

### 1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	Verdict
n12	30	10	140800	12@6	DFT_BPSK	23.10	-2.35	18.60	34.77	PASS
n12	30	10	140800	1@1	DFT_BPSK	23.03	-2.35	18.53	34.77	PASS
n12	30	10	140800	1@22	DFT_BPSK	23.08	-2.35	18.58	34.77	PASS
n12	30	10	140800	12@6	DFT_QPSK	23.16	-2.35	18.66	34.77	PASS
n12	30	10	140800	1@1	DFT_QPSK	23.06	-2.35	18.56	34.77	PASS
n12	30	10	140800	1@22	DFT_QPSK	23.11	-2.35	18.61	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM16	22.14	-2.35	17.64	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM16	22.23	-2.35	17.73	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM16	22.29	-2.35	17.79	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM64	20.67	-2.35	16.17	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM64	20.98	-2.35	16.48	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM64	20.98	-2.35	16.48	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM256	18.62	-2.35	14.12	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM256	18.65	-2.35	14.15	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM256	18.69	-2.35	14.19	34.77	PASS
n12	30	10	140800	12@6	CP_QPSK	21.60	-2.35	17.10	34.77	PASS
n12	30	10	140800	1@1	CP_QPSK	21.56	-2.35	17.06	34.77	PASS
n12	30	10	140800	1@22	CP_QPSK	21.63	-2.35	17.13	34.77	PASS
n12	30	10	140800	12@6	CP_QAM16	21.01	-2.35	16.51	34.77	PASS
n12	30	10	140800	1@1	CP_QAM16	21.04	-2.35	16.54	34.77	PASS
n12	30	10	140800	1@22	CP_QAM16	21.04	-2.35	16.54	34.77	PASS
n12	30	10	140800	12@6	CP_QAM64	19.67	-2.35	15.17	34.77	PASS
n12	30	10	140800	1@1	CP_QAM64	19.67	-2.35	15.17	34.77	PASS
n12	30	10	140800	1@22	CP_QAM64	19.96	-2.35	15.46	34.77	PASS
n12	30	10	140800	12@6	CP_QAM256	16.64	-2.35	12.14	34.77	PASS
n12	30	10	140800	1@1	CP_QAM256	16.67	-2.35	12.17	34.77	PASS
n12	30	10	140800	1@22	CP_QAM256	16.76	-2.35	12.26	34.77	PASS
n12	30	10	141500	12@6	DFT_BPSK	23.13	-2.35	18.63	34.77	PASS
n12	30	10	141500	1@1	DFT_BPSK	23.04	-2.35	18.54	34.77	PASS
n12	30	10	141500	1@22	DFT_BPSK	23.06	-2.35	18.56	34.77	PASS
n12	30	10	141500	12@6	DFT_QPSK	23.16	-2.35	18.66	34.77	PASS
n12	30	10	141500	1@1	DFT_QPSK	22.97	-2.35	18.47	34.77	PASS
n12	30	10	141500	1@22	DFT_QPSK	22.96	-2.35	18.46	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM16	22.12	-2.35	17.62	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM16	22.48	-2.35	17.98	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM16	22.53	-2.35	18.03	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM64	20.76	-2.35	16.26	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM64	20.89	-2.35	16.39	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM64	20.70	-2.35	16.20	34.77	PASS

n12	30	10	141500	12@6	DFT_QAM256	18.65	-2.35	14.15	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM256	18.46	-2.35	13.96	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM256	18.49	-2.35	13.99	34.77	PASS
n12	30	10	141500	12@6	CP_QPSK	21.56	-2.35	17.06	34.77	PASS
n12	30	10	141500	1@1	CP_QPSK	21.54	-2.35	17.04	34.77	PASS
n12	30	10	141500	1@22	CP_QPSK	21.49	-2.35	16.99	34.77	PASS
n12	30	10	141500	12@6	CP_QAM16	21.04	-2.35	16.54	34.77	PASS
n12	30	10	141500	1@1	CP_QAM16	21.29	-2.35	16.79	34.77	PASS
n12	30	10	141500	1@22	CP_QAM16	21.20	-2.35	16.70	34.77	PASS
n12	30	10	141500	12@6	CP_QAM64	19.59	-2.35	15.09	34.77	PASS
n12	30	10	141500	1@1	CP_QAM64	19.63	-2.35	15.13	34.77	PASS
n12	30	10	141500	1@22	CP_QAM64	19.93	-2.35	15.43	34.77	PASS
n12	30	10	141500	12@6	CP_QAM256	16.58	-2.35	12.08	34.77	PASS
n12	30	10	141500	1@1	CP_QAM256	16.77	-2.35	12.27	34.77	PASS
n12	30	10	141500	1@22	CP_QAM256	16.71	-2.35	12.21	34.77	PASS
n12	30	10	142200	12@6	DFT_BPSK	23.17	-2.35	18.67	34.77	PASS
n12	30	10	142200	1@1	DFT_BPSK	23.07	-2.35	18.57	34.77	PASS
n12	30	10	142200	1@22	DFT_BPSK	23.03	-2.35	18.53	34.77	PASS
n12	30	10	142200	12@6	DFT_QPSK	23.15	-2.35	18.65	34.77	PASS
n12	30	10	142200	1@1	DFT_QPSK	22.97	-2.35	18.47	34.77	PASS
n12	30	10	142200	1@22	DFT_QPSK	22.85	-2.35	18.35	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM16	22.05	-2.35	17.55	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM16	22.51	-2.35	18.01	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM16	22.53	-2.35	18.03	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM64	20.72	-2.35	16.22	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM64	21.00	-2.35	16.50	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM64	20.95	-2.35	16.45	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM256	18.59	-2.35	14.09	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM256	18.57	-2.35	14.07	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM256	18.46	-2.35	13.96	34.77	PASS
n12	30	10	142200	12@6	CP_QPSK	21.61	-2.35	17.11	34.77	PASS
n12	30	10	142200	1@1	CP_QPSK	21.66	-2.35	17.16	34.77	PASS
n12	30	10	142200	1@22	CP_QPSK	21.60	-2.35	17.10	34.77	PASS
n12	30	10	142200	12@6	CP_QAM16	21.03	-2.35	16.53	34.77	PASS
n12	30	10	142200	1@1	CP_QAM16	21.32	-2.35	16.82	34.77	PASS
n12	30	10	142200	1@22	CP_QAM16	21.40	-2.35	16.90	34.77	PASS
n12	30	10	142200	12@6	CP_QAM64	19.70	-2.35	15.20	34.77	PASS
n12	30	10	142200	1@1	CP_QAM64	20.00	-2.35	15.50	34.77	PASS
n12	30	10	142200	1@22	CP_QAM64	19.86	-2.35	15.36	34.77	PASS
n12	30	10	142200	12@6	CP_QAM256	16.77	-2.35	12.27	34.77	PASS
n12	30	10	142200	1@1	CP_QAM256	16.76	-2.35	12.26	34.77	PASS
n12	30	10	142200	1@22	CP_QAM256	16.75	-2.35	12.25	34.77	PASS
n12	30	15	141300	18@9	DFT_BPSK	23.12	-2.35	18.62	34.77	PASS

n12	30	15	141300	1@1	DFT_BPSK	23.05	-2.35	18.55	34.77	PASS
n12	30	15	141300	1@36	DFT_BPSK	22.99	-2.35	18.49	34.77	PASS
n12	30	15	141300	18@9	DFT_QPSK	23.11	-2.35	18.61	34.77	PASS
n12	30	15	141300	1@1	DFT_QPSK	22.88	-2.35	18.38	34.77	PASS
n12	30	15	141300	1@36	DFT_QPSK	22.79	-2.35	18.29	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM16	22.17	-2.35	17.67	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM16	22.48	-2.35	17.98	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM16	22.53	-2.35	18.03	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM64	20.81	-2.35	16.31	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM64	20.68	-2.35	16.18	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM64	20.93	-2.35	16.43	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM256	18.60	-2.35	14.10	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM256	18.50	-2.35	14.00	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM256	18.62	-2.35	14.12	34.77	PASS
n12	30	15	141300	19@9	CP_QPSK	21.75	-2.35	17.25	34.77	PASS
n12	30	15	141300	1@1	CP_QPSK	21.41	-2.35	16.91	34.77	PASS
n12	30	15	141300	1@36	CP_QPSK	21.43	-2.35	16.93	34.77	PASS
n12	30	15	141300	19@9	CP_QAM16	21.24	-2.35	16.74	34.77	PASS
n12	30	15	141300	1@1	CP_QAM16	21.24	-2.35	16.74	34.77	PASS
n12	30	15	141300	1@36	CP_QAM16	21.19	-2.35	16.69	34.77	PASS
n12	30	15	141300	19@9	CP_QAM64	19.84	-2.35	15.34	34.77	PASS
n12	30	15	141300	1@1	CP_QAM64	19.58	-2.35	15.08	34.77	PASS
n12	30	15	141300	1@36	CP_QAM64	19.58	-2.35	15.08	34.77	PASS
n12	30	15	141300	19@9	CP_QAM256	16.66	-2.35	12.16	34.77	PASS
n12	30	15	141300	1@1	CP_QAM256	16.65	-2.35	12.15	34.77	PASS
n12	30	15	141300	1@36	CP_QAM256	16.65	-2.35	12.15	34.77	PASS
n12	30	15	141500	18@9	DFT_BPSK	23.12	-2.35	18.62	34.77	PASS
n12	30	15	141500	1@1	DFT_BPSK	23.01	-2.35	18.51	34.77	PASS
n12	30	15	141500	1@36	DFT_BPSK	23.03	-2.35	18.53	34.77	PASS
n12	30	15	141500	18@9	DFT_QPSK	23.09	-2.35	18.59	34.77	PASS
n12	30	15	141500	1@1	DFT_QPSK	22.93	-2.35	18.43	34.77	PASS
n12	30	15	141500	1@36	DFT_QPSK	22.90	-2.35	18.40	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM16	22.19	-2.35	17.69	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM16	22.08	-2.35	17.58	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM16	22.19	-2.35	17.69	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM64	20.79	-2.35	16.29	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM64	20.56	-2.35	16.06	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM64	20.67	-2.35	16.17	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM256	18.63	-2.35	14.13	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM256	18.67	-2.35	14.17	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM256	18.51	-2.35	14.01	34.77	PASS
n12	30	15	141500	19@9	CP_QPSK	21.64	-2.35	17.14	34.77	PASS
n12	30	15	141500	1@1	CP_QPSK	21.50	-2.35	17.00	34.77	PASS

n12	30	15	141500	1@36	CP_QPSK	21.32	-2.35	16.82	34.77	PASS
n12	30	15	141500	19@9	CP_QAM16	21.15	-2.35	16.65	34.77	PASS
n12	30	15	141500	1@1	CP_QAM16	21.43	-2.35	16.93	34.77	PASS
n12	30	15	141500	1@36	CP_QAM16	21.33	-2.35	16.83	34.77	PASS
n12	30	15	141500	19@9	CP_QAM64	19.74	-2.35	15.24	34.77	PASS
n12	30	15	141500	1@1	CP_QAM64	19.77	-2.35	15.27	34.77	PASS
n12	30	15	141500	1@36	CP_QAM64	19.75	-2.35	15.25	34.77	PASS
n12	30	15	141500	19@9	CP_QAM256	16.68	-2.35	12.18	34.77	PASS
n12	30	15	141500	1@1	CP_QAM256	16.67	-2.35	12.17	34.77	PASS
n12	30	15	141500	1@36	CP_QAM256	16.65	-2.35	12.15	34.77	PASS
n12	30	15	141700	18@9	DFT_BPSK	23.11	-2.35	18.61	34.77	PASS
n12	30	15	141700	1@1	DFT_BPSK	23.01	-2.35	18.51	34.77	PASS
n12	30	15	141700	1@36	DFT_BPSK	22.99	-2.35	18.49	34.77	PASS
n12	30	15	141700	18@9	DFT_QPSK	23.08	-2.35	18.58	34.77	PASS
n12	30	15	141700	1@1	DFT_QPSK	23.07	-2.35	18.57	34.77	PASS
n12	30	15	141700	1@36	DFT_QPSK	22.88	-2.35	18.38	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM16	22.26	-2.35	17.76	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM16	22.10	-2.35	17.60	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM16	22.24	-2.35	17.74	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM64	20.82	-2.35	16.32	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM64	20.57	-2.35	16.07	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM64	20.56	-2.35	16.06	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM256	18.64	-2.35	14.14	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM256	18.50	-2.35	14.00	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM256	18.44	-2.35	13.94	34.77	PASS
n12	30	15	141700	19@9	CP_QPSK	21.59	-2.35	17.09	34.77	PASS
n12	30	15	141700	1@1	CP_QPSK	21.52	-2.35	17.02	34.77	PASS
n12	30	15	141700	1@36	CP_QPSK	21.54	-2.35	17.04	34.77	PASS
n12	30	15	141700	19@9	CP_QAM16	21.12	-2.35	16.62	34.77	PASS
n12	30	15	141700	1@1	CP_QAM16	21.40	-2.35	16.90	34.77	PASS
n12	30	15	141700	1@36	CP_QAM16	21.30	-2.35	16.80	34.77	PASS
n12	30	15	141700	19@9	CP_QAM64	19.77	-2.35	15.27	34.77	PASS
n12	30	15	141700	1@1	CP_QAM64	19.73	-2.35	15.23	34.77	PASS
n12	30	15	141700	1@36	CP_QAM64	19.96	-2.35	15.46	34.77	PASS
n12	30	15	141700	19@9	CP_QAM256	16.69	-2.35	12.19	34.77	PASS
n12	30	15	141700	1@1	CP_QAM256	16.64	-2.35	12.14	34.77	PASS
n12	30	15	141700	1@36	CP_QAM256	16.69	-2.35	12.19	34.77	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
n12	30	15	141500	18@9	DFT_BPSK	3.45	-4.25	-0.01	Within authorized band for 5G NR n12	PASS
n12	30	15	141500	18@9	DFT_BPSK	3.85	-1.69	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	4.40	-5.10	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	3.45	-2.67	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	3.85	-3.13	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	4.40	-2.88	0.00		PASS

Note: Only the worst case shown in the report.

**NV:**

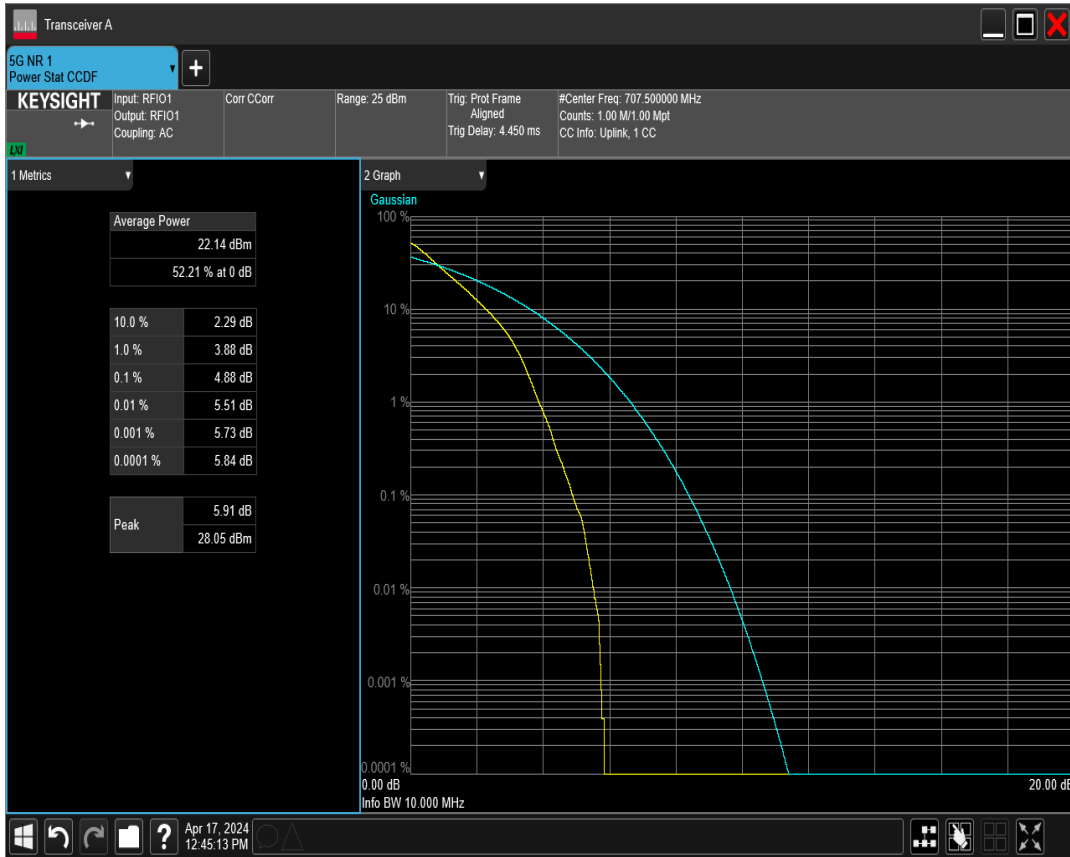
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n12	30	15	141500	18@9	DFT_BPSK	-30	-2.7	0.00	Within authorized band for 5G NR n12	PASS
n12	30	15	141500	18@9	DFT_BPSK	-20	-2.17	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	-10	-5.47	-0.01		PASS
n12	30	15	141500	18@9	DFT_BPSK	0	-2.79	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	10	-4.75	-0.01		PASS
n12	30	15	141500	18@9	DFT_BPSK	20	-3.12	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	30	-2.41	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	40	-1.47	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	50	-4.5	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	-30	-5.75	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	-20	-4.25	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	-10	-5.08	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	0	-5.23	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	10	-3.57	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	20	-1.44	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	30	-2.81	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	40	-4.39	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	50	-5.5	-0.01		PASS

Note: Only the worst case shown in the report.

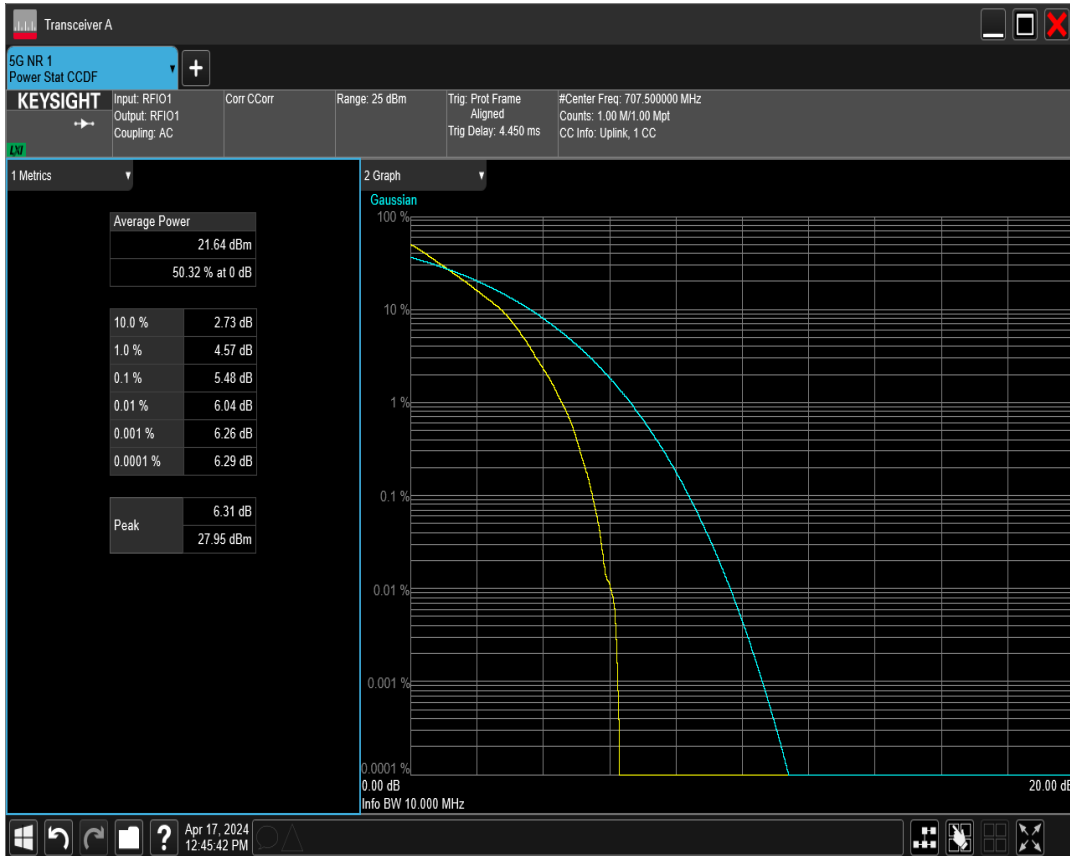
### 3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n12	30	10	141500	24@0	DFT_BPSK	4.88	13	PASS
n12	30	10	141500	24@0	DFT_QPSK	5.48	13	PASS
n12	30	10	141500	24@0	DFT_QAM16	6.22	13	PASS
n12	30	10	141500	24@0	DFT_QAM64	6.65	13	PASS
n12	30	10	141500	24@0	DFT_QAM256	7.15	13	PASS
n12	30	15	141500	36@0	DFT_BPSK	4.65	13	PASS
n12	30	15	141500	36@0	DFT_QPSK	5.55	13	PASS
n12	30	15	141500	36@0	DFT_QAM16	6.35	13	PASS
n12	30	15	141500	36@0	DFT_QAM64	6.67	13	PASS
n12	30	15	141500	36@0	DFT_QAM256	7.00	13	PASS

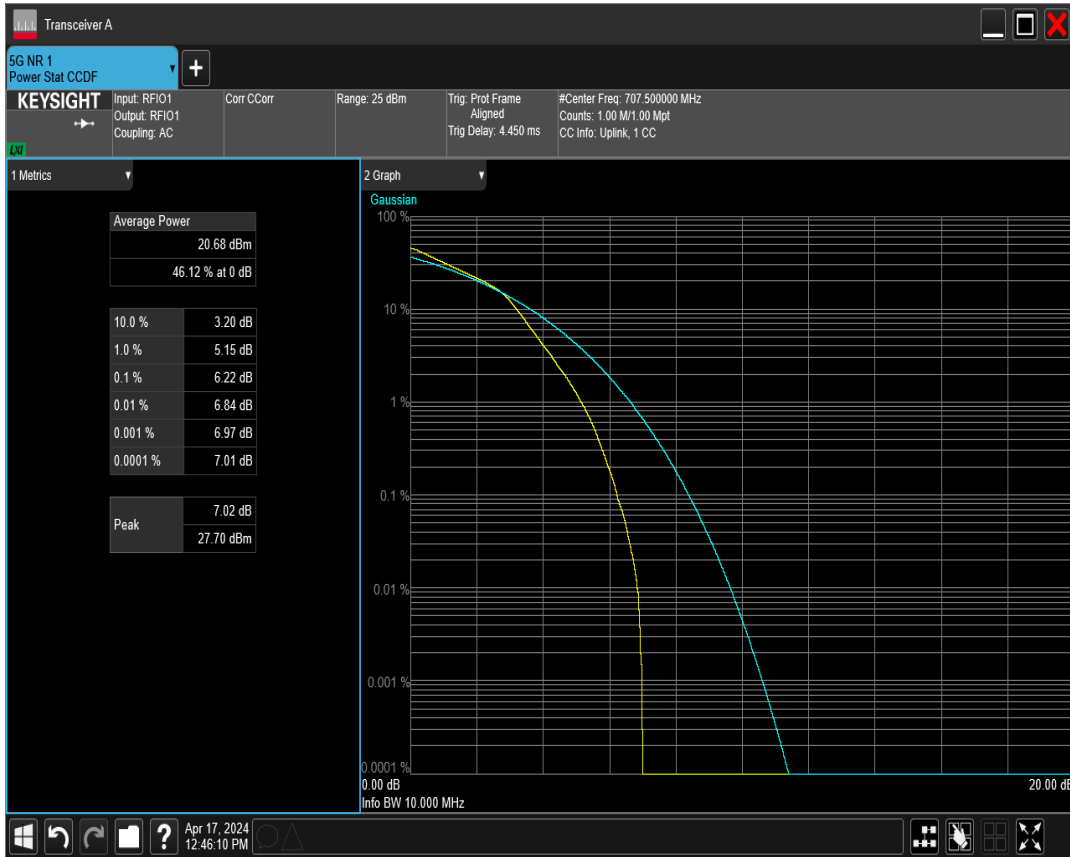
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=141500 RB=24@0



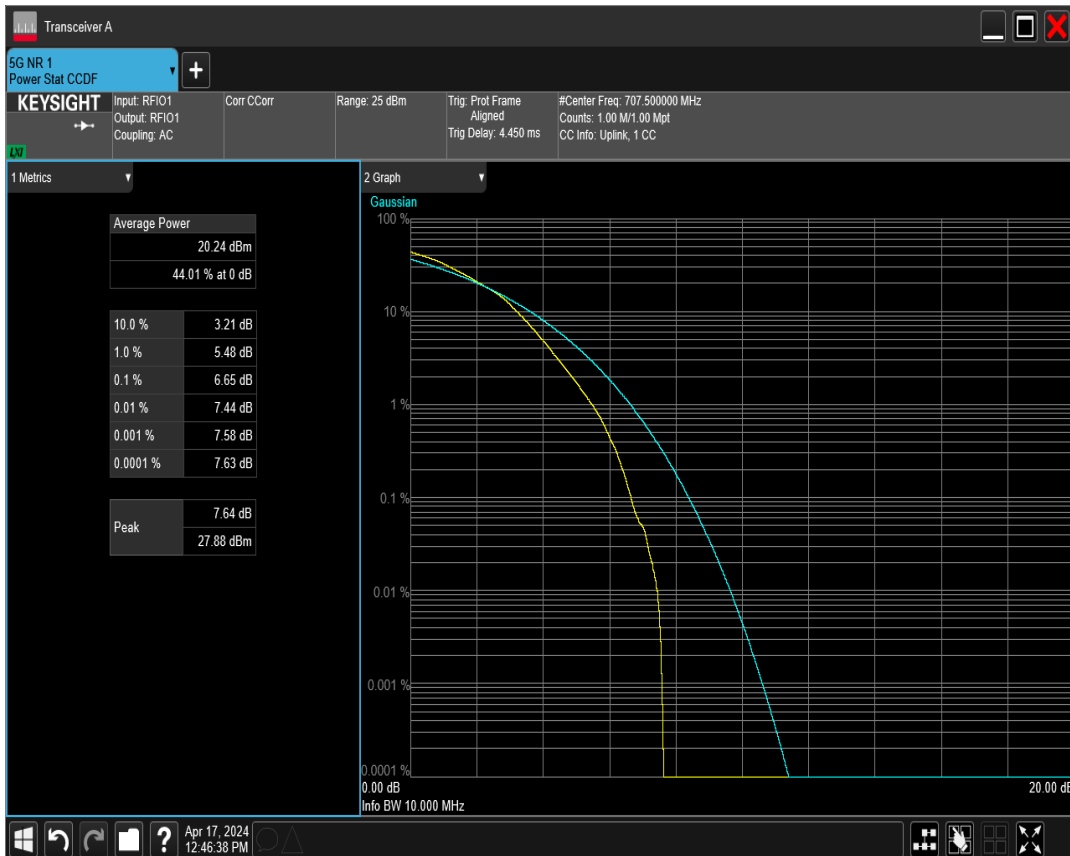
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=141500 RB=24@0



