1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	high Limit (dBm)	Verdict
n41	15	10	500202	25@12	DFT_BPSK	22.91	23.71	33	PASS
n41	15	10	500202	1@1	DFT_BPSK	22.86	23.66	33	PASS
n41	15	10	500202	1@50	DFT_BPSK	22.92	23.72	33	PASS
n41	15	10	500202	25@12	DFT_QPSK	22.96	23.76	33	PASS
n41	15	10	500202	1@1	DFT_QPSK	22.69	23.49	33	PASS
n41	15	10	500202	1@50	DFT_QPSK	22.79	23.59	33	PASS
n41	15	10	500202	25@12	DFT_QAM16	22.03	22.83	33	PASS
n41	15	10	500202	1@1	DFT_QAM16	21.89	22.69	33	PASS
n41	15	10	500202	1@50	DFT_QAM16	22.22	23.02	33	PASS
n41	15	10	500202	25@12	DFT_QAM64	20.37	21.17	33	PASS
n41	15	10	500202	1@1	DFT_QAM64	20.64	21.44	33	PASS
n41	15	10	500202	1@50	DFT_QAM64	20.30	21.10	33	PASS
n41	15	10	500202	25@12	DFT_QAM256	18.39	19.19	33	PASS
n41	15	10	500202	1@1	DFT_QAM256	18.54	19.34	33	PASS
n41	15	10	500202	1@50	DFT_QAM256	18.76	19.56	33	PASS
n41	15	10	500202	26@13	CP_QPSK	21.37	22.17	33	PASS
n41	15	10	500202	1@1	CP_QPSK	21.20	22.00	33	PASS
n41	15	10	500202	1@50	CP_QPSK	21.33	22.13	33	PASS
n41	15	10	500202	26@13	CP_QAM16	20.91	21.71	33	PASS
n41	15	10	500202	1@1	CP_QAM16	20.85	21.65	33	PASS
n41	15	10	500202	1@50	CP_QAM16	21.03	21.83	33	PASS
n41	15	10	500202	26@13	CP_QAM64	19.25	20.05	33	PASS
n41	15	10	500202	1@1	CP_QAM64	19.70	20.50	33	PASS
n41	15	10	500202	1@50	CP_QAM64	19.15	19.95	33	PASS
n41	15	10	500202	26@13	CP_QAM256	16.38	17.18	33	PASS
n41	15	10	500202	1@1	CP_QAM256	16.64	17.44	33	PASS
n41	15	10	500202	1@50	CP_QAM256	16.12	16.92	33	PASS
n41	15	10	518601	25@12	DFT_BPSK	26.41	27.21	33	PASS
n41	15	10	518601	1@1	DFT_BPSK	26.32	27.12	33	PASS
n41	15	10	518601	1@50	DFT_BPSK	26.27	27.07	33	PASS
n41	15	10	518601	25@12	DFT_QPSK	26.46	27.26	33	PASS
n41	15	10	518601	1@1	DFT_QPSK	26.22	27.02	33	PASS
n41	15	10	518601	1@50	DFT_QPSK	26.10	26.90	33	PASS
n41	15	10	518601	25@12	DFT_QAM16	25.50	26.30	33	PASS
n41	15	10	518601	1@1	DFT_QAM16	25.47	26.27	33	PASS
n41	15	10	518601	1@50	DFT_QAM16	25.45	26.25	33	PASS
n41	15	10	518601	25@12	DFT_QAM64	23.86	24.66	33	PASS
n41	15	10	518601	1@1	DFT_QAM64	24.06	24.86	33	PASS
n41	15	10	518601	1@50	DFT_QAM64	24.06	24.86	33	PASS

n41	15	10	518601	25@12	DFT_QAM256	21.89	22.69	33	PASS
n41	15	10	518601	1@1	DFT_QAM256	21.86	22.66	33	PASS
n41	15	10	518601	1@50	DFT_QAM256	21.82	22.62	33	PASS
n41	15	10	518601	26@13	CP_QPSK	24.90	25.70	33	PASS
n41	15	10	518601	1@1	CP_QPSK	24.81	25.61	33	PASS
n41	15	10	518601	1@50	CP_QPSK	24.78	25.58	33	PASS
n41	15	10	518601	26@13	CP_QAM16	24.37	25.17	33	PASS
n41	15	10	518601	1@1	CP_QAM16	24.56	25.36	33	PASS
n41	15	10	518601	1@50	CP_QAM16	24.55	25.35	33	PASS
n41	15	10	518601	26@13	CP_QAM64	22.87	23.67	33	PASS
n41	15	10	518601	1@1	CP_QAM64	22.93	23.73	33	PASS
n41	15	10	518601	1@50	CP_QAM64	22.62	23.42	33	PASS
n41	15	10	518601	26@13	CP_QAM256	19.82	20.62	33	PASS
n41	15	10	518601	1@1	CP_QAM256	19.48	20.28	33	PASS
n41	15	10	518601	1@50	CP_QAM256	19.49	20.29	33	PASS
n41	15	10	537000	25@12	DFT_BPSK	26.22	27.02	33	PASS
n41	15	10	537000	1@1	DFT_BPSK	25.94	26.74	33	PASS
n41	15	10	537000	1@50	DFT_BPSK	26.11	26.91	33	PASS
n41	15	10	537000	25@12	DFT_QPSK	26.27	27.07	33	PASS
n41	15	10	537000	1@1	DFT_QPSK	25.80	26.60	33	PASS
n41	15	10	537000	1@50	DFT_QPSK	25.92	26.72	33	PASS
n41	15	10	537000	25@12	DFT_QAM16	25.36	26.16	33	PASS
n41	15	10	537000	1@1	DFT_QAM16	25.16	25.96	33	PASS
n41	15	10	537000	1@50	DFT_QAM16	25.39	26.19	33	PASS
n41	15	10	537000	25@12	DFT_QAM64	23.73	24.53	33	PASS
n41	15	10	537000	1@1	DFT_QAM64	23.79	24.59	33	PASS
n41	15	10	537000	1@50	DFT_QAM64	23.98	24.78	33	PASS
n41	15	10	537000	25@12	DFT_QAM256	21.71	22.51	33	PASS
n41	15	10	537000	1@1	DFT_QAM256	21.46	22.26	33	PASS
n41	15	10	537000	1@50	DFT_QAM256	21.84	22.64	33	PASS
n41	15	10	537000	26@13	CP_QPSK	24.77	25.57	33	PASS
n41	15	10	537000	1@1	CP_QPSK	24.44	25.24	33	PASS
n41	15	10	537000	1@50	CP_QPSK	24.53	25.33	33	PASS
n41	15	10	537000	26@13	CP_QAM16	24.22	25.02	33	PASS
n41	15	10	537000	1@1	CP_QAM16	24.28	25.08	33	PASS
n41	15	10	537000	1@50	CP_QAM16	24.48	25.28	33	PASS
n41	15	10	537000	26@13	CP_QAM64	22.68	23.48	33	PASS
n41	15	10	537000	1@1	CP_QAM64	22.39	23.19	33	PASS
n41	15	10	537000	1@50	CP_QAM64	22.61	23.41	33	PASS
n41	15	10	537000	26@13	CP_QAM256	19.64	20.44	33	PASS
n41	15	10	537000	1@1	CP_QAM256	19.95	20.75	33	PASS
n41	15	10	537000	1@50	CP_QAM256	20.08	20.88	33	PASS
n41	15	15	500700	36@18	DFT_BPSK	26.15	26.95	33	PASS

n41	15	15	500700	1@1	DFT_BPSK	25.86	26.66	33	PASS
n41	15	15	500700	1@77	DFT_BPSK	25.92	26.72	33	PASS
n41	15	15	500700	36@18	DFT_QPSK	26.11	26.91	33	PASS
n41	15	15	500700	1@1	DFT_QPSK	25.74	26.54	33	PASS
n41	15	15	500700	1@77	DFT_QPSK	25.86	26.66	33	PASS
n41	15	15	500700	36@18	DFT_QAM16	25.13	25.93	33	PASS
n41	15	15	500700	1@1	DFT_QAM16	25.04	25.84	33	PASS
n41	15	15	500700	1@77	DFT_QAM16	25.20	26.00	33	PASS
n41	15	15	500700	36@18	DFT_QAM64	23.56	24.36	33	PASS
n41	15	15	500700	1@1	DFT_QAM64	23.41	24.21	33	PASS
n41	15	15	500700	1@77	DFT_QAM64	23.45	24.25	33	PASS
n41	15	15	500700	36@18	DFT_QAM256	21.60	22.40	33	PASS
n41	15	15	500700	1@1	DFT_QAM256	21.34	22.14	33	PASS
n41	15	15	500700	1@77	DFT_QAM256	21.53	22.33	33	PASS
n41	15	15	500700	39@19	CP_QPSK	24.51	25.31	33	PASS
n41	15	15	500700	1@1	CP_QPSK	24.29	25.09	33	PASS
n41	15	15	500700	1@77	CP_QPSK	24.46	25.26	33	PASS
n41	15	15	500700	39@19	CP_QAM16	24.12	24.92	33	PASS
n41	15	15	500700	1@1	CP_QAM16	24.13	24.93	33	PASS
n41	15	15	500700	1@77	CP_QAM16	24.22	25.02	33	PASS
n41	15	15	500700	39@19	CP_QAM64	22.65	23.45	33	PASS
n41	15	15	500700	1@1	CP_QAM64	22.55	23.35	33	PASS
n41	15	15	500700	1@77	CP_QAM64	22.66	23.46	33	PASS
n41	15	15	500700	39@19	CP_QAM256	19.57	20.37	33	PASS
n41	15	15	500700	1@1	CP_QAM256	19.82	20.62	33	PASS
n41	15	15	500700	1@77	CP_QAM256	19.23	20.03	33	PASS
n41	15	15	518601	36@18	DFT_BPSK	26.51	27.31	33	PASS
n41	15	15	518601	1@1	DFT_BPSK	26.43	27.23	33	PASS
n41	15	15	518601	1@77	DFT_BPSK	26.34	27.14	33	PASS
n41	15	15	518601	36@18	DFT_QPSK	26.56	27.36	33	PASS
n41	15	15	518601	1@1	DFT_QPSK	26.36	27.16	33	PASS
n41	15	15	518601	1@77	DFT_QPSK	26.21	27.01	33	PASS
n41	15	15	518601	36@18	DFT_QAM16	25.64	26.44	33	PASS
n41	15	15	518601	1@1	DFT_QAM16	25.51	26.31	33	PASS
n41	15	15	518601	1@77	DFT_QAM16	25.26	26.06	33	PASS
n41	15	15	518601	36@18	DFT_QAM64	24.05	24.85	33	PASS
n41	15	15	518601	1@1	DFT_QAM64	24.02	24.82	33	PASS
n41	15	15	518601	1@77	DFT_QAM64	24.02	24.82	33	PASS
n41	15	15	518601	36@18	DFT_QAM256	22.13	22.93	33	PASS
n41	15	15	518601	1@1	DFT_QAM256	21.92	22.72	33	PASS
n41	15	15	518601	1@77	DFT_QAM256	22.09	22.89	33	PASS
n41	15	15	518601	39@19	CP_QPSK	24.99	25.79	33	PASS
n41	15	15	518601	1@1	CP_QPSK	24.83	25.63	33	PASS

n41	15	15	518601	1@77	CP_QPSK	24.79	25.59	33	PASS
n41	15	15	518601	39@19	CP_QAM16	24.52	25.32	33	PASS
n41	15	15	518601	1@1	CP_QAM16	24.54	25.34	33	PASS
n41	15	15	518601	1@77	CP_QAM16	24.54	25.34	33	PASS
n41	15	15	518601	39@19	CP_QAM64	23.03	23.83	33	PASS
n41	15	15	518601	1@1	CP_QAM64	22.73	23.53	33	PASS
n41	15	15	518601	1@77	CP_QAM64	22.76	23.56	33	PASS
n41	15	15	518601	39@19	CP_QAM256	20.05	20.85	33	PASS
n41	15	15	518601	1@1	CP_QAM256	20.38	21.18	33	PASS
n41	15	15	518601	1@77	CP_QAM256	19.65	20.45	33	PASS
n41	15	15	536499	36@18	DFT_BPSK	26.31	27.11	33	PASS
n41	15	15	536499	1@1	DFT_BPSK	26.09	26.89	33	PASS
n41	15	15	536499	1@77	DFT_BPSK	26.26	27.06	33	PASS
n41	15	15	536499	36@18	DFT_QPSK	26.35	27.15	33	PASS
n41	15	15	536499	1@1	DFT_QPSK	26.09	26.89	33	PASS
n41	15	15	536499	1@77	DFT_QPSK	26.24	27.04	33	PASS
n41	15	15	536499	36@18	DFT_QAM16	25.41	26.21	33	PASS
n41	15	15	536499	1@1	DFT_QAM16	24.93	25.73	33	PASS
n41	15	15	536499	1@77	DFT_QAM16	25.19	25.99	33	PASS
n41	15	15	536499	36@18	DFT_QAM64	23.79	24.59	33	PASS
n41	15	15	536499	1@1	DFT_QAM64	23.53	24.33	33	PASS
n41	15	15	536499	1@77	DFT_QAM64	23.65	24.45	33	PASS
n41	15	15	536499	36@18	DFT_QAM256	21.82	22.62	33	PASS
n41	15	15	536499	1@1	DFT_QAM256	21.74	22.54	33	PASS
n41	15	15	536499	1@77	DFT_QAM256	21.93	22.73	33	PASS
n41	15	15	536499	39@19	CP_QPSK	24.74	25.54	33	PASS
n41	15	15	536499	1@1	CP_QPSK	24.39	25.19	33	PASS
n41	15	15	536499	1@77	CP_QPSK	24.66	25.46	33	PASS
n41	15	15	536499	39@19	CP_QAM16	24.23	25.03	33	PASS
n41	15	15	536499	1@1	CP_QAM16	24.25	25.05	33	PASS
n41	15	15	536499	1@77	CP_QAM16	24.52	25.32	33	PASS
n41	15	15	536499	39@19	CP_QAM64	22.83	23.63	33	PASS
n41	15	15	536499	1@1	CP_QAM64	22.37	23.17	33	PASS
n41	15	15	536499	1@77	CP_QAM64	22.59	23.39	33	PASS
n41	15	15	536499	39@19	CP_QAM256	19.76	20.56	33	PASS
n41	15	15	536499	1@1	CP_QAM256	20.02	20.82	33	PASS
n41	15	15	536499	1@77	CP_QAM256	20.19	20.99	33	PASS
n41	15	20	501201	50@25	DFT_BPSK	26.14	26.94	33	PASS
n41	15	20	501201	1@1	DFT_BPSK	25.85	26.65	33	PASS
n41	15	20	501201	1@104	DFT_BPSK	26.10	26.90	33	PASS
n41	15	20	501201	50@25	DFT_QPSK	26.21	27.01	33	PASS
n41	15	20	501201	1@1	DFT_QPSK	25.85	26.65	33	PASS
n41	15	20	501201	1@104	DFT_QPSK	26.06	26.86	33	PASS

n41	15	20	501201	50@25	DFT_QAM16	25.18	25.98	33	PASS
n41	15	20	501201	1@1	DFT_QAM16	25.01	25.81	33	PASS
n41	15	20	501201	1@104	DFT_QAM16	25.21	26.01	33	PASS
n41	15	20	501201	50@25	DFT_QAM64	23.69	24.49	33	PASS
n41	15	20	501201	1@1	DFT_QAM64	23.30	24.10	33	PASS
n41	15	20	501201	1@104	DFT_QAM64	23.45	24.25	33	PASS
n41	15	20	501201	50@25	DFT_QAM256	21.62	22.42	33	PASS
n41	15	20	501201	1@1	DFT_QAM256	21.39	22.19	33	PASS
n41	15	20	501201	1@104	DFT_QAM256	21.54	22.34	33	PASS
n41	15	20	501201	53@26	CP_QPSK	24.58	25.38	33	PASS
n41	15	20	501201	1@1	CP_QPSK	24.27	25.07	33	PASS
n41	15	20	501201	1@104	CP_QPSK	24.36	25.16	33	PASS
n41	15	20	501201	53@26	CP_QAM16	24.12	24.92	33	PASS
n41	15	20	501201	1@1	CP_QAM16	24.07	24.87	33	PASS
n41	15	20	501201	1@104	CP_QAM16	24.20	25.00	33	PASS
n41	15	20	501201	53@26	CP_QAM64	22.54	23.34	33	PASS
n41	15	20	501201	1@1	CP_QAM64	22.10	22.90	33	PASS
n41	15	20	501201	1@104	CP_QAM64	22.35	23.15	33	PASS
n41	15	20	501201	53@26	CP_QAM256	19.52	20.32	33	PASS
n41	15	20	501201	1@1	CP_QAM256	19.05	19.85	33	PASS
n41	15	20	501201	1@104	CP_QAM256	19.27	20.07	33	PASS
n41	15	20	518601	50@25	DFT_BPSK	26.60	27.40	33	PASS
n41	15	20	518601	1@1	DFT_BPSK	26.34	27.14	33	PASS
n41	15	20	518601	1@104	DFT_BPSK	26.29	27.09	33	PASS
n41	15	20	518601	50@25	DFT_QPSK	26.63	27.43	33	PASS
n41	15	20	518601	1@1	DFT_QPSK	26.26	27.06	33	PASS
n41	15	20	518601	1@104	DFT_QPSK	26.24	27.04	33	PASS
n41	15	20	518601	50@25	DFT_QAM16	25.65	26.45	33	PASS
n41	15	20	518601	1@1	DFT_QAM16	25.51	26.31	33	PASS
n41	15	20	518601	1@104	DFT_QAM16	25.46	26.26	33	PASS
n41	15	20	518601	50@25	DFT_QAM64	24.07	24.87	33	PASS
n41	15	20	518601	1@1	DFT_QAM64	23.80	24.60	33	PASS
n41	15	20	518601	1@104	DFT_QAM64	24.07	24.87	33	PASS
n41	15	20	518601	50@25	DFT_QAM256	22.02	22.82	33	PASS
n41	15	20	518601	1@1	DFT_QAM256	21.85	22.65	33	PASS
n41	15	20	518601	1@104	DFT_QAM256	21.82	22.62	33	PASS
n41	15	20	518601	53@26	CP_QPSK	25.03	25.83	33	PASS
n41	15	20	518601	1@1	CP_QPSK	24.85	25.65	33	PASS
n41	15	20	518601	1@104	CP_QPSK	24.72	25.52	33	PASS
n41	15	20	518601	53@26	CP_QAM16	24.45	25.25	33	PASS
n41	15	20	518601	1@1	CP_QAM16	24.33	25.13	33	PASS
n41	15	20	518601	1@104	CP_QAM16	24.47	25.27	33	PASS
n41	15	20	518601	53@26	CP_QAM64	22.94	23.74	33	PASS

n41	15	20	518601	1@1	CP_QAM64	22.67	23.47	33	PASS
n41	15	20	518601	1@104	CP_QAM64	22.93	23.73	33	PASS
n41	15	20	518601	53@26	CP_QAM256	20.10	20.90	33	PASS
n41	15	20	518601	1@1	CP_QAM256	19.71	20.51	33	PASS
n41	15	20	518601	1@104	CP_QAM256	19.70	20.50	33	PASS
n41	15	20	535998	50@25	DFT_BPSK	26.23	27.03	33	PASS
n41	15	20	535998	1@1	DFT_BPSK	26.06	26.86	33	PASS
n41	15	20	535998	1@104	DFT_BPSK	26.21	27.01	33	PASS
n41	15	20	535998	50@25	DFT_QPSK	26.31	27.11	33	PASS
n41	15	20	535998	1@1	DFT_QPSK	25.85	26.65	33	PASS
n41	15	20	535998	1@104	DFT_QPSK	26.06	26.86	33	PASS
n41	15	20	535998	50@25	DFT_QAM16	25.31	26.11	33	PASS
n41	15	20	535998	1@1	DFT_QAM16	25.12	25.92	33	PASS
n41	15	20	535998	1@104	DFT_QAM16	25.36	26.16	33	PASS
n41	15	20	535998	50@25	DFT_QAM64	23.86	24.66	33	PASS
n41	15	20	535998	1@1	DFT_QAM64	23.43	24.23	33	PASS
n41	15	20	535998	1@104	DFT_QAM64	23.70	24.50	33	PASS
n41	15	20	535998	50@25	DFT_QAM256	21.74	22.54	33	PASS
n41	15	20	535998	1@1	DFT_QAM256	21.48	22.28	33	PASS
n41	15	20	535998	1@104	DFT_QAM256	21.74	22.54	33	PASS
n41	15	20	535998	53@26	CP_QPSK	24.79	25.59	33	PASS
n41	15	20	535998	1@1	CP_QPSK	24.43	25.23	33	PASS
n41	15	20	535998	1@104	CP_QPSK	24.61	25.41	33	PASS
n41	15	20	535998	53@26	CP_QAM16	24.18	24.98	33	PASS
n41	15	20	535998	1@1	CP_QAM16	24.05	24.85	33	PASS
n41	15	20	535998	1@104	CP_QAM16	24.60	25.40	33	PASS
n41	15	20	535998	53@26	CP_QAM64	22.70	23.50	33	PASS
n41	15	20	535998	1@1	CP_QAM64	22.39	23.19	33	PASS
n41	15	20	535998	1@104	CP_QAM64	22.89	23.69	33	PASS
n41	15	20	535998	53@26	CP_QAM256	19.81	20.61	33	PASS
n41	15	20	535998	1@1	CP_QAM256	19.28	20.08	33	PASS
n41	15	20	535998	1@104	CP_QAM256	20.18	20.98	33	PASS
n41	15	30	502200	80@40	DFT_BPSK	26.14	26.94	33	PASS
n41	15	30	502200	1@1	DFT_BPSK	25.29	26.09	33	PASS
n41	15	30	502200	1@158	DFT_BPSK	25.73	26.53	33	PASS
n41	15	30	502200	80@40	DFT_QPSK	26.09	26.89	33	PASS
n41	15	30	502200	1@1	DFT_QPSK	25.26	26.06	33	PASS
n41	15	30	502200	1@158	DFT_QPSK	25.66	26.46	33	PASS
n41	15	30	502200	80@40	DFT_QAM16	25.12	25.92	33	PASS
n41	15	30	502200	1@1	DFT_QAM16	24.25	25.05	33	PASS
n41	15	30	502200	1@158	DFT_QAM16	24.87	25.67	33	PASS
n41	15	30	502200	80@40	DFT_QAM64	23.60	24.40	33	PASS
n41	15	30	502200	1@1	DFT_QAM64	22.89	23.69	33	PASS

n41	15	30	502200	1@158	DFT_QAM64	23.17	23.97	33	PASS
n41	15	30	502200	80@40	DFT_QAM256	21.64	22.44	33	PASS
n41	15	30	502200	1@1	DFT_QAM256	20.89	21.69	33	PASS
n41	15	30	502200	1@158	DFT_QAM256	21.43	22.23	33	PASS
n41	15	30	502200	80@40	CP_QPSK	24.59	25.39	33	PASS
n41	15	30	502200	1@1	CP_QPSK	23.86	24.66	33	PASS
n41	15	30	502200	1@158	CP_QPSK	24.05	24.85	33	PASS
n41	15	30	502200	80@40	CP_QAM16	24.14	24.94	33	PASS
n41	15	30	502200	1@1	CP_QAM16	23.16	23.96	33	PASS
n41	15	30	502200	1@158	CP_QAM16	23.75	24.55	33	PASS
n41	15	30	502200	80@40	CP_QAM64	22.58	23.38	33	PASS
n41	15	30	502200	1@1	CP_QAM64	22.49	23.29	33	PASS
n41	15	30	502200	1@158	CP_QAM64	22.70	23.50	33	PASS
n41	15	30	502200	80@40	CP_QAM256	19.57	20.37	33	PASS
n41	15	30	502200	1@1	CP_QAM256	19.19	19.99	33	PASS
n41	15	30	502200	1@158	CP_QAM256	19.12	19.92	33	PASS
n41	15	30	518601	80@40	DFT_BPSK	26.52	27.32	33	PASS
n41	15	30	518601	1@1	DFT_BPSK	26.05	26.85	33	PASS
n41	15	30	518601	1@158	DFT_BPSK	26.05	26.85	33	PASS
n41	15	30	518601	80@40	DFT_QPSK	26.48	27.28	33	PASS
n41	15	30	518601	1@1	DFT_QPSK	25.93	26.73	33	PASS
n41	15	30	518601	1@158	DFT_QPSK	26.07	26.87	33	PASS
n41	15	30	518601	80@40	DFT_QAM16	25.52	26.32	33	PASS
n41	15	30	518601	1@1	DFT_QAM16	24.93	25.73	33	PASS
n41	15	30	518601	1@158	DFT_QAM16	24.91	25.71	33	PASS
n41	15	30	518601	80@40	DFT_QAM64	24.00	24.80	33	PASS
n41	15	30	518601	1@1	DFT_QAM64	23.48	24.28	33	PASS
n41	15	30	518601	1@158	DFT_QAM64	23.63	24.43	33	PASS
n41	15	30	518601	80@40	DFT_QAM256	22.02	22.82	33	PASS
n41	15	30	518601	1@1	DFT_QAM256	21.53	22.33	33	PASS
n41	15	30	518601	1@158	DFT_QAM256	21.50	22.30	33	PASS
n41	15	30	518601	80@40	CP_QPSK	25.04	25.84	33	PASS
n41	15	30	518601	1@1	CP_QPSK	24.52	25.32	33	PASS
n41	15	30	518601	1@158	CP_QPSK	24.46	25.26	33	PASS
n41	15	30	518601	80@40	CP_QAM16	24.54	25.34	33	PASS
n41	15	30	518601	1@1	CP_QAM16	24.19	24.99	33	PASS
n41	15	30	518601	1@158	CP_QAM16	24.28	25.08	33	PASS
n41	15	30	518601	80@40	CP_QAM64	22.96	23.76	33	PASS
n41	15	30	518601	1@1	CP_QAM64	22.99	23.79	33	PASS
n41	15	30	518601	1@158	CP_QAM64	22.86	23.66	33	PASS
n41	15	30	518601	80@40	CP_QAM256	19.98	20.78	33	PASS
n41	15	30	518601	1@1	CP_QAM256	19.42	20.22	33	PASS
n41	15	30	518601	1@158	CP_QAM256	19.80	20.60	33	PASS

n41	15	30	534999	80@40	DFT_BPSK	26.21	27.01	33	PASS
n41	15	30	534999	1@1	DFT_BPSK	25.85	26.65	33	PASS
n41	15	30	534999	1@158	DFT_BPSK	25.97	26.77	33	PASS
n41	15	30	534999	80@40	DFT_QPSK	26.28	27.08	33	PASS
n41	15	30	534999	1@1	DFT_QPSK	25.92	26.72	33	PASS
n41	15	30	534999	1@158	DFT_QPSK	26.00	26.80	33	PASS
n41	15	30	534999	80@40	DFT_QAM16	25.33	26.13	33	PASS
n41	15	30	534999	1@1	DFT_QAM16	24.89	25.69	33	PASS
n41	15	30	534999	1@158	DFT_QAM16	24.94	25.74	33	PASS
n41	15	30	534999	80@40	DFT_QAM64	23.71	24.51	33	PASS
n41	15	30	534999	1@1	DFT_QAM64	23.44	24.24	33	PASS
n41	15	30	534999	1@158	DFT_QAM64	23.57	24.37	33	PASS
n41	15	30	534999	80@40	DFT_QAM256	21.78	22.58	33	PASS
n41	15	30	534999	1@1	DFT_QAM256	21.36	22.16	33	PASS
n41	15	30	534999	1@158	DFT_QAM256	21.58	22.38	33	PASS
n41	15	30	534999	80@40	CP_QPSK	24.69	25.49	33	PASS
n41	15	30	534999	1@1	CP_QPSK	24.27	25.07	33	PASS
n41	15	30	534999	1@158	CP_QPSK	24.36	25.16	33	PASS
n41	15	30	534999	80@40	CP_QAM16	24.16	24.96	33	PASS
n41	15	30	534999	1@1	CP_QAM16	24.11	24.91	33	PASS
n41	15	30	534999	1@158	CP_QAM16	23.78	24.58	33	PASS
n41	15	30	534999	80@40	CP_QAM64	22.73	23.53	33	PASS
n41	15	30	534999	1@1	CP_QAM64	22.86	23.66	33	PASS
n41	15	30	534999	1@158	CP_QAM64	23.35	24.15	33	PASS
n41	15	30	534999	80@40	CP_QAM256	19.64	20.44	33	PASS
n41	15	30	534999	1@1	CP_QAM256	19.27	20.07	33	PASS
n41	15	30	534999	1@158	CP_QAM256	19.44	20.24	33	PASS
n41	15	40	503202	108@54	DFT_BPSK	26.22	27.02	33	PASS
n41	15	40	503202	1@1	DFT_BPSK	25.48	26.28	33	PASS
n41	15	40	503202	1@214	DFT_BPSK	25.62	26.42	33	PASS
n41	15	40	503202	108@54	DFT_QPSK	26.29	27.09	33	PASS
n41	15	40	503202	1@1	DFT_QPSK	25.38	26.18	33	PASS
n41	15	40	503202	1@214	DFT_QPSK	25.45	26.25	33	PASS
n41	15	40	503202	108@54	DFT_QAM16	25.32	26.12	33	PASS
n41	15	40	503202	1@1	DFT_QAM16	24.56	25.36	33	PASS
n41	15	40	503202	1@214	DFT_QAM16	24.78	25.58	33	PASS
n41	15	40	503202	108@54	DFT_QAM64	23.80	24.60	33	PASS
n41	15	40	503202	1@1	DFT_QAM64	22.97	23.77	33	PASS
n41	15	40	503202	1@214	DFT_QAM64	23.35	24.15	33	PASS
n41	15	40	503202	108@54	DFT_QAM256	21.73	22.53	33	PASS
n41	15	40	503202	1@1	DFT_QAM256	21.01	21.81	33	PASS
n41	15	40	503202	1@214	DFT_QAM256	21.12	21.92	33	PASS
n41	15	40	503202	108@54	CP_QPSK	24.77	25.57	33	PASS

