

## 1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Unflip ERP (dBm)	Flip ERP (dBm)	ERP Limit (dBm)	Verdict
n12	30	10	140800	12@6	DFT_BPSK	23.99	19.74	13.34	34.77	PASS
n12	30	10	140800	1@1	DFT_BPSK	24.10	19.85	13.45	34.77	PASS
n12	30	10	140800	1@22	DFT_BPSK	23.92	19.67	13.27	34.77	PASS
n12	30	10	140800	12@6	DFT_QPSK	24.07	19.82	13.42	34.77	PASS
n12	30	10	140800	1@1	DFT_QPSK	23.98	19.73	13.33	34.77	PASS
n12	30	10	140800	1@22	DFT_QPSK	23.79	19.54	13.14	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM16	23.05	18.80	12.40	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM16	23.01	18.76	12.36	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM16	22.85	18.60	12.20	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM64	21.62	17.37	10.97	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM64	21.95	17.70	11.30	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM64	21.97	17.72	11.32	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM256	19.67	15.42	9.02	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM256	19.77	15.52	9.12	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM256	19.07	14.82	8.42	34.77	PASS
n12	30	10	140800	12@6	CP_QPSK	22.56	18.31	11.91	34.77	PASS
n12	30	10	140800	1@1	CP_QPSK	22.77	18.52	12.12	34.77	PASS
n12	30	10	140800	1@22	CP_QPSK	22.36	18.11	11.71	34.77	PASS
n12	30	10	140800	12@6	CP_QAM16	21.94	17.69	11.29	34.77	PASS
n12	30	10	140800	1@1	CP_QAM16	22.22	17.97	11.57	34.77	PASS
n12	30	10	140800	1@22	CP_QAM16	21.55	17.30	10.90	34.77	PASS
n12	30	10	140800	12@6	CP_QAM64	20.49	16.24	9.84	34.77	PASS
n12	30	10	140800	1@1	CP_QAM64	20.72	16.47	10.07	34.77	PASS
n12	30	10	140800	1@22	CP_QAM64	20.67	16.42	10.02	34.77	PASS
n12	30	10	140800	12@6	CP_QAM256	17.58	13.33	6.93	34.77	PASS
n12	30	10	140800	1@1	CP_QAM256	17.91	13.66	7.26	34.77	PASS
n12	30	10	140800	1@22	CP_QAM256	17.59	13.34	6.94	34.77	PASS
n12	30	10	141500	12@6	DFT_BPSK	24.03	19.78	13.38	34.77	PASS
n12	30	10	141500	1@1	DFT_BPSK	23.94	19.69	13.29	34.77	PASS
n12	30	10	141500	1@22	DFT_BPSK	23.86	19.61	13.21	34.77	PASS
n12	30	10	141500	12@6	DFT_QPSK	24.01	19.76	13.36	34.77	PASS
n12	30	10	141500	1@1	DFT_QPSK	23.90	19.65	13.25	34.77	PASS
n12	30	10	141500	1@22	DFT_QPSK	23.73	19.48	13.08	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM16	22.83	18.58	12.18	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM16	23.03	18.78	12.38	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM16	22.89	18.64	12.24	34.77	PASS

n12	30	10	141500	12@6	DFT_QAM64	21.50	17.25	10.85	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM64	22.02	17.77	11.37	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM64	21.77	17.52	11.12	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM256	19.44	15.19	8.79	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM256	19.34	15.09	8.69	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM256	19.24	14.99	8.59	34.77	PASS
n12	30	10	141500	12@6	CP_QPSK	22.41	18.16	11.76	34.77	PASS
n12	30	10	141500	1@1	CP_QPSK	22.57	18.32	11.92	34.77	PASS
n12	30	10	141500	1@22	CP_QPSK	22.33	18.08	11.68	34.77	PASS
n12	30	10	141500	12@6	CP_QAM16	21.86	17.61	11.21	34.77	PASS
n12	30	10	141500	1@1	CP_QAM16	22.17	17.92	11.52	34.77	PASS
n12	30	10	141500	1@22	CP_QAM16	22.00	17.75	11.35	34.77	PASS
n12	30	10	141500	12@6	CP_QAM64	20.44	16.19	9.79	34.77	PASS
n12	30	10	141500	1@1	CP_QAM64	20.68	16.43	10.03	34.77	PASS
n12	30	10	141500	1@22	CP_QAM64	20.29	16.04	9.64	34.77	PASS
n12	30	10	141500	12@6	CP_QAM256	17.47	13.22	6.82	34.77	PASS
n12	30	10	141500	1@1	CP_QAM256	17.71	13.46	7.06	34.77	PASS
n12	30	10	141500	1@22	CP_QAM256	17.62	13.37	6.97	34.77	PASS
n12	30	10	142200	12@6	DFT_BPSK	23.90	19.65	13.25	34.77	PASS
n12	30	10	142200	1@1	DFT_BPSK	23.93	19.68	13.28	34.77	PASS
n12	30	10	142200	1@22	DFT_BPSK	23.80	19.55	13.15	34.77	PASS
n12	30	10	142200	12@6	DFT_QPSK	23.96	19.71	13.31	34.77	PASS
n12	30	10	142200	1@1	DFT_QPSK	23.77	19.52	13.12	34.77	PASS
n12	30	10	142200	1@22	DFT_QPSK	23.70	19.45	13.05	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM16	22.96	18.71	12.31	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM16	22.88	18.63	12.23	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM16	22.82	18.57	12.17	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM64	21.41	17.16	10.76	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM64	21.87	17.62	11.22	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM64	21.12	16.87	10.47	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM256	19.40	15.15	8.75	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM256	19.35	15.10	8.70	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM256	19.63	15.38	8.98	34.77	PASS
n12	30	10	142200	12@6	CP_QPSK	22.37	18.12	11.72	34.77	PASS
n12	30	10	142200	1@1	CP_QPSK	22.38	18.13	11.73	34.77	PASS
n12	30	10	142200	1@22	CP_QPSK	22.38	18.13	11.73	34.77	PASS
n12	30	10	142200	12@6	CP_QAM16	21.93	17.68	11.28	34.77	PASS
n12	30	10	142200	1@1	CP_QAM16	22.04	17.79	11.39	34.77	PASS
n12	30	10	142200	1@22	CP_QAM16	21.91	17.66	11.26	34.77	PASS
n12	30	10	142200	12@6	CP_QAM64	20.46	16.21	9.81	34.77	PASS
n12	30	10	142200	1@1	CP_QAM64	20.63	16.38	9.98	34.77	PASS
n12	30	10	142200	1@22	CP_QAM64	20.24	15.99	9.59	34.77	PASS
n12	30	10	142200	12@6	CP_QAM256	17.44	13.19	6.79	34.77	PASS
n12	30	10	142200	1@1	CP_QAM256	17.68	13.43	7.03	34.77	PASS

n12	30	10	142200	1@22	CP_QAM256	17.47	13.22	6.82	34.77	PASS
n12	30	15	141300	18@9	DFT_BPSK	24.02	19.77	13.37	34.77	PASS
n12	30	15	141300	1@1	DFT_BPSK	24.05	19.80	13.40	34.77	PASS
n12	30	15	141300	1@36	DFT_BPSK	23.79	19.54	13.14	34.77	PASS
n12	30	15	141300	18@9	DFT_QPSK	23.98	19.73	13.33	34.77	PASS
n12	30	15	141300	1@1	DFT_QPSK	23.90	19.65	13.25	34.77	PASS
n12	30	15	141300	1@36	DFT_QPSK	23.64	19.39	12.99	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM16	22.93	18.68	12.28	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM16	23.08	18.83	12.43	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM16	22.88	18.63	12.23	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM64	21.45	17.20	10.80	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM64	21.33	17.08	10.68	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM64	21.70	17.45	11.05	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM256	19.48	15.23	8.83	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM256	19.49	15.24	8.84	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM256	19.29	15.04	8.64	34.77	PASS
n12	30	15	141300	19@9	CP_QPSK	22.49	18.24	11.84	34.77	PASS
n12	30	15	141300	1@1	CP_QPSK	22.65	18.40	12.00	34.77	PASS
n12	30	15	141300	1@36	CP_QPSK	22.32	18.07	11.67	34.77	PASS
n12	30	15	141300	19@9	CP_QAM16	21.95	17.70	11.30	34.77	PASS
n12	30	15	141300	1@1	CP_QAM16	22.29	18.04	11.64	34.77	PASS
n12	30	15	141300	1@36	CP_QAM16	22.03	17.78	11.38	34.77	PASS
n12	30	15	141300	19@9	CP_QAM64	20.49	16.24	9.84	34.77	PASS
n12	30	15	141300	1@1	CP_QAM64	20.61	16.36	9.96	34.77	PASS
n12	30	15	141300	1@36	CP_QAM64	20.37	16.12	9.72	34.77	PASS
n12	30	15	141300	19@9	CP_QAM256	17.42	13.17	6.77	34.77	PASS
n12	30	15	141300	1@1	CP_QAM256	17.79	13.54	7.14	34.77	PASS
n12	30	15	141300	1@36	CP_QAM256	17.68	13.43	7.03	34.77	PASS
n12	30	15	141500	18@9	DFT_BPSK	23.90	19.65	13.25	34.77	PASS
n12	30	15	141500	1@1	DFT_BPSK	24.04	19.79	13.39	34.77	PASS
n12	30	15	141500	1@36	DFT_BPSK	23.81	19.56	13.16	34.77	PASS
n12	30	15	141500	18@9	DFT_QPSK	23.88	19.63	13.23	34.77	PASS
n12	30	15	141500	1@1	DFT_QPSK	23.87	19.62	13.22	34.77	PASS
n12	30	15	141500	1@36	DFT_QPSK	23.65	19.40	13.00	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM16	22.90	18.65	12.25	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM16	23.03	18.78	12.38	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM16	22.72	18.47	12.07	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM64	21.39	17.14	10.74	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM64	21.37	17.12	10.72	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM64	21.67	17.42	11.02	34.77	PASS
n12	30	15	141500	18@9	DFT_QAM256	19.42	15.17	8.77	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM256	19.38	15.13	8.73	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM256	19.31	15.06	8.66	34.77	PASS
n12	30	15	141500	19@9	CP_QPSK	22.49	18.24	11.84	34.77	PASS

n12	30	15	141500	1@1	CP_QPSK	22.74	18.49	12.09	34.77	PASS
n12	30	15	141500	1@36	CP_QPSK	22.34	18.09	11.69	34.77	PASS
n12	30	15	141500	19@9	CP_QAM16	22.07	17.82	11.42	34.77	PASS
n12	30	15	141500	1@1	CP_QAM16	21.85	17.60	11.20	34.77	PASS
n12	30	15	141500	1@36	CP_QAM16	21.97	17.72	11.32	34.77	PASS
n12	30	15	141500	19@9	CP_QAM64	20.48	16.23	9.83	34.77	PASS
n12	30	15	141500	1@1	CP_QAM64	20.70	16.45	10.05	34.77	PASS
n12	30	15	141500	1@36	CP_QAM64	20.42	16.17	9.77	34.77	PASS
n12	30	15	141500	19@9	CP_QAM256	17.38	13.13	6.73	34.77	PASS
n12	30	15	141500	1@1	CP_QAM256	17.77	13.52	7.12	34.77	PASS
n12	30	15	141500	1@36	CP_QAM256	17.42	13.17	6.77	34.77	PASS
n12	30	15	141700	18@9	DFT_BPSK	23.92	19.67	13.27	34.77	PASS
n12	30	15	141700	1@1	DFT_BPSK	23.99	19.74	13.34	34.77	PASS
n12	30	15	141700	1@36	DFT_BPSK	23.73	19.48	13.08	34.77	PASS
n12	30	15	141700	18@9	DFT_QPSK	23.89	19.64	13.24	34.77	PASS
n12	30	15	141700	1@1	DFT_QPSK	23.86	19.61	13.21	34.77	PASS
n12	30	15	141700	1@36	DFT_QPSK	23.66	19.41	13.01	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM16	22.94	18.69	12.29	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM16	23.25	19.00	12.60	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM16	22.79	18.54	12.14	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM64	21.39	17.14	10.74	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM64	21.36	17.11	10.71	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM64	21.65	17.40	11.00	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM256	19.49	15.24	8.84	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM256	19.26	15.01	8.61	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM256	19.04	14.79	8.39	34.77	PASS
n12	30	15	141700	19@9	CP_QPSK	22.48	18.23	11.83	34.77	PASS
n12	30	15	141700	1@1	CP_QPSK	22.64	18.39	11.99	34.77	PASS
n12	30	15	141700	1@36	CP_QPSK	22.33	18.08	11.68	34.77	PASS
n12	30	15	141700	19@9	CP_QAM16	21.96	17.71	11.31	34.77	PASS
n12	30	15	141700	1@1	CP_QAM16	22.27	18.02	11.62	34.77	PASS
n12	30	15	141700	1@36	CP_QAM16	21.99	17.74	11.34	34.77	PASS
n12	30	15	141700	19@9	CP_QAM64	20.47	16.22	9.82	34.77	PASS
n12	30	15	141700	1@1	CP_QAM64	20.62	16.37	9.97	34.77	PASS
n12	30	15	141700	1@36	CP_QAM64	20.42	16.17	9.77	34.77	PASS
n12	30	15	141700	19@9	CP_QAM256	17.37	13.12	6.72	34.77	PASS
n12	30	15	141700	1@1	CP_QAM256	17.67	13.42	7.02	34.77	PASS
n12	30	15	141700	1@36	CP_QAM256	17.48	13.23	6.83	34.77	PASS

## 2 Frequency stability for NR FR1

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	3.89	-6.61	-0.01	Within authorized band for 5G NR n12	PASS
n12	30	15	141500	1@1	DFT_BPSK	3.45	-7.71	-0.01		PASS
n12	30	15	141500	1@36	DFT_BPSK	4.48	-6.61	-0.01		PASS
n12	30	15	141500	18@9	DFT_QPSK	3.89	-6.81	-0.01		PASS
n12	30	15	141500	1@1	DFT_QPSK	3.45	-6.54	-0.01		PASS
n12	30	15	141500	1@36	DFT_QPSK	4.48	-6.88	-0.01		PASS

**NV:**

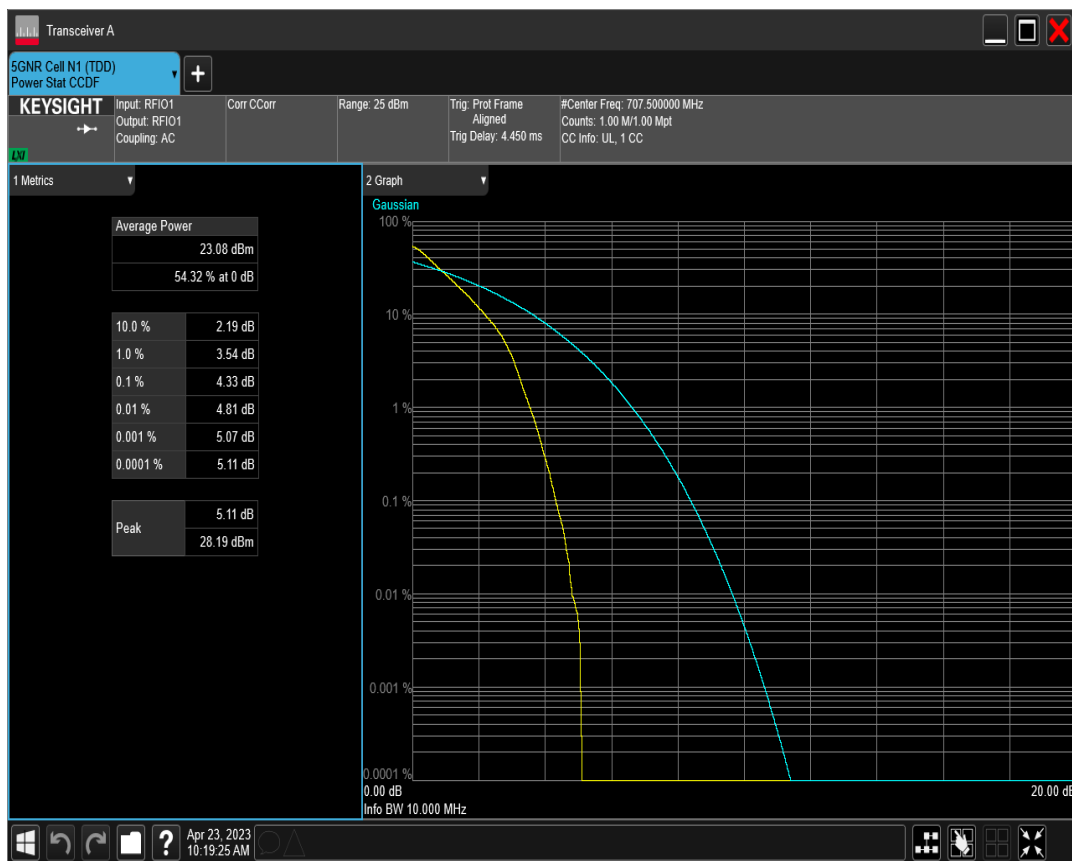
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n12	30	15	141500	18@9	DFT_BPSK	-30	-7.05	0.00	Within authorized band for 5G NR n12	PASS
n12	30	15	141500	18@9	DFT_BPSK	-20	-7.85	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	-10	-6.31	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	0	-6.78	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	10	-6.85	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	20	-6.61	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	30	-7.28	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	40	-7.44	0.00		PASS
n12	30	15	141500	18@9	DFT_BPSK	50	-6.5	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	-30	-6.35	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	-20	-6.52	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	-10	-6.44	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	0	-7.47	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	10	-7.43	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	20	-6.97	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	30	-6.57	0.00		PASS
n12	30	15	141500	18@9	DFT_QPSK	40	-6.13	0.00	PASS	
n12	30	15	141500	18@9	DFT_QPSK	50	-6.08	0.00	PASS	

Note: Only the worst case shown in the report.

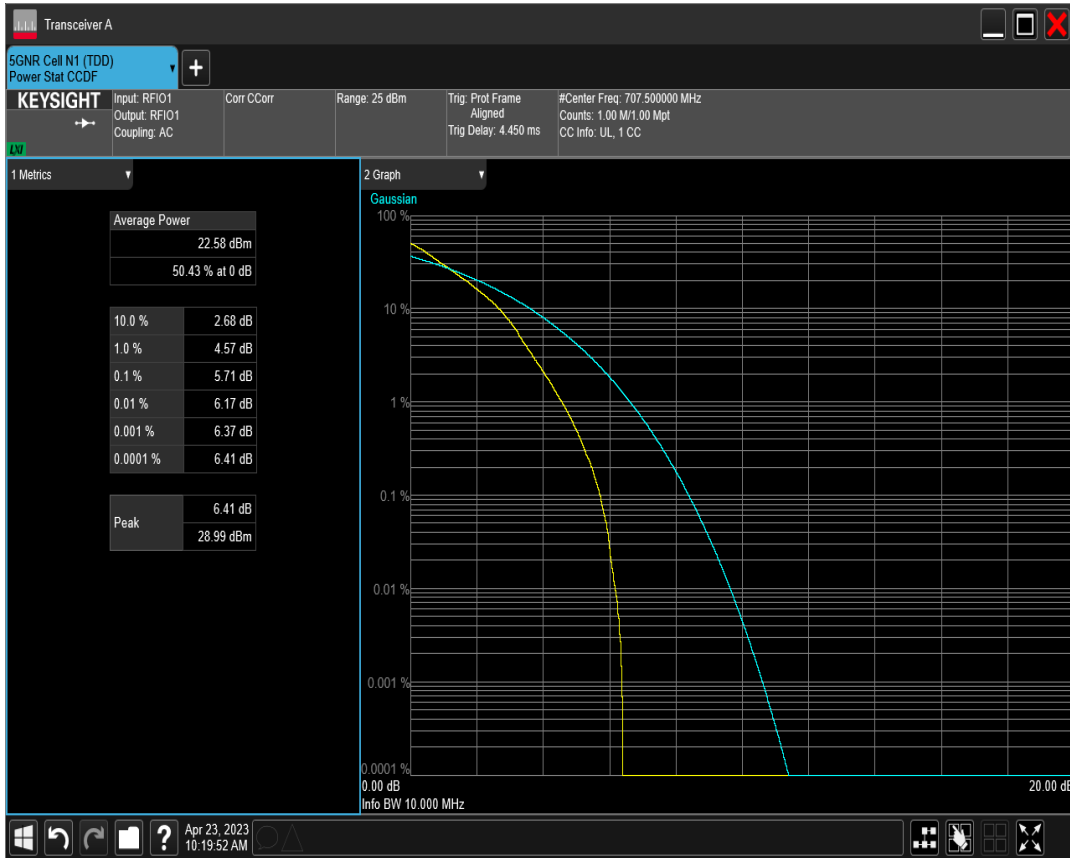
### 3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n12	30	10	141500	24@0	DFT_BPSK	4.33	13	PASS
n12	30	10	141500	24@0	DFT_QPSK	5.71	13	PASS
n12	30	10	141500	24@0	DFT_QAM16	6.42	13	PASS
n12	30	10	141500	24@0	DFT_QAM64	6.39	13	PASS
n12	30	10	141500	24@0	DFT_QAM256	6.99	13	PASS
n12	30	15	141500	36@0	DFT_BPSK	4.39	13	PASS
n12	30	15	141500	36@0	DFT_QPSK	5.75	13	PASS
n12	30	15	141500	36@0	DFT_QAM16	6.56	13	PASS
n12	30	15	141500	36@0	DFT_QAM64	6.71	13	PASS
n12	30	15	141500	36@0	DFT_QAM256	6.98	13	PASS

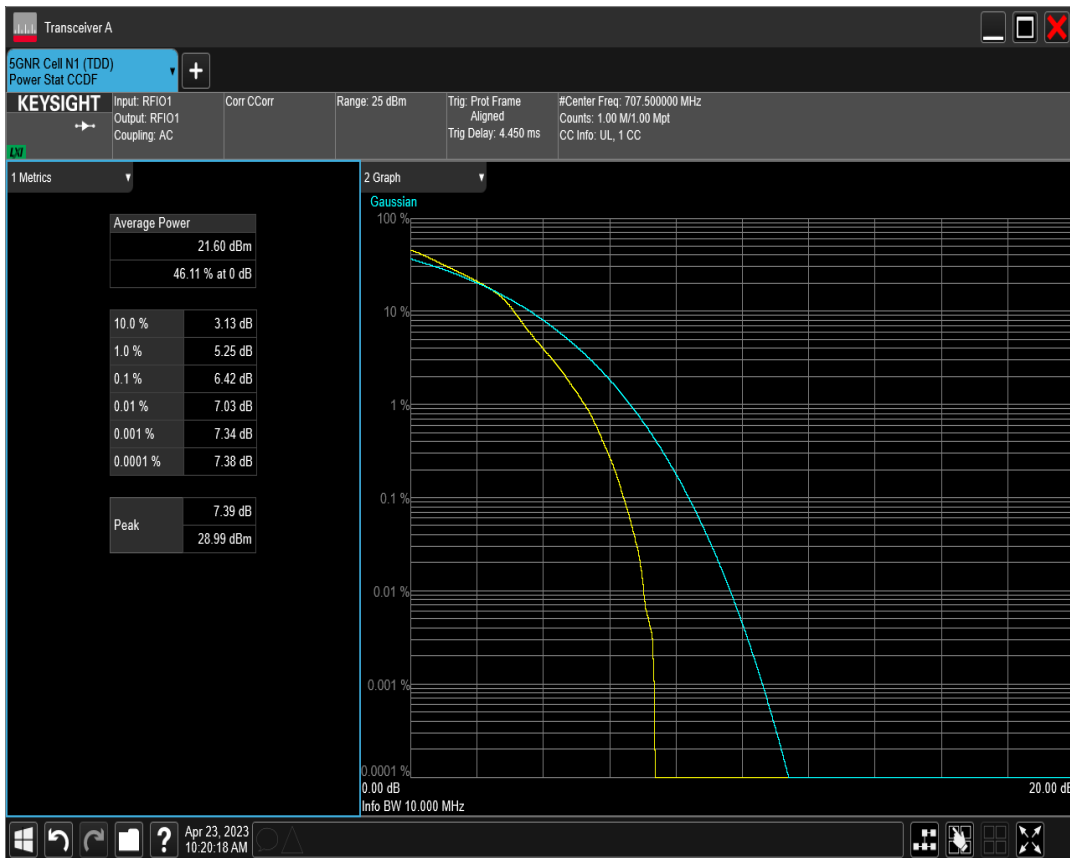
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=141500 RB=24@0



