

### 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	24.25	-7.25	14.85	34.77	PASS
n12	30	10	140800	1@1	DFT_BPSK	24.03	-7.25	14.63	34.77	PASS
n12	30	10	140800	1@22	DFT_BPSK	24.01	-7.25	14.61	34.77	PASS
n12	30	10	140800	12@6	DFT_QPSK	24.16	-7.25	14.76	34.77	PASS
n12	30	10	140800	1@1	DFT_QPSK	23.99	-7.25	14.59	34.77	PASS
n12	30	10	140800	1@22	DFT_QPSK	23.93	-7.25	14.53	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM16	23.13	-7.25	13.73	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM16	23.12	-7.25	13.72	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM16	23.08	-7.25	13.68	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM64	21.57	-7.25	12.17	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM64	21.73	-7.25	12.33	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM64	21.70	-7.25	12.30	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM256	19.65	-7.25	10.25	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM256	19.97	-7.25	10.57	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM256	19.76	-7.25	10.36	34.77	PASS
n12	30	10	140800	12@6	CP_QPSK	22.75	-7.25	13.35	34.77	PASS
n12	30	10	140800	1@1	CP_QPSK	22.61	-7.25	13.21	34.77	PASS
n12	30	10	140800	1@22	CP_QPSK	22.51	-7.25	13.11	34.77	PASS
n12	30	10	140800	12@6	CP_QAM16	22.14	-7.25	12.74	34.77	PASS
n12	30	10	140800	1@1	CP_QAM16	21.96	-7.25	12.56	34.77	PASS
n12	30	10	140800	1@22	CP_QAM16	21.81	-7.25	12.41	34.77	PASS
n12	30	10	140800	12@6	CP_QAM64	20.70	-7.25	11.30	34.77	PASS
n12	30	10	140800	1@1	CP_QAM64	20.95	-7.25	11.55	34.77	PASS
n12	30	10	140800	1@22	CP_QAM64	20.76	-7.25	11.36	34.77	PASS
n12	30	10	140800	12@6	CP_QAM256	17.70	-7.25	8.30	34.77	PASS
n12	30	10	140800	1@1	CP_QAM256	17.53	-7.25	8.13	34.77	PASS
n12	30	10	140800	1@22	CP_QAM256	17.58	-7.25	8.18	34.77	PASS
n12	30	10	141500	12@6	DFT_BPSK	24.10	-7.25	14.70	34.77	PASS
n12	30	10	141500	1@1	DFT_BPSK	24.02	-7.25	14.62	34.77	PASS
n12	30	10	141500	1@22	DFT_BPSK	24.04	-7.25	14.64	34.77	PASS
n12	30	10	141500	12@6	DFT_QPSK	24.21	-7.25	14.81	34.77	PASS
n12	30	10	141500	1@1	DFT_QPSK	23.91	-7.25	14.51	34.77	PASS
n12	30	10	141500	1@22	DFT_QPSK	23.94	-7.25	14.54	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM16	23.23	-7.25	13.83	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM16	23.15	-7.25	13.75	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM16	23.48	-7.25	14.08	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM64	21.59	-7.25	12.19	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM64	21.67	-7.25	12.27	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM64	21.45	-7.25	12.05	34.77	PASS

n12	30	10	141500	12@6	DFT_QAM256	19.84	-7.25	10.44	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM256	19.69	-7.25	10.29	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM256	19.91	-7.25	10.51	34.77	PASS
n12	30	10	141500	12@6	CP_QPSK	22.83	-7.25	13.43	34.77	PASS
n12	30	10	141500	1@1	CP_QPSK	22.59	-7.25	13.19	34.77	PASS
n12	30	10	141500	1@22	CP_QPSK	22.41	-7.25	13.01	34.77	PASS
n12	30	10	141500	12@6	CP_QAM16	22.08	-7.25	12.68	34.77	PASS
n12	30	10	141500	1@1	CP_QAM16	22.14	-7.25	12.74	34.77	PASS
n12	30	10	141500	1@22	CP_QAM16	22.06	-7.25	12.66	34.77	PASS
n12	30	10	141500	12@6	CP_QAM64	20.62	-7.25	11.22	34.77	PASS
n12	30	10	141500	1@1	CP_QAM64	20.91	-7.25	11.51	34.77	PASS
n12	30	10	141500	1@22	CP_QAM64	20.76	-7.25	11.36	34.77	PASS
n12	30	10	141500	12@6	CP_QAM256	17.62	-7.25	8.22	34.77	PASS
n12	30	10	141500	1@1	CP_QAM256	18.27	-7.25	8.87	34.77	PASS
n12	30	10	141500	1@22	CP_QAM256	17.46	-7.25	8.06	34.77	PASS
n12	30	10	142200	12@6	DFT_BPSK	24.13	-7.25	14.73	34.77	PASS
n12	30	10	142200	1@1	DFT_BPSK	24.08	-7.25	14.68	34.77	PASS
n12	30	10	142200	1@22	DFT_BPSK	23.96	-7.25	14.56	34.77	PASS
n12	30	10	142200	12@6	DFT_QPSK	24.24	-7.25	14.84	34.77	PASS
n12	30	10	142200	1@1	DFT_QPSK	23.85	-7.25	14.45	34.77	PASS
n12	30	10	142200	1@22	DFT_QPSK	23.97	-7.25	14.57	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM16	23.20	-7.25	13.80	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM16	23.06	-7.25	13.66	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM16	23.12	-7.25	13.72	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM64	21.52	-7.25	12.12	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM64	21.64	-7.25	12.24	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM64	21.64	-7.25	12.24	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM256	19.84	-7.25	10.44	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM256	19.91	-7.25	10.51	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM256	19.92	-7.25	10.52	34.77	PASS
n12	30	10	142200	12@6	CP_QPSK	22.91	-7.25	13.51	34.77	PASS
n12	30	10	142200	1@1	CP_QPSK	22.53	-7.25	13.13	34.77	PASS
n12	30	10	142200	1@22	CP_QPSK	22.44	-7.25	13.04	34.77	PASS
n12	30	10	142200	12@6	CP_QAM16	22.24	-7.25	12.84	34.77	PASS
n12	30	10	142200	1@1	CP_QAM16	21.93	-7.25	12.53	34.77	PASS
n12	30	10	142200	1@22	CP_QAM16	21.71	-7.25	12.31	34.77	PASS
n12	30	10	142200	12@6	CP_QAM64	20.76	-7.25	11.36	34.77	PASS
n12	30	10	142200	1@1	CP_QAM64	20.86	-7.25	11.46	34.77	PASS
n12	30	10	142200	1@22	CP_QAM64	20.86	-7.25	11.46	34.77	PASS
n12	30	10	142200	12@6	CP_QAM256	17.68	-7.25	8.28	34.77	PASS
n12	30	10	142200	1@1	CP_QAM256	17.93	-7.25	8.53	34.77	PASS
n12	30	10	142200	1@22	CP_QAM256	17.71	-7.25	8.31	34.77	PASS
n12	30	15	141300	18@9	DFT_BPSK	24.15	-7.25	14.75	34.77	PASS

n12	30	15	141300	1@1	DFT_BPSK	23.96	-7.25	14.56	34.77	PASS
n12	30	15	141300	1@36	DFT_BPSK	23.98	-7.25	14.58	34.77	PASS
n12	30	15	141300	18@9	DFT_QPSK	24.05	-7.25	14.65	34.77	PASS
n12	30	15	141300	1@1	DFT_QPSK	23.92	-7.25	14.52	34.77	PASS
n12	30	15	141300	1@36	DFT_QPSK	23.87	-7.25	14.47	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM16	23.04	-7.25	13.64	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM16	23.12	-7.25	13.72	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM16	23.04	-7.25	13.64	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM64	21.71	-7.25	12.31	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM64	21.51	-7.25	12.11	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM64	21.50	-7.25	12.10	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM256	19.62	-7.25	10.22	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM256	19.86	-7.25	10.46	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM256	19.70	-7.25	10.30	34.77	PASS
n12	30	15	141300	19@9	CP_QPSK	22.66	-7.25	13.26	34.77	PASS
n12	30	15	141300	1@1	CP_QPSK	22.52	-7.25	13.12	34.77	PASS
n12	30	15	141300	1@36	CP_QPSK	22.43	-7.25	13.03	34.77	PASS
n12	30	15	141300	19@9	CP_QAM16	22.09	-7.25	12.69	34.77	PASS
n12	30	15	141300	1@1	CP_QAM16	22.01	-7.25	12.61	34.77	PASS
n12	30	15	141300	1@36	CP_QAM16	21.90	-7.25	12.50	34.77	PASS
n12	30	15	141300	19@9	CP_QAM64	20.51	-7.25	11.11	34.77	PASS
n12	30	15	141300	1@1	CP_QAM64	20.70	-7.25	11.30	34.77	PASS
n12	30	15	141300	1@36	CP_QAM64	20.68	-7.25	11.28	34.77	PASS
n12	30	15	141300	19@9	CP_QAM256	17.56	-7.25	8.16	34.77	PASS
n12	30	15	141300	1@1	CP_QAM256	18.02	-7.25	8.62	34.77	PASS
n12	30	15	141300	1@36	CP_QAM256	17.85	-7.25	8.45	34.77	PASS
n12	30	15	141500	18@9	DFT_BPSK	23.99	-7.25	14.59	34.77	PASS
n12	30	15	141500	1@1	DFT_BPSK	24.05	-7.25	14.65	34.77	PASS
n12	30	15	141500	1@36	DFT_BPSK	24.01	-7.25	14.61	34.77	PASS
n12	30	15	141500	18@9	DFT_QPSK	24.08	-7.25	14.68	34.77	PASS
n12	30	15	141500	1@1	DFT_QPSK	23.98	-7.25	14.58	34.77	PASS
n12	30	15	141500	1@36	DFT_QPSK	23.97	-7.25	14.57	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM16	23.04	-7.25	13.64	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM16	23.08	-7.25	13.68	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM16	23.02	-7.25	13.62	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM64	21.61	-7.25	12.21	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM64	21.62	-7.25	12.22	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM64	21.49	-7.25	12.09	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM256	19.56	-7.25	10.16	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM256	19.73	-7.25	10.33	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM256	19.82	-7.25	10.42	34.77	PASS
n12	30	15	141500	19@9	CP_QPSK	22.65	-7.25	13.25	34.77	PASS
n12	30	15	141500	1@1	CP_QPSK	22.52	-7.25	13.12	34.77	PASS

n12	30	15	141500	1@36	CP_QPSK	22.35	-7.25	12.95	34.77	PASS
n12	30	15	141500	19@9	CP_QAM16	22.13	-7.25	12.73	34.77	PASS
n12	30	15	141500	1@1	CP_QAM16	22.25	-7.25	12.85	34.77	PASS
n12	30	15	141500	1@36	CP_QAM16	22.02	-7.25	12.62	34.77	PASS
n12	30	15	141500	19@9	CP_QAM64	20.45	-7.25	11.05	34.77	PASS
n12	30	15	141500	1@1	CP_QAM64	20.89	-7.25	11.49	34.77	PASS
n12	30	15	141500	1@36	CP_QAM64	20.84	-7.25	11.44	34.77	PASS
n12	30	15	141500	19@9	CP_QAM256	17.59	-7.25	8.19	34.77	PASS
n12	30	15	141500	1@1	CP_QAM256	17.60	-7.25	8.20	34.77	PASS
n12	30	15	141500	1@36	CP_QAM256	17.86	-7.25	8.46	34.77	PASS
n12	30	15	141700	18@9	DFT_BPSK	23.94	-7.25	14.54	34.77	PASS
n12	30	15	141700	1@1	DFT_BPSK	24.04	-7.25	14.64	34.77	PASS
n12	30	15	141700	1@36	DFT_BPSK	24.04	-7.25	14.64	34.77	PASS
n12	30	15	141700	18@9	DFT_QPSK	24.08	-7.25	14.68	34.77	PASS
n12	30	15	141700	1@1	DFT_QPSK	24.00	-7.25	14.60	34.77	PASS
n12	30	15	141700	1@36	DFT_QPSK	24.11	-7.25	14.71	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM16	23.04	-7.25	13.64	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM16	23.01	-7.25	13.61	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM16	23.09	-7.25	13.69	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM64	21.65	-7.25	12.25	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM64	21.57	-7.25	12.17	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM64	21.62	-7.25	12.22	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM256	19.62	-7.25	10.22	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM256	19.66	-7.25	10.26	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM256	19.88	-7.25	10.48	34.77	PASS
n12	30	15	141700	19@9	CP_QPSK	22.61	-7.25	13.21	34.77	PASS
n12	30	15	141700	1@1	CP_QPSK	22.60	-7.25	13.20	34.77	PASS
n12	30	15	141700	1@36	CP_QPSK	22.34	-7.25	12.94	34.77	PASS
n12	30	15	141700	19@9	CP_QAM16	22.14	-7.25	12.74	34.77	PASS
n12	30	15	141700	1@1	CP_QAM16	22.00	-7.25	12.60	34.77	PASS
n12	30	15	141700	1@36	CP_QAM16	22.01	-7.25	12.61	34.77	PASS
n12	30	15	141700	19@9	CP_QAM64	20.46	-7.25	11.06	34.77	PASS
n12	30	15	141700	1@1	CP_QAM64	20.77	-7.25	11.37	34.77	PASS
n12	30	15	141700	1@36	CP_QAM64	20.58	-7.25	11.18	34.77	PASS
n12	30	15	141700	19@9	CP_QAM256	17.56	-7.25	8.16	34.77	PASS
n12	30	15	141700	1@1	CP_QAM256	17.98	-7.25	8.58	34.77	PASS
n12	30	15	141700	1@36	CP_QAM256	17.95	-7.25	8.55	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	3.87	-6.63	-0.01	Within authorized band for 5G NR n12	PASS
n12	30	15	141500	18@9	DFT_BPSK	3.45	-5.33	-0.01		PASS
n12	30	15	141500	18@9	DFT_BPSK	4.45	-6.30	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	3.87	-5.09	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	3.45	-7.19	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	4.45	-7.47	-0.01		PASS

Note: Only the worst case shown in the report.

### NV:

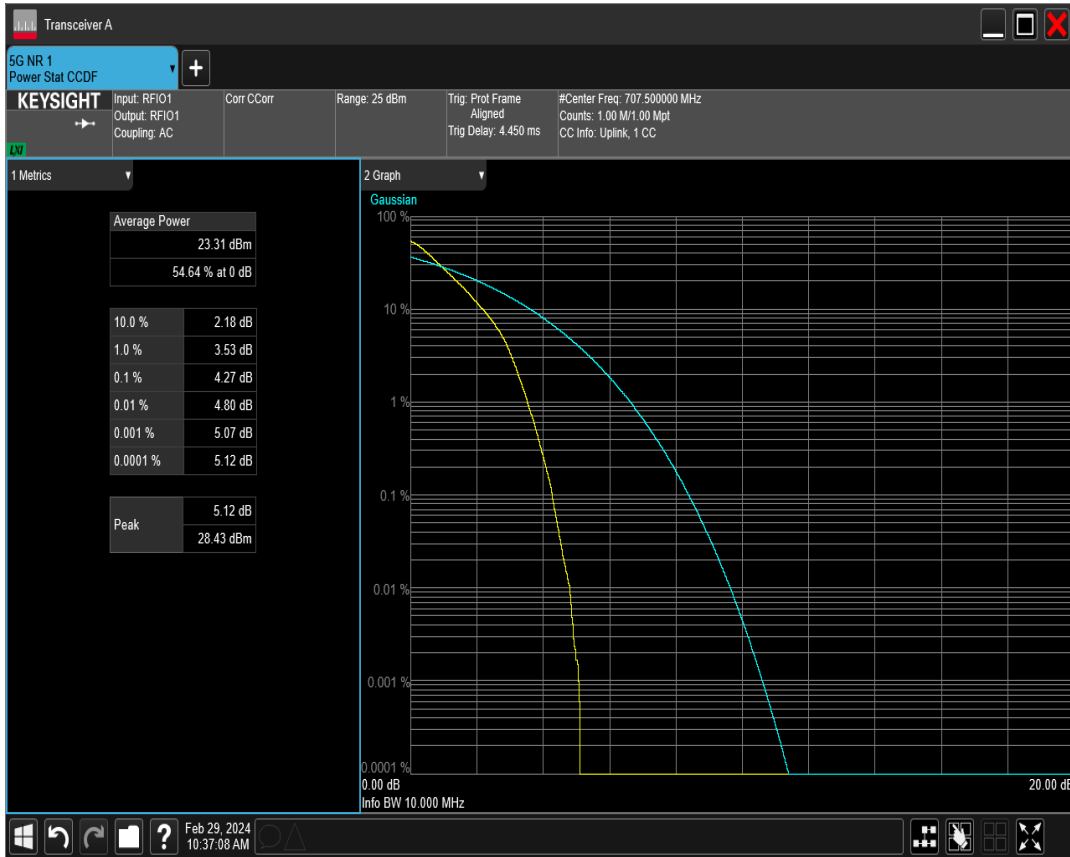
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n12	30	15	141500	18@9	DFT_BPSK	-30	-3.49	0.00	Within authorized band for 5G NR n12	PASS
n12	30	15	141500	18@9	DFT_BPSK	-20	-6.13	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	-10	-5.17	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	0	-4.84	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	10	-1.59	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	20	-5.18	-0.01		PASS
n12	30	15	141500	18@9	DFT_BPSK	30	-2.95	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	40	-1.89	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	50	-1.7	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	-30	-4.43	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	-20	-5.04	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	-10	-5.1	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	0	-5.13	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	10	-2.74	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	20	-1.48	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	30	-2.39	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	40	-3.26	0.00	PASS	
n12	30	15	141500	18@9	DFT_QPSK	50	-4.31	0.00	PASS	

Note: Only the worst case shown in the report.

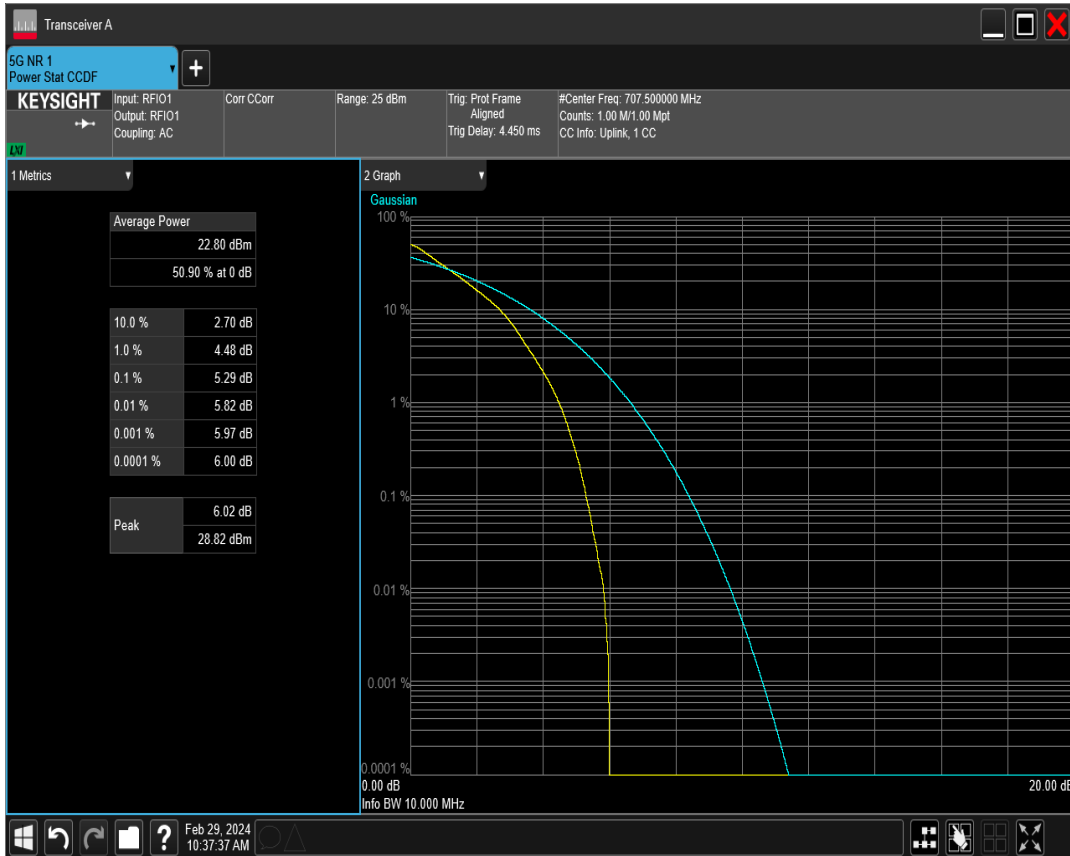
### 3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n12	30	10	141500	24@0	DFT_BPSK	4.27	13	PASS
n12	30	10	141500	24@0	DFT_QPSK	5.29	13	PASS
n12	30	10	141500	24@0	DFT_QAM16	6.18	13	PASS
n12	30	10	141500	24@0	DFT_QAM64	6.39	13	PASS
n12	30	10	141500	24@0	DFT_QAM256	7.08	13	PASS
n12	30	15	141500	36@0	DFT_BPSK	4.32	13	PASS
n12	30	15	141500	36@0	DFT_QPSK	5.28	13	PASS
n12	30	15	141500	36@0	DFT_QAM16	6.09	13	PASS
n12	30	15	141500	36@0	DFT_QAM64	6.38	13	PASS
n12	30	15	141500	36@0	DFT_QAM256	6.91	13	PASS

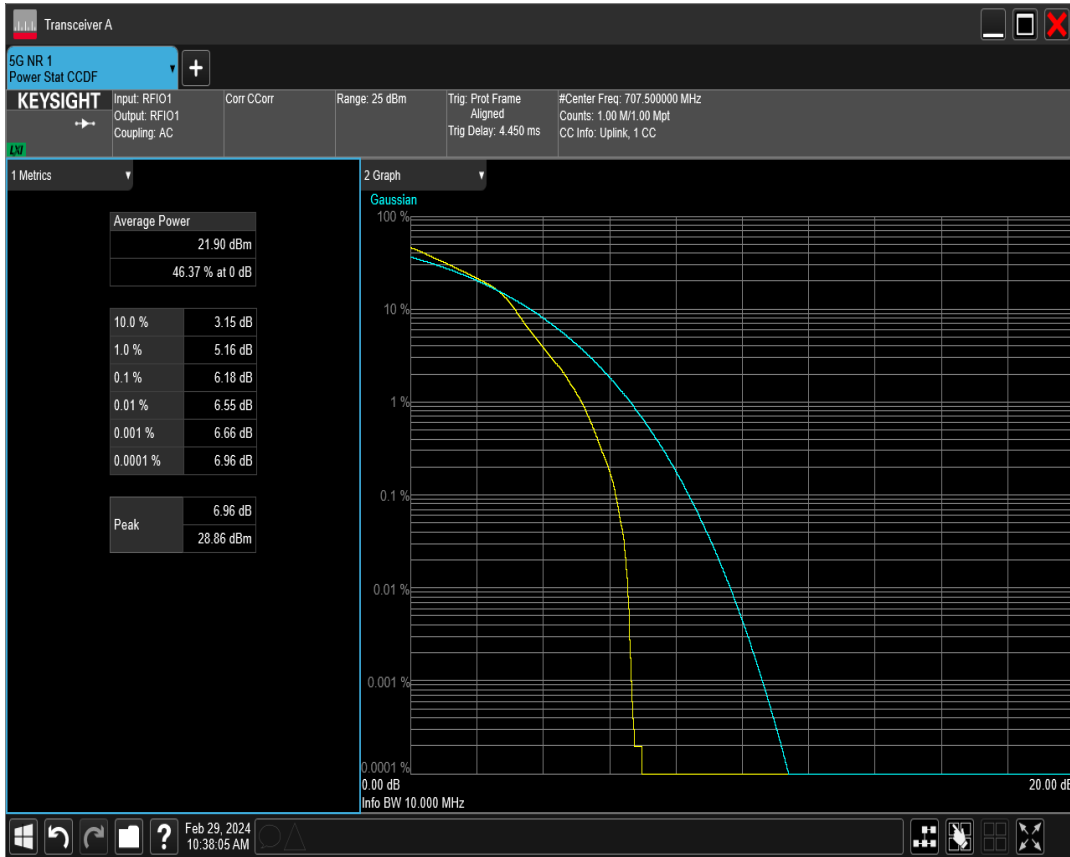
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=141500 RB=24@0



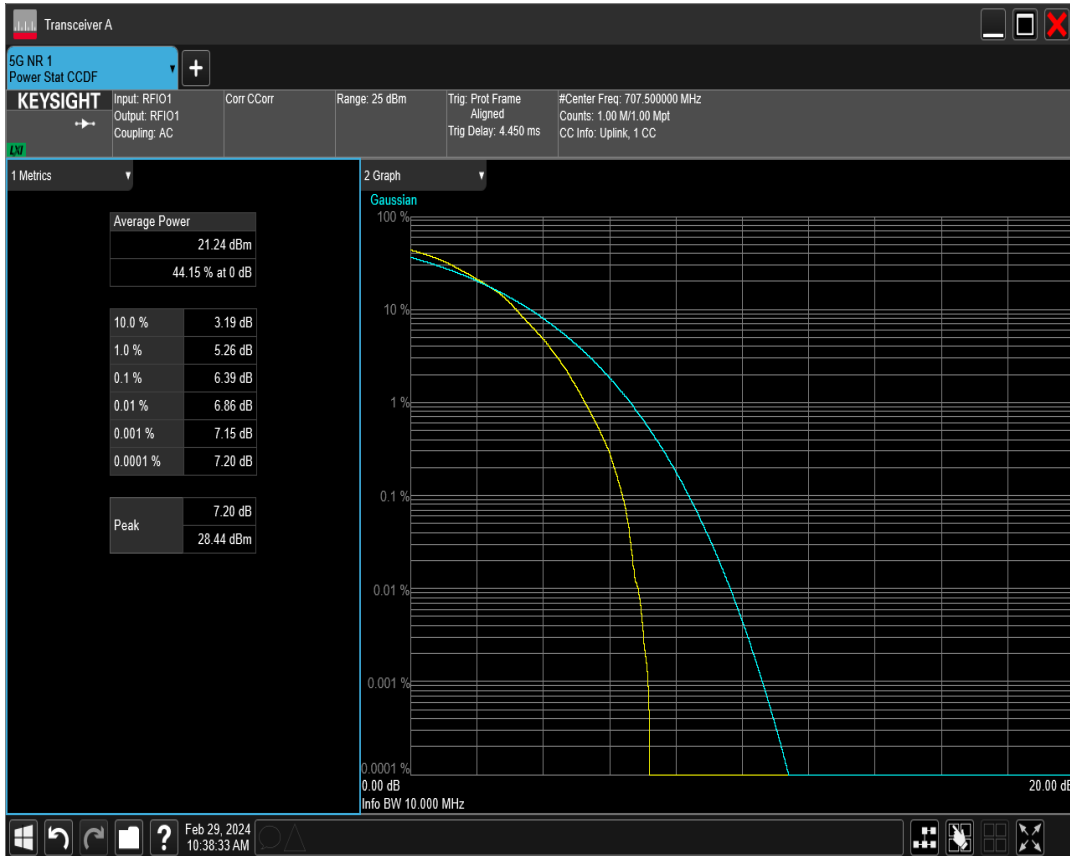
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=141500 RB=24@0



