

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	19.08	20.18		PASS
n41	ant2	30	20	501204	25@12	CP_QPSK	13.93	7.93		PASS
n41	sum	30	20	501204	25@12	CP_QPSK	20.24	20.43	33	PASS
n41	ant1	30	20	501204	1@1	CP_QPSK	19.23	20.33		PASS
n41	ant2	30	20	501204	1@1	CP_QPSK	13.85	7.85		PASS
n41	sum	30	20	501204	1@1	CP_QPSK	20.34	20.57	33	PASS
n41	ant1	30	20	501204	1@49	CP_QPSK	19.05	20.15		PASS
n41	ant2	30	20	501204	1@49	CP_QPSK	13.61	7.61		PASS
n41	sum	30	20	501204	1@49	CP_QPSK	20.14	20.39	33	PASS
n41	ant1	30	20	501204	25@12	CP_QAM16	19.10	20.20		PASS
n41	ant2	30	20	501204	25@12	CP_QAM16	13.89	7.89		PASS
n41	sum	30	20	501204	25@12	CP_QAM16	20.24	20.45	33	PASS
n41	ant1	30	20	501204	1@1	CP_QAM16	19.16	20.26		PASS
n41	ant2	30	20	501204	1@1	CP_QAM16	13.65	7.65		PASS
n41	sum	30	20	501204	1@1	CP_QAM16	20.24	20.49	33	PASS
n41	ant1	30	20	501204	1@49	CP_QAM16	19.00	20.10		PASS
n41	ant2	30	20	501204	1@49	CP_QAM16	13.50	7.50		PASS
n41	sum	30	20	501204	1@49	CP_QAM16	20.08	20.33	33	PASS
n41	ant1	30	20	501204	25@12	CP_QAM64	18.60	19.70		PASS
n41	ant2	30	20	501204	25@12	CP_QAM64	13.24	7.24		PASS
n41	sum	30	20	501204	25@12	CP_QAM64	19.71	19.94	33	PASS
n41	ant1	30	20	501204	1@1	CP_QAM64	19.16	20.26		PASS
n41	ant2	30	20	501204	1@1	CP_QAM64	13.43	7.43		PASS
n41	sum	30	20	501204	1@1	CP_QAM64	20.19	20.48	33	PASS
n41	ant1	30	20	501204	1@49	CP_QAM64	18.93	20.03		PASS
n41	ant2	30	20	501204	1@49	CP_QAM64	13.37	7.37		PASS
n41	sum	30	20	501204	1@49	CP_QAM64	20.00	20.26	33	PASS
n41	ant1	30	20	501204	25@12	CP_QAM256	15.51	16.61		PASS
n41	ant2	30	20	501204	25@12	CP_QAM256	10.48	4.48		PASS
n41	sum	30	20	501204	25@12	CP_QAM256	16.70	16.87	33	PASS
n41	ant1	30	20	501204	1@1	CP_QAM256	15.99	17.09		PASS
n41	ant2	30	20	501204	1@1	CP_QAM256	10.56	4.56		PASS
n41	sum	30	20	501204	1@1	CP_QAM256	17.08	17.33	33	PASS
n41	ant1	30	20	501204	1@49	CP_QAM256	15.86	16.96		PASS
n41	ant2	30	20	501204	1@49	CP_QAM256	10.37	4.37		PASS
n41	sum	30	20	501204	1@49	CP_QAM256	16.94	17.19	33	PASS
n41	ant1	30	20	518598	25@12	CP_QPSK	18.95	20.05		PASS
n41	ant2	30	20	518598	25@12	CP_QPSK	13.19	7.19		PASS

n41	sum	30	20	518598	25@12	CP_QPSK	19.97	20.27	33	PASS
n41	ant1	30	20	518598	1@1	CP_QPSK	19.15	20.25		PASS
n41	ant2	30	20	518598	1@1	CP_QPSK	13.16	7.16		PASS
n41	sum	30	20	518598	1@1	CP_QPSK	20.13	20.46	33	PASS
n41	ant1	30	20	518598	1@49	CP_QPSK	19.07	20.17		PASS
n41	ant2	30	20	518598	1@49	CP_QPSK	13.17	7.17		PASS
n41	sum	30	20	518598	1@49	CP_QPSK	20.06	20.38	33	PASS
n41	ant1	30	20	518598	25@12	CP_QAM16	19.02	20.12		PASS
n41	ant2	30	20	518598	25@12	CP_QAM16	13.10	7.10		PASS
n41	sum	30	20	518598	25@12	CP_QAM16	20.01	20.33	33	PASS
n41	ant1	30	20	518598	1@1	CP_QAM16	18.85	19.95		PASS
n41	ant2	30	20	518598	1@1	CP_QAM16	13.39	7.39		PASS
n41	sum	30	20	518598	1@1	CP_QAM16	19.94	20.18	33	PASS
n41	ant1	30	20	518598	1@49	CP_QAM16	18.80	19.90		PASS
n41	ant2	30	20	518598	1@49	CP_QAM16	13.28	7.28		PASS
n41	sum	30	20	518598	1@49	CP_QAM16	19.87	20.13	33	PASS
n41	ant1	30	20	518598	25@12	CP_QAM64	18.46	19.56		PASS
n41	ant2	30	20	518598	25@12	CP_QAM64	12.68	6.68		PASS
n41	sum	30	20	518598	25@12	CP_QAM64	19.48	19.78	33	PASS
n41	ant1	30	20	518598	1@1	CP_QAM64	18.81	19.91		PASS
n41	ant2	30	20	518598	1@1	CP_QAM64	13.43	7.43		PASS
n41	sum	30	20	518598	1@1	CP_QAM64	19.92	20.15	33	PASS
n41	ant1	30	20	518598	1@49	CP_QAM64	18.60	19.70		PASS
n41	ant2	30	20	518598	1@49	CP_QAM64	12.57	6.57		PASS
n41	sum	30	20	518598	1@49	CP_QAM64	19.57	19.91	33	PASS
n41	ant1	30	20	518598	25@12	CP_QAM256	15.47	16.57		PASS
n41	ant2	30	20	518598	25@12	CP_QAM256	9.75	3.75		PASS
n41	sum	30	20	518598	25@12	CP_QAM256	16.50	16.79	33	PASS
n41	ant1	30	20	518598	1@1	CP_QAM256	15.92	17.02		PASS
n41	ant2	30	20	518598	1@1	CP_QAM256	10.14	4.14		PASS
n41	sum	30	20	518598	1@1	CP_QAM256	16.94	17.24	33	PASS
n41	ant1	30	20	518598	1@49	CP_QAM256	15.78	16.88		PASS
n41	ant2	30	20	518598	1@49	CP_QAM256	9.87	3.87		PASS
n41	sum	30	20	518598	1@49	CP_QAM256	16.77	17.09	33	PASS
n41	ant1	30	20	535998	25@12	CP_QPSK	18.95	20.05		PASS
n41	ant2	30	20	535998	25@12	CP_QPSK	13.86	7.86		PASS
n41	sum	30	20	535998	25@12	CP_QPSK	20.12	20.30	33	PASS
n41	ant1	30	20	535998	1@1	CP_QPSK	18.93	20.03		PASS
n41	ant2	30	20	535998	1@1	CP_QPSK	13.97	7.97		PASS
n41	sum	30	20	535998	1@1	CP_QPSK	20.13	20.29	33	PASS
n41	ant1	30	20	535998	1@49	CP_QPSK	19.03	20.13		PASS
n41	ant2	30	20	535998	1@49	CP_QPSK	14.12	8.12		PASS

n41	sum	30	20	535998	1@49	CP_QPSK	20.25	20.40	33	PASS
n41	ant1	30	20	535998	25@12	CP_QAM16	18.97	20.07		PASS
n41	ant2	30	20	535998	25@12	CP_QAM16	13.76	7.76		PASS
n41	sum	30	20	535998	25@12	CP_QAM16	20.11	20.32	33	PASS
n41	ant1	30	20	535998	1@1	CP_QAM16	18.69	19.79		PASS
n41	ant2	30	20	535998	1@1	CP_QAM16	13.85	7.85		PASS
n41	sum	30	20	535998	1@1	CP_QAM16	19.92	20.06	33	PASS
n41	ant1	30	20	535998	1@49	CP_QAM16	18.79	19.89		PASS
n41	ant2	30	20	535998	1@49	CP_QAM16	14.21	8.21		PASS
n41	sum	30	20	535998	1@49	CP_QAM16	20.09	20.18	33	PASS
n41	ant1	30	20	535998	25@12	CP_QAM64	18.41	19.51		PASS
n41	ant2	30	20	535998	25@12	CP_QAM64	13.20	7.20		PASS
n41	sum	30	20	535998	25@12	CP_QAM64	19.55	19.76	33	PASS
n41	ant1	30	20	535998	1@1	CP_QAM64	18.55	19.65		PASS
n41	ant2	30	20	535998	1@1	CP_QAM64	13.77	7.77		PASS
n41	sum	30	20	535998	1@1	CP_QAM64	19.80	19.92	33	PASS
n41	ant1	30	20	535998	1@49	CP_QAM64	18.67	19.77		PASS
n41	ant2	30	20	535998	1@49	CP_QAM64	14.05	8.05		PASS
n41	sum	30	20	535998	1@49	CP_QAM64	19.96	20.05	33	PASS
n41	ant1	30	20	535998	25@12	CP_QAM256	15.54	16.64		PASS
n41	ant2	30	20	535998	25@12	CP_QAM256	10.31	4.31		PASS
n41	sum	30	20	535998	25@12	CP_QAM256	16.68	16.89	33	PASS
n41	ant1	30	20	535998	1@1	CP_QAM256	15.70	16.80		PASS
n41	ant2	30	20	535998	1@1	CP_QAM256	10.53	4.53		PASS
n41	sum	30	20	535998	1@1	CP_QAM256	16.85	17.05	33	PASS
n41	ant1	30	20	535998	1@49	CP_QAM256	15.80	16.90		PASS
n41	ant2	30	20	535998	1@49	CP_QAM256	10.89	4.89		PASS
n41	sum	30	20	535998	1@49	CP_QAM256	17.02	17.17	33	PASS
n41	ant1	30	30	502200	39@19	CP_QPSK	19.14	20.24		PASS
n41	ant2	30	30	502200	39@19	CP_QPSK	13.98	7.98		PASS
n41	sum	30	30	502200	39@19	CP_QPSK	20.30	20.49	33	PASS
n41	ant1	30	30	502200	1@1	CP_QPSK	19.28	20.38		PASS
n41	ant2	30	30	502200	1@1	CP_QPSK	13.92	7.92		PASS
n41	sum	30	30	502200	1@1	CP_QPSK	20.39	20.62	33	PASS
n41	ant1	30	30	502200	1@76	CP_QPSK	19.23	20.33		PASS
n41	ant2	30	30	502200	1@76	CP_QPSK	13.35	7.35		PASS
n41	sum	30	30	502200	1@76	CP_QPSK	20.23	20.54	33	PASS
n41	ant1	30	30	502200	39@19	CP_QAM16	19.06	20.16		PASS
n41	ant2	30	30	502200	39@19	CP_QAM16	13.93	7.93		PASS
n41	sum	30	30	502200	39@19	CP_QAM16	20.22	20.41	33	PASS
n41	ant1	30	30	502200	1@1	CP_QAM16	19.25	20.35		PASS
n41	ant2	30	30	502200	1@1	CP_QAM16	13.71	7.71		PASS

n41	sum	30	30	502200	1@1	CP_QAM16	20.32	20.58	33	PASS
n41	ant1	30	30	502200	1@76	CP_QAM16	19.12	20.22		PASS
n41	ant2	30	30	502200	1@76	CP_QAM16	13.14	7.14		PASS
n41	sum	30	30	502200	1@76	CP_QAM16	20.10	20.43	33	PASS
n41	ant1	30	30	502200	39@19	CP_QAM64	18.75	19.85		PASS
n41	ant2	30	30	502200	39@19	CP_QAM64	13.49	7.49		PASS
n41	sum	30	30	502200	39@19	CP_QAM64	19.88	20.10	33	PASS
n41	ant1	30	30	502200	1@1	CP_QAM64	19.20	20.30		PASS
n41	ant2	30	30	502200	1@1	CP_QAM64	13.58	7.58		PASS
n41	sum	30	30	502200	1@1	CP_QAM64	20.25	20.53	33	PASS
n41	ant1	30	30	502200	1@76	CP_QAM64	19.19	20.29		PASS
n41	ant2	30	30	502200	1@76	CP_QAM64	12.96	6.96		PASS
n41	sum	30	30	502200	1@76	CP_QAM64	20.12	20.49	33	PASS
n41	ant1	30	30	502200	39@19	CP_QAM256	15.66	16.76		PASS
n41	ant2	30	30	502200	39@19	CP_QAM256	10.45	4.45		PASS
n41	sum	30	30	502200	39@19	CP_QAM256	16.80	17.01	33	PASS
n41	ant1	30	30	502200	1@1	CP_QAM256	16.35	17.45		PASS
n41	ant2	30	30	502200	1@1	CP_QAM256	10.73	4.73		PASS
n41	sum	30	30	502200	1@1	CP_QAM256	17.40	17.68	33	PASS
n41	ant1	30	30	502200	1@76	CP_QAM256	16.09	17.19		PASS
n41	ant2	30	30	502200	1@76	CP_QAM256	10.04	4.04		PASS
n41	sum	30	30	502200	1@76	CP_QAM256	17.05	17.40	33	PASS
n41	ant1	30	30	518598	39@19	CP_QPSK	19.01	20.11		PASS
n41	ant2	30	30	518598	39@19	CP_QPSK	13.40	7.40		PASS
n41	sum	30	30	518598	39@19	CP_QPSK	20.06	20.34	33	PASS
n41	ant1	30	30	518598	1@1	CP_QPSK	19.18	20.28		PASS
n41	ant2	30	30	518598	1@1	CP_QPSK	13.27	7.27		PASS
n41	sum	30	30	518598	1@1	CP_QPSK	20.17	20.49	33	PASS
n41	ant1	30	30	518598	1@76	CP_QPSK	19.45	20.55		PASS
n41	ant2	30	30	518598	1@76	CP_QPSK	13.53	7.53		PASS
n41	sum	30	30	518598	1@76	CP_QPSK	20.44	20.76	33	PASS
n41	ant1	30	30	518598	39@19	CP_QAM16	18.99	20.09		PASS
n41	ant2	30	30	518598	39@19	CP_QAM16	13.34	7.34		PASS
n41	sum	30	30	518598	39@19	CP_QAM16	20.04	20.31	33	PASS
n41	ant1	30	30	518598	1@1	CP_QAM16	19.02	20.12		PASS
n41	ant2	30	30	518598	1@1	CP_QAM16	13.56	7.56		PASS
n41	sum	30	30	518598	1@1	CP_QAM16	20.11	20.35	33	PASS
n41	ant1	30	30	518598	1@76	CP_QAM16	19.10	20.20		PASS
n41	ant2	30	30	518598	1@76	CP_QAM16	13.77	7.77		PASS
n41	sum	30	30	518598	1@76	CP_QAM16	20.22	20.44	33	PASS
n41	ant1	30	30	518598	39@19	CP_QAM64	18.55	19.65		PASS
n41	ant2	30	30	518598	39@19	CP_QAM64	12.78	6.78		PASS

n41	sum	30	30	518598	39@19	CP_QAM64	19.57	19.87	33	PASS
n41	ant1	30	30	518598	1@1	CP_QAM64	18.83	19.93		PASS
n41	ant2	30	30	518598	1@1	CP_QAM64	12.97	6.97		PASS
n41	sum	30	30	518598	1@1	CP_QAM64	19.83	20.14	33	PASS
n41	ant1	30	30	518598	1@76	CP_QAM64	18.95	20.05		PASS
n41	ant2	30	30	518598	1@76	CP_QAM64	13.06	7.06		PASS
n41	sum	30	30	518598	1@76	CP_QAM64	19.95	20.26	33	PASS
n41	ant1	30	30	518598	39@19	CP_QAM256	15.51	16.61		PASS
n41	ant2	30	30	518598	39@19	CP_QAM256	9.85	3.85		PASS
n41	sum	30	30	518598	39@19	CP_QAM256	16.55	16.83	33	PASS
n41	ant1	30	30	518598	1@1	CP_QAM256	16.06	17.16		PASS
n41	ant2	30	30	518598	1@1	CP_QAM256	10.01	4.01		PASS
n41	sum	30	30	518598	1@1	CP_QAM256	17.02	17.37	33	PASS
n41	ant1	30	30	518598	1@76	CP_QAM256	16.02	17.12		PASS
n41	ant2	30	30	518598	1@76	CP_QAM256	10.15	4.15		PASS
n41	sum	30	30	518598	1@76	CP_QAM256	17.02	17.33	33	PASS
n41	ant1	30	30	534996	39@19	CP_QPSK	18.92	20.02		PASS
n41	ant2	30	30	534996	39@19	CP_QPSK	13.81	7.81		PASS
n41	sum	30	30	534996	39@19	CP_QPSK	20.09	20.27	33	PASS
n41	ant1	30	30	534996	1@1	CP_QPSK	18.97	20.07		PASS
n41	ant2	30	30	534996	1@1	CP_QPSK	13.99	7.99		PASS
n41	sum	30	30	534996	1@1	CP_QPSK	20.17	20.33	33	PASS
n41	ant1	30	30	534996	1@76	CP_QPSK	19.33	20.43		PASS
n41	ant2	30	30	534996	1@76	CP_QPSK	14.03	8.03		PASS
n41	sum	30	30	534996	1@76	CP_QPSK	20.45	20.67	33	PASS
n41	ant1	30	30	534996	39@19	CP_QAM16	18.99	20.09		PASS
n41	ant2	30	30	534996	39@19	CP_QAM16	13.85	7.85		PASS
n41	sum	30	30	534996	39@19	CP_QAM16	20.15	20.34	33	PASS
n41	ant1	30	30	534996	1@1	CP_QAM16	18.94	20.04		PASS
n41	ant2	30	30	534996	1@1	CP_QAM16	13.83	7.83		PASS
n41	sum	30	30	534996	1@1	CP_QAM16	20.11	20.29	33	PASS
n41	ant1	30	30	534996	1@76	CP_QAM16	19.20	20.30		PASS
n41	ant2	30	30	534996	1@76	CP_QAM16	13.92	7.92		PASS
n41	sum	30	30	534996	1@76	CP_QAM16	20.33	20.54	33	PASS
n41	ant1	30	30	534996	39@19	CP_QAM64	18.52	19.62		PASS
n41	ant2	30	30	534996	39@19	CP_QAM64	13.33	7.33		PASS
n41	sum	30	30	534996	39@19	CP_QAM64	19.67	19.87	33	PASS
n41	ant1	30	30	534996	1@1	CP_QAM64	18.76	19.86		PASS
n41	ant2	30	30	534996	1@1	CP_QAM64	13.96	7.96		PASS
n41	sum	30	30	534996	1@1	CP_QAM64	20.00	20.13	33	PASS
n41	ant1	30	30	534996	1@76	CP_QAM64	19.06	20.16		PASS
n41	ant2	30	30	534996	1@76	CP_QAM64	14.15	8.15		PASS

n41	sum	30	30	534996	1@76	CP_QAM64	20.28	20.43	33	PASS
n41	ant1	30	30	534996	39@19	CP_QAM256	15.57	16.67		PASS
n41	ant2	30	30	534996	39@19	CP_QAM256	10.34	4.34		PASS
n41	sum	30	30	534996	39@19	CP_QAM256	16.71	16.92	33	PASS
n41	ant1	30	30	534996	1@1	CP_QAM256	15.76	16.86		PASS
n41	ant2	30	30	534996	1@1	CP_QAM256	10.59	4.59		PASS
n41	sum	30	30	534996	1@1	CP_QAM256	16.91	17.11	33	PASS
n41	ant1	30	30	534996	1@76	CP_QAM256	16.04	17.14		PASS
n41	ant2	30	30	534996	1@76	CP_QAM256	10.76	4.76		PASS
n41	sum	30	30	534996	1@76	CP_QAM256	17.17	17.38	33	PASS
n41	ant1	30	40	503202	53@26	CP_QPSK	19.21	20.31		PASS
n41	ant2	30	40	503202	53@26	CP_QPSK	13.75	7.75		PASS
n41	sum	30	40	503202	53@26	CP_QPSK	20.30	20.54	33	PASS
n41	ant1	30	40	503202	1@1	CP_QPSK	19.55	20.65		PASS
n41	ant2	30	40	503202	1@1	CP_QPSK	13.99	7.99		PASS
n41	sum	30	40	503202	1@1	CP_QPSK	20.62	20.88	33	PASS
n41	ant1	30	40	503202	1@104	CP_QPSK	19.30	20.40		PASS
n41	ant2	30	40	503202	1@104	CP_QPSK	13.37	7.37		PASS
n41	sum	30	40	503202	1@104	CP_QPSK	20.29	20.61	33	PASS
n41	ant1	30	40	503202	53@26	CP_QAM16	19.12	20.22		PASS
n41	ant2	30	40	503202	53@26	CP_QAM16	13.79	7.79		PASS
n41	sum	30	40	503202	53@26	CP_QAM16	20.24	20.46	33	PASS
n41	ant1	30	40	503202	1@1	CP_QAM16	19.15	20.25		PASS
n41	ant2	30	40	503202	1@1	CP_QAM16	14.13	8.13		PASS
n41	sum	30	40	503202	1@1	CP_QAM16	20.34	20.51	33	PASS
n41	ant1	30	40	503202	1@104	CP_QAM16	19.14	20.24		PASS
n41	ant2	30	40	503202	1@104	CP_QAM16	13.50	7.50		PASS
n41	sum	30	40	503202	1@104	CP_QAM16	20.19	20.47	33	PASS
n41	ant1	30	40	503202	53@26	CP_QAM64	18.80	19.90		PASS
n41	ant2	30	40	503202	53@26	CP_QAM64	13.30	7.30		PASS
n41	sum	30	40	503202	53@26	CP_QAM64	19.88	20.13	33	PASS
n41	ant1	30	40	503202	1@1	CP_QAM64	19.17	20.27		PASS
n41	ant2	30	40	503202	1@1	CP_QAM64	13.84	7.84		PASS
n41	sum	30	40	503202	1@1	CP_QAM64	20.29	20.51	33	PASS
n41	ant1	30	40	503202	1@104	CP_QAM64	18.90	20.00		PASS
n41	ant2	30	40	503202	1@104	CP_QAM64	13.15	7.15		PASS
n41	sum	30	40	503202	1@104	CP_QAM64	19.92	20.22	33	PASS
n41	ant1	30	40	503202	53@26	CP_QAM256	15.68	16.78		PASS
n41	ant2	30	40	503202	53@26	CP_QAM256	10.21	4.21		PASS
n41	sum	30	40	503202	53@26	CP_QAM256	16.76	17.01	33	PASS
n41	ant1	30	40	503202	1@1	CP_QAM256	16.12	17.22		PASS
n41	ant2	30	40	503202	1@1	CP_QAM256	10.91	4.91		PASS

n41	sum	30	40	503202	1@1	CP_QAM256	17.26	17.47	33	PASS
n41	ant1	30	40	503202	1@104	CP_QAM256	16.20	17.30		PASS
n41	ant2	30	40	503202	1@104	CP_QAM256	10.07	4.07		PASS
n41	sum	30	40	503202	1@104	CP_QAM256	17.15	17.50	33	PASS
n41	ant1	30	40	518598	53@26	CP_QPSK	19.31	20.41		PASS
n41	ant2	30	40	518598	53@26	CP_QPSK	13.36	7.36		PASS
n41	sum	30	40	518598	53@26	CP_QPSK	20.29	20.62	33	PASS
n41	ant1	30	40	518598	1@1	CP_QPSK	19.44	20.54		PASS
n41	ant2	30	40	518598	1@1	CP_QPSK	13.09	7.09		PASS
n41	sum	30	40	518598	1@1	CP_QPSK	20.35	20.73	33	PASS
n41	ant1	30	40	518598	1@104	CP_QPSK	19.35	20.45		PASS
n41	ant2	30	40	518598	1@104	CP_QPSK	13.83	7.83		PASS
n41	sum	30	40	518598	1@104	CP_QPSK	20.42	20.68	33	PASS
n41	ant1	30	40	518598	53@26	CP_QAM16	19.22	20.32		PASS
n41	ant2	30	40	518598	53@26	CP_QAM16	13.36	7.36		PASS
n41	sum	30	40	518598	53@26	CP_QAM16	20.22	20.53	33	PASS
n41	ant1	30	40	518598	1@1	CP_QAM16	19.37	20.47		PASS
n41	ant2	30	40	518598	1@1	CP_QAM16	12.95	6.95		PASS
n41	sum	30	40	518598	1@1	CP_QAM16	20.26	20.66	33	PASS
n41	ant1	30	40	518598	1@104	CP_QAM16	19.29	20.39		PASS
n41	ant2	30	40	518598	1@104	CP_QAM16	13.71	7.71		PASS
n41	sum	30	40	518598	1@104	CP_QAM16	20.35	20.62	33	PASS
n41	ant1	30	40	518598	53@26	CP_QAM64	18.73	19.83		PASS
n41	ant2	30	40	518598	53@26	CP_QAM64	12.88	6.88		PASS
n41	sum	30	40	518598	53@26	CP_QAM64	19.73	20.04	33	PASS
n41	ant1	30	40	518598	1@1	CP_QAM64	19.16	20.26		PASS
n41	ant2	30	40	518598	1@1	CP_QAM64	13.02	7.02		PASS
n41	sum	30	40	518598	1@1	CP_QAM64	20.11	20.46	33	PASS
n41	ant1	30	40	518598	1@104	CP_QAM64	19.14	20.24		PASS
n41	ant2	30	40	518598	1@104	CP_QAM64	13.69	7.69		PASS
n41	sum	30	40	518598	1@104	CP_QAM64	20.23	20.47	33	PASS
n41	ant1	30	40	518598	53@26	CP_QAM256	15.86	16.96		PASS
n41	ant2	30	40	518598	53@26	CP_QAM256	9.83	3.83		PASS
n41	sum	30	40	518598	53@26	CP_QAM256	16.83	17.17	33	PASS
n41	ant1	30	40	518598	1@1	CP_QAM256	16.10	17.20		PASS
n41	ant2	30	40	518598	1@1	CP_QAM256	9.73	3.73		PASS
n41	sum	30	40	518598	1@1	CP_QAM256	17.00	17.39	33	PASS
n41	ant1	30	40	518598	1@104	CP_QAM256	16.11	17.21		PASS
n41	ant2	30	40	518598	1@104	CP_QAM256	10.28	4.28		PASS
n41	sum	30	40	518598	1@104	CP_QAM256	17.12	17.43	33	PASS
n41	ant1	30	40	534000	53@26	CP_QPSK	19.14	20.24		PASS
n41	ant2	30	40	534000	53@26	CP_QPSK	13.91	7.91		PASS

n41	sum	30	40	534000	53@26	CP_QPSK	20.28	20.49	33	PASS
n41	ant1	30	40	534000	1@1	CP_QPSK	19.06	20.16		PASS
n41	ant2	30	40	534000	1@1	CP_QPSK	13.96	7.96		PASS
n41	sum	30	40	534000	1@1	CP_QPSK	20.23	20.41	33	PASS
n41	ant1	30	40	534000	1@104	CP_QPSK	19.17	20.27		PASS
n41	ant2	30	40	534000	1@104	CP_QPSK	14.23	8.23		PASS
n41	sum	30	40	534000	1@104	CP_QPSK	20.38	20.53	33	PASS
n41	ant1	30	40	534000	53@26	CP_QAM16	19.10	20.20		PASS
n41	ant2	30	40	534000	53@26	CP_QAM16	13.85	7.85		PASS
n41	sum	30	40	534000	53@26	CP_QAM16	20.23	20.45	33	PASS
n41	ant1	30	40	534000	1@1	CP_QAM16	19.13	20.23		PASS
n41	ant2	30	40	534000	1@1	CP_QAM16	13.91	7.91		PASS
n41	sum	30	40	534000	1@1	CP_QAM16	20.27	20.48	33	PASS
n41	ant1	30	40	534000	1@104	CP_QAM16	19.30	20.40		PASS
n41	ant2	30	40	534000	1@104	CP_QAM16	14.06	8.06		PASS
n41	sum	30	40	534000	1@104	CP_QAM16	20.44	20.65	33	PASS
n41	ant1	30	40	534000	53@26	CP_QAM64	18.71	19.81		PASS
n41	ant2	30	40	534000	53@26	CP_QAM64	13.46	7.46		PASS
n41	sum	30	40	534000	53@26	CP_QAM64	19.84	20.06	33	PASS
n41	ant1	30	40	534000	1@1	CP_QAM64	18.85	19.95		PASS
n41	ant2	30	40	534000	1@1	CP_QAM64	13.96	7.96		PASS
n41	sum	30	40	534000	1@1	CP_QAM64	20.07	20.22	33	PASS
n41	ant1	30	40	534000	1@104	CP_QAM64	19.11	20.21		PASS
n41	ant2	30	40	534000	1@104	CP_QAM64	13.89	7.89		PASS
n41	sum	30	40	534000	1@104	CP_QAM64	20.25	20.46	33	PASS
n41	ant1	30	40	534000	53@26	CP_QAM256	15.70	16.80		PASS
n41	ant2	30	40	534000	53@26	CP_QAM256	10.41	4.41		PASS
n41	sum	30	40	534000	53@26	CP_QAM256	16.83	17.04	33	PASS
n41	ant1	30	40	534000	1@1	CP_QAM256	16.05	17.15		PASS
n41	ant2	30	40	534000	1@1	CP_QAM256	10.82	4.82		PASS
n41	sum	30	40	534000	1@1	CP_QAM256	17.19	17.40	33	PASS
n41	ant1	30	40	534000	1@104	CP_QAM256	16.10	17.20		PASS
n41	ant2	30	40	534000	1@104	CP_QAM256	10.90	4.90		PASS
n41	sum	30	40	534000	1@104	CP_QAM256	17.25	17.45	33	PASS
n41	ant1	30	50	504204	67@33	CP_QPSK	19.29	20.39		PASS
n41	ant2	30	50	504204	67@33	CP_QPSK	13.52	7.52		PASS
n41	sum	30	50	504204	67@33	CP_QPSK	20.31	20.61	33	PASS
n41	ant1	30	50	504204	1@1	CP_QPSK	19.02	20.12		PASS
n41	ant2	30	50	504204	1@1	CP_QPSK	14.02	8.02		PASS
n41	sum	30	50	504204	1@1	CP_QPSK	20.21	20.38	33	PASS
n41	ant1	30	50	504204	1@131	CP_QPSK	18.98	20.08		PASS
n41	ant2	30	50	504204	1@131	CP_QPSK	13.57	7.57		PASS

n41	sum	30	50	504204	1@131	CP_QPSK	20.08	20.32	33	PASS
n41	ant1	30	50	504204	67@33	CP_QAM16	19.22	20.32		PASS
n41	ant2	30	50	504204	67@33	CP_QAM16	13.44	7.44		PASS
n41	sum	30	50	504204	67@33	CP_QAM16	20.24	20.54	33	PASS
n41	ant1	30	50	504204	1@1	CP_QAM16	19.24	20.34		PASS
n41	ant2	30	50	504204	1@1	CP_QAM16	13.82	7.82		PASS
n41	sum	30	50	504204	1@1	CP_QAM16	20.34	20.58	33	PASS
n41	ant1	30	50	504204	1@131	CP_QAM16	19.14	20.24		PASS
n41	ant2	30	50	504204	1@131	CP_QAM16	13.37	7.37		PASS
n41	sum	30	50	504204	1@131	CP_QAM16	20.16	20.46	33	PASS
n41	ant1	30	50	504204	67@33	CP_QAM64	18.63	19.73		PASS
n41	ant2	30	50	504204	67@33	CP_QAM64	12.97	6.97		PASS
n41	sum	30	50	504204	67@33	CP_QAM64	19.67	19.95	33	PASS
n41	ant1	30	50	504204	1@1	CP_QAM64	19.20	20.30		PASS
n41	ant2	30	50	504204	1@1	CP_QAM64	13.49	7.49		PASS
n41	sum	30	50	504204	1@1	CP_QAM64	20.23	20.52	33	PASS
n41	ant1	30	50	504204	1@131	CP_QAM64	19.12	20.22		PASS
n41	ant2	30	50	504204	1@131	CP_QAM64	13.06	7.06		PASS
n41	sum	30	50	504204	1@131	CP_QAM64	20.08	20.42	33	PASS
n41	ant1	30	50	504204	67@33	CP_QAM256	15.65	16.75		PASS
n41	ant2	30	50	504204	67@33	CP_QAM256	9.97	3.97		PASS
n41	sum	30	50	504204	67@33	CP_QAM256	16.69	16.97	33	PASS
n41	ant1	30	50	504204	1@1	CP_QAM256	16.02	17.12		PASS
n41	ant2	30	50	504204	1@1	CP_QAM256	10.84	4.84		PASS
n41	sum	30	50	504204	1@1	CP_QAM256	17.17	17.37	33	PASS
n41	ant1	30	50	504204	1@131	CP_QAM256	15.96	17.06		PASS
n41	ant2	30	50	504204	1@131	CP_QAM256	10.35	4.35		PASS
n41	sum	30	50	504204	1@131	CP_QAM256	17.01	17.29	33	PASS
n41	ant1	30	50	518598	67@33	CP_QPSK	19.19	20.29		PASS
n41	ant2	30	50	518598	67@33	CP_QPSK	13.28	7.28		PASS
n41	sum	30	50	518598	67@33	CP_QPSK	20.18	20.50	33	PASS
n41	ant1	30	50	518598	1@1	CP_QPSK	19.16	20.26		PASS
n41	ant2	30	50	518598	1@1	CP_QPSK	12.99	6.99		PASS
n41	sum	30	50	518598	1@1	CP_QPSK	20.10	20.46	33	PASS
n41	ant1	30	50	518598	1@131	CP_QPSK	19.28	20.38		PASS
n41	ant2	30	50	518598	1@131	CP_QPSK	13.76	7.76		PASS
n41	sum	30	50	518598	1@131	CP_QPSK	20.35	20.61	33	PASS
n41	ant1	30	50	518598	67@33	CP_QAM16	19.14	20.24		PASS
n41	ant2	30	50	518598	67@33	CP_QAM16	13.27	7.27		PASS
n41	sum	30	50	518598	67@33	CP_QAM16	20.14	20.45	33	PASS
n41	ant1	30	50	518598	1@1	CP_QAM16	18.90	20.00		PASS
n41	ant2	30	50	518598	1@1	CP_QAM16	13.26	7.26		PASS

n41	sum	30	50	518598	1@1	CP_QAM16	19.95	20.23	33	PASS
n41	ant1	30	50	518598	1@131	CP_QAM16	18.95	20.05		PASS
n41	ant2	30	50	518598	1@131	CP_QAM16	13.89	7.89		PASS
n41	sum	30	50	518598	1@131	CP_QAM16	20.13	20.31	33	PASS
n41	ant1	30	50	518598	67@33	CP_QAM64	18.66	19.76		PASS
n41	ant2	30	50	518598	67@33	CP_QAM64	12.79	6.79		PASS
n41	sum	30	50	518598	67@33	CP_QAM64	19.66	19.97	33	PASS
n41	ant1	30	50	518598	1@1	CP_QAM64	19.13	20.23		PASS
n41	ant2	30	50	518598	1@1	CP_QAM64	12.60	6.60		PASS
n41	sum	30	50	518598	1@1	CP_QAM64	20.00	20.41	33	PASS
n41	ant1	30	50	518598	1@131	CP_QAM64	19.01	20.11		PASS
n41	ant2	30	50	518598	1@131	CP_QAM64	13.18	7.18		PASS
n41	sum	30	50	518598	1@131	CP_QAM64	20.02	20.33	33	PASS
n41	ant1	30	50	518598	67@33	CP_QAM256	15.57	16.67		PASS
n41	ant2	30	50	518598	67@33	CP_QAM256	9.75	3.75		PASS
n41	sum	30	50	518598	67@33	CP_QAM256	16.58	16.89	33	PASS
n41	ant1	30	50	518598	1@1	CP_QAM256	15.86	16.96		PASS
n41	ant2	30	50	518598	1@1	CP_QAM256	9.59	3.59		PASS
n41	sum	30	50	518598	1@1	CP_QAM256	16.78	17.16	33	PASS
n41	ant1	30	50	518598	1@131	CP_QAM256	16.02	17.12		PASS
n41	ant2	30	50	518598	1@131	CP_QAM256	10.45	4.45		PASS
n41	sum	30	50	518598	1@131	CP_QAM256	17.08	17.35	33	PASS
n41	ant1	30	50	532998	67@33	CP_QPSK	18.93	20.03		PASS
n41	ant2	30	50	532998	67@33	CP_QPSK	13.91	7.91		PASS
n41	sum	30	50	532998	67@33	CP_QPSK	20.12	20.29	33	PASS
n41	ant1	30	50	532998	1@1	CP_QPSK	18.95	20.05		PASS
n41	ant2	30	50	532998	1@1	CP_QPSK	13.64	7.64		PASS
n41	sum	30	50	532998	1@1	CP_QPSK	20.07	20.29	33	PASS
n41	ant1	30	50	532998	1@131	CP_QPSK	19.03	20.13		PASS
n41	ant2	30	50	532998	1@131	CP_QPSK	14.06	8.06		PASS
n41	sum	30	50	532998	1@131	CP_QPSK	20.23	20.39	33	PASS
n41	ant1	30	50	532998	67@33	CP_QAM16	18.93	20.03		PASS
n41	ant2	30	50	532998	67@33	CP_QAM16	13.93	7.93		PASS
n41	sum	30	50	532998	67@33	CP_QAM16	20.12	20.29	33	PASS
n41	ant1	30	50	532998	1@1	CP_QAM16	19.02	20.12		PASS
n41	ant2	30	50	532998	1@1	CP_QAM16	13.60	7.60		PASS
n41	sum	30	50	532998	1@1	CP_QAM16	20.12	20.36	33	PASS
n41	ant1	30	50	532998	1@131	CP_QAM16	19.19	20.29		PASS
n41	ant2	30	50	532998	1@131	CP_QAM16	13.91	7.91		PASS
n41	sum	30	50	532998	1@131	CP_QAM16	20.32	20.53	33	PASS
n41	ant1	30	50	532998	67@33	CP_QAM64	18.56	19.66		PASS
n41	ant2	30	50	532998	67@33	CP_QAM64	13.35	7.35		PASS

n41	sum	30	50	532998	67@33	CP_QAM64	19.70	19.91	33	PASS
n41	ant1	30	50	532998	1@1	CP_QAM64	18.65	19.75		PASS
n41	ant2	30	50	532998	1@1	CP_QAM64	13.41	7.41		PASS
n41	sum	30	50	532998	1@1	CP_QAM64	19.79	20.00	33	PASS
n41	ant1	30	50	532998	1@131	CP_QAM64	18.89	19.99		PASS
n41	ant2	30	50	532998	1@131	CP_QAM64	13.93	7.93		PASS
n41	sum	30	50	532998	1@131	CP_QAM64	20.09	20.25	33	PASS
n41	ant1	30	50	532998	67@33	CP_QAM256	15.52	16.62		PASS
n41	ant2	30	50	532998	67@33	CP_QAM256	10.38	4.38		PASS
n41	sum	30	50	532998	67@33	CP_QAM256	16.68	16.87	33	PASS
n41	ant1	30	50	532998	1@1	CP_QAM256	15.78	16.88		PASS
n41	ant2	30	50	532998	1@1	CP_QAM256	10.63	4.63		PASS
n41	sum	30	50	532998	1@1	CP_QAM256	16.94	17.13	33	PASS
n41	ant1	30	50	532998	1@131	CP_QAM256	16.17	17.27		PASS
n41	ant2	30	50	532998	1@131	CP_QAM256	10.83	4.83		PASS
n41	sum	30	50	532998	1@131	CP_QAM256	17.28	17.51	33	PASS
n41	ant1	30	60	505200	81@40	CP_QPSK	19.12	20.22		PASS
n41	ant2	30	60	505200	81@40	CP_QPSK	13.36	7.36		PASS
n41	sum	30	60	505200	81@40	CP_QPSK	20.14	20.44	33	PASS
n41	ant1	30	60	505200	1@1	CP_QPSK	19.27	20.37		PASS
n41	ant2	30	60	505200	1@1	CP_QPSK	13.77	7.77		PASS
n41	sum	30	60	505200	1@1	CP_QPSK	20.35	20.60	33	PASS
n41	ant1	30	60	505200	1@160	CP_QPSK	19.13	20.23		PASS
n41	ant2	30	60	505200	1@160	CP_QPSK	13.19	7.19		PASS
n41	sum	30	60	505200	1@160	CP_QPSK	20.12	20.44	33	PASS
n41	ant1	30	60	505200	81@40	CP_QAM16	19.13	20.23		PASS
n41	ant2	30	60	505200	81@40	CP_QAM16	13.37	7.37		PASS
n41	sum	30	60	505200	81@40	CP_QAM16	20.15	20.45	33	PASS
n41	ant1	30	60	505200	1@1	CP_QAM16	18.89	19.99		PASS
n41	ant2	30	60	505200	1@1	CP_QAM16	13.94	7.94		PASS
n41	sum	30	60	505200	1@1	CP_QAM16	20.10	20.25	33	PASS
n41	ant1	30	60	505200	1@160	CP_QAM16	18.90	20.00		PASS
n41	ant2	30	60	505200	1@160	CP_QAM16	13.31	7.31		PASS
n41	sum	30	60	505200	1@160	CP_QAM16	19.96	20.23	33	PASS
n41	ant1	30	60	505200	81@40	CP_QAM64	18.59	19.69		PASS
n41	ant2	30	60	505200	81@40	CP_QAM64	12.98	6.98		PASS
n41	sum	30	60	505200	81@40	CP_QAM64	19.64	19.92	33	PASS
n41	ant1	30	60	505200	1@1	CP_QAM64	19.15	20.25		PASS
n41	ant2	30	60	505200	1@1	CP_QAM64	13.32	7.32		PASS
n41	sum	30	60	505200	1@1	CP_QAM64	20.16	20.47	33	PASS
n41	ant1	30	60	505200	1@160	CP_QAM64	18.89	19.99		PASS
n41	ant2	30	60	505200	1@160	CP_QAM64	12.65	6.65		PASS

n41	sum	30	60	505200	1@160	CP_QAM64	19.82	20.19	33	PASS
n41	ant1	30	60	505200	81@40	CP_QAM256	15.77	16.87		PASS
n41	ant2	30	60	505200	81@40	CP_QAM256	10.00	4.00		PASS
n41	sum	30	60	505200	81@40	CP_QAM256	16.79	17.09	33	PASS
n41	ant1	30	60	505200	1@1	CP_QAM256	16.07	17.17		PASS
n41	ant2	30	60	505200	1@1	CP_QAM256	10.56	4.56		PASS
n41	sum	30	60	505200	1@1	CP_QAM256	17.15	17.40	33	PASS
n41	ant1	30	60	505200	1@160	CP_QAM256	15.84	16.94		PASS
n41	ant2	30	60	505200	1@160	CP_QAM256	10.06	4.06		PASS
n41	sum	30	60	505200	1@160	CP_QAM256	16.86	17.16	33	PASS
n41	ant1	30	60	518598	81@40	CP_QPSK	19.13	20.23		PASS
n41	ant2	30	60	518598	81@40	CP_QPSK	13.26	7.26		PASS
n41	sum	30	60	518598	81@40	CP_QPSK	20.13	20.44	33	PASS
n41	ant1	30	60	518598	1@1	CP_QPSK	18.98	20.08		PASS
n41	ant2	30	60	518598	1@1	CP_QPSK	12.70	6.70		PASS
n41	sum	30	60	518598	1@1	CP_QPSK	19.90	20.27	33	PASS
n41	ant1	30	60	518598	1@160	CP_QPSK	18.93	20.03		PASS
n41	ant2	30	60	518598	1@160	CP_QPSK	13.84	7.84		PASS
n41	sum	30	60	518598	1@160	CP_QPSK	20.10	20.28	33	PASS
n41	ant1	30	60	518598	81@40	CP_QAM16	19.15	20.25		PASS
n41	ant2	30	60	518598	81@40	CP_QAM16	13.25	7.25		PASS
n41	sum	30	60	518598	81@40	CP_QAM16	20.14	20.46	33	PASS
n41	ant1	30	60	518598	1@1	CP_QAM16	19.11	20.21		PASS
n41	ant2	30	60	518598	1@1	CP_QAM16	12.78	6.78		PASS
n41	sum	30	60	518598	1@1	CP_QAM16	20.02	20.40	33	PASS
n41	ant1	30	60	518598	1@160	CP_QAM16	19.09	20.19		PASS
n41	ant2	30	60	518598	1@160	CP_QAM16	13.92	7.92		PASS
n41	sum	30	60	518598	1@160	CP_QAM16	20.24	20.44	33	PASS
n41	ant1	30	60	518598	81@40	CP_QAM64	18.63	19.73		PASS
n41	ant2	30	60	518598	81@40	CP_QAM64	12.75	6.75		PASS
n41	sum	30	60	518598	81@40	CP_QAM64	19.63	19.94	33	PASS
n41	ant1	30	60	518598	1@1	CP_QAM64	19.23	20.33		PASS
n41	ant2	30	60	518598	1@1	CP_QAM64	12.49	6.49		PASS
n41	sum	30	60	518598	1@1	CP_QAM64	20.06	20.51	33	PASS
n41	ant1	30	60	518598	1@160	CP_QAM64	19.02	20.12		PASS
n41	ant2	30	60	518598	1@160	CP_QAM64	13.63	7.63		PASS
n41	sum	30	60	518598	1@160	CP_QAM64	20.12	20.36	33	PASS
n41	ant1	30	60	518598	81@40	CP_QAM256	15.73	16.83		PASS
n41	ant2	30	60	518598	81@40	CP_QAM256	9.73	3.73		PASS
n41	sum	30	60	518598	81@40	CP_QAM256	16.70	17.04	33	PASS
n41	ant1	30	60	518598	1@1	CP_QAM256	16.06	17.16		PASS
n41	ant2	30	60	518598	1@1	CP_QAM256	9.48	3.48		PASS

n41	sum	30	60	518598	1@1	CP_QAM256	16.92	17.34	33	PASS
n41	ant1	30	60	518598	1@160	CP_QAM256	15.82	16.92		PASS
n41	ant2	30	60	518598	1@160	CP_QAM256	10.93	4.93		PASS
n41	sum	30	60	518598	1@160	CP_QAM256	17.04	17.19	33	PASS
n41	ant1	30	60	531996	81@40	CP_QPSK	18.97	20.07		PASS
n41	ant2	30	60	531996	81@40	CP_QPSK	14.03	8.03		PASS
n41	sum	30	60	531996	81@40	CP_QPSK	20.18	20.33	33	PASS
n41	ant1	30	60	531996	1@1	CP_QPSK	18.89	19.99		PASS
n41	ant2	30	60	531996	1@1	CP_QPSK	14.16	8.16		PASS
n41	sum	30	60	531996	1@1	CP_QPSK	20.15	20.27	33	PASS
n41	ant1	30	60	531996	1@160	CP_QPSK	19.07	20.17		PASS
n41	ant2	30	60	531996	1@160	CP_QPSK	13.87	7.87		PASS
n41	sum	30	60	531996	1@160	CP_QPSK	20.22	20.42	33	PASS
n41	ant1	30	60	531996	81@40	CP_QAM16	18.99	20.09		PASS
n41	ant2	30	60	531996	81@40	CP_QAM16	13.92	7.92		PASS
n41	sum	30	60	531996	81@40	CP_QAM16	20.17	20.35	33	PASS
n41	ant1	30	60	531996	1@1	CP_QAM16	19.01	20.11		PASS
n41	ant2	30	60	531996	1@1	CP_QAM16	13.58	7.58		PASS
n41	sum	30	60	531996	1@1	CP_QAM16	20.10	20.35	33	PASS
n41	ant1	30	60	531996	1@160	CP_QAM16	19.09	20.19		PASS
n41	ant2	30	60	531996	1@160	CP_QAM16	13.85	7.85		PASS
n41	sum	30	60	531996	1@160	CP_QAM16	20.23	20.44	33	PASS
n41	ant1	30	60	531996	81@40	CP_QAM64	18.45	19.55		PASS
n41	ant2	30	60	531996	81@40	CP_QAM64	13.45	7.45		PASS
n41	sum	30	60	531996	81@40	CP_QAM64	19.64	19.81	33	PASS
n41	ant1	30	60	531996	1@1	CP_QAM64	18.90	20.00		PASS
n41	ant2	30	60	531996	1@1	CP_QAM64	13.69	7.69		PASS
n41	sum	30	60	531996	1@1	CP_QAM64	20.04	20.25	33	PASS
n41	ant1	30	60	531996	1@160	CP_QAM64	19.07	20.17		PASS
n41	ant2	30	60	531996	1@160	CP_QAM64	13.73	7.73		PASS
n41	sum	30	60	531996	1@160	CP_QAM64	20.18	20.41	33	PASS
n41	ant1	30	60	531996	81@40	CP_QAM256	15.40	16.50		PASS
n41	ant2	30	60	531996	81@40	CP_QAM256	10.36	4.36		PASS
n41	sum	30	60	531996	81@40	CP_QAM256	16.58	16.76	33	PASS
n41	ant1	30	60	531996	1@1	CP_QAM256	15.73	16.83		PASS
n41	ant2	30	60	531996	1@1	CP_QAM256	10.41	4.41		PASS
n41	sum	30	60	531996	1@1	CP_QAM256	16.85	17.07	33	PASS
n41	ant1	30	60	531996	1@160	CP_QAM256	15.90	17.00		PASS
n41	ant2	30	60	531996	1@160	CP_QAM256	10.59	4.59		PASS
n41	sum	30	60	531996	1@160	CP_QAM256	17.02	17.24	33	PASS
n41	ant1	30	80	507204	109@54	CP_QPSK	18.97	20.07		PASS
n41	ant2	30	80	507204	109@54	CP_QPSK	13.19	7.19		PASS