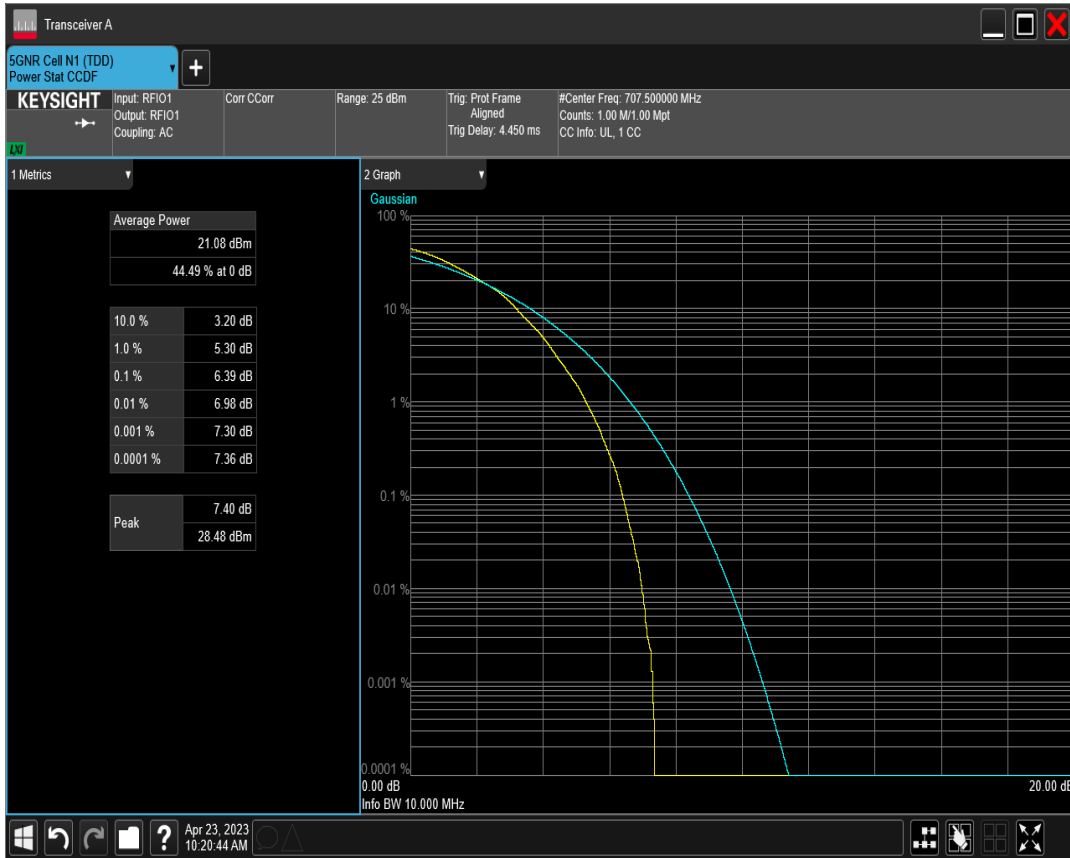
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=141500 RB=24@0



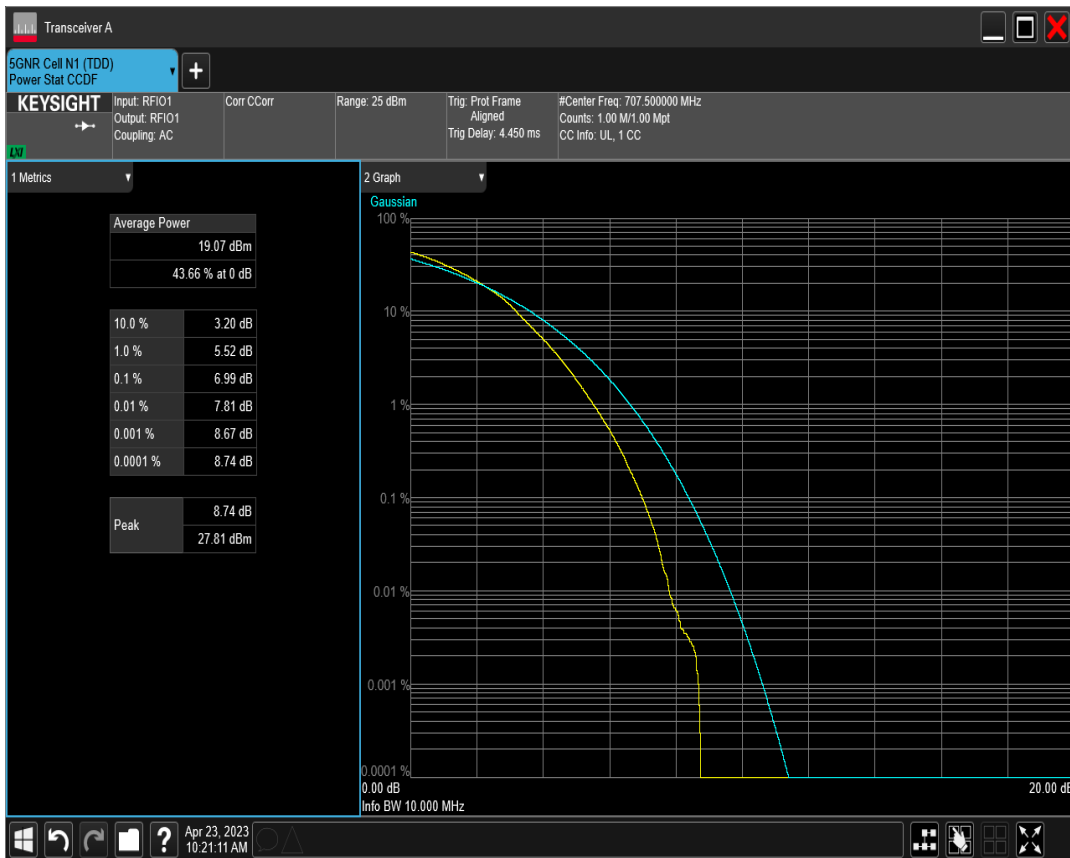
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=141500 RB=24@0



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

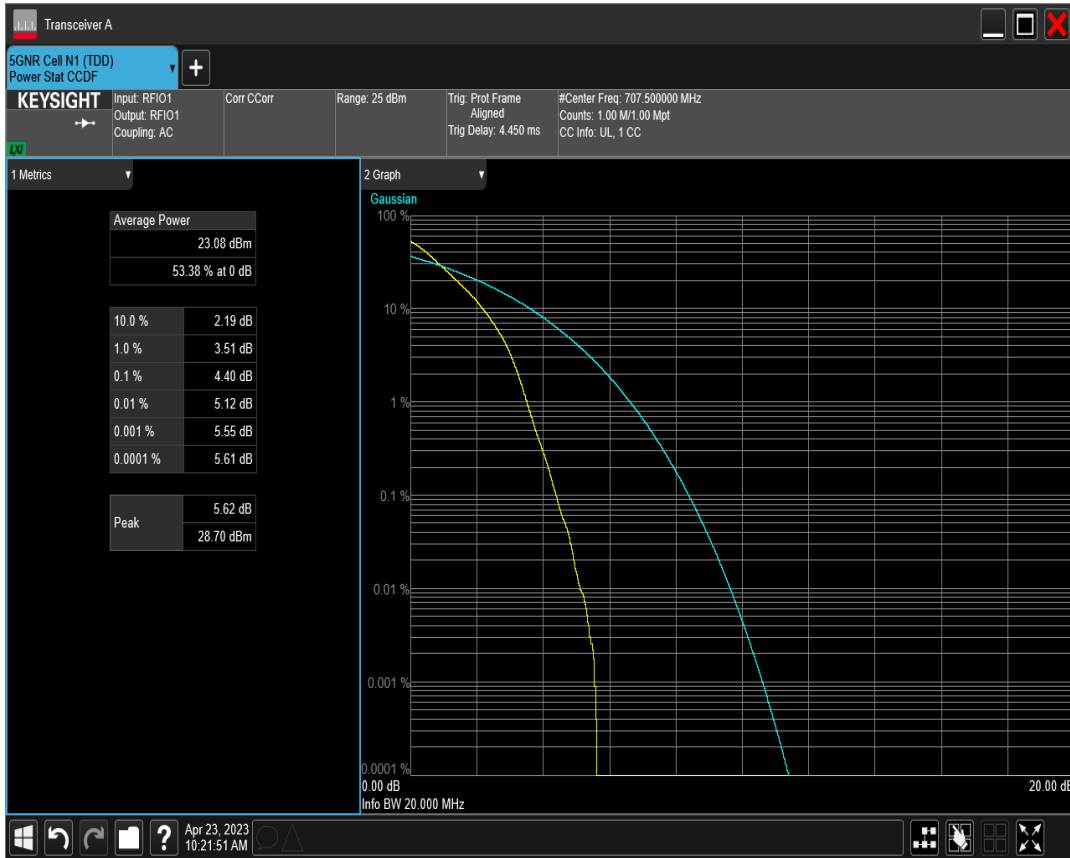


n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=141500 RB=24@0

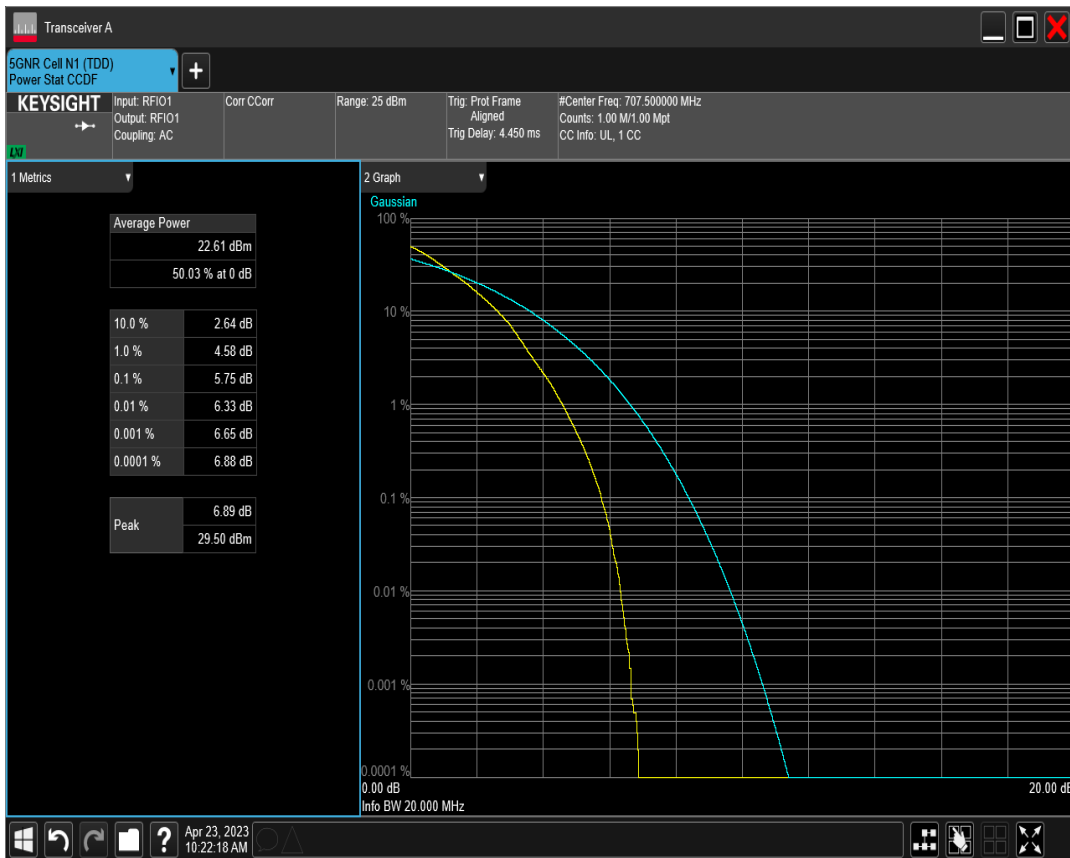


n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141500 RB=36@0

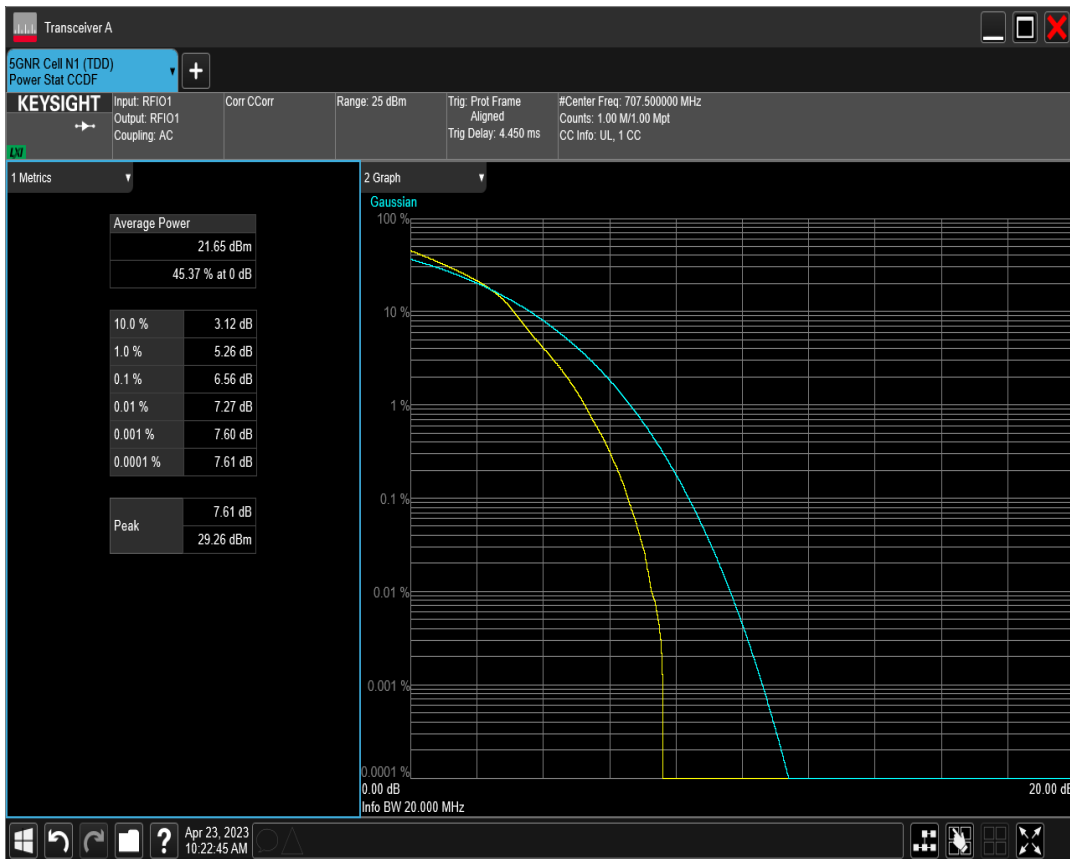




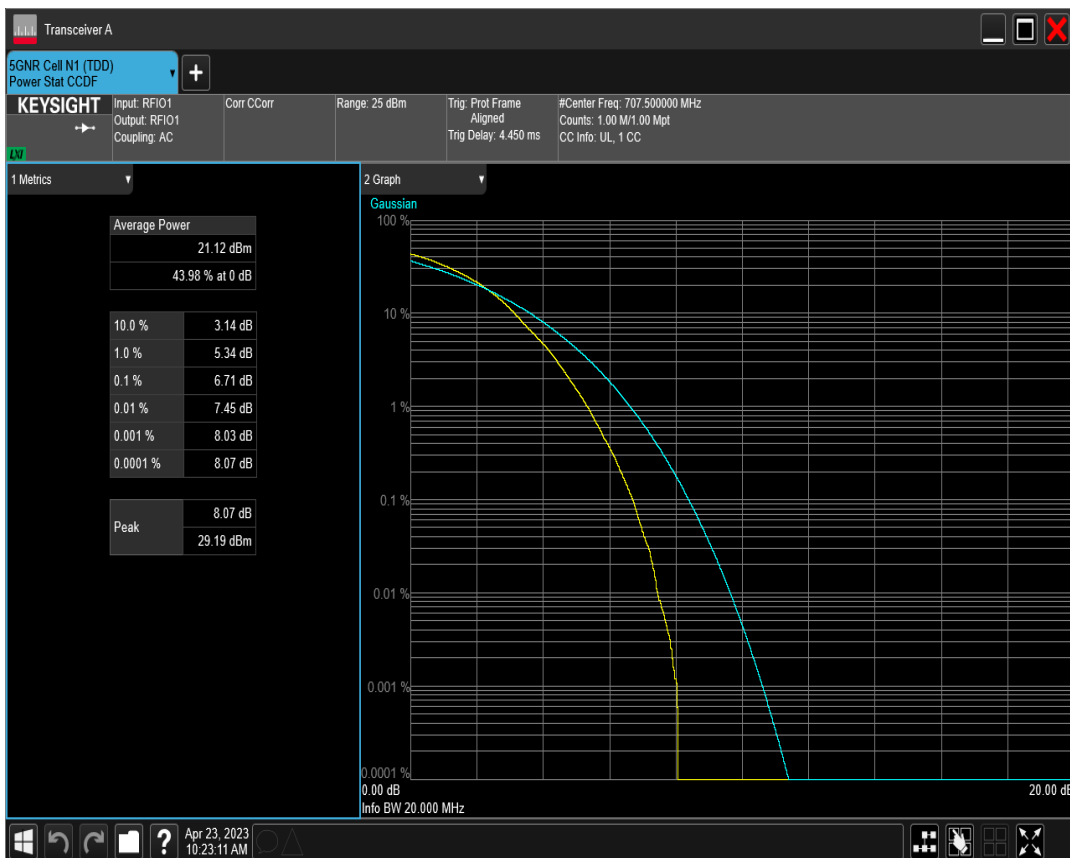
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141500 RB=36@0



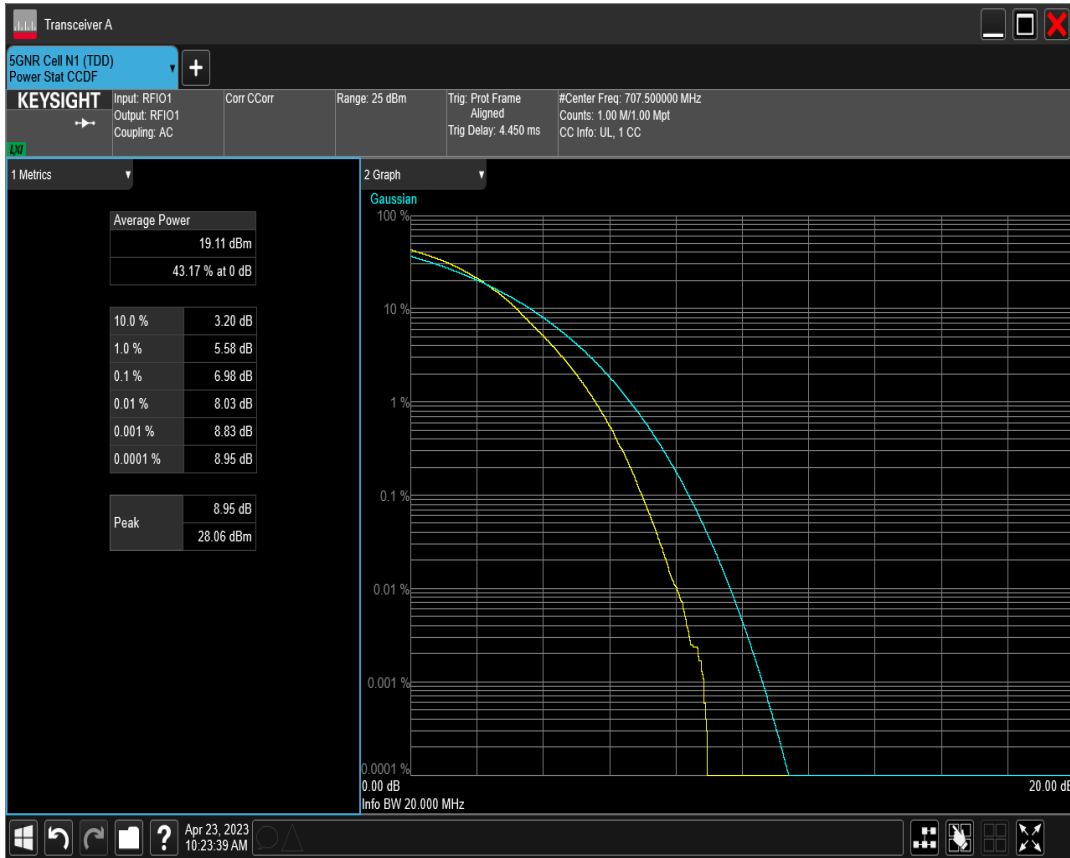
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141500 RB=36@0



