1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Conducted Power (dBm)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n38	15	5	514500	12@6	DFT_BPSK	22.8	-2	20.8	33.01	PASS
n38	15	5	514500	1@1	DFT_BPSK	22.73	-2	20.73	33.01	PASS
n38	15	5	514500	1@23	DFT_BPSK	22.8	-2	20.8	33.01	PASS
n38	15	5	514500	25@0	DFT_BPSK	22.32	-2	20.32	33.01	PASS
n38	15	5	514500	12@6	DFT_QPSK	22.75	-2	20.75	33.01	PASS
n38	15	5	514500	1@1	DFT_QPSK	22.7	-2	20.7	33.01	PASS
n38	15	5	514500	1@23	DFT_QPSK	22.75	-2	20.75	33.01	PASS
n38	15	5	514500	25@0	DFT_QPSK	21.75	-2	19.75	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM16	21.8	-2	19.8	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM16	21.79	-2	19.79	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM16	22.31	-2	20.31	33.01	PASS
n38	15	5	514500	25@0	DFT_QAM16	20.8	-2	18.8	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM64	20.38	-2	18.38	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM64	20.19	-2	18.19	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM64	20.28	-2	18.28	33.01	PASS
n38	15	5	514500	25@0	DFT_QAM64	20.36	-2	18.36	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM256	18.27	-2	16.27	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM256	18.45	-2	16.45	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM256	18.23	-2	16.23	33.01	PASS
n38	15	5	514500	25@0	DFT_QAM256	18.27	-2	16.27	33.01	PASS
n38	15	5	514500	13@6	CP_QPSK	21.25	-2	19.25	33.01	PASS
n38	15	5	514500	1@1	CP_QPSK	21.13	-2	19.13	33.01	PASS
n38	15	5	514500	1@23	CP_QPSK	21.31	-2	19.31	33.01	PASS
n38	15	5	514500	25@0	CP_QPSK	19.8	-2	17.8	33.01	PASS
n38	15	5	514500	13@6	CP_QAM16	20.72	-2	18.72	33.01	PASS
n38	15	5	514500	1@1	CP_QAM16	20.5	-2	18.5	33.01	PASS
n38	15	5	514500	1@23	CP_QAM16	21.26	-2	19.26	33.01	PASS
n38	15	5	514500	25@0	CP_QAM16	19.77	-2	17.77	33.01	PASS
n38	15	5	514500	13@6	CP_QAM64	19.28	-2	17.28	33.01	PASS
n38	15	5	514500	1@1	CP_QAM64	19.31	-2	17.31	33.01	PASS
n38	15	5	514500	1@23	CP_QAM64	19.41	-2	17.41	33.01	PASS
n38	15	5	514500	25@0	CP_QAM64	19.39	-2	17.39	33.01	PASS
n38	15	5	514500	13@6	CP_QAM256	16.26	-2	14.26	33.01	PASS
n38	15	5	514500	1@1	CP_QAM256	16.1	-2	14.1	33.01	PASS
n38	15	5	514500	1@23	CP_QAM256	16.15	-2	14.15	33.01	PASS
n38	15	5	514500	25@0	CP_QAM256	16.36	-2	14.36	33.01	PASS
n38	15	5	518500	12@6	DFT_BPSK	22.78	-2	20.78	33.01	PASS
n38	15	5	518500	1@1	DFT_BPSK	22.76	-2	20.76	33.01	PASS

n38	15	5	518500	1@23	DFT_BPSK	22.85	-2	20.85	33.01	PASS
n38	15	5	518500	25@0	DFT_BPSK	22.31	-2	20.31	33.01	PASS
n38	15	5	518500	12@6	DFT_QPSK	22.79	-2	20.79	33.01	PASS
n38	15	5	518500	1@1	DFT_QPSK	22.67	-2	20.67	33.01	PASS
n38	15	5	518500	1@23	DFT_QPSK	22.7	-2	20.7	33.01	PASS
n38	15	5	518500	25@0	DFT_QPSK	21.77	-2	19.77	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM16	21.79	-2	19.79	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM16	22.27	-2	20.27	33.01	PASS
n38	15	5	518500	1@23	DFT_QAM16	21.84	-2	19.84	33.01	PASS
n38	15	5	518500	25@0	DFT_QAM16	20.77	-2	18.77	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM64	20.45	-2	18.45	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM64	20.2	-2	18.2	33.01	PASS
n38	15	5	518500	1@23	DFT_QAM64	20.34	-2	18.34	33.01	PASS
n38	15	5	518500	25@0	DFT_QAM64	20.33	-2	18.33	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM256	18.31	-2	16.31	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM256	18.42	-2	16.42	33.01	PASS
n38	15	5	518500	1@23	DFT_QAM256	18.26	-2	16.26	33.01	PASS
n38	15	5	518500	25@0	DFT_QAM256	18.25	-2	16.25	33.01	PASS
n38	15	5	518500	13@6	CP_QPSK	21.24	-2	19.24	33.01	PASS
n38	15	5	518500	1@1	CP_QPSK	21.1	-2	19.1	33.01	PASS
n38	15	5	518500	1@23	CP_QPSK	21.2	-2	19.2	33.01	PASS
n38	15	5	518500	25@0	CP_QPSK	19.76	-2	17.76	33.01	PASS
n38	15	5	518500	13@6	CP_QAM16	20.74	-2	18.74	33.01	PASS
n38	15	5	518500	1@1	CP_QAM16	20.5	-2	18.5	33.01	PASS
n38	15	5	518500	1@23	CP_QAM16	20.62	-2	18.62	33.01	PASS
n38	15	5	518500	25@0	CP_QAM16	19.81	-2	17.81	33.01	PASS
n38	15	5	518500	13@6	CP_QAM64	19.34	-2	17.34	33.01	PASS
n38	15	5	518500	1@1	CP_QAM64	19.18	-2	17.18	33.01	PASS
n38	15	5	518500	1@23	CP_QAM64	19.34	-2	17.34	33.01	PASS
n38	15	5	518500	25@0	CP_QAM64	19.36	-2	17.36	33.01	PASS
n38	15	5	518500	13@6	CP_QAM256	16.26	-2	14.26	33.01	PASS
n38	15	5	518500	1@1	CP_QAM256	16.11	-2	14.11	33.01	PASS
n38	15	5	518500	1@23	CP_QAM256	16.07	-2	14.07	33.01	PASS
n38	15	5	518500	25@0	CP_QAM256	16.32	-2	14.32	33.01	PASS
n38	15	5	523500	12@6	DFT_BPSK	22.72	-2	20.72	33.01	PASS
n38	15	5	523500	1@1	DFT_BPSK	22.75	-2	20.75	33.01	PASS
n38	15	5	523500	1@23	DFT_BPSK	22.67	-2	20.67	33.01	PASS
n38	15	5	523500	25@0	DFT_BPSK	22.23	-2	20.23	33.01	PASS
n38	15	5	523500	12@6	DFT_QPSK	22.72	-2	20.72	33.01	PASS
n38	15	5	523500	1@1	DFT_QPSK	22.66	-2	20.66	33.01	PASS
n38	15	5	523500	1@23	DFT_QPSK	22.59	-2	20.59	33.01	PASS
n38	15	5	523500	25@0	DFT_QPSK	21.72	-2	19.72	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM16	21.74	-2	19.74	33.01	PASS

n38	15	5	523500	1@1	DFT_QAM16	21.76	-2	19.76	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM16	21.68	-2	19.68	33.01	PASS
n38	15	5	523500	25@0	DFT_QAM16	20.7	-2	18.7	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM64	20.35	-2	18.35	33.01	PASS
n38	15	5	523500	1@1	DFT_QAM64	20.2	-2	18.2	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM64	20.15	-2	18.15	33.01	PASS
n38	15	5	523500	25@0	DFT_QAM64	20.27	-2	18.27	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM256	18.25	-2	16.25	33.01	PASS
n38	15	5	523500	1@1	DFT_QAM256	18.44	-2	16.44	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM256	18.1	-2	16.1	33.01	PASS
n38	15	5	523500	25@0	DFT_QAM256	18.21	-2	16.21	33.01	PASS
n38	15	5	523500	13@6	CP_QPSK	21.21	-2	19.21	33.01	PASS
n38	15	5	523500	1@1	CP_QPSK	21.11	-2	19.11	33.01	PASS
n38	15	5	523500	1@23	CP_QPSK	21.08	-2	19.08	33.01	PASS
n38	15	5	523500	25@0	CP_QPSK	19.75	-2	17.75	33.01	PASS
n38	15	5	523500	13@6	CP_QAM16	20.7	-2	18.7	33.01	PASS
n38	15	5	523500	1@1	CP_QAM16	21.21	-2	19.21	33.01	PASS
n38	15	5	523500	1@23	CP_QAM16	21.07	-2	19.07	33.01	PASS
n38	15	5	523500	25@0	CP_QAM16	19.74	-2	17.74	33.01	PASS
n38	15	5	523500	13@6	CP_QAM64	19.32	-2	17.32	33.01	PASS
n38	15	5	523500	1@1	CP_QAM64	19.21	-2	17.21	33.01	PASS
n38	15	5	523500	1@23	CP_QAM64	19.01	-2	17.01	33.01	PASS
n38	15	5	523500	25@0	CP_QAM64	19.28	-2	17.28	33.01	PASS
n38	15	5	523500	13@6	CP_QAM256	16.16	-2	14.16	33.01	PASS
n38	15	5	523500	1@1	CP_QAM256	16.11	-2	14.11	33.01	PASS
n38	15	5	523500	1@23	CP_QAM256	16.13	-2	14.13	33.01	PASS
n38	15	5	523500	25@0	CP_QAM256	16.23	-2	14.23	33.01	PASS
n38	15	10	515000	25@12	DFT_BPSK	22.62	-2	20.62	33.01	PASS
n38	15	10	515000	1@1	DFT_BPSK	22.57	-2	20.57	33.01	PASS
n38	15	10	515000	1@50	DFT_BPSK	22.74	-2	20.74	33.01	PASS
n38	15	10	515000	50@0	DFT_BPSK	22.16	-2	20.16	33.01	PASS
n38	15	10	515000	25@12	DFT_QPSK	22.63	-2	20.63	33.01	PASS
n38	15	10	515000	1@1	DFT_QPSK	22.51	-2	20.51	33.01	PASS
n38	15	10	515000	1@50	DFT_QPSK	22.65	-2	20.65	33.01	PASS
n38	15	10	515000	50@0	DFT_QPSK	21.61	-2	19.61	33.01	PASS
n38	15	10	515000	25@12	DFT_QAM16	21.71	-2	19.71	33.01	PASS
n38	15	10	515000	1@1	DFT_QAM16	21.59	-2	19.59	33.01	PASS
n38	15	10	515000	1@50	DFT_QAM16	22.23	-2	20.23	33.01	PASS
n38	15	10	515000	50@0	DFT_QAM16	20.67	-2	18.67	33.01	PASS
n38	15	10	515000	25@12	DFT_QAM64	20.18	-2	18.18	33.01	PASS
n38	15	10	515000	1@1	DFT_QAM64	20.04	-2	18.04	33.01	PASS
n38	15	10	515000	1@50	DFT_QAM64	20.19	-2	18.19	33.01	PASS
n38	15	10	515000	50@0	DFT_QAM64	20.17	-2	18.17	33.01	PASS

n38	15	10	515000	25@12	DFT_QAM256	18.13	-2	16.13	33.01	PASS
n38	15	10	515000	1@1	DFT_QAM256	18.04	-2	16.04	33.01	PASS
n38	15	10	515000	1@50	DFT_QAM256	18.15	-2	16.15	33.01	PASS
n38	15	10	515000	50@0	DFT_QAM256	18.13	-2	16.13	33.01	PASS
n38	15	10	515000	26@13	CP_QPSK	21.14	-2	19.14	33.01	PASS
n38	15	10	515000	1@1	CP_QPSK	20.98	-2	18.98	33.01	PASS
n38	15	10	515000	1@50	CP_QPSK	21.19	-2	19.19	33.01	PASS
n38	15	10	515000	52@0	CP_QPSK	19.7	-2	17.7	33.01	PASS
n38	15	10	515000	26@13	CP_QAM16	20.66	-2	18.66	33.01	PASS
n38	15	10	515000	1@1	CP_QAM16	20.31	-2	18.31	33.01	PASS
n38	15	10	515000	1@50	CP_QAM16	21.12	-2	19.12	33.01	PASS
n38	15	10	515000	52@0	CP_QAM16	19.61	-2	17.61	33.01	PASS
n38	15	10	515000	26@13	CP_QAM64	19.21	-2	17.21	33.01	PASS
n38	15	10	515000	1@1	CP_QAM64	19.2	-2	17.2	33.01	PASS
n38	15	10	515000	1@50	CP_QAM64	19.26	-2	17.26	33.01	PASS
n38	15	10	515000	52@0	CP_QAM64	19.16	-2	17.16	33.01	PASS
n38	15	10	515000	26@13	CP_QAM256	16.16	-2	14.16	33.01	PASS
n38	15	10	515000	1@1	CP_QAM256	16.06	-2	14.06	33.01	PASS
n38	15	10	515000	1@50	CP_QAM256	16.22	-2	14.22	33.01	PASS
n38	15	10	515000	52@0	CP_QAM256	16.14	-2	14.14	33.01	PASS
n38	15	10	519000	25@12	DFT_BPSK	22.67	-2	20.67	33.01	PASS
n38	15	10	519000	1@1	DFT_BPSK	22.64	-2	20.64	33.01	PASS
n38	15	10	519000	1@50	DFT_BPSK	22.76	-2	20.76	33.01	PASS
n38	15	10	519000	50@0	DFT_BPSK	22.16	-2	20.16	33.01	PASS
n38	15	10	519000	25@12	DFT_QPSK	22.66	-2	20.66	33.01	PASS
n38	15	10	519000	1@1	DFT_QPSK	22.53	-2	20.53	33.01	PASS
n38	15	10	519000	1@50	DFT_QPSK	22.65	-2	20.65	33.01	PASS
n38	15	10	519000	50@0	DFT_QPSK	21.66	-2	19.66	33.01	PASS
n38	15	10	519000	25@12	DFT_QAM16	21.73	-2	19.73	33.01	PASS
n38	15	10	519000	1@1	DFT_QAM16	21.63	-2	19.63	33.01	PASS
n38	15	10	519000	1@50	DFT_QAM16	22.24	-2	20.24	33.01	PASS
n38	15	10	519000	50@0	DFT_QAM16	20.69	-2	18.69	33.01	PASS
n38	15	10	519000	25@12	DFT_QAM64	20.28	-2	18.28	33.01	PASS
n38	15	10	519000	1@1	DFT_QAM64	20.03	-2	18.03	33.01	PASS
n38	15	10	519000	1@50	DFT_QAM64	20.23	-2	18.23	33.01	PASS
n38	15	10	519000	50@0	DFT_QAM64	20.17	-2	18.17	33.01	PASS
n38	15	10	519000	25@12	DFT_QAM256	18.14	-2	16.14	33.01	PASS
n38	15	10	519000	1@1	DFT_QAM256	18.05	-2	16.05	33.01	PASS
n38	15	10	519000	1@50	DFT_QAM256	18.18	-2	16.18	33.01	PASS
n38	15	10	519000	50@0	DFT_QAM256	18.16	-2	16.16	33.01	PASS
n38	15	10	519000	26@13	CP_QPSK	21.16	-2	19.16	33.01	PASS
n38	15	10	519000	1@1	CP_QPSK	21.01	-2	19.01	33.01	PASS
n38	15	10	519000	1@50	CP_QPSK	21.33	-2	19.33	33.01	PASS

n38	15	10	519000	52@0	CP_QPSK	19.65	-2	17.65	33.01	PASS
n38	15	10	519000	26@13	CP_QAM16	20.68	-2	18.68	33.01	PASS
n38	15	10	519000	1@1	CP_QAM16	21	-2	19	33.01	PASS
n38	15	10	519000	1@50	CP_QAM16	21.21	-2	19.21	33.01	PASS
n38	15	10	519000	52@0	CP_QAM16	19.67	-2	17.67	33.01	PASS
n38	15	10	519000	26@13	CP_QAM64	19.28	-2	17.28	33.01	PASS
n38	15	10	519000	1@1	CP_QAM64	19.25	-2	17.25	33.01	PASS
n38	15	10	519000	1@50	CP_QAM64	19.41	-2	17.41	33.01	PASS
n38	15	10	519000	52@0	CP_QAM64	19.2	-2	17.2	33.01	PASS
n38	15	10	519000	26@13	CP_QAM256	16.23	-2	14.23	33.01	PASS
n38	15	10	519000	1@1	CP_QAM256	16.1	-2	14.1	33.01	PASS
n38	15	10	519000	1@50	CP_QAM256	16.2	-2	14.2	33.01	PASS
n38	15	10	519000	52@0	CP_QAM256	16.18	-2	14.18	33.01	PASS
n38	15	10	523000	25@12	DFT_BPSK	22.72	-2	20.72	33.01	PASS
n38	15	10	523000	1@1	DFT_BPSK	22.8	-2	20.8	33.01	PASS
n38	15	10	523000	1@50	DFT_BPSK	22.63	-2	20.63	33.01	PASS
n38	15	10	523000	50@0	DFT_BPSK	22.22	-2	20.22	33.01	PASS
n38	15	10	523000	25@12	DFT_QPSK	22.68	-2	20.68	33.01	PASS
n38	15	10	523000	1@1	DFT_QPSK	22.71	-2	20.71	33.01	PASS
n38	15	10	523000	1@50	DFT_QPSK	22.53	-2	20.53	33.01	PASS
n38	15	10	523000	50@0	DFT_QPSK	21.72	-2	19.72	33.01	PASS
n38	15	10	523000	25@12	DFT_QAM16	21.74	-2	19.74	33.01	PASS
n38	15	10	523000	1@1	DFT_QAM16	21.83	-2	19.83	33.01	PASS
n38	15	10	523000	1@50	DFT_QAM16	21.67	-2	19.67	33.01	PASS
n38	15	10	523000	50@0	DFT_QAM16	20.74	-2	18.74	33.01	PASS
n38	15	10	523000	25@12	DFT_QAM64	20.28	-2	18.28	33.01	PASS
n38	15	10	523000	1@1	DFT_QAM64	20.07	-2	18.07	33.01	PASS
n38	15	10	523000	1@50	DFT_QAM64	20.11	-2	18.11	33.01	PASS
n38	15	10	523000	50@0	DFT_QAM64	20.2	-2	18.2	33.01	PASS
n38	15	10	523000	25@12	DFT_QAM256	18.17	-2	16.17	33.01	PASS
n38	15	10	523000	1@1	DFT_QAM256	18.22	-2	16.22	33.01	PASS
n38	15	10	523000	1@50	DFT_QAM256	18.05	-2	16.05	33.01	PASS
n38	15	10	523000	50@0	DFT_QAM256	18.16	-2	16.16	33.01	PASS
n38	15	10	523000	26@13	CP_QPSK	21.23	-2	19.23	33.01	PASS
n38	15	10	523000	1@1	CP_QPSK	21.19	-2	19.19	33.01	PASS
n38	15	10	523000	1@50	CP_QPSK	21.13	-2	19.13	33.01	PASS
n38	15	10	523000	52@0	CP_QPSK	19.73	-2	17.73	33.01	PASS
n38	15	10	523000	26@13	CP_QAM16	20.69	-2	18.69	33.01	PASS
n38	15	10	523000	1@1	CP_QAM16	21.22	-2	19.22	33.01	PASS
n38	15	10	523000	1@50	CP_QAM16	20.48	-2	18.48	33.01	PASS
n38	15	10	523000	52@0	CP_QAM16	19.73	-2	17.73	33.01	PASS
n38	15	10	523000	26@13	CP_QAM64	19.39	-2	17.39	33.01	PASS
n38	15	10	523000	1@1	CP_QAM64	19.24	-2	17.24	33.01	PASS

n38	15	10	523000	1@50	CP_QAM64	19.52	-2	17.52	33.01	PASS
n38	15	10	523000	52@0	CP_QAM64	19.21	-2	17.21	33.01	PASS
n38	15	10	523000	26@13	CP_QAM256	16.26	-2	14.26	33.01	PASS
n38	15	10	523000	1@1	CP_QAM256	16.1	-2	14.1	33.01	PASS
n38	15	10	523000	1@50	CP_QAM256	15.99	-2	13.99	33.01	PASS
n38	15	10	523000	52@0	CP_QAM256	16.2	-2	14.2	33.01	PASS
n38	15	15	515500	36@18	DFT_BPSK	22.71	-2	20.71	33.01	PASS
n38	15	15	515500	1@1	DFT_BPSK	22.59	-2	20.59	33.01	PASS
n38	15	15	515500	1@77	DFT_BPSK	22.85	-2	20.85	33.01	PASS
n38	15	15	515500	75@0	DFT_BPSK	22.18	-2	20.18	33.01	PASS
n38	15	15	515500	36@18	DFT_QPSK	22.71	-2	20.71	33.01	PASS
n38	15	15	515500	1@1	DFT_QPSK	22.54	-2	20.54	33.01	PASS
n38	15	15	515500	1@77	DFT_QPSK	22.79	-2	20.79	33.01	PASS
n38	15	15	515500	75@0	DFT_QPSK	21.72	-2	19.72	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM16	21.69	-2	19.69	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM16	21.64	-2	19.64	33.01	PASS
n38	15	15	515500	1@77	DFT_QAM16	22.31	-2	20.31	33.01	PASS
n38	15	15	515500	75@0	DFT_QAM16	20.68	-2	18.68	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM64	20.24	-2	18.24	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM64	20.05	-2	18.05	33.01	PASS
n38	15	15	515500	1@77	DFT_QAM64	20.29	-2	18.29	33.01	PASS
n38	15	15	515500	75@0	DFT_QAM64	20.22	-2	18.22	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM256	18.19	-2	16.19	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM256	18	-2	16	33.01	PASS
n38	15	15	515500	1@77	DFT_QAM256	18.24	-2	16.24	33.01	PASS
n38	15	15	515500	75@0	DFT_QAM256	18.16	-2	16.16	33.01	PASS
n38	15	15	515500	39@19	CP_QPSK	21.21	-2	19.21	33.01	PASS
n38	15	15	515500	1@1	CP_QPSK	21.18	-2	19.18	33.01	PASS
n38	15	15	515500	1@77	CP_QPSK	21.34	-2	19.34	33.01	PASS
n38	15	15	515500	79@0	CP_QPSK	19.78	-2	17.78	33.01	PASS
n38	15	15	515500	39@19	CP_QAM16	20.7	-2	18.7	33.01	PASS
n38	15	15	515500	1@1	CP_QAM16	20.99	-2	18.99	33.01	PASS
n38	15	15	515500	1@77	CP_QAM16	20.72	-2	18.72	33.01	PASS
n38	15	15	515500	79@0	CP_QAM16	19.67	-2	17.67	33.01	PASS
n38	15	15	515500	39@19	CP_QAM64	19.28	-2	17.28	33.01	PASS
n38	15	15	515500	1@1	CP_QAM64	19.2	-2	17.2	33.01	PASS
n38	15	15	515500	1@77	CP_QAM64	19.37	-2	17.37	33.01	PASS
n38	15	15	515500	79@0	CP_QAM64	19.22	-2	17.22	33.01	PASS
n38	15	15	515500	39@19	CP_QAM256	16.21	-2	14.21	33.01	PASS
n38	15	15	515500	1@1	CP_QAM256	15.99	-2	13.99	33.01	PASS
n38	15	15	515500	1@77	CP_QAM256	16.34	-2	14.34	33.01	PASS
n38	15	15	515500	79@0	CP_QAM256	16.23	-2	14.23	33.01	PASS
n38	15	15	519000	36@18	DFT_BPSK	22.71	-2	20.71	33.01	PASS