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

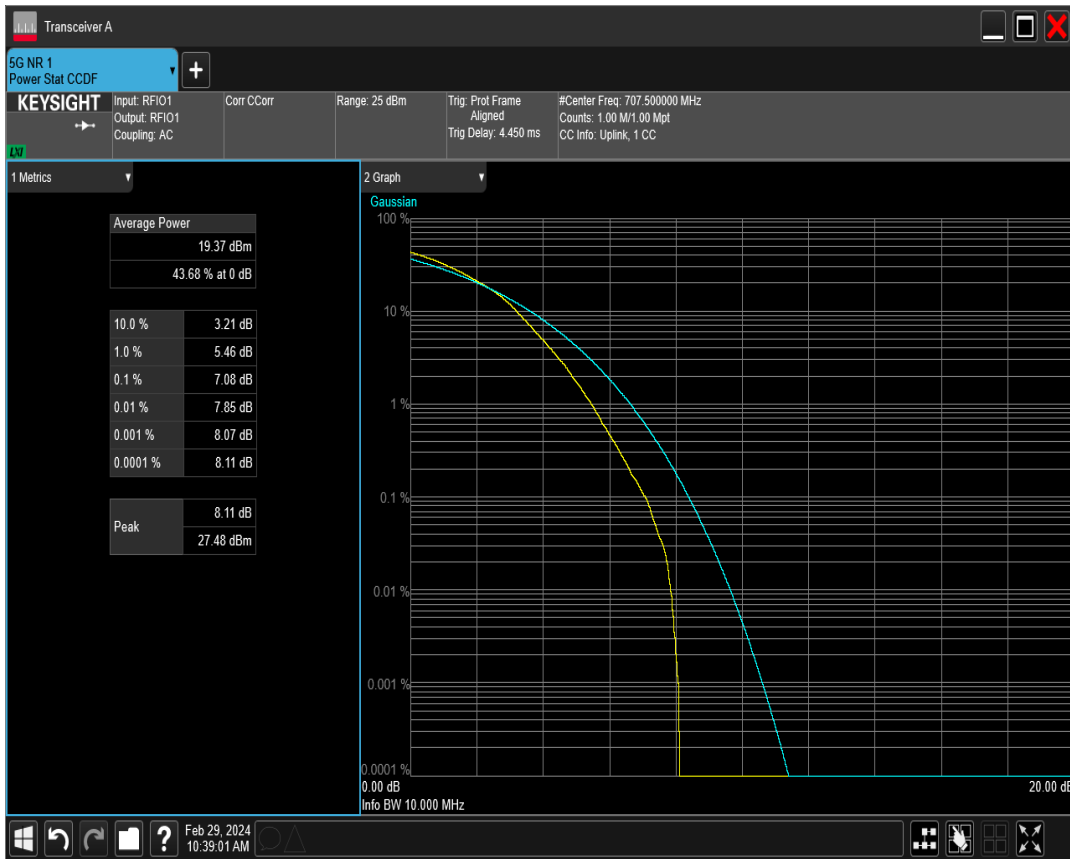


n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=141500 RB=24@0

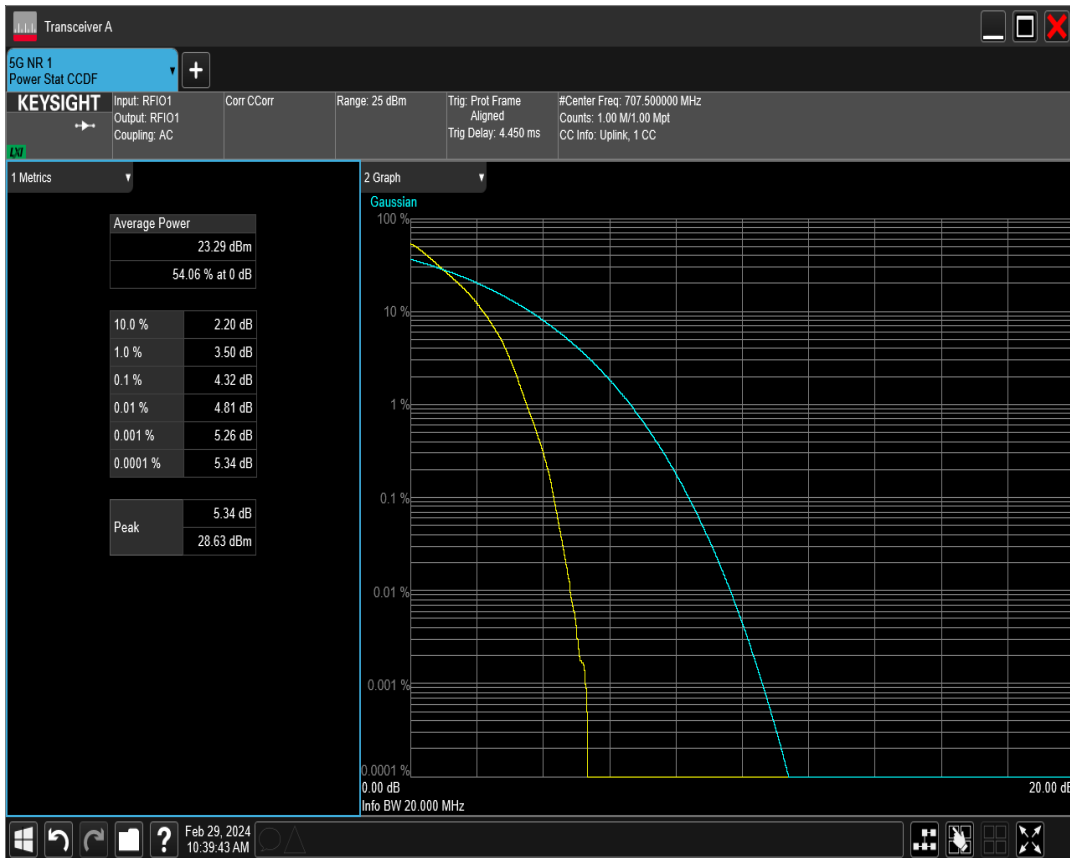




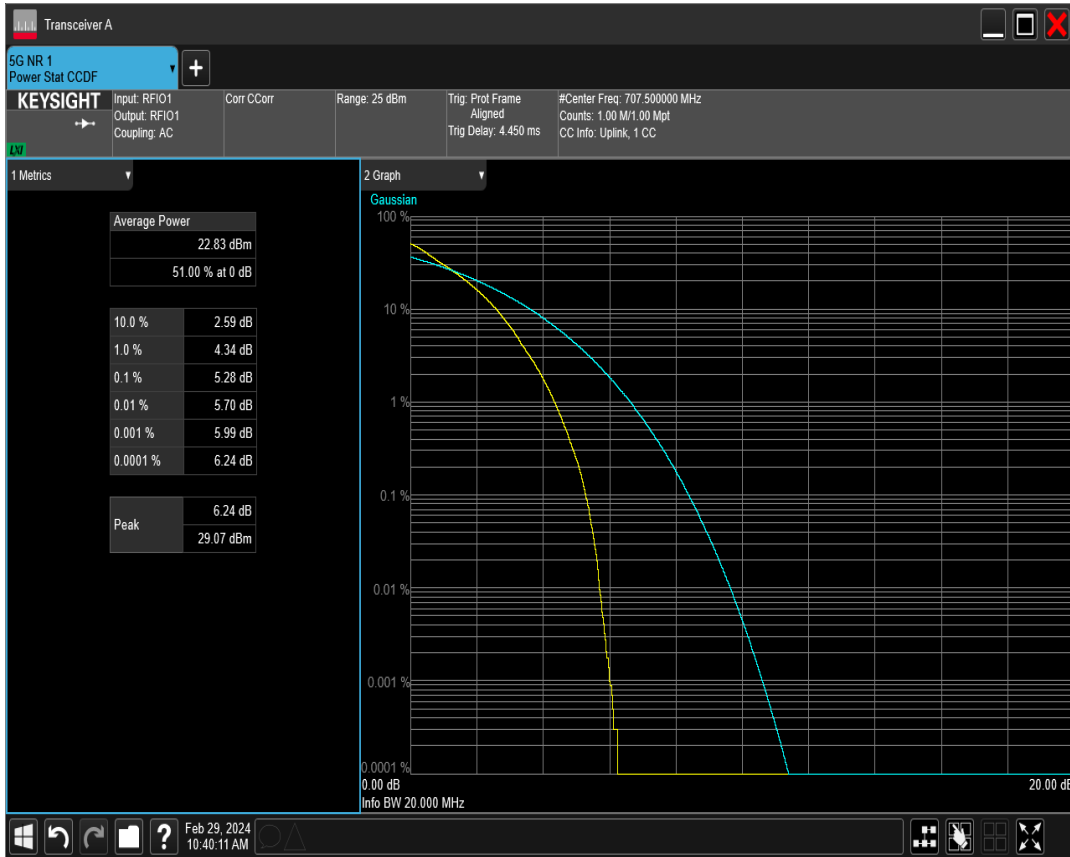
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=141500 RB=24@0



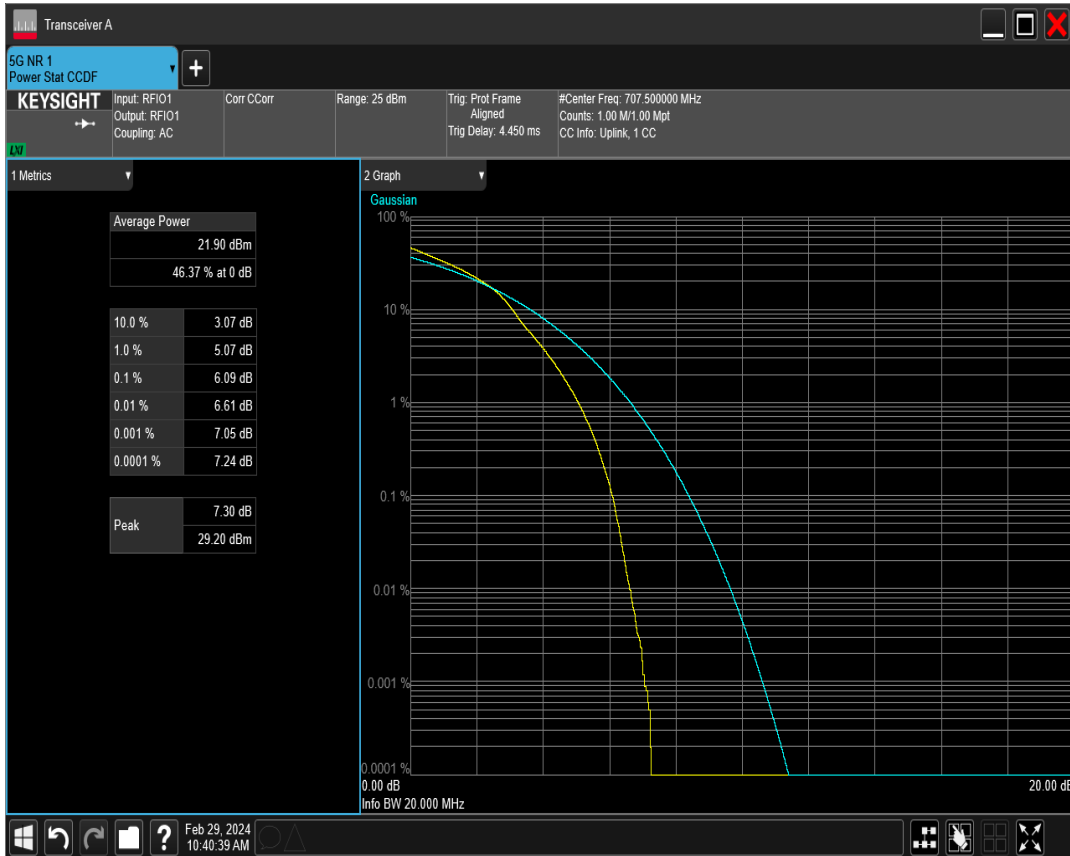
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141500 RB=36@0



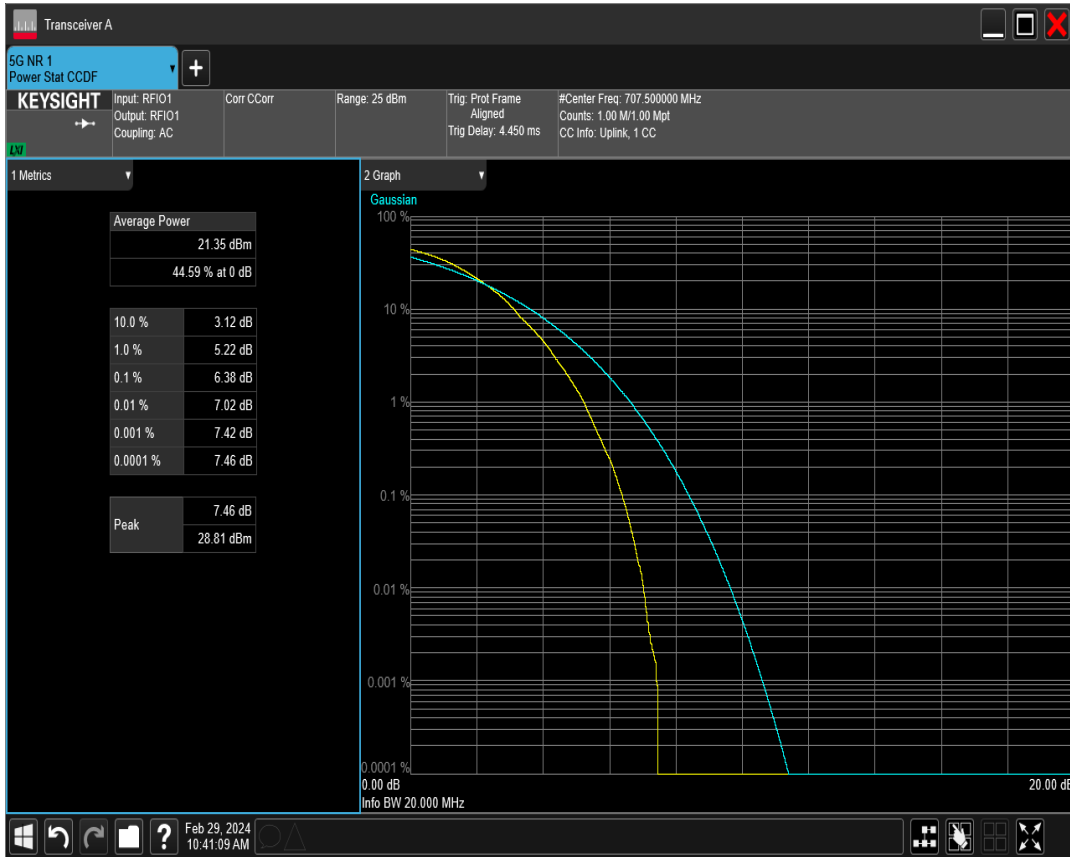
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141500 RB=36@0



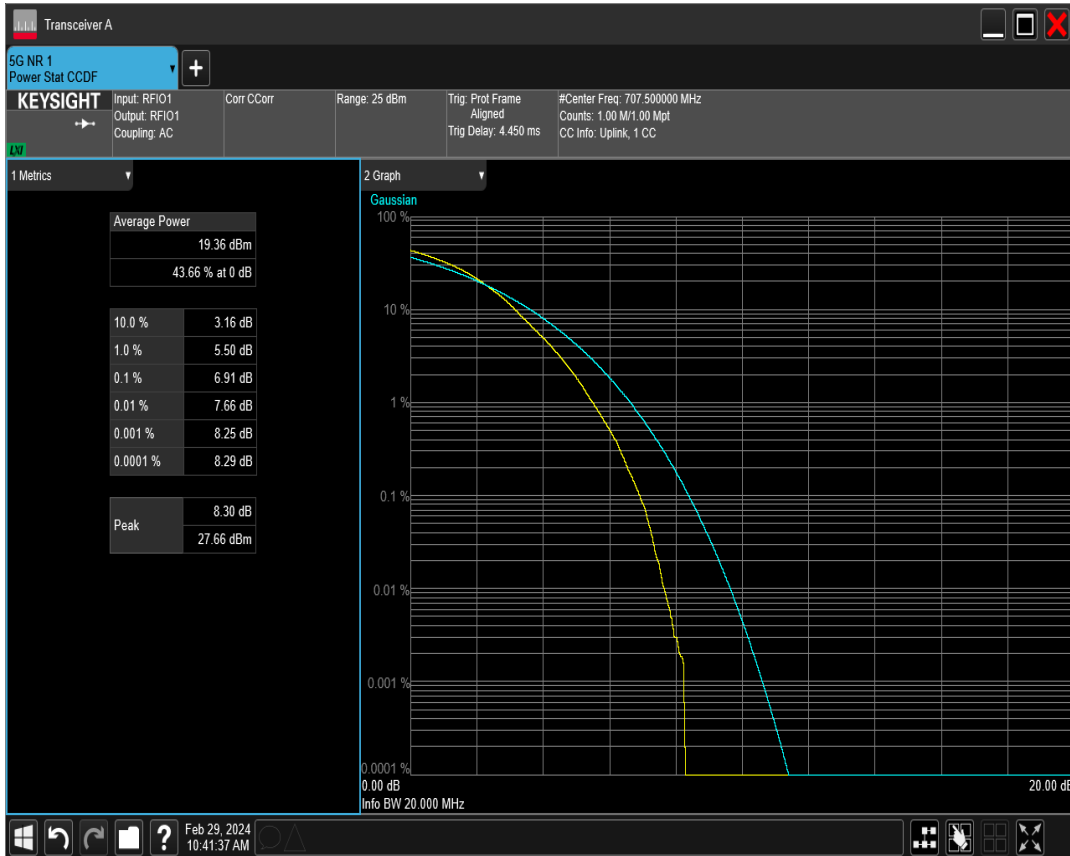
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141500 RB=36@0



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



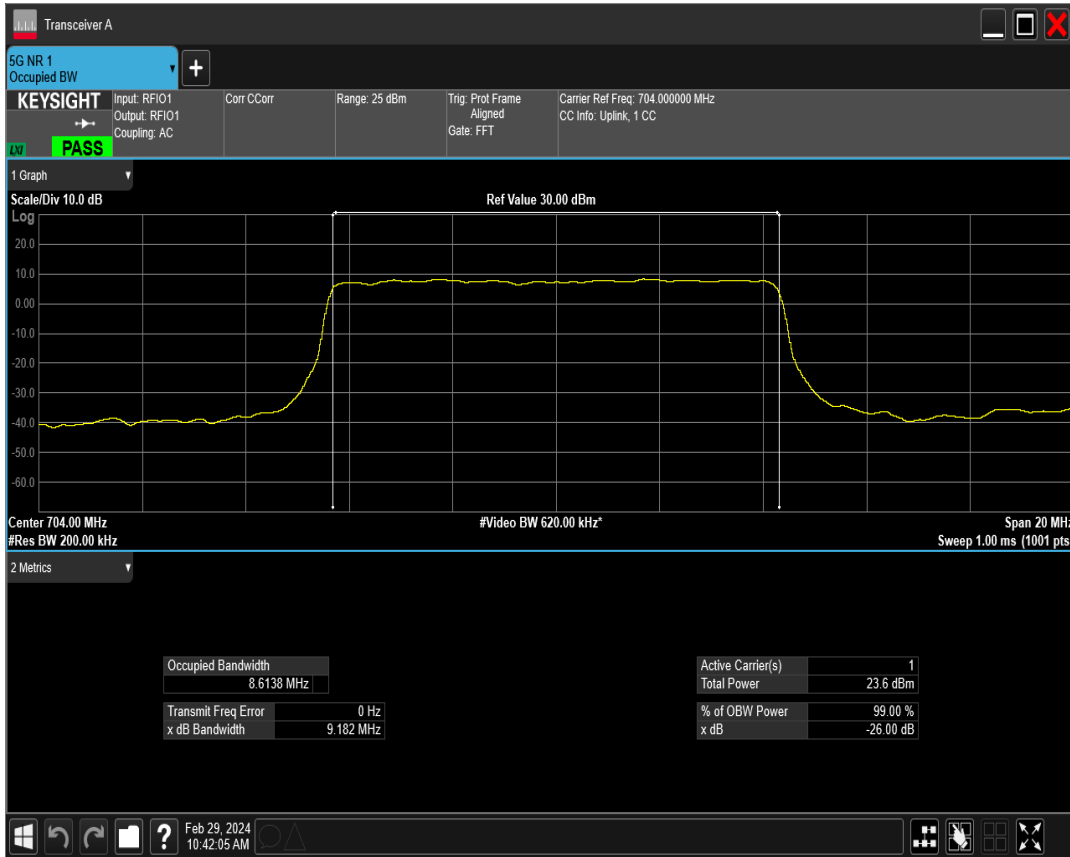
n12 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=141500 RB=36@0



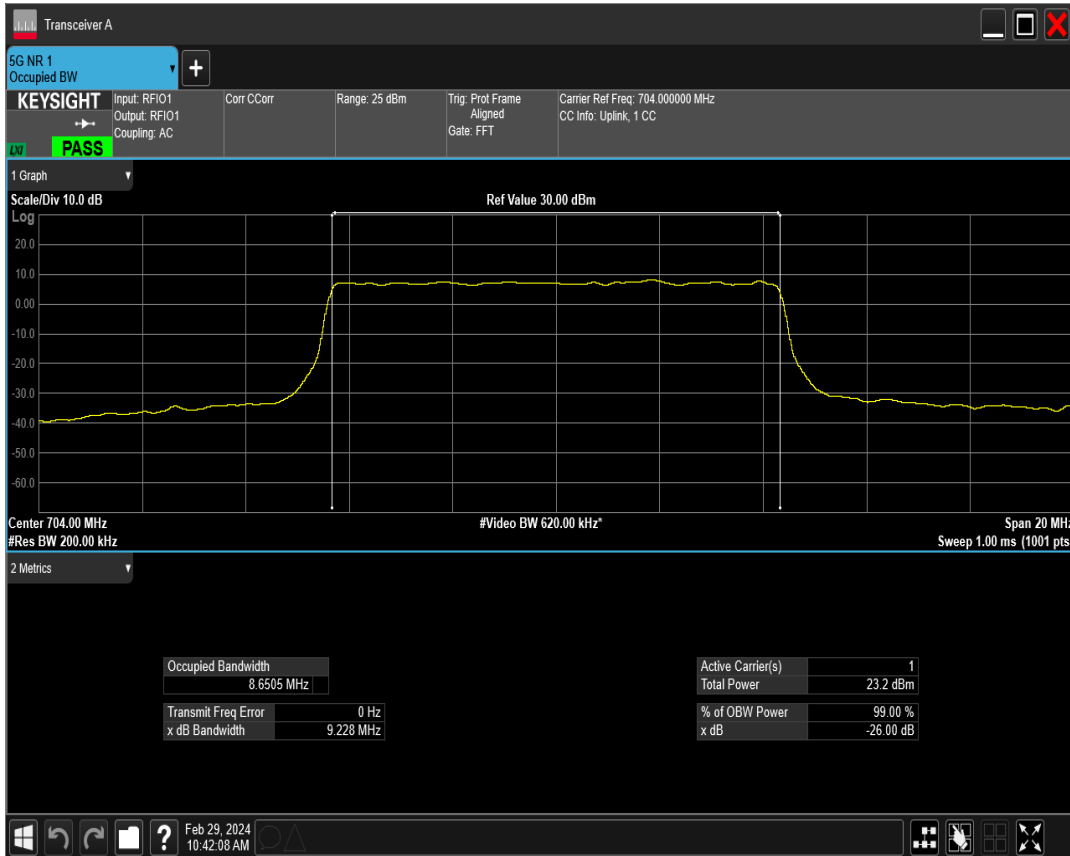
### 4 Occupied bandwidth for NR FR1

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	8.610	9.180	PASS
n12	30	10	140800	24@0	DFT_QPSK	8.650	9.230	PASS
n12	30	10	140800	24@0	DFT_QAM16	8.620	9.220	PASS
n12	30	10	140800	24@0	DFT_QAM64	8.610	9.210	PASS
n12	30	10	140800	24@0	DFT_QAM256	8.640	9.220	PASS
n12	30	10	140800	24@0	CP_QPSK	8.610	9.190	PASS
n12	30	10	141500	24@0	DFT_BPSK	8.650	9.210	PASS
n12	30	10	141500	24@0	DFT_QPSK	8.620	9.200	PASS
n12	30	10	141500	24@0	DFT_QAM16	8.610	9.190	PASS
n12	30	10	141500	24@0	DFT_QAM64	8.610	9.200	PASS
n12	30	10	141500	24@0	DFT_QAM256	8.640	9.200	PASS
n12	30	10	141500	24@0	CP_QPSK	8.610	9.190	PASS
n12	30	10	142200	24@0	DFT_BPSK	8.620	9.160	PASS
n12	30	10	142200	24@0	DFT_QPSK	8.640	9.190	PASS
n12	30	10	142200	24@0	DFT_QAM16	8.610	9.200	PASS
n12	30	10	142200	24@0	DFT_QAM64	8.610	9.180	PASS
n12	30	10	142200	24@0	DFT_QAM256	8.640	9.160	PASS
n12	30	10	142200	24@0	CP_QPSK	8.620	9.190	PASS
n12	30	15	141300	36@0	DFT_BPSK	13.510	13.710	PASS
n12	30	15	141300	36@0	DFT_QPSK	13.460	13.700	PASS
n12	30	15	141300	36@0	DFT_QAM16	13.510	13.710	PASS
n12	30	15	141300	36@0	DFT_QAM64	13.460	13.730	PASS
n12	30	15	141300	36@0	DFT_QAM256	13.460	13.680	PASS
n12	30	15	141300	38@0	CP_QPSK	13.630	14.400	PASS
n12	30	15	141500	36@0	DFT_BPSK	13.460	13.710	PASS
n12	30	15	141500	36@0	DFT_QPSK	13.520	13.730	PASS
n12	30	15	141500	36@0	DFT_QAM16	13.510	13.710	PASS
n12	30	15	141500	36@0	DFT_QAM64	13.500	13.720	PASS
n12	30	15	141500	36@0	DFT_QAM256	13.470	13.730	PASS
n12	30	15	141500	38@0	CP_QPSK	13.630	14.420	PASS
n12	30	15	141700	36@0	DFT_BPSK	13.470	13.740	PASS
n12	30	15	141700	36@0	DFT_QPSK	13.510	13.700	PASS
n12	30	15	141700	36@0	DFT_QAM16	13.510	13.710	PASS
n12	30	15	141700	36@0	DFT_QAM64	13.500	13.700	PASS
n12	30	15	141700	36@0	DFT_QAM256	13.470	13.720	PASS
n12	30	15	141700	38@0	CP_QPSK	13.630	14.420	PASS

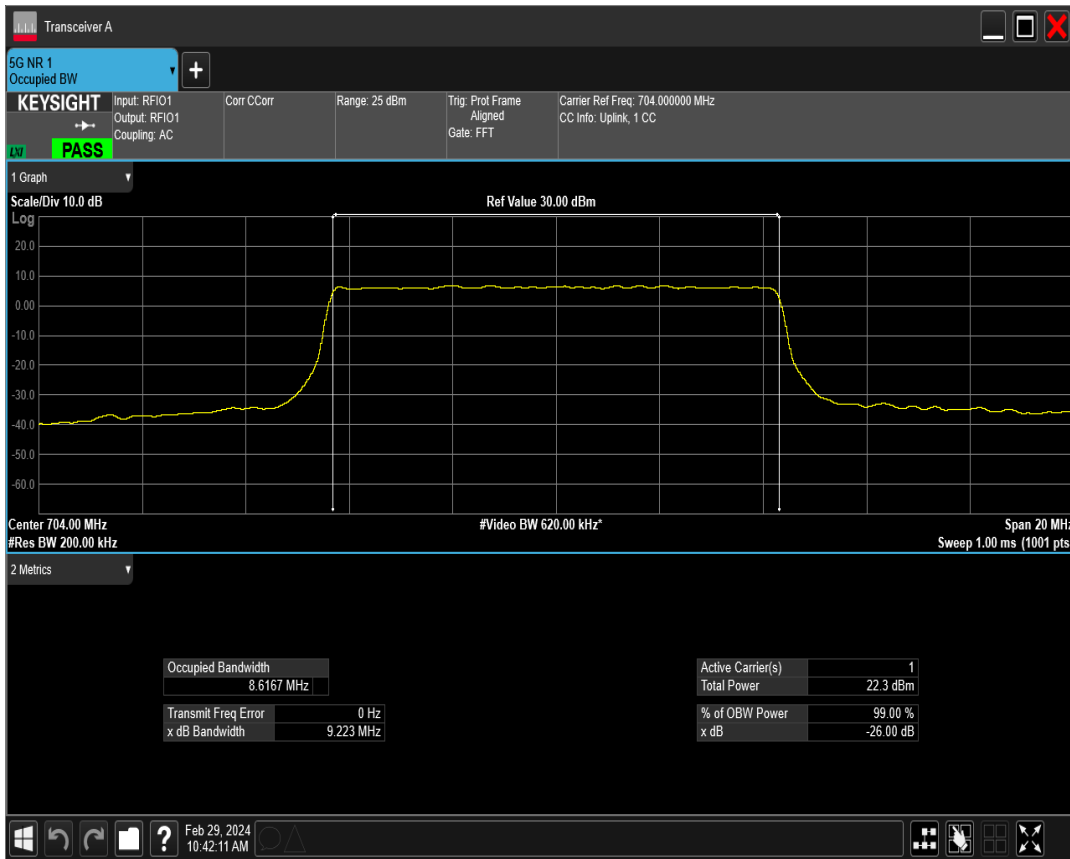
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=140800 RB=24@0