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



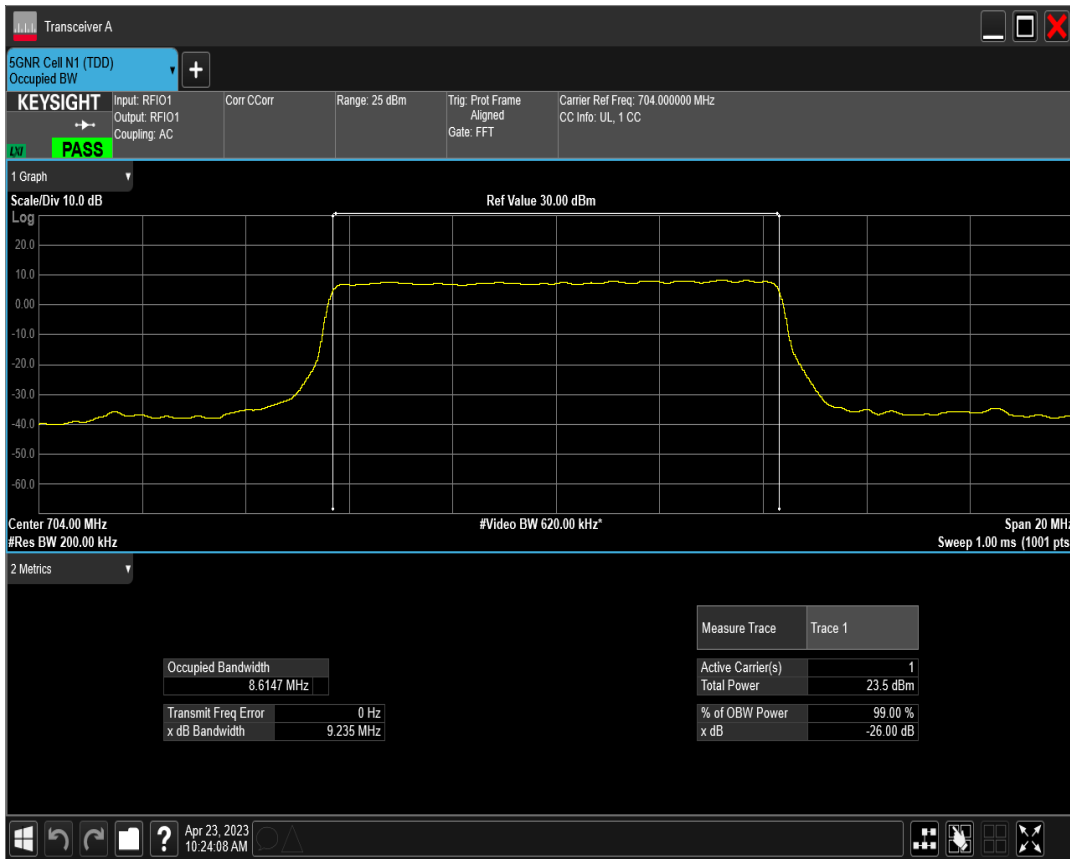
n12 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=141500 RB=36@0



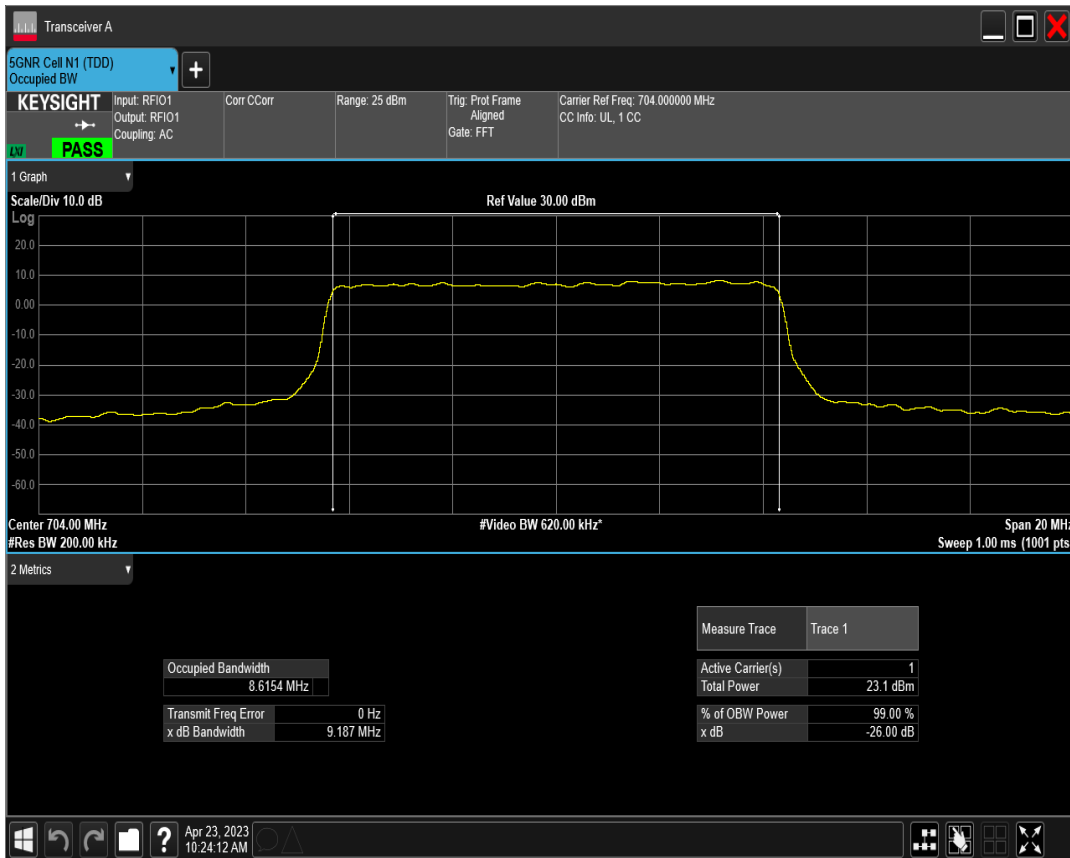
## 4 Occupied bandwidth for NR FR1

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	9.240	PASS
n12	30	10	140800	24@0	DFT_QPSK	8.620	9.190	PASS
n12	30	10	140800	24@0	DFT_QAM16	8.650	9.190	PASS
n12	30	10	140800	24@0	DFT_QAM64	8.640	9.190	PASS
n12	30	10	140800	24@0	DFT_QAM256	8.610	9.190	PASS
n12	30	10	140800	24@0	CP_QPSK	8.620	9.180	PASS
n12	30	10	141500	24@0	DFT_BPSK	8.600	9.150	PASS
n12	30	10	141500	24@0	DFT_QPSK	8.610	9.180	PASS
n12	30	10	141500	24@0	DFT_QAM16	8.620	9.160	PASS
n12	30	10	141500	24@0	DFT_QAM64	8.610	9.170	PASS
n12	30	10	141500	24@0	DFT_QAM256	8.570	9.170	PASS
n12	30	10	141500	24@0	CP_QPSK	8.610	9.200	PASS
n12	30	10	142200	24@0	DFT_BPSK	8.620	9.190	PASS
n12	30	10	142200	24@0	DFT_QPSK	8.650	9.230	PASS
n12	30	10	142200	24@0	DFT_QAM16	8.650	9.230	PASS
n12	30	10	142200	24@0	DFT_QAM64	8.650	9.220	PASS
n12	30	10	142200	24@0	DFT_QAM256	8.610	9.170	PASS
n12	30	10	142200	24@0	CP_QPSK	8.620	9.170	PASS
n12	30	15	141300	36@0	DFT_BPSK	13.460	13.720	PASS
n12	30	15	141300	36@0	DFT_QPSK	13.460	13.690	PASS
n12	30	15	141300	36@0	DFT_QAM16	13.450	13.730	PASS
n12	30	15	141300	36@0	DFT_QAM64	13.510	13.740	PASS
n12	30	15	141300	36@0	DFT_QAM256	13.450	13.690	PASS
n12	30	15	141300	38@0	CP_QPSK	13.630	14.420	PASS
n12	30	15	141500	36@0	DFT_BPSK	13.460	13.710	PASS
n12	30	15	141500	36@0	DFT_QPSK	13.460	13.680	PASS
n12	30	15	141500	36@0	DFT_QAM16	13.460	13.700	PASS
n12	30	15	141500	36@0	DFT_QAM64	13.510	13.710	PASS
n12	30	15	141500	36@0	DFT_QAM256	13.450	13.680	PASS
n12	30	15	141500	38@0	CP_QPSK	13.620	14.410	PASS
n12	30	15	141700	36@0	DFT_BPSK	13.460	13.680	PASS
n12	30	15	141700	36@0	DFT_QPSK	13.510	13.720	PASS
n12	30	15	141700	36@0	DFT_QAM16	13.460	13.680	PASS
n12	30	15	141700	36@0	DFT_QAM64	13.510	13.700	PASS
n12	30	15	141700	36@0	DFT_QAM256	13.510	13.700	PASS
n12	30	15	141700	38@0	CP_QPSK	13.630	14.420	PASS

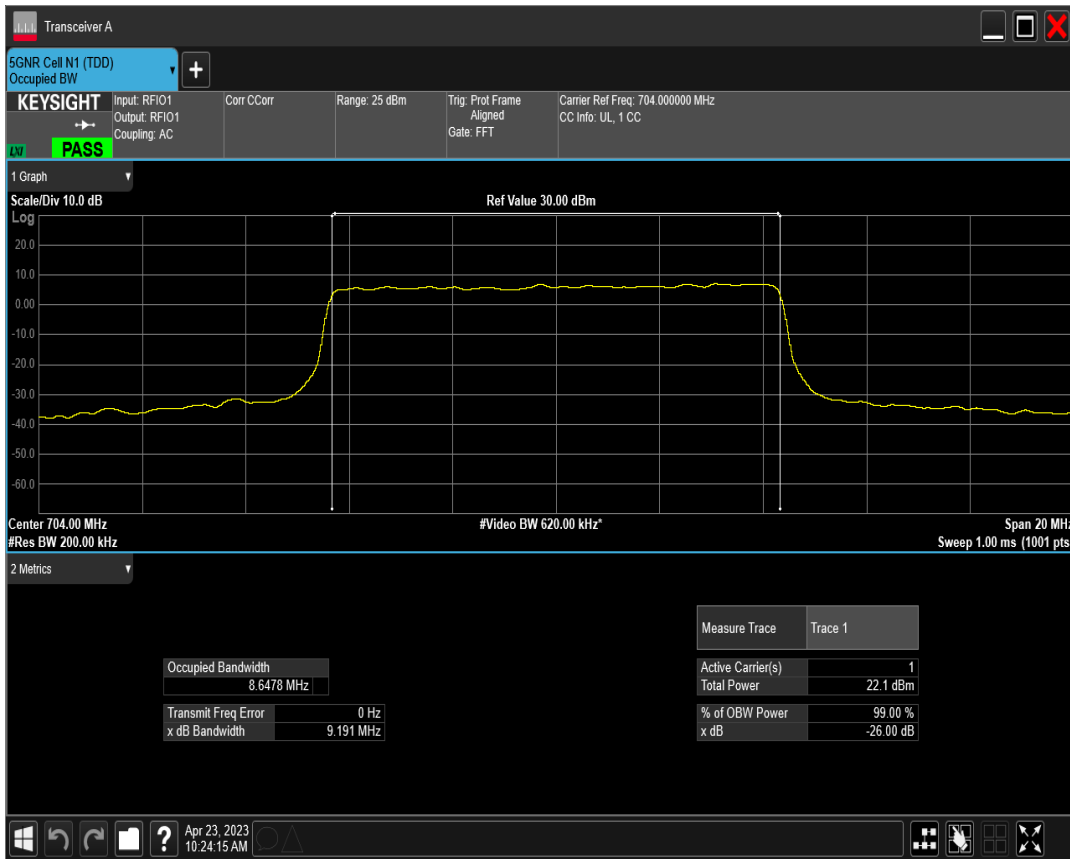
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=140800 RB=24@0



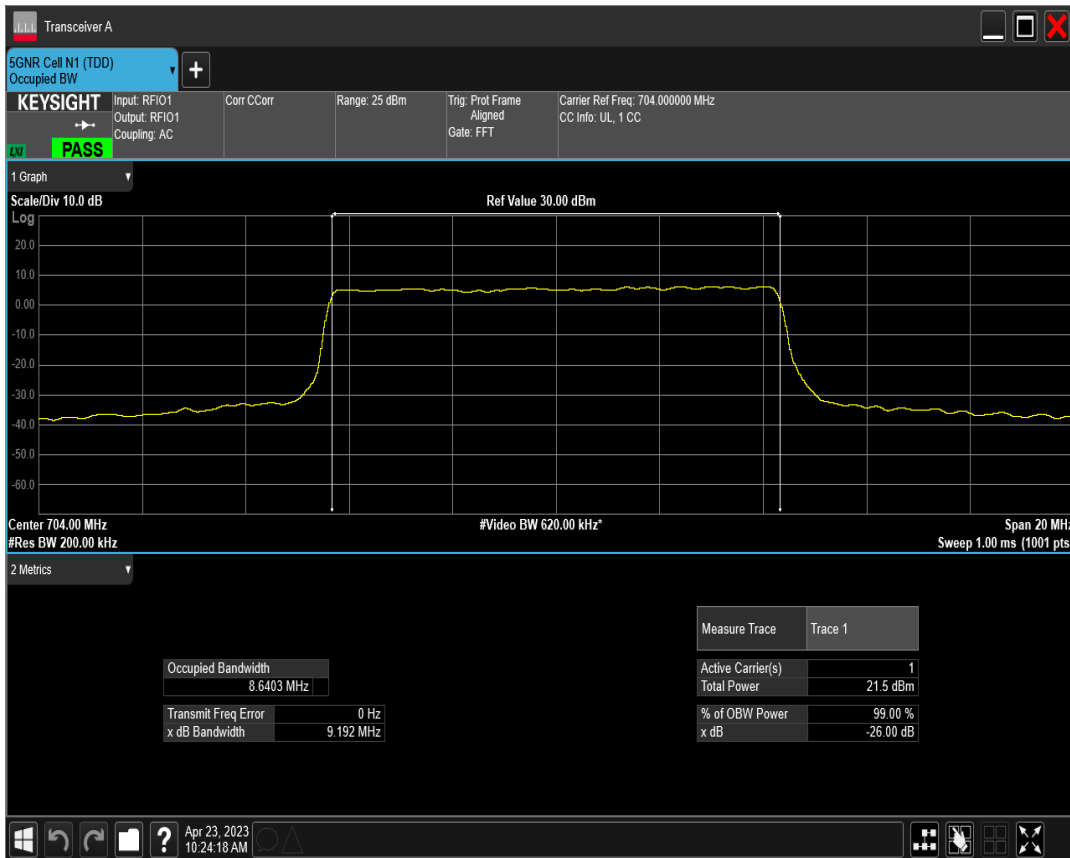
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=140800 RB=24@0



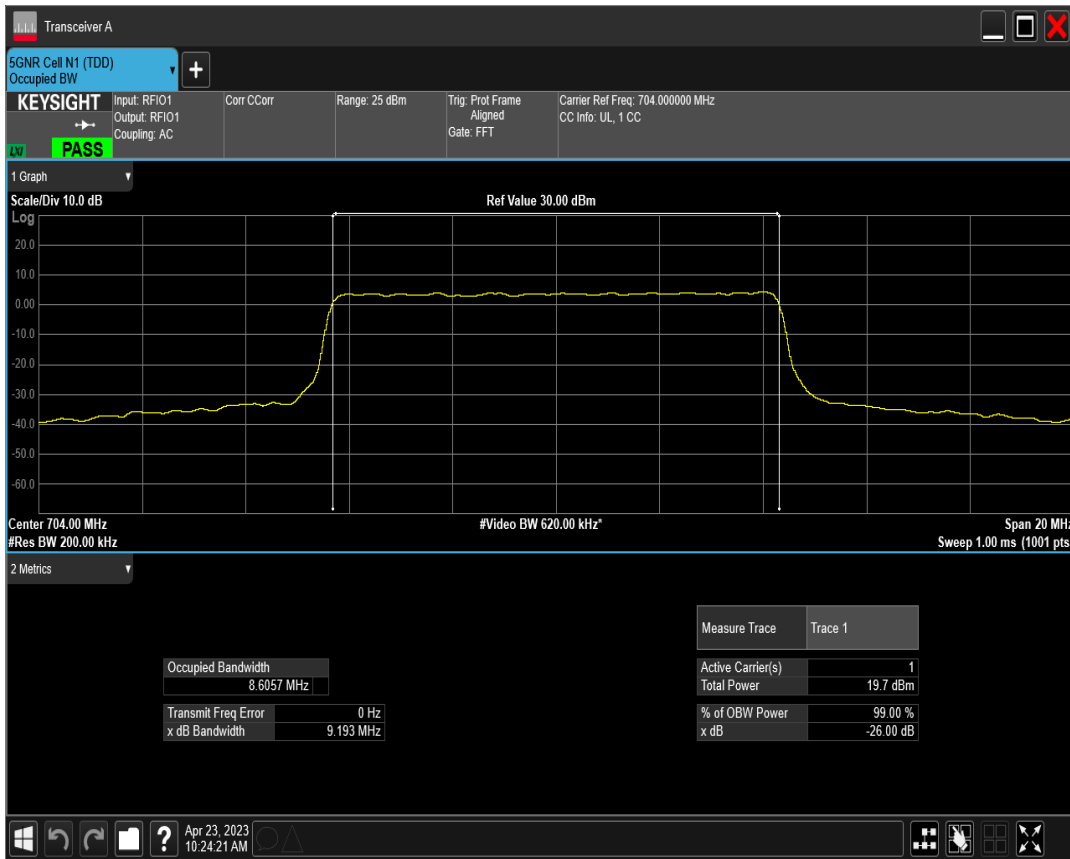
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=140800 RB=24@0



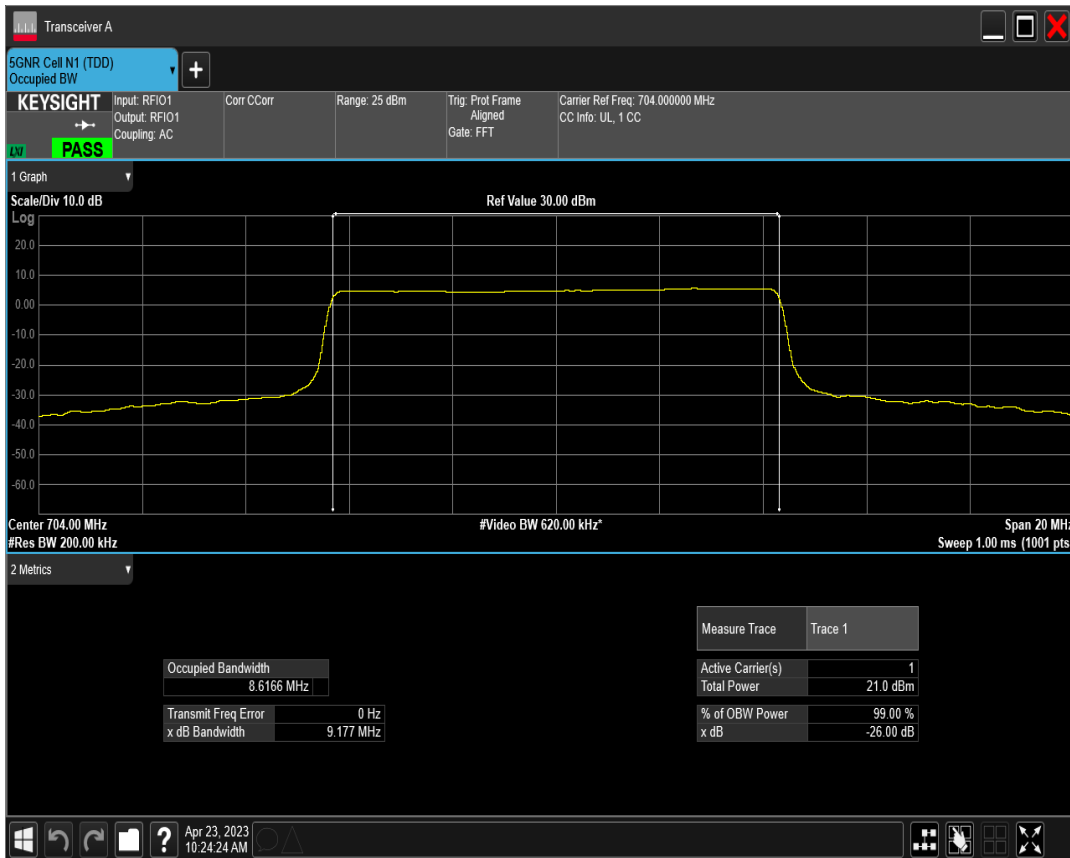
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=140800 RB=24@0



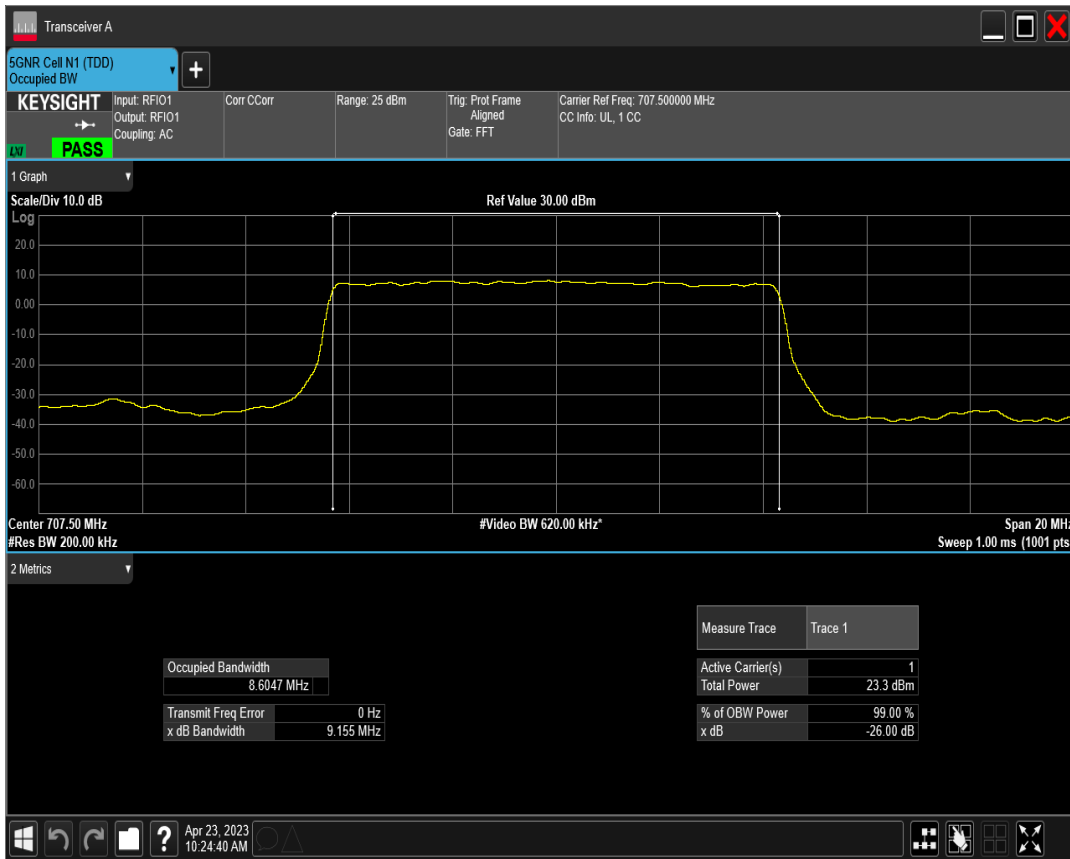
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=140800 RB=24@0