n41	sum	30	80	507204	109@54	CP_QPSK	19.99	20.29	33	PASS
n41	ant1	30	80	507204	1@1	CP_QPSK	18.74	19.84		PASS
n41	ant2	30	80	507204	1@1	CP_QPSK	13.49	7.49		PASS
n41	sum	30	80	507204	1@1	CP_QPSK	19.87	20.09	33	PASS
n41	ant1	30	80	507204	1@215	CP_QPSK	18.89	19.99		PASS
n41	ant2	30	80	507204	1@215	CP_QPSK	12.77	6.77		PASS
n41	sum	30	80	507204	1@215	CP_QPSK	19.84	20.19	33	PASS
n41	ant1	30	80	507204	109@54	CP_QAM16	18.98	20.08		PASS
n41	ant2	30	80	507204	109@54	CP_QAM16	13.21	7.21		PASS
n41	sum	30	80	507204	109@54	CP_QAM16	20.00	20.30	33	PASS
n41	ant1	30	80	507204	1@1	CP_QAM16	19.08	20.18		PASS
n41	ant2	30	80	507204	1@1	CP_QAM16	13.59	7.59		PASS
n41	sum	30	80	507204	1@1	CP_QAM16	20.16	20.41	33	PASS
n41	ant1	30	80	507204	1@215	CP_QAM16	18.98	20.08		PASS
n41	ant2	30	80	507204	1@215	CP_QAM16	12.64	6.64		PASS
n41	sum	30	80	507204	1@215	CP_QAM16	19.89	20.27	33	PASS
n41	ant1	30	80	507204	109@54	CP_QAM64	18.50	19.60		PASS
n41	ant2	30	80	507204	109@54	CP_QAM64	12.62	6.62		PASS
n41	sum	30	80	507204	109@54	CP_QAM64	19.50	19.81	33	PASS
n41	ant1	30	80	507204	1@1	CP_QAM64	19.25	20.35		PASS
n41	ant2	30	80	507204	1@1	CP_QAM64	13.25	7.25		PASS
n41	sum	30	80	507204	1@1	CP_QAM64	20.22	20.56	33	PASS
n41	ant1	30	80	507204	1@215	CP_QAM64	18.90	20.00		PASS
n41	ant2	30	80	507204	1@215	CP_QAM64	12.43	6.43		PASS
n41	sum	30	80	507204	1@215	CP_QAM64	19.78	20.19	33	PASS
n41	ant1	30	80	507204	109@54	CP_QAM256	15.40	16.50		PASS
n41	ant2	30	80	507204	109@54	CP_QAM256	9.57	3.57		PASS
n41	sum	30	80	507204	109@54	CP_QAM256	16.41	16.72	33	PASS
n41	ant1	30	80	507204	1@1	CP_QAM256	15.85	16.95		PASS
n41	ant2	30	80	507204	1@1	CP_QAM256	10.33	4.33		PASS
n41	sum	30	80	507204	1@1	CP_QAM256	16.92	17.18	33	PASS
n41	ant1	30	80	507204	1@215	CP_QAM256	15.85	16.95		PASS
n41	ant2	30	80	507204	1@215	CP_QAM256	9.74	3.74		PASS
n41	sum	30	80	507204	1@215	CP_QAM256	16.80	17.15	33	PASS
n41	ant1	30	80	518598	109@54	CP_QPSK	18.99	20.09		PASS
n41	ant2	30	80	518598	109@54	CP_QPSK	13.14	7.14		PASS
n41	sum	30	80	518598	109@54	CP_QPSK	19.99	20.30	33	PASS
n41	ant1	30	80	518598	1@1	CP_QPSK	18.87	19.97		PASS
n41	ant2	30	80	518598	1@1	CP_QPSK	13.30	7.30		PASS
n41	sum	30	80	518598	1@1	CP_QPSK	19.93	20.20	33	PASS
n41	ant1	30	80	518598	1@215	CP_QPSK	18.82	19.92		PASS
n41	ant2	30	80	518598	1@215	CP_QPSK	13.83	7.83		PASS

n41	sum	30	80	518598	1@215	CP_QPSK	20.02	20.18	33	PASS
n41	ant1	30	80	518598	109@54	CP_QAM16	18.99	20.09		PASS
n41	ant2	30	80	518598	109@54	CP_QAM16	13.15	7.15		PASS
n41	sum	30	80	518598	109@54	CP_QAM16	20.00	20.31	33	PASS
n41	ant1	30	80	518598	1@1	CP_QAM16	19.08	20.18		PASS
n41	ant2	30	80	518598	1@1	CP_QAM16	12.87	6.87		PASS
n41	sum	30	80	518598	1@1	CP_QAM16	20.01	20.38	33	PASS
n41	ant1	30	80	518598	1@215	CP_QAM16	18.79	19.89		PASS
n41	ant2	30	80	518598	1@215	CP_QAM16	13.53	7.53		PASS
n41	sum	30	80	518598	1@215	CP_QAM16	19.92	20.14	33	PASS
n41	ant1	30	80	518598	109@54	CP_QAM64	18.42	19.52		PASS
n41	ant2	30	80	518598	109@54	CP_QAM64	12.65	6.65		PASS
n41	sum	30	80	518598	109@54	CP_QAM64	19.44	19.74	33	PASS
n41	ant1	30	80	518598	1@1	CP_QAM64	18.83	19.93		PASS
n41	ant2	30	80	518598	1@1	CP_QAM64	12.81	6.81		PASS
n41	sum	30	80	518598	1@1	CP_QAM64	19.80	20.14	33	PASS
n41	ant1	30	80	518598	1@215	CP_QAM64	18.63	19.73		PASS
n41	ant2	30	80	518598	1@215	CP_QAM64	13.64	7.64		PASS
n41	sum	30	80	518598	1@215	CP_QAM64	19.83	19.99	33	PASS
n41	ant1	30	80	518598	109@54	CP_QAM256	15.49	16.59		PASS
n41	ant2	30	80	518598	109@54	CP_QAM256	9.59	3.59		PASS
n41	sum	30	80	518598	109@54	CP_QAM256	16.48	16.80	33	PASS
n41	ant1	30	80	518598	1@1	CP_QAM256	15.68	16.78		PASS
n41	ant2	30	80	518598	1@1	CP_QAM256	9.76	3.76		PASS
n41	sum	30	80	518598	1@1	CP_QAM256	16.67	16.99	33	PASS
n41	ant1	30	80	518598	1@215	CP_QAM256	15.61	16.71		PASS
n41	ant2	30	80	518598	1@215	CP_QAM256	10.38	4.38		PASS
n41	sum	30	80	518598	1@215	CP_QAM256	16.75	16.96	33	PASS
n41	ant1	30	80	529998	109@54	CP_QPSK	19.02	20.12		PASS
n41	ant2	30	80	529998	109@54	CP_QPSK	13.79	7.79		PASS
n41	sum	30	80	529998	109@54	CP_QPSK	20.16	20.37	33	PASS
n41	ant1	30	80	529998	1@1	CP_QPSK	18.70	19.80		PASS
n41	ant2	30	80	529998	1@1	CP_QPSK	13.29	7.29		PASS
n41	sum	30	80	529998	1@1	CP_QPSK	19.80	20.04	33	PASS
n41	ant1	30	80	529998	1@215	CP_QPSK	18.87	19.97		PASS
n41	ant2	30	80	529998	1@215	CP_QPSK	13.70	7.70		PASS
n41	sum	30	80	529998	1@215	CP_QPSK	20.02	20.22	33	PASS
n41	ant1	30	80	529998	109@54	CP_QAM16	18.94	20.04		PASS
n41	ant2	30	80	529998	109@54	CP_QAM16	13.82	7.82		PASS
n41	sum	30	80	529998	109@54	CP_QAM16	20.10	20.29	33	PASS
n41	ant1	30	80	529998	1@1	CP_QAM16	18.94	20.04		PASS
n41	ant2	30	80	529998	1@1	CP_QAM16	13.19	7.19		PASS

n41	sum	30	80	529998	1@1	CP_QAM16	19.96	20.26	33	PASS
n41	ant1	30	80	529998	1@215	CP_QAM16	18.97	20.07		PASS
n41	ant2	30	80	529998	1@215	CP_QAM16	13.62	7.62		PASS
n41	sum	30	80	529998	1@215	CP_QAM16	20.08	20.31	33	PASS
n41	ant1	30	80	529998	109@54	CP_QAM64	18.47	19.57		PASS
n41	ant2	30	80	529998	109@54	CP_QAM64	13.31	7.31		PASS
n41	sum	30	80	529998	109@54	CP_QAM64	19.63	19.82	33	PASS
n41	ant1	30	80	529998	1@1	CP_QAM64	18.61	19.71		PASS
n41	ant2	30	80	529998	1@1	CP_QAM64	13.04	7.04		PASS
n41	sum	30	80	529998	1@1	CP_QAM64	19.67	19.94	33	PASS
n41	ant1	30	80	529998	1@215	CP_QAM64	18.66	19.76		PASS
n41	ant2	30	80	529998	1@215	CP_QAM64	13.52	7.52		PASS
n41	sum	30	80	529998	1@215	CP_QAM64	19.82	20.01	33	PASS
n41	ant1	30	80	529998	109@54	CP_QAM256	15.42	16.52		PASS
n41	ant2	30	80	529998	109@54	CP_QAM256	10.30	4.30		PASS
n41	sum	30	80	529998	109@54	CP_QAM256	16.58	16.77	33	PASS
n41	ant1	30	80	529998	1@1	CP_QAM256	15.64	16.74		PASS
n41	ant2	30	80	529998	1@1	CP_QAM256	10.00	4.00		PASS
n41	sum	30	80	529998	1@1	CP_QAM256	16.69	16.97	33	PASS
n41	ant1	30	80	529998	1@215	CP_QAM256	15.73	16.83		PASS
n41	ant2	30	80	529998	1@215	CP_QAM256	10.62	4.62		PASS
n41	sum	30	80	529998	1@215	CP_QAM256	16.90	17.08	33	PASS
n41	ant1	30	90	508200	123@61	CP_QPSK	18.94	20.04		PASS
n41	ant2	30	90	508200	123@61	CP_QPSK	13.24	7.24		PASS
n41	sum	30	90	508200	123@61	CP_QPSK	19.98	20.26	33	PASS
n41	ant1	30	90	508200	1@1	CP_QPSK	19.25	20.35		PASS
n41	ant2	30	90	508200	1@1	CP_QPSK	13.56	7.56		PASS
n41	sum	30	90	508200	1@1	CP_QPSK	20.29	20.57	33	PASS
n41	ant1	30	90	508200	1@243	CP_QPSK	19.04	20.14		PASS
n41	ant2	30	90	508200	1@243	CP_QPSK	13.04	7.04		PASS
n41	sum	30	90	508200	1@243	CP_QPSK	20.01	20.35	33	PASS
n41	ant1	30	90	508200	123@61	CP_QAM16	18.94	20.04		PASS
n41	ant2	30	90	508200	123@61	CP_QAM16	13.08	7.08		PASS
n41	sum	30	90	508200	123@61	CP_QAM16	19.94	20.25	33	PASS
n41	ant1	30	90	508200	1@1	CP_QAM16	19.30	20.40		PASS
n41	ant2	30	90	508200	1@1	CP_QAM16	13.51	7.51		PASS
n41	sum	30	90	508200	1@1	CP_QAM16	20.32	20.62	33	PASS
n41	ant1	30	90	508200	1@243	CP_QAM16	19.17	20.27		PASS
n41	ant2	30	90	508200	1@243	CP_QAM16	12.99	6.99		PASS
n41	sum	30	90	508200	1@243	CP_QAM16	20.11	20.47	33	PASS
n41	ant1	30	90	508200	123@61	CP_QAM64	18.48	19.58		PASS
n41	ant2	30	90	508200	123@61	CP_QAM64	12.53	6.53		PASS

n41	sum	30	90	508200	123@61	CP_QAM64	19.46	19.79	33	PASS
n41	ant1	30	90	508200	1@1	CP_QAM64	18.93	20.03		PASS
n41	ant2	30	90	508200	1@1	CP_QAM64	13.93	7.93		PASS
n41	sum	30	90	508200	1@1	CP_QAM64	20.12	20.29	33	PASS
n41	ant1	30	90	508200	1@243	CP_QAM64	18.88	19.98		PASS
n41	ant2	30	90	508200	1@243	CP_QAM64	13.14	7.14		PASS
n41	sum	30	90	508200	1@243	CP_QAM64	19.91	20.20	33	PASS
n41	ant1	30	90	508200	123@61	CP_QAM256	15.46	16.56		PASS
n41	ant2	30	90	508200	123@61	CP_QAM256	9.69	3.69		PASS
n41	sum	30	90	508200	123@61	CP_QAM256	16.48	16.78	33	PASS
n41	ant1	30	90	508200	1@1	CP_QAM256	16.11	17.21		PASS
n41	ant2	30	90	508200	1@1	CP_QAM256	10.42	4.42		PASS
n41	sum	30	90	508200	1@1	CP_QAM256	17.15	17.43	33	PASS
n41	ant1	30	90	508200	1@243	CP_QAM256	15.99	17.09		PASS
n41	ant2	30	90	508200	1@243	CP_QAM256	9.87	3.87		PASS
n41	sum	30	90	508200	1@243	CP_QAM256	16.94	17.29	33	PASS
n41	ant1	30	90	518598	123@61	CP_QPSK	18.97	20.07		PASS
n41	ant2	30	90	518598	123@61	CP_QPSK	13.11	7.11		PASS
n41	sum	30	90	518598	123@61	CP_QPSK	19.97	20.28	33	PASS
n41	ant1	30	90	518598	1@1	CP_QPSK	18.85	19.95		PASS
n41	ant2	30	90	518598	1@1	CP_QPSK	13.00	7.00		PASS
n41	sum	30	90	518598	1@1	CP_QPSK	19.85	20.16	33	PASS
n41	ant1	30	90	518598	1@243	CP_QPSK	18.75	19.85		PASS
n41	ant2	30	90	518598	1@243	CP_QPSK	13.50	7.50		PASS
n41	sum	30	90	518598	1@243	CP_QPSK	19.88	20.10	33	PASS
n41	ant1	30	90	518598	123@61	CP_QAM16	18.98	20.08		PASS
n41	ant2	30	90	518598	123@61	CP_QAM16	13.20	7.20		PASS
n41	sum	30	90	518598	123@61	CP_QAM16	20.00	20.30	33	PASS
n41	ant1	30	90	518598	1@1	CP_QAM16	19.08	20.18		PASS
n41	ant2	30	90	518598	1@1	CP_QAM16	13.17	7.17		PASS
n41	sum	30	90	518598	1@1	CP_QAM16	20.07	20.39	33	PASS
n41	ant1	30	90	518598	1@243	CP_QAM16	18.90	20.00		PASS
n41	ant2	30	90	518598	1@243	CP_QAM16	13.52	7.52		PASS
n41	sum	30	90	518598	1@243	CP_QAM16	20.01	20.24	33	PASS
n41	ant1	30	90	518598	123@61	CP_QAM64	18.49	19.59		PASS
n41	ant2	30	90	518598	123@61	CP_QAM64	12.63	6.63		PASS
n41	sum	30	90	518598	123@61	CP_QAM64	19.49	19.80	33	PASS
n41	ant1	30	90	518598	1@1	CP_QAM64	18.63	19.73		PASS
n41	ant2	30	90	518598	1@1	CP_QAM64	13.32	7.32		PASS
n41	sum	30	90	518598	1@1	CP_QAM64	19.75	19.97	33	PASS
n41	ant1	30	90	518598	1@243	CP_QAM64	18.59	19.69		PASS
n41	ant2	30	90	518598	1@243	CP_QAM64	13.45	7.45		PASS

n41	sum	30	90	518598	1@243	CP_QAM64	19.75	19.94	33	PASS
n41	ant1	30	90	518598	123@61	CP_QAM256	15.49	16.59		PASS
n41	ant2	30	90	518598	123@61	CP_QAM256	9.63	3.63		PASS
n41	sum	30	90	518598	123@61	CP_QAM256	16.49	16.80	33	PASS
n41	ant1	30	90	518598	1@1	CP_QAM256	15.79	16.89		PASS
n41	ant2	30	90	518598	1@1	CP_QAM256	9.88	3.88		PASS
n41	sum	30	90	518598	1@1	CP_QAM256	16.78	17.10	33	PASS
n41	ant1	30	90	518598	1@243	CP_QAM256	15.85	16.95		PASS
n41	ant2	30	90	518598	1@243	CP_QAM256	10.38	4.38		PASS
n41	sum	30	90	518598	1@243	CP_QAM256	16.93	17.18	33	PASS
n41	ant1	30	90	528996	123@61	CP_QPSK	18.90	20.00		PASS
n41	ant2	30	90	528996	123@61	CP_QPSK	13.82	7.82		PASS
n41	sum	30	90	528996	123@61	CP_QPSK	20.07	20.26	33	PASS
n41	ant1	30	90	528996	1@1	CP_QPSK	18.94	20.04		PASS
n41	ant2	30	90	528996	1@1	CP_QPSK	12.80	6.80		PASS
n41	sum	30	90	528996	1@1	CP_QPSK	19.89	20.24	33	PASS
n41	ant1	30	90	528996	1@243	CP_QPSK	19.05	20.15		PASS
n41	ant2	30	90	528996	1@243	CP_QPSK	13.85	7.85		PASS
n41	sum	30	90	528996	1@243	CP_QPSK	20.20	20.40	33	PASS
n41	ant1	30	90	528996	123@61	CP_QAM16	18.94	20.04		PASS
n41	ant2	30	90	528996	123@61	CP_QAM16	13.84	7.84		PASS
n41	sum	30	90	528996	123@61	CP_QAM16	20.11	20.29	33	PASS
n41	ant1	30	90	528996	1@1	CP_QAM16	18.86	19.96		PASS
n41	ant2	30	90	528996	1@1	CP_QAM16	13.14	7.14		PASS
n41	sum	30	90	528996	1@1	CP_QAM16	19.89	20.18	33	PASS
n41	ant1	30	90	528996	1@243	CP_QAM16	18.77	19.87		PASS
n41	ant2	30	90	528996	1@243	CP_QAM16	14.05	8.05		PASS
n41	sum	30	90	528996	1@243	CP_QAM16	20.03	20.15	33	PASS
n41	ant1	30	90	528996	123@61	CP_QAM64	18.43	19.53		PASS
n41	ant2	30	90	528996	123@61	CP_QAM64	13.29	7.29		PASS
n41	sum	30	90	528996	123@61	CP_QAM64	19.59	19.78	33	PASS
n41	ant1	30	90	528996	1@1	CP_QAM64	18.71	19.81		PASS
n41	ant2	30	90	528996	1@1	CP_QAM64	12.69	6.69		PASS
n41	sum	30	90	528996	1@1	CP_QAM64	19.68	20.02	33	PASS
n41	ant1	30	90	528996	1@243	CP_QAM64	18.75	19.85		PASS
n41	ant2	30	90	528996	1@243	CP_QAM64	13.61	7.61		PASS
n41	sum	30	90	528996	1@243	CP_QAM64	19.91	20.10	33	PASS
n41	ant1	30	90	528996	123@61	CP_QAM256	15.35	16.45		PASS
n41	ant2	30	90	528996	123@61	CP_QAM256	10.29	4.29		PASS
n41	sum	30	90	528996	123@61	CP_QAM256	16.53	16.71	33	PASS
n41	ant1	30	90	528996	1@1	CP_QAM256	15.80	16.90		PASS
n41	ant2	30	90	528996	1@1	CP_QAM256	9.68	3.68		PASS

n41	sum	30	90	528996	1@1	CP_QAM256	16.75	17.10	33	PASS
n41	ant1	30	90	528996	1@243	CP_QAM256	15.81	16.91		PASS
n41	ant2	30	90	528996	1@243	CP_QAM256	10.58	4.58		PASS
n41	sum	30	90	528996	1@243	CP_QAM256	16.95	17.16	33	PASS
n41	ant1	30	100	509202	137@68	CP_QPSK	19.02	20.12		PASS
n41	ant2	30	100	509202	137@68	CP_QPSK	13.06	7.06		PASS
n41	sum	30	100	509202	137@68	CP_QPSK	20.00	20.33	33	PASS
n41	ant1	30	100	509202	1@1	CP_QPSK	19.19	20.29		PASS
n41	ant2	30	100	509202	1@1	CP_QPSK	14.13	8.13		PASS
n41	sum	30	100	509202	1@1	CP_QPSK	20.37	20.55	33	PASS
n41	ant1	30	100	509202	1@271	CP_QPSK	18.95	20.05		PASS
n41	ant2	30	100	509202	1@271	CP_QPSK	13.31	7.31		PASS
n41	sum	30	100	509202	1@271	CP_QPSK	20.00	20.28	33	PASS
n41	ant1	30	100	509202	137@68	CP_QAM16	18.99	20.09		PASS
n41	ant2	30	100	509202	137@68	CP_QAM16	13.07	7.07		PASS
n41	sum	30	100	509202	137@68	CP_QAM16	19.98	20.30	33	PASS
n41	ant1	30	100	509202	1@1	CP_QAM16	18.81	19.91		PASS
n41	ant2	30	100	509202	1@1	CP_QAM16	13.79	7.79		PASS
n41	sum	30	100	509202	1@1	CP_QAM16	20.00	20.17	33	PASS
n41	ant1	30	100	509202	1@271	CP_QAM16	18.72	19.82		PASS
n41	ant2	30	100	509202	1@271	CP_QAM16	13.10	7.10		PASS
n41	sum	30	100	509202	1@271	CP_QAM16	19.77	20.05	33	PASS
n41	ant1	30	100	509202	137@68	CP_QAM64	18.49	19.59		PASS
n41	ant2	30	100	509202	137@68	CP_QAM64	12.55	6.55		PASS
n41	sum	30	100	509202	137@68	CP_QAM64	19.48	19.80	33	PASS
n41	ant1	30	100	509202	1@1	CP_QAM64	18.93	20.03		PASS
n41	ant2	30	100	509202	1@1	CP_QAM64	13.28	7.28		PASS
n41	sum	30	100	509202	1@1	CP_QAM64	19.98	20.25	33	PASS
n41	ant1	30	100	509202	1@271	CP_QAM64	18.68	19.78		PASS
n41	ant2	30	100	509202	1@271	CP_QAM64	12.90	6.90		PASS
n41	sum	30	100	509202	1@271	CP_QAM64	19.70	20.00	33	PASS
n41	ant1	30	100	509202	137@68	CP_QAM256	15.50	16.60		PASS
n41	ant2	30	100	509202	137@68	CP_QAM256	9.49	3.49		PASS
n41	sum	30	100	509202	137@68	CP_QAM256	16.47	16.81	33	PASS
n41	ant1	30	100	509202	1@1	CP_QAM256	15.77	16.87		PASS
n41	ant2	30	100	509202	1@1	CP_QAM256	10.45	4.45		PASS
n41	sum	30	100	509202	1@1	CP_QAM256	16.89	17.11	33	PASS
n41	ant1	30	100	509202	1@271	CP_QAM256	15.72	16.82		PASS
n41	ant2	30	100	509202	1@271	CP_QAM256	9.78	3.78		PASS
n41	sum	30	100	509202	1@271	CP_QAM256	16.71	17.03	33	PASS
n41	ant1	30	100	518598	137@68	CP_QPSK	18.99	20.09		PASS
n41	ant2	30	100	518598	137@68	CP_QPSK	13.08	7.08		PASS

n41	sum	30	100	518598	137@68	CP_QPSK	19.98	20.30	33	PASS
n41	ant1	30	100	518598	1@1	CP_QPSK	18.95	20.05		PASS
n41	ant2	30	100	518598	1@1	CP_QPSK	12.93	6.93		PASS
n41	sum	30	100	518598	1@1	CP_QPSK	19.92	20.26	33	PASS
n41	ant1	30	100	518598	1@271	CP_QPSK	18.99	20.09		PASS
n41	ant2	30	100	518598	1@271	CP_QPSK	13.19	7.19		PASS
n41	sum	30	100	518598	1@271	CP_QPSK	20.00	20.31	33	PASS
n41	ant1	30	100	518598	137@68	CP_QAM16	19.03	20.13		PASS
n41	ant2	30	100	518598	137@68	CP_QAM16	13.12	7.12		PASS
n41	sum	30	100	518598	137@68	CP_QAM16	20.02	20.34	33	PASS
n41	ant1	30	100	518598	1@1	CP_QAM16	18.87	19.97		PASS
n41	ant2	30	100	518598	1@1	CP_QAM16	12.83	6.83		PASS
n41	sum	30	100	518598	1@1	CP_QAM16	19.84	20.18	33	PASS
n41	ant1	30	100	518598	1@271	CP_QAM16	19.12	20.22		PASS
n41	ant2	30	100	518598	1@271	CP_QAM16	13.55	7.55		PASS
n41	sum	30	100	518598	1@271	CP_QAM16	20.18	20.45	33	PASS
n41	ant1	30	100	518598	137@68	CP_QAM64	18.53	19.63		PASS
n41	ant2	30	100	518598	137@68	CP_QAM64	12.63	6.63		PASS
n41	sum	30	100	518598	137@68	CP_QAM64	19.52	19.84	33	PASS
n41	ant1	30	100	518598	1@1	CP_QAM64	18.97	20.07		PASS
n41	ant2	30	100	518598	1@1	CP_QAM64	12.60	6.60		PASS
n41	sum	30	100	518598	1@1	CP_QAM64	19.87	20.26	33	PASS
n41	ant1	30	100	518598	1@271	CP_QAM64	19.01	20.11		PASS
n41	ant2	30	100	518598	1@271	CP_QAM64	12.78	6.78		PASS
n41	sum	30	100	518598	1@271	CP_QAM64	19.94	20.31	33	PASS
n41	ant1	30	100	518598	137@68	CP_QAM256	15.52	16.62		PASS
n41	ant2	30	100	518598	137@68	CP_QAM256	9.77	3.77		PASS
n41	sum	30	100	518598	137@68	CP_QAM256	16.54	16.84	33	PASS
n41	ant1	30	100	518598	1@1	CP_QAM256	15.72	16.82		PASS
n41	ant2	30	100	518598	1@1	CP_QAM256	9.74	3.74		PASS
n41	sum	30	100	518598	1@1	CP_QAM256	16.70	17.03	33	PASS
n41	ant1	30	100	518598	1@271	CP_QAM256	15.84	16.94		PASS
n41	ant2	30	100	518598	1@271	CP_QAM256	10.23	4.23		PASS
n41	sum	30	100	518598	1@271	CP_QAM256	16.89	17.17	33	PASS
n41	ant1	30	100	528000	137@68	CP_QPSK	19.02	20.12		PASS
n41	ant2	30	100	528000	137@68	CP_QPSK	13.70	7.70		PASS
n41	sum	30	100	528000	137@68	CP_QPSK	20.14	20.36	33	PASS
n41	ant1	30	100	528000	1@1	CP_QPSK	19.00	20.10		PASS
n41	ant2	30	100	528000	1@1	CP_QPSK	13.15	7.15		PASS
n41	sum	30	100	528000	1@1	CP_QPSK	20.00	20.31	33	PASS
n41	ant1	30	100	528000	1@271	CP_QPSK	19.19	20.29		PASS
n41	ant2	30	100	528000	1@271	CP_QPSK	14.35	8.35		PASS

n41	sum	30	100	528000	1@271	CP_QPSK	20.42	20.56	33	PASS
n41	ant1	30	100	528000	137@68	CP_QAM16	19.03	20.13		PASS
n41	ant2	30	100	528000	137@68	CP_QAM16	13.82	7.82		PASS
n41	sum	30	100	528000	137@68	CP_QAM16	20.17	20.38	33	PASS
n41	ant1	30	100	528000	1@1	CP_QAM16	18.78	19.88		PASS
n41	ant2	30	100	528000	1@1	CP_QAM16	13.21	7.21		PASS
n41	sum	30	100	528000	1@1	CP_QAM16	19.84	20.11	33	PASS
n41	ant1	30	100	528000	1@271	CP_QAM16	18.74	19.84		PASS
n41	ant2	30	100	528000	1@271	CP_QAM16	13.96	7.96		PASS
n41	sum	30	100	528000	1@271	CP_QAM16	19.99	20.11	33	PASS
n41	ant1	30	100	528000	137@68	CP_QAM64	18.51	19.61		PASS
n41	ant2	30	100	528000	137@68	CP_QAM64	13.32	7.32		PASS
n41	sum	30	100	528000	137@68	CP_QAM64	19.66	19.86	33	PASS
n41	ant1	30	100	528000	1@1	CP_QAM64	18.64	19.74		PASS
n41	ant2	30	100	528000	1@1	CP_QAM64	13.35	7.35		PASS
n41	sum	30	100	528000	1@1	CP_QAM64	19.77	19.98	33	PASS
n41	ant1	30	100	528000	1@271	CP_QAM64	18.71	19.81		PASS
n41	ant2	30	100	528000	1@271	CP_QAM64	13.43	7.43		PASS
n41	sum	30	100	528000	1@271	CP_QAM64	19.84	20.05	33	PASS
n41	ant1	30	100	528000	137@68	CP_QAM256	15.40	16.50		PASS
n41	ant2	30	100	528000	137@68	CP_QAM256	10.29	4.29		PASS
n41	sum	30	100	528000	137@68	CP_QAM256	16.57	16.75	33	PASS
n41	ant1	30	100	528000	1@1	CP_QAM256	15.86	16.96		PASS
n41	ant2	30	100	528000	1@1	CP_QAM256	9.84	3.84		PASS
n41	sum	30	100	528000	1@1	CP_QAM256	16.83	17.17	33	PASS
n41	ant1	30	100	528000	1@271	CP_QAM256	15.70	16.80		PASS
n41	ant2	30	100	528000	1@271	CP_QAM256	10.65	4.65		PASS
n41	sum	30	100	528000	1@271	CP_QAM256	16.88	17.06	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	-20.78	0.00	-2.5	2.5	PASS
n41	ant2	30	100	518598	137@68	CP_QPSK	-21.30	-0.01	-2.5	2.5	PASS
n41	ant1	30	100	518598	1@1	CP_QPSK	-27.62	-0.01	-2.5	2.5	PASS
n41	ant2	30	100	518598	1@1	CP_QPSK	-27.38	-0.01	-2.5	2.5	PASS
n41	ant1	30	100	518598	1@271	CP_QPSK	-26.27	-0.01	-2.5	2.5	PASS
n41	ant2	30	100	518598	1@271	CP_QPSK	-22.32	-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
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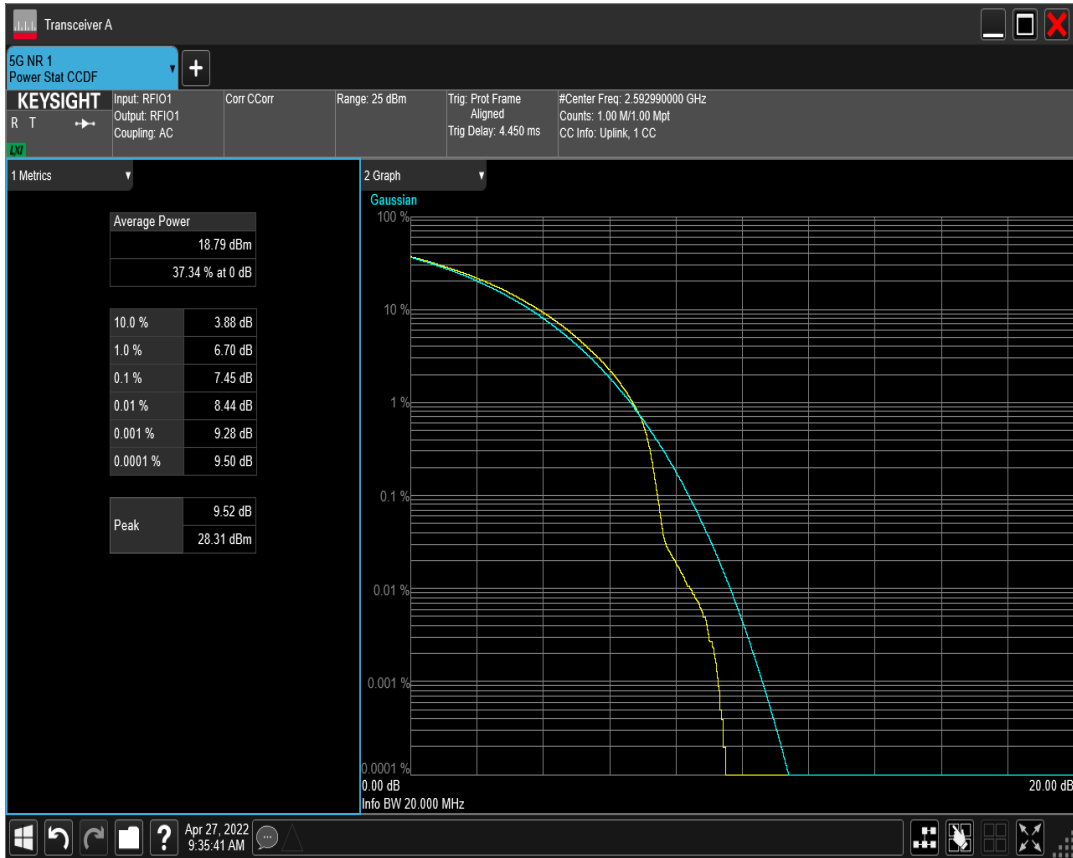
Tel: +86-755-23118282, Fax: +86-755-23116366

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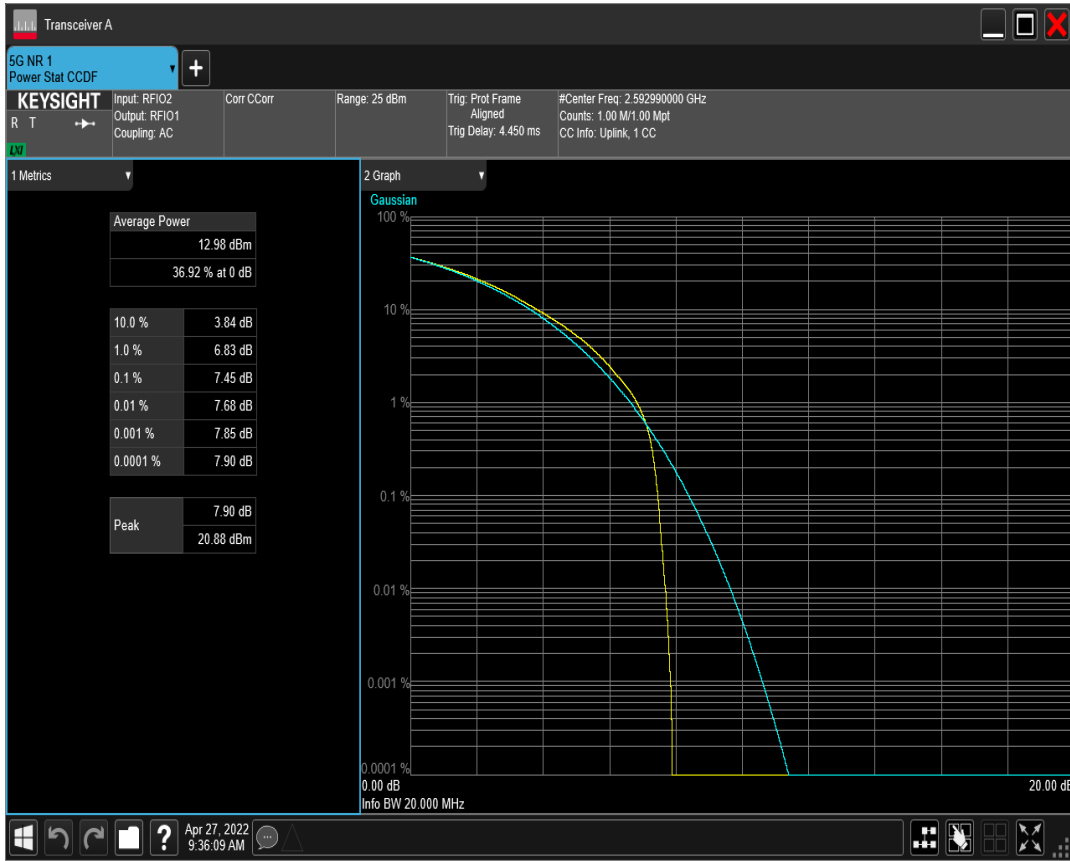
		(kHz)	(MHz)		Allocation			(dB)	
n41	ant1	30	20	518598	51@0	CP_QPSK	7.45	13	PASS
n41	ant2	30	20	518598	51@0	CP_QPSK	7.45	13	PASS
n41	ant1	30	20	518598	51@0	CP_QAM16	8.82	13	PASS
n41	ant2	30	20	518598	51@0	CP_QAM16	7.55	13	PASS
n41	ant1	30	20	518598	51@0	CP_QAM64	7.98	13	PASS
n41	ant2	30	20	518598	51@0	CP_QAM64	8.05	13	PASS
n41	ant1	30	20	518598	51@0	CP_QAM256	8.87	13	PASS
n41	ant2	30	20	518598	51@0	CP_QAM256	8.67	13	PASS
n41	ant1	30	30	518598	78@0	CP_QPSK	7.44	13	PASS
n41	ant2	30	30	518598	78@0	CP_QPSK	7.41	13	PASS
n41	ant1	30	30	518598	78@0	CP_QAM16	7.44	13	PASS
n41	ant2	30	30	518598	78@0	CP_QAM16	7.47	13	PASS
n41	ant1	30	30	518598	78@0	CP_QAM64	8.07	13	PASS
n41	ant2	30	30	518598	78@0	CP_QAM64	7.99	13	PASS
n41	ant1	30	30	518598	78@0	CP_QAM256	8.65	13	PASS
n41	ant2	30	30	518598	78@0	CP_QAM256	8.74	13	PASS
n41	ant1	30	40	518598	106@0	CP_QPSK	7.53	13	PASS
n41	ant2	30	40	518598	106@0	CP_QPSK	8.21	13	PASS
n41	ant1	30	40	518598	106@0	CP_QAM16	7.63	13	PASS
n41	ant2	30	40	518598	106@0	CP_QAM16	8.37	13	PASS
n41	ant1	30	40	518598	106@0	CP_QAM64	7.37	13	PASS
n41	ant2	30	40	518598	106@0	CP_QAM64	7.76	13	PASS
n41	ant1	30	40	518598	106@0	CP_QAM256	8.46	13	PASS
n41	ant2	30	40	518598	106@0	CP_QAM256	8.82	13	PASS
n41	ant1	30	50	518598	133@0	CP_QPSK	7.81	13	PASS
n41	ant2	30	50	518598	133@0	CP_QPSK	7.49	13	PASS
n41	ant1	30	50	518598	133@0	CP_QAM16	7.80	13	PASS
n41	ant2	30	50	518598	133@0	CP_QAM16	7.49	13	PASS
n41	ant1	30	50	518598	133@0	CP_QAM64	7.83	13	PASS
n41	ant2	30	50	518598	133@0	CP_QAM64	8.07	13	PASS
n41	ant1	30	50	518598	133@0	CP_QAM256	8.53	13	PASS
n41	ant2	30	50	518598	133@0	CP_QAM256	8.70	13	PASS
n41	ant1	30	60	518598	162@0	CP_QPSK	7.80	13	PASS
n41	ant2	30	60	518598	162@0	CP_QPSK	7.67	13	PASS
n41	ant1	30	60	518598	162@0	CP_QAM16	7.77	13	PASS
n41	ant2	30	60	518598	162@0	CP_QAM16	7.68	13	PASS
n41	ant1	30	60	518598	162@0	CP_QAM64	7.72	13	PASS
n41	ant2	30	60	518598	162@0	CP_QAM64	8.15	13	PASS
n41	ant1	30	60	518598	162@0	CP_QAM256	8.59	13	PASS
n41	ant2	30	60	518598	162@0	CP_QAM256	8.70	13	PASS
n41	ant1	30	80	518598	217@0	CP_QPSK	7.85	13	PASS

n41	ant2	30	80	518598	217@0	CP_QPSK	7.69	13	PASS
n41	ant1	30	80	518598	217@0	CP_QAM16	7.89	13	PASS
n41	ant2	30	80	518598	217@0	CP_QAM16	7.71	13	PASS
n41	ant1	30	80	518598	217@0	CP_QAM64	7.70	13	PASS
n41	ant2	30	80	518598	217@0	CP_QAM64	8.20	13	PASS
n41	ant1	30	80	518598	217@0	CP_QAM256	8.79	13	PASS
n41	ant2	30	80	518598	217@0	CP_QAM256	8.72	13	PASS
n41	ant1	30	90	518598	245@0	CP_QPSK	7.92	13	PASS
n41	ant2	30	90	518598	245@0	CP_QPSK	7.85	13	PASS
n41	ant1	30	90	518598	245@0	CP_QAM16	7.92	13	PASS
n41	ant2	30	90	518598	245@0	CP_QAM16	7.83	13	PASS
n41	ant1	30	90	518598	245@0	CP_QAM64	7.84	13	PASS
n41	ant2	30	90	518598	245@0	CP_QAM64	8.28	13	PASS
n41	ant1	30	90	518598	245@0	CP_QAM256	8.60	13	PASS
n41	ant2	30	90	518598	245@0	CP_QAM256	8.76	13	PASS
n41	ant1	30	100	518598	273@0	CP_QPSK	7.61	13	PASS
n41	ant2	30	100	518598	273@0	CP_QPSK	7.62	13	PASS
n41	ant1	30	100	518598	273@0	CP_QAM16	7.65	13	PASS
n41	ant2	30	100	518598	273@0	CP_QAM16	7.66	13	PASS
n41	ant1	30	100	518598	273@0	CP_QAM64	7.52	13	PASS
n41	ant2	30	100	518598	273@0	CP_QAM64	8.09	13	PASS
n41	ant1	30	100	518598	273@0	CP_QAM256	8.59	13	PASS
n41	ant2	30	100	518598	273@0	CP_QAM256	8.69	13	PASS

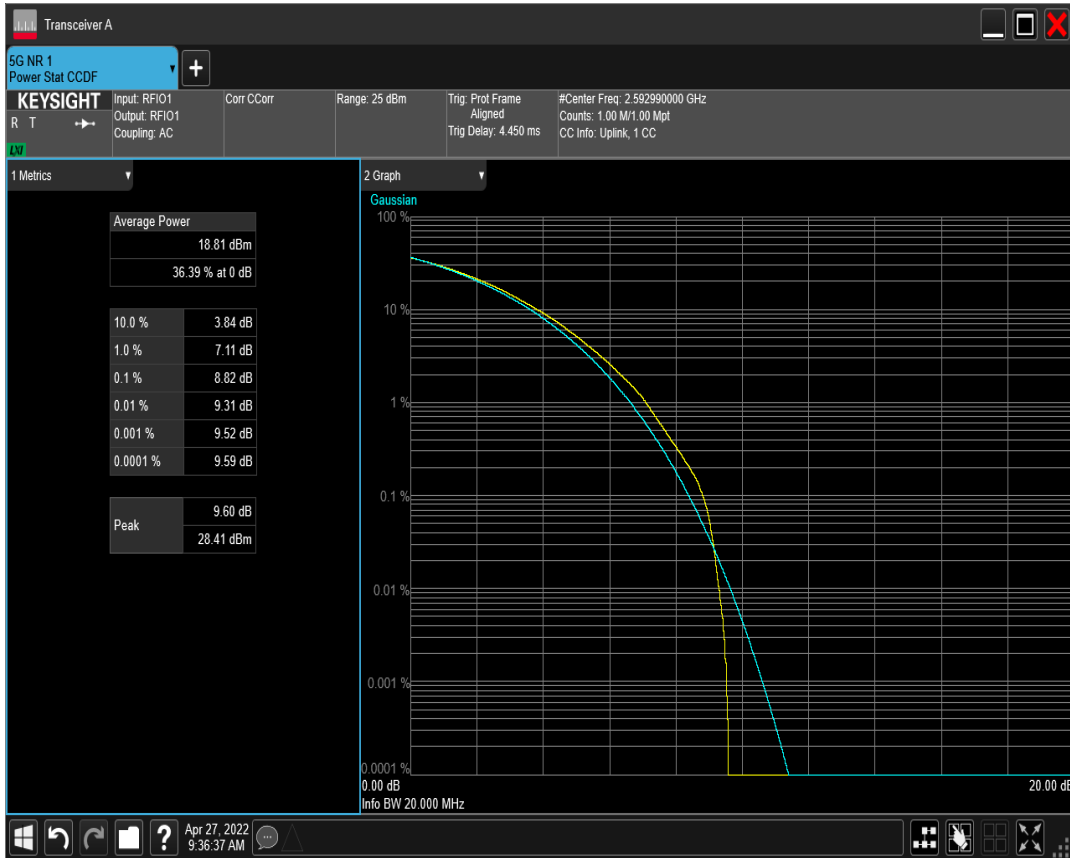
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant1



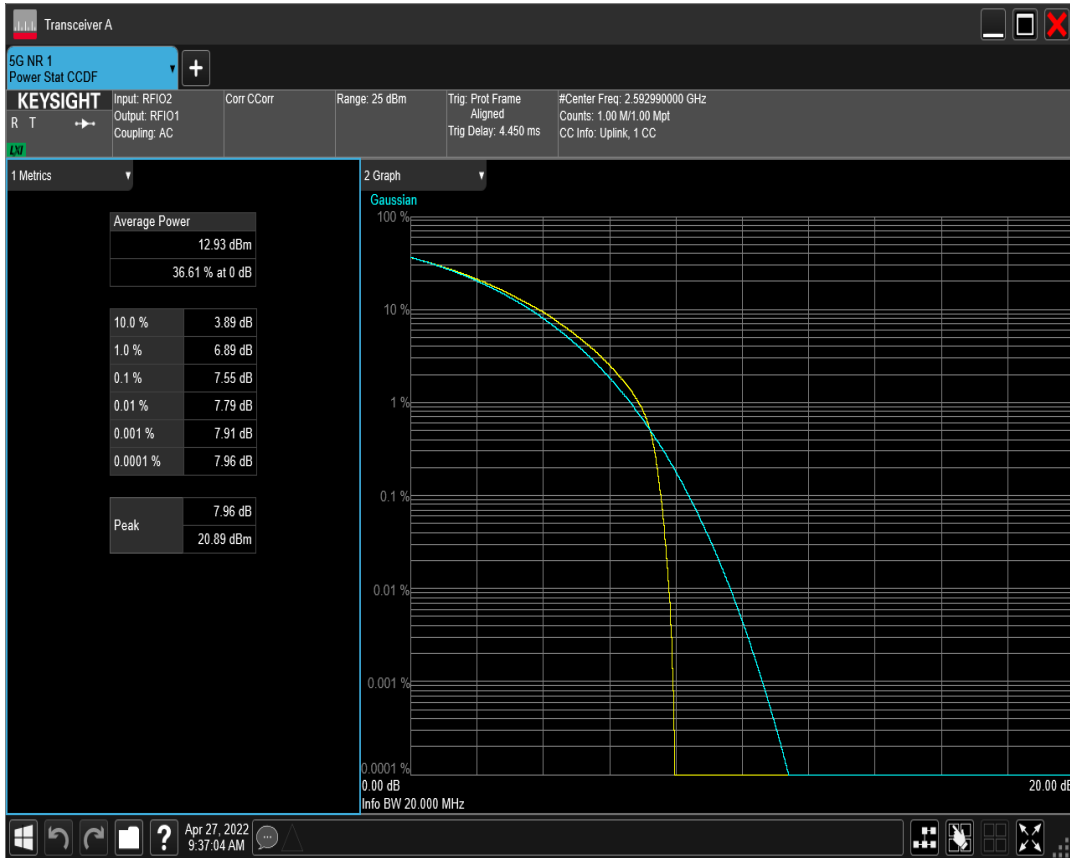
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51 @0 ant2