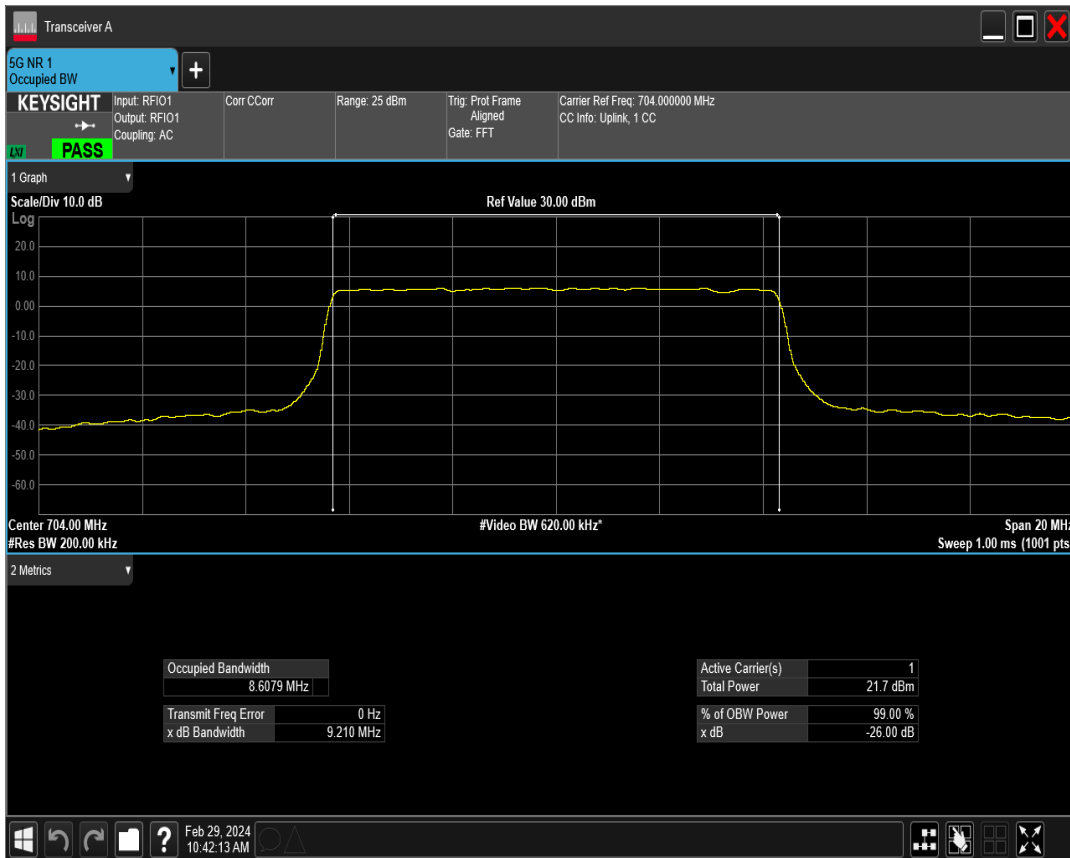
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=140800 RB=24@0



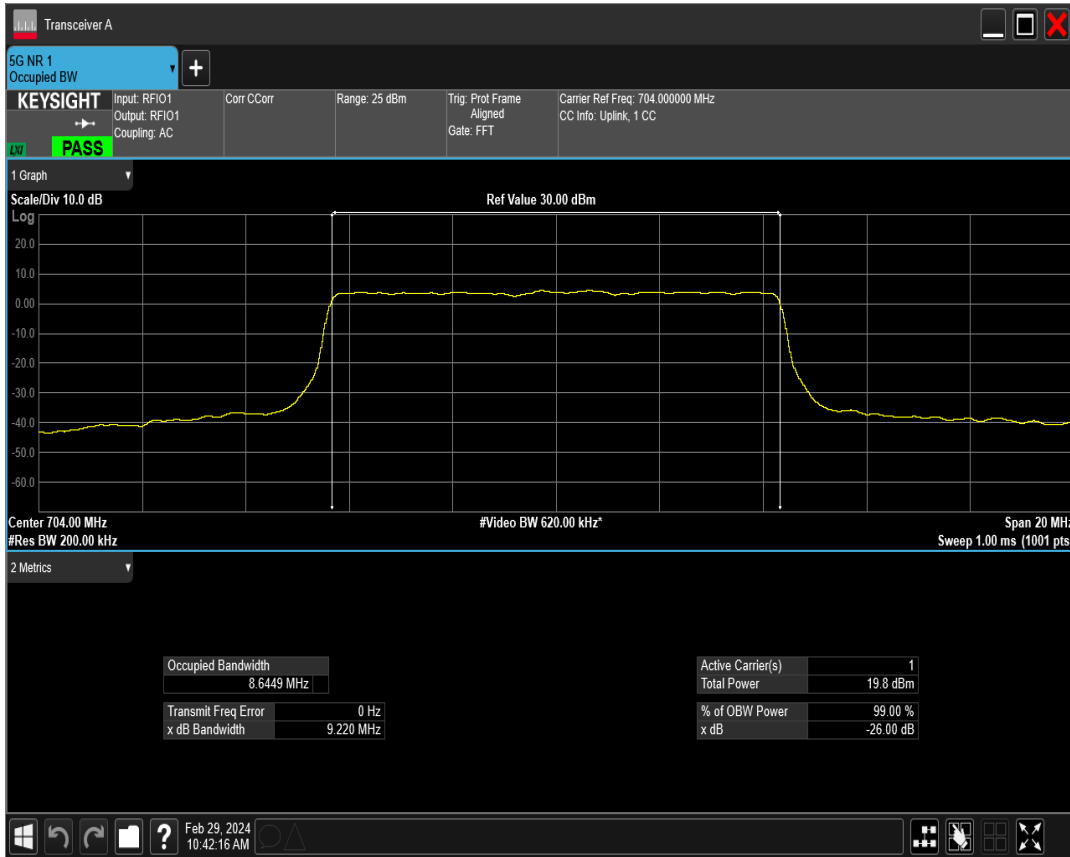
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=140800 RB=24@0



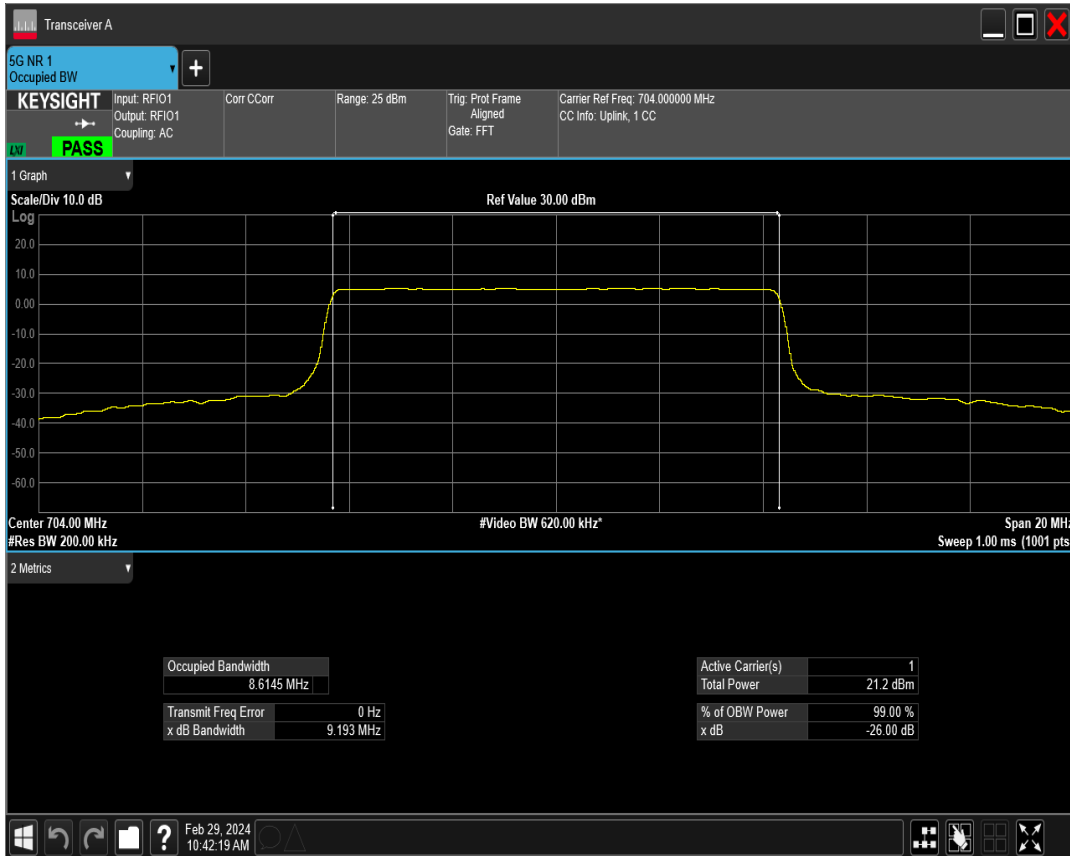
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=140800 RB=24@0



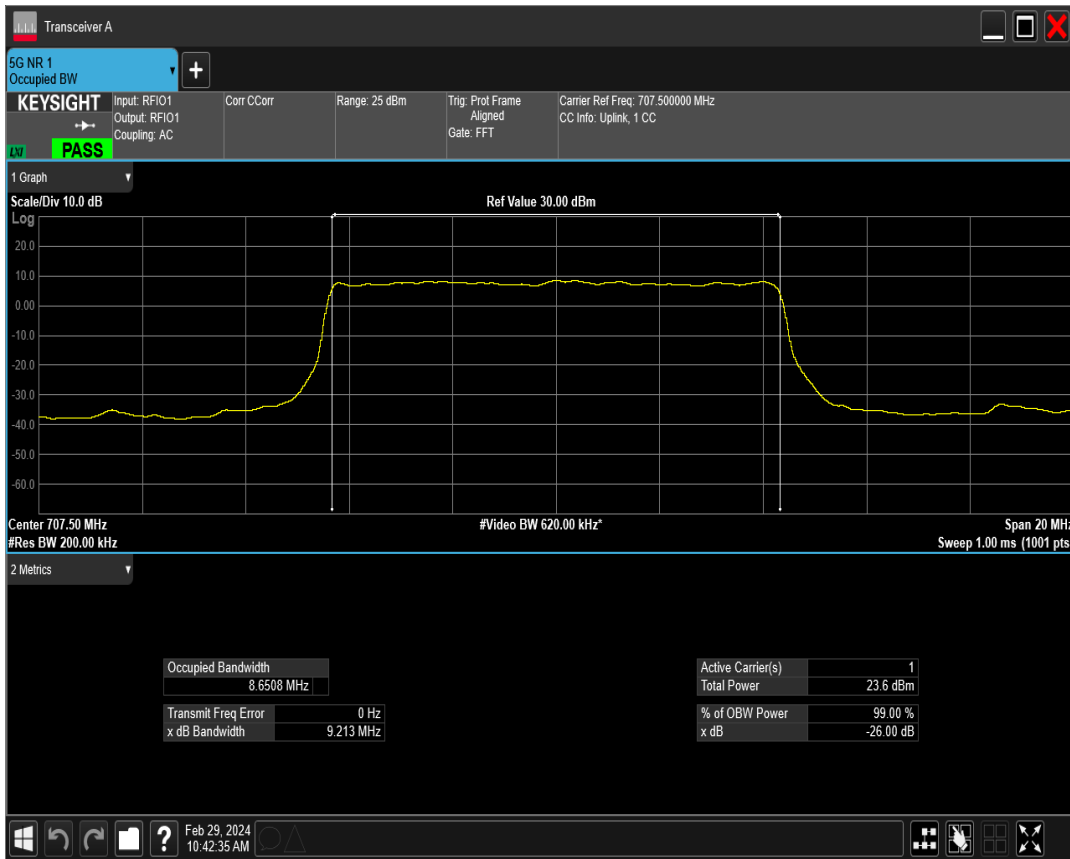
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=140800 RB=24@0



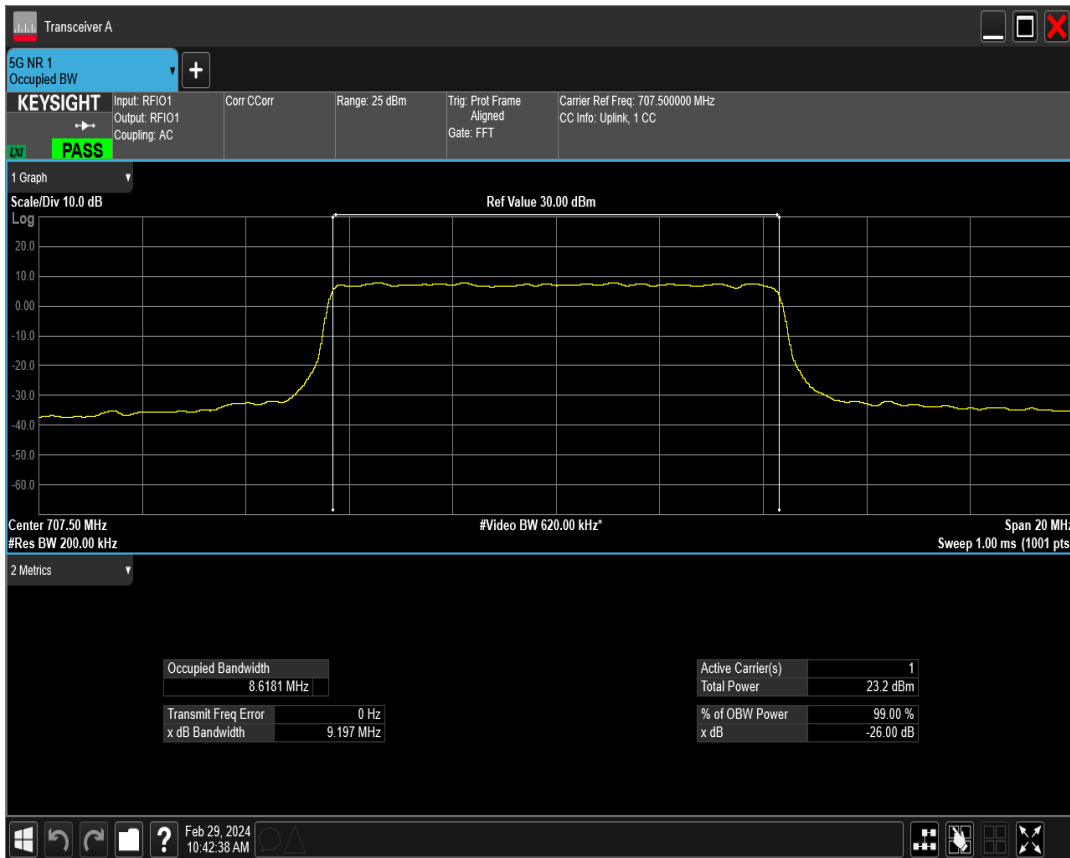
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=140800 RB=24@0



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

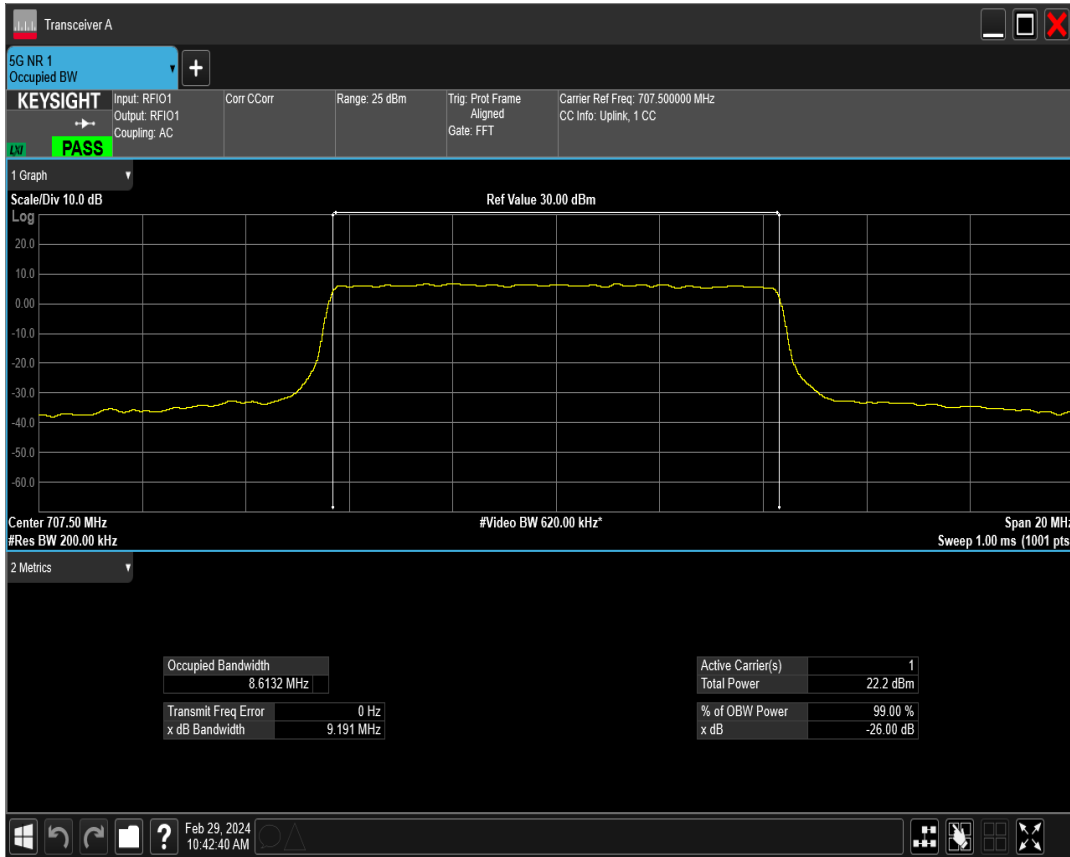


n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=141500 RB=24@0

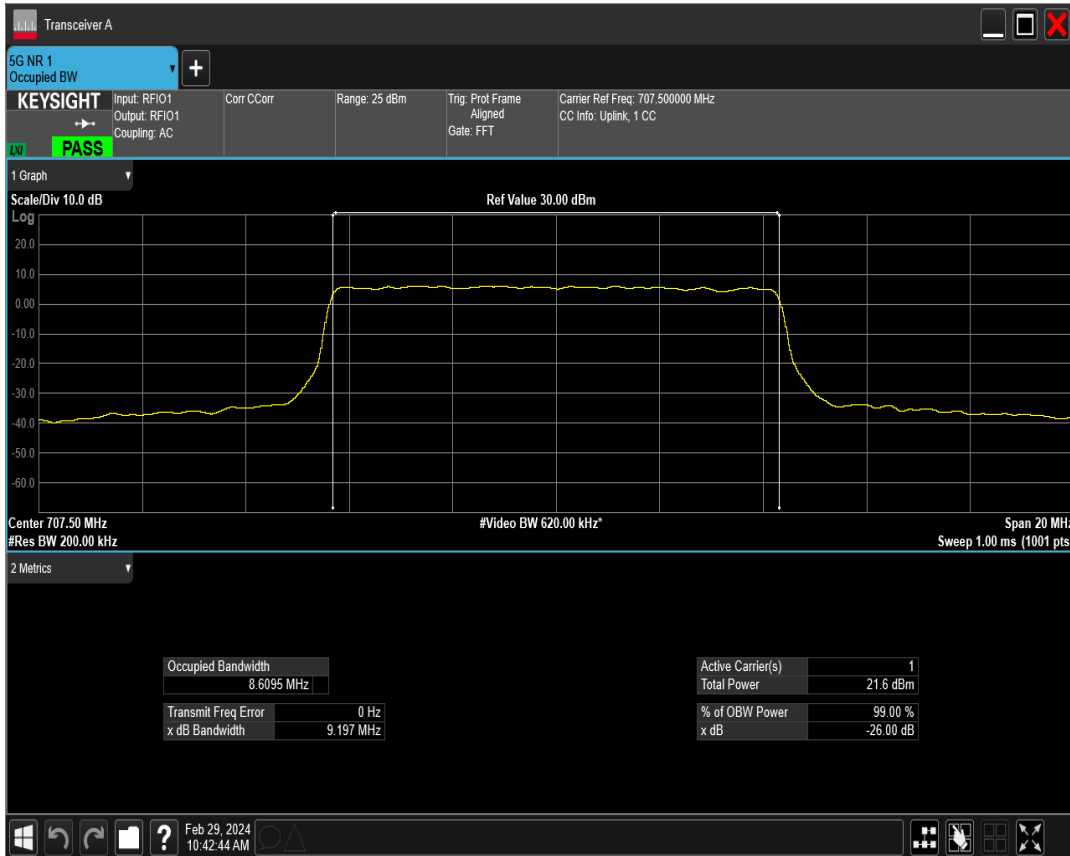




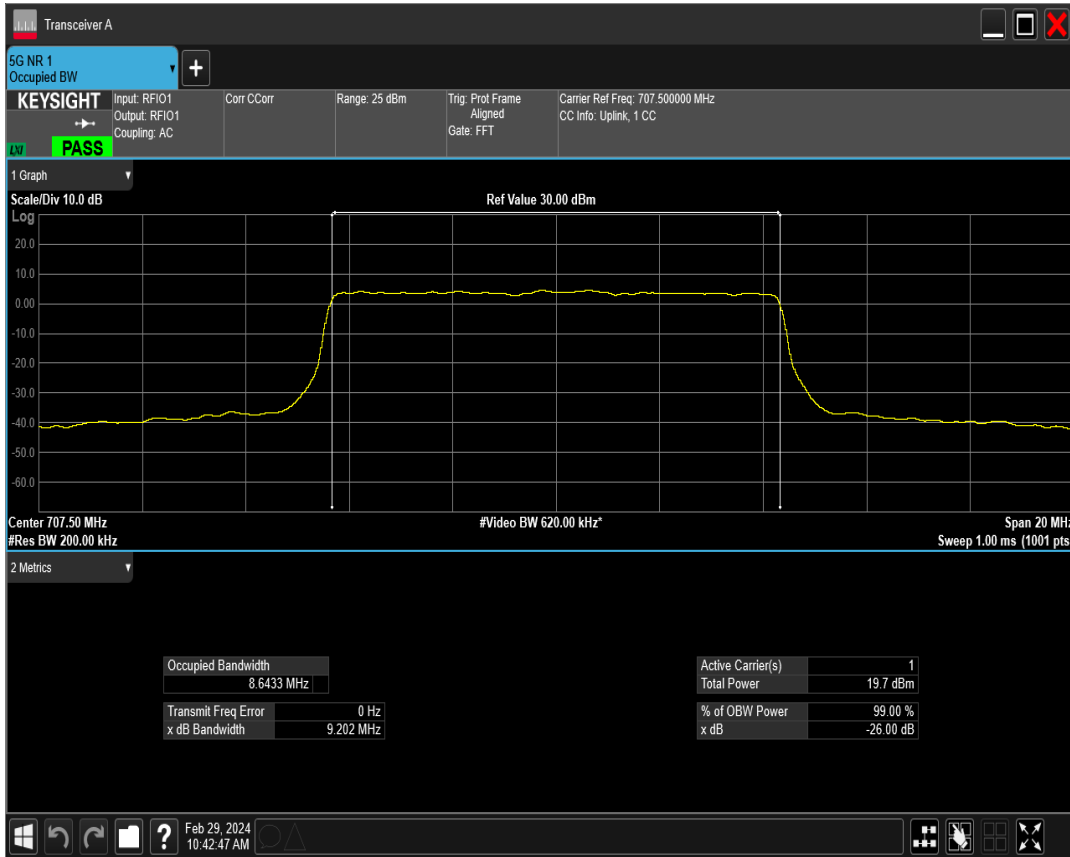
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=141500 RB=24@0



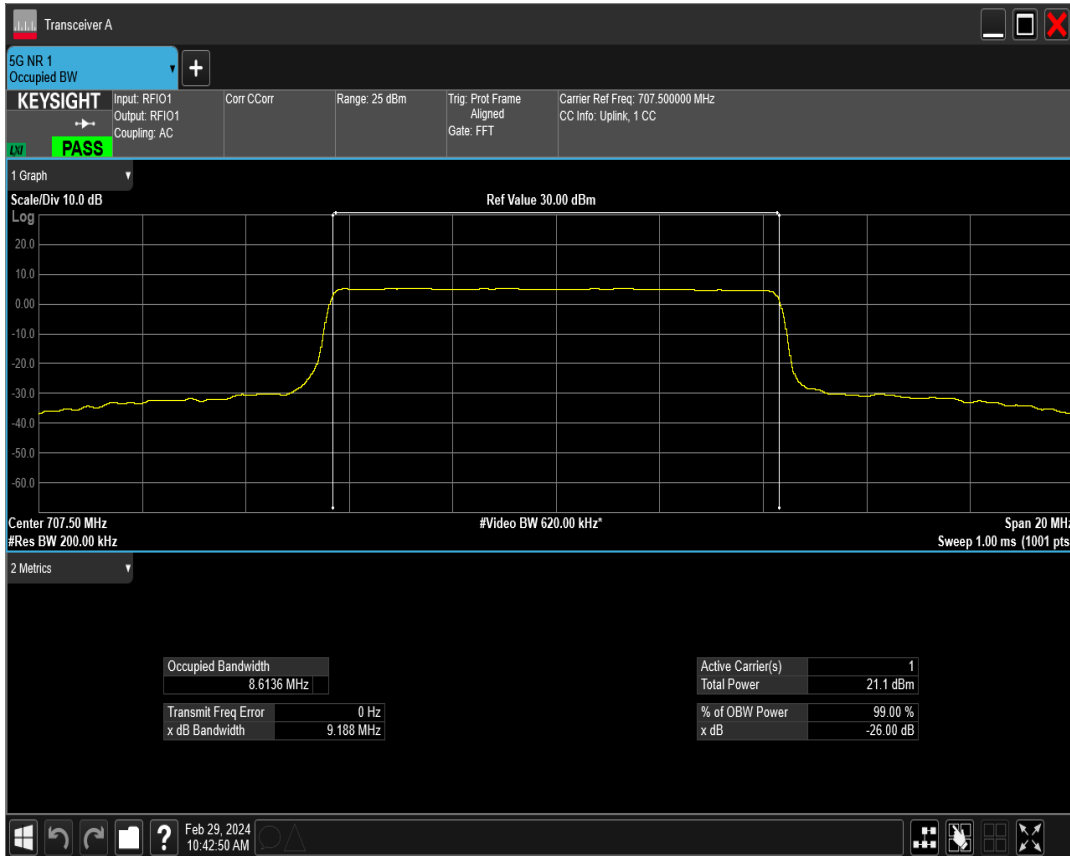
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=141500 RB=24@0



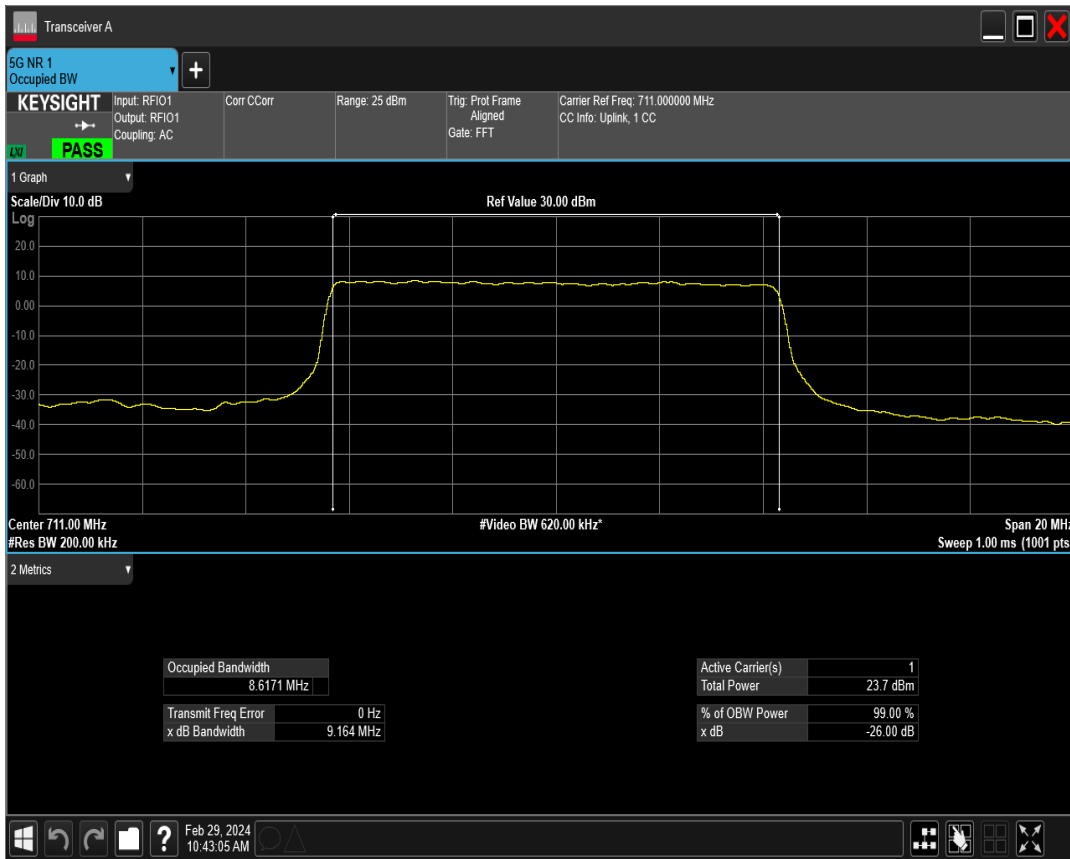
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=141500 RB=24@0