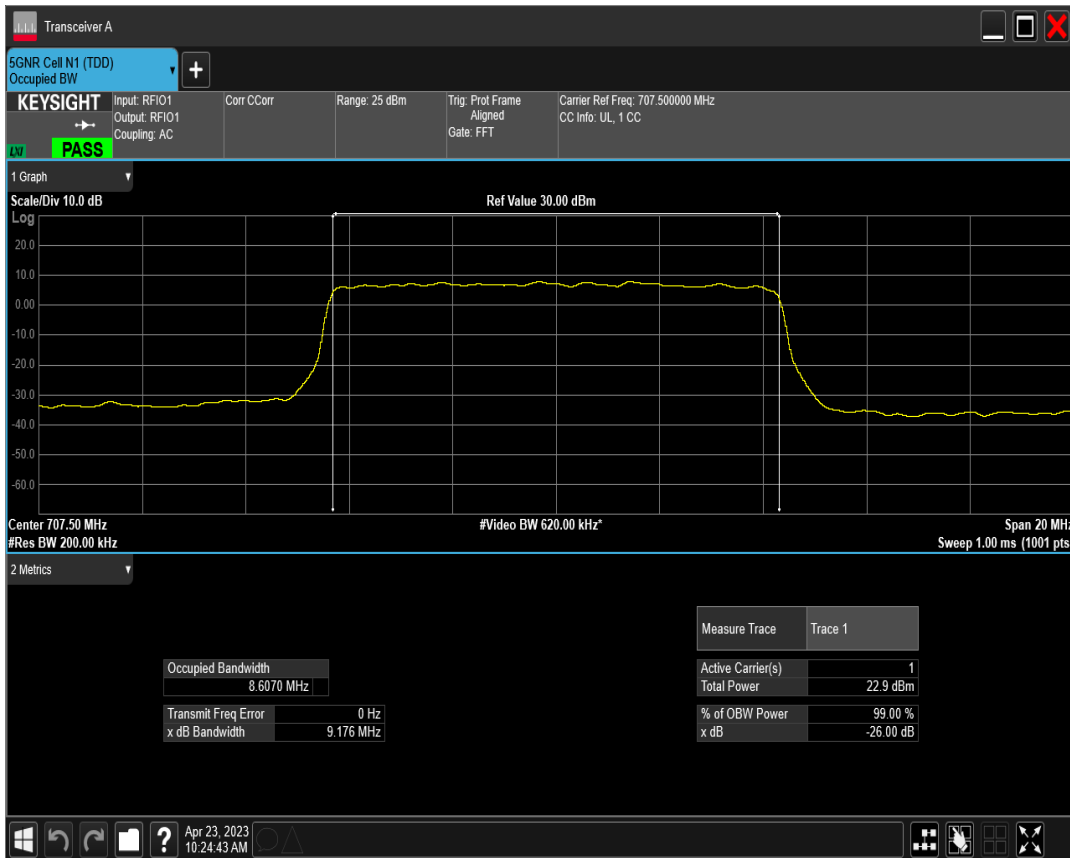
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=140800 RB=24@0



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

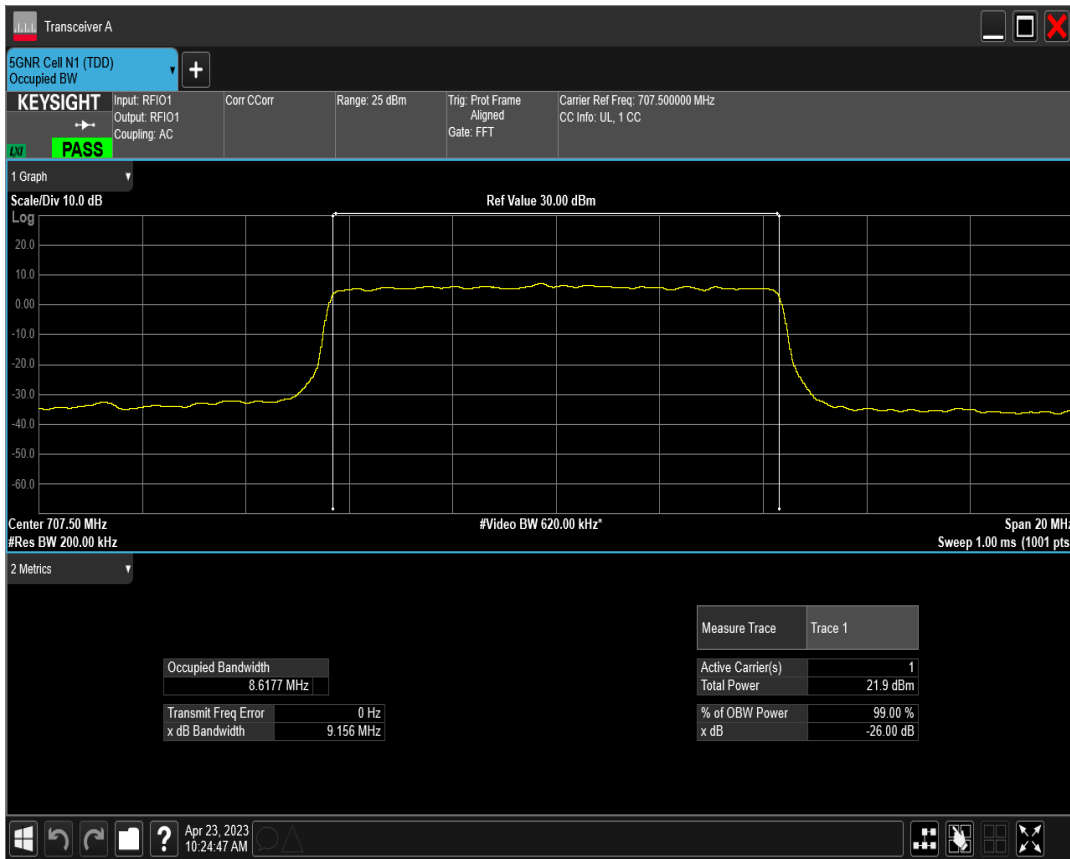


n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=141500 RB=24@0

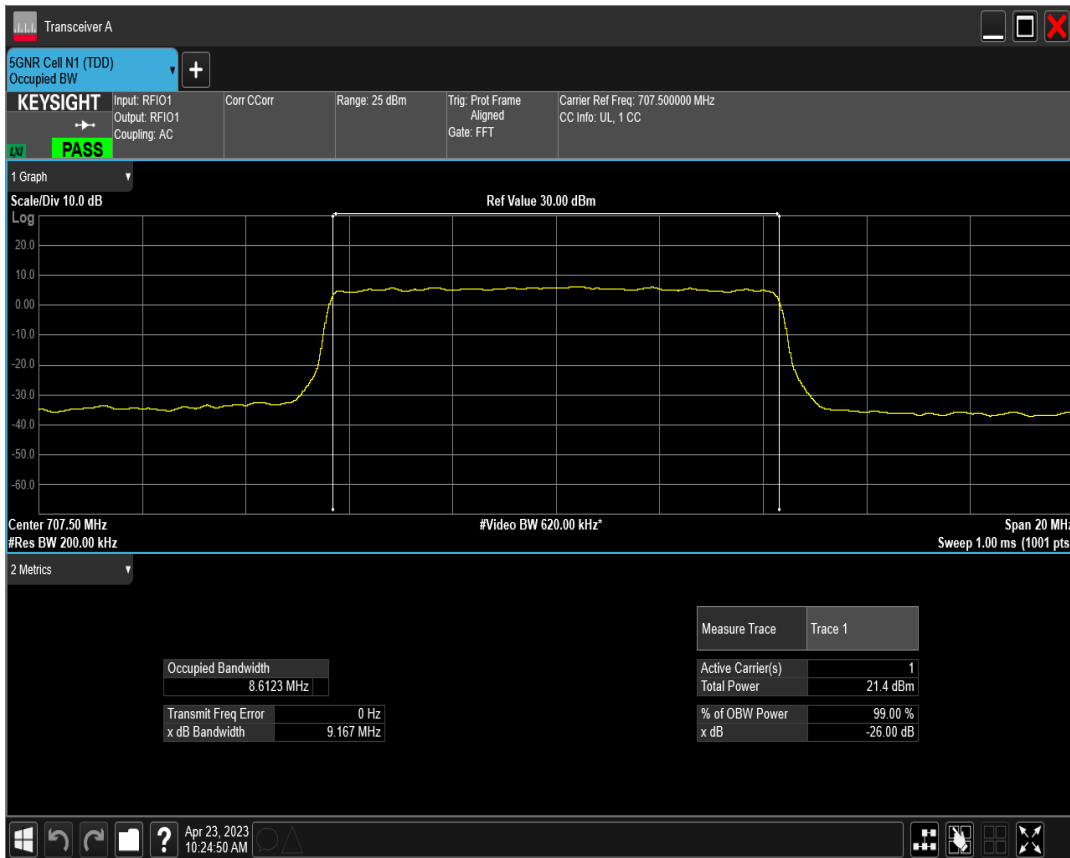




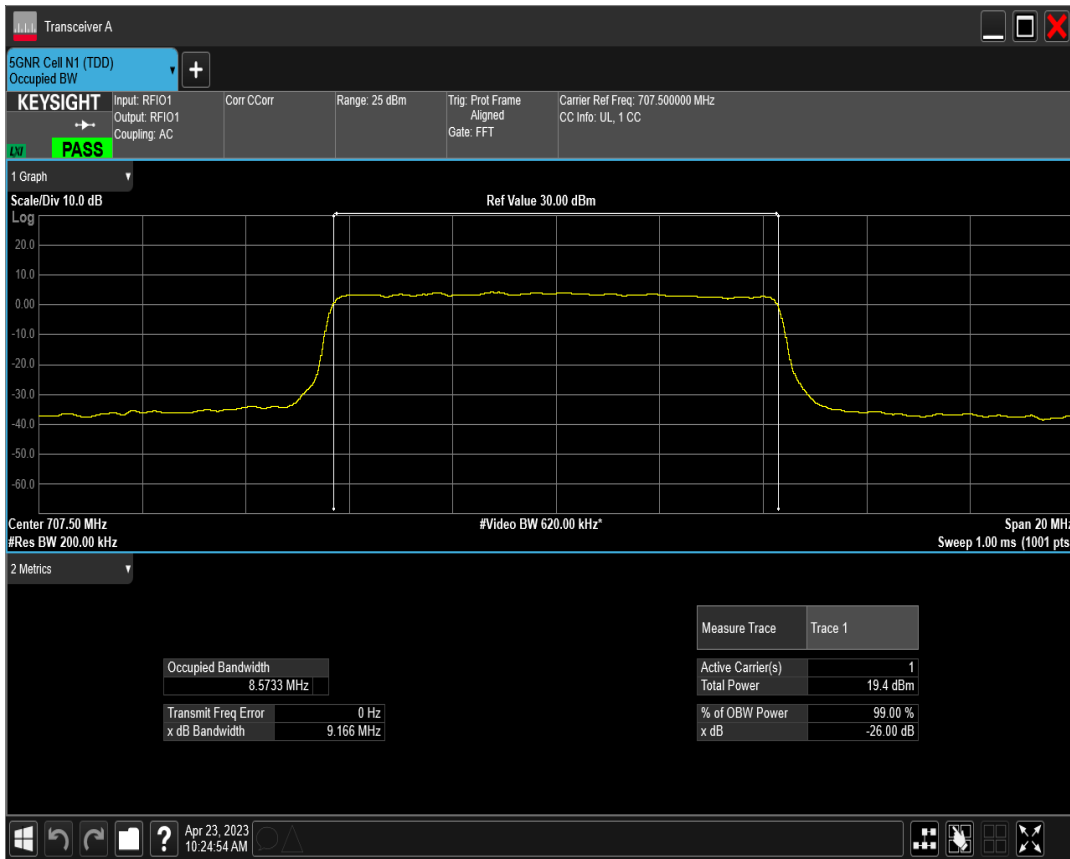
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=141500 RB=24@0



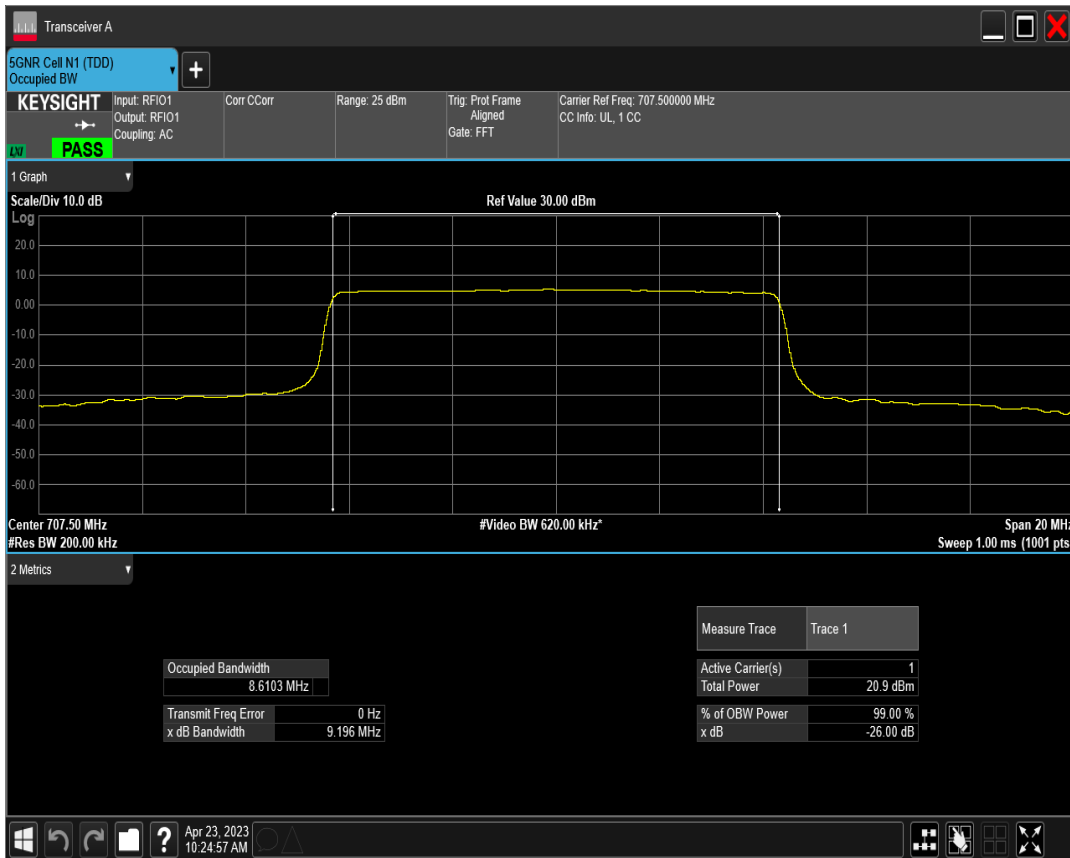
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=141500 RB=24@0



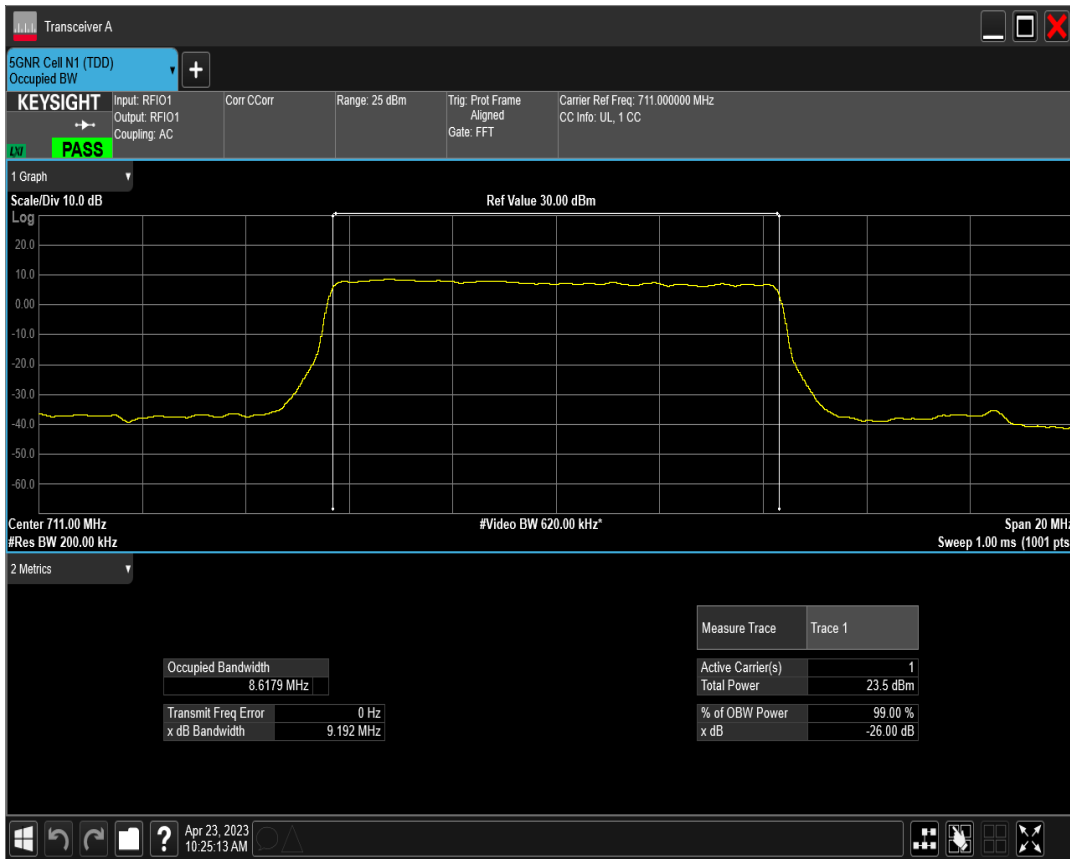
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=141500 RB=24@0



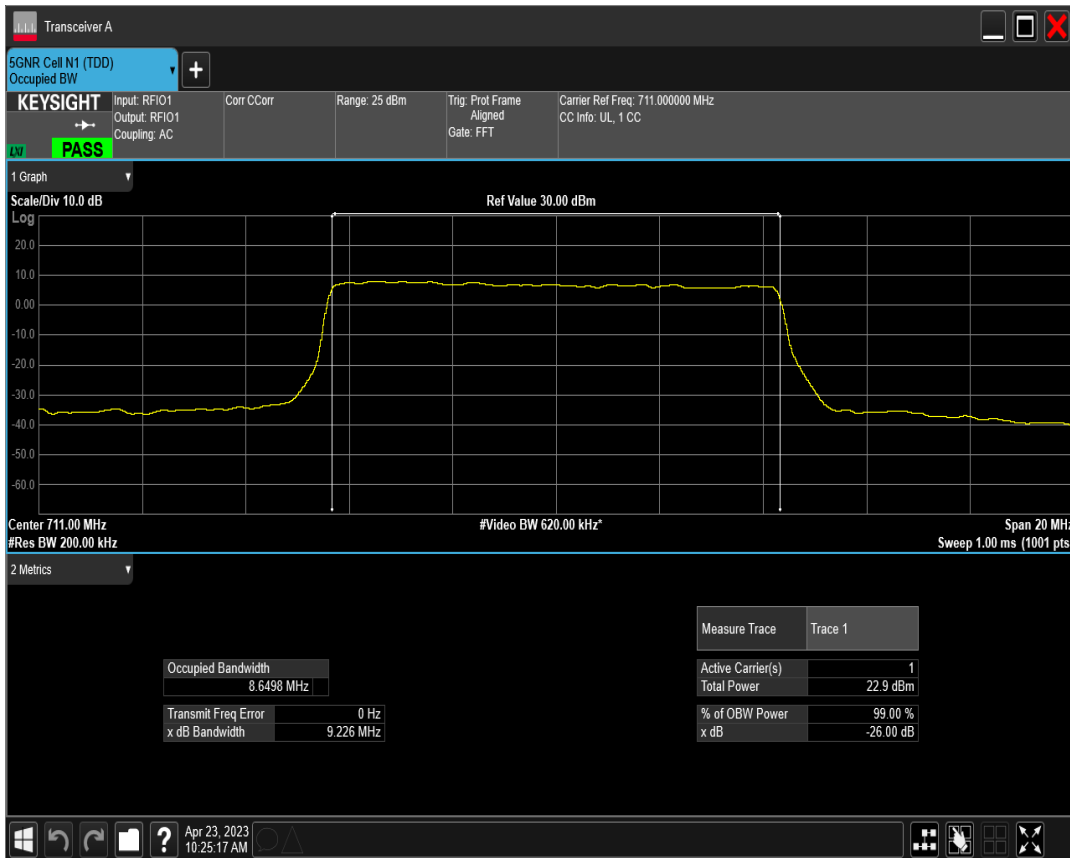
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=141500 RB=24@0



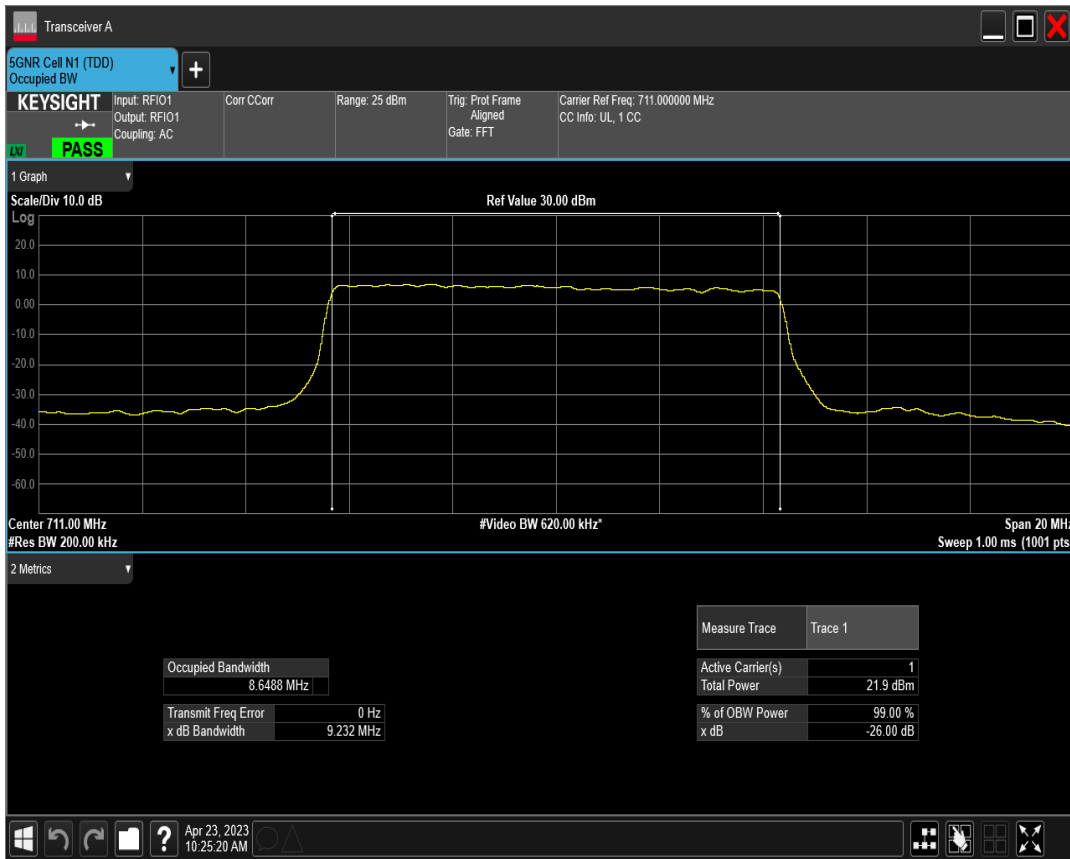
n12 SCS=30kHz DFT\_BPSK BW=10MHz Channel=142200 RB=24@0