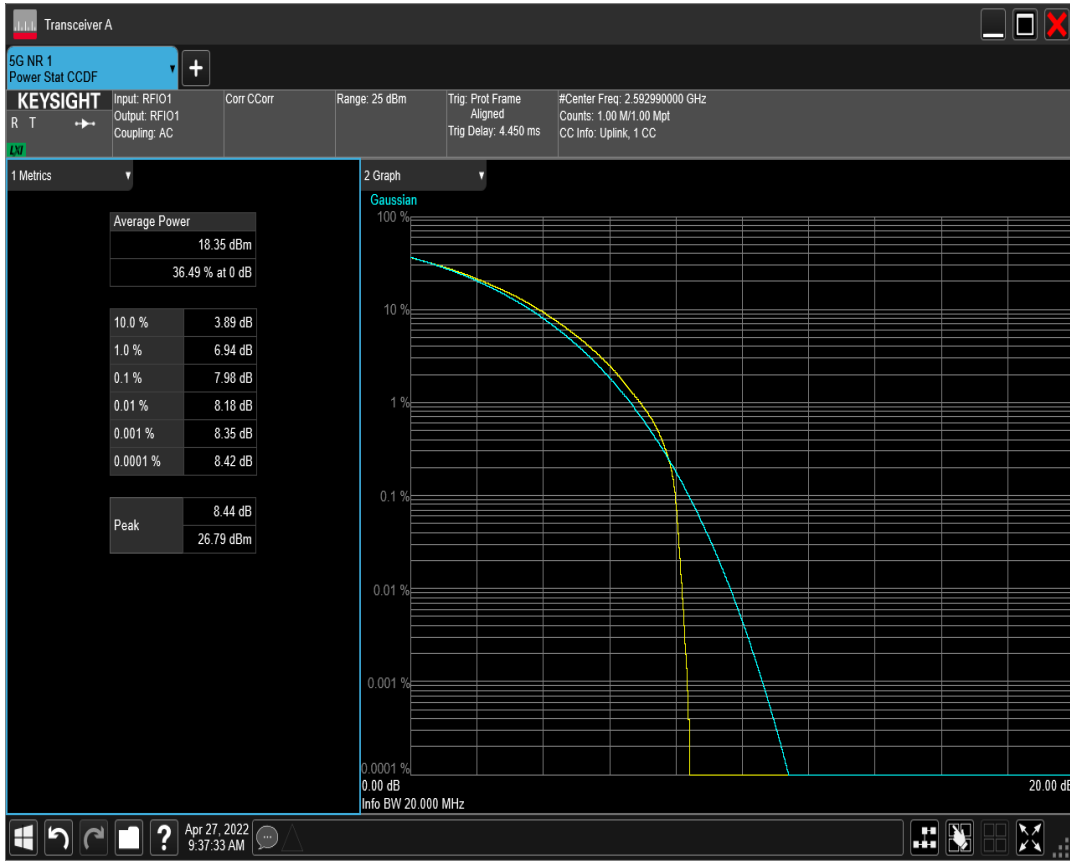
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=518598 RB=51 @0 ant1



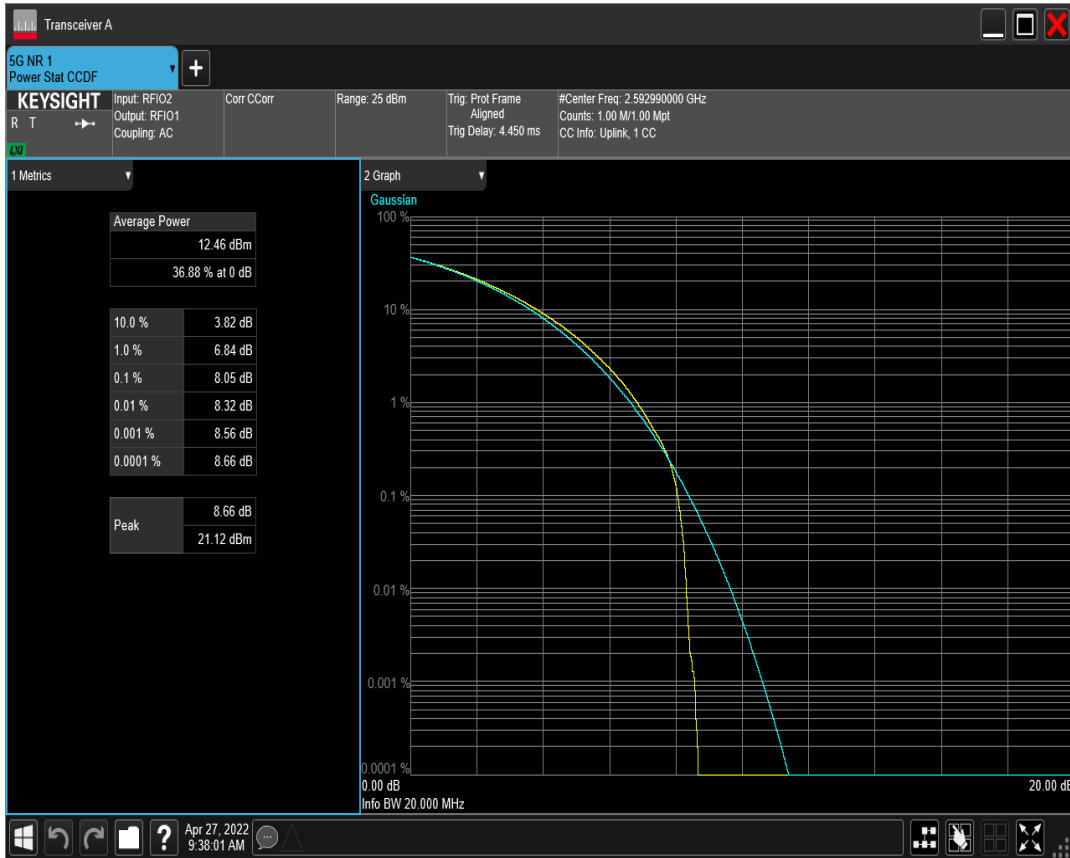
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=518598 RB=51 @0 ant2



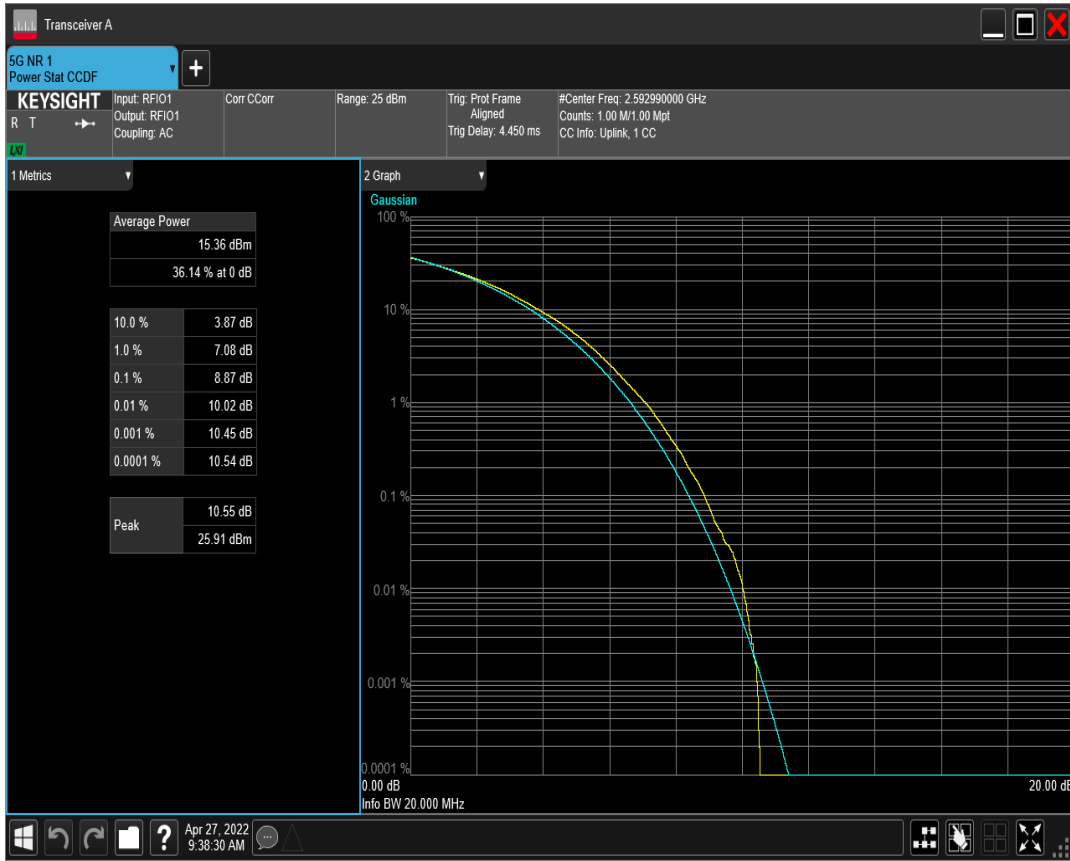
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=518598 RB=51 @0 ant1



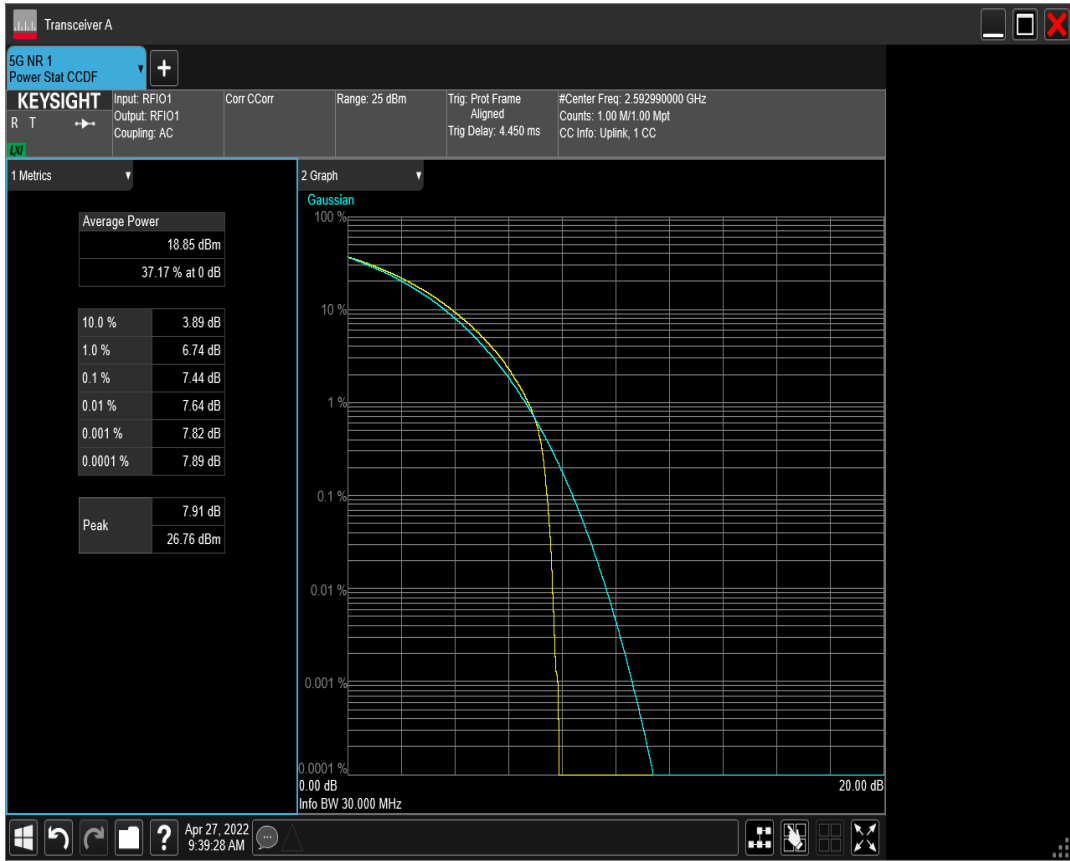
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=518598 RB=51 @0 ant2



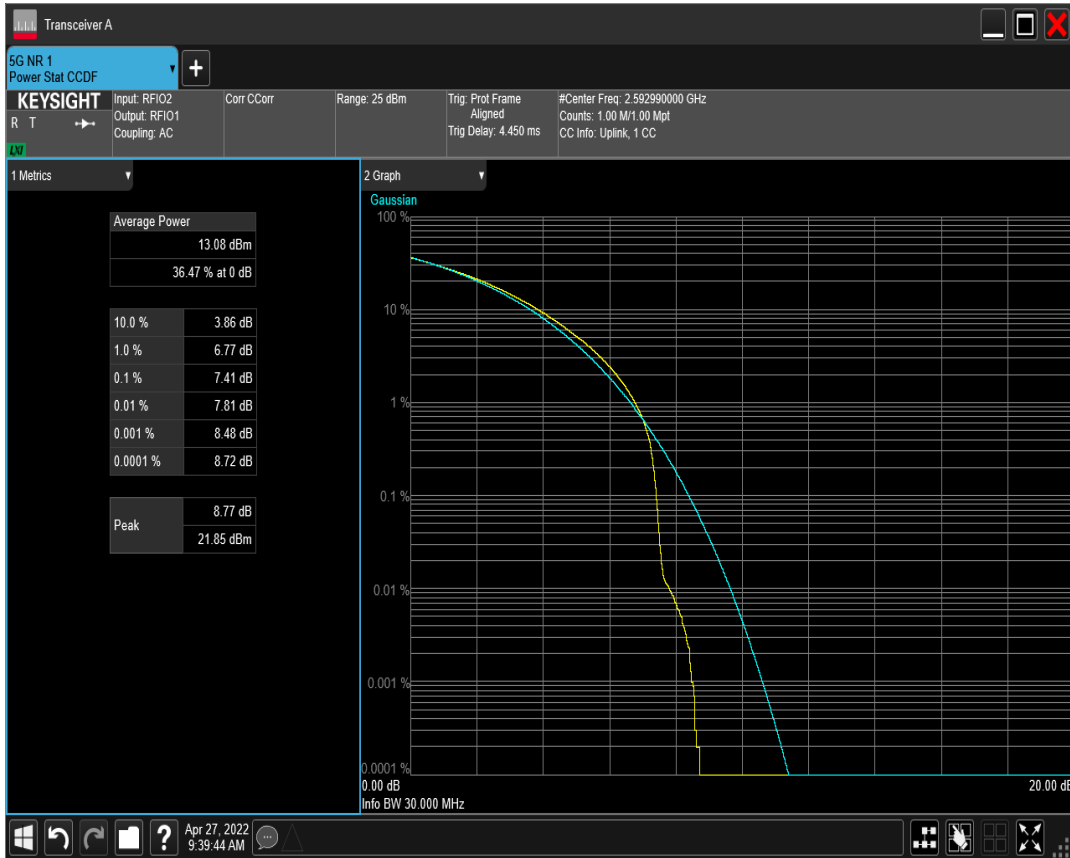
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=518598 RB=51 @0 ant1



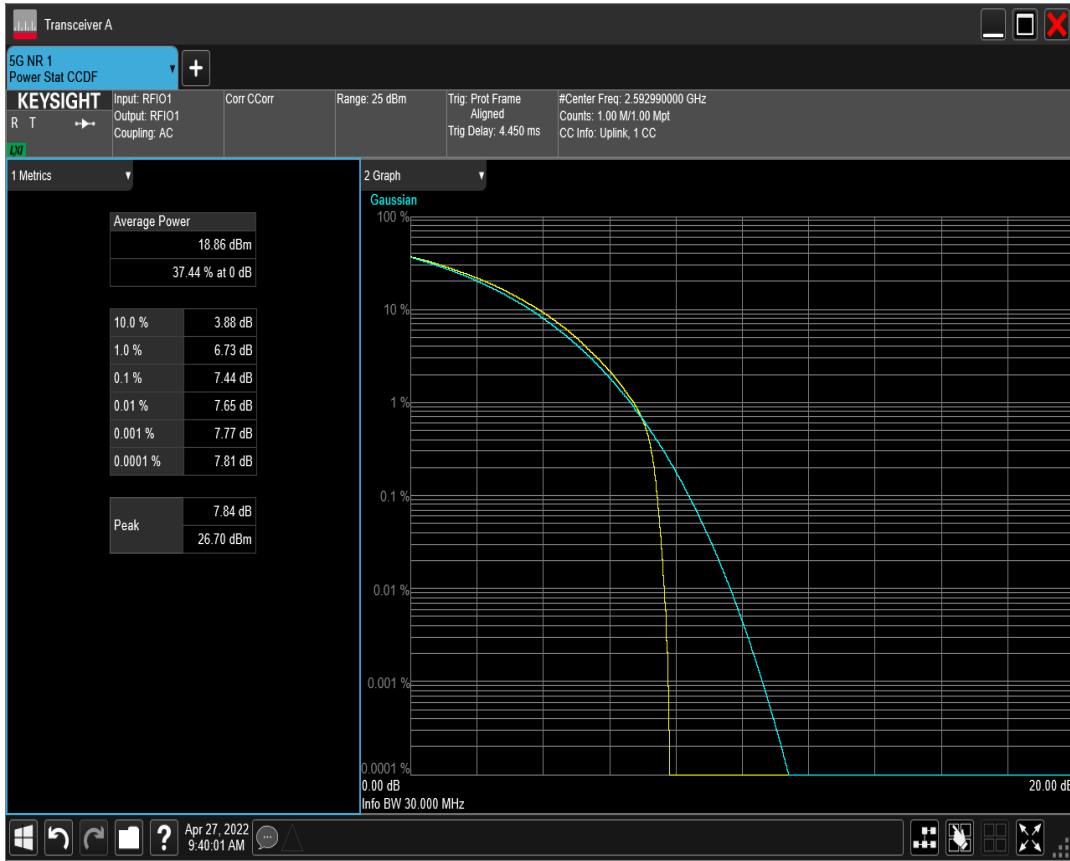
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=518598 RB=51 @0 ant2



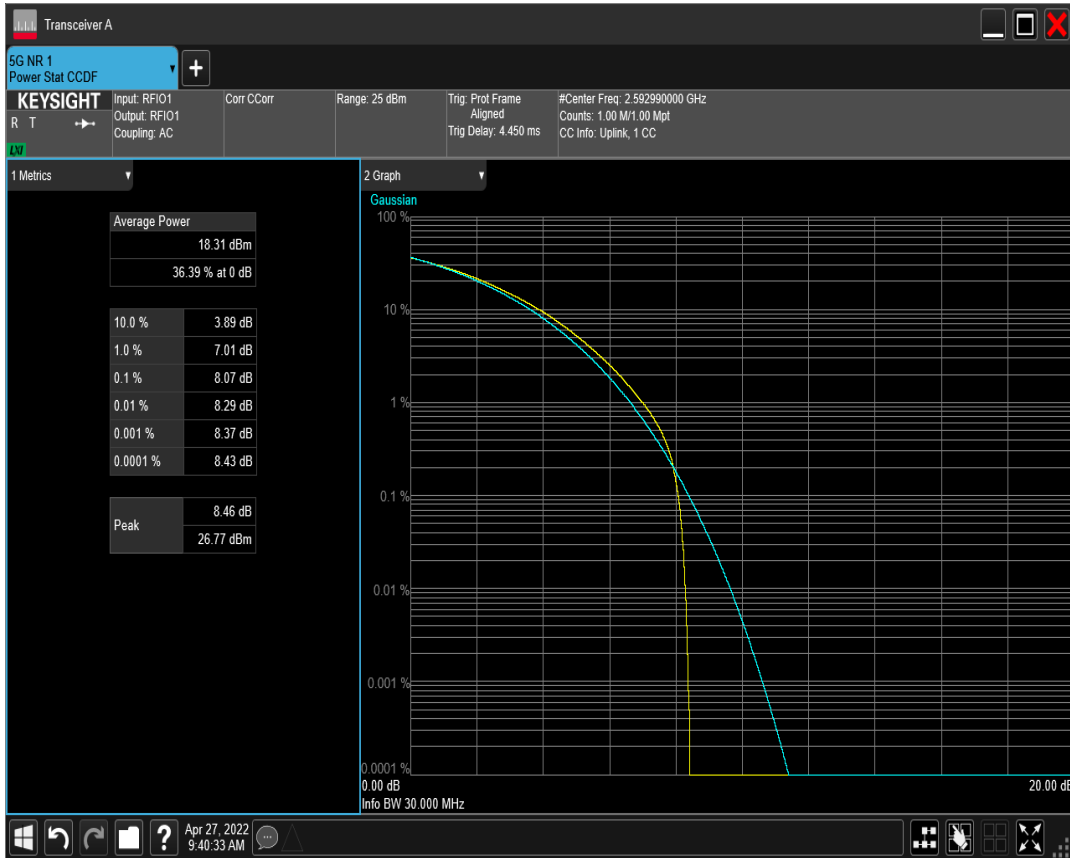
n41 SCS=30kHz CP_QPSK BW=30MHz Channel=518598 RB=78@0 ant2



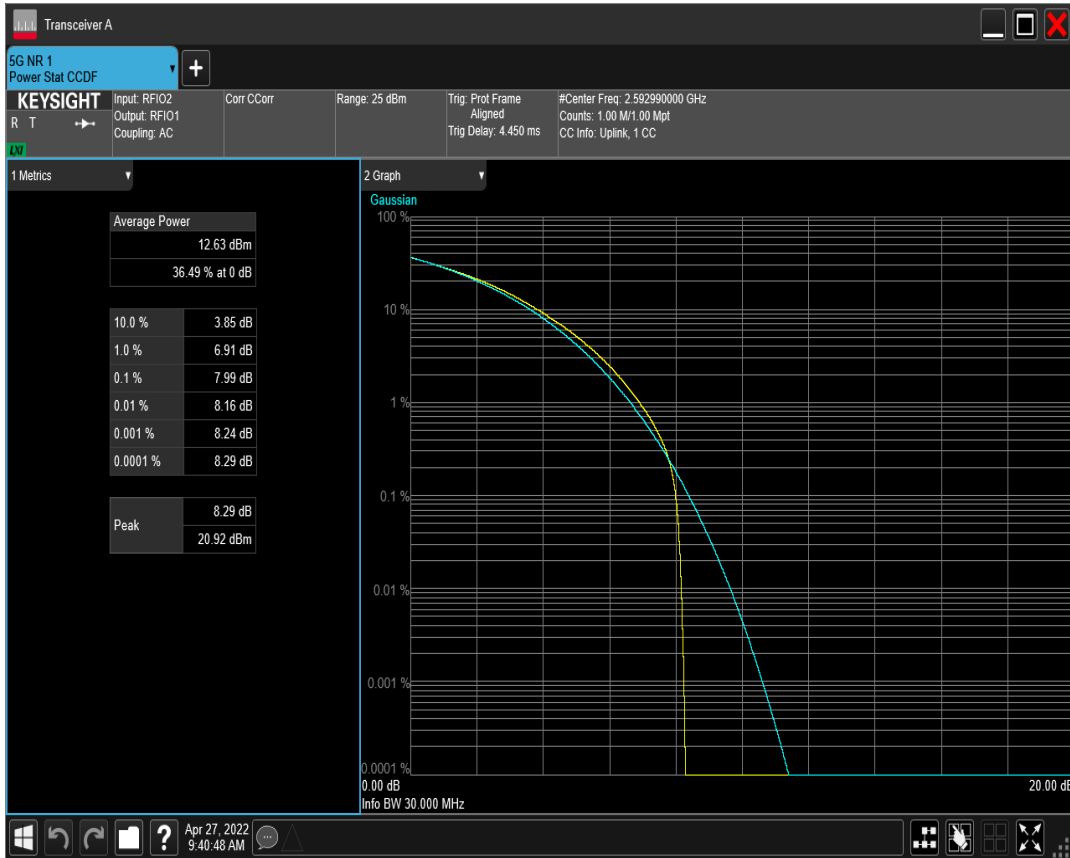
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=518598 RB=78@0 ant1



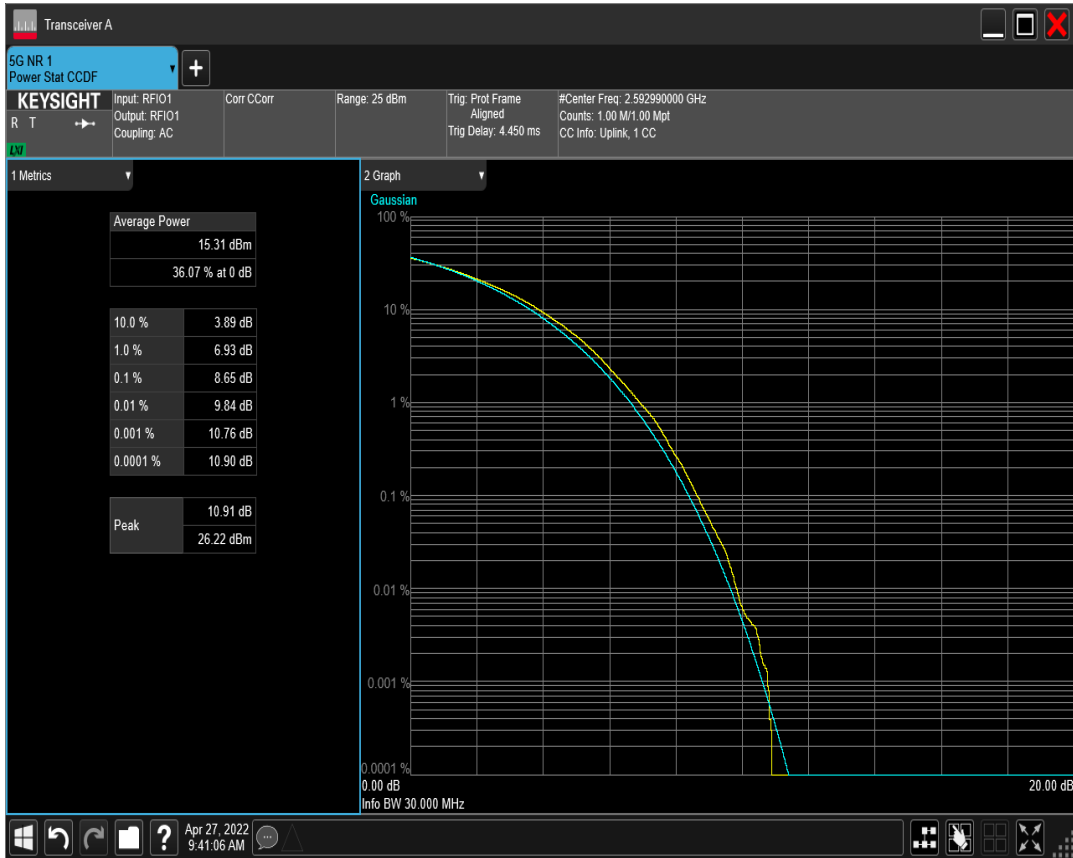
n41 SCS=30kHz CP_QAM16 BW=30MHz Channel=518598 RB=78@0 ant2



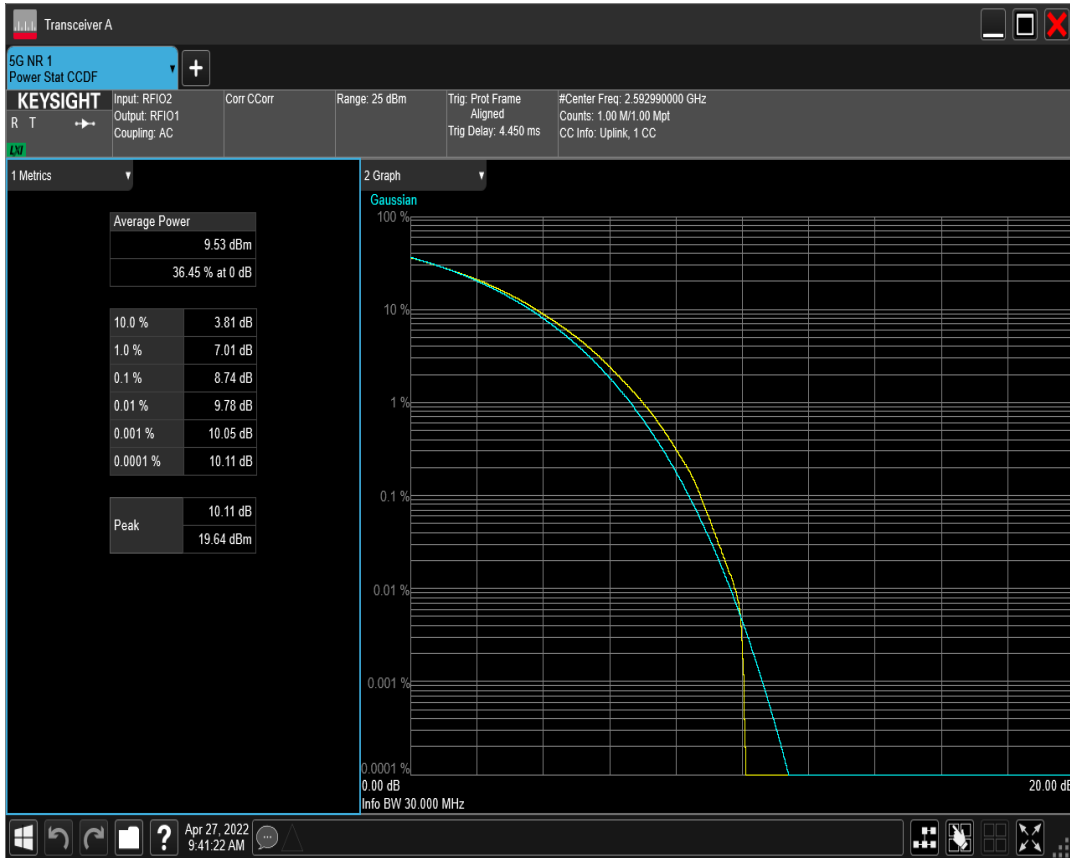
n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=518598 RB=78@0 ant2



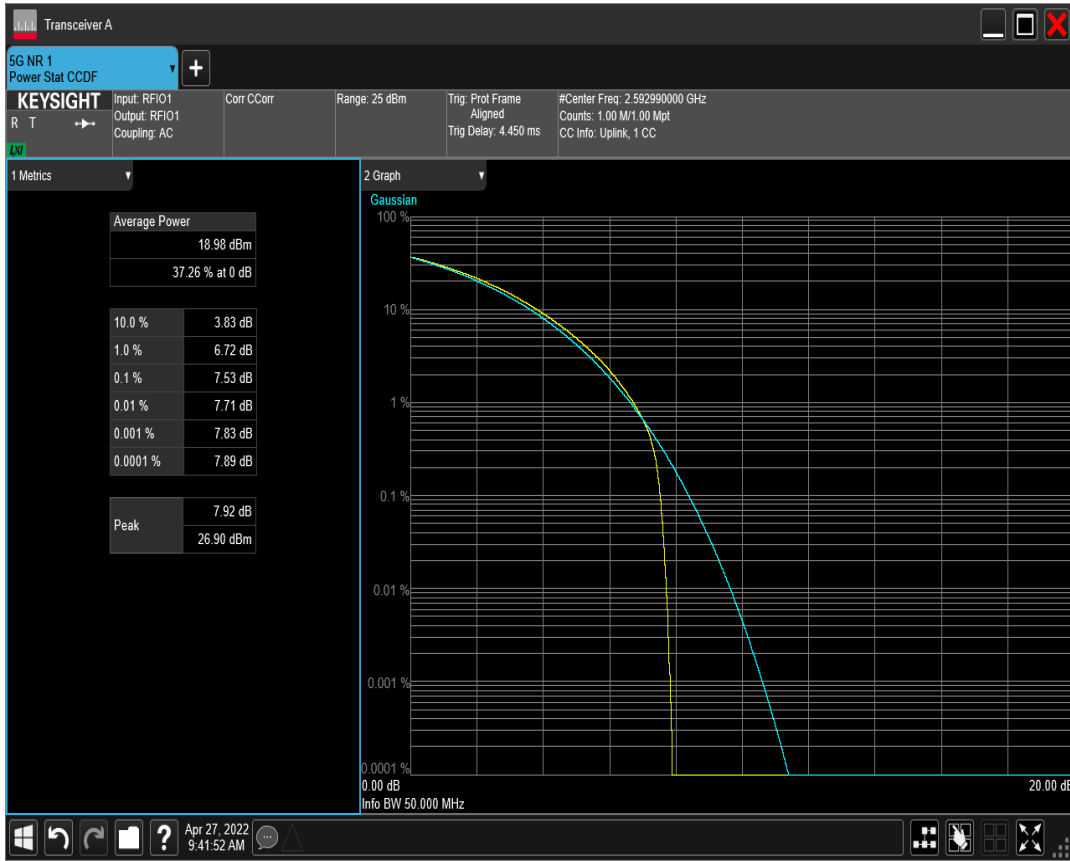
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=518598 RB=78@0 ant1



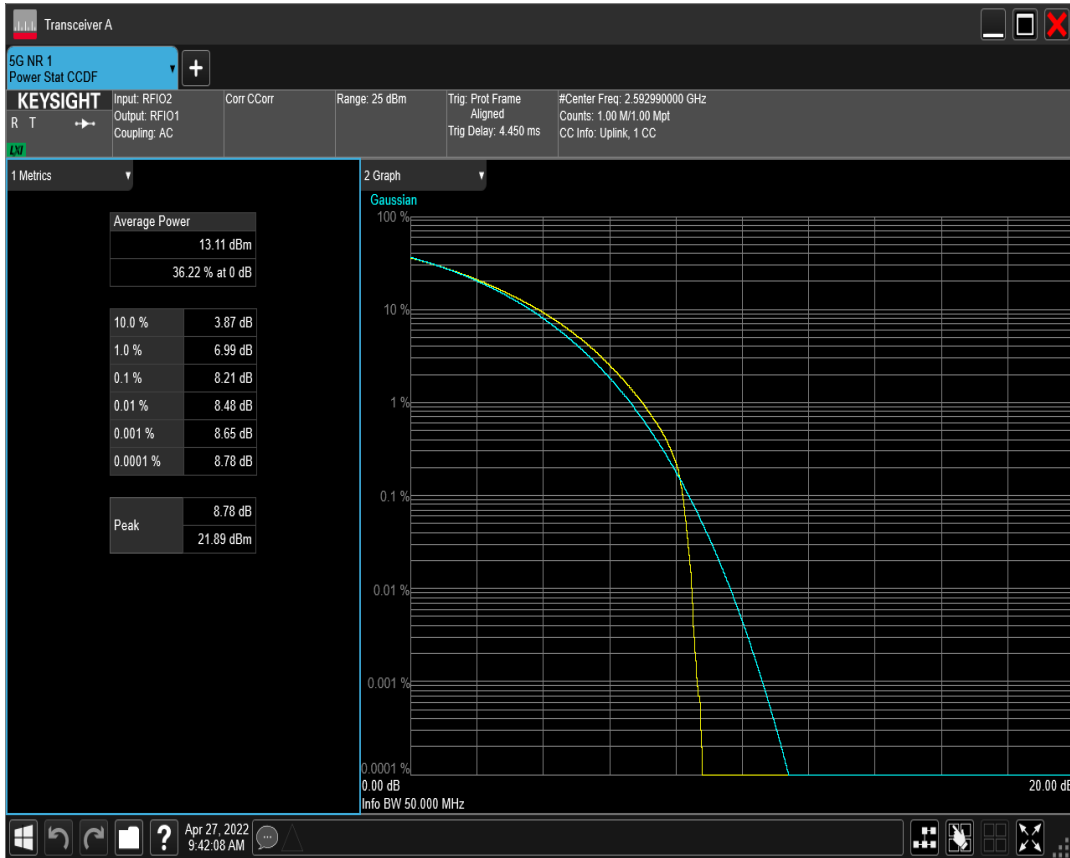
n41 SCS=30kHz CP_QAM256 BW=30MHz Channel=518598 RB=78@0 ant2



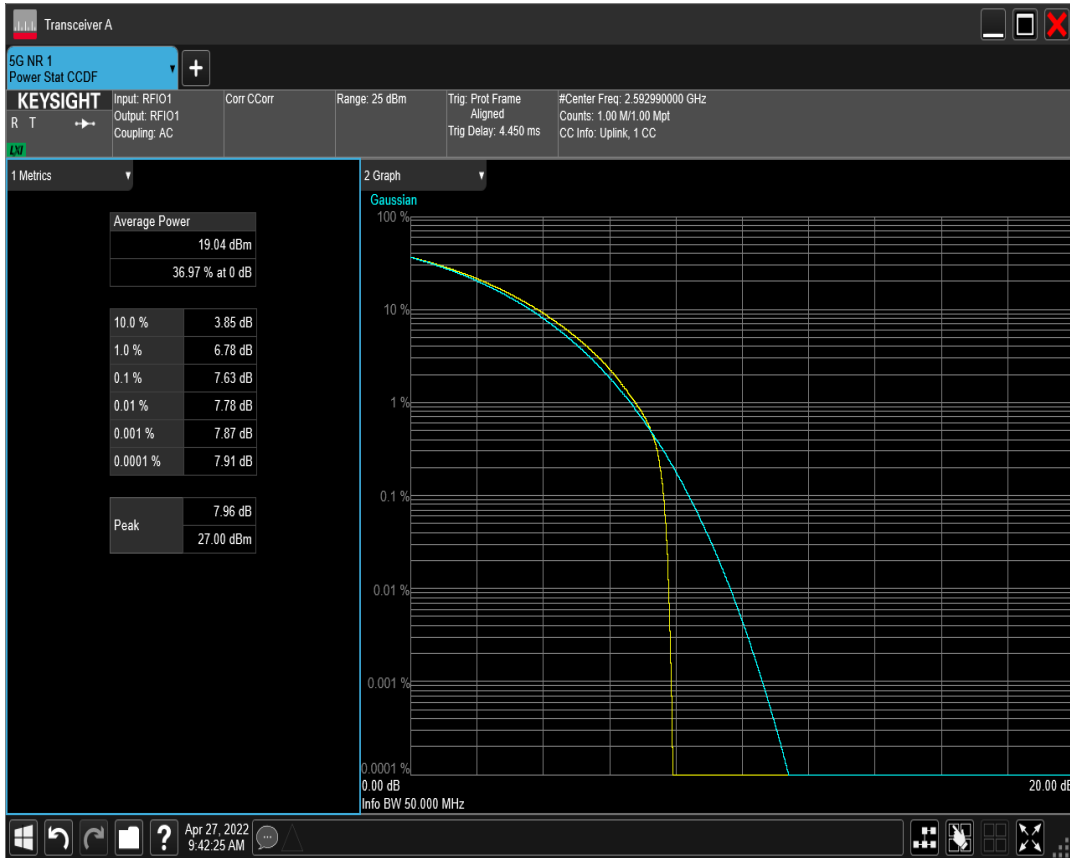
n41 SCS=30kHz CP_QPSK BW=40MHz Channel=518598 RB=106@0 ant1



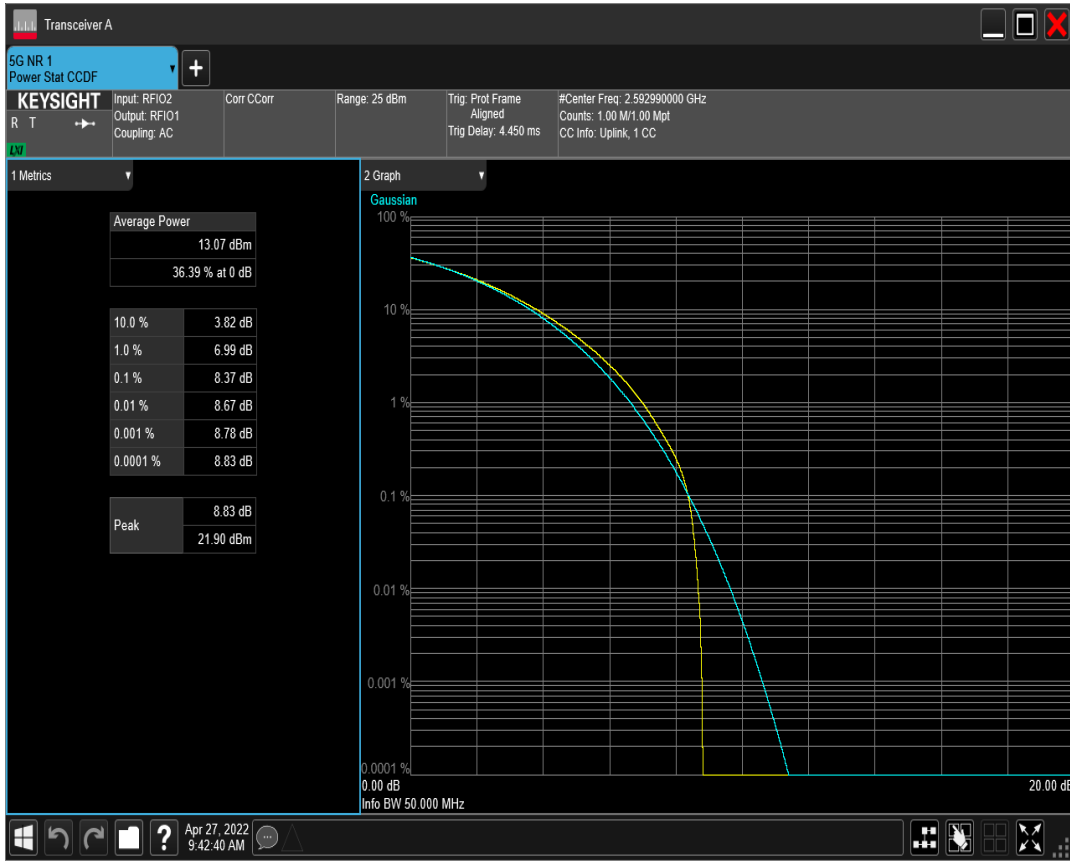
n41 SCS=30kHz CP_QPSK BW=40MHz Channel=518598 RB=106@0 ant2



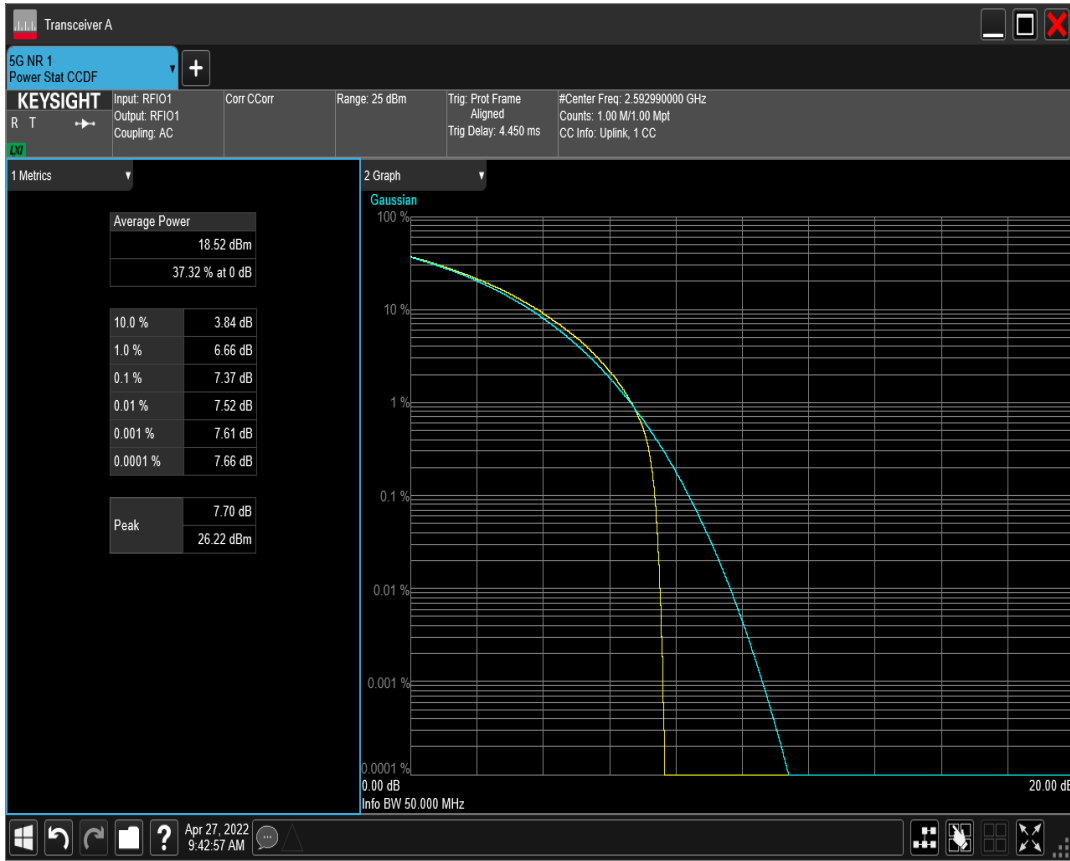
n41 SCS=30kHz CP_QAM16 BW=40MHz Channel=518598 RB=106@0 ant1



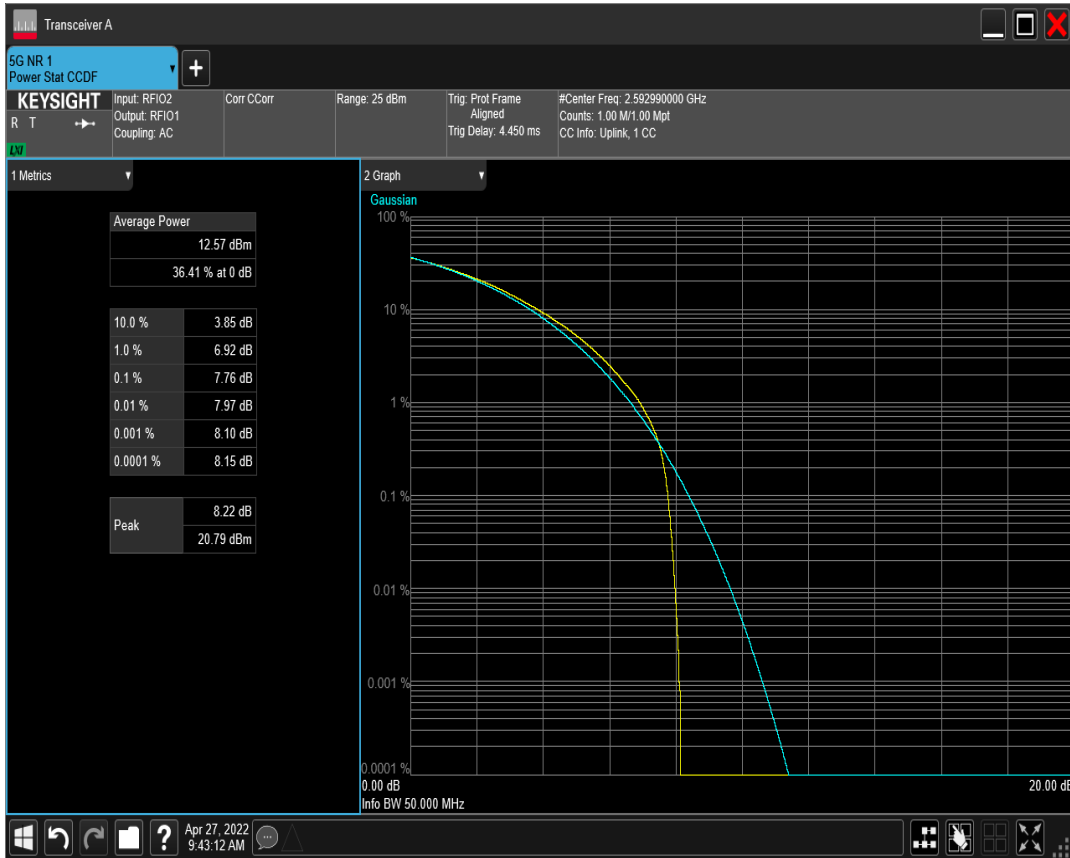
n41 SCS=30kHz CP_QAM16 BW=40MHz Channel=518598 RB=106@0 ant2