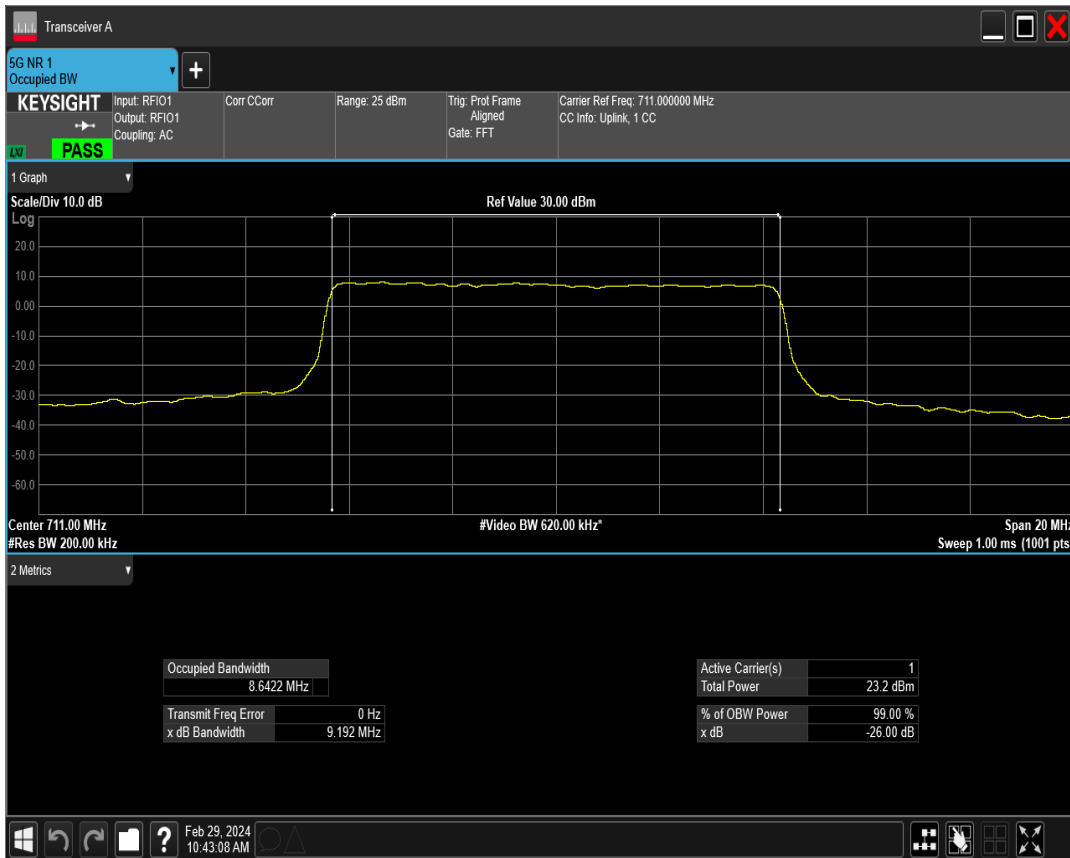
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=141500 RB=24@0



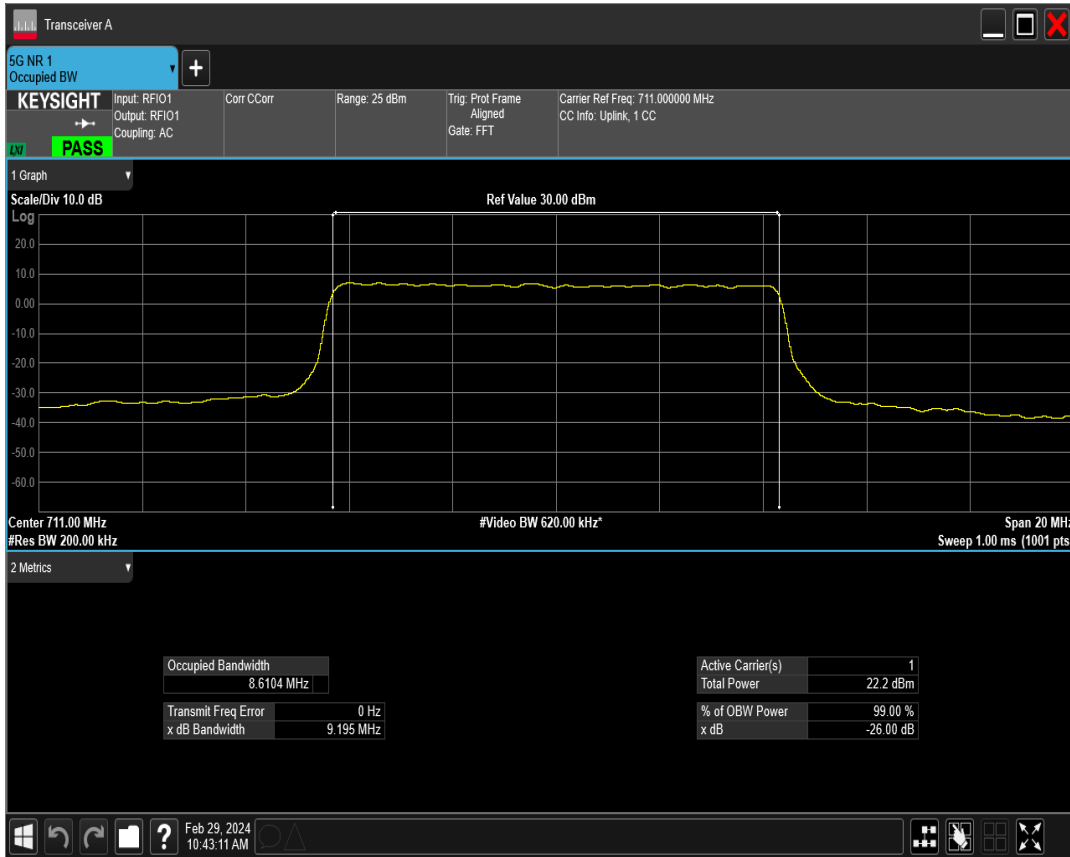
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=142200 RB=24@0



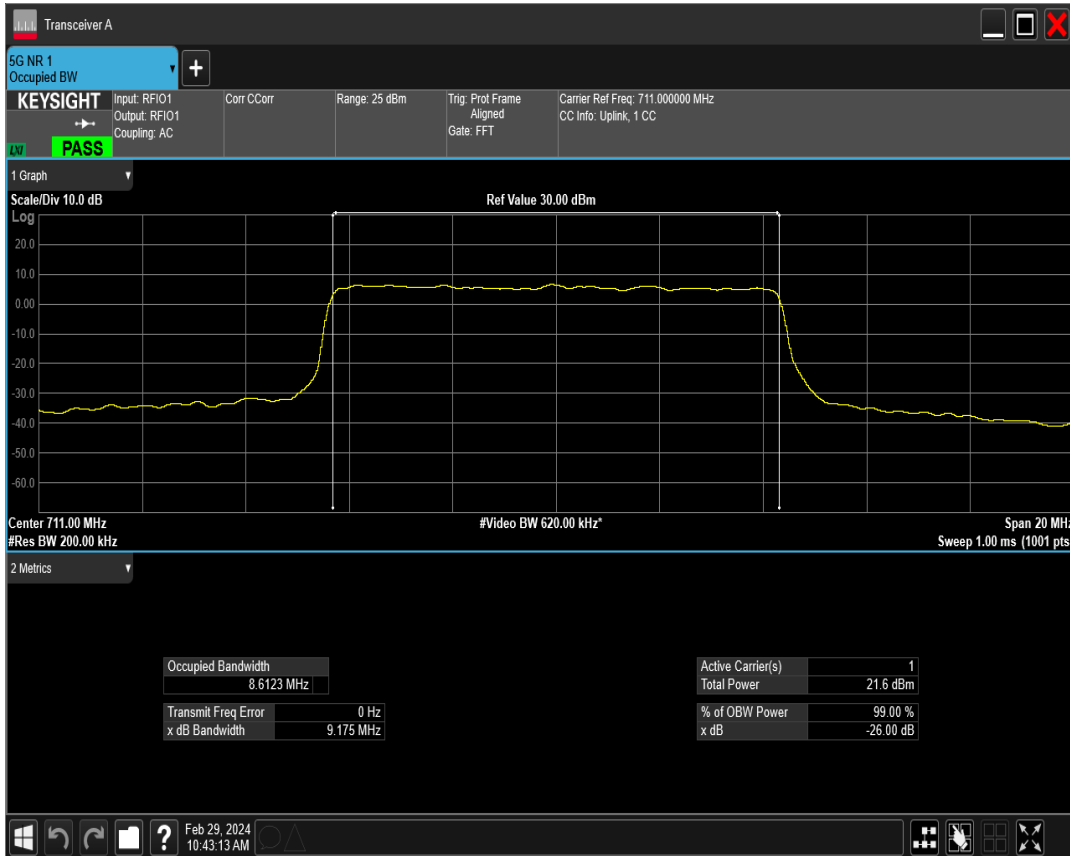
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=24@0



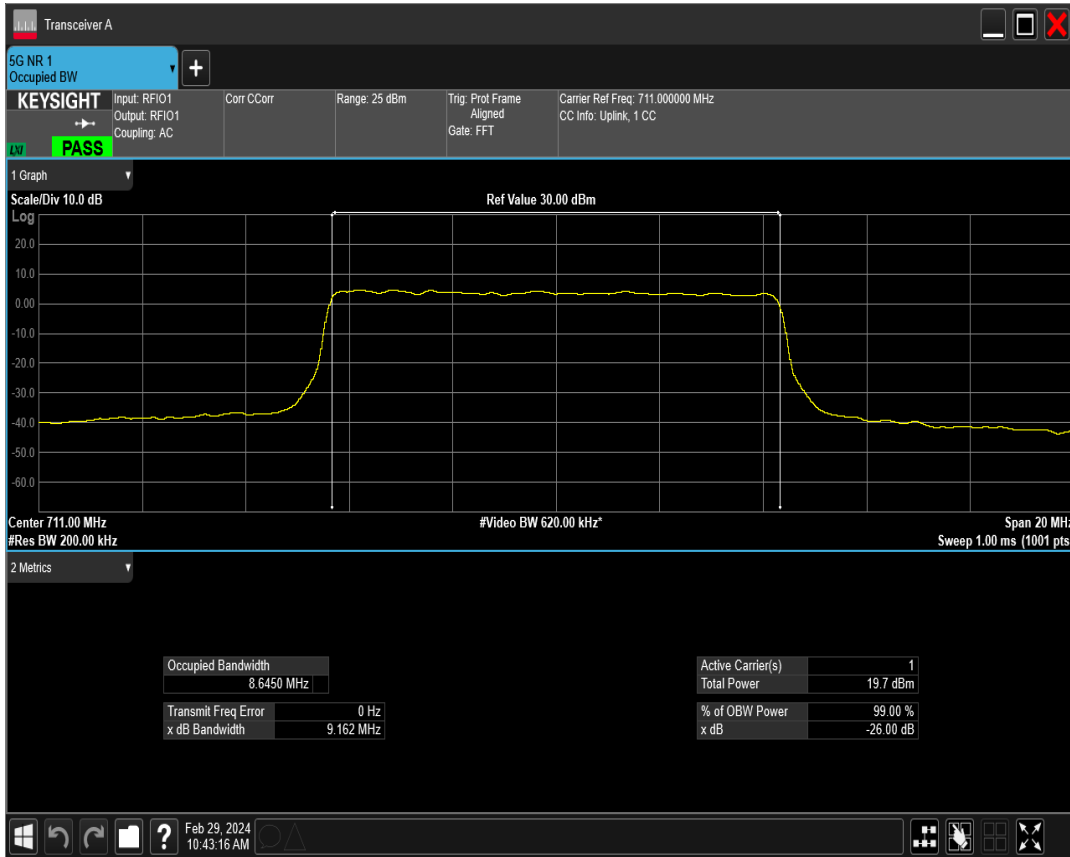
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=142200 RB=24@0



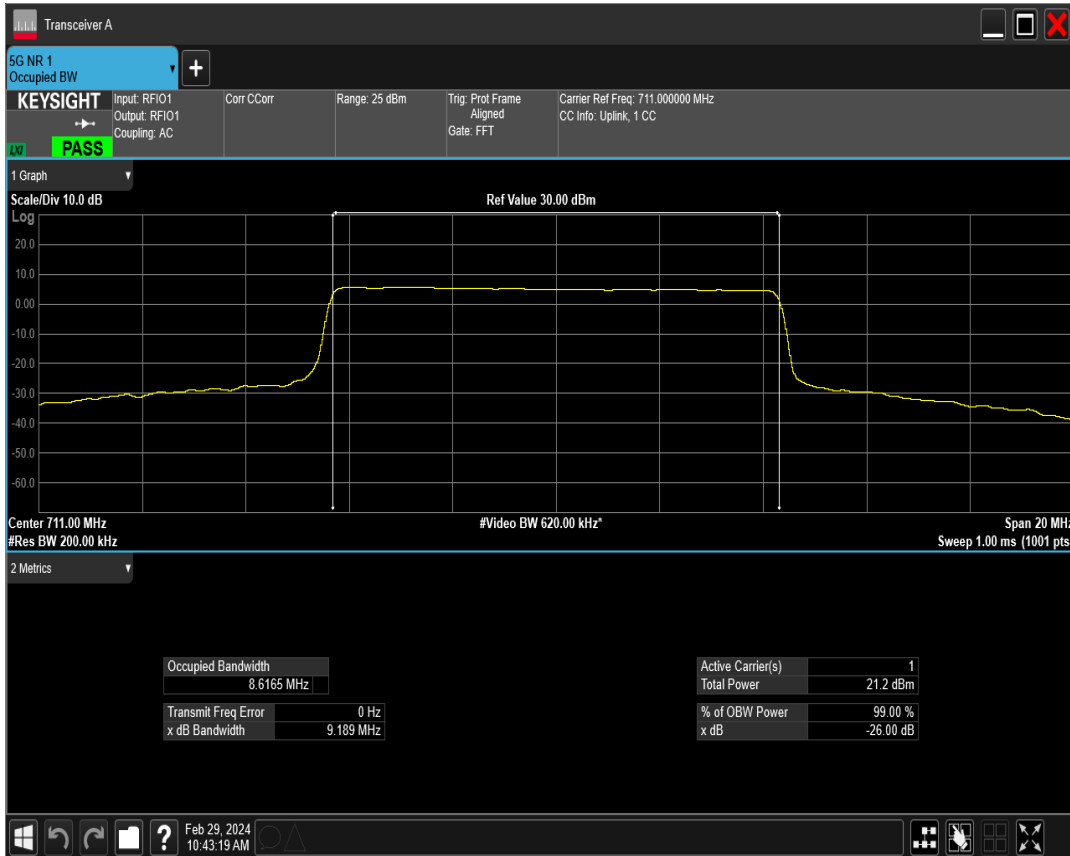
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=142200 RB=24@0



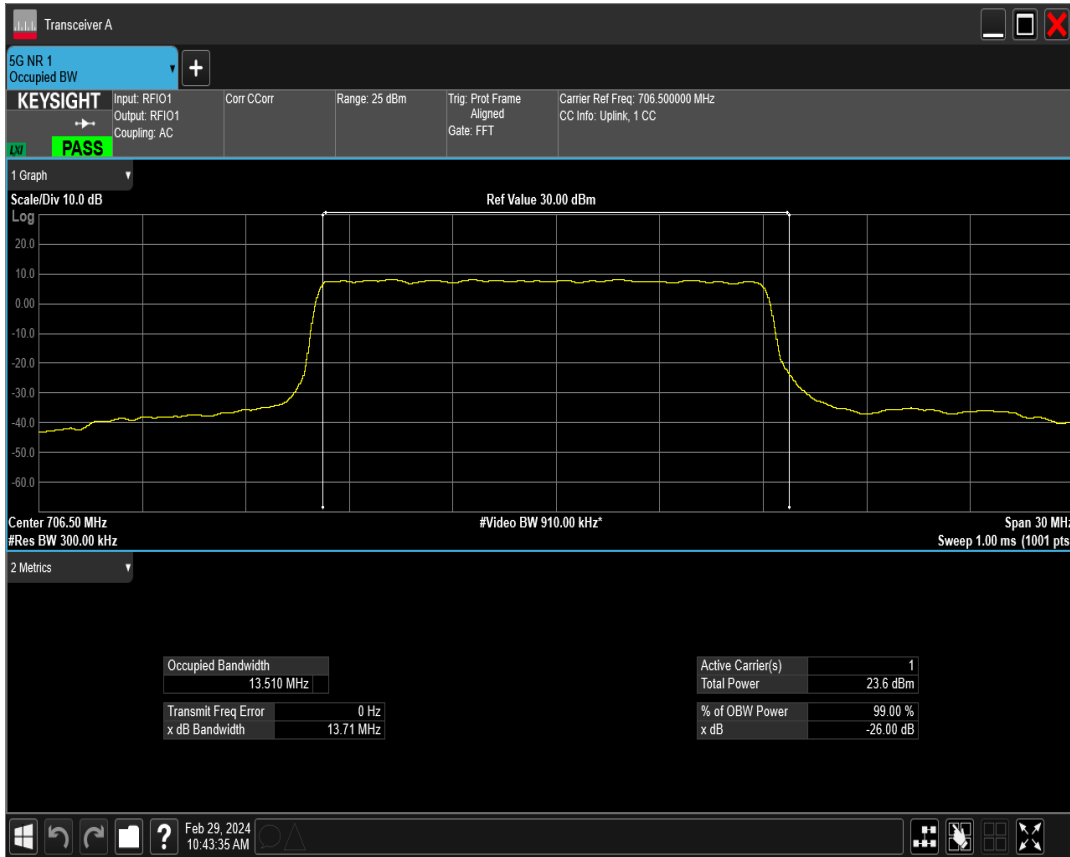
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=142200 RB=24@0



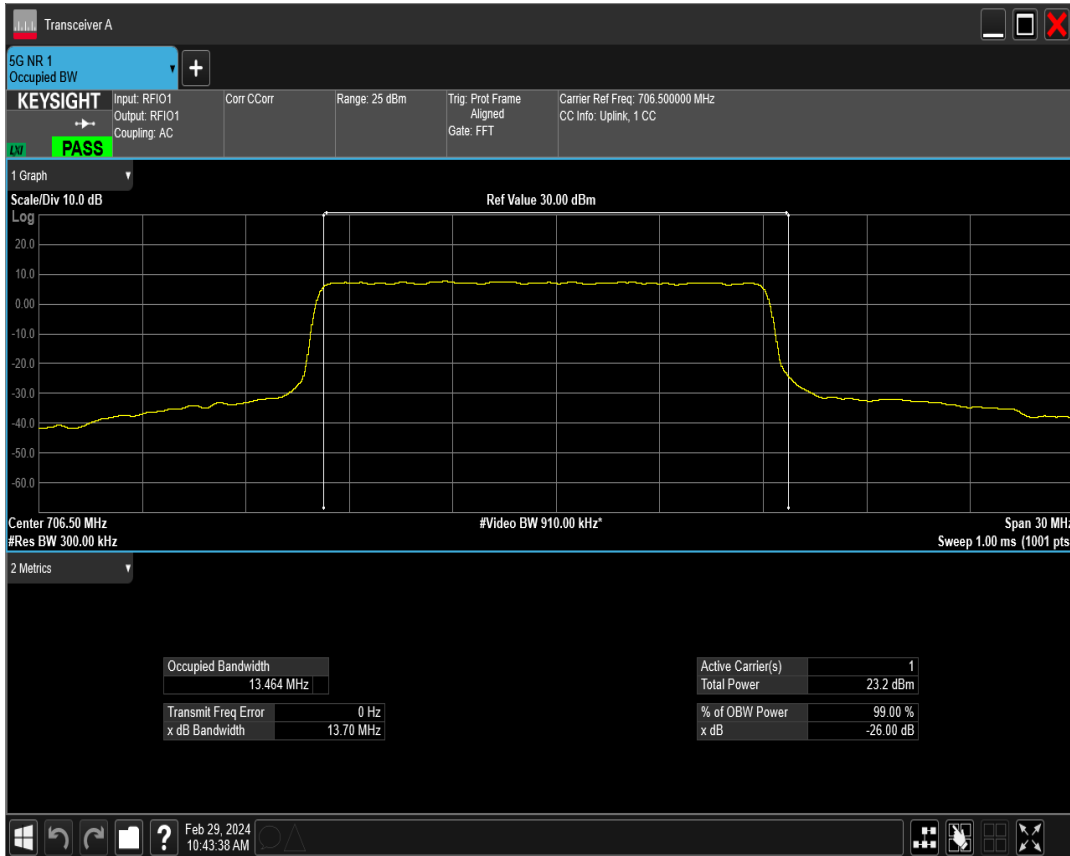
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=142200 RB=24@0



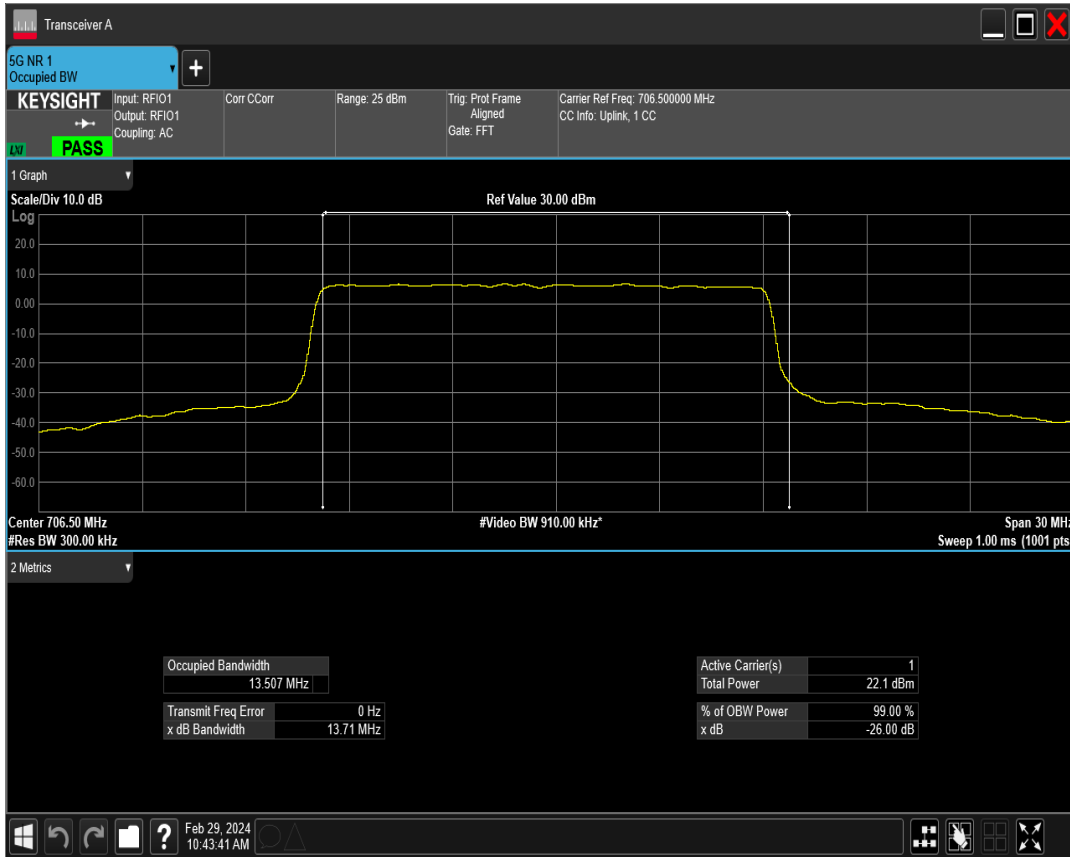
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141300 RB=36@0



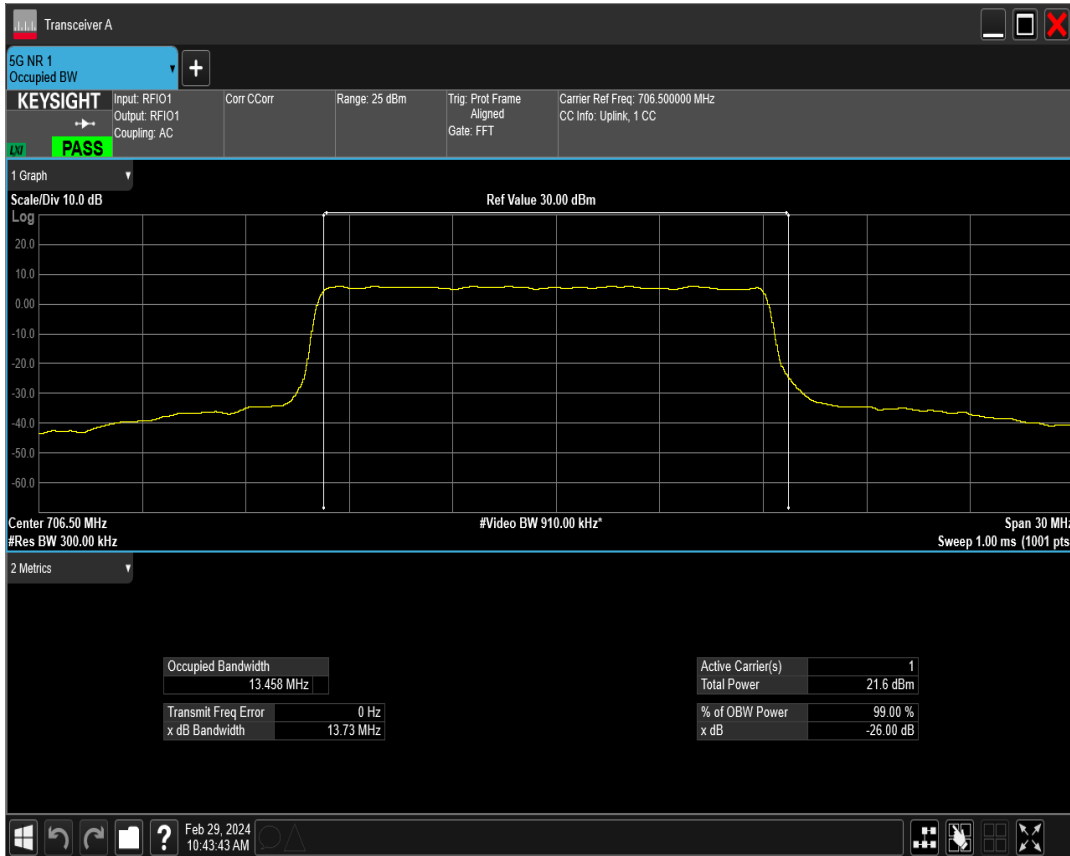
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141300 RB=36@0



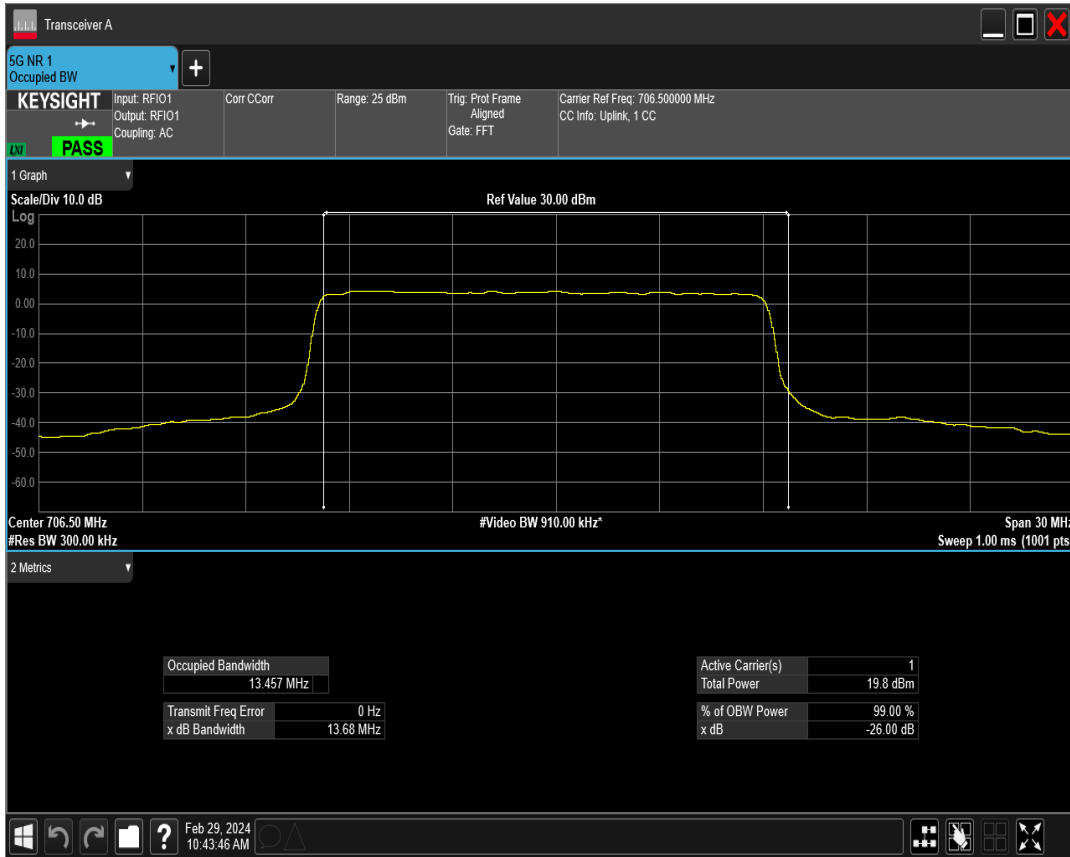
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141300 RB=36@0



