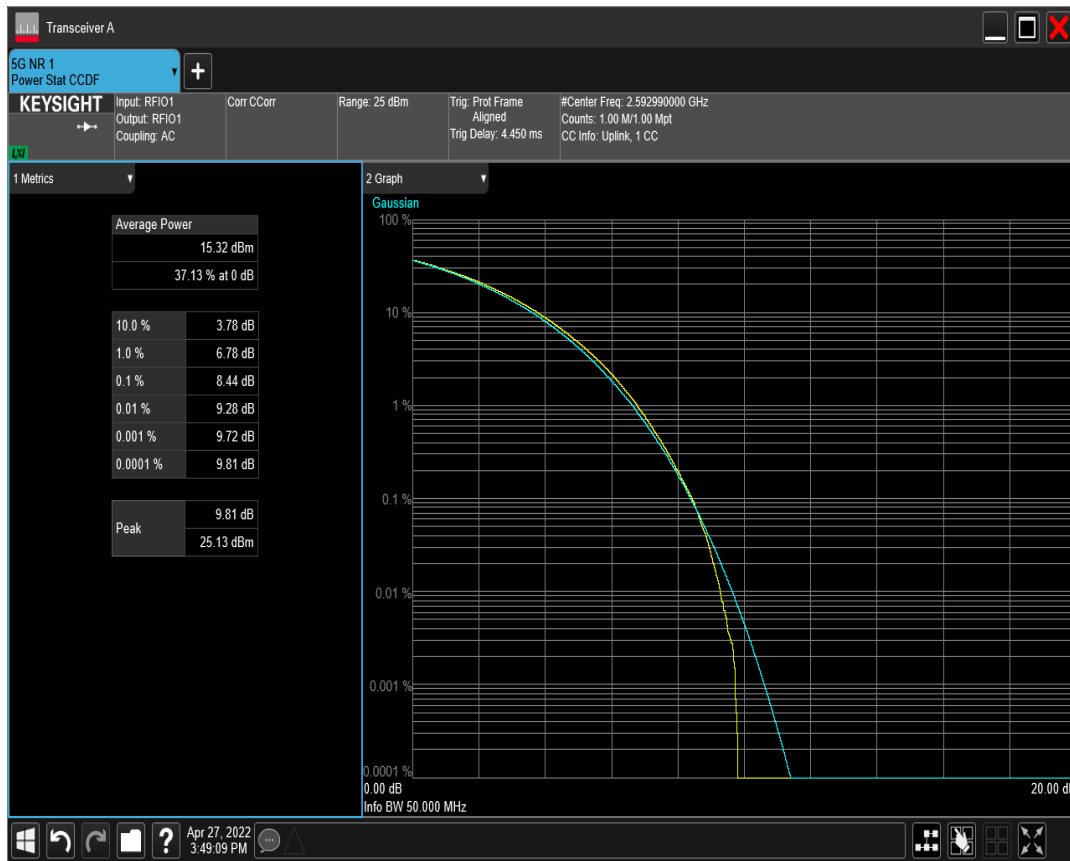
n41 SCS=30kHz CP_QAM64 BW=50MHz Channel=518598 RB=133@0 ant1



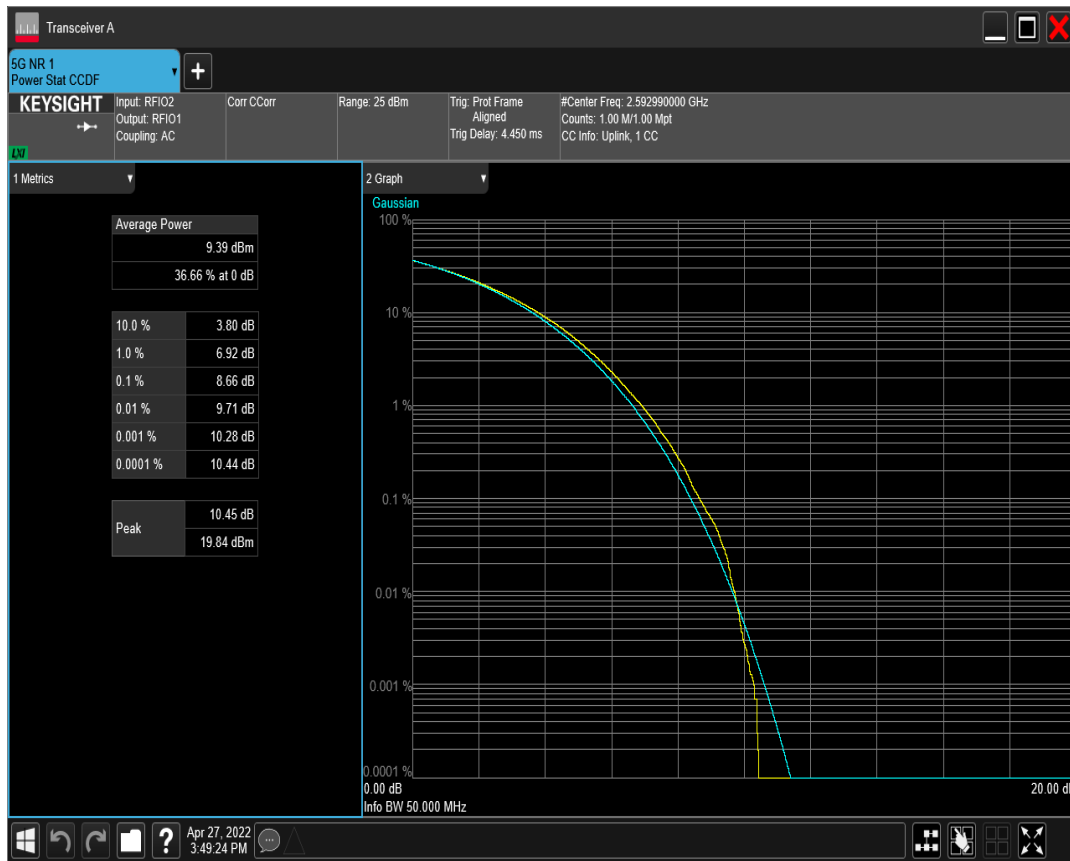
n41 SCS=30kHz CP_QAM64 BW=50MHz Channel=518598 RB=133@0 ant2



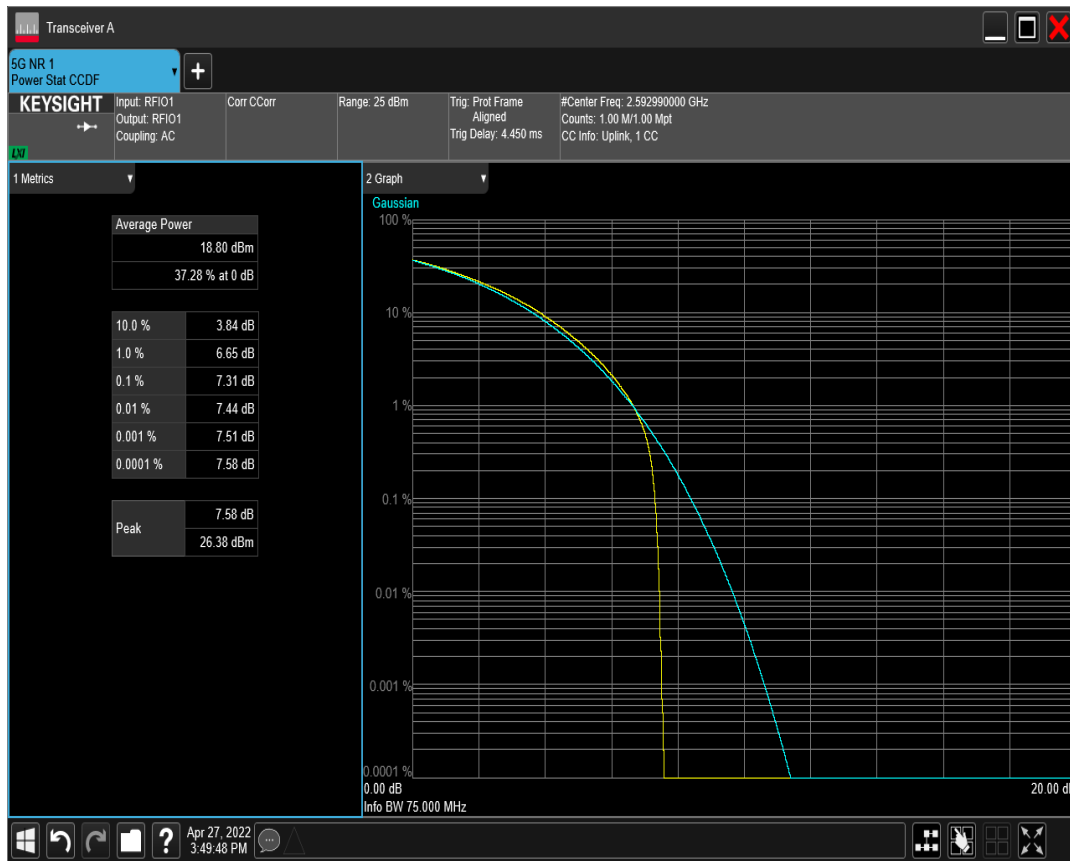
n41 SCS=30kHz CP_QAM256 BW=50MHz Channel=518598 RB=133@0 ant1



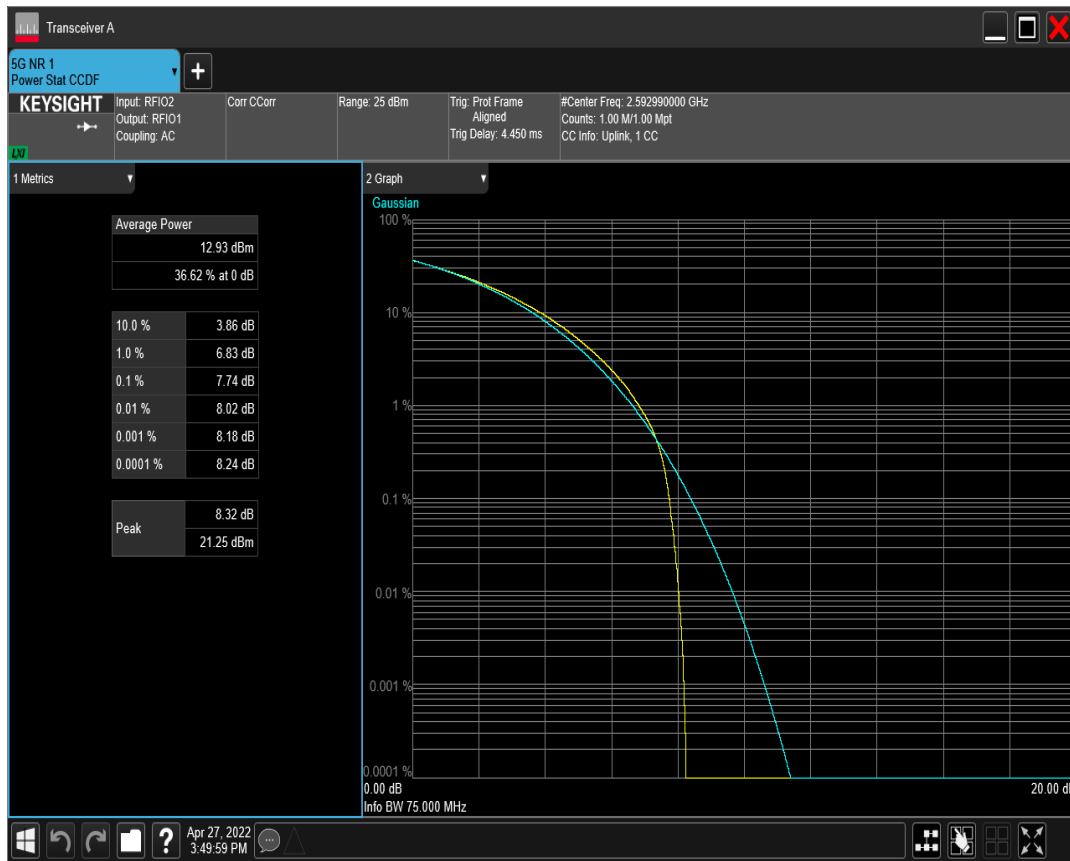
n41 SCS=30kHz CP_QAM256 BW=50MHz Channel=518598 RB=133@0 ant2



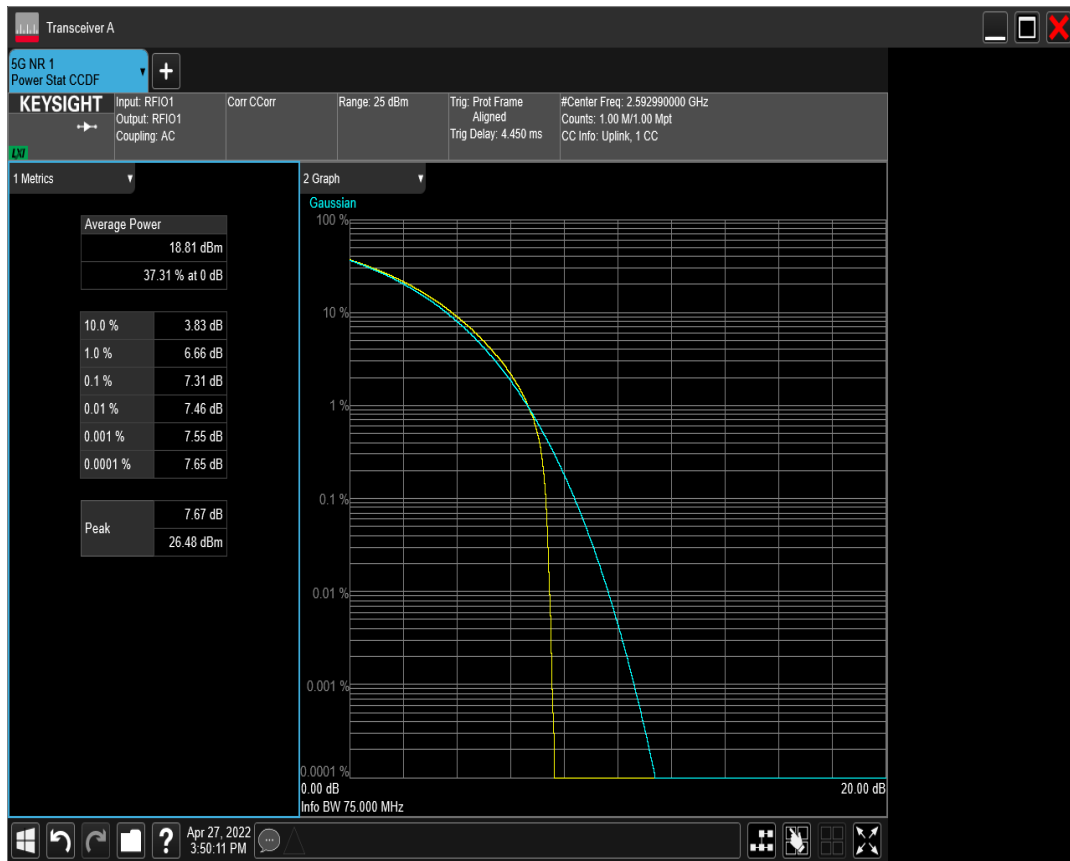
n41 SCS=30kHz CP_QPSK BW=60MHz Channel=518598 RB=162@0 ant1



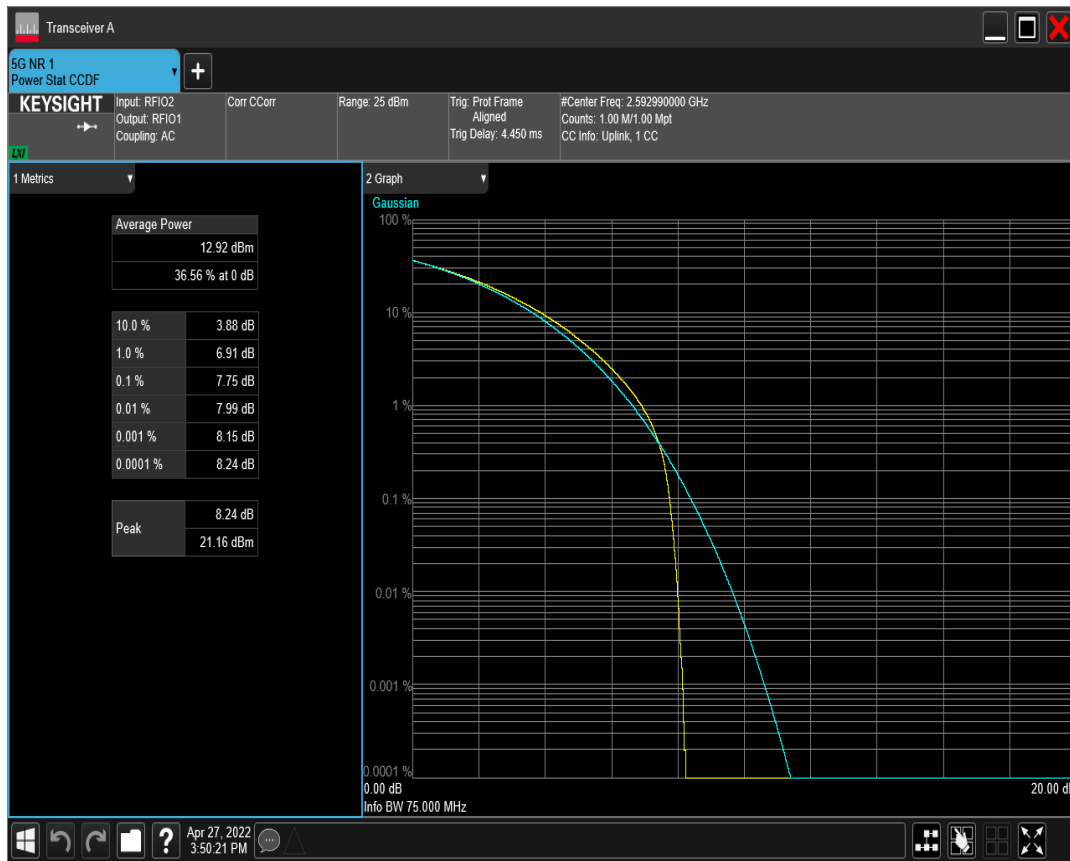
n41 SCS=30kHz CP_QPSK BW=60MHz Channel=518598 RB=162@0 ant2



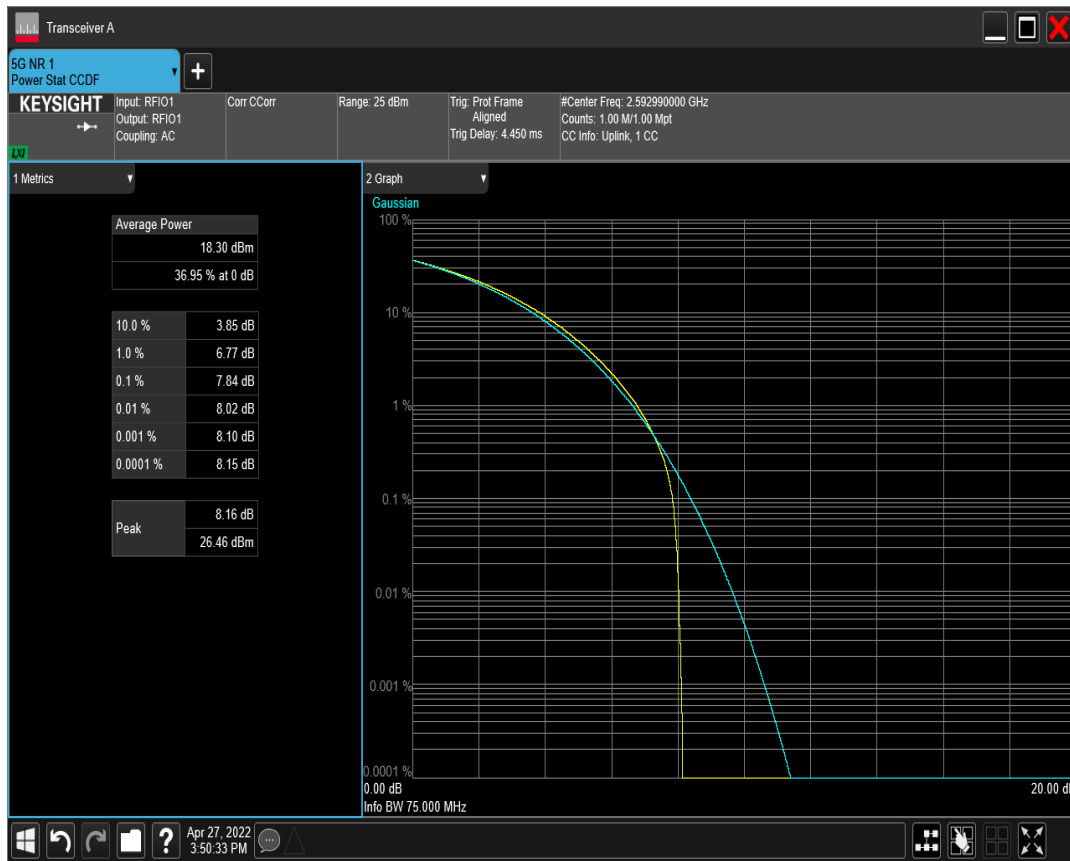
n41 SCS=30kHz CP_QAM16 BW=60MHz Channel=518598 RB=162@0 ant1



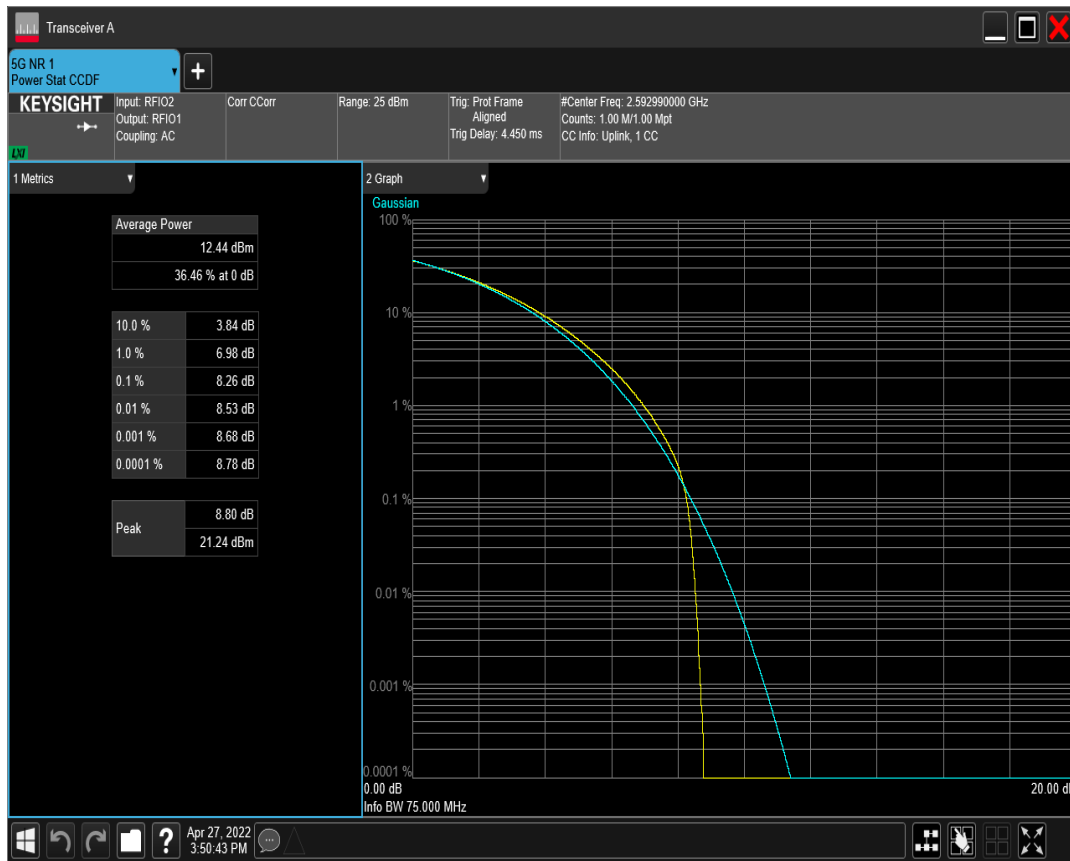
n41 SCS=30kHz CP_QAM16 BW=60MHz Channel=518598 RB=162@0 ant2



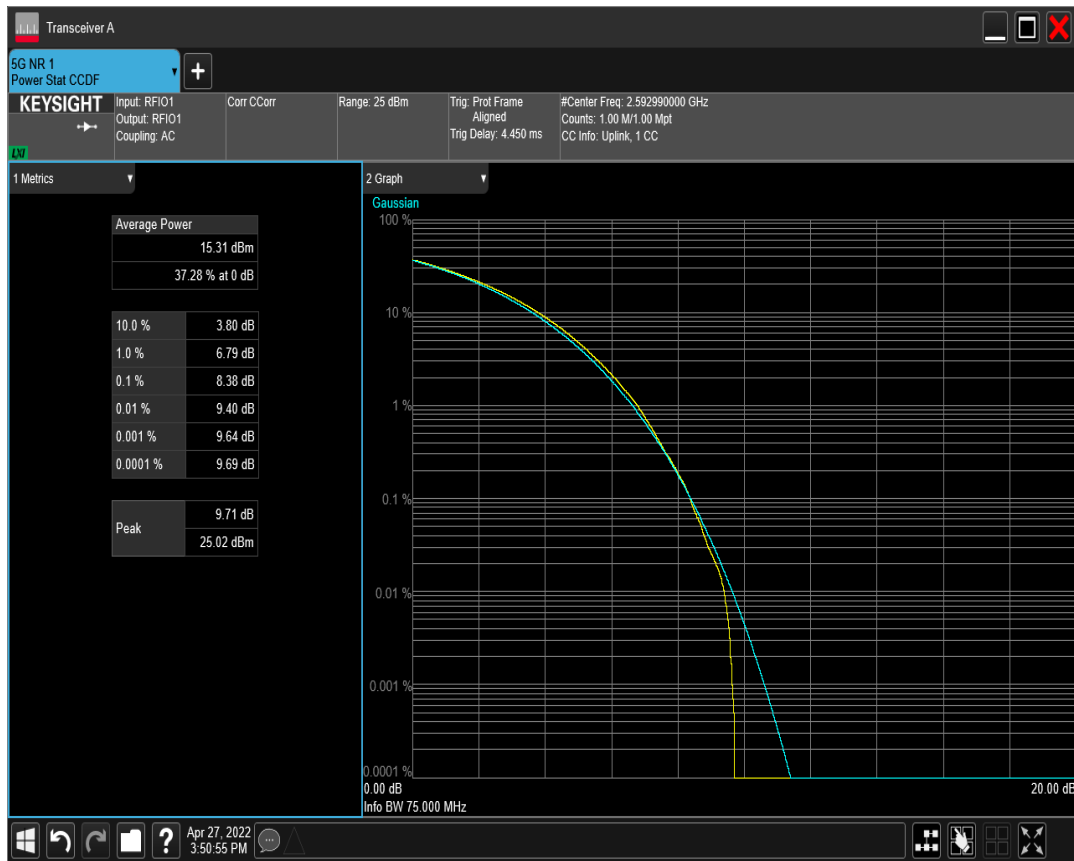
n41 SCS=30kHz CP_QAM64 BW=60MHz Channel=518598 RB=162@0 ant1



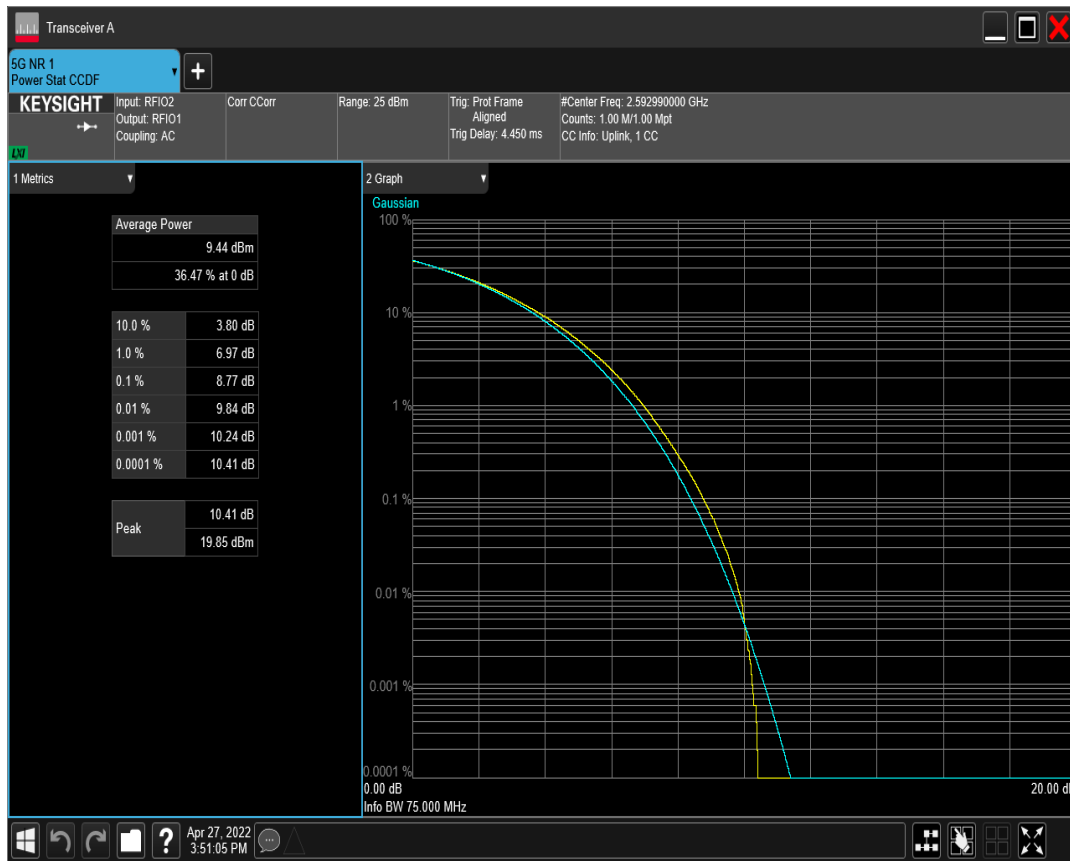
n41 SCS=30kHz CP_QAM64 BW=60MHz Channel=518598 RB=162@0 ant2



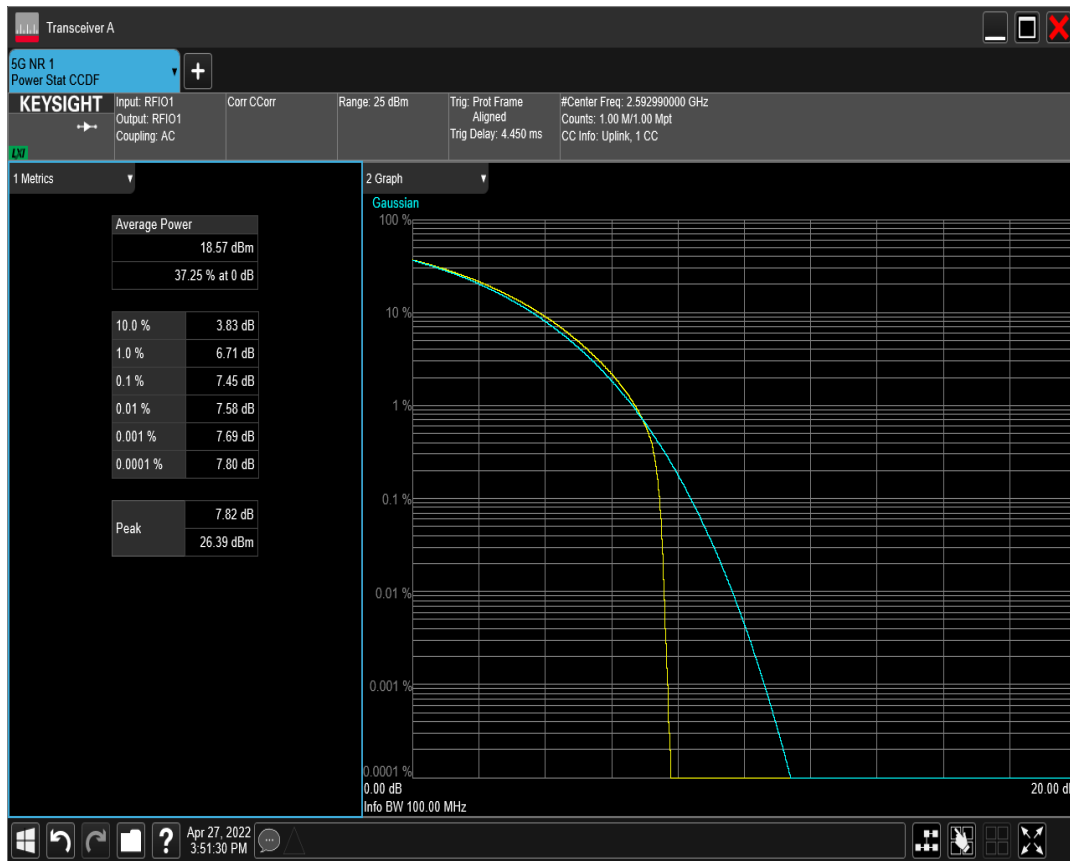
n41 SCS=30kHz CP_QAM256 BW=60MHz Channel=518598 RB=162@0 ant1