n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=141500 RB=24@0

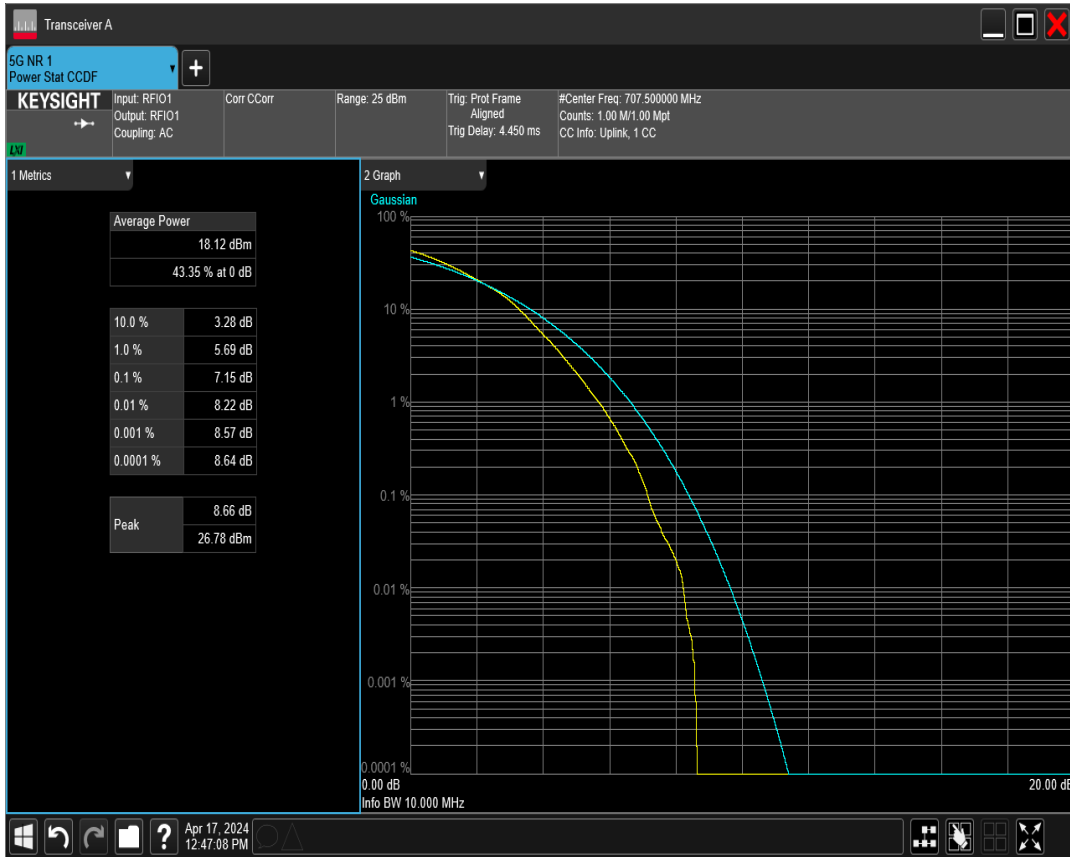


n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=141500 RB=24@0

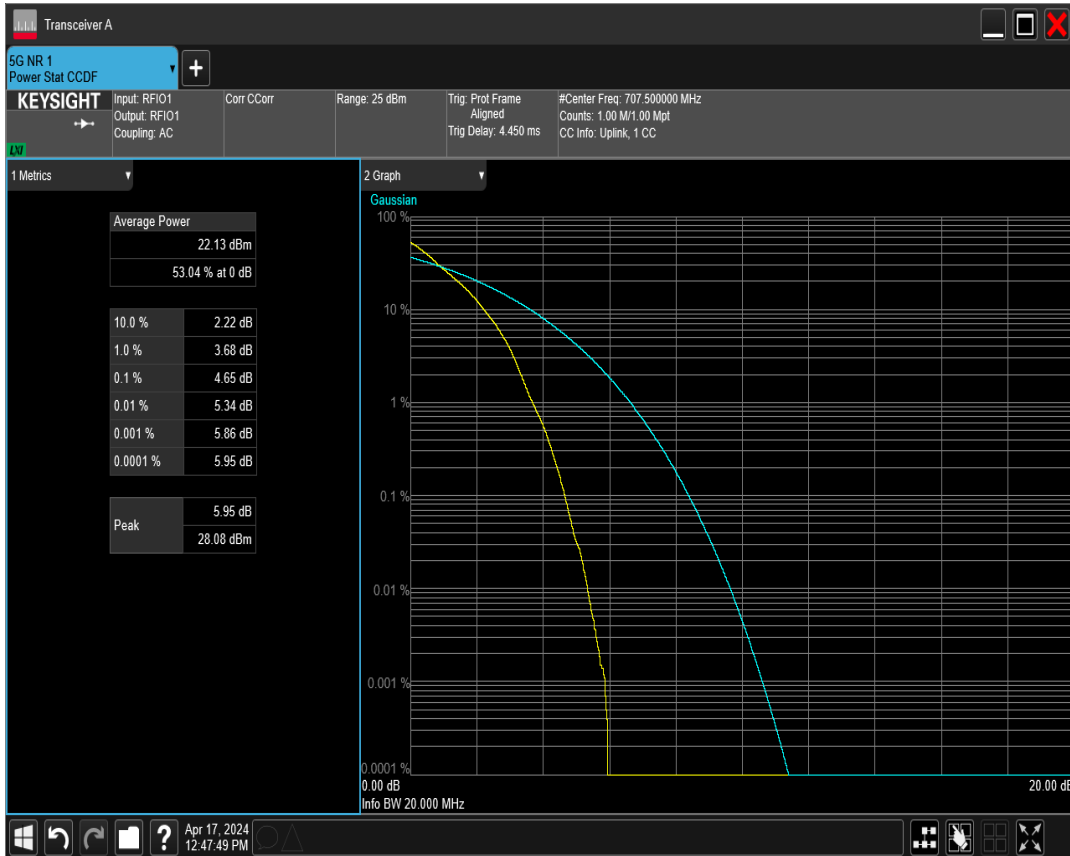




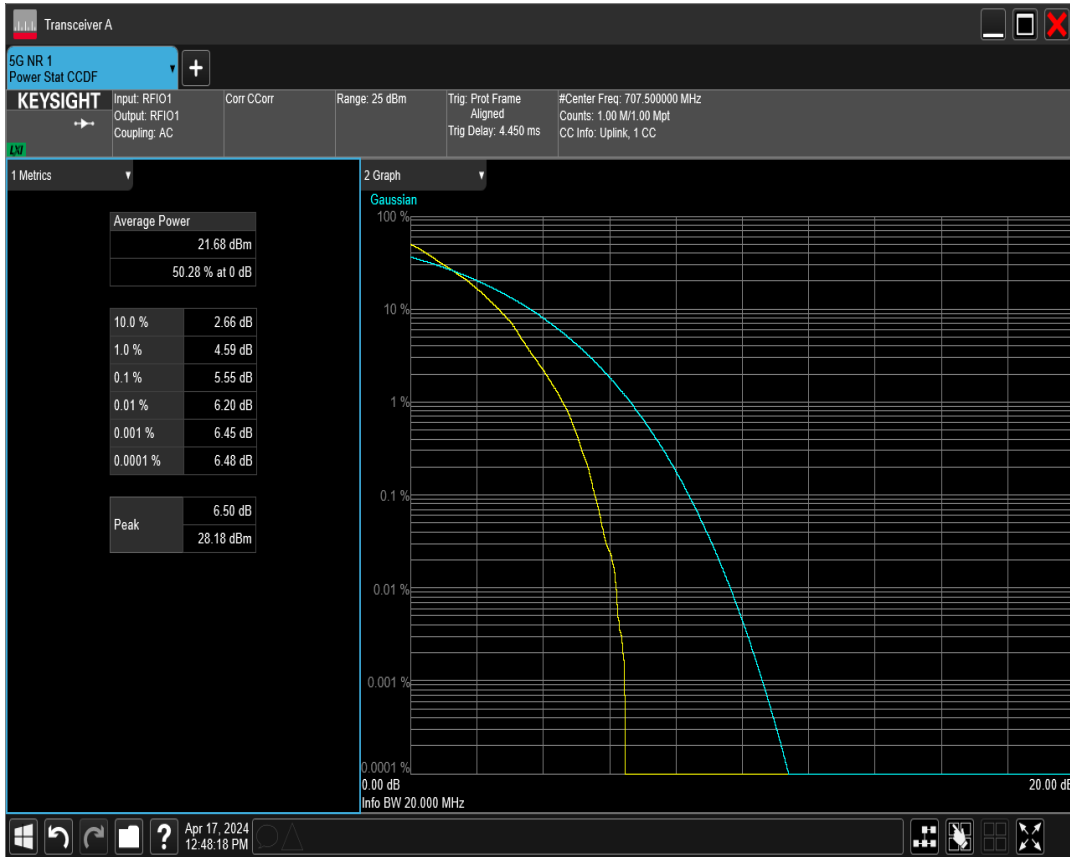
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=141500 RB=24@0



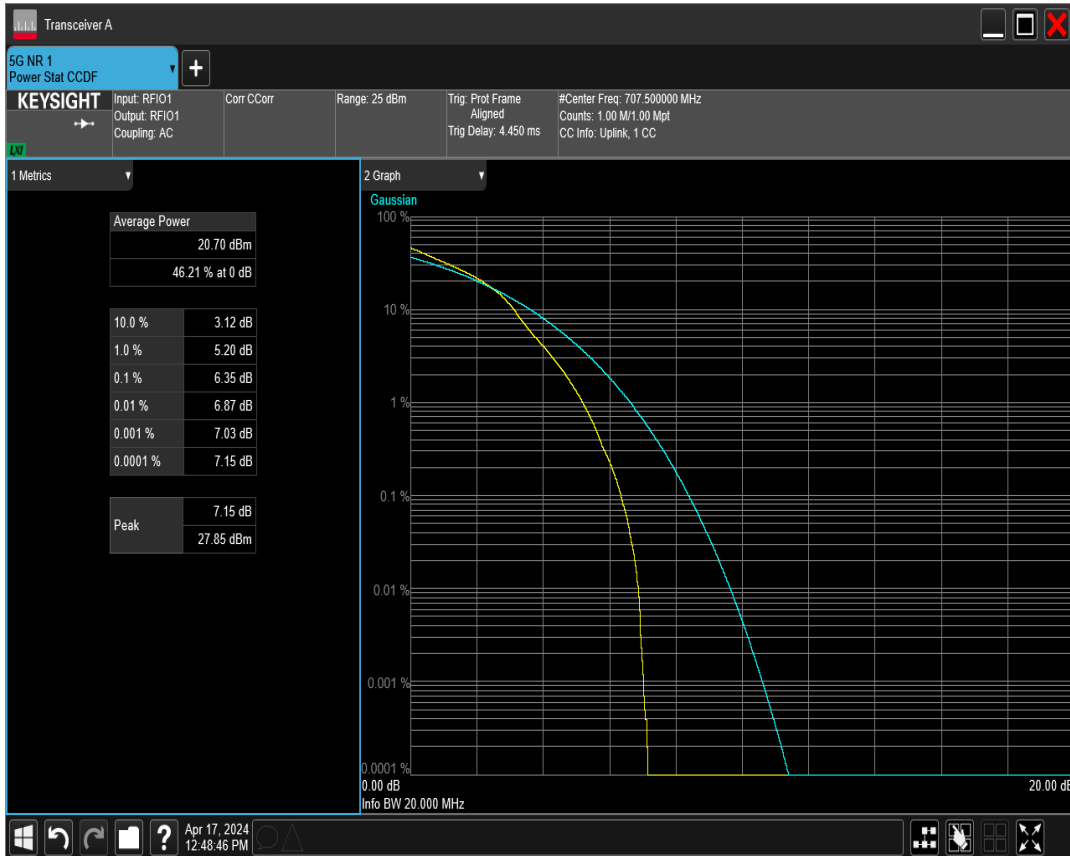
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141500 RB=36@0



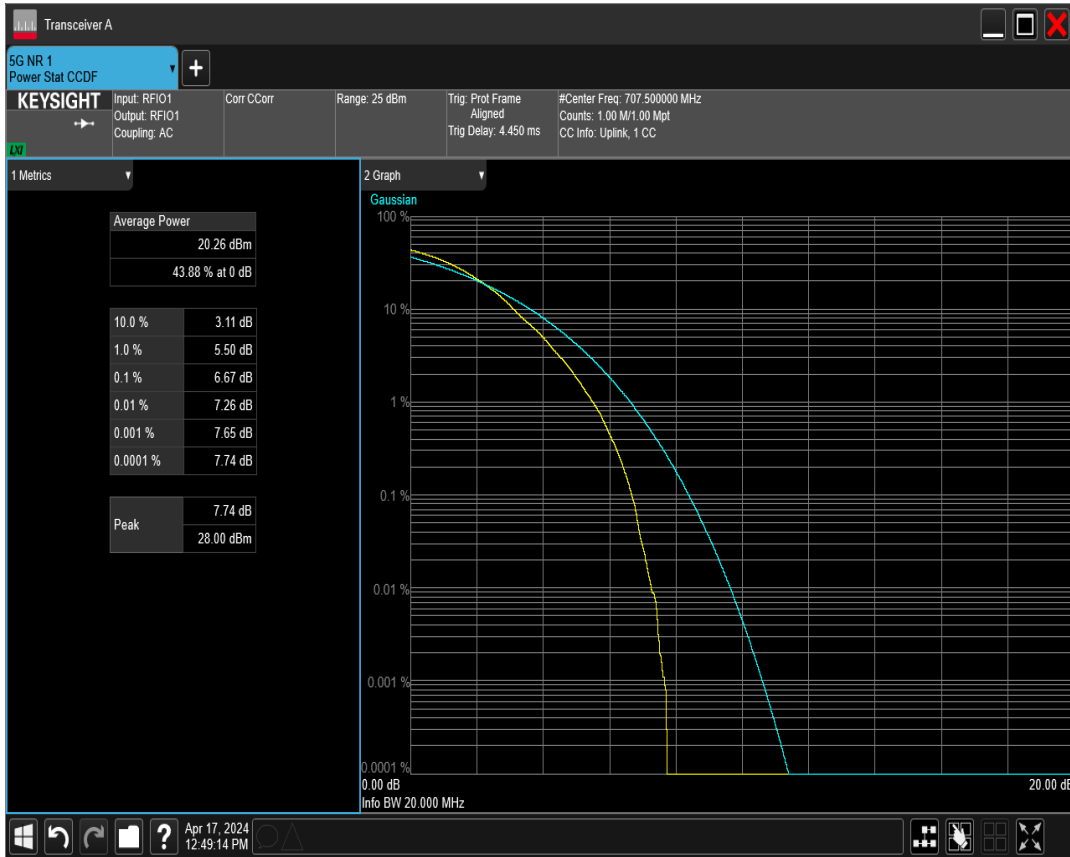
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141500 RB=36@0



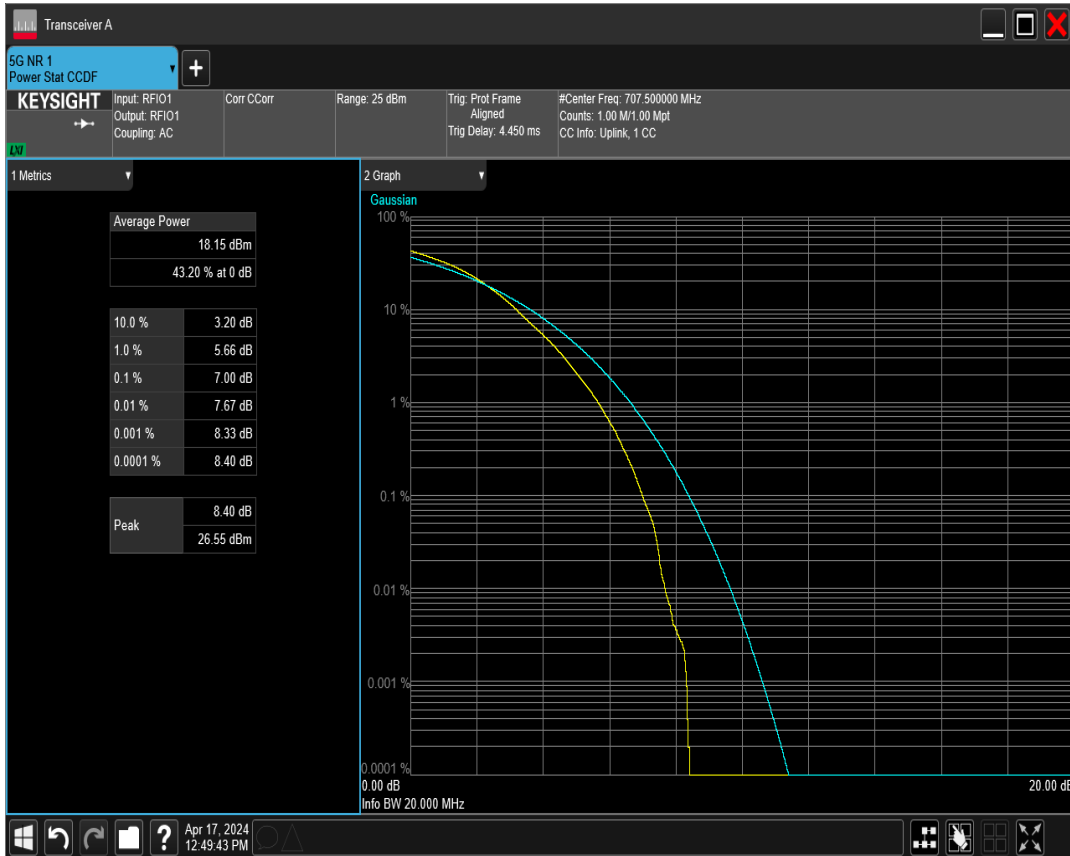
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141500 RB=36@0



n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141500 RB=36@0



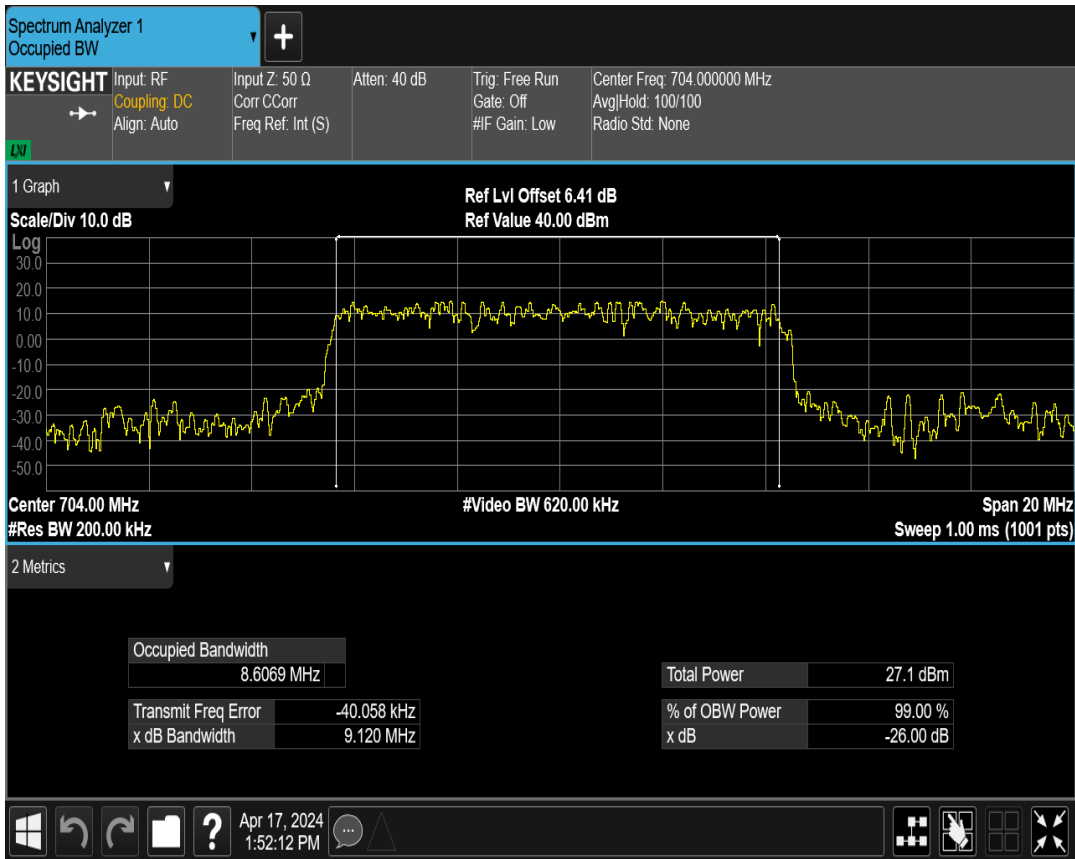
n12 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=141500 RB=36@0



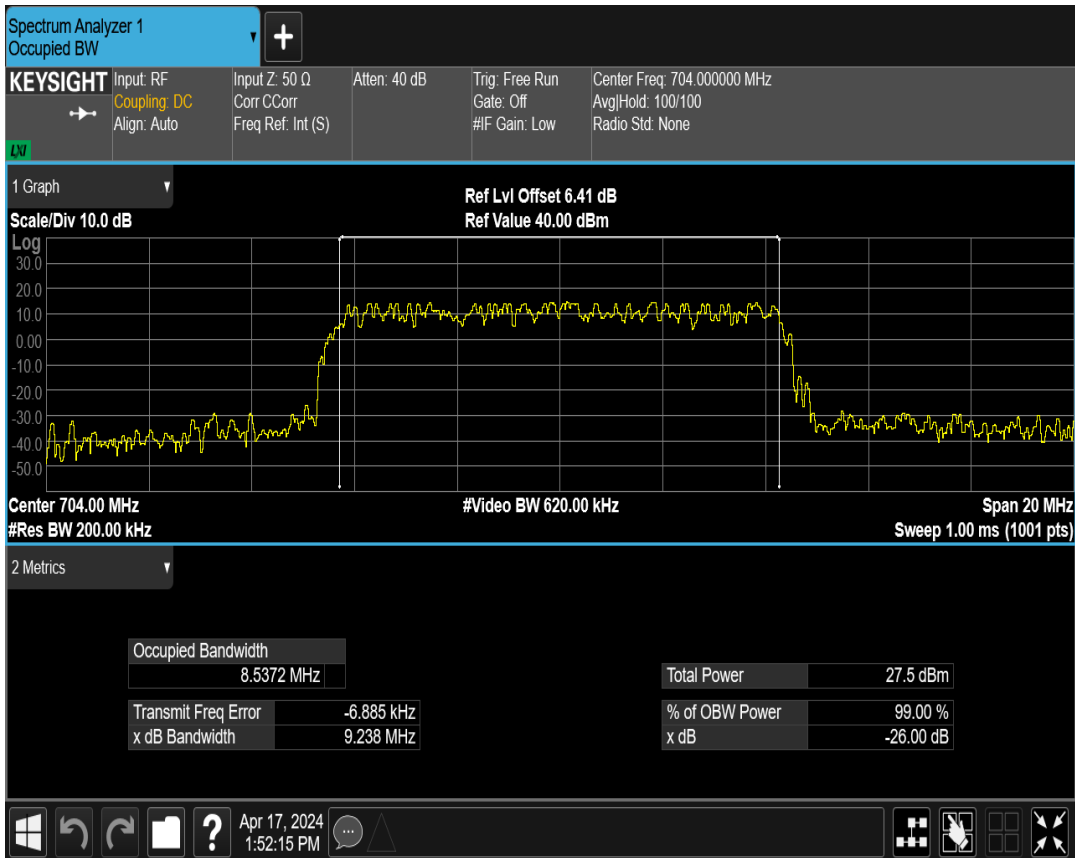
### 4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n12	30	10	140800	24@0	DFT_BPSK	8.607	9.120	PASS
n12	30	10	140800	24@0	DFT_QPSK	8.537	9.238	PASS
n12	30	10	140800	24@0	DFT_QAM16	8.639	9.121	PASS
n12	30	10	140800	24@0	DFT_QAM64	8.639	9.132	PASS
n12	30	10	140800	24@0	DFT_QAM256	8.529	9.194	PASS
n12	30	10	140800	24@0	CP_QPSK	8.554	9.103	PASS
n12	30	10	141500	24@0	DFT_BPSK	8.600	9.184	PASS
n12	30	10	141500	24@0	DFT_QPSK	8.597	9.083	PASS
n12	30	10	141500	24@0	DFT_QAM16	8.596	9.074	PASS
n12	30	10	141500	24@0	DFT_QAM64	8.504	9.048	PASS
n12	30	10	141500	24@0	DFT_QAM256	8.636	9.226	PASS
n12	30	10	141500	24@0	CP_QPSK	8.582	9.162	PASS
n12	30	10	142200	24@0	DFT_BPSK	8.664	9.120	PASS
n12	30	10	142200	24@0	DFT_QPSK	8.569	9.247	PASS
n12	30	10	142200	24@0	DFT_QAM16	8.545	9.172	PASS
n12	30	10	142200	24@0	DFT_QAM64	8.569	9.272	PASS
n12	30	10	142200	24@0	DFT_QAM256	8.645	9.082	PASS
n12	30	10	142200	24@0	CP_QPSK	8.588	9.116	PASS
n12	30	15	141300	36@0	DFT_BPSK	12.900	13.677	PASS
n12	30	15	141300	36@0	DFT_QPSK	12.950	13.618	PASS
n12	30	15	141300	36@0	DFT_QAM16	12.842	13.542	PASS
n12	30	15	141300	36@0	DFT_QAM64	12.951	13.563	PASS
n12	30	15	141300	36@0	DFT_QAM256	12.898	13.783	PASS
n12	30	15	141300	38@0	CP_QPSK	13.553	14.426	PASS
n12	30	15	141500	36@0	DFT_BPSK	12.967	13.752	PASS
n12	30	15	141500	36@0	DFT_QPSK	12.938	13.559	PASS
n12	30	15	141500	36@0	DFT_QAM16	12.999	13.660	PASS
n12	30	15	141500	36@0	DFT_QAM64	12.786	13.546	PASS
n12	30	15	141500	36@0	DFT_QAM256	12.813	13.639	PASS
n12	30	15	141500	38@0	CP_QPSK	13.577	14.555	PASS
n12	30	15	141700	36@0	DFT_BPSK	12.844	13.645	PASS
n12	30	15	141700	36@0	DFT_QPSK	12.886	13.685	PASS
n12	30	15	141700	36@0	DFT_QAM16	12.976	13.584	PASS
n12	30	15	141700	36@0	DFT_QAM64	12.856	13.565	PASS
n12	30	15	141700	36@0	DFT_QAM256	12.991	13.723	PASS
n12	30	15	141700	38@0	CP_QPSK	13.586	14.373	PASS

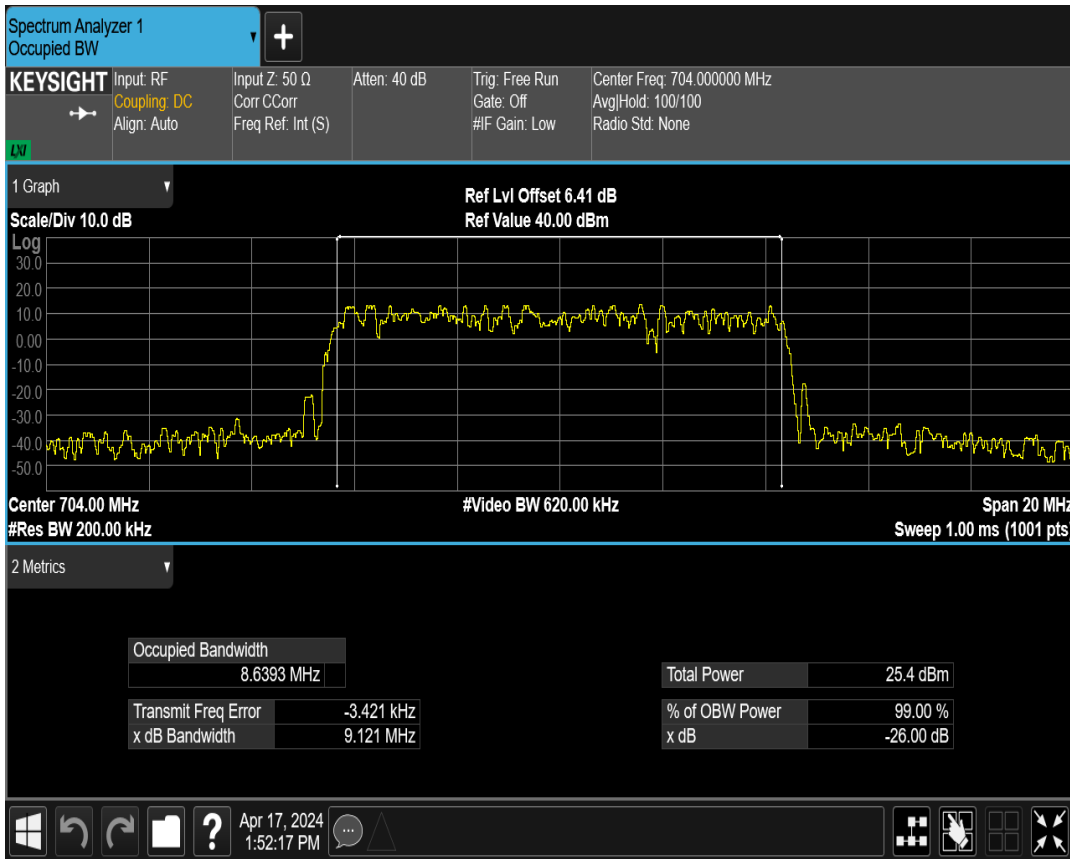
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=140800 RB=24@0