n41	15	40	503202	1@1	CP_QPSK	23.91	24.71	33	PASS
n41	15	40	503202	1@214	CP_QPSK	24.08	24.88	33	PASS
n41	15	40	503202	108@54	CP_QAM16	24.27	25.07	33	PASS
n41	15	40	503202	1@1	CP_QAM16	23.75	24.55	33	PASS
n41	15	40	503202	1@214	CP_QAM16	23.76	24.56	33	PASS
n41	15	40	503202	108@54	CP_QAM64	22.72	23.52	33	PASS
n41	15	40	503202	1@1	CP_QAM64	21.81	22.61	33	PASS
n41	15	40	503202	1@214	CP_QAM64	22.00	22.80	33	PASS
n41	15	40	503202	108@54	CP_QAM256	19.68	20.48	33	PASS
n41	15	40	503202	1@1	CP_QAM256	18.64	19.44	33	PASS
n41	15	40	503202	1@214	CP_QAM256	19.56	20.36	33	PASS
n41	15	40	518598	108@54	DFT_BPSK	26.58	27.38	33	PASS
n41	15	40	518598	1@1	DFT_BPSK	25.83	26.63	33	PASS
n41	15	40	518598	1@214	DFT_BPSK	25.92	26.72	33	PASS
n41	15	40	518598	108@54	DFT_QPSK	26.54	27.34	33	PASS
n41	15	40	518598	1@1	DFT_QPSK	25.73	26.53	33	PASS
n41	15	40	518598	1@214	DFT_QPSK	25.73	26.53	33	PASS
n41	15	40	518598	108@54	DFT_QAM16	25.61	26.41	33	PASS
n41	15	40	518598	1@1	DFT_QAM16	24.67	25.47	33	PASS
n41	15	40	518598	1@214	DFT_QAM16	24.97	25.77	33	PASS
n41	15	40	518598	108@54	DFT_QAM64	24.11	24.91	33	PASS
n41	15	40	518598	1@1	DFT_QAM64	23.32	24.12	33	PASS
n41	15	40	518598	1@214	DFT_QAM64	23.29	24.09	33	PASS
n41	15	40	518598	108@54	DFT_QAM256	22.10	22.90	33	PASS
n41	15	40	518598	1@1	DFT_QAM256	21.55	22.35	33	PASS
n41	15	40	518598	1@214	DFT_QAM256	21.34	22.14	33	PASS
n41	15	40	518598	108@54	CP_QPSK	25.09	25.89	33	PASS
n41	15	40	518598	1@1	CP_QPSK	24.29	25.09	33	PASS
n41	15	40	518598	1@214	CP_QPSK	24.24	25.04	33	PASS
n41	15	40	518598	108@54	CP_QAM16	24.62	25.42	33	PASS
n41	15	40	518598	1@1	CP_QAM16	24.15	24.95	33	PASS
n41	15	40	518598	1@214	CP_QAM16	23.80	24.60	33	PASS
n41	15	40	518598	108@54	CP_QAM64	22.99	23.79	33	PASS
n41	15	40	518598	1@1	CP_QAM64	22.17	22.97	33	PASS
n41	15	40	518598	1@214	CP_QAM64	22.19	22.99	33	PASS
n41	15	40	518598	108@54	CP_QAM256	20.07	20.87	33	PASS
n41	15	40	518598	1@1	CP_QAM256	19.81	20.61	33	PASS
n41	15	40	518598	1@214	CP_QAM256	19.79	20.59	33	PASS
n41	15	40	534000	108@54	DFT_BPSK	26.30	27.10	33	PASS
n41	15	40	534000	1@1	DFT_BPSK	25.63	26.43	33	PASS
n41	15	40	534000	1@214	DFT_BPSK	25.83	26.63	33	PASS
n41	15	40	534000	108@54	DFT_QPSK	26.34	27.14	33	PASS
n41	15	40	534000	1@1	DFT_QPSK	25.48	26.28	33	PASS

n41	15	40	534000	1@214	DFT_QPSK	25.63	26.43	33	PASS
n41	15	40	534000	108@54	DFT_QAM16	25.33	26.13	33	PASS
n41	15	40	534000	1@1	DFT_QAM16	24.46	25.26	33	PASS
n41	15	40	534000	1@214	DFT_QAM16	24.97	25.77	33	PASS
n41	15	40	534000	108@54	DFT_QAM64	23.77	24.57	33	PASS
n41	15	40	534000	1@1	DFT_QAM64	23.52	24.32	33	PASS
n41	15	40	534000	1@214	DFT_QAM64	23.55	24.35	33	PASS
n41	15	40	534000	108@54	DFT_QAM256	21.71	22.51	33	PASS
n41	15	40	534000	1@1	DFT_QAM256	21.37	22.17	33	PASS
n41	15	40	534000	1@214	DFT_QAM256	21.31	22.11	33	PASS
n41	15	40	534000	108@54	CP_QPSK	24.78	25.58	33	PASS
n41	15	40	534000	1@1	CP_QPSK	24.05	24.85	33	PASS
n41	15	40	534000	1@214	CP_QPSK	24.19	24.99	33	PASS
n41	15	40	534000	108@54	CP_QAM16	24.20	25.00	33	PASS
n41	15	40	534000	1@1	CP_QAM16	23.57	24.37	33	PASS
n41	15	40	534000	1@214	CP_QAM16	24.18	24.98	33	PASS
n41	15	40	534000	108@54	CP_QAM64	22.72	23.52	33	PASS
n41	15	40	534000	1@1	CP_QAM64	21.99	22.79	33	PASS
n41	15	40	534000	1@214	CP_QAM64	22.10	22.90	33	PASS
n41	15	40	534000	108@54	CP_QAM256	19.67	20.47	33	PASS
n41	15	40	534000	1@1	CP_QAM256	18.89	19.69	33	PASS
n41	15	40	534000	1@214	CP_QAM256	19.71	20.51	33	PASS
n41	15	50	504201	135@67	DFT_BPSK	26.23	27.03	33	PASS
n41	15	50	504201	1@1	DFT_BPSK	25.68	26.48	33	PASS
n41	15	50	504201	1@268	DFT_BPSK	25.93	26.73	33	PASS
n41	15	50	504201	135@67	DFT_QPSK	26.20	27.00	33	PASS
n41	15	50	504201	1@1	DFT_QPSK	25.57	26.37	33	PASS
n41	15	50	504201	1@268	DFT_QPSK	25.86	26.66	33	PASS
n41	15	50	504201	135@67	DFT_QAM16	25.19	25.99	33	PASS
n41	15	50	504201	1@1	DFT_QAM16	24.55	25.35	33	PASS
n41	15	50	504201	1@268	DFT_QAM16	25.11	25.91	33	PASS
n41	15	50	504201	135@67	DFT_QAM64	23.75	24.55	33	PASS
n41	15	50	504201	1@1	DFT_QAM64	23.40	24.20	33	PASS
n41	15	50	504201	1@268	DFT_QAM64	23.77	24.57	33	PASS
n41	15	50	504201	135@67	DFT_QAM256	21.68	22.48	33	PASS
n41	15	50	504201	1@1	DFT_QAM256	21.23	22.03	33	PASS
n41	15	50	504201	1@268	DFT_QAM256	21.89	22.69	33	PASS
n41	15	50	504201	135@67	CP_QPSK	24.71	25.51	33	PASS
n41	15	50	504201	1@1	CP_QPSK	24.12	24.92	33	PASS
n41	15	50	504201	1@268	CP_QPSK	24.50	25.30	33	PASS
n41	15	50	504201	135@67	CP_QAM16	24.18	24.98	33	PASS
n41	15	50	504201	1@1	CP_QAM16	24.09	24.89	33	PASS
n41	15	50	504201	1@268	CP_QAM16	24.19	24.99	33	PASS

n41	15	50	504201	135@67	CP_QAM64	22.75	23.55	33	PASS
n41	15	50	504201	1@1	CP_QAM64	22.06	22.86	33	PASS
n41	15	50	504201	1@268	CP_QAM64	22.64	23.44	33	PASS
n41	15	50	504201	135@67	CP_QAM256	19.65	20.45	33	PASS
n41	15	50	504201	1@1	CP_QAM256	19.16	19.96	33	PASS
n41	15	50	504201	1@268	CP_QAM256	19.98	20.78	33	PASS
n41	15	50	518601	135@67	DFT_BPSK	26.51	27.31	33	PASS
n41	15	50	518601	1@1	DFT_BPSK	26.16	26.96	33	PASS
n41	15	50	518601	1@268	DFT_BPSK	26.14	26.94	33	PASS
n41	15	50	518601	135@67	DFT_QPSK	26.50	27.30	33	PASS
n41	15	50	518601	1@1	DFT_QPSK	26.02	26.82	33	PASS
n41	15	50	518601	1@268	DFT_QPSK	26.00	26.80	33	PASS
n41	15	50	518601	135@67	DFT_QAM16	25.56	26.36	33	PASS
n41	15	50	518601	1@1	DFT_QAM16	25.33	26.13	33	PASS
n41	15	50	518601	1@268	DFT_QAM16	24.92	25.72	33	PASS
n41	15	50	518601	135@67	DFT_QAM64	24.05	24.85	33	PASS
n41	15	50	518601	1@1	DFT_QAM64	23.66	24.46	33	PASS
n41	15	50	518601	1@268	DFT_QAM64	23.86	24.66	33	PASS
n41	15	50	518601	135@67	DFT_QAM256	22.03	22.83	33	PASS
n41	15	50	518601	1@1	DFT_QAM256	21.75	22.55	33	PASS
n41	15	50	518601	1@268	DFT_QAM256	22.07	22.87	33	PASS
n41	15	50	518601	135@67	CP_QPSK	25.07	25.87	33	PASS
n41	15	50	518601	1@1	CP_QPSK	24.72	25.52	33	PASS
n41	15	50	518601	1@268	CP_QPSK	24.62	25.42	33	PASS
n41	15	50	518601	135@67	CP_QAM16	24.49	25.29	33	PASS
n41	15	50	518601	1@1	CP_QAM16	24.43	25.23	33	PASS
n41	15	50	518601	1@268	CP_QAM16	24.19	24.99	33	PASS
n41	15	50	518601	135@67	CP_QAM64	23.00	23.80	33	PASS
n41	15	50	518601	1@1	CP_QAM64	22.78	23.58	33	PASS
n41	15	50	518601	1@268	CP_QAM64	22.47	23.27	33	PASS
n41	15	50	518601	135@67	CP_QAM256	20.02	20.82	33	PASS
n41	15	50	518601	1@1	CP_QAM256	19.57	20.37	33	PASS
n41	15	50	518601	1@268	CP_QAM256	19.58	20.38	33	PASS
n41	15	50	532998	135@67	DFT_BPSK	26.17	26.97	33	PASS
n41	15	50	532998	1@1	DFT_BPSK	25.99	26.79	33	PASS
n41	15	50	532998	1@268	DFT_BPSK	26.02	26.82	33	PASS
n41	15	50	532998	135@67	DFT_QPSK	26.32	27.12	33	PASS
n41	15	50	532998	1@1	DFT_QPSK	25.77	26.57	33	PASS
n41	15	50	532998	1@268	DFT_QPSK	25.94	26.74	33	PASS
n41	15	50	532998	135@67	DFT_QAM16	25.36	26.16	33	PASS
n41	15	50	532998	1@1	DFT_QAM16	24.99	25.79	33	PASS
n41	15	50	532998	1@268	DFT_QAM16	24.95	25.75	33	PASS
n41	15	50	532998	135@67	DFT_QAM64	23.69	24.49	33	PASS

n41	15	50	532998	1@1	DFT_QAM64	23.68	24.48	33	PASS
n41	15	50	532998	1@268	DFT_QAM64	23.59	24.39	33	PASS
n41	15	50	532998	135@67	DFT_QAM256	21.69	22.49	33	PASS
n41	15	50	532998	1@1	DFT_QAM256	21.78	22.58	33	PASS
n41	15	50	532998	1@268	DFT_QAM256	22.00	22.80	33	PASS
n41	15	50	532998	135@67	CP_QPSK	24.76	25.56	33	PASS
n41	15	50	532998	1@1	CP_QPSK	24.40	25.20	33	PASS
n41	15	50	532998	1@268	CP_QPSK	24.45	25.25	33	PASS
n41	15	50	532998	135@67	CP_QAM16	24.18	24.98	33	PASS
n41	15	50	532998	1@1	CP_QAM16	24.13	24.93	33	PASS
n41	15	50	532998	1@268	CP_QAM16	24.52	25.32	33	PASS
n41	15	50	532998	135@67	CP_QAM64	22.76	23.56	33	PASS
n41	15	50	532998	1@1	CP_QAM64	22.27	23.07	33	PASS
n41	15	50	532998	1@268	CP_QAM64	22.43	23.23	33	PASS
n41	15	50	532998	135@67	CP_QAM256	19.72	20.52	33	PASS
n41	15	50	532998	1@1	CP_QAM256	19.28	20.08	33	PASS
n41	15	50	532998	1@268	CP_QAM256	20.03	20.83	33	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result (Hz)	Result (ppm)	Limit (ppm)	Verdict
n41	15	50	518601	135@67	DFT_BPSK	3.50	1.80	0.00	Within authorized band for 5G NR n41	PASS
n41	15	50	518601	135@67	DFT_BPSK	3.85	1.66	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	4.40	-1.49	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	3.50	-3.69	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	3.85	-7.42	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	4.40	-5.95	0.00		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature (℃)	Result (Hz)	Result (ppm)	Limit (ppm)	Verdict
n41	15	50	518601	135@67	DFT_BPSK	-30	2.89	0.00	Within authorized band for 5G NR n41	PASS
n41	15	50	518601	135@67	DFT_BPSK	-20	-1.38	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	-10	1.38	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	0	0.20	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	10	3.20	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	20	0.13	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	30	-0.61	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	40	2.56	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	50	2.37	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	-30	-6.73	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	-20	-5.10	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	-10	-5.42	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	0	-7.47	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	10	-8.31	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	20	-4.19	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	30	-5.91	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	40	-4.70	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	50	-4.78	0.00		PASS

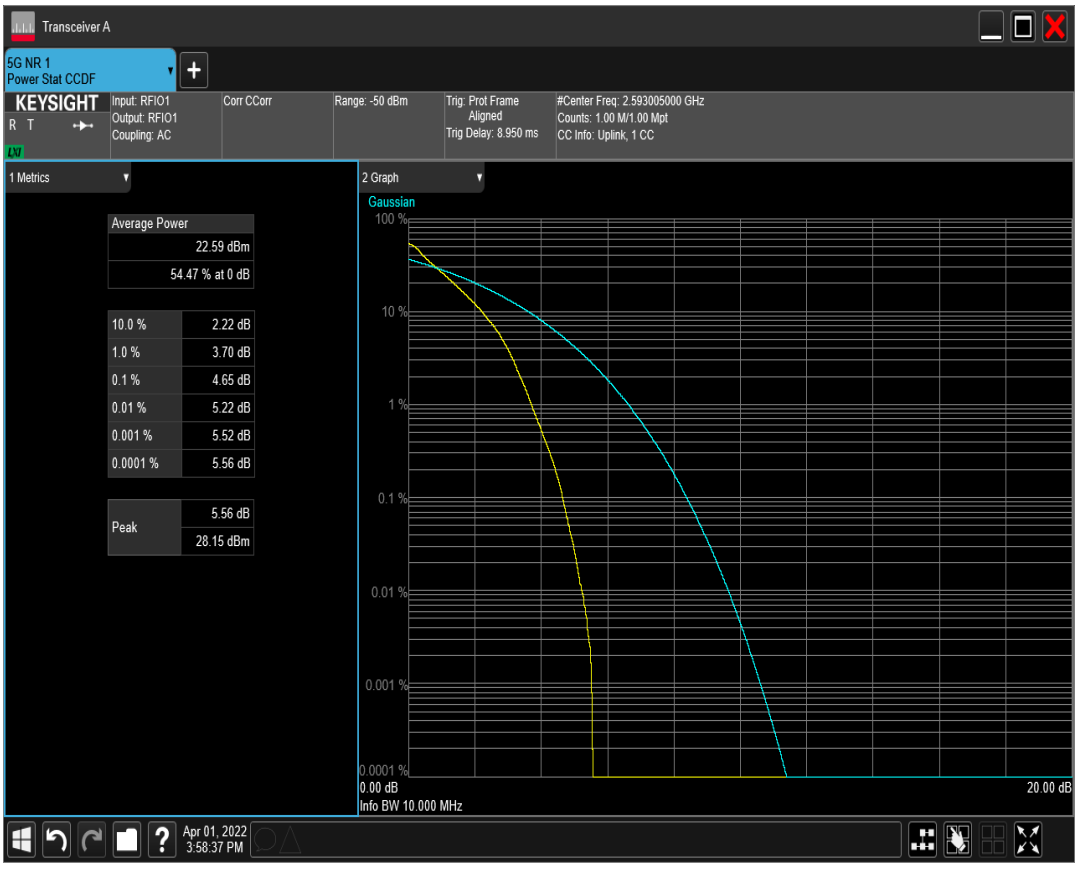
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

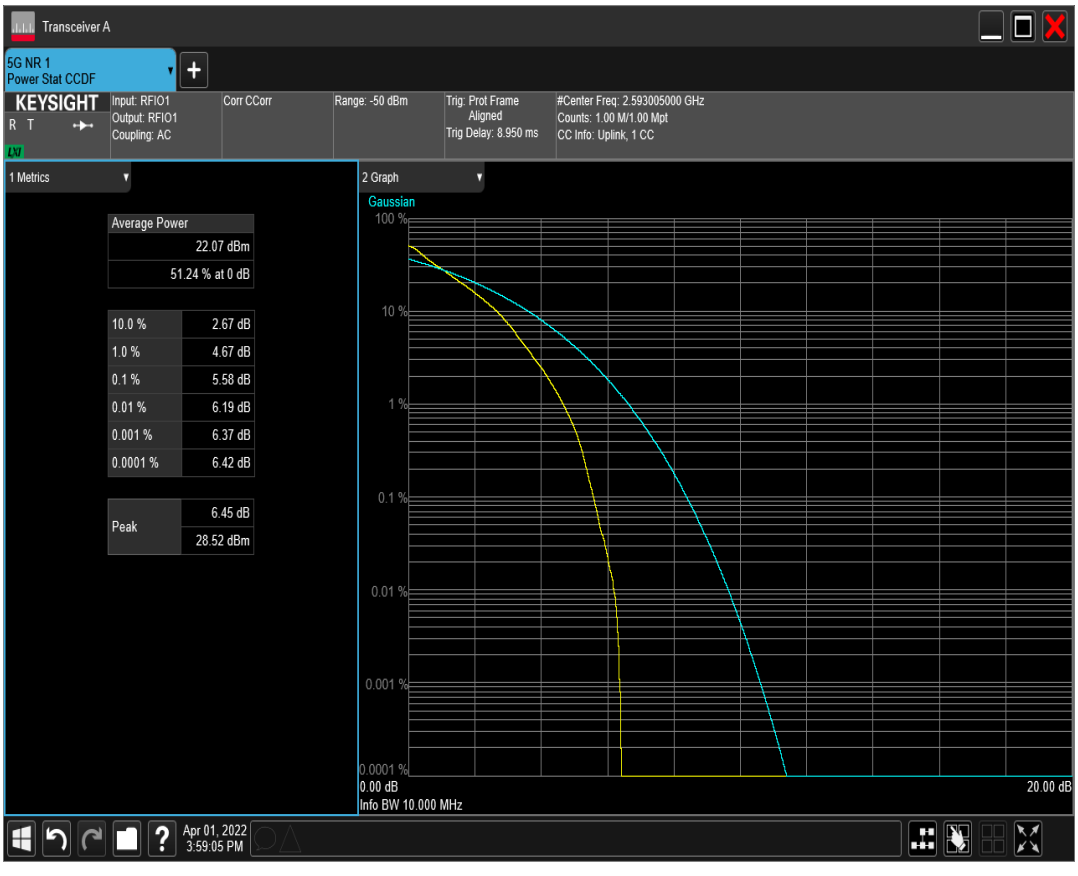
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n41	15	10	518601	50@0	DFT_BPSK	4.65	13	PASS
n41	15	10	518601	50@0	DFT_QPSK	5.58	13	PASS
n41	15	10	518601	50@0	DFT_QAM16	6.32	13	PASS
n41	15	10	518601	50@0	DFT_QAM64	6.58	13	PASS
n41	15	10	518601	50@0	DFT_QAM256	7.16	13	PASS
n41	15	15	518601	75@0	DFT_BPSK	4.36	13	PASS

n41	15	15	518601	75@0	DFT_QPSK	5.36	13	PASS
n41	15	15	518601	75@0	DFT_QAM16	6.20	13	PASS
n41	15	15	518601	75@0	DFT_QAM64	6.43	13	PASS
n41	15	15	518601	75@0	DFT_QAM256	6.87	13	PASS
n41	15	20	518601	100@0	DFT_BPSK	4.40	13	PASS
n41	15	20	518601	100@0	DFT_QPSK	5.44	13	PASS
n41	15	20	518601	100@0	DFT_QAM16	6.13	13	PASS
n41	15	20	518601	100@0	DFT_QAM64	6.42	13	PASS
n41	15	20	518601	100@0	DFT_QAM256	6.97	13	PASS
n41	15	30	518601	160@0	DFT_BPSK	4.32	13	PASS
n41	15	30	518601	160@0	DFT_QPSK	5.32	13	PASS
n41	15	30	518601	160@0	DFT_QAM16	6.14	13	PASS
n41	15	30	518601	160@0	DFT_QAM64	6.39	13	PASS
n41	15	30	518601	160@0	DFT_QAM256	7.13	13	PASS
n41	15	40	518598	216@0	DFT_BPSK	4.81	13	PASS
n41	15	40	518598	216@0	DFT_QPSK	5.52	13	PASS
n41	15	40	518598	216@0	DFT_QAM16	6.25	13	PASS
n41	15	40	518598	216@0	DFT_QAM64	6.46	13	PASS
n41	15	40	518598	216@0	DFT_QAM256	6.94	13	PASS
n41	15	50	518601	270@0	DFT_BPSK	4.91	13	PASS
n41	15	50	518601	270@0	DFT_QPSK	5.53	13	PASS
n41	15	50	518601	270@0	DFT_QAM16	6.23	13	PASS
n41	15	50	518601	270@0	DFT_QAM64	6.54	13	PASS
n41	15	50	518601	270@0	DFT_QAM256	7.01	13	PASS

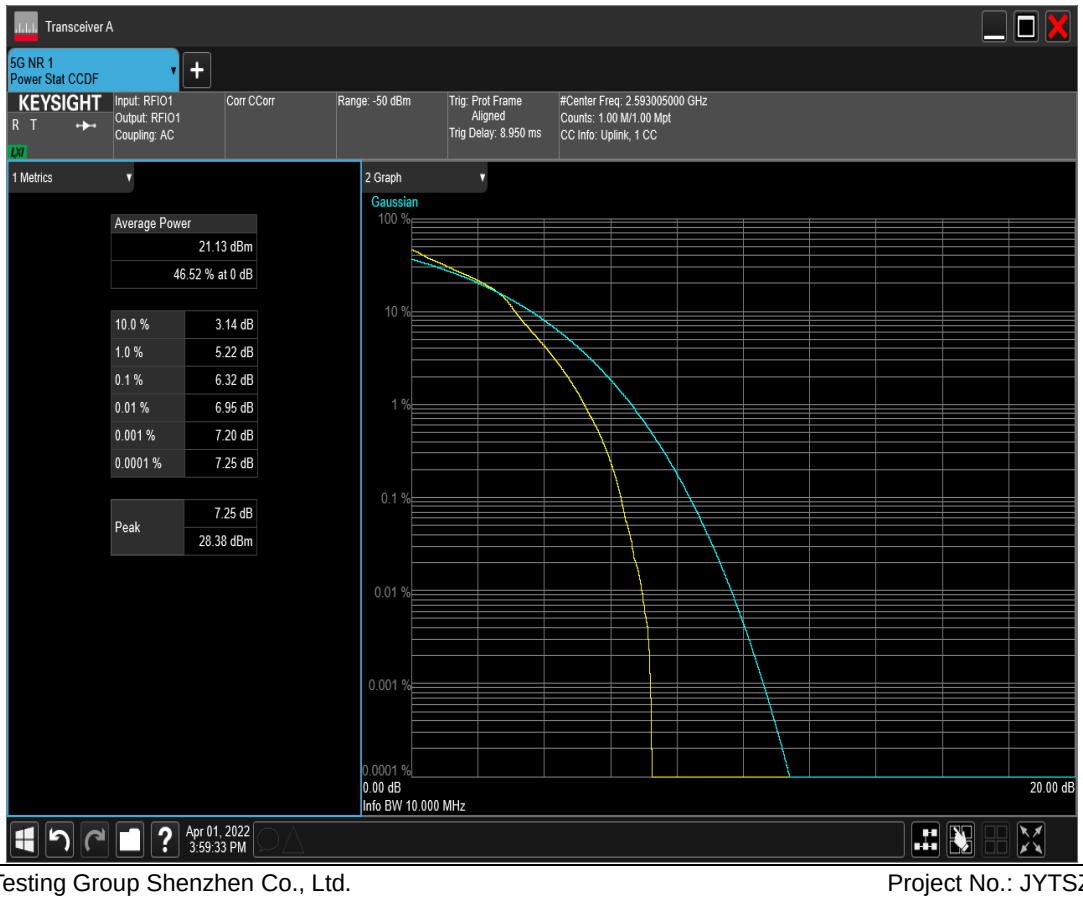
n41 SCS=15kHz DFT_BPSK BW=10MHz Channel=518601 RB=50@0


Transceiver A
5G NR 1
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -50 dBm
Trig: Prot Frame
Aligned
Trig Delay: 8.950 ms
#Center Freq: 2.593005000 GHz
Counts: 1.00 M/1.00 Mpt
CC Info: Uplink, 1 CC
1 Metrics
Average Power
22.59 dBm
54.47 % at 0 dB
10.0 % 2.22 dB
1.0 % 3.70 dB
0.1 % 4.65 dB
0.01 % 5.22 dB
0.001 % 5.52 dB
0.0001 % 5.56 dB
Peak 5.56 dB
28.15 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
Info BW 10.000 MHz
Apr 01, 2022
3:58:37 PM