n38	15	15	519000	1@1	DFT_BPSK	22.57	-2	20.57	33.01	PASS
n38	15	15	519000	1@77	DFT_BPSK	22.81	-2	20.81	33.01	PASS
n38	15	15	519000	75@0	DFT_BPSK	22.23	-2	20.23	33.01	PASS
n38	15	15	519000	36@18	DFT_QPSK	22.71	-2	20.71	33.01	PASS
n38	15	15	519000	1@1	DFT_QPSK	22.53	-2	20.53	33.01	PASS
n38	15	15	519000	1@77	DFT_QPSK	22.8	-2	20.8	33.01	PASS
n38	15	15	519000	75@0	DFT_QPSK	21.72	-2	19.72	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM16	21.66	-2	19.66	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM16	21.61	-2	19.61	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM16	21.85	-2	19.85	33.01	PASS
n38	15	15	519000	75@0	DFT_QAM16	20.72	-2	18.72	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM64	20.21	-2	18.21	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM64	20.43	-2	18.43	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM64	20.3	-2	18.3	33.01	PASS
n38	15	15	519000	75@0	DFT_QAM64	20.27	-2	18.27	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM256	18.21	-2	16.21	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM256	18.17	-2	16.17	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM256	18.4	-2	16.4	33.01	PASS
n38	15	15	519000	75@0	DFT_QAM256	18.25	-2	16.25	33.01	PASS
n38	15	15	519000	39@19	CP_QPSK	21.21	-2	19.21	33.01	PASS
n38	15	15	519000	1@1	CP_QPSK	21.07	-2	19.07	33.01	PASS
n38	15	15	519000	1@77	CP_QPSK	21.41	-2	19.41	33.01	PASS
n38	15	15	519000	79@0	CP_QPSK	19.82	-2	17.82	33.01	PASS
n38	15	15	519000	39@19	CP_QAM16	20.73	-2	18.73	33.01	PASS
n38	15	15	519000	1@1	CP_QAM16	21.02	-2	19.02	33.01	PASS
n38	15	15	519000	1@77	CP_QAM16	20.78	-2	18.78	33.01	PASS
n38	15	15	519000	79@0	CP_QAM16	19.67	-2	17.67	33.01	PASS
n38	15	15	519000	39@19	CP_QAM64	19.29	-2	17.29	33.01	PASS
n38	15	15	519000	1@1	CP_QAM64	19.21	-2	17.21	33.01	PASS
n38	15	15	519000	1@77	CP_QAM64	19.33	-2	17.33	33.01	PASS
n38	15	15	519000	79@0	CP_QAM64	19.27	-2	17.27	33.01	PASS
n38	15	15	519000	39@19	CP_QAM256	16.25	-2	14.25	33.01	PASS
n38	15	15	519000	1@1	CP_QAM256	15.95	-2	13.95	33.01	PASS
n38	15	15	519000	1@77	CP_QAM256	16.3	-2	14.3	33.01	PASS
n38	15	15	519000	79@0	CP_QAM256	16.21	-2	14.21	33.01	PASS
n38	15	15	522500	36@18	DFT_BPSK	22.8	-2	20.8	33.01	PASS
n38	15	15	522500	1@1	DFT_BPSK	22.88	-2	20.88	33.01	PASS
n38	15	15	522500	1@77	DFT_BPSK	22.6	-2	20.6	33.01	PASS
n38	15	15	522500	75@0	DFT_BPSK	22.29	-2	20.29	33.01	PASS
n38	15	15	522500	36@18	DFT_QPSK	22.82	-2	20.82	33.01	PASS
n38	15	15	522500	1@1	DFT_QPSK	22.79	-2	20.79	33.01	PASS
n38	15	15	522500	1@77	DFT_QPSK	22.58	-2	20.58	33.01	PASS
n38	15	15	522500	75@0	DFT_QPSK	21.82	-2	19.82	33.01	PASS

n38	15	15	522500	36@18	DFT_QAM16	21.8	-2	19.8	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM16	22.31	-2	20.31	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM16	21.7	-2	19.7	33.01	PASS
n38	15	15	522500	75@0	DFT_QAM16	20.81	-2	18.81	33.01	PASS
n38	15	15	522500	36@18	DFT_QAM64	20.33	-2	18.33	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM64	20.67	-2	18.67	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM64	20.49	-2	18.49	33.01	PASS
n38	15	15	522500	75@0	DFT_QAM64	20.31	-2	18.31	33.01	PASS
n38	15	15	522500	36@18	DFT_QAM256	18.29	-2	16.29	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM256	18.49	-2	16.49	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM256	18.13	-2	16.13	33.01	PASS
n38	15	15	522500	75@0	DFT_QAM256	18.29	-2	16.29	33.01	PASS
n38	15	15	522500	39@19	CP_QPSK	21.36	-2	19.36	33.01	PASS
n38	15	15	522500	1@1	CP_QPSK	21.37	-2	19.37	33.01	PASS
n38	15	15	522500	1@77	CP_QPSK	21.22	-2	19.22	33.01	PASS
n38	15	15	522500	79@0	CP_QPSK	19.87	-2	17.87	33.01	PASS
n38	15	15	522500	39@19	CP_QAM16	20.84	-2	18.84	33.01	PASS
n38	15	15	522500	1@1	CP_QAM16	20.82	-2	18.82	33.01	PASS
n38	15	15	522500	1@77	CP_QAM16	20.59	-2	18.59	33.01	PASS
n38	15	15	522500	79@0	CP_QAM16	19.81	-2	17.81	33.01	PASS
n38	15	15	522500	39@19	CP_QAM64	19.4	-2	17.4	33.01	PASS
n38	15	15	522500	1@1	CP_QAM64	19.48	-2	17.48	33.01	PASS
n38	15	15	522500	1@77	CP_QAM64	19.14	-2	17.14	33.01	PASS
n38	15	15	522500	79@0	CP_QAM64	19.37	-2	17.37	33.01	PASS
n38	15	15	522500	39@19	CP_QAM256	16.34	-2	14.34	33.01	PASS
n38	15	15	522500	1@1	CP_QAM256	16.24	-2	14.24	33.01	PASS
n38	15	15	522500	1@77	CP_QAM256	16.07	-2	14.07	33.01	PASS
n38	15	15	522500	79@0	CP_QAM256	16.32	-2	14.32	33.01	PASS
n38	15	20	516000	50@25	DFT_BPSK	22.75	-2	20.75	33.01	PASS
n38	15	20	516000	1@1	DFT_BPSK	22.57	-2	20.57	33.01	PASS
n38	15	20	516000	1@104	DFT_BPSK	22.9	-2	20.9	33.01	PASS
n38	15	20	516000	100@0	DFT_BPSK	22.26	-2	20.26	33.01	PASS
n38	15	20	516000	50@25	DFT_QPSK	22.73	-2	20.73	33.01	PASS
n38	15	20	516000	1@1	DFT_QPSK	22.55	-2	20.55	33.01	PASS
n38	15	20	516000	1@104	DFT_QPSK	22.81	-2	20.81	33.01	PASS
n38	15	20	516000	100@0	DFT_QPSK	21.71	-2	19.71	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM16	21.78	-2	19.78	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM16	22.01	-2	20.01	33.01	PASS
n38	15	20	516000	1@104	DFT_QAM16	21.96	-2	19.96	33.01	PASS
n38	15	20	516000	100@0	DFT_QAM16	20.72	-2	18.72	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM64	20.23	-2	18.23	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM64	20.42	-2	18.42	33.01	PASS
n38	15	20	516000	1@104	DFT_QAM64	20.36	-2	18.36	33.01	PASS

n38	15	20	516000	100@0	DFT_QAM64	20.26	-2	18.26	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM256	18.18	-2	16.18	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM256	18.21	-2	16.21	33.01	PASS
n38	15	20	516000	1@104	DFT_QAM256	18.42	-2	16.42	33.01	PASS
n38	15	20	516000	100@0	DFT_QAM256	18.28	-2	16.28	33.01	PASS
n38	15	20	516000	53@26	CP_QPSK	21.22	-2	19.22	33.01	PASS
n38	15	20	516000	1@1	CP_QPSK	21.13	-2	19.13	33.01	PASS
n38	15	20	516000	1@104	CP_QPSK	21.41	-2	19.41	33.01	PASS
n38	15	20	516000	106@0	CP_QPSK	19.75	-2	17.75	33.01	PASS
n38	15	20	516000	53@26	CP_QAM16	20.76	-2	18.76	33.01	PASS
n38	15	20	516000	1@1	CP_QAM16	20.51	-2	18.51	33.01	PASS
n38	15	20	516000	1@104	CP_QAM16	20.83	-2	18.83	33.01	PASS
n38	15	20	516000	106@0	CP_QAM16	19.77	-2	17.77	33.01	PASS
n38	15	20	516000	53@26	CP_QAM64	19.24	-2	17.24	33.01	PASS
n38	15	20	516000	1@1	CP_QAM64	19.24	-2	17.24	33.01	PASS
n38	15	20	516000	1@104	CP_QAM64	19.53	-2	17.53	33.01	PASS
n38	15	20	516000	106@0	CP_QAM64	19.29	-2	17.29	33.01	PASS
n38	15	20	516000	53@26	CP_QAM256	16.26	-2	14.26	33.01	PASS
n38	15	20	516000	1@1	CP_QAM256	16.09	-2	14.09	33.01	PASS
n38	15	20	516000	1@104	CP_QAM256	16.28	-2	14.28	33.01	PASS
n38	15	20	516000	106@0	CP_QAM256	16.24	-2	14.24	33.01	PASS
n38	15	20	519000	50@25	DFT_BPSK	22.77	-2	20.77	33.01	PASS
n38	15	20	519000	1@1	DFT_BPSK	22.64	-2	20.64	33.01	PASS
n38	15	20	519000	1@104	DFT_BPSK	22.97	-2	20.97	33.01	PASS
n38	15	20	519000	100@0	DFT_BPSK	22.29	-2	20.29	33.01	PASS
n38	15	20	519000	50@25	DFT_QPSK	22.75	-2	20.75	33.01	PASS
n38	15	20	519000	1@1	DFT_QPSK	22.56	-2	20.56	33.01	PASS
n38	15	20	519000	1@104	DFT_QPSK	22.87	-2	20.87	33.01	PASS
n38	15	20	519000	100@0	DFT_QPSK	21.75	-2	19.75	33.01	PASS
n38	15	20	519000	50@25	DFT_QAM16	21.81	-2	19.81	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM16	21.72	-2	19.72	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM16	22.13	-2	20.13	33.01	PASS
n38	15	20	519000	100@0	DFT_QAM16	20.73	-2	18.73	33.01	PASS
n38	15	20	519000	50@25	DFT_QAM64	20.26	-2	18.26	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM64	20.04	-2	18.04	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM64	20.39	-2	18.39	33.01	PASS
n38	15	20	519000	100@0	DFT_QAM64	20.29	-2	18.29	33.01	PASS
n38	15	20	519000	50@25	DFT_QAM256	18.17	-2	16.17	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM256	18.29	-2	16.29	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM256	18.41	-2	16.41	33.01	PASS
n38	15	20	519000	100@0	DFT_QAM256	18.24	-2	16.24	33.01	PASS
n38	15	20	519000	53@26	CP_QPSK	21.23	-2	19.23	33.01	PASS
n38	15	20	519000	1@1	CP_QPSK	21.18	-2	19.18	33.01	PASS

n38	15	20	519000	1@104	CP_QPSK	21.37	-2	19.37	33.01	PASS
n38	15	20	519000	106@0	CP_QPSK	19.79	-2	17.79	33.01	PASS
n38	15	20	519000	53@26	CP_QAM16	20.76	-2	18.76	33.01	PASS
n38	15	20	519000	1@1	CP_QAM16	21.09	-2	19.09	33.01	PASS
n38	15	20	519000	1@104	CP_QAM16	21.35	-2	19.35	33.01	PASS
n38	15	20	519000	106@0	CP_QAM16	19.78	-2	17.78	33.01	PASS
n38	15	20	519000	53@26	CP_QAM64	19.29	-2	17.29	33.01	PASS
n38	15	20	519000	1@1	CP_QAM64	19.27	-2	17.27	33.01	PASS
n38	15	20	519000	1@104	CP_QAM64	19.55	-2	17.55	33.01	PASS
n38	15	20	519000	106@0	CP_QAM64	19.27	-2	17.27	33.01	PASS
n38	15	20	519000	53@26	CP_QAM256	16.24	-2	14.24	33.01	PASS
n38	15	20	519000	1@1	CP_QAM256	16.02	-2	14.02	33.01	PASS
n38	15	20	519000	1@104	CP_QAM256	16.38	-2	14.38	33.01	PASS
n38	15	20	519000	106@0	CP_QAM256	16.24	-2	14.24	33.01	PASS
n38	15	20	522000	50@25	DFT_BPSK	22.9	-2	20.9	33.01	PASS
n38	15	20	522000	1@1	DFT_BPSK	22.87	-2	20.87	33.01	PASS
n38	15	20	522000	1@104	DFT_BPSK	22.73	-2	20.73	33.01	PASS
n38	15	20	522000	100@0	DFT_BPSK	22.37	-2	20.37	33.01	PASS
n38	15	20	522000	50@25	DFT_QPSK	22.89	-2	20.89	33.01	PASS
n38	15	20	522000	1@1	DFT_QPSK	22.78	-2	20.78	33.01	PASS
n38	15	20	522000	1@104	DFT_QPSK	22.67	-2	20.67	33.01	PASS
n38	15	20	522000	100@0	DFT_QPSK	21.85	-2	19.85	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM16	21.92	-2	19.92	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM16	22.38	-2	20.38	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM16	22.22	-2	20.22	33.01	PASS
n38	15	20	522000	100@0	DFT_QAM16	20.82	-2	18.82	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM64	20.41	-2	18.41	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM64	20.34	-2	18.34	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM64	20.06	-2	18.06	33.01	PASS
n38	15	20	522000	100@0	DFT_QAM64	20.37	-2	18.37	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM256	18.37	-2	16.37	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM256	18.33	-2	16.33	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM256	18.12	-2	16.12	33.01	PASS
n38	15	20	522000	100@0	DFT_QAM256	18.37	-2	16.37	33.01	PASS
n38	15	20	522000	53@26	CP_QPSK	21.38	-2	19.38	33.01	PASS
n38	15	20	522000	1@1	CP_QPSK	21.38	-2	19.38	33.01	PASS
n38	15	20	522000	1@104	CP_QPSK	21.15	-2	19.15	33.01	PASS
n38	15	20	522000	106@0	CP_QPSK	19.87	-2	17.87	33.01	PASS
n38	15	20	522000	53@26	CP_QAM16	20.88	-2	18.88	33.01	PASS
n38	15	20	522000	1@1	CP_QAM16	21.32	-2	19.32	33.01	PASS
n38	15	20	522000	1@104	CP_QAM16	20.48	-2	18.48	33.01	PASS
n38	15	20	522000	106@0	CP_QAM16	19.85	-2	17.85	33.01	PASS
n38	15	20	522000	53@26	CP_QAM64	19.39	-2	17.39	33.01	PASS

n38	15	20	522000	1@1	CP_QAM64	19.78	-2	17.78	33.01	PASS
n38	15	20	522000	1@104	CP_QAM64	19.65	-2	17.65	33.01	PASS
n38	15	20	522000	106@0	CP_QAM64	19.35	-2	17.35	33.01	PASS
n38	15	20	522000	53@26	CP_QAM256	16.37	-2	14.37	33.01	PASS
n38	15	20	522000	1@1	CP_QAM256	16.15	-2	14.15	33.01	PASS
n38	15	20	522000	1@104	CP_QAM256	16.02	-2	14.02	33.01	PASS
n38	15	20	522000	106@0	CP_QAM256	16.32	-2	14.32	33.01	PASS
n38	15	40	518000	108@54	DFT_BPSK	22.82	-2	20.82	33.01	PASS
n38	15	40	518000	1@1	DFT_BPSK	22.81	-2	20.81	33.01	PASS
n38	15	40	518000	1@214	DFT_BPSK	22.84	-2	20.84	33.01	PASS
n38	15	40	518000	216@0	DFT_BPSK	22.28	-2	20.28	33.01	PASS
n38	15	40	518000	108@54	DFT_QPSK	22.8	-2	20.8	33.01	PASS
n38	15	40	518000	1@1	DFT_QPSK	22.73	-2	20.73	33.01	PASS
n38	15	40	518000	1@214	DFT_QPSK	22.76	-2	20.76	33.01	PASS
n38	15	40	518000	216@0	DFT_QPSK	21.77	-2	19.77	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM16	21.79	-2	19.79	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM16	21.81	-2	19.81	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM16	21.87	-2	19.87	33.01	PASS
n38	15	40	518000	216@0	DFT_QAM16	20.76	-2	18.76	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM64	20.34	-2	18.34	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM64	20.06	-2	18.06	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM64	20.31	-2	18.31	33.01	PASS
n38	15	40	518000	216@0	DFT_QAM64	20.29	-2	18.29	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM256	18.33	-2	16.33	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM256	18.46	-2	16.46	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM256	18.28	-2	16.28	33.01	PASS
n38	15	40	518000	216@0	DFT_QAM256	18.32	-2	16.32	33.01	PASS
n38	15	40	518000	108@54	CP_QPSK	21.3	-2	19.3	33.01	PASS
n38	15	40	518000	1@1	CP_QPSK	21.21	-2	19.21	33.01	PASS
n38	15	40	518000	1@214	CP_QPSK	21.41	-2	19.41	33.01	PASS
n38	15	40	518000	216@0	CP_QPSK	19.82	-2	17.82	33.01	PASS
n38	15	40	518000	108@54	CP_QAM16	20.84	-2	18.84	33.01	PASS
n38	15	40	518000	1@1	CP_QAM16	20.62	-2	18.62	33.01	PASS
n38	15	40	518000	1@214	CP_QAM16	20.72	-2	18.72	33.01	PASS
n38	15	40	518000	216@0	CP_QAM16	19.8	-2	17.8	33.01	PASS
n38	15	40	518000	108@54	CP_QAM64	19.32	-2	17.32	33.01	PASS
n38	15	40	518000	1@1	CP_QAM64	19.29	-2	17.29	33.01	PASS
n38	15	40	518000	1@214	CP_QAM64	19.32	-2	17.32	33.01	PASS
n38	15	40	518000	216@0	CP_QAM64	19.3	-2	17.3	33.01	PASS
n38	15	40	518000	108@54	CP_QAM256	16.3	-2	14.3	33.01	PASS
n38	15	40	518000	1@1	CP_QAM256	16.15	-2	14.15	33.01	PASS
n38	15	40	518000	1@214	CP_QAM256	16.24	-2	14.24	33.01	PASS
n38	15	40	518000	216@0	CP_QAM256	16.33	-2	14.33	33.01	PASS

n38	15	40	519000	108@54	DFT_BPSK	22.82	-2	20.82	33.01	PASS
n38	15	40	519000	1@1	DFT_BPSK	22.77	-2	20.77	33.01	PASS
n38	15	40	519000	1@214	DFT_BPSK	22.82	-2	20.82	33.01	PASS
n38	15	40	519000	216@0	DFT_BPSK	22.3	-2	20.3	33.01	PASS
n38	15	40	519000	108@54	DFT_QPSK	22.81	-2	20.81	33.01	PASS
n38	15	40	519000	1@1	DFT_QPSK	22.7	-2	20.7	33.01	PASS
n38	15	40	519000	1@214	DFT_QPSK	22.83	-2	20.83	33.01	PASS
n38	15	40	519000	216@0	DFT_QPSK	21.79	-2	19.79	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM16	21.81	-2	19.81	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM16	22.27	-2	20.27	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM16	21.91	-2	19.91	33.01	PASS
n38	15	40	519000	216@0	DFT_QAM16	20.81	-2	18.81	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM64	20.36	-2	18.36	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM64	20.19	-2	18.19	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM64	20.17	-2	18.17	33.01	PASS
n38	15	40	519000	216@0	DFT_QAM64	20.28	-2	18.28	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM256	18.34	-2	16.34	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM256	18.22	-2	16.22	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM256	18.3	-2	16.3	33.01	PASS
n38	15	40	519000	216@0	DFT_QAM256	18.29	-2	16.29	33.01	PASS
n38	15	40	519000	108@54	CP_QPSK	21.26	-2	19.26	33.01	PASS
n38	15	40	519000	1@1	CP_QPSK	21.22	-2	19.22	33.01	PASS
n38	15	40	519000	1@214	CP_QPSK	21.39	-2	19.39	33.01	PASS
n38	15	40	519000	216@0	CP_QPSK	19.8	-2	17.8	33.01	PASS
n38	15	40	519000	108@54	CP_QAM16	20.83	-2	18.83	33.01	PASS
n38	15	40	519000	1@1	CP_QAM16	21.26	-2	19.26	33.01	PASS
n38	15	40	519000	1@214	CP_QAM16	21.31	-2	19.31	33.01	PASS
n38	15	40	519000	216@0	CP_QAM16	19.76	-2	17.76	33.01	PASS
n38	15	40	519000	108@54	CP_QAM64	19.34	-2	17.34	33.01	PASS
n38	15	40	519000	1@1	CP_QAM64	19.71	-2	17.71	33.01	PASS
n38	15	40	519000	1@214	CP_QAM64	19.76	-2	17.76	33.01	PASS
n38	15	40	519000	216@0	CP_QAM64	19.27	-2	17.27	33.01	PASS
n38	15	40	519000	108@54	CP_QAM256	16.28	-2	14.28	33.01	PASS
n38	15	40	519000	1@1	CP_QAM256	16.17	-2	14.17	33.01	PASS
n38	15	40	519000	1@214	CP_QAM256	16.22	-2	14.22	33.01	PASS
n38	15	40	519000	216@0	CP_QAM256	16.33	-2	14.33	33.01	PASS
n38	15	40	520000	108@54	DFT_BPSK	22.88	-2	20.88	33.01	PASS
n38	15	40	520000	1@1	DFT_BPSK	22.69	-2	20.69	33.01	PASS
n38	15	40	520000	1@214	DFT_BPSK	22.74	-2	20.74	33.01	PASS
n38	15	40	520000	216@0	DFT_BPSK	22.3	-2	20.3	33.01	PASS
n38	15	40	520000	108@54	DFT_QPSK	22.89	-2	20.89	33.01	PASS
n38	15	40	520000	1@1	DFT_QPSK	22.6	-2	20.6	33.01	PASS
n38	15	40	520000	1@214	DFT_QPSK	22.64	-2	20.64	33.01	PASS

n38	15	40	520000	216@0	DFT_QPSK	21.85	-2	19.85	33.01	PASS
n38	15	40	520000	108@54	DFT_QAM16	21.91	-2	19.91	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM16	21.71	-2	19.71	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM16	21.78	-2	19.78	33.01	PASS
n38	15	40	520000	216@0	DFT_QAM16	20.82	-2	18.82	33.01	PASS
n38	15	40	520000	108@54	DFT_QAM64	20.41	-2	18.41	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM64	20.06	-2	18.06	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM64	20.03	-2	18.03	33.01	PASS
n38	15	40	520000	216@0	DFT_QAM64	20.32	-2	18.32	33.01	PASS
n38	15	40	520000	108@54	DFT_QAM256	18.4	-2	16.4	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM256	18.11	-2	16.11	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM256	18.19	-2	16.19	33.01	PASS
n38	15	40	520000	216@0	DFT_QAM256	18.34	-2	16.34	33.01	PASS
n38	15	40	520000	108@54	CP_QPSK	21.37	-2	19.37	33.01	PASS
n38	15	40	520000	1@1	CP_QPSK	21.12	-2	19.12	33.01	PASS
n38	15	40	520000	1@214	CP_QPSK	21.25	-2	19.25	33.01	PASS
n38	15	40	520000	216@0	CP_QPSK	19.84	-2	17.84	33.01	PASS
n38	15	40	520000	108@54	CP_QAM16	20.88	-2	18.88	33.01	PASS
n38	15	40	520000	1@1	CP_QAM16	21.12	-2	19.12	33.01	PASS
n38	15	40	520000	1@214	CP_QAM16	21.18	-2	19.18	33.01	PASS
n38	15	40	520000	216@0	CP_QAM16	19.8	-2	17.8	33.01	PASS
n38	15	40	520000	108@54	CP_QAM64	19.41	-2	17.41	33.01	PASS
n38	15	40	520000	1@1	CP_QAM64	19.1	-2	17.1	33.01	PASS
n38	15	40	520000	1@214	CP_QAM64	19.67	-2	17.67	33.01	PASS
n38	15	40	520000	216@0	CP_QAM64	19.31	-2	17.31	33.01	PASS
n38	15	40	520000	108@54	CP_QAM256	16.35	-2	14.35	33.01	PASS
n38	15	40	520000	1@1	CP_QAM256	15.95	-2	13.95	33.01	PASS
n38	15	40	520000	1@214	CP_QAM256	16.12	-2	14.12	33.01	PASS
n38	15	40	520000	216@0	CP_QAM256	16.35	-2	14.35	33.01	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
n38	15	40	519000	108@54	DFT_BPSK	3.91	-3.61	0.00	Within authorized band for 5G NR n38	PASS
n38	15	40	519000	108@54	DFT_BPSK	3.45	-4.04	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	4.50	-2.22	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	3.91	-2.24	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	3.45	1.32	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	4.50	-2.13	0.00		PASS

Note: Only the worst case shown in the report.