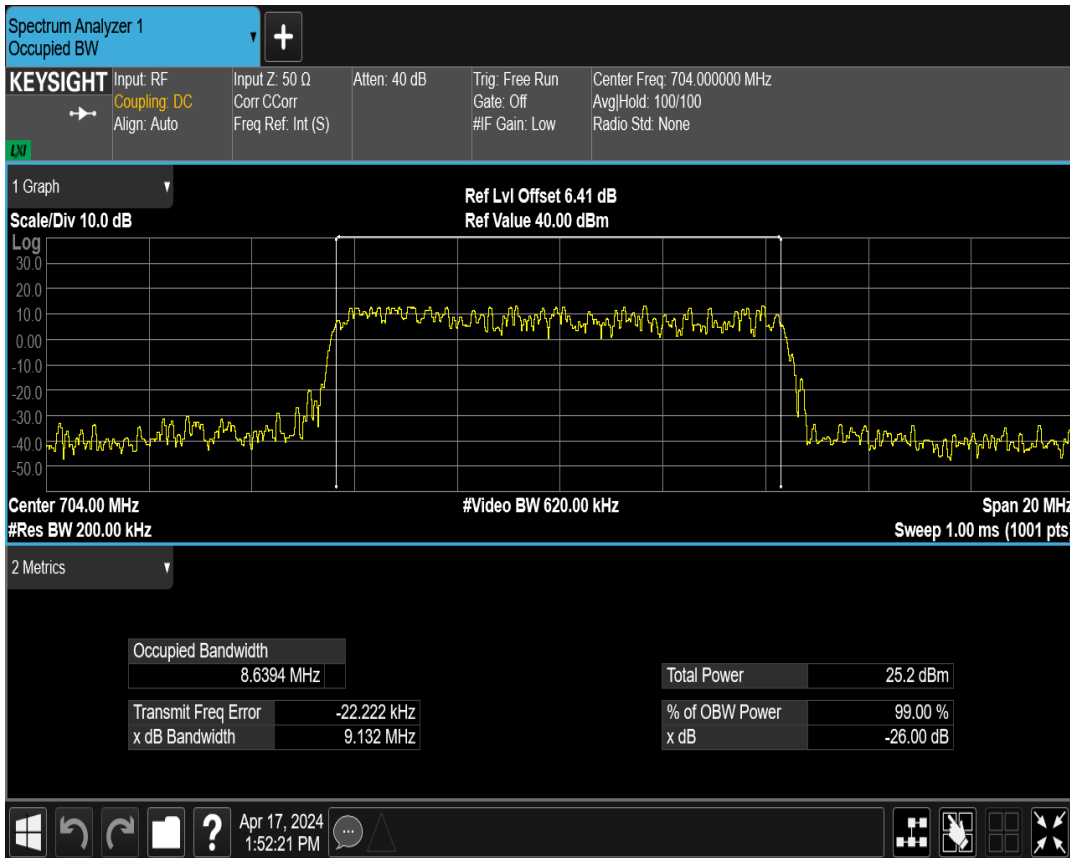
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=140800 RB=24@0



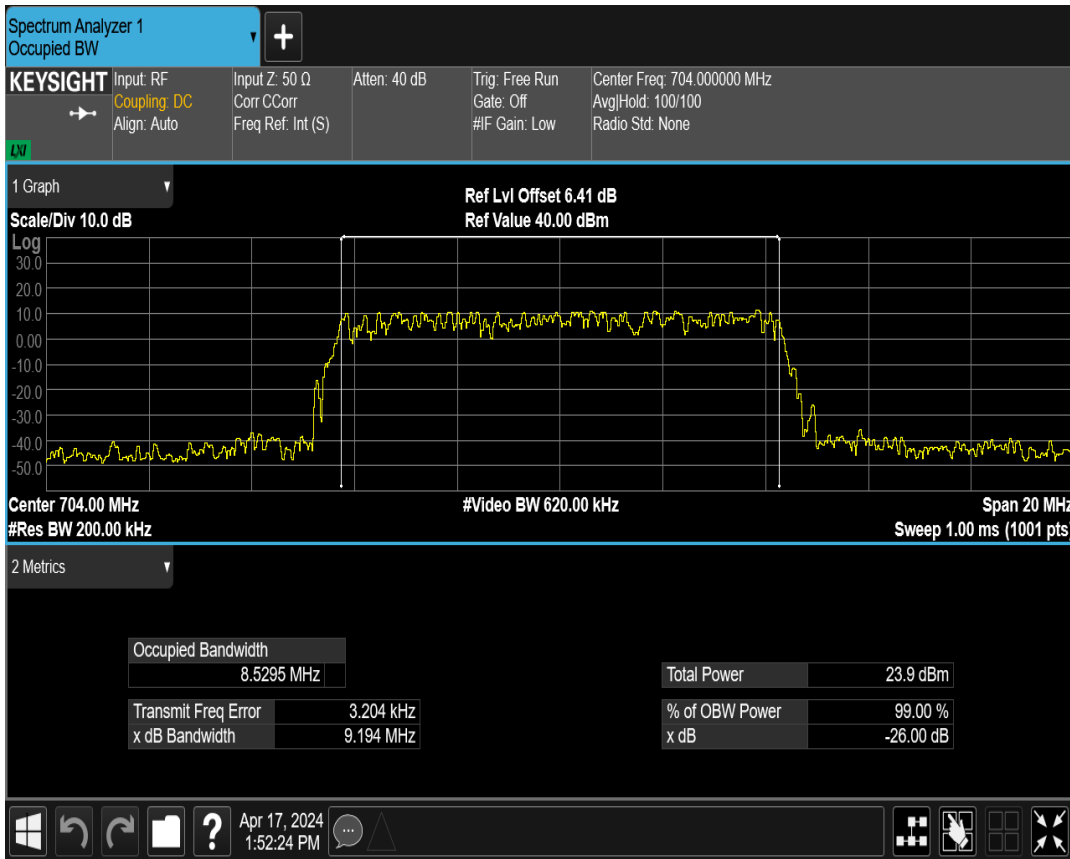
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=140800 RB=24@0



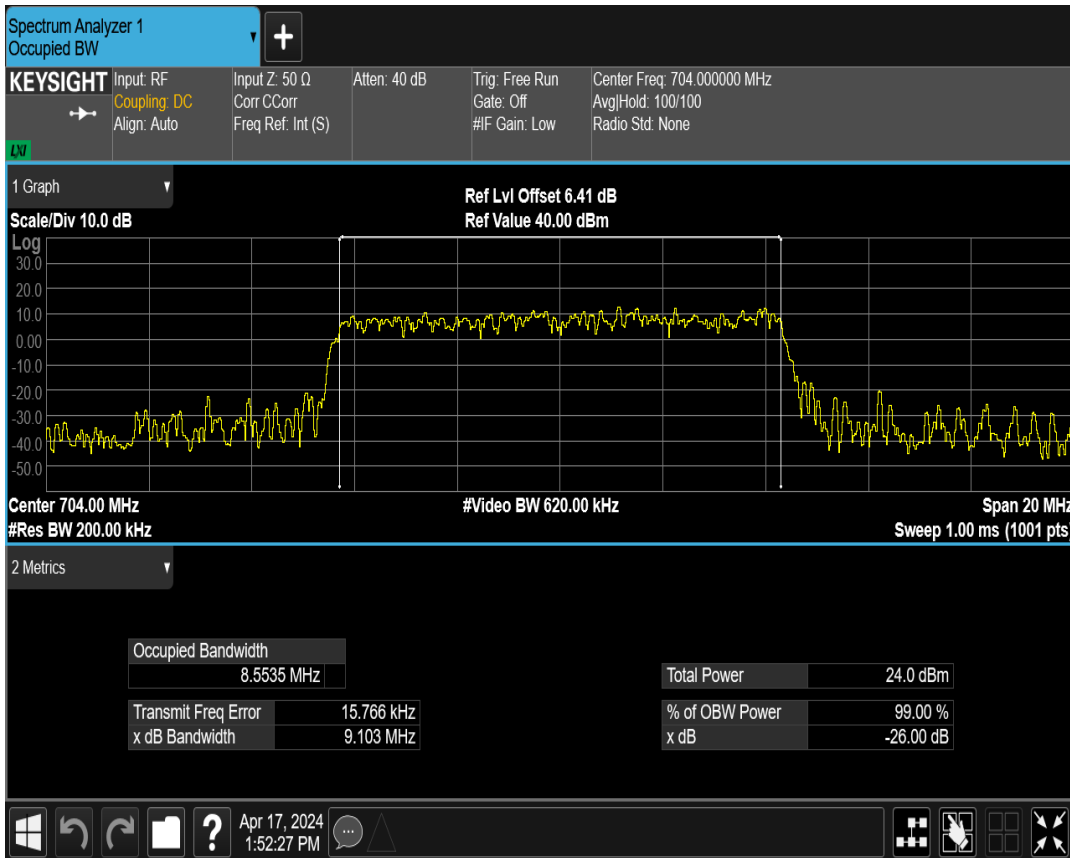
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=140800 RB=24@0



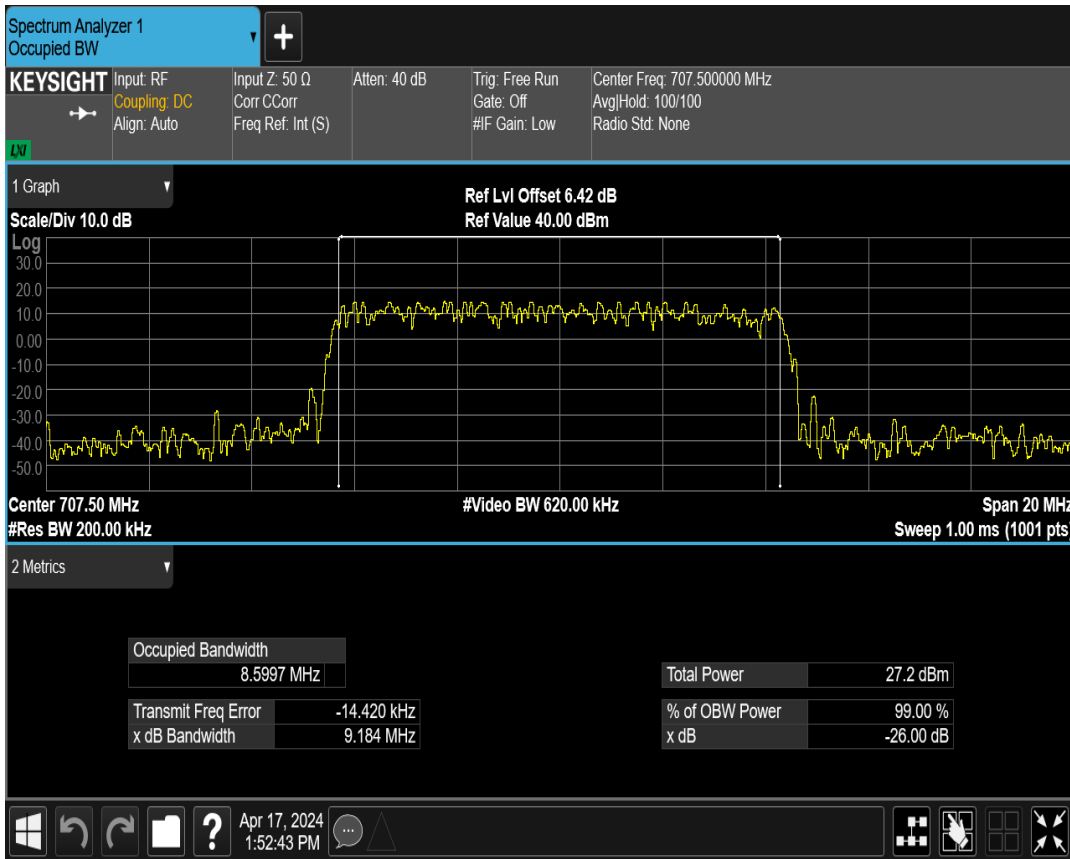
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=140800 RB=24@0



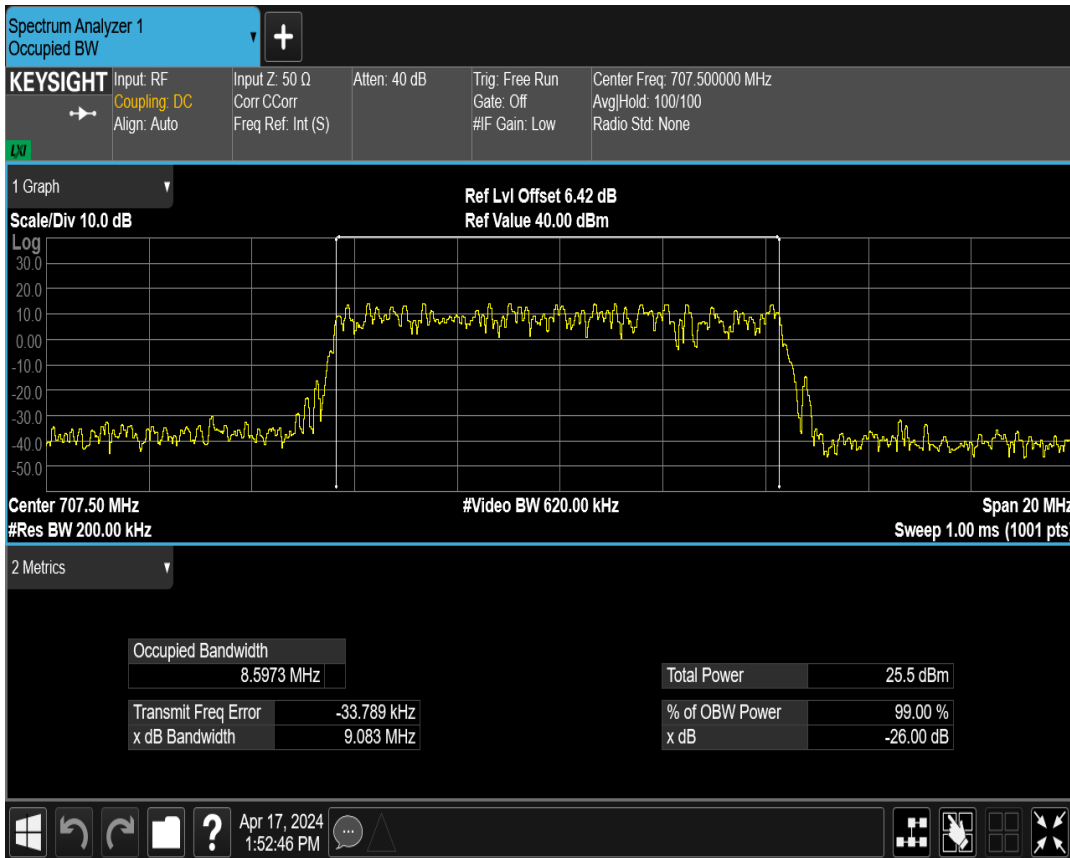
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=140800 RB=24@0



n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=141500 RB=24@0

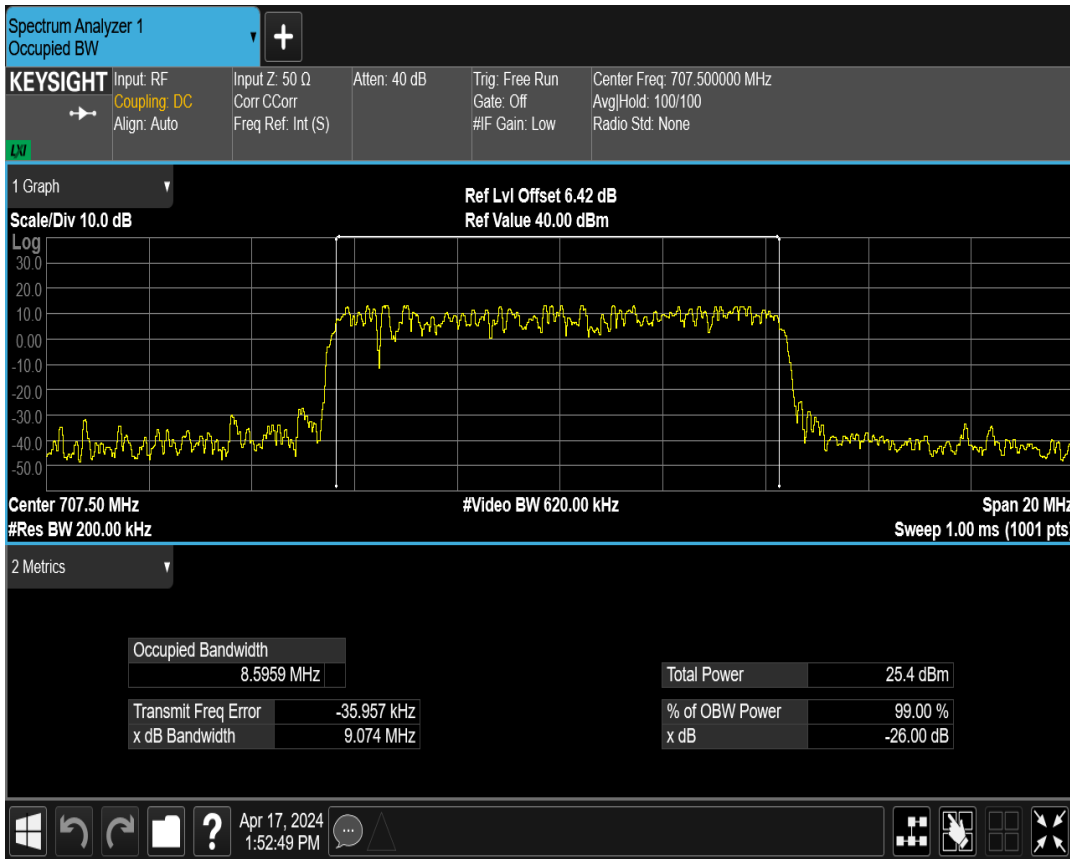


n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=141500 RB=24@0

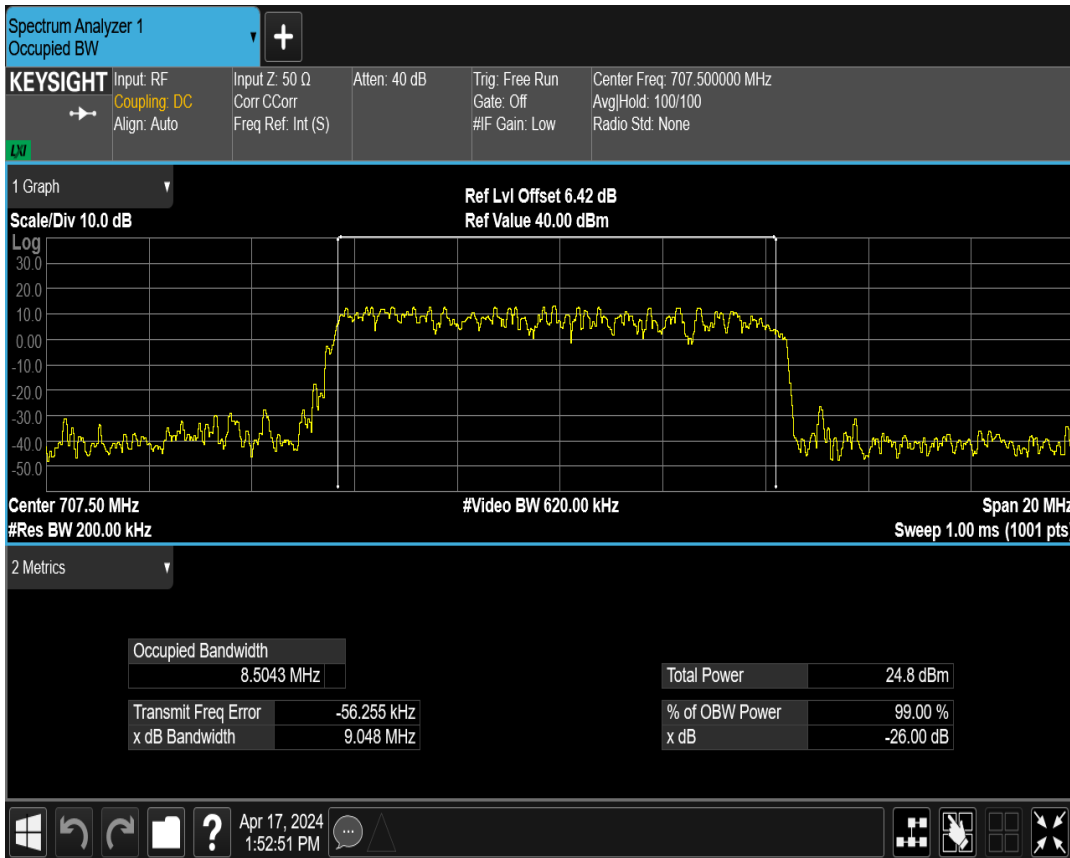




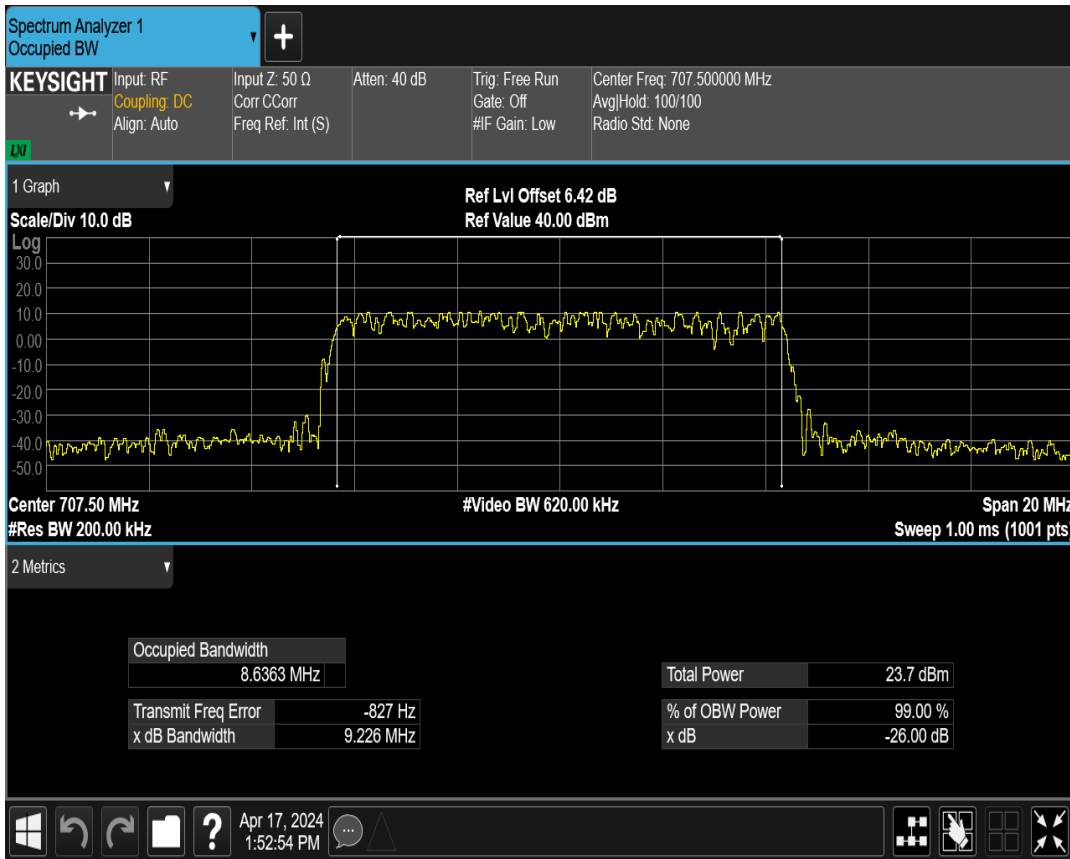
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=141500 RB=24@0



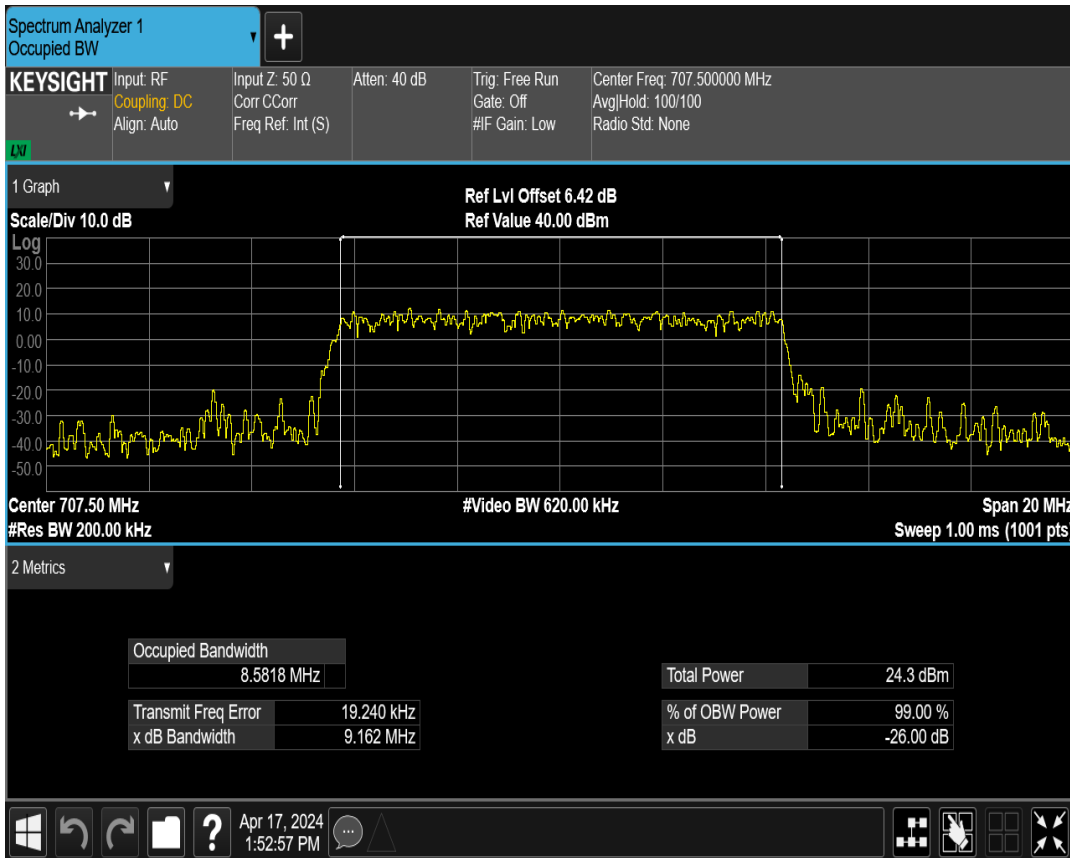
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=141500 RB=24@0



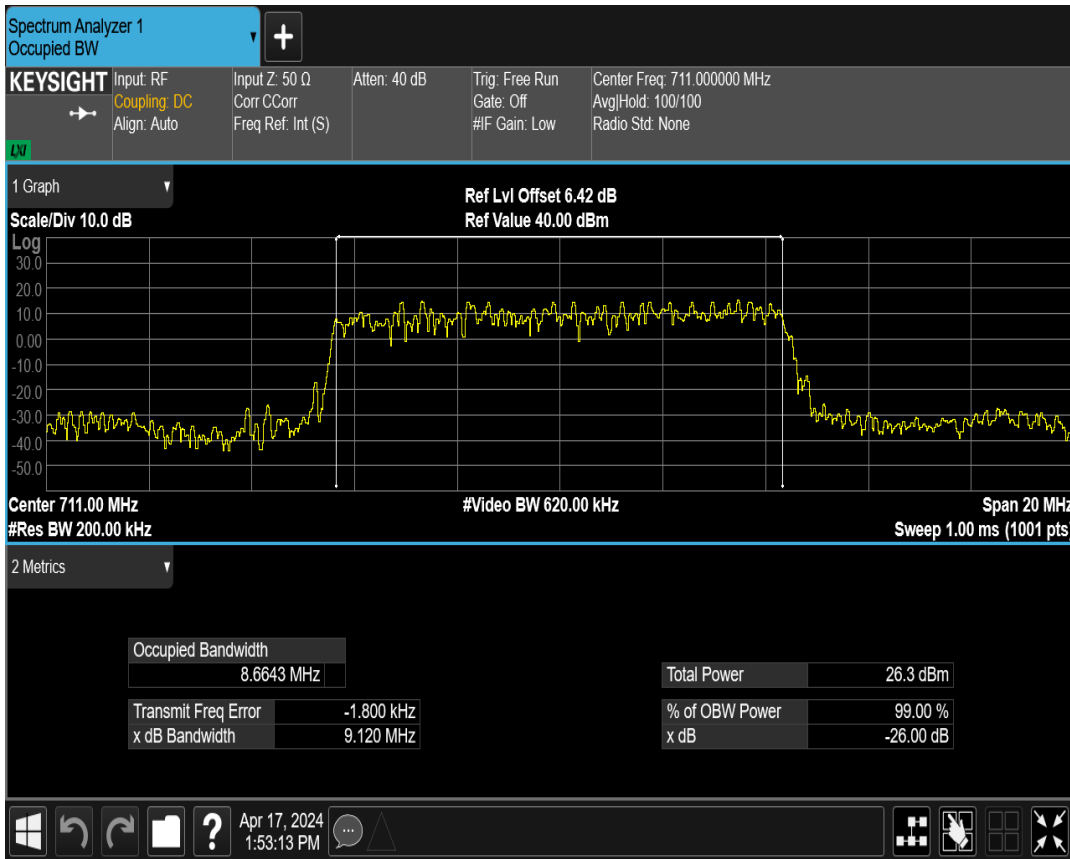
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=141500 RB=24@0