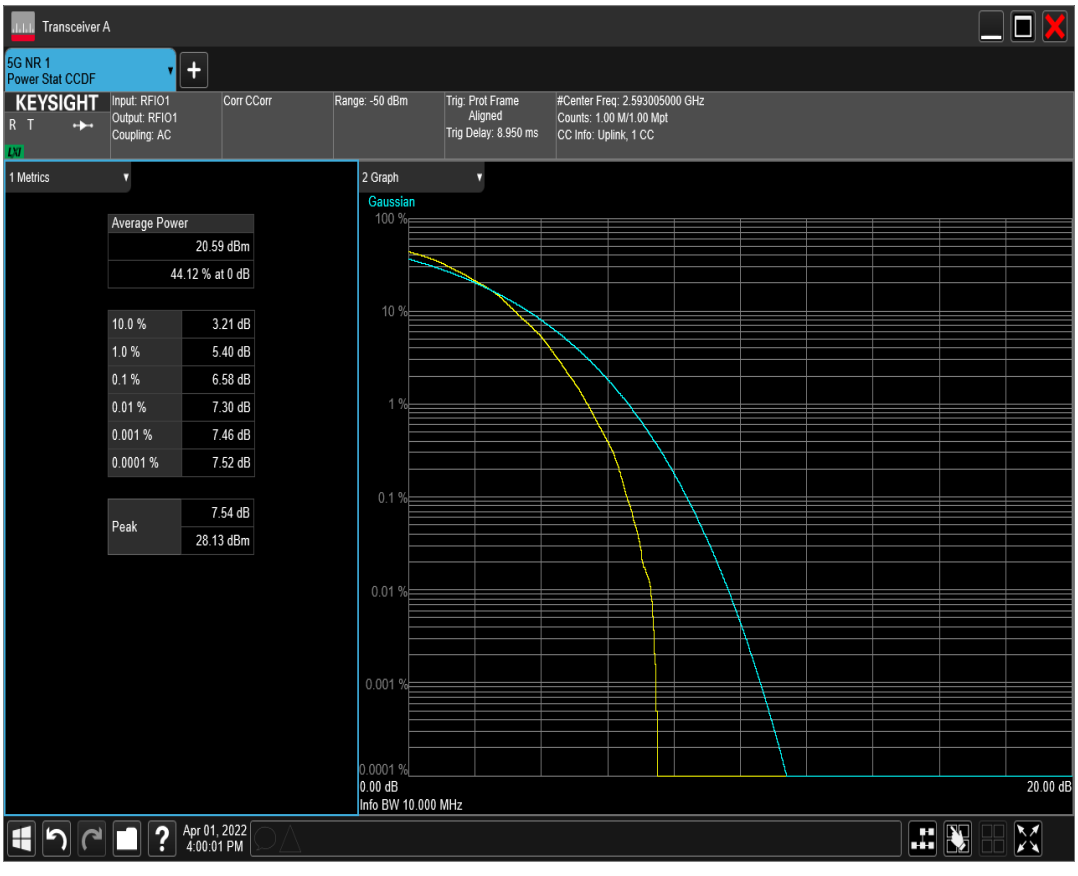
n41 SCS=15kHz DFT_QPSK BW=10MHz Channel=518601 RB=50@0



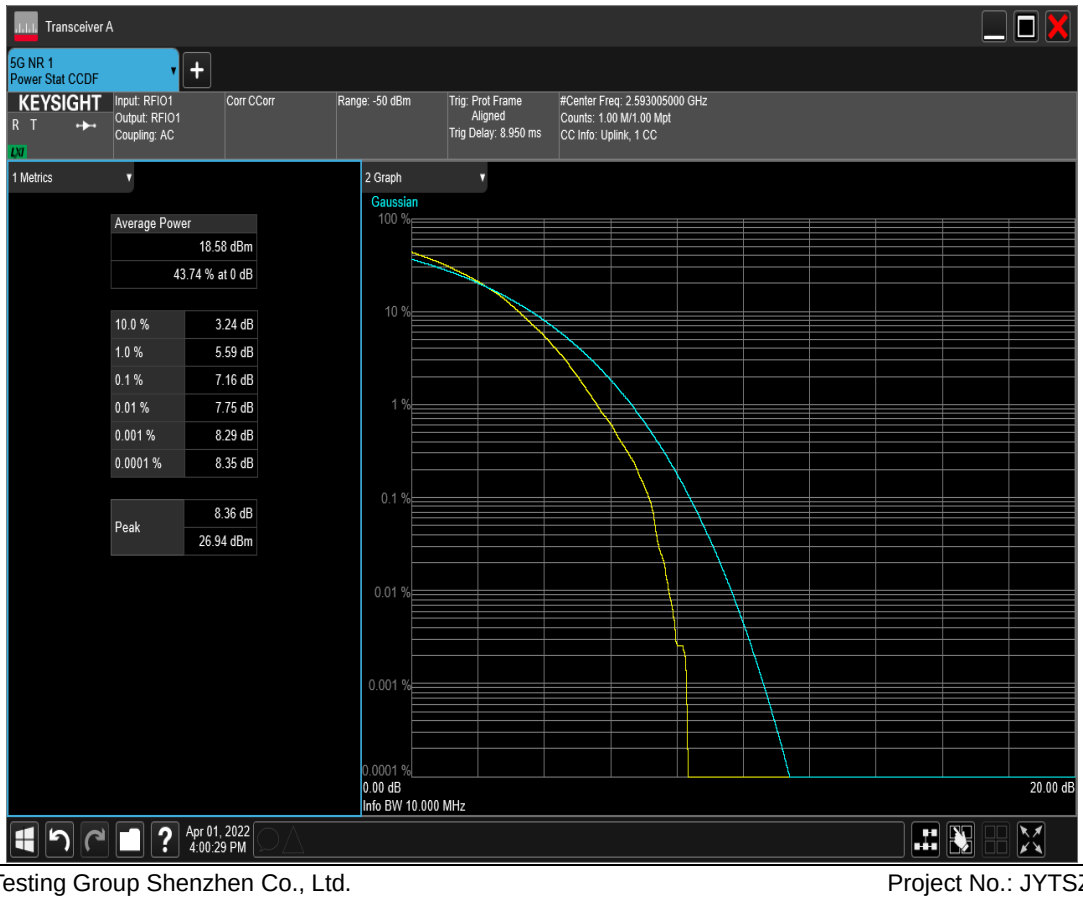
n41 SCS=15kHz DFT_QAM16 BW=10MHz Channel=518601 RB=50@0



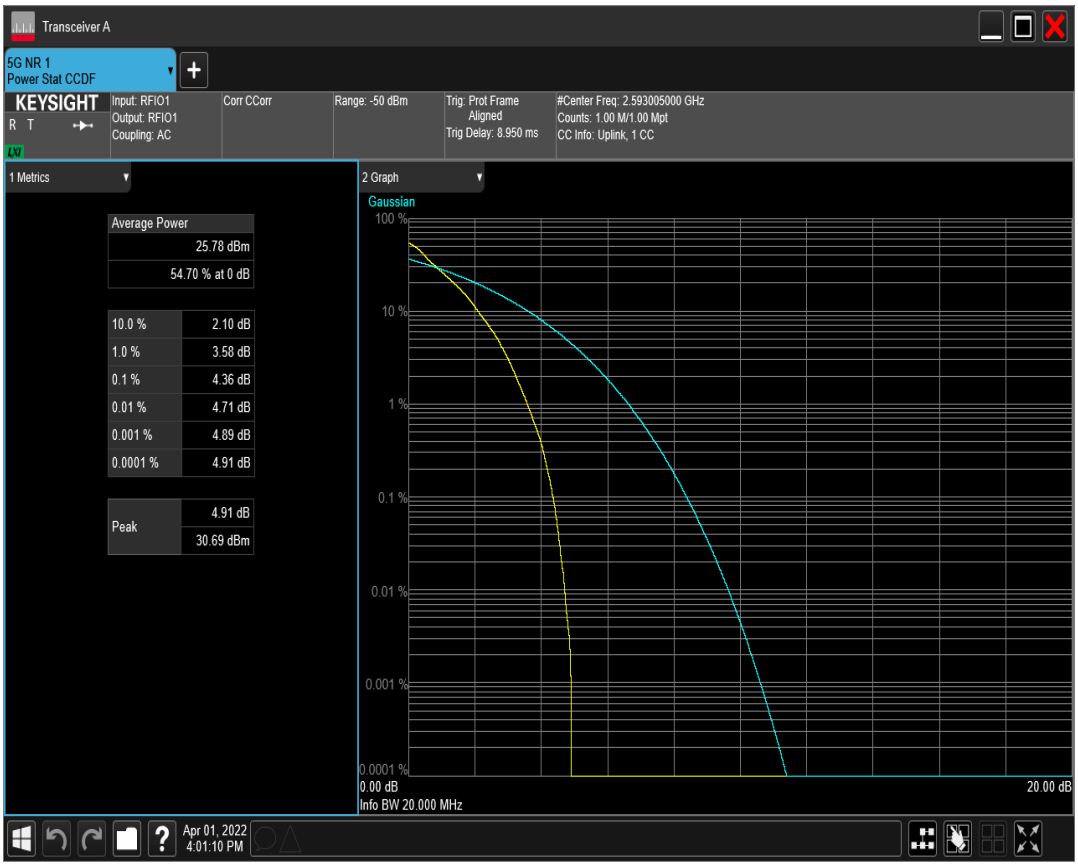
n41 SCS=15kHz DFT_QAM64 BW=10MHz Channel=518601 RB=50@0



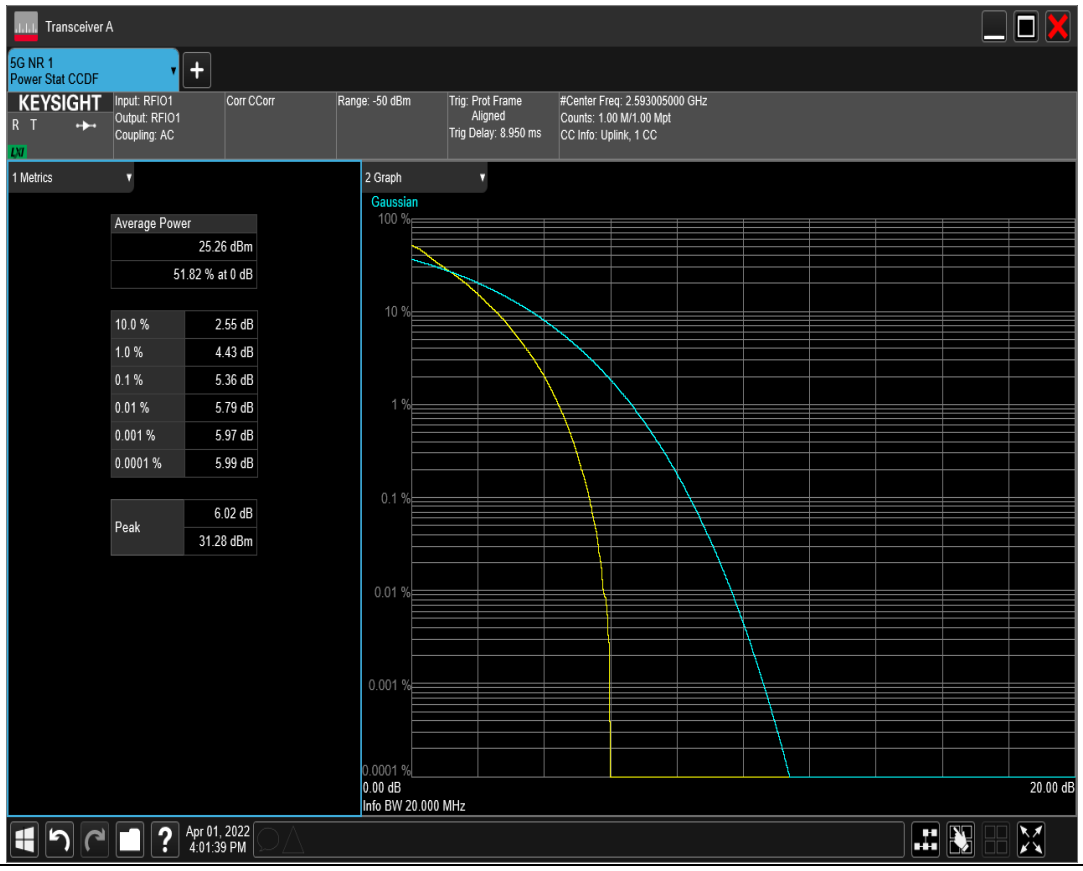
n41 SCS=15kHz DFT_QAM256 BW=10MHz Channel=518601 RB=50@0



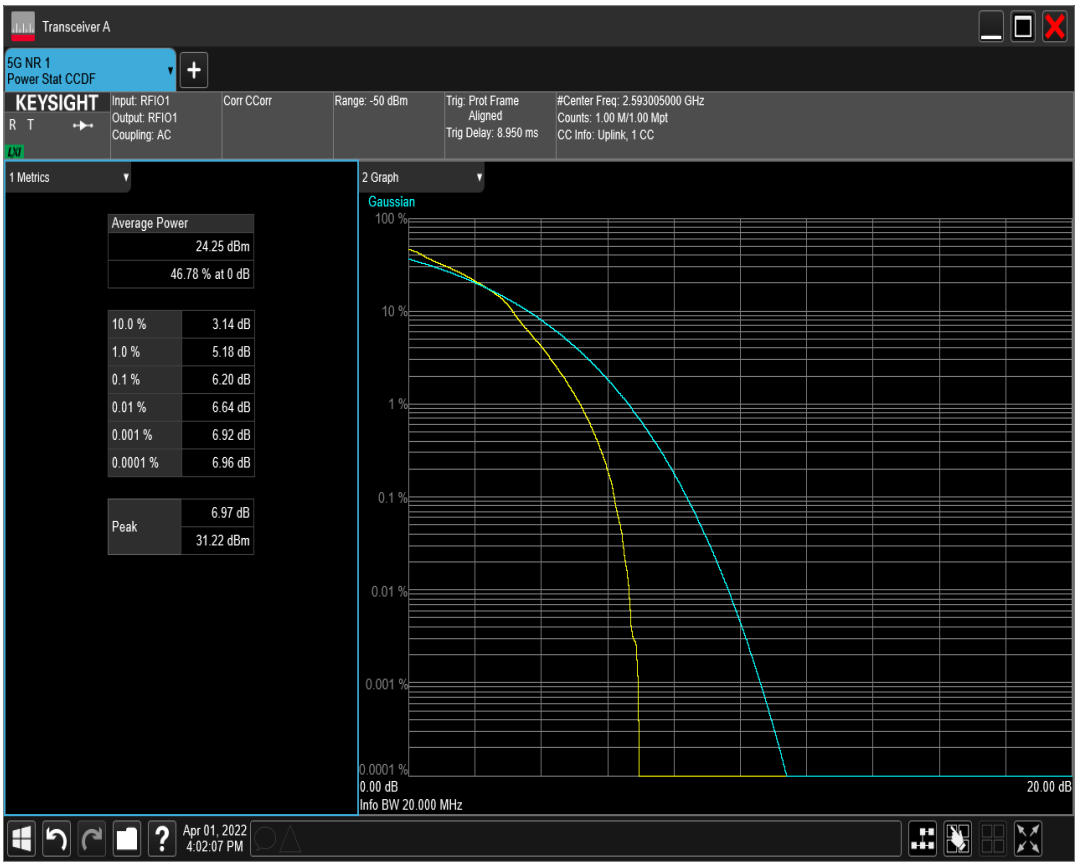
n41 SCS=15kHz DFT_BPSK BW=15MHz Channel=518601 RB=75@0



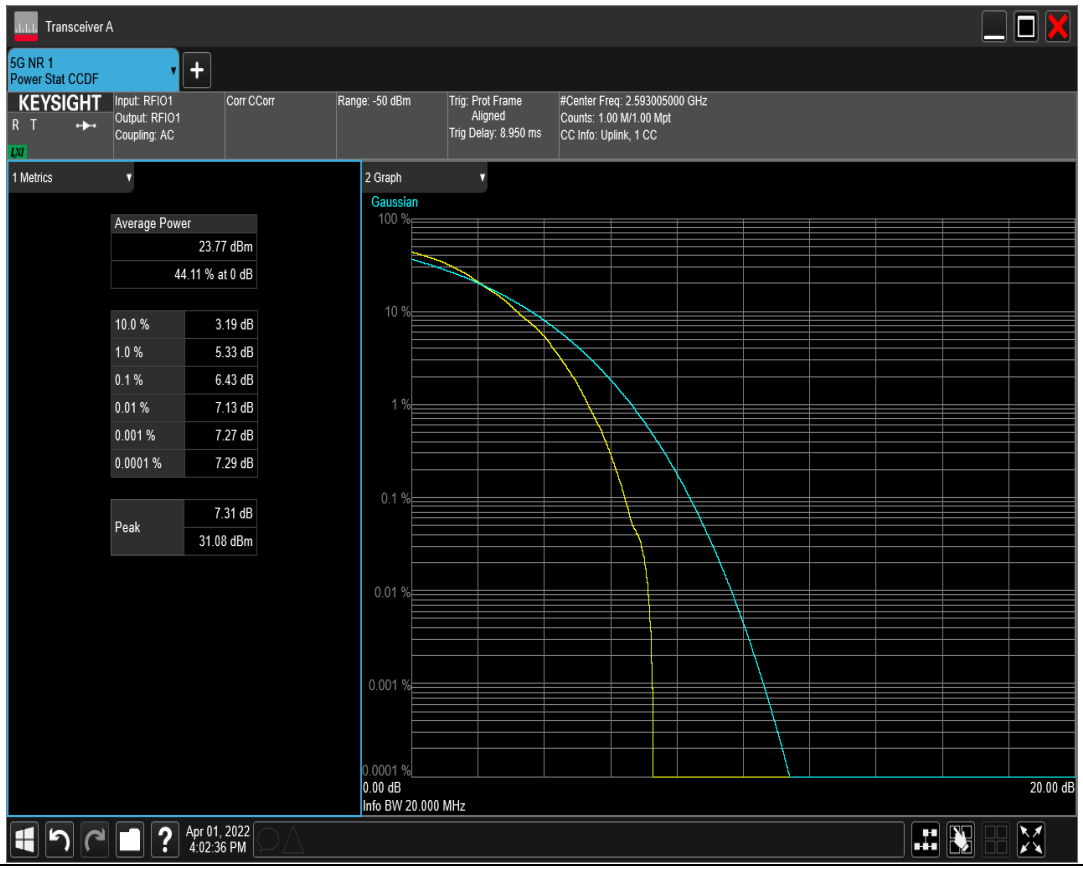
n41 SCS=15kHz DFT_QPSK BW=15MHz Channel=518601 RB=75@0



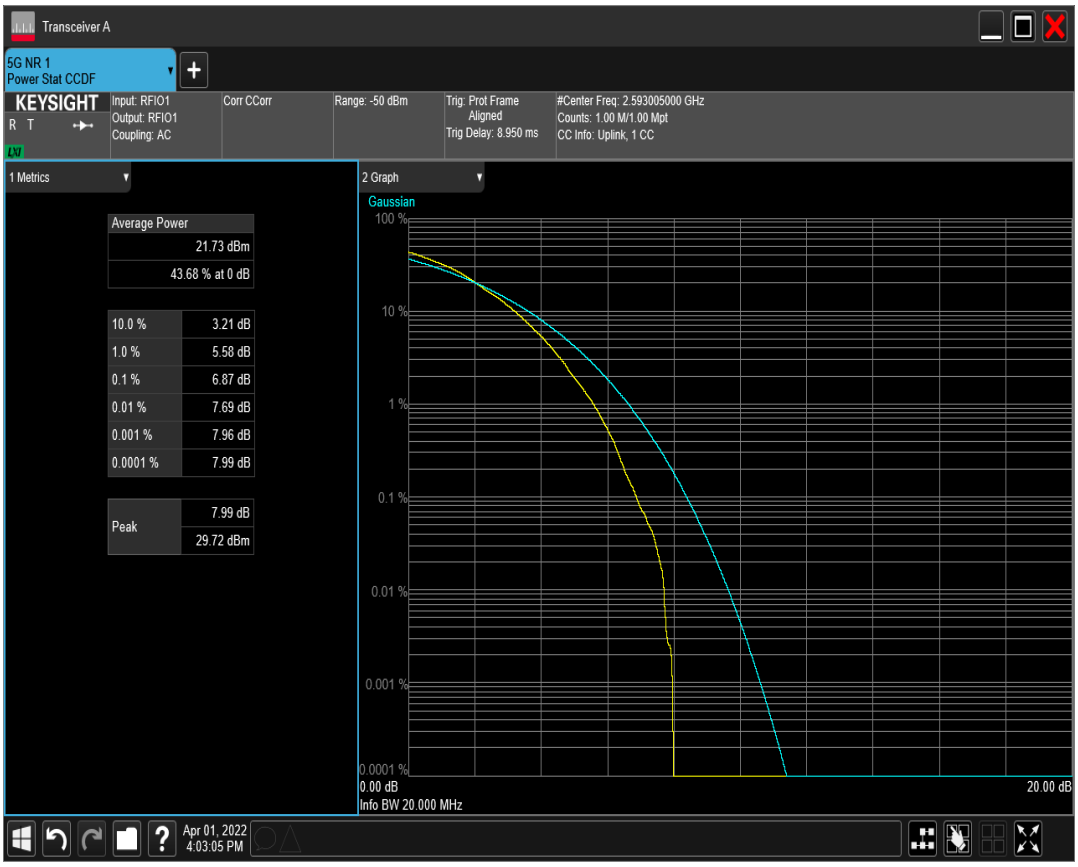
n41 SCS=15kHz DFT_QAM16 BW=15MHz Channel=518601 RB=75@0



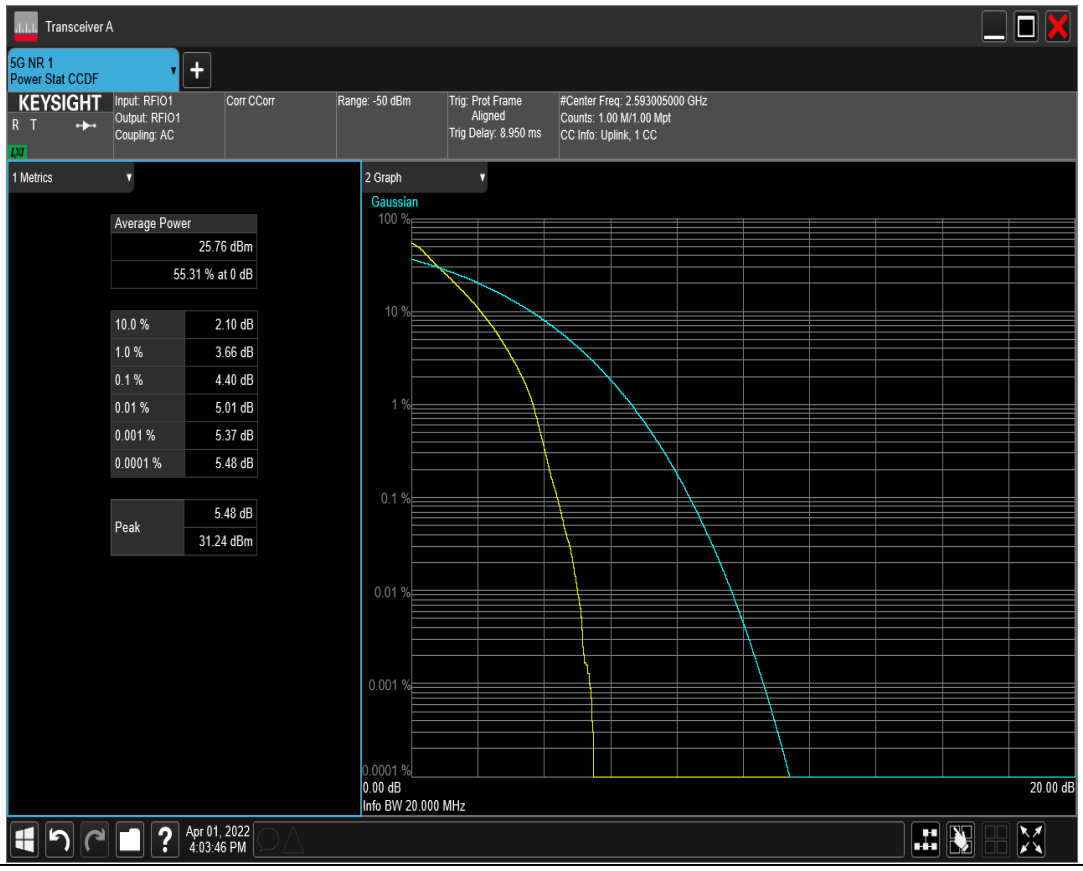
n41 SCS=15kHz DFT_QAM64 BW=15MHz Channel=518601 RB=75@0



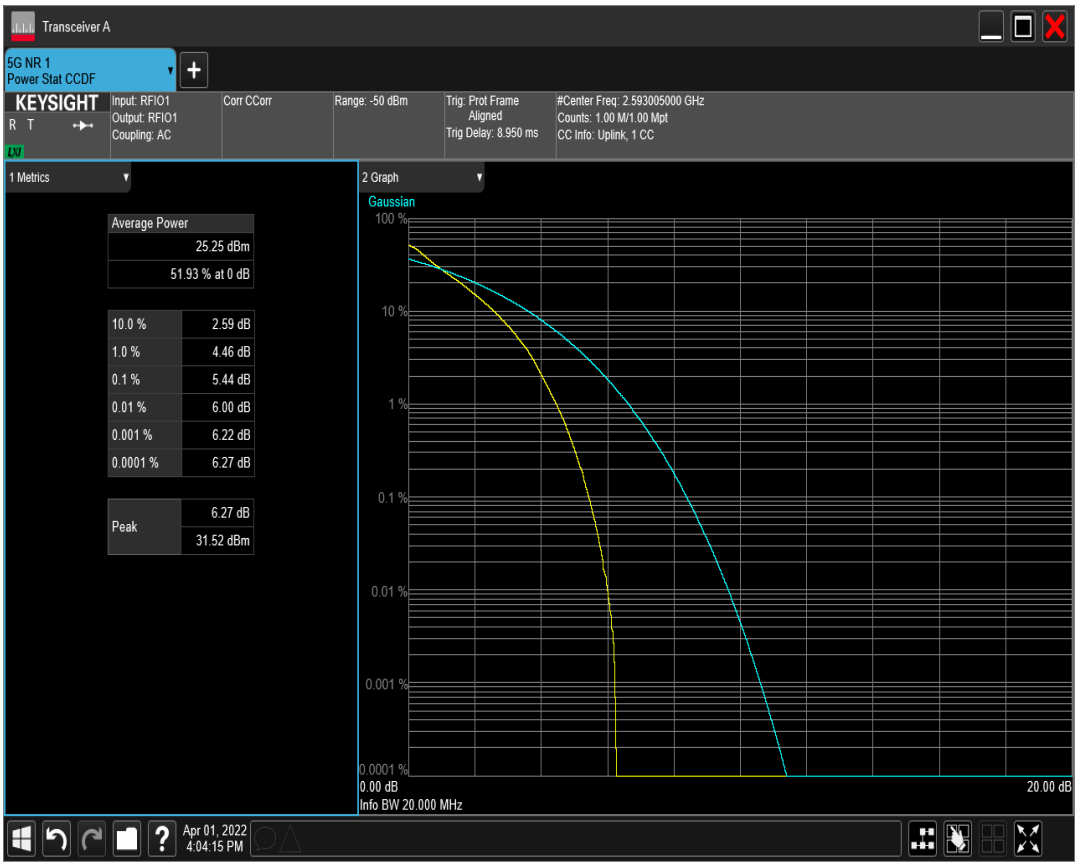
n41 SCS=15kHz DFT_QAM256 BW=15MHz Channel=518601 RB=75@0



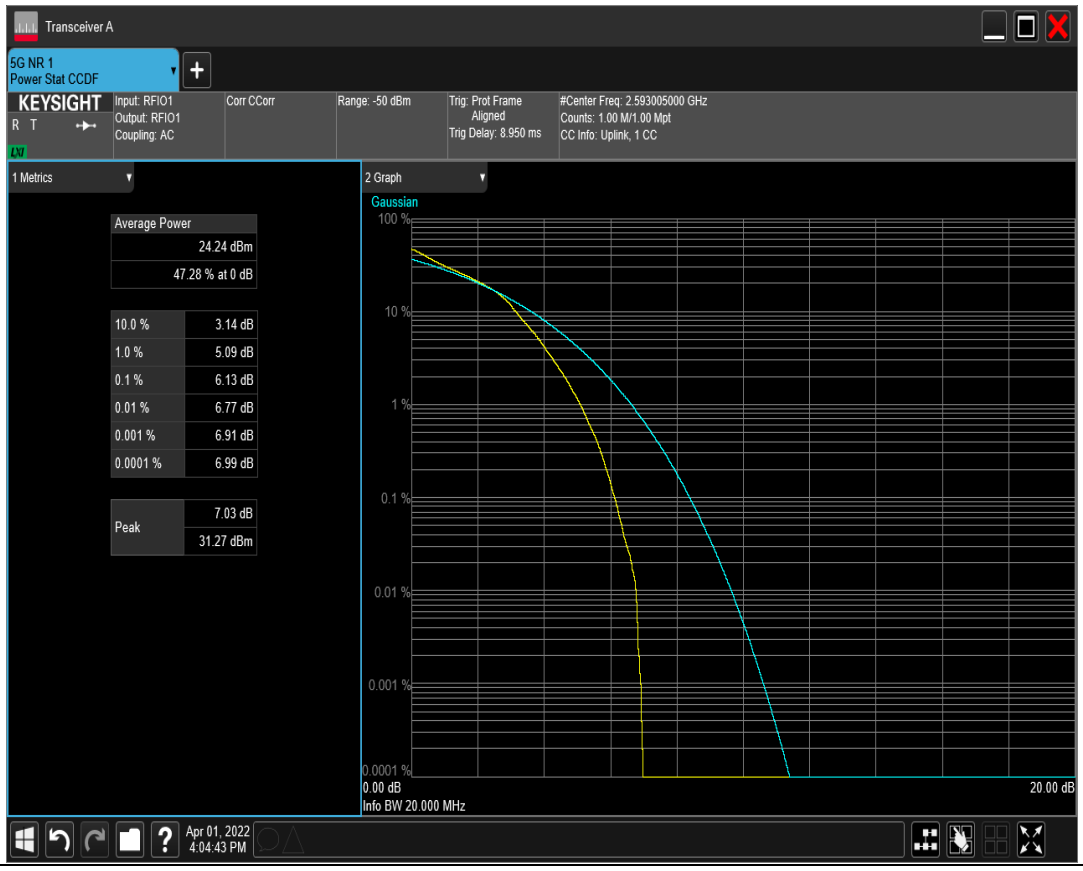
n41 SCS=15kHz DFT_BPSK BW=20MHz Channel=518601 RB=100@0