NV:

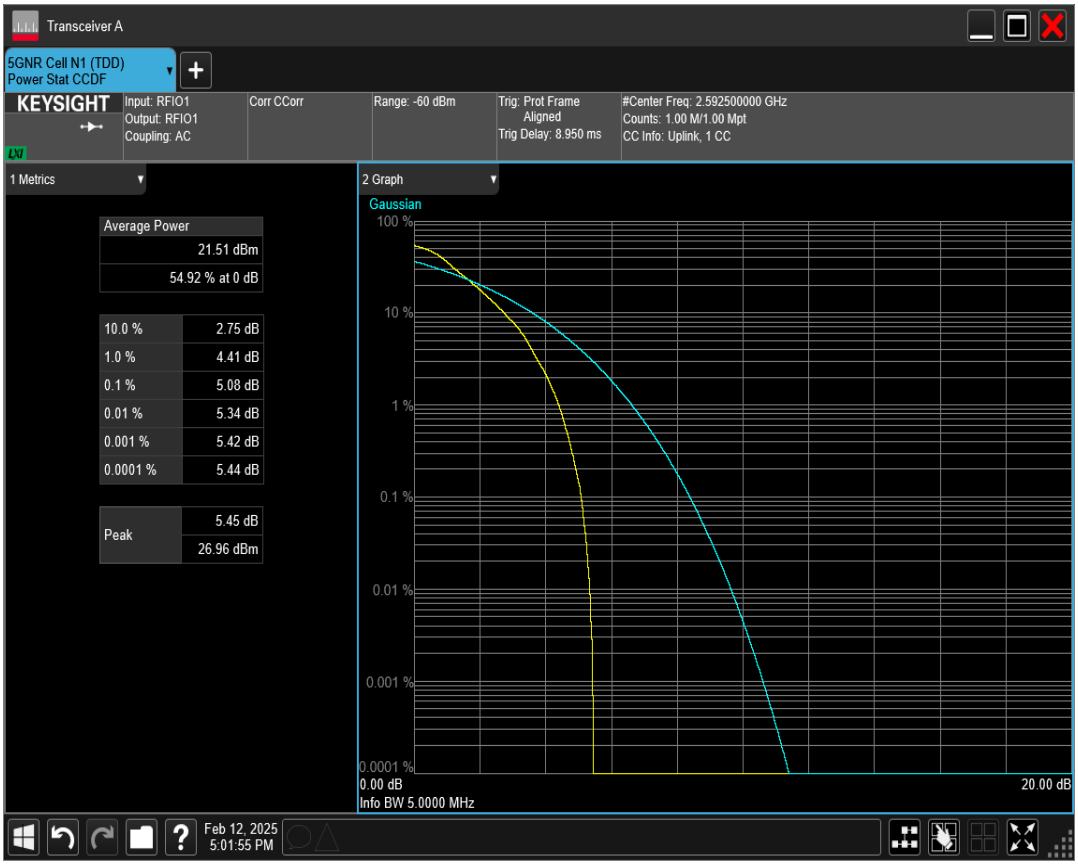
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(℃)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n38	15	40	519000	108@54	DFT_BPSK	-30	-4.26	0.00	Within authorized band for 5G NR n38	PASS
n38	15	40	519000	108@54	DFT_BPSK	-20	-5.53	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	-10	-3.59	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	0	-2.95	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	10	-5	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	20	-3.61	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	30	-4.65	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	40	-5.25	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	50	-6.74	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-30	-6.1	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-20	-5.31	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-10	-5.12	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	0	-3.44	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	10	-5.15	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	20	-4.86	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	30	-4.15	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	40	-5.81	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	50	-5.43	0.00		PASS

Note: Only the worst case shown in the report.

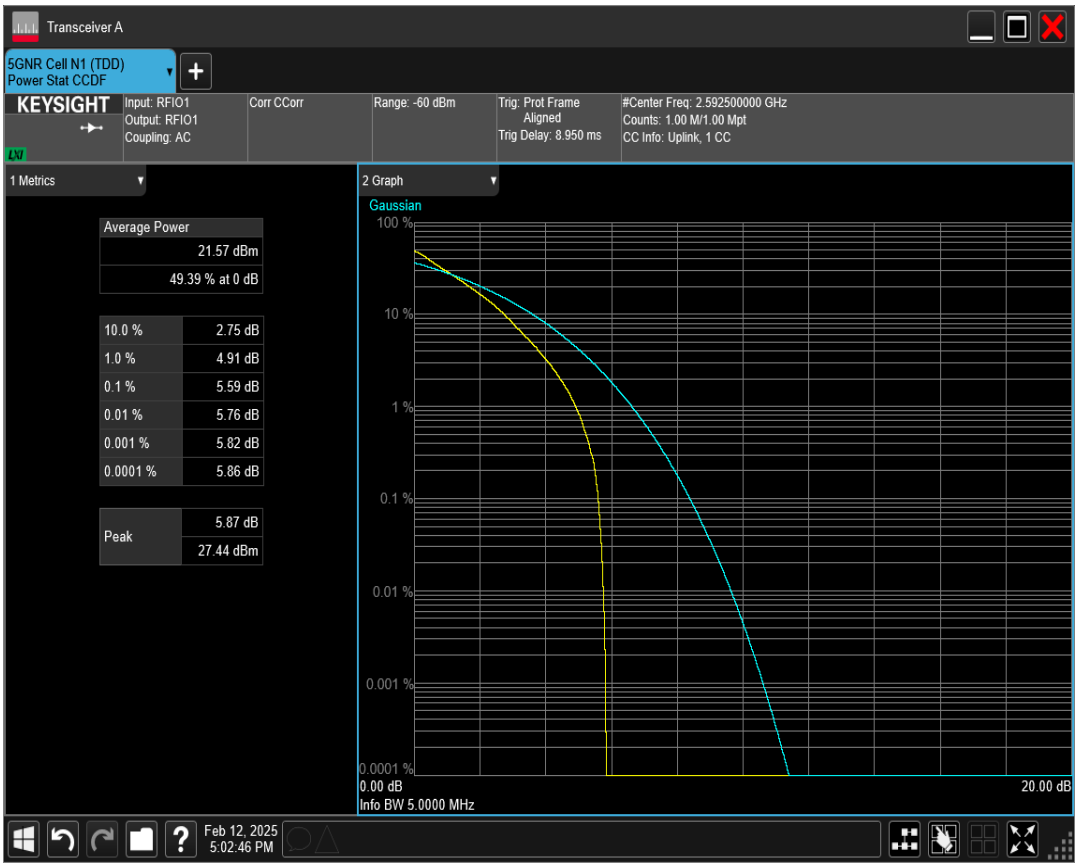
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n38	15	5	518500	25@0	DFT_BPSK	5.08	13	PASS
n38	15	5	518500	25@0	DFT_QPSK	5.59	13	PASS
n38	15	5	518500	25@0	DFT_QAM16	6.21	13	PASS
n38	15	5	518500	25@0	DFT_QAM64	6.71	13	PASS
n38	15	5	518500	25@0	DFT_QAM256	7.82	13	PASS
n38	15	10	519000	50@0	DFT_BPSK	4.69	13	PASS
n38	15	10	519000	50@0	DFT_QPSK	5.71	13	PASS
n38	15	10	519000	50@0	DFT_QAM16	6.39	13	PASS
n38	15	10	519000	50@0	DFT_QAM64	6.91	13	PASS
n38	15	10	519000	50@0	DFT_QAM256	7.47	13	PASS
n38	15	15	519000	75@0	DFT_BPSK	4.56	13	PASS
n38	15	15	519000	75@0	DFT_QPSK	5.67	13	PASS
n38	15	15	519000	75@0	DFT_QAM16	6.44	13	PASS
n38	15	15	519000	75@0	DFT_QAM64	6.76	13	PASS
n38	15	15	519000	75@0	DFT_QAM256	7.32	13	PASS
n38	15	20	519000	100@0	DFT_BPSK	4.64	13	PASS
n38	15	20	519000	100@0	DFT_QPSK	5.69	13	PASS
n38	15	20	519000	100@0	DFT_QAM16	6.39	13	PASS
n38	15	20	519000	100@0	DFT_QAM64	7.11	13	PASS
n38	15	20	519000	100@0	DFT_QAM256	7.35	13	PASS
n38	15	40	519000	216@0	DFT_BPSK	4.88	13	PASS
n38	15	40	519000	216@0	DFT_QPSK	5.68	13	PASS
n38	15	40	519000	216@0	DFT_QAM16	6.58	13	PASS
n38	15	40	519000	216@0	DFT_QAM64	6.76	13	PASS
n38	15	40	519000	216@0	DFT_QAM256	7.35	13	PASS

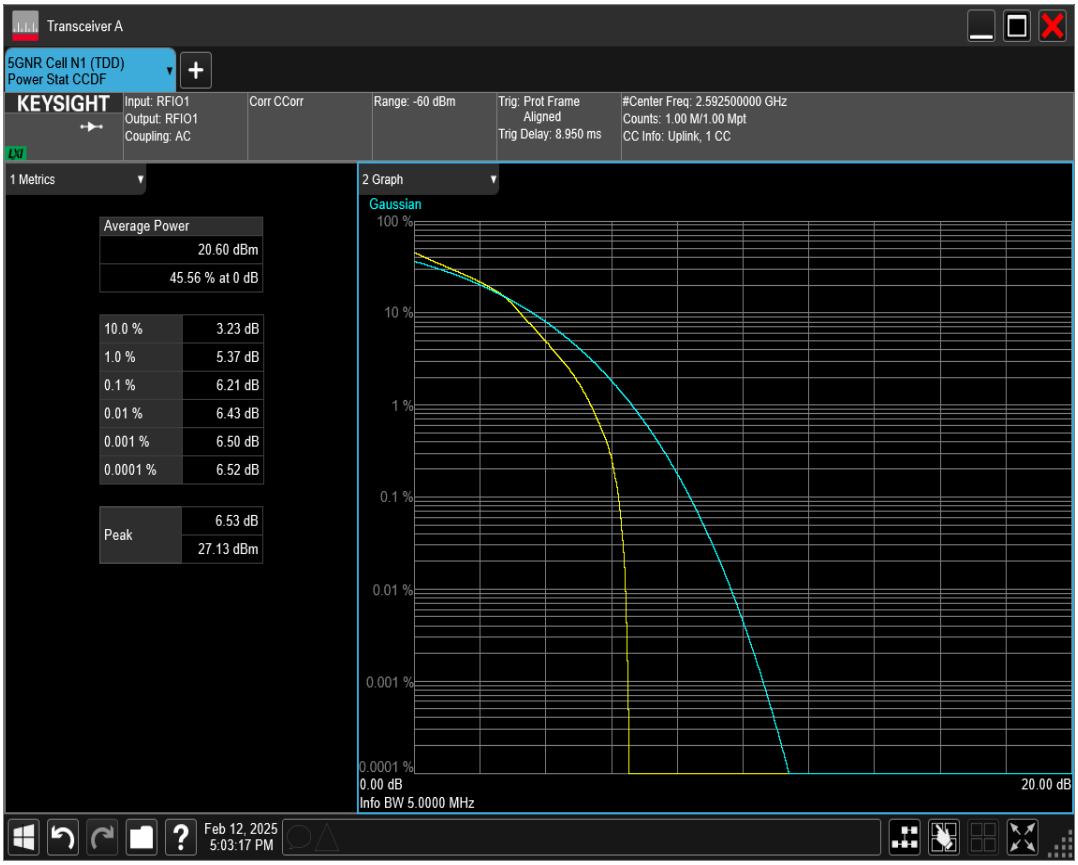
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=518500 RB=25@0



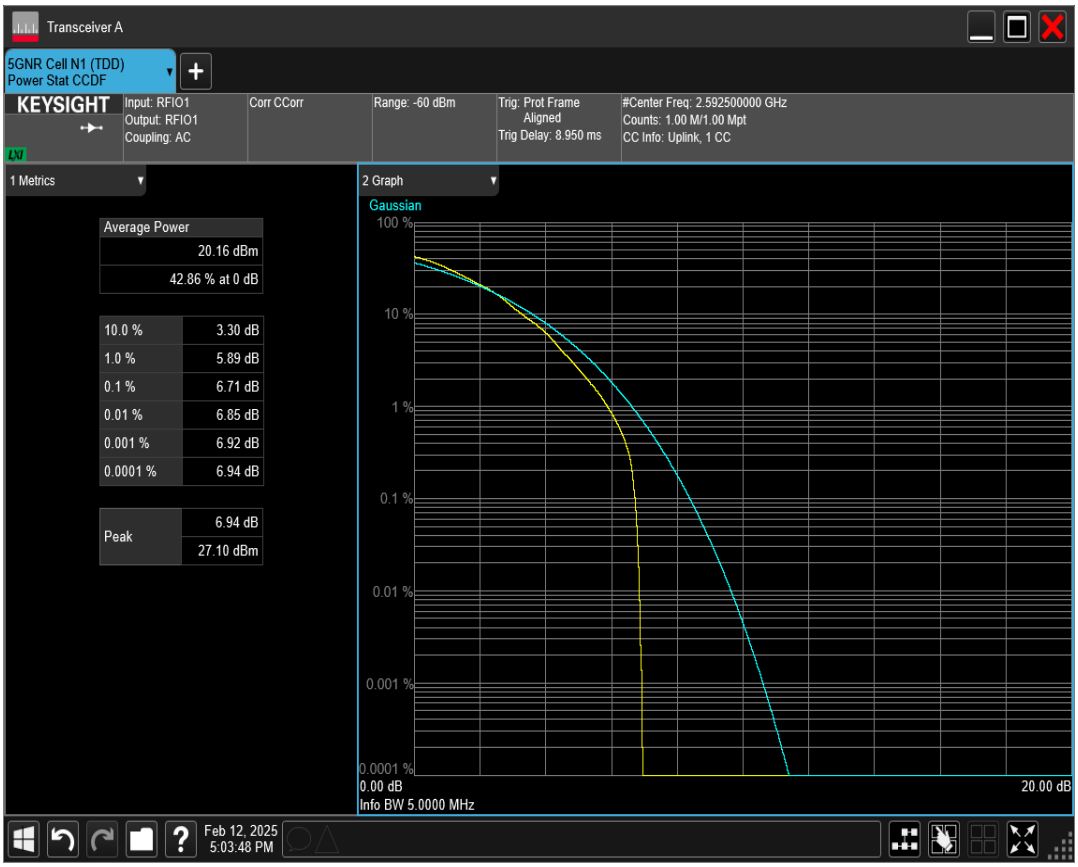
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=518500 RB=25@0



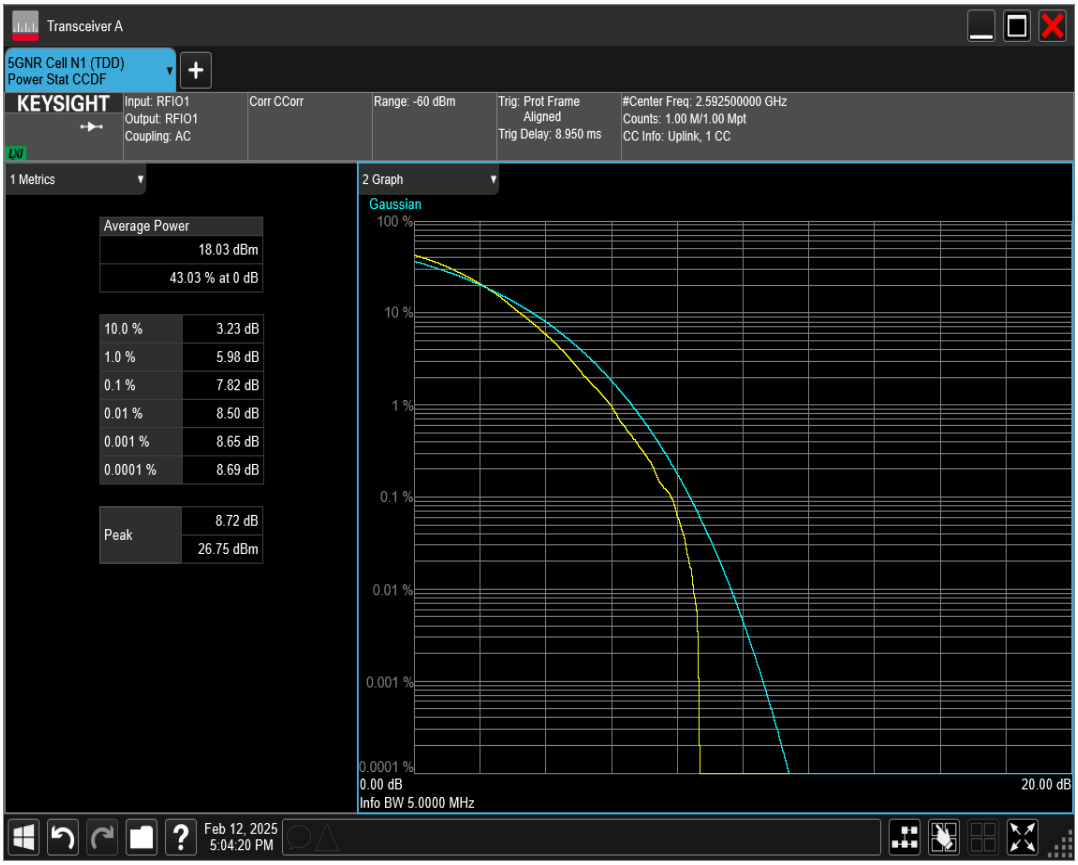
n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=518500 RB=25@0



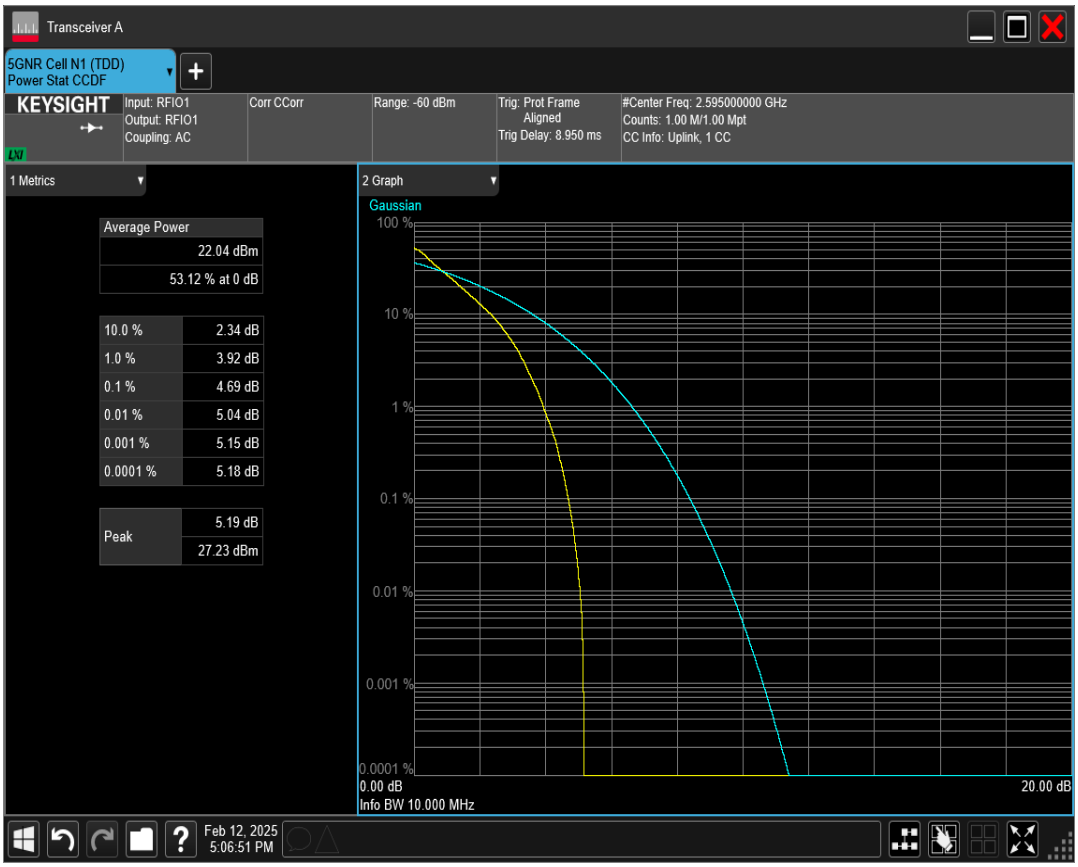
n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=518500 RB=25@0



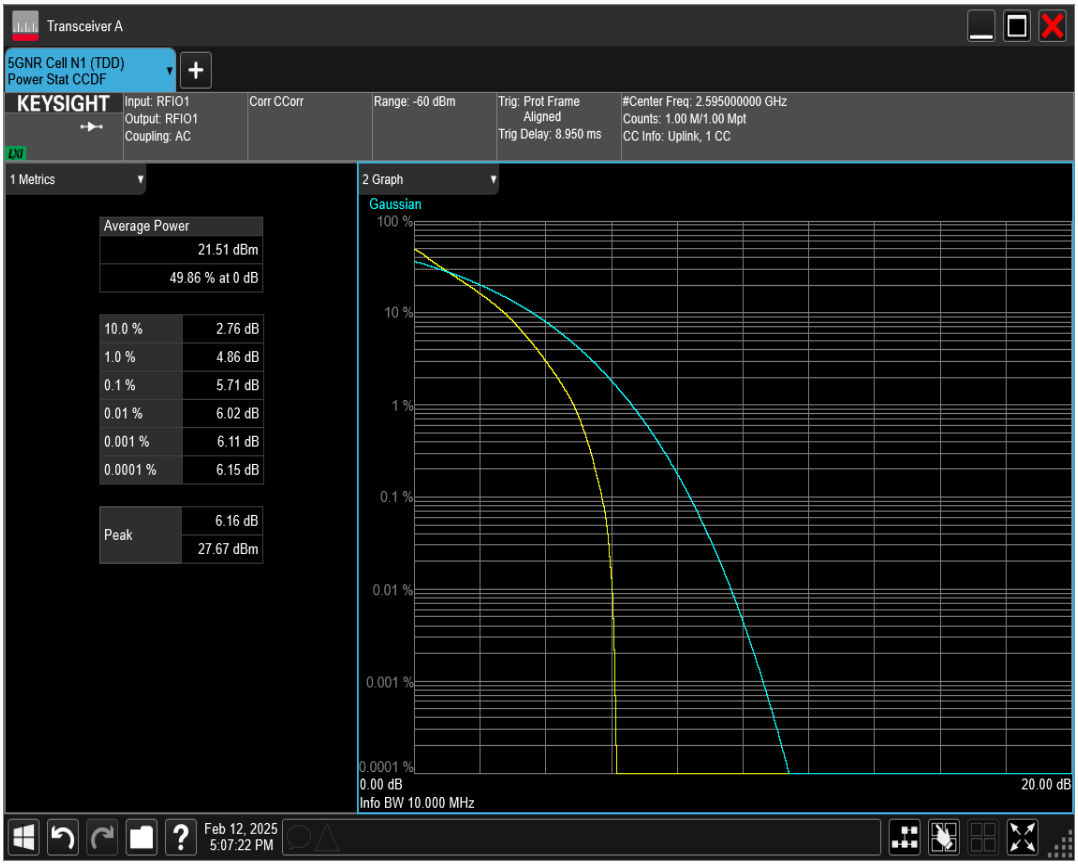
n38 SCS=15kHz DFT_QAM256 BW=5MHz Channel=518500 RB=25@0