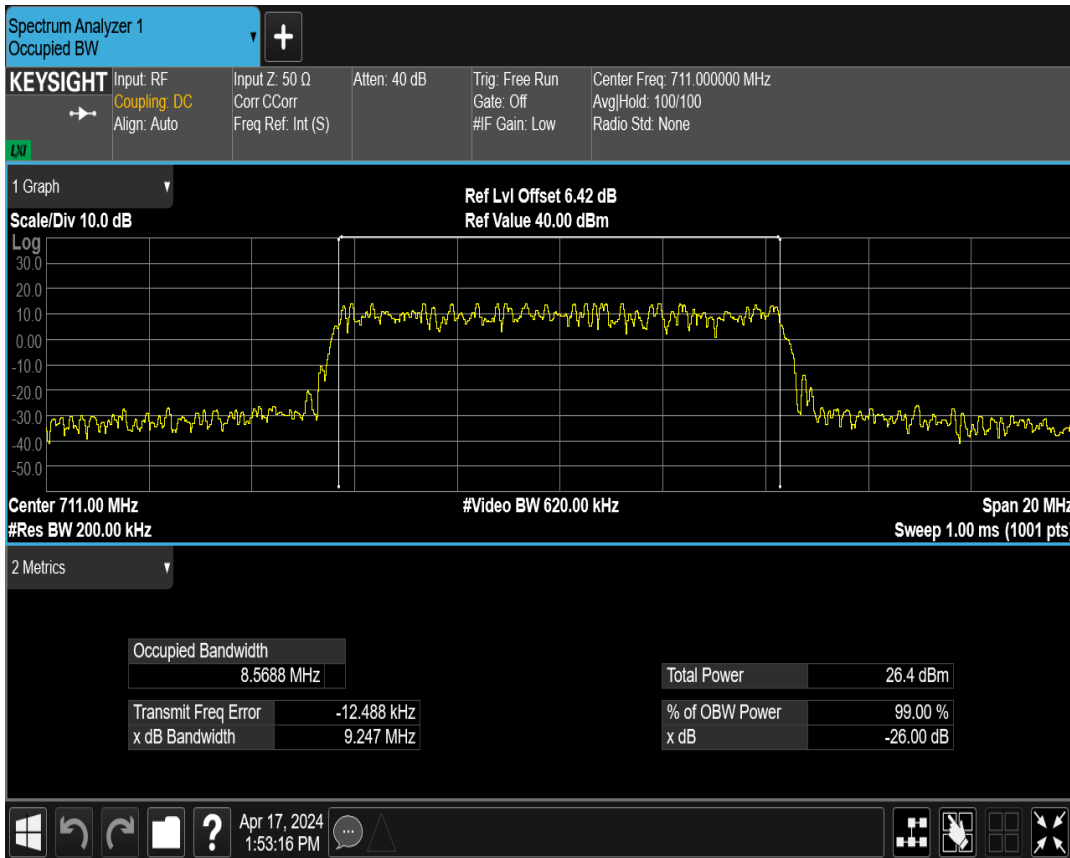
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=141500 RB=24@0



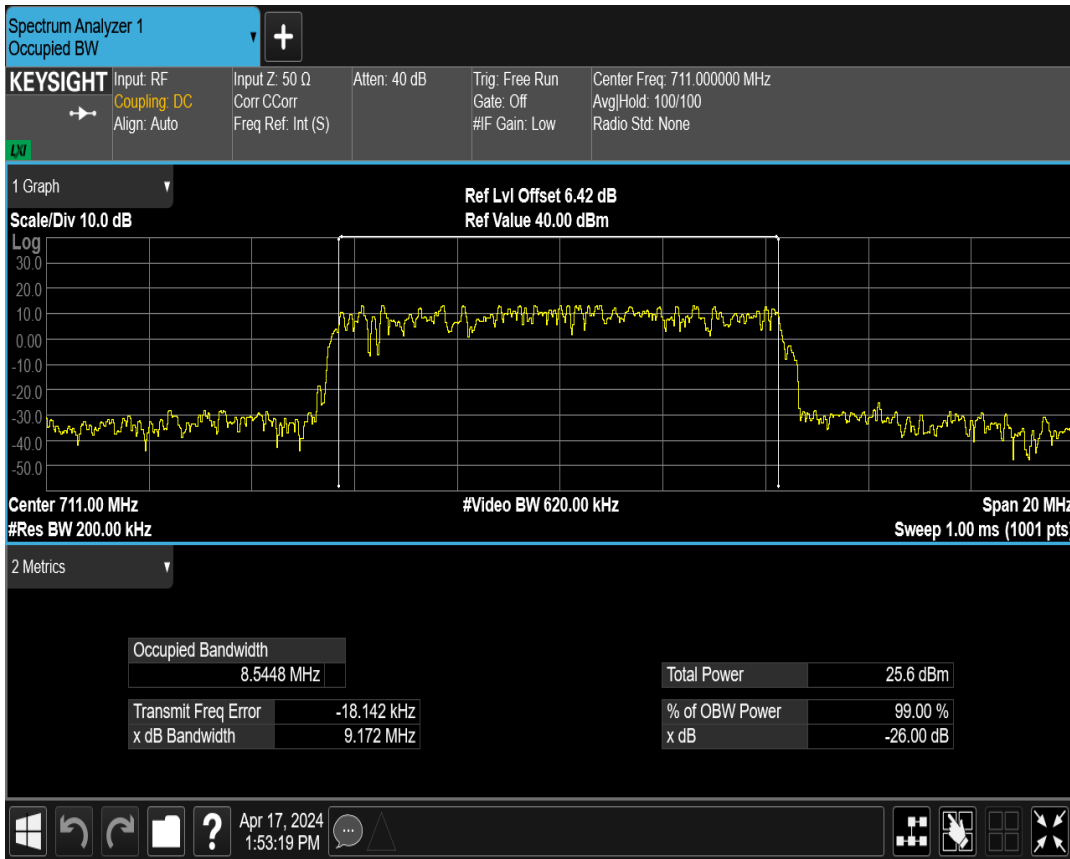
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=142200 RB=24@0



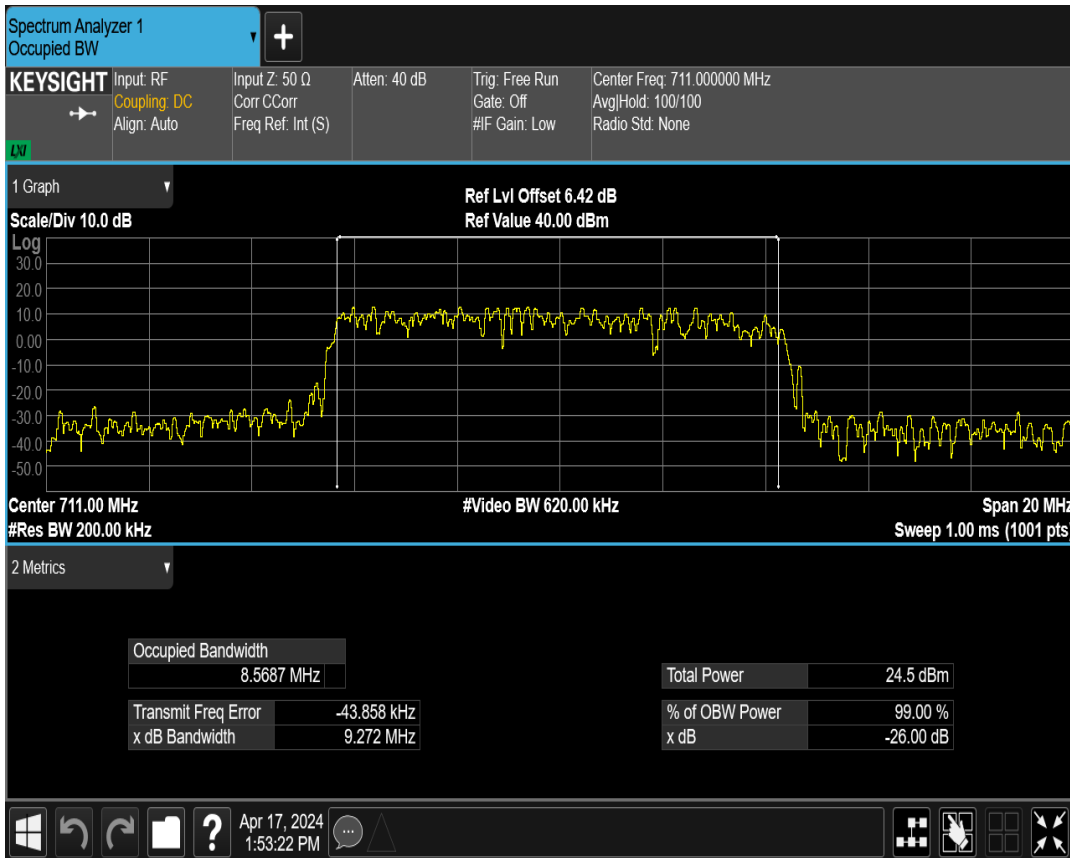
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=24@0



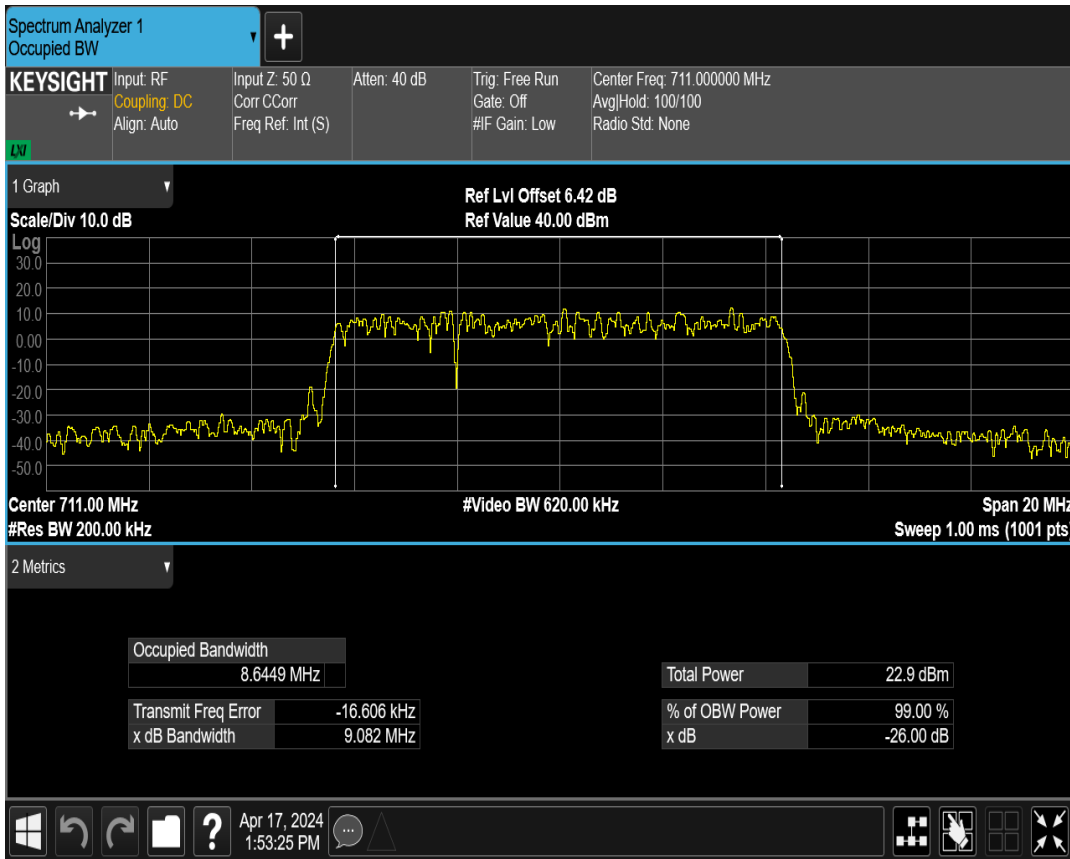
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=142200 RB=24@0



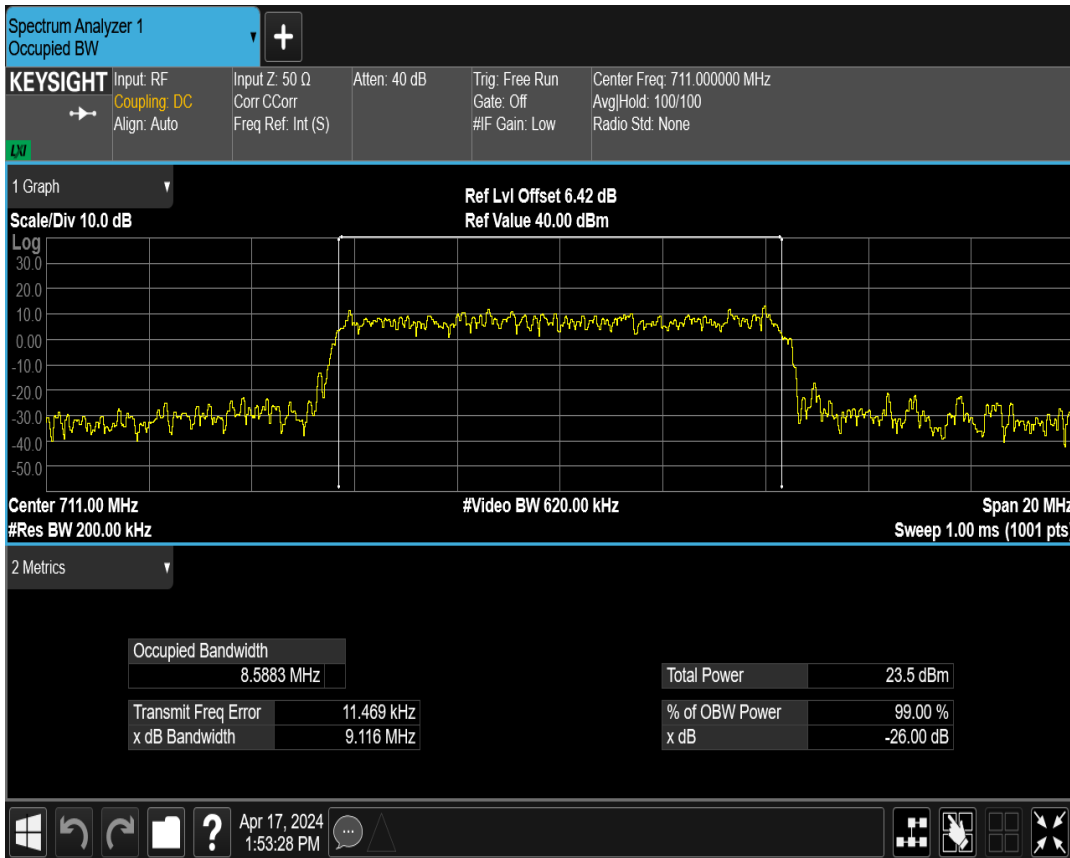
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=142200 RB=24@0



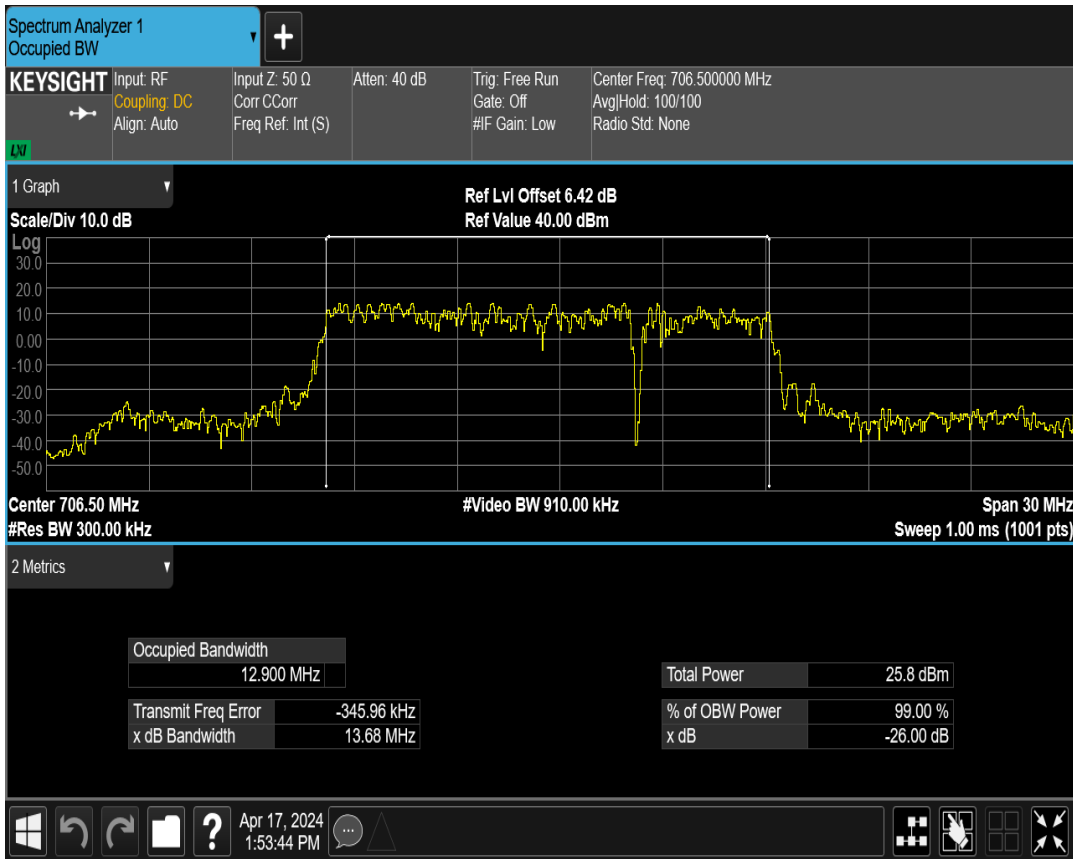
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=142200 RB=24@0



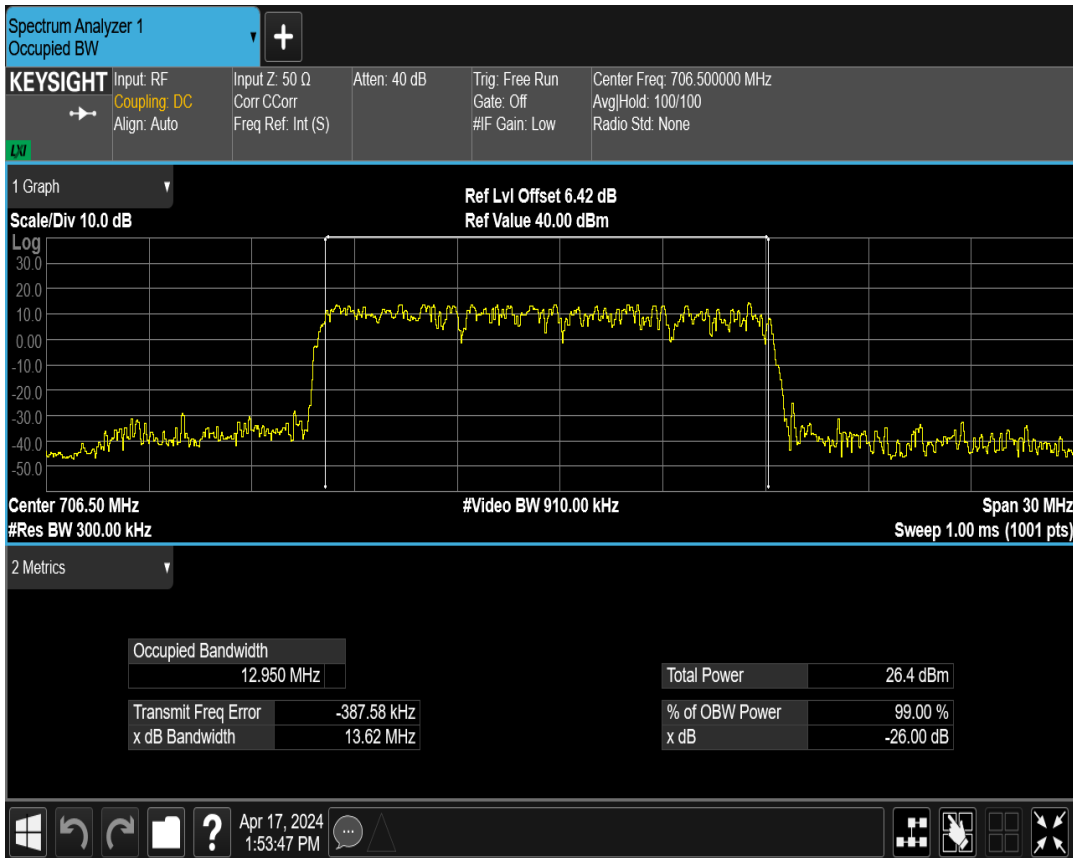
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=142200 RB=24@0



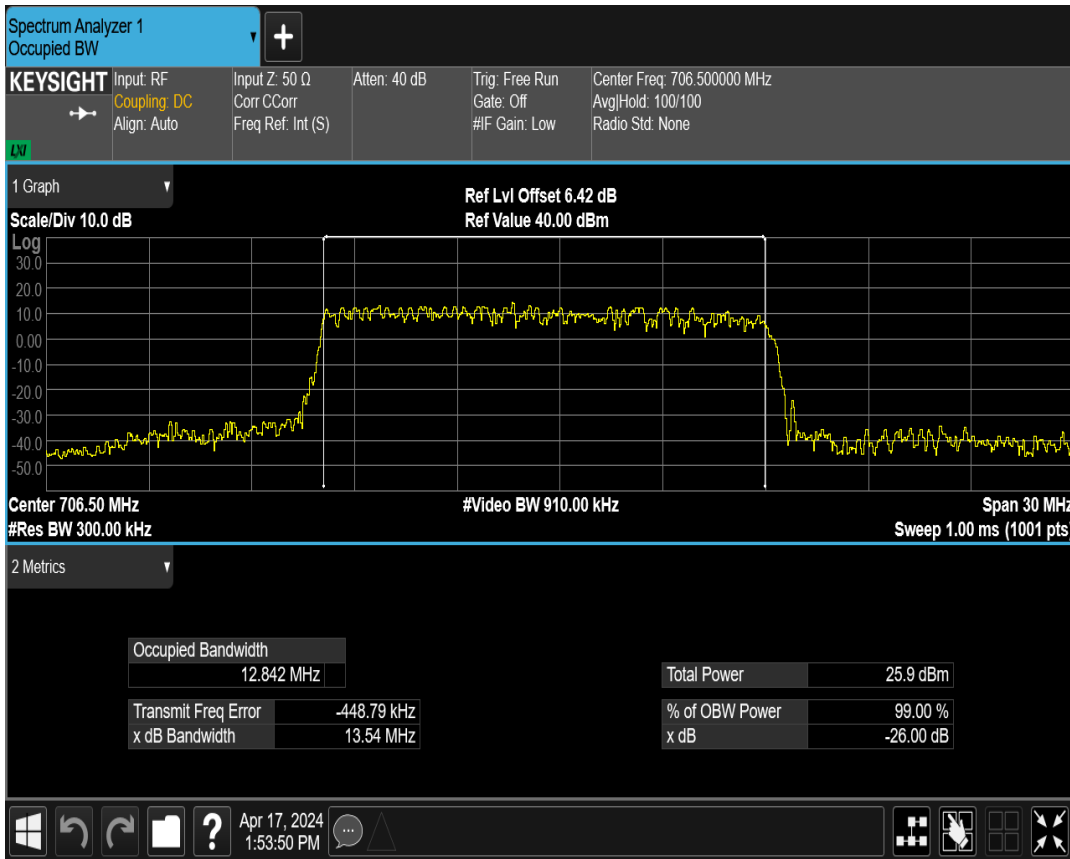
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141300 RB=36@0



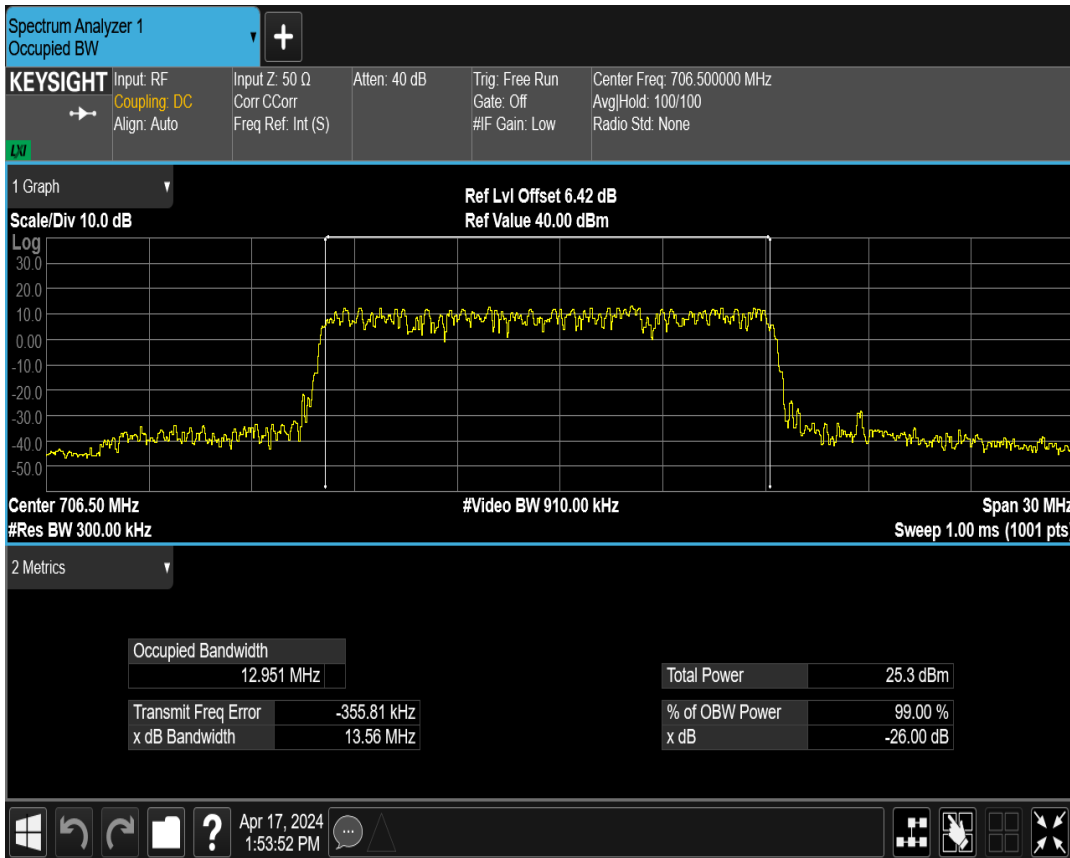
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141300 RB=36@0



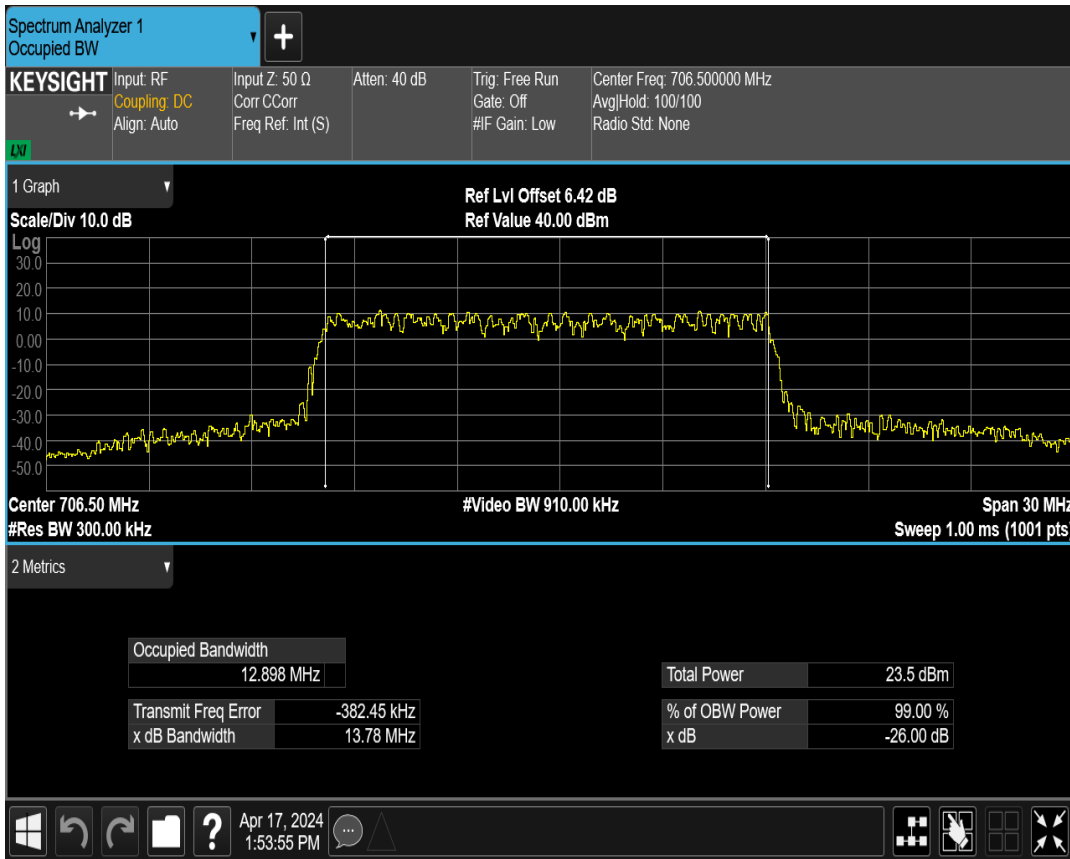
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141300 RB=36@0