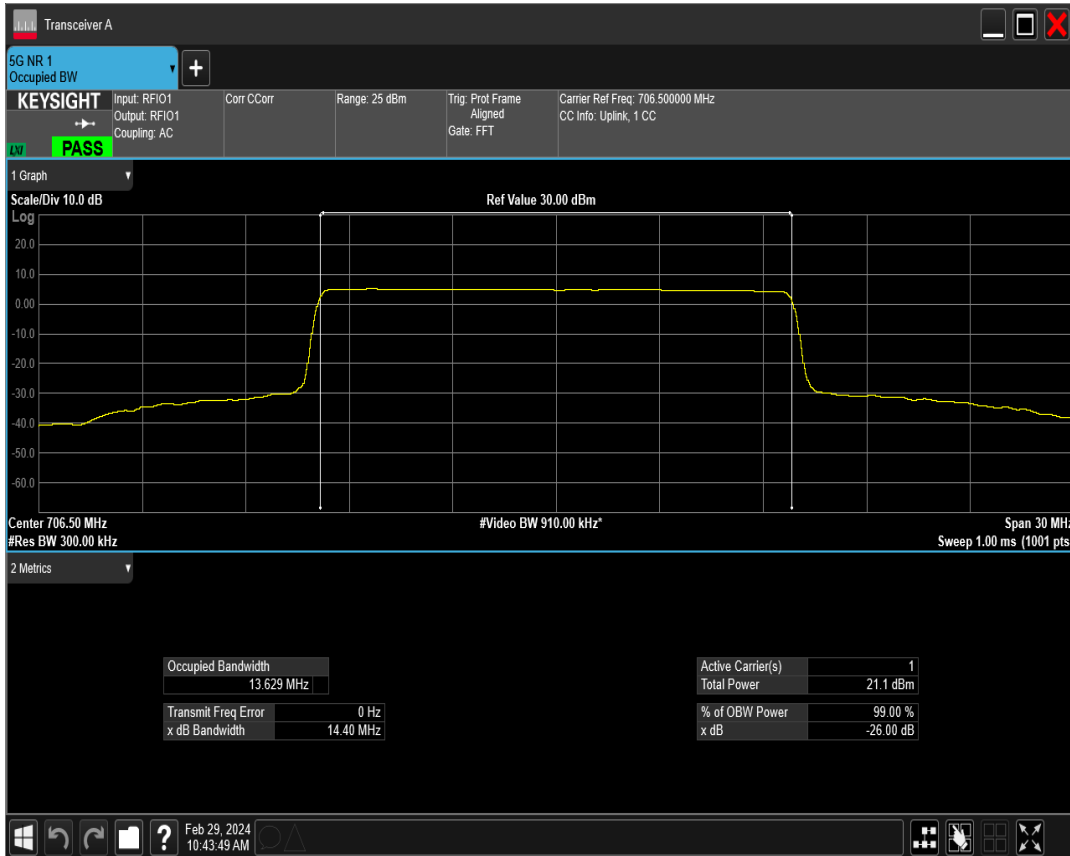
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141300 RB=36@0



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

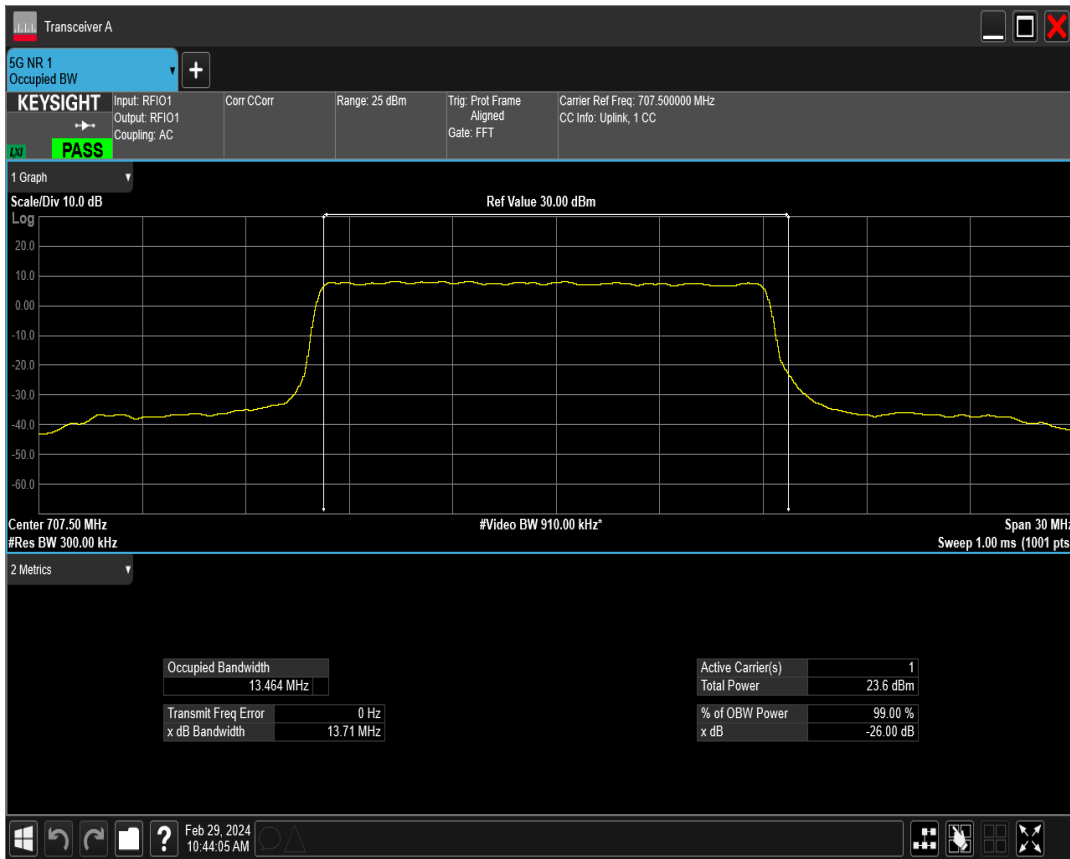


n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141300 RB=38@0

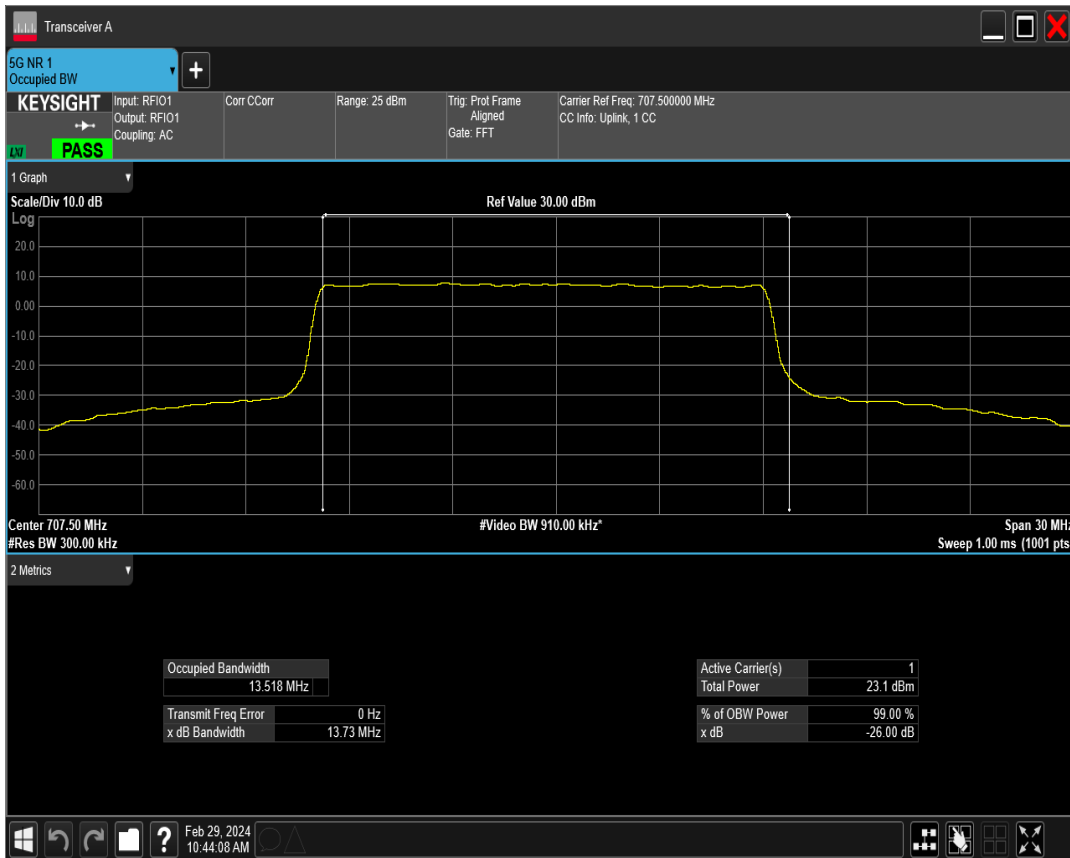




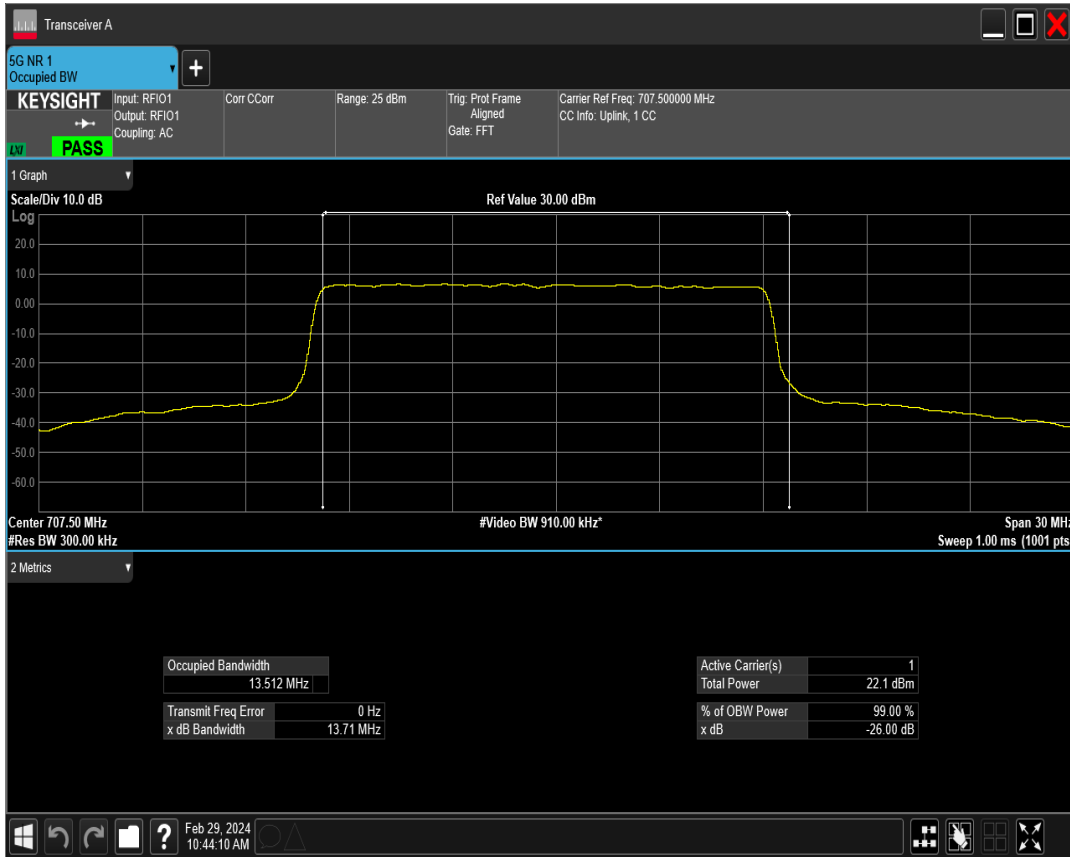
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141500 RB=36@0



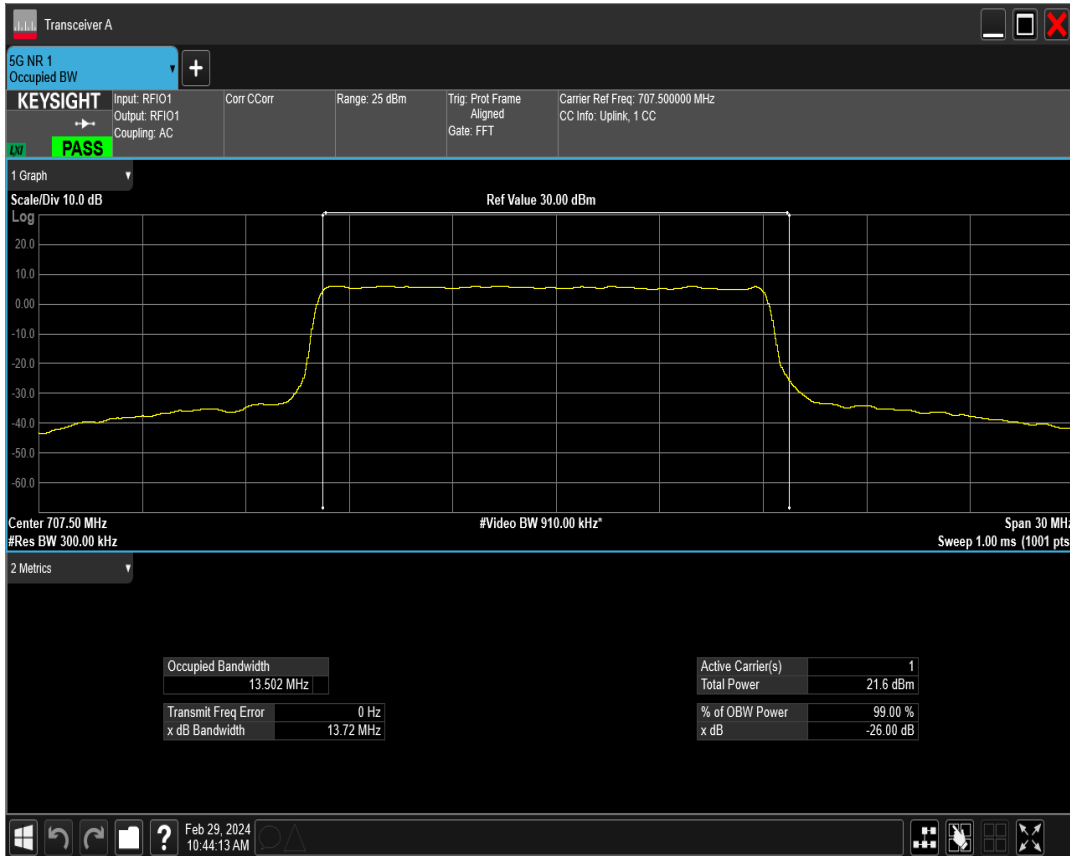
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141500 RB=36@0



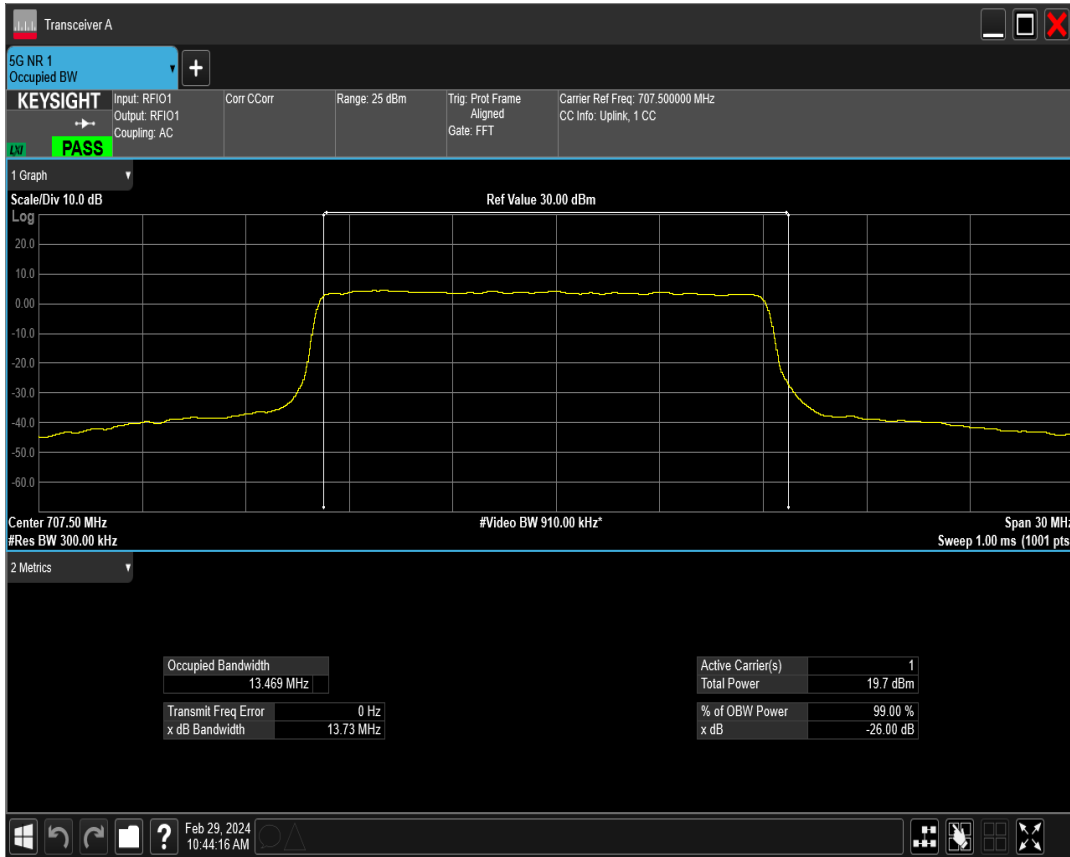
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141500 RB=36@0



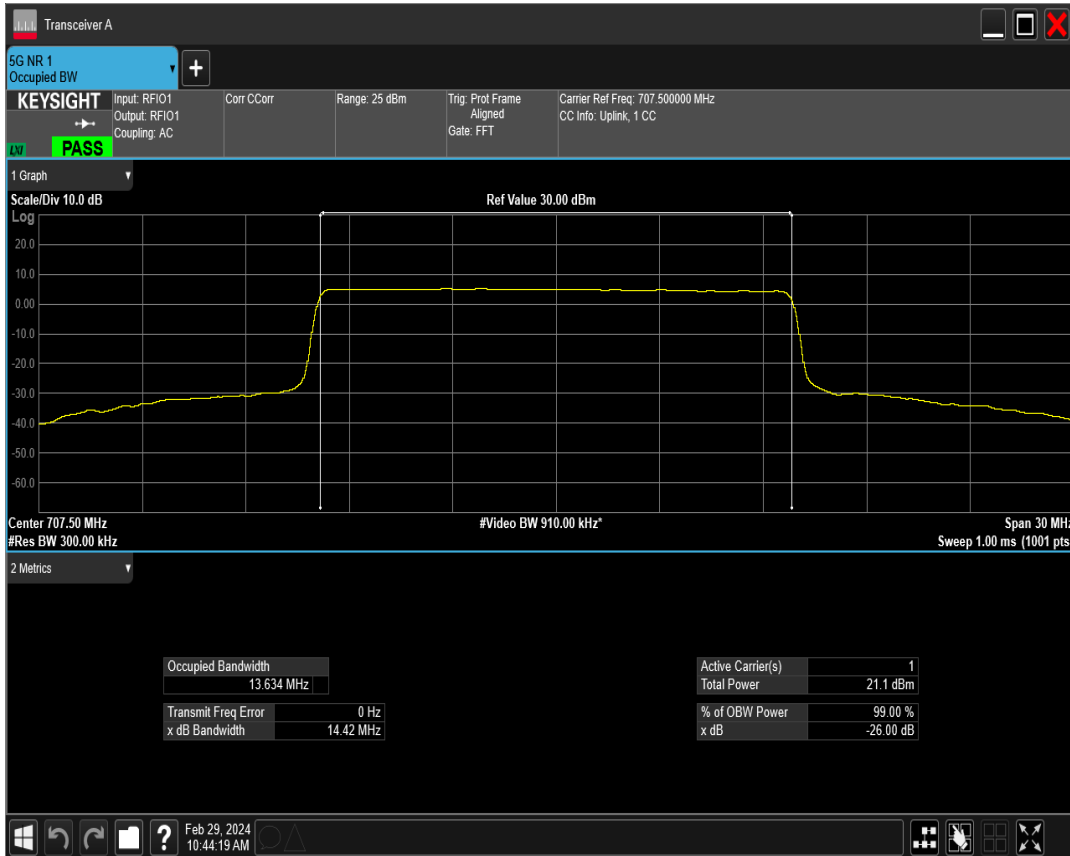
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141500 RB=36@0



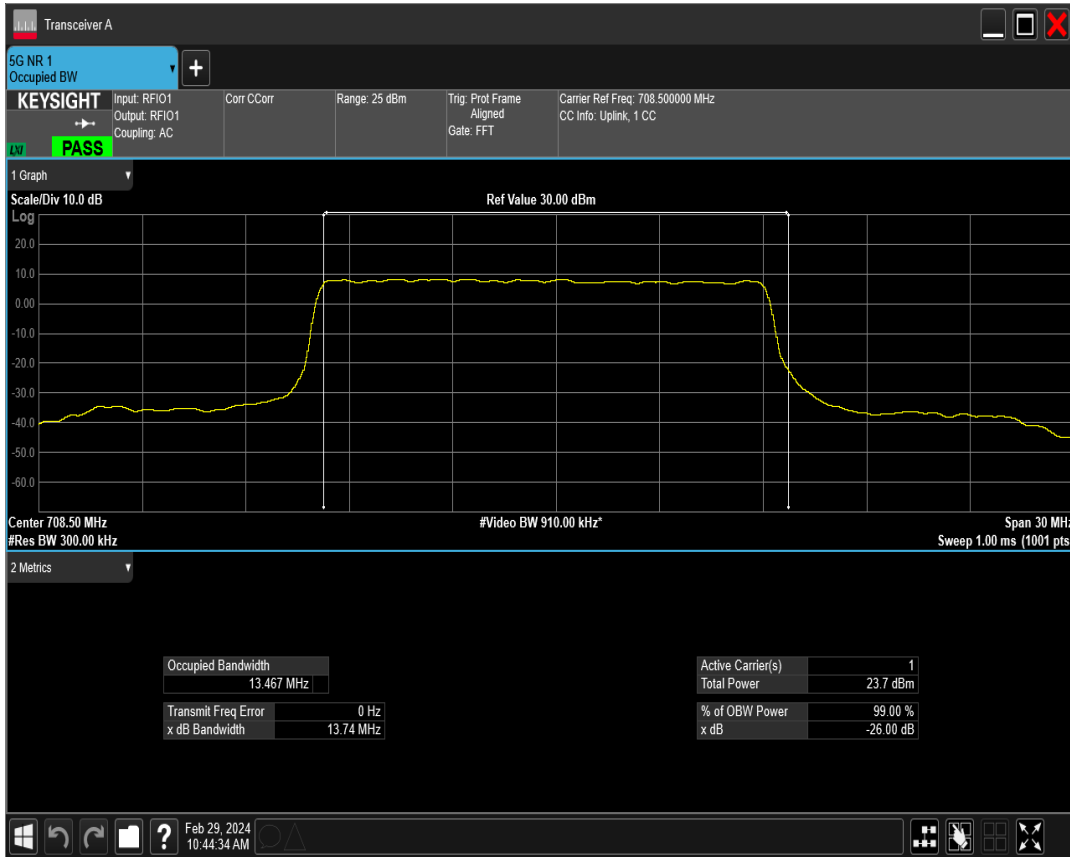
n12 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=141500 RB=36@0



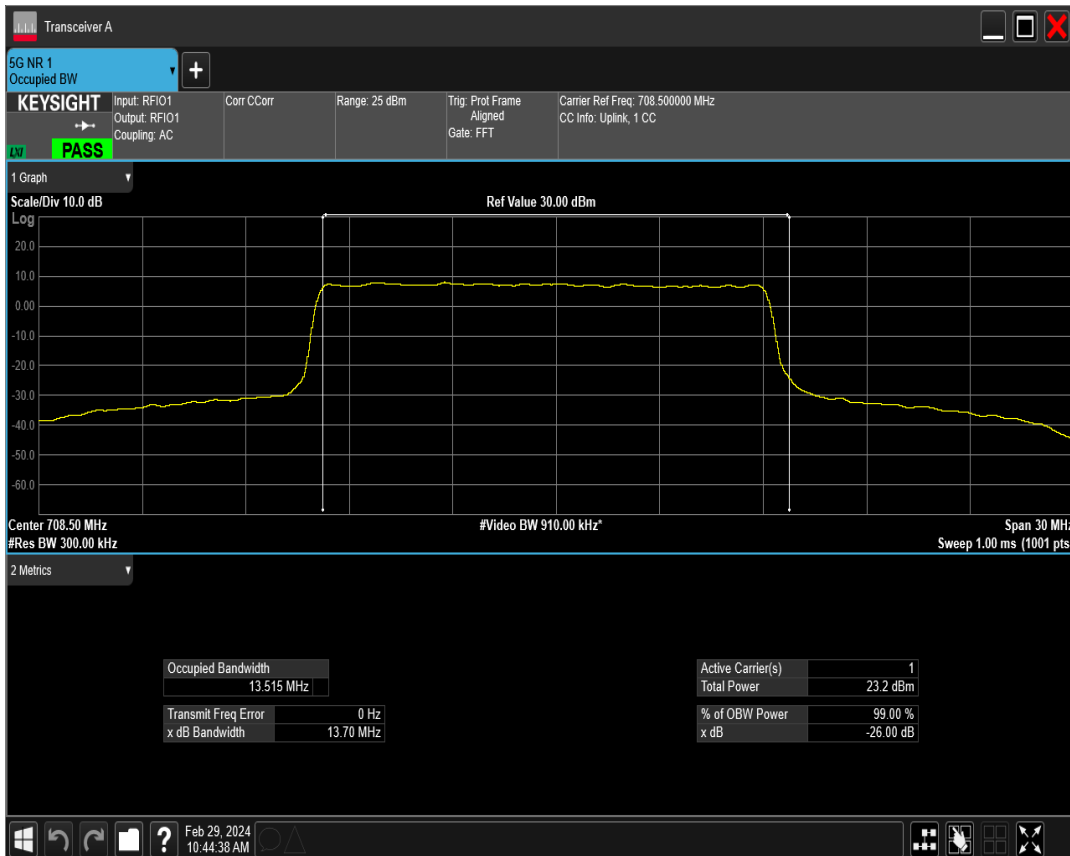
n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141500 RB=38@0