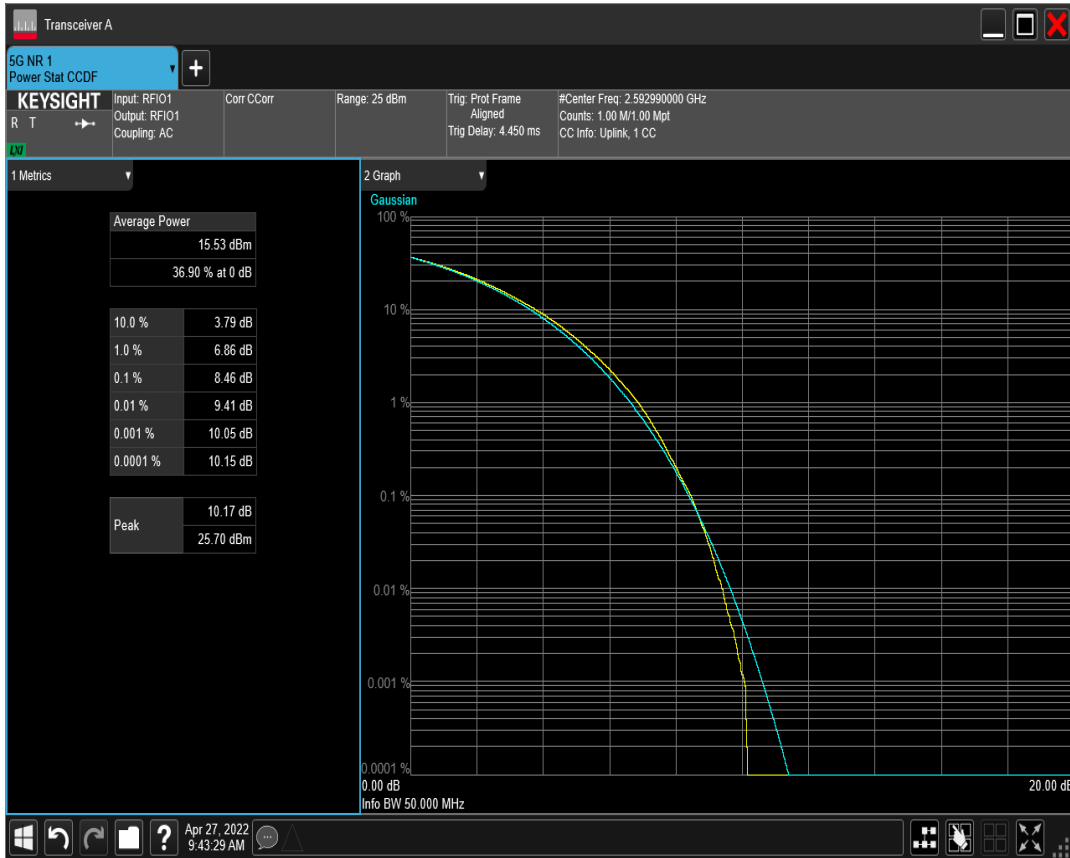
n41 SCS=30kHz CP_QAM64 BW=40MHz Channel=518598 RB=106@0 ant1



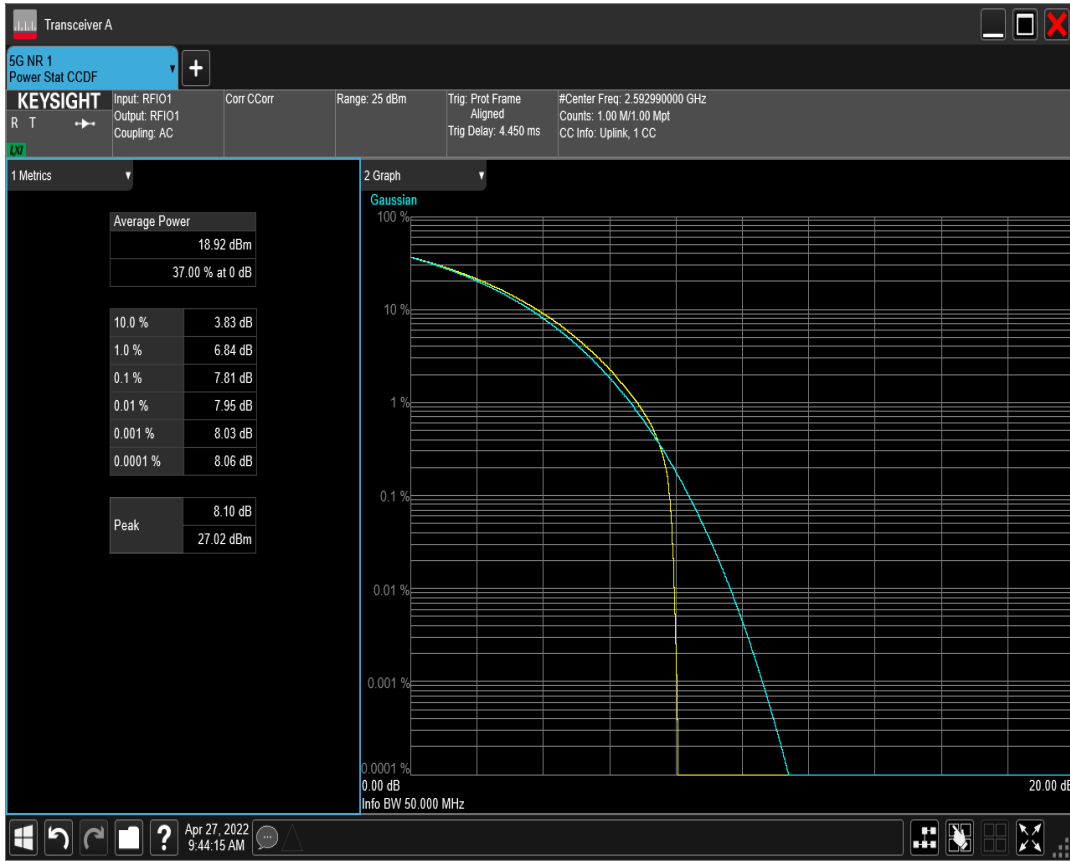
n41 SCS=30kHz CP_QAM64 BW=40MHz Channel=518598 RB=106@0 ant2



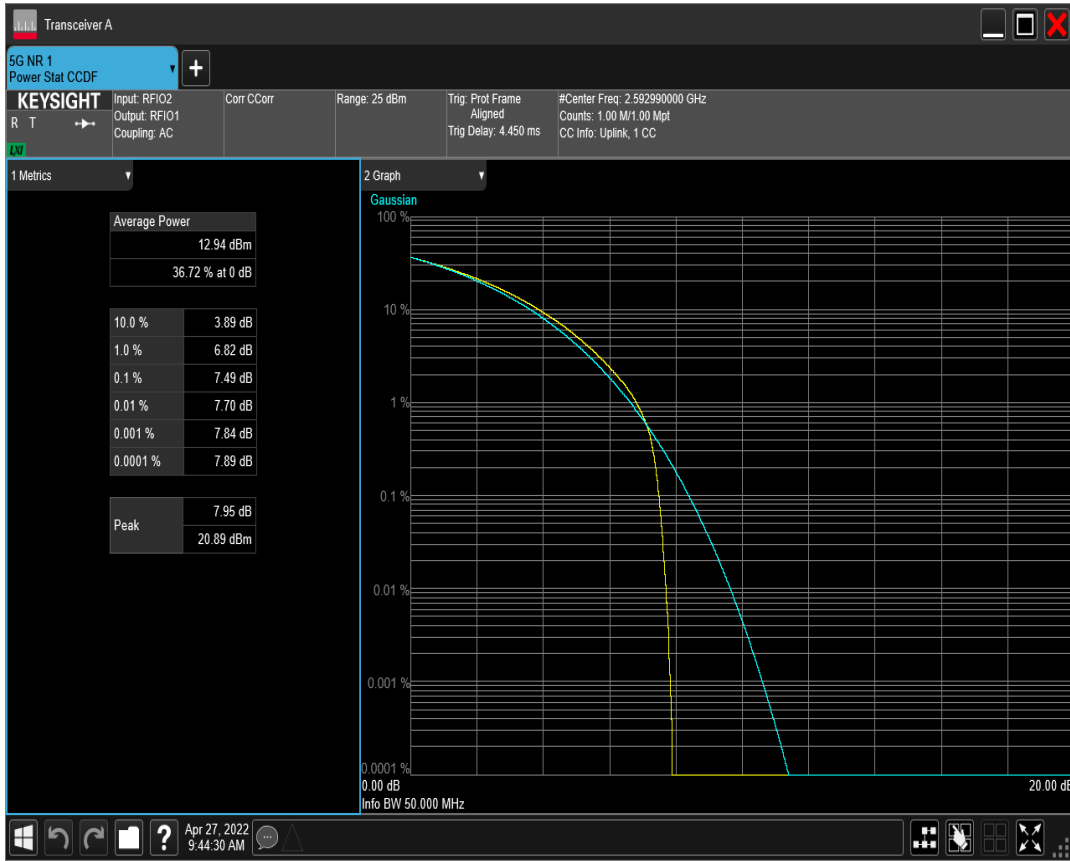
n41 SCS=30kHz CP_QAM256 BW=40MHz Channel=518598 RB=106@0 ant1



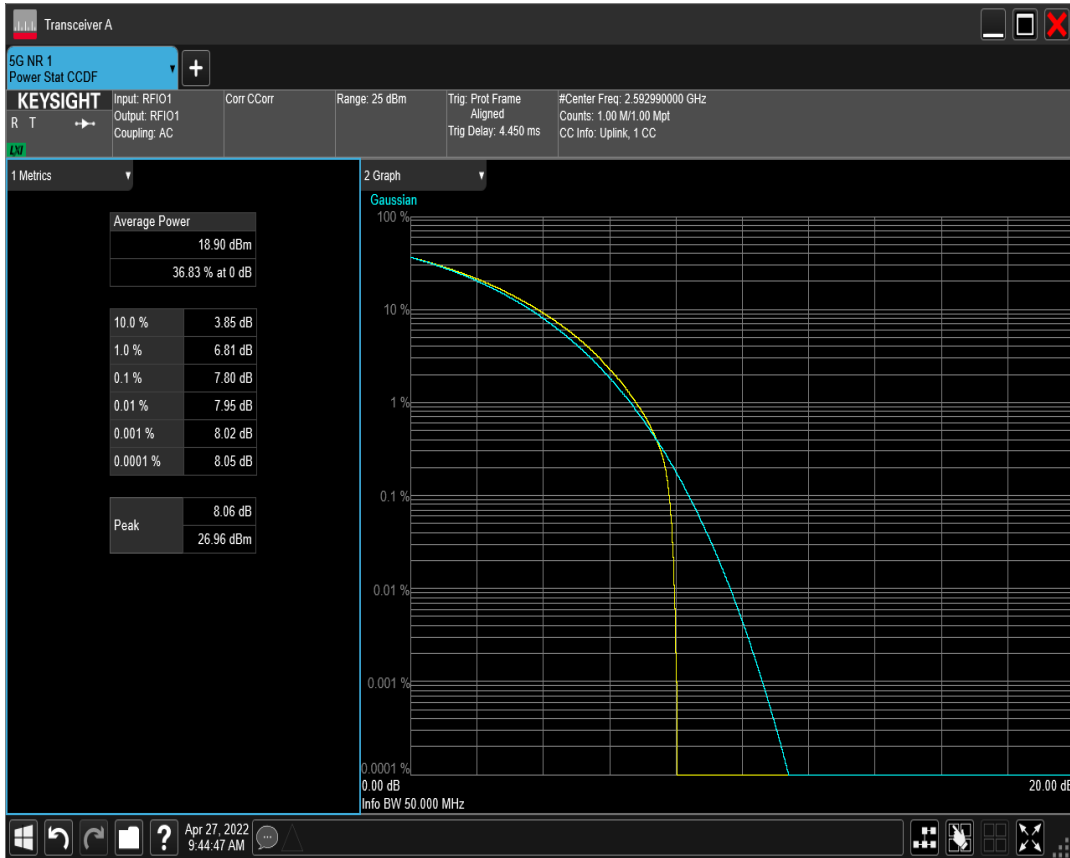
n41 SCS=30kHz CP_QAM256 BW=40MHz Channel=518598 RB=106@0 ant2



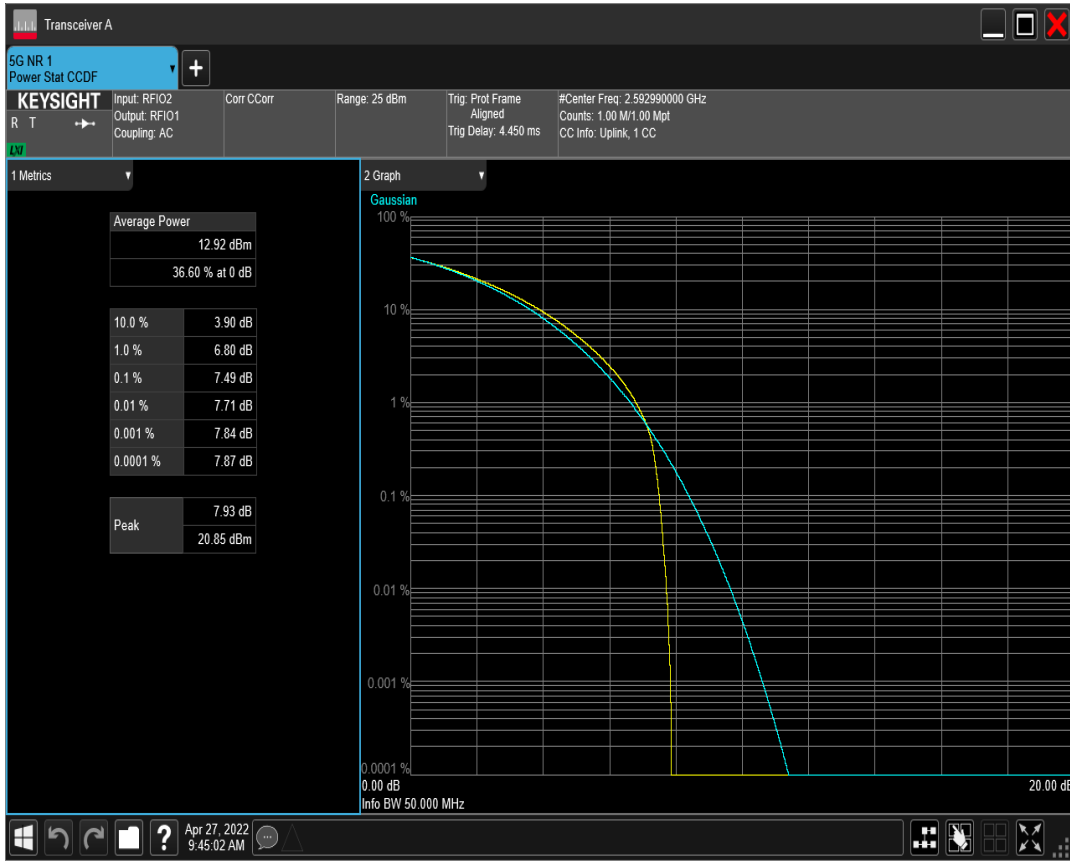
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=518598 RB=133@0 ant2



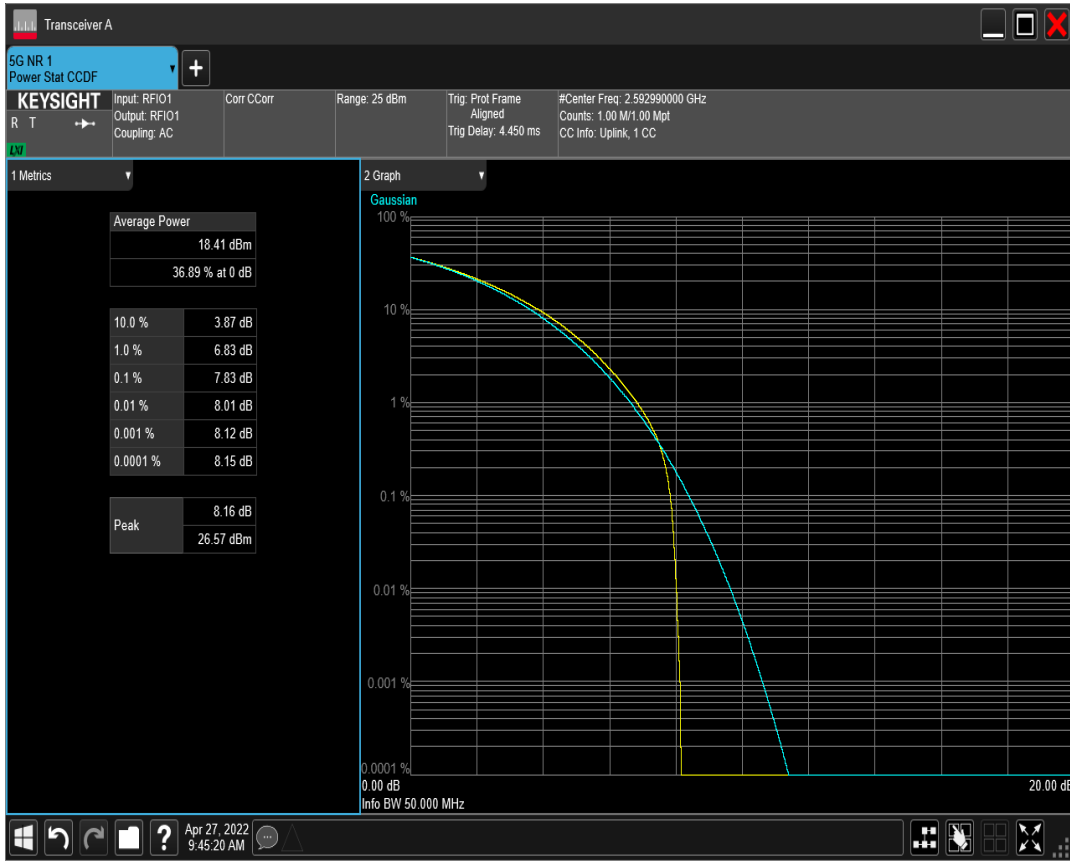
n41 SCS=30kHz CP_QAM16 BW=50MHz Channel=518598 RB=133@0 ant1



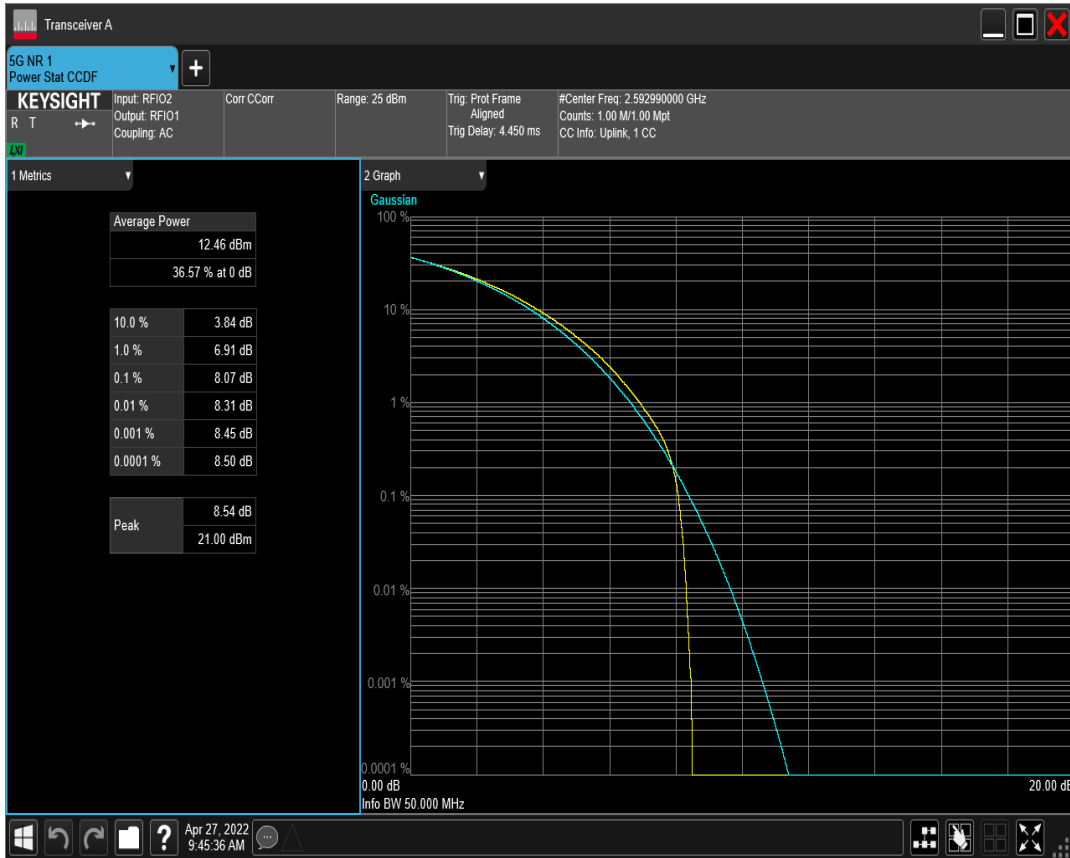
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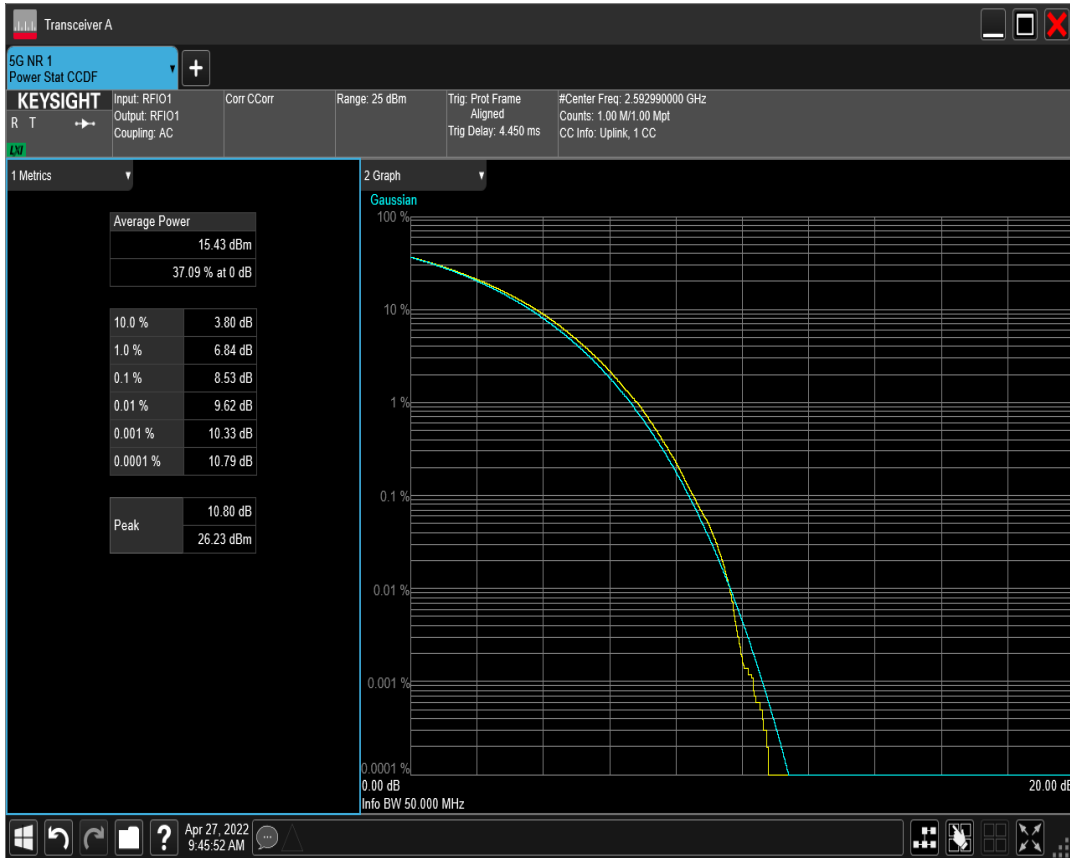
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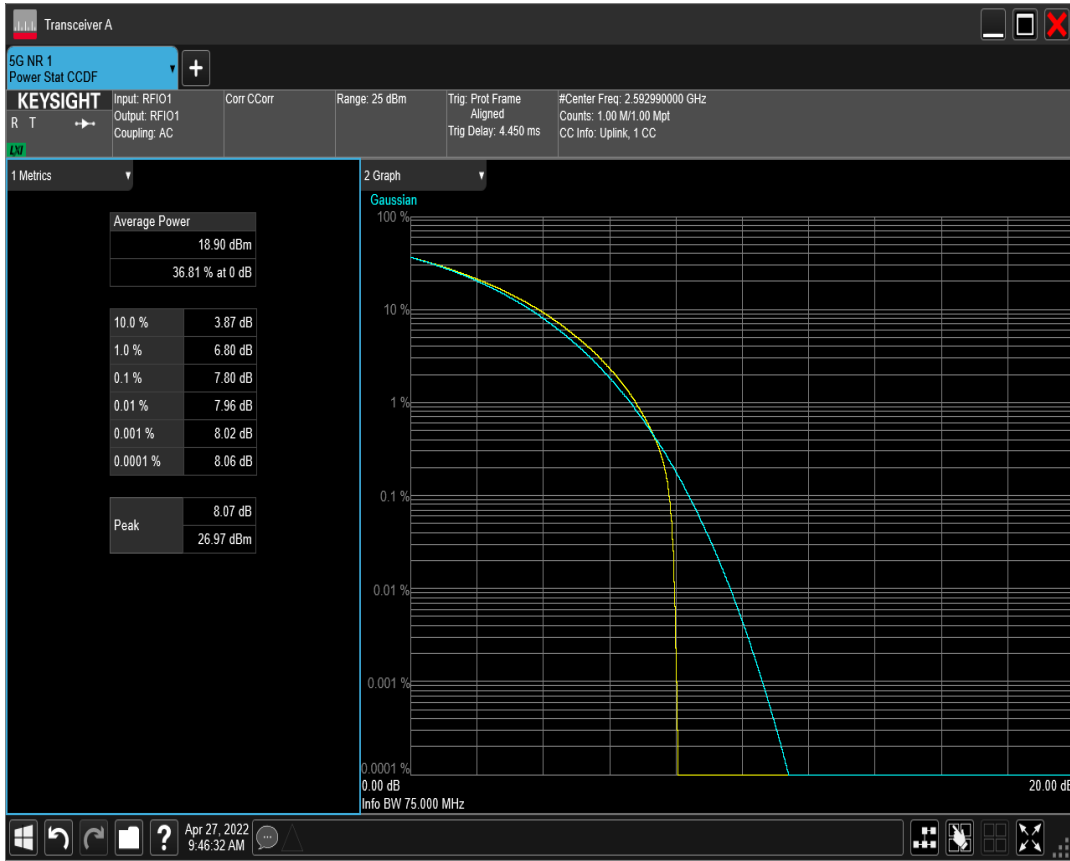
n41 SCS=30kHz CP_QAM64 BW=50MHz Channel=518598 RB=133@0 ant2



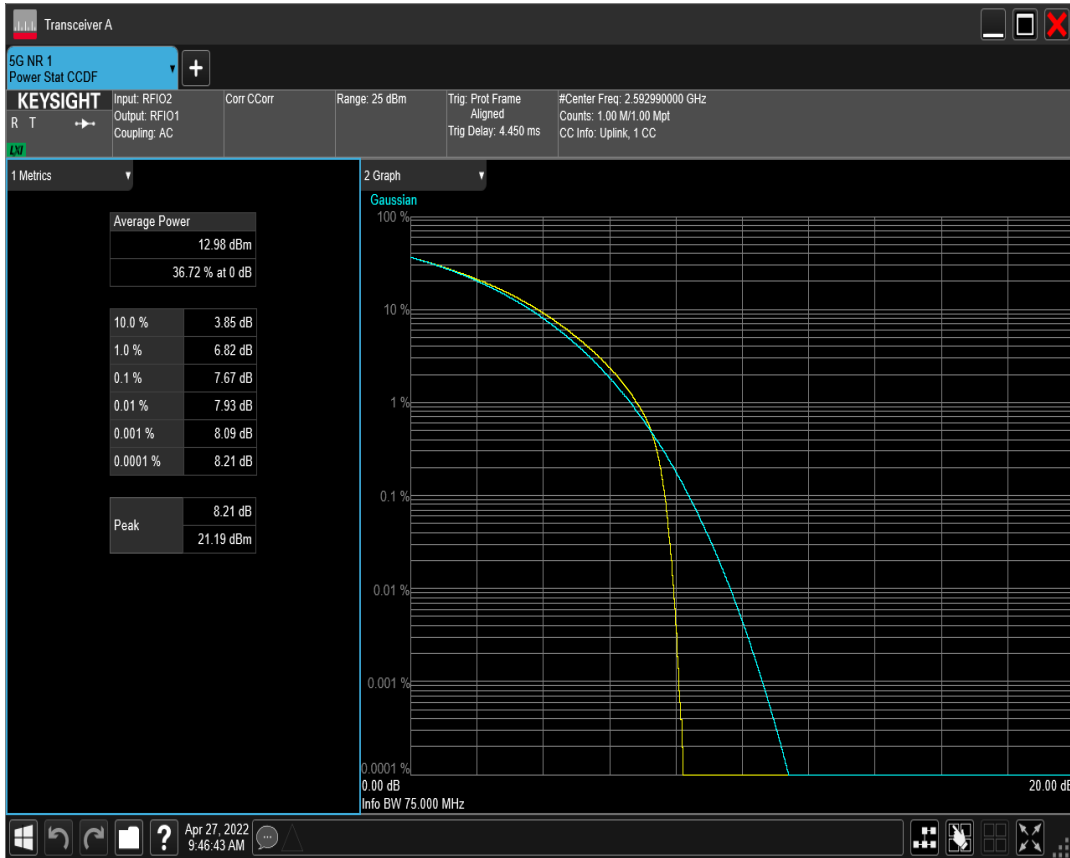
n41 SCS=30kHz CP_QAM256 BW=50MHz Channel=518598 RB=133@0 ant1



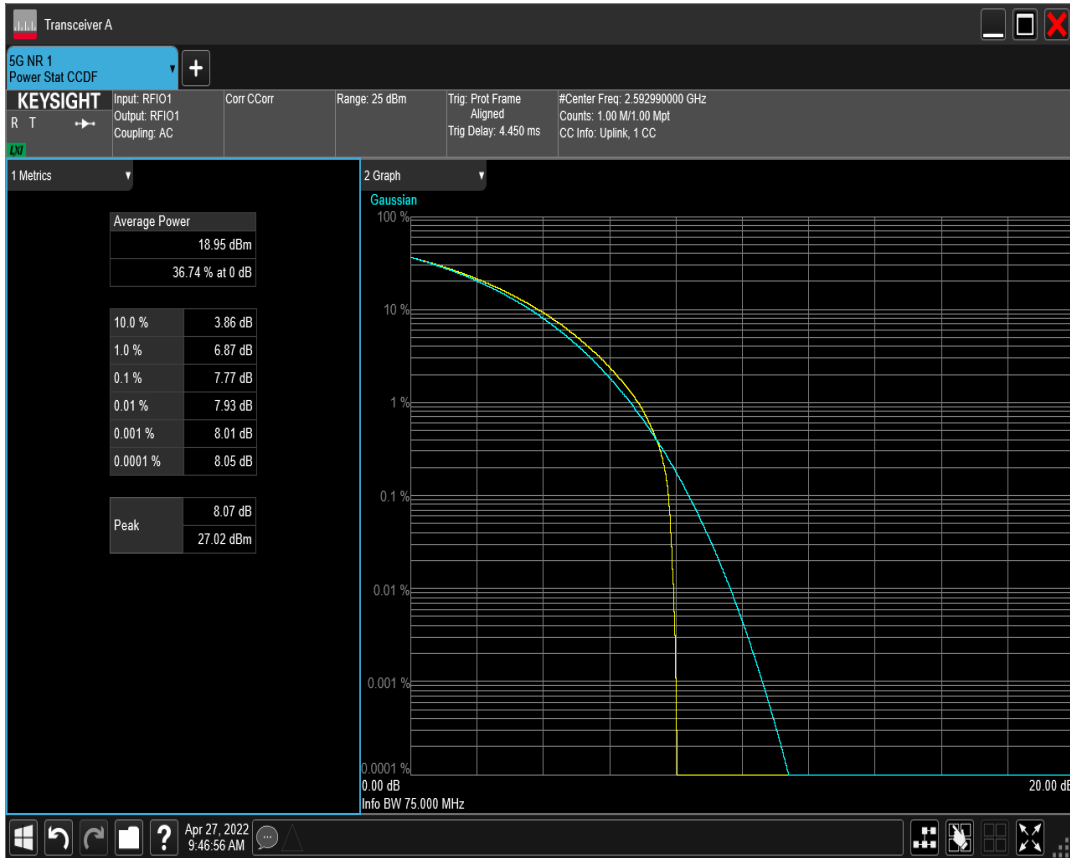
n41 SCS=30kHz CP_QAM256 BW=50MHz Channel=518598 RB=133@0 ant2



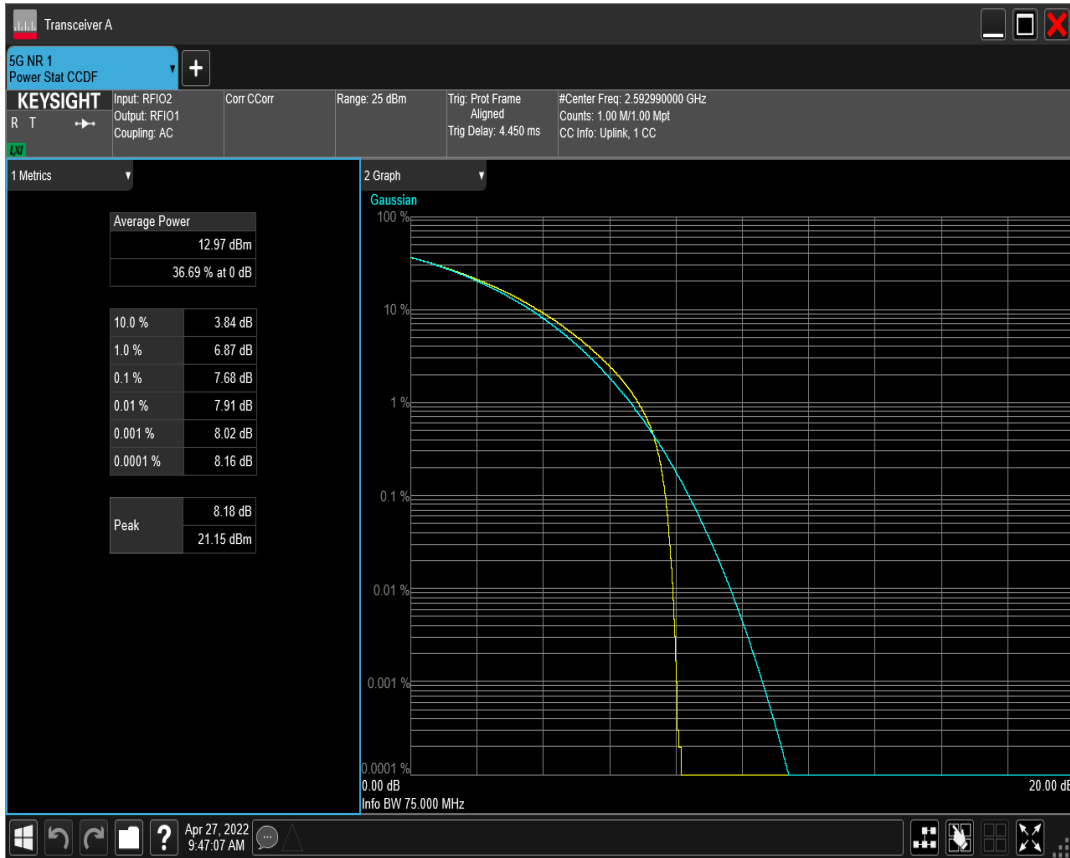
n41 SCS=30kHz CP_QPSK BW=60MHz Channel=518598 RB=162@0 ant2



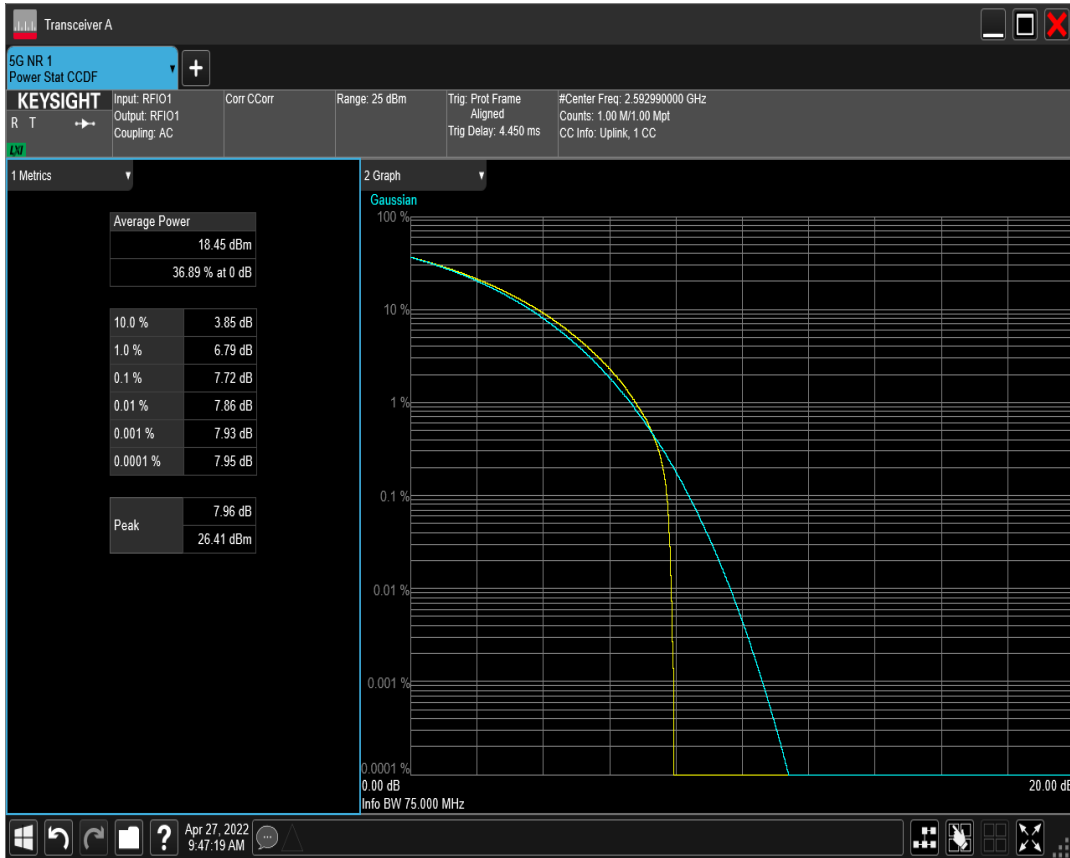
n41 SCS=30kHz CP_QAM16 BW=60MHz Channel=518598 RB=162@0 ant1



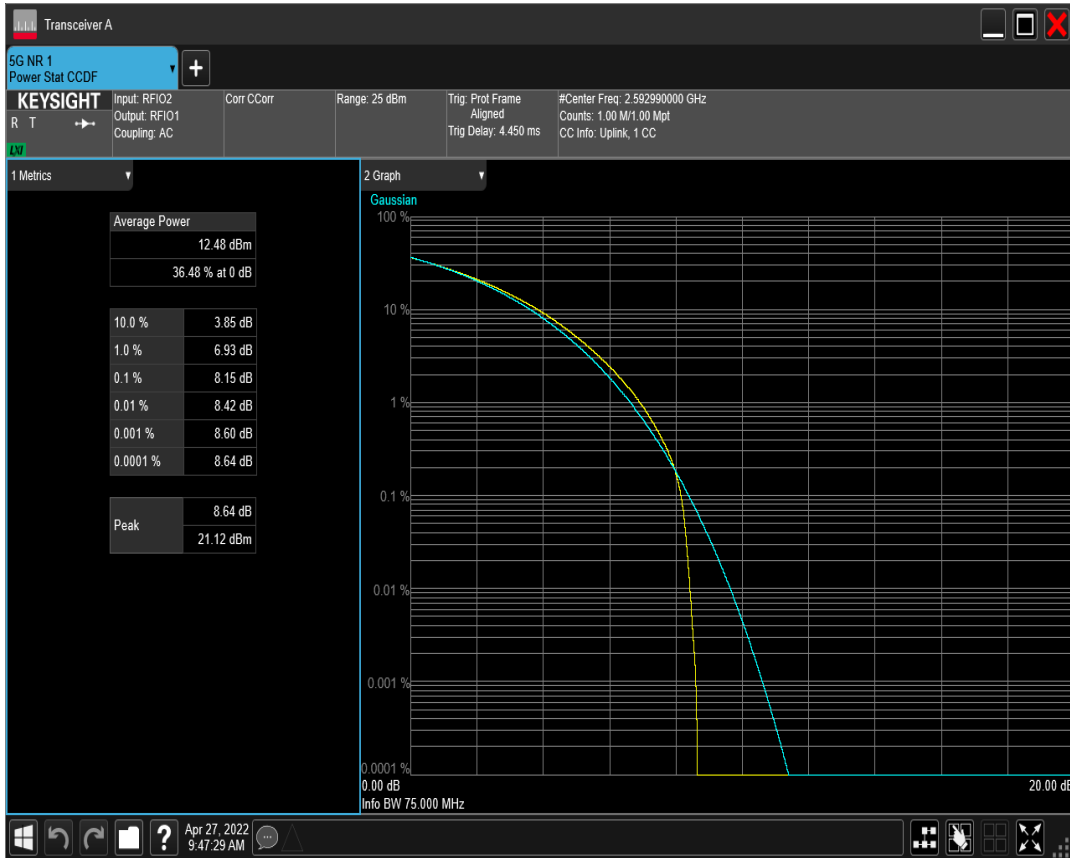
n41 SCS=30kHz CP_QAM16 BW=60MHz Channel=518598 RB=162@0 ant2



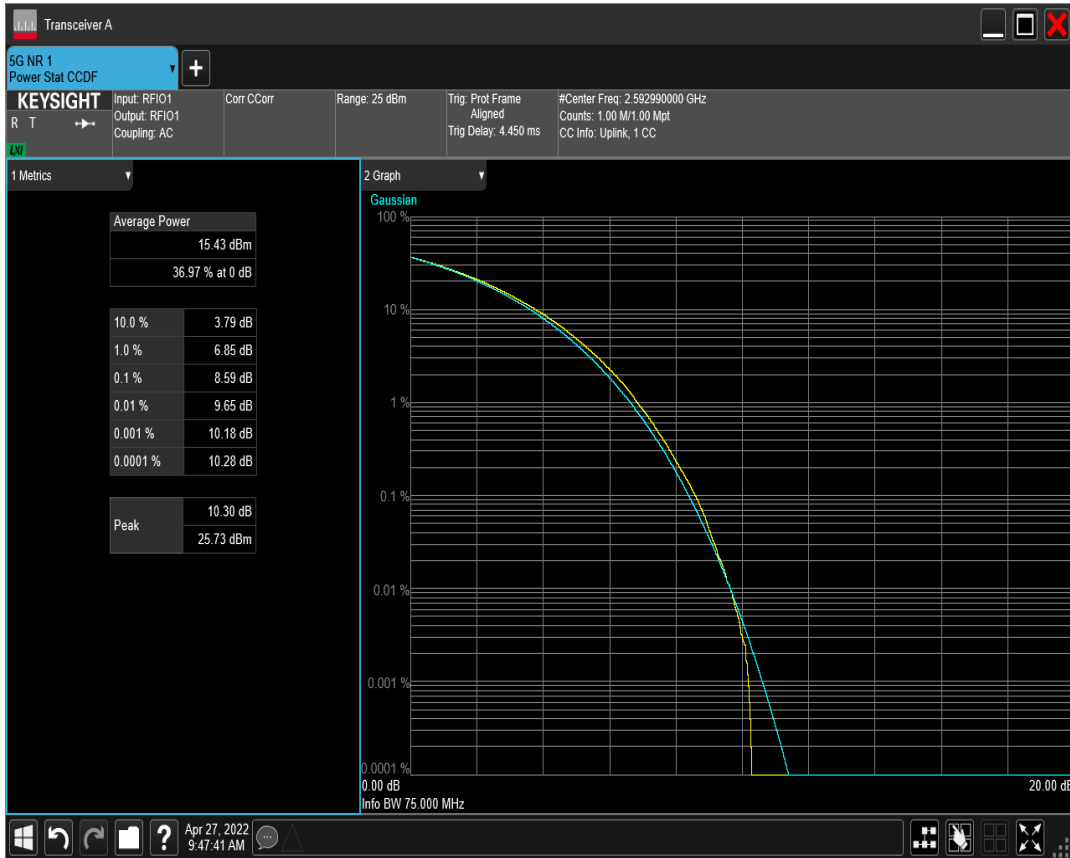
n41 SCS=30kHz CP_QAM64 BW=60MHz Channel=518598 RB=162@0 ant1



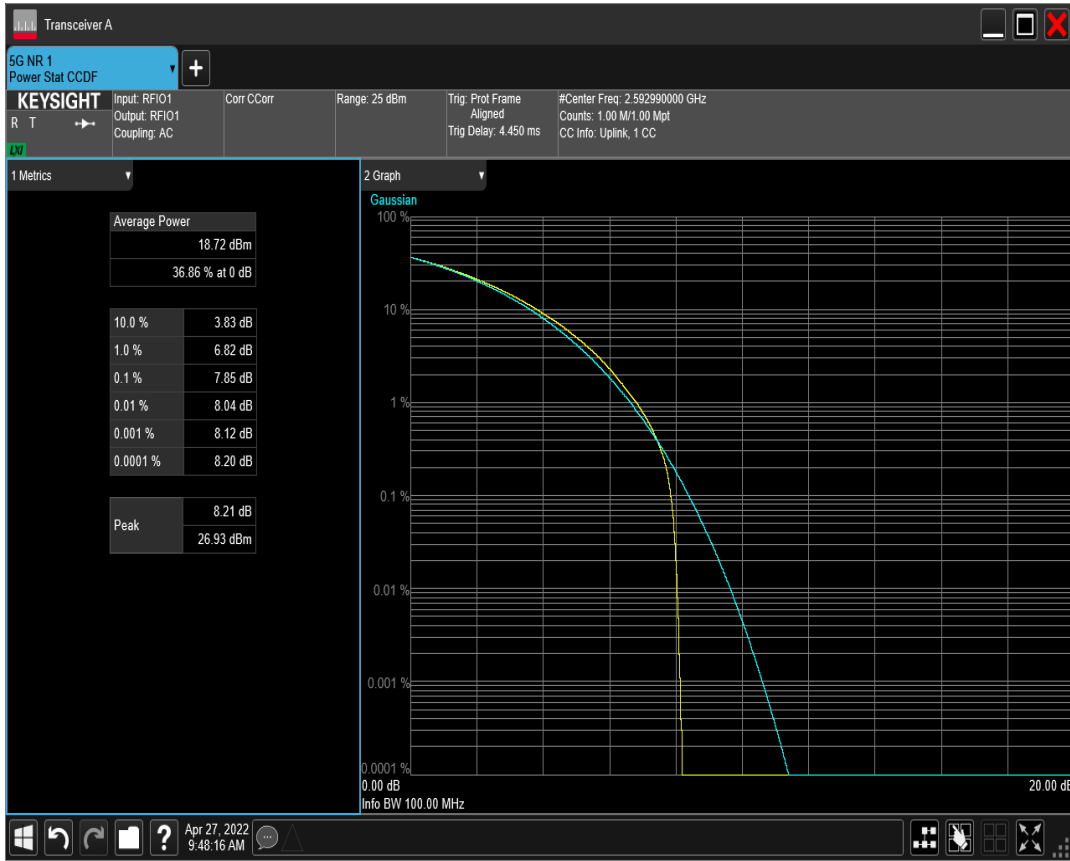
n41 SCS=30kHz CP_QAM64 BW=60MHz Channel=518598 RB=162@0 ant2