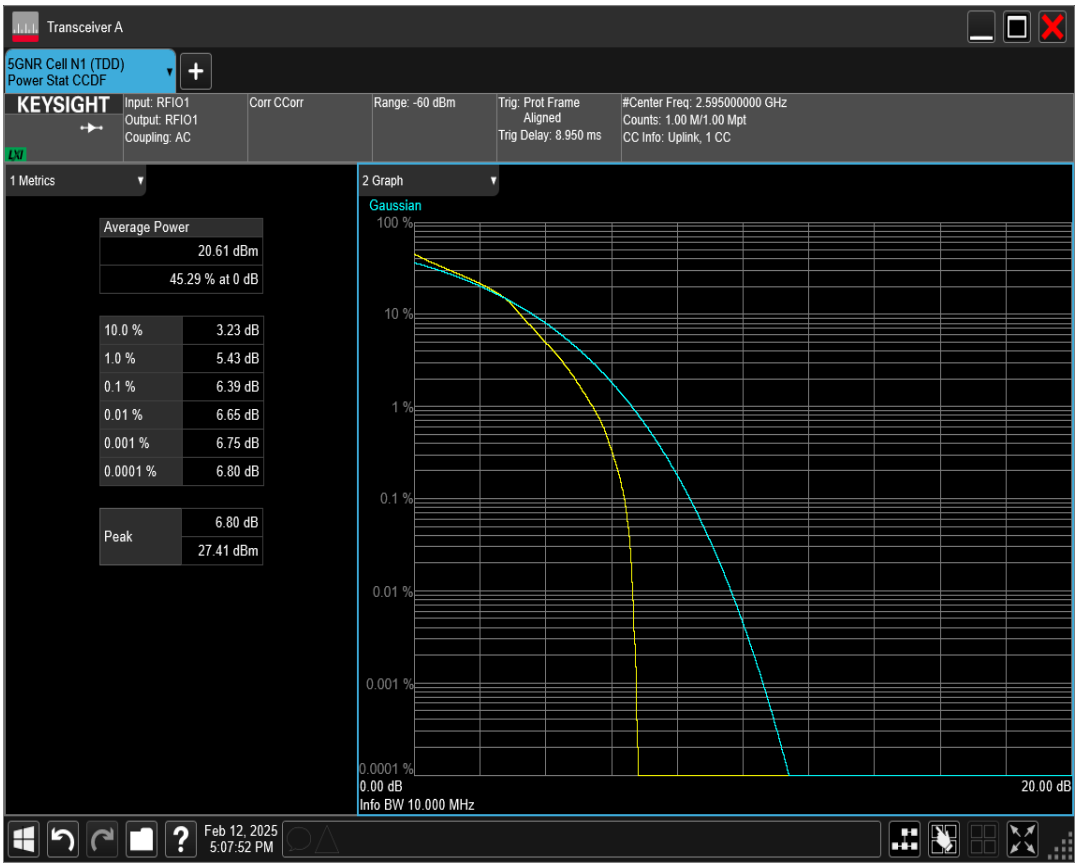
n38 SCS=15kHz DFT_BPSK BW=10MHz Channel=519000 RB=50@0



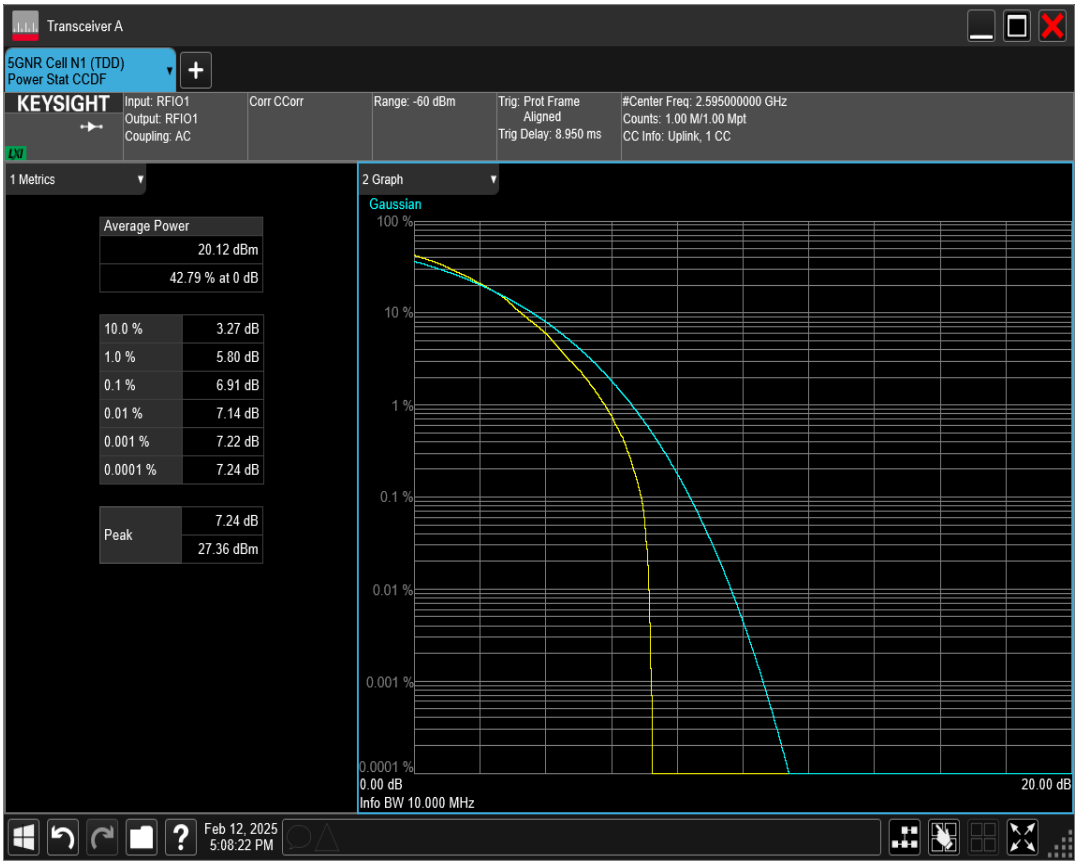
n38 SCS=15kHz DFT_QPSK BW=10MHz Channel=519000 RB=50@0



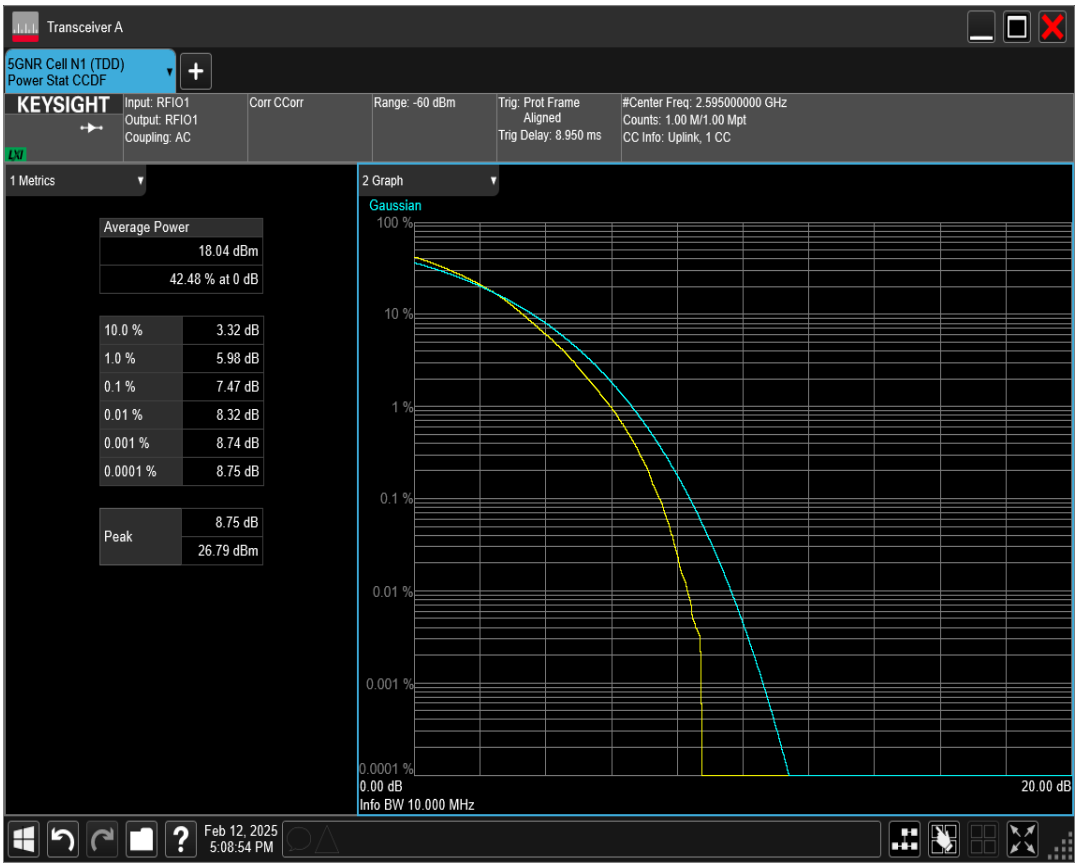
n38 SCS=15kHz DFT_QAM16 BW=10MHz Channel=519000 RB=50@0



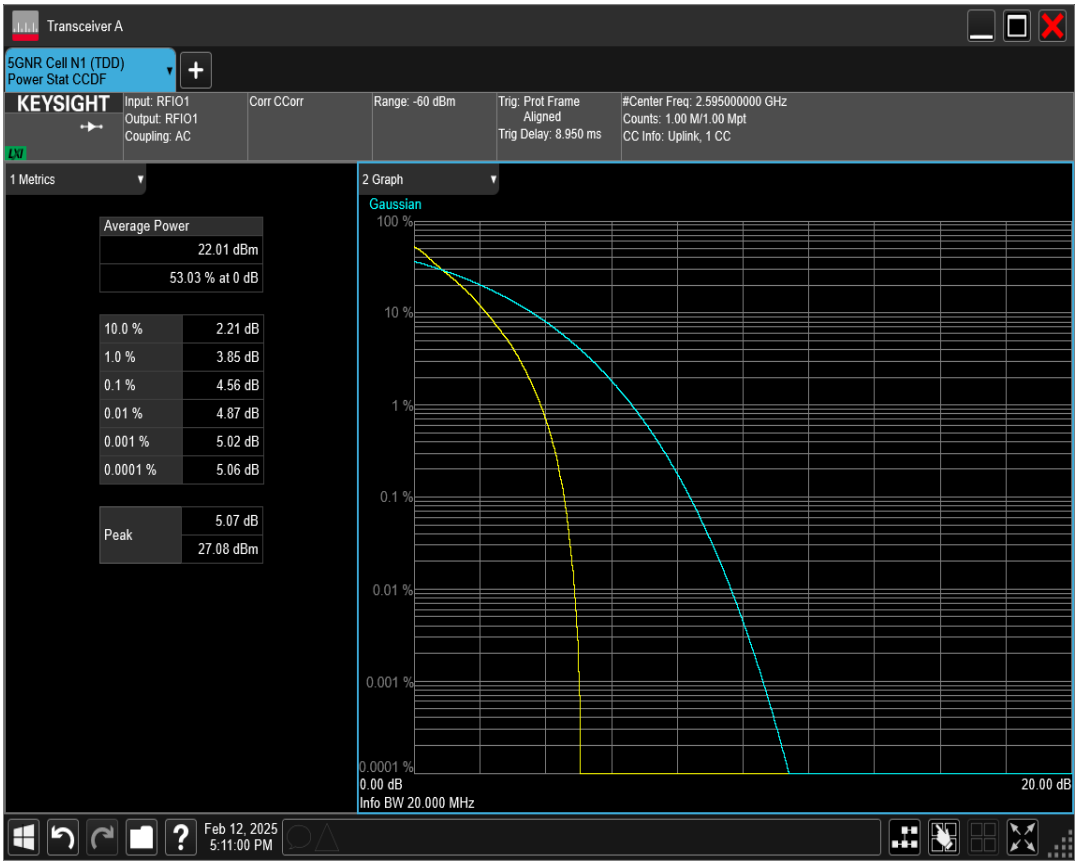
n38 SCS=15kHz DFT_QAM64 BW=10MHz Channel=519000 RB=50@0



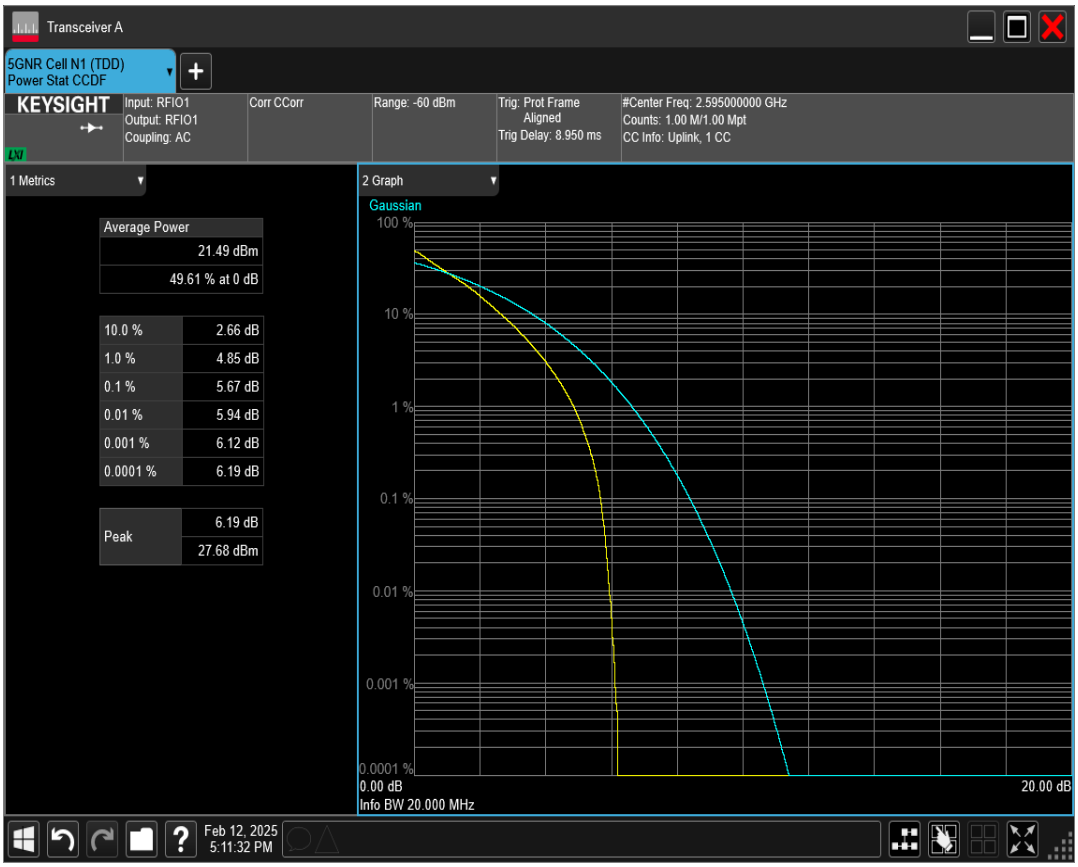
n38 SCS=15kHz DFT_QAM256 BW=10MHz Channel=519000 RB=50@0



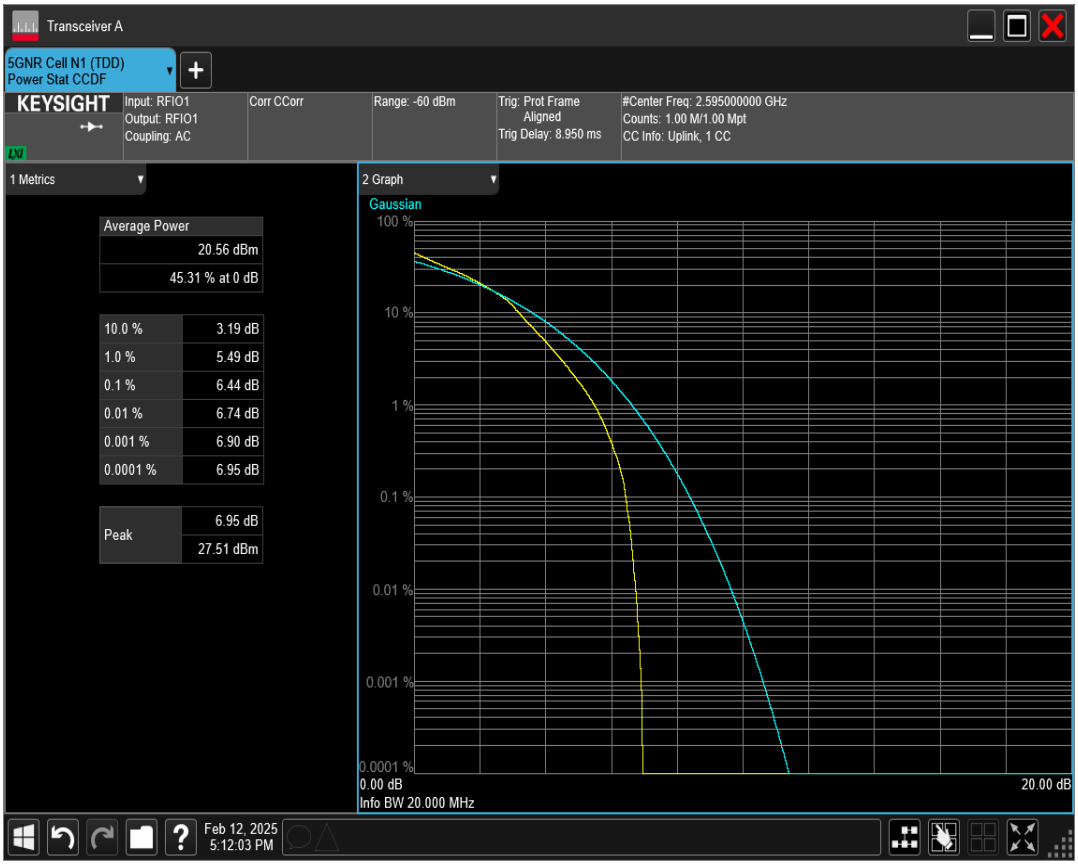
n38 SCS=15kHz DFT_BPSK BW=15MHz Channel=519000 RB=75@0



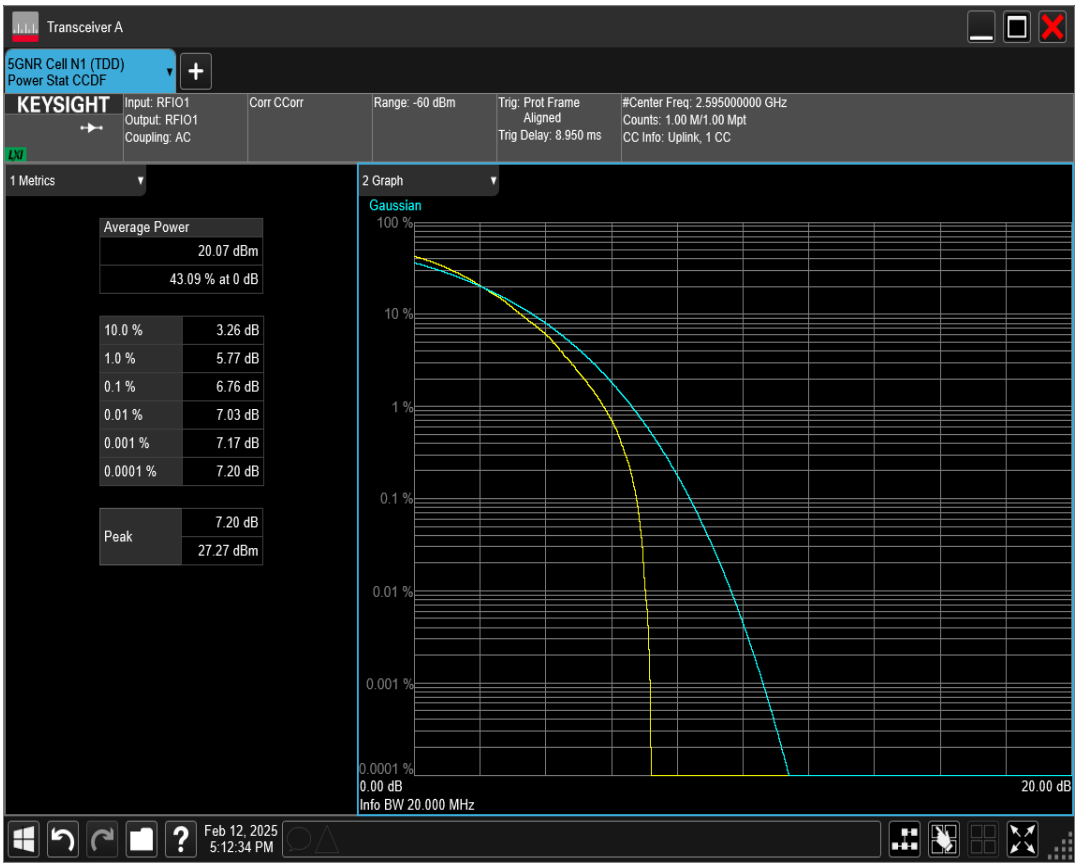
n38 SCS=15kHz DFT_QPSK BW=15MHz Channel=519000 RB=75@0



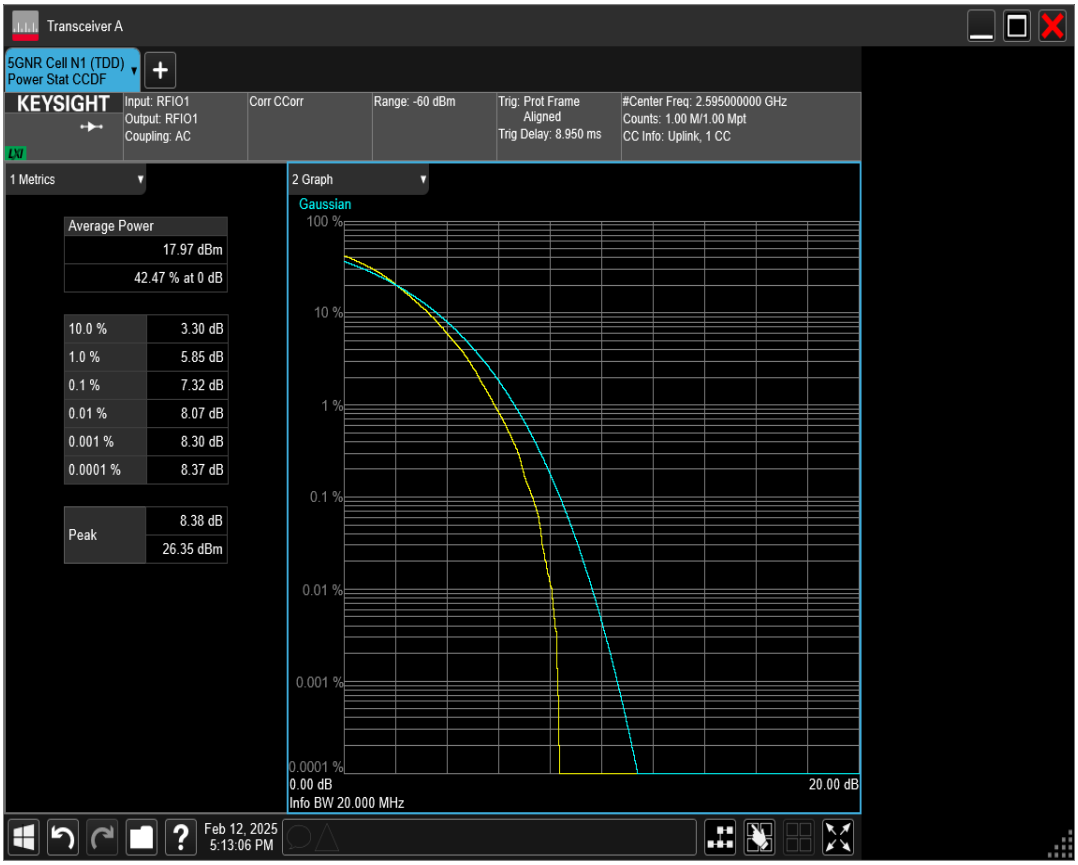
n38 SCS=15kHz DFT_QAM16 BW=15MHz Channel=519000 RB=75@0