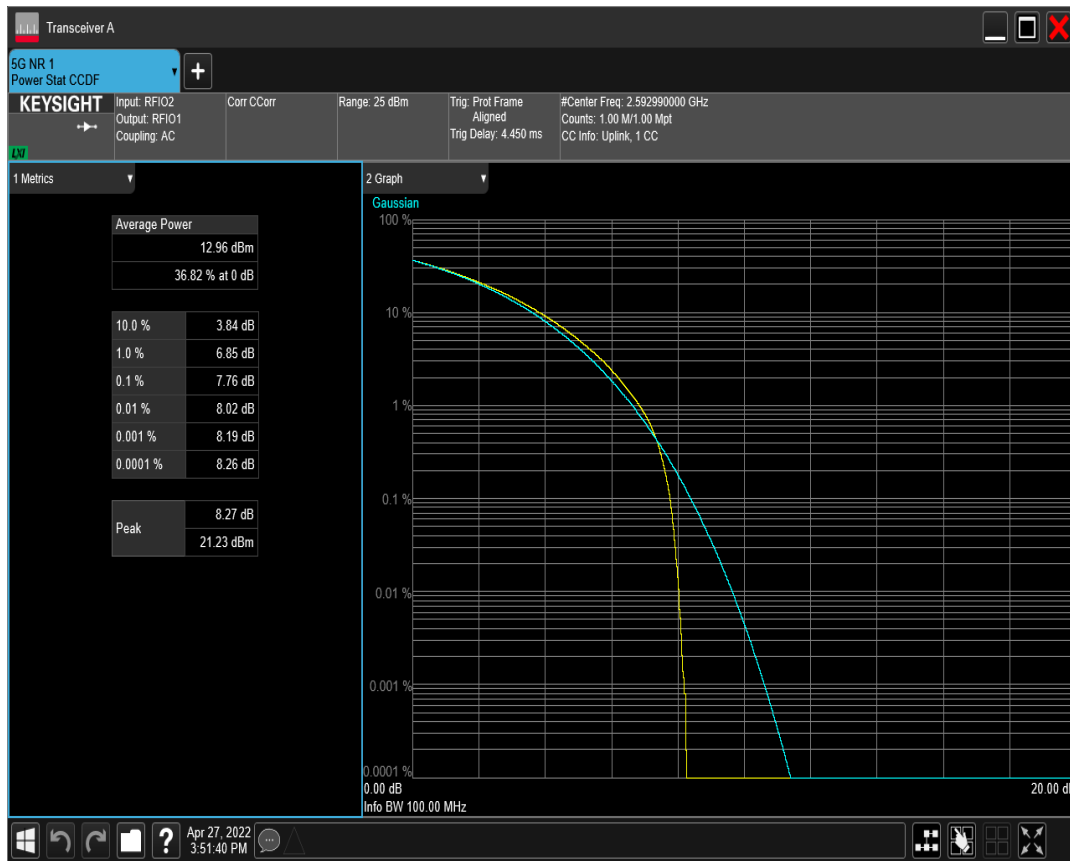
n41 SCS=30kHz CP_QAM256 BW=60MHz Channel=518598 RB=162@0 ant2



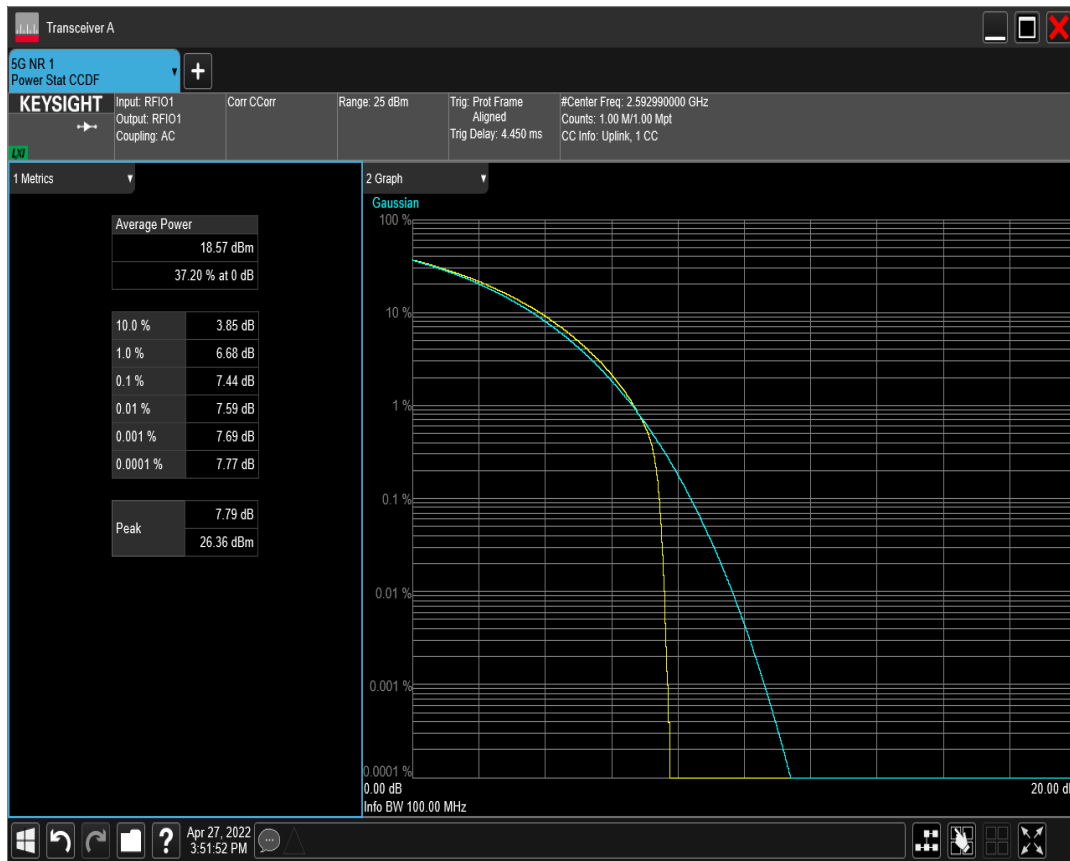
n41 SCS=30kHz CP_QPSK BW=80MHz Channel=518598 RB=217@0 ant1



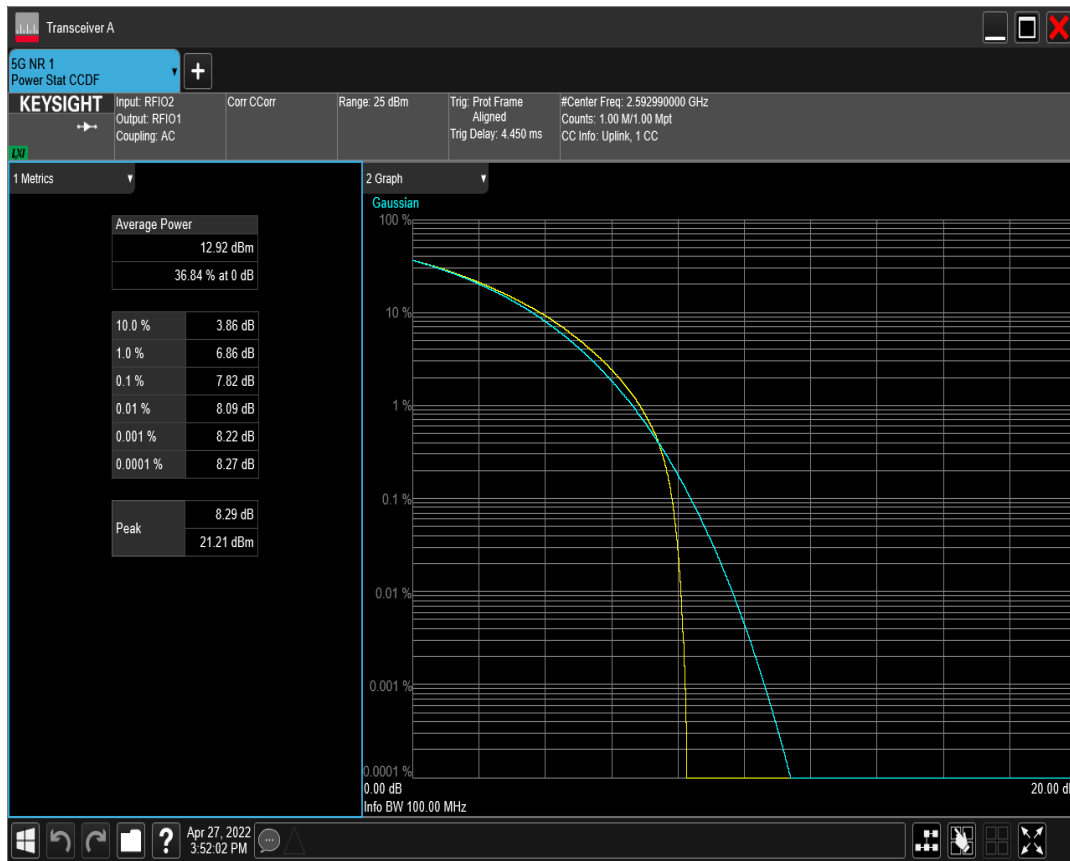
n41 SCS=30kHz CP_QPSK BW=80MHz Channel=518598 RB=217@0 ant2



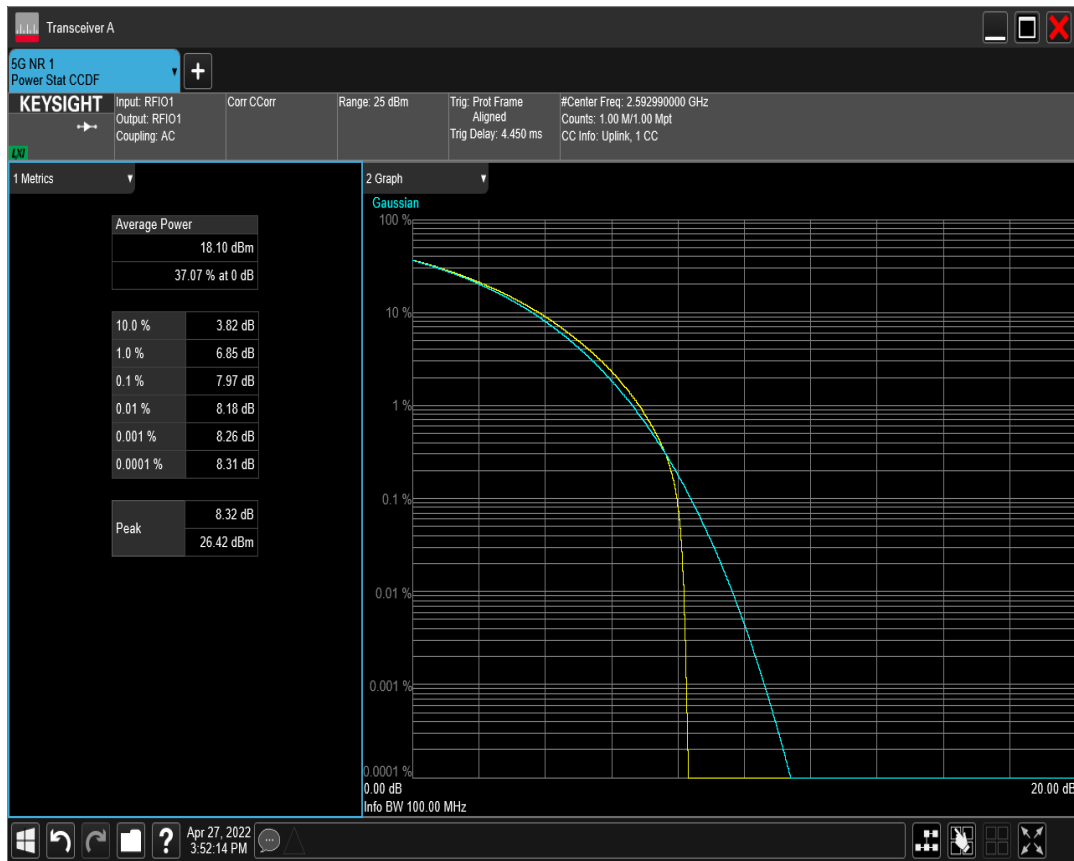
n41 SCS=30kHz CP_QAM16 BW=80MHz Channel=518598 RB=217@0 ant1



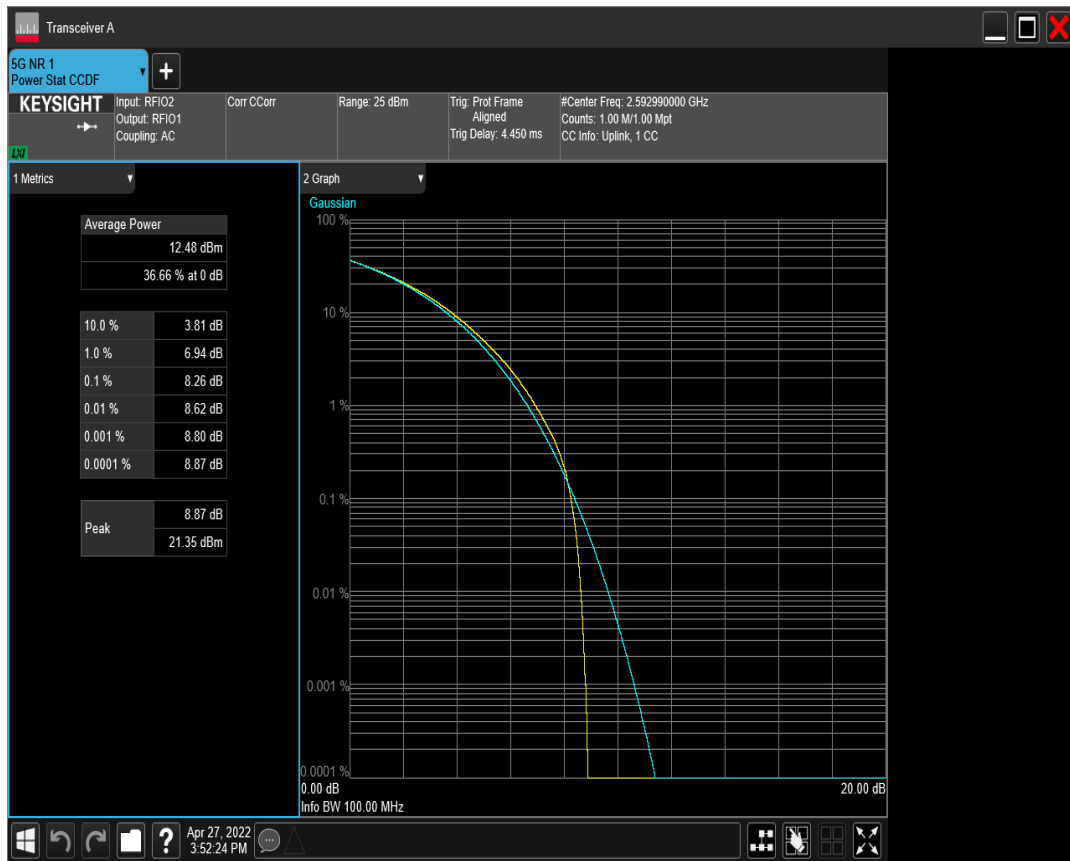
n41 SCS=30kHz CP_QAM16 BW=80MHz Channel=518598 RB=217@0 ant2



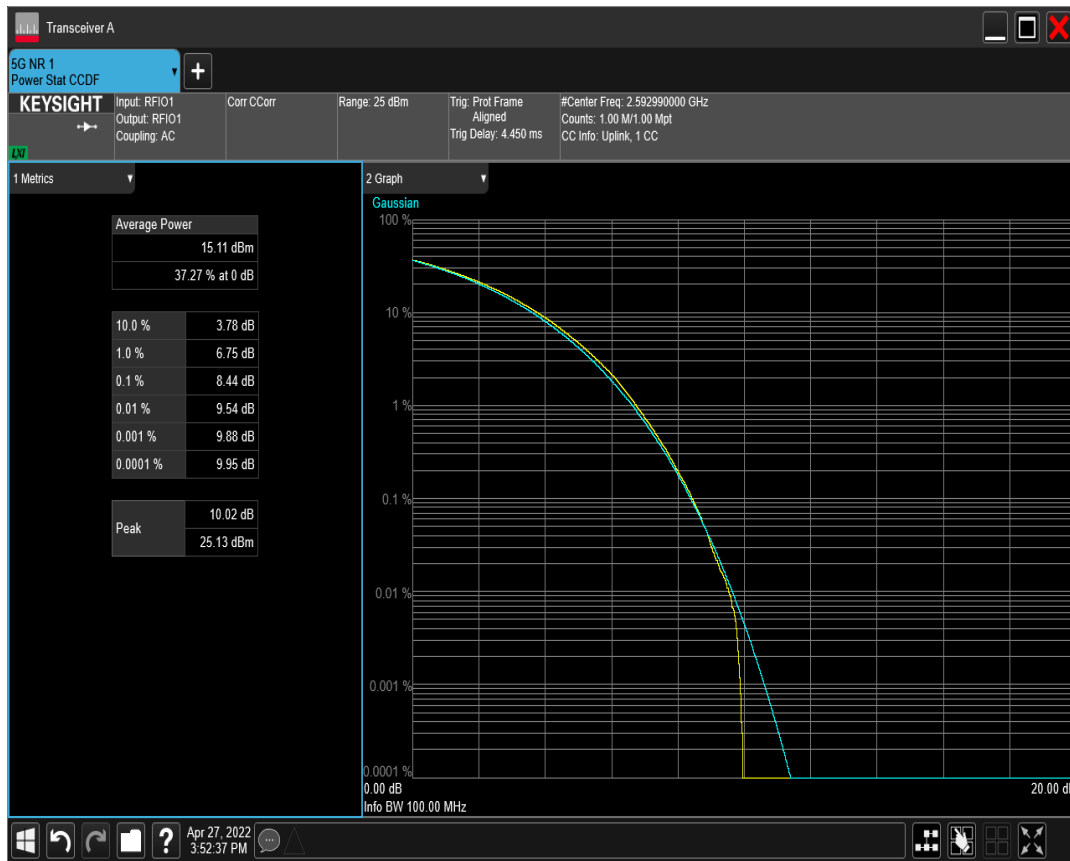
n41 SCS=30kHz CP_QAM64 BW=80MHz Channel=518598 RB=217@0 ant1



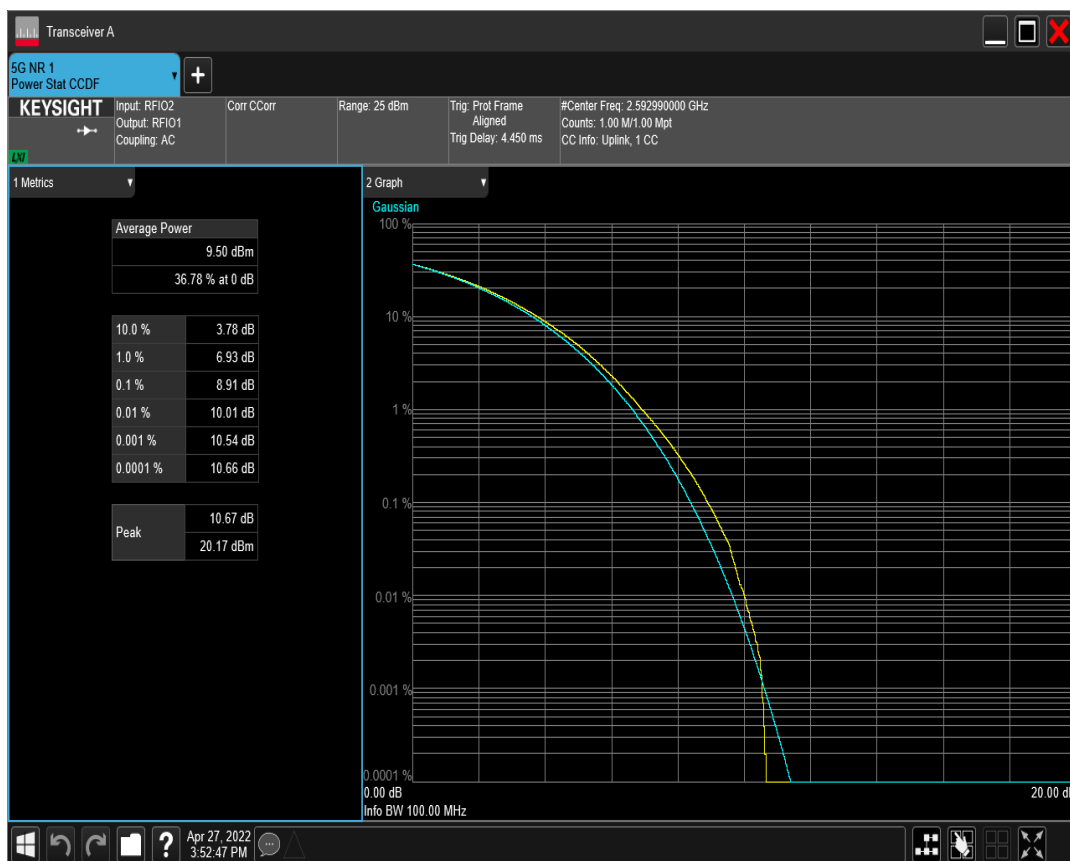
n41 SCS=30kHz CP_QAM64 BW=80MHz Channel=518598 RB=217@0 ant2



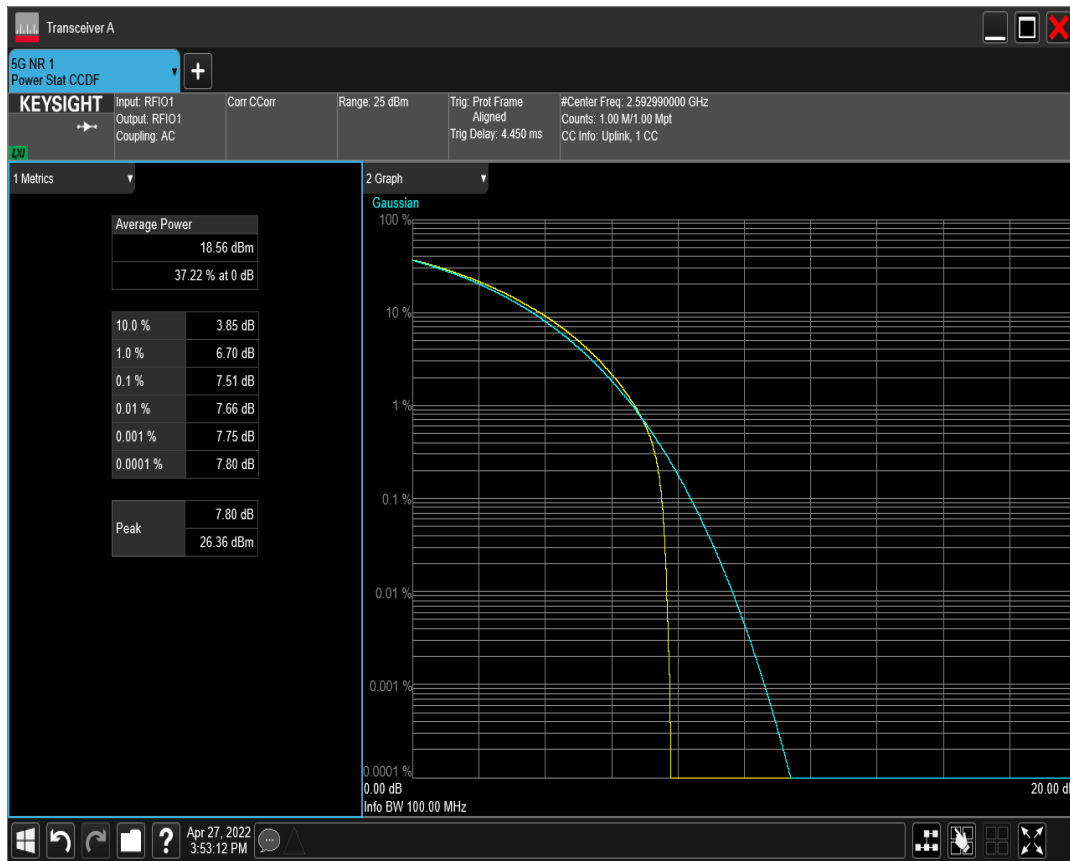
n41 SCS=30kHz CP_QAM256 BW=80MHz Channel=518598 RB=217@0 ant1



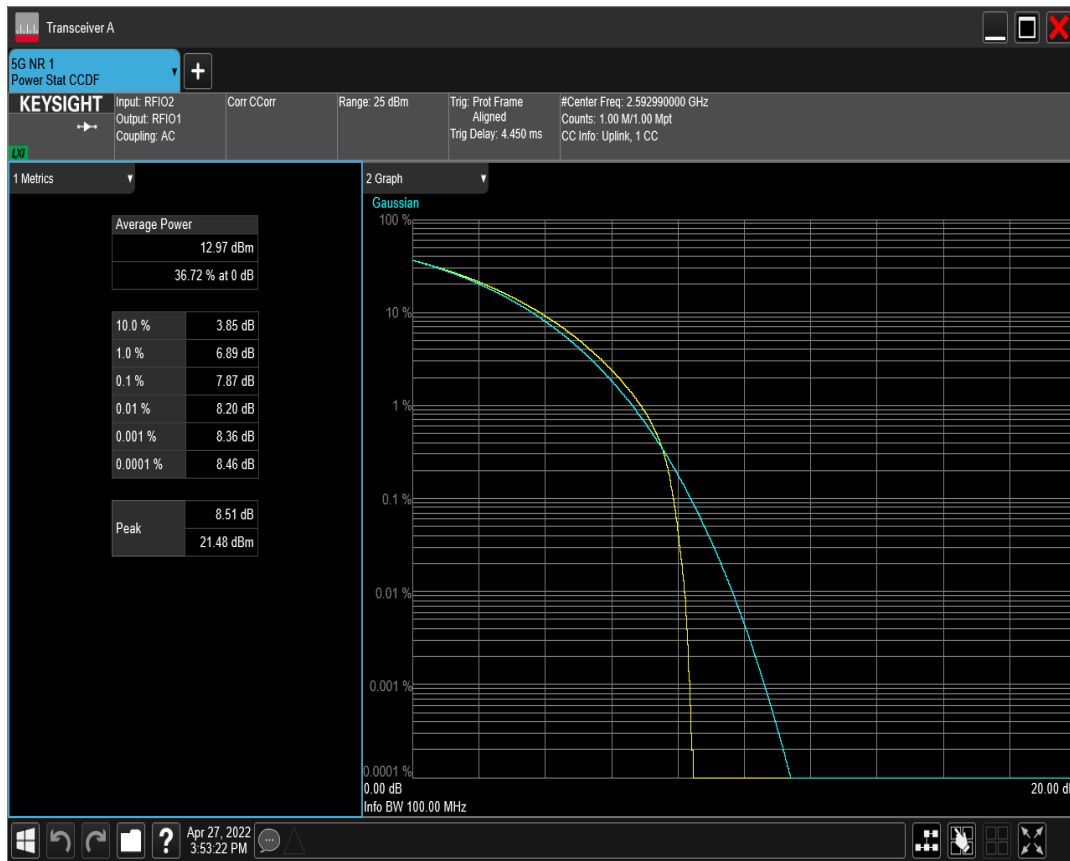
n41 SCS=30kHz CP_QAM256 BW=80MHz Channel=518598 RB=217@0 ant2



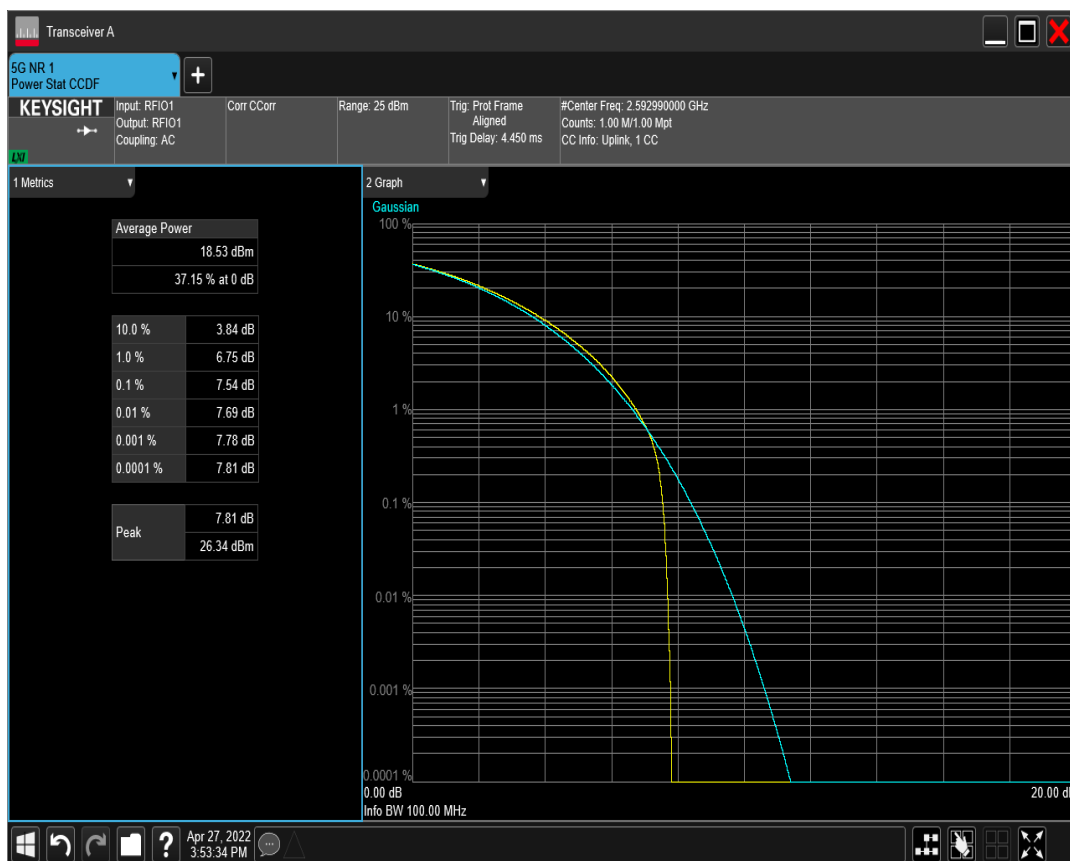
n41 SCS=30kHz CP_QPSK BW=90MHz Channel=518598 RB=245@0 ant1



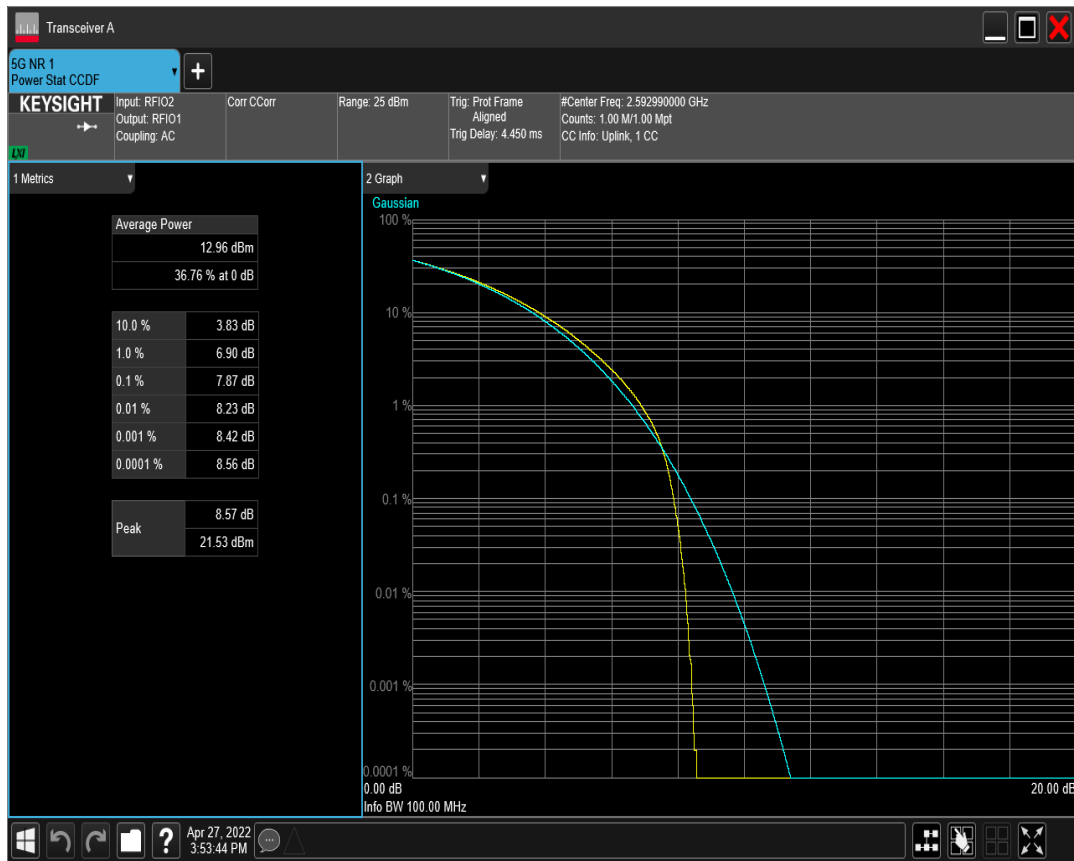
n41 SCS=30kHz CP_QPSK BW=90MHz Channel=518598 RB=245@0 ant2