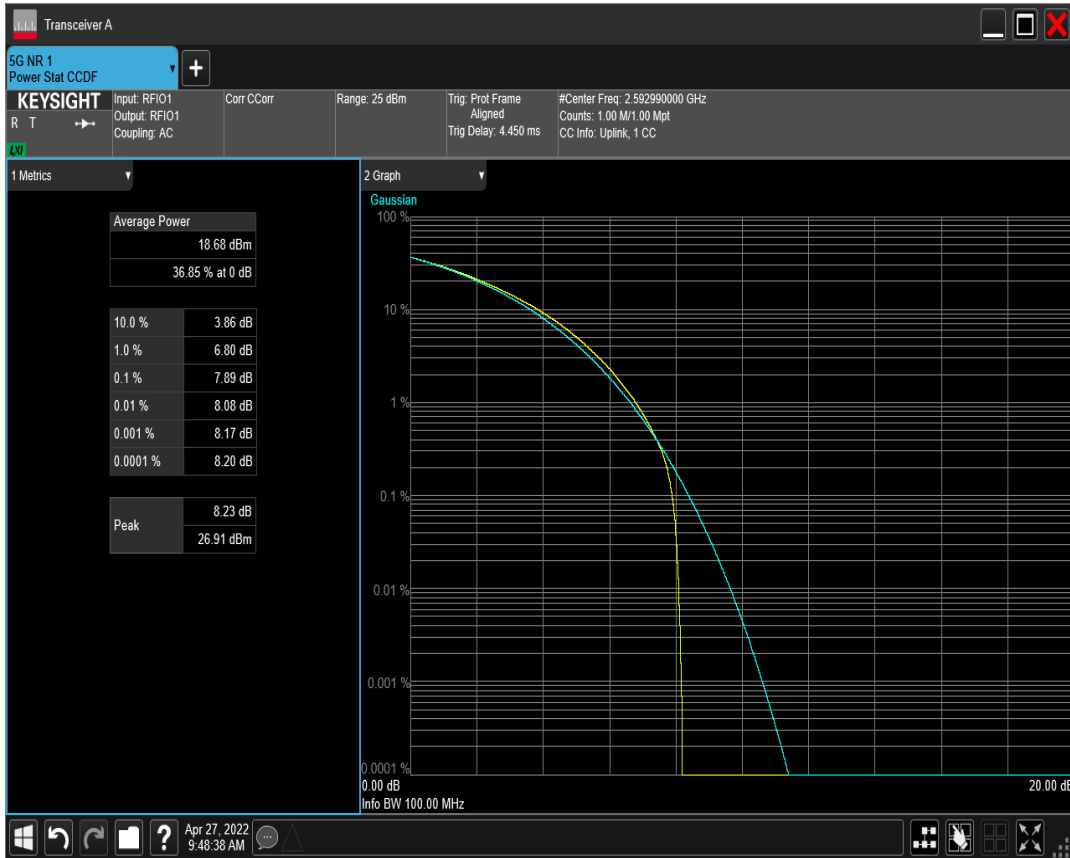
n41 SCS=30kHz CP_QAM256 BW=60MHz Channel=518598 RB=162@0 ant1



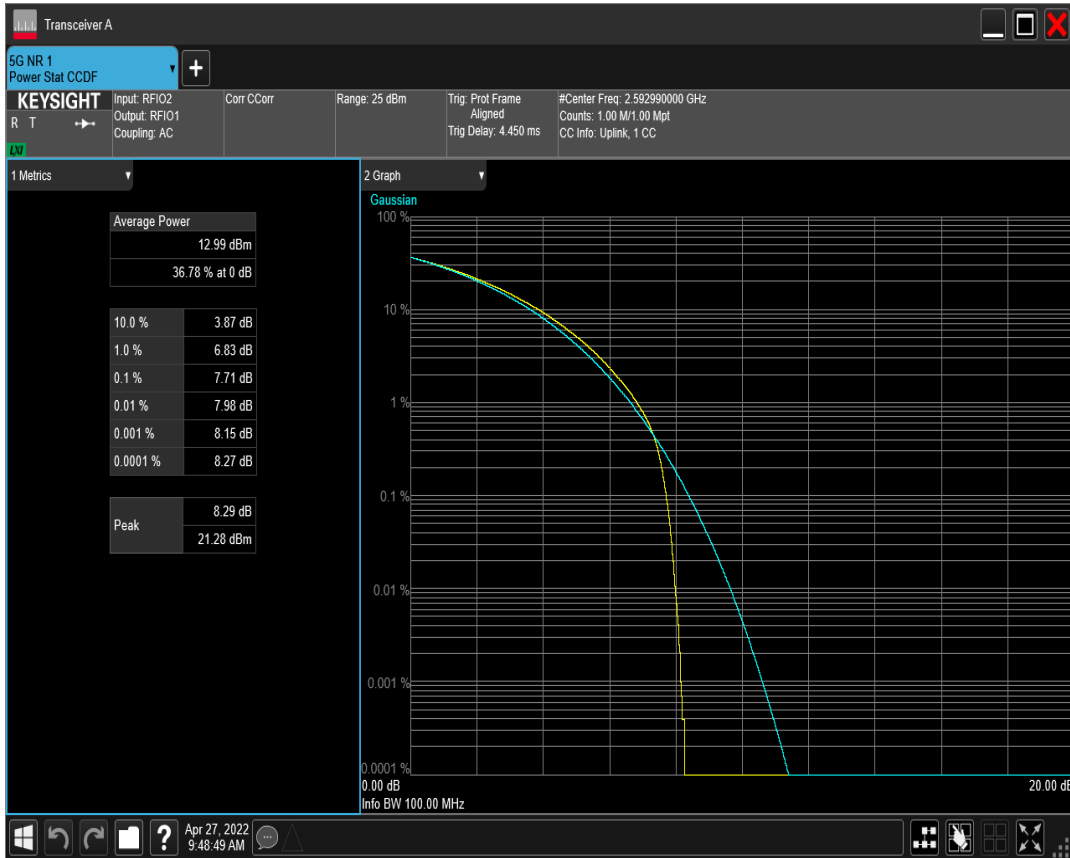
n41 SCS=30kHz CP_QAM256 BW=60MHz Channel=518598 RB=162@0 ant2



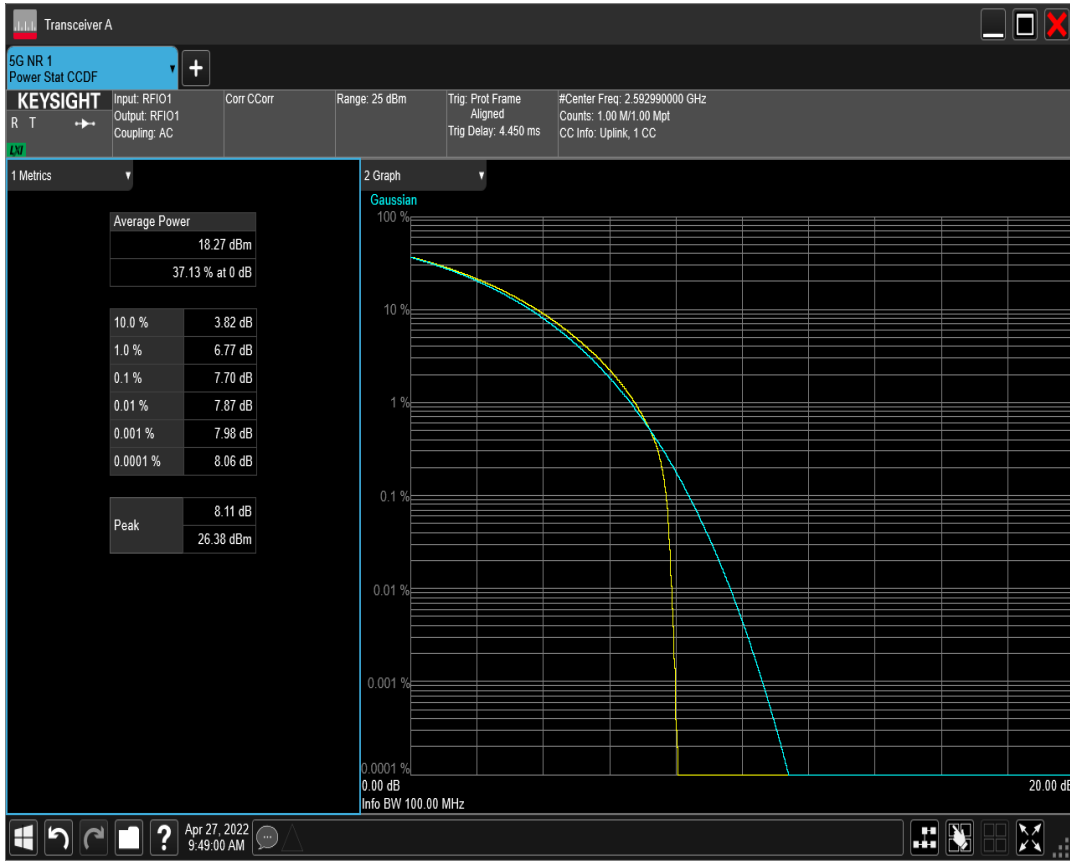
n41 SCS=30kHz CP_QPSK BW=80MHz Channel=518598 RB=217@0 ant2



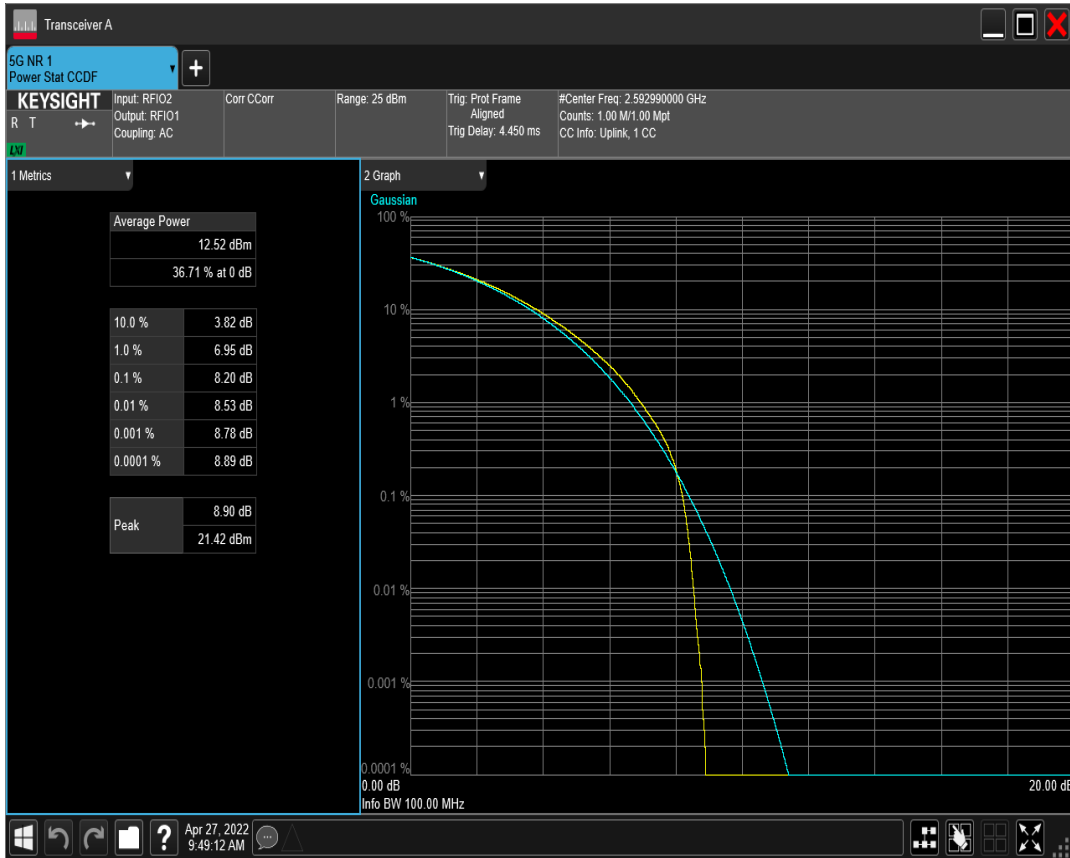
n41 SCS=30kHz CP_QAM16 BW=80MHz Channel=518598 RB=217@0 ant2



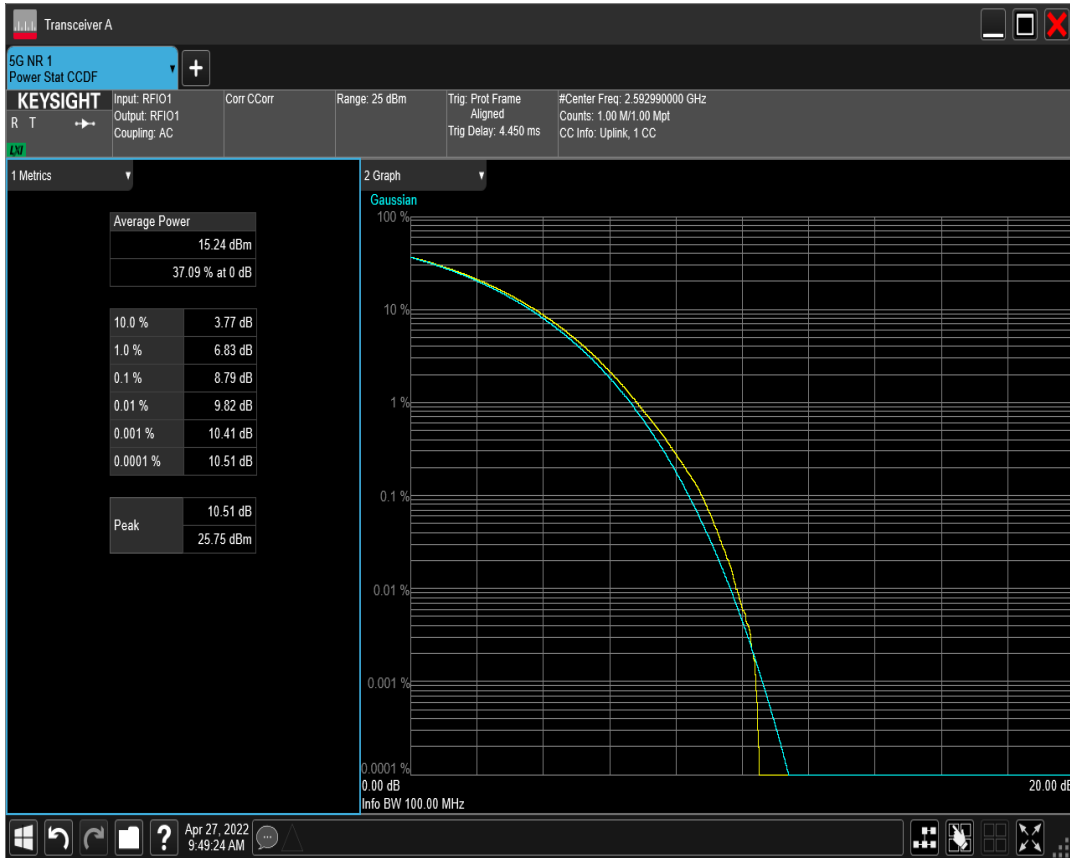
n41 SCS=30kHz CP_QAM64 BW=80MHz Channel=518598 RB=217@0 ant1



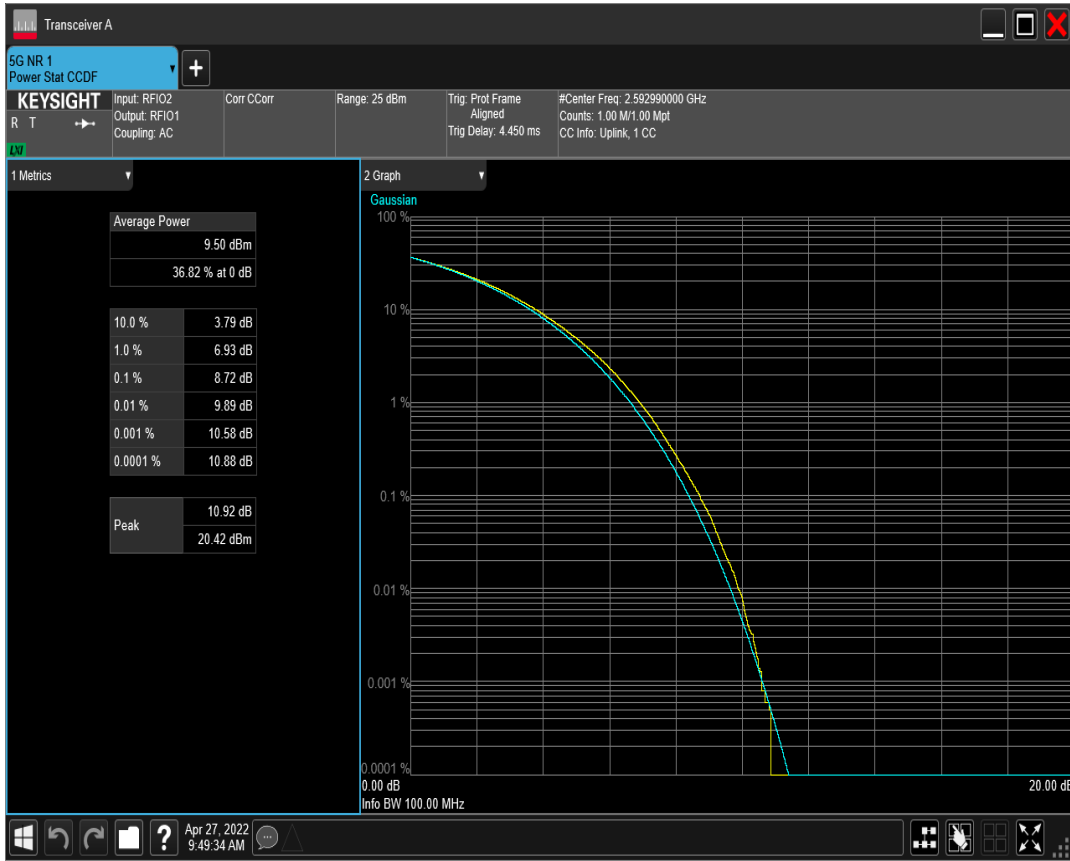
n41 SCS=30kHz CP_QAM64 BW=80MHz Channel=518598 RB=217@0 ant2



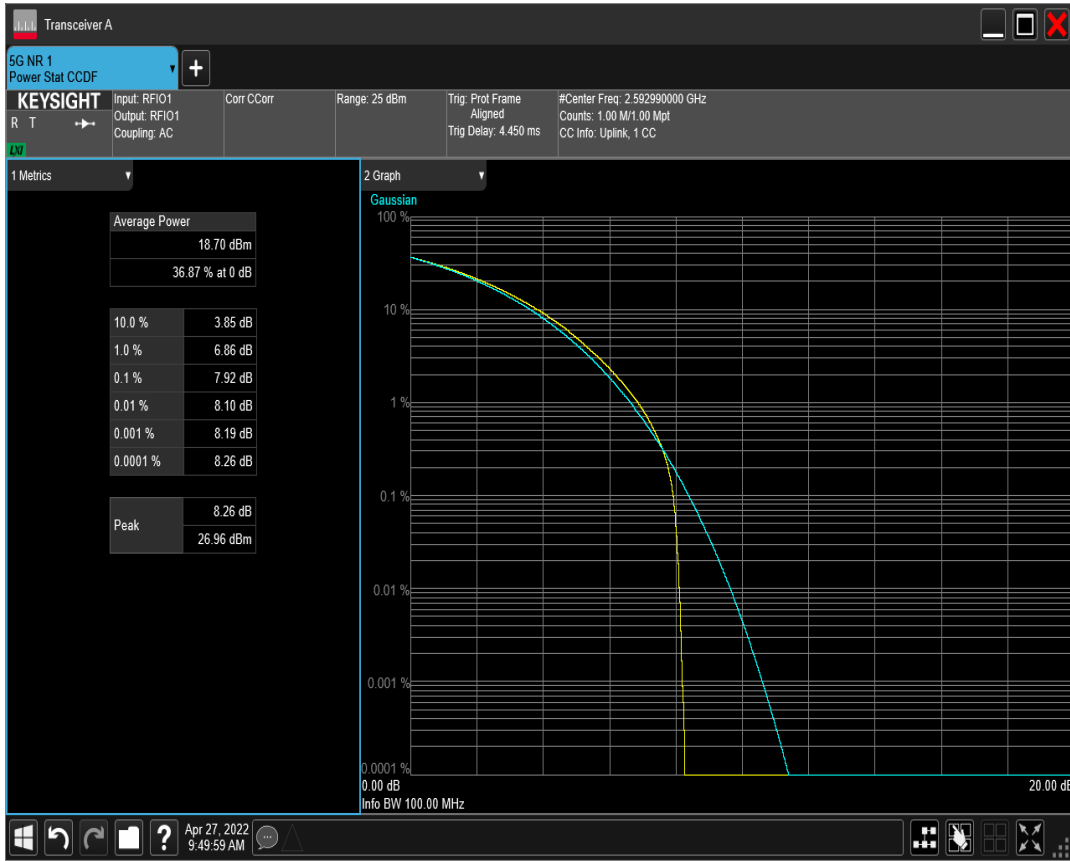
n41 SCS=30kHz CP_QAM256 BW=80MHz Channel=518598 RB=217@0 ant1



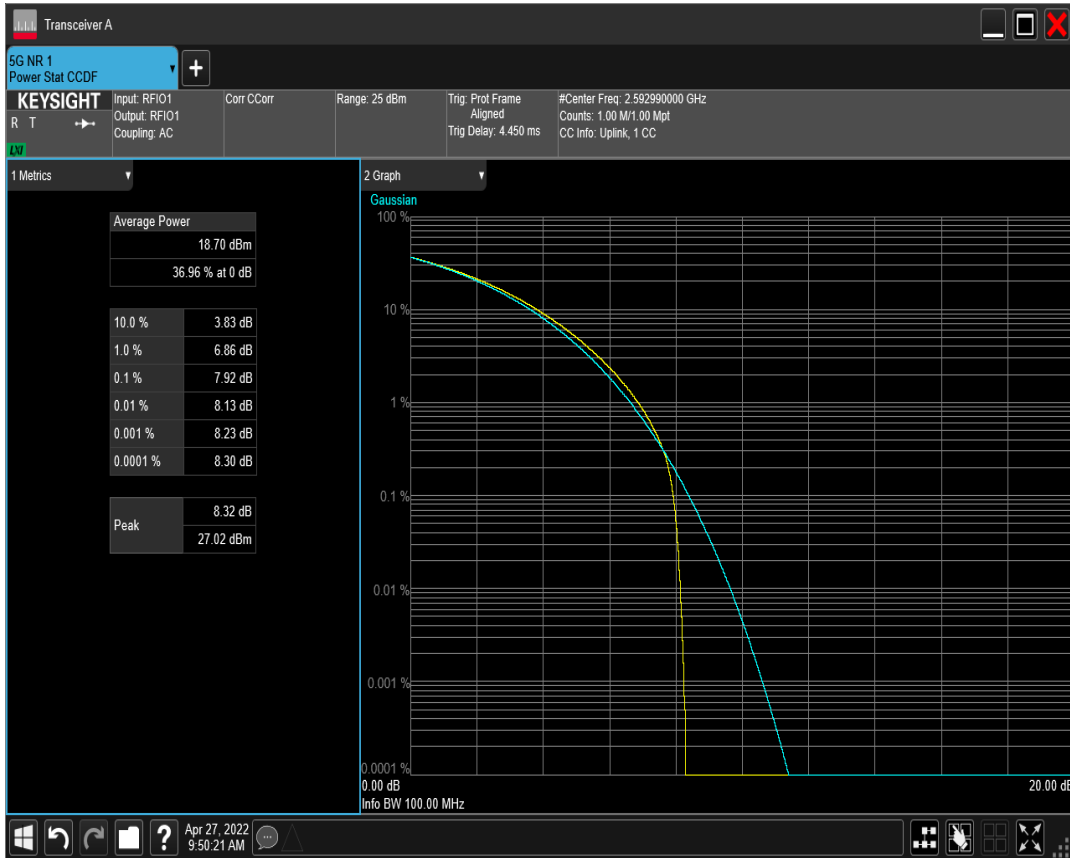
n41 SCS=30kHz CP_QAM256 BW=80MHz Channel=518598 RB=217@0 ant2



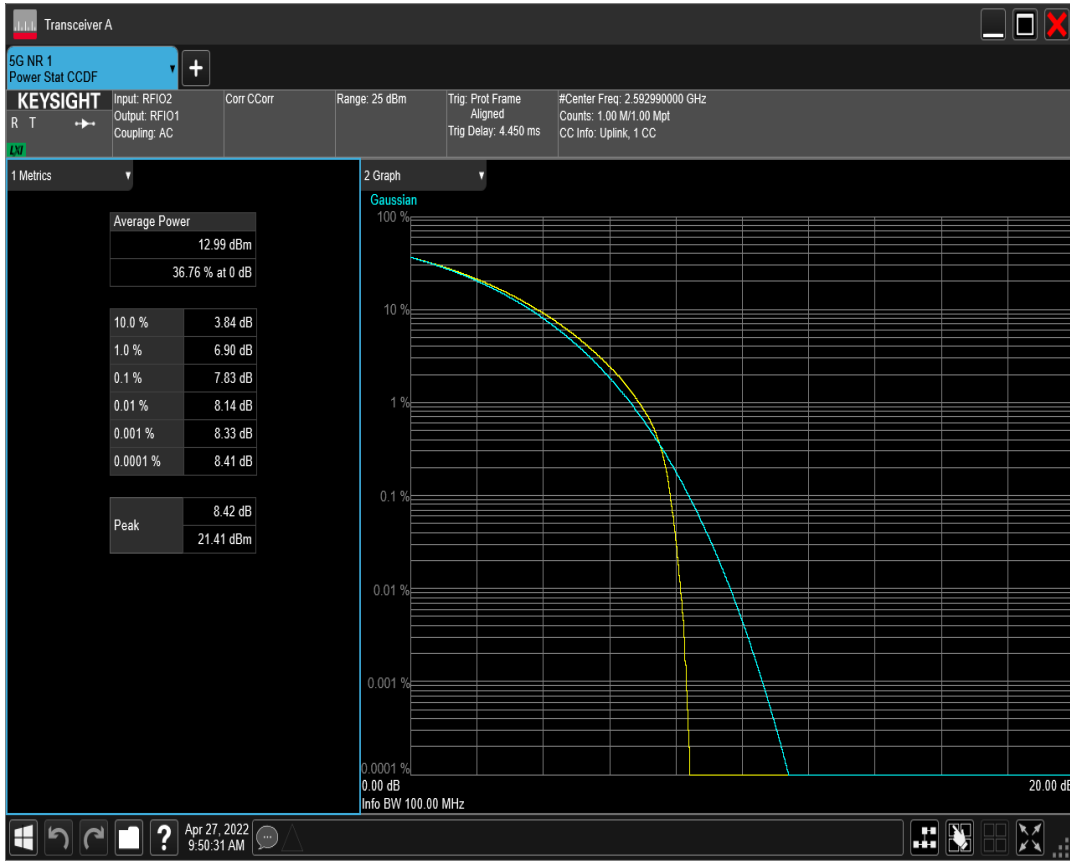
n41 SCS=30kHz CP_QPSK BW=90MHz Channel=518598 RB=245@0 ant1



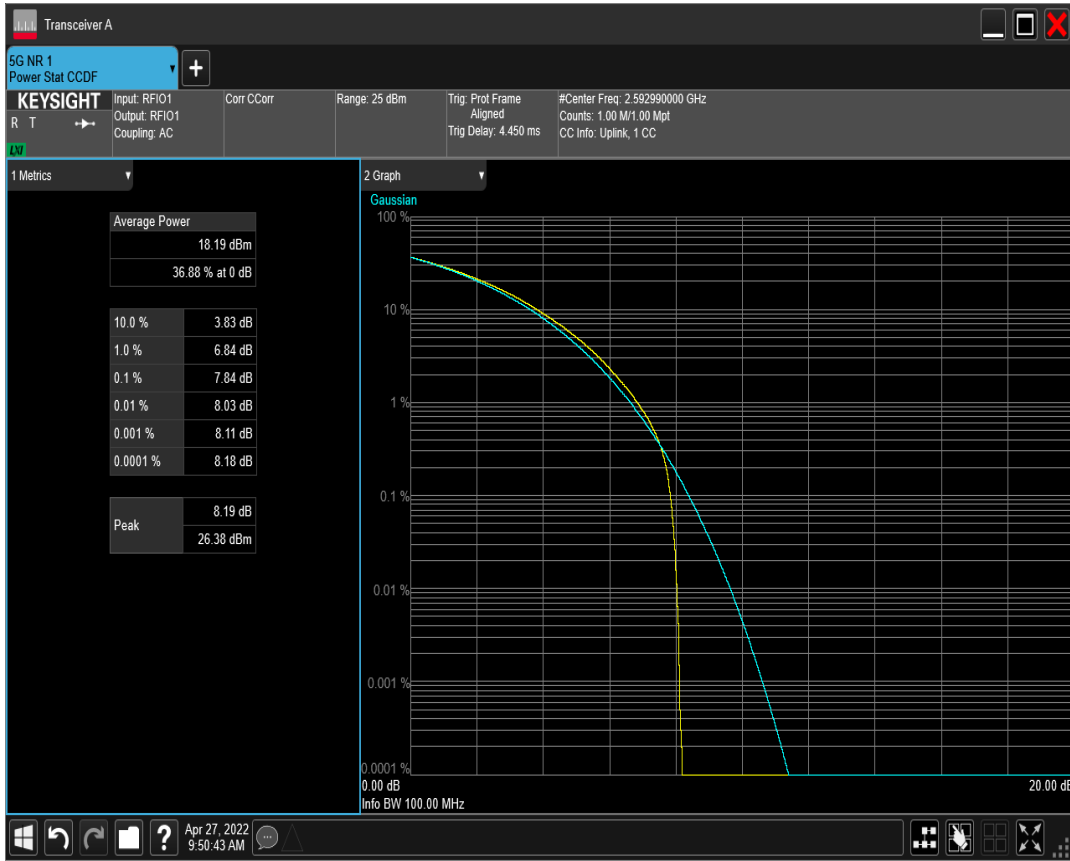
n41 SCS=30kHz CP_QPSK BW=90MHz Channel=518598 RB=245@0 ant2



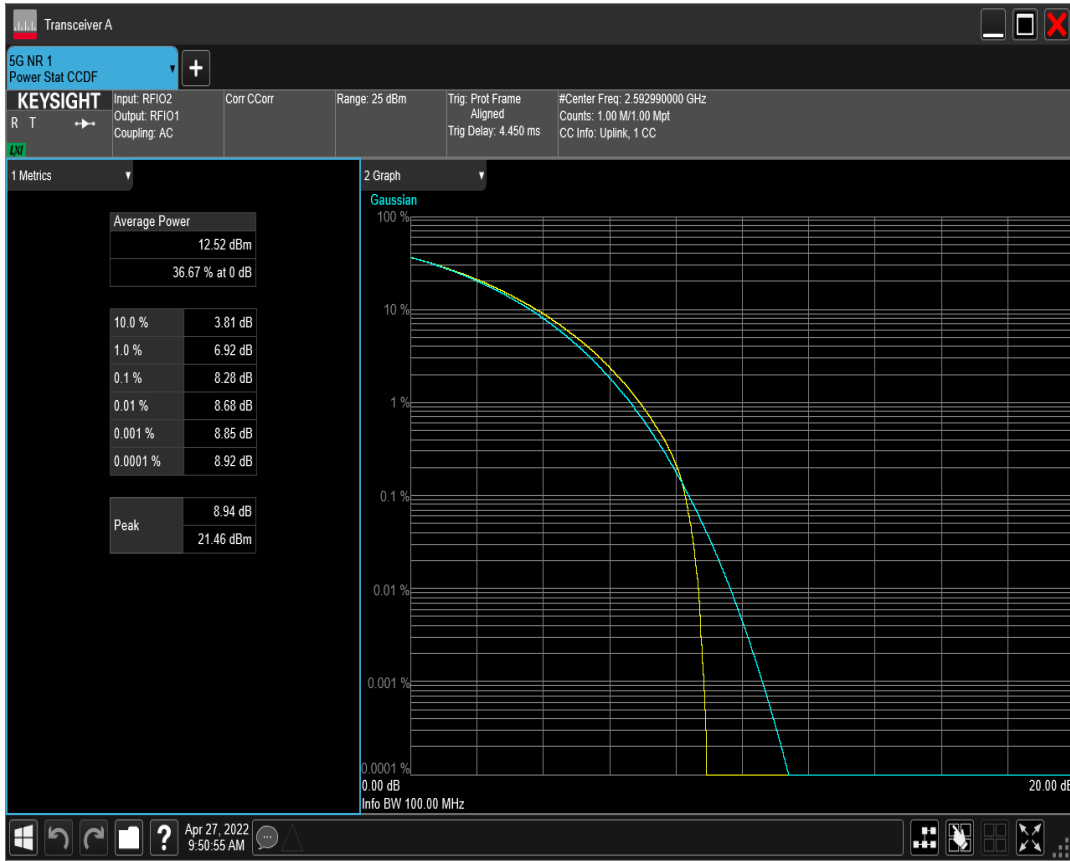
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=518598 RB=245@0 ant2



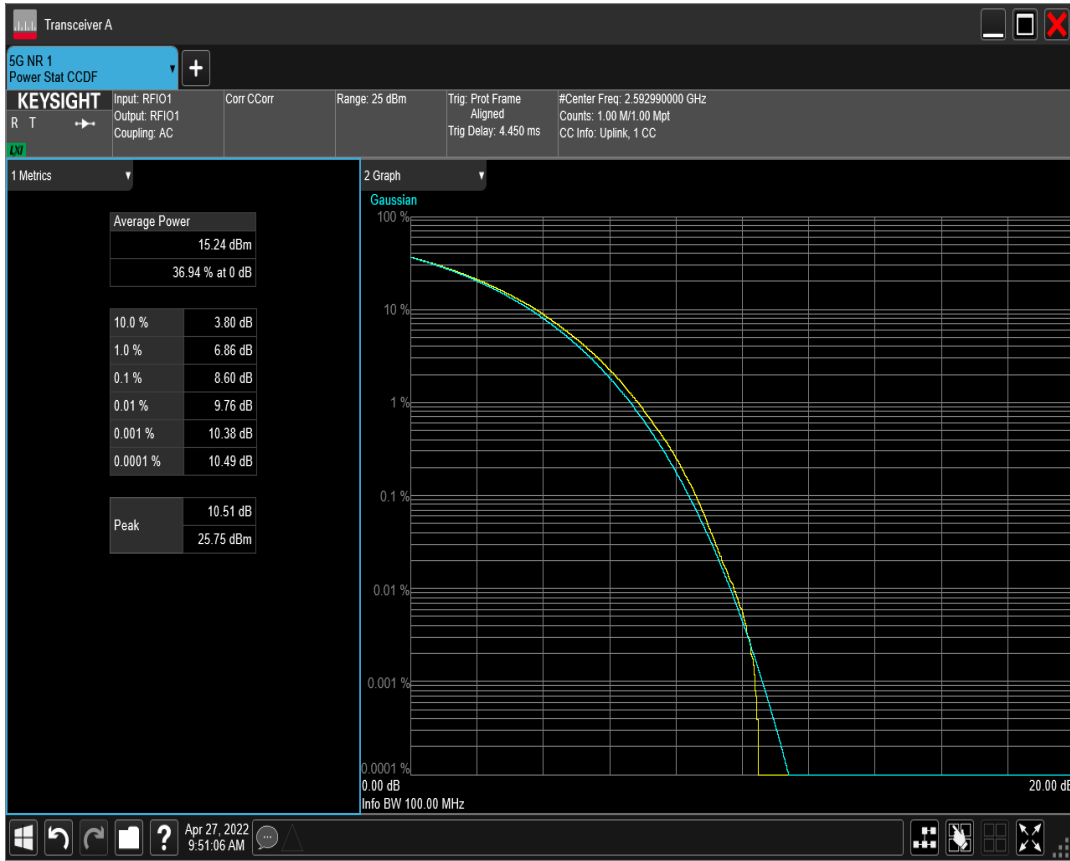
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=518598 RB=245@0 ant1



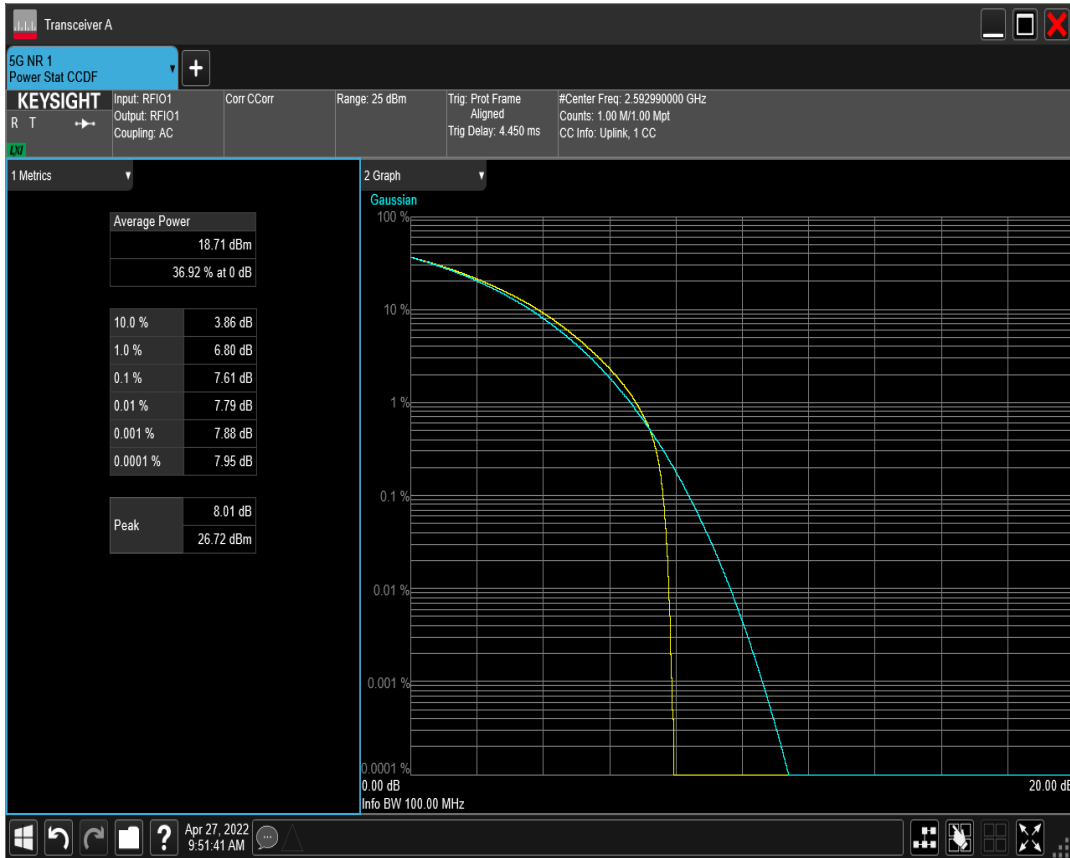
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=518598 RB=245@0 ant2



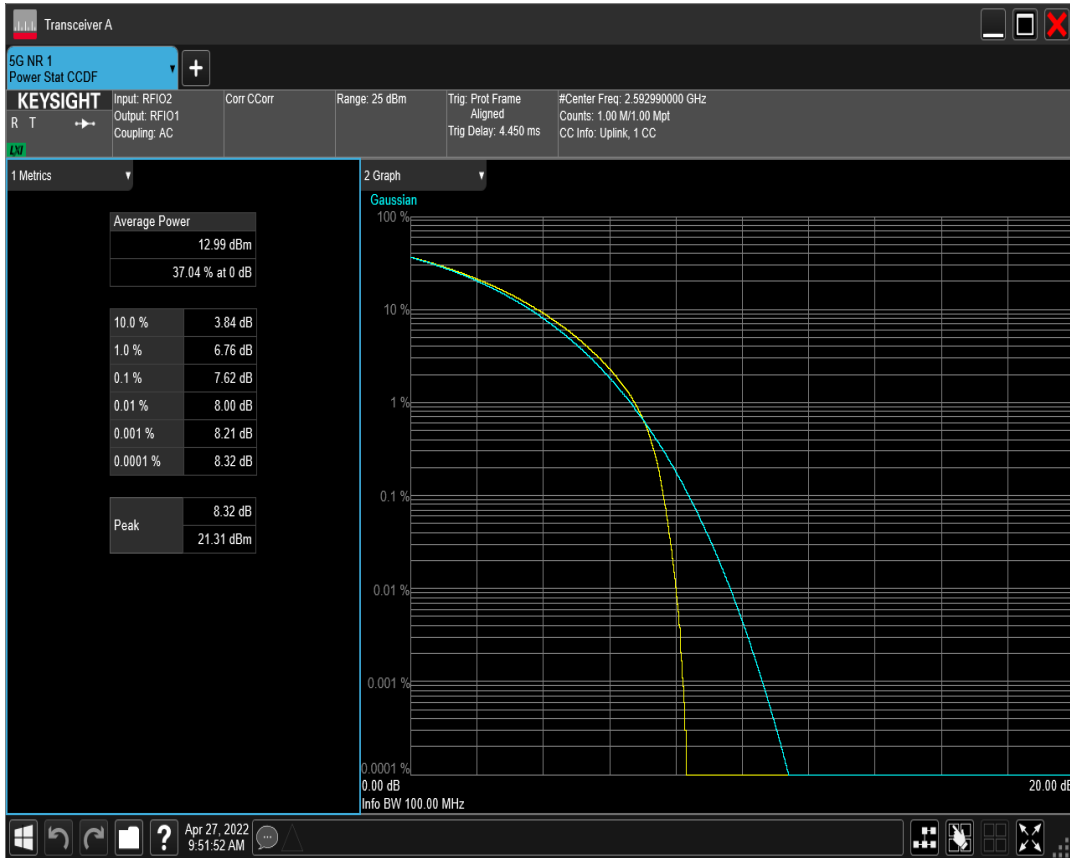
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=518598 RB=245@0 ant1



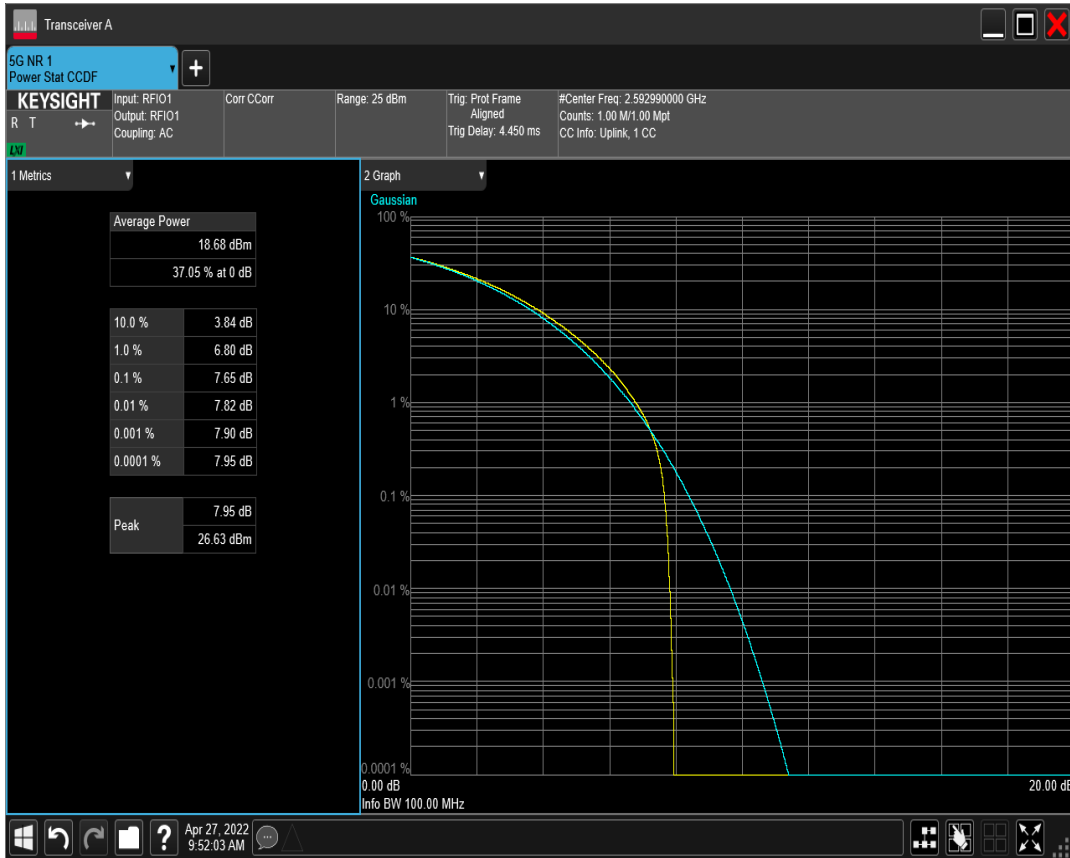
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=518598 RB=245@0 ant2



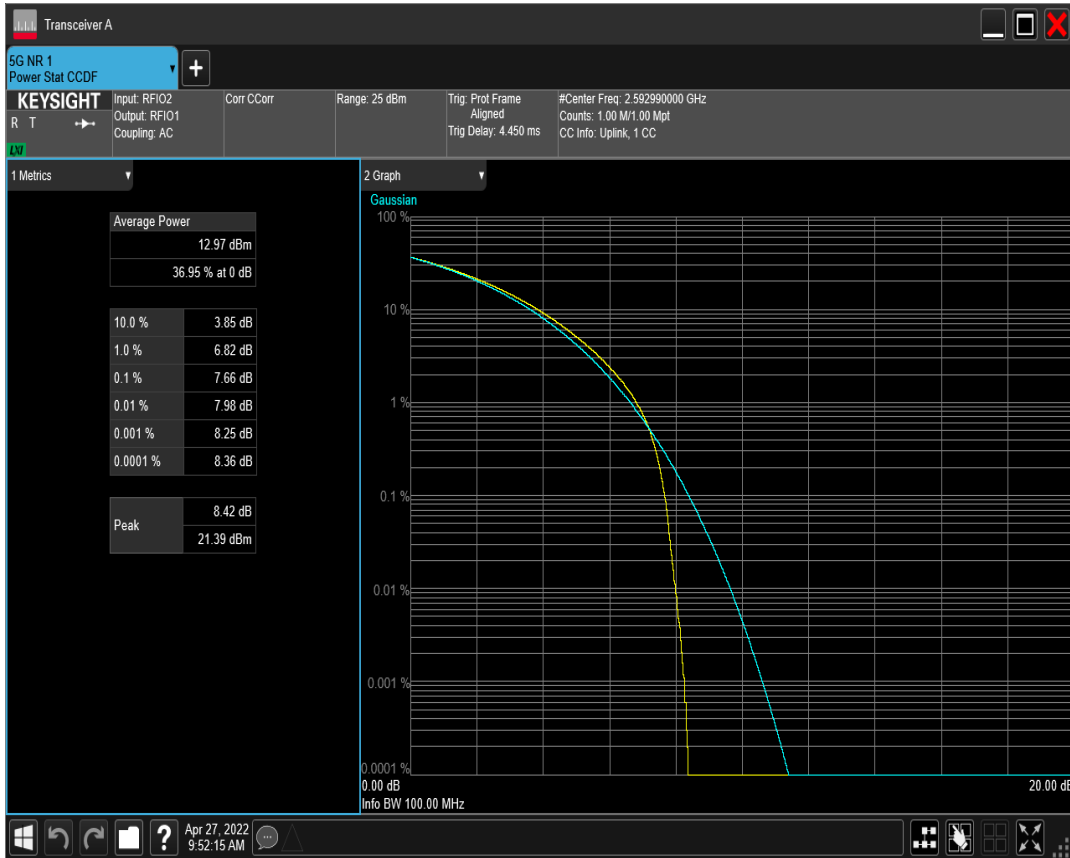
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant2