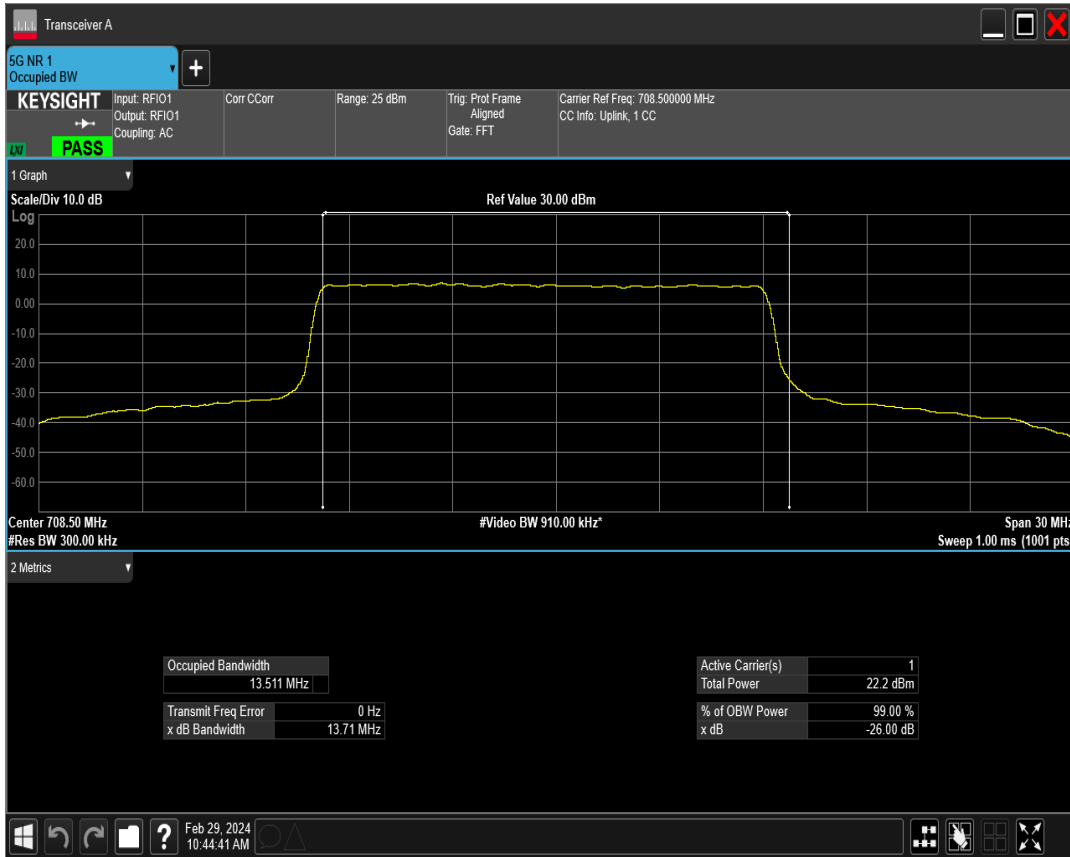
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141700 RB=36@0



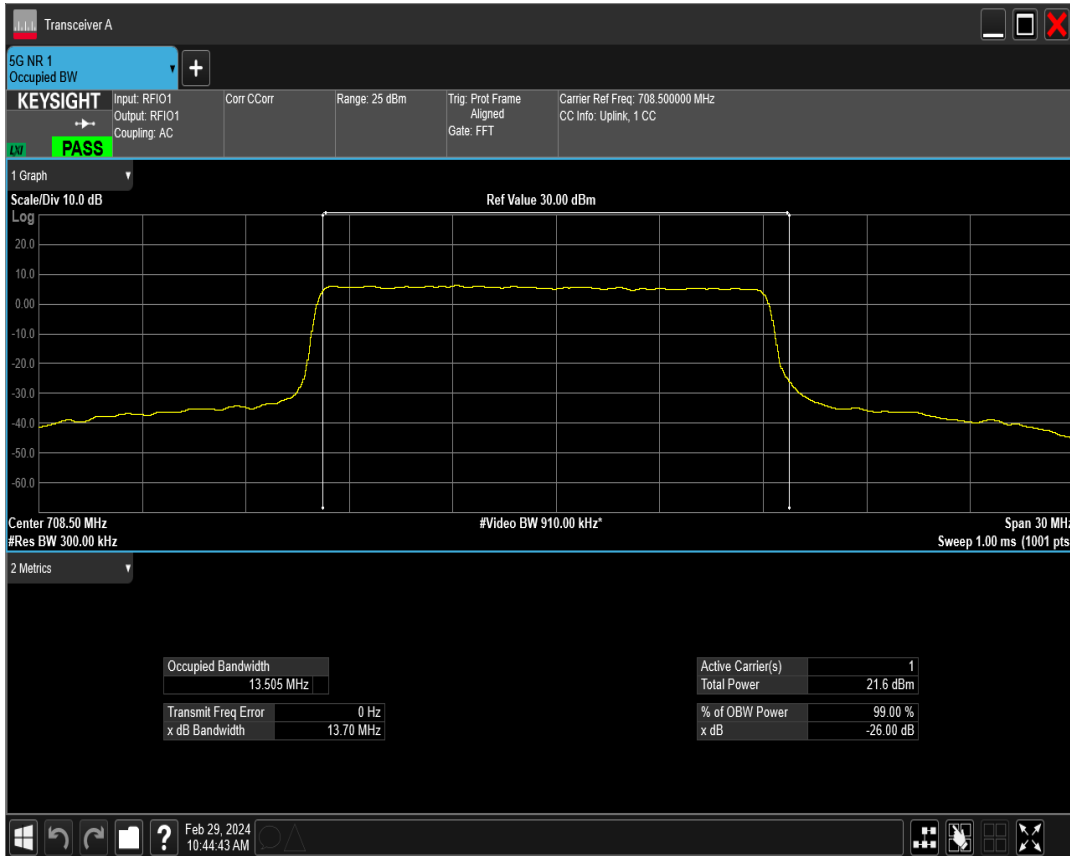
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=36@0



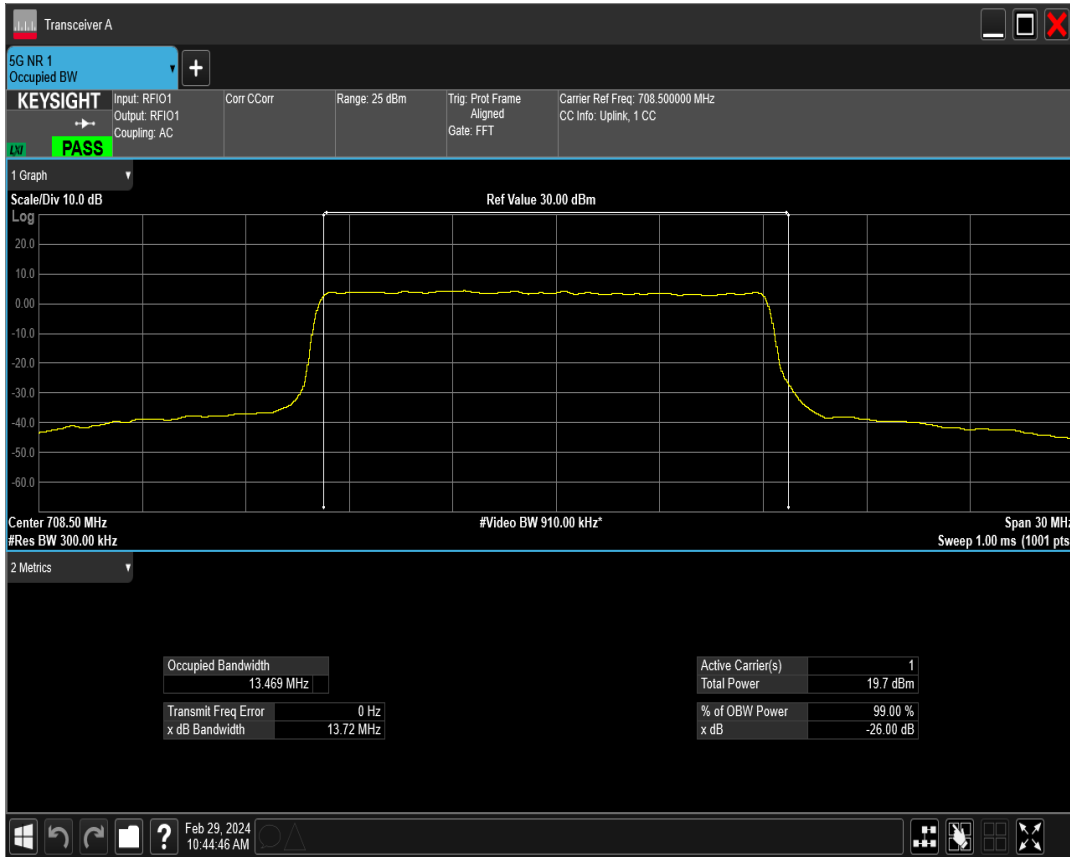
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141700 RB=36@0



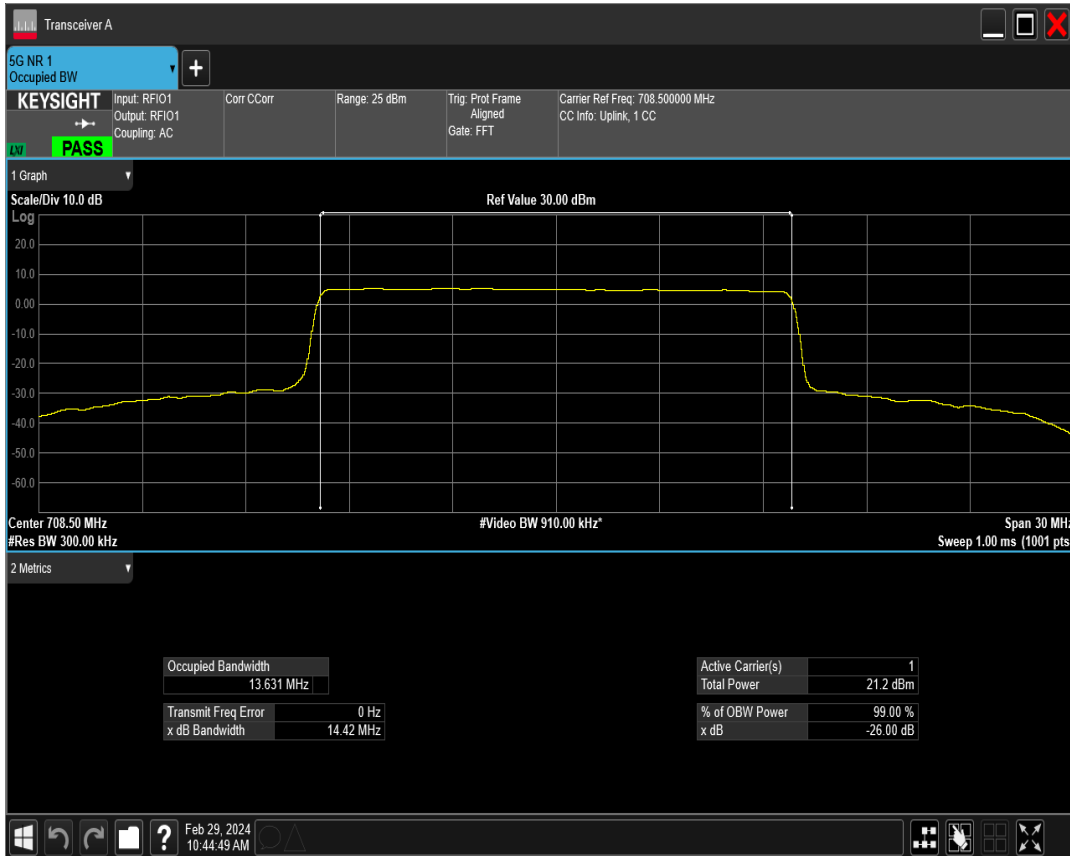
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141700 RB=36@0



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



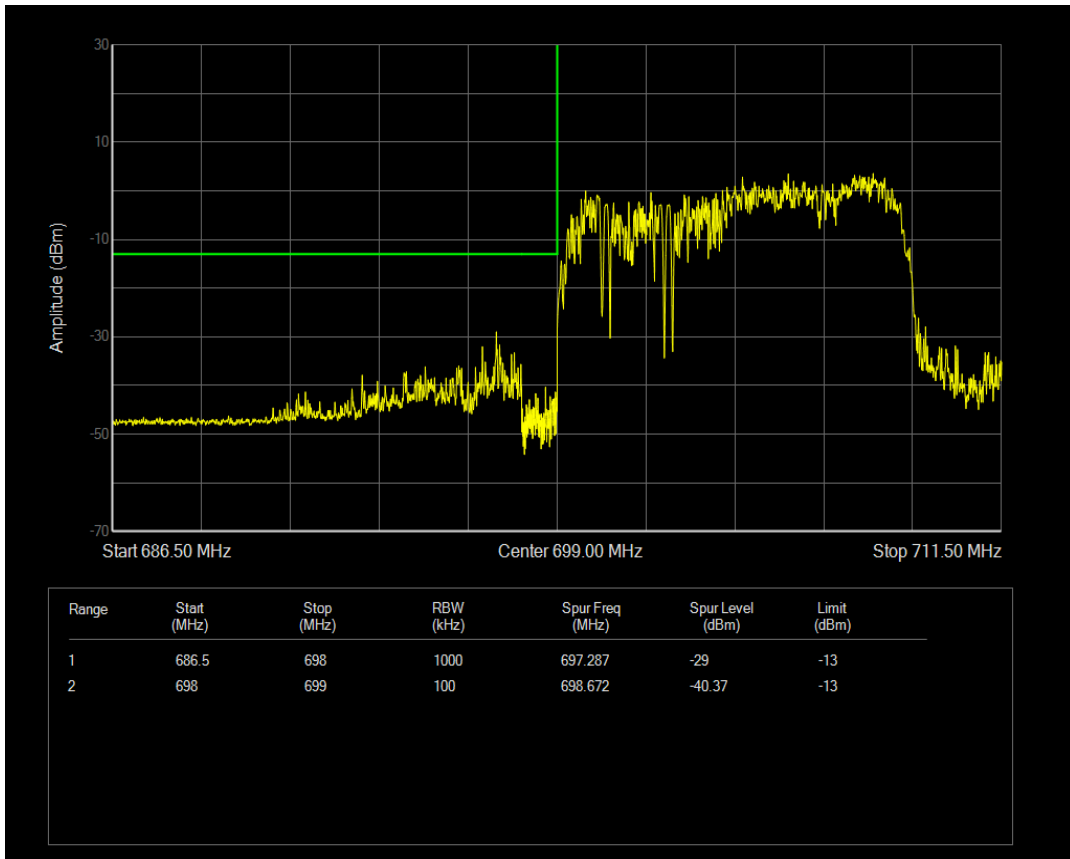
n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141700 RB=38@0



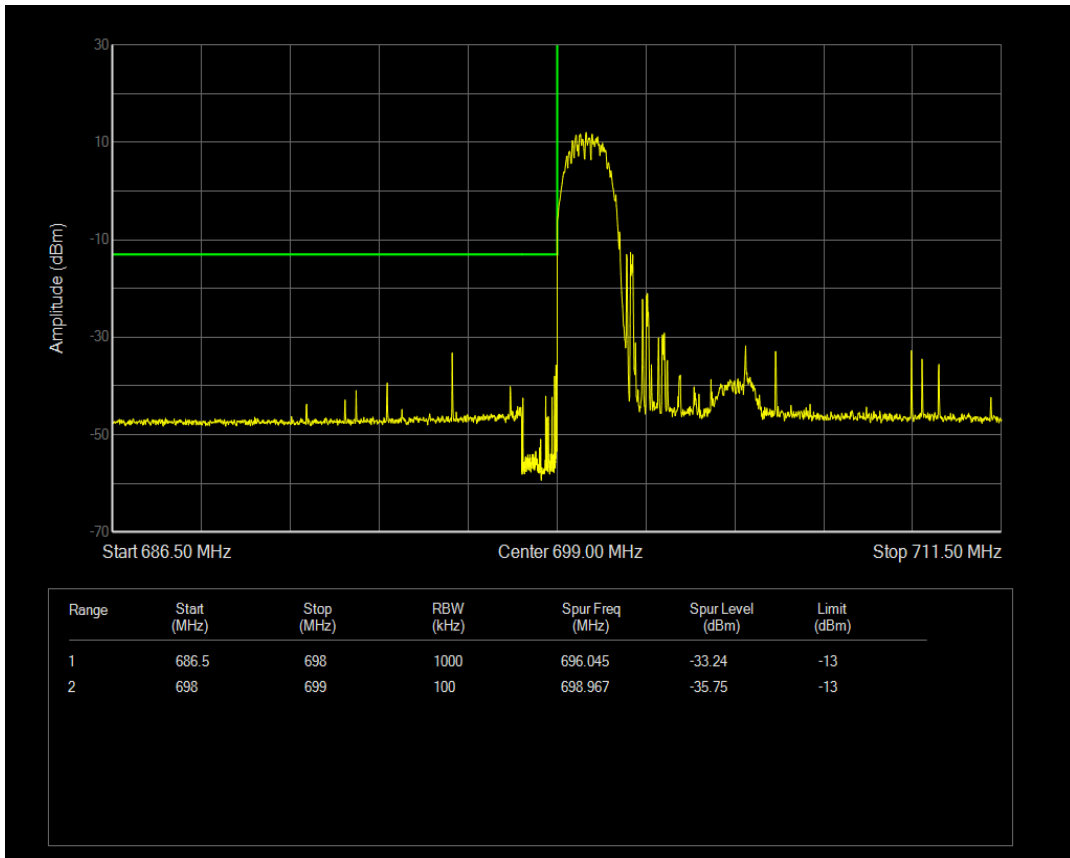
### 5 Band edge for NR FR1

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	697.29	-29.00	-13	PASS
n12	30	10	140800	1@0	DFT_QPSK	696.05	-33.24	-13	PASS
n12	30	10	142200	24@0	DFT_QPSK	717.30	-28.87	-13	PASS
n12	30	10	142200	1@23	DFT_QPSK	717.38	-25.57	-13	PASS
n12	30	15	141300	36@0	DFT_QPSK	694.96	-34.87	-13	PASS
n12	30	15	141300	1@0	DFT_QPSK	698.93	-28.11	-13	PASS
n12	30	15	141700	36@0	DFT_QPSK	717.50	-34.13	-13	PASS
n12	30	15	141700	1@37	DFT_QPSK	716.00	-27.67	-13	PASS

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

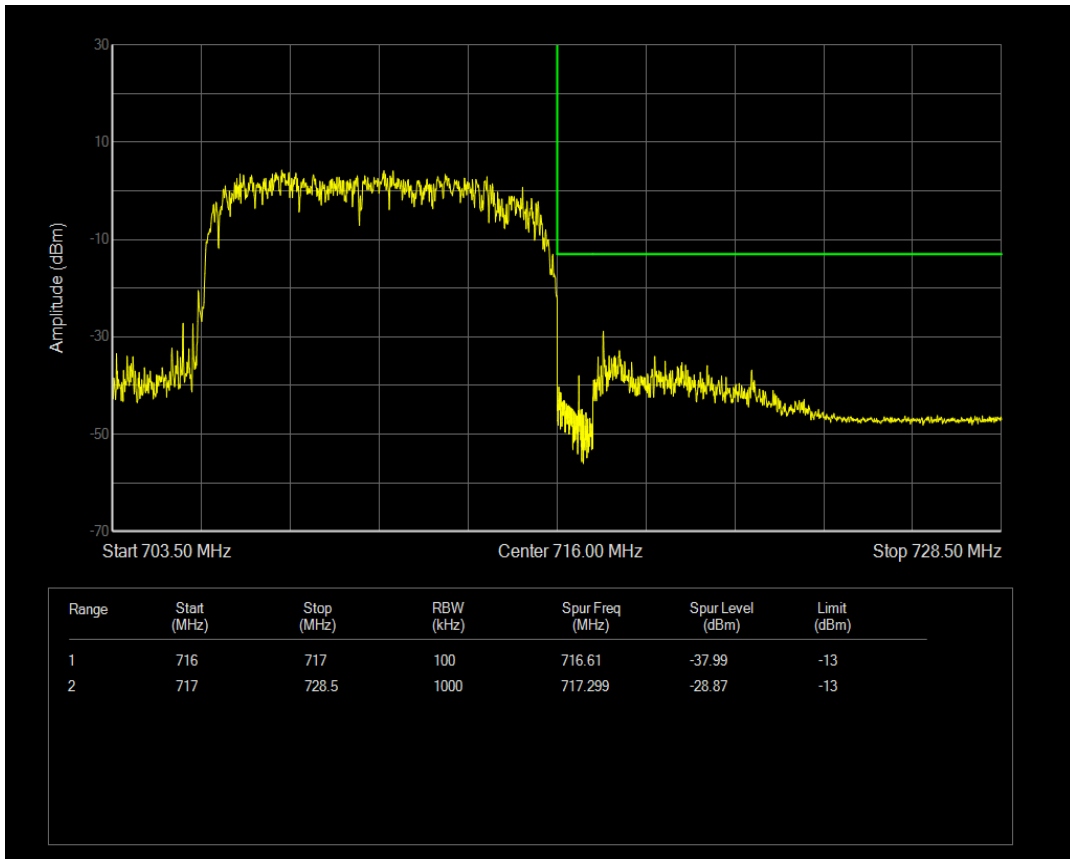


n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=140800 RB=1@0

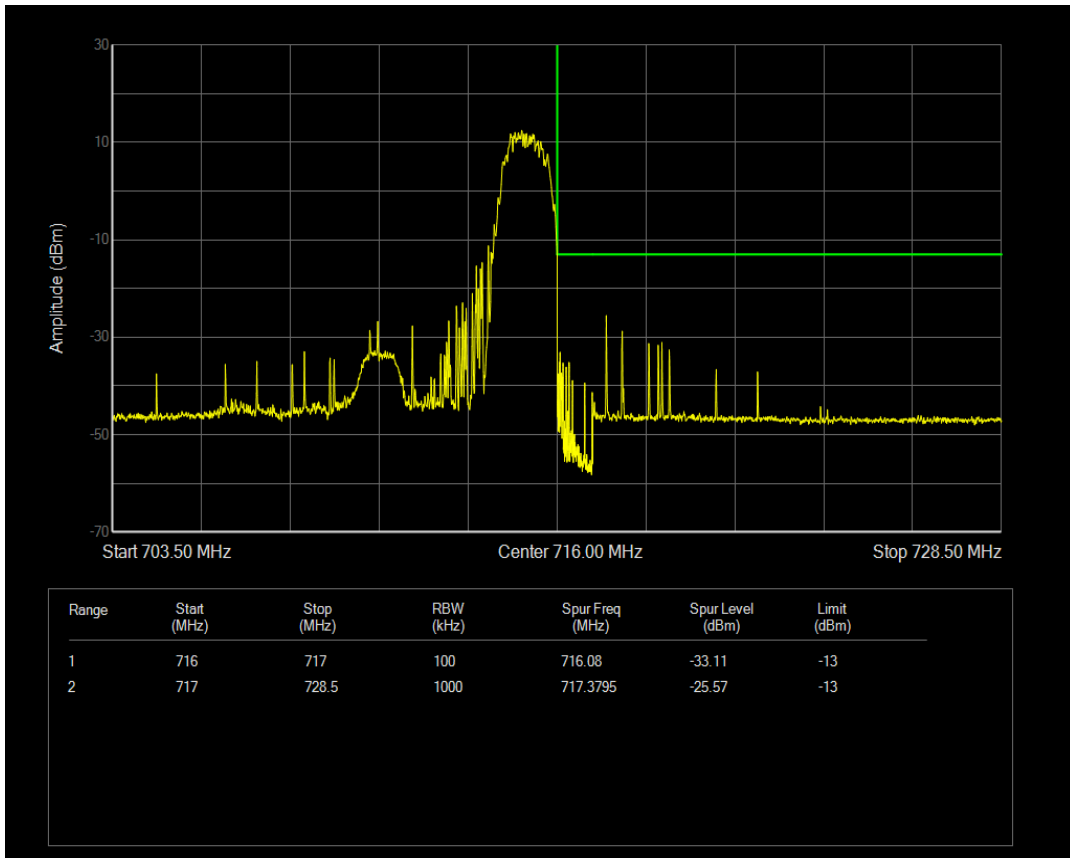




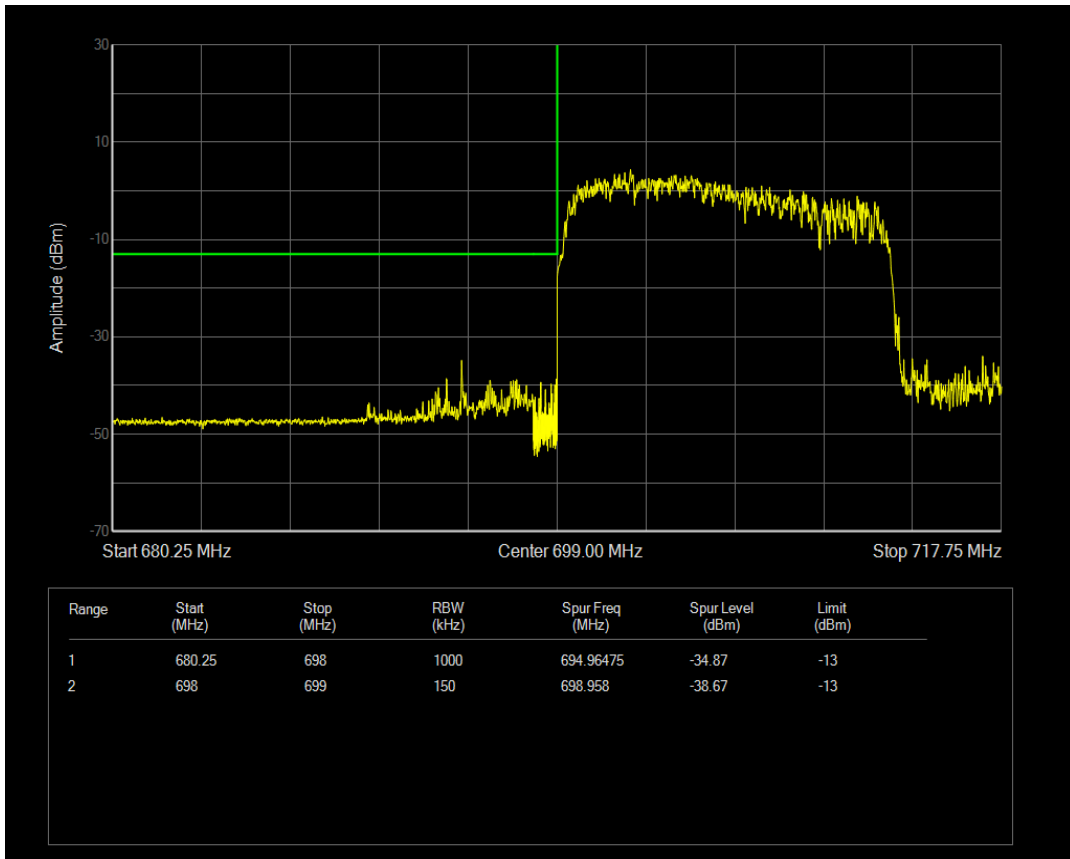
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=24@0



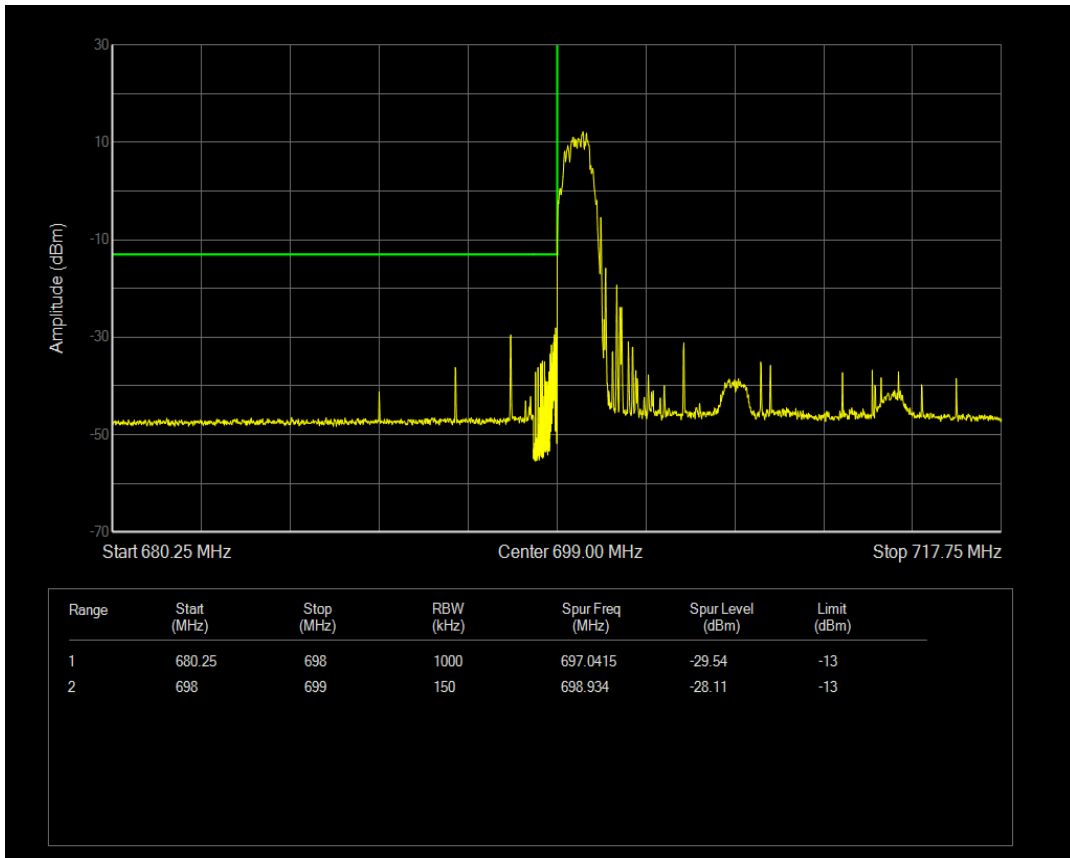
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=1@23