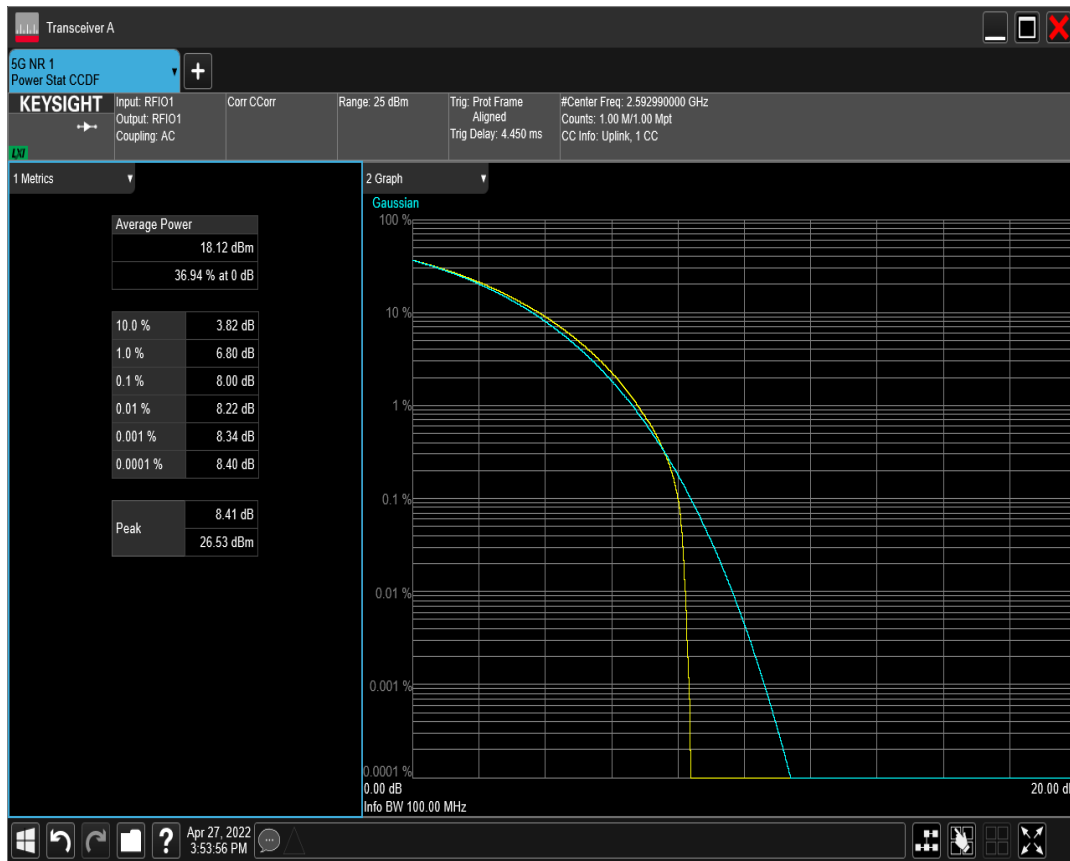
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=518598 RB=245@0 ant1



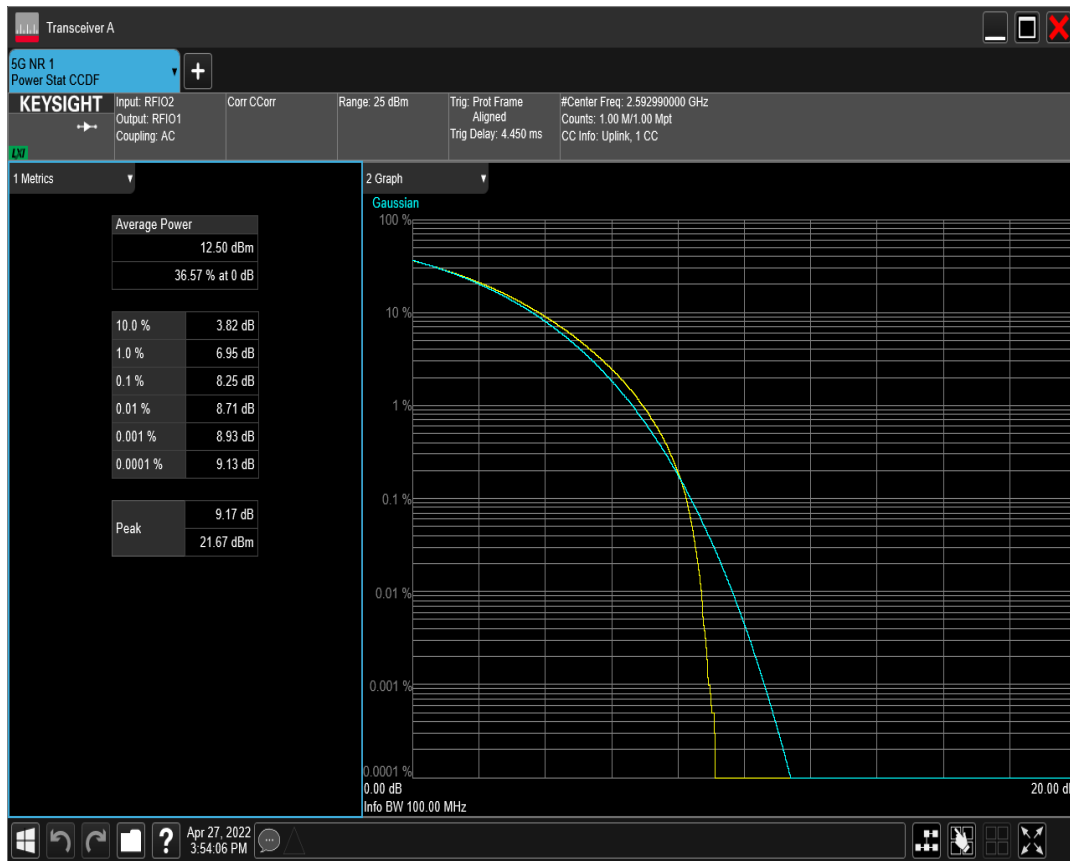
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=518598 RB=245@0 ant2



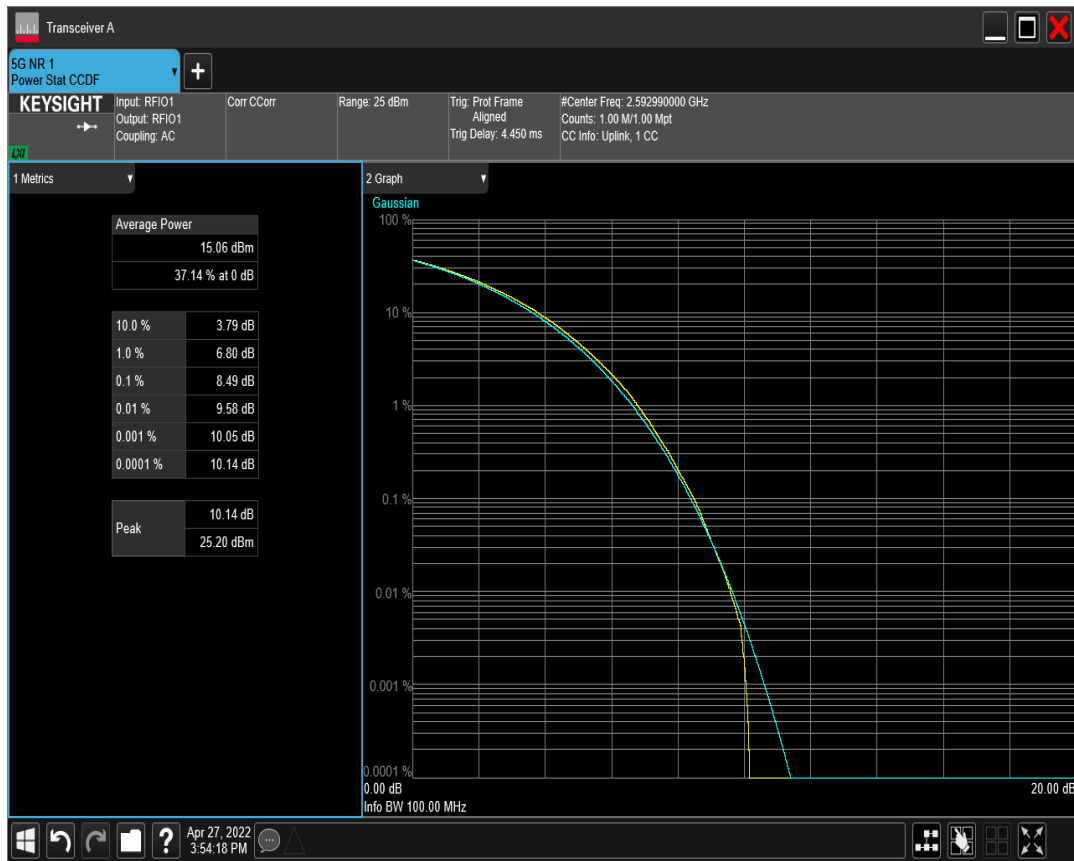
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=518598 RB=245@0 ant1



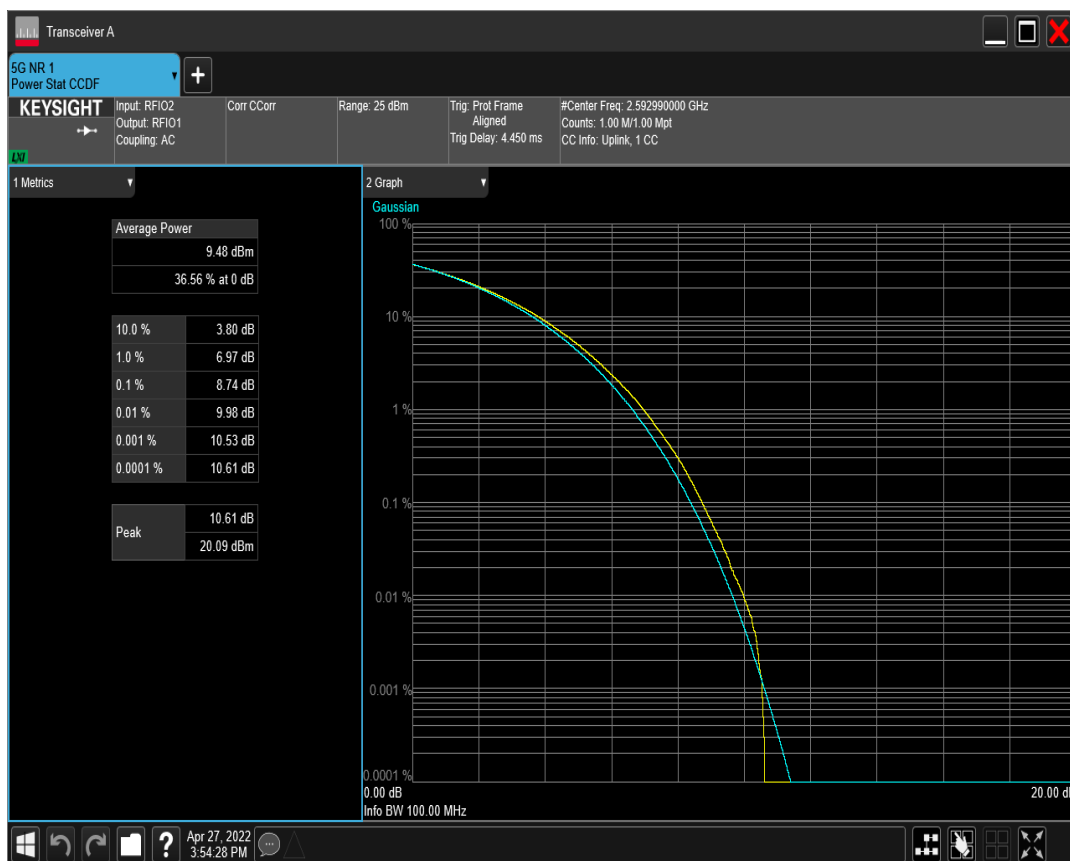
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=518598 RB=245@0 ant2



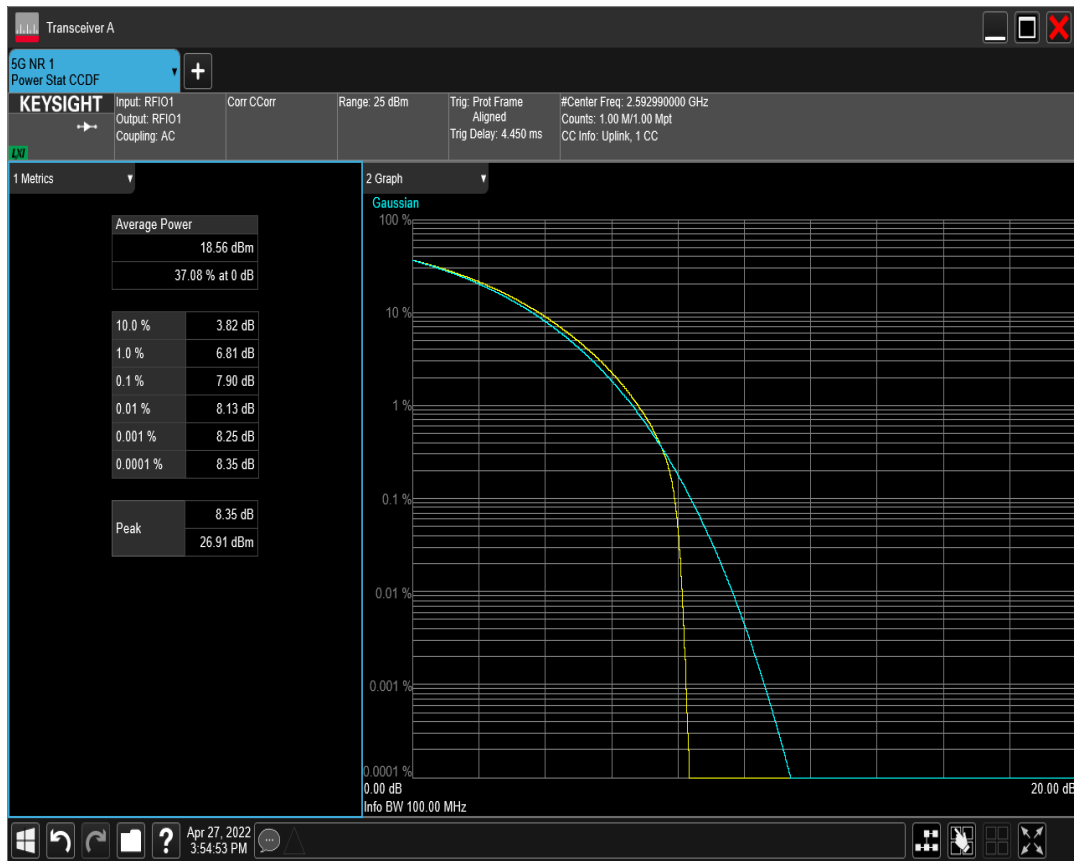
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=518598 RB=245@0 ant1



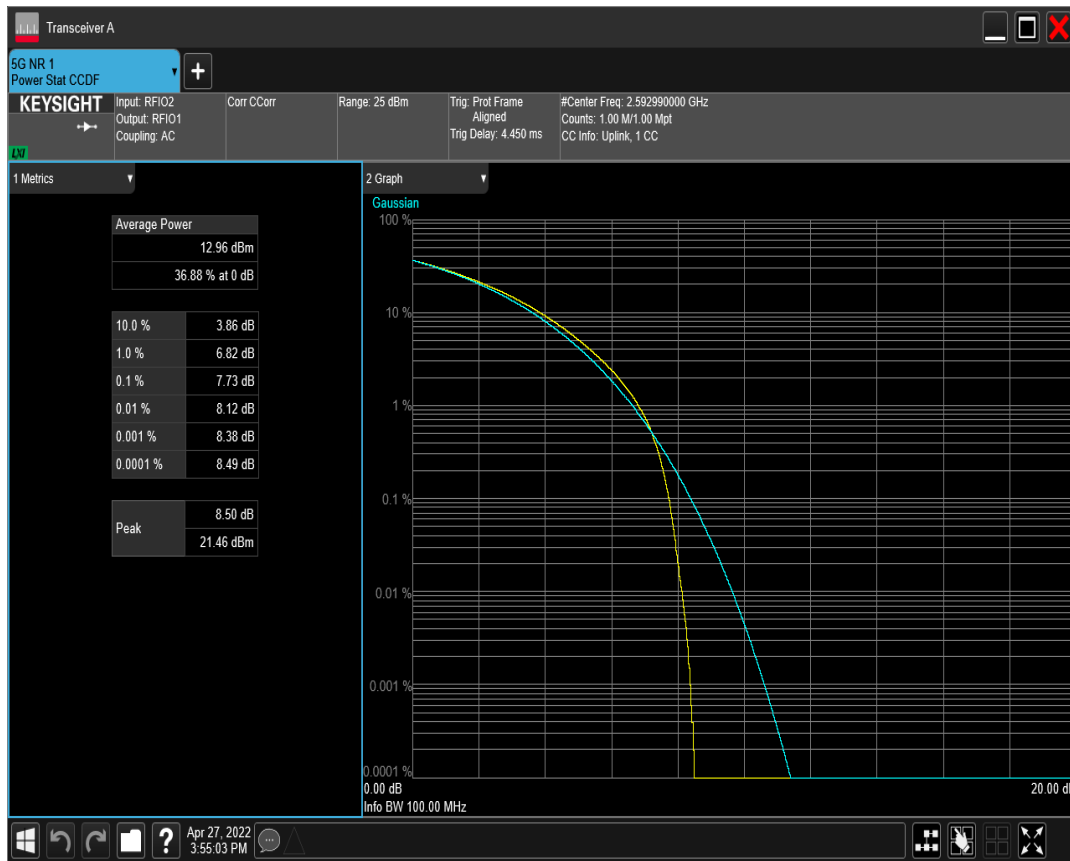
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=518598 RB=245@0 ant2



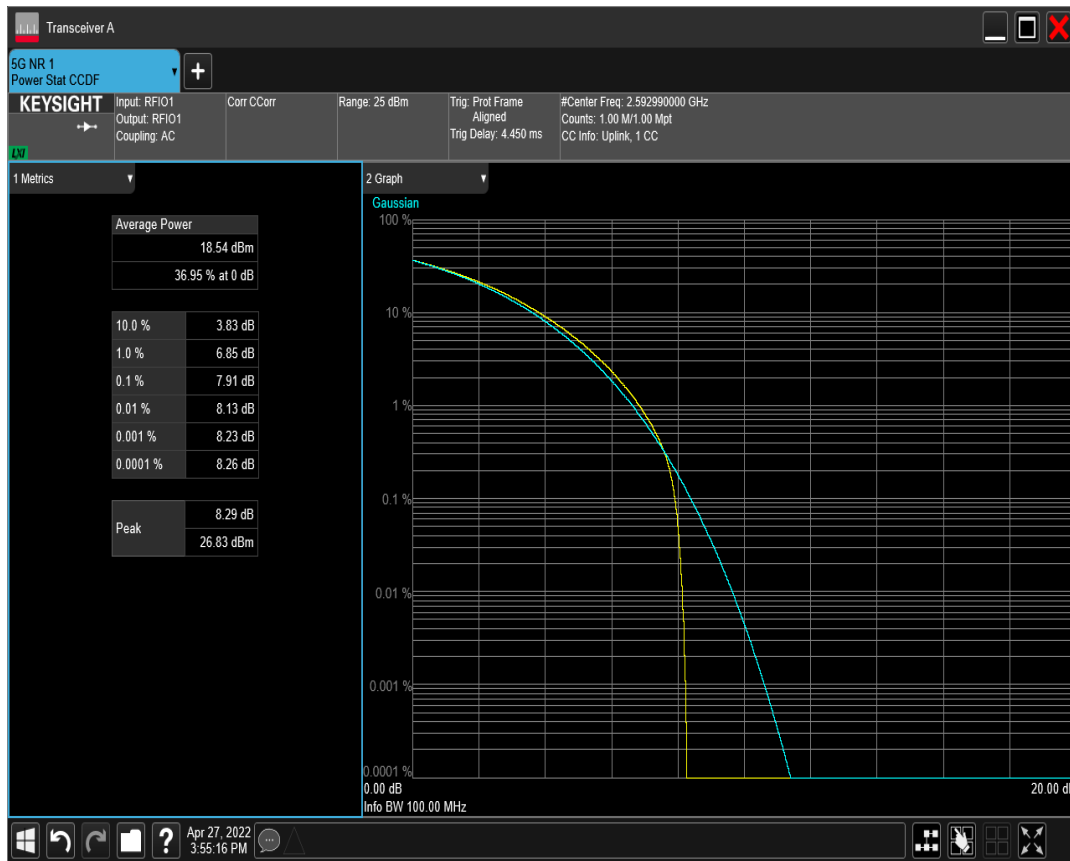
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant1



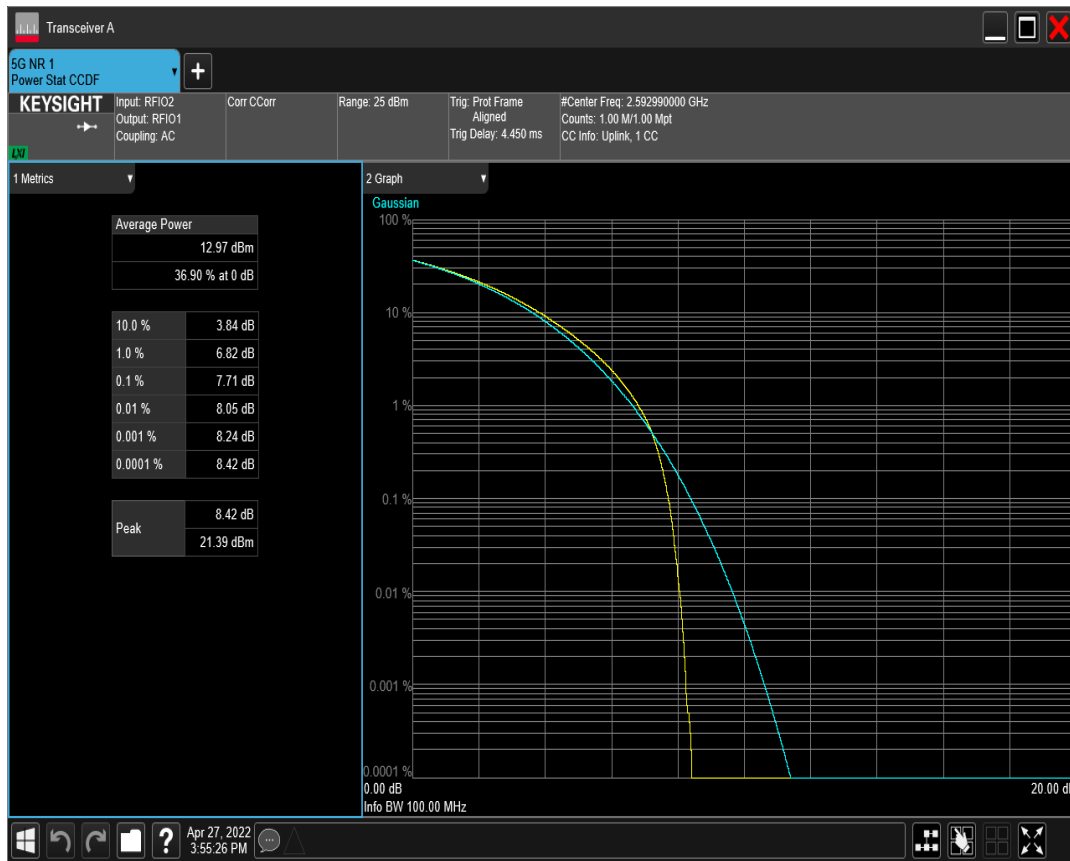
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant2



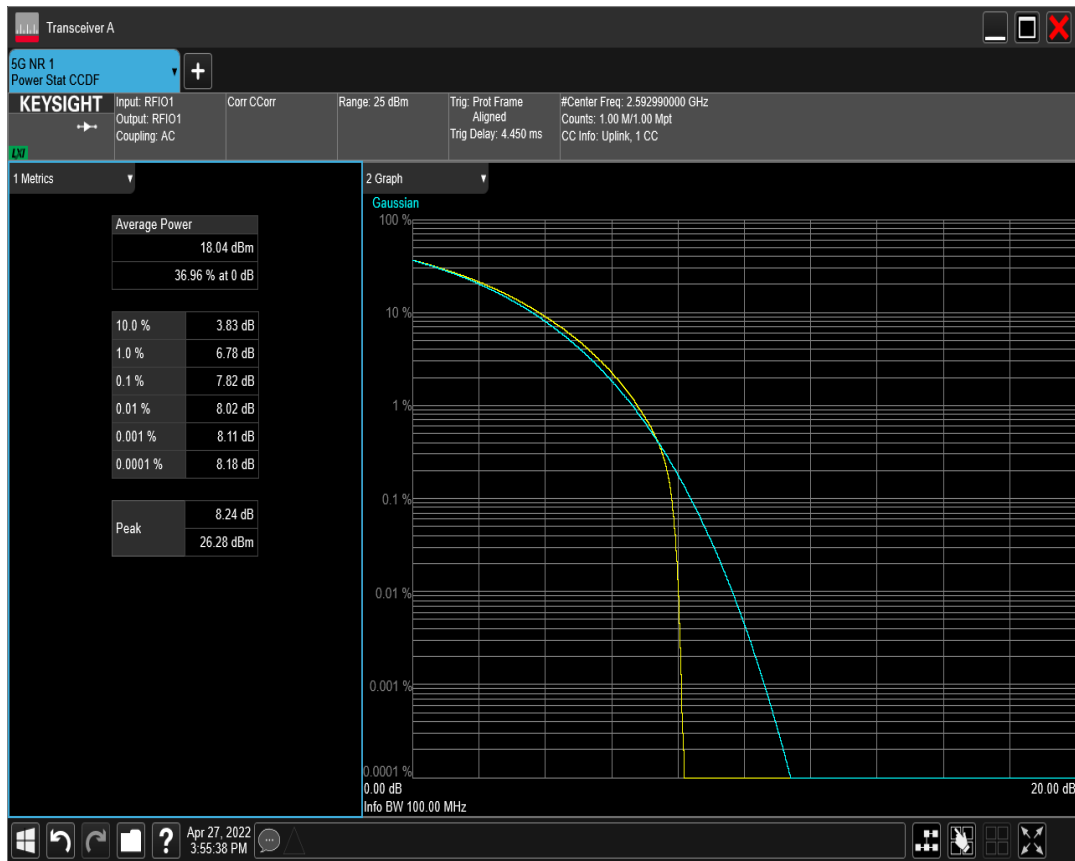
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=518598 RB=273@0 ant1



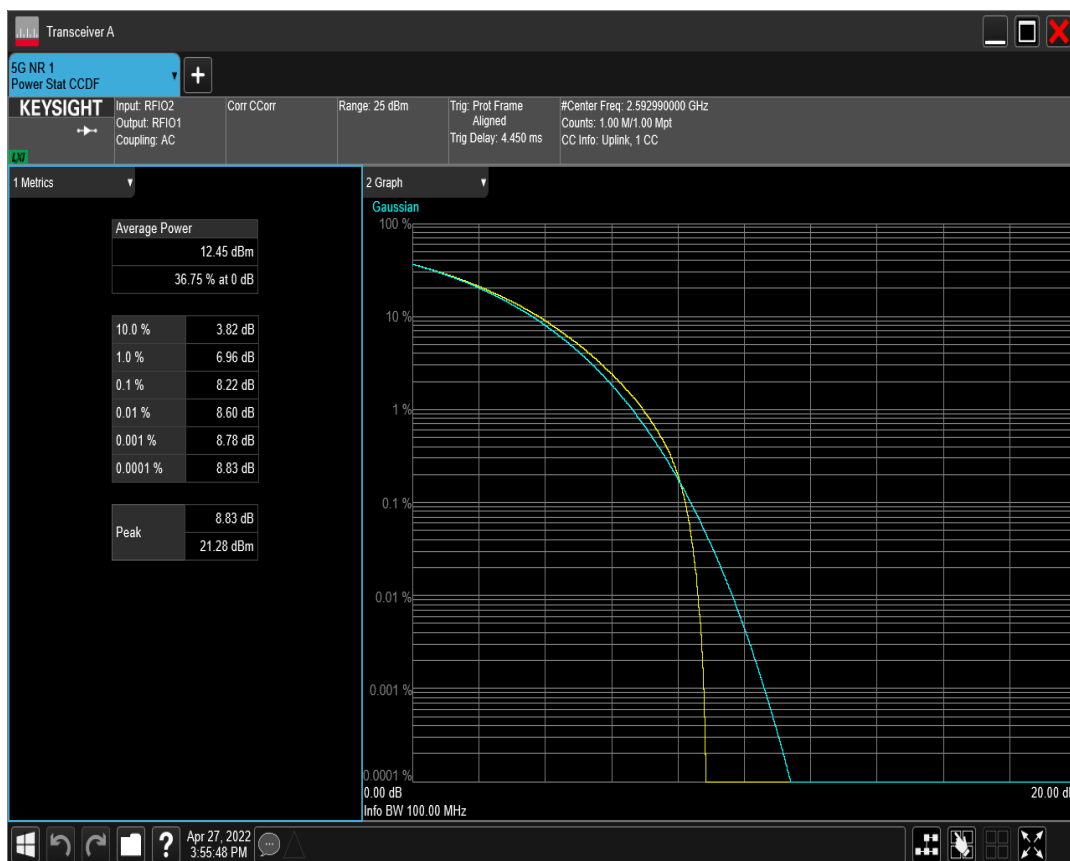
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=518598 RB=273@0 ant2



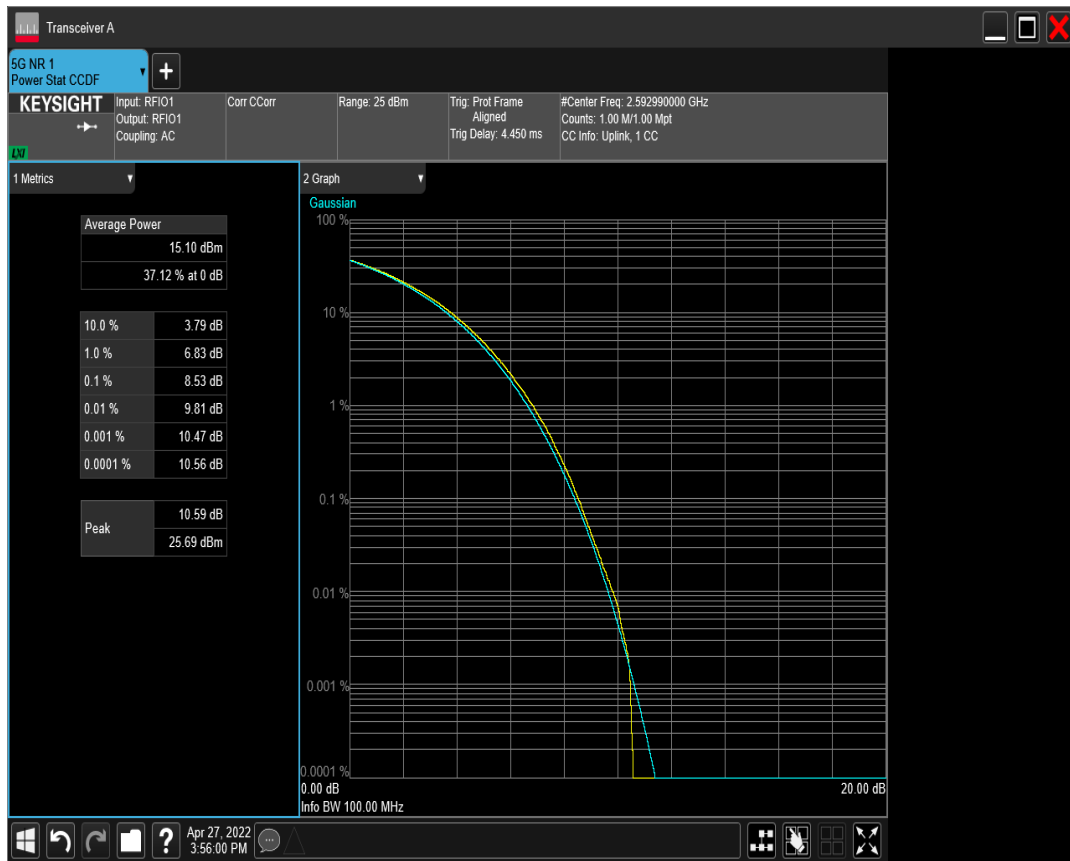
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=518598 RB=273@0 ant1