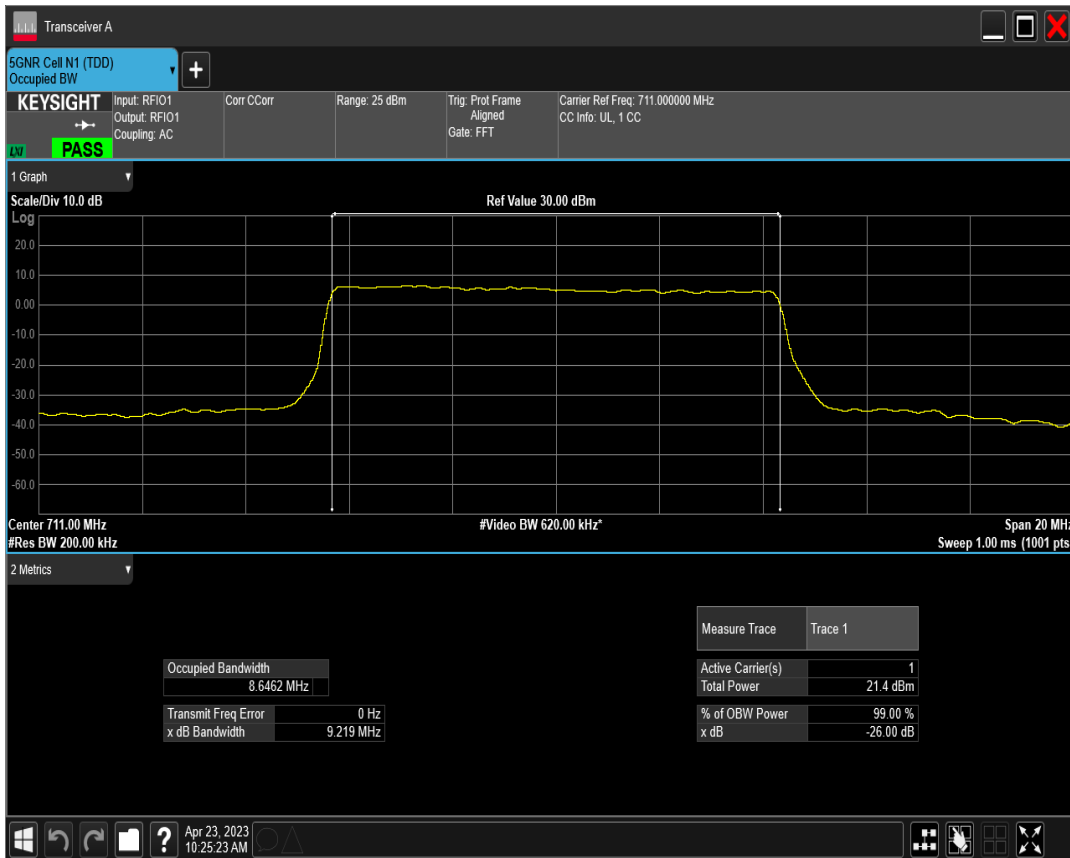
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=24@0



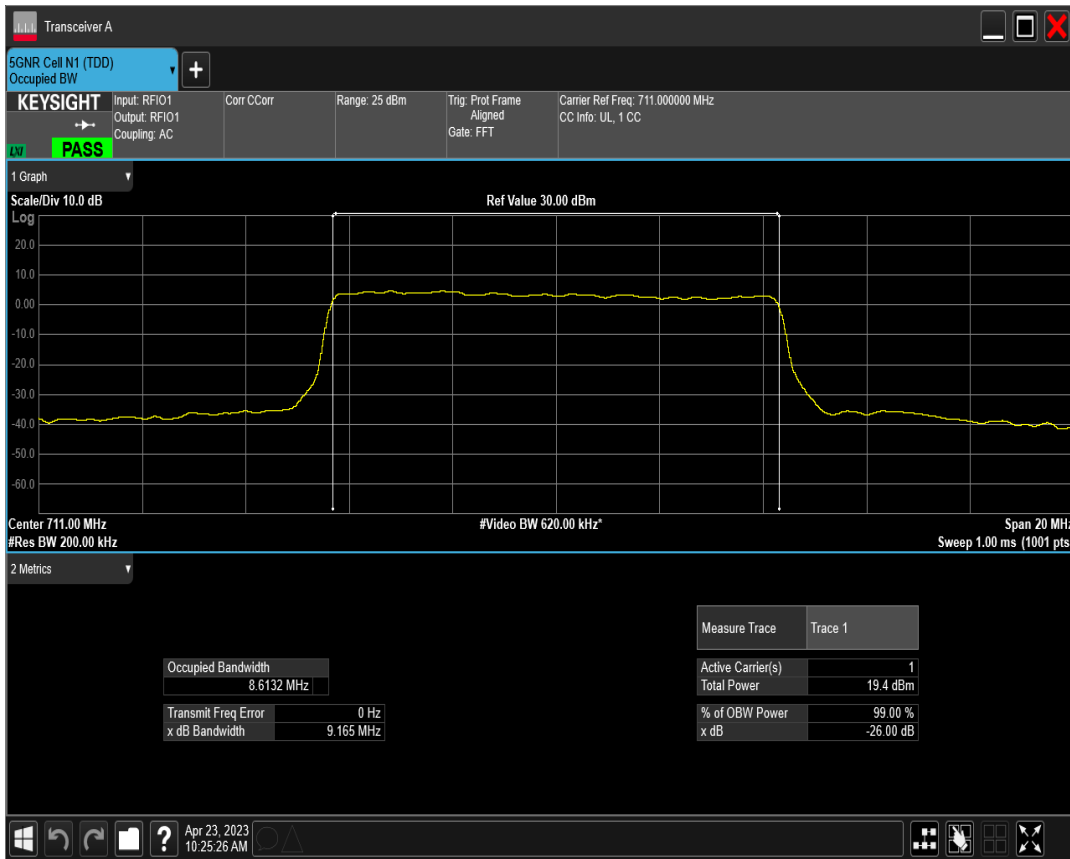
n12 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=142200 RB=24@0



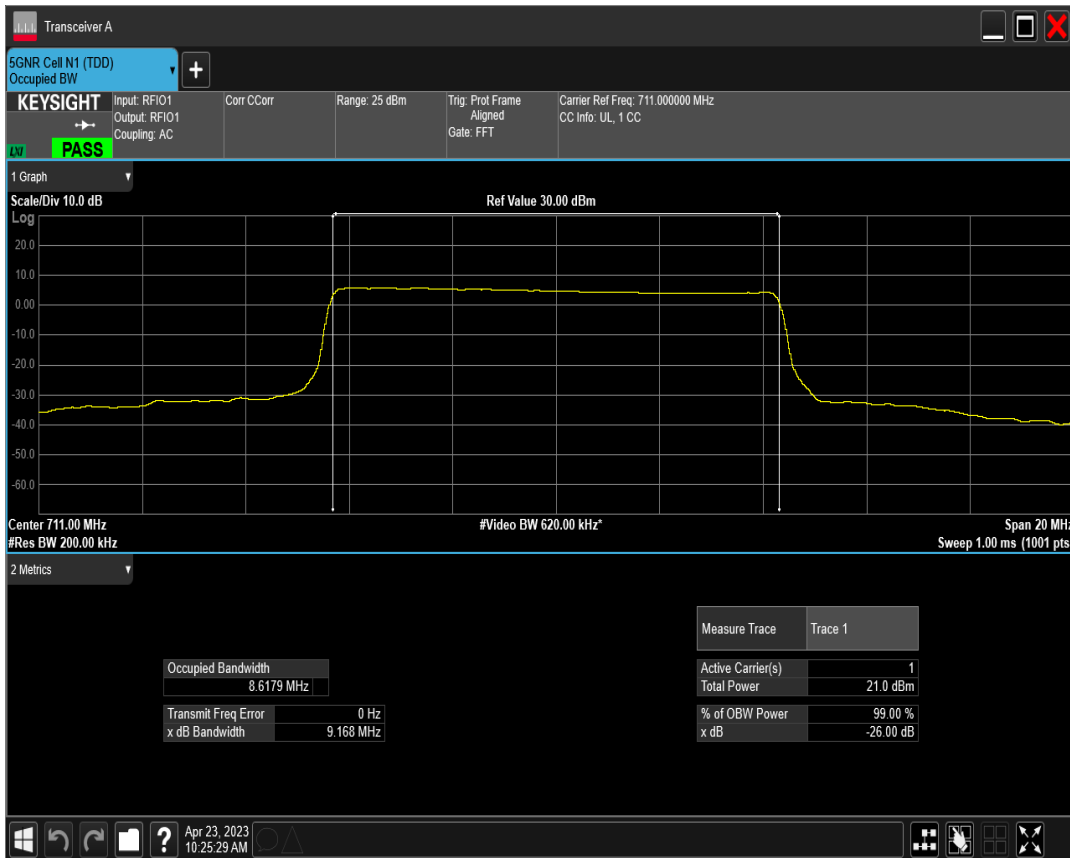
n12 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=142200 RB=24@0



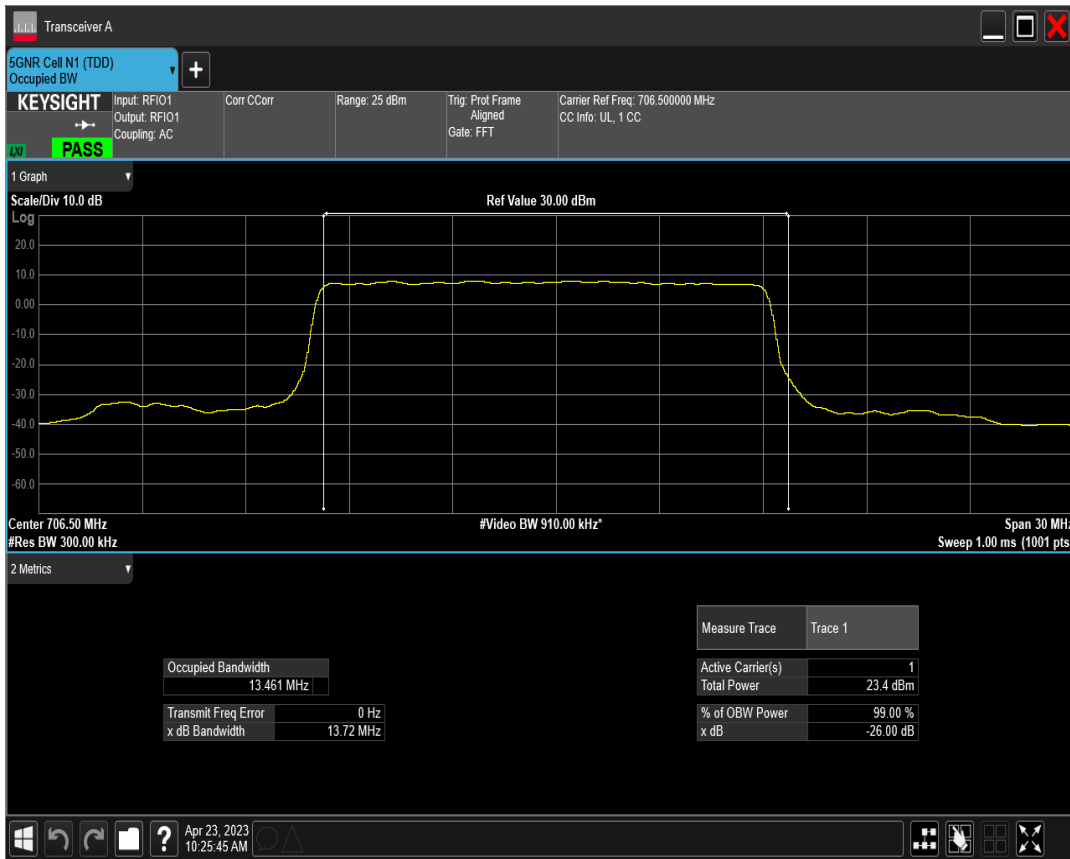
n12 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=142200 RB=24@0



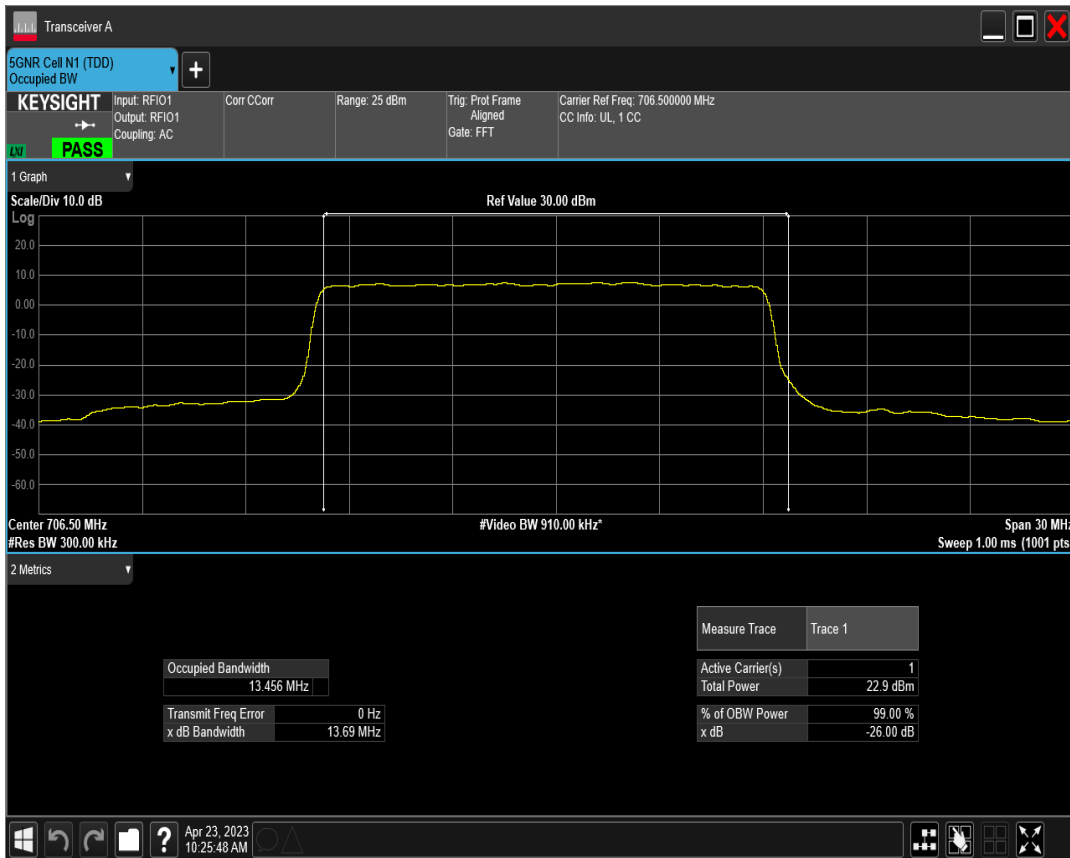
n12 SCS=30kHz CP\_QPSK BW=10MHz Channel=142200 RB=24@0



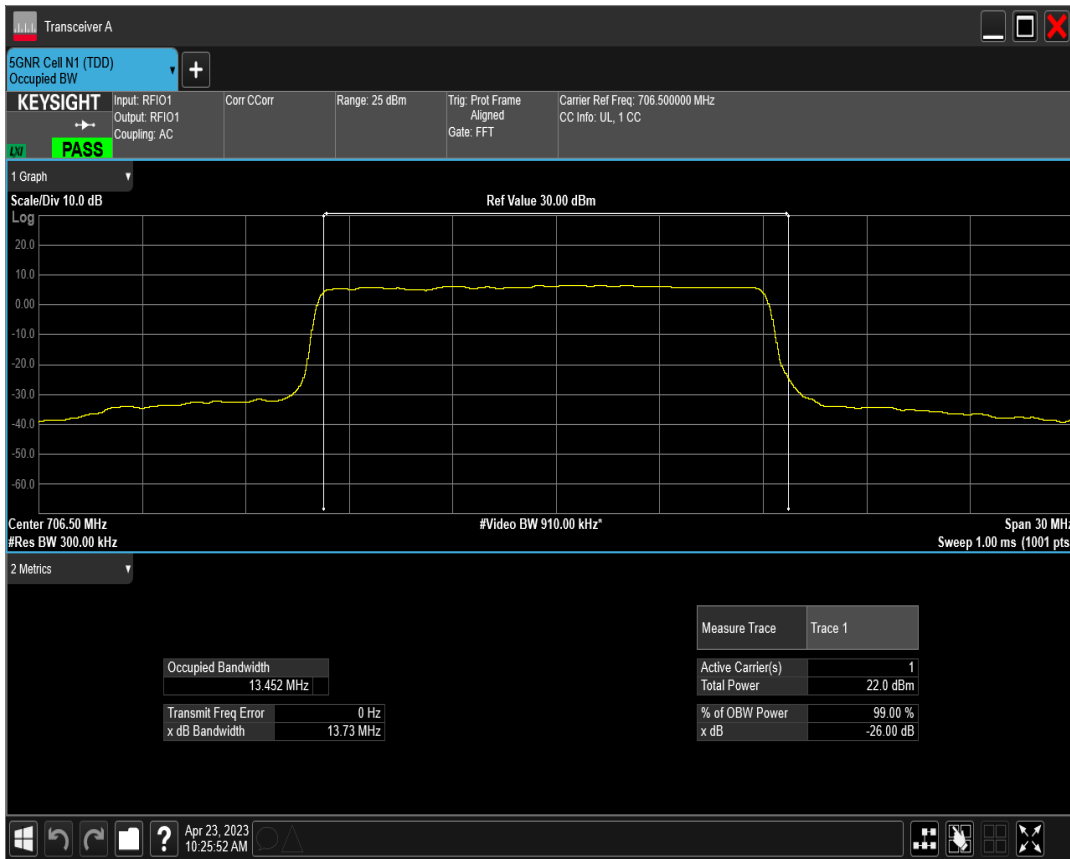
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141300 RB=36@0



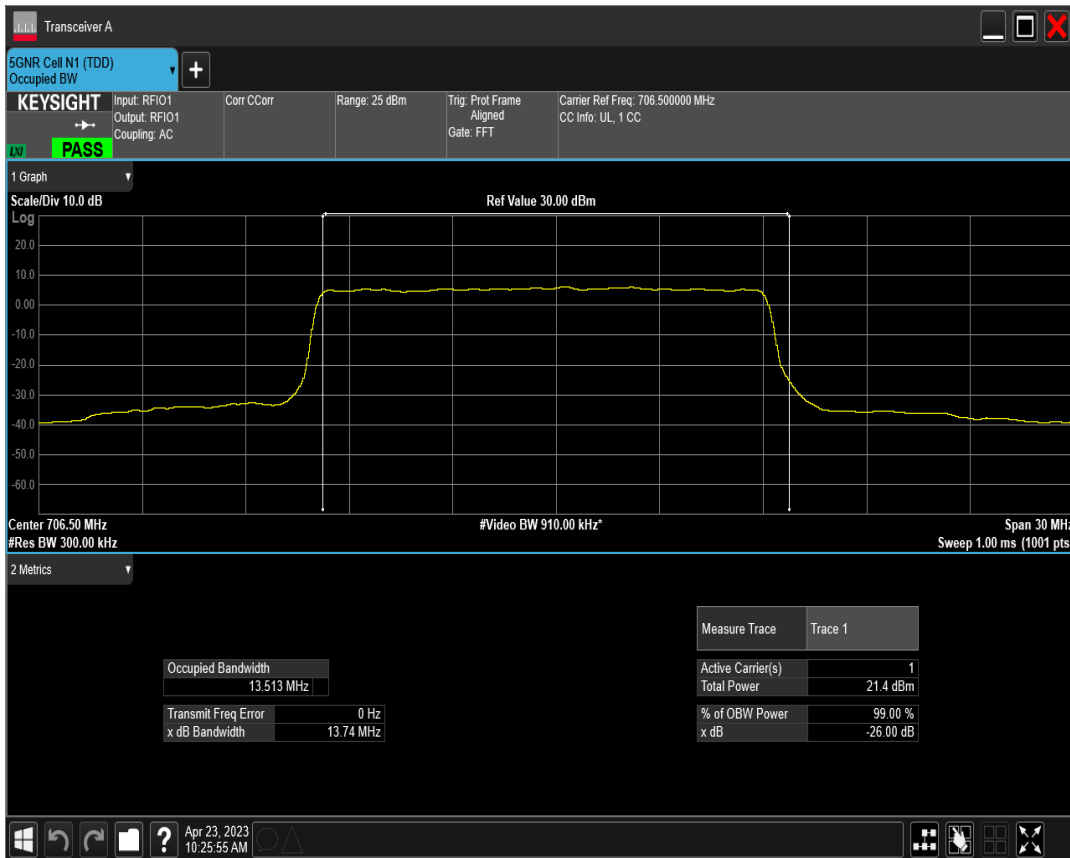
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141300 RB=36@0



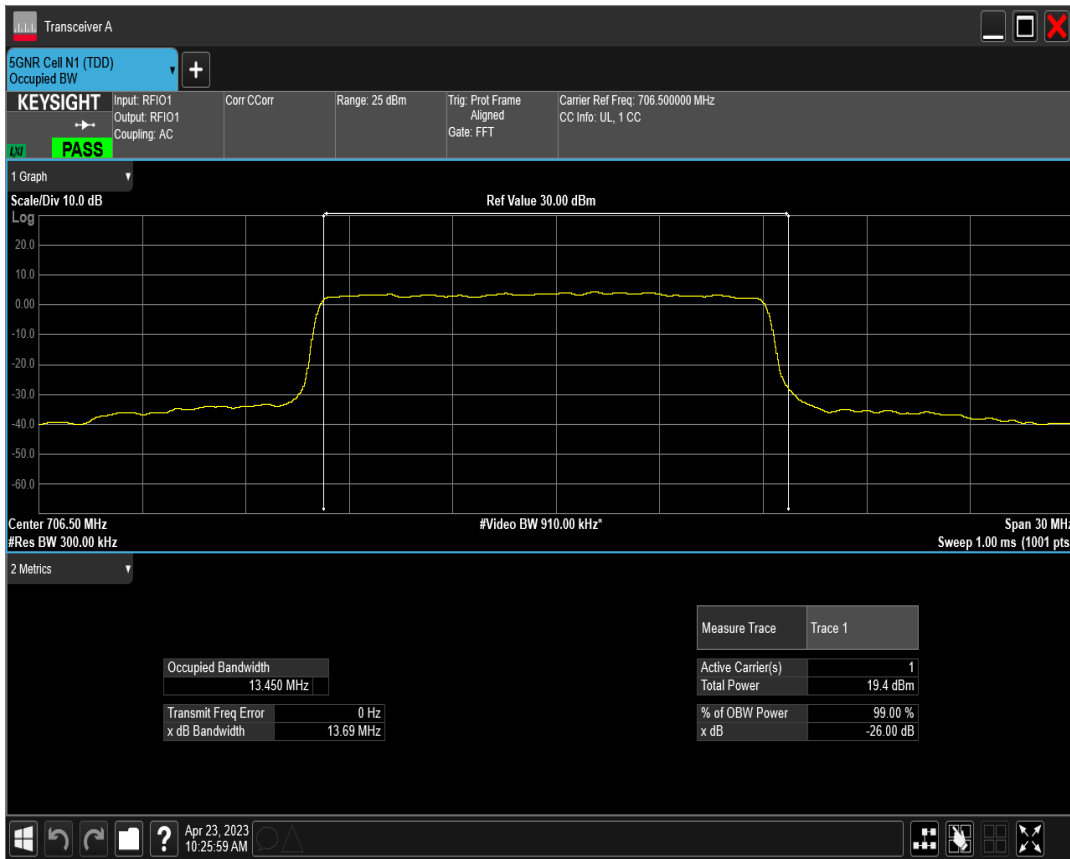
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141300 RB=36@0