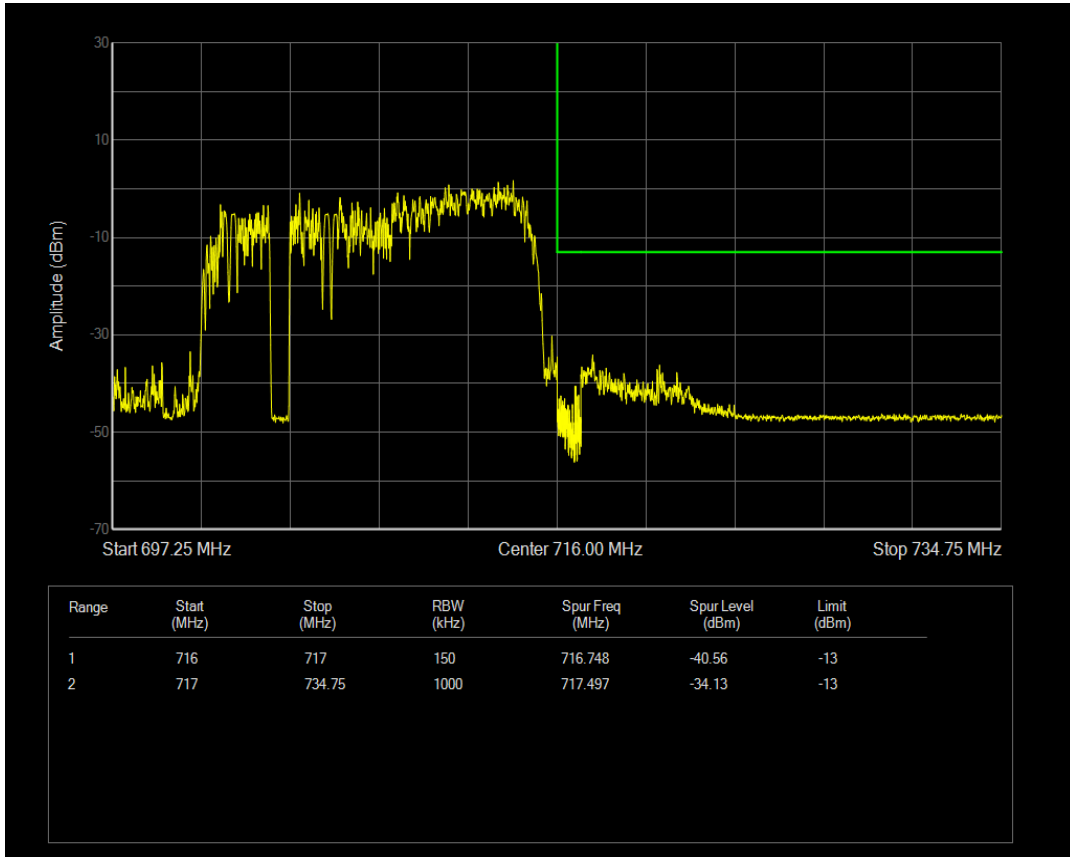
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141300 RB=36@0



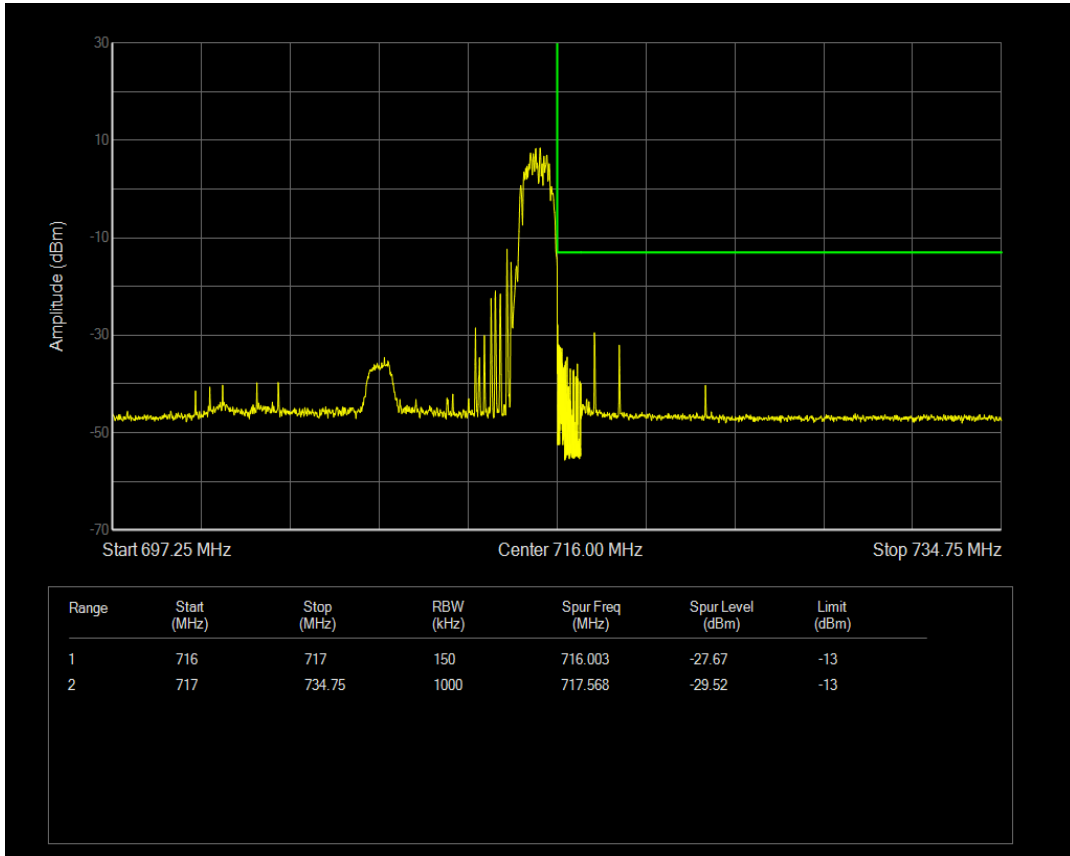
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141300 RB=1@0



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



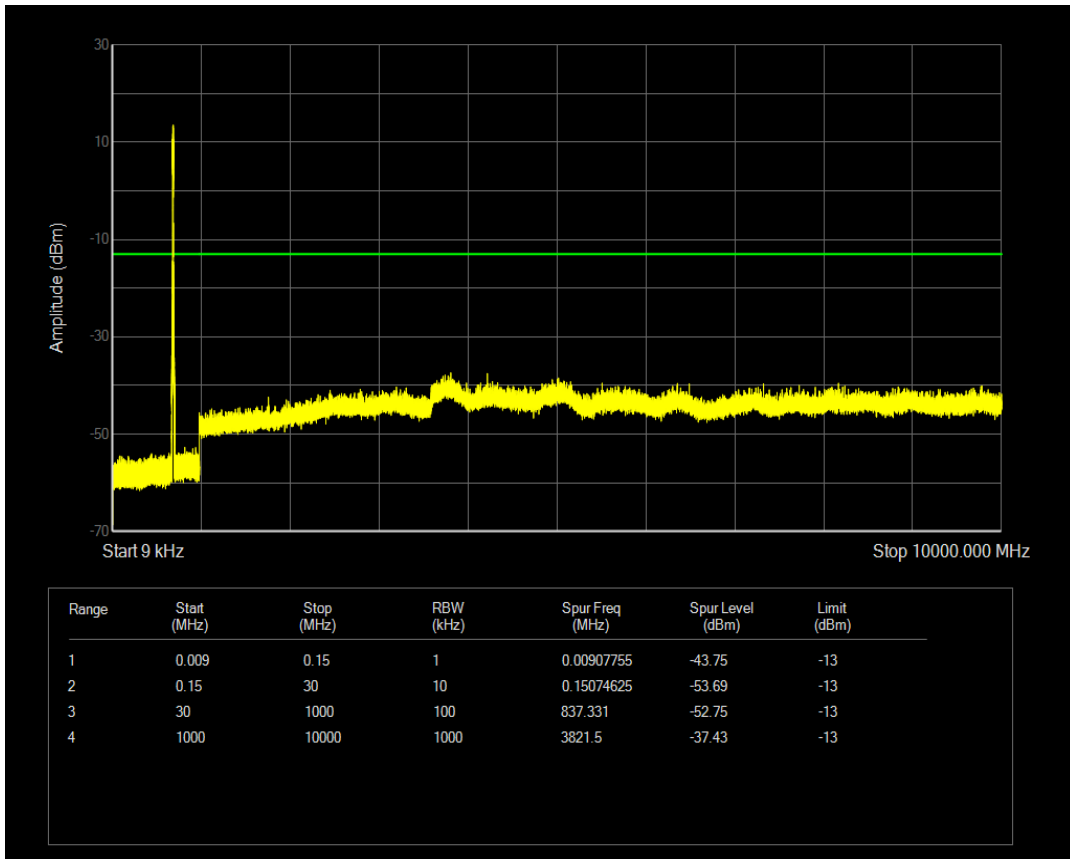
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@37



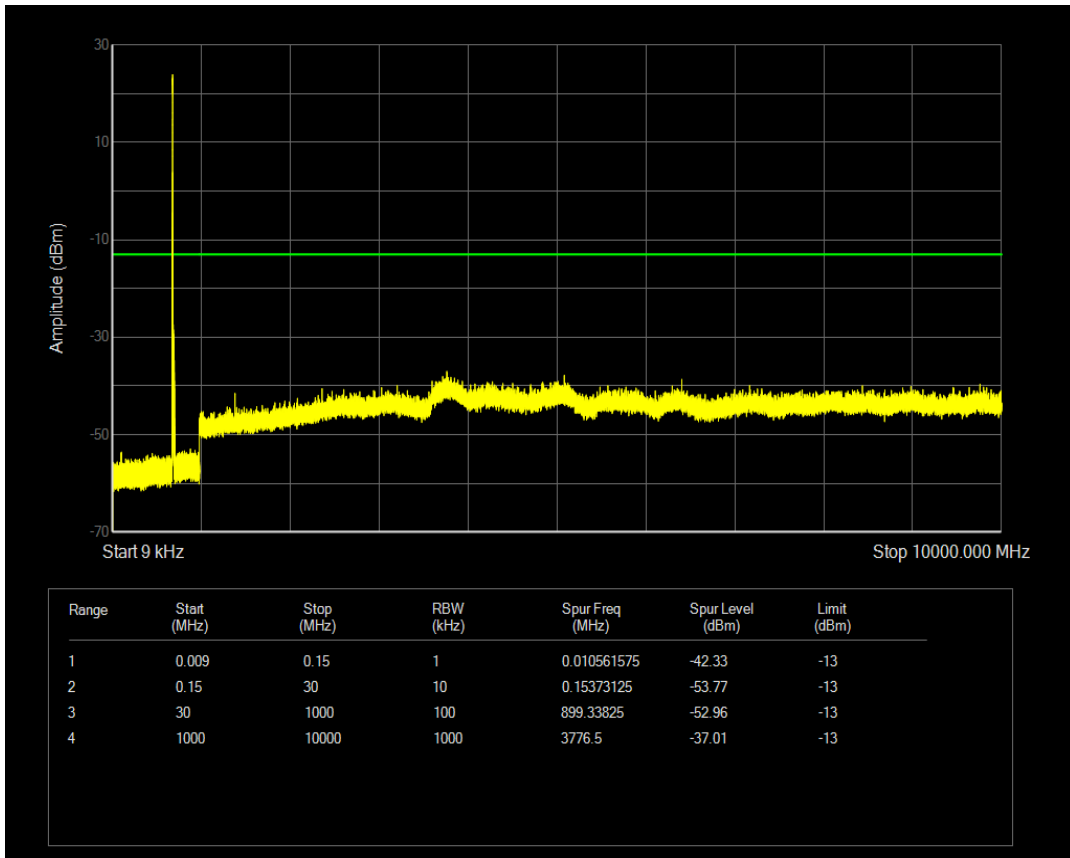
## 6 Out-of-band emissions for NR FR1

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	3821.50	-37.43	-13	PASS
n12	30	10	140800	1@0	DFT_QPSK	3776.50	-37.01	-13	PASS
n12	30	10	140800	1@23	DFT_QPSK	3760.30	-37.80	-13	PASS
n12	30	10	141500	24@0	DFT_QPSK	3829.83	-37.90	-13	PASS
n12	30	10	141500	1@0	DFT_QPSK	3861.33	-35.70	-13	PASS
n12	30	10	141500	1@23	DFT_QPSK	3814.53	-37.81	-13	PASS
n12	30	10	142200	24@0	DFT_QPSK	3844.23	-38.22	-13	PASS
n12	30	10	142200	1@0	DFT_QPSK	3735.78	-37.68	-13	PASS
n12	30	10	142200	1@23	DFT_QPSK	3754.68	-37.57	-13	PASS
n12	30	15	141300	36@0	DFT_QPSK	3777.40	-37.34	-13	PASS
n12	30	15	141300	1@0	DFT_QPSK	3826.68	-37.59	-13	PASS
n12	30	15	141300	1@37	DFT_QPSK	3788.20	-37.52	-13	PASS
n12	30	15	141500	36@0	DFT_QPSK	3790.68	-37.63	-13	PASS
n12	30	15	141500	1@0	DFT_QPSK	3786.40	-37.69	-13	PASS
n12	30	15	141500	1@37	DFT_QPSK	3688.53	-37.89	-13	PASS
n12	30	15	141700	36@0	DFT_QPSK	3787.75	-36.91	-13	PASS
n12	30	15	141700	1@0	DFT_QPSK	3730.15	-37.62	-13	PASS
n12	30	15	141700	1@37	DFT_QPSK	3726.78	-37.57	-13	PASS

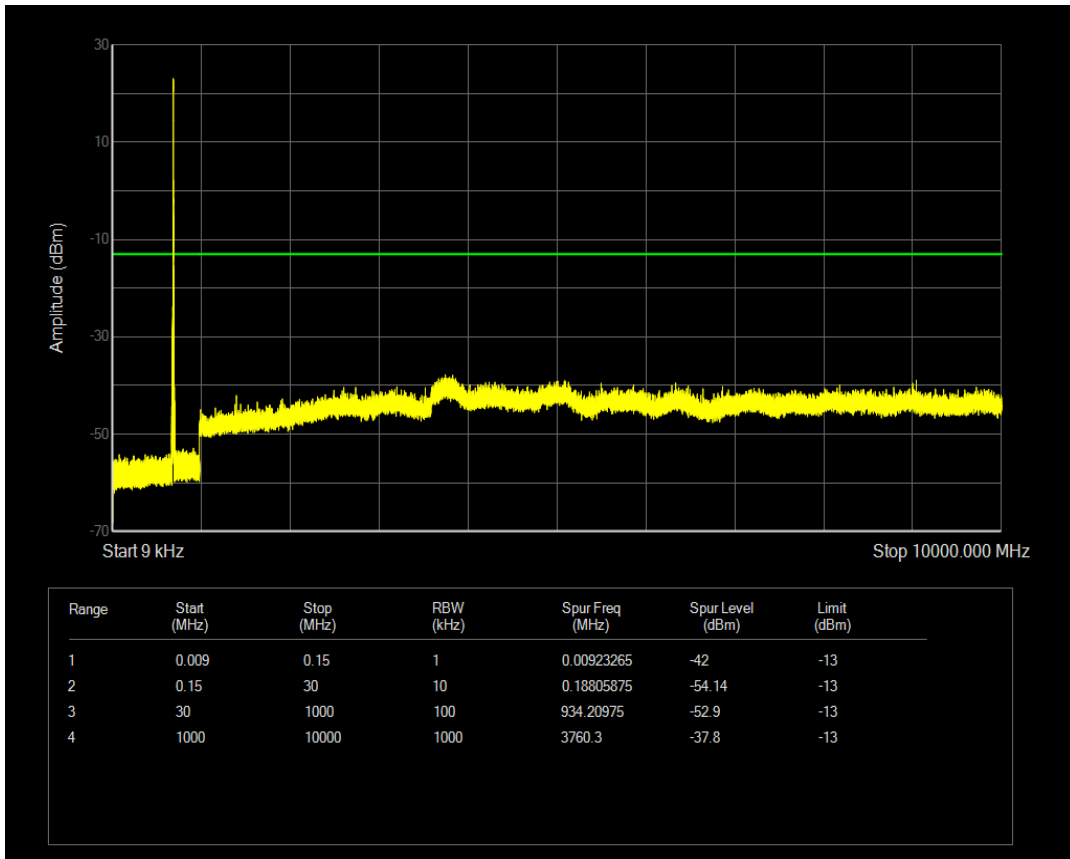
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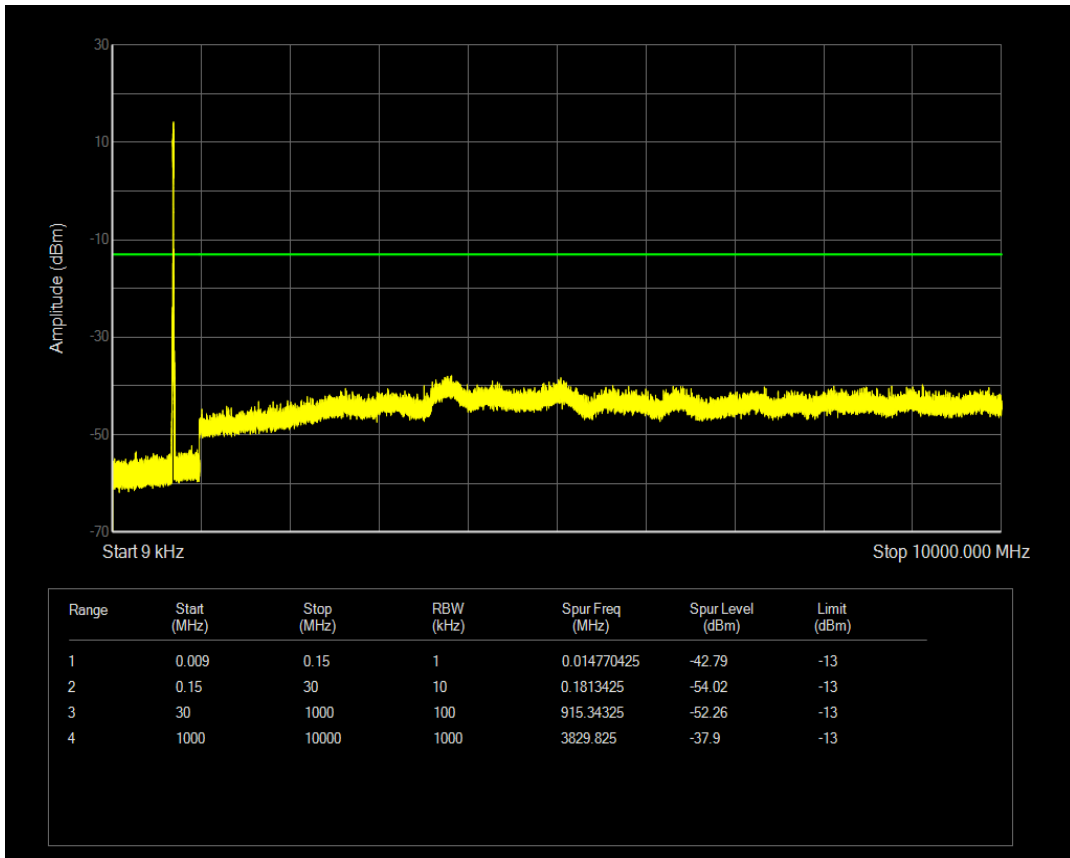
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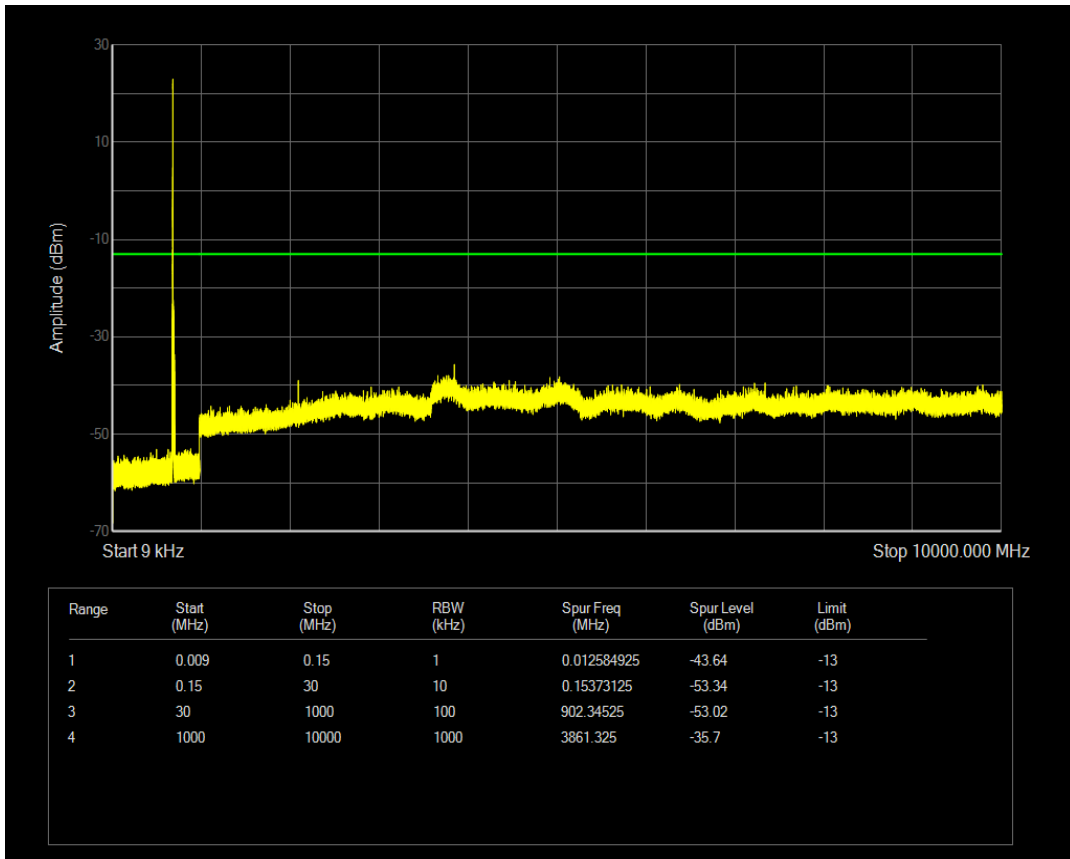
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=140800 RB=1 @23



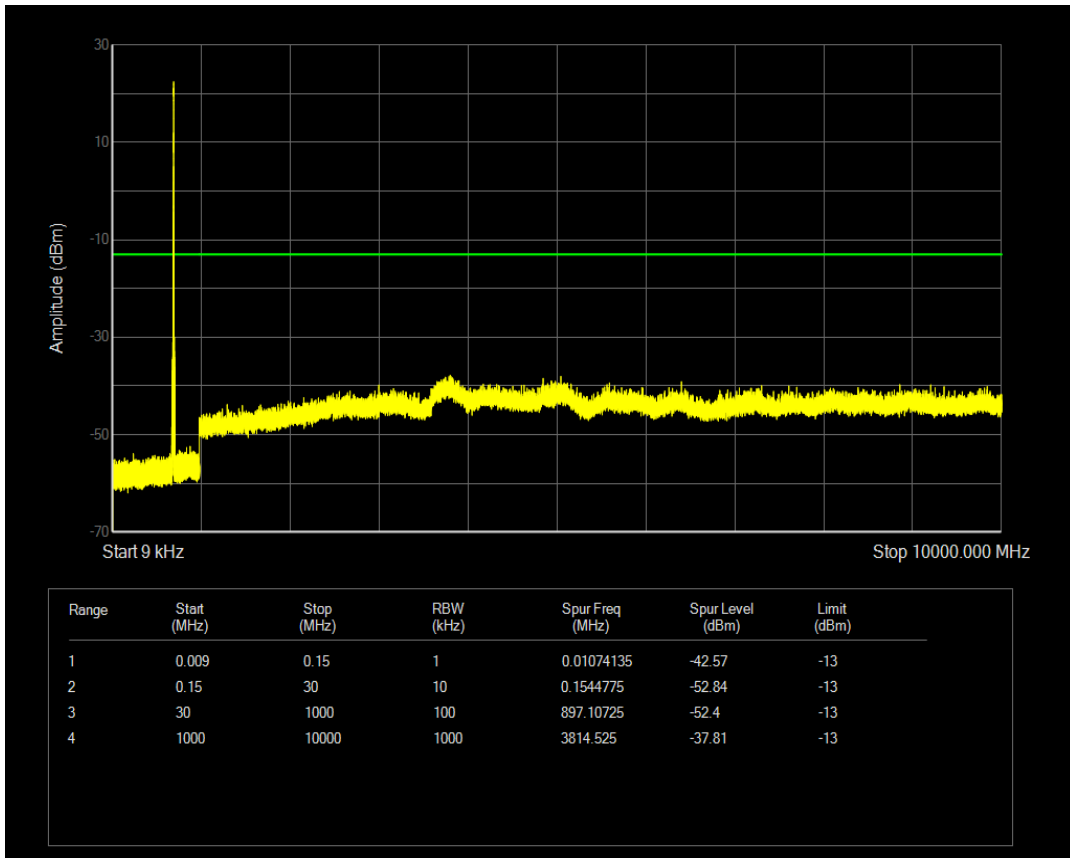
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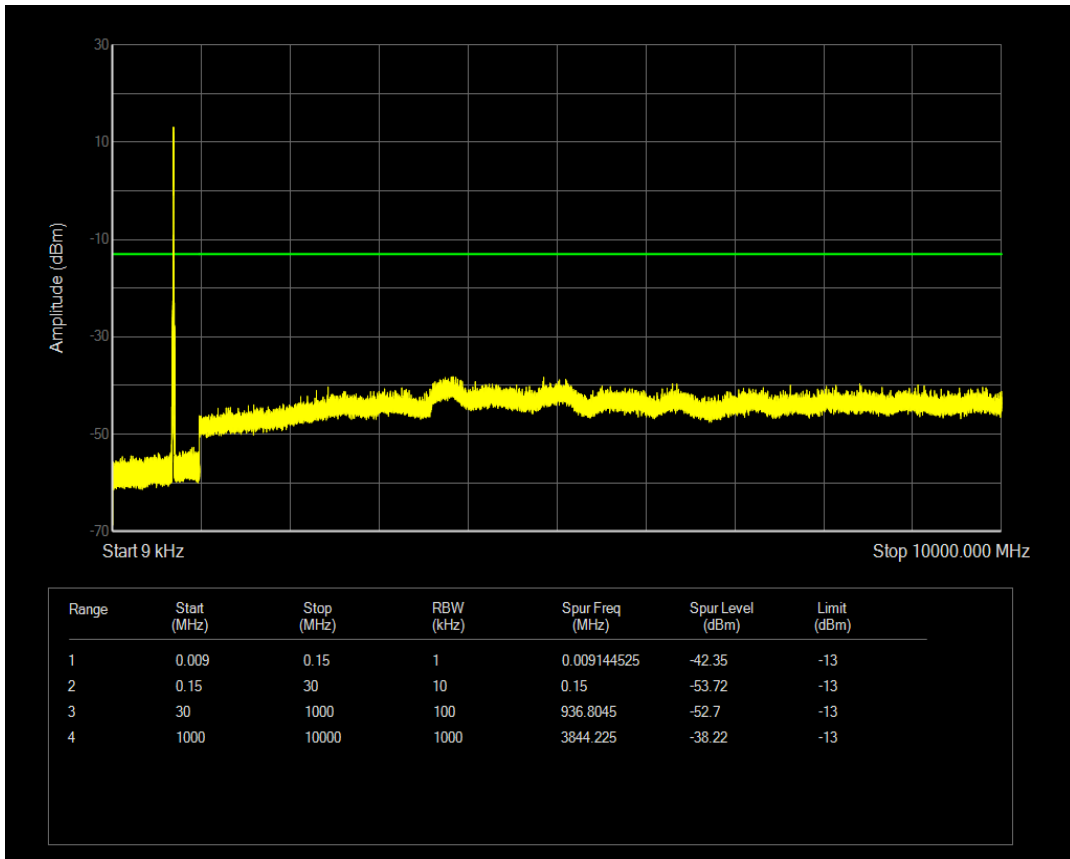
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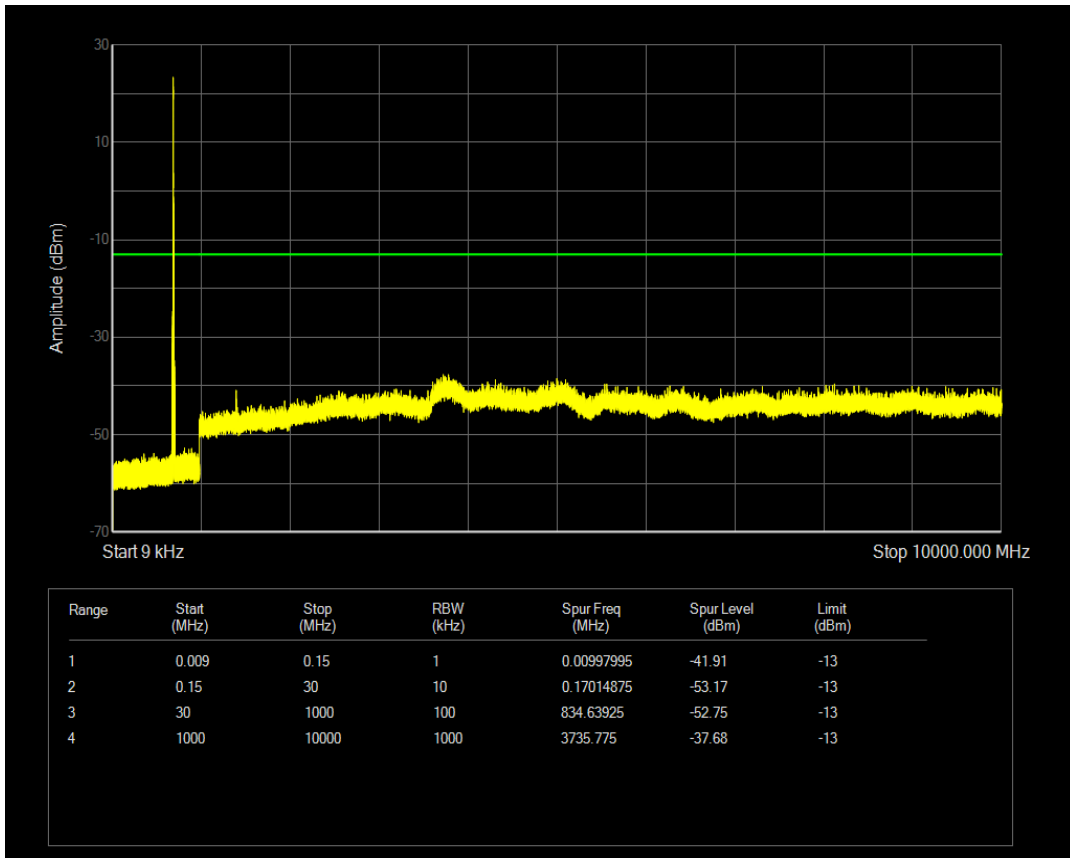
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n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=24@0