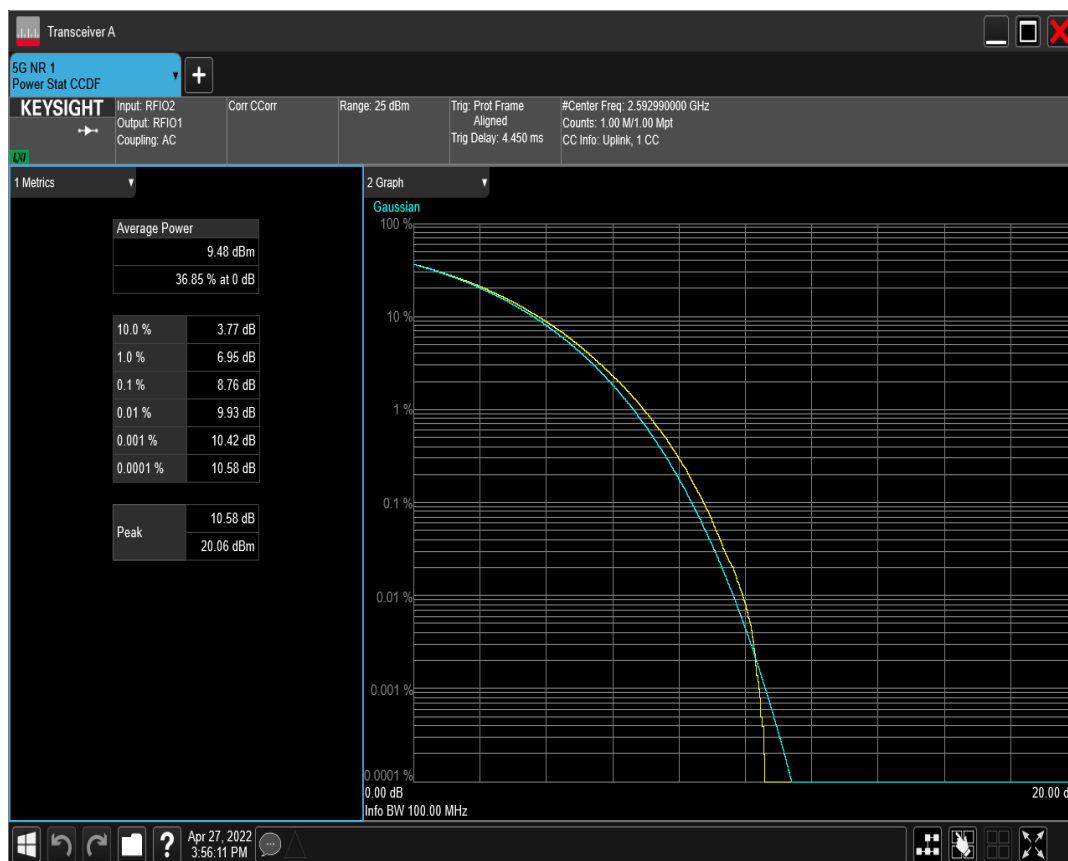
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=518598 RB=273@0 ant2



n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=518598 RB=273@0 ant1



n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=518598 RB=273@0 ant2



4 Occupied bandwidth for NR FR1 UL-MIMO

Band	Ant	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41	ant1	30	20	501204	51@0	CP_QPSK	18.280	19.410	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	18.320	19.380	PASS
n41	ant1	30	20	501204	51@0	CP_QAM16	18.260	19.380	PASS
n41	ant2	30	20	501204	51@0	CP_QAM16	18.280	19.340	PASS
n41	ant1	30	20	501204	51@0	CP_QAM64	18.280	19.340	PASS
n41	ant2	30	20	501204	51@0	CP_QAM64	18.330	19.340	PASS
n41	ant1	30	20	501204	51@0	CP_QAM256	18.320	19.350	PASS
n41	ant2	30	20	501204	51@0	CP_QAM256	18.330	19.390	PASS
n41	ant1	30	20	518598	51@0	CP_QPSK	18.280	19.420	PASS
n41	ant2	30	20	518598	51@0	CP_QPSK	18.320	19.360	PASS
n41	ant1	30	20	518598	51@0	CP_QAM16	18.270	19.350	PASS
n41	ant2	30	20	518598	51@0	CP_QAM16	18.280	19.360	PASS
n41	ant1	30	20	518598	51@0	CP_QAM64	18.280	19.370	PASS
n41	ant2	30	20	518598	51@0	CP_QAM64	18.330	19.350	PASS
n41	ant1	30	20	518598	51@0	CP_QAM256	18.320	19.370	PASS
n41	ant2	30	20	518598	51@0	CP_QAM256	18.340	19.390	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	18.320	19.370	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	18.330	19.390	PASS

n41	ant1	30	20	535998	51@0	CP_QAM16	18.270	19.340	PASS
n41	ant2	30	20	535998	51@0	CP_QAM16	18.320	19.390	PASS
n41	ant1	30	20	535998	51@0	CP_QAM64	18.320	19.400	PASS
n41	ant2	30	20	535998	51@0	CP_QAM64	18.340	19.380	PASS
n41	ant1	30	20	535998	51@0	CP_QAM256	18.320	19.360	PASS
n41	ant2	30	20	535998	51@0	CP_QAM256	18.340	19.390	PASS
n41	ant1	30	30	502200	78@0	CP_QPSK	27.980	29.520	PASS
n41	ant2	30	30	502200	78@0	CP_QPSK	27.990	29.540	PASS
n41	ant1	30	30	502200	78@0	CP_QAM16	27.970	29.560	PASS
n41	ant2	30	30	502200	78@0	CP_QAM16	27.990	29.540	PASS
n41	ant1	30	30	502200	78@0	CP_QAM64	28.000	29.590	PASS
n41	ant2	30	30	502200	78@0	CP_QAM64	28.000	29.580	PASS
n41	ant1	30	30	502200	78@0	CP_QAM256	27.980	29.540	PASS
n41	ant2	30	30	502200	78@0	CP_QAM256	28.010	29.530	PASS
n41	ant1	30	30	518598	78@0	CP_QPSK	27.990	29.540	PASS
n41	ant2	30	30	518598	78@0	CP_QPSK	28.000	29.590	PASS
n41	ant1	30	30	518598	78@0	CP_QAM16	27.980	29.550	PASS
n41	ant2	30	30	518598	78@0	CP_QAM16	28.000	29.550	PASS
n41	ant1	30	30	518598	78@0	CP_QAM64	28.010	29.560	PASS
n41	ant2	30	30	518598	78@0	CP_QAM64	28.000	29.580	PASS
n41	ant1	30	30	518598	78@0	CP_QAM256	27.990	29.560	PASS
n41	ant2	30	30	518598	78@0	CP_QAM256	28.010	29.550	PASS
n41	ant1	30	30	534996	78@0	CP_QPSK	27.990	29.540	PASS
n41	ant2	30	30	534996	78@0	CP_QPSK	28.010	29.540	PASS
n41	ant1	30	30	534996	78@0	CP_QAM16	27.980	29.550	PASS
n41	ant2	30	30	534996	78@0	CP_QAM16	28.010	29.520	PASS
n41	ant1	30	30	534996	78@0	CP_QAM64	28.010	29.550	PASS
n41	ant2	30	30	534996	78@0	CP_QAM64	28.010	29.560	PASS
n41	ant1	30	30	534996	78@0	CP_QAM256	27.990	29.570	PASS
n41	ant2	30	30	534996	78@0	CP_QAM256	28.090	29.560	PASS
n41	ant1	30	40	503202	106@0	CP_QPSK	37.970	40.050	PASS
n41	ant2	30	40	503202	106@0	CP_QPSK	38.080	40.030	PASS
n41	ant1	30	40	503202	106@0	CP_QAM16	37.970	40.020	PASS
n41	ant2	30	40	503202	106@0	CP_QAM16	38.090	40.030	PASS
n41	ant1	30	40	503202	106@0	CP_QAM64	37.980	40.050	PASS
n41	ant2	30	40	503202	106@0	CP_QAM64	38.080	40.030	PASS
n41	ant1	30	40	503202	106@0	CP_QAM256	37.970	40.030	PASS
n41	ant2	30	40	503202	106@0	CP_QAM256	38.090	40.060	PASS
n41	ant1	30	40	518598	106@0	CP_QPSK	38.000	40.110	PASS
n41	ant2	30	40	518598	106@0	CP_QPSK	38.090	40.060	PASS
n41	ant1	30	40	518598	106@0	CP_QAM16	37.990	40.080	PASS
n41	ant2	30	40	518598	106@0	CP_QAM16	38.090	40.060	PASS

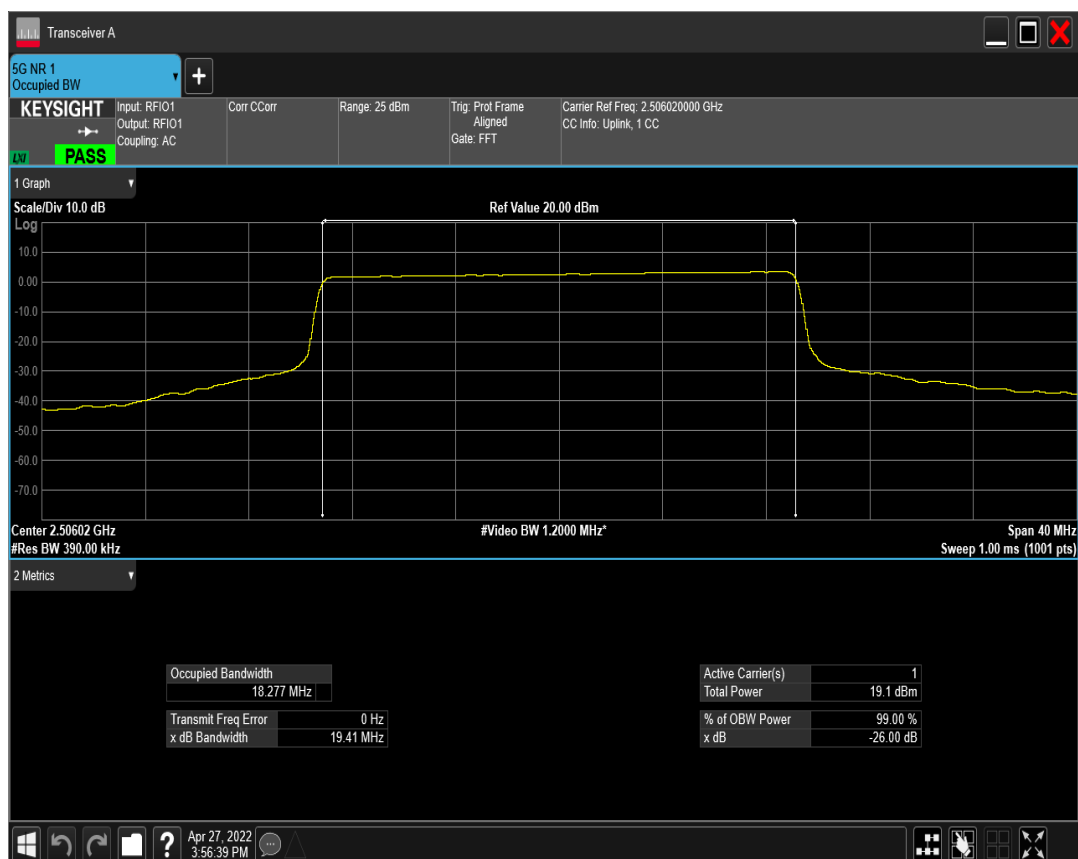
n41	ant1	30	40	518598	106@0	CP_QAM64	38.080	40.120	PASS
n41	ant2	30	40	518598	106@0	CP_QAM64	38.090	40.080	PASS
n41	ant1	30	40	518598	106@0	CP_QAM256	37.990	40.090	PASS
n41	ant2	30	40	518598	106@0	CP_QAM256	38.090	40.080	PASS
n41	ant1	30	40	534000	106@0	CP_QPSK	38.080	40.080	PASS
n41	ant2	30	40	534000	106@0	CP_QPSK	38.100	40.040	PASS
n41	ant1	30	40	534000	106@0	CP_QAM16	38.000	40.060	PASS
n41	ant2	30	40	534000	106@0	CP_QAM16	38.110	40.040	PASS
n41	ant1	30	40	534000	106@0	CP_QAM64	38.090	40.110	PASS
n41	ant2	30	40	534000	106@0	CP_QAM64	38.100	40.040	PASS
n41	ant1	30	40	534000	106@0	CP_QAM256	38.080	40.070	PASS
n41	ant2	30	40	534000	106@0	CP_QAM256	38.110	40.050	PASS
n41	ant1	30	50	504204	133@0	CP_QPSK	47.650	50.200	PASS
n41	ant2	30	50	504204	133@0	CP_QPSK	47.700	50.170	PASS
n41	ant1	30	50	504204	133@0	CP_QAM16	47.640	50.210	PASS
n41	ant2	30	50	504204	133@0	CP_QAM16	47.680	50.150	PASS
n41	ant1	30	50	504204	133@0	CP_QAM64	47.640	50.220	PASS
n41	ant2	30	50	504204	133@0	CP_QAM64	47.800	50.190	PASS
n41	ant1	30	50	504204	133@0	CP_QAM256	47.650	50.210	PASS
n41	ant2	30	50	504204	133@0	CP_QAM256	47.800	50.190	PASS
n41	ant1	30	50	518598	133@0	CP_QPSK	47.680	50.280	PASS
n41	ant2	30	50	518598	133@0	CP_QPSK	47.820	50.200	PASS
n41	ant1	30	50	518598	133@0	CP_QAM16	47.670	50.280	PASS
n41	ant2	30	50	518598	133@0	CP_QAM16	47.820	50.190	PASS
n41	ant1	30	50	518598	133@0	CP_QAM64	47.670	50.260	PASS
n41	ant2	30	50	518598	133@0	CP_QAM64	47.830	50.220	PASS
n41	ant1	30	50	518598	133@0	CP_QAM256	47.680	50.280	PASS
n41	ant2	30	50	518598	133@0	CP_QAM256	47.830	50.250	PASS
n41	ant1	30	50	532998	133@0	CP_QPSK	47.690	50.230	PASS
n41	ant2	30	50	532998	133@0	CP_QPSK	47.800	50.170	PASS
n41	ant1	30	50	532998	133@0	CP_QAM16	47.680	50.240	PASS
n41	ant2	30	50	532998	133@0	CP_QAM16	47.700	50.190	PASS
n41	ant1	30	50	532998	133@0	CP_QAM64	47.690	50.270	PASS
n41	ant2	30	50	532998	133@0	CP_QAM64	47.810	50.210	PASS
n41	ant1	30	50	532998	133@0	CP_QAM256	47.690	50.230	PASS
n41	ant2	30	50	532998	133@0	CP_QAM256	47.810	50.230	PASS
n41	ant1	30	60	505200	162@0	CP_QPSK	58.090	61.030	PASS
n41	ant2	30	60	505200	162@0	CP_QPSK	58.100	60.990	PASS
n41	ant1	30	60	505200	162@0	CP_QAM16	58.090	61.030	PASS
n41	ant2	30	60	505200	162@0	CP_QAM16	58.090	60.990	PASS
n41	ant1	30	60	505200	162@0	CP_QAM64	57.960	61.020	PASS
n41	ant2	30	60	505200	162@0	CP_QAM64	57.950	60.980	PASS

n41	ant1	30	60	505200	162@0	CP_QAM256	57.950	61.020	PASS
n41	ant2	30	60	505200	162@0	CP_QAM256	58.090	61.000	PASS
n41	ant1	30	60	518598	162@0	CP_QPSK	58.100	61.090	PASS
n41	ant2	30	60	518598	162@0	CP_QPSK	58.180	61.050	PASS
n41	ant1	30	60	518598	162@0	CP_QAM16	58.100	61.100	PASS
n41	ant2	30	60	518598	162@0	CP_QAM16	58.180	61.050	PASS
n41	ant1	30	60	518598	162@0	CP_QAM64	58.090	61.080	PASS
n41	ant2	30	60	518598	162@0	CP_QAM64	58.160	61.050	PASS
n41	ant1	30	60	518598	162@0	CP_QAM256	58.090	61.080	PASS
n41	ant2	30	60	518598	162@0	CP_QAM256	58.180	61.080	PASS
n41	ant1	30	60	531996	162@0	CP_QPSK	58.120	61.060	PASS
n41	ant2	30	60	531996	162@0	CP_QPSK	58.120	61.010	PASS
n41	ant1	30	60	531996	162@0	CP_QAM16	58.120	61.090	PASS
n41	ant2	30	60	531996	162@0	CP_QAM16	58.130	61.000	PASS
n41	ant1	30	60	531996	162@0	CP_QAM64	58.110	61.030	PASS
n41	ant2	30	60	531996	162@0	CP_QAM64	58.110	61.020	PASS
n41	ant1	30	60	531996	162@0	CP_QAM256	58.110	61.050	PASS
n41	ant2	30	60	531996	162@0	CP_QAM256	58.120	61.040	PASS
n41	ant1	30	80	507204	217@0	CP_QPSK	77.780	81.700	PASS
n41	ant2	30	80	507204	217@0	CP_QPSK	77.560	81.680	PASS
n41	ant1	30	80	507204	217@0	CP_QAM16	77.780	81.690	PASS
n41	ant2	30	80	507204	217@0	CP_QAM16	77.560	81.680	PASS
n41	ant1	30	80	507204	217@0	CP_QAM64	77.780	81.700	PASS
n41	ant2	30	80	507204	217@0	CP_QAM64	77.560	81.680	PASS
n41	ant1	30	80	507204	217@0	CP_QAM256	77.800	81.720	PASS
n41	ant2	30	80	507204	217@0	CP_QAM256	77.580	81.720	PASS
n41	ant1	30	80	518598	217@0	CP_QPSK	77.760	81.790	PASS
n41	ant2	30	80	518598	217@0	CP_QPSK	78.090	81.800	PASS
n41	ant1	30	80	518598	217@0	CP_QAM16	77.760	81.790	PASS
n41	ant2	30	80	518598	217@0	CP_QAM16	78.090	81.810	PASS
n41	ant1	30	80	518598	217@0	CP_QAM64	77.780	81.800	PASS
n41	ant2	30	80	518598	217@0	CP_QAM64	78.100	81.810	PASS
n41	ant1	30	80	518598	217@0	CP_QAM256	77.790	81.810	PASS
n41	ant2	30	80	518598	217@0	CP_QAM256	78.120	81.840	PASS
n41	ant1	30	80	529998	217@0	CP_QPSK	77.820	81.750	PASS
n41	ant2	30	80	529998	217@0	CP_QPSK	77.570	81.680	PASS
n41	ant1	30	80	529998	217@0	CP_QAM16	77.810	81.750	PASS
n41	ant2	30	80	529998	217@0	CP_QAM16	77.570	81.690	PASS
n41	ant1	30	80	529998	217@0	CP_QAM64	77.830	81.760	PASS
n41	ant2	30	80	529998	217@0	CP_QAM64	77.580	81.700	PASS
n41	ant1	30	80	529998	217@0	CP_QAM256	77.840	81.760	PASS
n41	ant2	30	80	529998	217@0	CP_QAM256	77.600	81.730	PASS

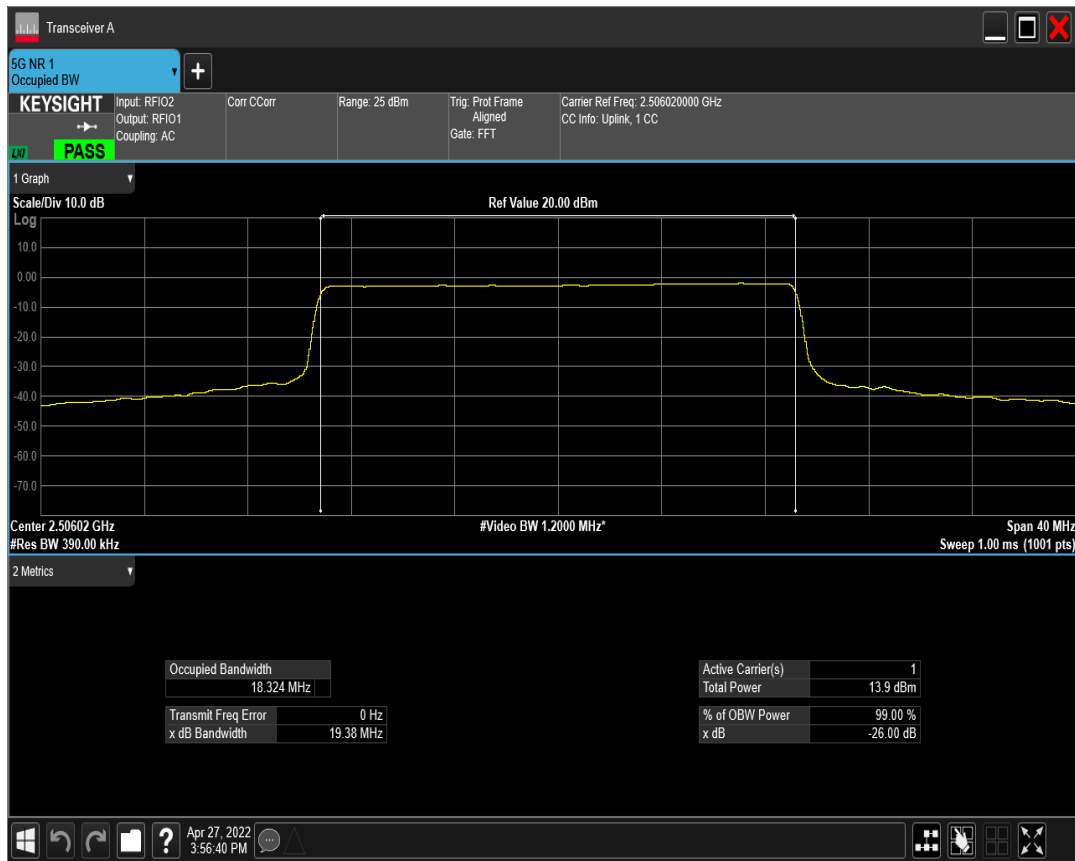
n41	ant1	30	90	508200	245@0	CP_QPSK	87.650	92.240	PASS
n41	ant2	30	90	508200	245@0	CP_QPSK	87.600	92.240	PASS
n41	ant1	30	90	508200	245@0	CP_QAM16	87.660	92.230	PASS
n41	ant2	30	90	508200	245@0	CP_QAM16	87.620	92.270	PASS
n41	ant1	30	90	508200	245@0	CP_QAM64	87.630	92.230	PASS
n41	ant2	30	90	508200	245@0	CP_QAM64	87.590	92.210	PASS
n41	ant1	30	90	508200	245@0	CP_QAM256	87.840	92.270	PASS
n41	ant2	30	90	508200	245@0	CP_QAM256	87.610	92.320	PASS
n41	ant1	30	90	518598	245@0	CP_QPSK	87.640	92.390	PASS
n41	ant2	30	90	518598	245@0	CP_QPSK	88.010	92.420	PASS
n41	ant1	30	90	518598	245@0	CP_QAM16	87.650	92.380	PASS
n41	ant2	30	90	518598	245@0	CP_QAM16	88.210	92.440	PASS
n41	ant1	30	90	518598	245@0	CP_QAM64	87.630	92.360	PASS
n41	ant2	30	90	518598	245@0	CP_QAM64	88.000	92.400	PASS
n41	ant1	30	90	518598	245@0	CP_QAM256	87.650	92.390	PASS
n41	ant2	30	90	518598	245@0	CP_QAM256	88.200	92.470	PASS
n41	ant1	30	90	528996	245@0	CP_QPSK	87.890	92.330	PASS
n41	ant2	30	90	528996	245@0	CP_QPSK	87.570	92.220	PASS
n41	ant1	30	90	528996	245@0	CP_QAM16	87.900	92.300	PASS
n41	ant2	30	90	528996	245@0	CP_QAM16	87.590	92.220	PASS
n41	ant1	30	90	528996	245@0	CP_QAM64	87.880	92.320	PASS
n41	ant2	30	90	528996	245@0	CP_QAM64	87.550	92.180	PASS
n41	ant1	30	90	528996	245@0	CP_QAM256	87.900	92.310	PASS
n41	ant2	30	90	528996	245@0	CP_QAM256	87.580	92.270	PASS
n41	ant1	30	100	509202	273@0	CP_QPSK	97.720	102.740	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	97.680	102.750	PASS
n41	ant1	30	100	509202	273@0	CP_QAM16	97.710	102.750	PASS
n41	ant2	30	100	509202	273@0	CP_QAM16	97.690	102.750	PASS
n41	ant1	30	100	509202	273@0	CP_QAM64	97.720	102.740	PASS
n41	ant2	30	100	509202	273@0	CP_QAM64	97.670	102.760	PASS
n41	ant1	30	100	509202	273@0	CP_QAM256	97.730	102.720	PASS
n41	ant2	30	100	509202	273@0	CP_QAM256	97.720	102.890	PASS
n41	ant1	30	100	518598	273@0	CP_QPSK	97.710	102.830	PASS
n41	ant2	30	100	518598	273@0	CP_QPSK	98.140	102.880	PASS
n41	ant1	30	100	518598	273@0	CP_QAM16	97.710	102.810	PASS
n41	ant2	30	100	518598	273@0	CP_QAM16	98.140	102.880	PASS
n41	ant1	30	100	518598	273@0	CP_QAM64	97.710	102.810	PASS
n41	ant2	30	100	518598	273@0	CP_QAM64	98.120	102.860	PASS
n41	ant1	30	100	518598	273@0	CP_QAM256	97.720	102.810	PASS
n41	ant2	30	100	518598	273@0	CP_QAM256	98.160	102.970	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	97.780	102.800	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	97.660	102.740	PASS

n41	ant1	30	100	528000	273@0	CP_QAM16	97.790	102.800	PASS
n41	ant2	30	100	528000	273@0	CP_QAM16	97.670	102.740	PASS
n41	ant1	30	100	528000	273@0	CP_QAM64	97.790	102.840	PASS
n41	ant2	30	100	528000	273@0	CP_QAM64	97.650	102.750	PASS
n41	ant1	30	100	528000	273@0	CP_QAM256	97.790	102.800	PASS
n41	ant2	30	100	528000	273@0	CP_QAM256	97.700	102.870	PASS

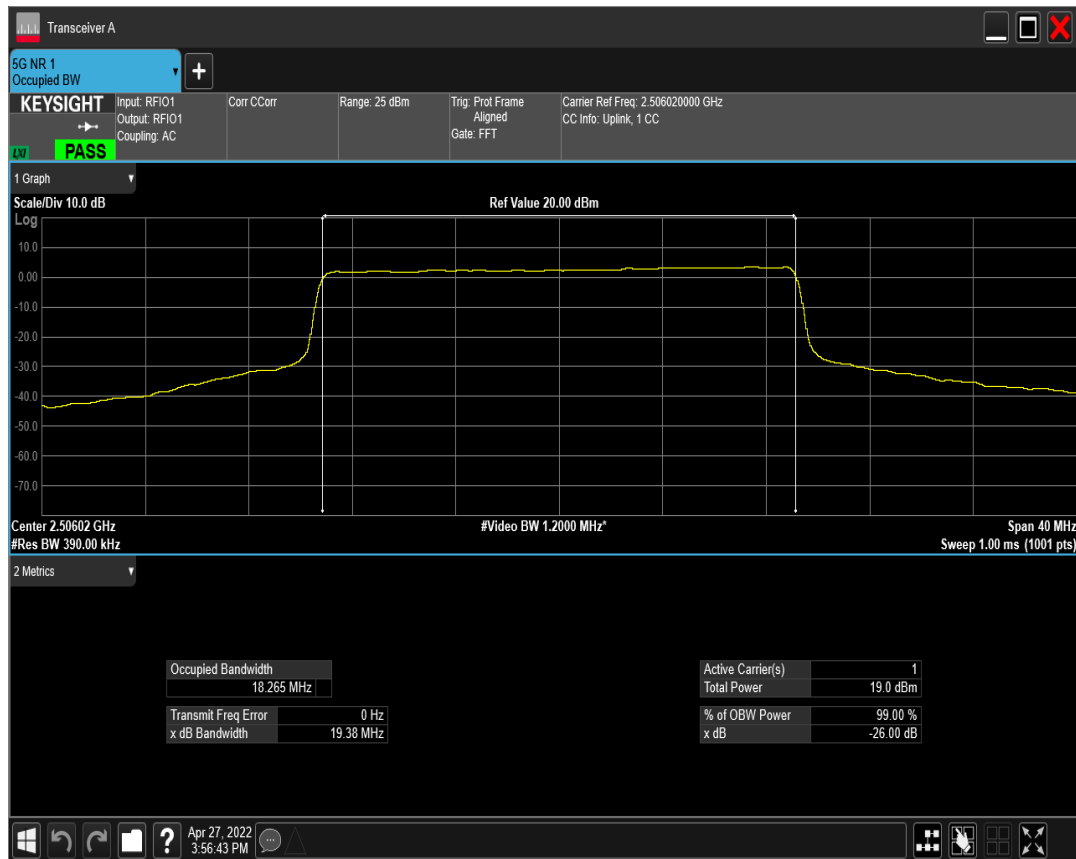
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant1



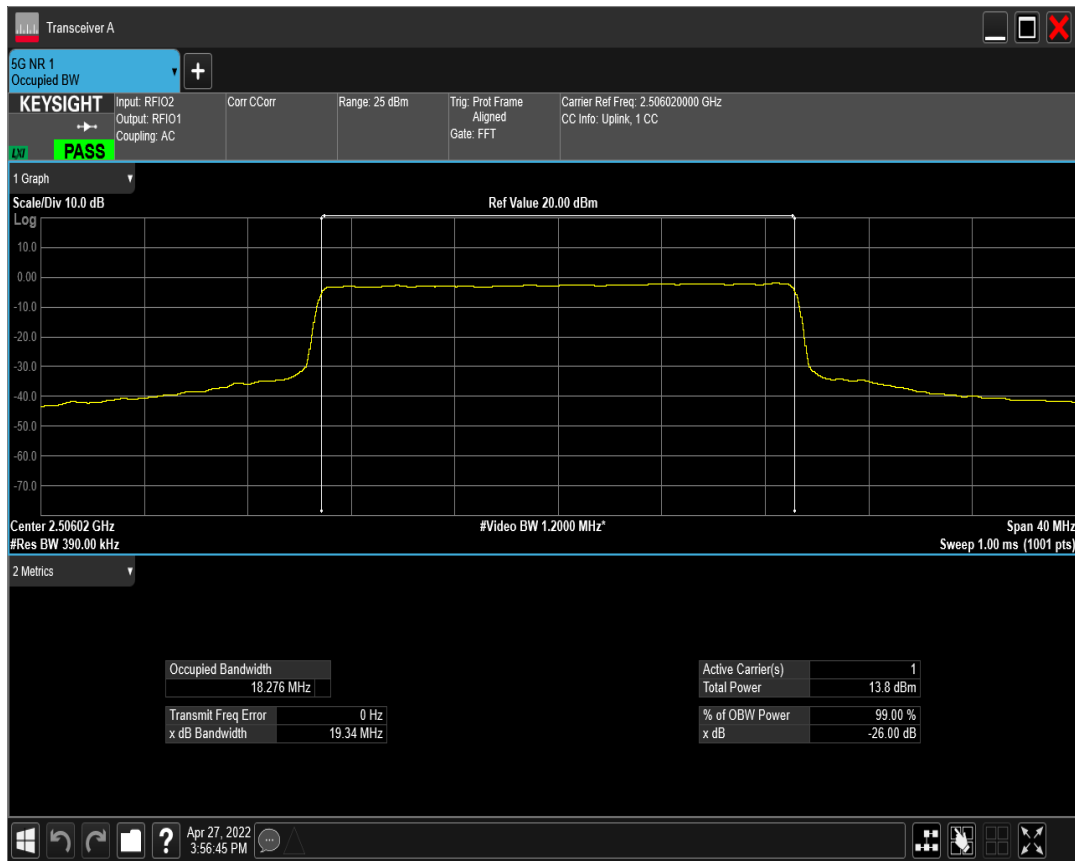
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant2



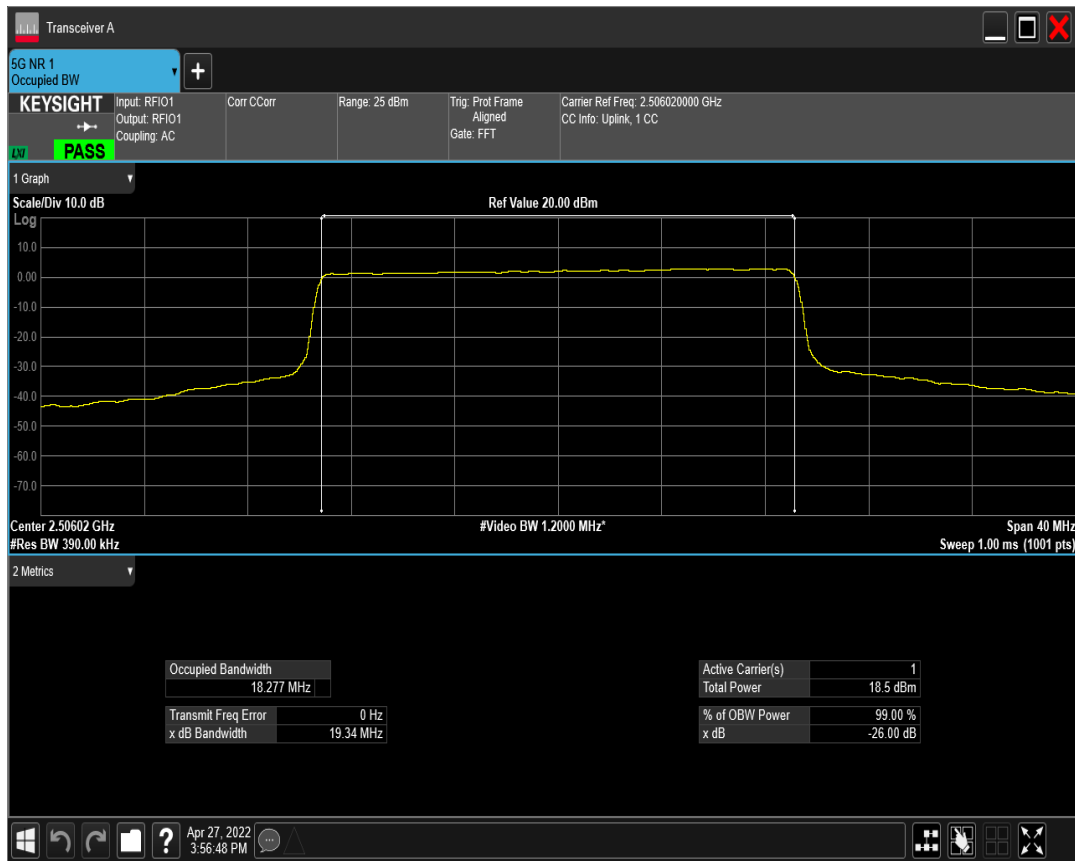
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=501204 RB=51@0 ant1