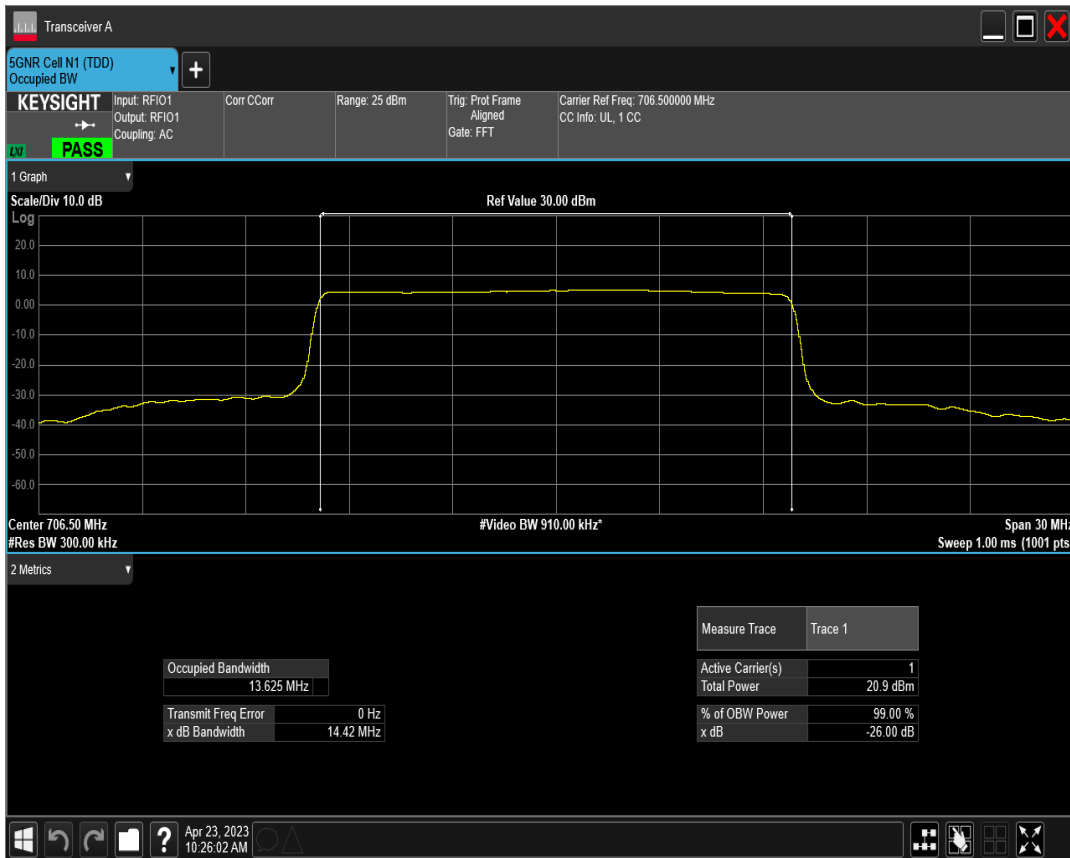
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141300 RB=36@0



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

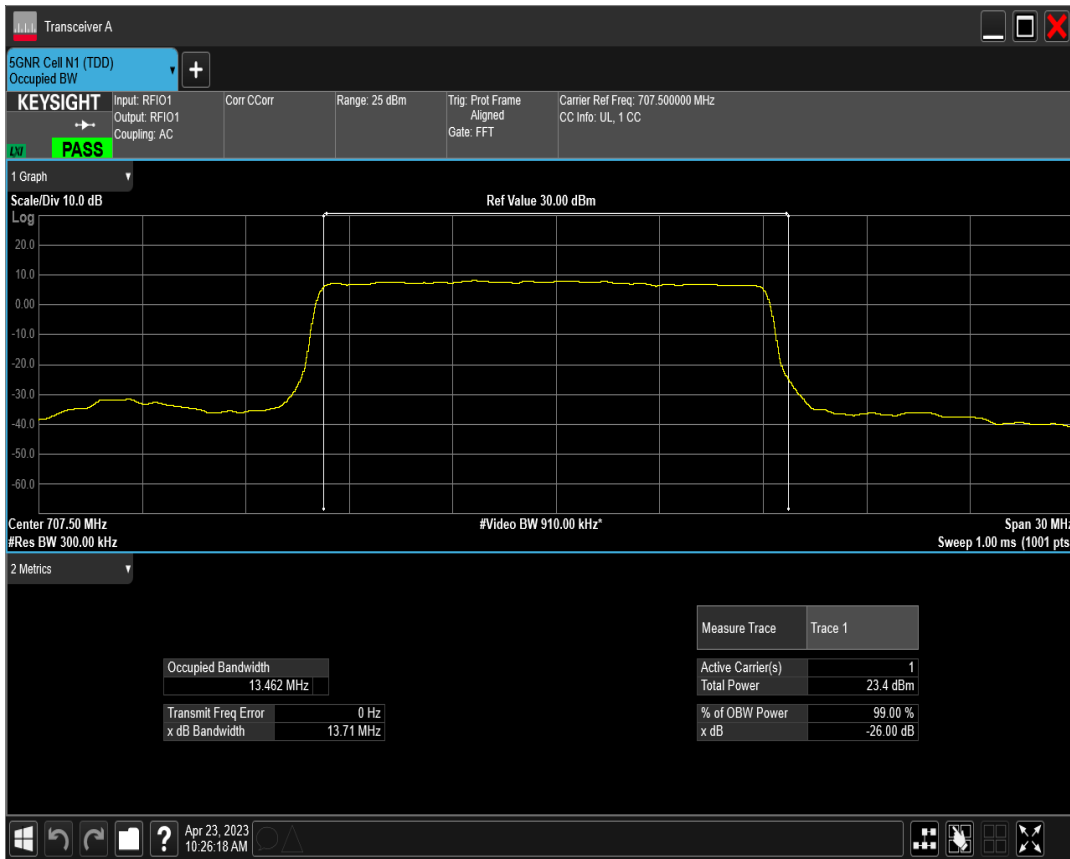


n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141300 RB=38@0

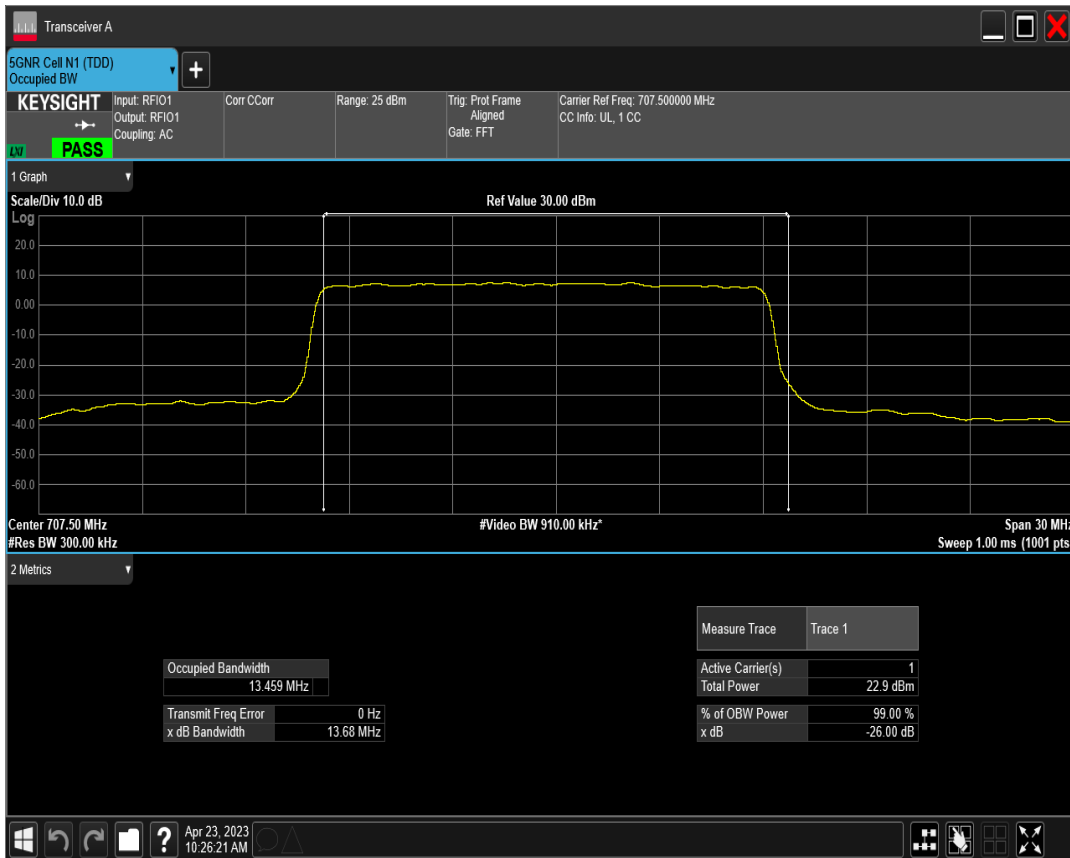




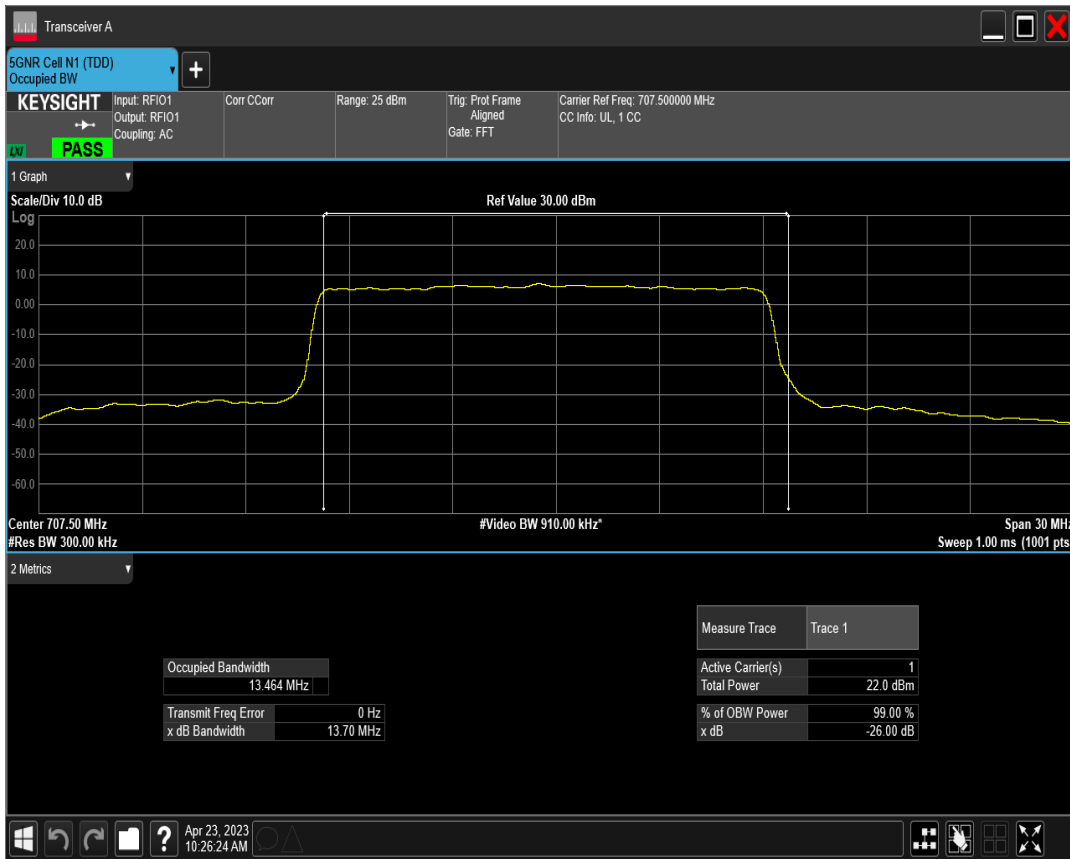
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141500 RB=36@0



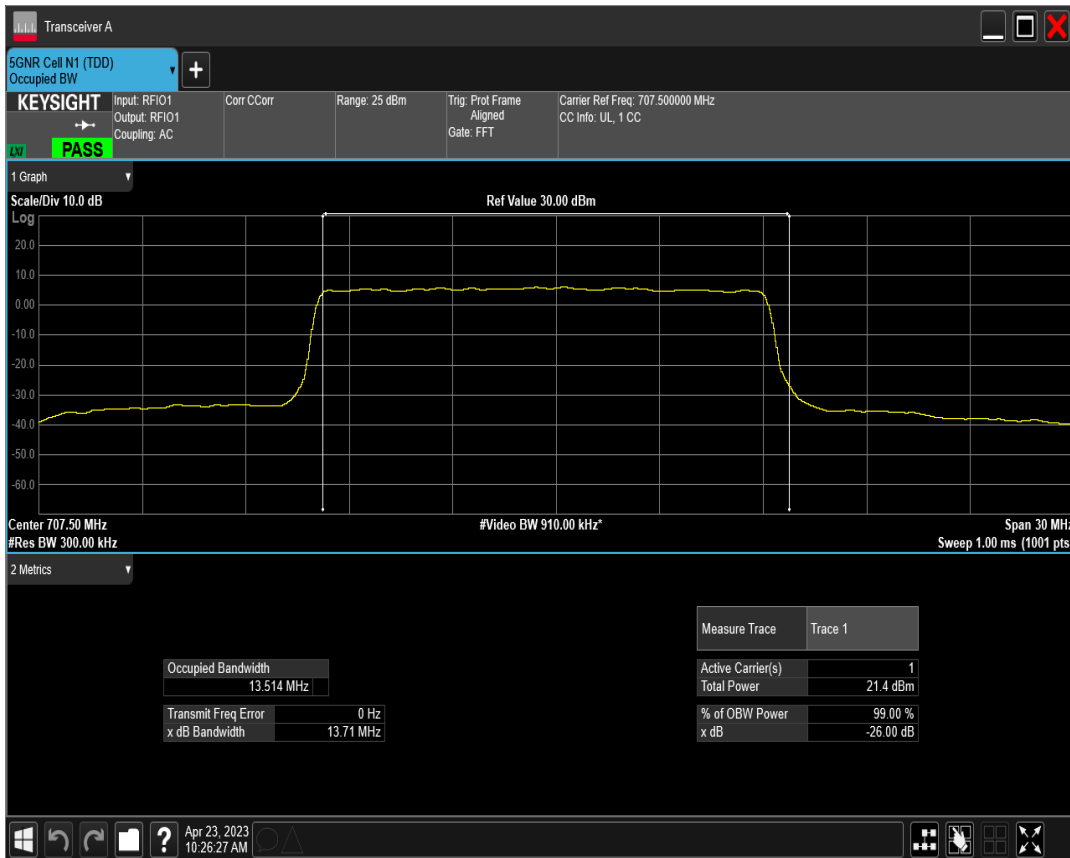
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141500 RB=36@0



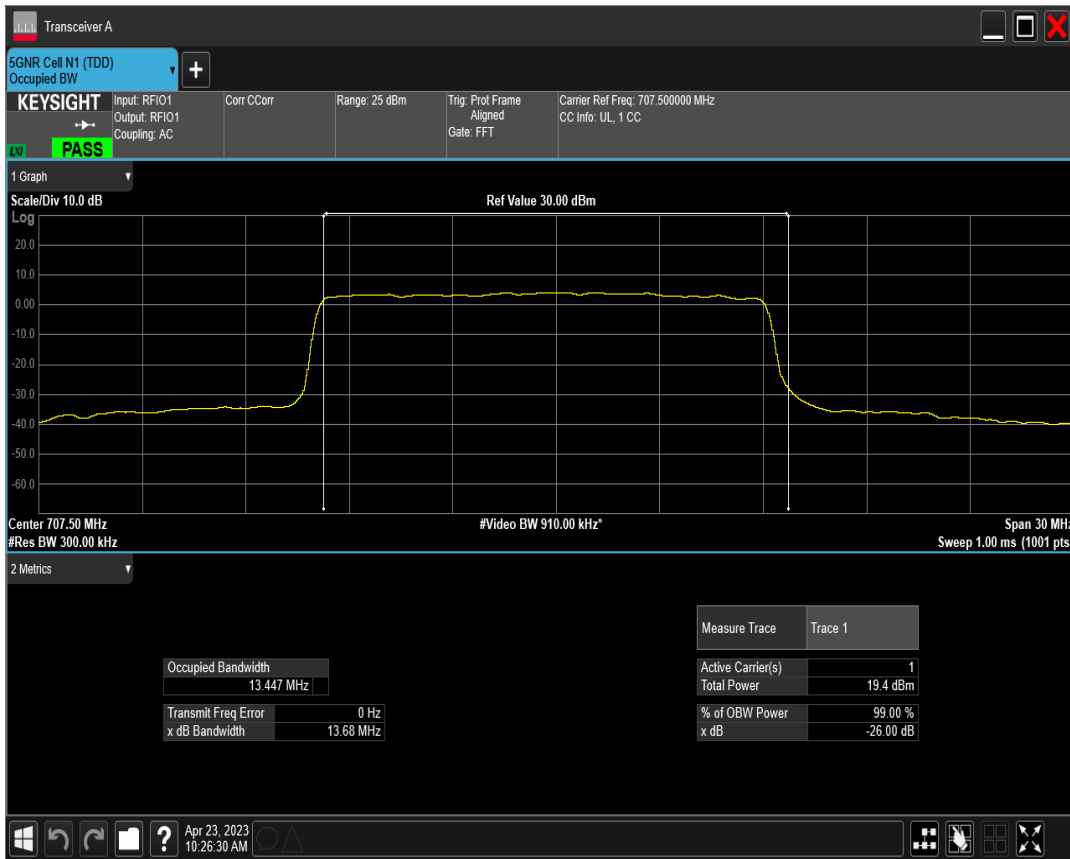
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141500 RB=36@0



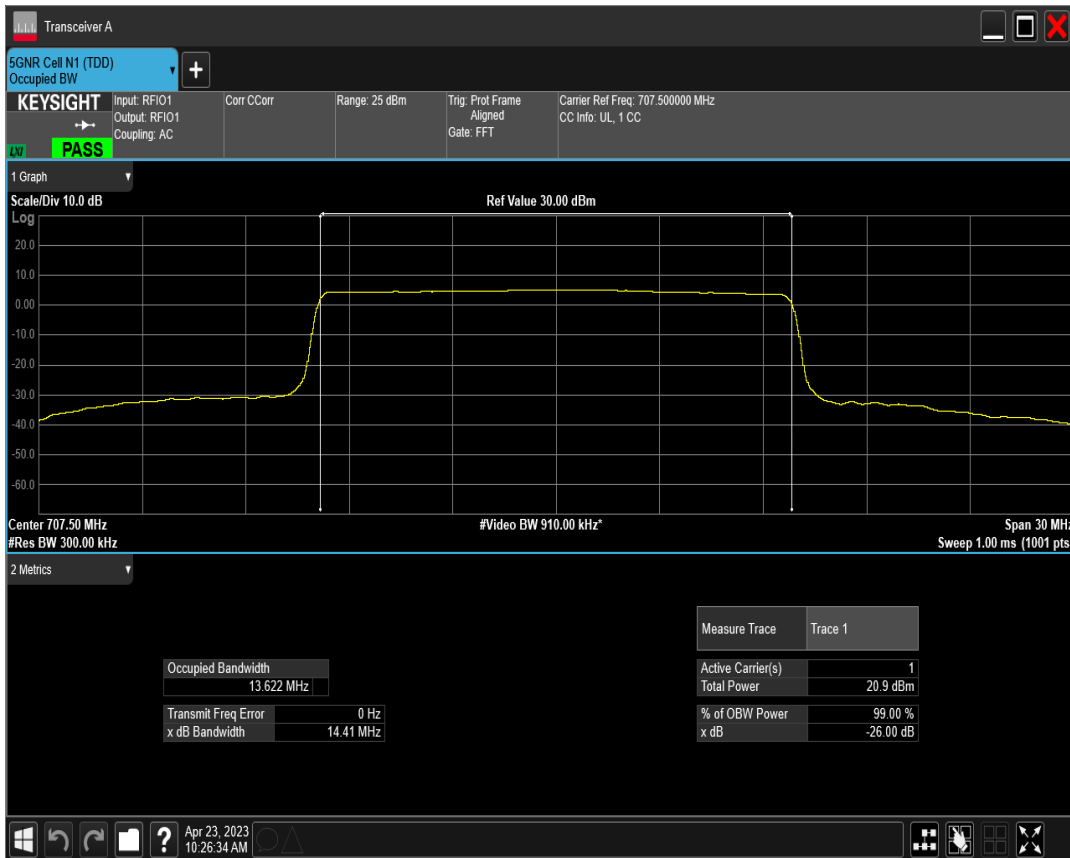
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141500 RB=36@0



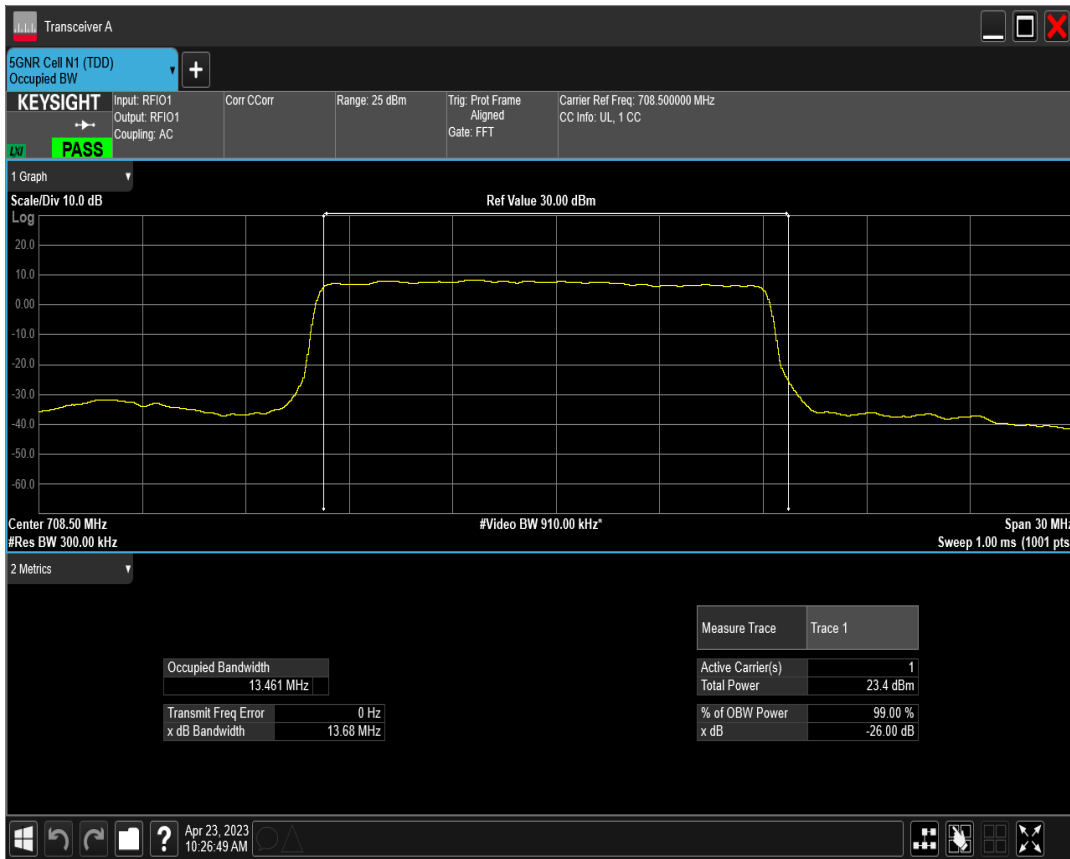
n12 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=141500 RB=36@0