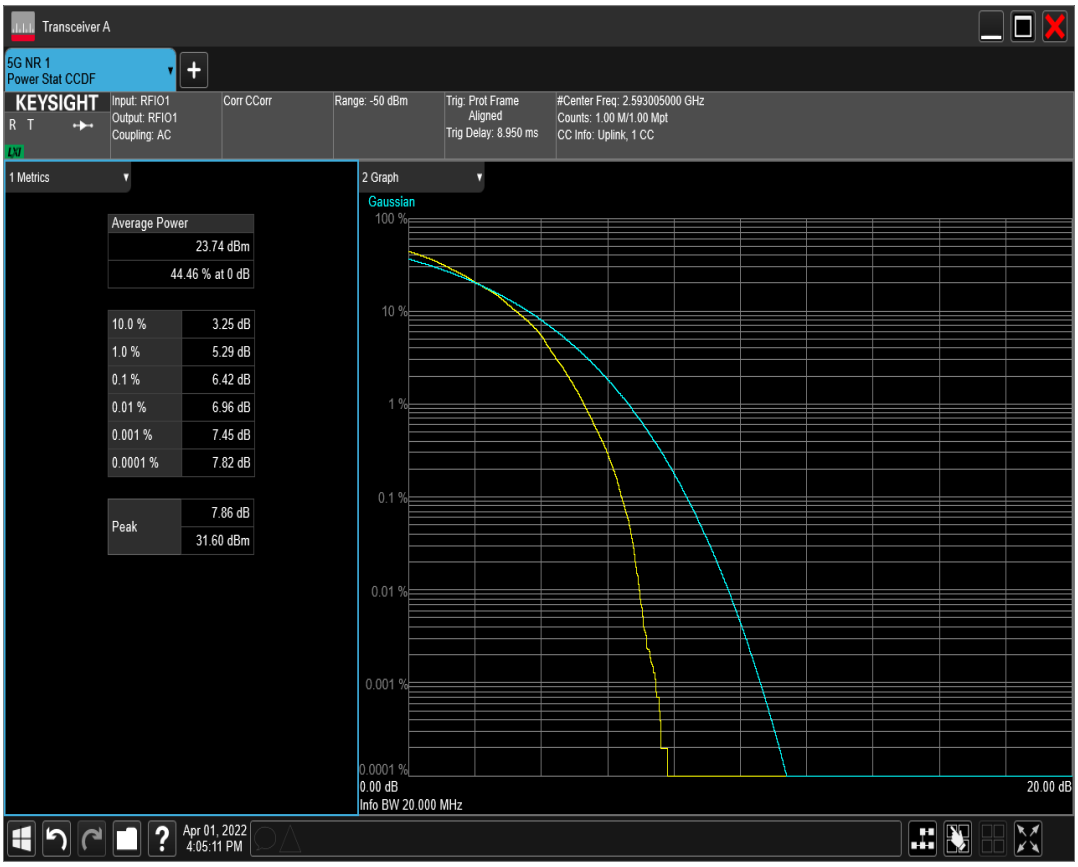
n41 SCS=15kHz DFT_QPSK BW=20MHz Channel=518601 RB=100@0



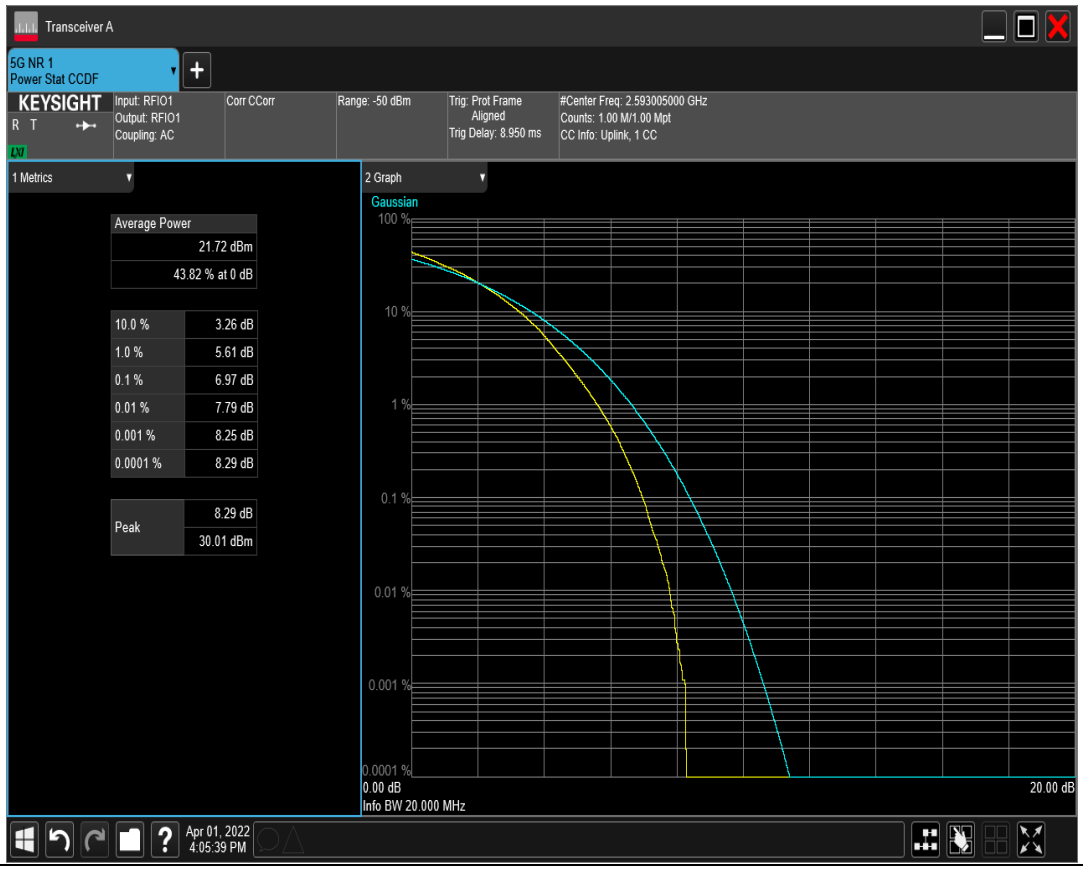
n41 SCS=15kHz DFT_QAM16 BW=20MHz Channel=518601 RB=100@0



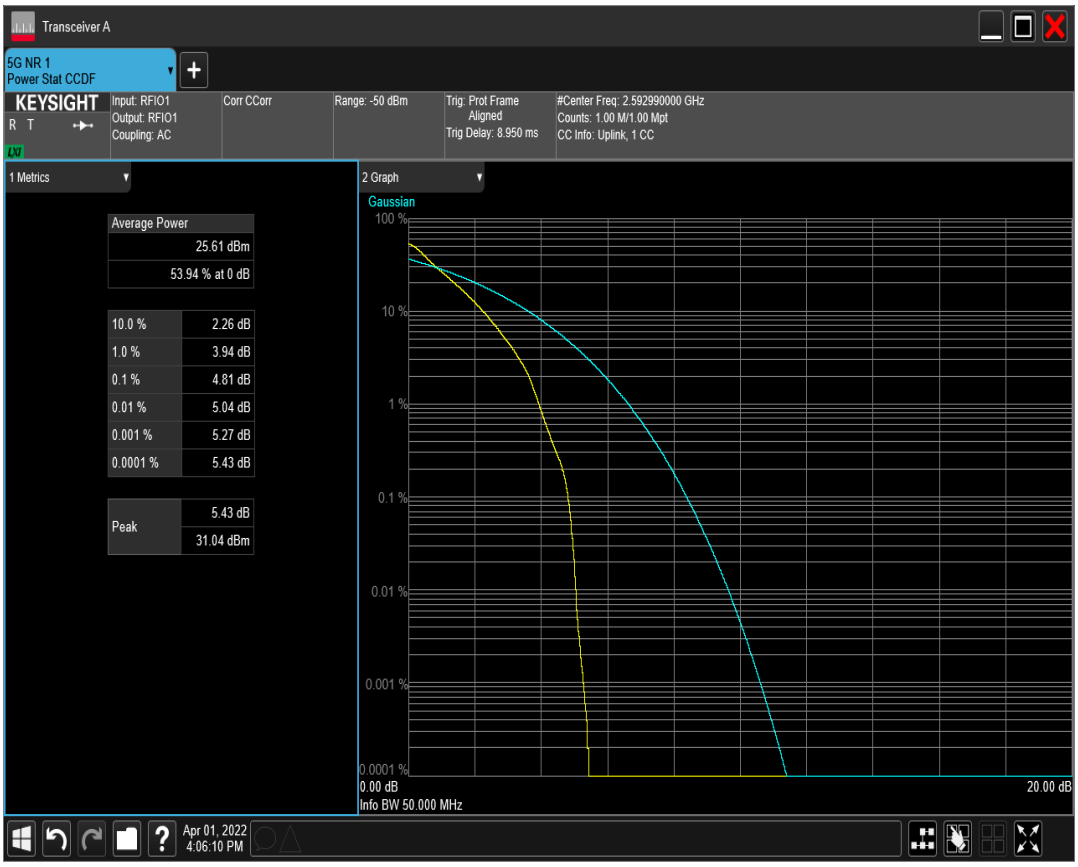
n41 SCS=15kHz DFT_QAM64 BW=20MHz Channel=518601 RB=100@0



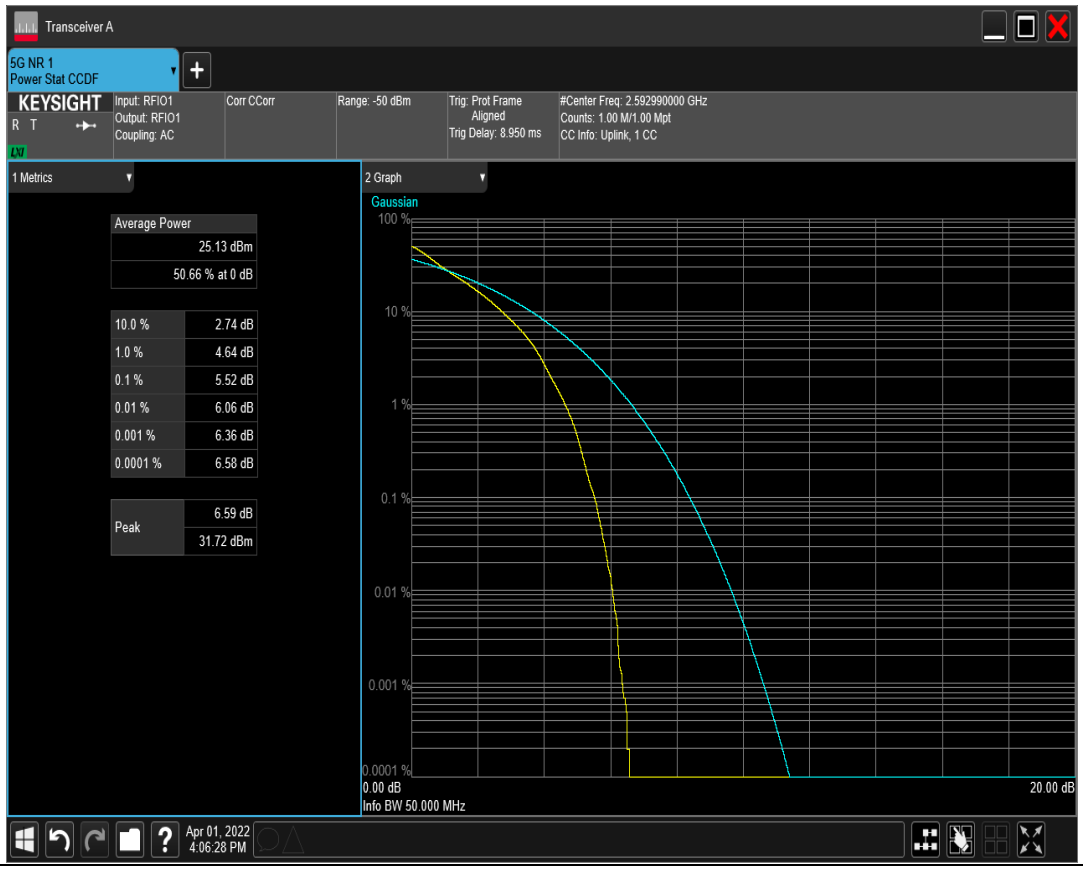
n41 SCS=15kHz DFT_QAM256 BW=20MHz Channel=518601 RB=100@0



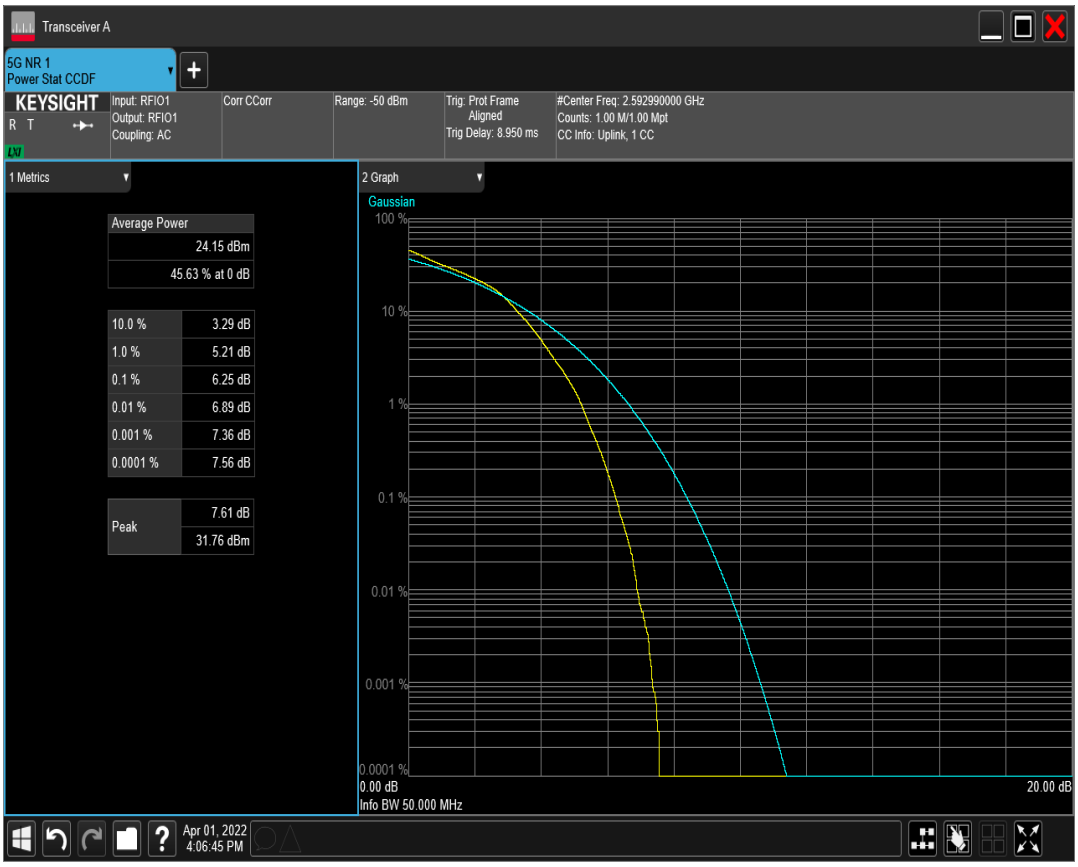
n41 SCS=15kHz DFT_BPSK BW=40MHz Channel=518598 RB=216@0



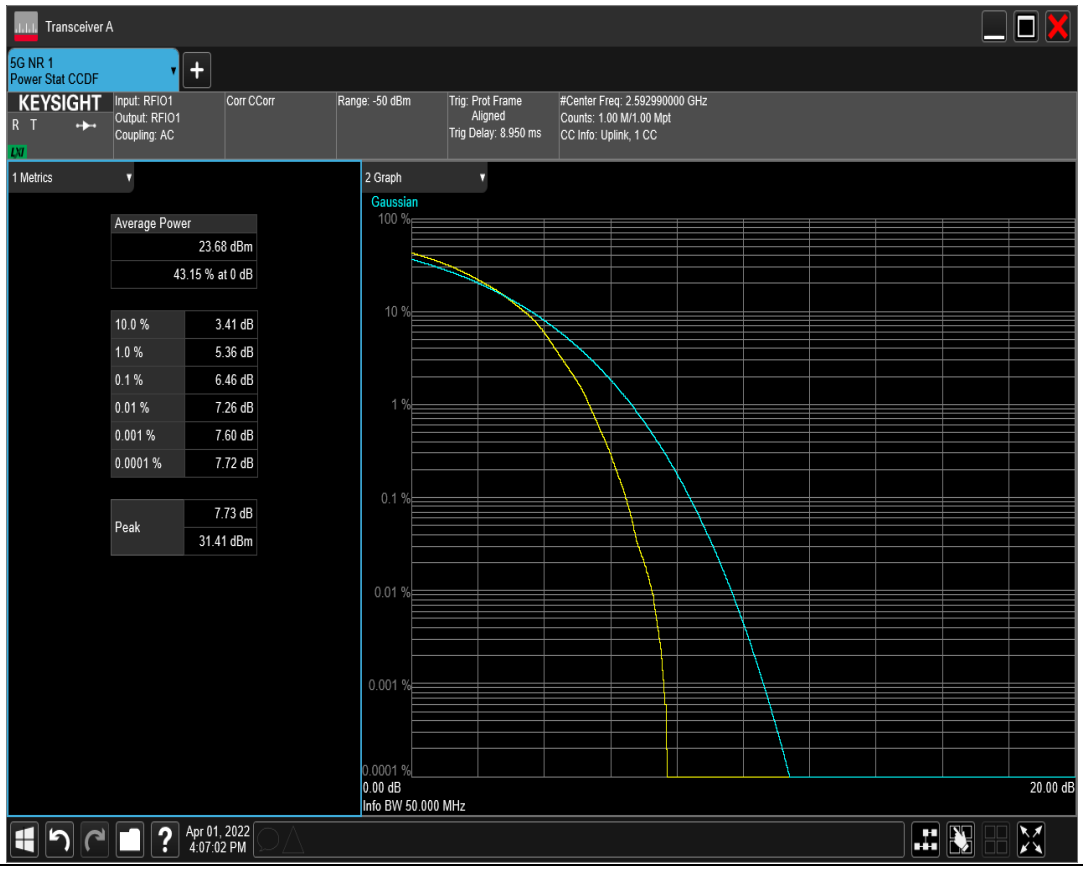
n41 SCS=15kHz DFT_QPSK BW=40MHz Channel=518598 RB=216@0



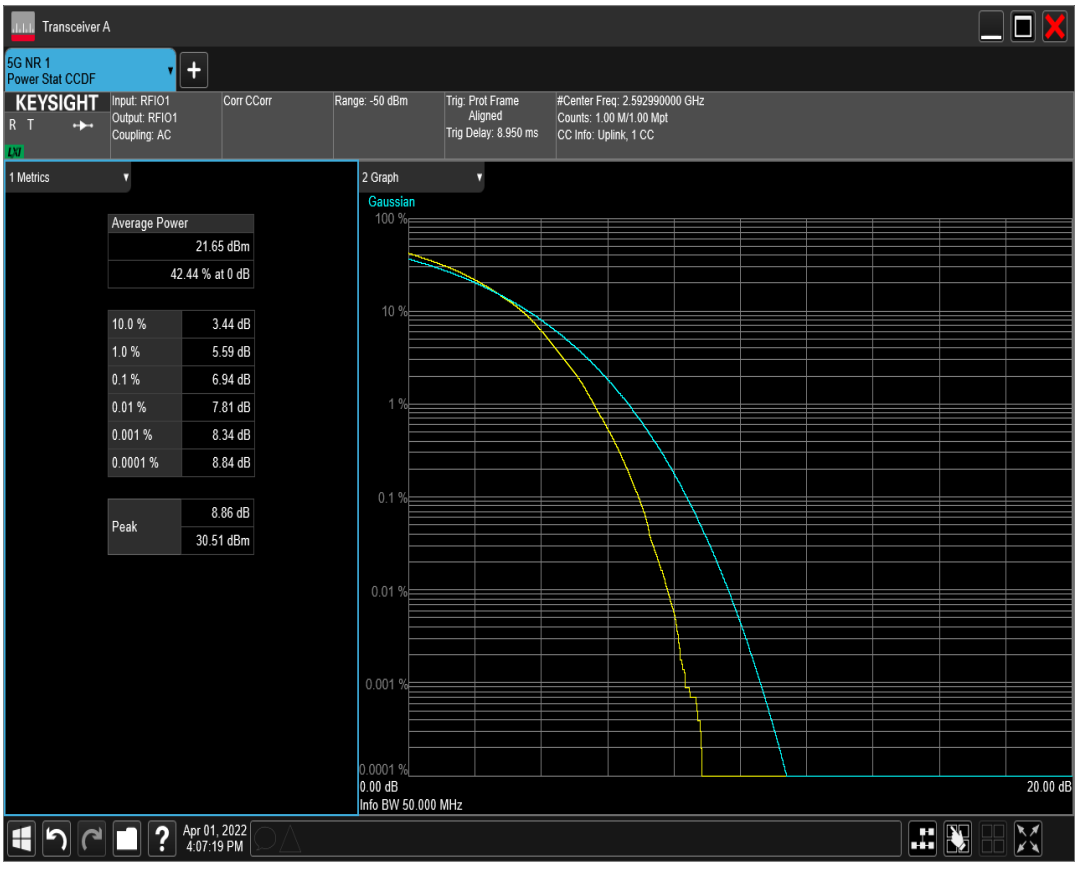
n41 SCS=15kHz DFT_QAM16 BW=40MHz Channel=518598 RB=216@0



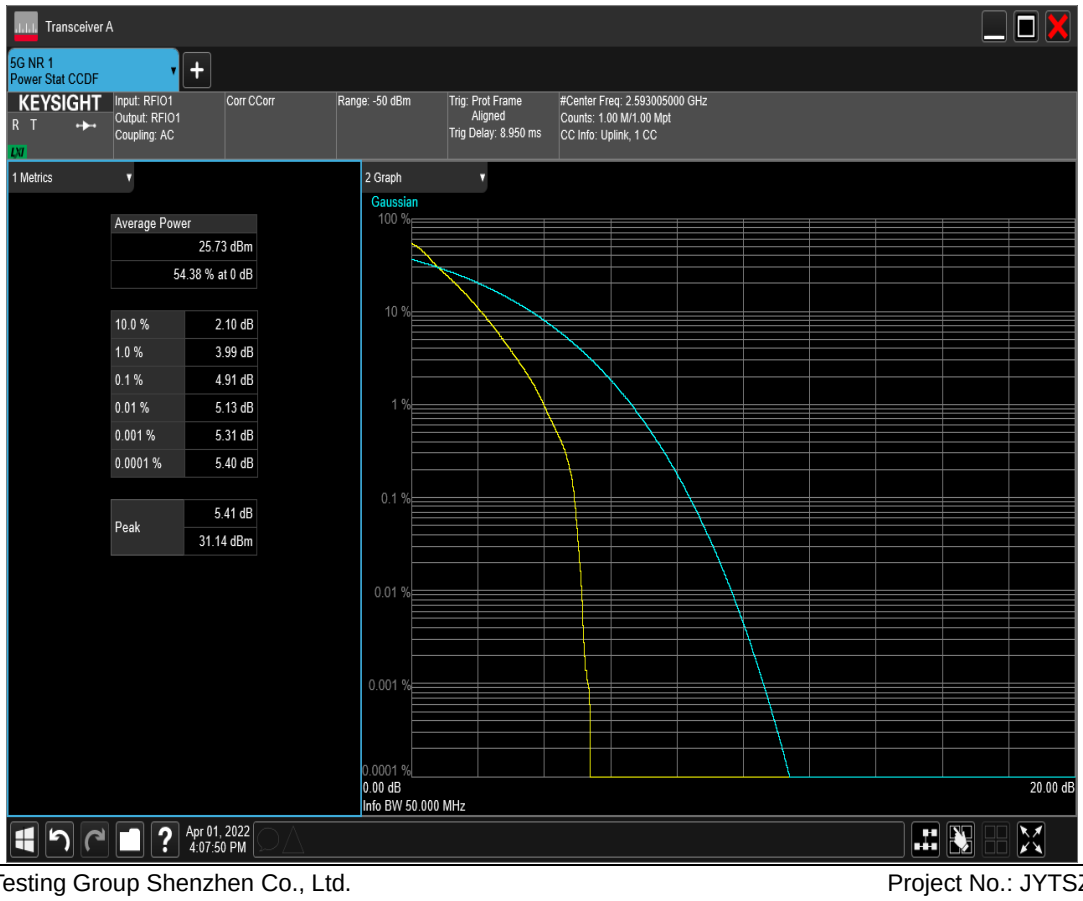
n41 SCS=15kHz DFT_QAM64 BW=40MHz Channel=518598 RB=216@0



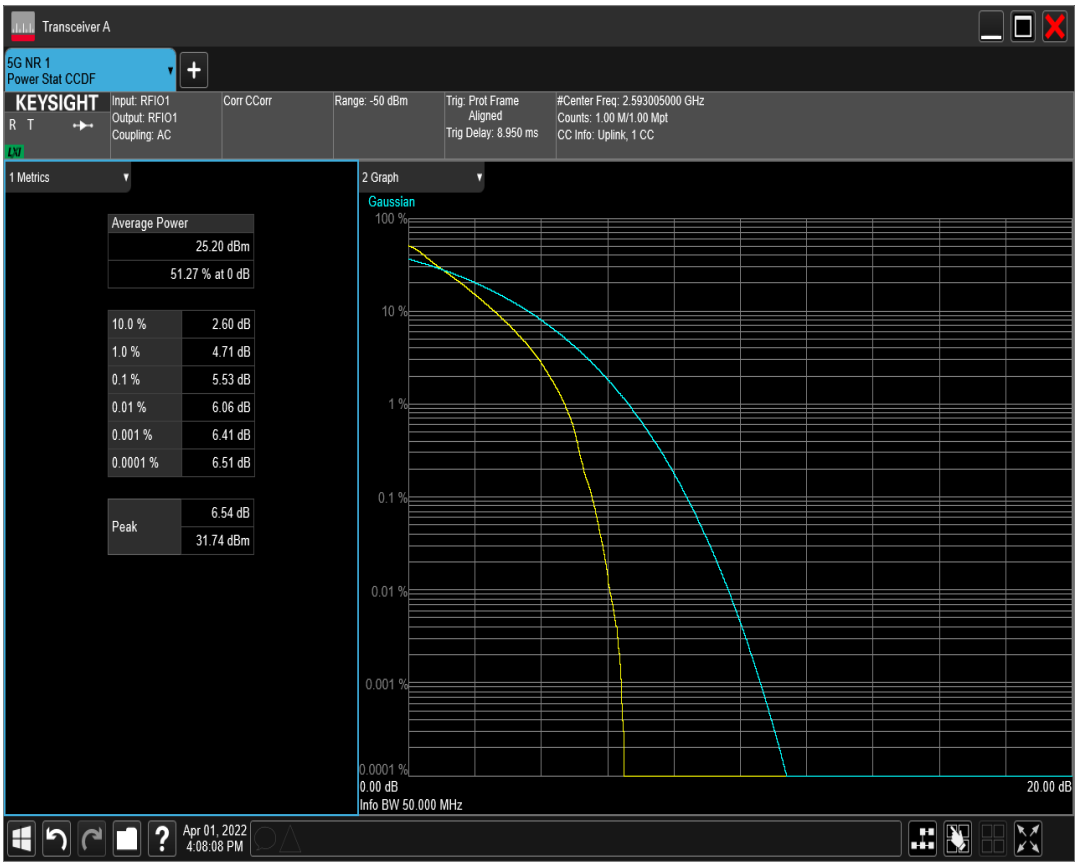
n41 SCS=15kHz DFT_QAM256 BW=40MHz Channel=518598 RB=216@0