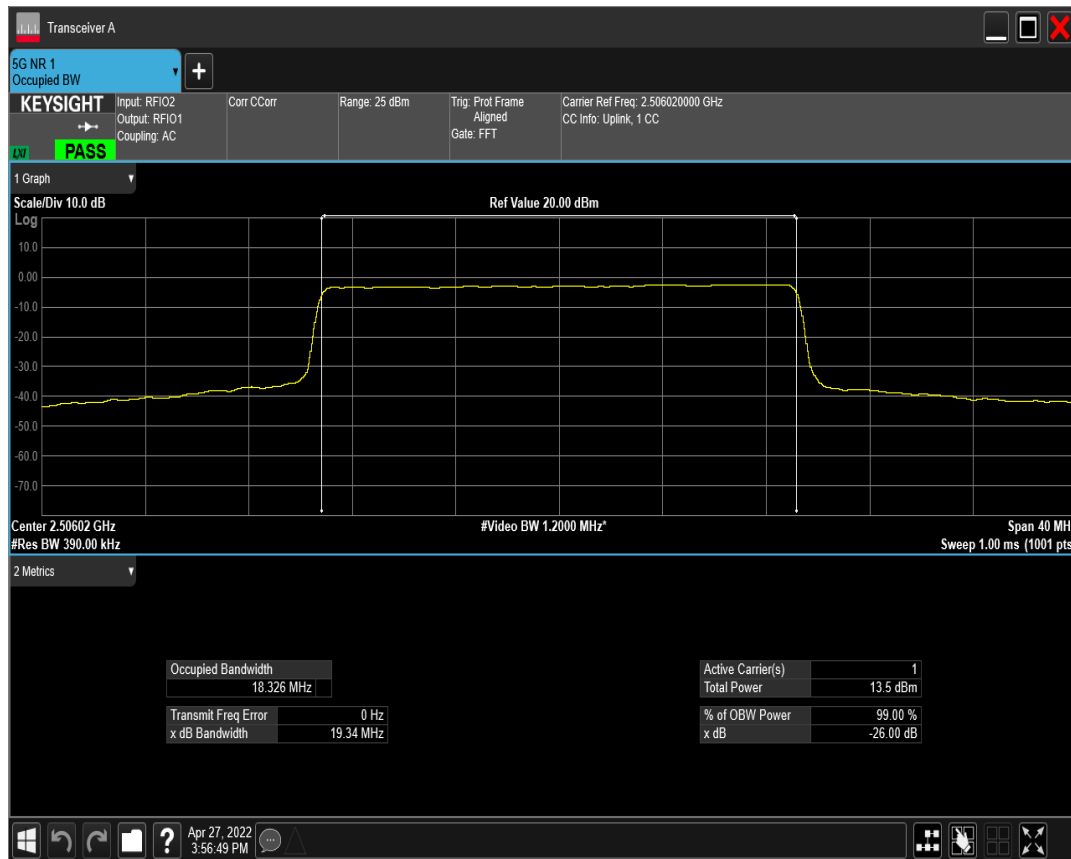
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=501204 RB=51@0 ant2



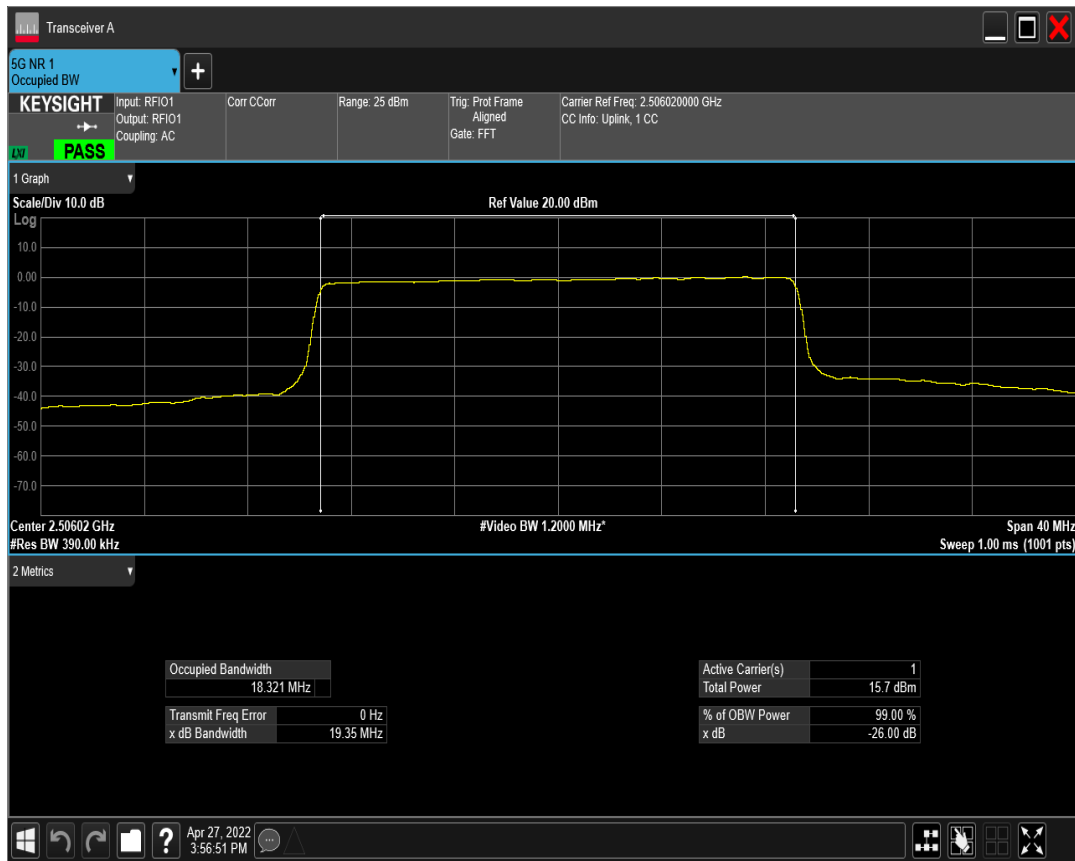
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=501204 RB=51@0 ant1



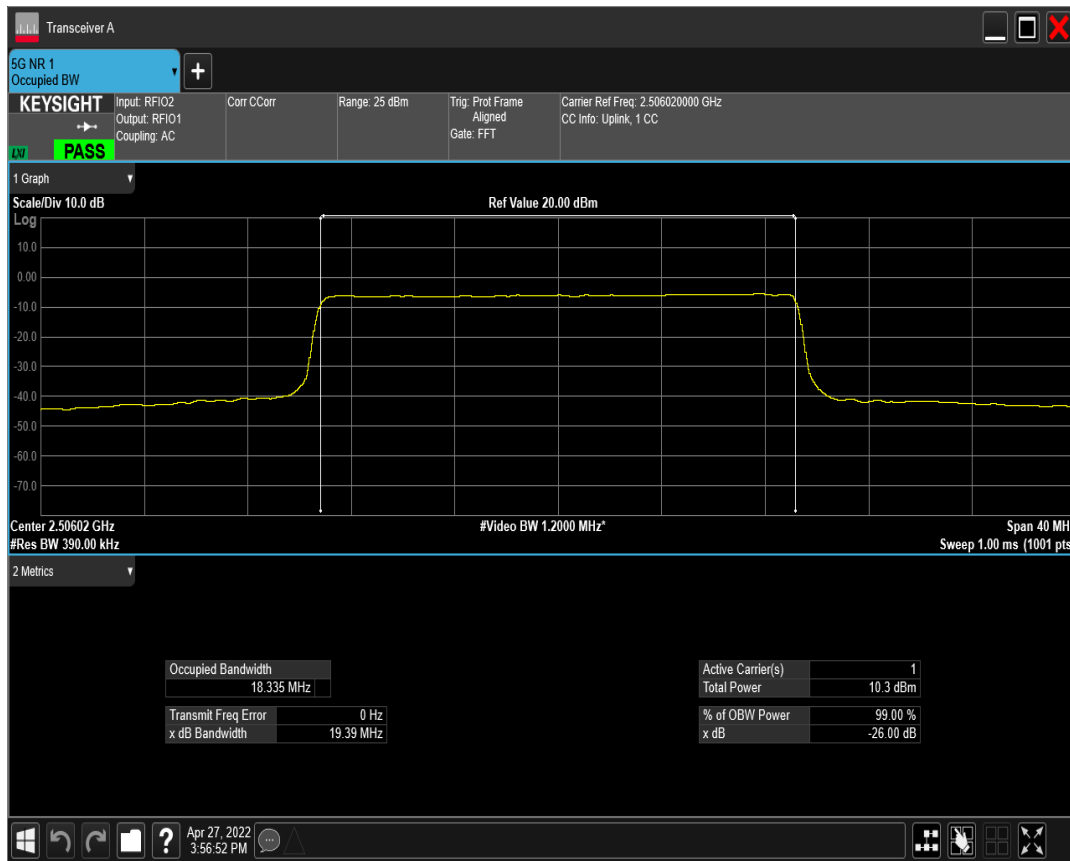
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=501204 RB=51@0 ant2



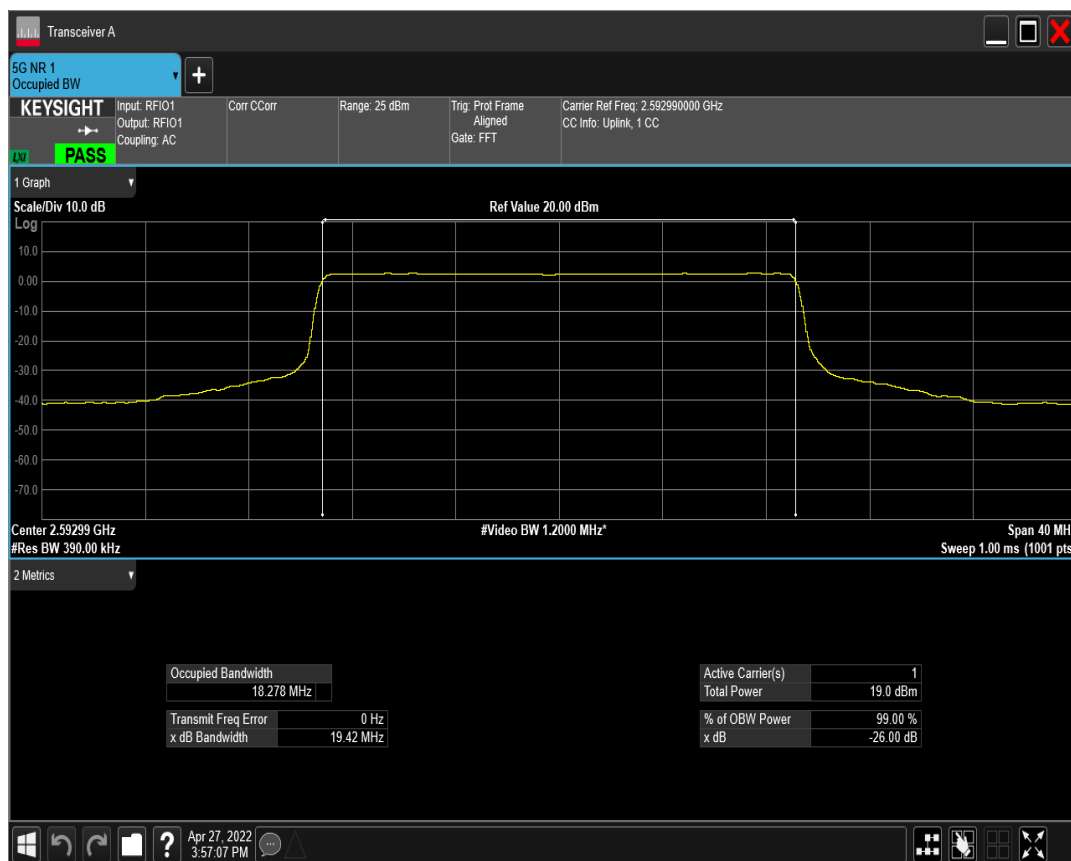
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=501204 RB=51@0 ant1



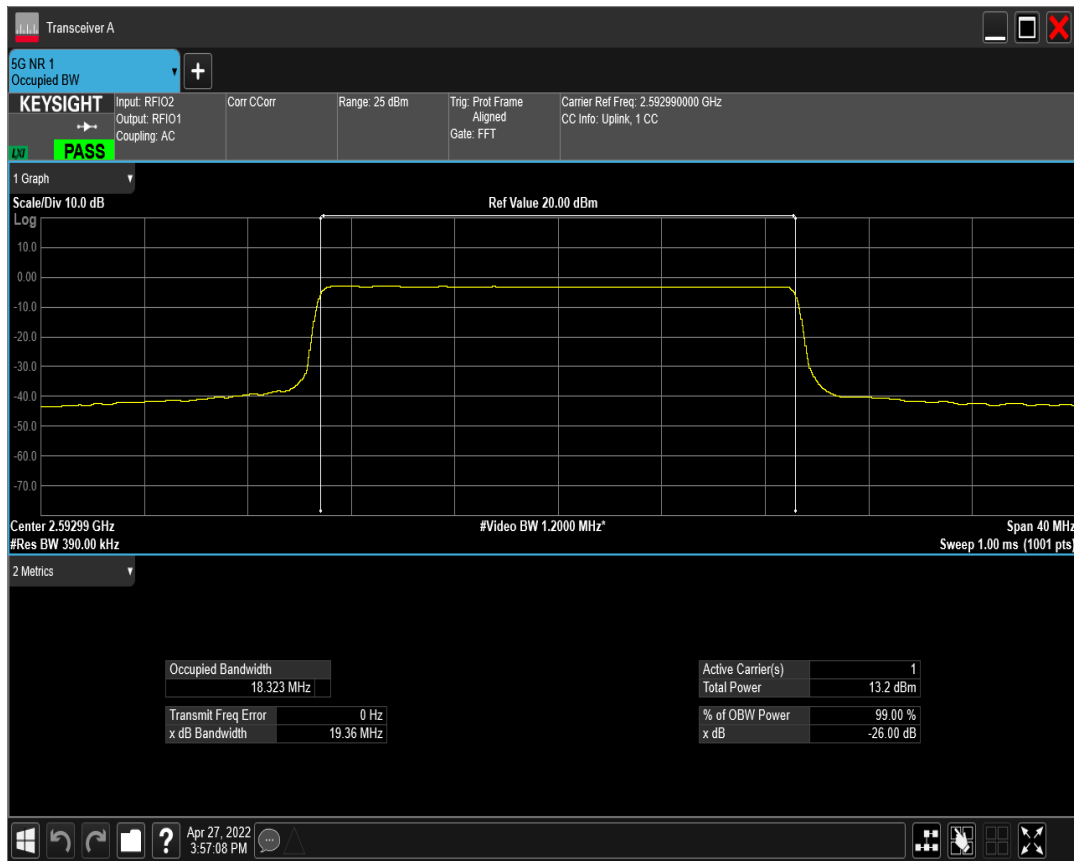
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=501204 RB=51@0 ant2



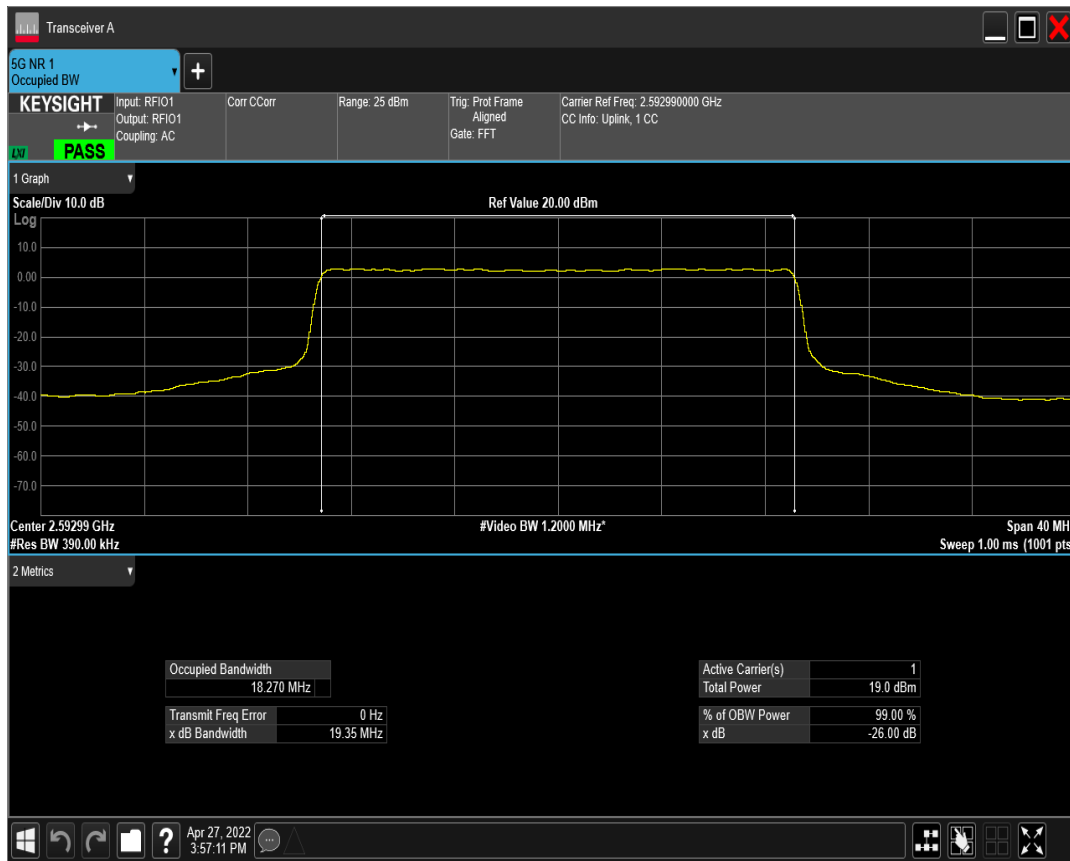
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant1



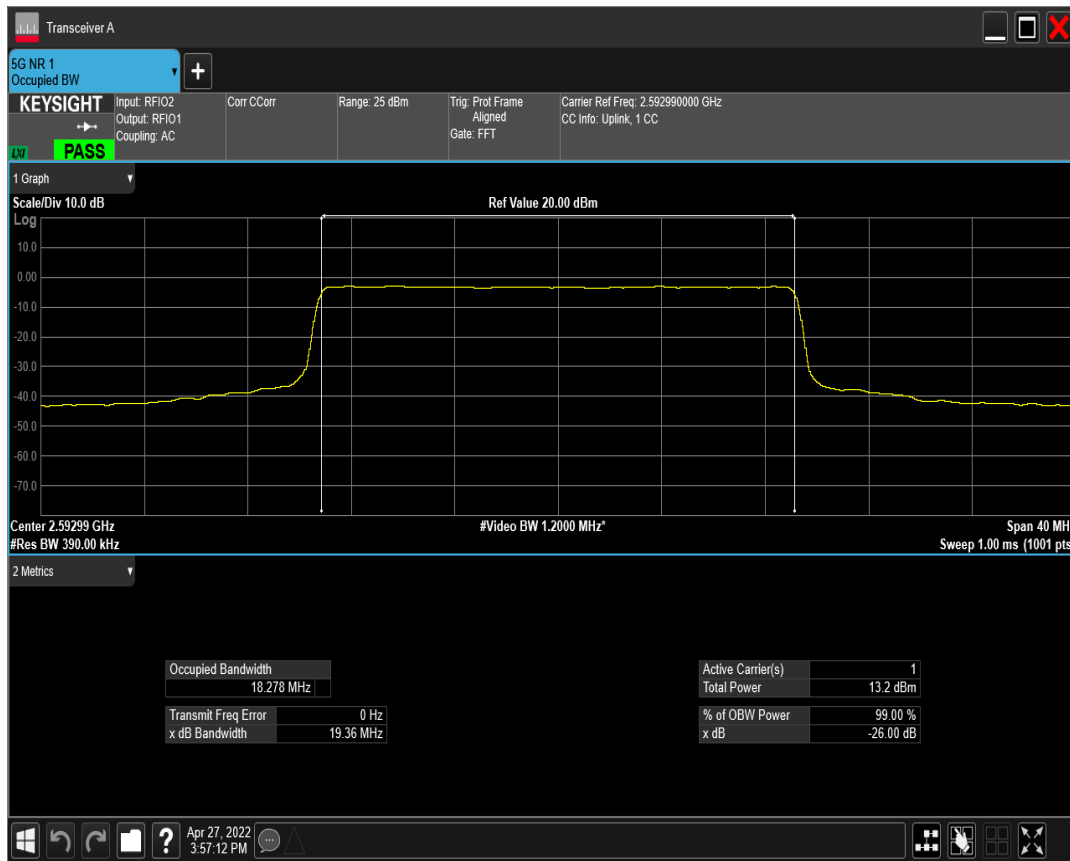
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant2



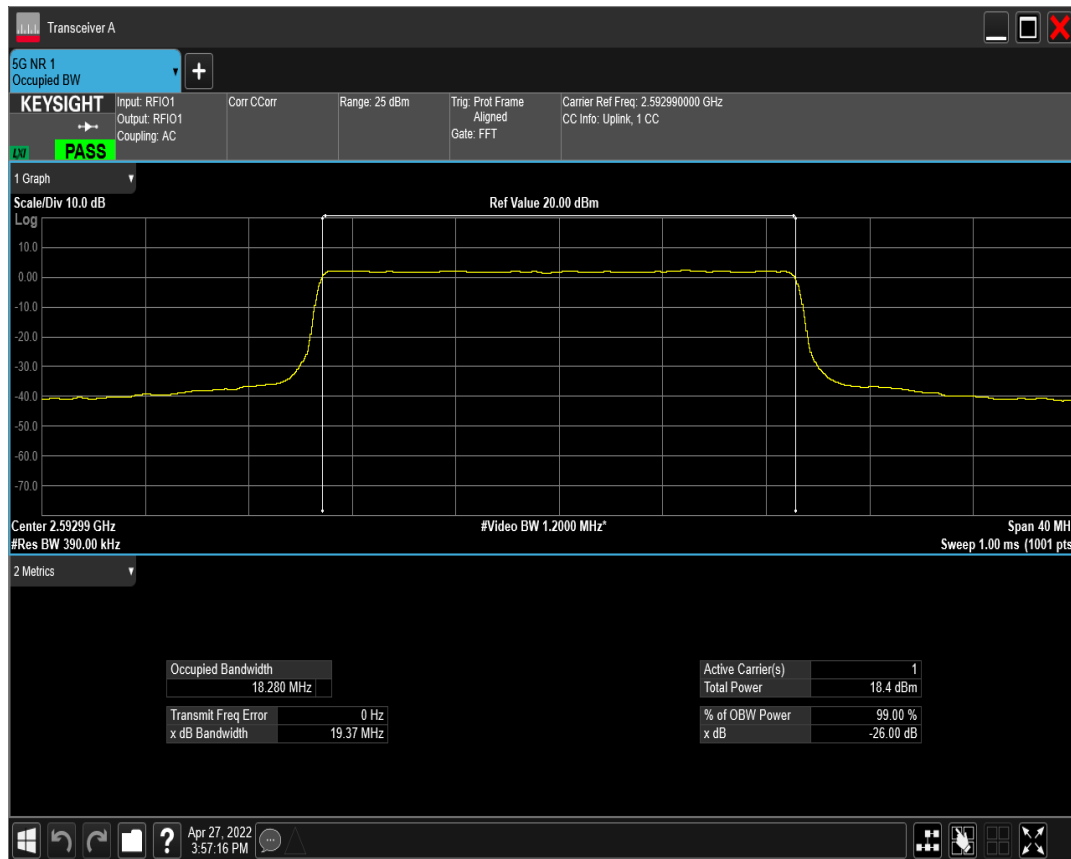
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=518598 RB=51@0 ant1



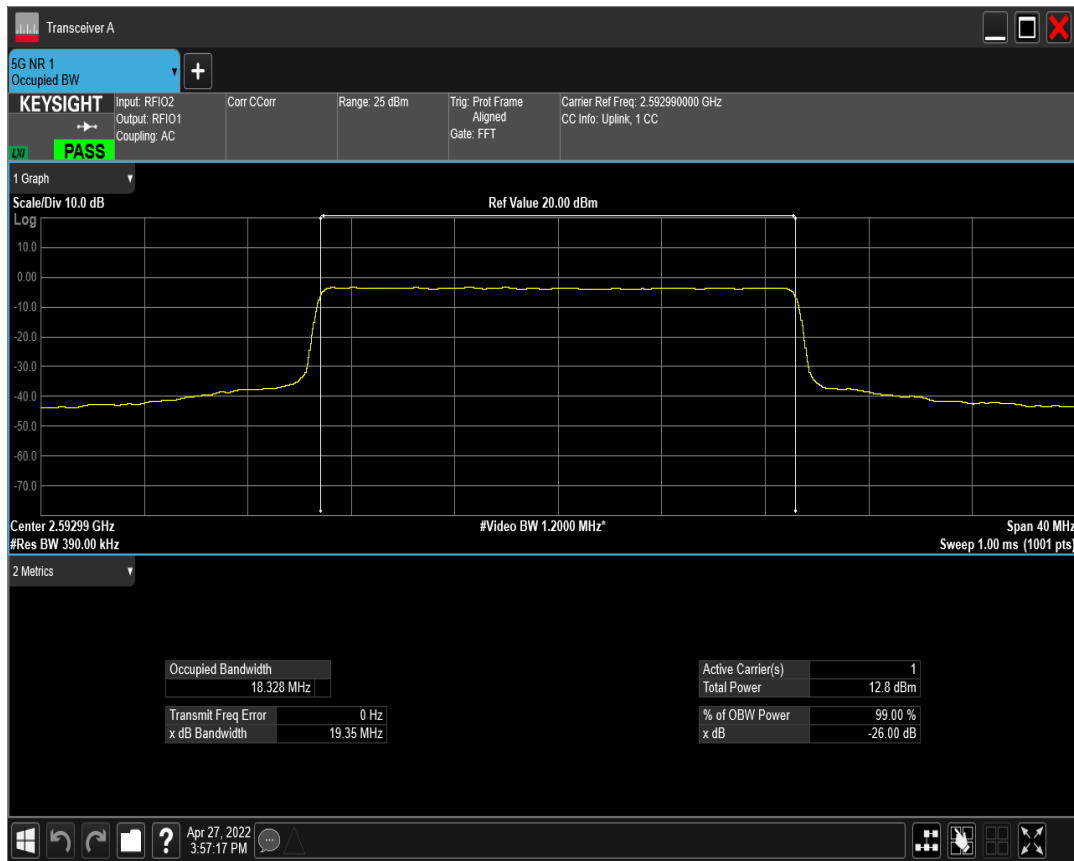
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=518598 RB=51@0 ant2



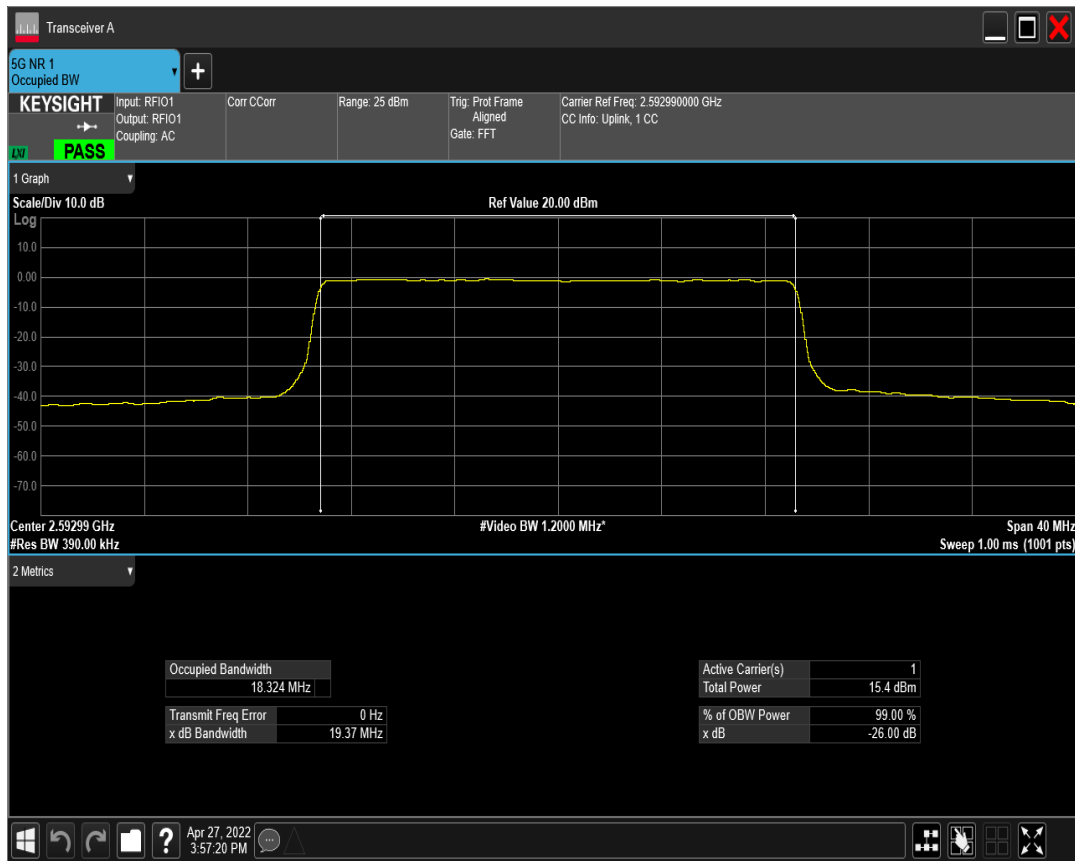
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=518598 RB=51@0 ant1



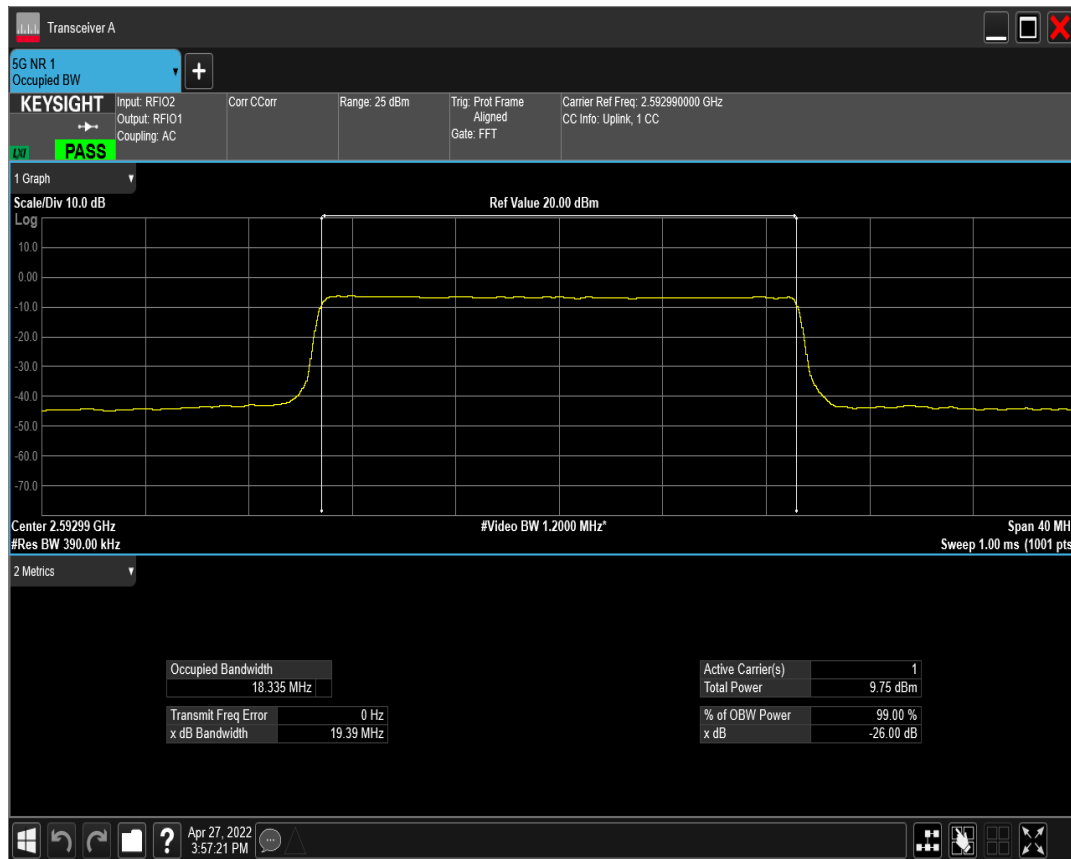
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=518598 RB=51@0 ant2



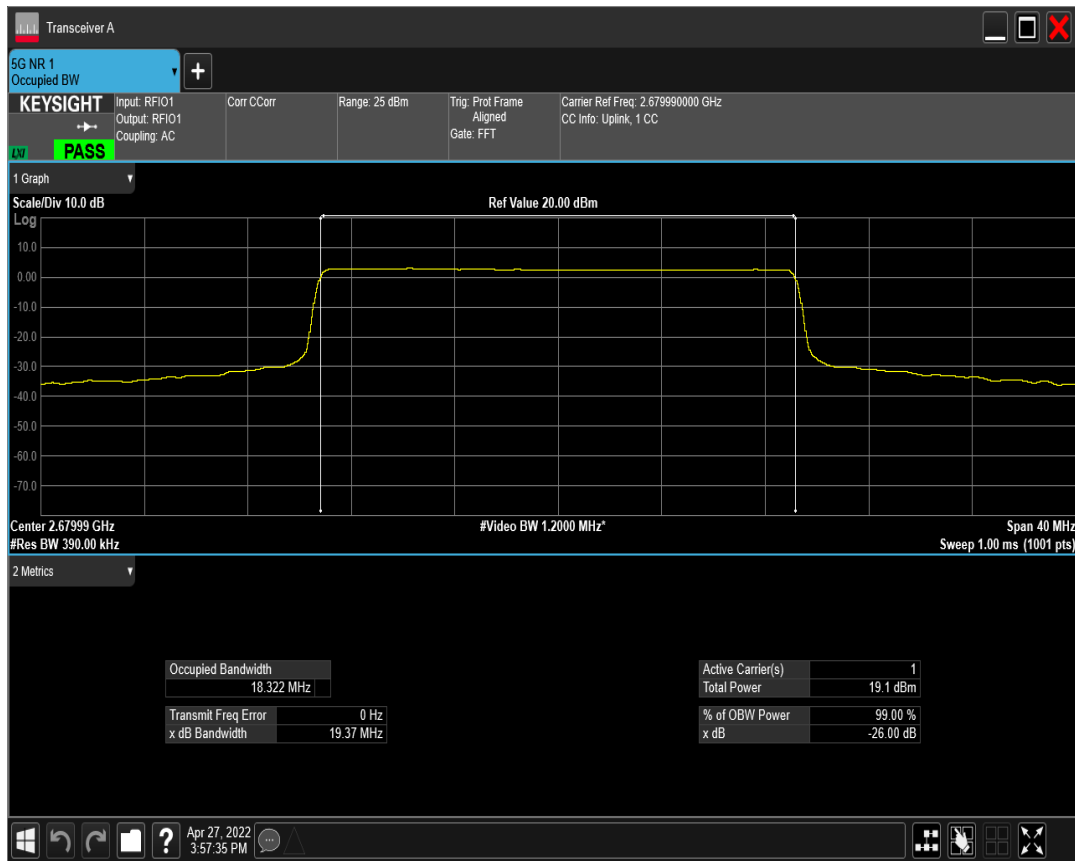
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=518598 RB=51@0 ant1