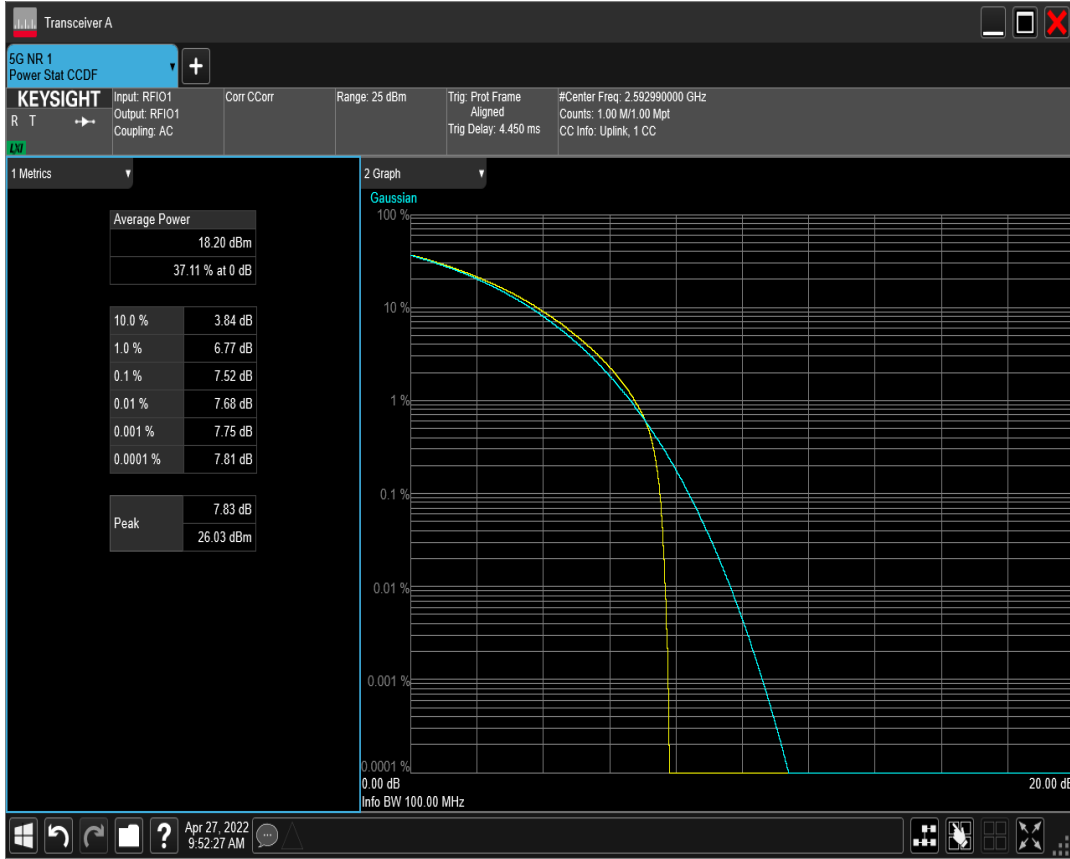
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=518598 RB=273@0 ant1



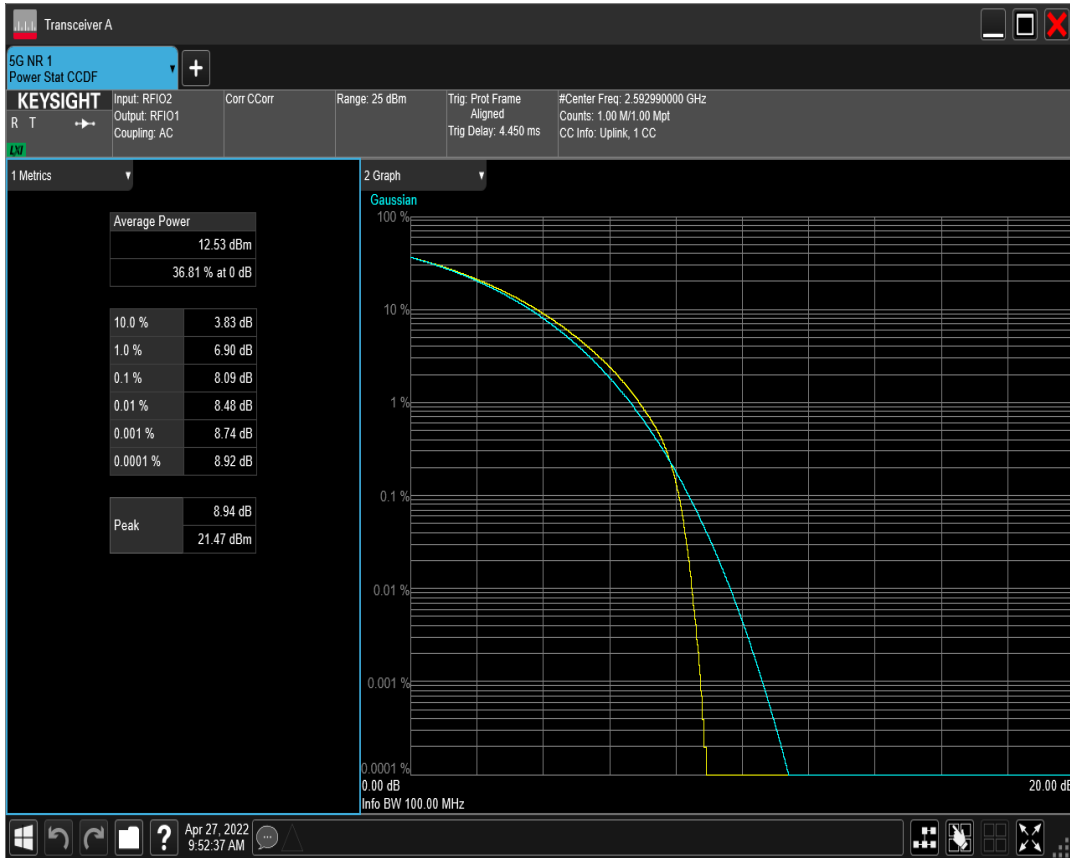
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=518598 RB=273@0 ant2



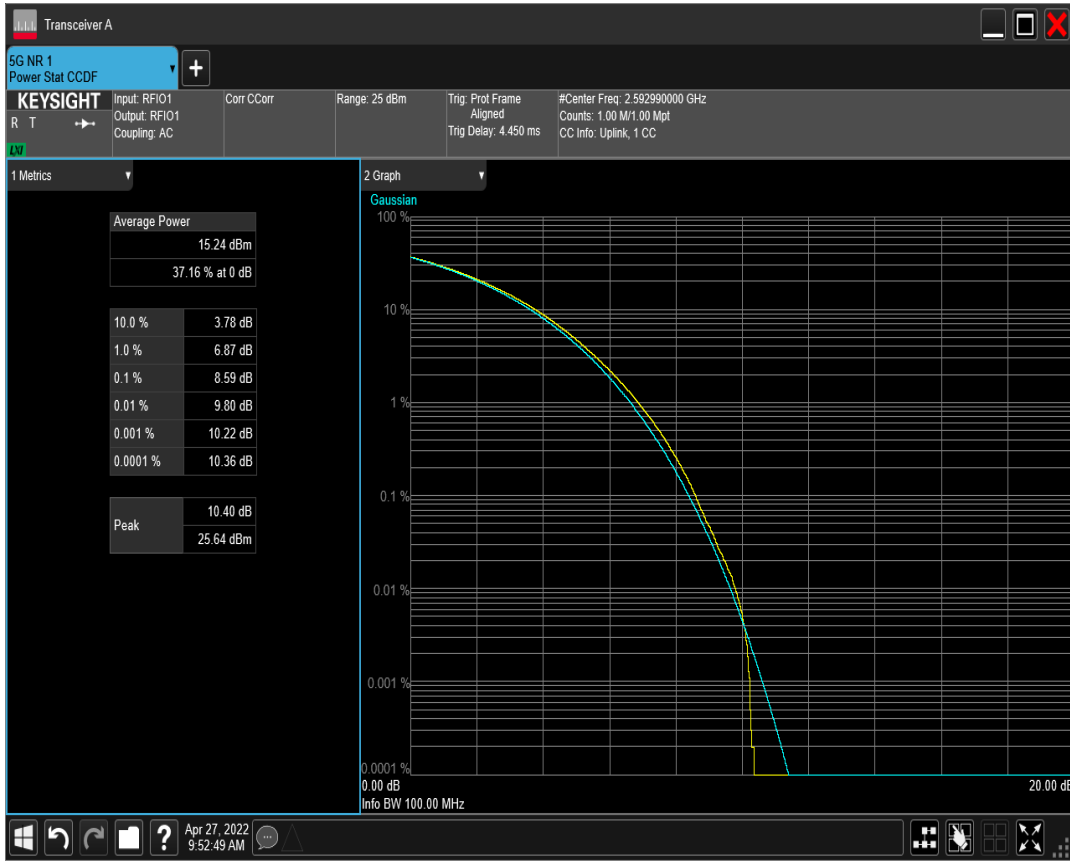
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=518598 RB=273@0 ant1



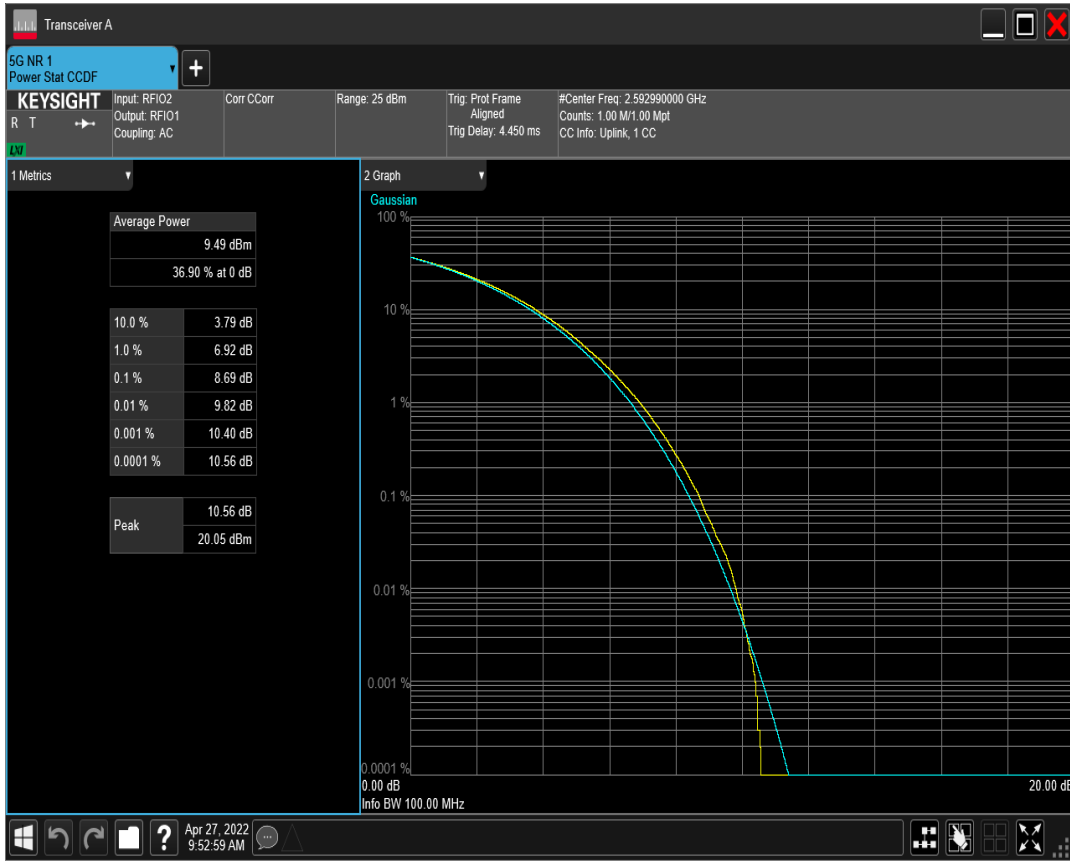
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=518598 RB=273@0 ant2



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	18.320	19.400	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	18.320	19.370	PASS
n41	ant1	30	20	501204	51@0	CP_QAM16	18.270	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	18.320	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	19.340	PASS
n41	ant2	30	20	501204	51@0	CP_QAM256	18.340	19.380	PASS
n41	ant1	30	20	518598	51@0	CP_QPSK	18.280	19.410	PASS
n41	ant2	30	20	518598	51@0	CP_QPSK	18.320	19.380	PASS
n41	ant1	30	20	518598	51@0	CP_QAM16	18.270	19.360	PASS
n41	ant2	30	20	518598	51@0	CP_QAM16	18.320	19.400	PASS
n41	ant1	30	20	518598	51@0	CP_QAM64	18.280	19.380	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	19.360	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	19.380	PASS

n41	ant1	30	20	535998	51@0	CP_QAM16	18.270	19.330	PASS
n41	ant2	30	20	535998	51@0	CP_QAM16	18.320	19.380	PASS
n41	ant1	30	20	535998	51@0	CP_QAM64	18.320	19.390	PASS
n41	ant2	30	20	535998	51@0	CP_QAM64	18.340	19.370	PASS
n41	ant1	30	20	535998	51@0	CP_QAM256	18.330	19.350	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	29.530	PASS
n41	ant2	30	30	502200	78@0	CP_QPSK	27.990	29.530	PASS
n41	ant1	30	30	502200	78@0	CP_QAM16	27.970	29.540	PASS
n41	ant2	30	30	502200	78@0	CP_QAM16	27.990	29.530	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	29.570	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	29.520	PASS
n41	ant1	30	30	518598	78@0	CP_QPSK	27.980	29.530	PASS
n41	ant2	30	30	518598	78@0	CP_QPSK	28.000	29.570	PASS
n41	ant1	30	30	518598	78@0	CP_QAM16	27.980	29.550	PASS
n41	ant2	30	30	518598	78@0	CP_QAM16	27.990	29.550	PASS
n41	ant1	30	30	518598	78@0	CP_QAM64	28.000	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	27.980	29.550	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	29.540	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	29.540	PASS
n41	ant2	30	30	534996	78@0	CP_QAM64	28.020	29.560	PASS
n41	ant1	30	30	534996	78@0	CP_QAM256	27.990	29.550	PASS
n41	ant2	30	30	534996	78@0	CP_QAM256	28.090	29.560	PASS
n41	ant1	30	40	503202	106@0	CP_QPSK	37.980	40.040	PASS
n41	ant2	30	40	503202	106@0	CP_QPSK	38.080	40.030	PASS
n41	ant1	30	40	503202	106@0	CP_QAM16	37.980	40.010	PASS
n41	ant2	30	40	503202	106@0	CP_QAM16	38.090	40.030	PASS
n41	ant1	30	40	503202	106@0	CP_QAM64	37.990	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	37.980	40.030	PASS
n41	ant2	30	40	503202	106@0	CP_QAM256	38.080	40.060	PASS
n41	ant1	30	40	518598	106@0	CP_QPSK	37.980	40.100	PASS
n41	ant2	30	40	518598	106@0	CP_QPSK	38.090	40.070	PASS
n41	ant1	30	40	518598	106@0	CP_QAM16	37.980	40.080	PASS
n41	ant2	30	40	518598	106@0	CP_QAM16	38.090	40.060	PASS

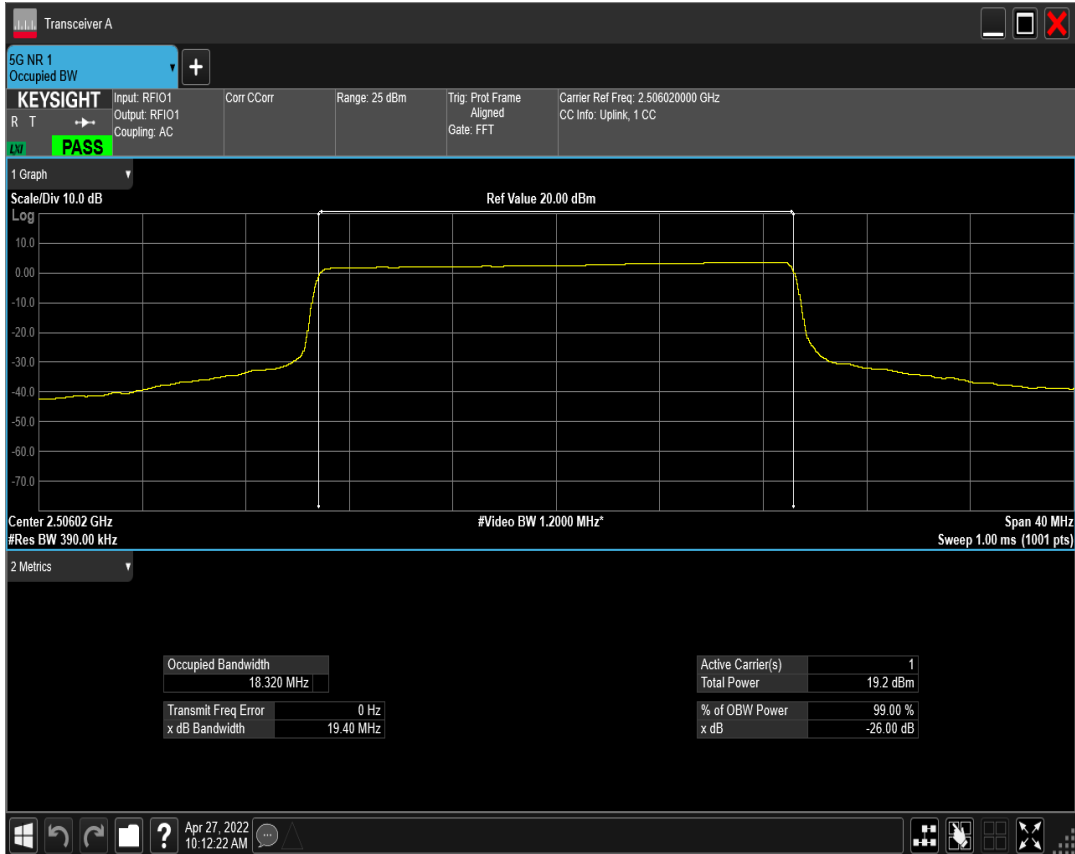
n41	ant1	30	40	518598	106@0	CP_QAM64	37.990	40.100	PASS
n41	ant2	30	40	518598	106@0	CP_QAM64	38.090	40.080	PASS
n41	ant1	30	40	518598	106@0	CP_QAM256	37.980	40.080	PASS
n41	ant2	30	40	518598	106@0	CP_QAM256	38.100	40.080	PASS
n41	ant1	30	40	534000	106@0	CP_QPSK	37.990	40.080	PASS
n41	ant2	30	40	534000	106@0	CP_QPSK	38.100	40.040	PASS
n41	ant1	30	40	534000	106@0	CP_QAM16	37.980	40.050	PASS
n41	ant2	30	40	534000	106@0	CP_QAM16	38.110	40.040	PASS
n41	ant1	30	40	534000	106@0	CP_QAM64	37.990	40.100	PASS
n41	ant2	30	40	534000	106@0	CP_QAM64	38.110	40.050	PASS
n41	ant1	30	40	534000	106@0	CP_QAM256	37.990	40.060	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	50.190	PASS
n41	ant2	30	50	504204	133@0	CP_QPSK	47.690	50.170	PASS
n41	ant1	30	50	504204	133@0	CP_QAM16	47.630	50.180	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	50.210	PASS
n41	ant2	30	50	504204	133@0	CP_QAM64	47.800	50.190	PASS
n41	ant1	30	50	504204	133@0	CP_QAM256	47.640	50.180	PASS
n41	ant2	30	50	504204	133@0	CP_QAM256	47.700	50.180	PASS
n41	ant1	30	50	518598	133@0	CP_QPSK	47.660	50.250	PASS
n41	ant2	30	50	518598	133@0	CP_QPSK	47.820	50.200	PASS
n41	ant1	30	50	518598	133@0	CP_QAM16	47.650	50.240	PASS
n41	ant2	30	50	518598	133@0	CP_QAM16	47.820	50.200	PASS
n41	ant1	30	50	518598	133@0	CP_QAM64	47.660	50.250	PASS
n41	ant2	30	50	518598	133@0	CP_QAM64	47.830	50.220	PASS
n41	ant1	30	50	518598	133@0	CP_QAM256	47.660	50.250	PASS
n41	ant2	30	50	518598	133@0	CP_QAM256	47.830	50.250	PASS
n41	ant1	30	50	532998	133@0	CP_QPSK	47.670	50.250	PASS
n41	ant2	30	50	532998	133@0	CP_QPSK	47.810	50.170	PASS
n41	ant1	30	50	532998	133@0	CP_QAM16	47.660	50.250	PASS
n41	ant2	30	50	532998	133@0	CP_QAM16	47.700	50.190	PASS
n41	ant1	30	50	532998	133@0	CP_QAM64	47.670	50.280	PASS
n41	ant2	30	50	532998	133@0	CP_QAM64	47.820	50.210	PASS
n41	ant1	30	50	532998	133@0	CP_QAM256	47.670	50.240	PASS
n41	ant2	30	50	532998	133@0	CP_QAM256	47.820	50.240	PASS
n41	ant1	30	60	505200	162@0	CP_QPSK	57.940	61.030	PASS
n41	ant2	30	60	505200	162@0	CP_QPSK	58.090	60.990	PASS
n41	ant1	30	60	505200	162@0	CP_QAM16	57.930	61.040	PASS
n41	ant2	30	60	505200	162@0	CP_QAM16	58.090	60.990	PASS
n41	ant1	30	60	505200	162@0	CP_QAM64	57.930	61.010	PASS
n41	ant2	30	60	505200	162@0	CP_QAM64	57.950	60.980	PASS

n41	ant1	30	60	505200	162@0	CP_QAM256	57.920	61.010	PASS
n41	ant2	30	60	505200	162@0	CP_QAM256	58.080	61.000	PASS
n41	ant1	30	60	518598	162@0	CP_QPSK	57.940	61.050	PASS
n41	ant2	30	60	518598	162@0	CP_QPSK	58.180	61.050	PASS
n41	ant1	30	60	518598	162@0	CP_QAM16	57.940	61.050	PASS
n41	ant2	30	60	518598	162@0	CP_QAM16	58.180	61.060	PASS
n41	ant1	30	60	518598	162@0	CP_QAM64	57.940	61.040	PASS
n41	ant2	30	60	518598	162@0	CP_QAM64	58.160	61.050	PASS
n41	ant1	30	60	518598	162@0	CP_QAM256	57.930	61.040	PASS
n41	ant2	30	60	518598	162@0	CP_QAM256	58.170	61.080	PASS
n41	ant1	30	60	531996	162@0	CP_QPSK	58.100	61.090	PASS
n41	ant2	30	60	531996	162@0	CP_QPSK	58.130	61.010	PASS
n41	ant1	30	60	531996	162@0	CP_QAM16	58.100	61.110	PASS
n41	ant2	30	60	531996	162@0	CP_QAM16	58.130	61.000	PASS
n41	ant1	30	60	531996	162@0	CP_QAM64	58.090	61.070	PASS
n41	ant2	30	60	531996	162@0	CP_QAM64	58.120	61.030	PASS
n41	ant1	30	60	531996	162@0	CP_QAM256	58.090	61.070	PASS
n41	ant2	30	60	531996	162@0	CP_QAM256	58.120	61.050	PASS
n41	ant1	30	80	507204	217@0	CP_QPSK	77.770	81.700	PASS
n41	ant2	30	80	507204	217@0	CP_QPSK	77.550	81.670	PASS
n41	ant1	30	80	507204	217@0	CP_QAM16	77.770	81.700	PASS
n41	ant2	30	80	507204	217@0	CP_QAM16	77.560	81.680	PASS
n41	ant1	30	80	507204	217@0	CP_QAM64	77.770	81.720	PASS
n41	ant2	30	80	507204	217@0	CP_QAM64	77.560	81.680	PASS
n41	ant1	30	80	507204	217@0	CP_QAM256	77.780	81.720	PASS
n41	ant2	30	80	507204	217@0	CP_QAM256	77.570	81.710	PASS
n41	ant1	30	80	518598	217@0	CP_QPSK	77.550	81.730	PASS
n41	ant2	30	80	518598	217@0	CP_QPSK	78.090	81.820	PASS
n41	ant1	30	80	518598	217@0	CP_QAM16	77.550	81.700	PASS
n41	ant2	30	80	518598	217@0	CP_QAM16	78.090	81.820	PASS
n41	ant1	30	80	518598	217@0	CP_QAM64	77.570	81.730	PASS
n41	ant2	30	80	518598	217@0	CP_QAM64	78.090	81.820	PASS
n41	ant1	30	80	518598	217@0	CP_QAM256	77.580	81.750	PASS
n41	ant2	30	80	518598	217@0	CP_QAM256	78.110	81.850	PASS
n41	ant1	30	80	529998	217@0	CP_QPSK	77.840	81.750	PASS
n41	ant2	30	80	529998	217@0	CP_QPSK	77.580	81.690	PASS
n41	ant1	30	80	529998	217@0	CP_QAM16	77.830	81.750	PASS
n41	ant2	30	80	529998	217@0	CP_QAM16	77.580	81.700	PASS
n41	ant1	30	80	529998	217@0	CP_QAM64	77.850	81.760	PASS
n41	ant2	30	80	529998	217@0	CP_QAM64	77.590	81.720	PASS
n41	ant1	30	80	529998	217@0	CP_QAM256	77.860	81.760	PASS
n41	ant2	30	80	529998	217@0	CP_QAM256	77.770	81.740	PASS

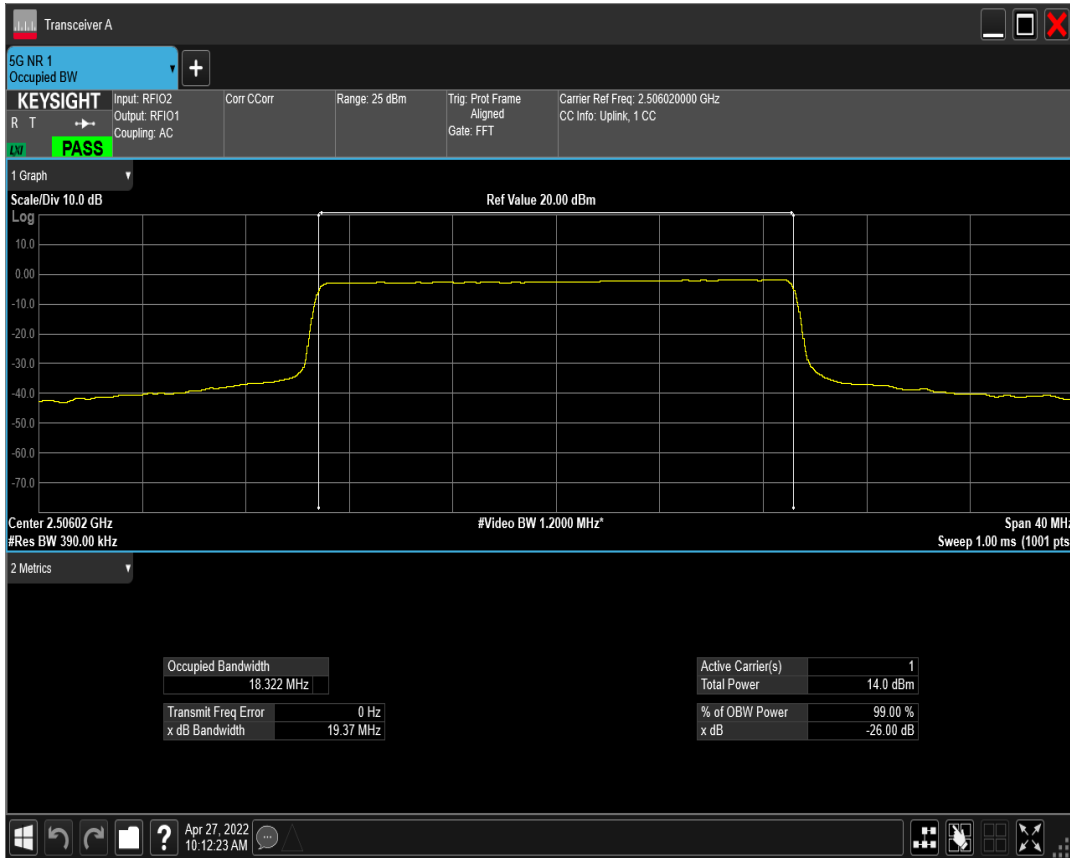
n41	ant1	30	90	508200	245@0	CP_QPSK	87.850	92.240	PASS
n41	ant2	30	90	508200	245@0	CP_QPSK	87.590	92.230	PASS
n41	ant1	30	90	508200	245@0	CP_QAM16	87.860	92.240	PASS
n41	ant2	30	90	508200	245@0	CP_QAM16	87.610	92.260	PASS
n41	ant1	30	90	508200	245@0	CP_QAM64	87.640	92.230	PASS
n41	ant2	30	90	508200	245@0	CP_QAM64	87.580	92.200	PASS
n41	ant1	30	90	508200	245@0	CP_QAM256	87.850	92.260	PASS
n41	ant2	30	90	508200	245@0	CP_QAM256	87.590	92.290	PASS
n41	ant1	30	90	518598	245@0	CP_QPSK	87.600	92.300	PASS
n41	ant2	30	90	518598	245@0	CP_QPSK	88.010	92.440	PASS
n41	ant1	30	90	518598	245@0	CP_QAM16	87.620	92.280	PASS
n41	ant2	30	90	518598	245@0	CP_QAM16	88.210	92.460	PASS
n41	ant1	30	90	518598	245@0	CP_QAM64	87.600	92.270	PASS
n41	ant2	30	90	518598	245@0	CP_QAM64	87.990	92.410	PASS
n41	ant1	30	90	518598	245@0	CP_QAM256	87.620	92.310	PASS
n41	ant2	30	90	518598	245@0	CP_QAM256	88.020	92.470	PASS
n41	ant1	30	90	528996	245@0	CP_QPSK	87.920	92.310	PASS
n41	ant2	30	90	528996	245@0	CP_QPSK	87.580	92.220	PASS
n41	ant1	30	90	528996	245@0	CP_QAM16	87.930	92.300	PASS
n41	ant2	30	90	528996	245@0	CP_QAM16	87.600	92.230	PASS
n41	ant1	30	90	528996	245@0	CP_QAM64	87.910	92.310	PASS
n41	ant2	30	90	528996	245@0	CP_QAM64	87.560	92.190	PASS
n41	ant1	30	90	528996	245@0	CP_QAM256	87.930	92.300	PASS
n41	ant2	30	90	528996	245@0	CP_QAM256	87.590	92.280	PASS
n41	ant1	30	100	509202	273@0	CP_QPSK	97.750	102.740	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	97.660	102.750	PASS
n41	ant1	30	100	509202	273@0	CP_QAM16	97.750	102.740	PASS
n41	ant2	30	100	509202	273@0	CP_QAM16	97.680	102.750	PASS
n41	ant1	30	100	509202	273@0	CP_QAM64	97.760	102.750	PASS
n41	ant2	30	100	509202	273@0	CP_QAM64	97.660	102.750	PASS
n41	ant1	30	100	509202	273@0	CP_QAM256	97.760	102.690	PASS
n41	ant2	30	100	509202	273@0	CP_QAM256	97.700	102.880	PASS
n41	ant1	30	100	518598	273@0	CP_QPSK	97.710	102.780	PASS
n41	ant2	30	100	518598	273@0	CP_QPSK	98.130	102.870	PASS
n41	ant1	30	100	518598	273@0	CP_QAM16	97.710	102.780	PASS
n41	ant2	30	100	518598	273@0	CP_QAM16	98.130	102.870	PASS
n41	ant1	30	100	518598	273@0	CP_QAM64	97.710	102.780	PASS
n41	ant2	30	100	518598	273@0	CP_QAM64	98.110	102.860	PASS
n41	ant1	30	100	518598	273@0	CP_QAM256	97.720	102.790	PASS
n41	ant2	30	100	518598	273@0	CP_QAM256	98.160	102.990	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	98.010	102.780	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	97.670	102.740	PASS

n41	ant1	30	100	528000	273@0	CP_QAM16	98.020	102.780	PASS
n41	ant2	30	100	528000	273@0	CP_QAM16	97.680	102.750	PASS
n41	ant1	30	100	528000	273@0	CP_QAM64	98.010	102.820	PASS
n41	ant2	30	100	528000	273@0	CP_QAM64	97.670	102.760	PASS
n41	ant1	30	100	528000	273@0	CP_QAM256	98.020	102.770	PASS
n41	ant2	30	100	528000	273@0	CP_QAM256	97.710	102.880	PASS

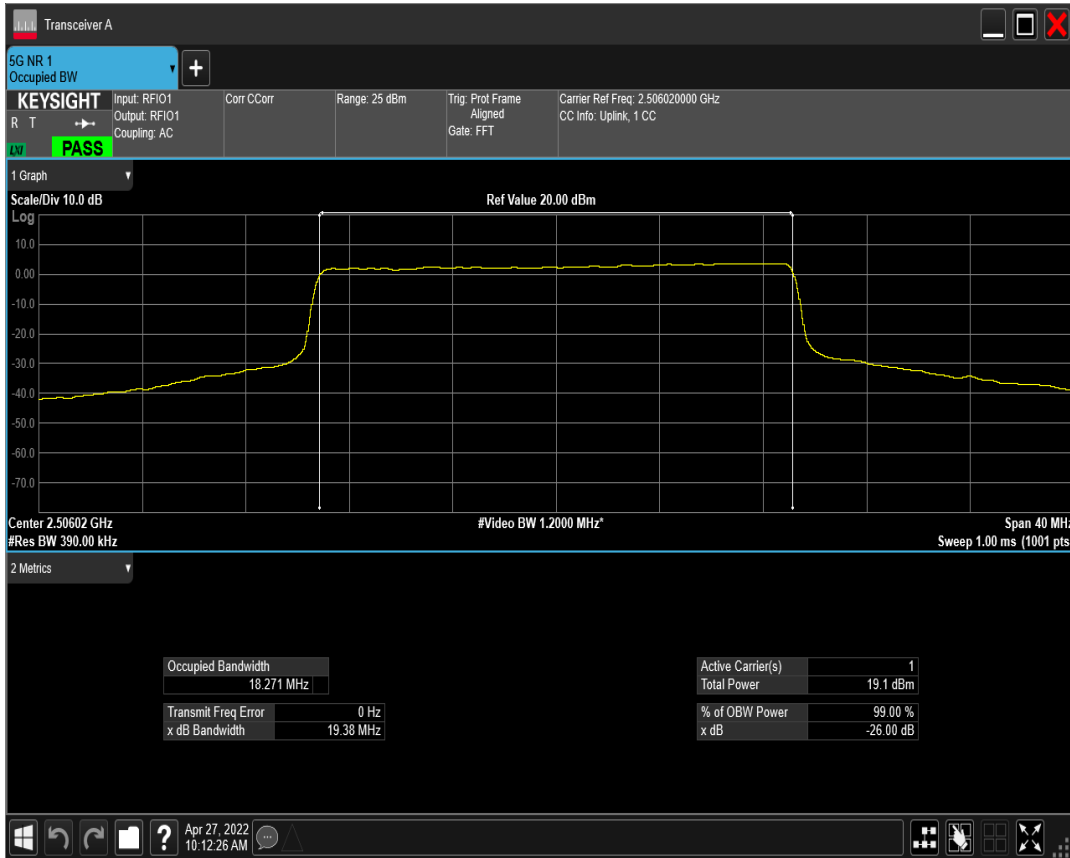
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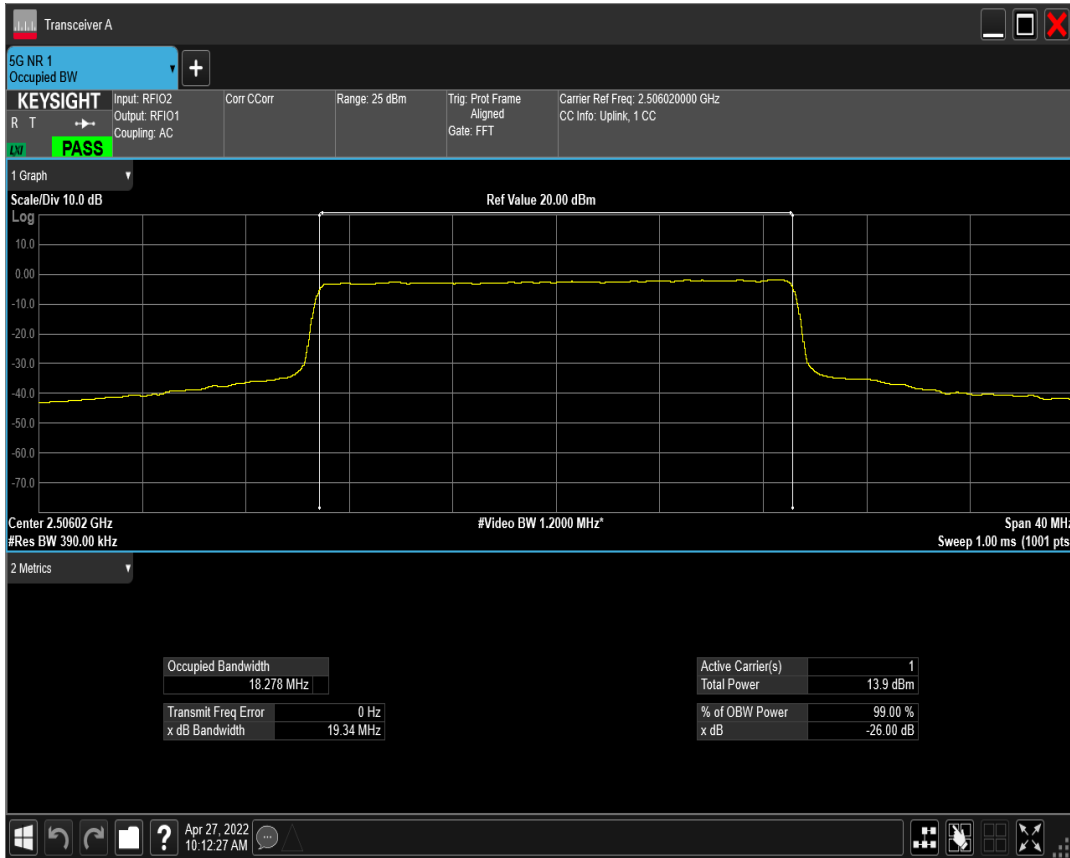
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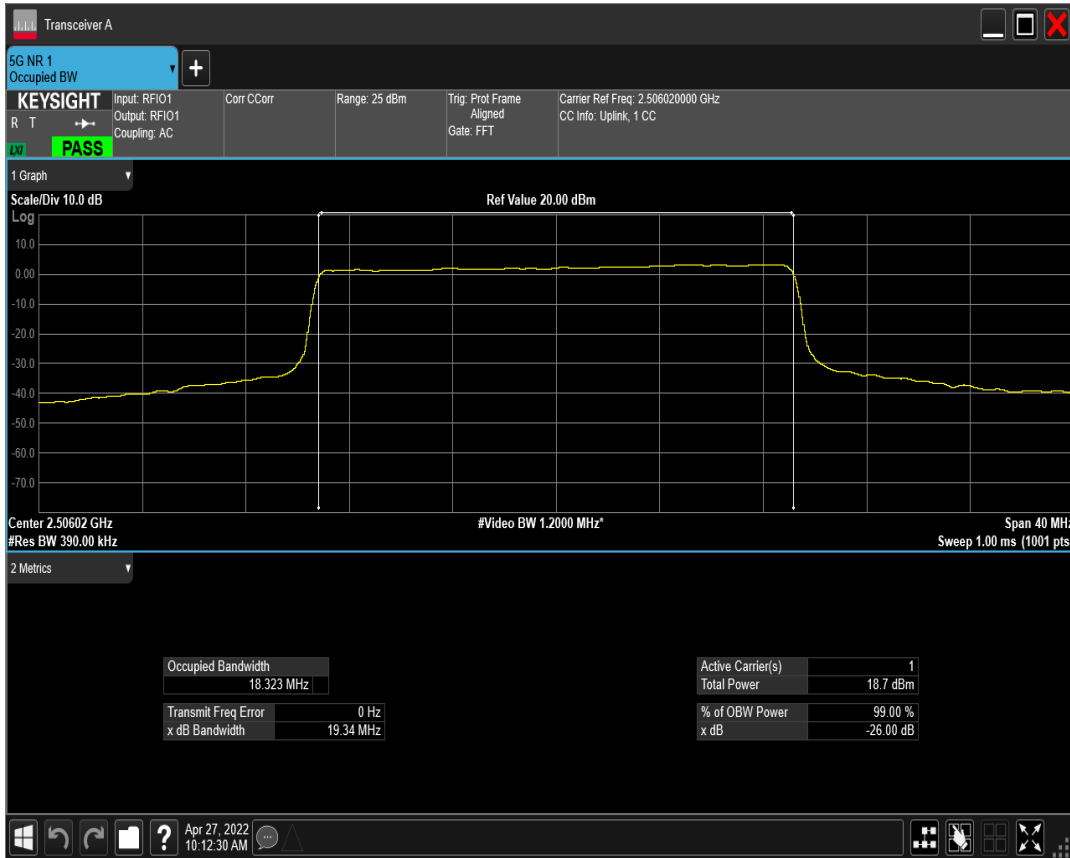
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=501204 RB=51 @0 ant1



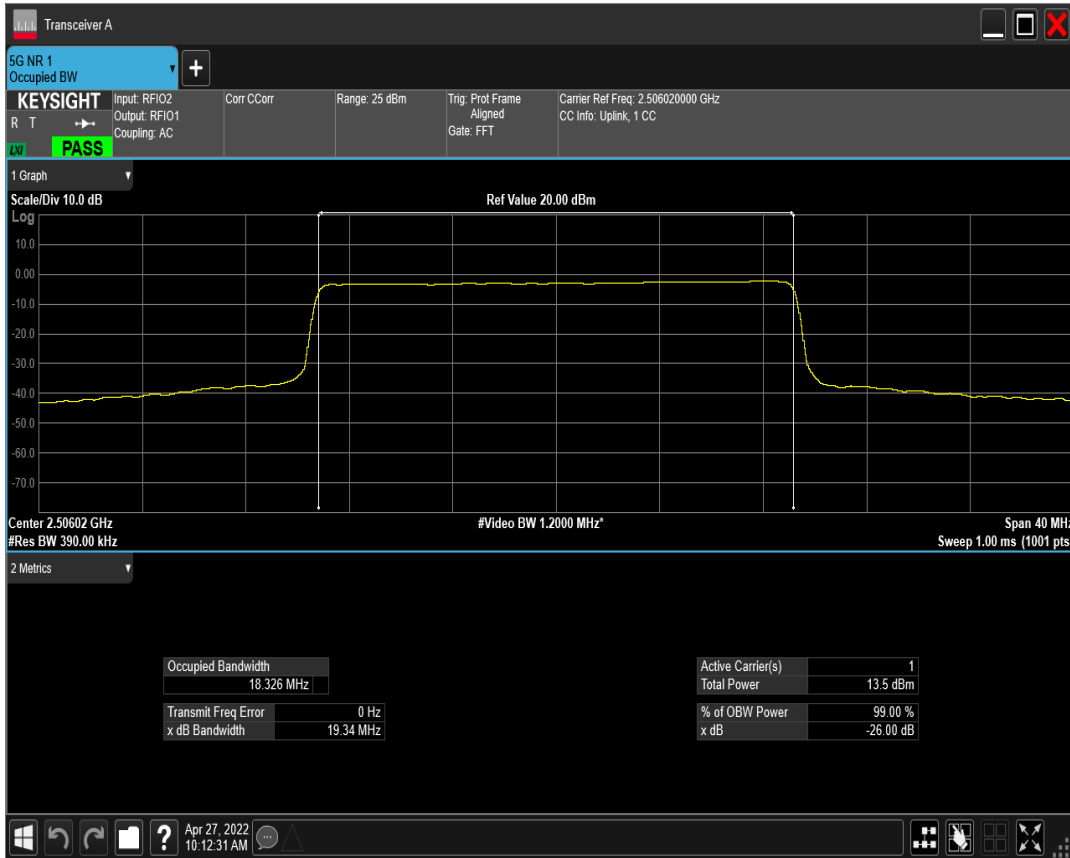
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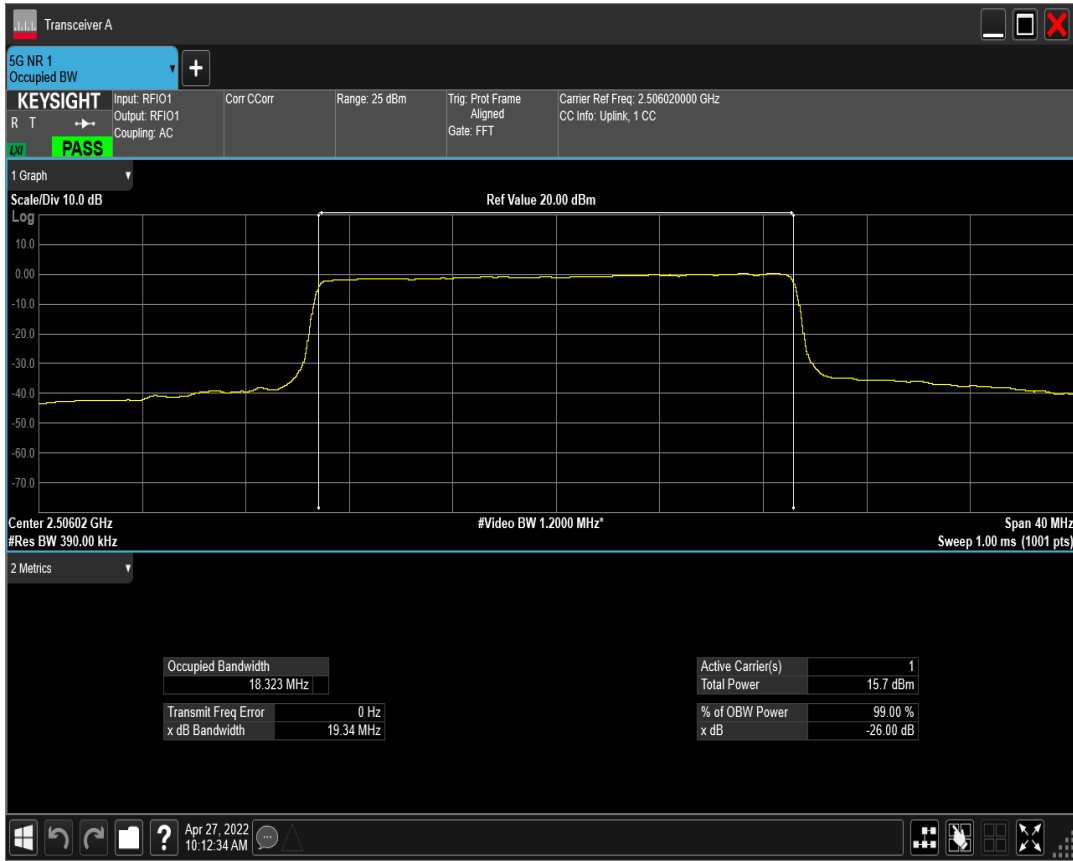
n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=501204 RB=51 @0 ant1