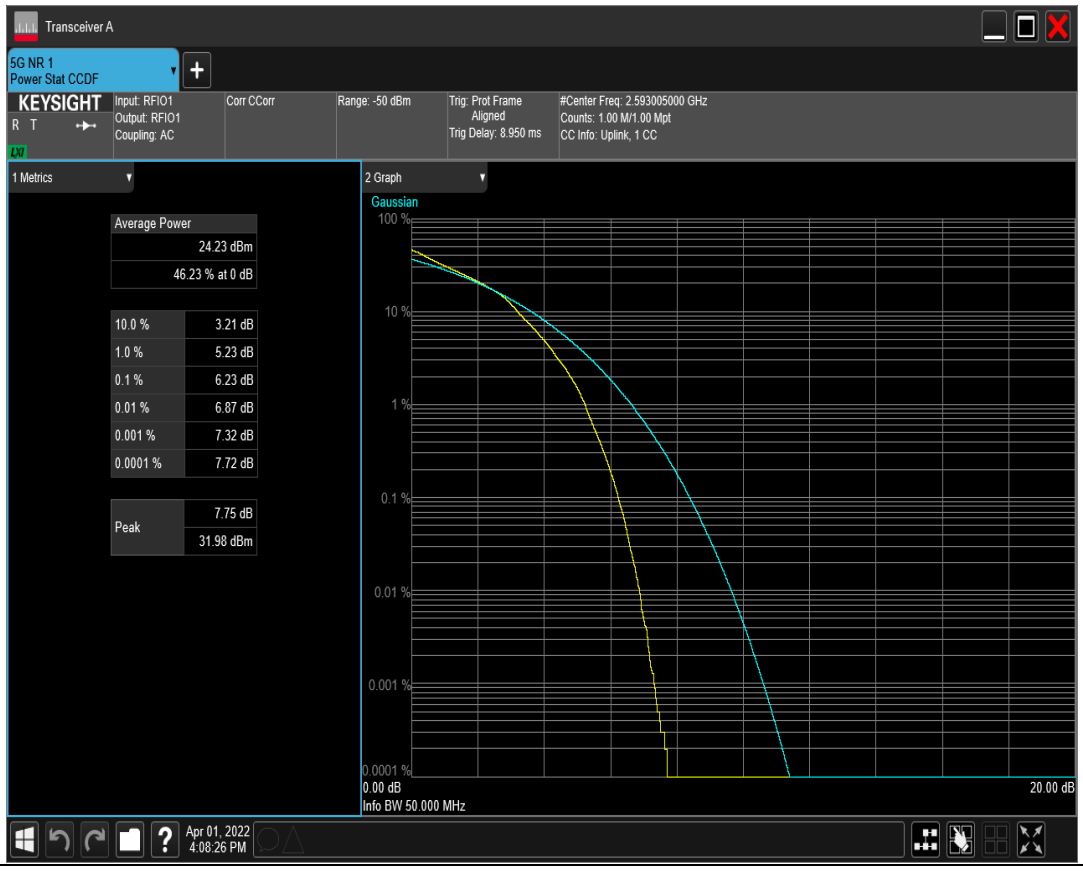
n41 SCS=15kHz DFT_BPSK BW=50MHz Channel=518601 RB=270@0



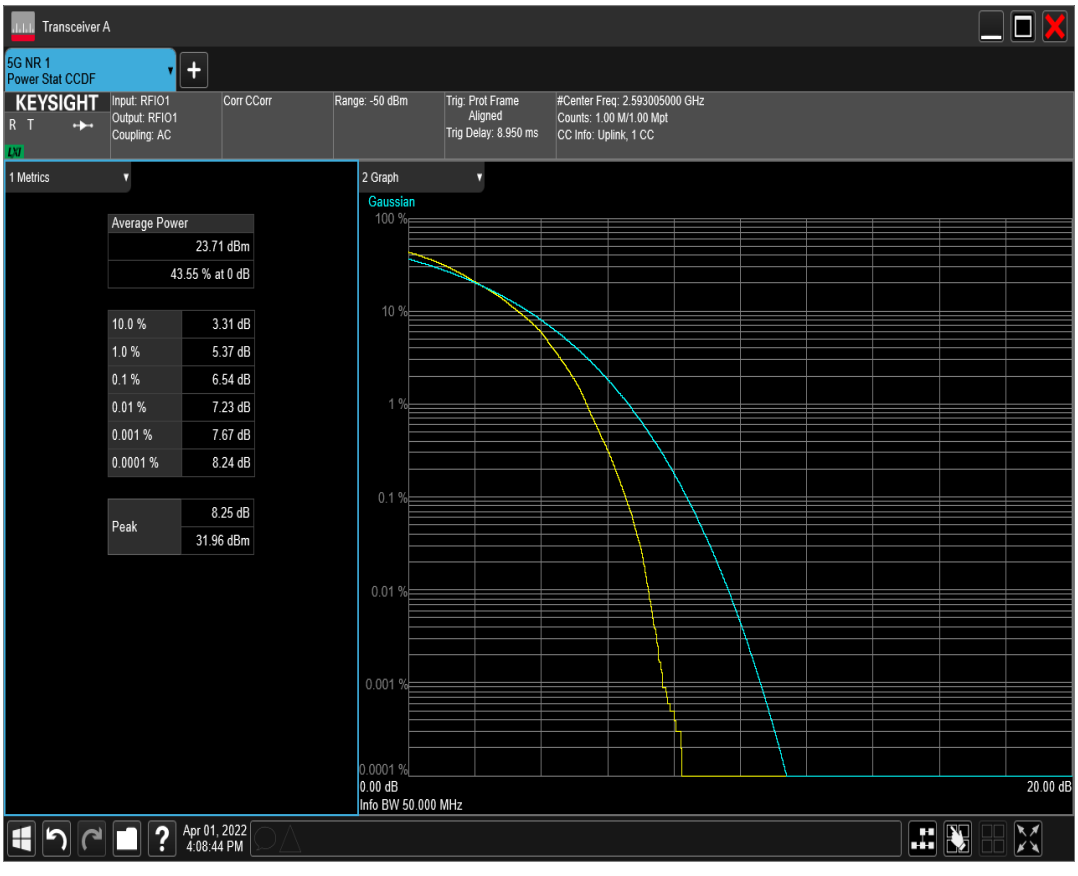
n41 SCS=15kHz DFT_QPSK BW=50MHz Channel=518601 RB=270@0



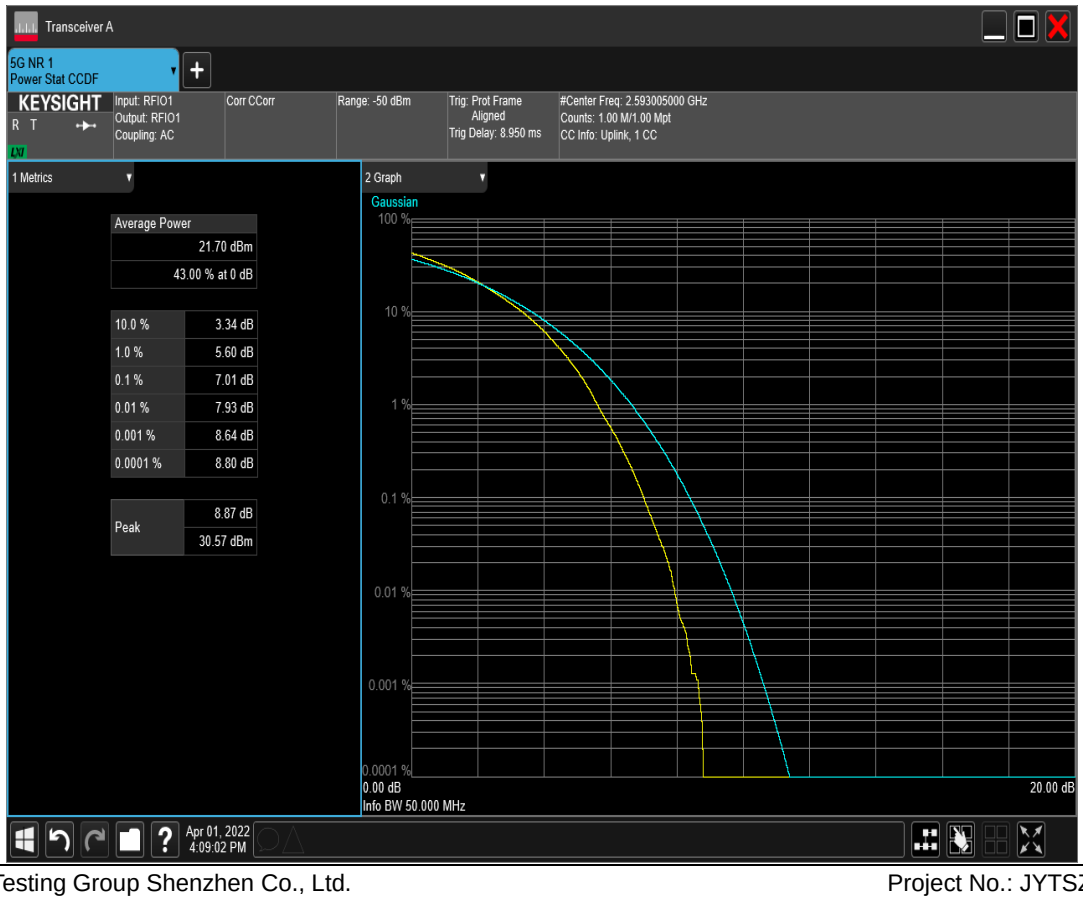
n41 SCS=15kHz DFT_QAM16 BW=50MHz Channel=518601 RB=270@0



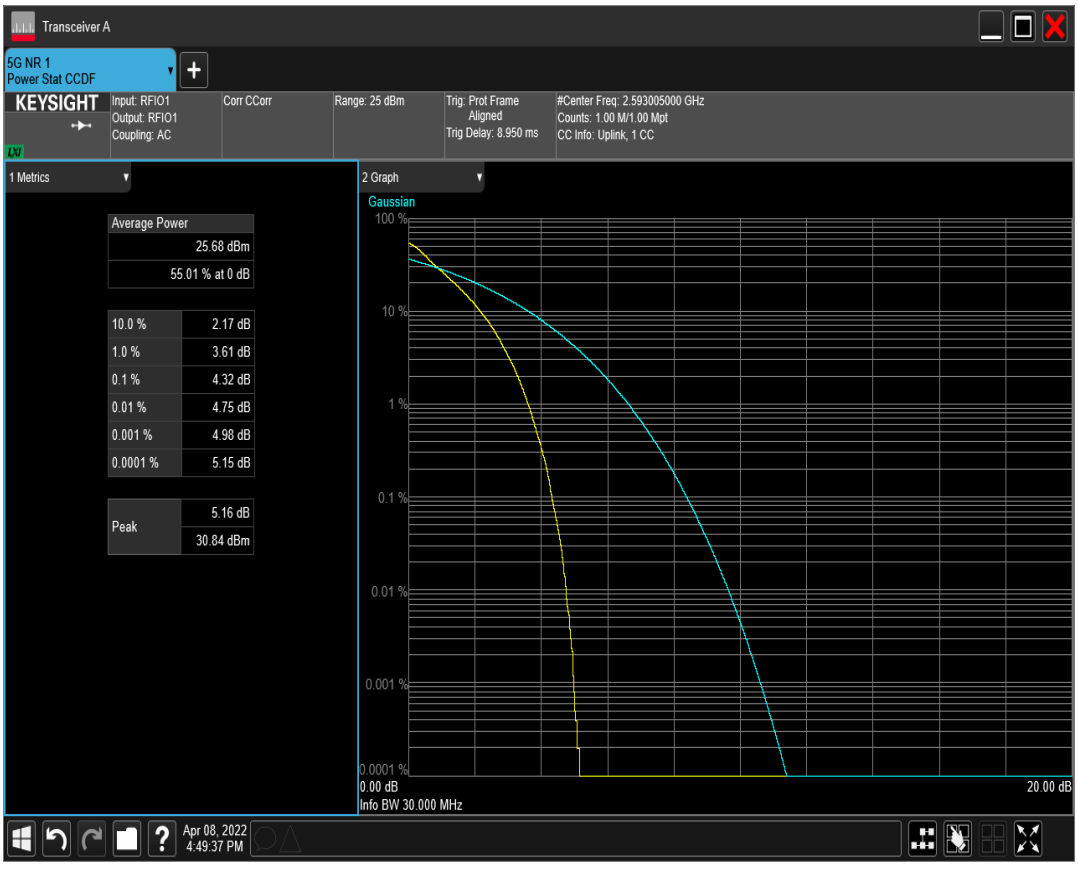
n41 SCS=15kHz DFT_QAM64 BW=50MHz Channel=518601 RB=270@0



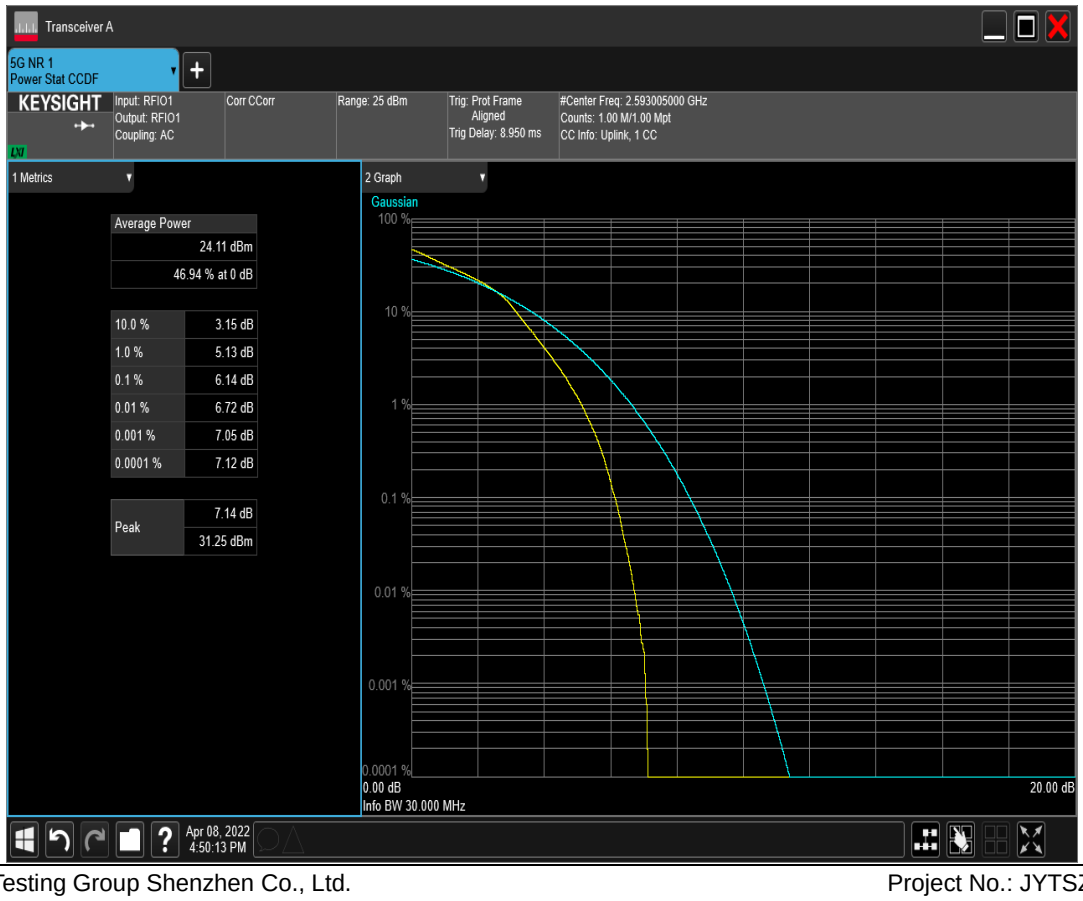
n41 SCS=15kHz DFT_QAM256 BW=50MHz Channel=518601 RB=270@0



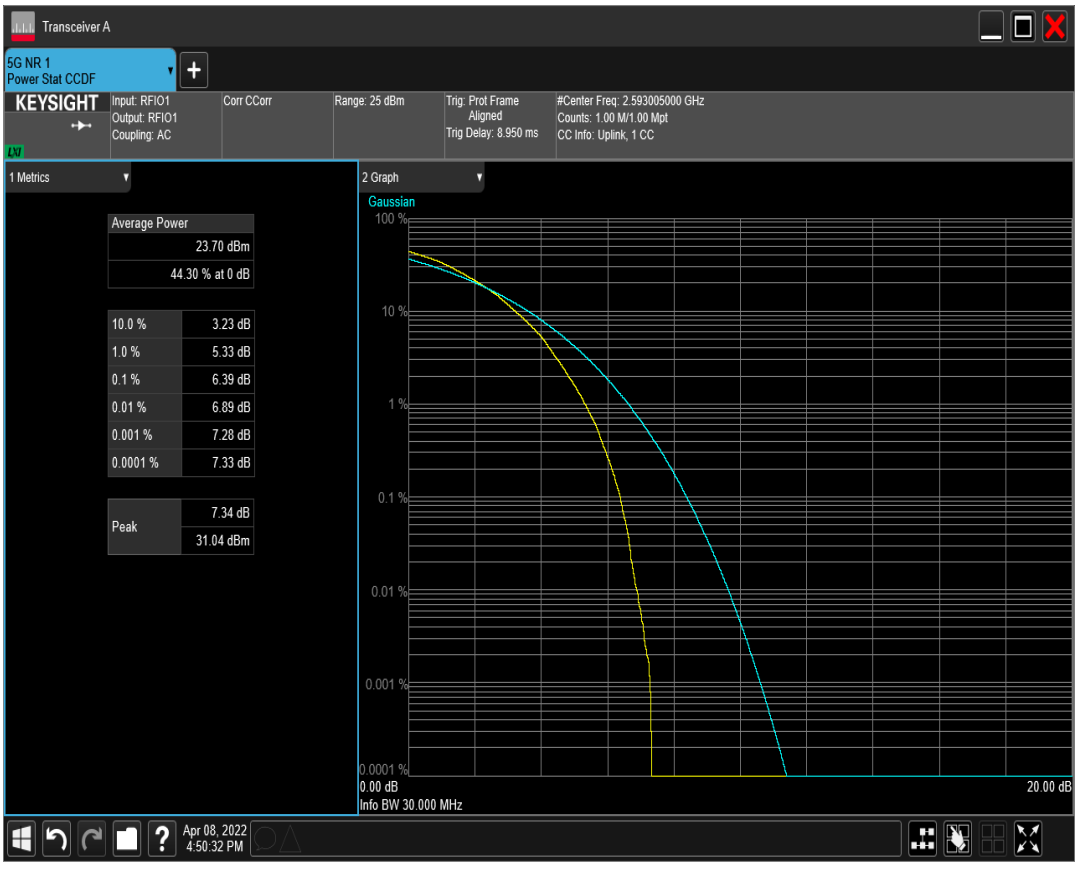
n41 SCS=15kHz DFT_BPSK BW=30MHz Channel=518601 RB=160@0



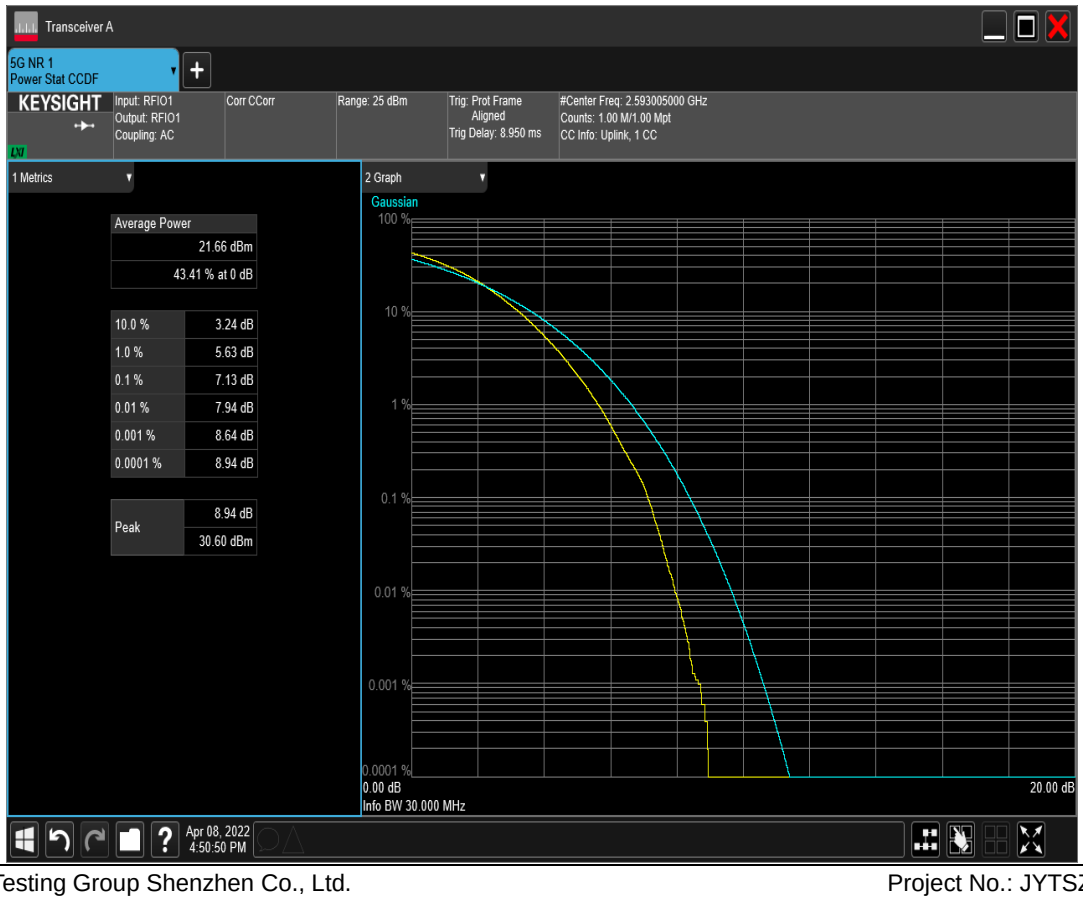
n41 SCS=15kHz DFT_QAM16 BW=30MHz Channel=518601 RB=160@0



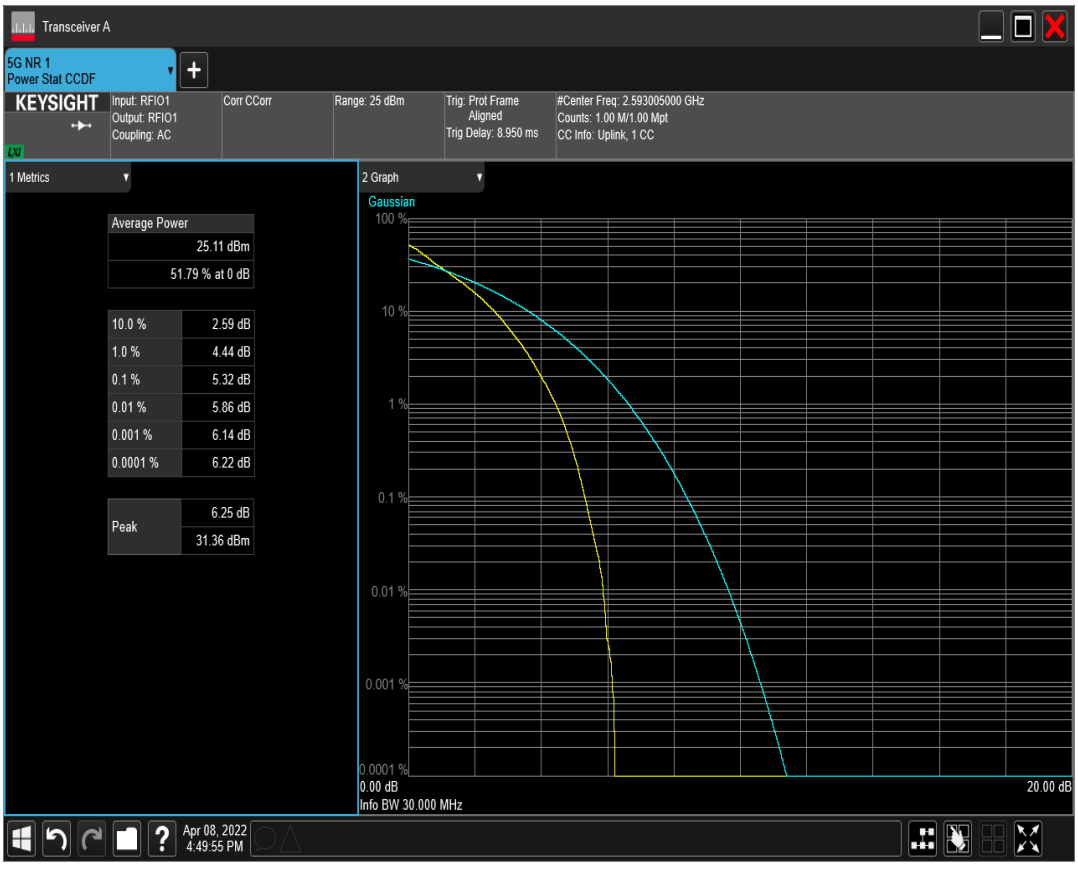
n41 SCS=15kHz DFT_QAM64 BW=30MHz Channel=518601 RB=160@0



n41 SCS=15kHz DFT_QAM256 BW=30MHz Channel=518601 RB=160@0



n41 SCS=15kHz DFT_QPSK BW=30MHz Channel=518601 RB=160@0



4 Occupied bandwidth for NR FR1

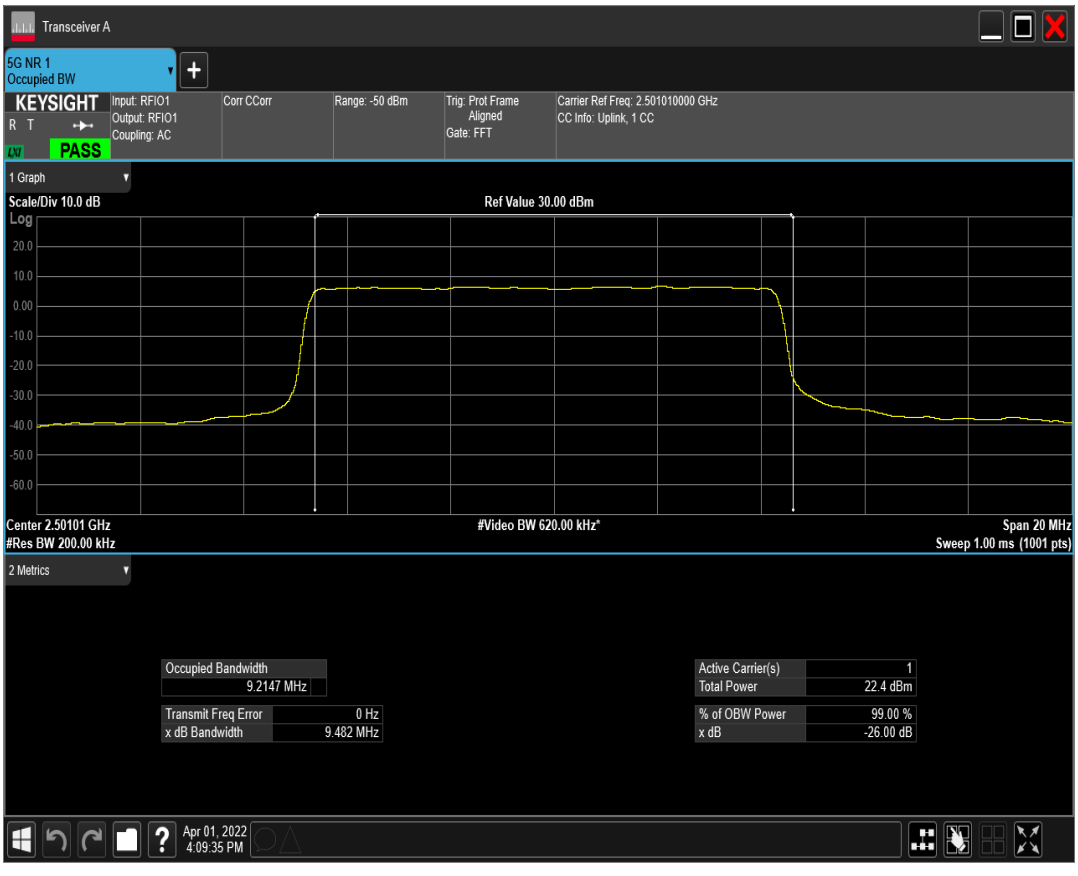
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41	15	10	500202	50@0	DFT_BPSK	9.210	9.480	PASS
n41	15	10	500202	50@0	DFT_QPSK	9.210	9.490	PASS
n41	15	10	500202	50@0	DFT_QAM16	9.200	9.490	PASS
n41	15	10	500202	50@0	DFT_QAM64	9.210	9.480	PASS
n41	15	10	500202	50@0	DFT_QAM256	9.210	9.480	PASS
n41	15	10	500202	52@0	CP_QPSK	9.330	9.840	PASS
n41	15	10	518601	50@0	DFT_BPSK	9.240	9.480	PASS
n41	15	10	518601	50@0	DFT_QPSK	9.220	9.490	PASS
n41	15	10	518601	50@0	DFT_QAM16	9.220	9.480	PASS
n41	15	10	518601	50@0	DFT_QAM64	9.210	9.460	PASS
n41	15	10	518601	50@0	DFT_QAM256	9.240	9.490	PASS
n41	15	10	518601	52@0	CP_QPSK	9.330	9.850	PASS
n41	15	10	537000	50@0	DFT_BPSK	9.220	9.490	PASS
n41	15	10	537000	50@0	DFT_QPSK	9.220	9.510	PASS
n41	15	10	537000	50@0	DFT_QAM16	9.210	9.490	PASS
n41	15	10	537000	50@0	DFT_QAM64	9.210	9.460	PASS
n41	15	10	537000	50@0	DFT_QAM256	9.220	9.480	PASS
n41	15	10	537000	52@0	CP_QPSK	9.340	10.000	PASS