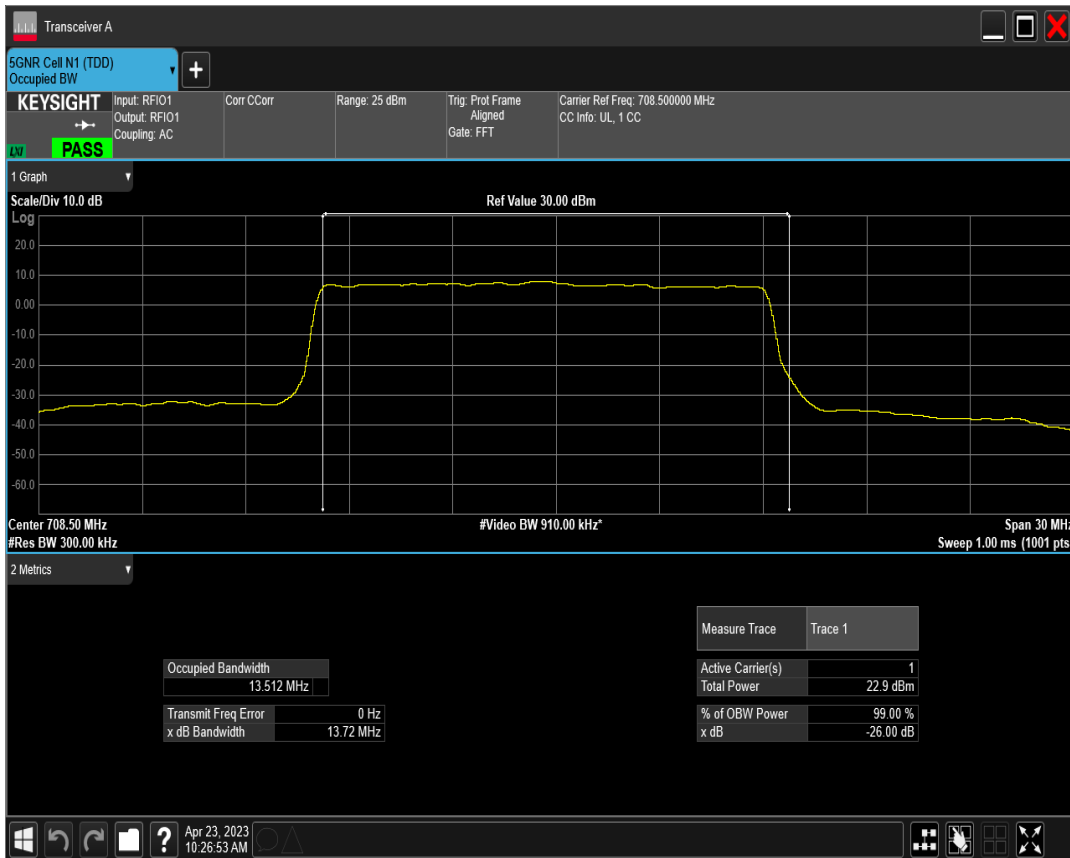
n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141500 RB=38@0



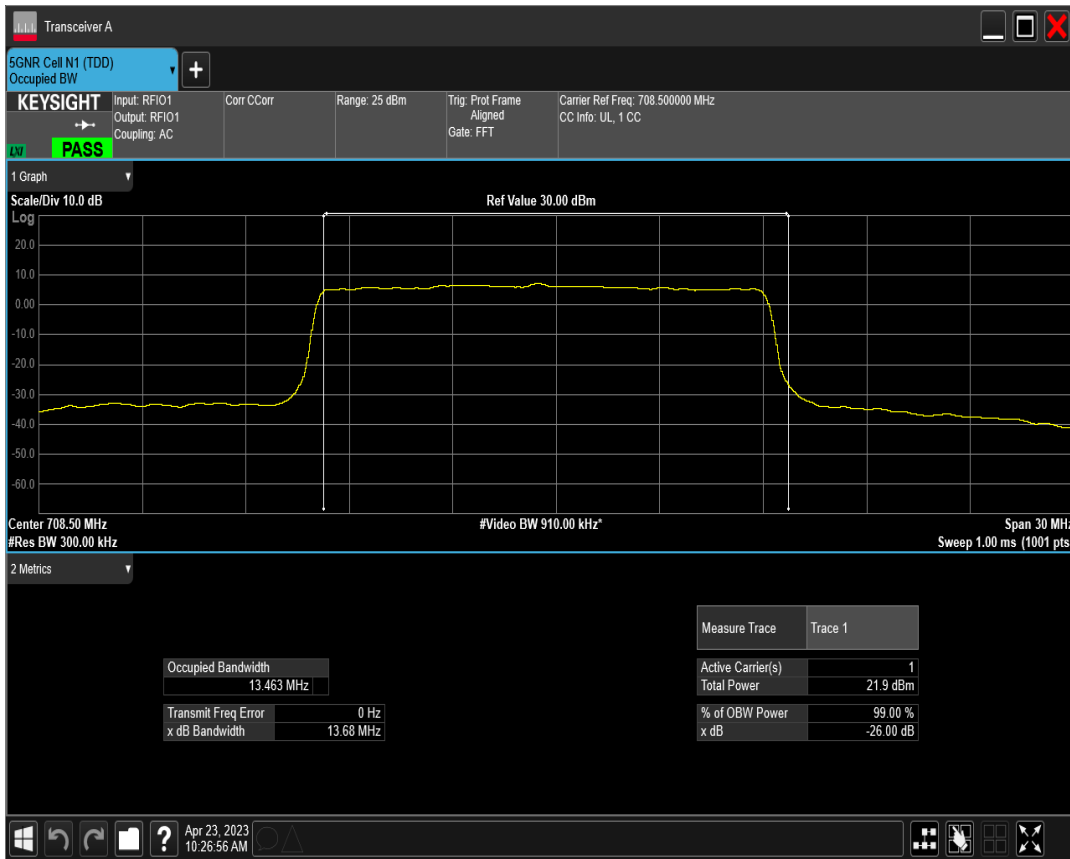
n12 SCS=30kHz DFT\_BPSK BW=15MHz Channel=141700 RB=36@0



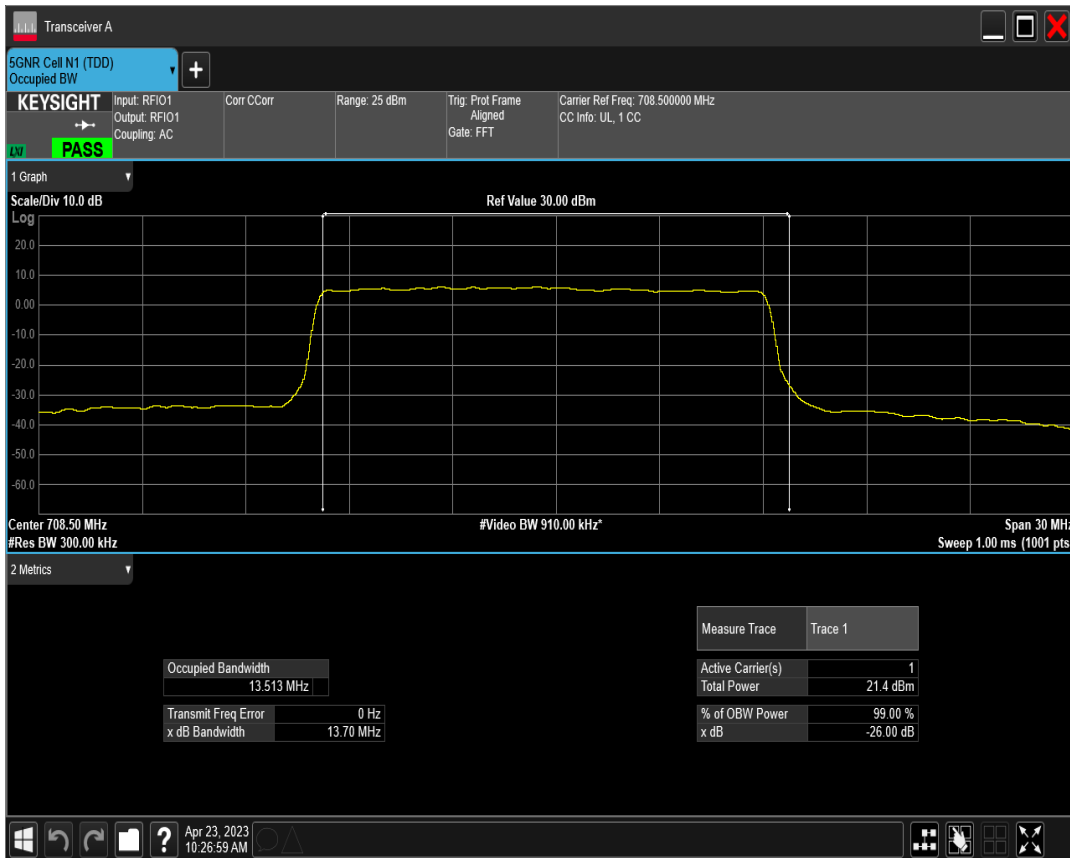
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=36@0



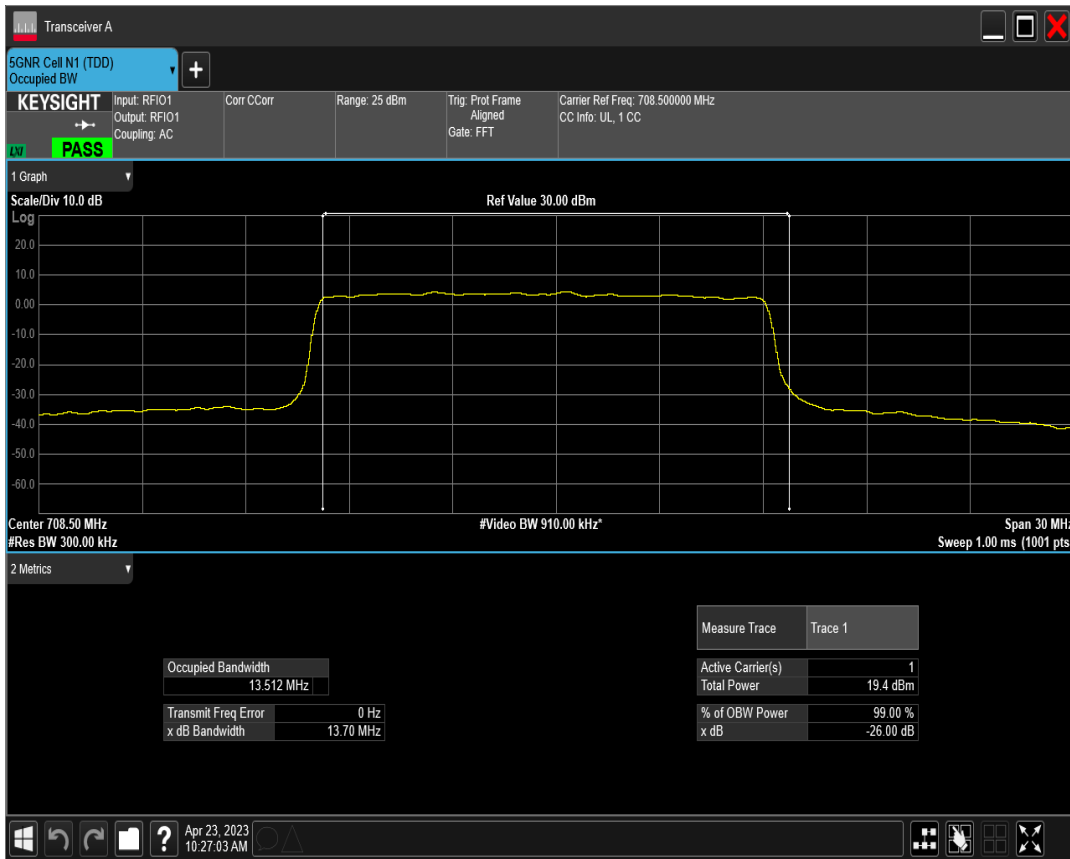
n12 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=141700 RB=36@0



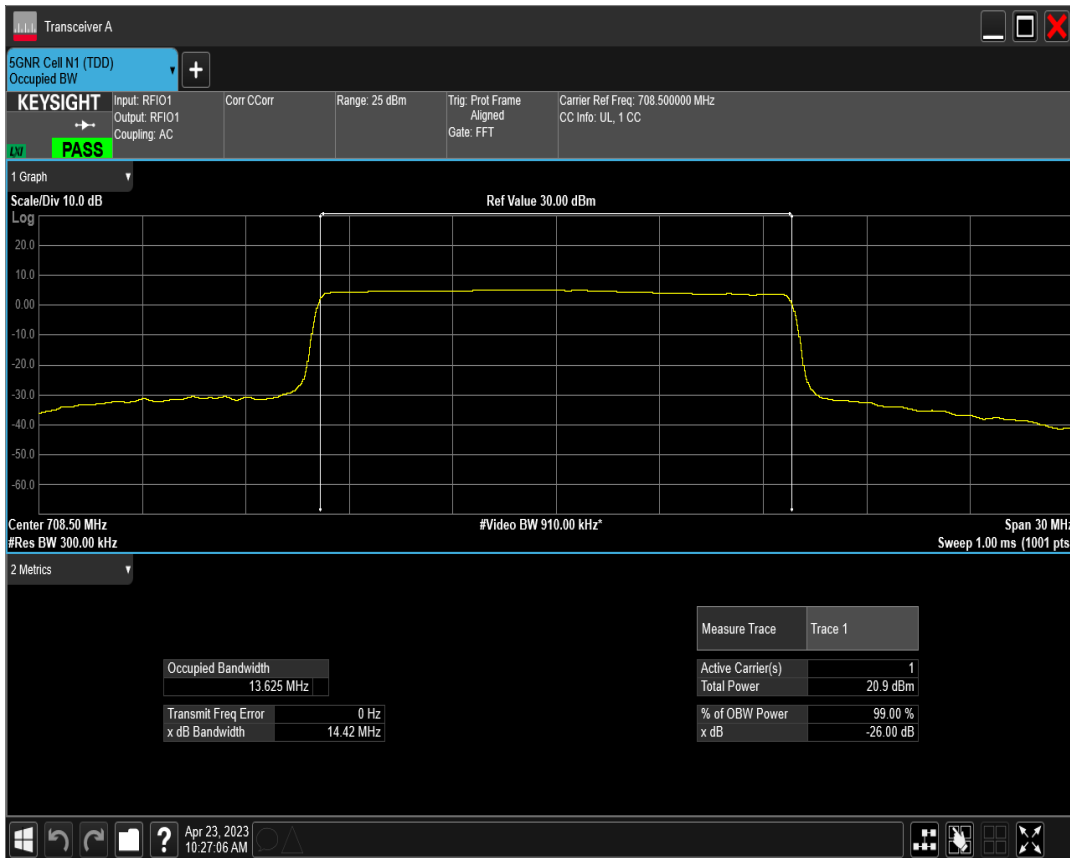
n12 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=141700 RB=36@0



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



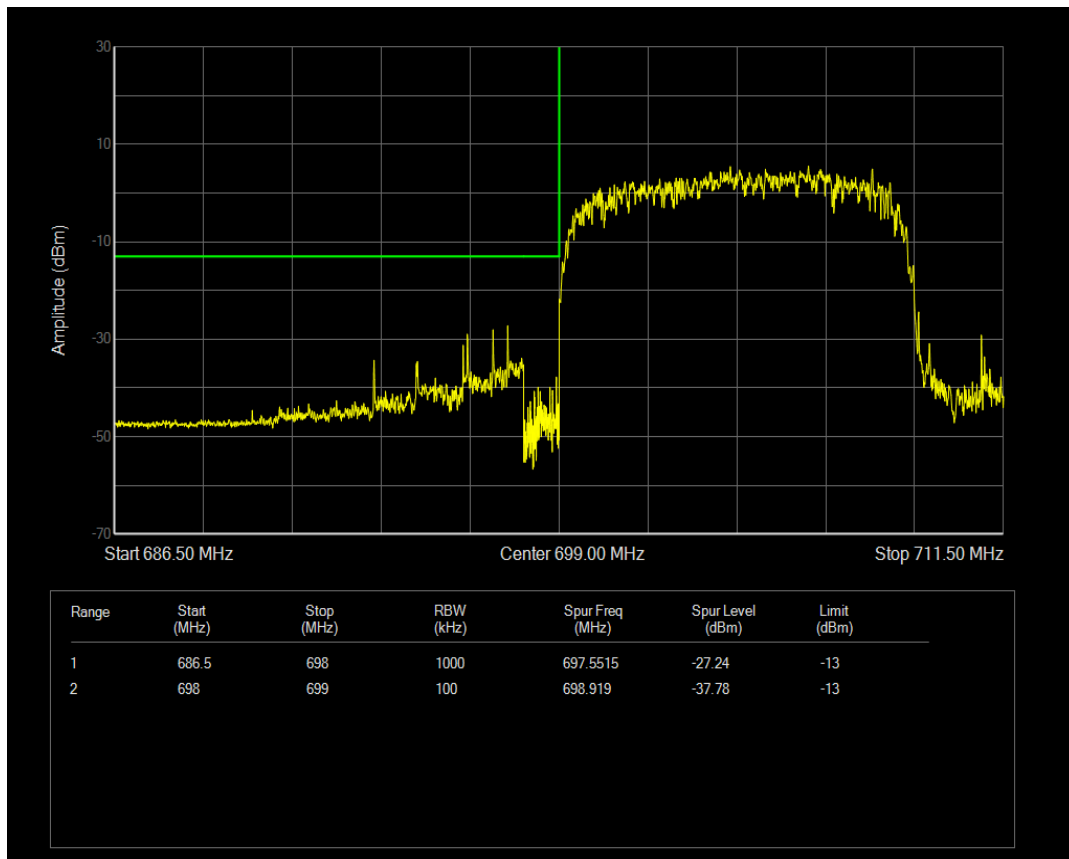
n12 SCS=30kHz CP\_QPSK BW=15MHz Channel=141700 RB=38@0



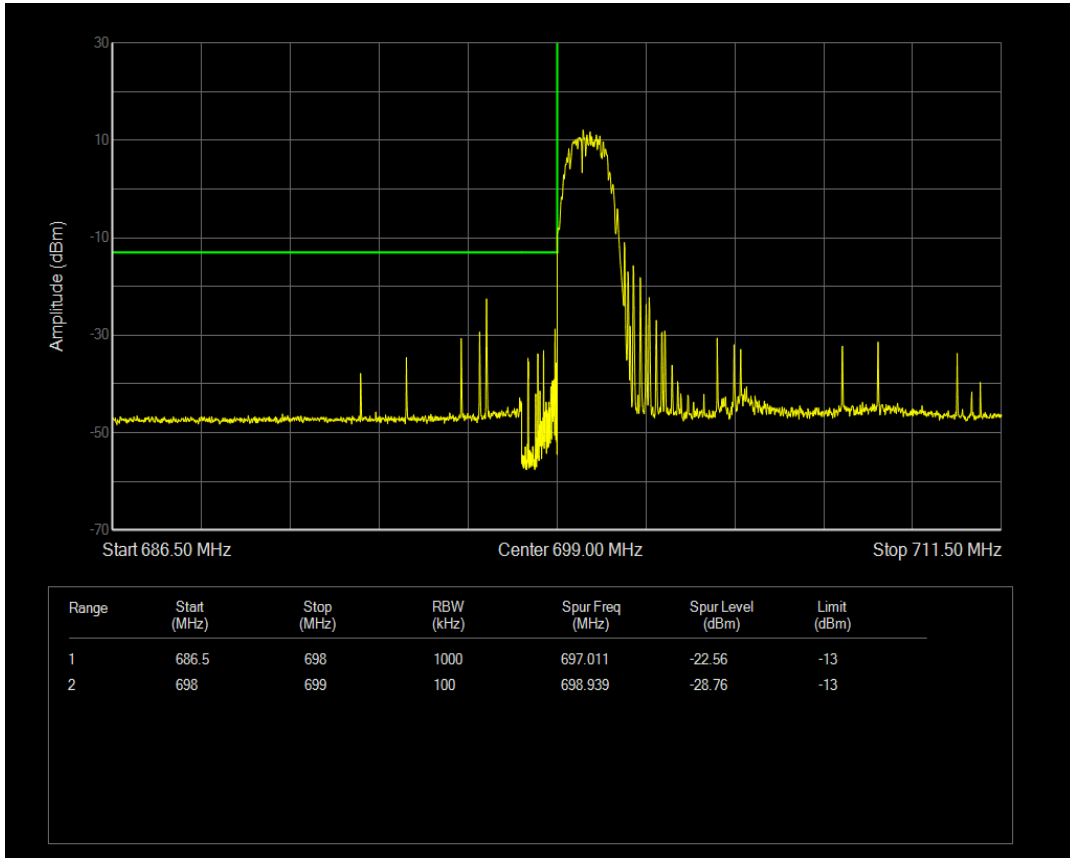
### 5 Band edge for NR FR1

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	697.55	-27.24	-13	PASS
n12	30	10	140800	1@0	DFT_QPSK	697.01	-22.56	-13	PASS
n12	30	10	142200	24@0	DFT_QPSK	717.82	-33.68	-13	PASS
n12	30	10	142200	1@23	DFT_QPSK	716.11	-28.68	-13	PASS
n12	30	15	141300	36@0	DFT_QPSK	693.94	-36.60	-13	PASS
n12	30	15	141300	1@0	DFT_QPSK	697.61	-22.45	-13	PASS
n12	30	15	141700	36@0	DFT_QPSK	721.01	-39.06	-13	PASS
n12	30	15	141700	1@37	DFT_QPSK	716.04	-26.26	-13	PASS