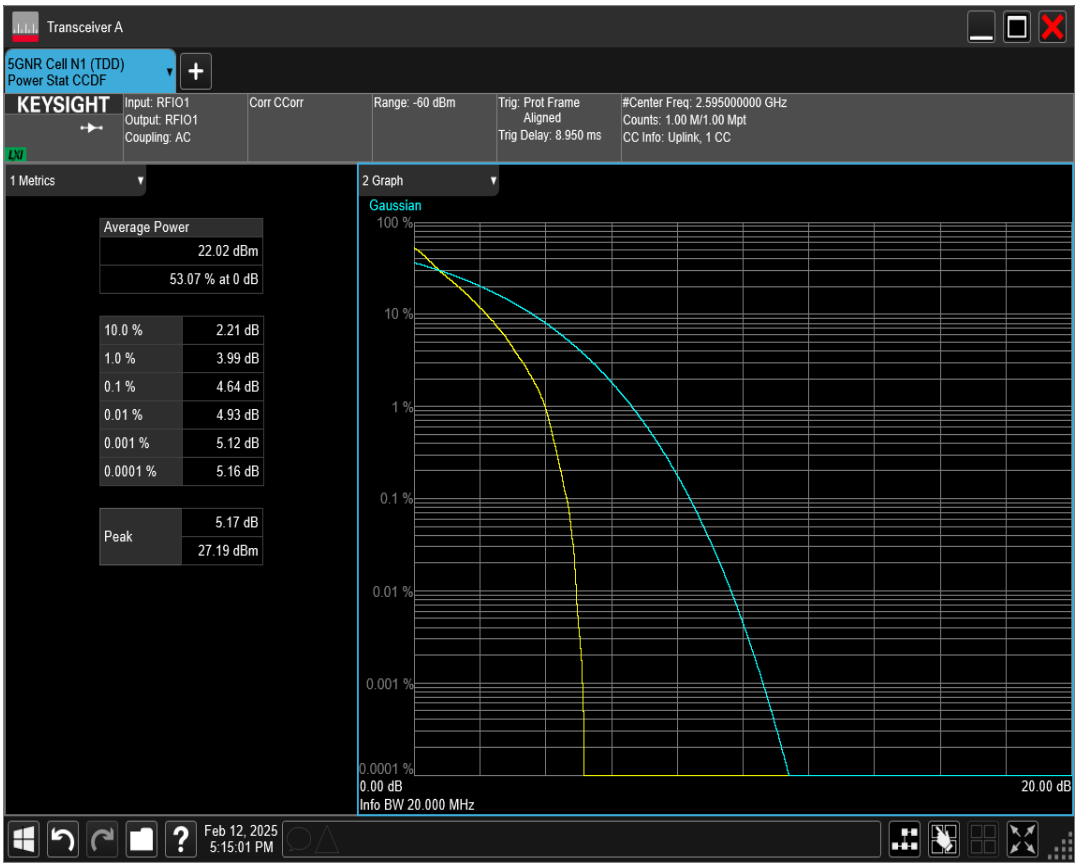
n38 SCS=15kHz DFT_QAM64 BW=15MHz Channel=519000 RB=75@0



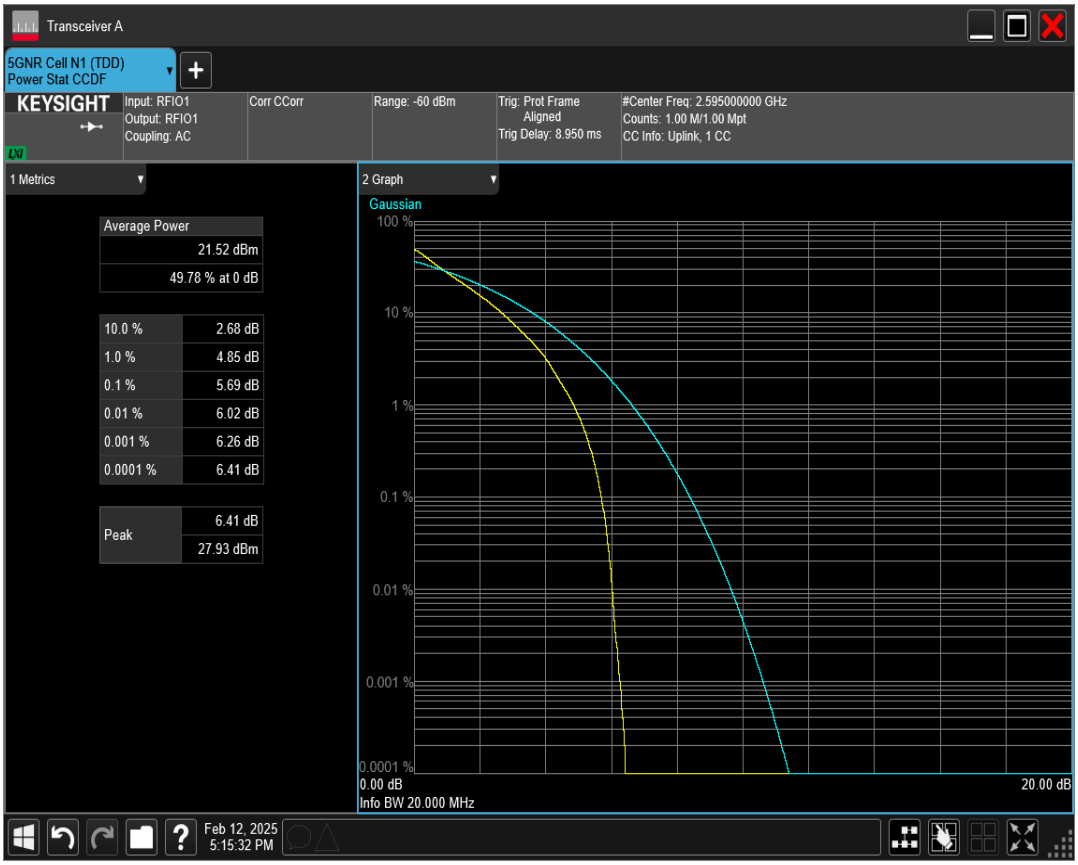
n38 SCS=15kHz DFT_QAM256 BW=15MHz Channel=519000 RB=75@0



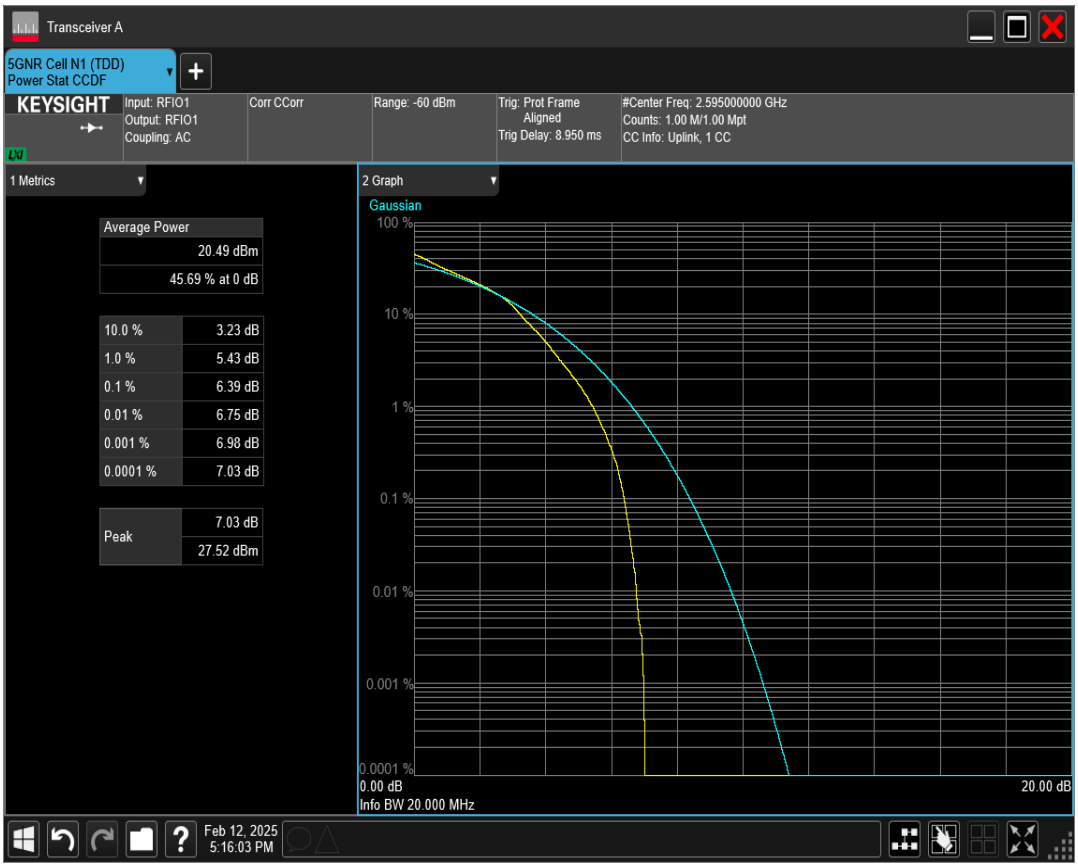
n38 SCS=15kHz DFT_BPSK BW=20MHz Channel=519000 RB=100@0



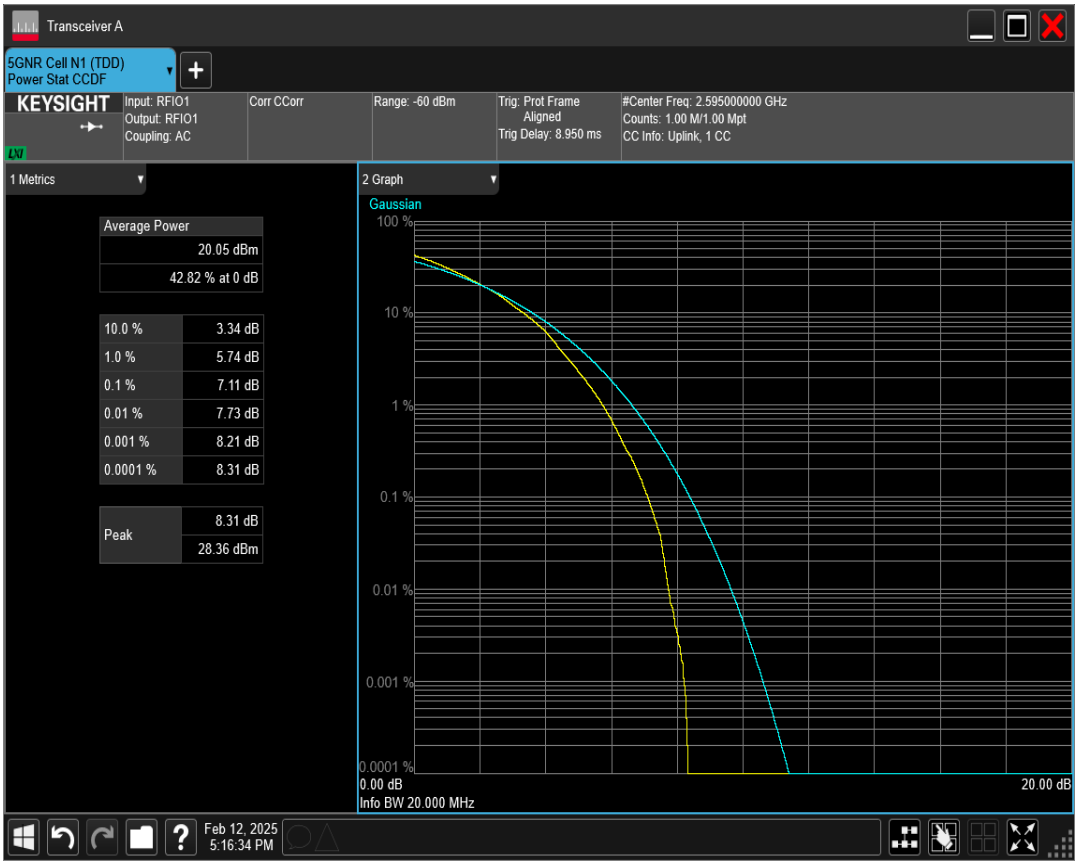
n38 SCS=15kHz DFT_QPSK BW=20MHz Channel=519000 RB=100@0



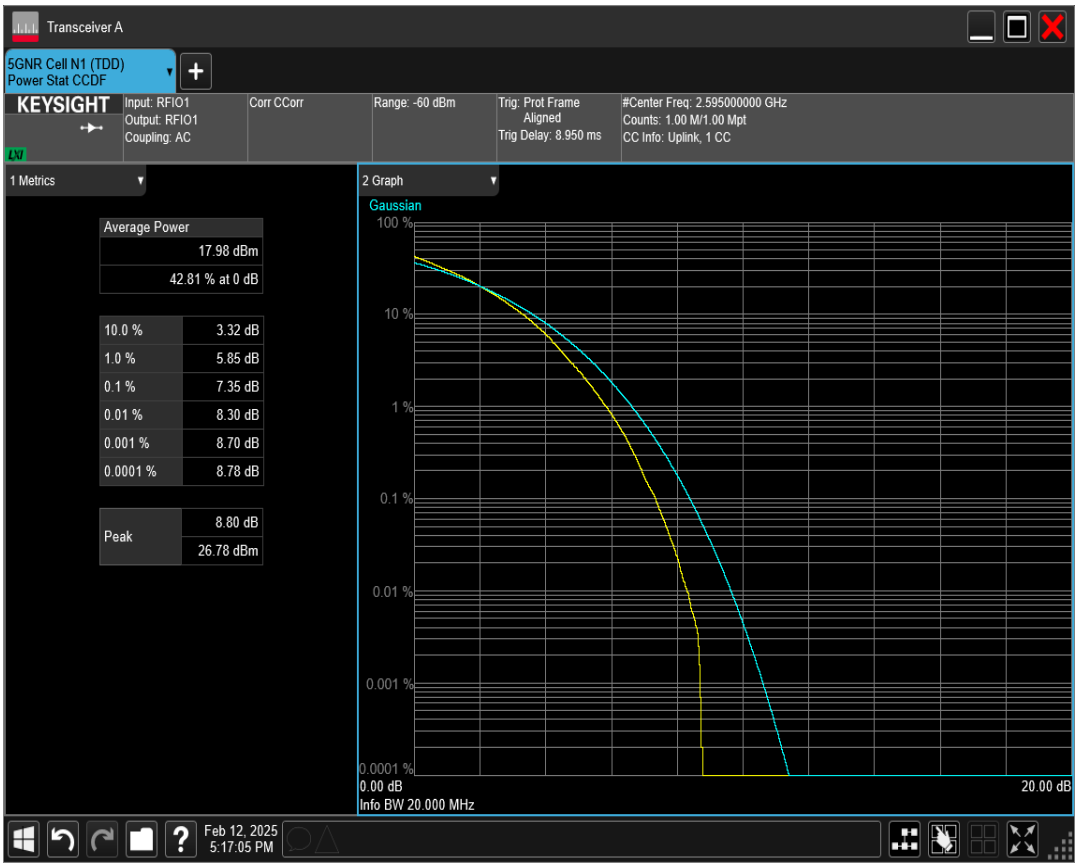
n38 SCS=15kHz DFT_QAM16 BW=20MHz Channel=519000 RB=100@0



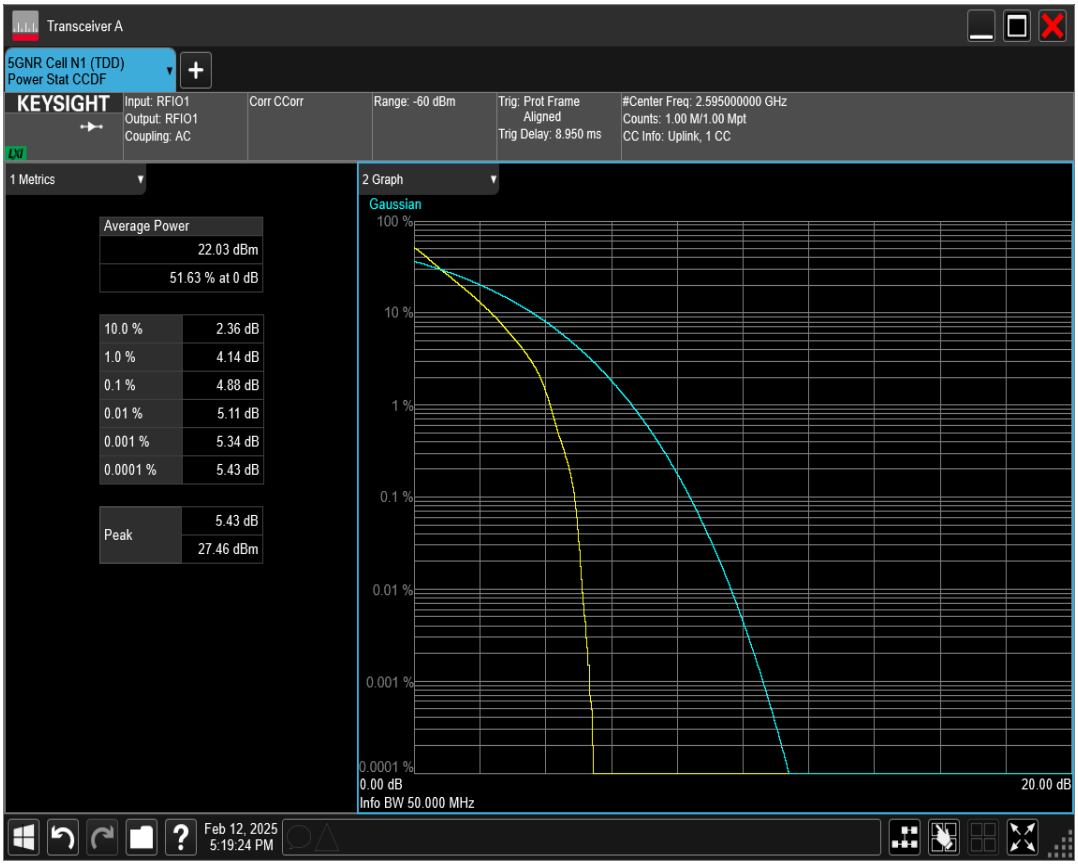
n38 SCS=15kHz DFT_QAM64 BW=20MHz Channel=519000 RB=100@0



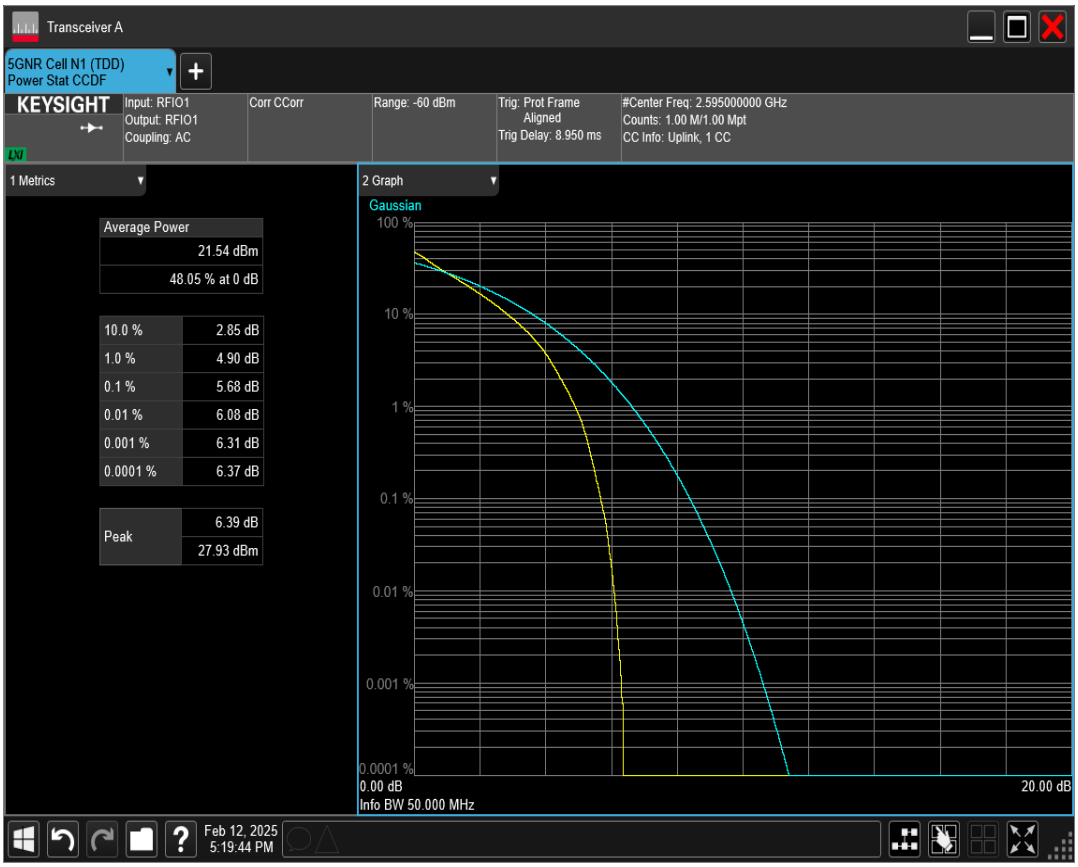
n38 SCS=15kHz DFT_QAM256 BW=20MHz Channel=519000 RB=100@0



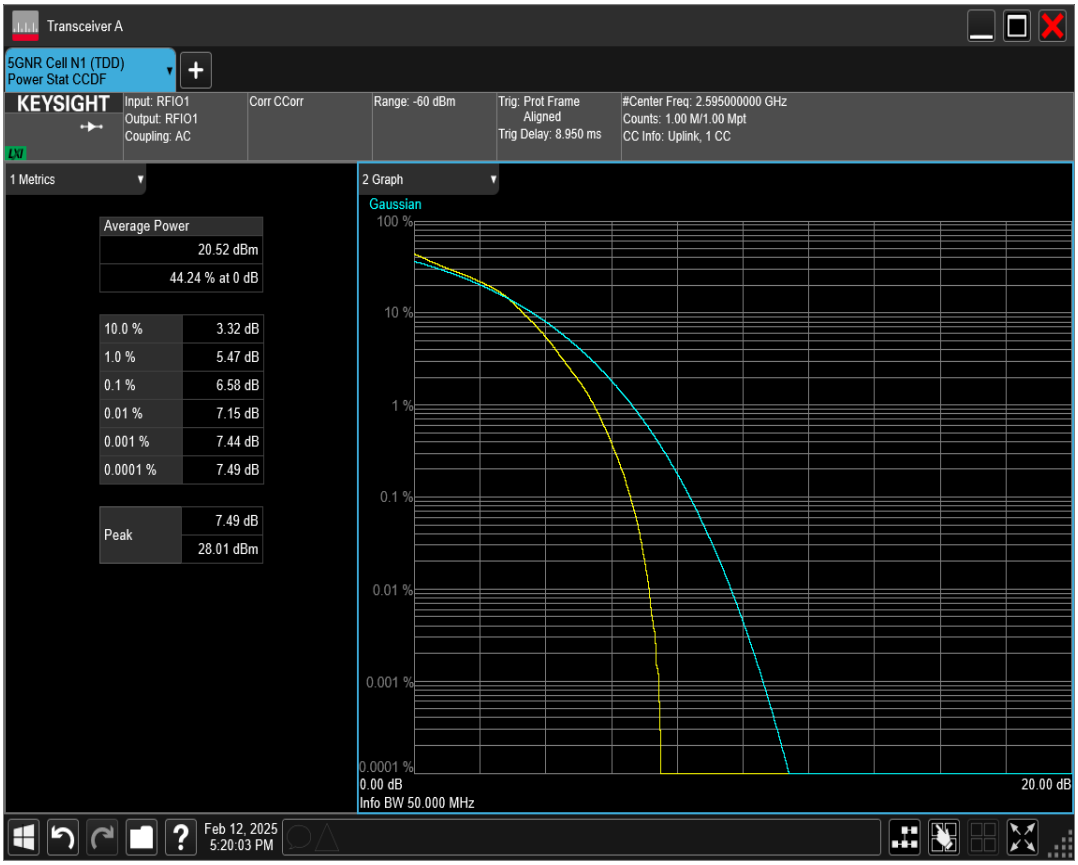
n38 SCS=15kHz DFT_BPSK BW=40MHz Channel=519000 RB=216@0