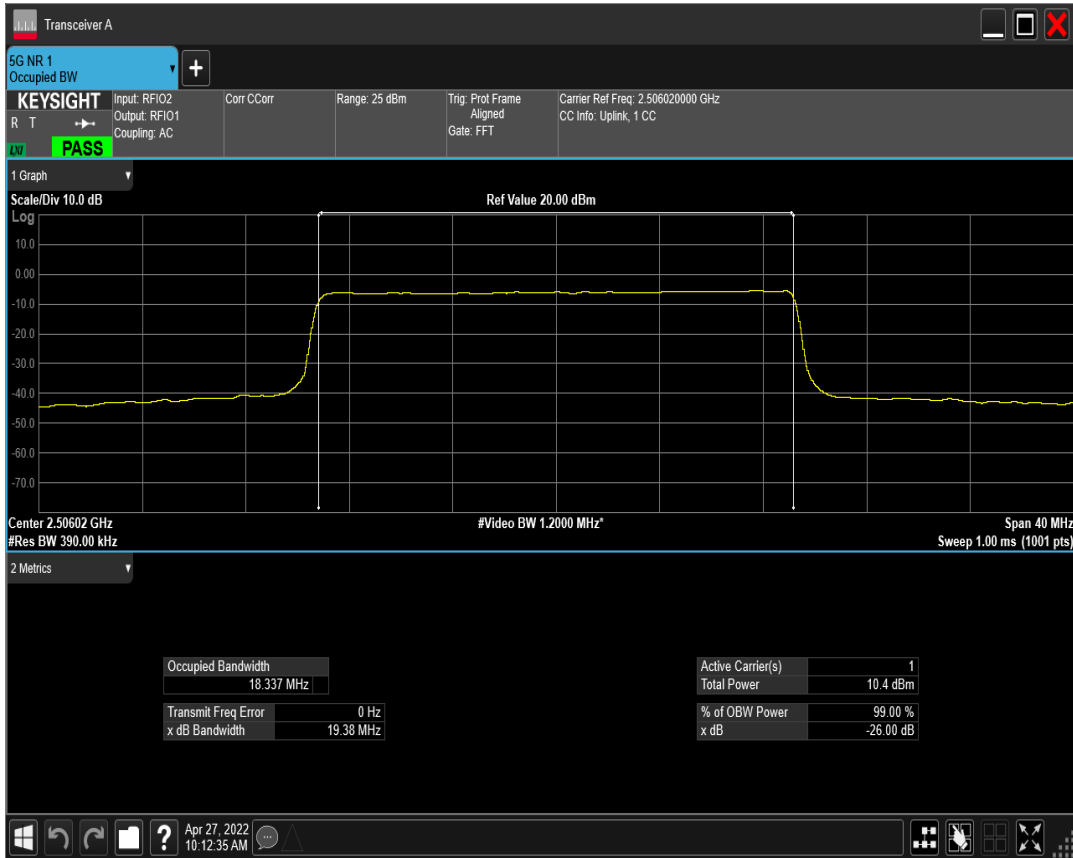
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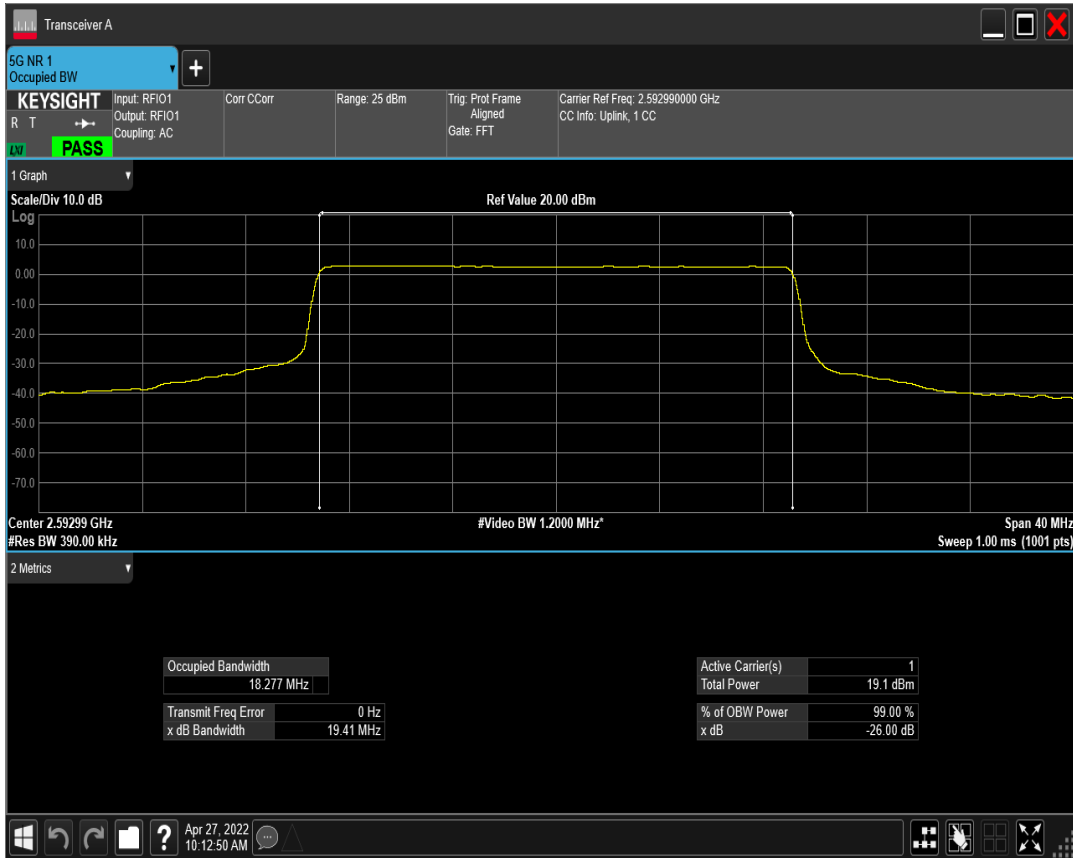
n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=501204 RB=51 @0 ant1



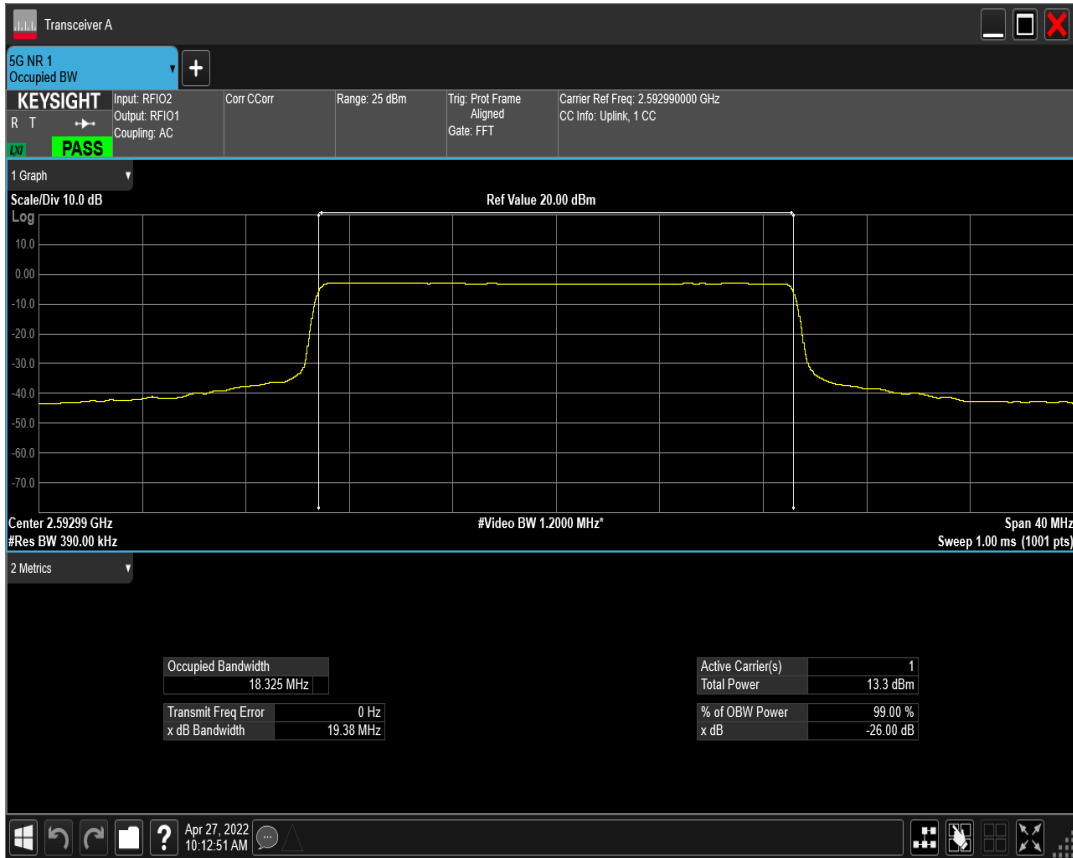
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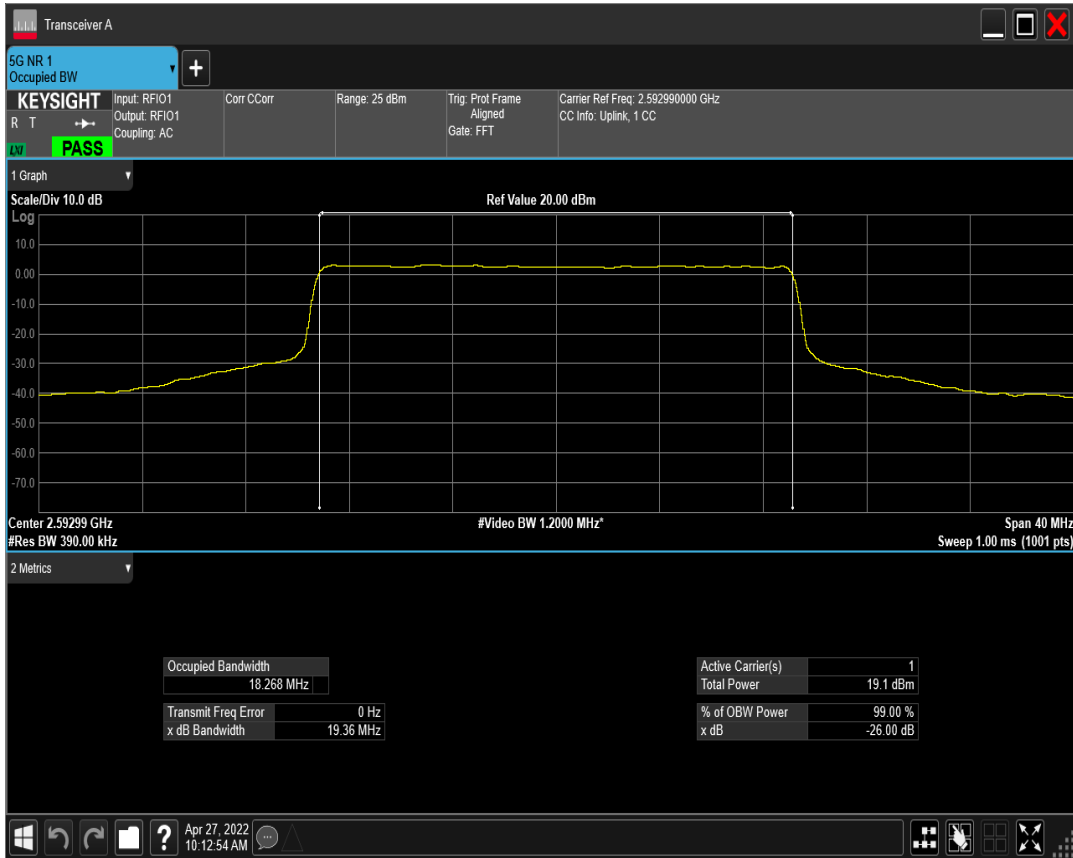
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51 @0 ant1



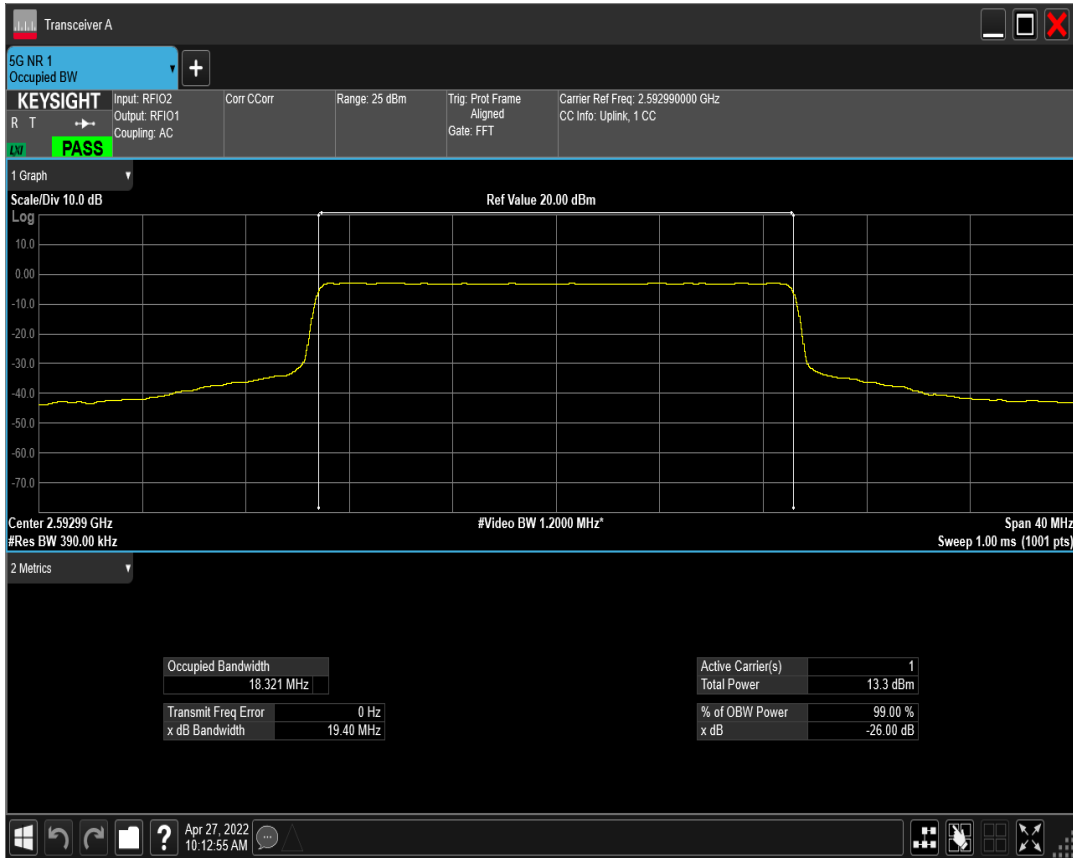
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n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=518598 RB=51 @0 ant1



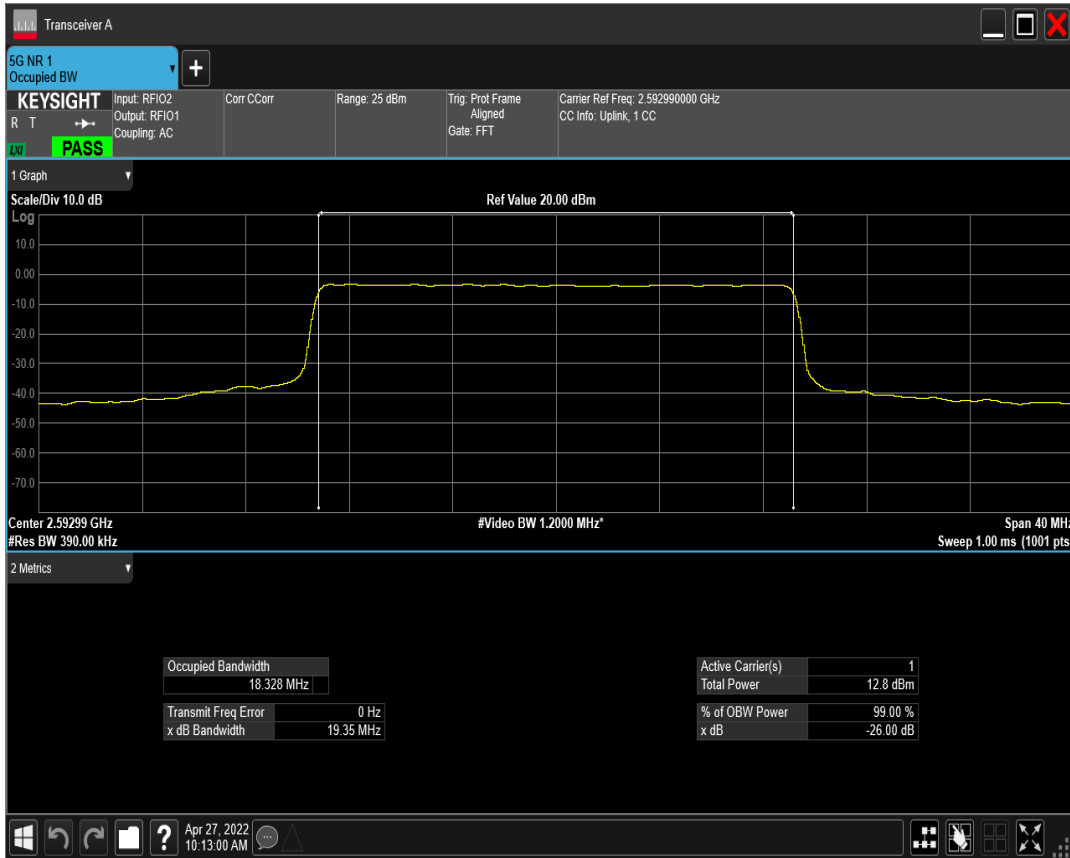
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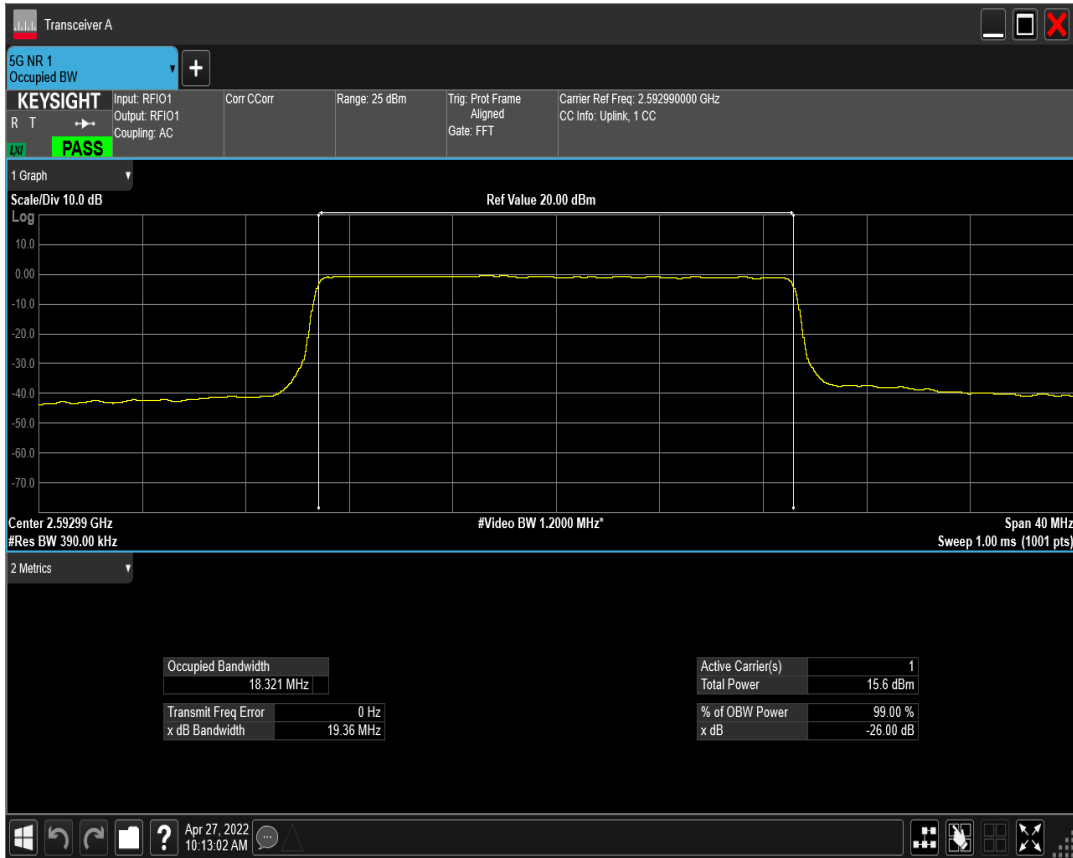
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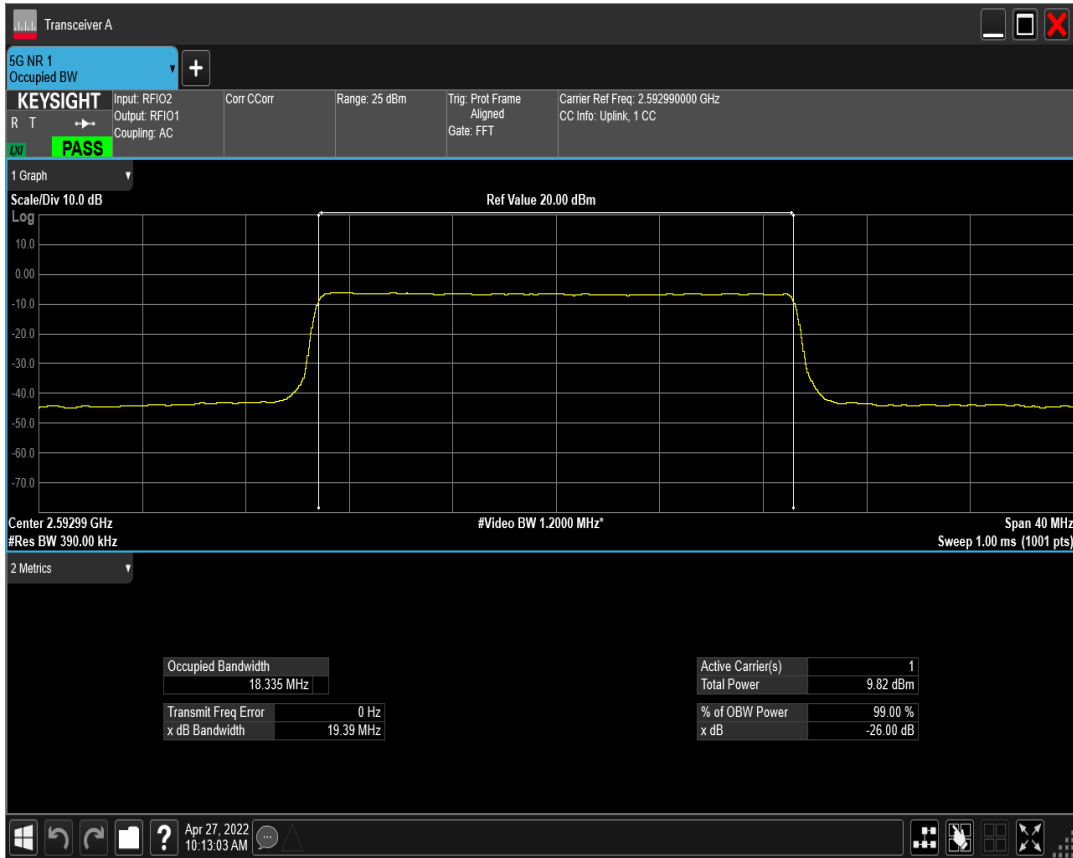
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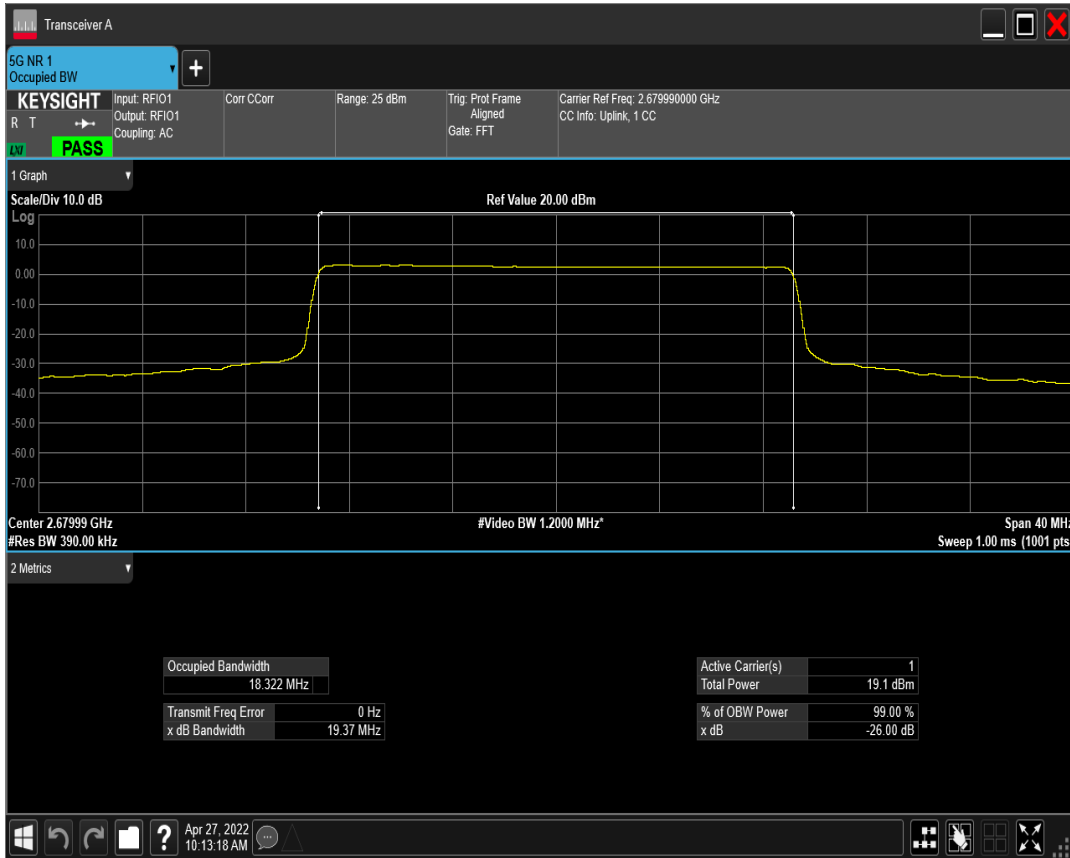
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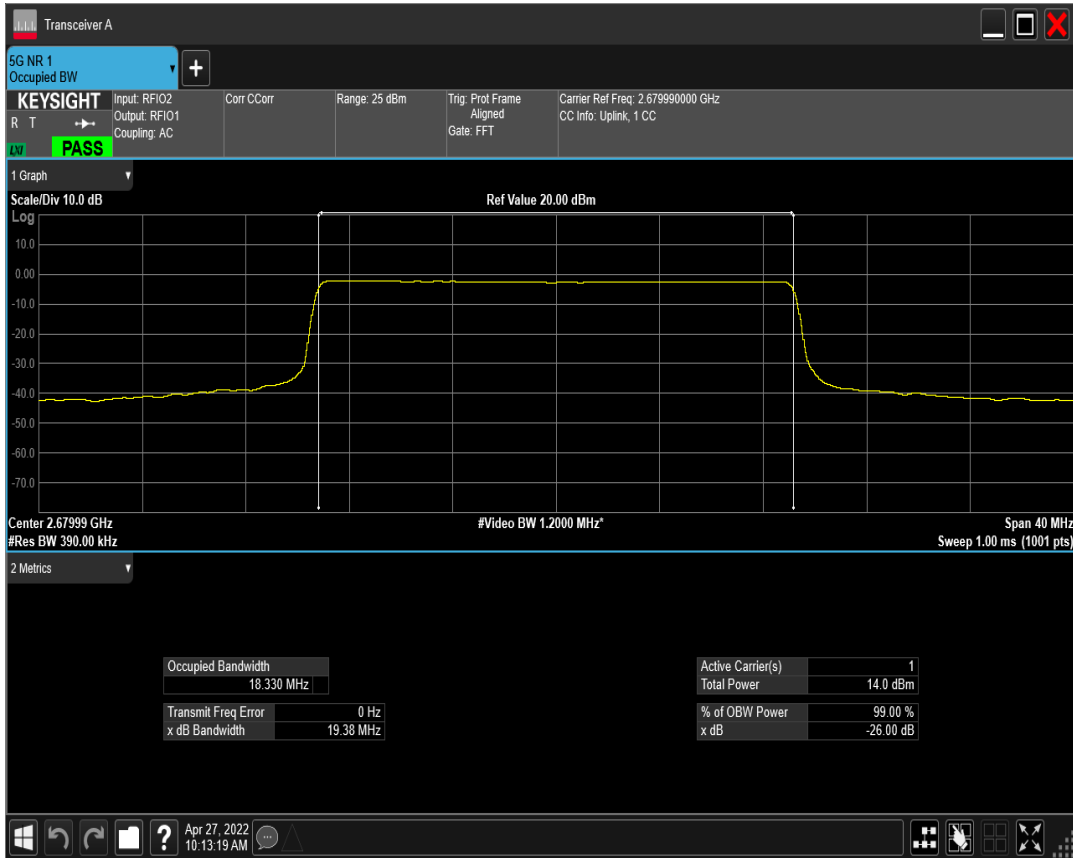
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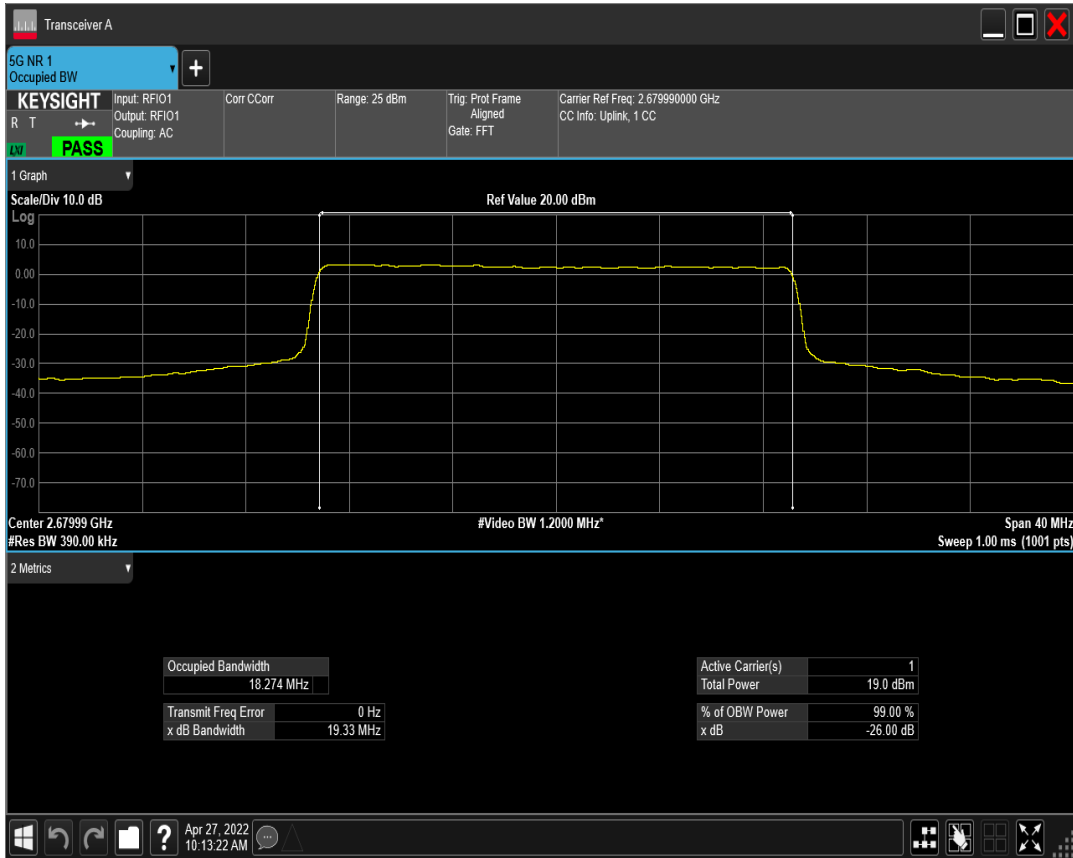
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51 @0 ant1



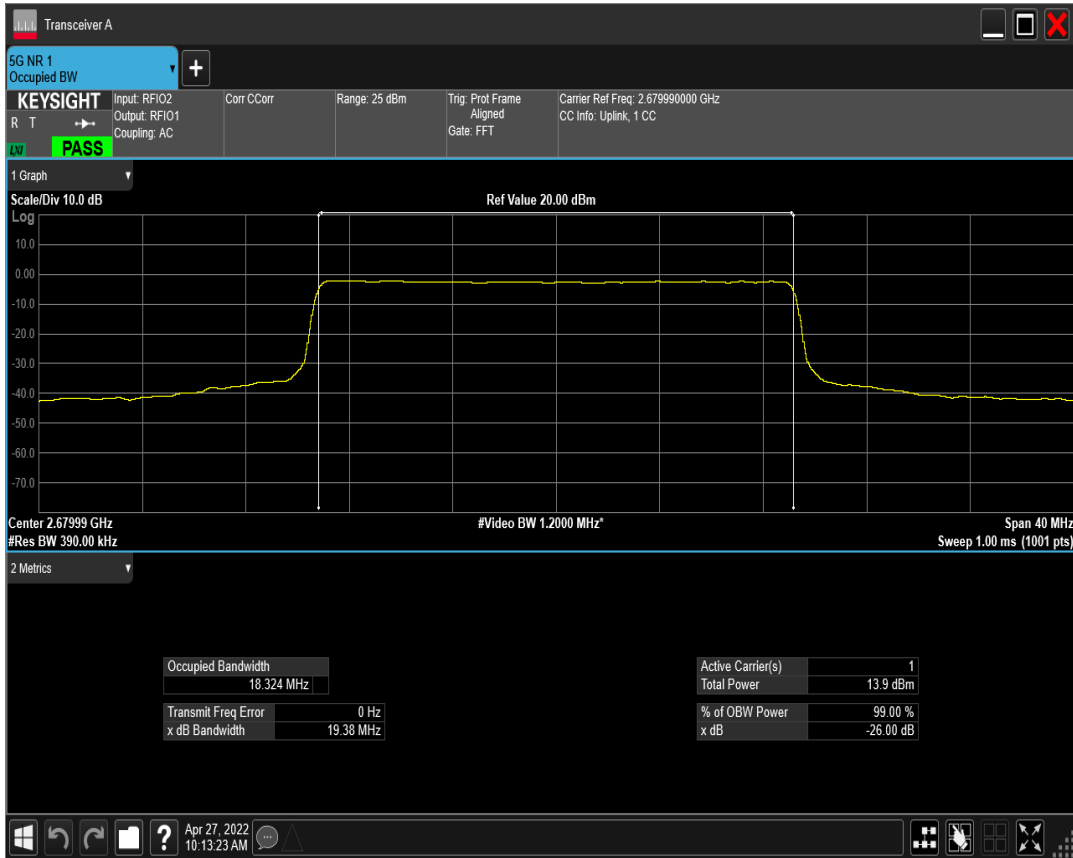
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51 @0 ant2



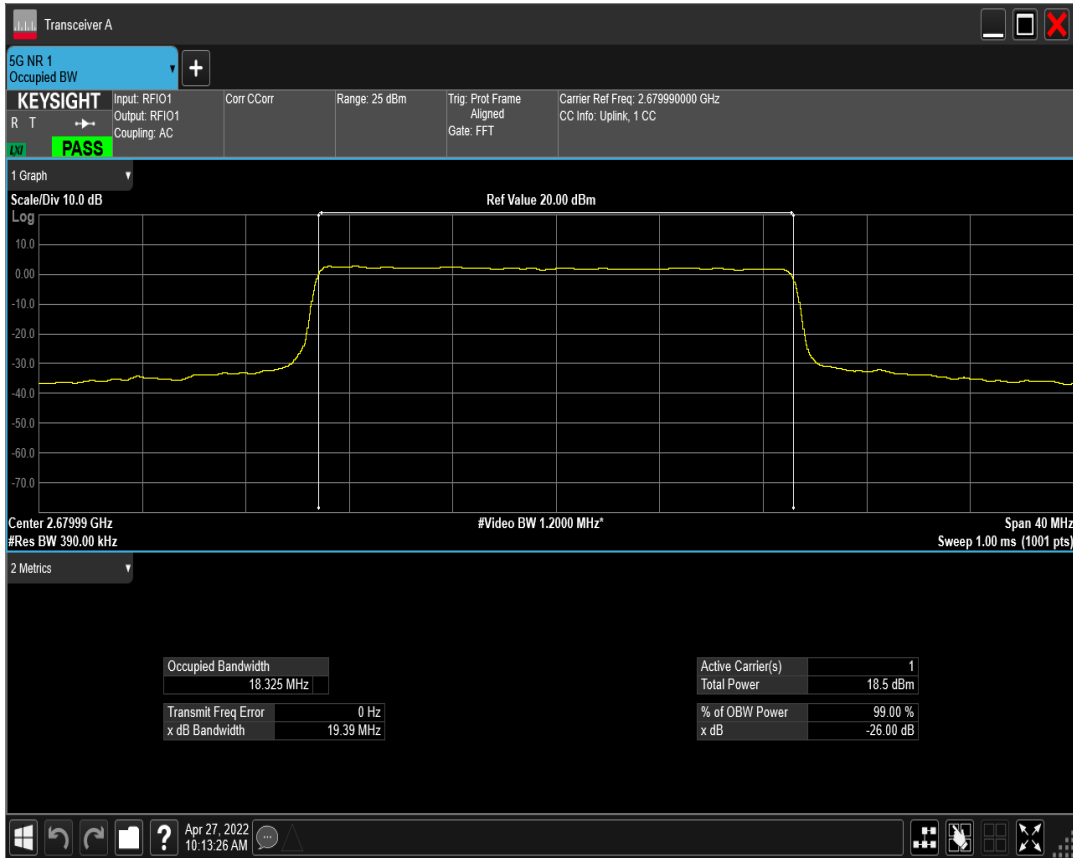
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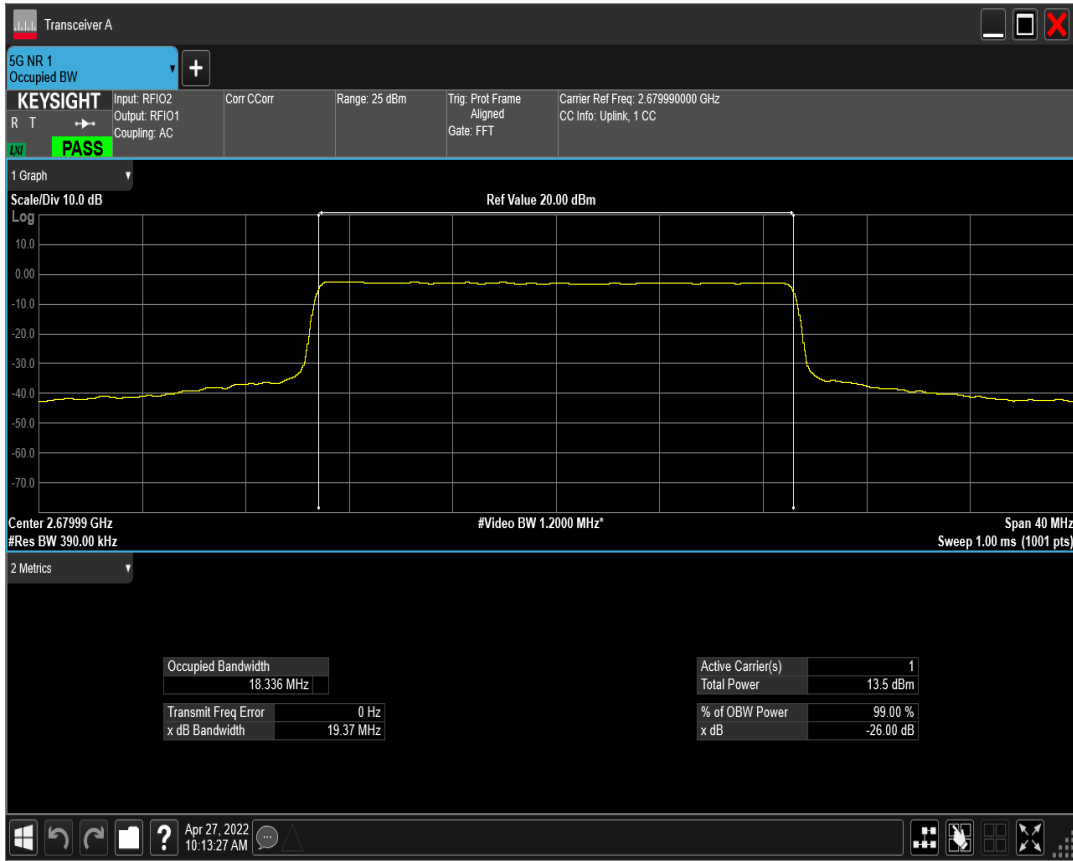
n41 SCS=30kHz CP_QAM16 BW=20MHz Channel=535998 RB=51 @0 ant2



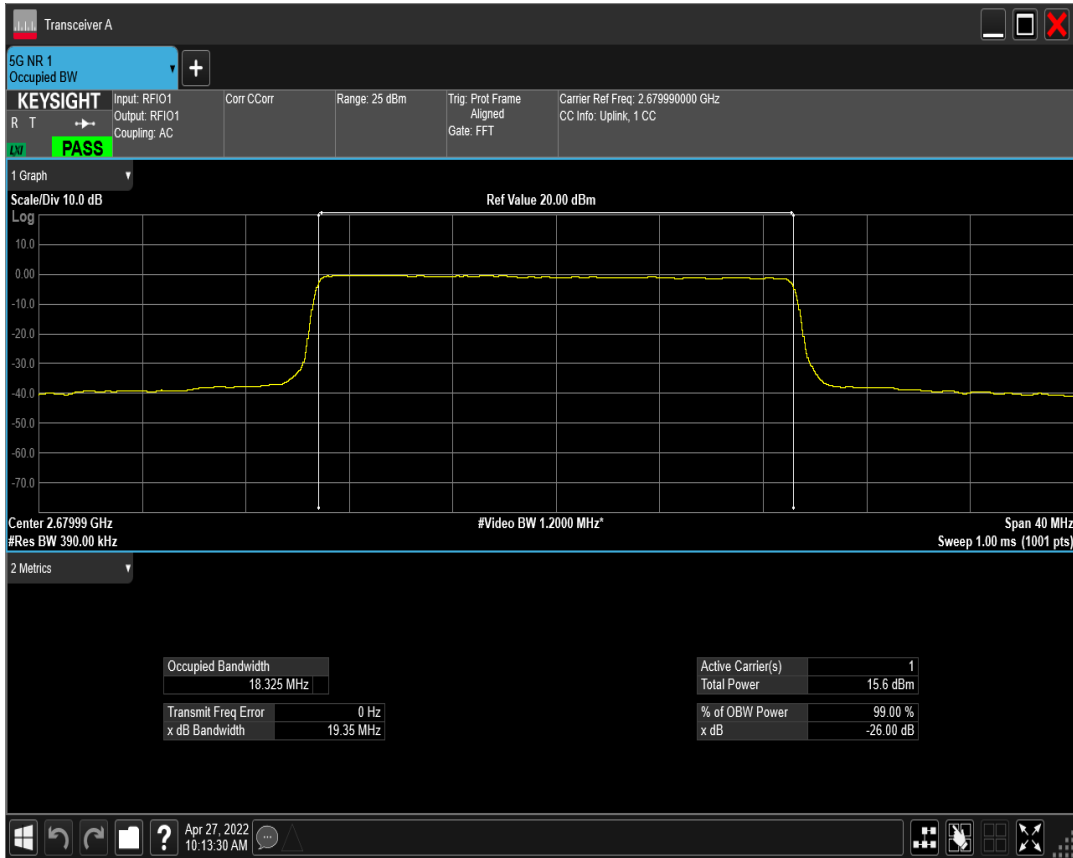
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n41 SCS=30kHz CP_QAM64 BW=20MHz Channel=535998 RB=51 @0 ant2



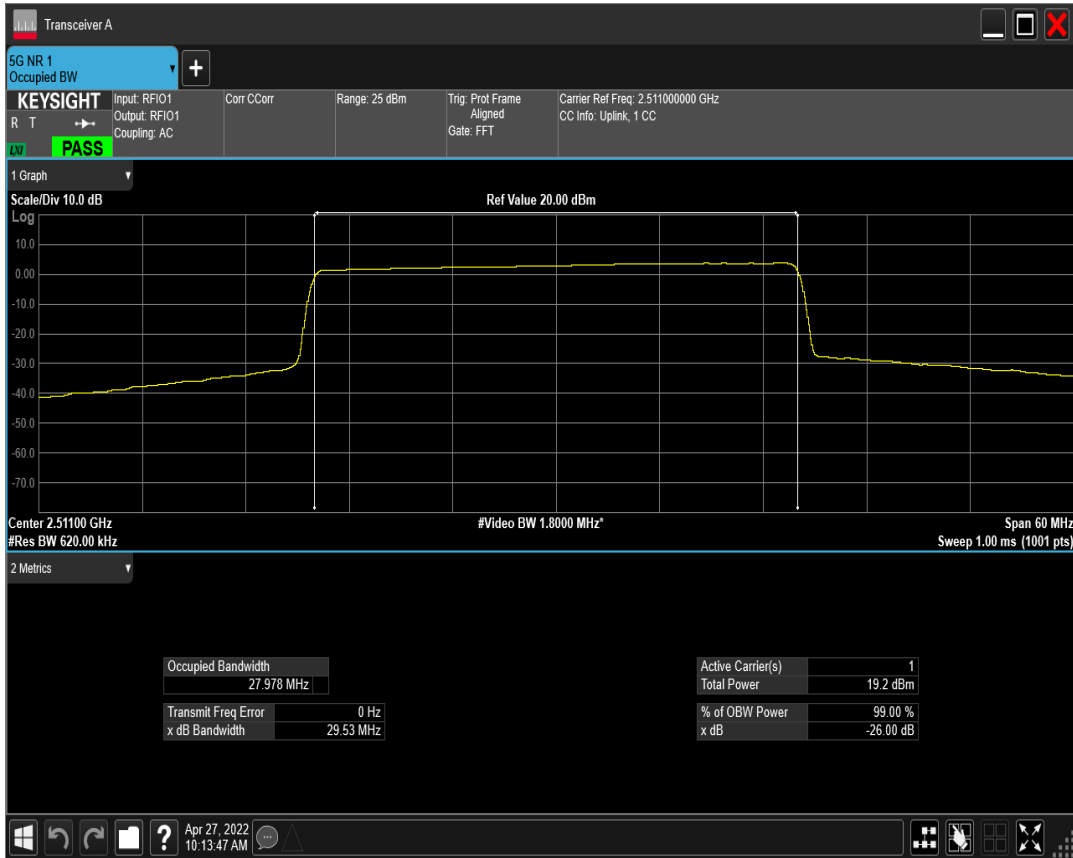
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n41 SCS=30kHz CP_QAM256 BW=20MHz Channel=535998 RB=51 @0 ant2



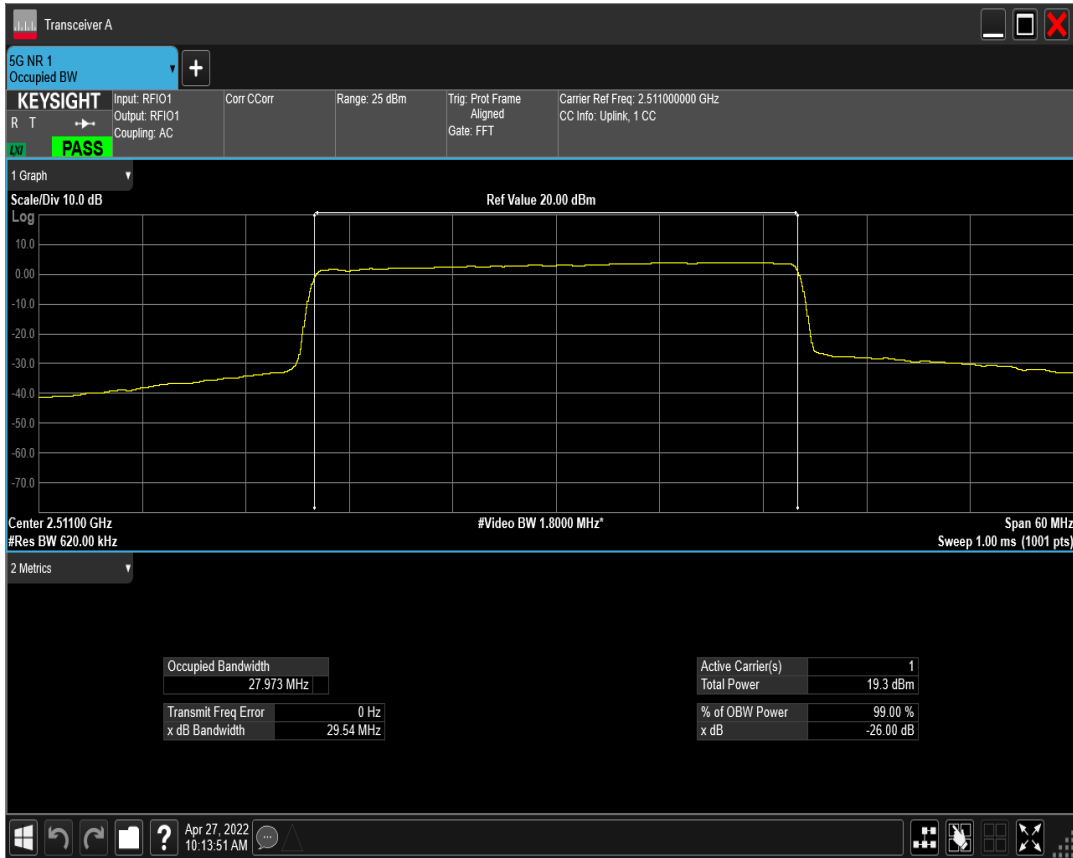
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n41 SCS=30kHz CP_QPSK BW=30MHz Channel=502200 RB=78@0 ant2