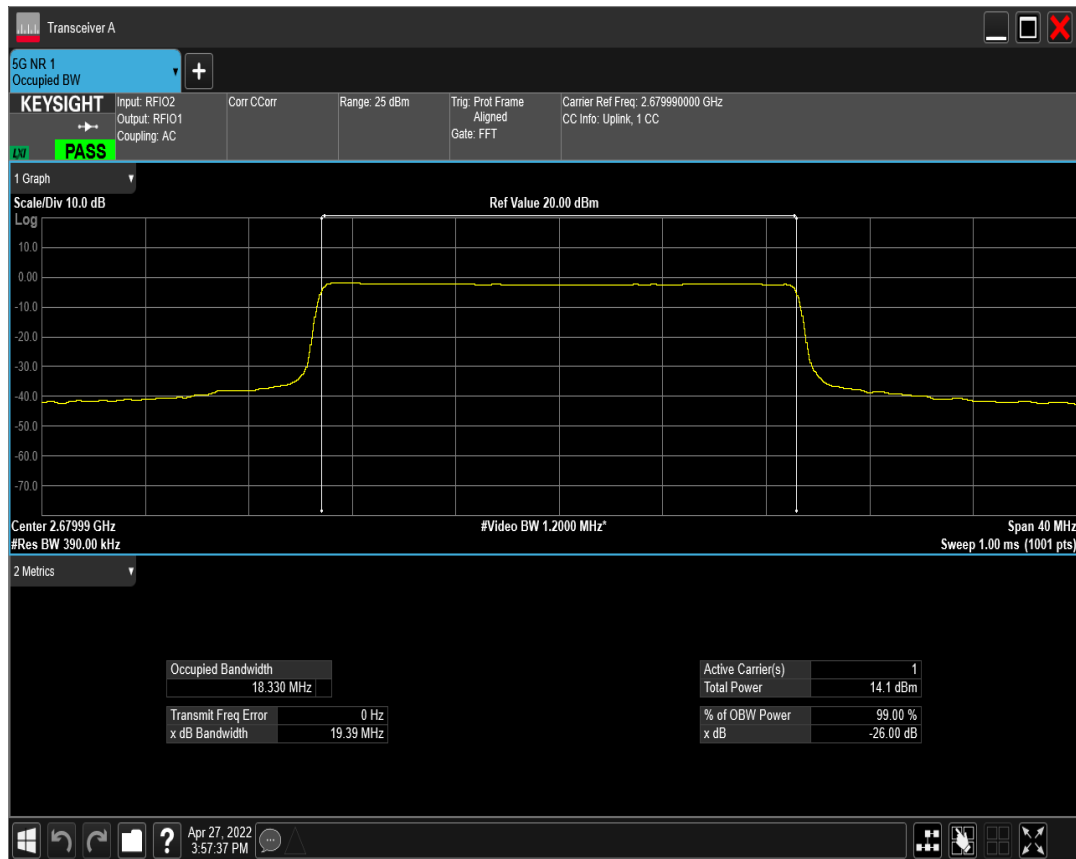
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=518598 RB=51@0 ant2



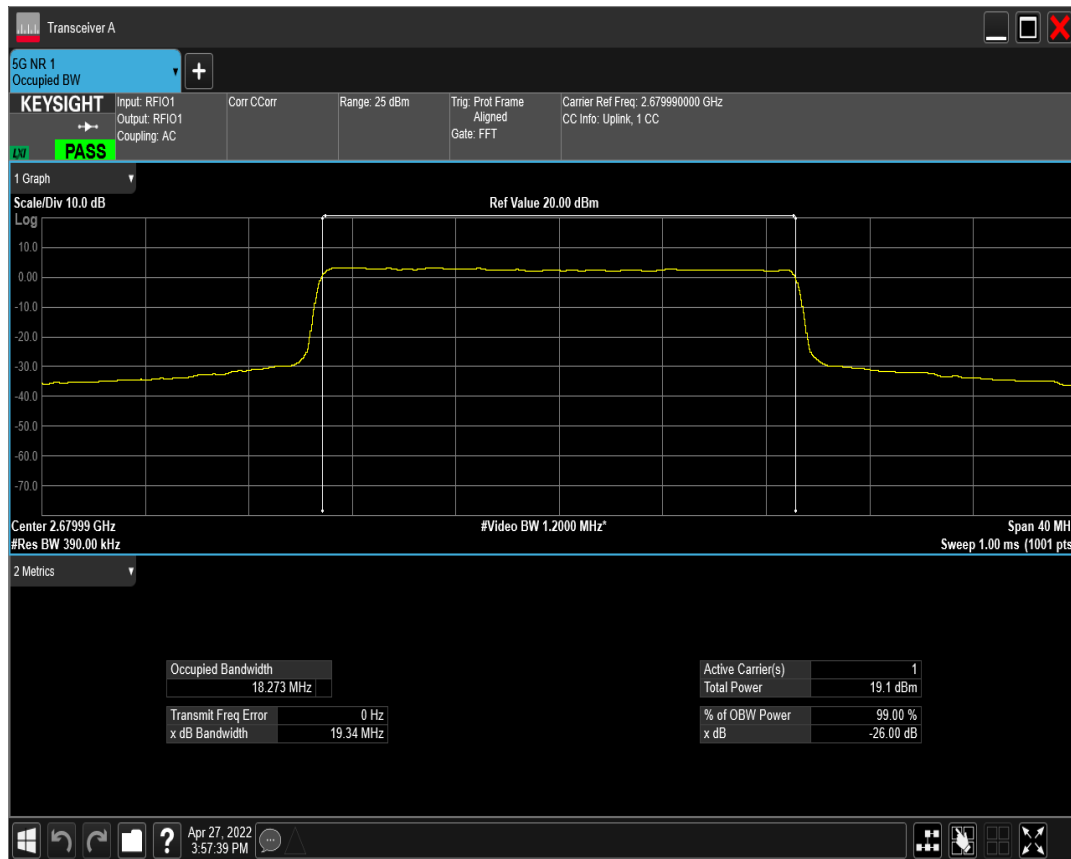
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant1



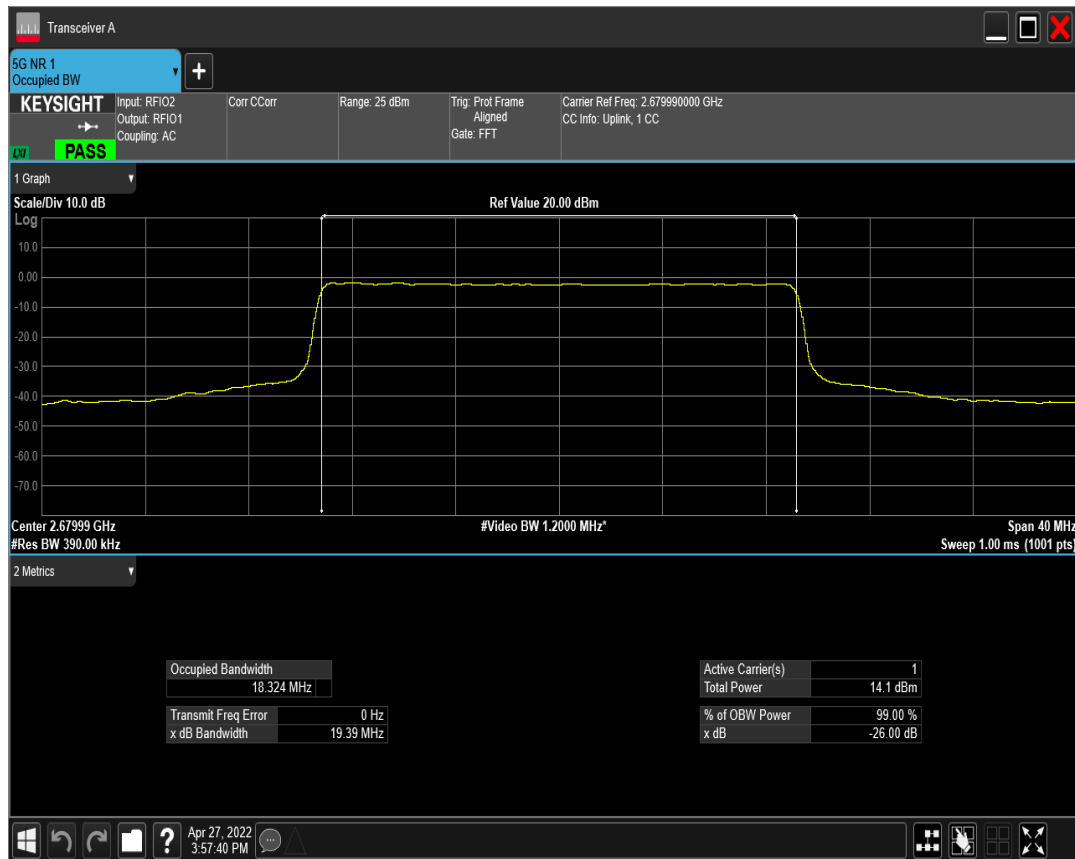
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant2



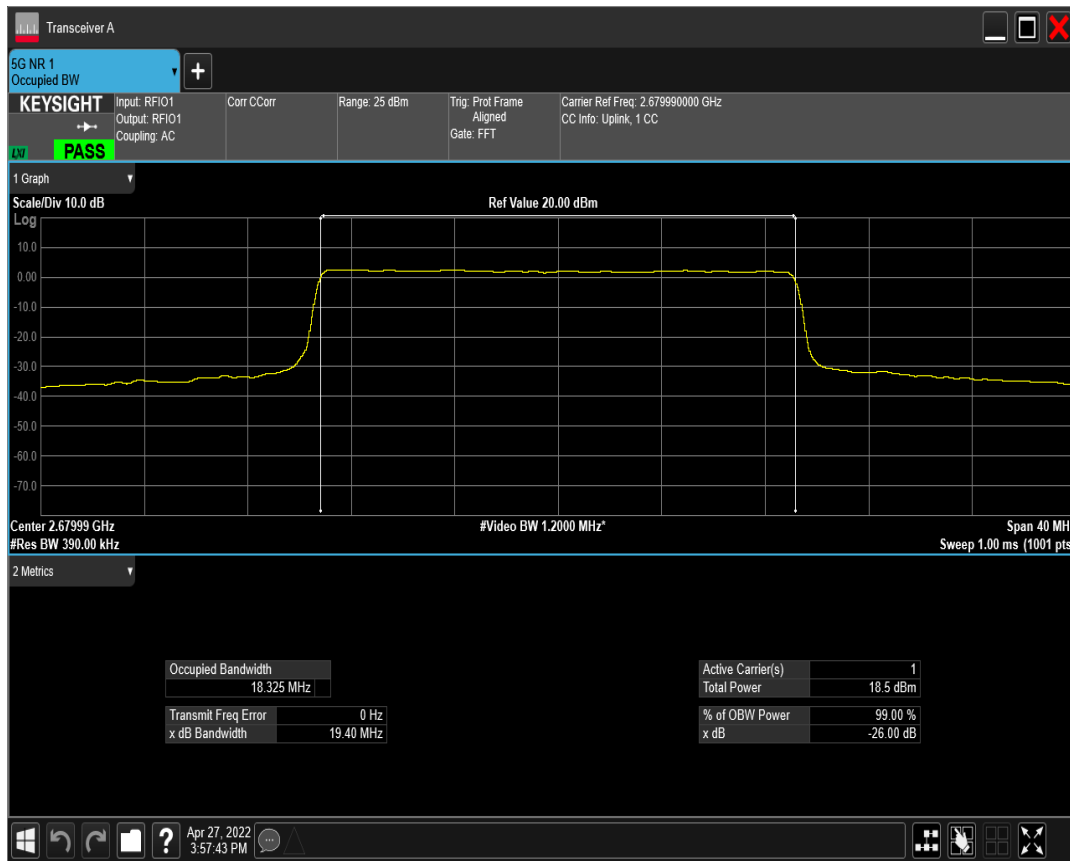
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=535998 RB=51@0 ant1



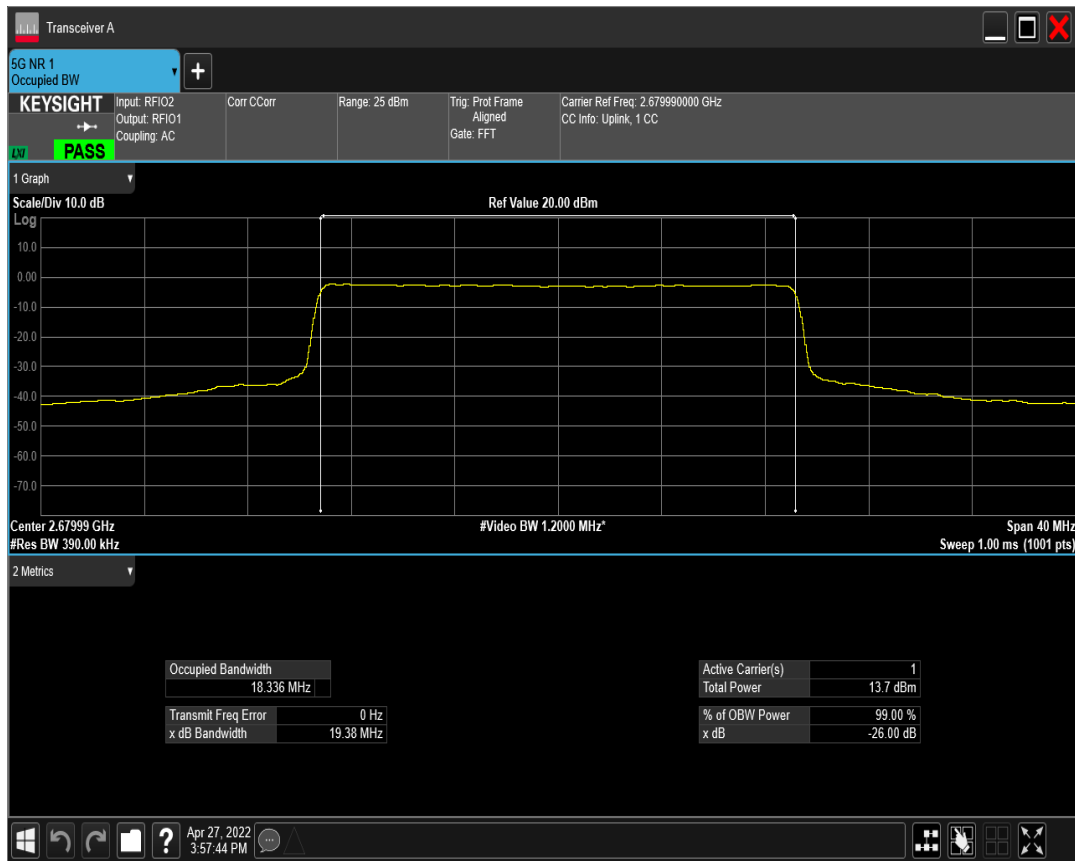
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=535998 RB=51@0 ant2



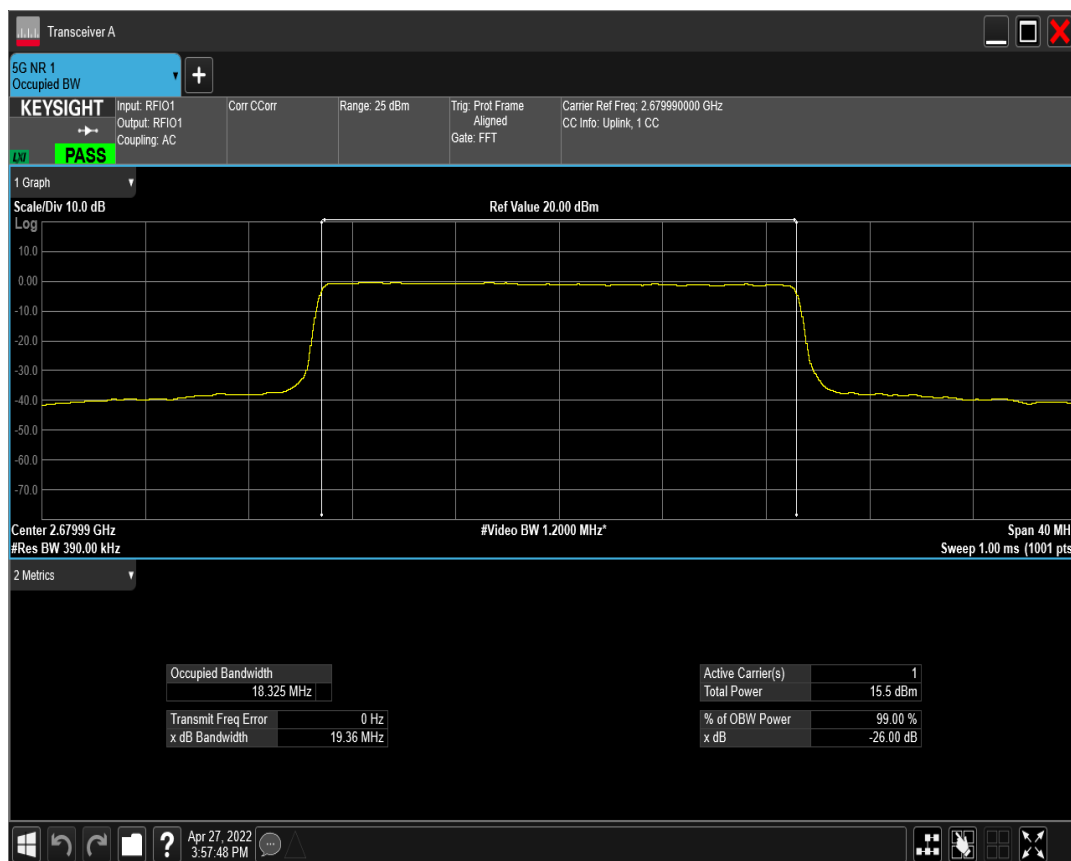
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=535998 RB=51@0 ant1



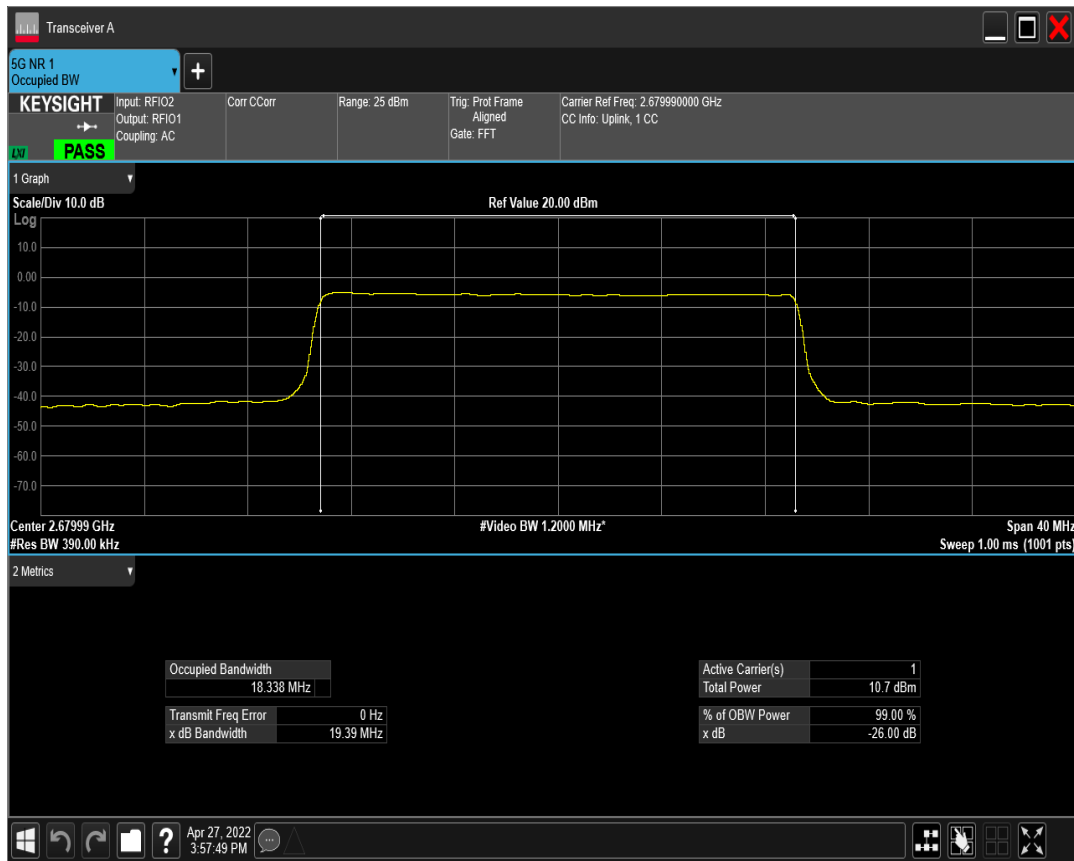
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=535998 RB=51@0 ant2



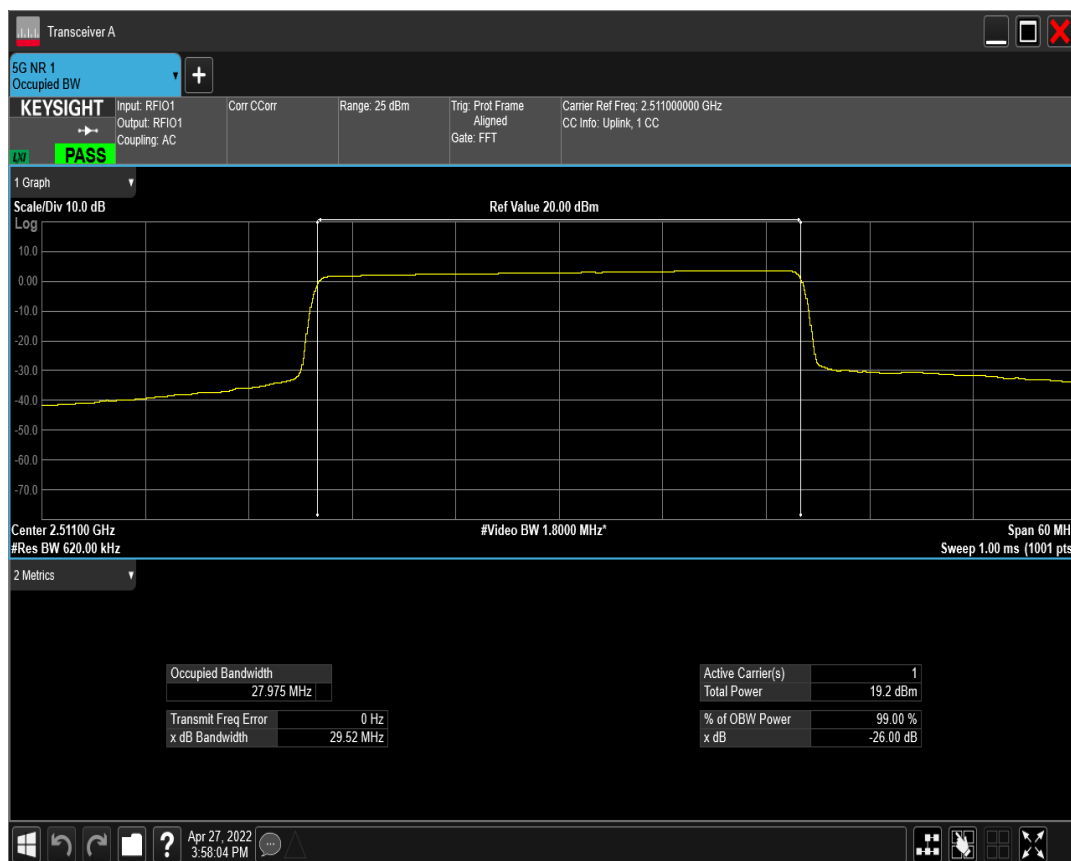
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=535998 RB=51@0 ant1



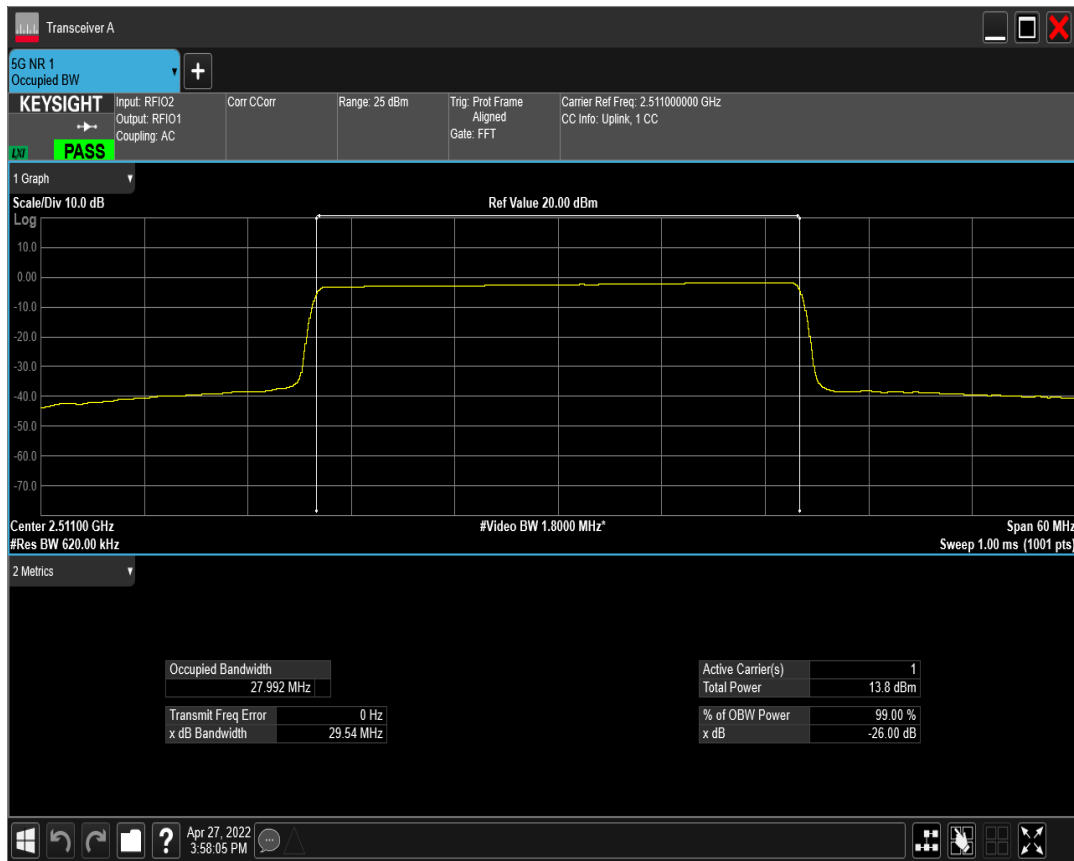
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=535998 RB=51@0 ant2



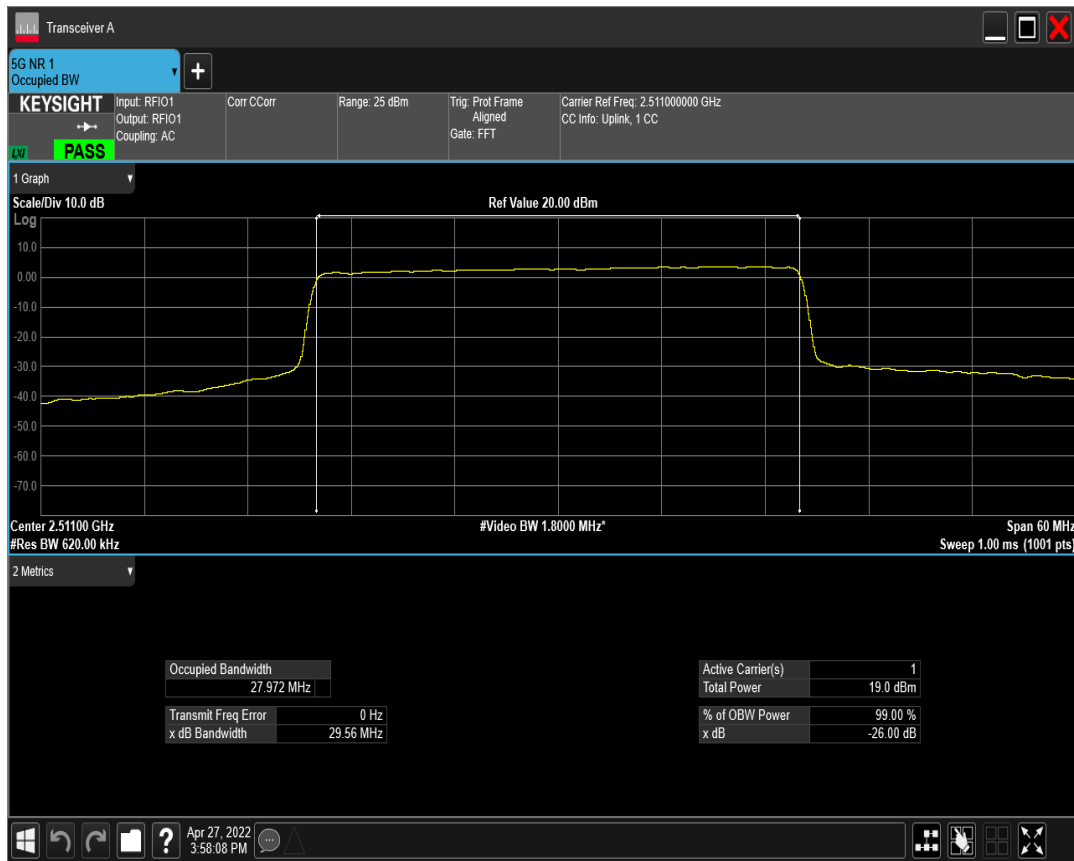
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=502200 RB=78@0 ant1



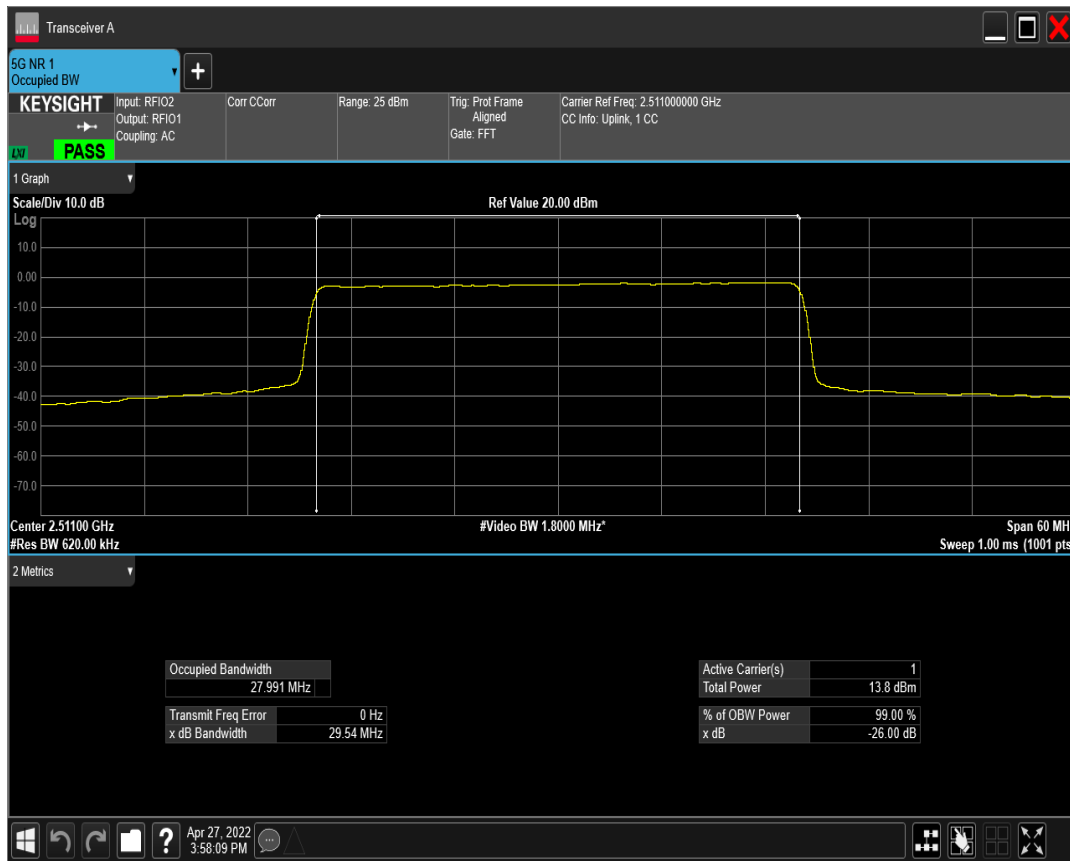
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=502200 RB=78@0 ant2