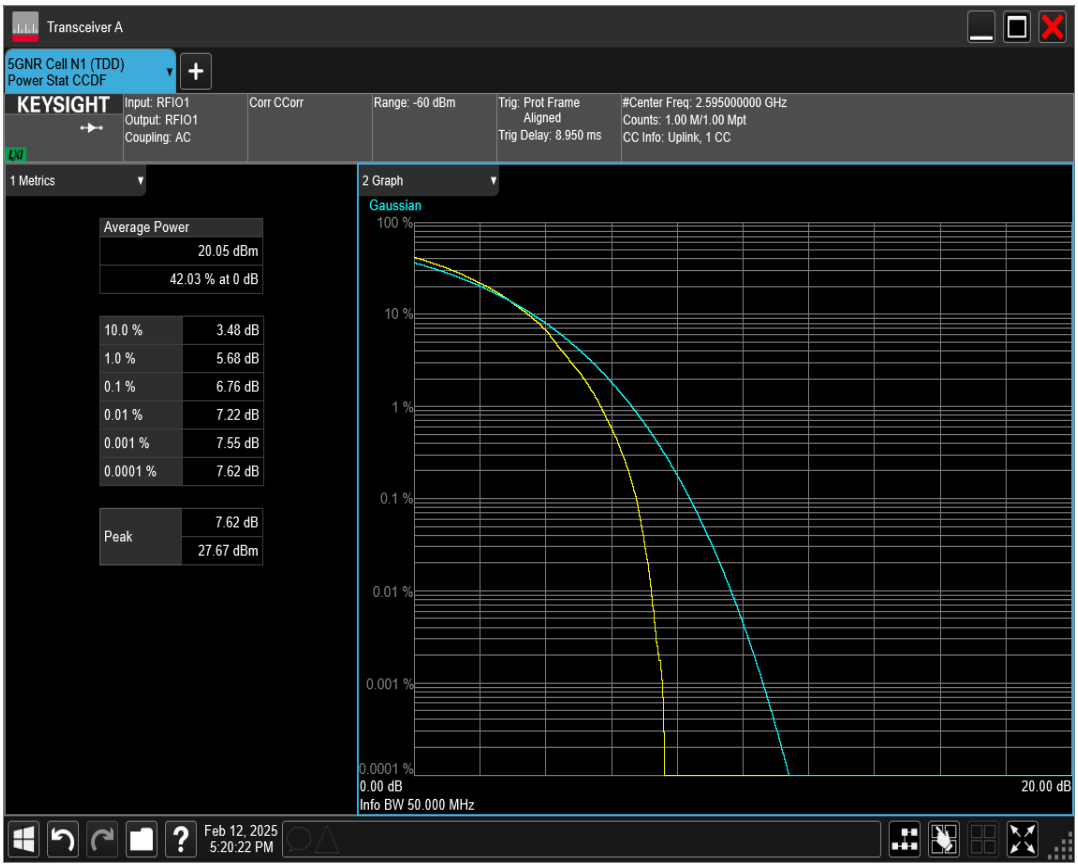
n38 SCS=15kHz DFT_QPSK BW=40MHz Channel=519000 RB=216@0



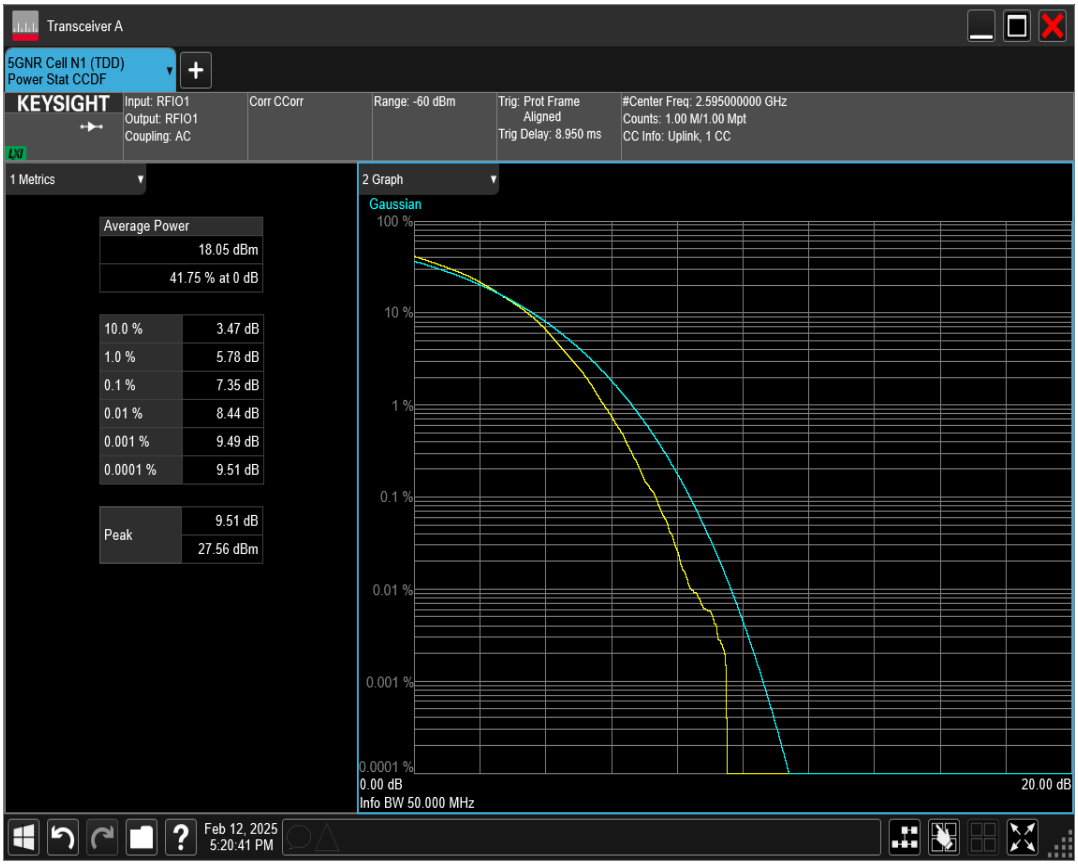
n38 SCS=15kHz DFT_QAM16 BW=40MHz Channel=519000 RB=216@0



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



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



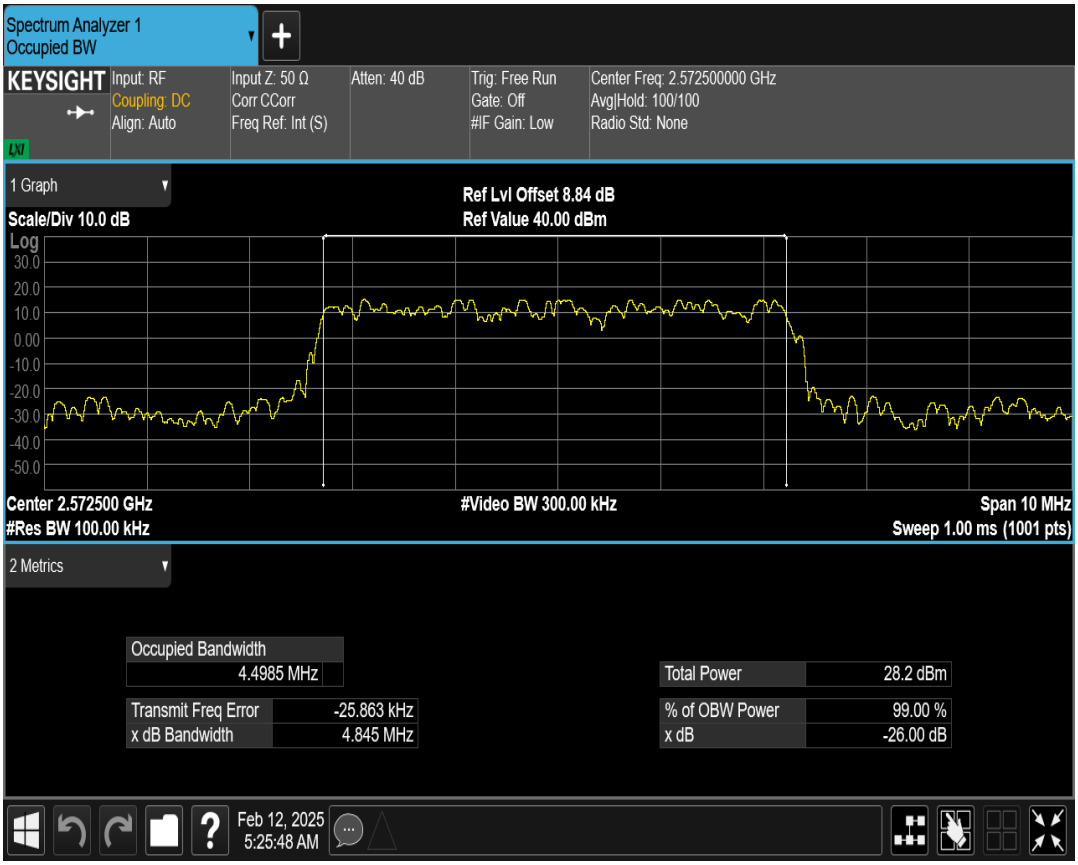
4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n38	15	5	514500	25@0	DFT_BPSK	4.498	4.845	PASS
n38	15	5	514500	25@0	DFT_QPSK	4.487	4.782	PASS
n38	15	5	514500	25@0	DFT_QAM16	4.501	4.842	PASS
n38	15	5	514500	25@0	DFT_QAM64	4.483	4.880	PASS
n38	15	5	514500	25@0	DFT_QAM256	4.506	4.778	PASS
n38	15	5	514500	25@0	CP_QPSK	4.517	4.805	PASS
n38	15	5	518500	25@0	DFT_BPSK	4.465	4.750	PASS
n38	15	5	518500	25@0	DFT_QPSK	4.495	4.856	PASS
n38	15	5	518500	25@0	DFT_QAM16	4.502	4.820	PASS
n38	15	5	518500	25@0	DFT_QAM64	4.474	4.816	PASS
n38	15	5	518500	25@0	DFT_QAM256	4.488	4.753	PASS
n38	15	5	518500	25@0	CP_QPSK	4.484	4.803	PASS
n38	15	5	523500	25@0	DFT_BPSK	4.508	4.753	PASS
n38	15	5	523500	25@0	DFT_QPSK	4.493	4.833	PASS
n38	15	5	523500	25@0	DFT_QAM16	4.452	4.810	PASS
n38	15	5	523500	25@0	DFT_QAM64	4.480	4.769	PASS
n38	15	5	523500	25@0	DFT_QAM256	4.490	4.790	PASS
n38	15	5	523500	25@0	CP_QPSK	4.489	4.744	PASS
n38	15	10	515000	50@0	DFT_BPSK	8.973	9.448	PASS
n38	15	10	515000	50@0	DFT_QPSK	8.965	9.446	PASS
n38	15	10	515000	50@0	DFT_QAM16	8.953	9.428	PASS
n38	15	10	515000	50@0	DFT_QAM64	8.979	9.464	PASS
n38	15	10	515000	50@0	DFT_QAM256	8.979	9.451	PASS
n38	15	10	515000	52@0	CP_QPSK	9.282	9.953	PASS
n38	15	10	519000	50@0	DFT_BPSK	8.943	9.474	PASS
n38	15	10	519000	50@0	DFT_QPSK	9.038	9.438	PASS
n38	15	10	519000	50@0	DFT_QAM16	8.955	9.454	PASS
n38	15	10	519000	50@0	DFT_QAM64	8.984	9.477	PASS
n38	15	10	519000	50@0	DFT_QAM256	8.977	9.411	PASS
n38	15	10	519000	52@0	CP_QPSK	9.266	9.814	PASS
n38	15	10	523000	50@0	DFT_BPSK	8.964	9.492	PASS
n38	15	10	523000	50@0	DFT_QPSK	8.973	9.476	PASS
n38	15	10	523000	50@0	DFT_QAM16	8.981	9.455	PASS
n38	15	10	523000	50@0	DFT_QAM64	8.910	9.394	PASS
n38	15	10	523000	50@0	DFT_QAM256	8.970	9.452	PASS
n38	15	10	523000	52@0	CP_QPSK	9.271	9.801	PASS
n38	15	15	515500	75@0	DFT_BPSK	13.538	14.162	PASS
n38	15	15	515500	75@0	DFT_QPSK	13.421	14.065	PASS
n38	15	15	515500	75@0	DFT_QAM16	13.506	14.144	PASS

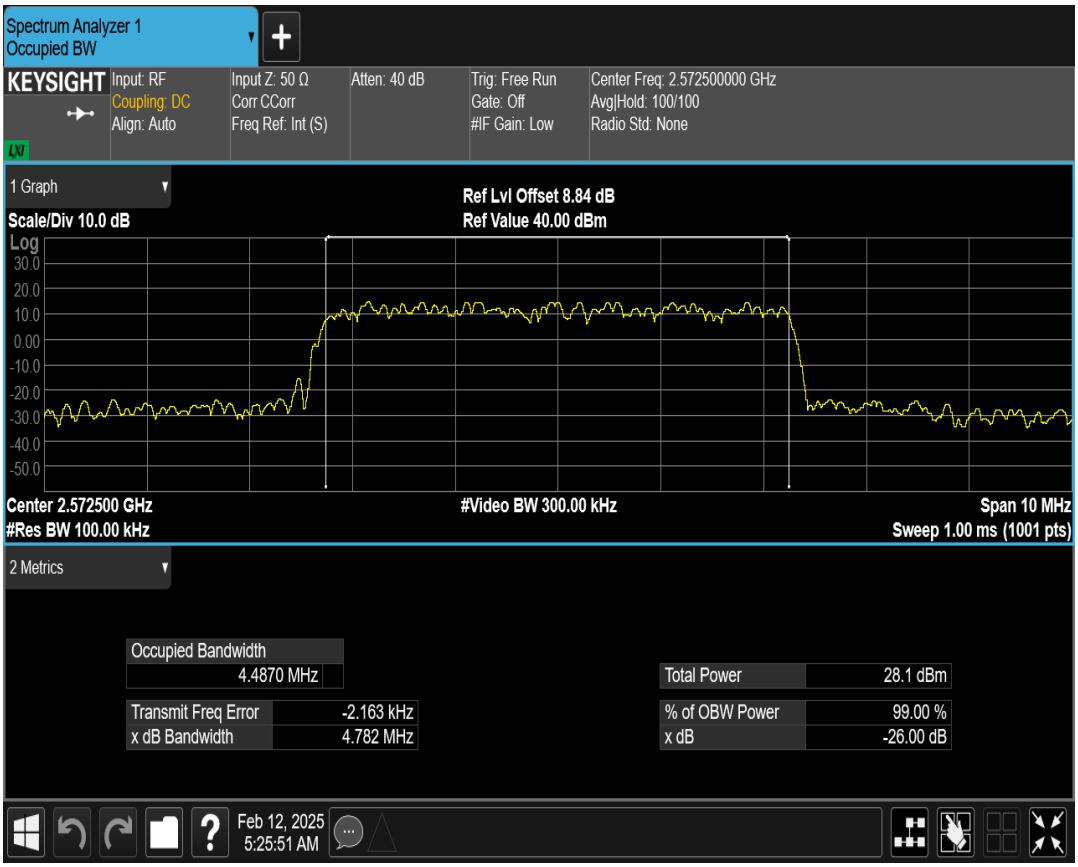
n38	15	15	515500	75@0	DFT_QAM64	13.437	14.169	PASS
n38	15	15	515500	75@0	DFT_QAM256	13.530	14.171	PASS
n38	15	15	515500	79@0	CP_QPSK	14.157	14.889	PASS
n38	15	15	519000	75@0	DFT_BPSK	13.563	14.120	PASS
n38	15	15	519000	75@0	DFT_QPSK	13.504	14.150	PASS
n38	15	15	519000	75@0	DFT_QAM16	13.484	14.214	PASS
n38	15	15	519000	75@0	DFT_QAM64	13.432	14.112	PASS
n38	15	15	519000	75@0	DFT_QAM256	13.515	14.167	PASS
n38	15	15	519000	79@0	CP_QPSK	14.222	14.803	PASS
n38	15	15	522500	75@0	DFT_BPSK	13.460	14.188	PASS
n38	15	15	522500	75@0	DFT_QPSK	13.486	14.135	PASS
n38	15	15	522500	75@0	DFT_QAM16	13.352	14.209	PASS
n38	15	15	522500	75@0	DFT_QAM64	13.470	14.134	PASS
n38	15	15	522500	75@0	DFT_QAM256	13.514	14.091	PASS
n38	15	15	522500	79@0	CP_QPSK	14.158	14.841	PASS
n38	15	20	516000	100@0	DFT_BPSK	17.848	18.924	PASS
n38	15	20	516000	100@0	DFT_QPSK	17.955	18.921	PASS
n38	15	20	516000	100@0	DFT_QAM16	17.952	18.848	PASS
n38	15	20	516000	100@0	DFT_QAM64	18.059	18.939	PASS
n38	15	20	516000	100@0	DFT_QAM256	17.872	18.764	PASS
n38	15	20	516000	106@0	CP_QPSK	18.921	20.021	PASS
n38	15	20	519000	100@0	DFT_BPSK	17.944	18.950	PASS
n38	15	20	519000	100@0	DFT_QPSK	18.054	18.941	PASS
n38	15	20	519000	100@0	DFT_QAM16	18.040	18.778	PASS
n38	15	20	519000	100@0	DFT_QAM64	17.847	18.873	PASS
n38	15	20	519000	100@0	DFT_QAM256	17.957	18.906	PASS
n38	15	20	519000	106@0	CP_QPSK	18.939	20.027	PASS
n38	15	20	522000	100@0	DFT_BPSK	17.883	18.847	PASS
n38	15	20	522000	100@0	DFT_QPSK	17.968	18.976	PASS
n38	15	20	522000	100@0	DFT_QAM16	17.998	18.933	PASS
n38	15	20	522000	100@0	DFT_QAM64	17.910	18.903	PASS
n38	15	20	522000	100@0	DFT_QAM256	17.990	18.884	PASS
n38	15	20	522000	106@0	CP_QPSK	18.972	20.048	PASS
n38	15	40	518000	216@0	DFT_BPSK	38.701	40.572	PASS
n38	15	40	518000	216@0	DFT_QPSK	38.721	40.648	PASS
n38	15	40	518000	216@0	DFT_QAM16	38.595	40.667	PASS
n38	15	40	518000	216@0	DFT_QAM64	38.642	40.625	PASS
n38	15	40	518000	216@0	DFT_QAM256	38.699	40.568	PASS
n38	15	40	518000	216@0	CP_QPSK	38.658	40.613	PASS
n38	15	40	519000	216@0	DFT_BPSK	38.812	40.682	PASS
n38	15	40	519000	216@0	DFT_QPSK	38.597	40.417	PASS
n38	15	40	519000	216@0	DFT_QAM16	38.675	40.601	PASS
n38	15	40	519000	216@0	DFT_QAM64	38.723	40.647	PASS

n38	15	40	519000	216@0	DFT_QAM256	38.548	40.731	PASS
n38	15	40	519000	216@0	CP_QPSK	38.461	40.526	PASS
n38	15	40	520000	216@0	DFT_BPSK	38.644	40.518	PASS
n38	15	40	520000	216@0	DFT_QPSK	38.604	40.626	PASS
n38	15	40	520000	216@0	DFT_QAM16	38.683	40.598	PASS
n38	15	40	520000	216@0	DFT_QAM64	38.663	40.549	PASS
n38	15	40	520000	216@0	DFT_QAM256	38.752	40.552	PASS
n38	15	40	520000	216@0	CP_QPSK	38.423	40.494	PASS

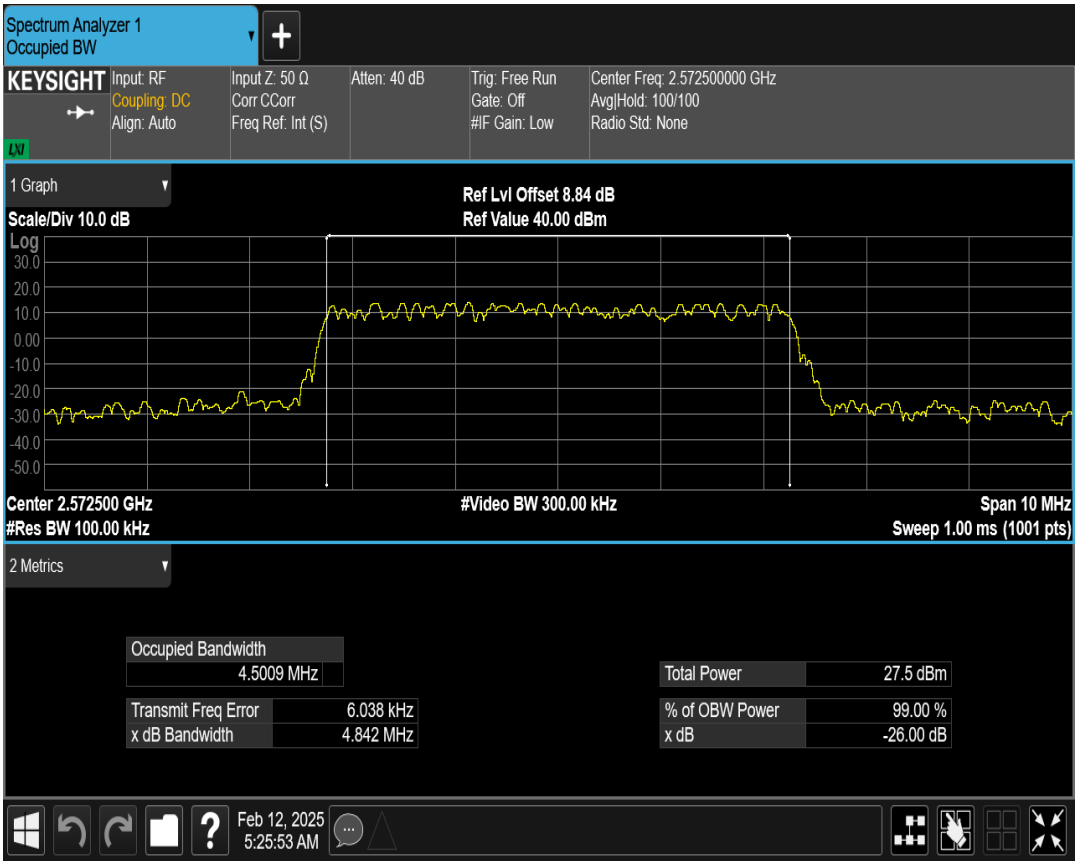
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=514500 RB=25@0



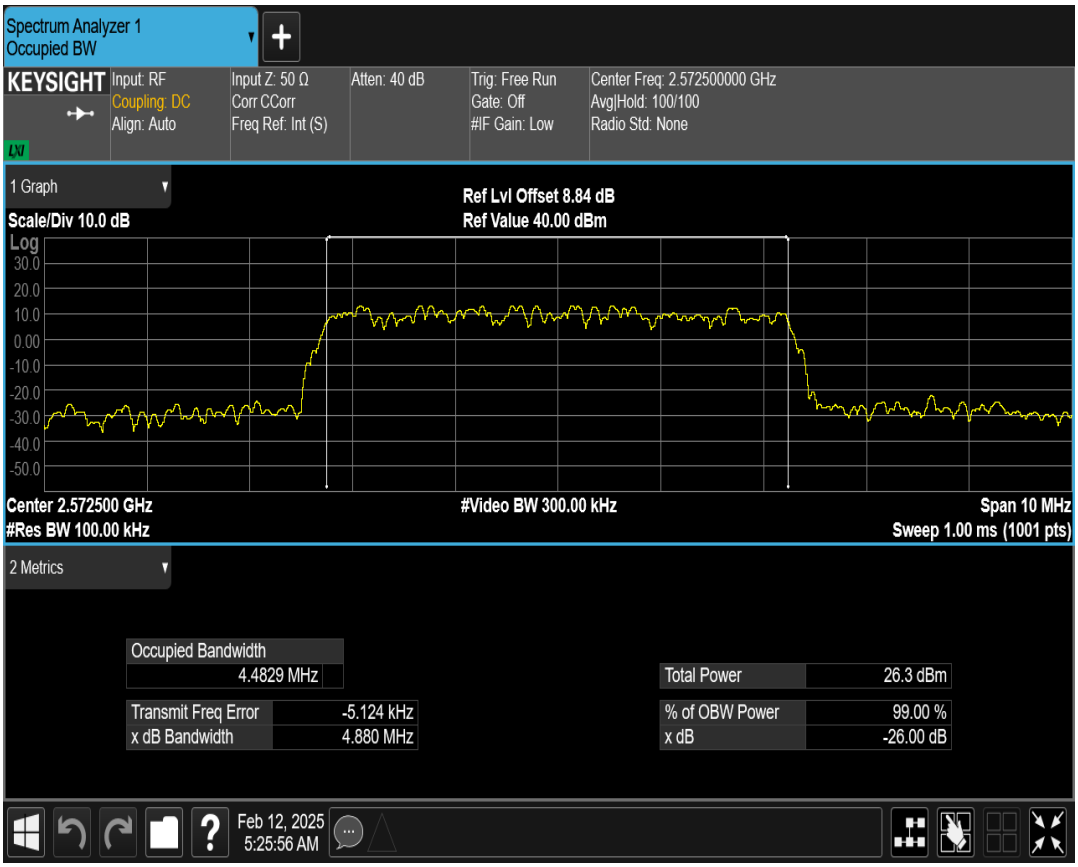
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=514500 RB=25@0