n41	15	15	500700	75@0	DFT_BPSK	13.990	14.200	PASS
n41	15	15	500700	75@0	DFT_QPSK	13.990	14.210	PASS
n41	15	15	500700	75@0	DFT_QAM16	14.000	14.220	PASS
n41	15	15	500700	75@0	DFT_QAM64	13.990	14.210	PASS
n41	15	15	500700	75@0	DFT_QAM256	13.950	14.200	PASS
n41	15	15	500700	79@0	CP_QPSK	14.170	14.970	PASS
n41	15	15	518601	75@0	DFT_BPSK	13.990	14.200	PASS
n41	15	15	518601	75@0	DFT_QPSK	13.990	14.200	PASS
n41	15	15	518601	75@0	DFT_QAM16	14.040	14.210	PASS
n41	15	15	518601	75@0	DFT_QAM64	14.000	14.210	PASS
n41	15	15	518601	75@0	DFT_QAM256	13.990	14.200	PASS
n41	15	15	518601	79@0	CP_QPSK	14.170	14.930	PASS
n41	15	15	536499	75@0	DFT_BPSK	13.990	14.220	PASS
n41	15	15	536499	75@0	DFT_QPSK	14.000	14.240	PASS
n41	15	15	536499	75@0	DFT_QAM16	14.010	14.240	PASS
n41	15	15	536499	75@0	DFT_QAM64	14.010	14.230	PASS
n41	15	15	536499	75@0	DFT_QAM256	13.950	14.200	PASS
n41	15	15	536499	79@0	CP_QPSK	14.180	15.020	PASS
n41	15	20	501201	100@0	DFT_BPSK	18.750	18.920	PASS
n41	15	20	501201	100@0	DFT_QPSK	18.730	18.930	PASS
n41	15	20	501201	100@0	DFT_QAM16	18.750	18.920	PASS
n41	15	20	501201	100@0	DFT_QAM64	18.740	18.910	PASS
n41	15	20	501201	100@0	DFT_QAM256	18.740	18.910	PASS
n41	15	20	501201	106@0	CP_QPSK	18.990	20.030	PASS
n41	15	20	518601	100@0	DFT_BPSK	18.800	18.910	PASS
n41	15	20	518601	100@0	DFT_QPSK	18.750	18.920	PASS
n41	15	20	518601	100@0	DFT_QAM16	18.800	18.920	PASS
n41	15	20	518601	100@0	DFT_QAM64	18.810	18.910	PASS
n41	15	20	518601	100@0	DFT_QAM256	18.750	18.910	PASS
n41	15	20	518601	106@0	CP_QPSK	18.990	20.010	PASS
n41	15	20	535998	100@0	DFT_BPSK	18.750	18.940	PASS
n41	15	20	535998	100@0	DFT_QPSK	18.750	18.940	PASS
n41	15	20	535998	100@0	DFT_QAM16	18.760	18.920	PASS
n41	15	20	535998	100@0	DFT_QAM64	18.740	18.910	PASS
n41	15	20	535998	100@0	DFT_QAM256	18.740	18.920	PASS
n41	15	20	535998	106@0	CP_QPSK	19.000	20.080	PASS
n41	15	30	502200	160@0	DFT_BPSK	28.680	30.190	PASS
n41	15	30	502200	160@0	DFT_QPSK	28.690	30.210	PASS
n41	15	30	502200	160@0	DFT_QAM16	28.690	30.200	PASS
n41	15	30	502200	160@0	DFT_QAM64	28.680	30.190	PASS
n41	15	30	502200	160@0	DFT_QAM256	28.700	30.200	PASS
n41	15	30	502200	160@0	CP_QPSK	28.700	30.260	PASS
n41	15	30	518601	160@0	DFT_BPSK	28.690	30.200	PASS

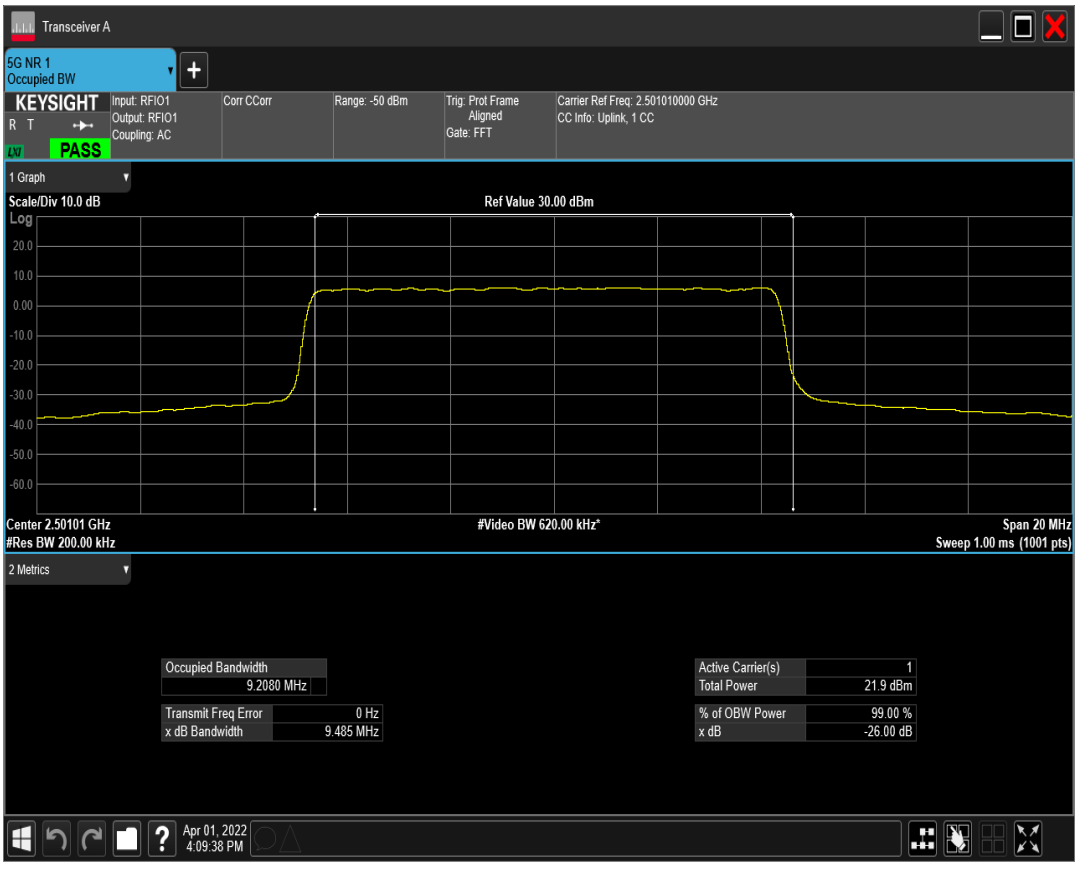
n41	15	30	518601	160@0	DFT_QPSK	28.710	30.220	PASS
n41	15	30	518601	160@0	DFT_QAM16	28.700	30.200	PASS
n41	15	30	518601	160@0	DFT_QAM64	28.690	30.200	PASS
n41	15	30	518601	160@0	DFT_QAM256	28.710	30.200	PASS
n41	15	30	518601	160@0	CP_QPSK	28.710	30.250	PASS
n41	15	30	534999	160@0	DFT_BPSK	28.680	30.190	PASS
n41	15	30	534999	160@0	DFT_QPSK	28.690	30.220	PASS
n41	15	30	534999	160@0	DFT_QAM16	28.690	30.210	PASS
n41	15	30	534999	160@0	DFT_QAM64	28.690	30.200	PASS
n41	15	30	534999	160@0	DFT_QAM256	28.680	30.200	PASS
n41	15	30	534999	160@0	CP_QPSK	28.710	30.300	PASS
n41	15	40	503202	216@0	DFT_BPSK	38.740	40.760	PASS
n41	15	40	503202	216@0	DFT_QPSK	38.630	40.740	PASS
n41	15	40	503202	216@0	DFT_QAM16	38.740	40.730	PASS
n41	15	40	503202	216@0	DFT_QAM64	38.720	40.730	PASS
n41	15	40	503202	216@0	DFT_QAM256	38.630	40.720	PASS
n41	15	40	503202	216@0	CP_QPSK	38.740	40.790	PASS
n41	15	40	518598	216@0	DFT_BPSK	38.750	40.770	PASS
n41	15	40	518598	216@0	DFT_QPSK	38.730	40.740	PASS
n41	15	40	518598	216@0	DFT_QAM16	38.730	40.740	PASS
n41	15	40	518598	216@0	DFT_QAM64	38.740	40.730	PASS
n41	15	40	518598	216@0	DFT_QAM256	38.730	40.720	PASS
n41	15	40	518598	216@0	CP_QPSK	38.750	40.770	PASS
n41	15	40	534000	216@0	DFT_BPSK	38.640	40.740	PASS
n41	15	40	534000	216@0	DFT_QPSK	38.740	40.770	PASS
n41	15	40	534000	216@0	DFT_QAM16	38.740	40.740	PASS
n41	15	40	534000	216@0	DFT_QAM64	38.730	40.740	PASS
n41	15	40	534000	216@0	DFT_QAM256	38.640	40.710	PASS
n41	15	40	534000	216@0	CP_QPSK	38.750	40.810	PASS
n41	15	50	504201	270@0	DFT_BPSK	48.400	50.860	PASS
n41	15	50	504201	270@0	DFT_QPSK	48.430	50.920	PASS
n41	15	50	504201	270@0	DFT_QAM16	48.410	50.890	PASS
n41	15	50	504201	270@0	DFT_QAM64	48.300	50.870	PASS
n41	15	50	504201	270@0	DFT_QAM256	48.420	50.890	PASS
n41	15	50	504201	270@0	CP_QPSK	48.410	50.940	PASS
n41	15	50	518601	270@0	DFT_BPSK	48.300	50.840	PASS
n41	15	50	518601	270@0	DFT_QPSK	48.420	50.890	PASS
n41	15	50	518601	270@0	DFT_QAM16	48.430	50.890	PASS
n41	15	50	518601	270@0	DFT_QAM64	48.420	50.860	PASS
n41	15	50	518601	270@0	DFT_QAM256	48.420	50.880	PASS
n41	15	50	518601	270@0	CP_QPSK	48.420	50.930	PASS
n41	15	50	532998	270@0	DFT_BPSK	48.410	50.890	PASS
n41	15	50	532998	270@0	DFT_QPSK	48.420	50.930	PASS

n41	15	50	532998	270@0	DFT_QAM16	48.420	50.900	PASS
n41	15	50	532998	270@0	DFT_QAM64	48.420	50.870	PASS
n41	15	50	532998	270@0	DFT_QAM256	48.430	50.880	PASS
n41	15	50	532998	270@0	CP_QPSK	48.420	50.960	PASS

n41 SCS=15kHz DFT_BPSK BW=10MHz Channel=500202 RB=50@0

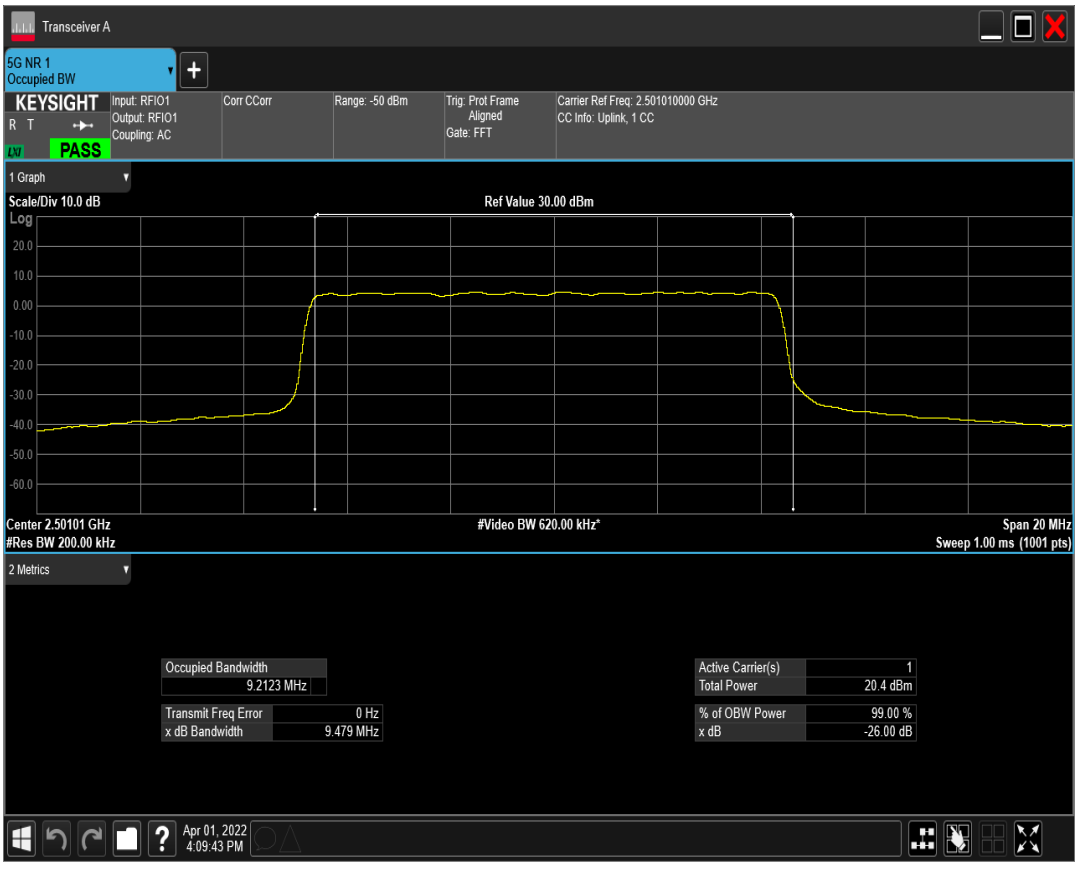


n41 SCS=15kHz DFT_QPSK BW=10MHz Channel=500202 RB=50@0

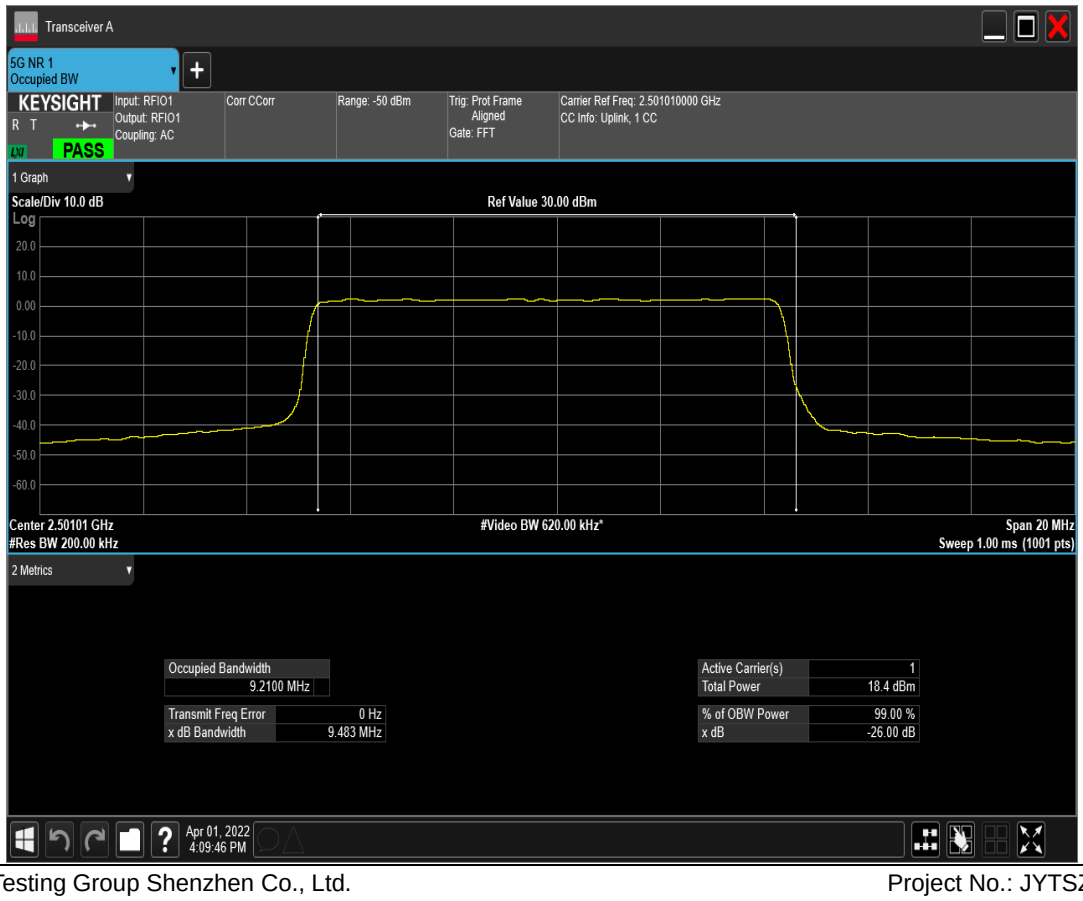


n41 SCS=15kHz DFT_QAM16 BW=10MHz Channel=500202 RB=50@0

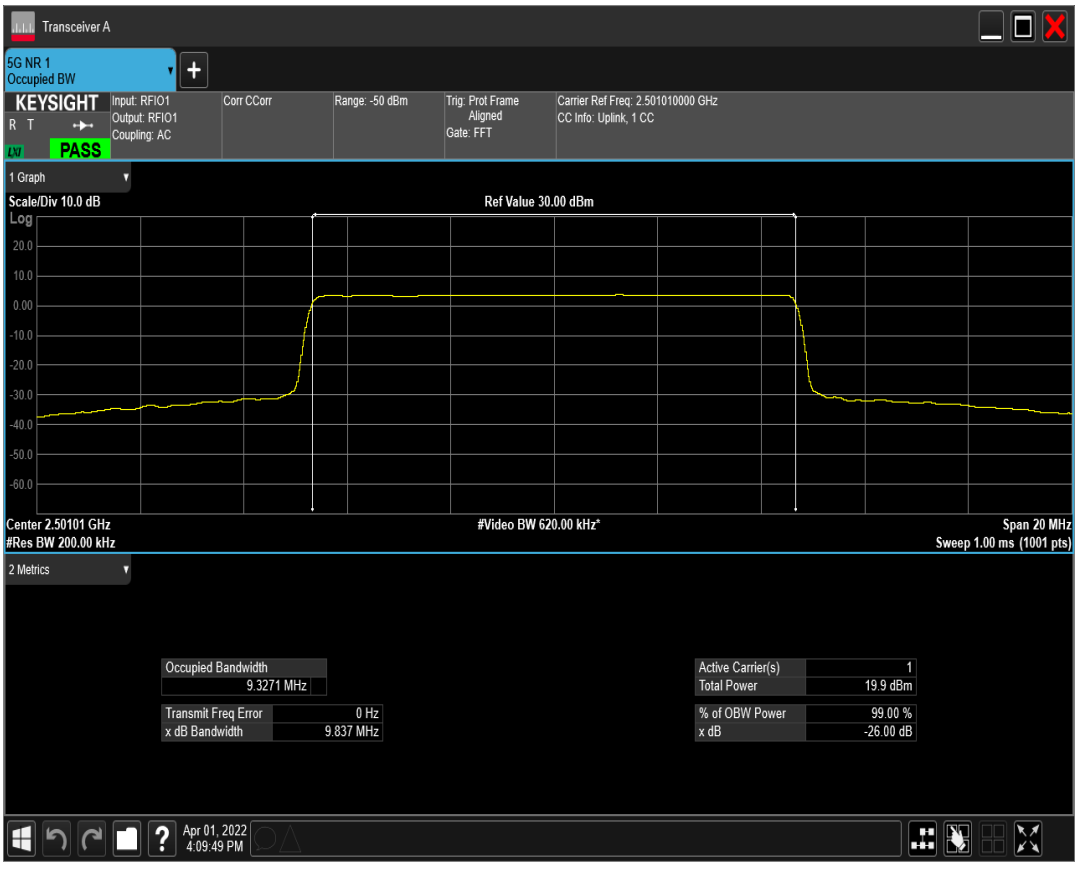
n41 SCS=15kHz DFT_QAM64 BW=10MHz Channel=500202 RB=50@0



n41 SCS=15kHz DFT_QAM256 BW=10MHz Channel=500202 RB=50@0

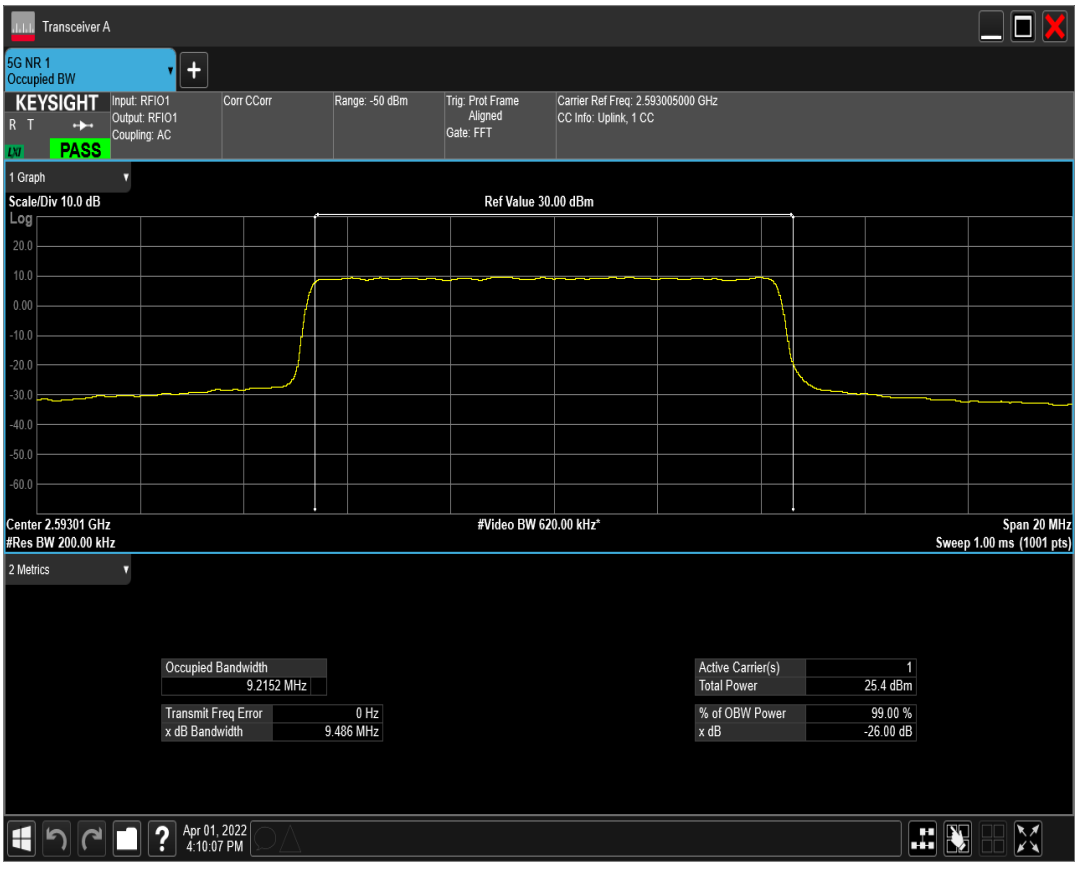


n41 SCS=15kHz CP_QPSK BW=10MHz Channel=500202 RB=52@0



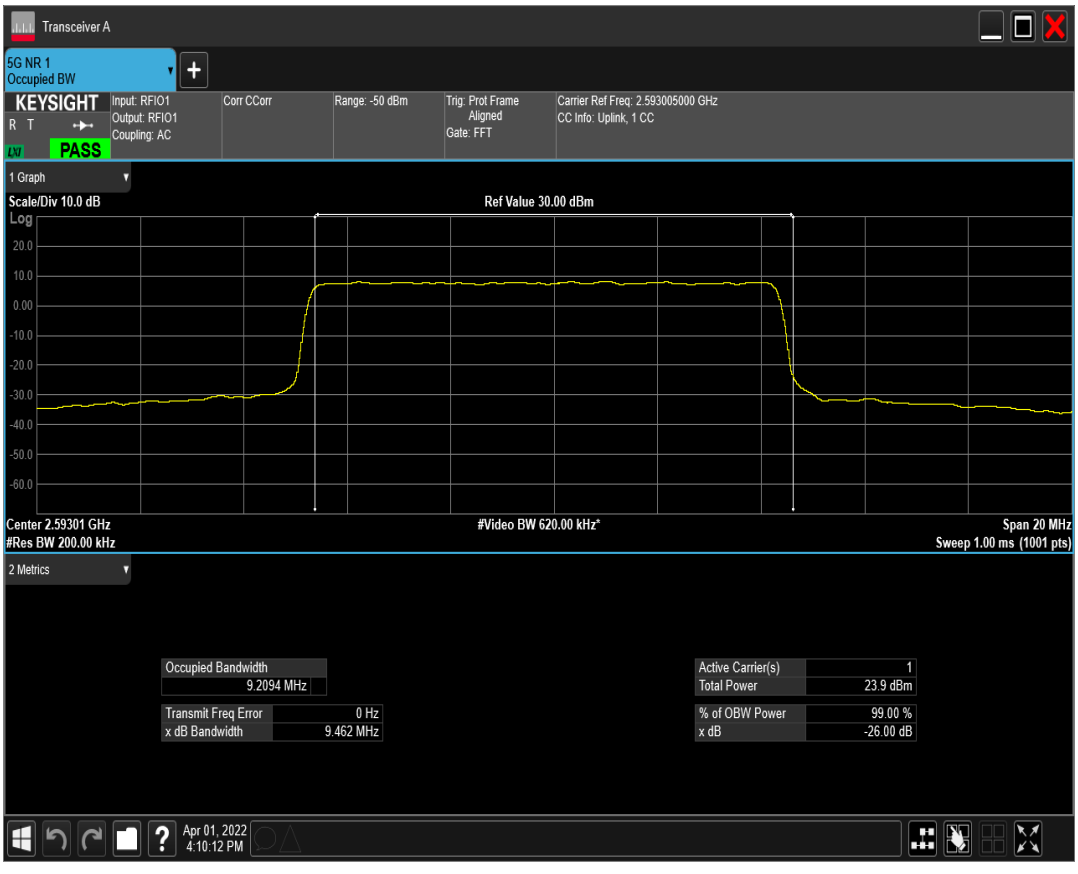
n41 SCS=15kHz DFT_BPSK BW=10MHz Channel=518601 RB=50@0