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



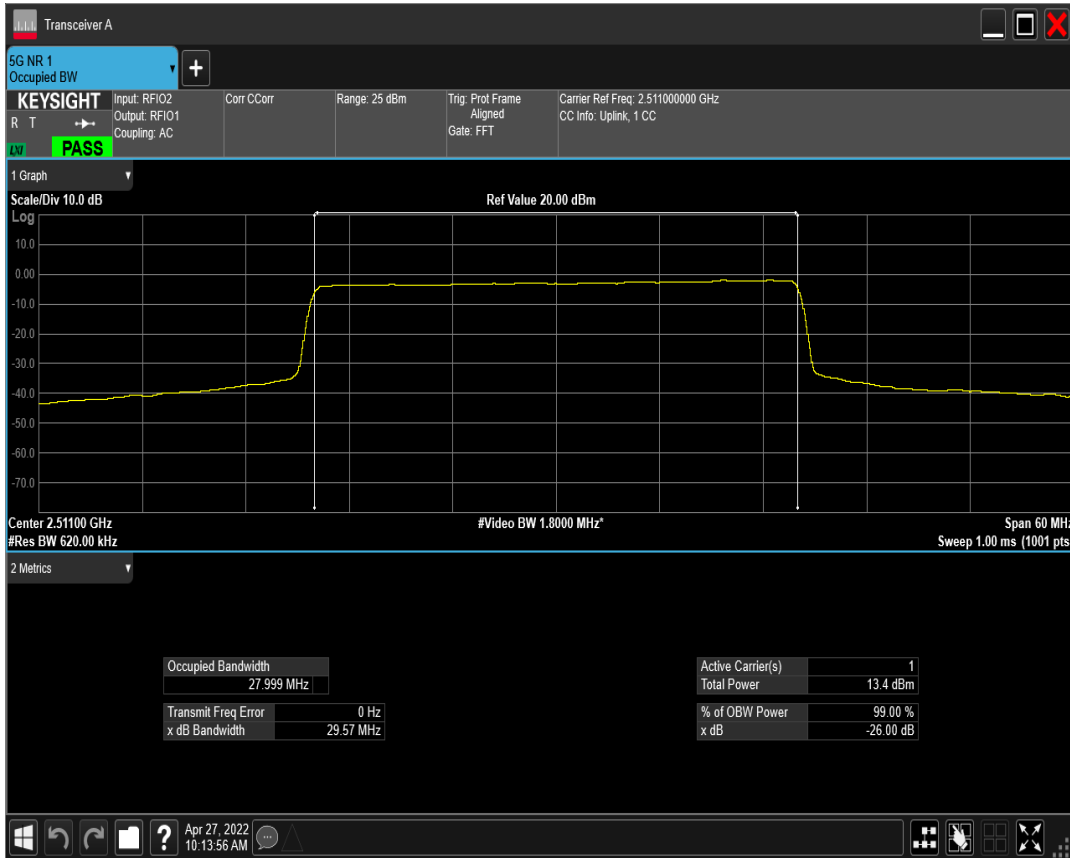
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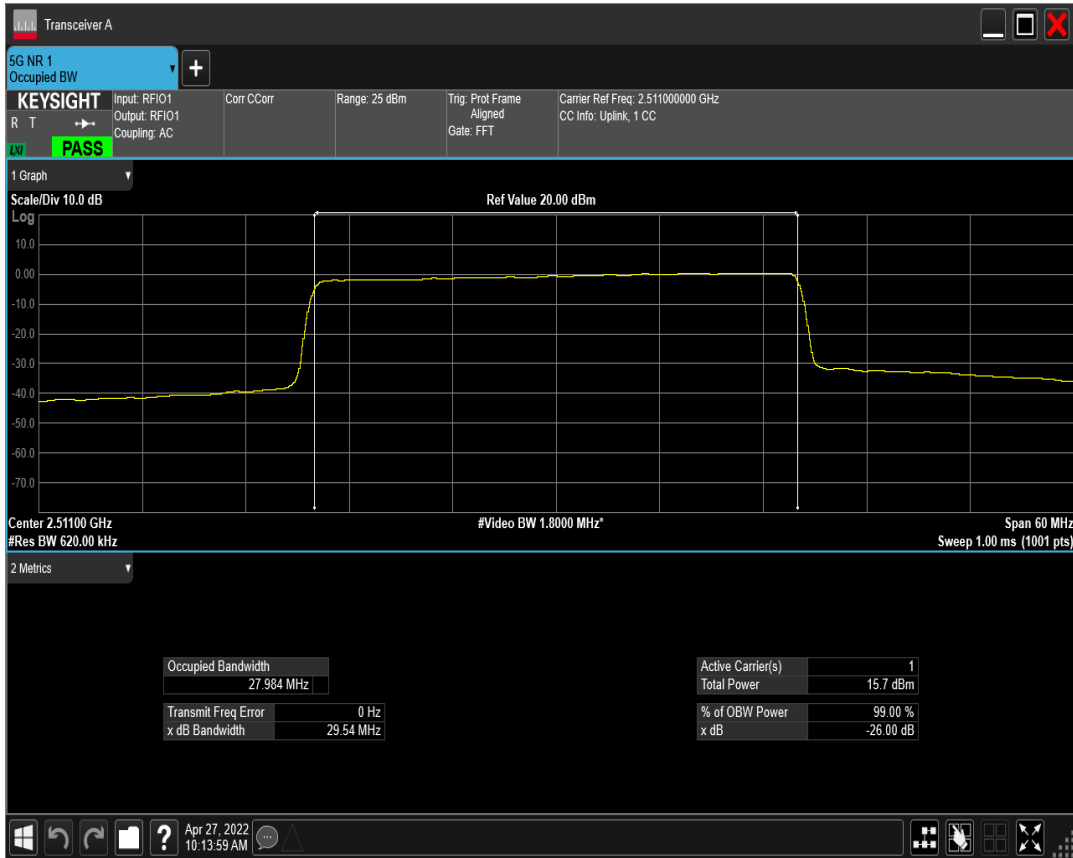
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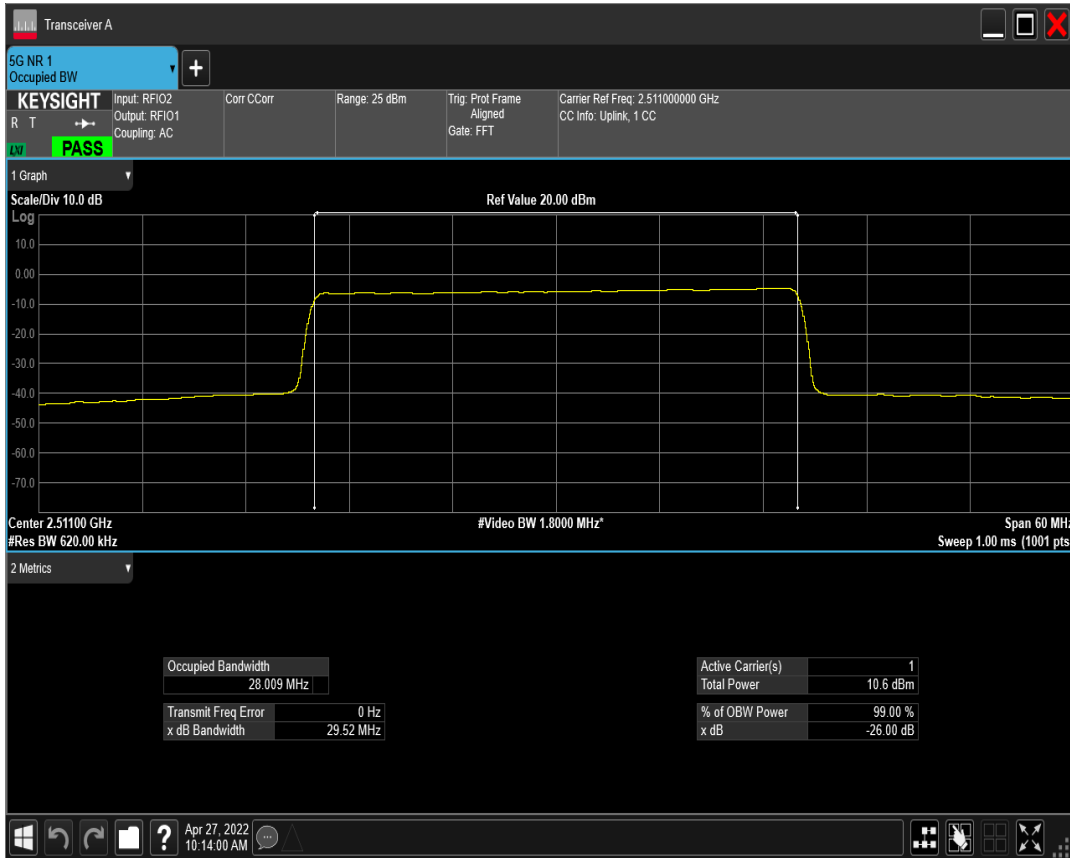
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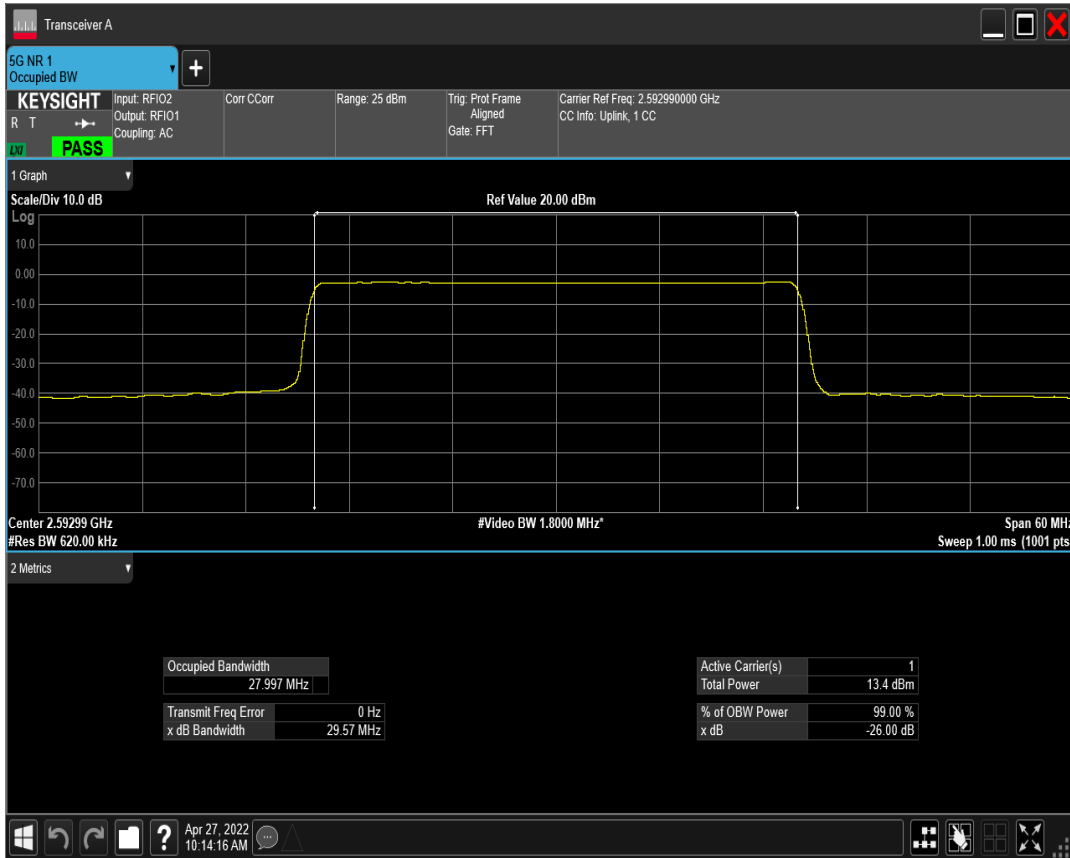
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n41 SCS=30kHz CP_QPSK BW=30MHz Channel=518598 RB=78@0 ant1



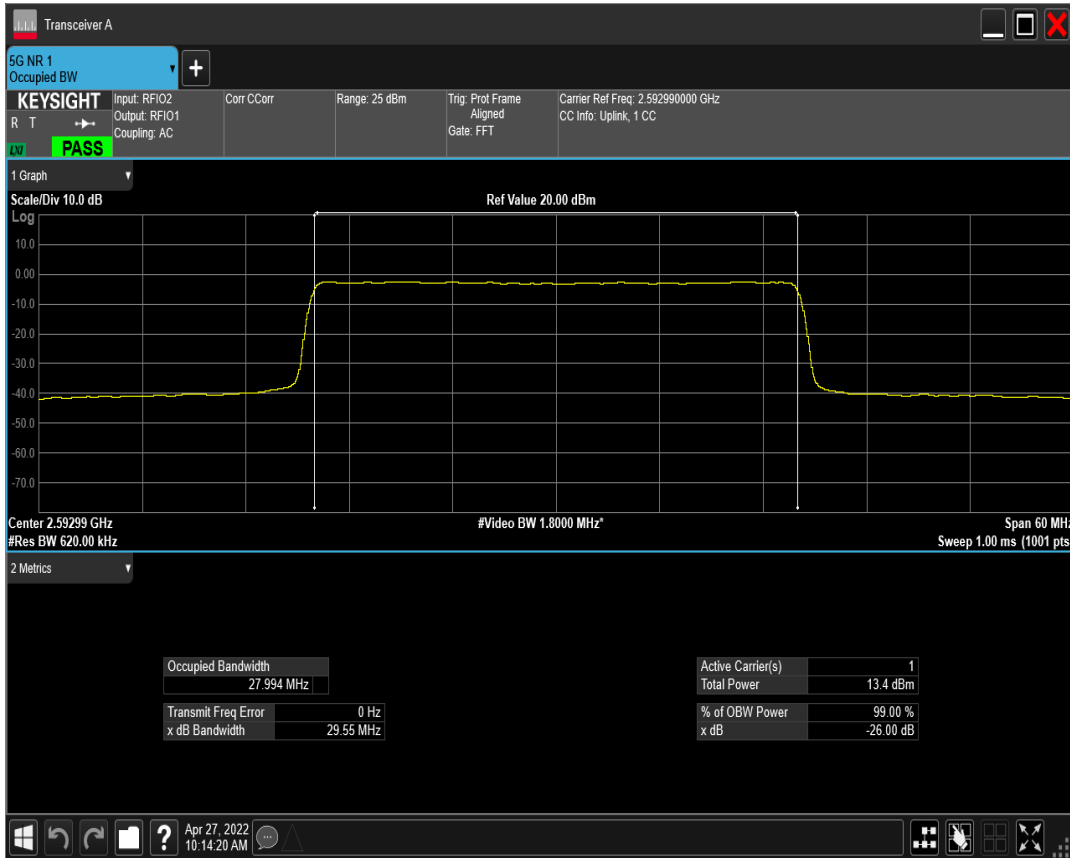
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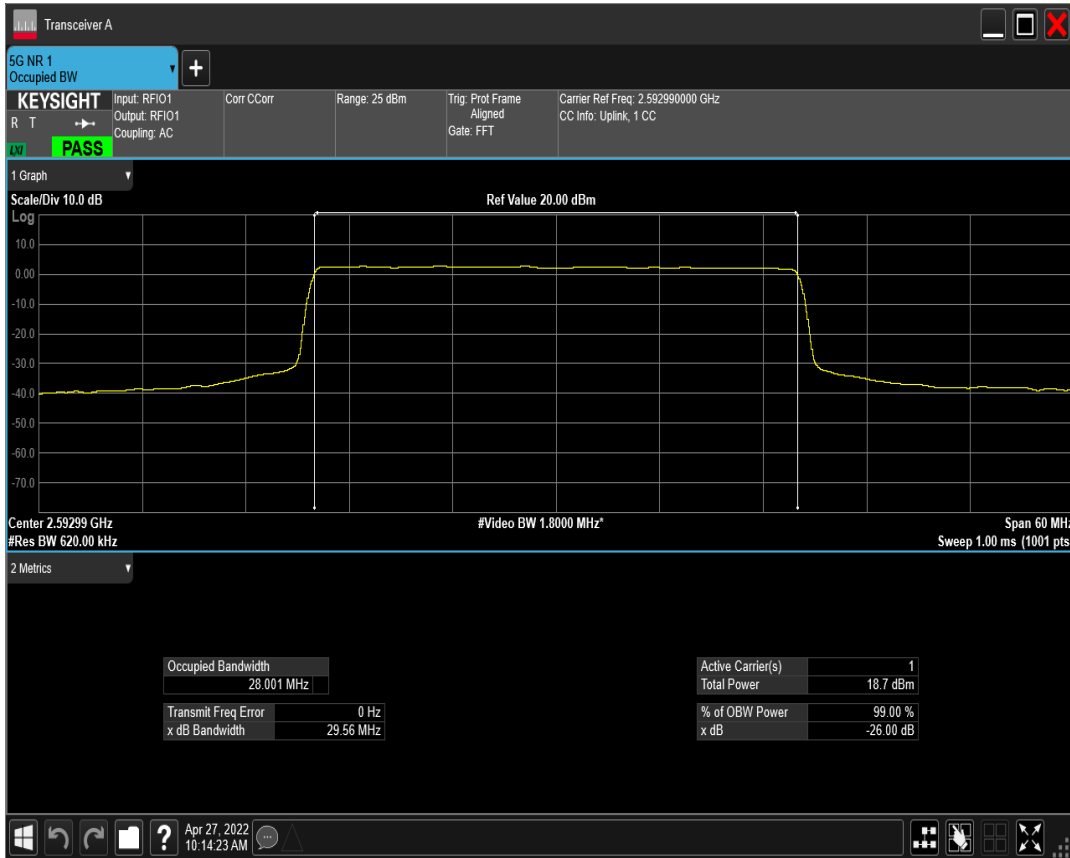
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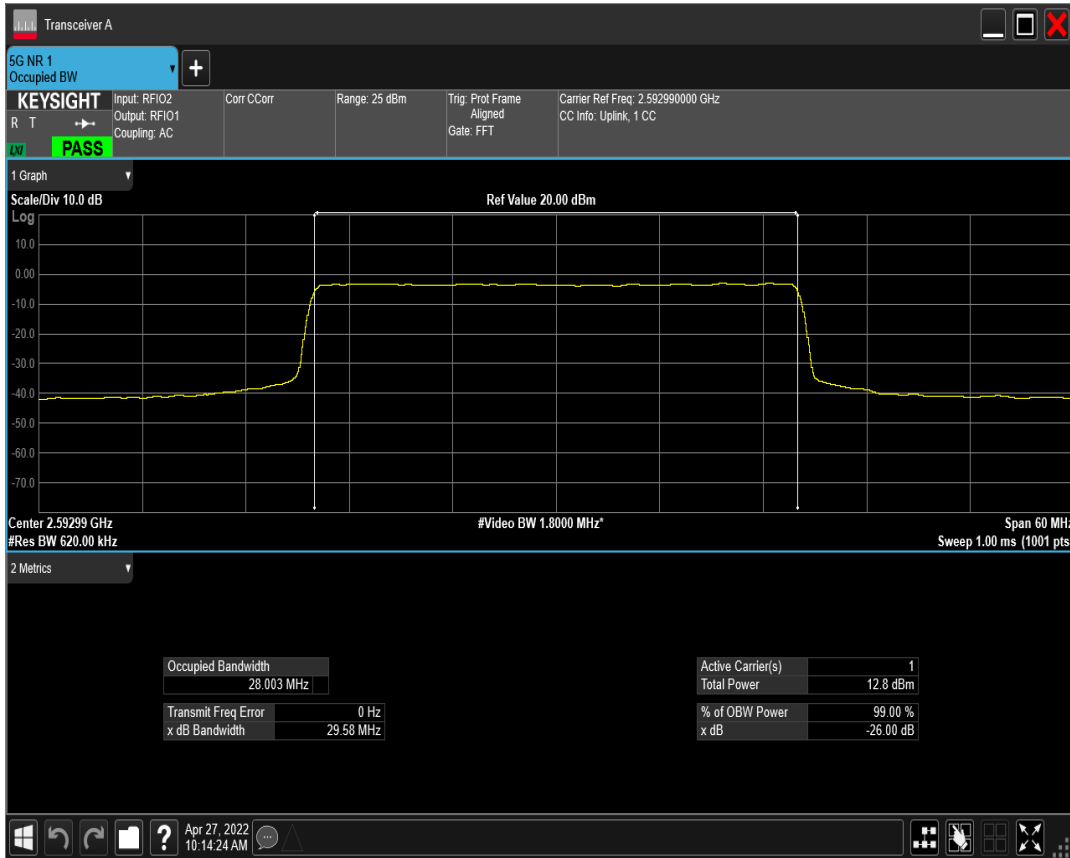
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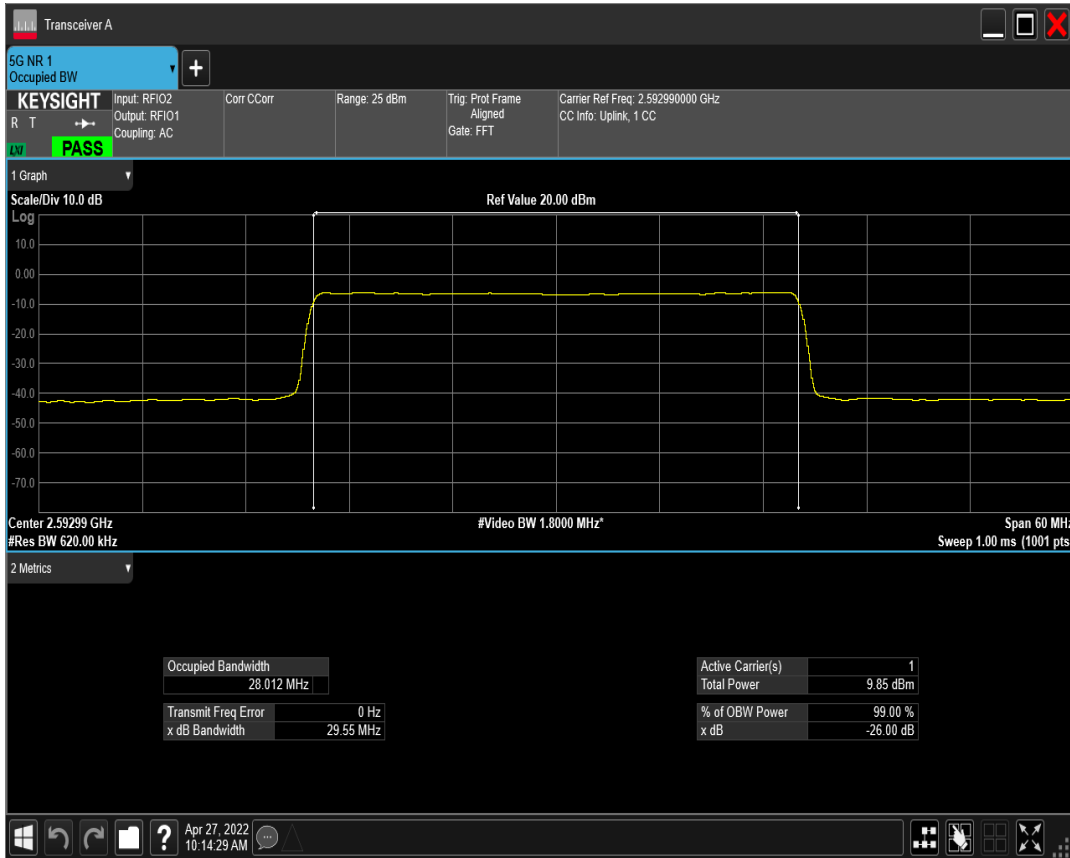
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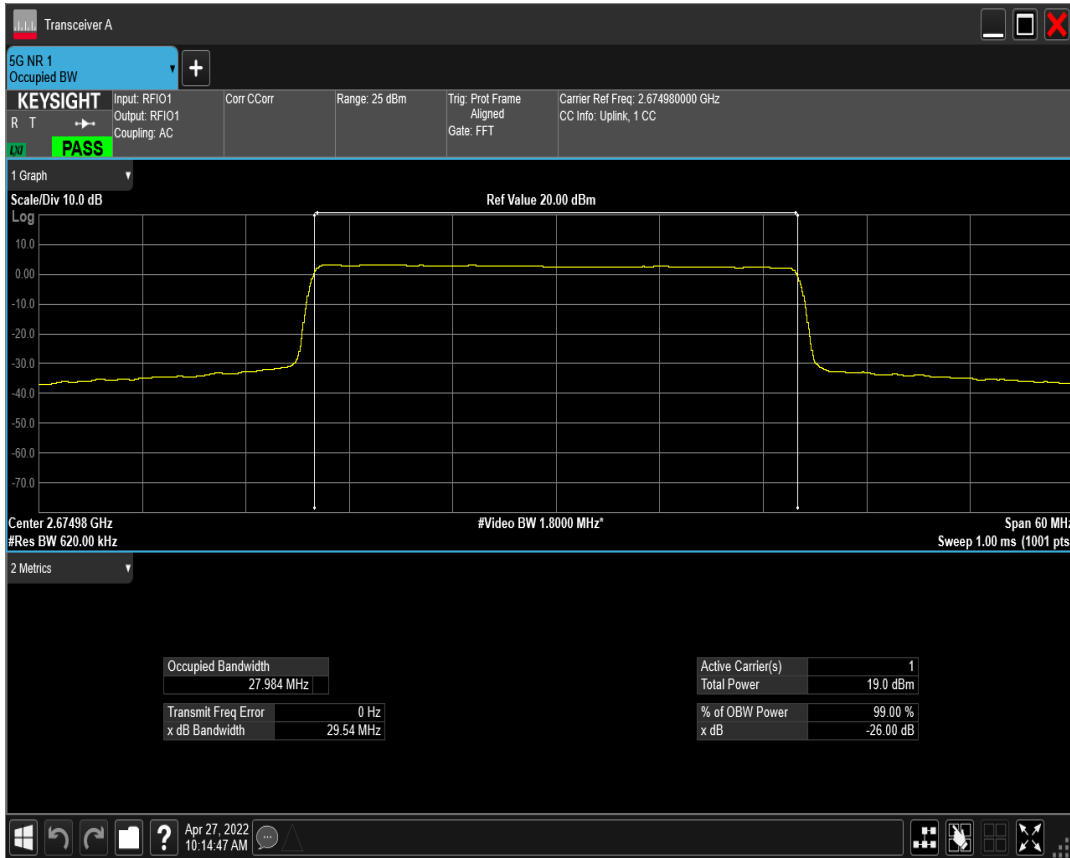
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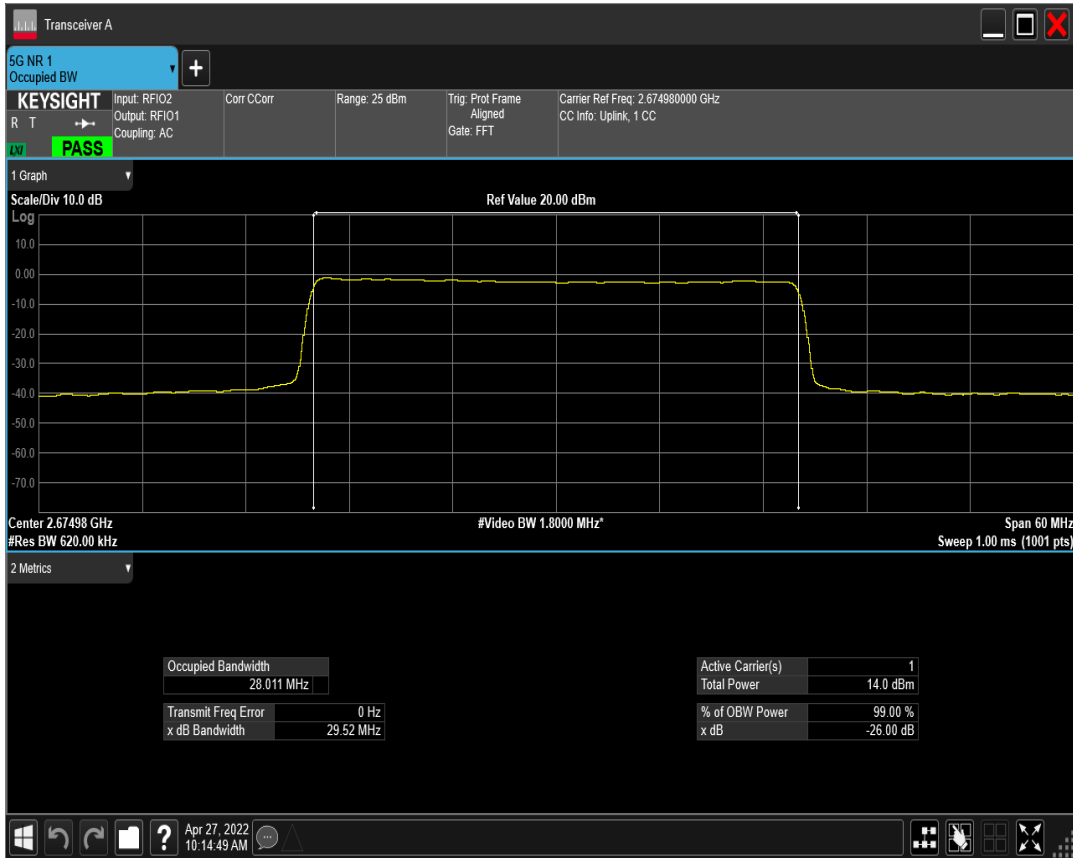
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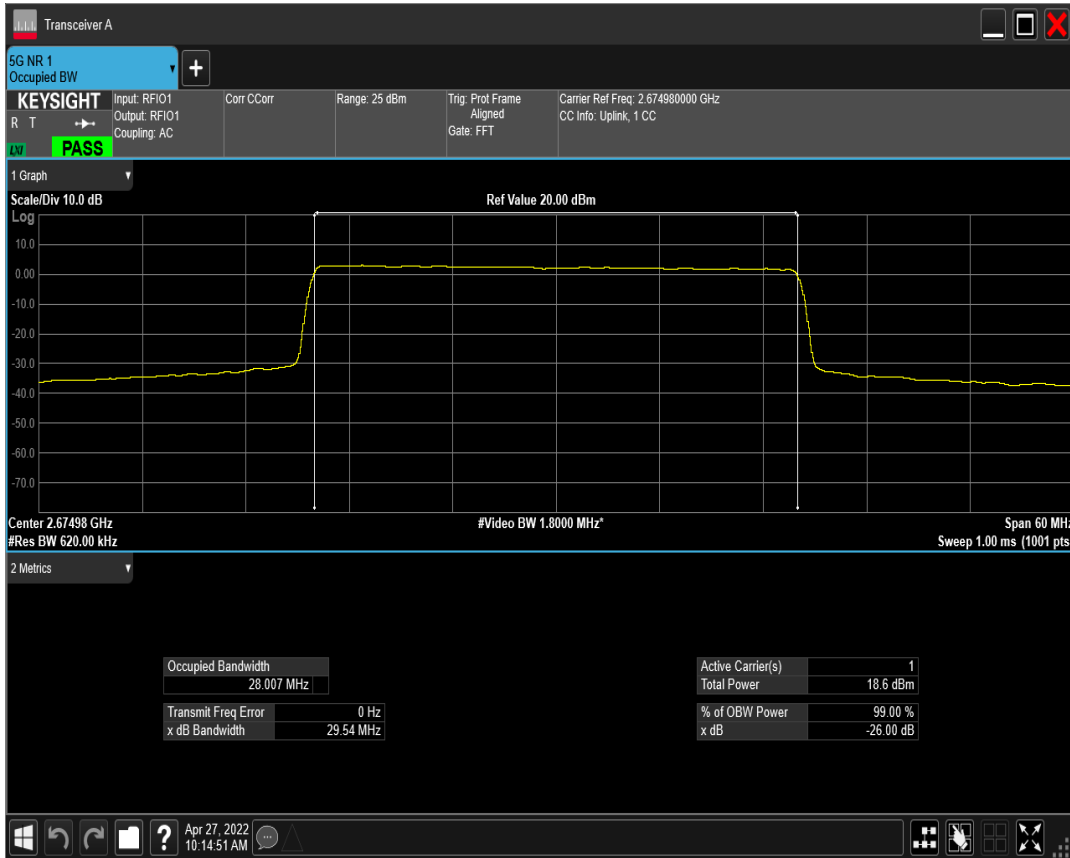
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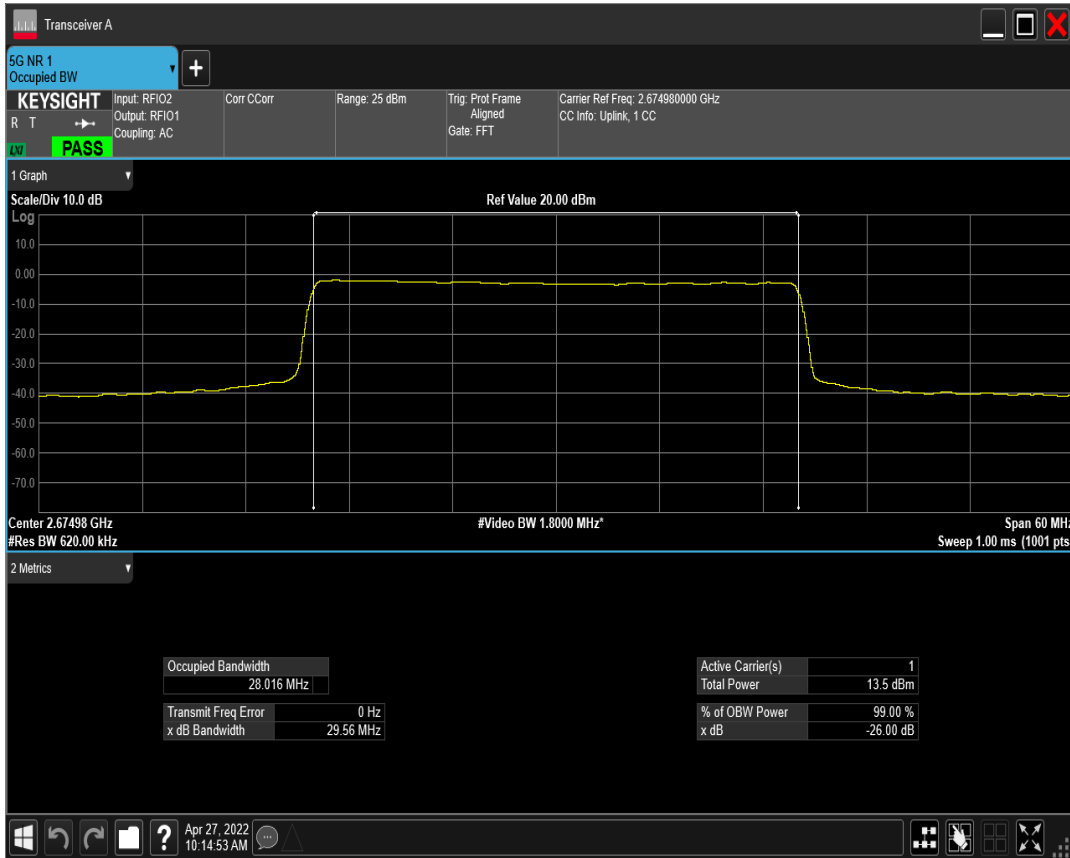
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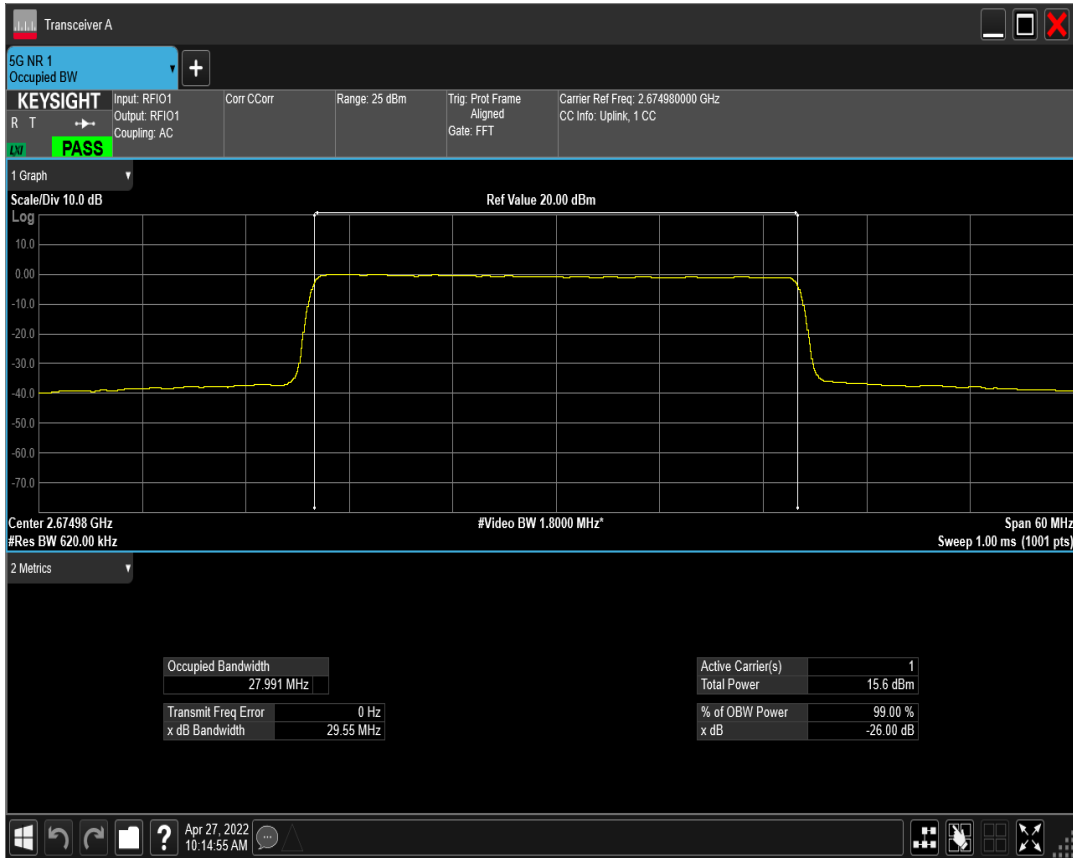
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n41 SCS=30kHz CP_QAM64 BW=30MHz Channel=534996 RB=78@0 ant2



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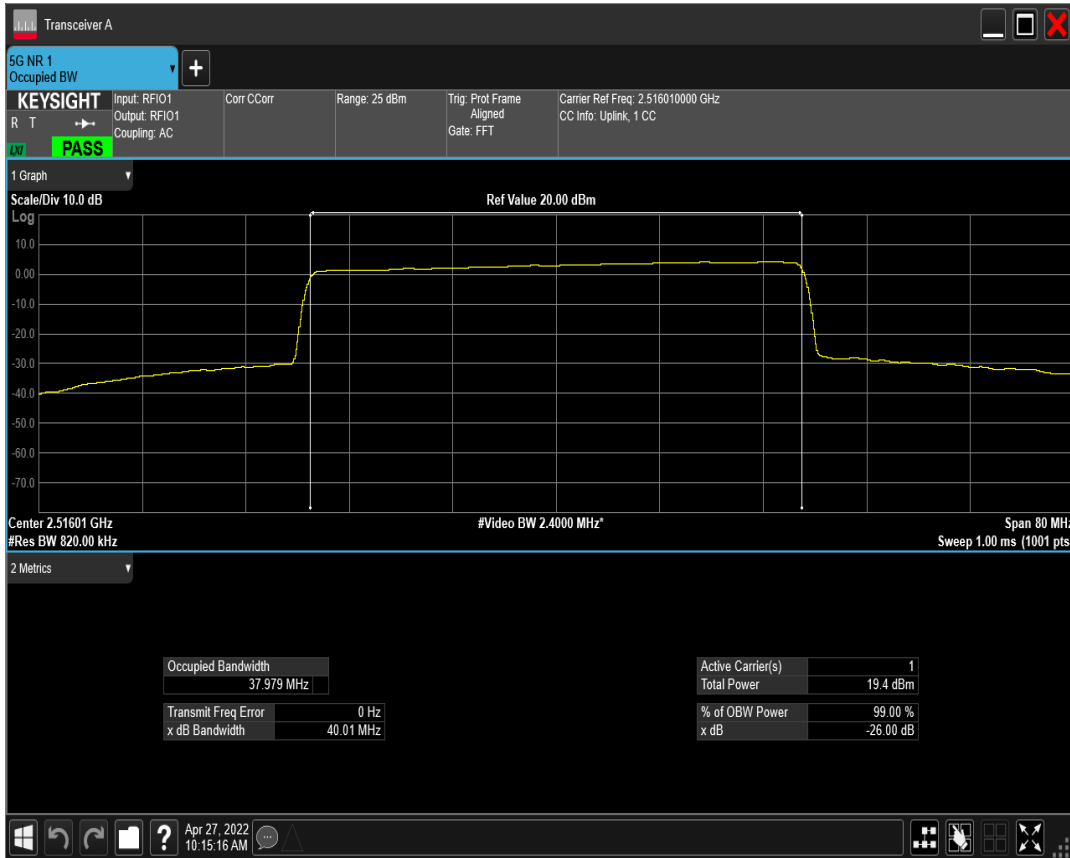
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n41 SCS=30kHz CP_QPSK BW=40MHz Channel=503202 RB=106@0 ant1



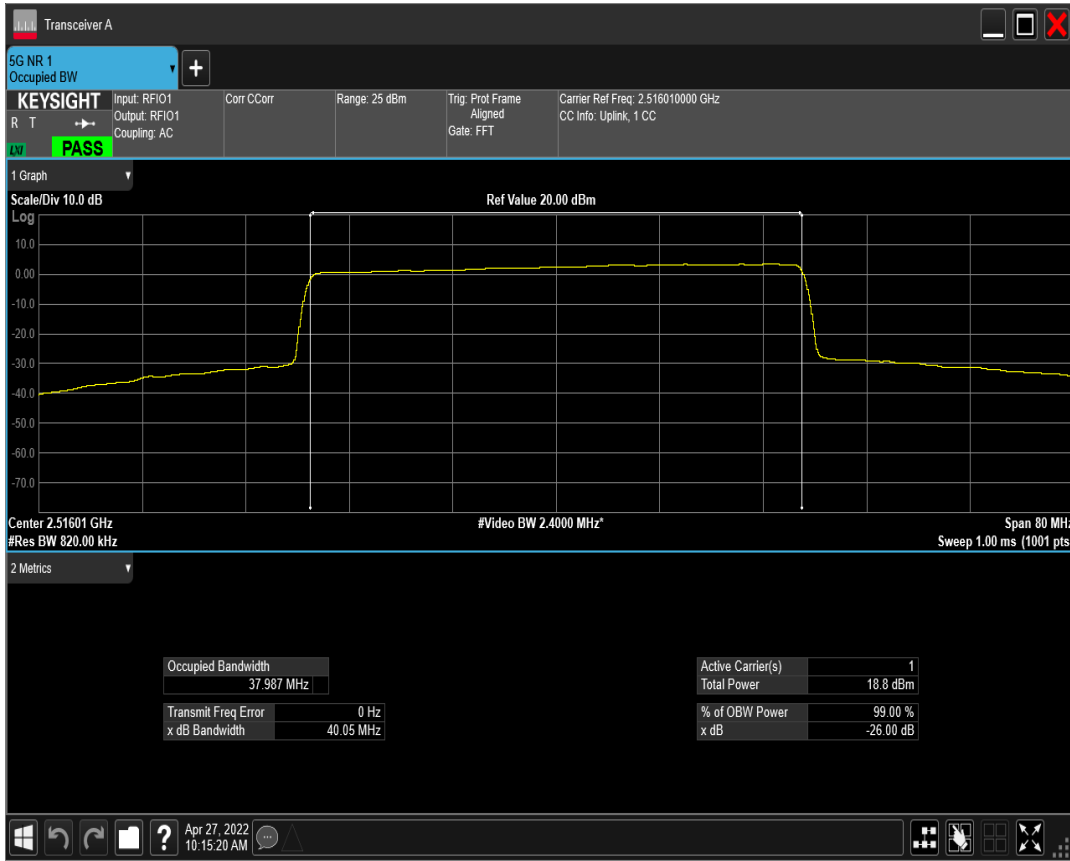
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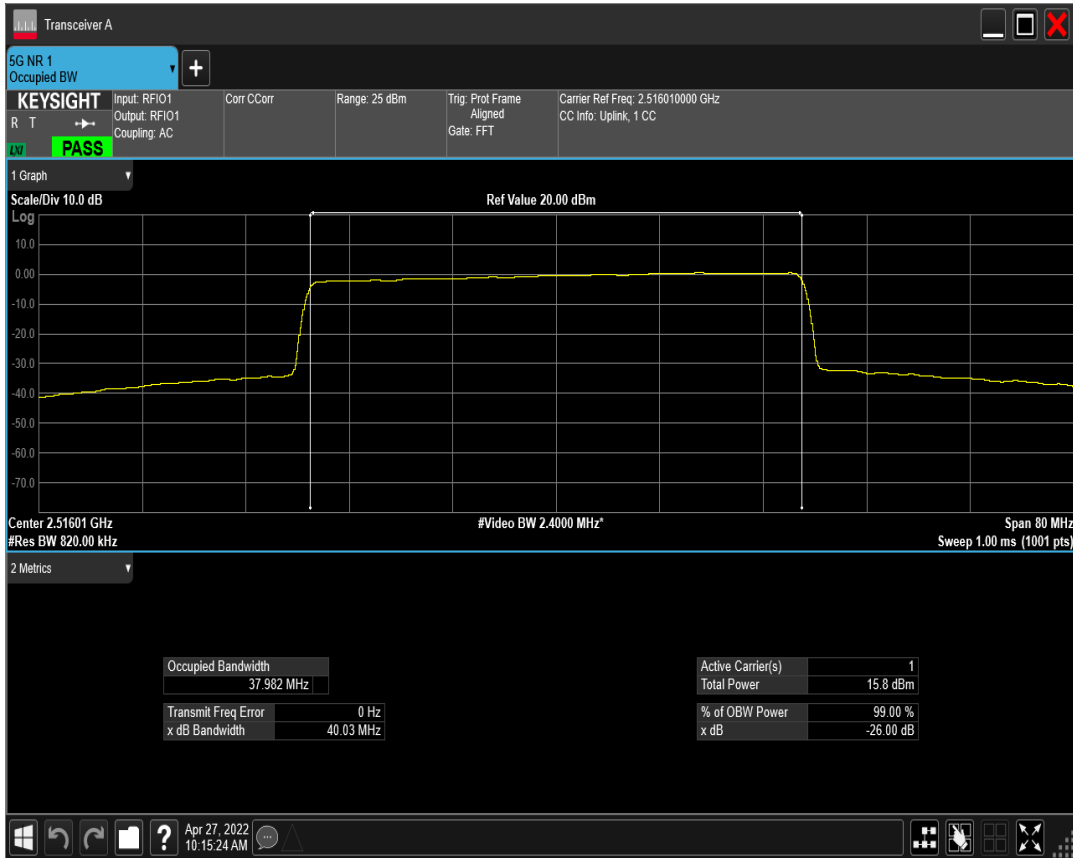
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n41 SCS=30kHz CP_QAM64 BW=40MHz Channel=503202 RB=106@0 ant2



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