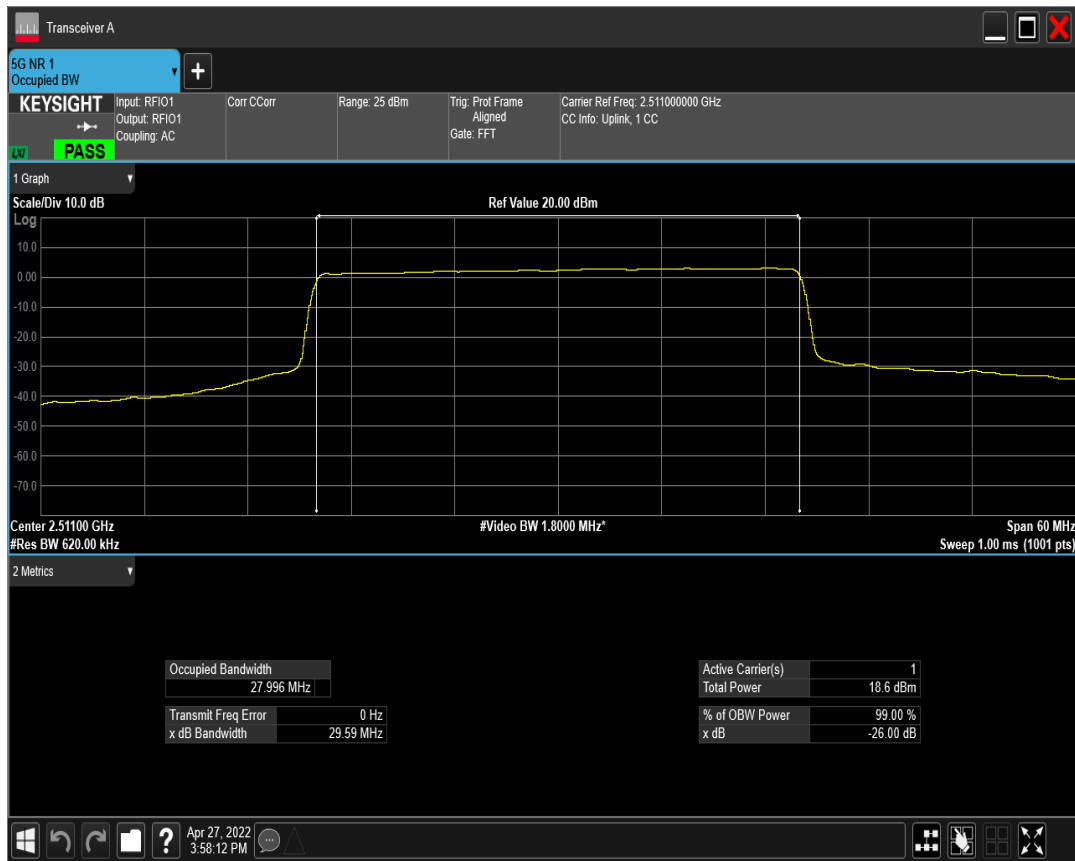
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=502200 RB=78@0 ant1



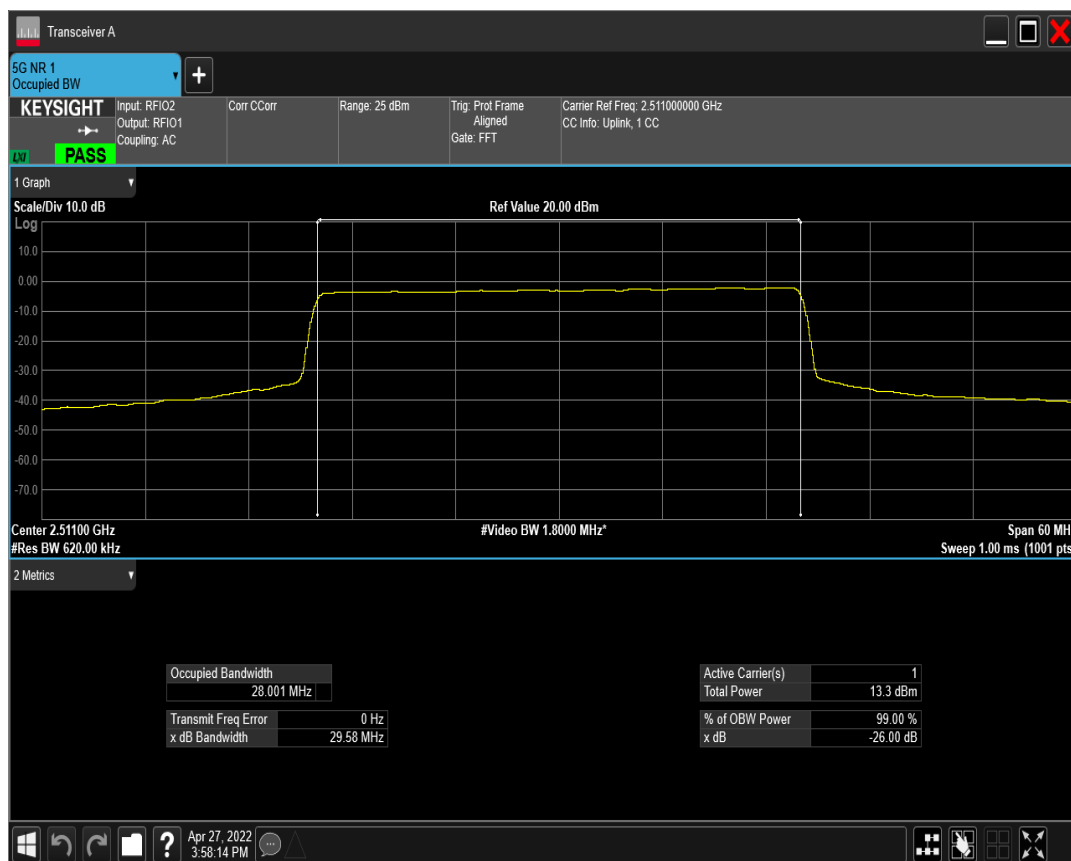
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=502200 RB=78@0 ant2



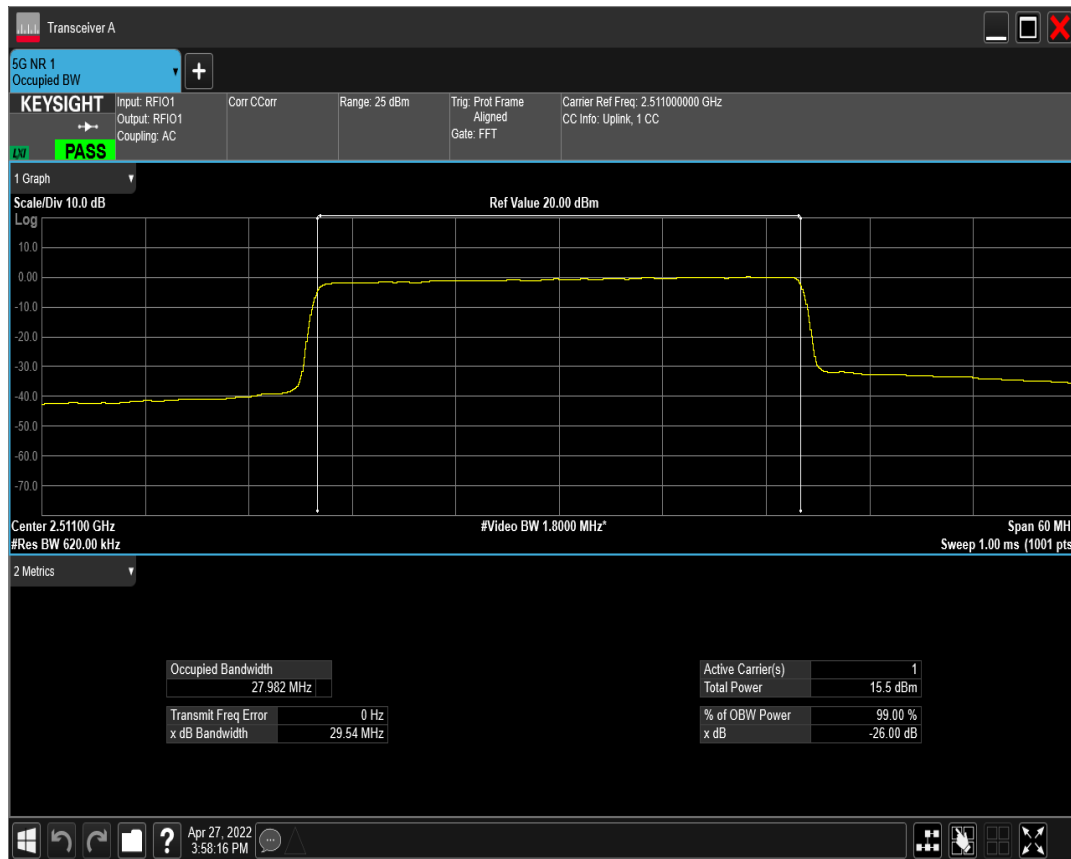
n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=502200 RB=78@0 ant1



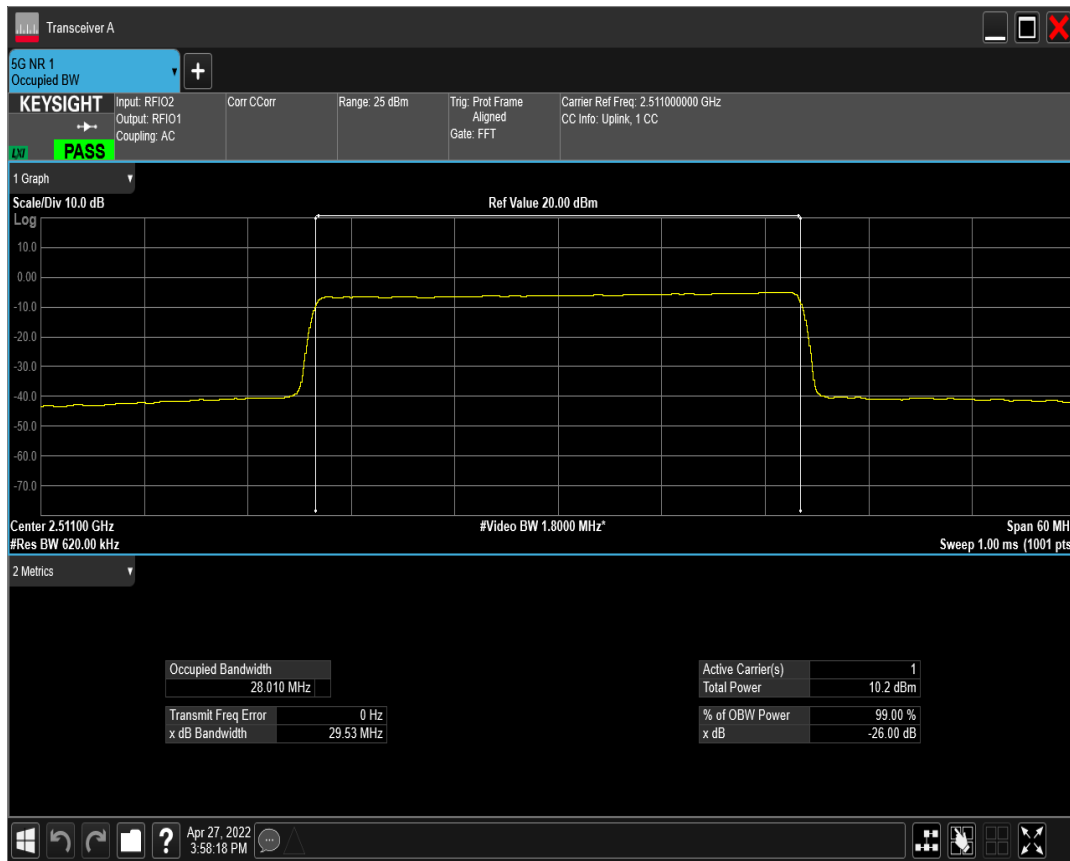
n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=502200 RB=78@0 ant2



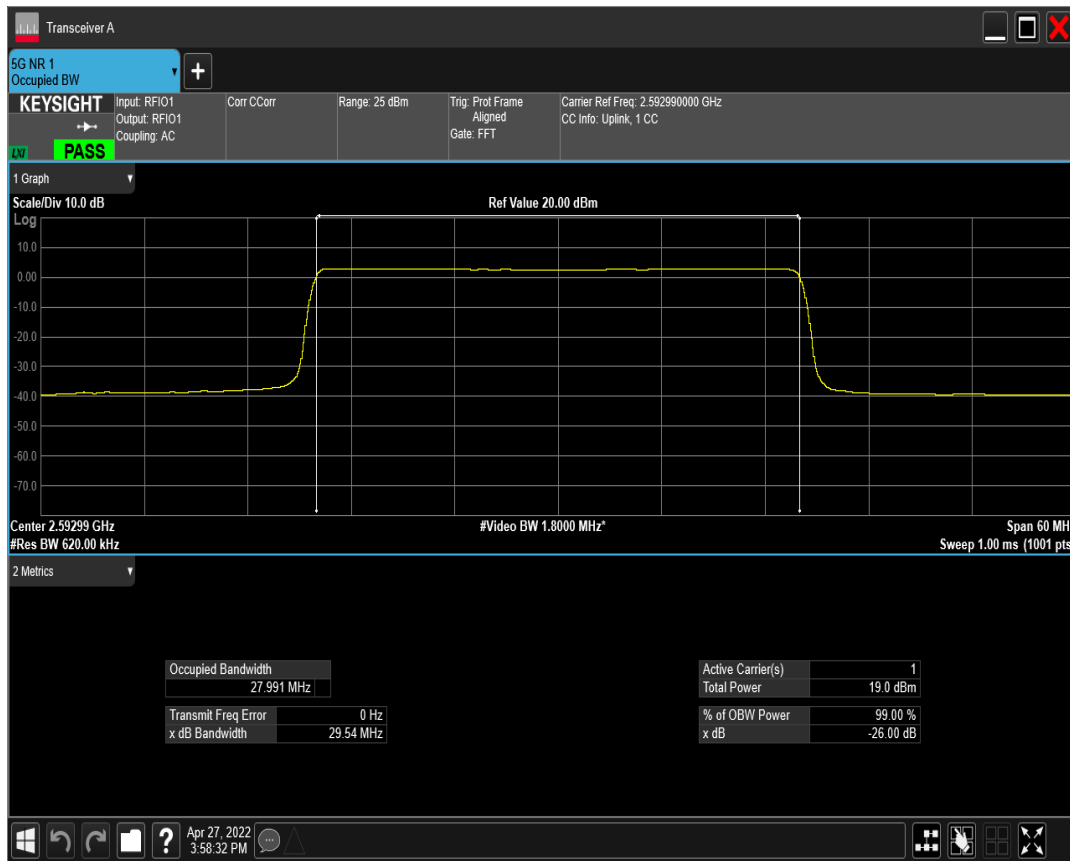
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=502200 RB=78@0 ant1



n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=502200 RB=78@0 ant2



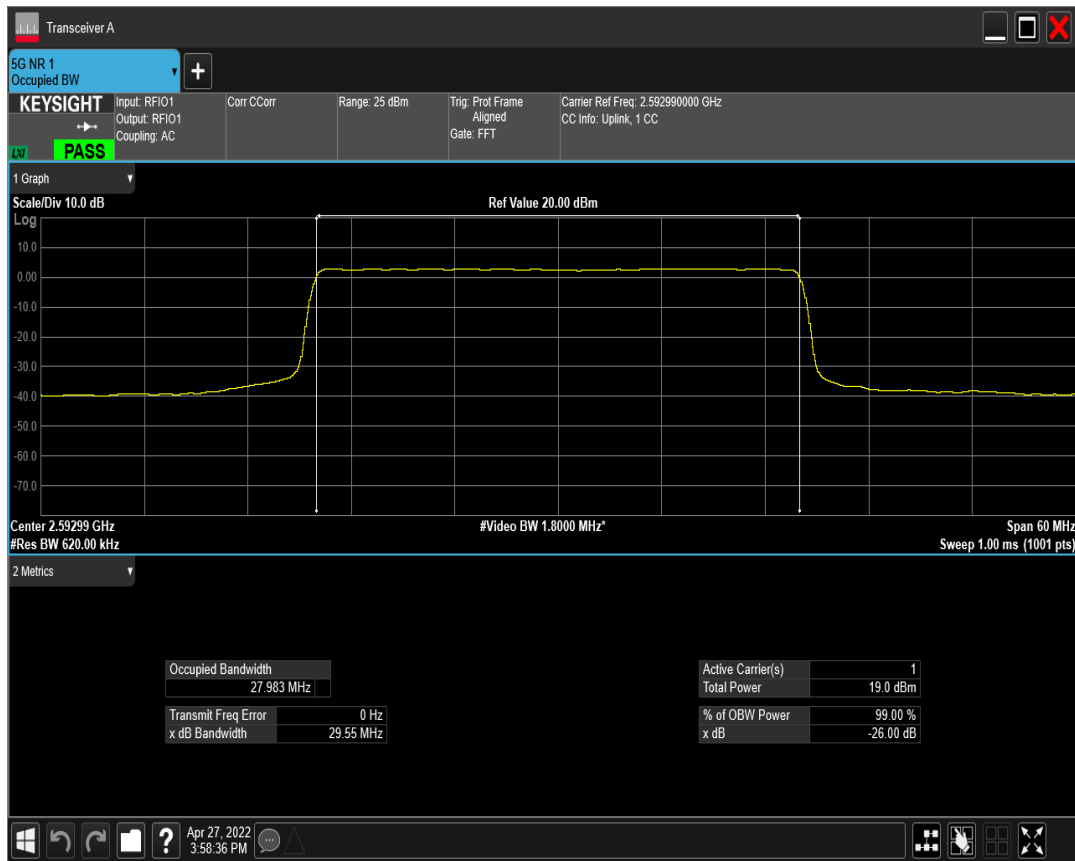
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=518598 RB=78@0 ant1



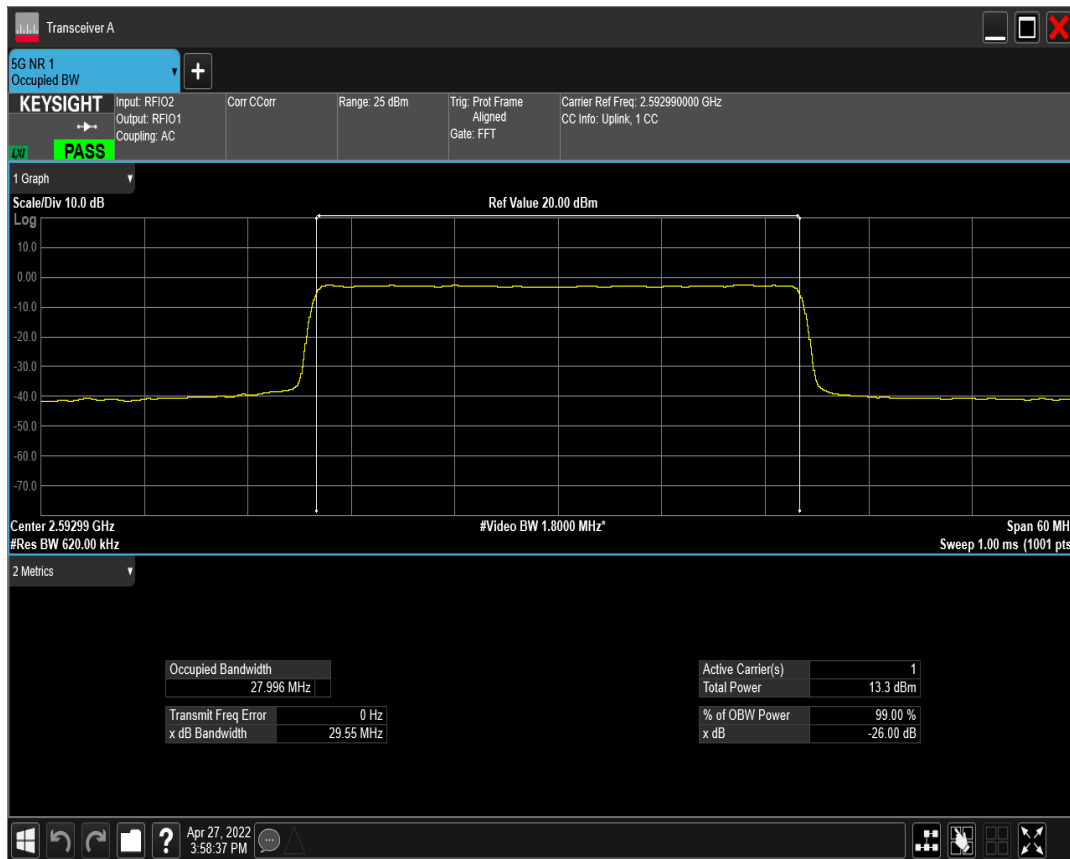
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=518598 RB=78@0 ant2



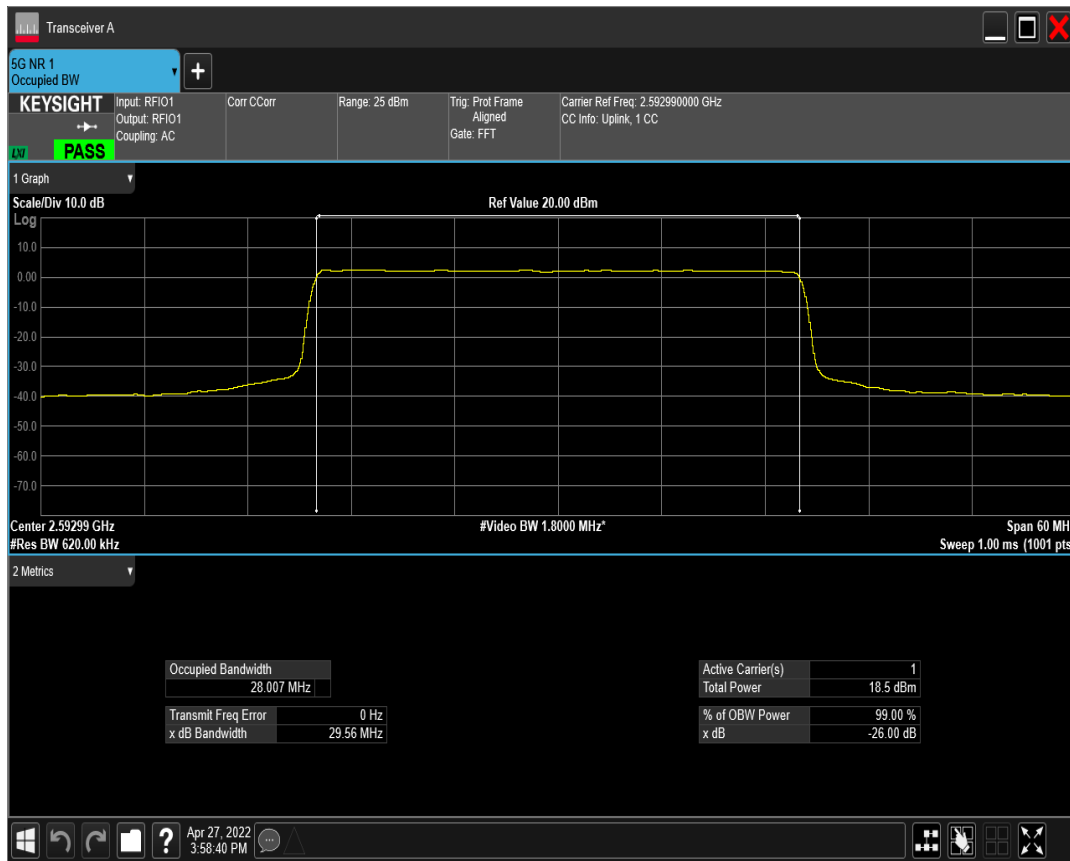
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=518598 RB=78@0 ant1



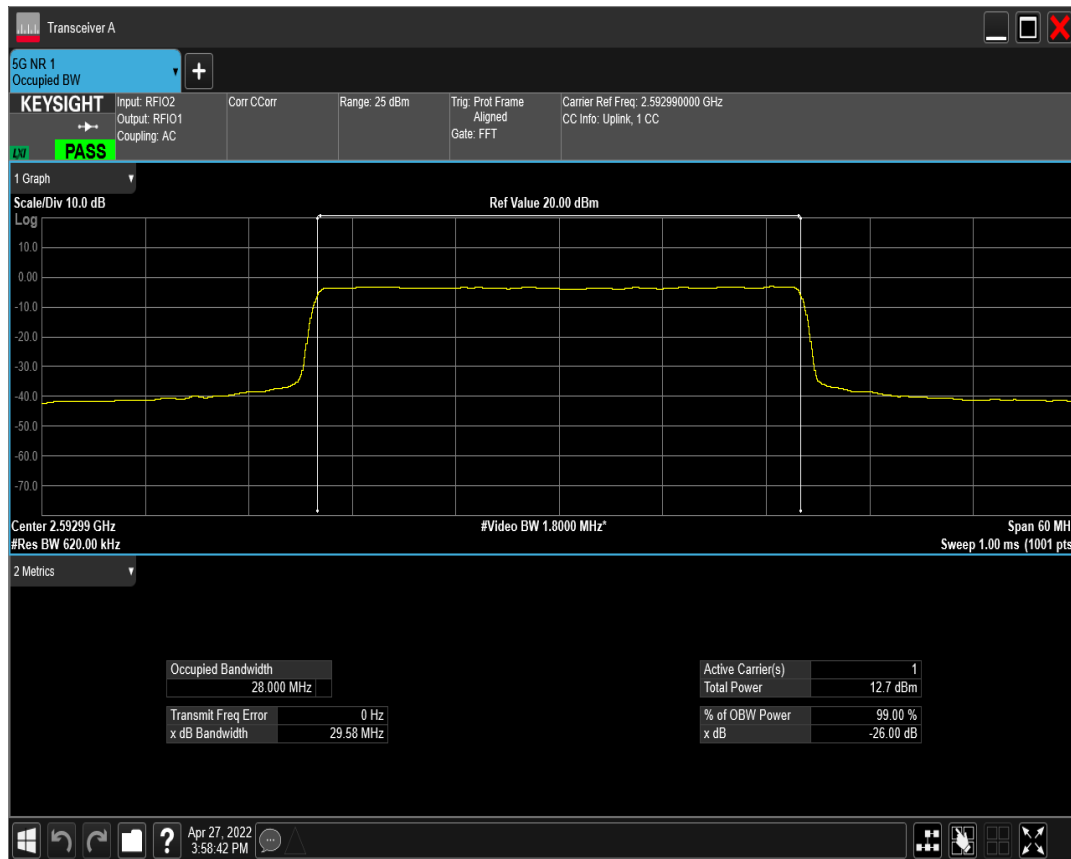
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=518598 RB=78@0 ant2



n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=518598 RB=78@0 ant1



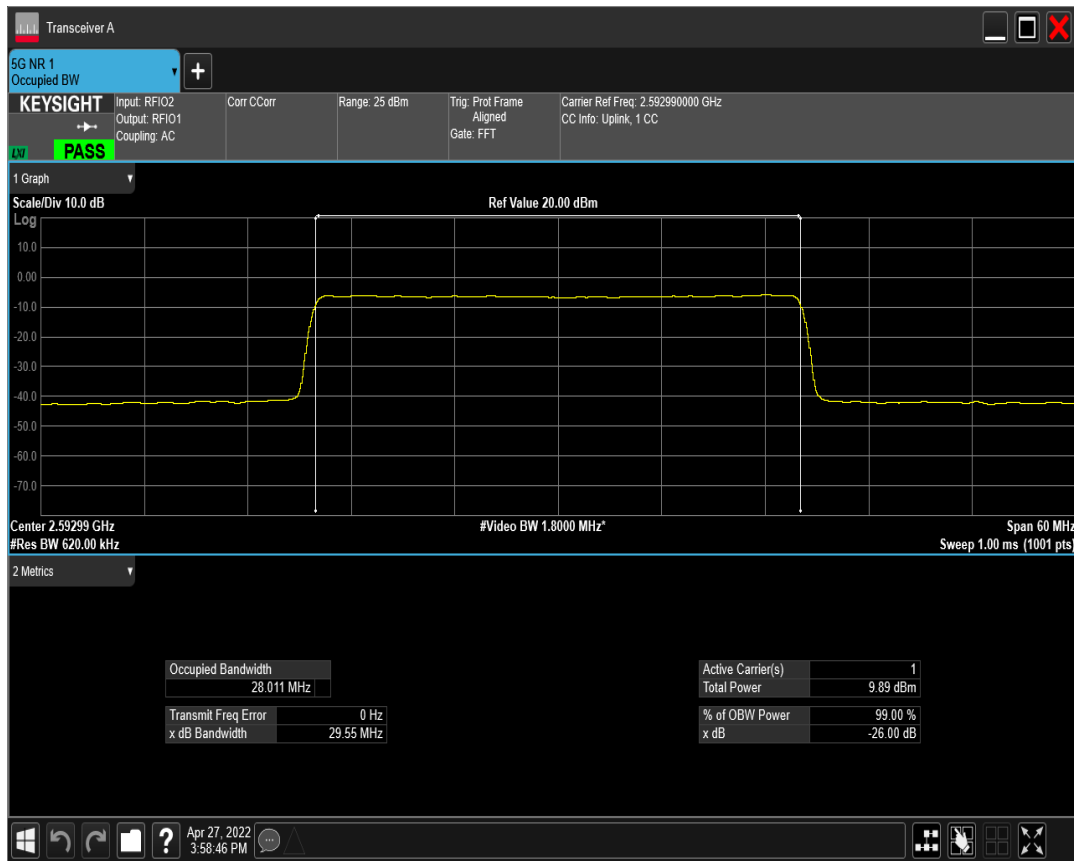
n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=518598 RB=78@0 ant2



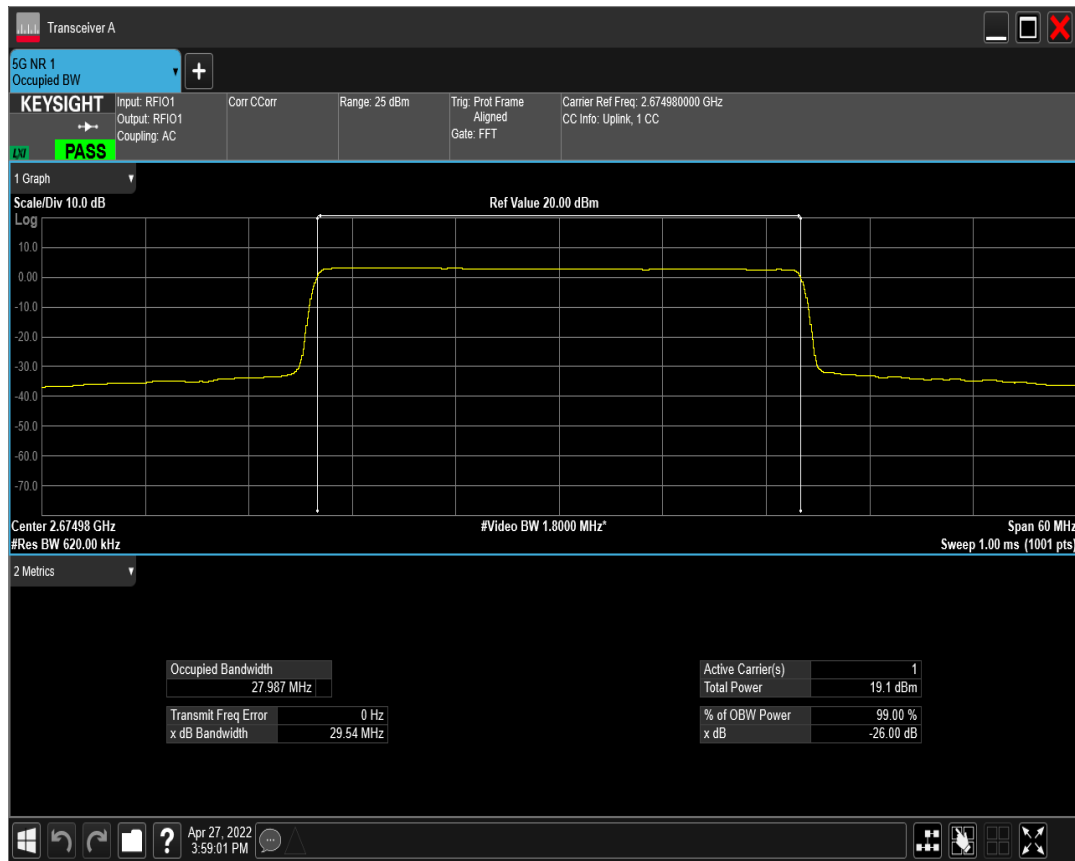
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=518598 RB=78@0 ant1



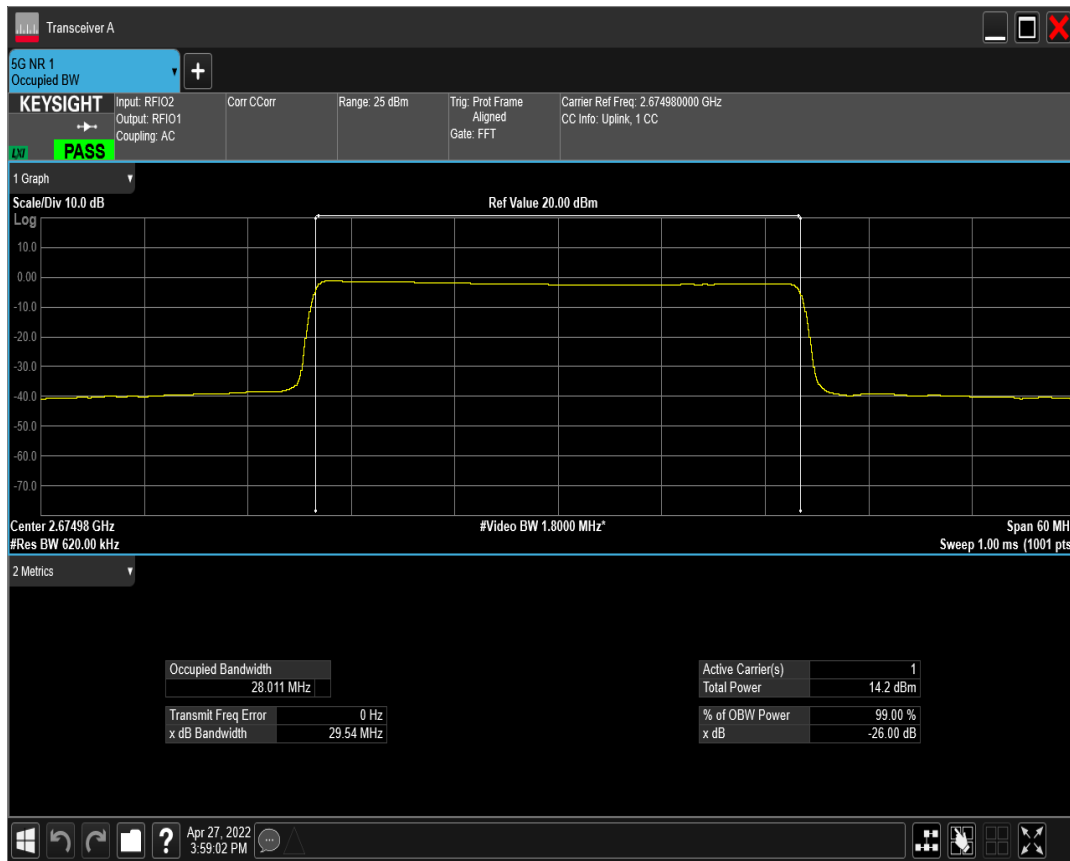
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=518598 RB=78@0 ant2