n41 SCS=15kHz DFT_QPSK BW=10MHz Channel=518601 RB=50@0



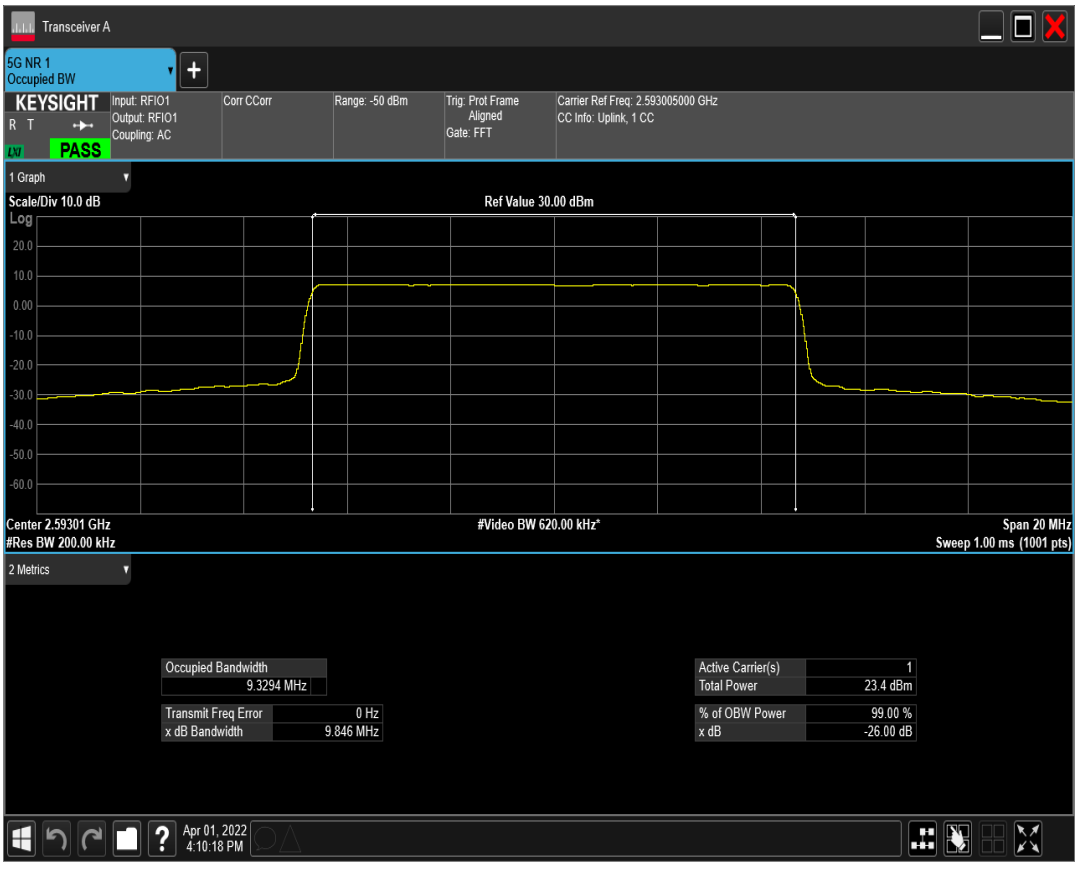
n41 SCS=15kHz DFT_QAM16 BW=10MHz Channel=518601 RB=50@0

n41 SCS=15kHz DFT_QAM64 BW=10MHz Channel=518601 RB=50@0



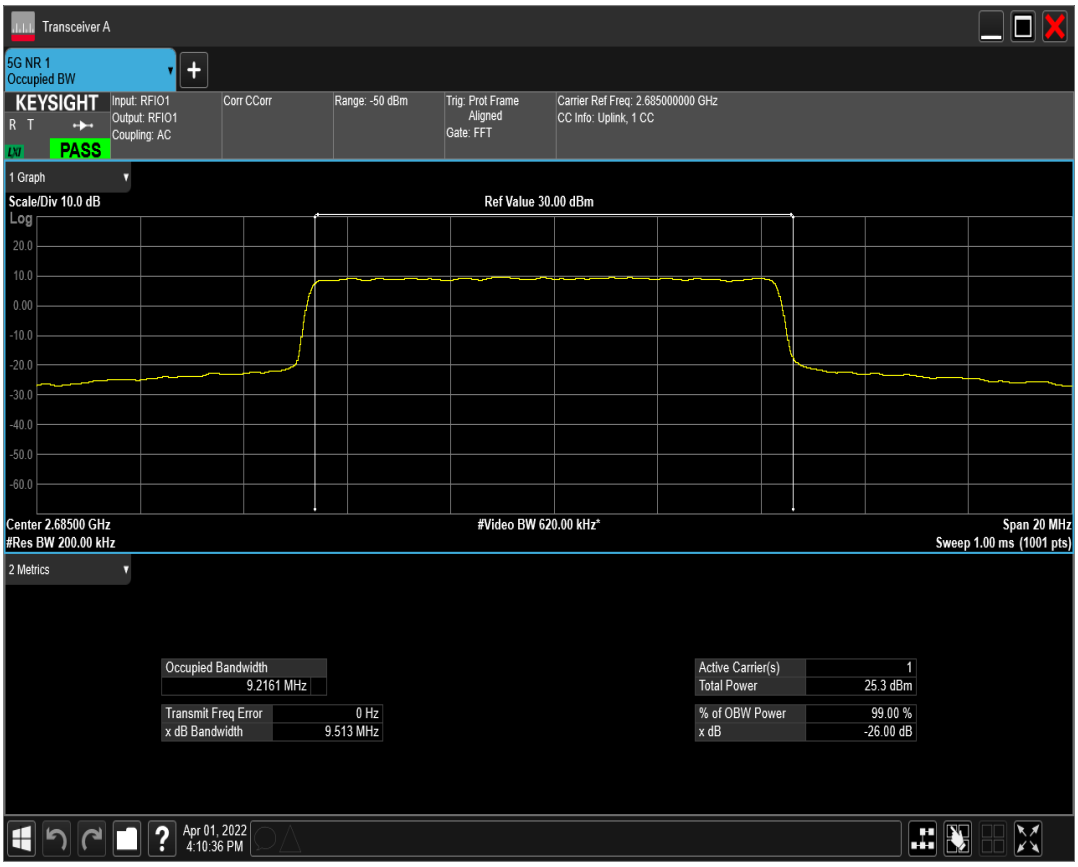
n41 SCS=15kHz DFT_QAM256 BW=10MHz Channel=518601 RB=50@0

n41 SCS=15kHz CP_QPSK BW=10MHz Channel=518601 RB=52@0



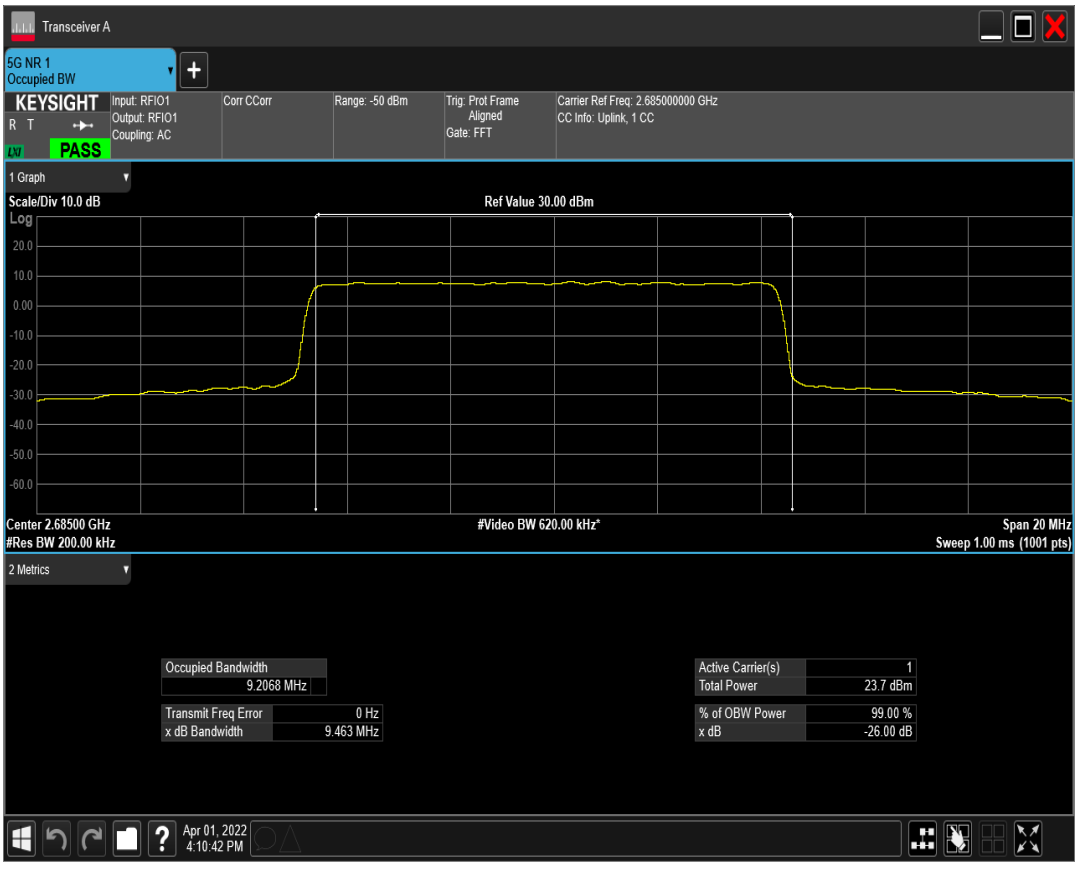
n41 SCS=15kHz DFT_BPSK BW=10MHz Channel=537000 RB=50@0

n41 SCS=15kHz DFT_QPSK BW=10MHz Channel=537000 RB=50@0



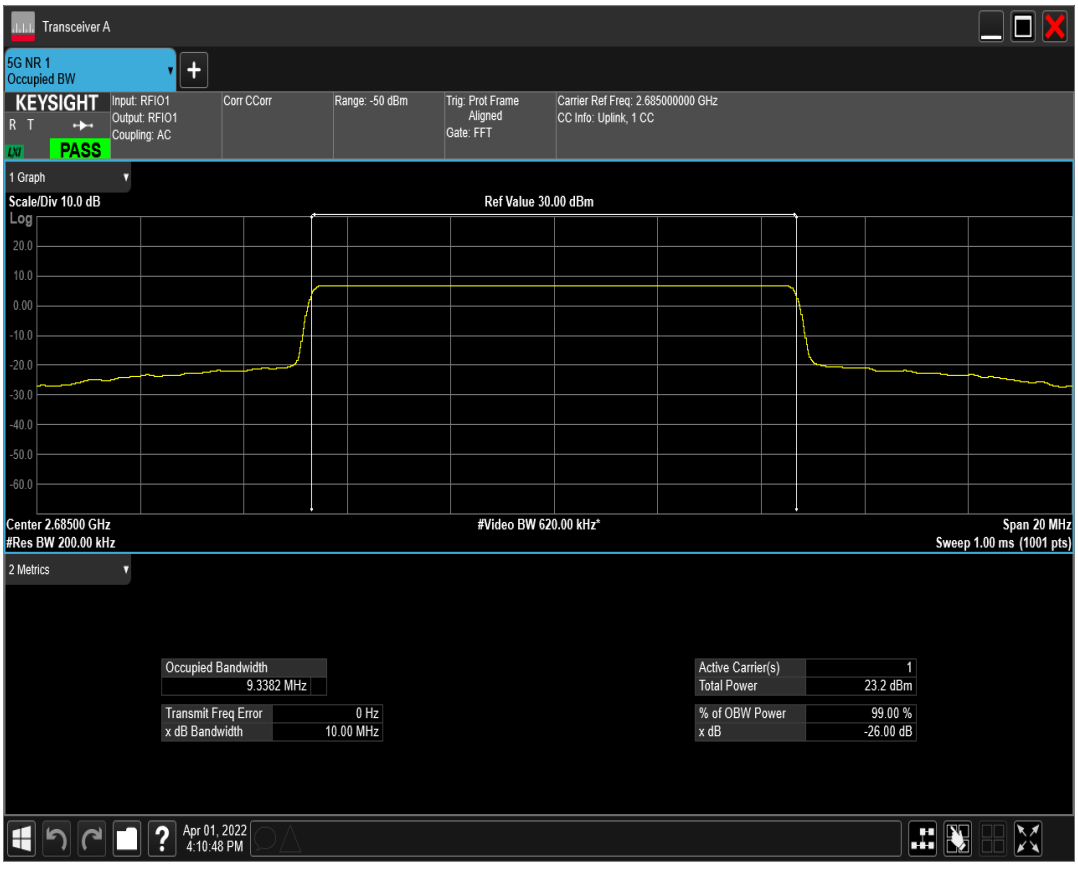
n41 SCS=15kHz DFT_QAM16 BW=10MHz Channel=537000 RB=50@0

n41 SCS=15kHz DFT_QAM64 BW=10MHz Channel=537000 RB=50@0

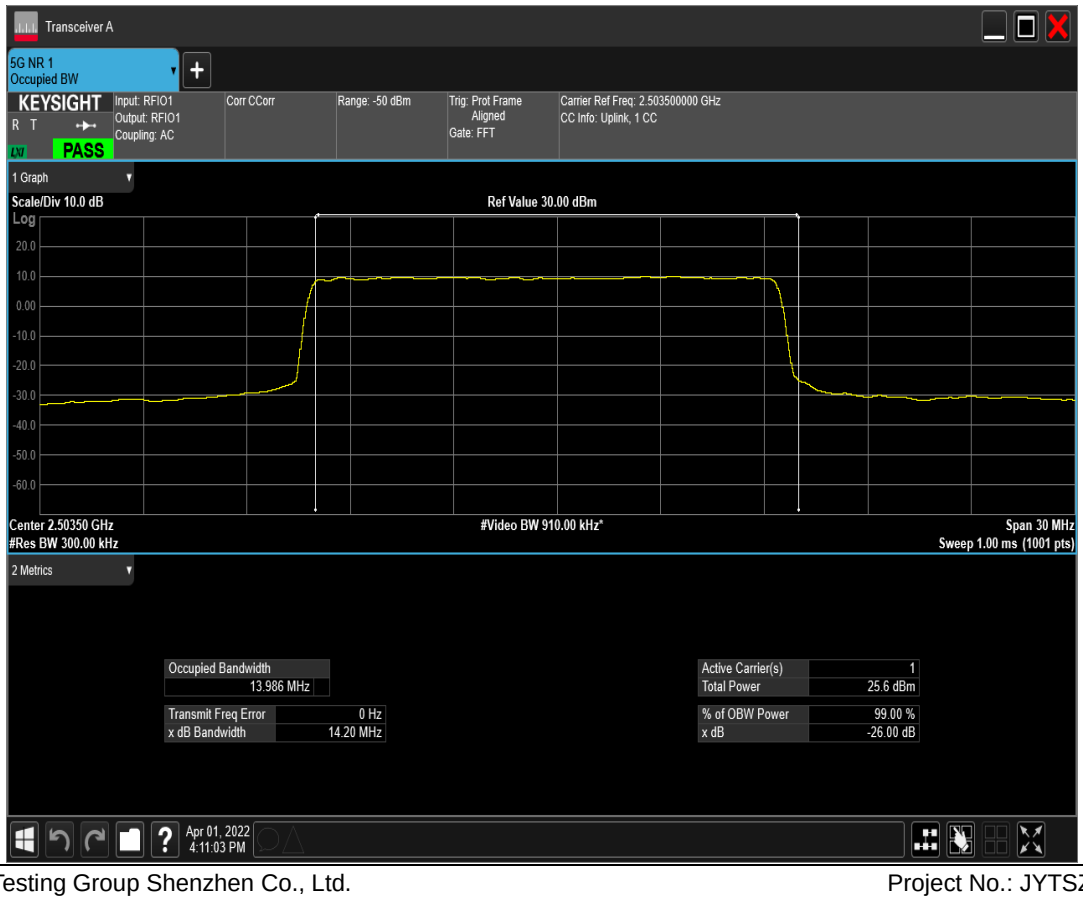


n41 SCS=15kHz DFT_QAM256 BW=10MHz Channel=537000 RB=50@0

n41 SCS=15kHz CP_QPSK BW=10MHz Channel=537000 RB=52@0



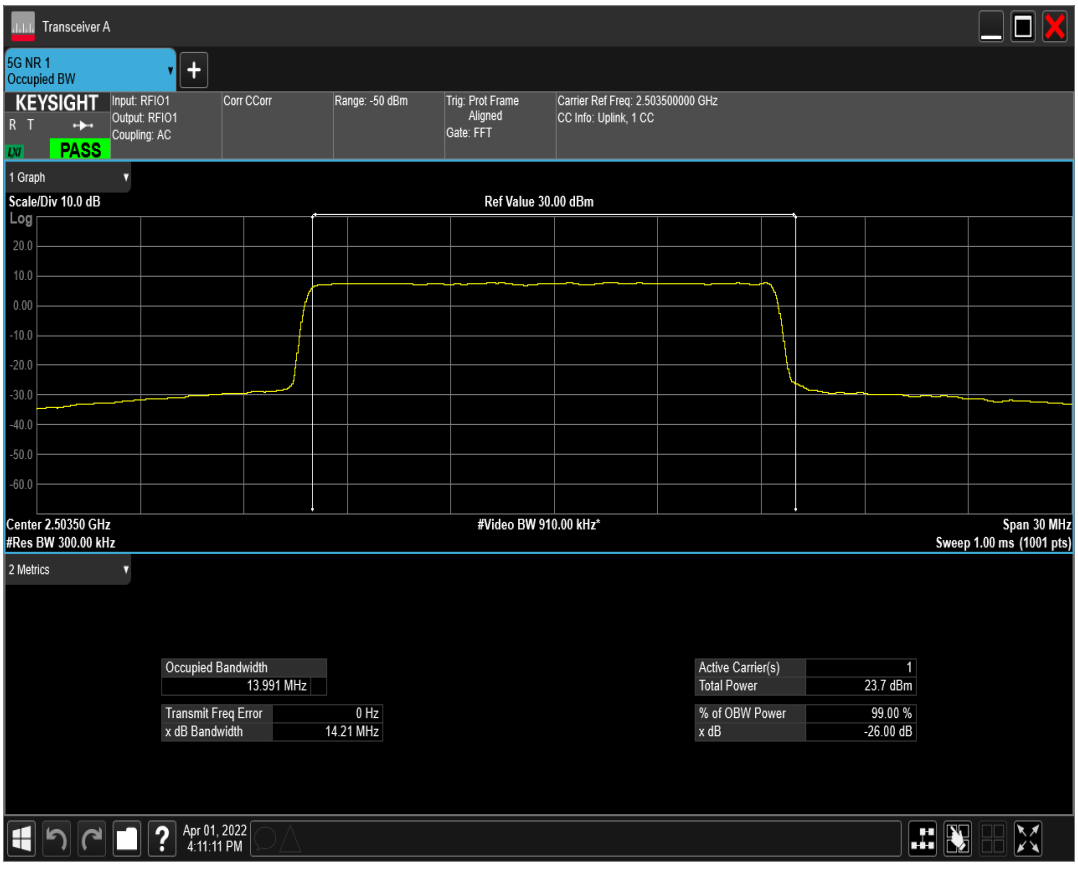
n41 SCS=15kHz DFT_BPSK BW=15MHz Channel=500700 RB=75@0



n41 SCS=15kHz DFT_QPSK BW=15MHz Channel=500700 RB=75@0

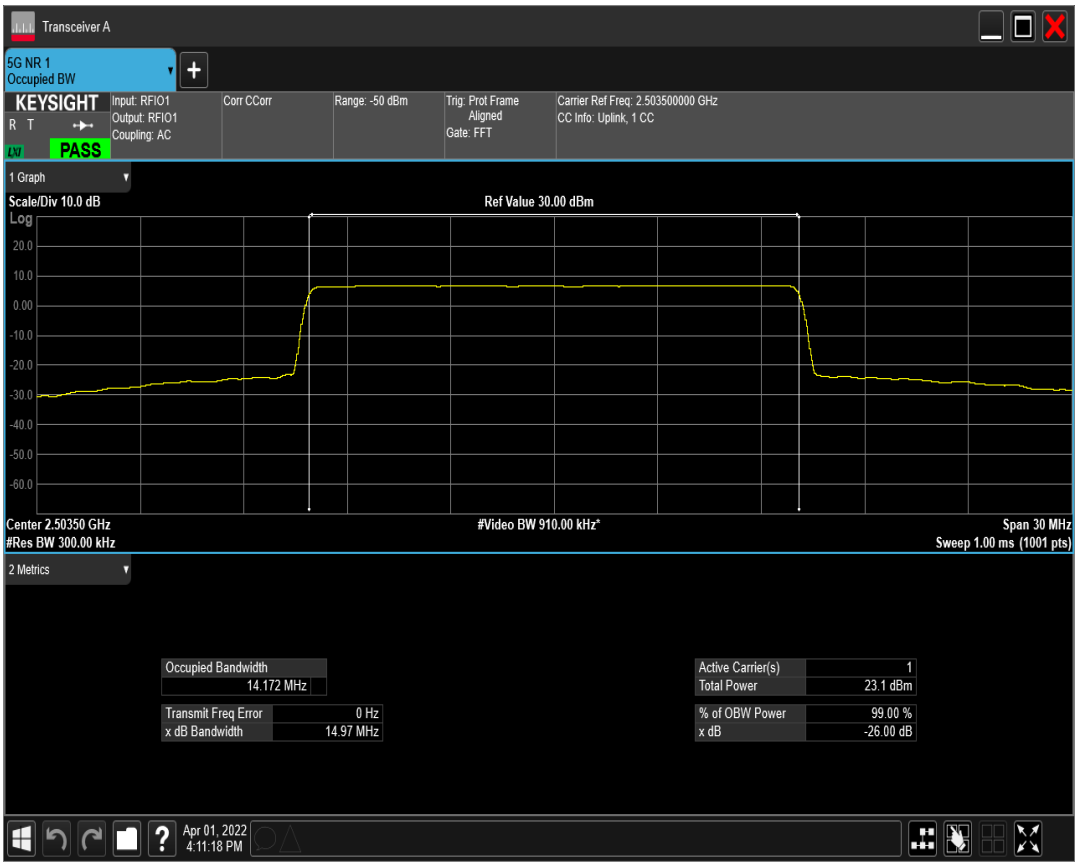
n41 SCS=15kHz DFT_QAM16 BW=15MHz Channel=500700 RB=75@0

n41 SCS=15kHz DFT_QAM64 BW=15MHz Channel=500700 RB=75@0

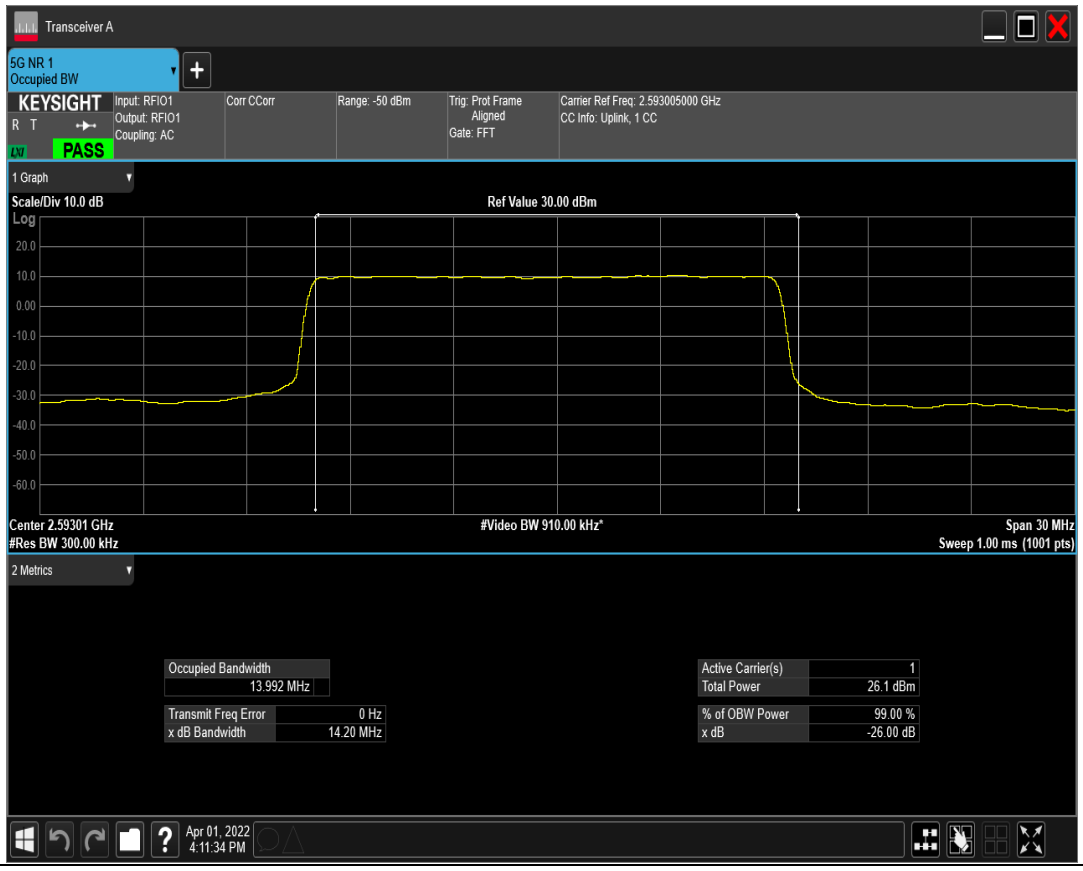


n41 SCS=15kHz DFT_QAM256 BW=15MHz Channel=500700 RB=75@0

n41 SCS=15kHz CP_QPSK BW=15MHz Channel=500700 RB=79@0



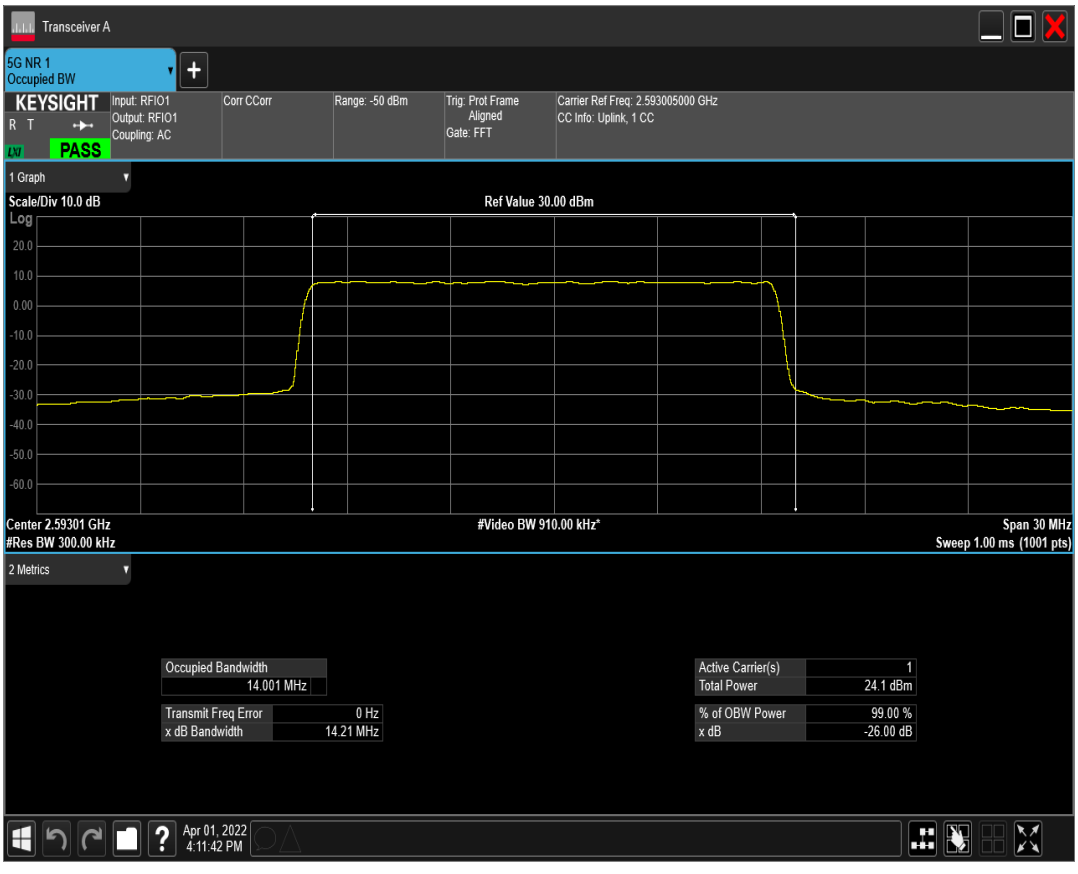
n41 SCS=15kHz DFT_BPSK BW=15MHz Channel=518601 RB=75@0