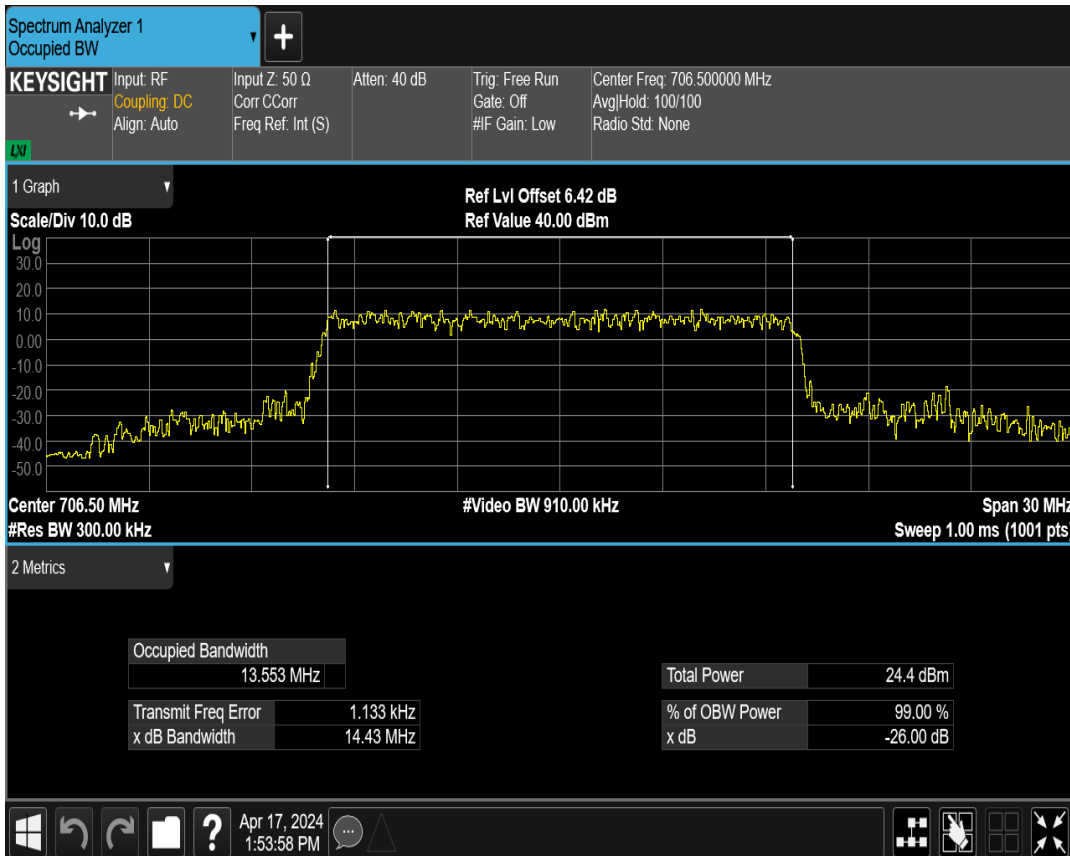
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141300 RB=36@0



n12 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=141300 RB=36@0

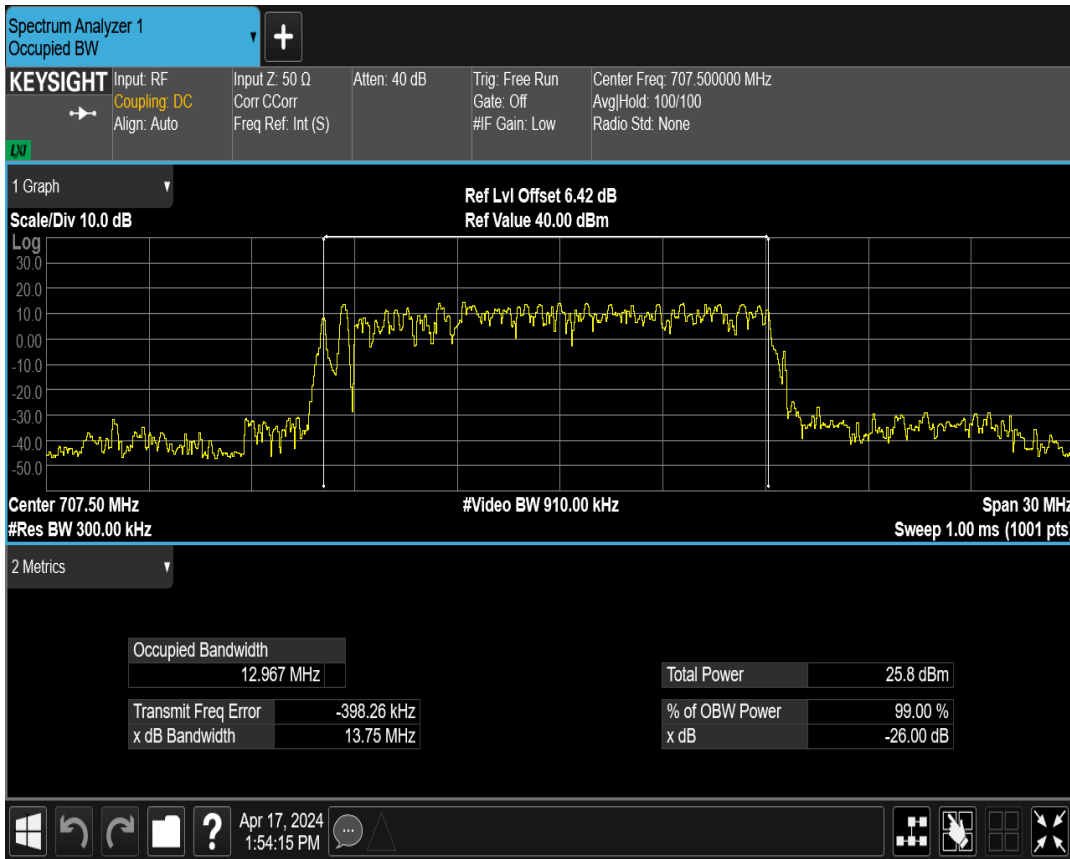


n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141300 RB=38@0

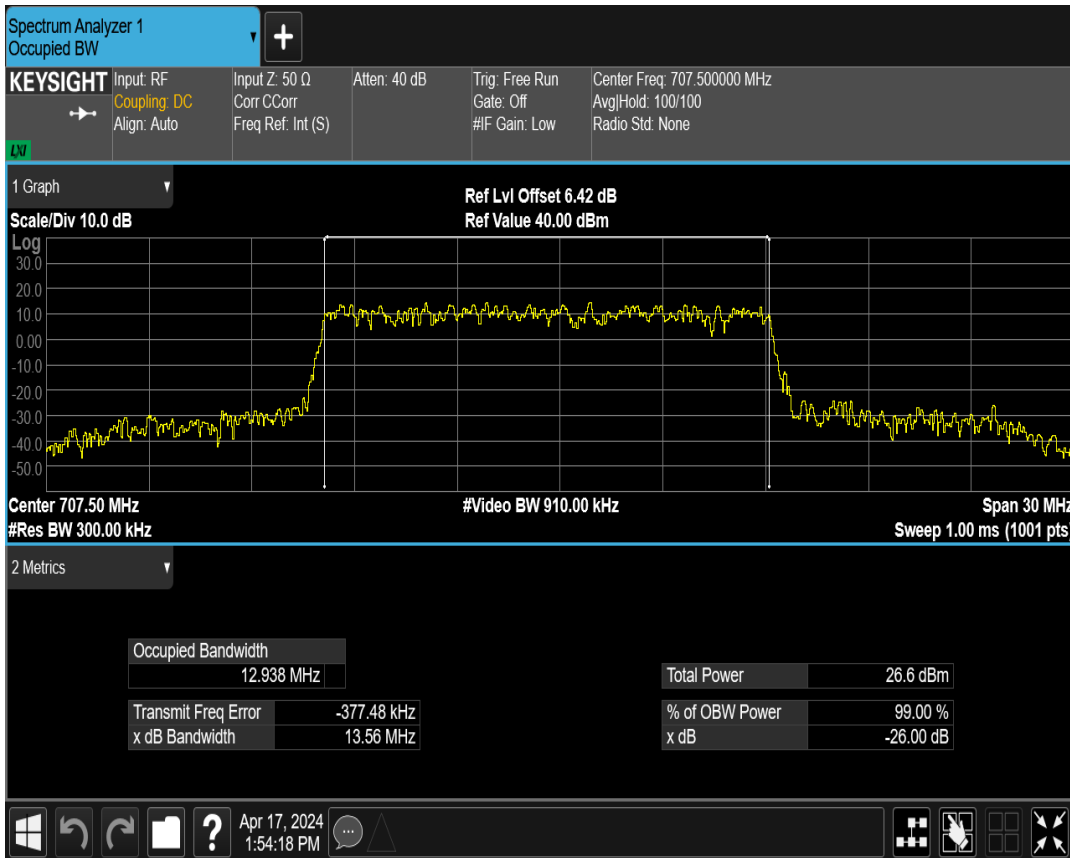




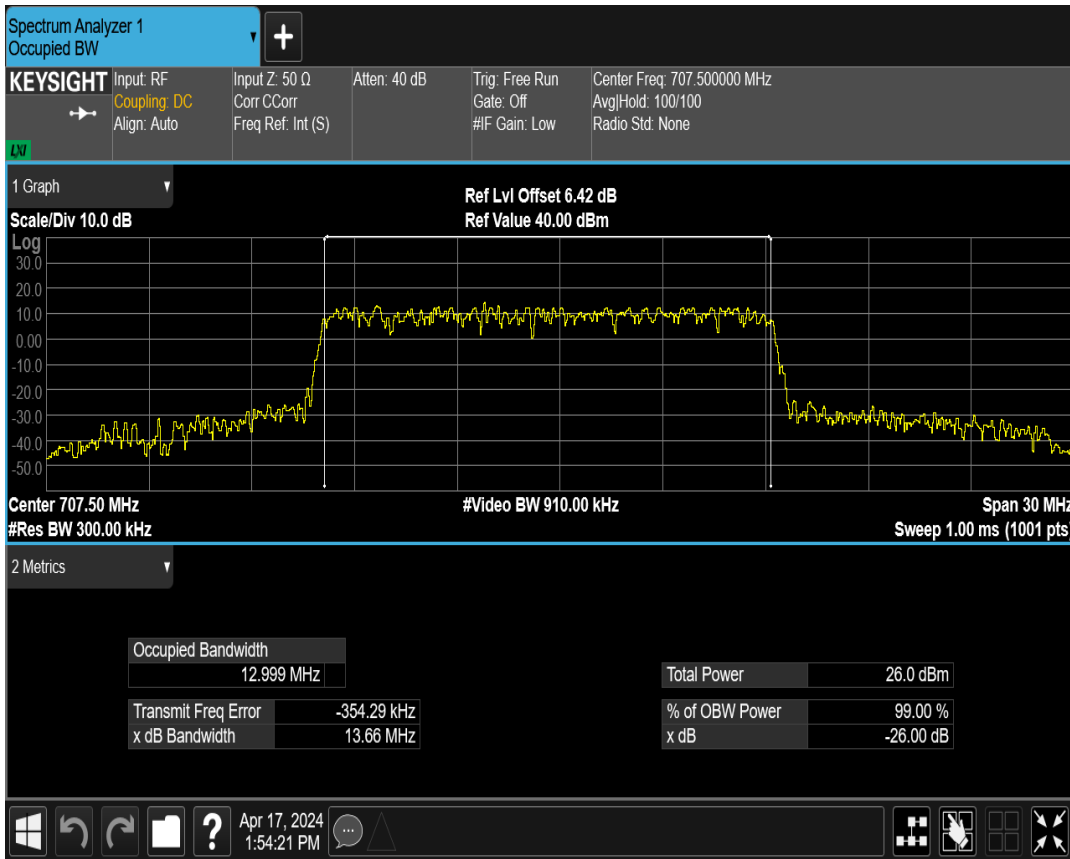
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141500 RB=36@0



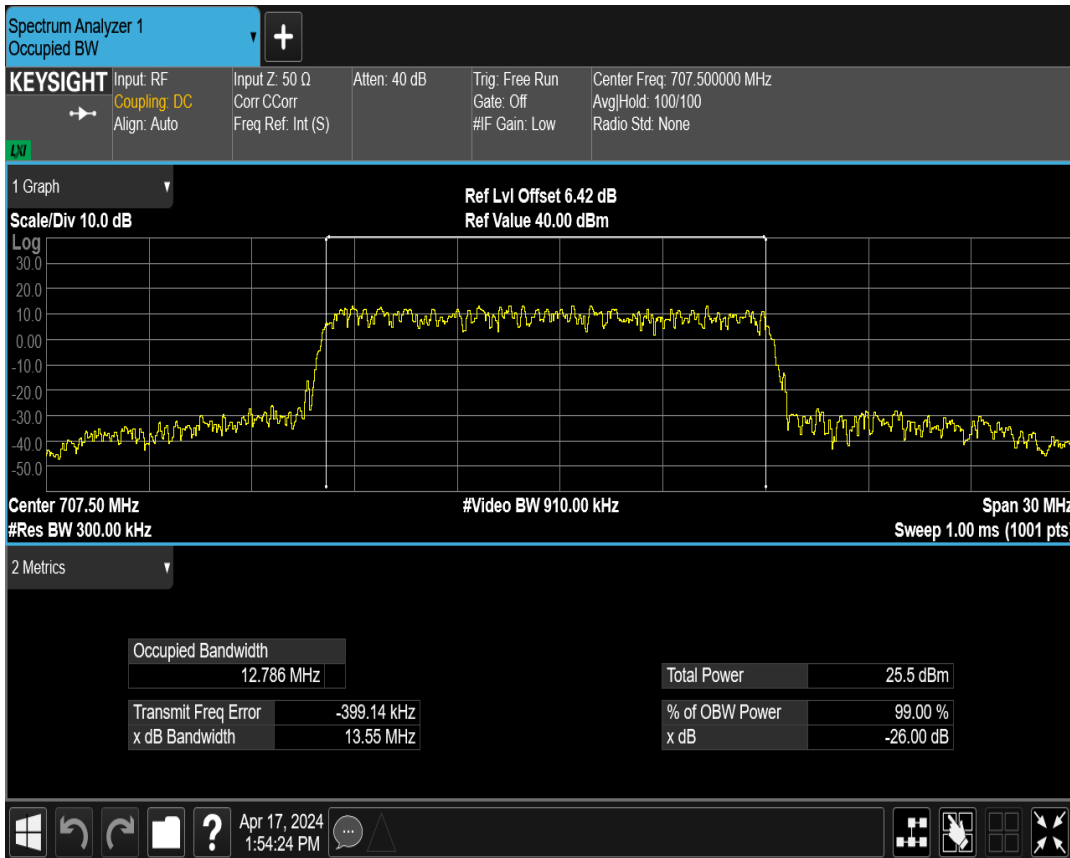
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141500 RB=36@0



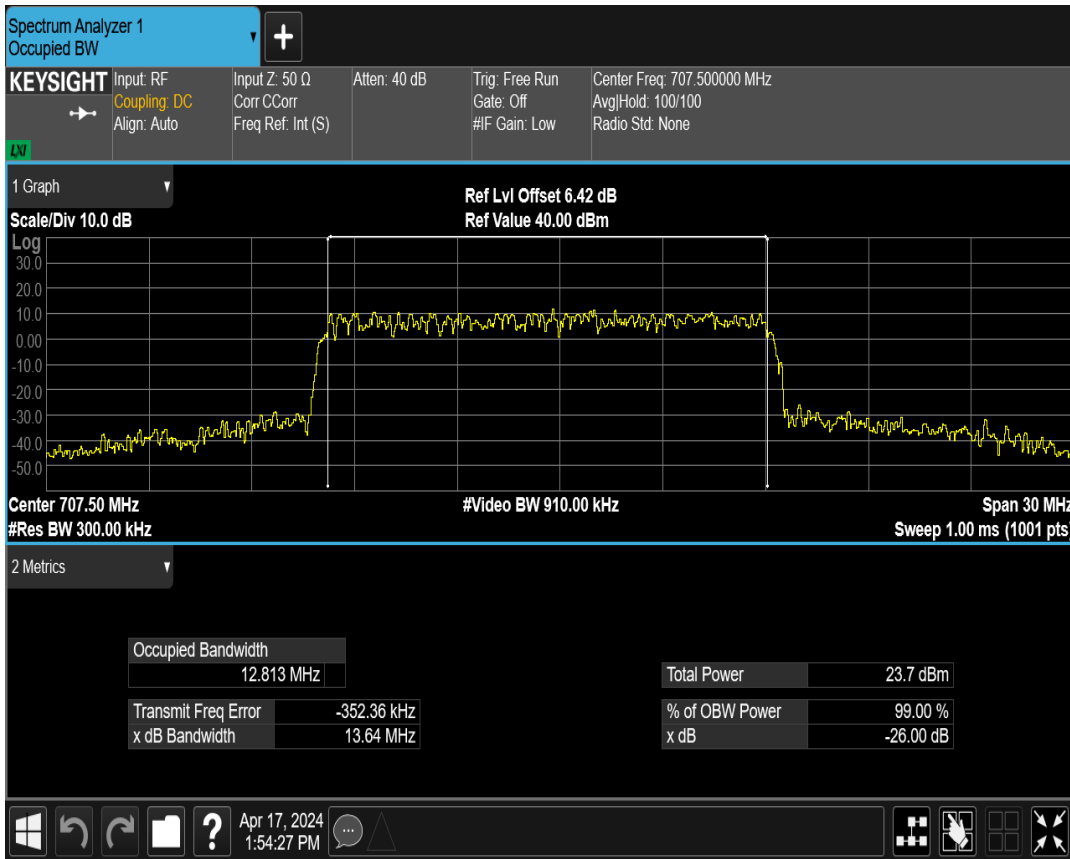
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141500 RB=36@0



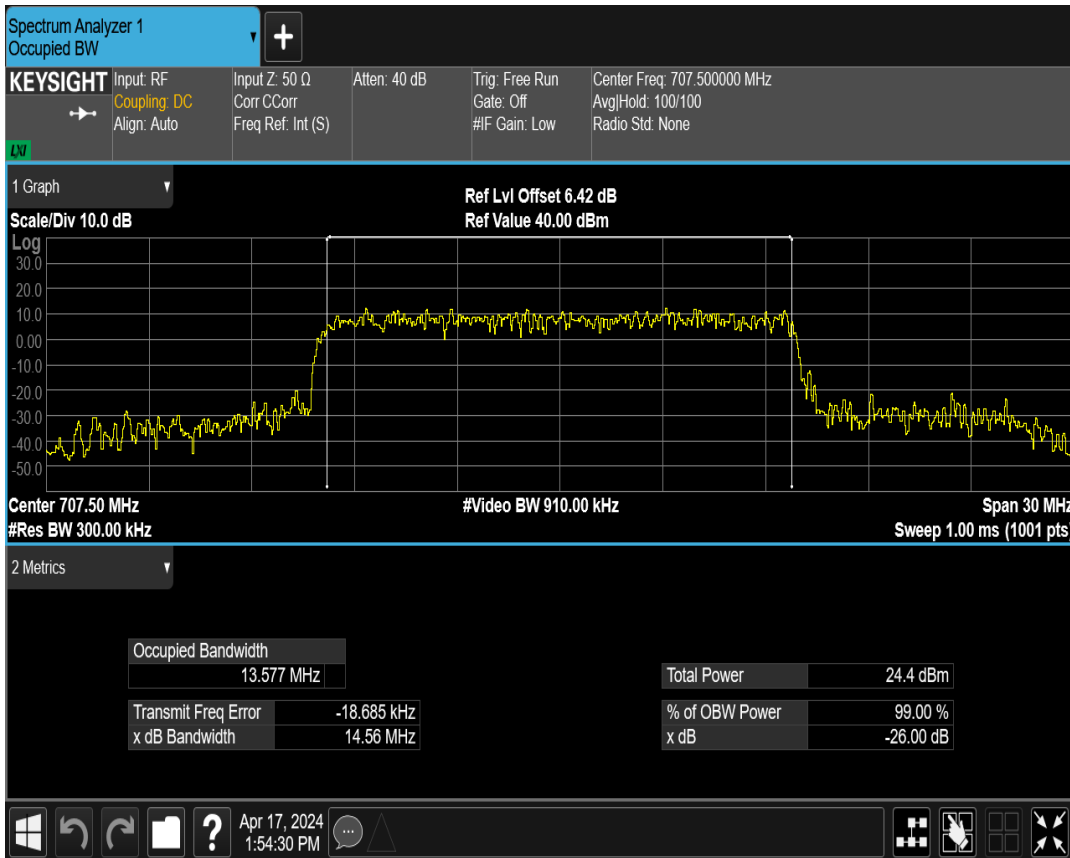
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141500 RB=36@0



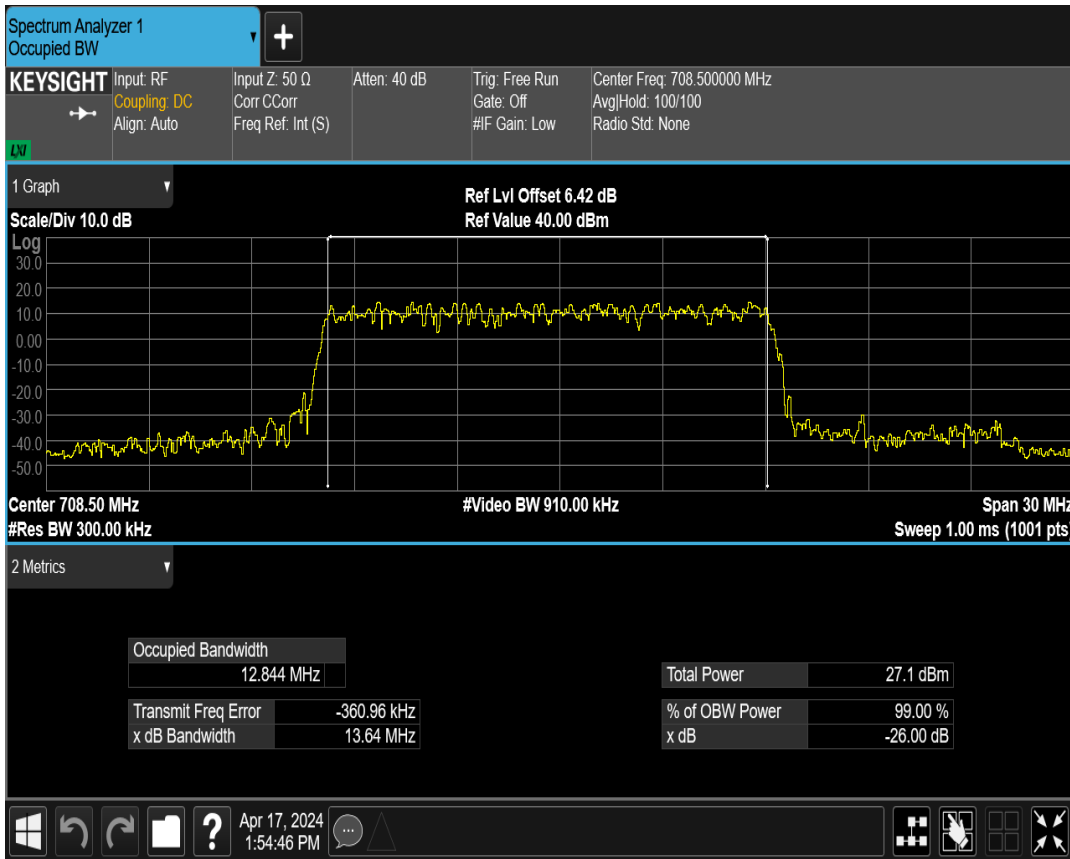
n12 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=141500 RB=36@0



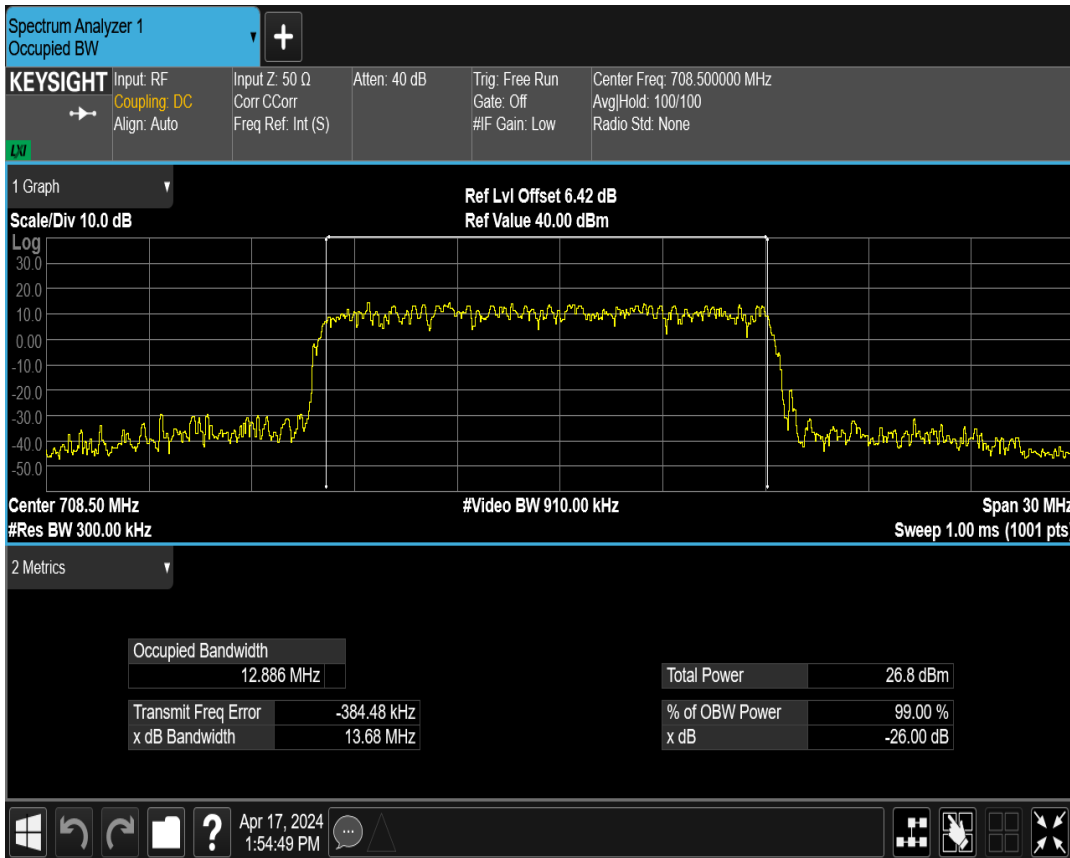
n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141500 RB=38@0