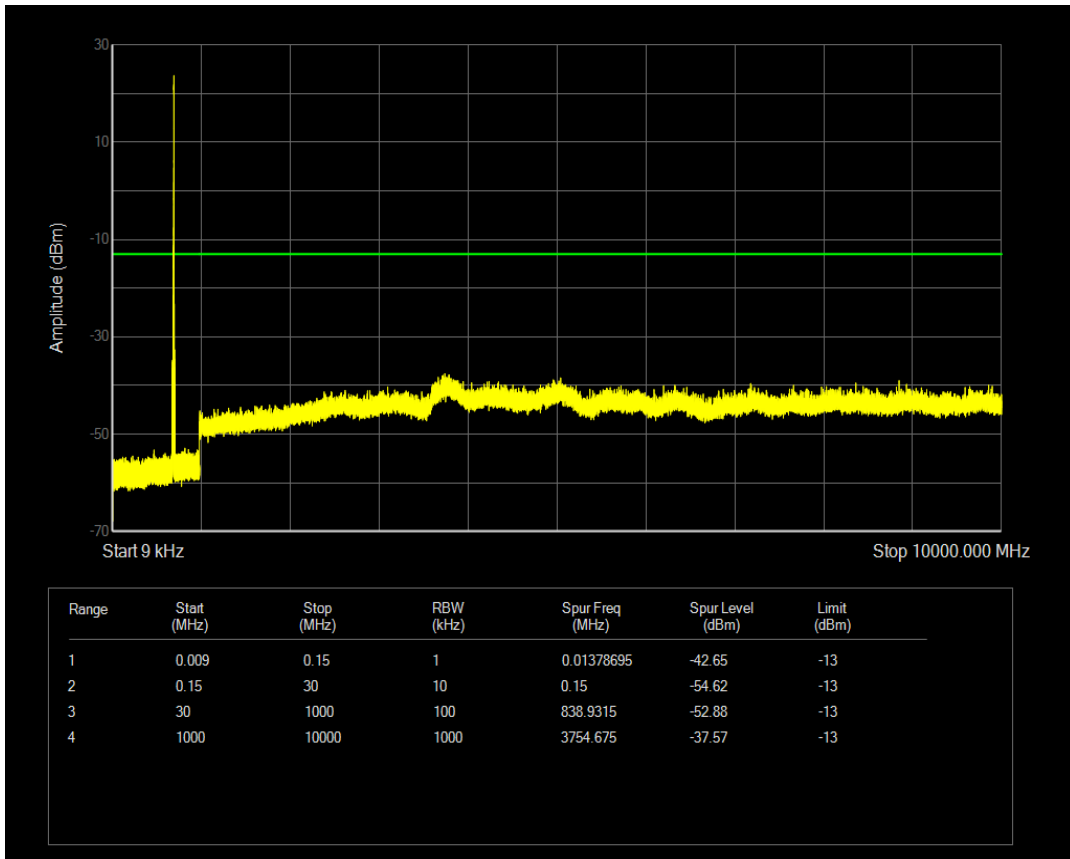


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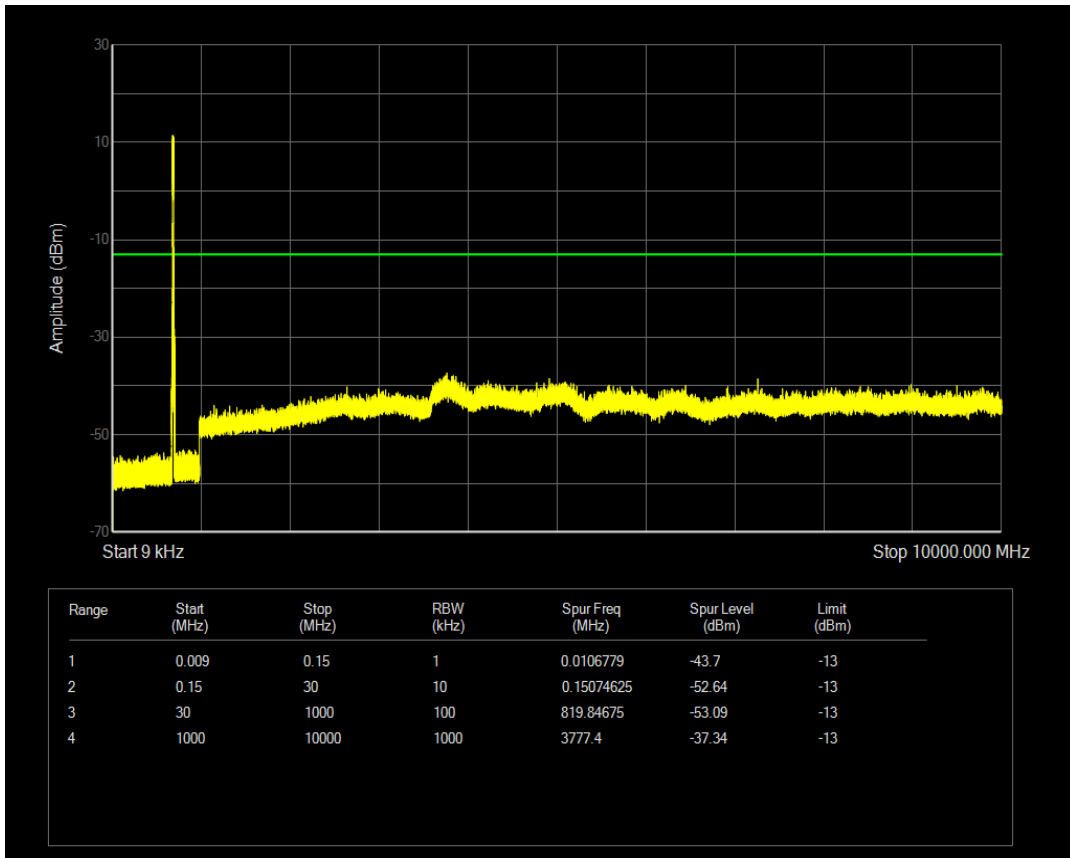




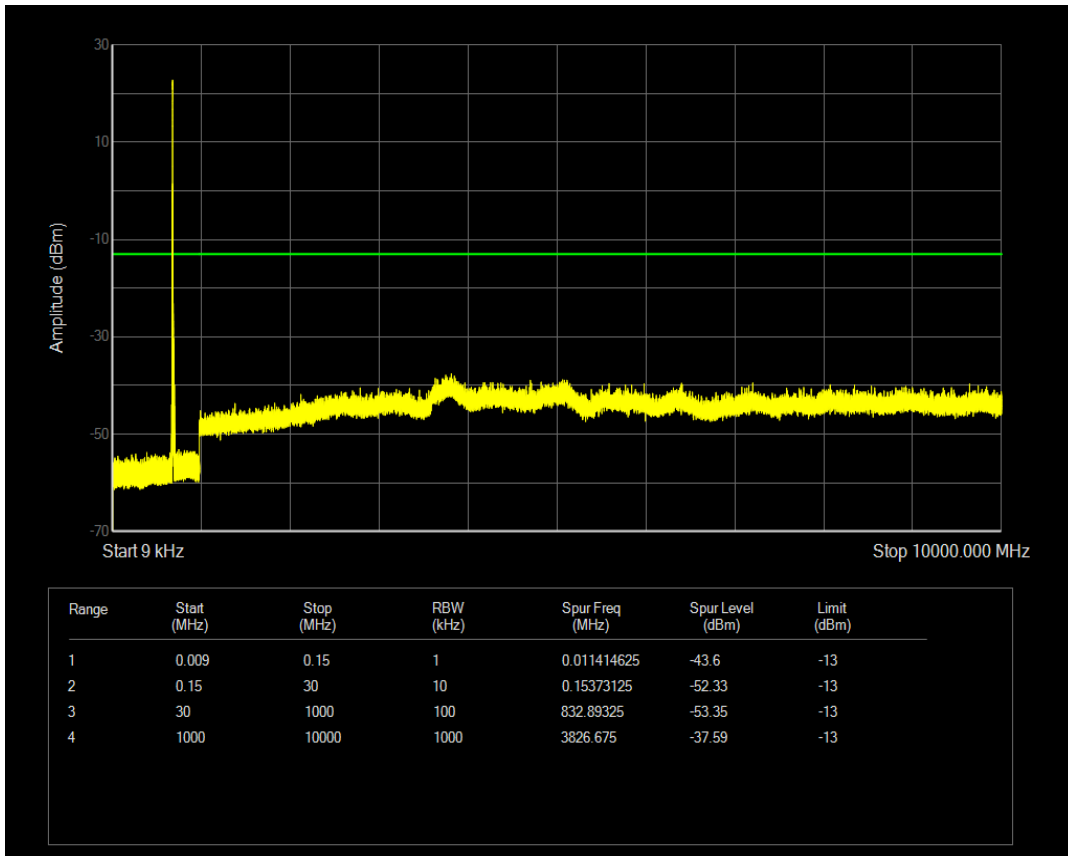
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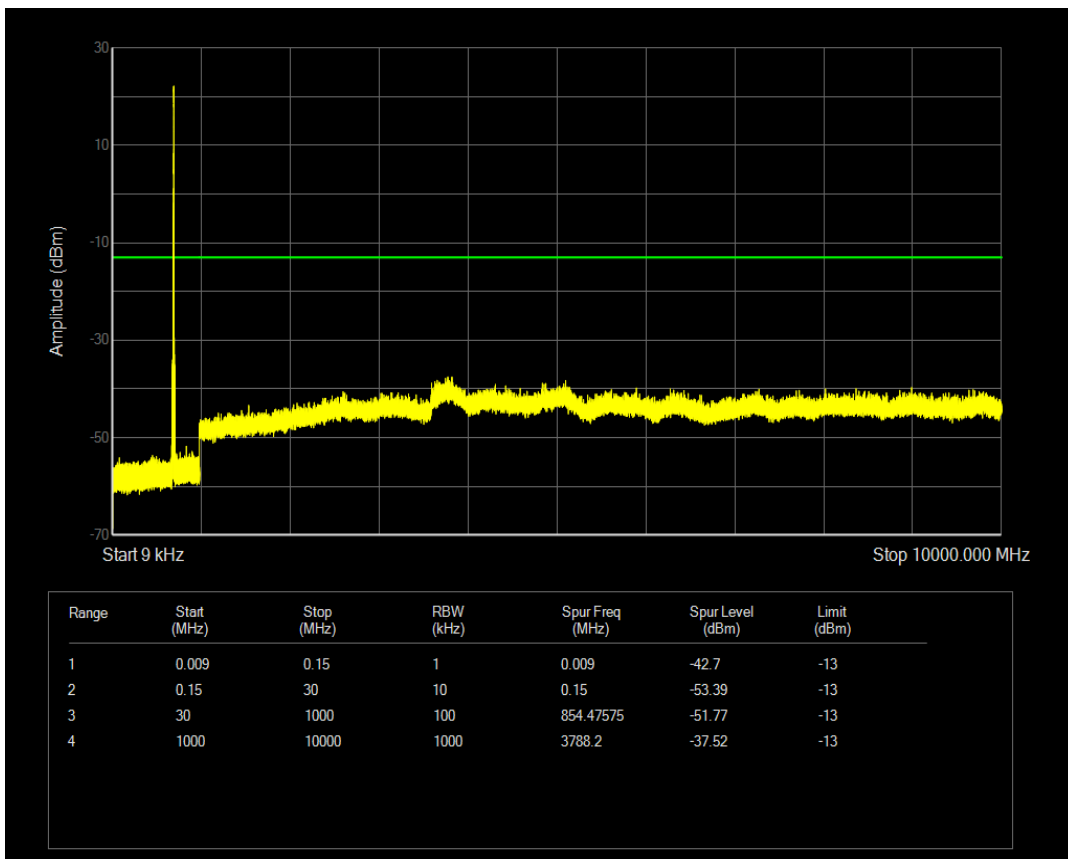
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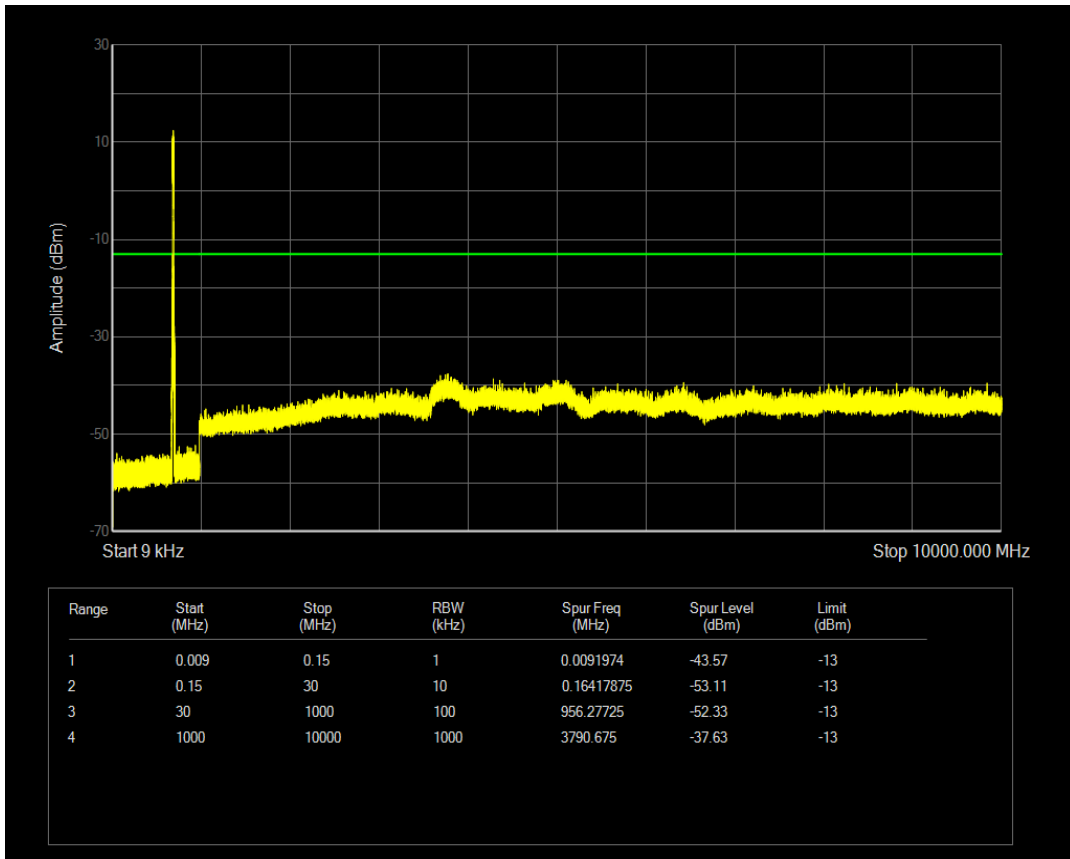
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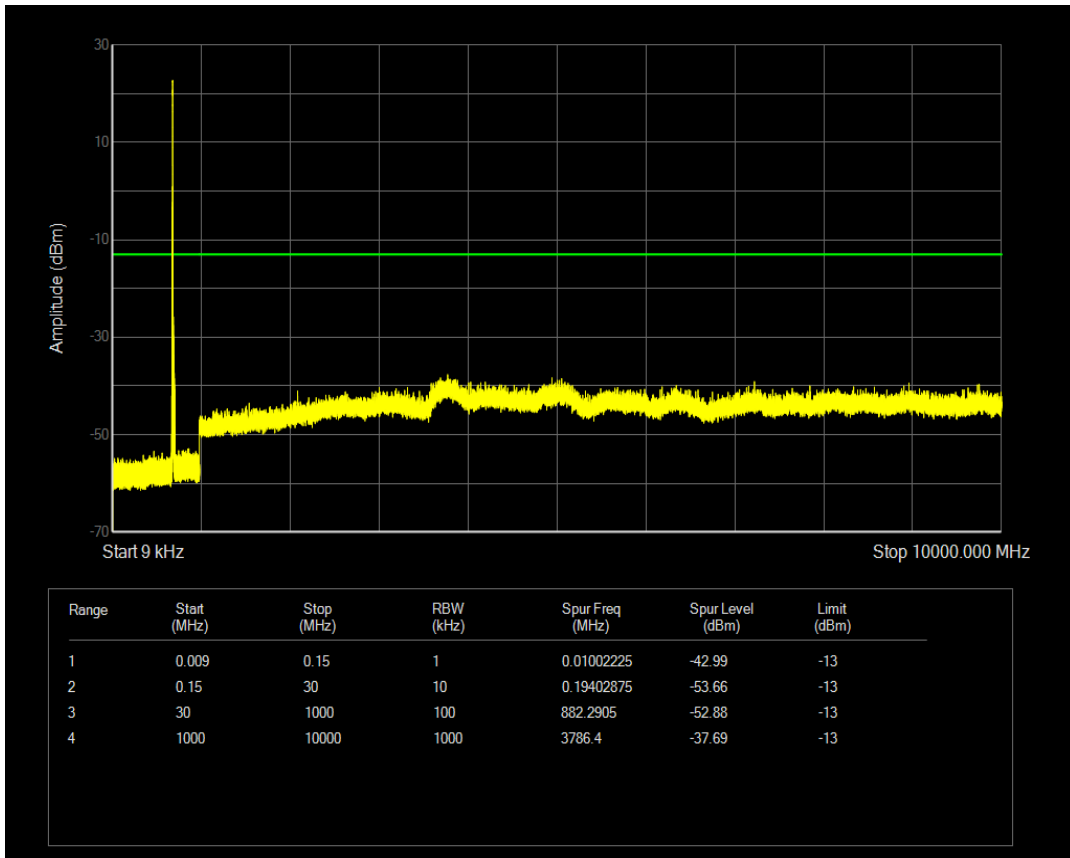
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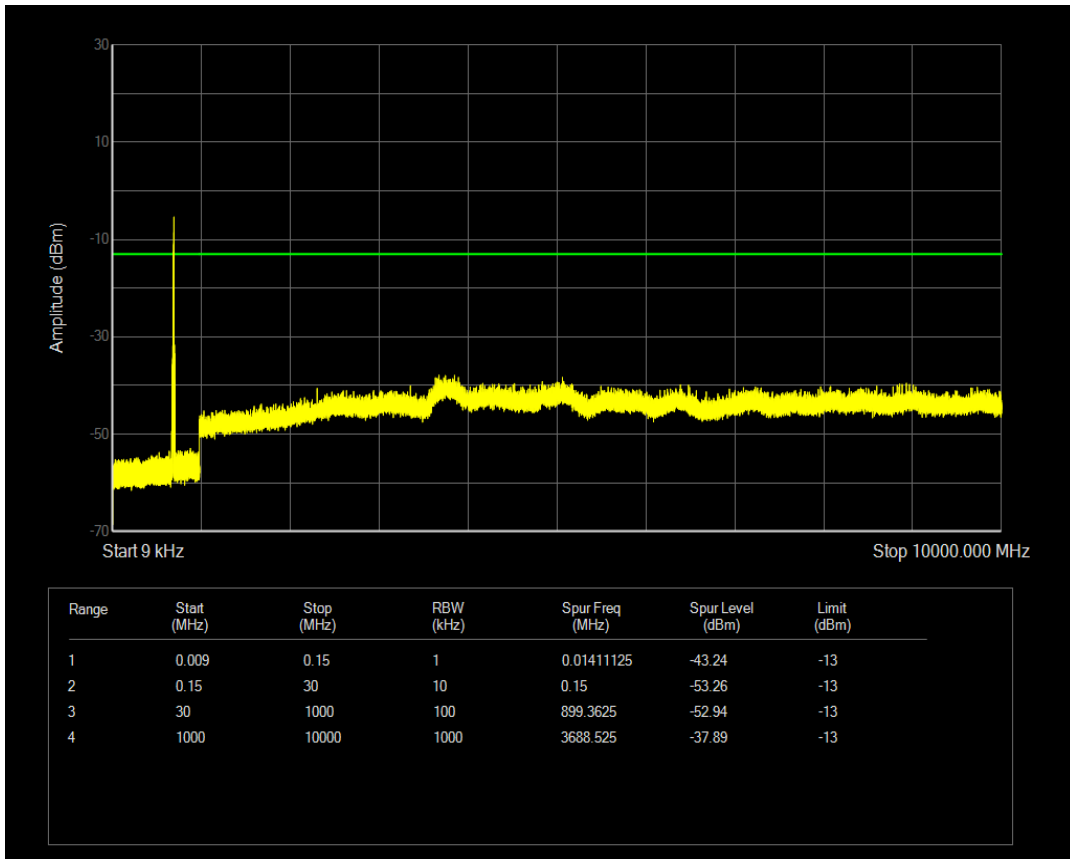
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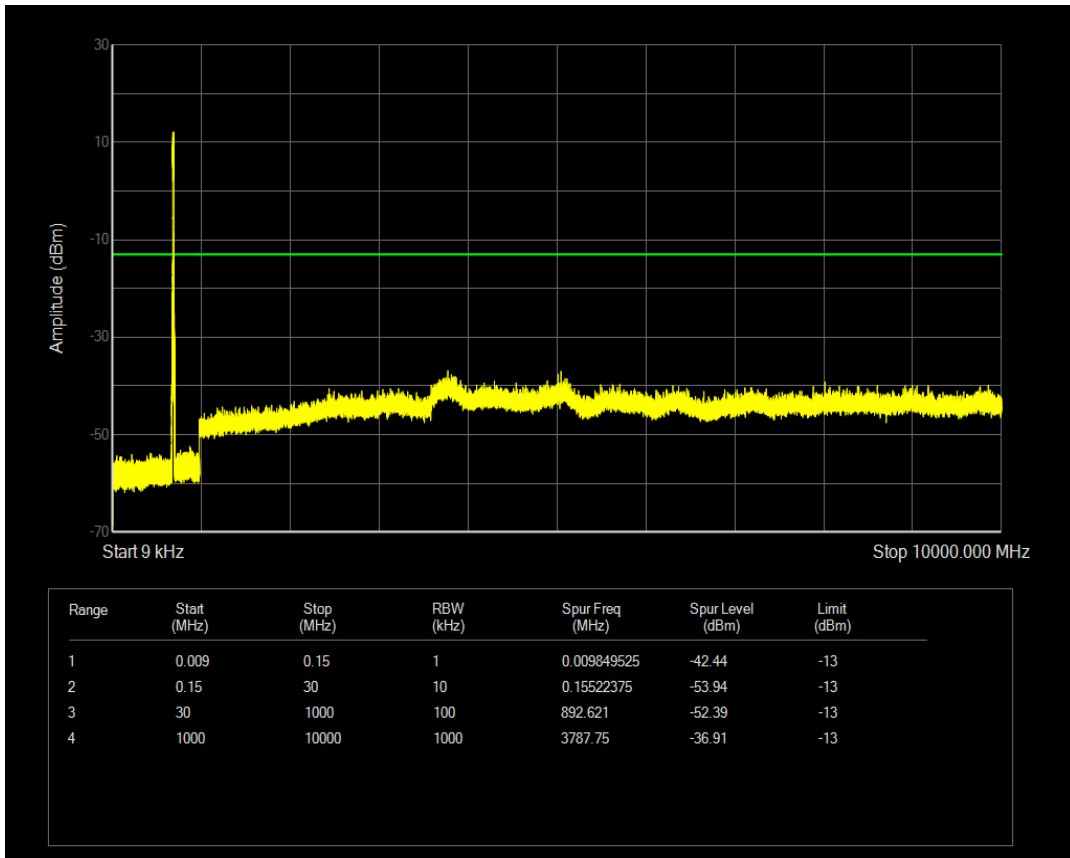
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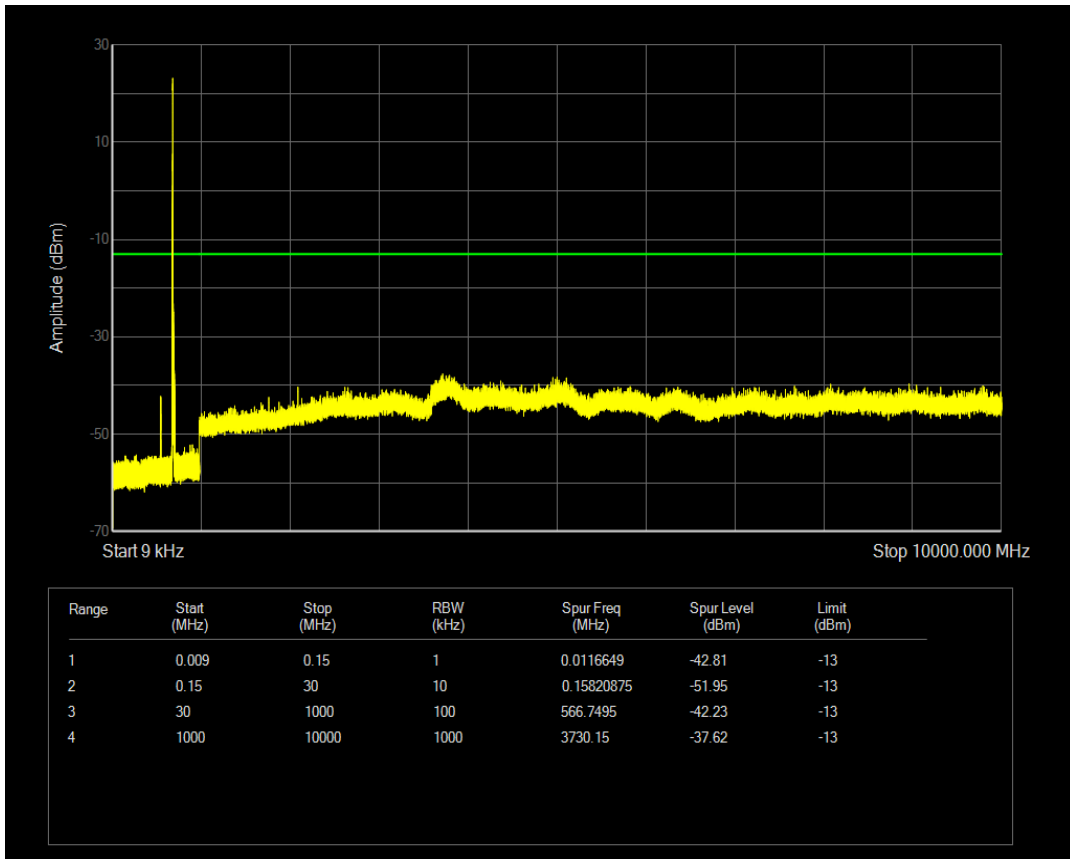
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n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=36@0



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



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