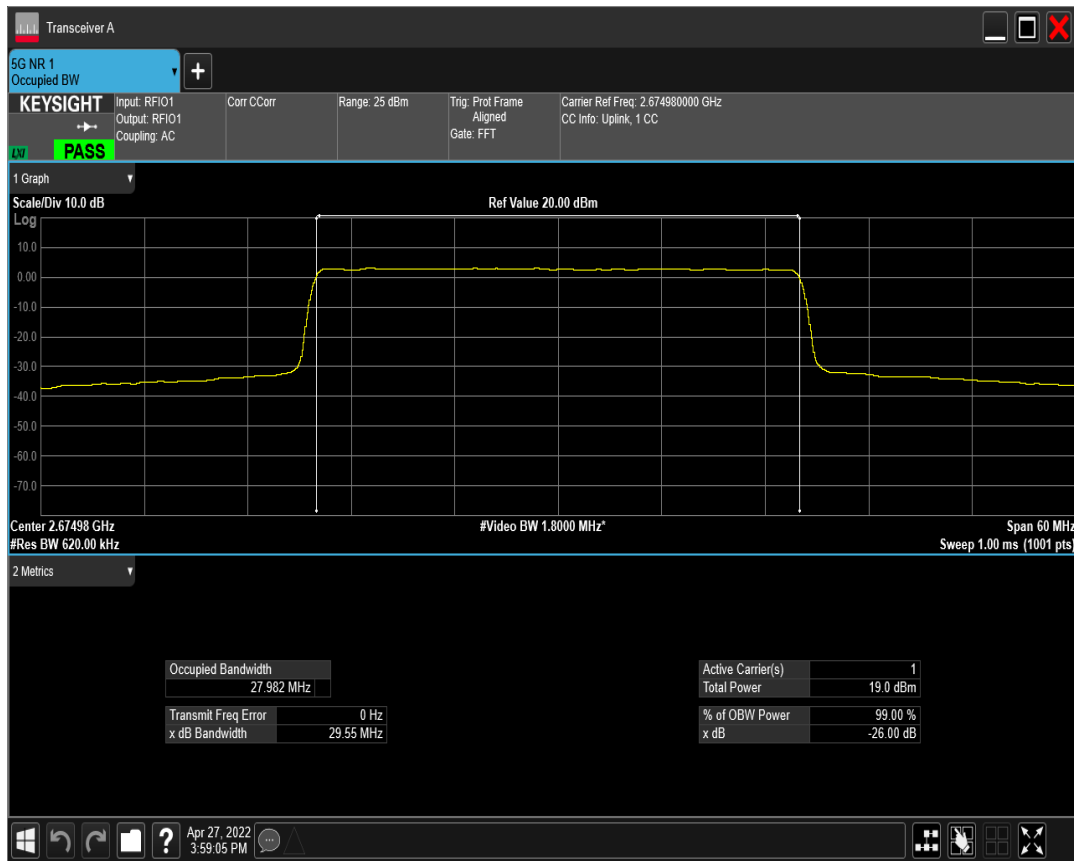
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=534996 RB=78@0 ant1



n41 SCS=30kHz CP_QPSK BW=30MHz Channel=534996 RB=78@0 ant2



n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=534996 RB=78@0 ant1



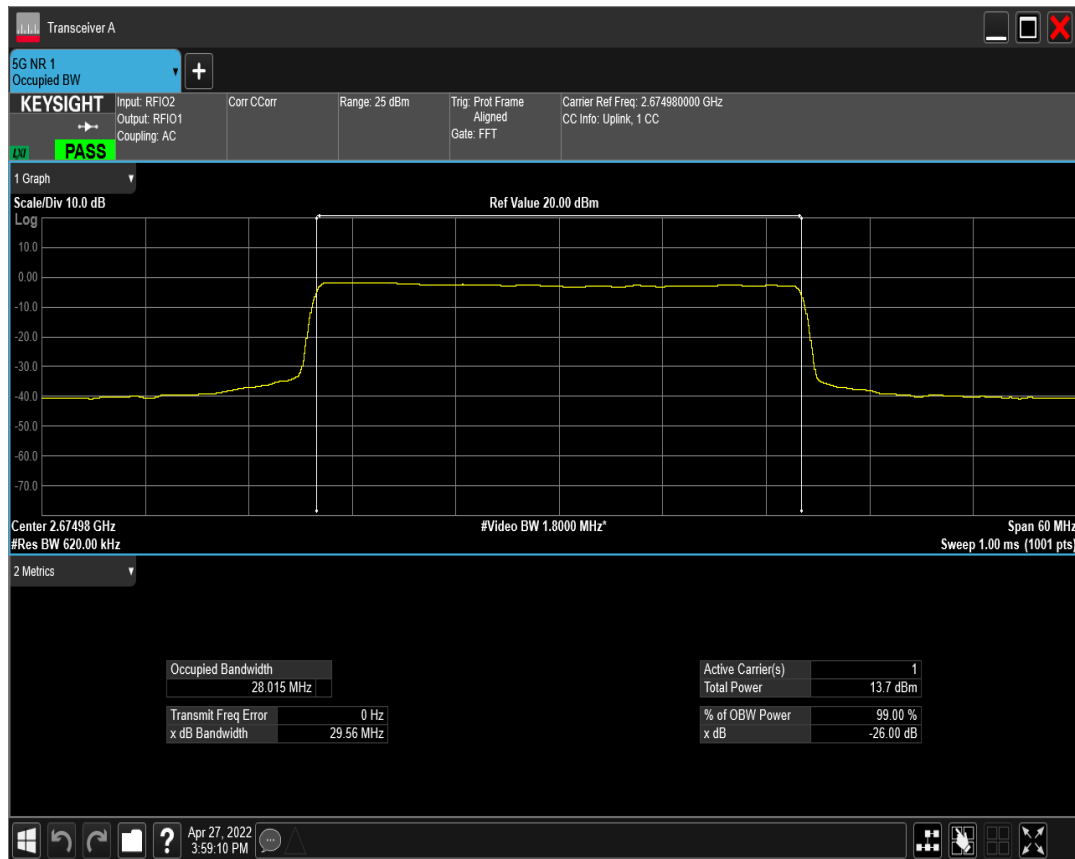
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=534996 RB=78@0 ant2



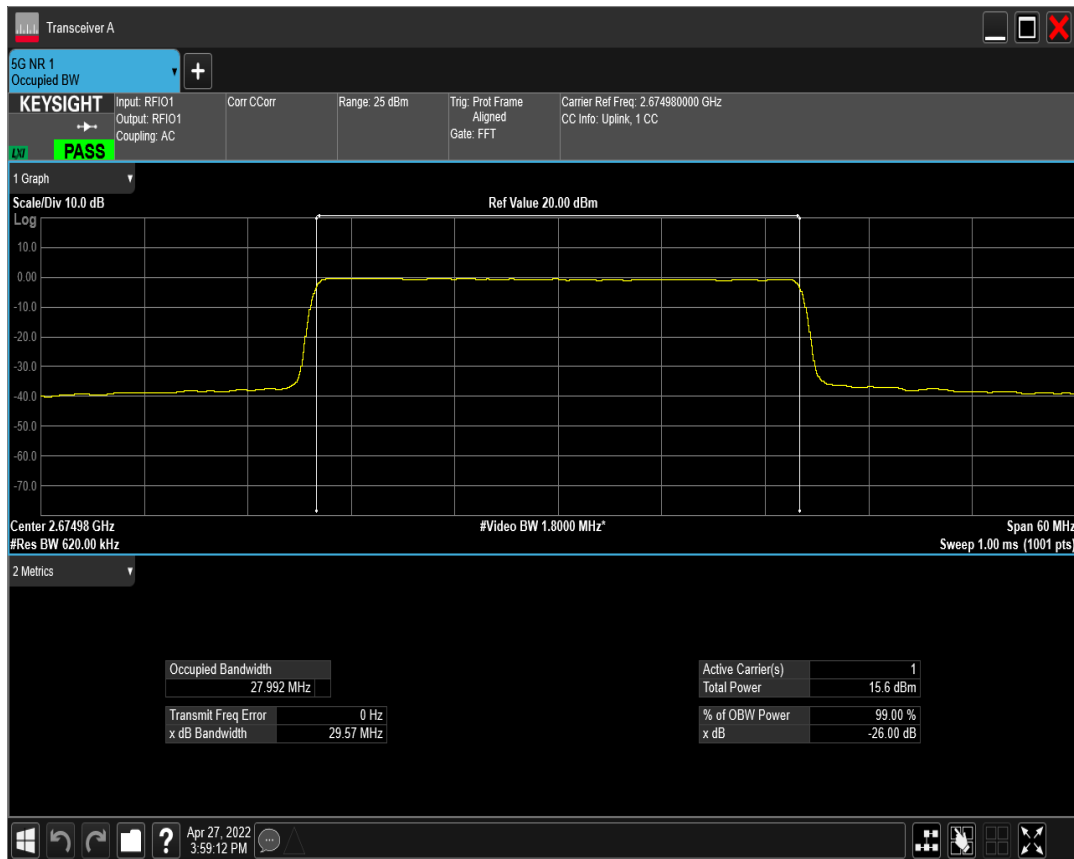
n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=534996 RB=78@0 ant1



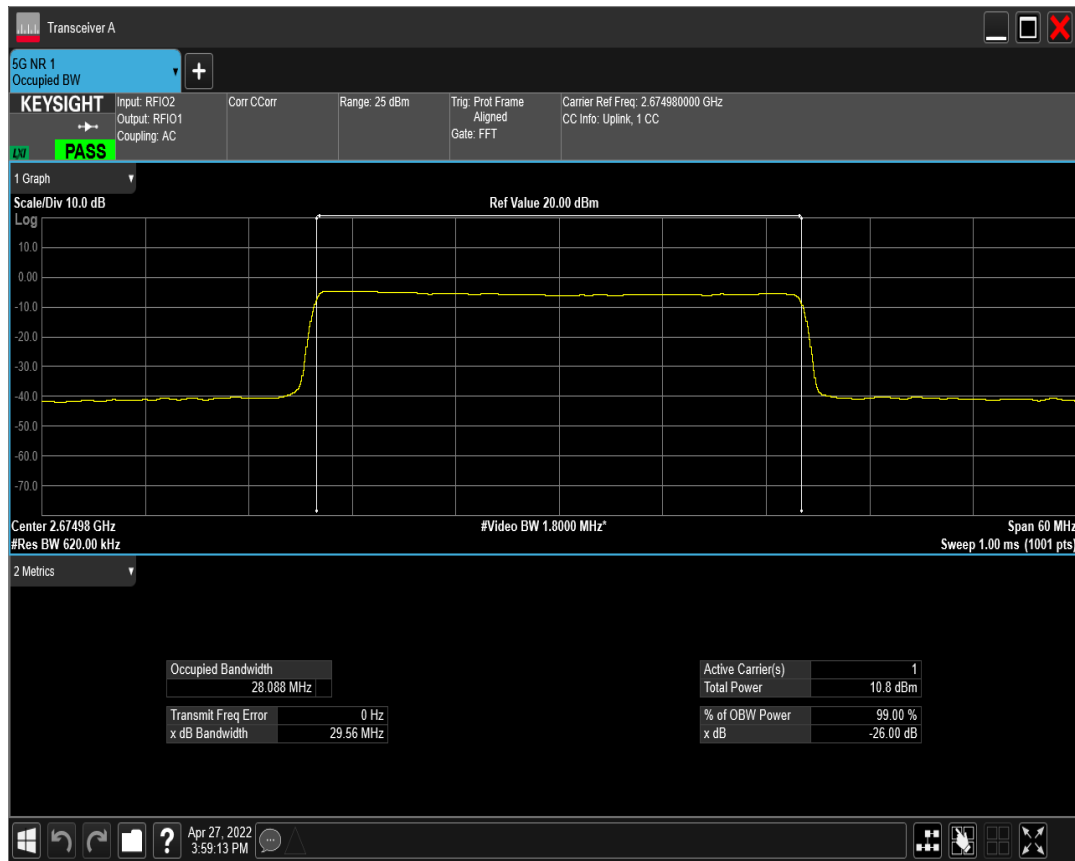
n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=534996 RB=78@0 ant2



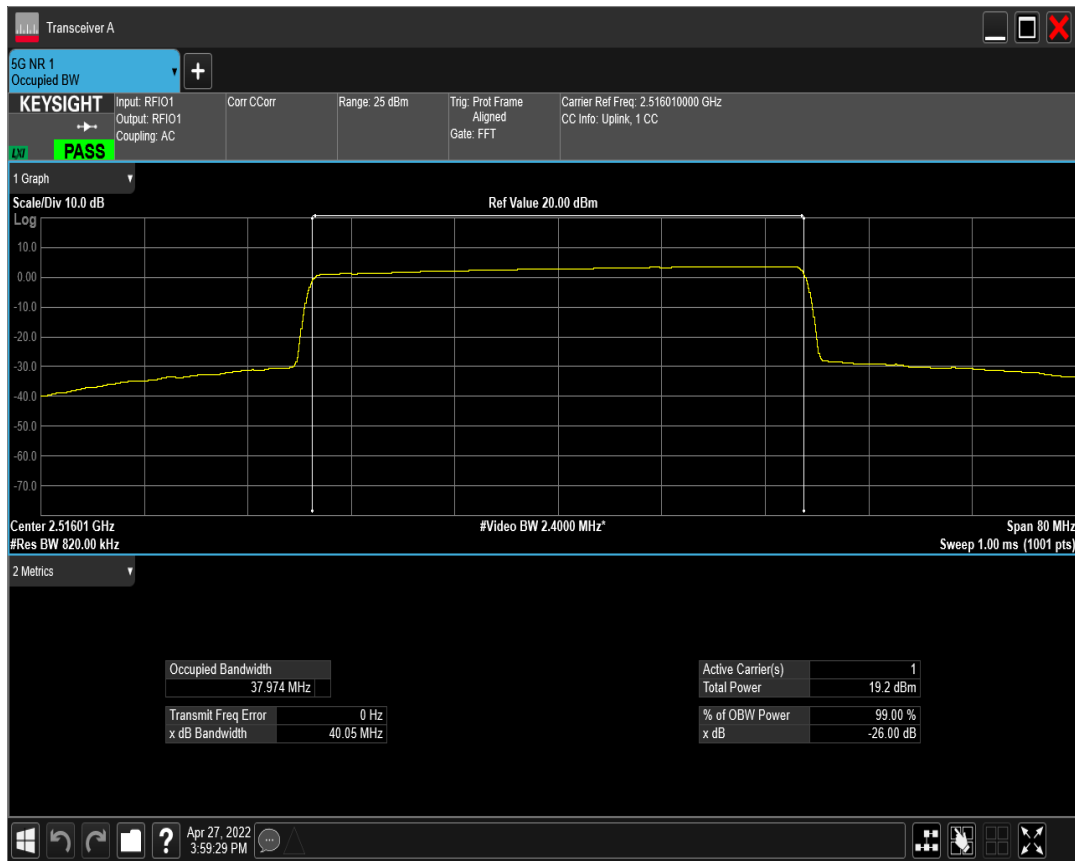
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=534996 RB=78@0 ant1



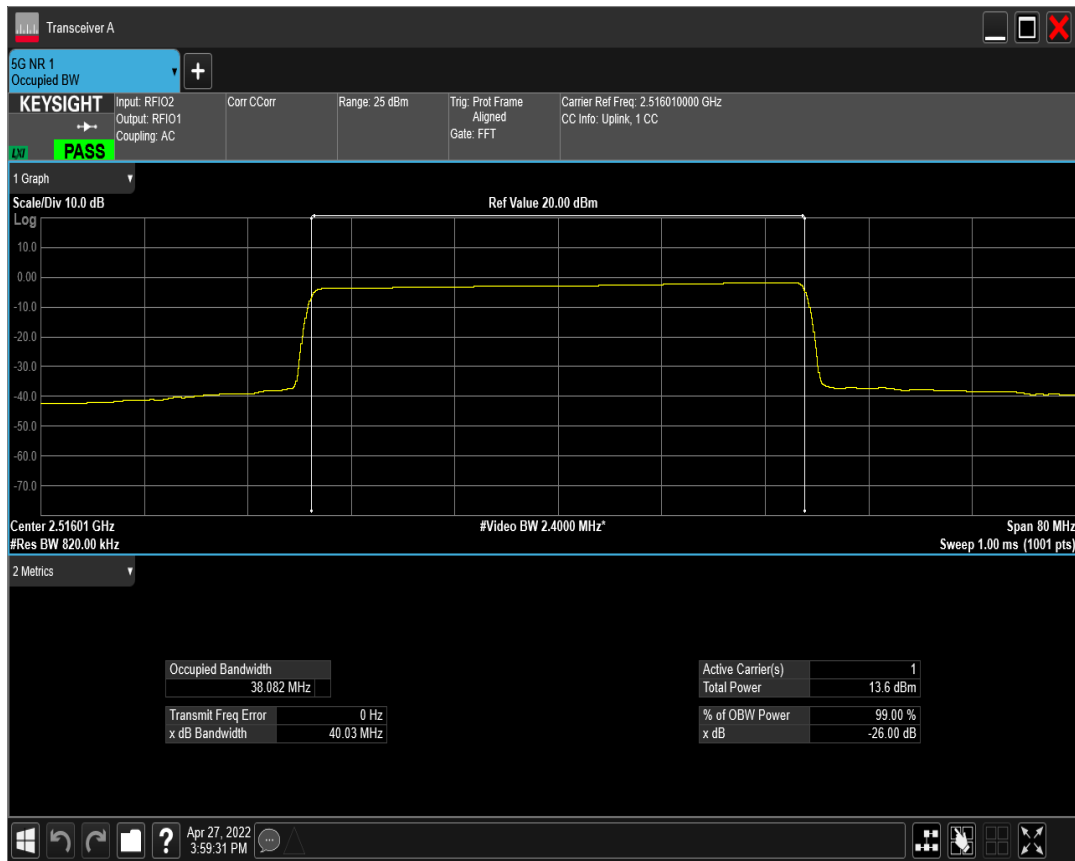
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=534996 RB=78@0 ant2



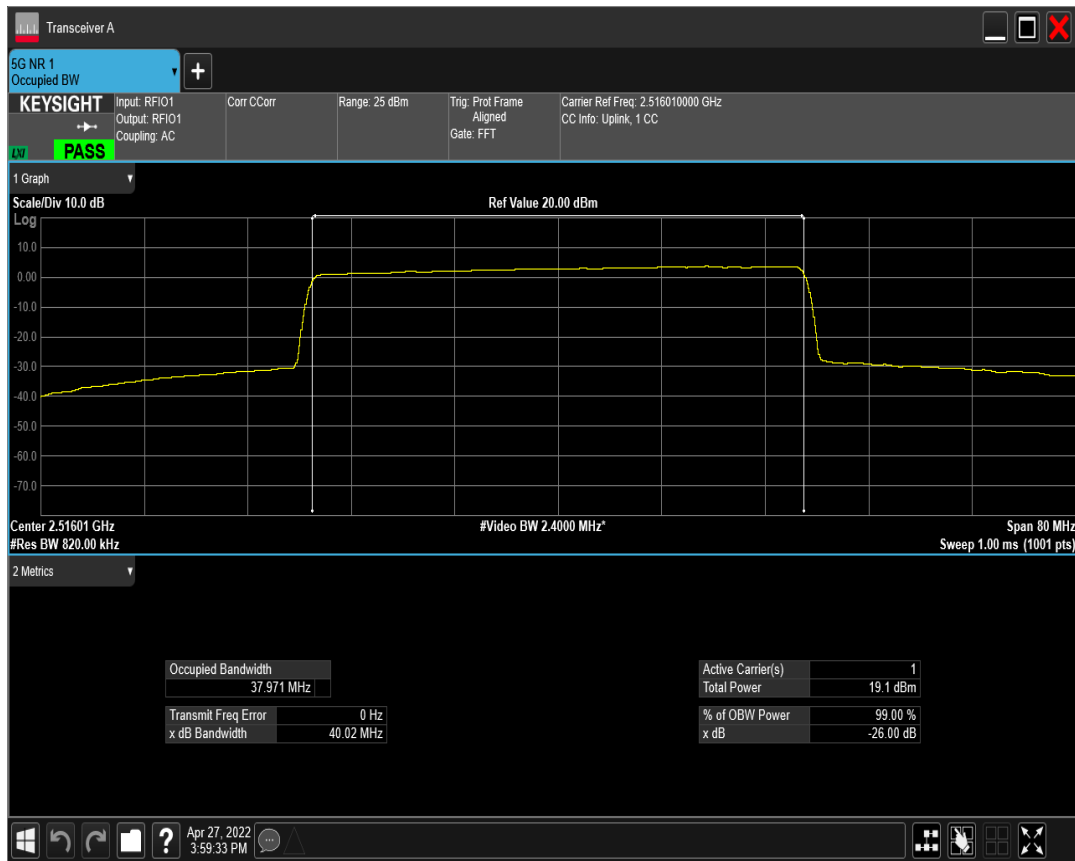
n41 SCS=30kHz CP_QPSK BW=40MHz Channel=503202 RB=106@0 ant1



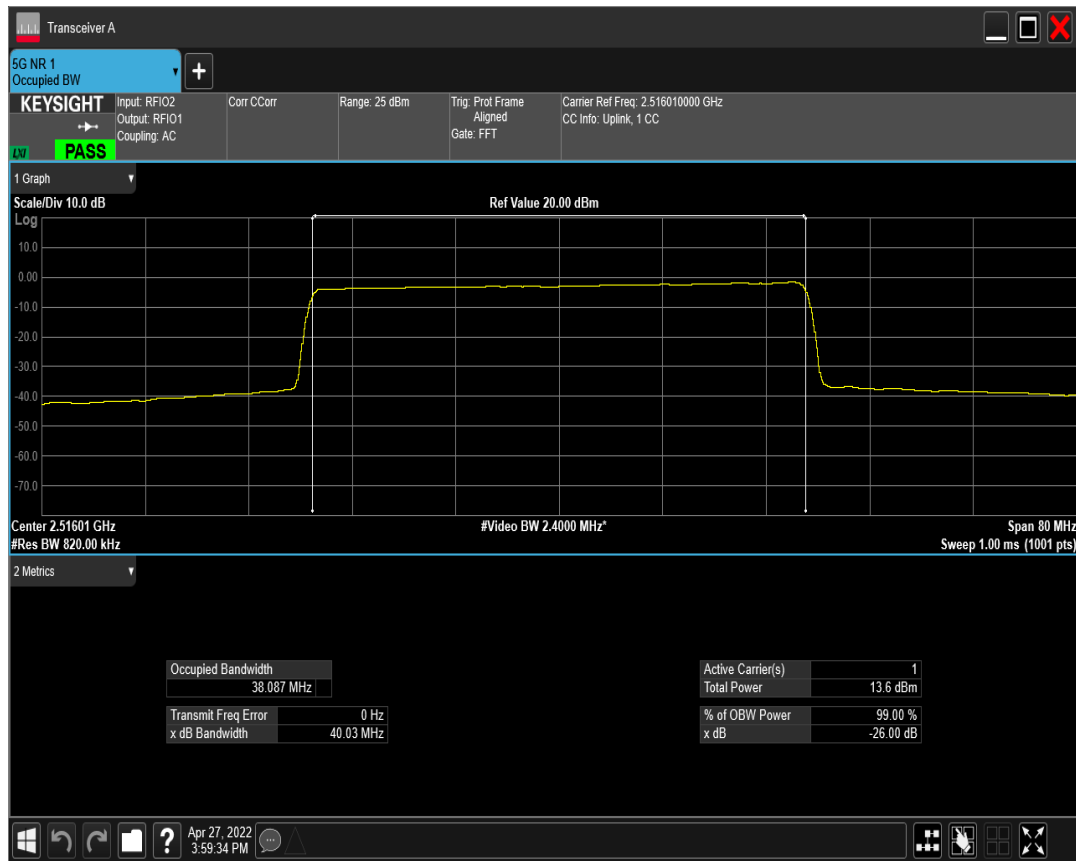
n41 SCS=30kHz CP_QPSK BW=40MHz Channel=503202 RB=106@0 ant2



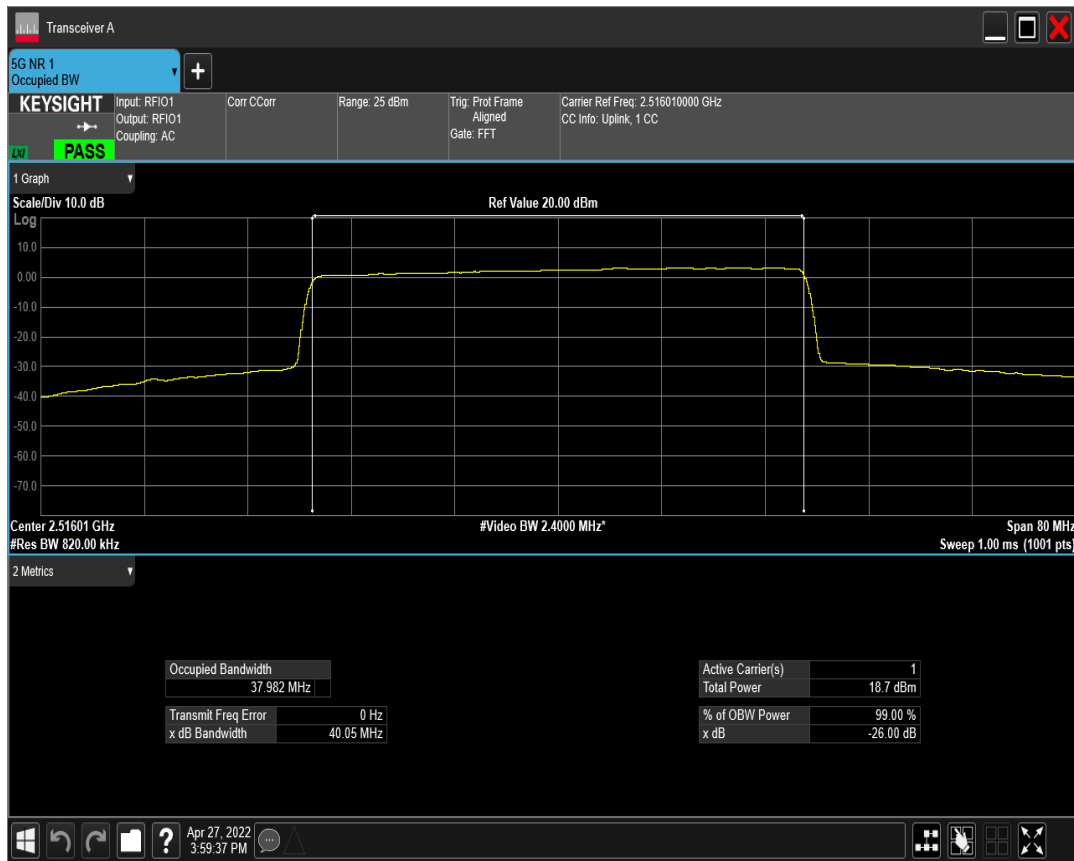
n41 SCS=30kHz CP_QAM16 BW=40MHz Channel=503202 RB=106@0 ant1



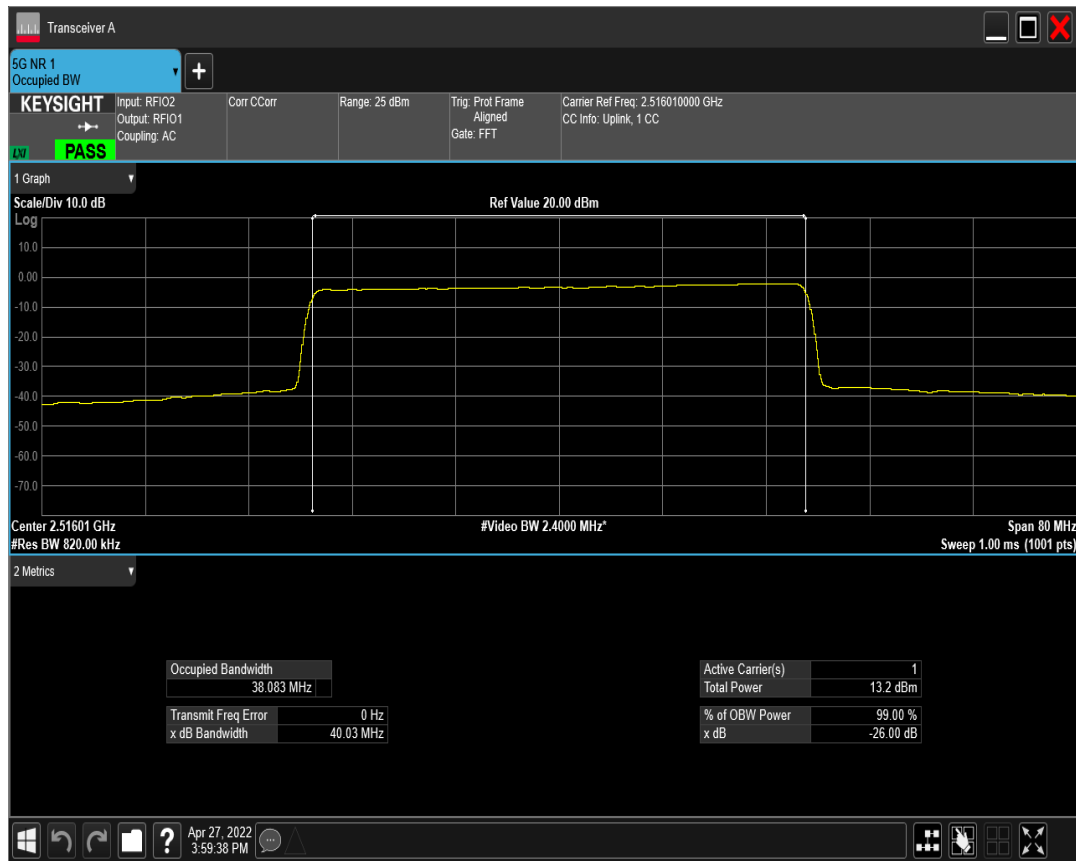
n41 SCS=30kHz CP_QAM16 BW=40MHz Channel=503202 RB=106@0 ant2



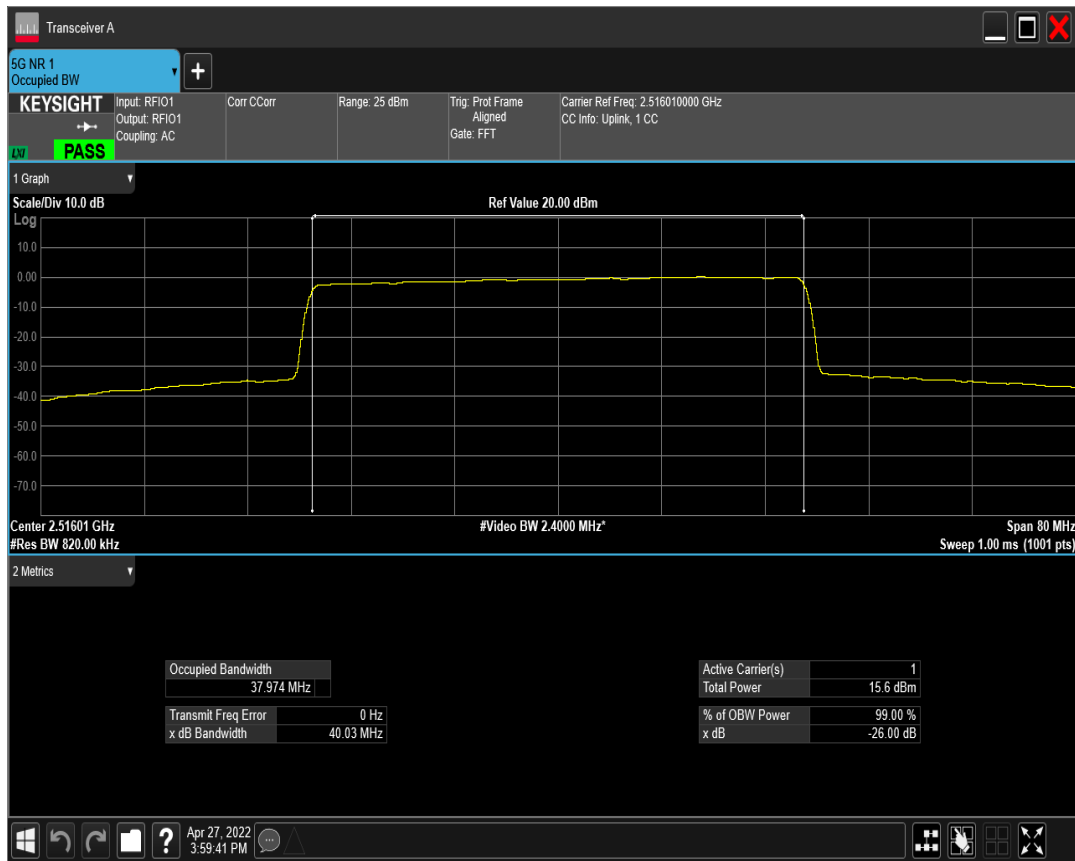
n41 SCS=30kHz CP_QAM64 BW=40MHz Channel=503202 RB=106@0 ant1



n41 SCS=30kHz CP_QAM64 BW=40MHz Channel=503202 RB=106@0 ant2



n41 SCS=30kHz CP_QAM256 BW=40MHz Channel=503202 RB=106@0 ant1



n41 SCS=30kHz CP_QAM256 BW=40MHz Channel=503202 RB=106@0 ant2