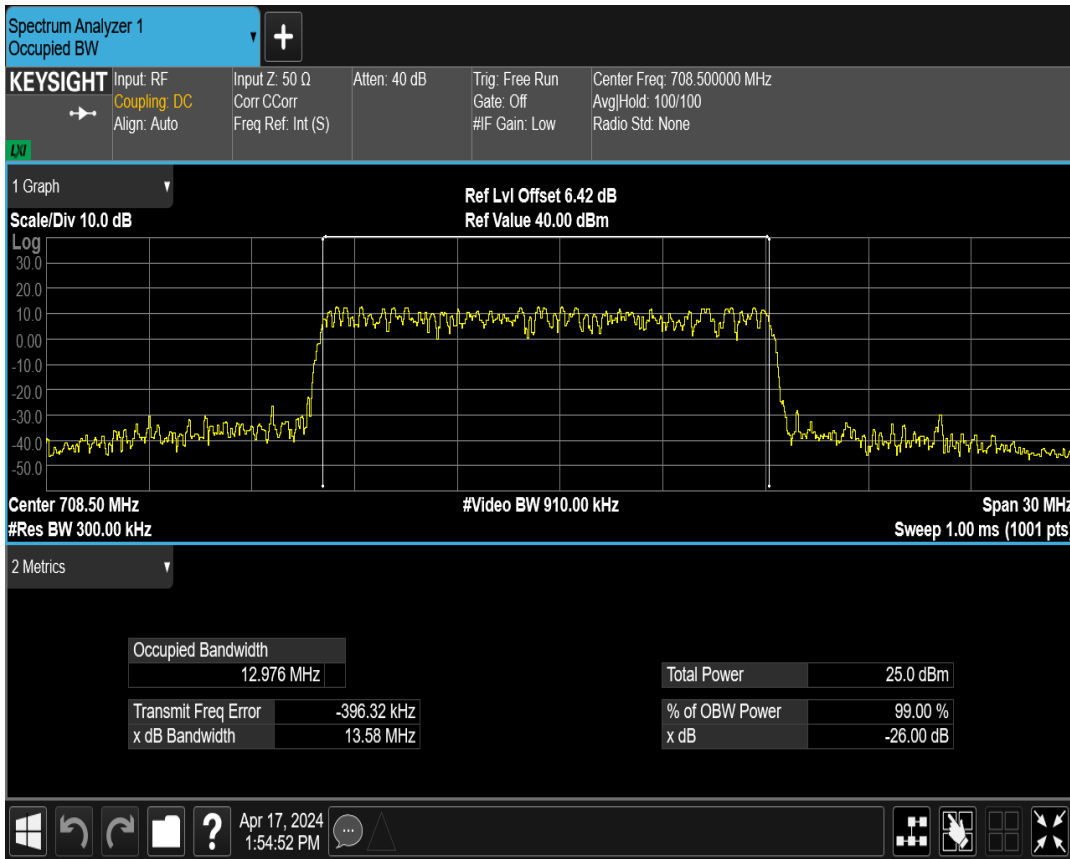
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141700 RB=36@0



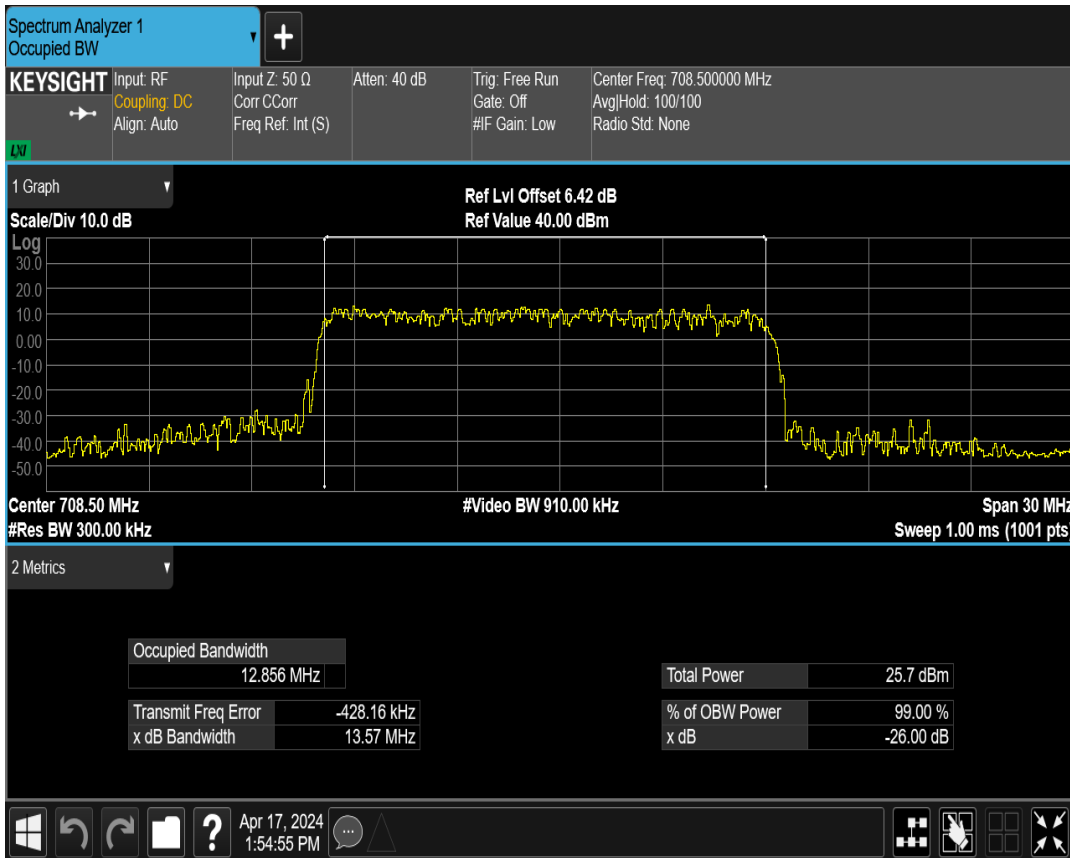
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=36@0



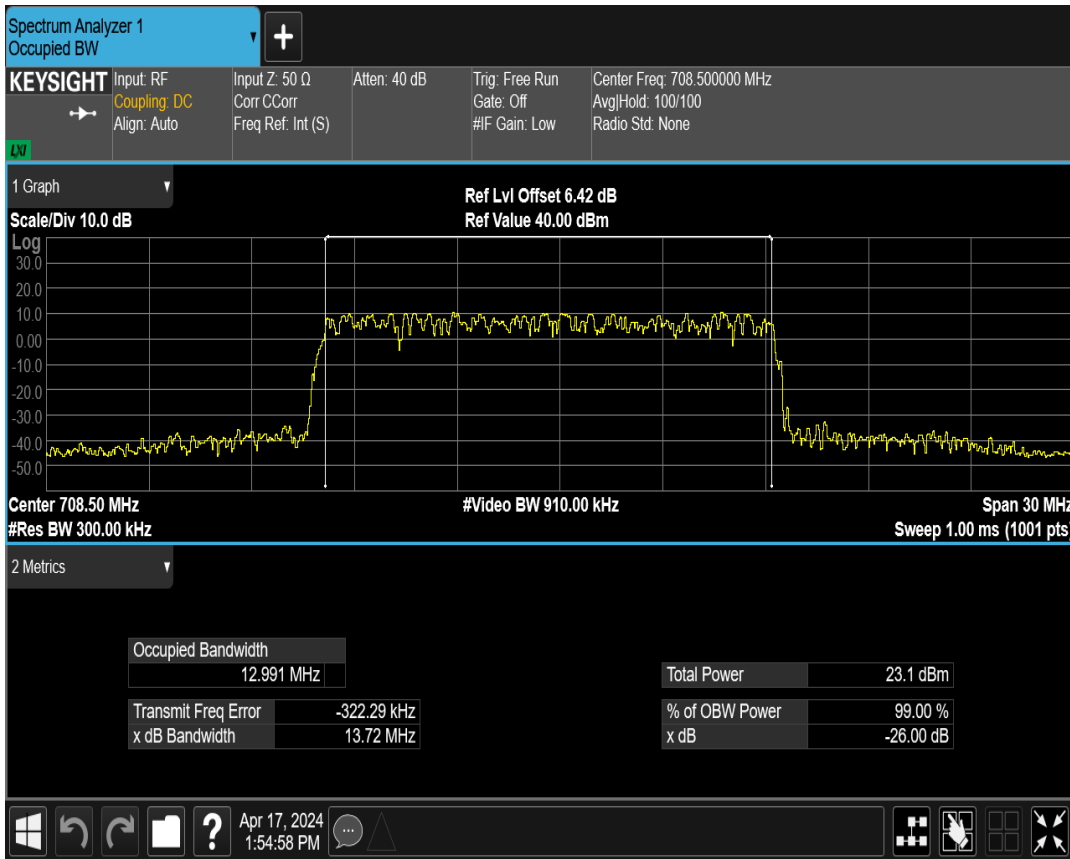
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141700 RB=36@0



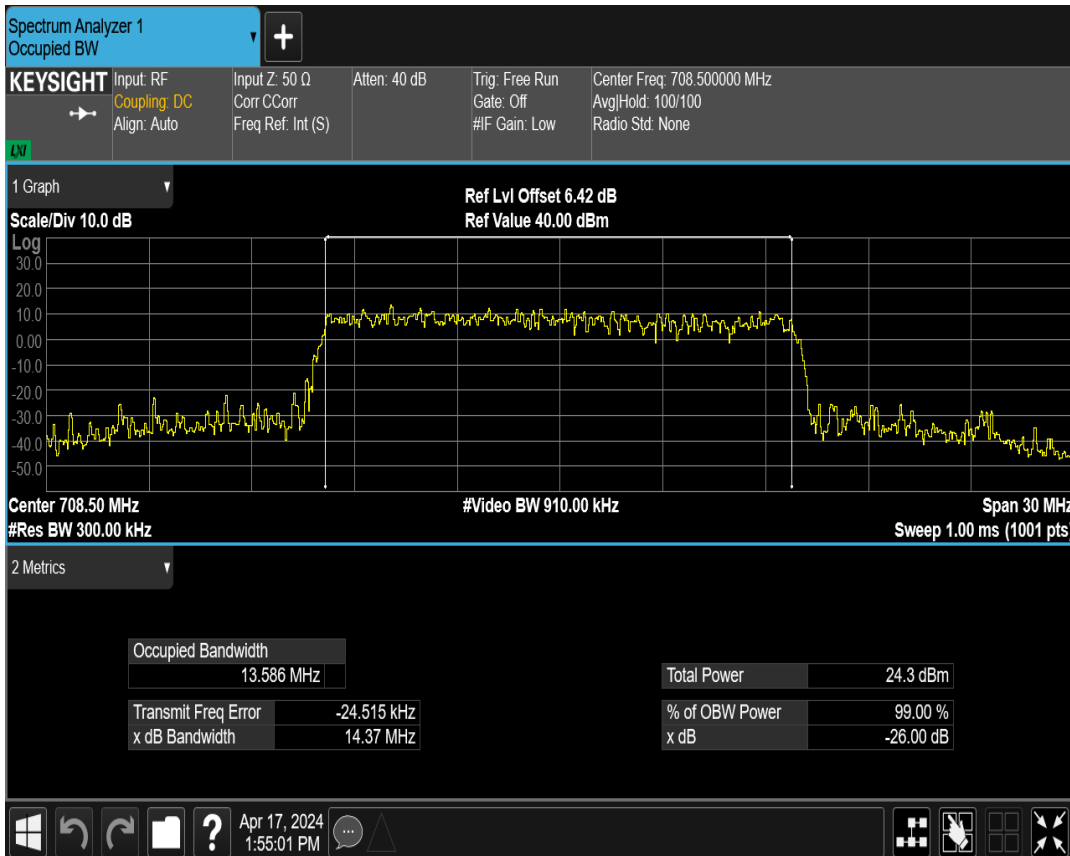
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141700 RB=36@0



n12 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=141700 RB=36@0



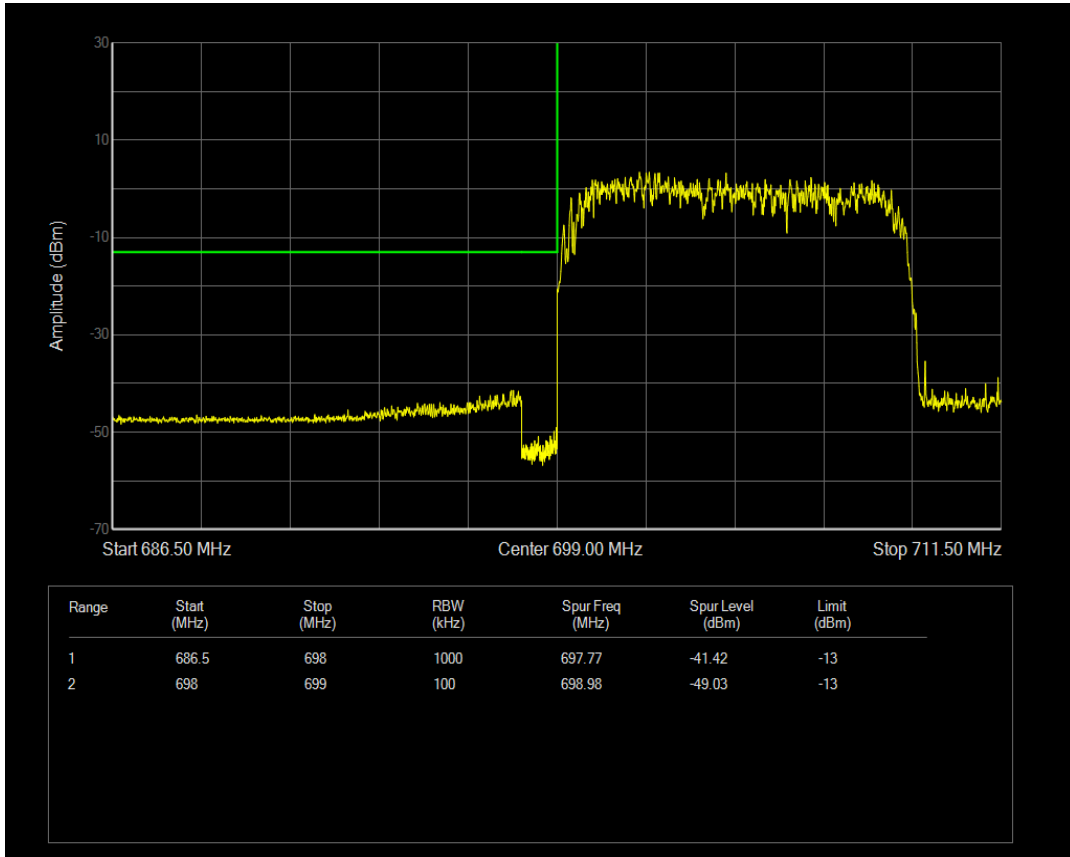
n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141700 RB=38@0



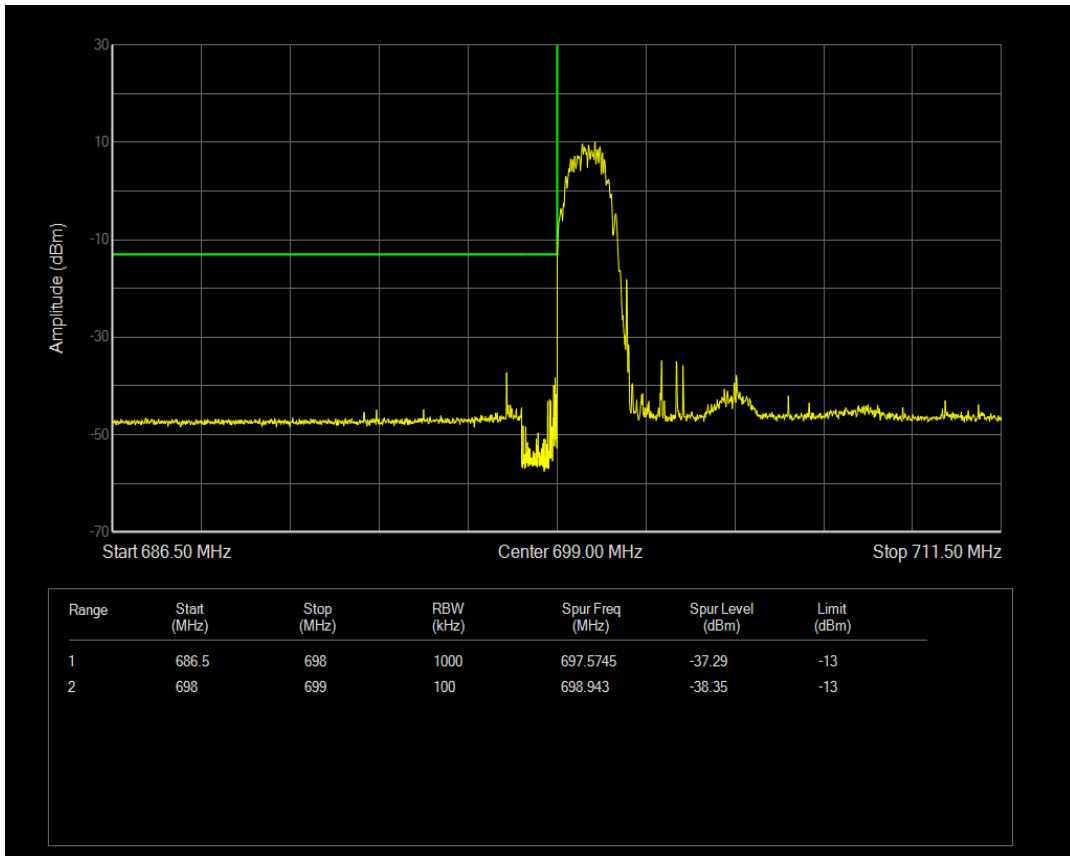
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n12	30	10	140800	24@0	DFT_QPSK	697.77	-41.42	-13	PASS
n12	30	10	140800	1@0	DFT_QPSK	697.57	-37.29	-13	PASS
n12	30	10	142200	24@0	DFT_QPSK	718.41	-41.29	-13	PASS
n12	30	10	142200	1@23	DFT_QPSK	718.37	-37.63	-13	PASS
n12	30	15	141300	36@0	DFT_QPSK	697.47	-37.90	-13	PASS
n12	30	15	141300	1@0	DFT_QPSK	698.97	-34.82	-13	PASS
n12	30	15	141700	36@0	DFT_QPSK	718.53	-39.13	-13	PASS
n12	30	15	141700	1@37	DFT_QPSK	716.01	-40.79	-13	PASS

n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=140800 RB=24@0

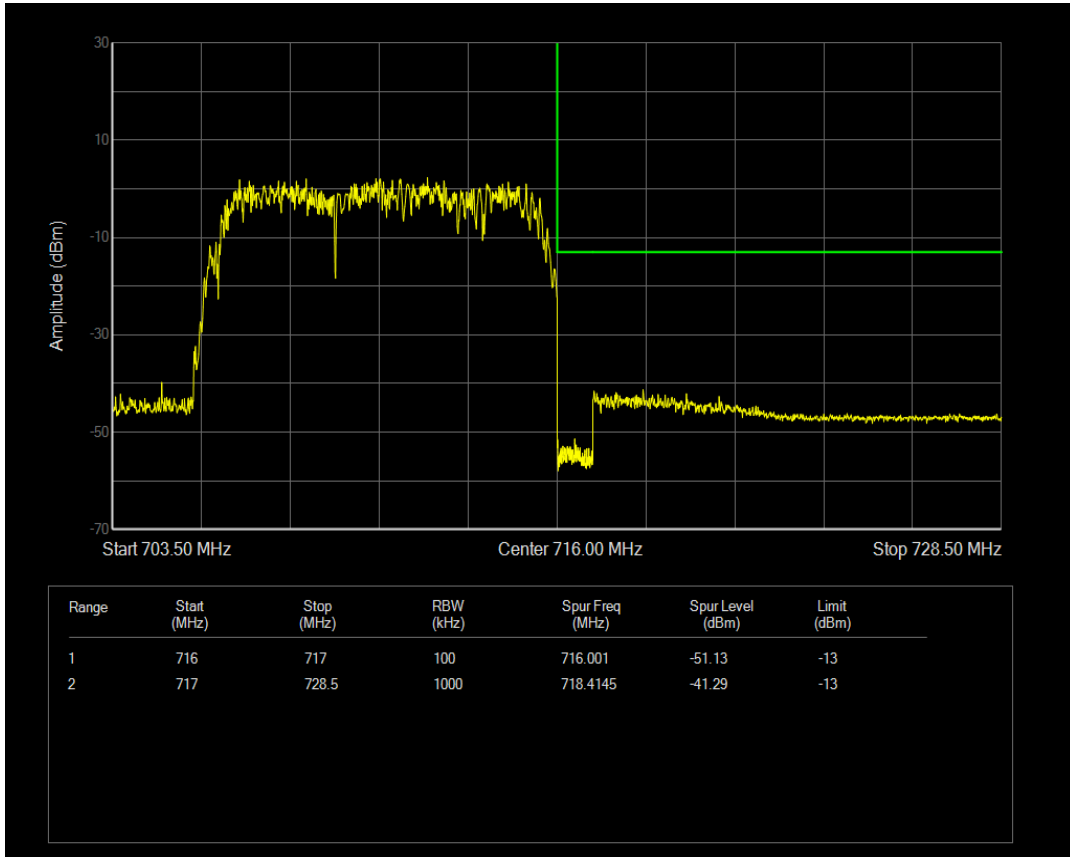


n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=140800 RB=1@0

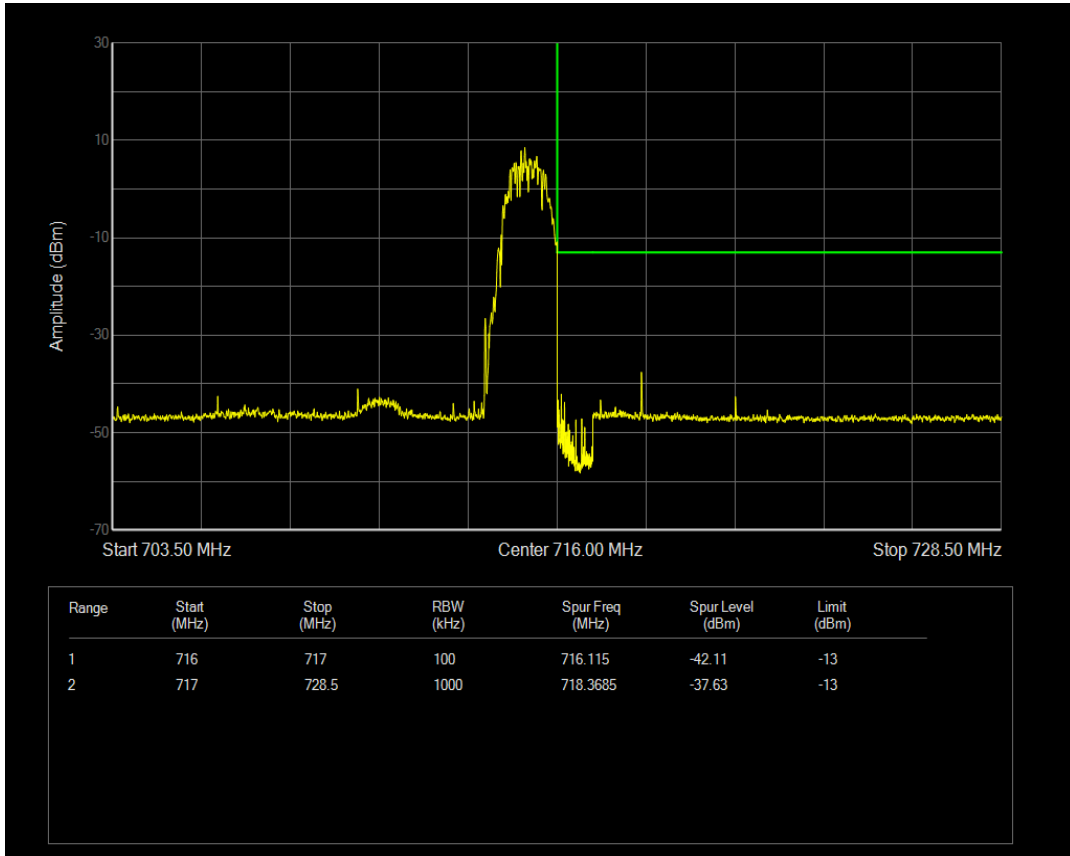




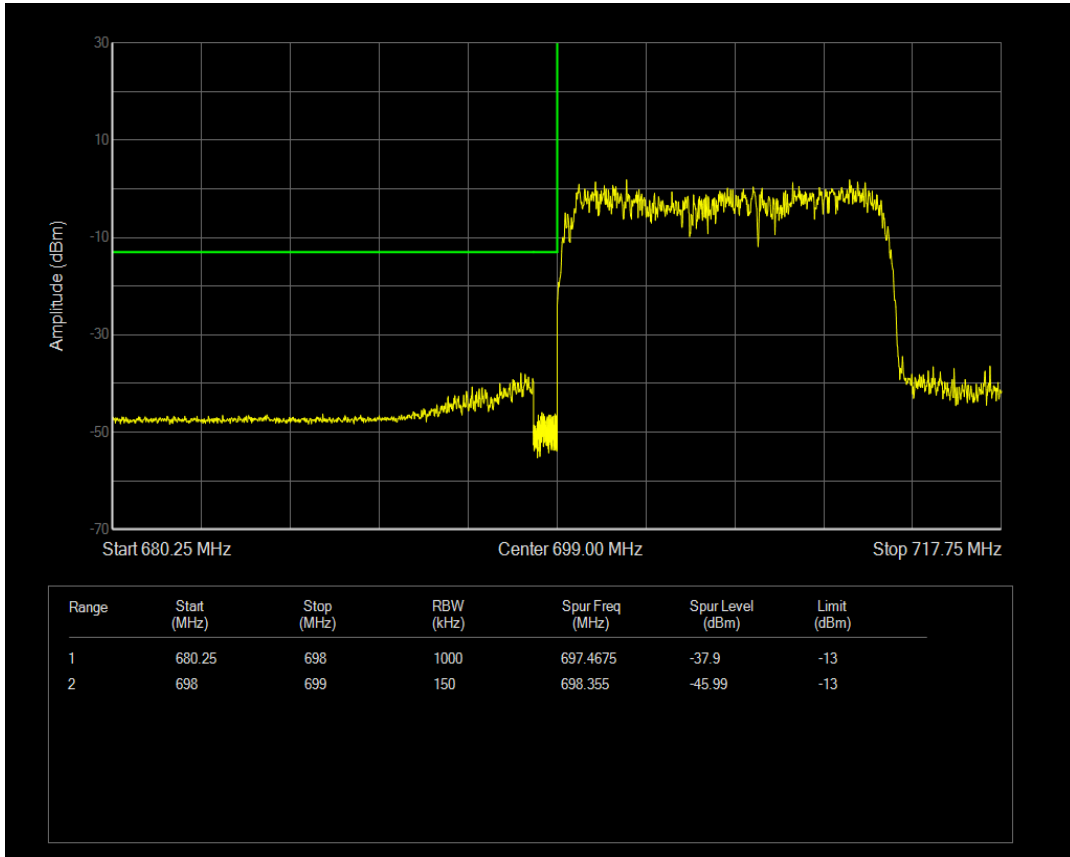
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=24@0



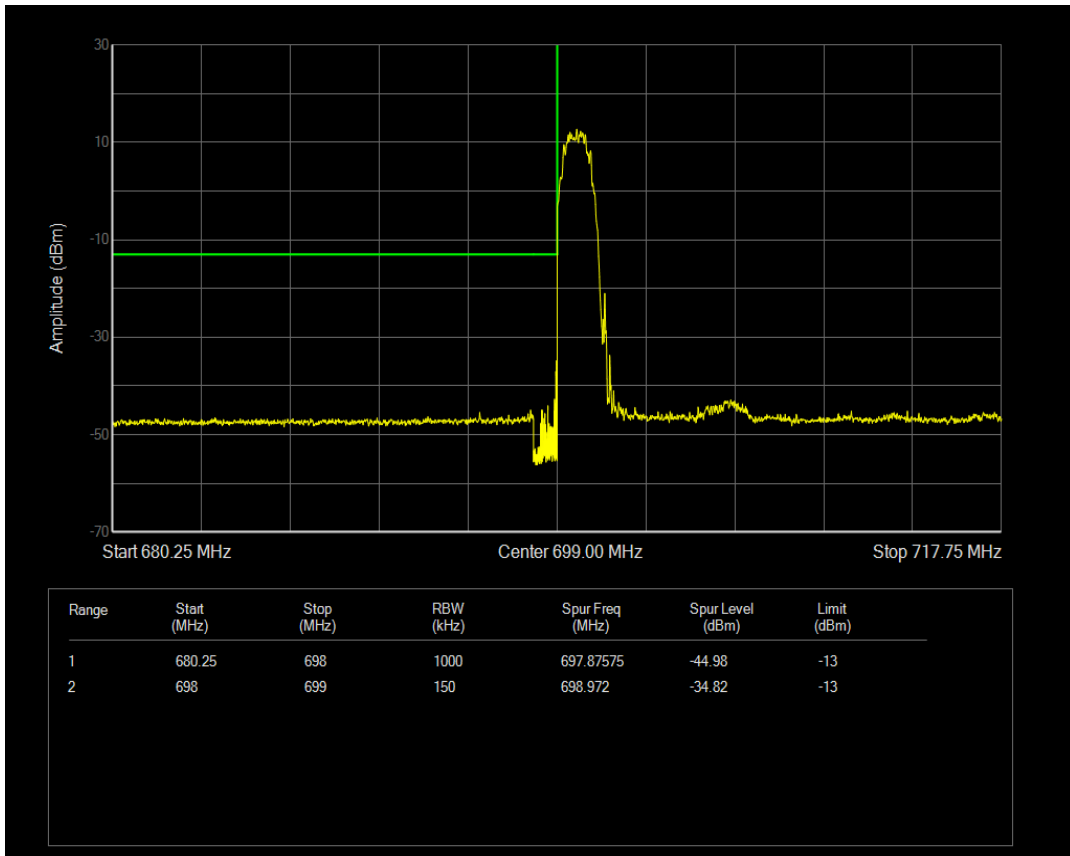
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=1@23