n41 SCS=15kHz DFT_QPSK BW=15MHz Channel=518601 RB=75@0

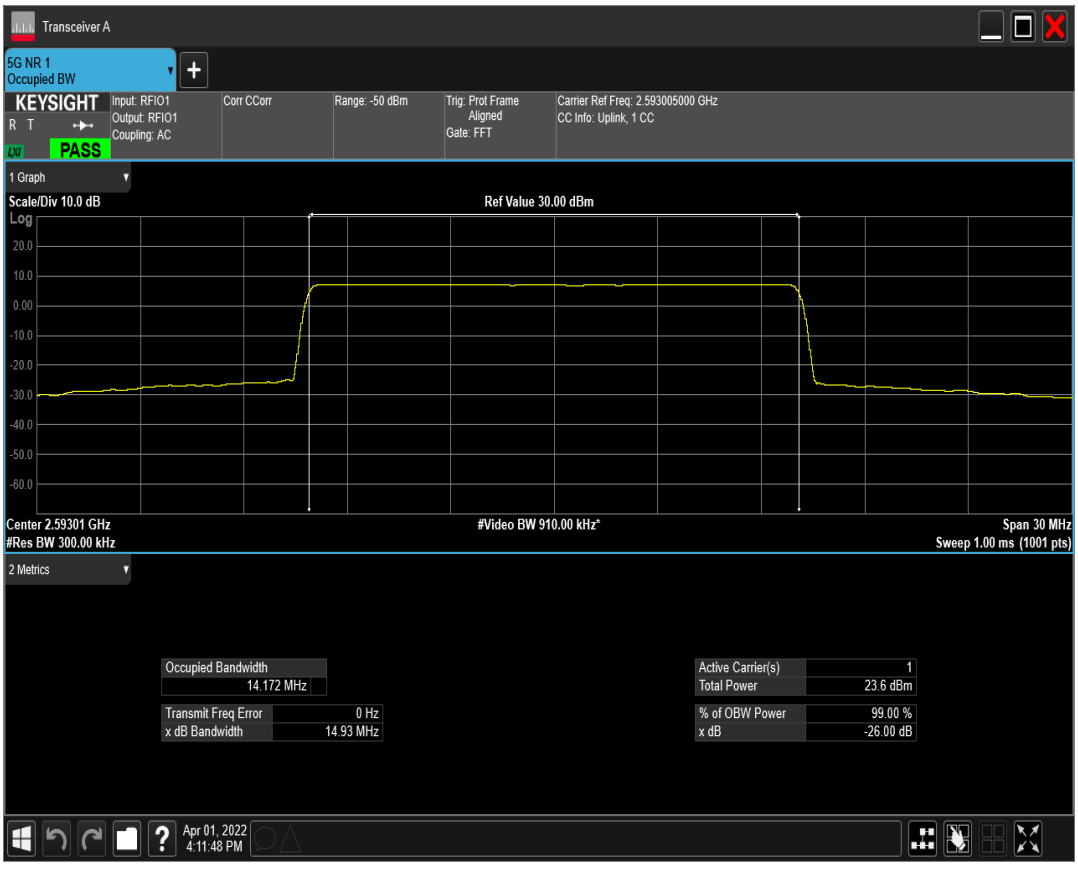
n41 SCS=15kHz DFT_QAM16 BW=15MHz Channel=518601 RB=75@0

n41 SCS=15kHz DFT_QAM64 BW=15MHz Channel=518601 RB=75@0



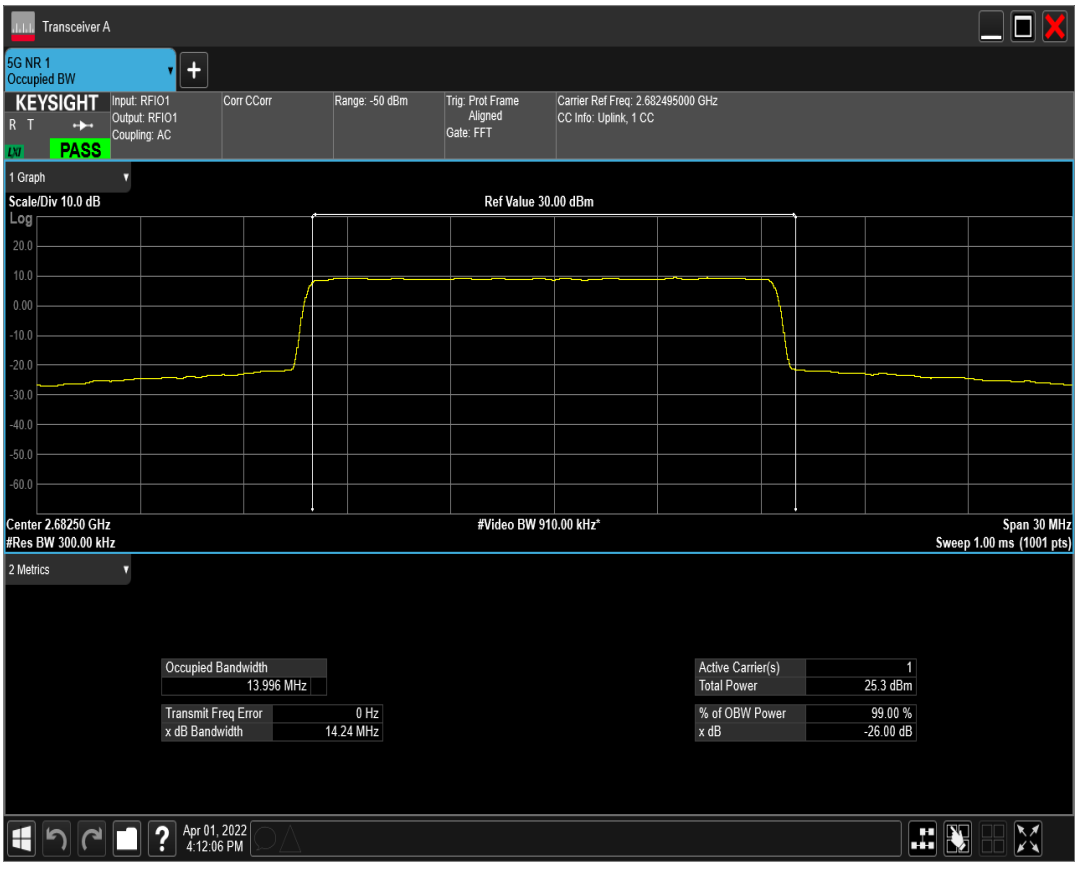
n41 SCS=15kHz DFT_QAM256 BW=15MHz Channel=518601 RB=75@0

n41 SCS=15kHz CP_QPSK BW=15MHz Channel=518601 RB=79@0



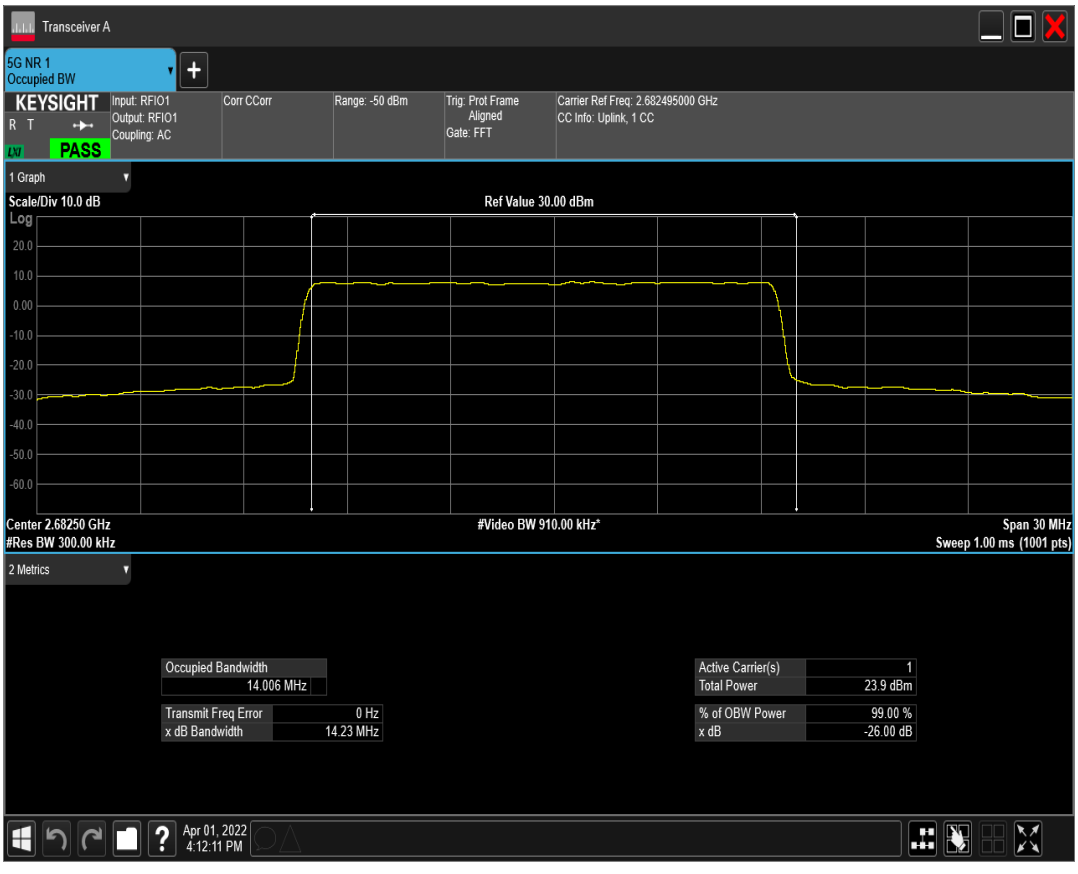
n41 SCS=15kHz DFT_BPSK BW=15MHz Channel=536499 RB=75@0

n41 SCS=15kHz DFT_QPSK BW=15MHz Channel=536499 RB=75@0



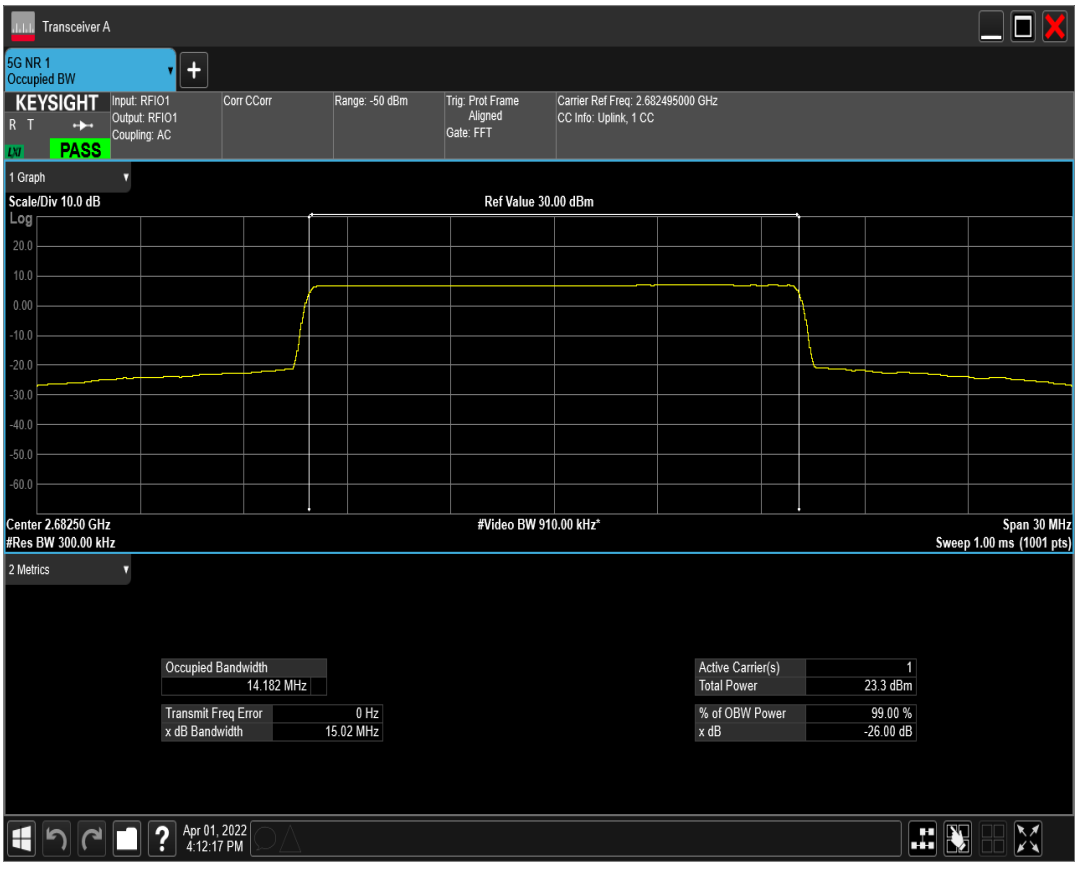
n41 SCS=15kHz DFT_QAM16 BW=15MHz Channel=536499 RB=75@0

n41 SCS=15kHz DFT_QAM64 BW=15MHz Channel=536499 RB=75@0



n41 SCS=15kHz DFT_QAM256 BW=15MHz Channel=536499 RB=75@0

n41 SCS=15kHz CP_QPSK BW=15MHz Channel=536499 RB=79@0

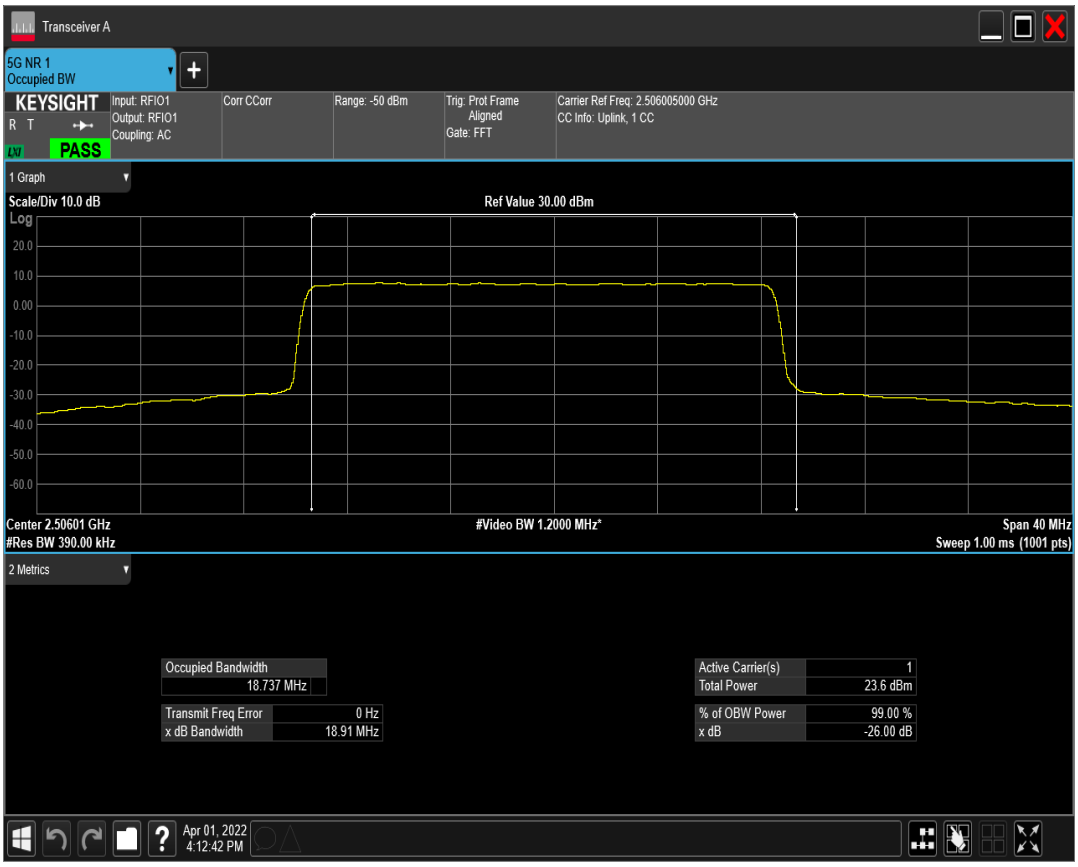


n41 SCS=15kHz DFT_BPSK BW=20MHz Channel=501201 RB=100@0

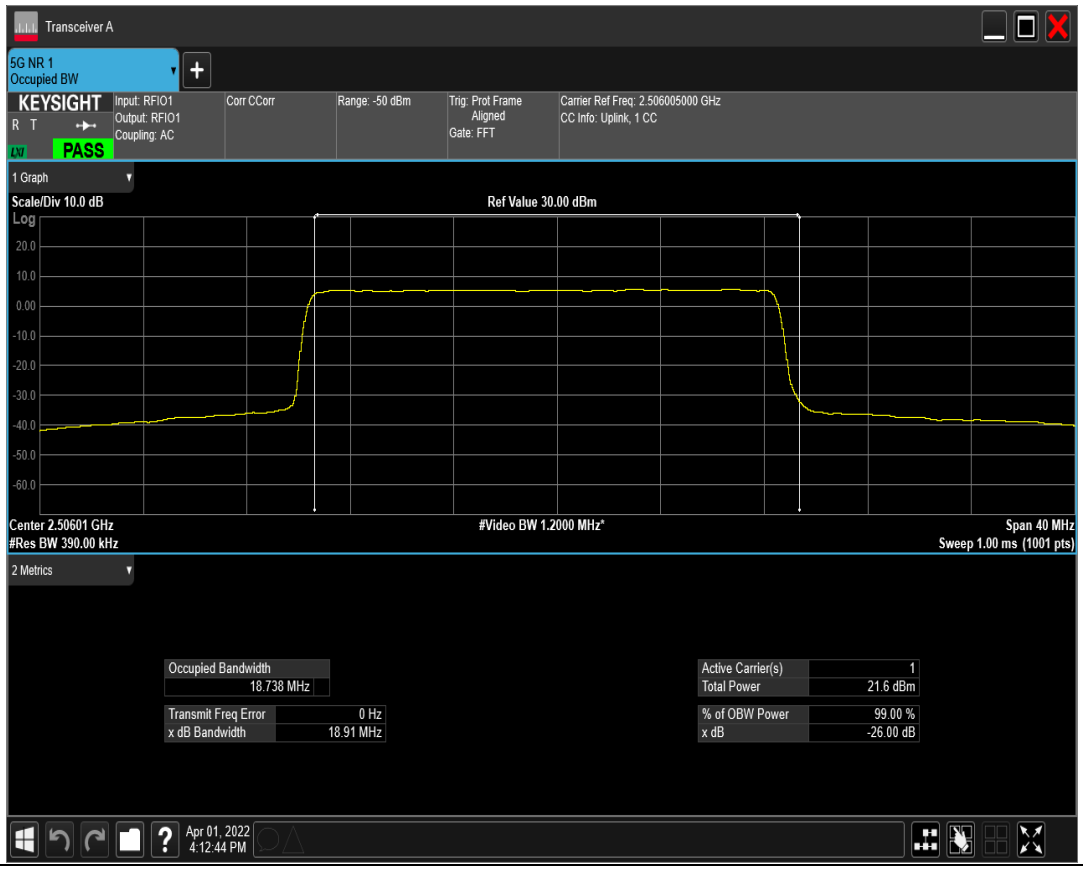
n41 SCS=15kHz DFT_QPSK BW=20MHz Channel=501201 RB=100@0

n41 SCS=15kHz DFT_QAM16 BW=20MHz Channel=501201 RB=100@0

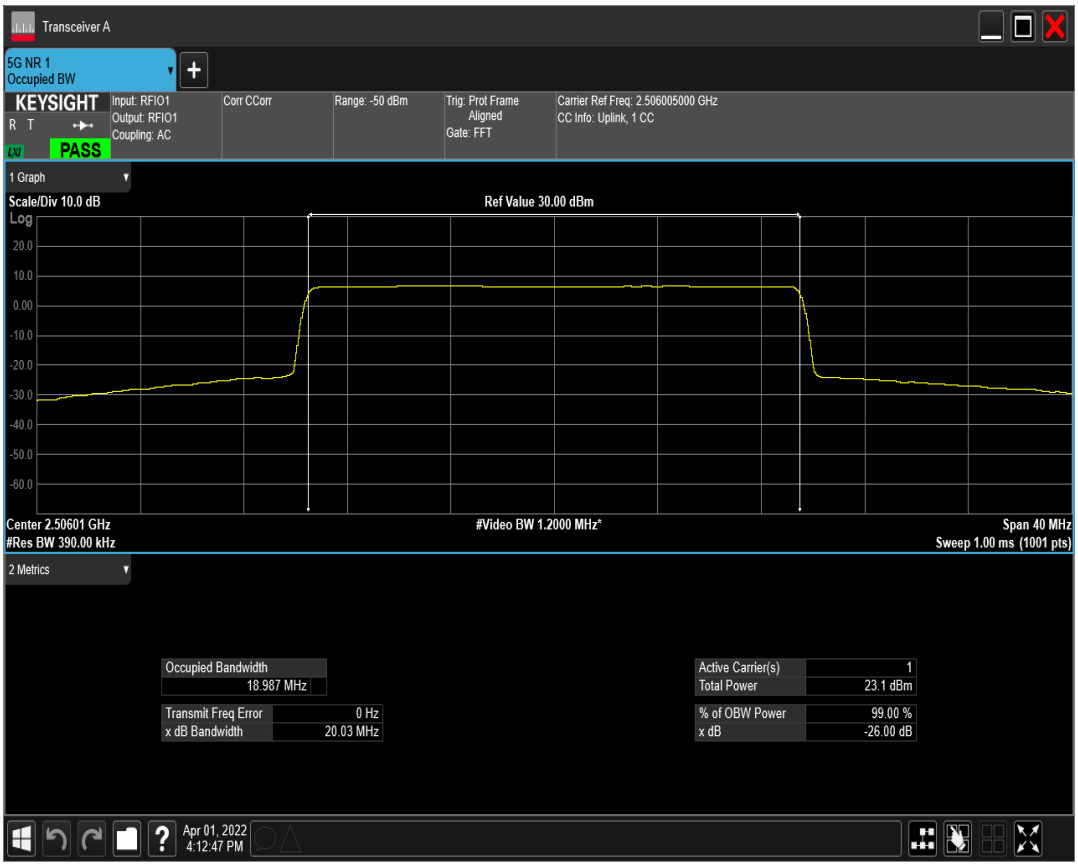
n41 SCS=15kHz DFT_QAM64 BW=20MHz Channel=501201 RB=100@0



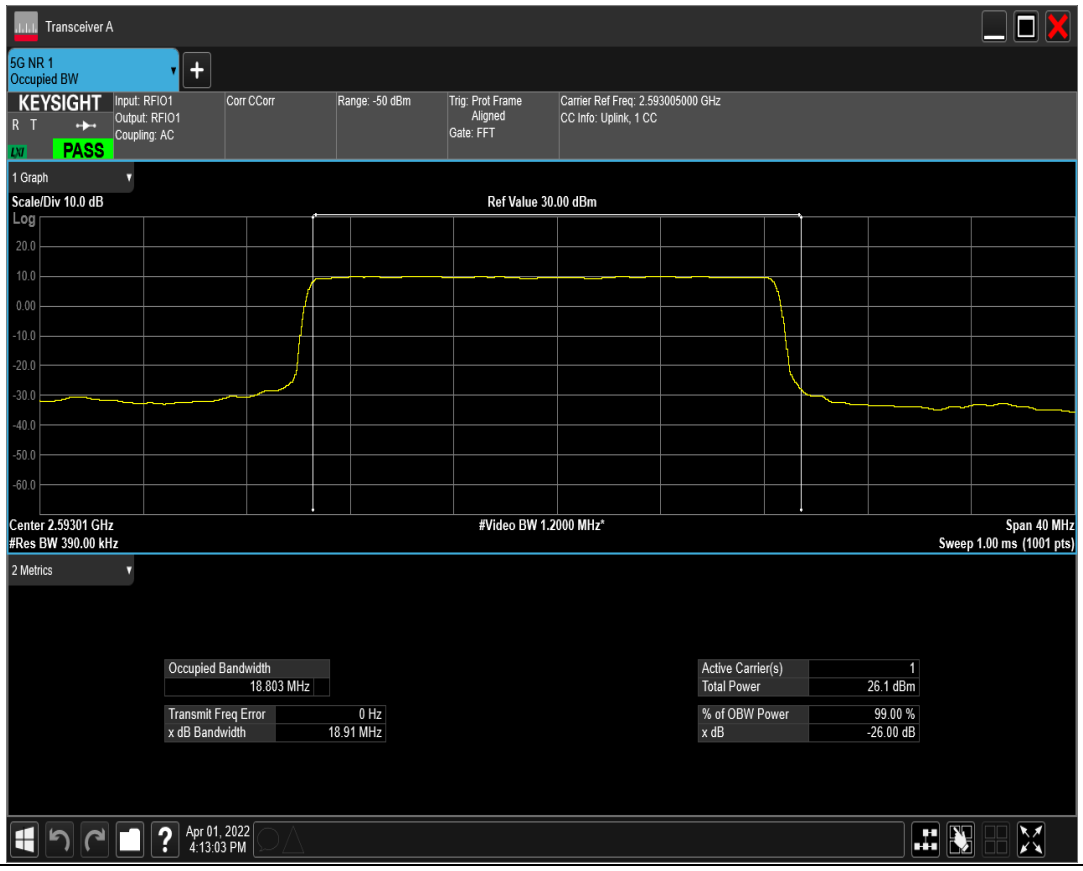
n41 SCS=15kHz DFT_QAM256 BW=20MHz Channel=501201 RB=100@0



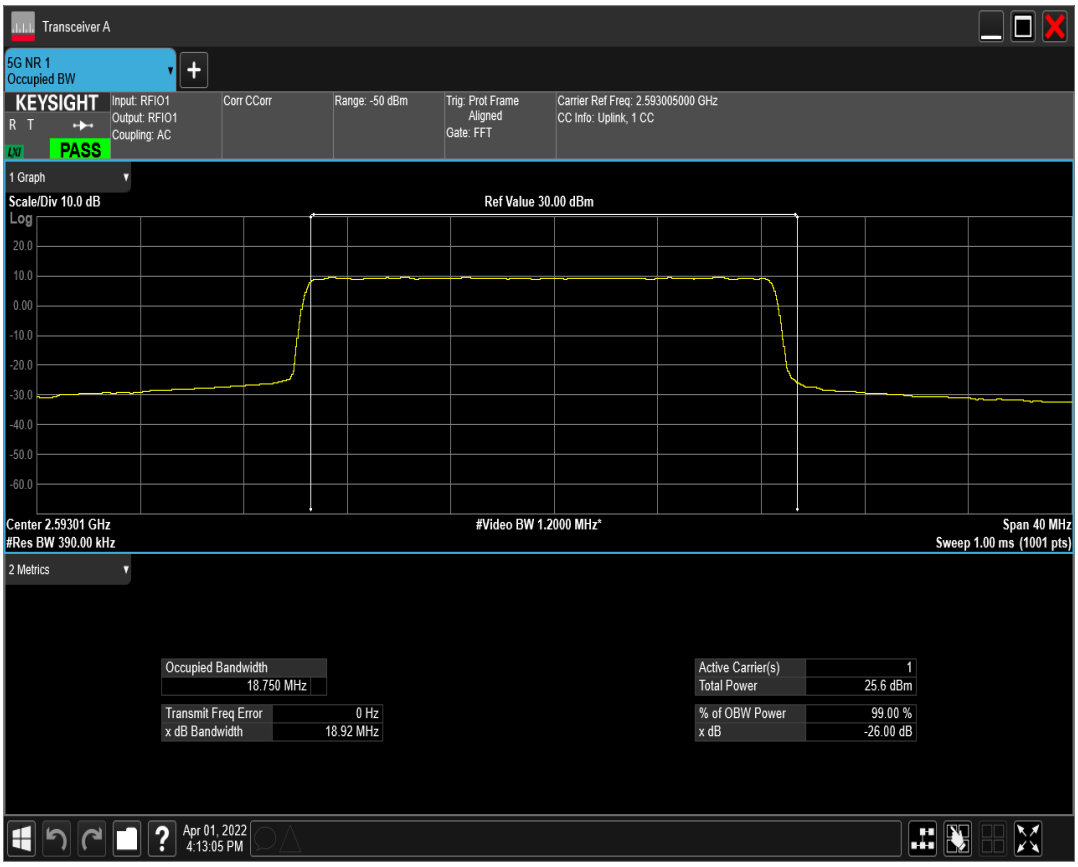
n41 SCS=15kHz CP_QPSK BW=20MHz Channel=501201 RB=106@0



n41 SCS=15kHz DFT_BPSK BW=20MHz Channel=518601 RB=100@0



n41 SCS=15kHz DFT_QPSK BW=20MHz Channel=518601 RB=100@0



n41 SCS=15kHz DFT_QAM16 BW=20MHz Channel=518601 RB=100@0