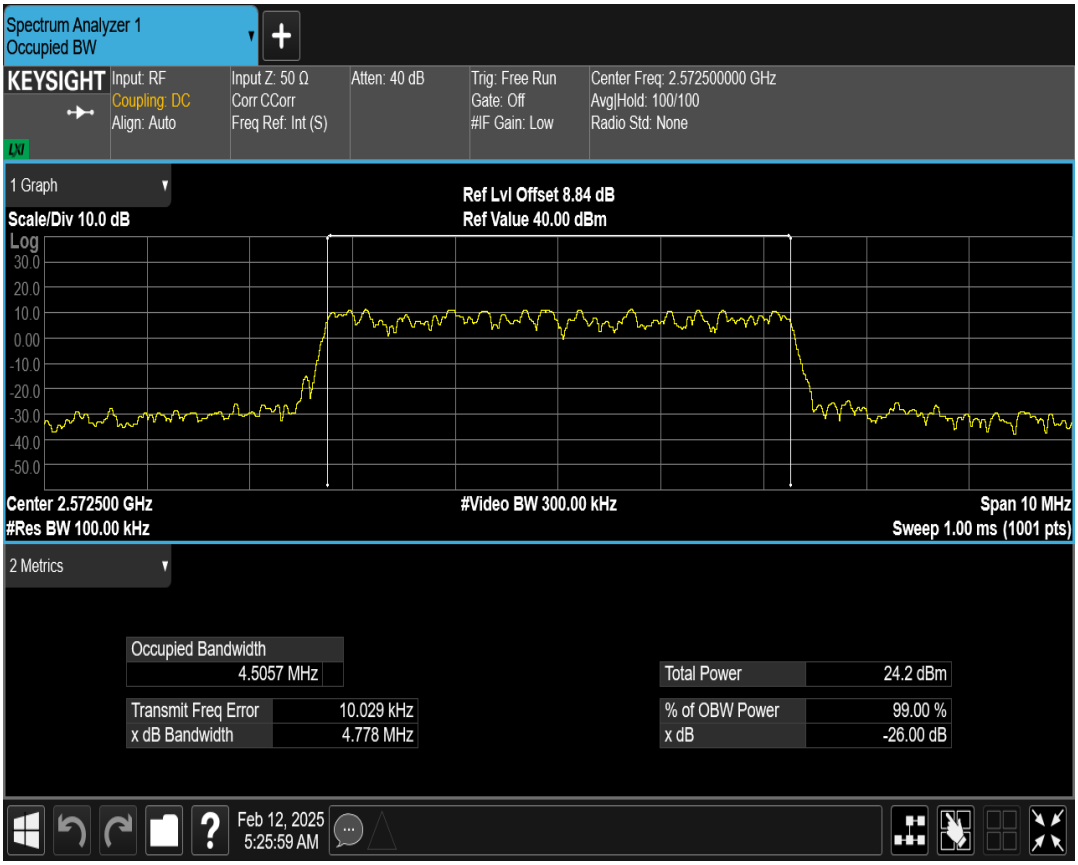
n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=514500 RB=25@0



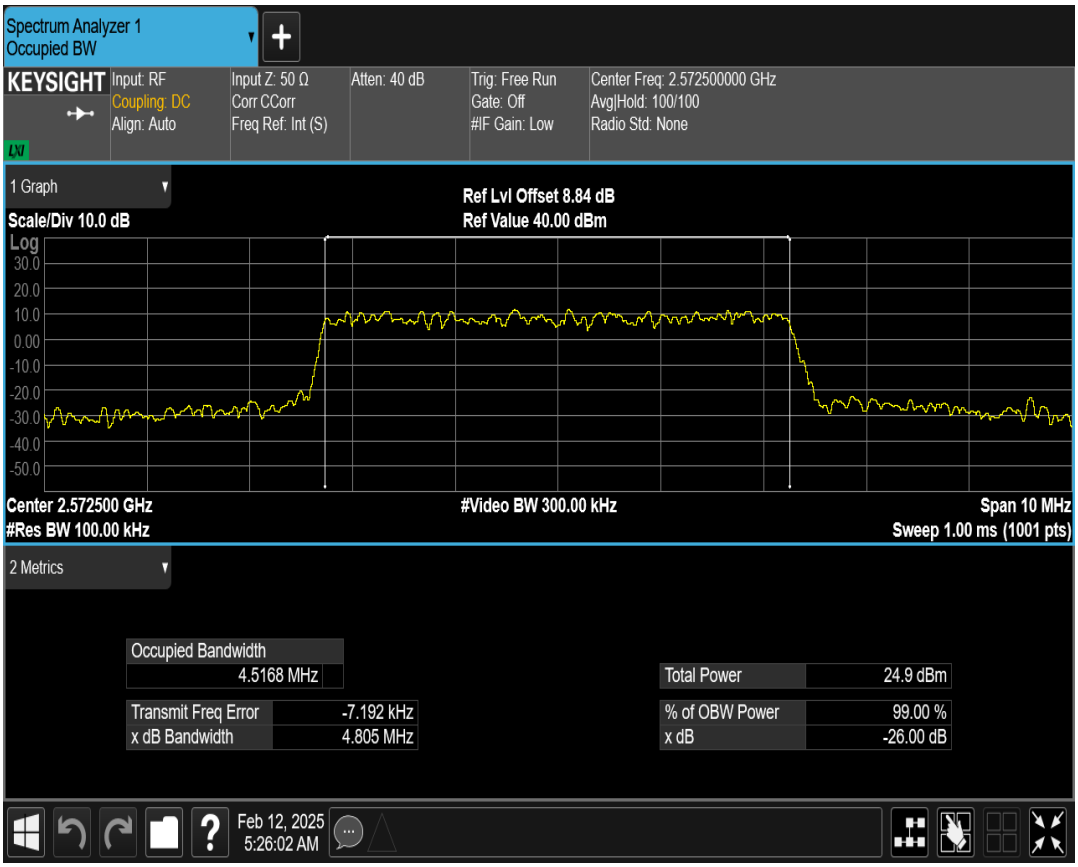
n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=514500 RB=25@0



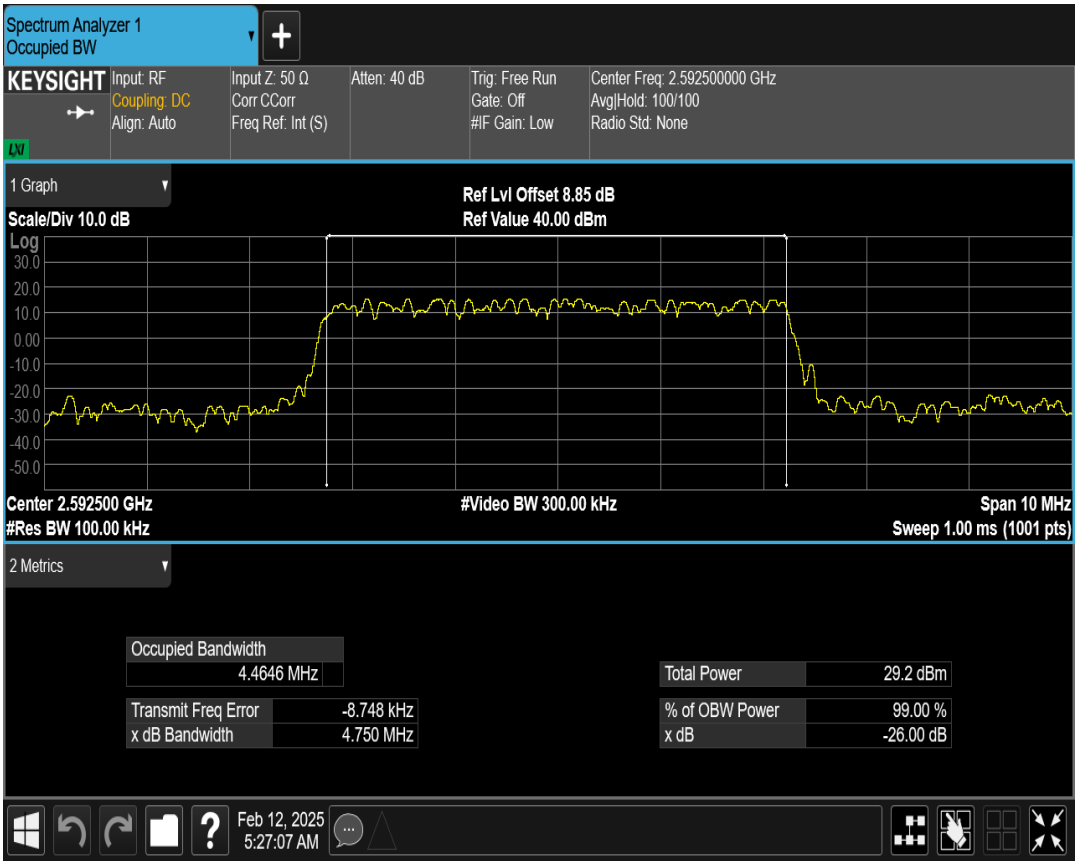
n38 SCS=15kHz DFT_QAM256 BW=5MHz Channel=514500 RB=25@0



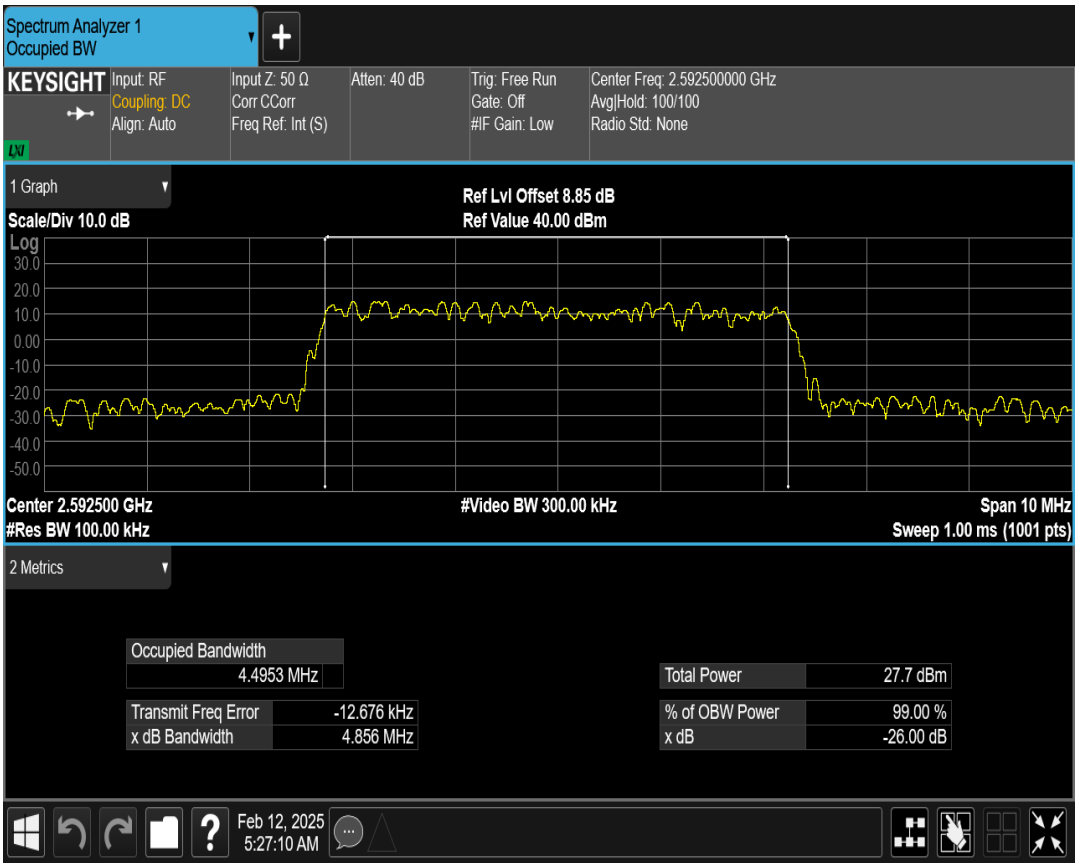
n38 SCS=15kHz CP_QPSK BW=5MHz Channel=514500 RB=25@0



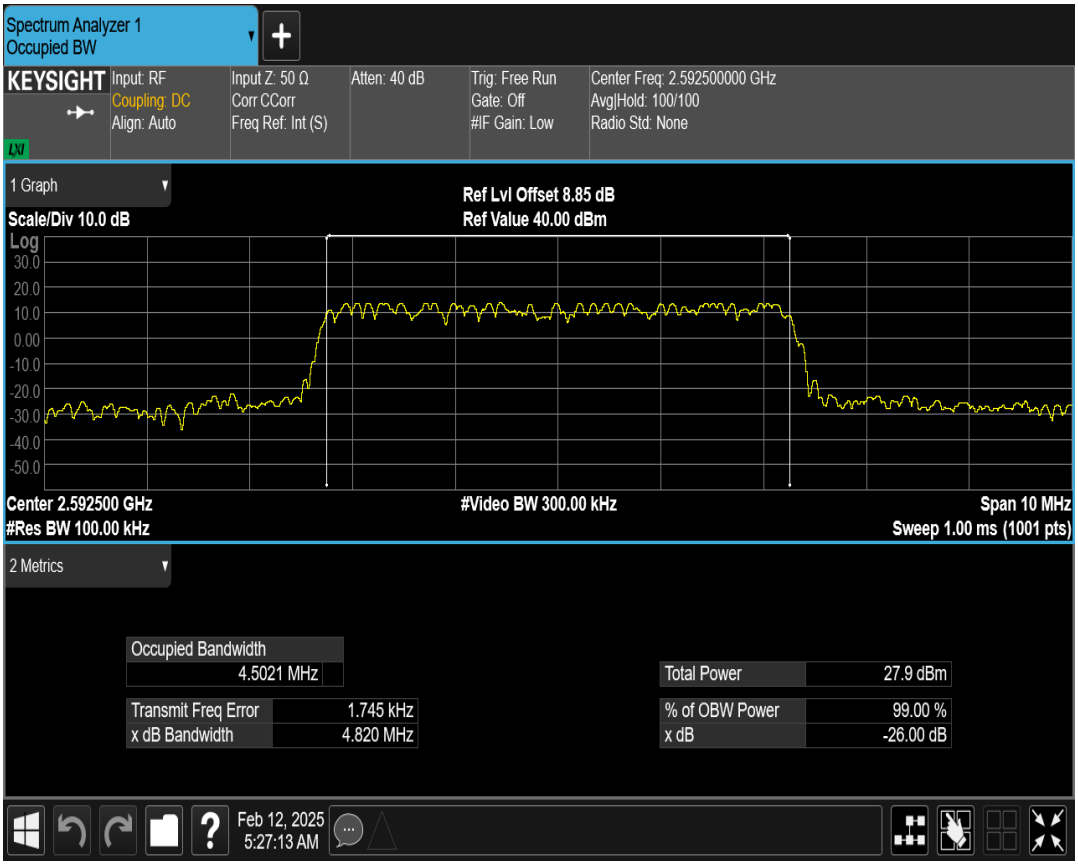
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=518500 RB=25@0



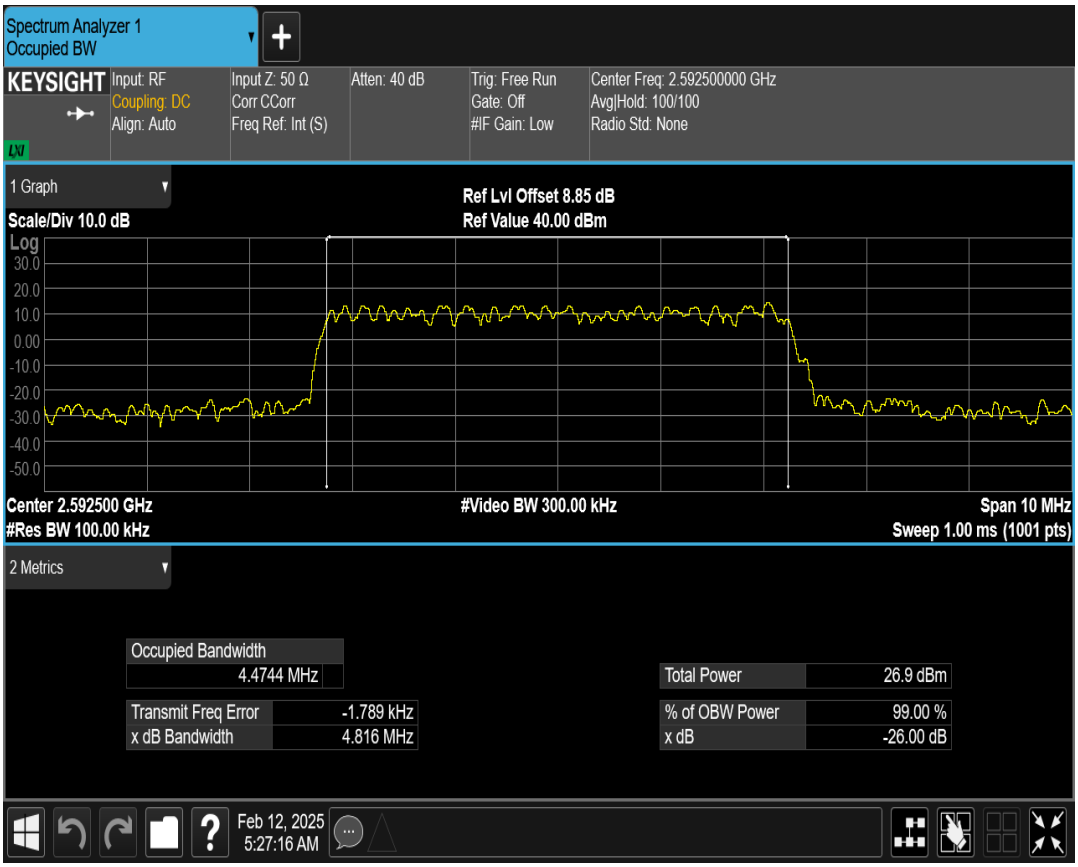
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=518500 RB=25@0



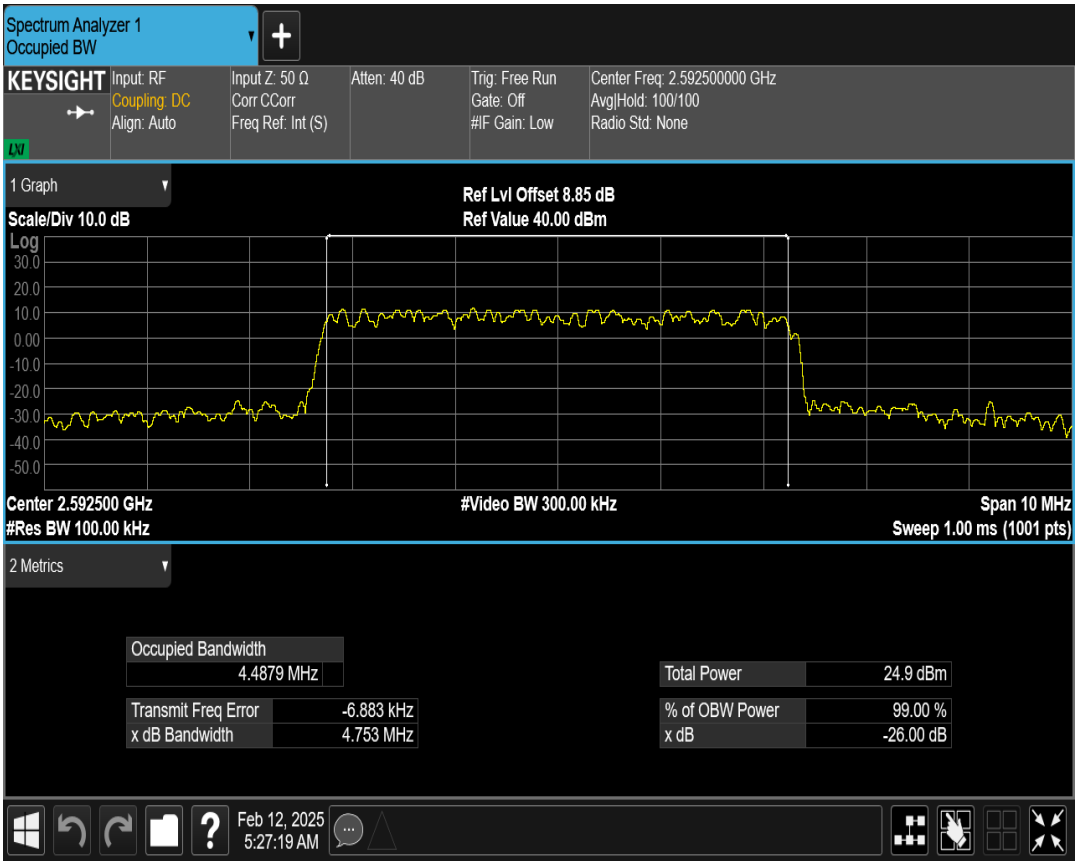
n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=518500 RB=25@0



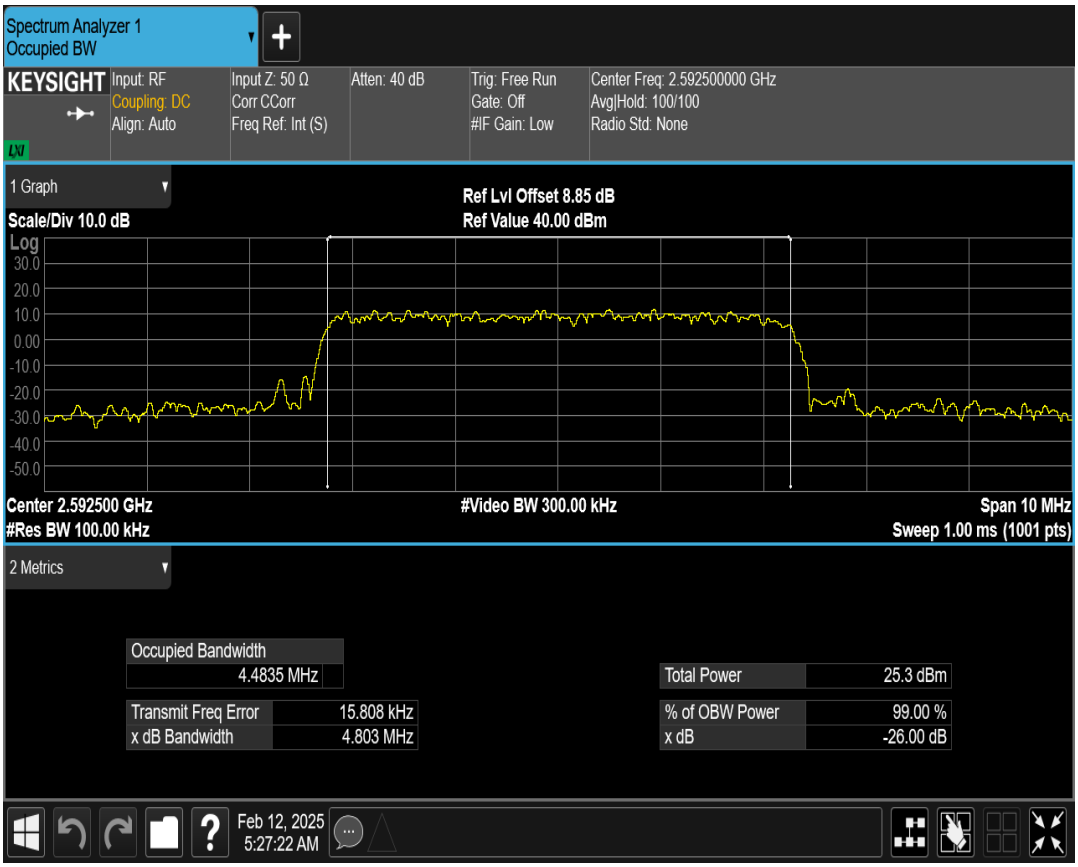
n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=518500 RB=25@0