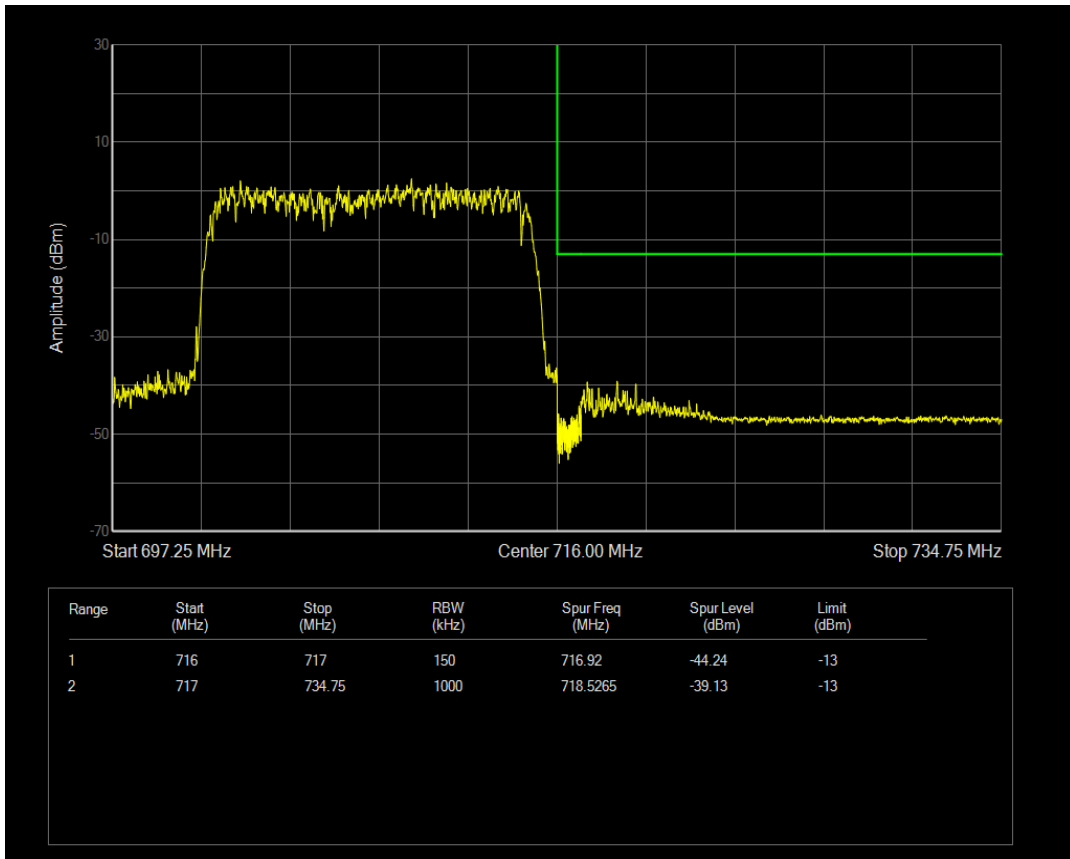
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141300 RB=36@0



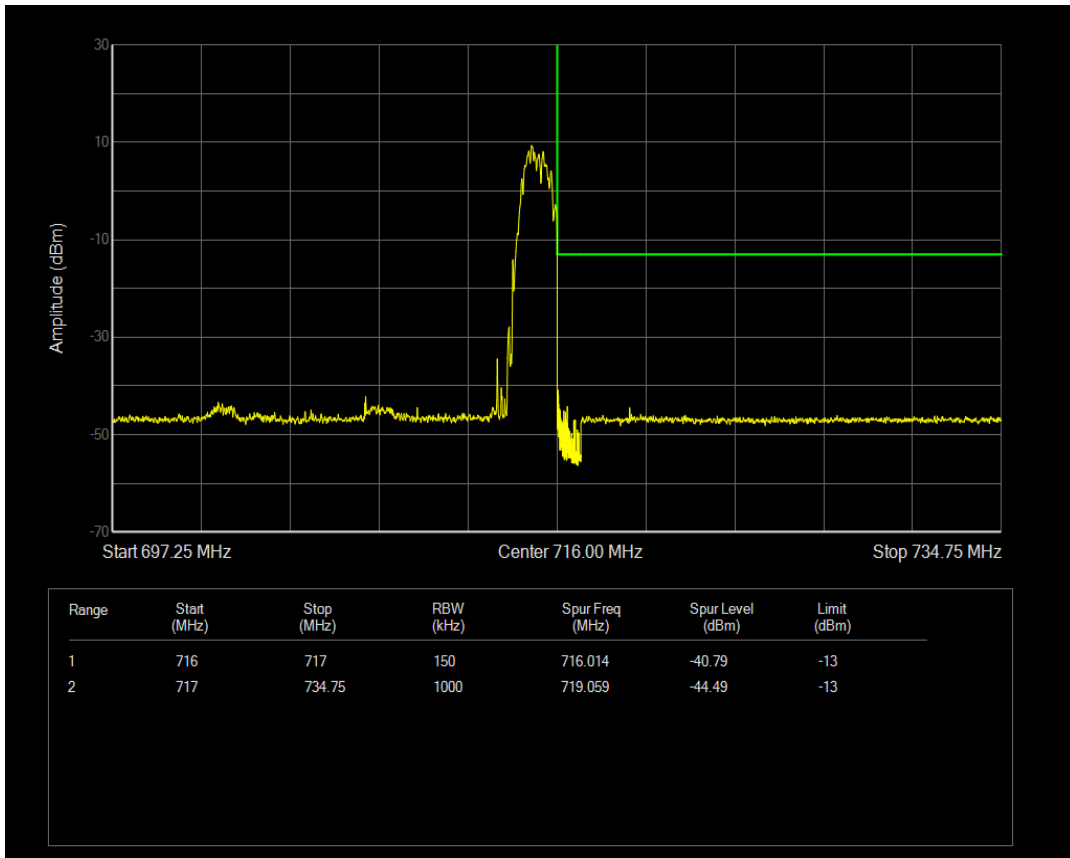
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141300 RB=1@0



n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=36@0



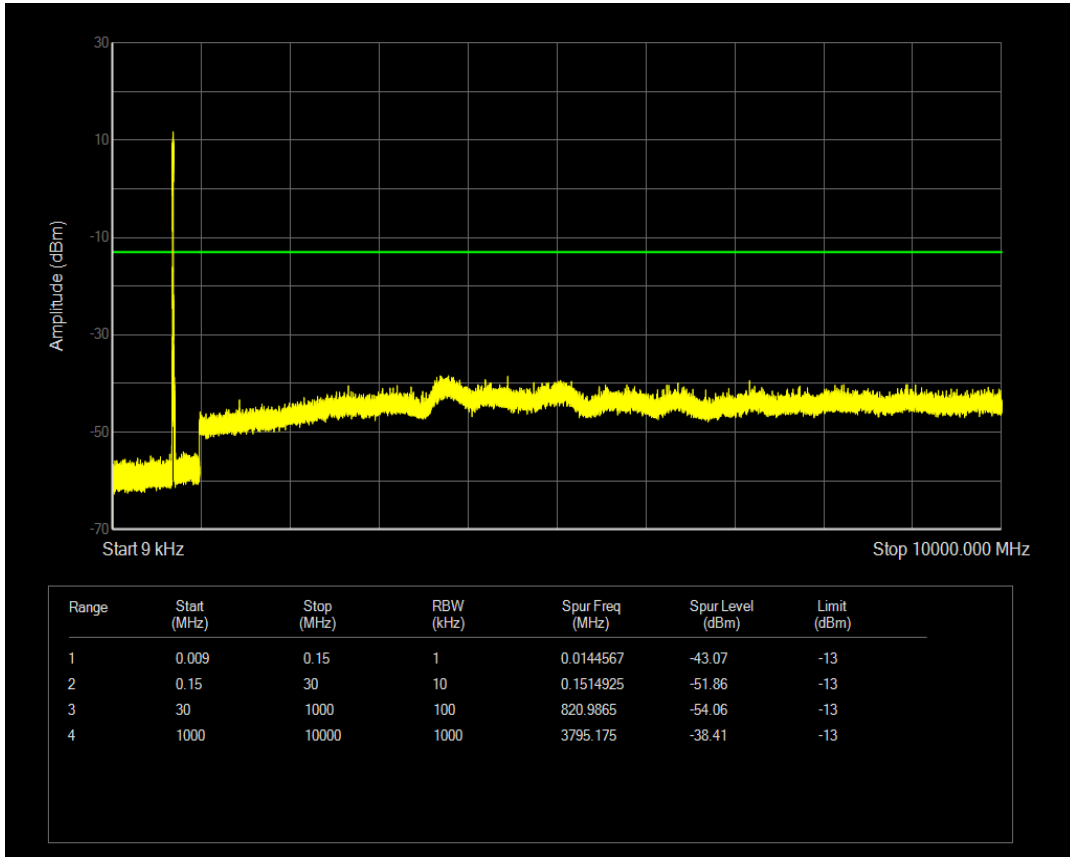
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@37



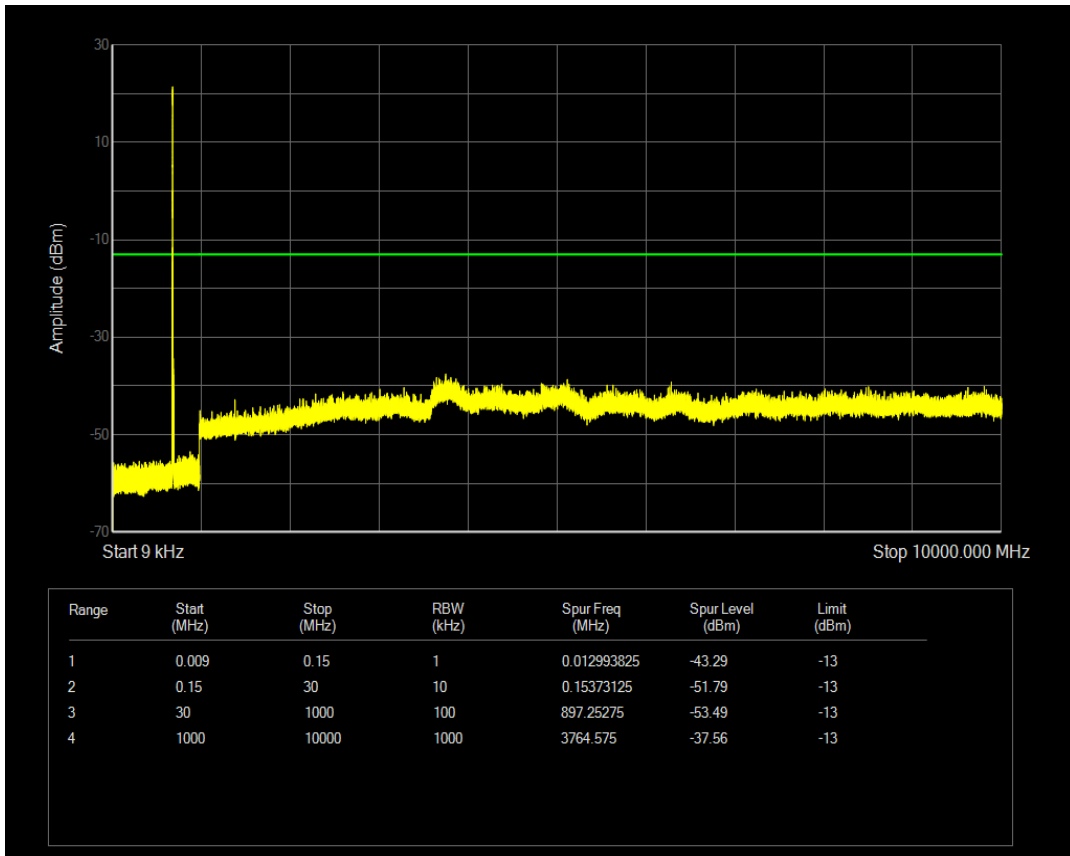
### 6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n12	30	10	140800	24@0	DFT_QPSK	3795.18	-38.41	-13	PASS
n12	30	10	140800	1@0	DFT_QPSK	3764.58	-37.56	-13	PASS
n12	30	10	140800	1@23	DFT_QPSK	3781.68	-37.76	-13	PASS
n12	30	10	141500	24@0	DFT_QPSK	3790.00	-38.20	-13	PASS
n12	30	10	141500	1@0	DFT_QPSK	3829.60	-37.68	-13	PASS
n12	30	10	141500	1@23	DFT_QPSK	3758.73	-37.91	-13	PASS
n12	30	10	142200	24@0	DFT_QPSK	3804.85	-37.26	-13	PASS
n12	30	10	142200	1@0	DFT_QPSK	3853.23	-38.04	-13	PASS
n12	30	10	142200	1@23	DFT_QPSK	3808.90	-37.65	-13	PASS
n12	30	15	141300	36@0	DFT_QPSK	3879.78	-38.31	-13	PASS
n12	30	15	141300	1@0	DFT_QPSK	3745.00	-37.71	-13	PASS
n12	30	15	141300	1@37	DFT_QPSK	3805.75	-38.17	-13	PASS
n12	30	15	141500	36@0	DFT_QPSK	3780.33	-37.54	-13	PASS
n12	30	15	141500	1@0	DFT_QPSK	3731.95	-37.78	-13	PASS
n12	30	15	141500	1@37	DFT_QPSK	3757.15	-37.06	-13	PASS
n12	30	15	141700	36@0	DFT_QPSK	3757.60	-37.38	-13	PASS
n12	30	15	141700	1@0	DFT_QPSK	3817.00	-37.23	-13	PASS
n12	30	15	141700	1@37	DFT_QPSK	5088.25	-38.26	-13	PASS

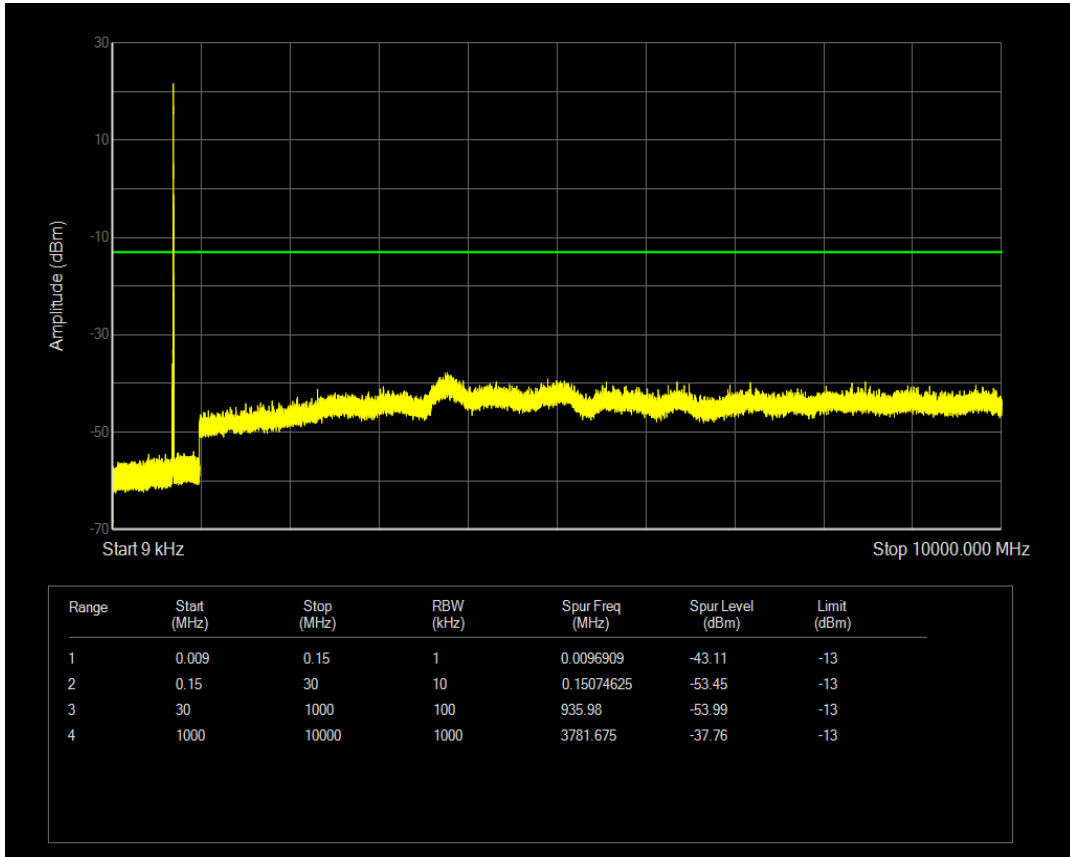
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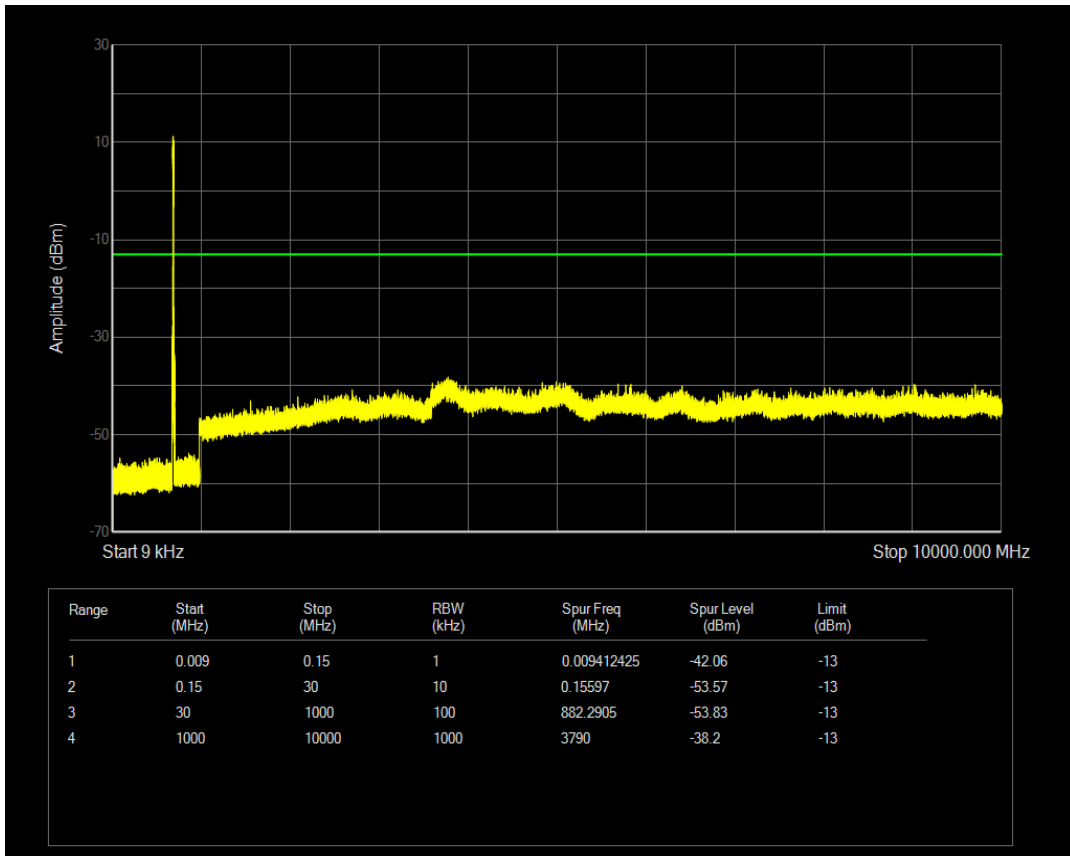
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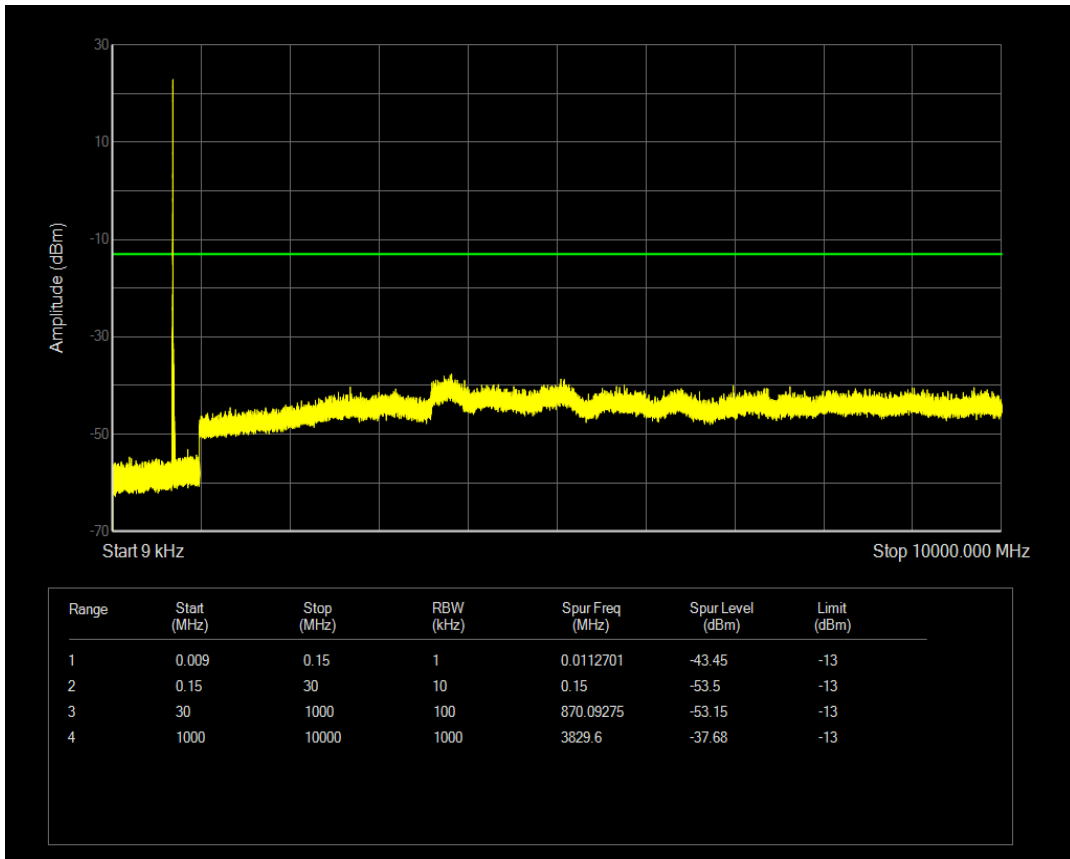
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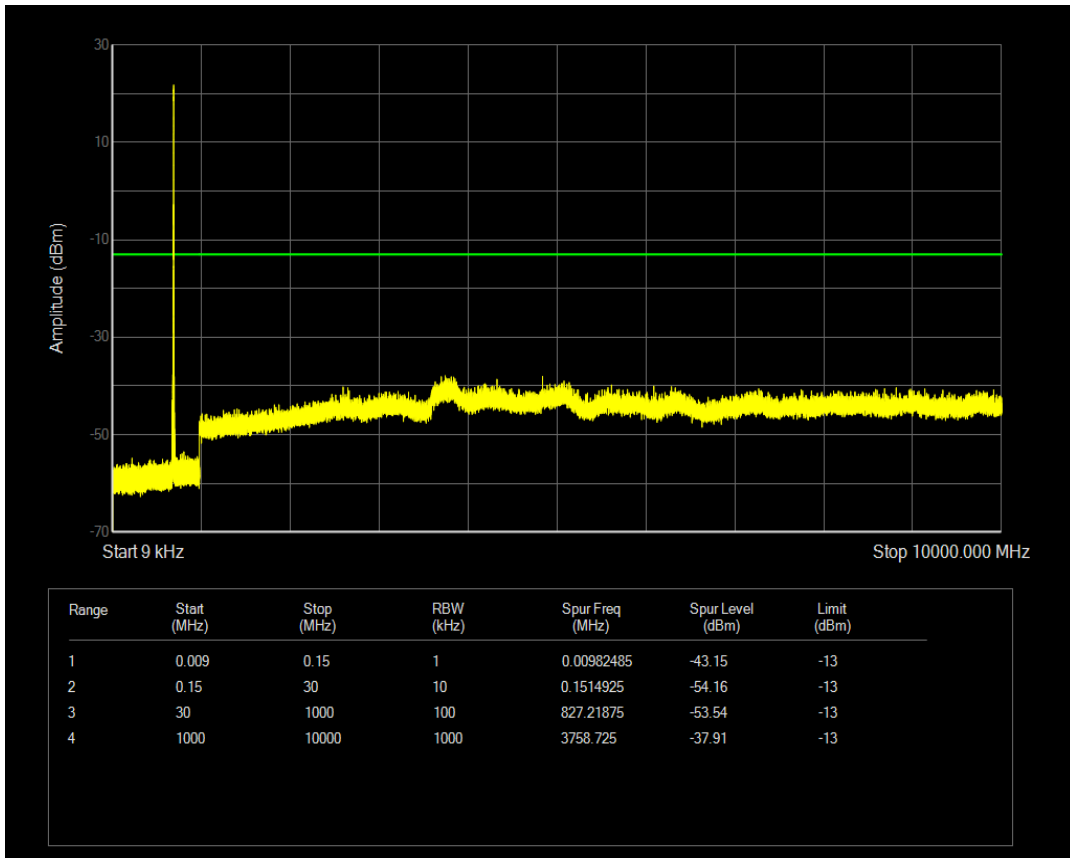
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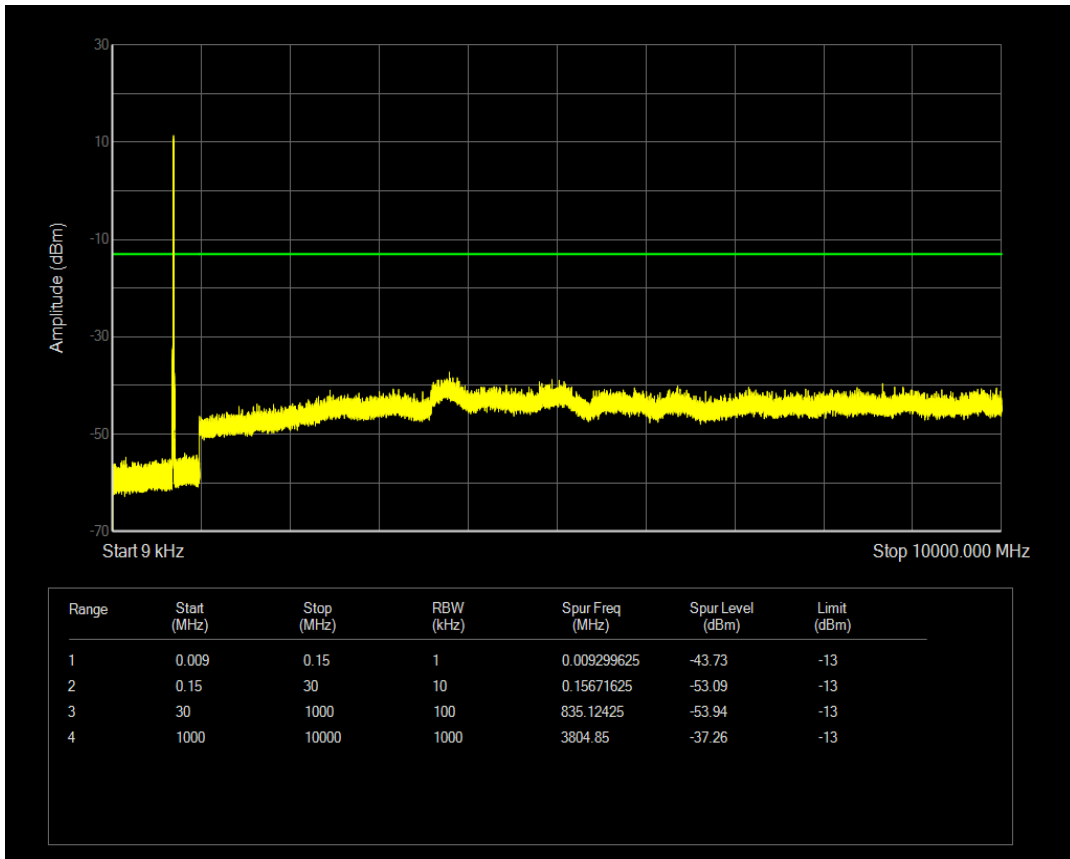
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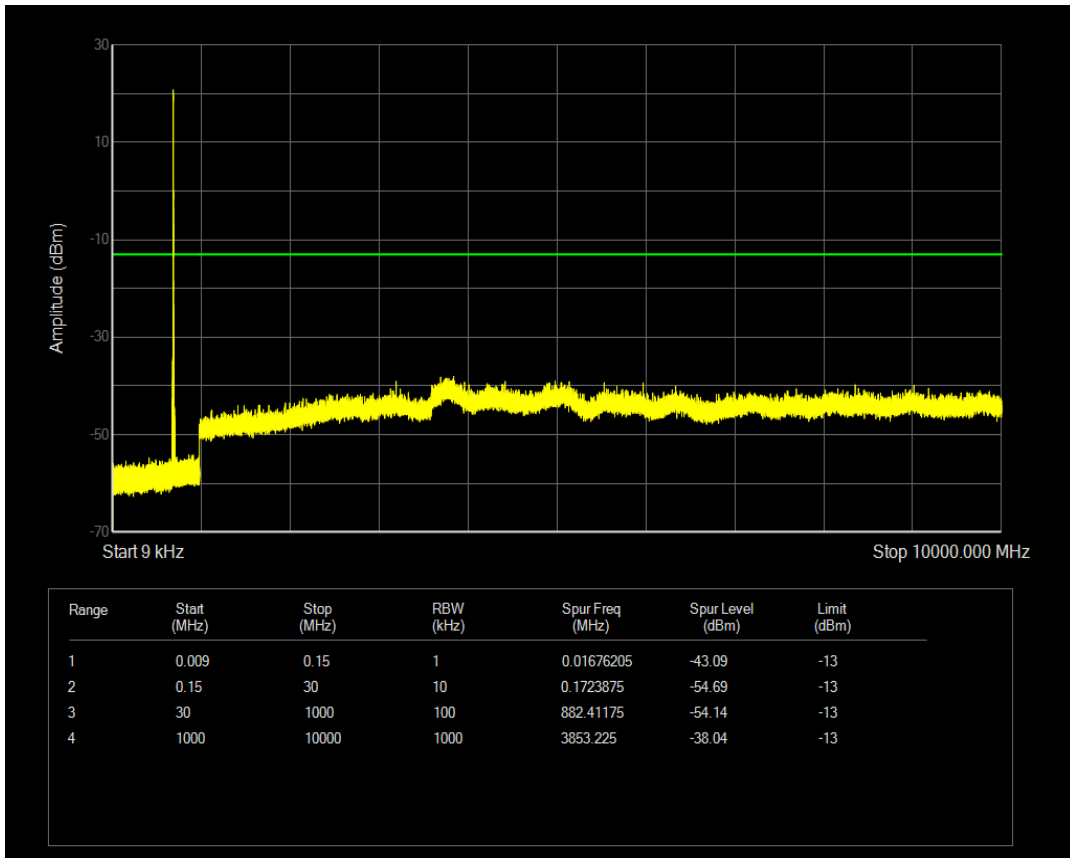
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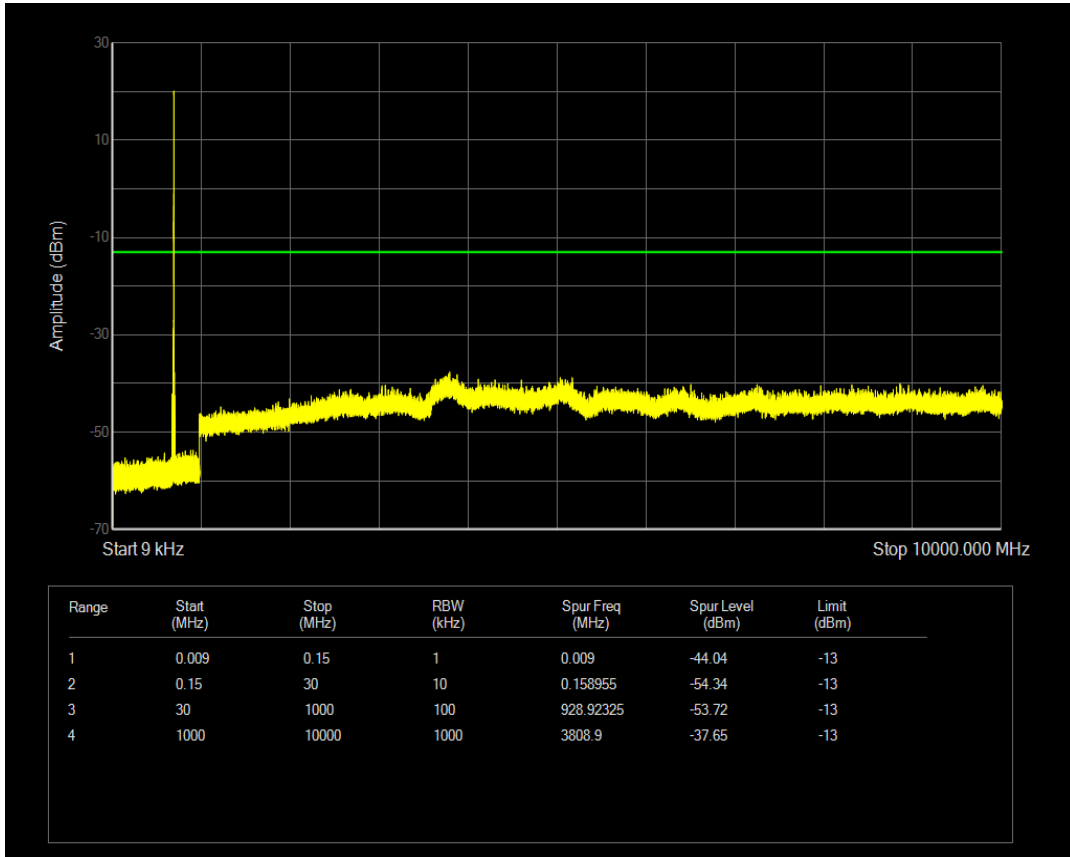


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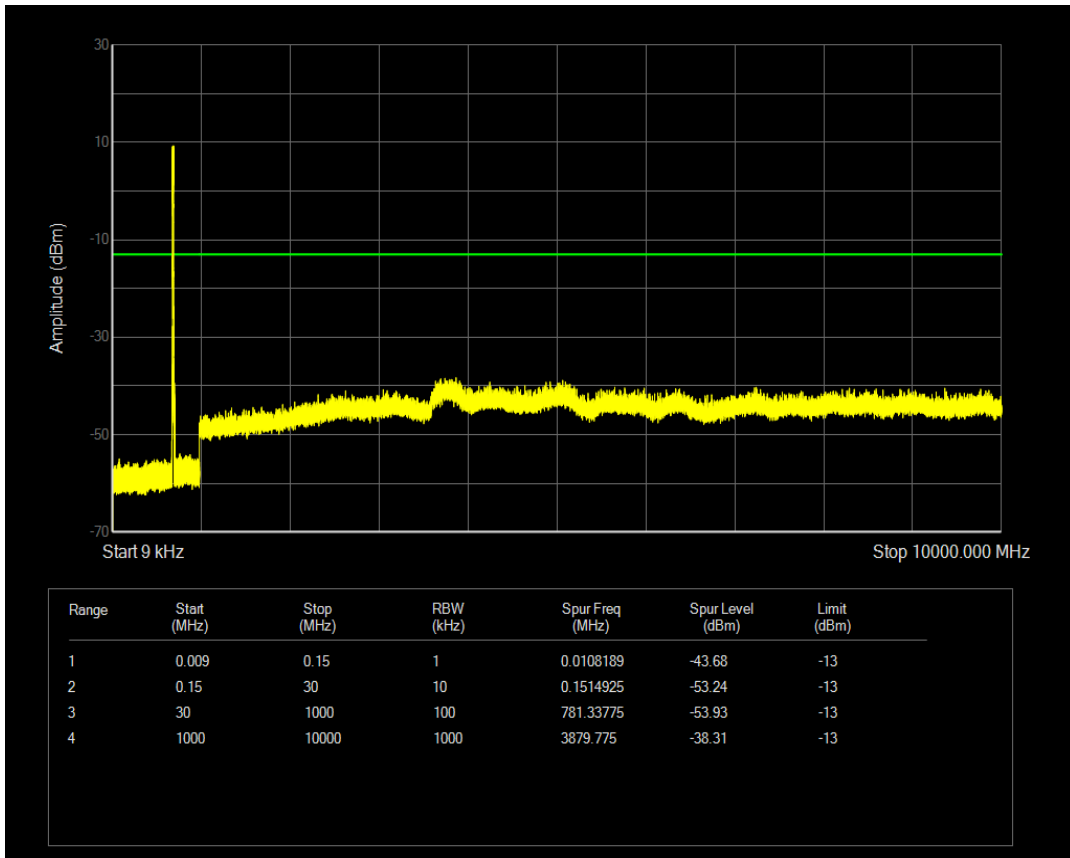




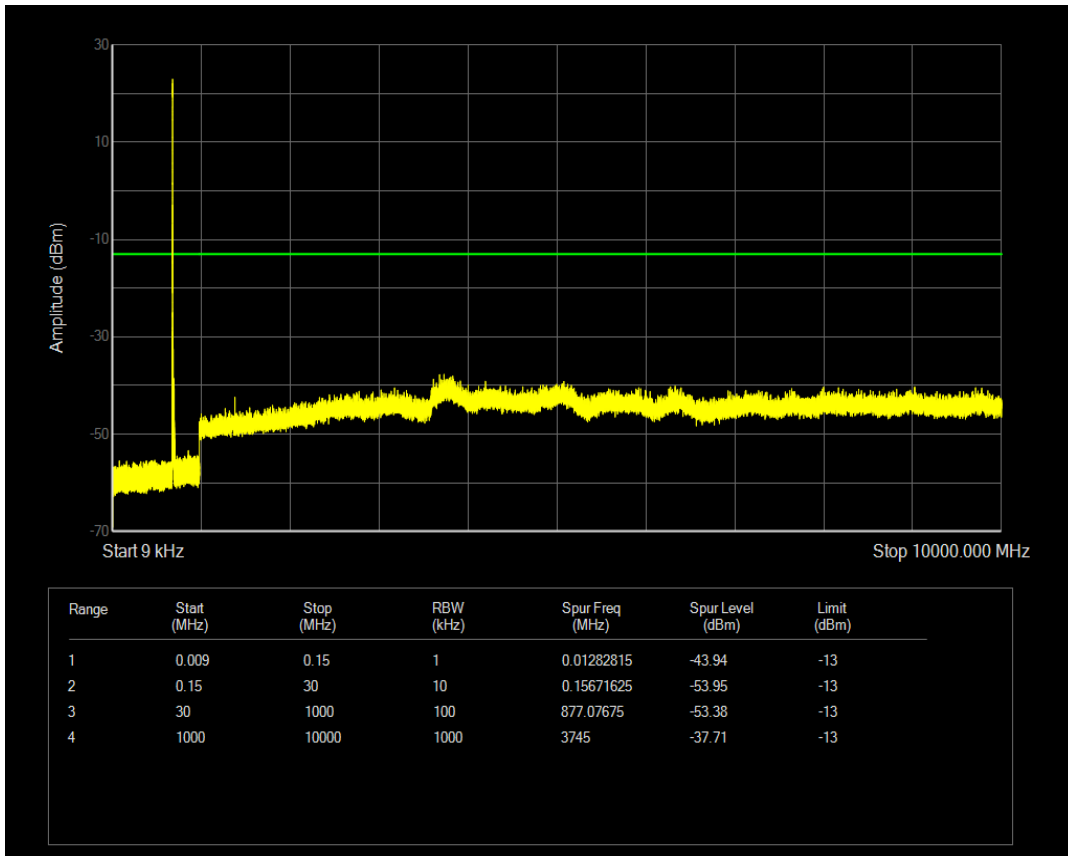
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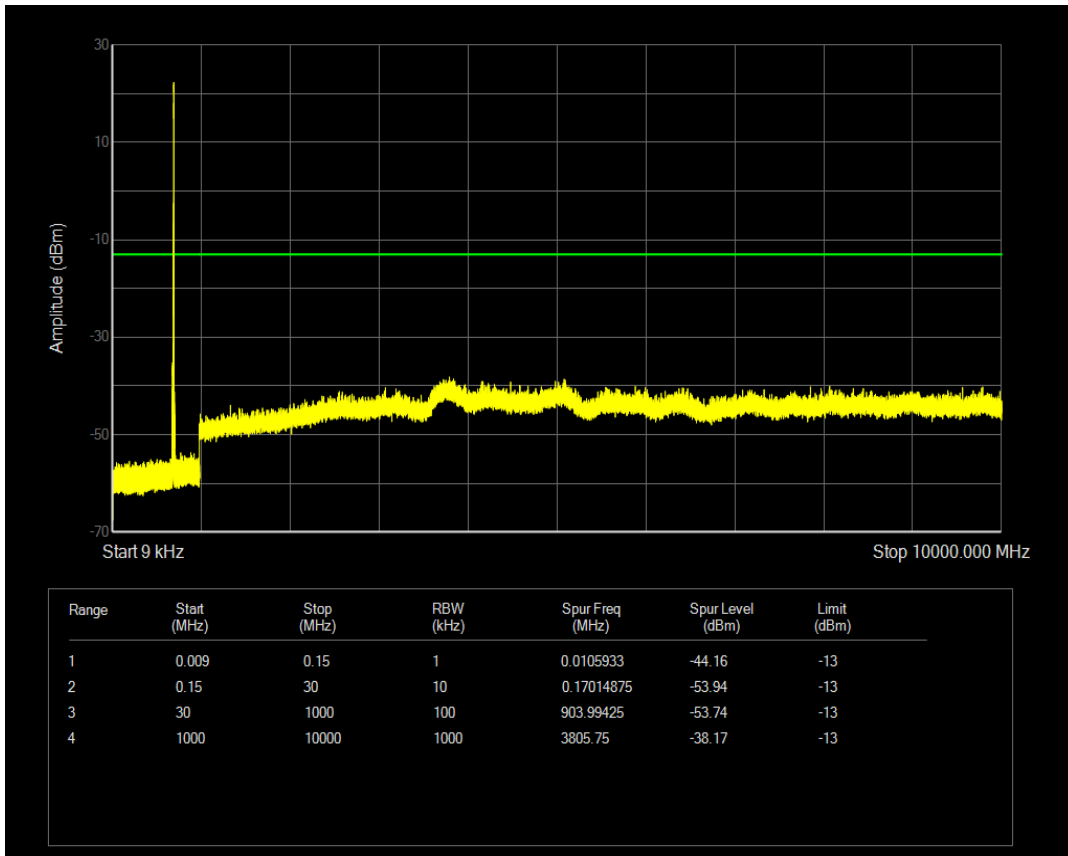
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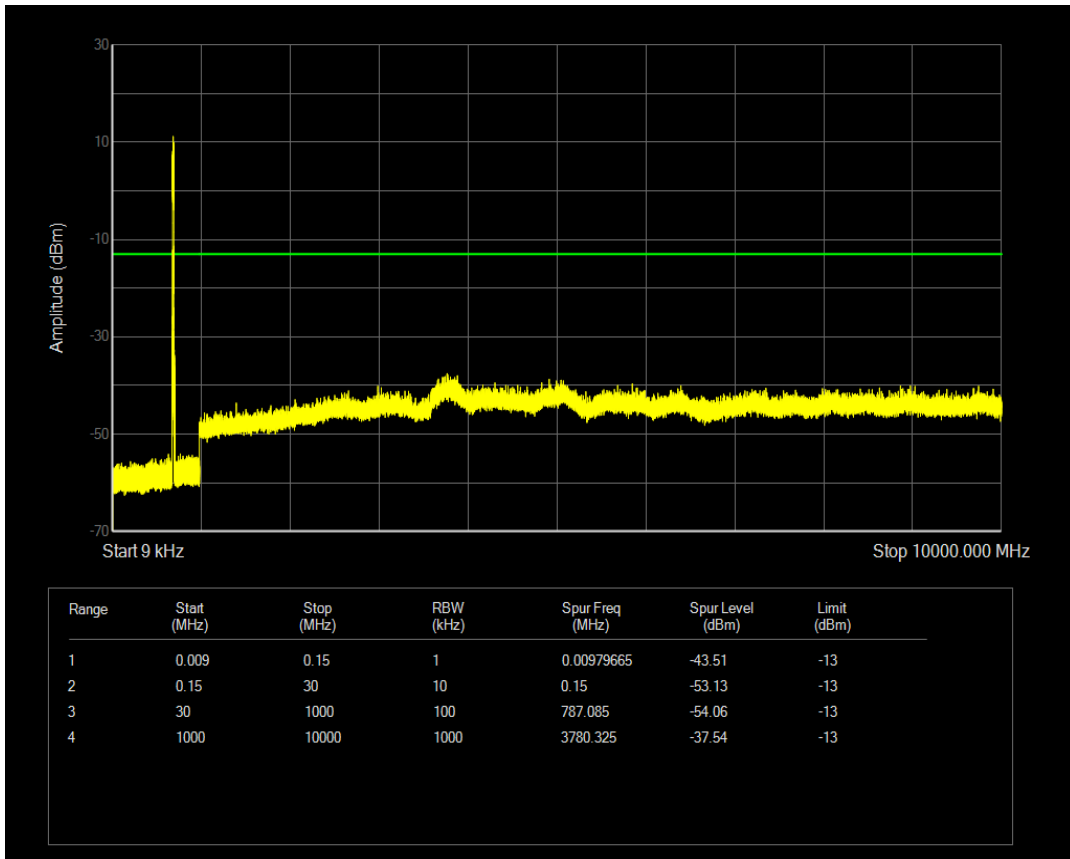
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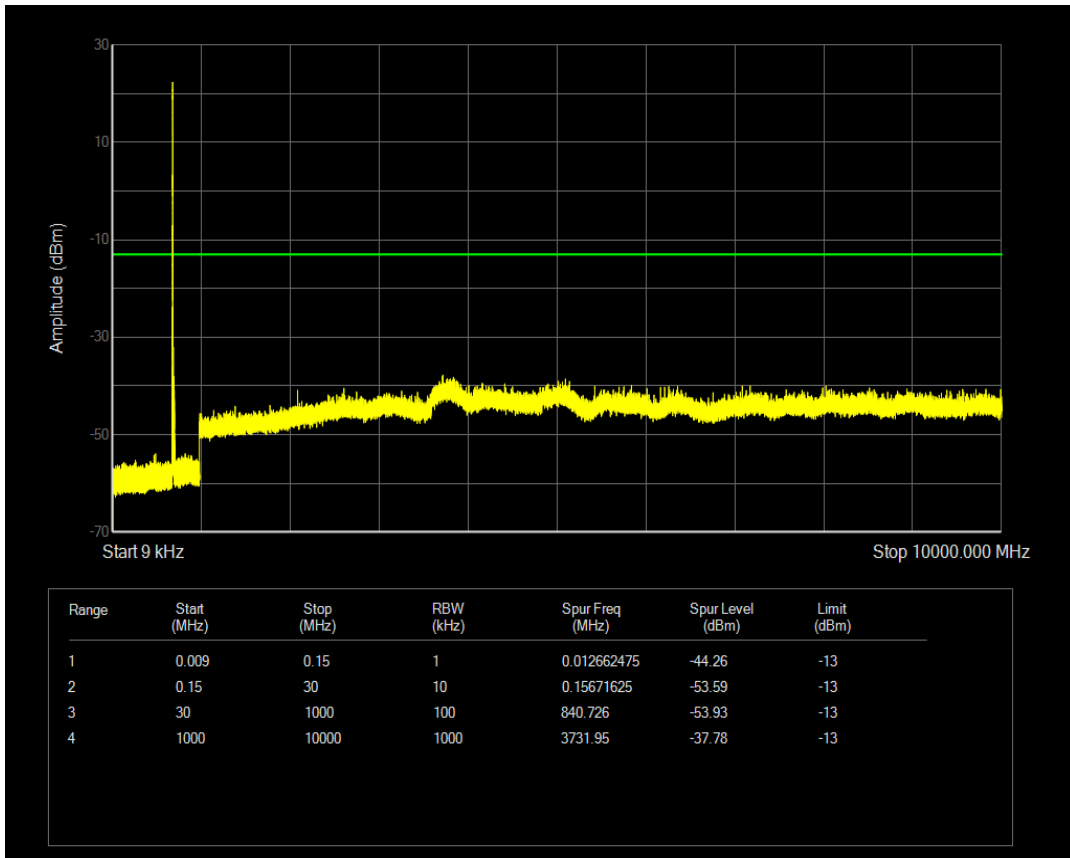
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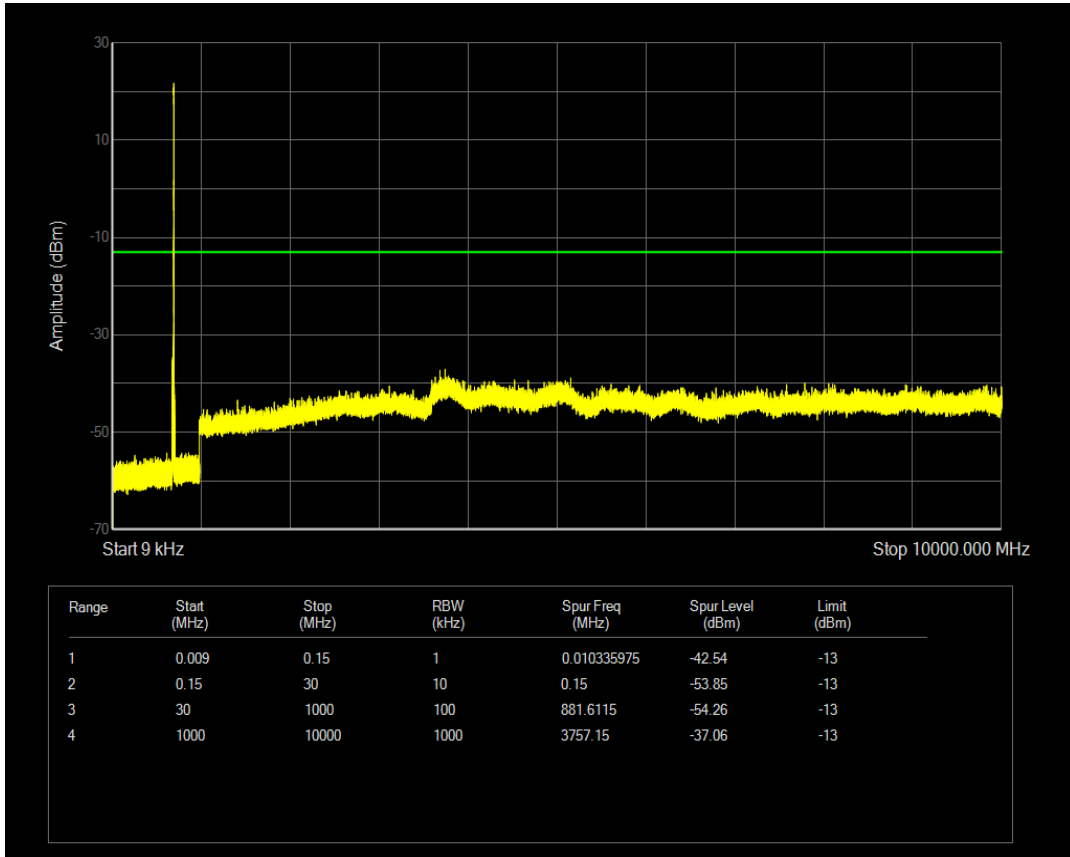
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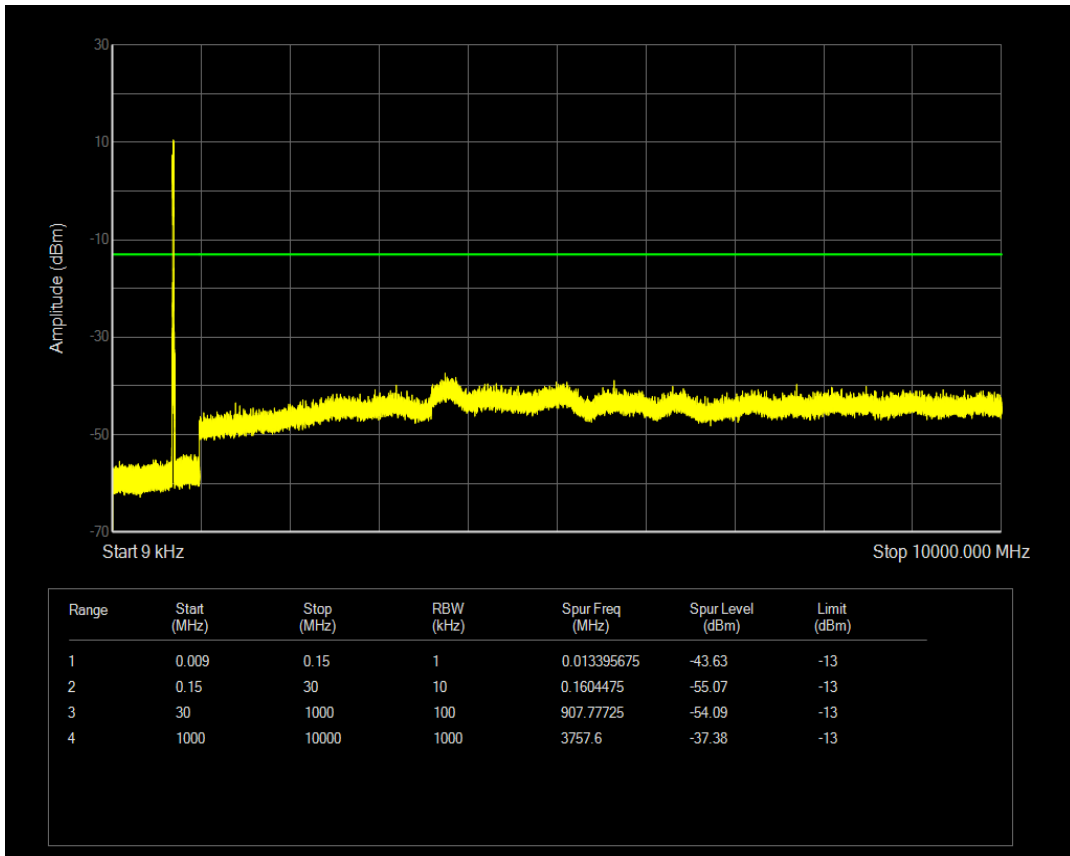
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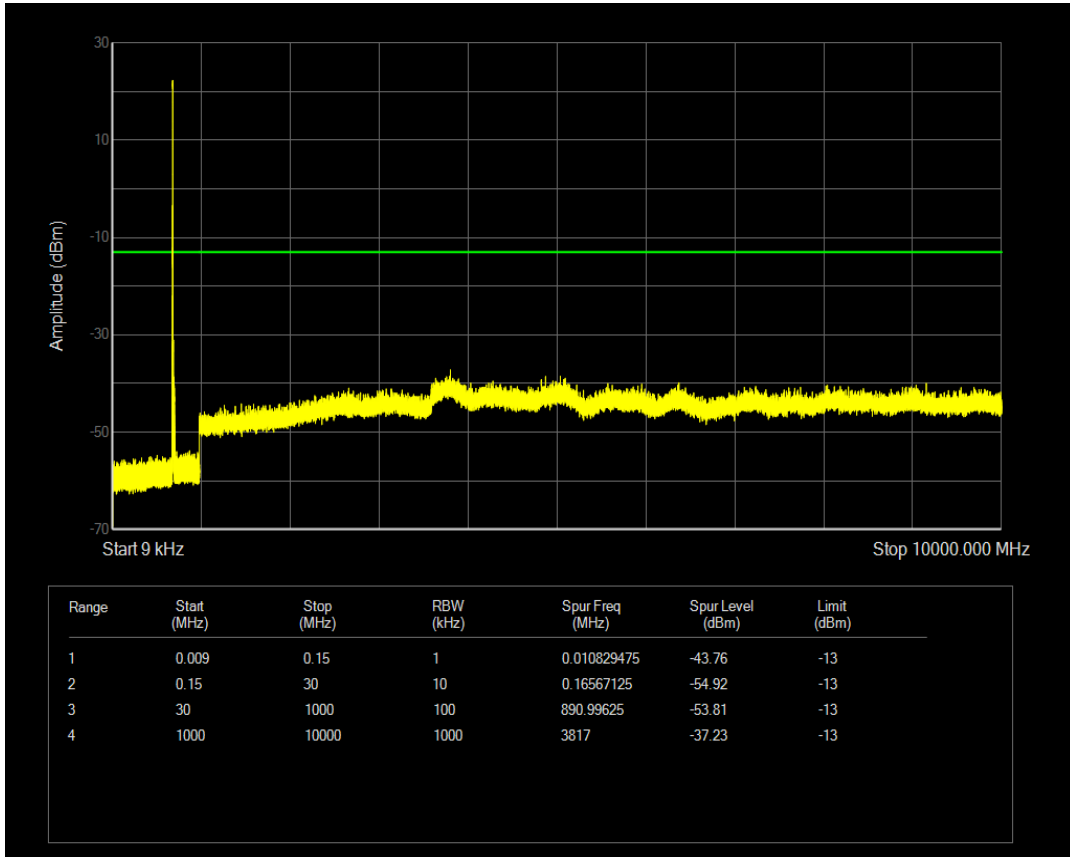
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141500 RB=1 @37



n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=36 @0



n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@0



n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@37