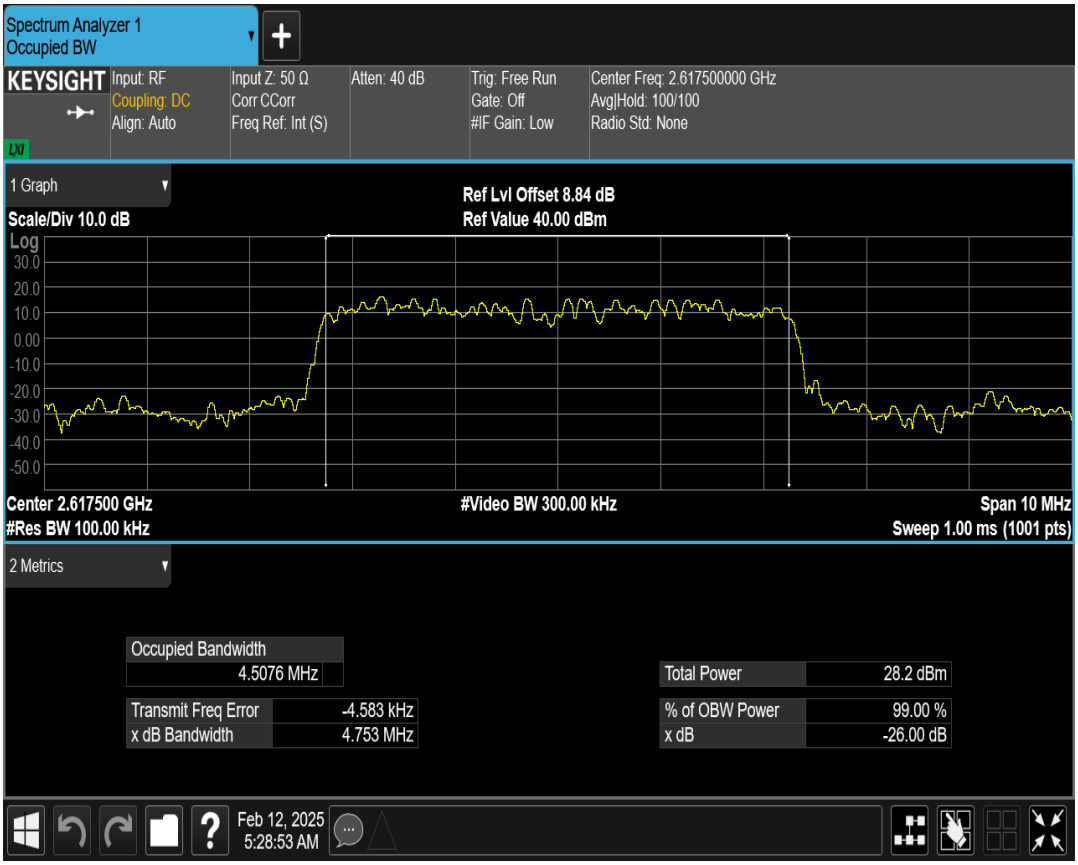
n38 SCS=15kHz DFT_QAM256 BW=5MHz Channel=518500 RB=25@0



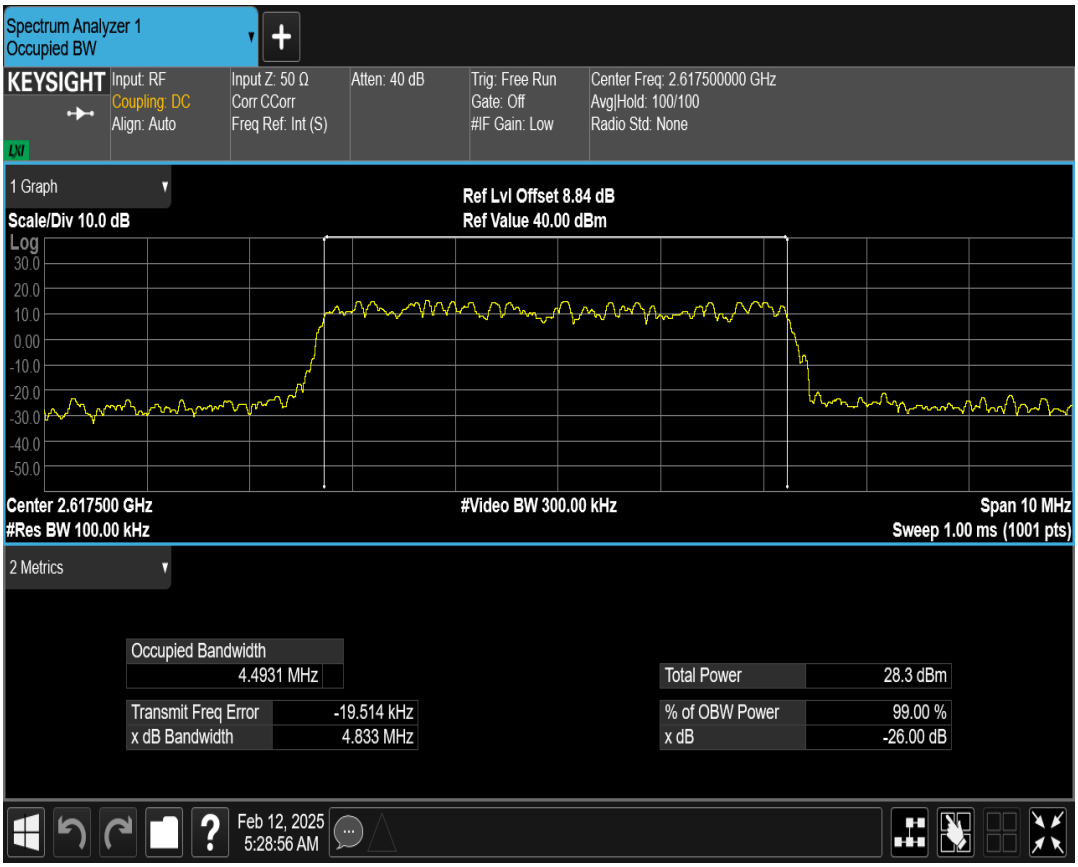
n38 SCS=15kHz CP_QPSK BW=5MHz Channel=518500 RB=25@0



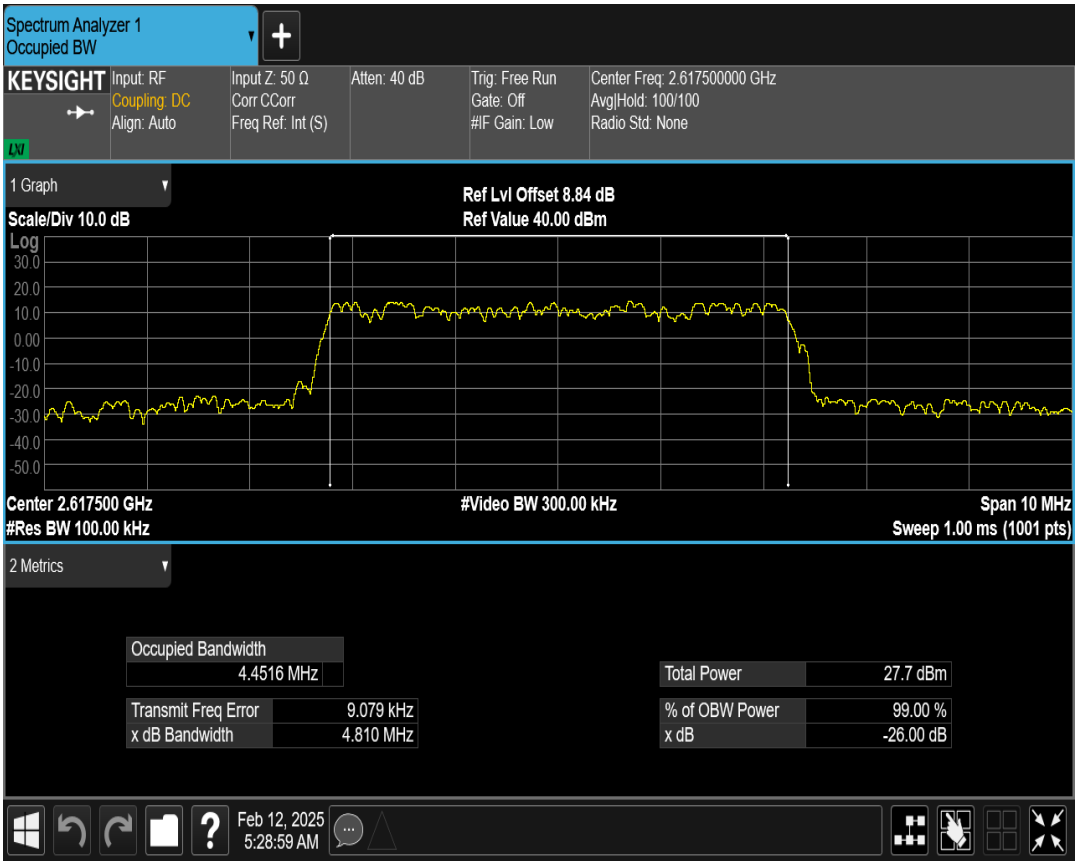
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=523500 RB=25@0



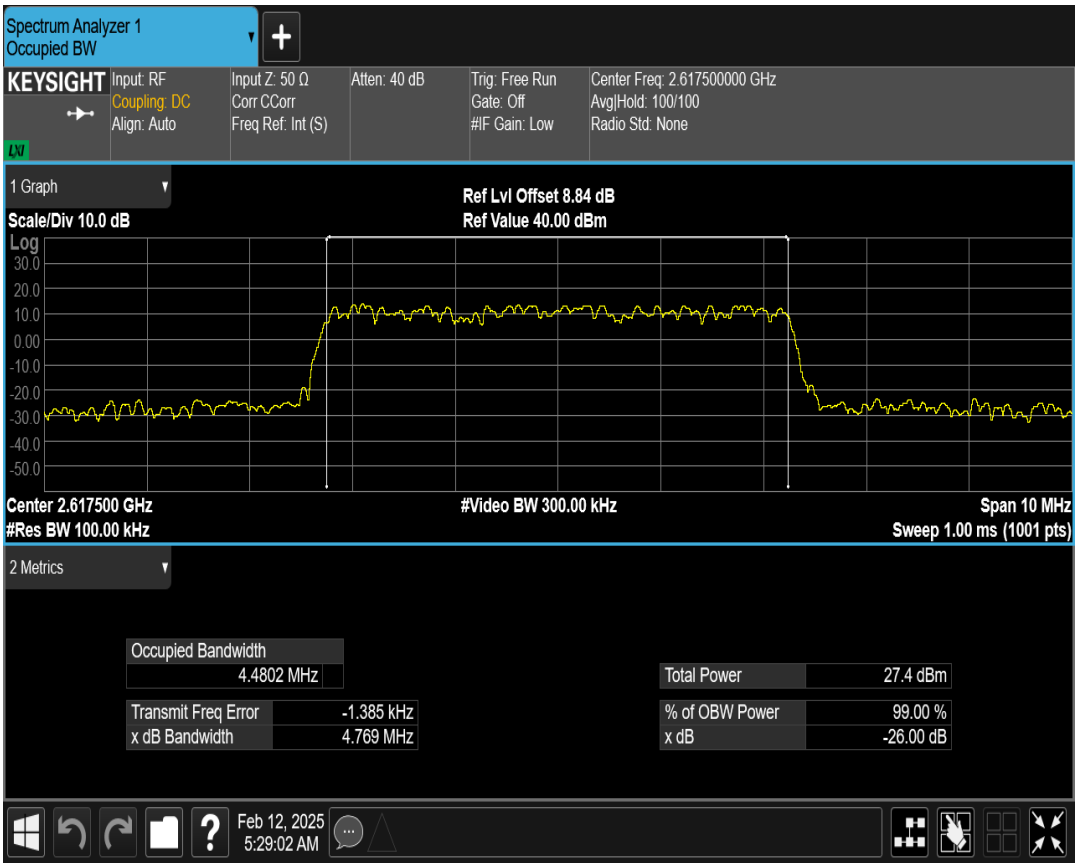
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=523500 RB=25@0



n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=523500 RB=25@0



n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=523500 RB=25@0



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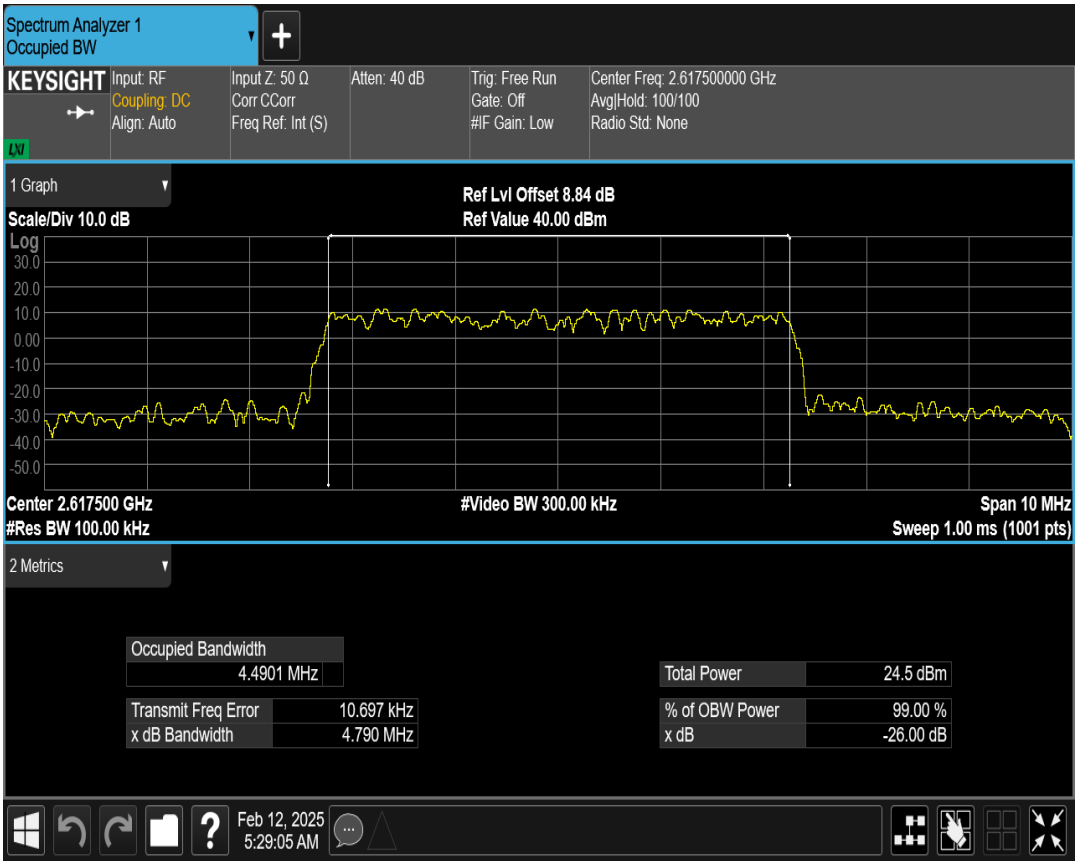
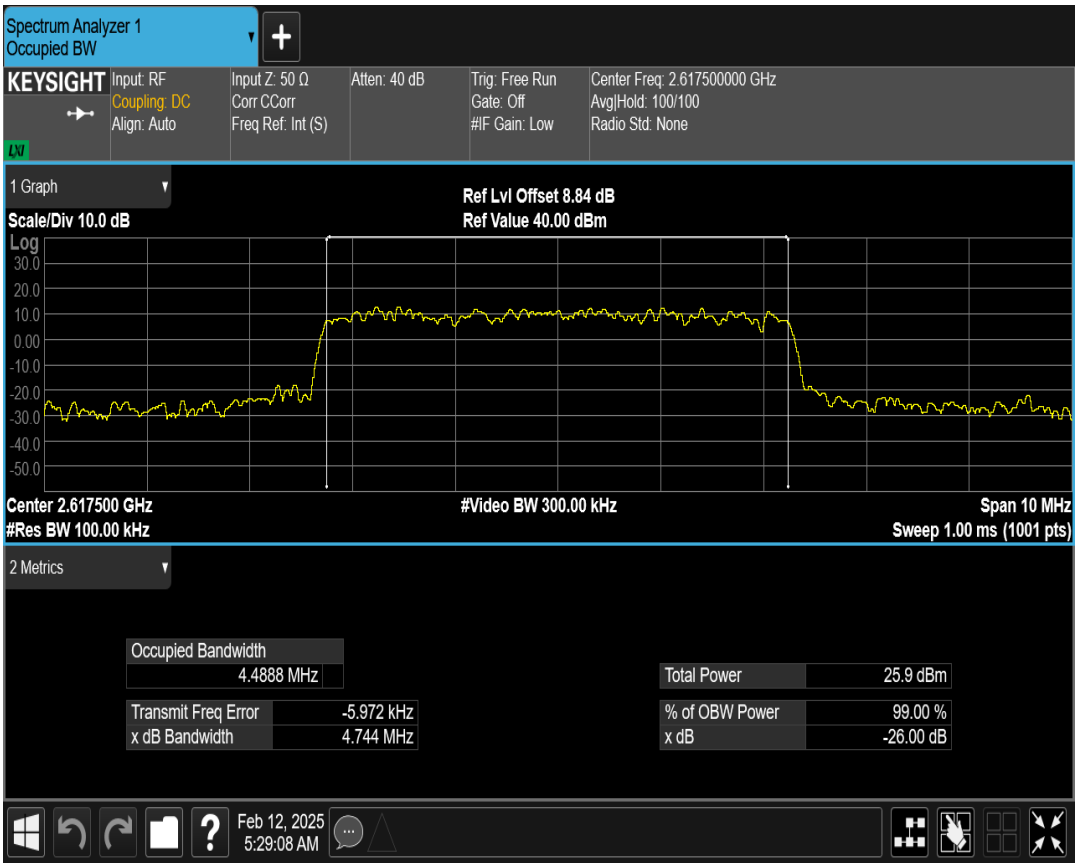
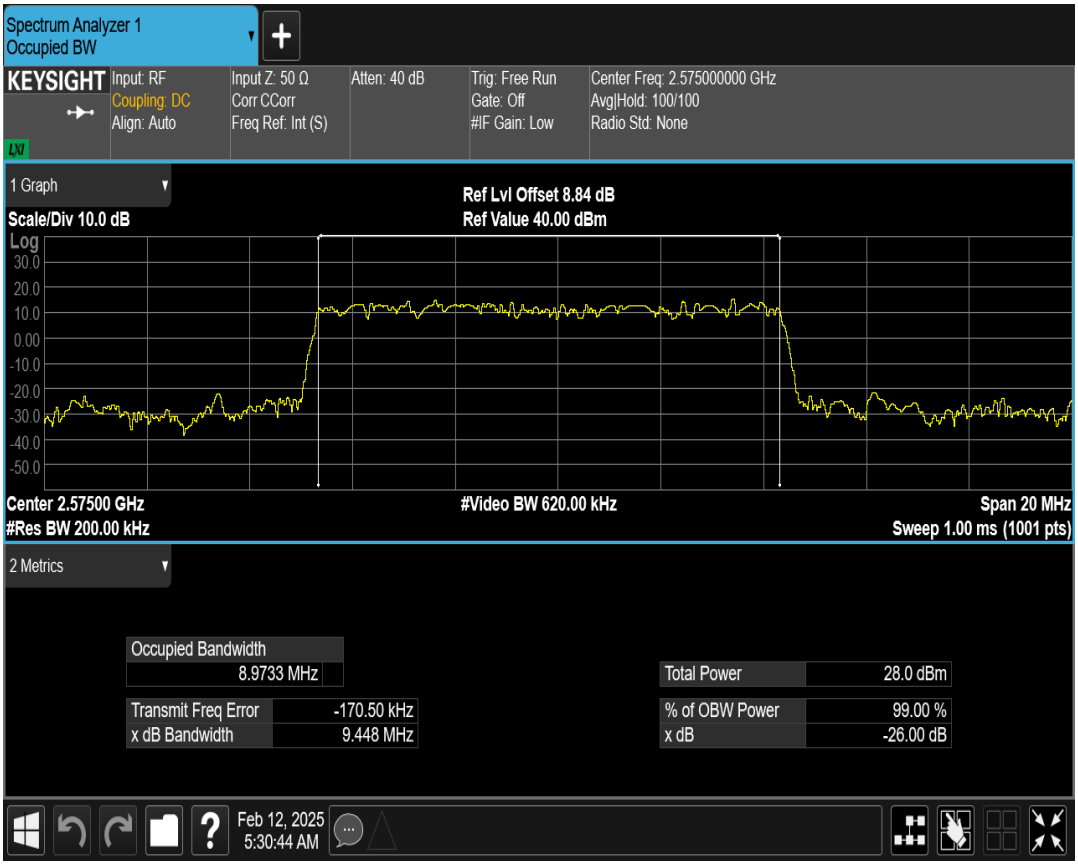
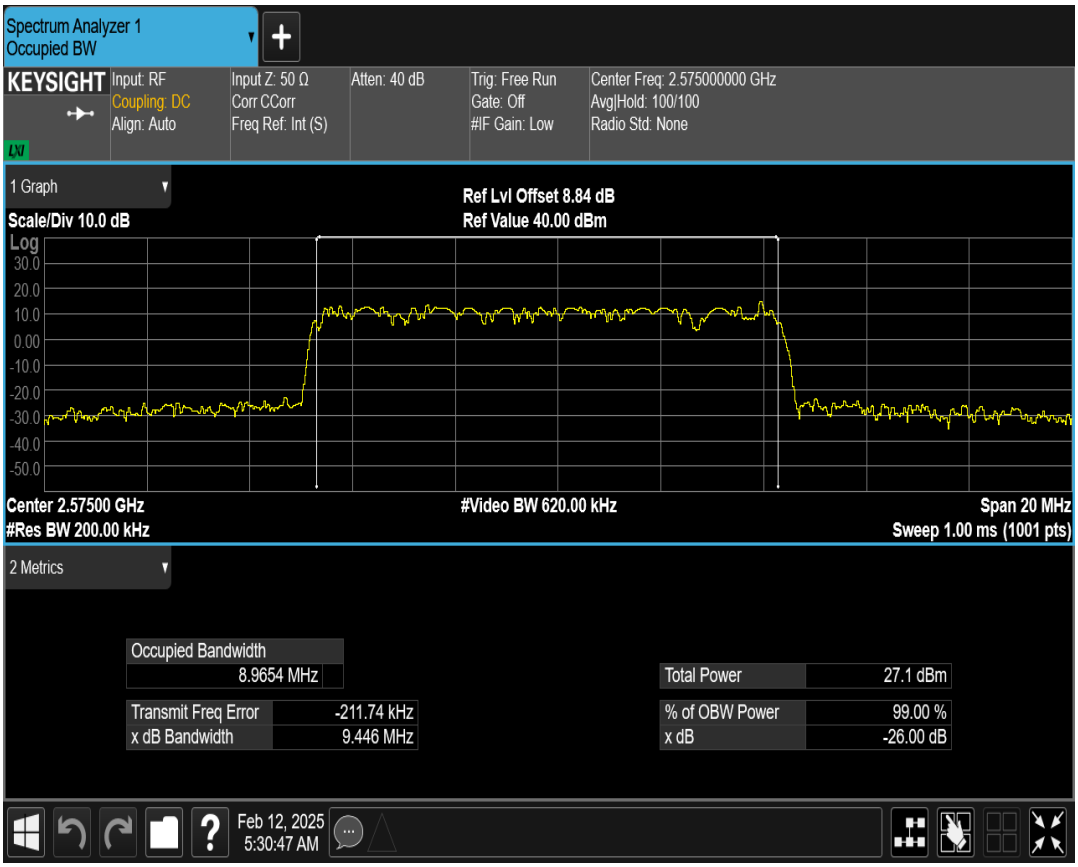


n38 SCS=15kHz CP_QPSK BW=5MHz Channel=523500 RB=25@0



n38 SCS=15kHz DFT_BPSK BW=10MHz Channel=515000 RB=50@0



n38 SCS=15kHz DFT_QPSK BW=10MHz Channel=515000 RB=50@0