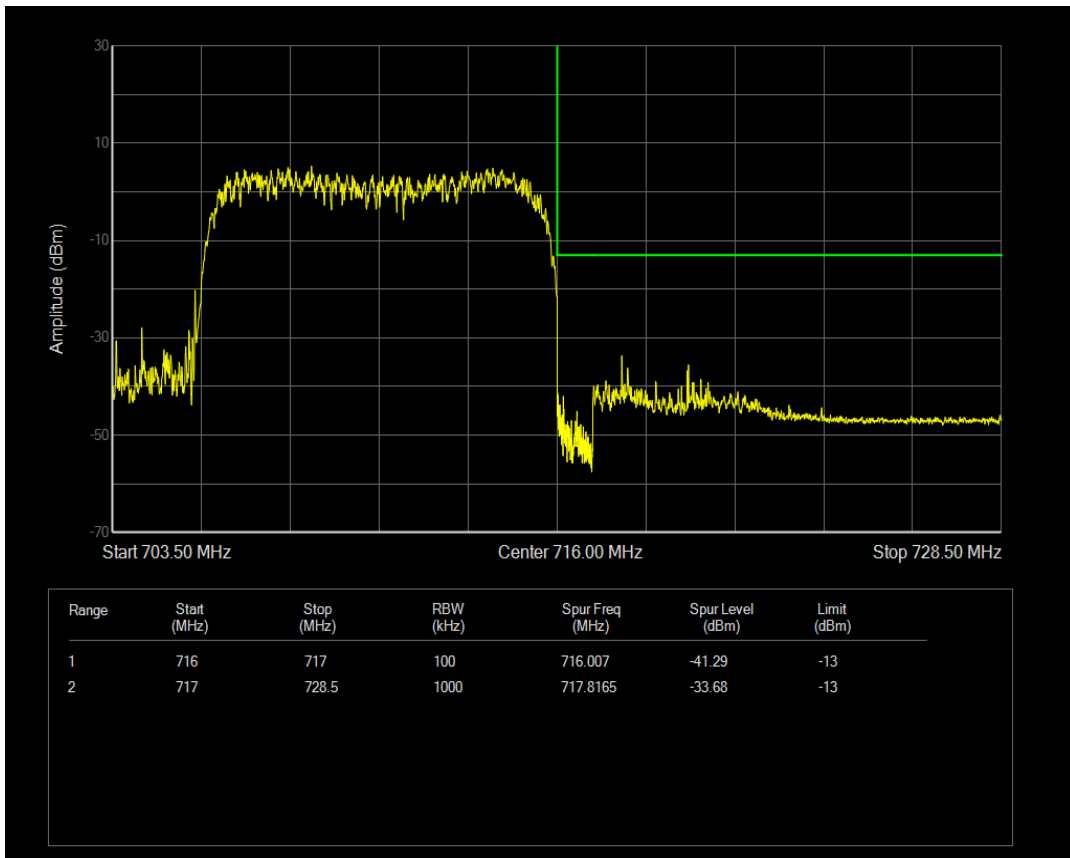
n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=140800 RB=24@0



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

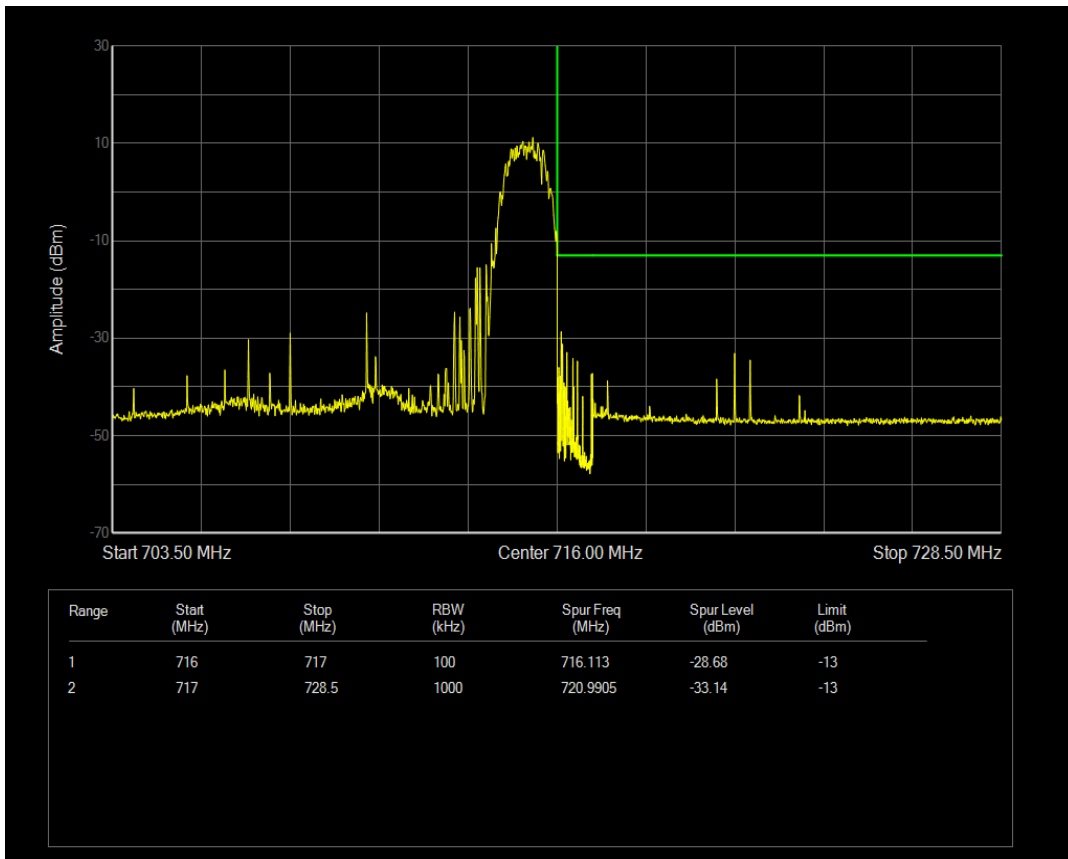


n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=24@0

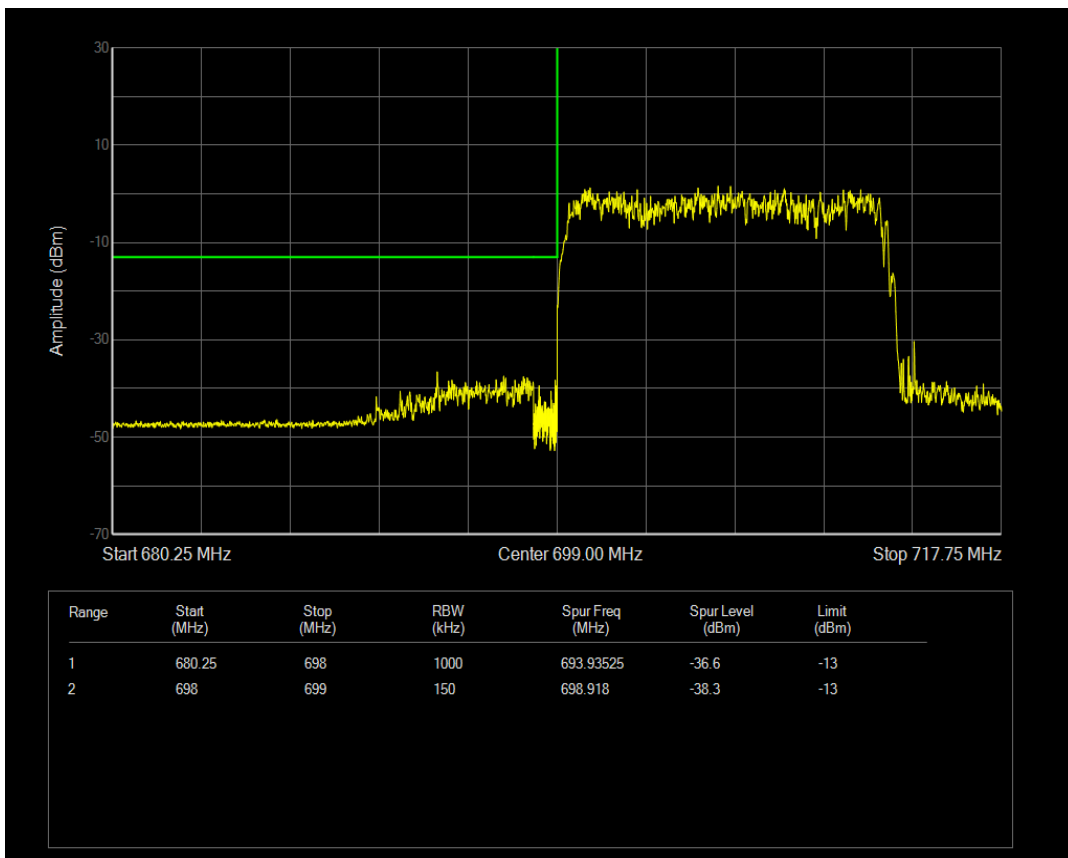


n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=1@23

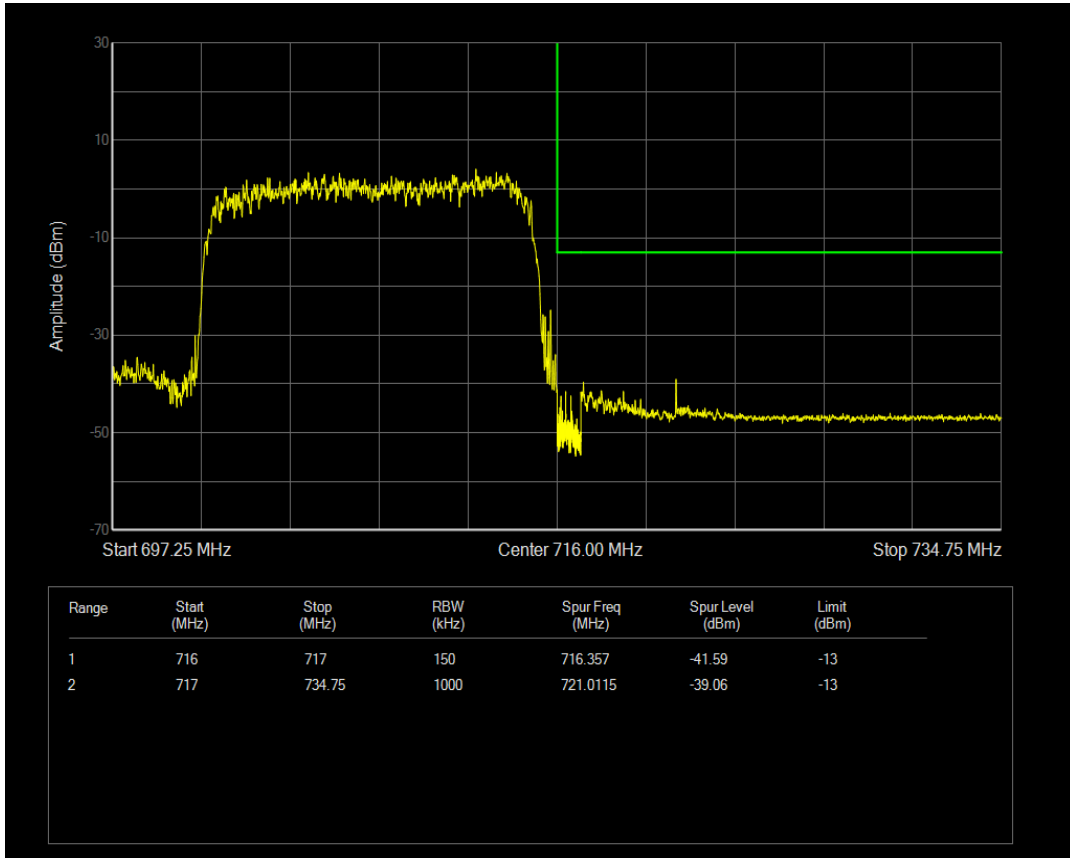




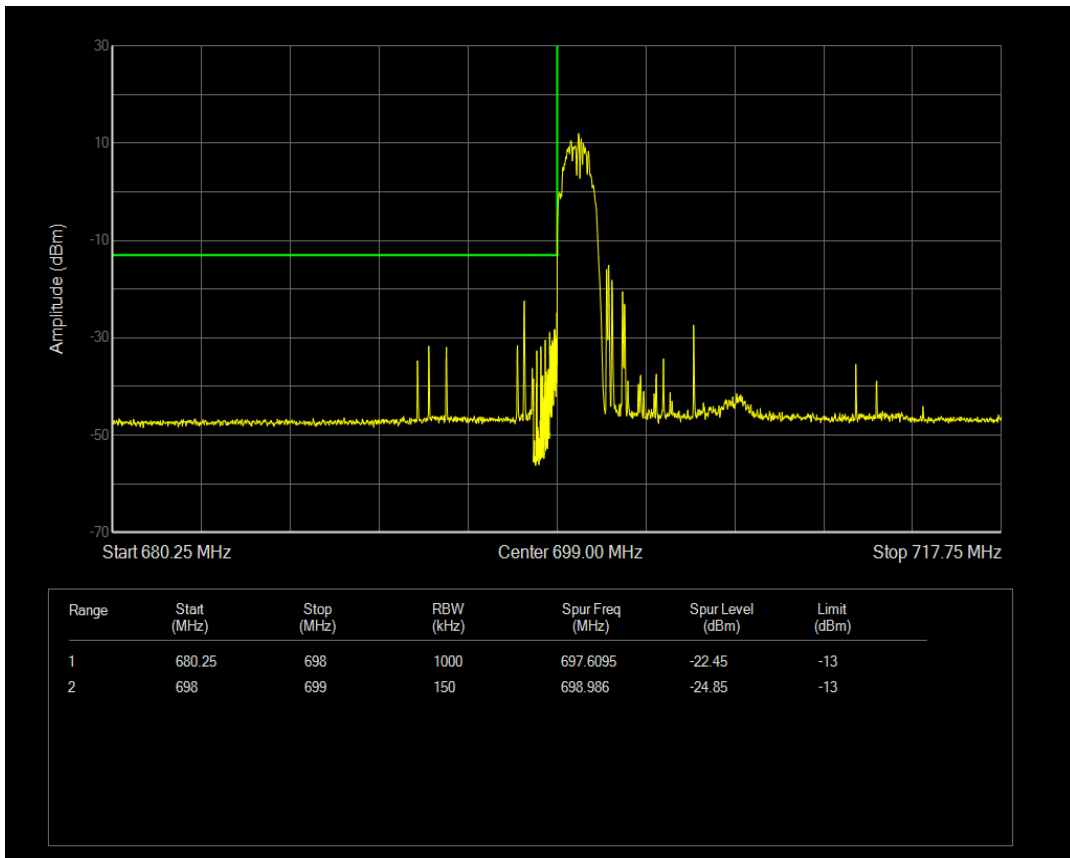
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141300 RB=36@0



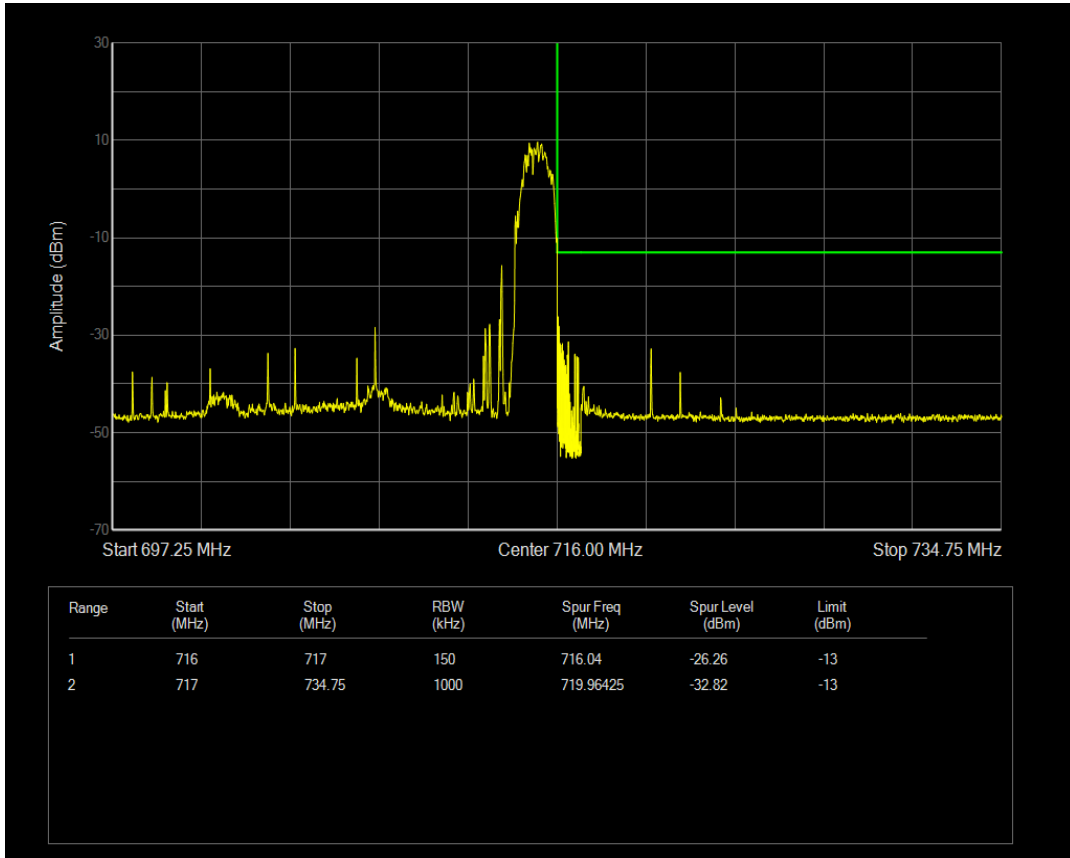
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=36@0



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



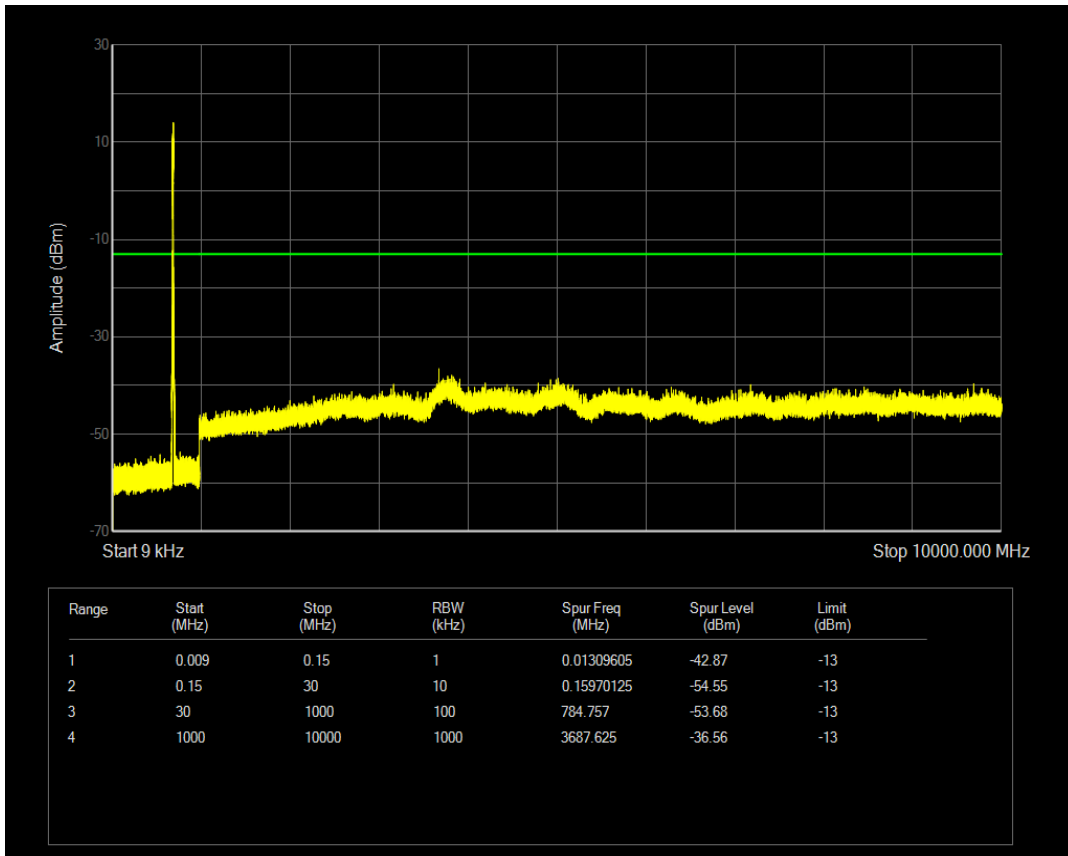
n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@37



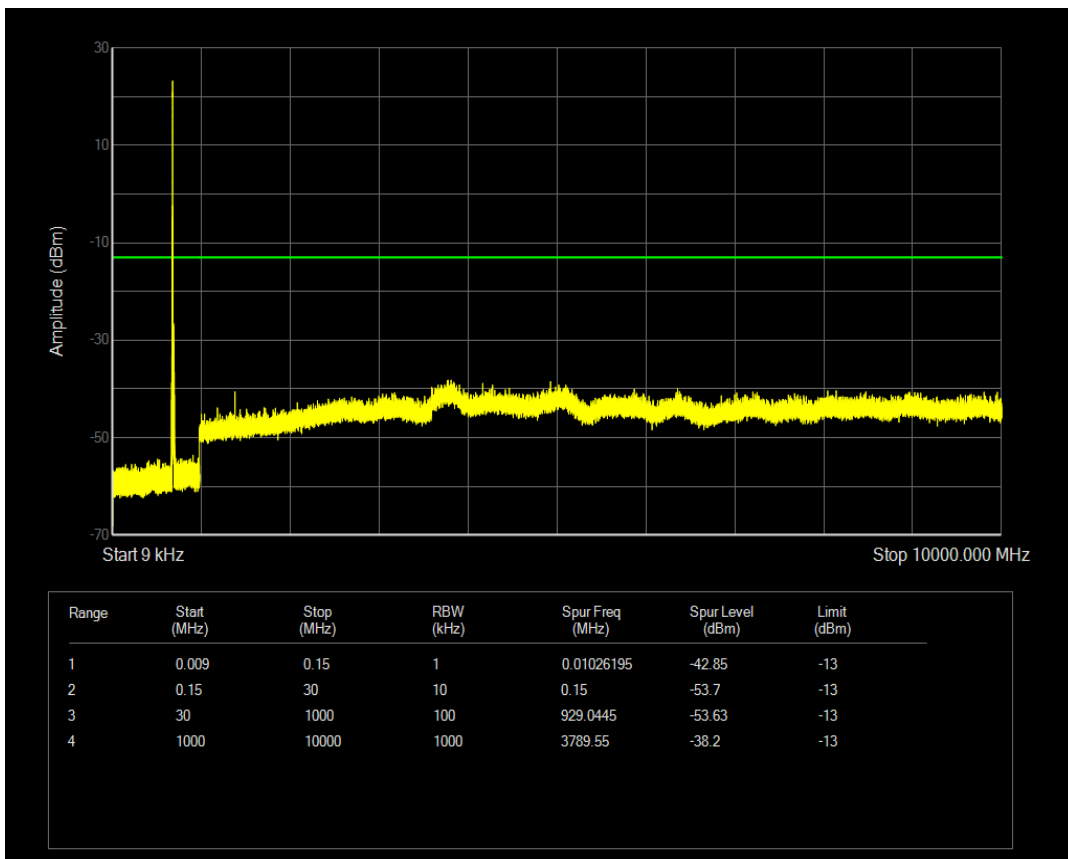
## 6 Out-of-band emissions for NR FR1

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	3687.63	-36.56	-13	PASS
n12	30	10	140800	1@0	DFT_QPSK	3789.55	-38.20	-13	PASS
n12	30	10	140800	1@23	DFT_QPSK	2124.33	-36.71	-13	PASS
n12	30	10	141500	24@0	DFT_QPSK	3787.53	-37.54	-13	PASS
n12	30	10	141500	1@0	DFT_QPSK	3682.23	-37.45	-13	PASS
n12	30	10	141500	1@23	DFT_QPSK	3816.33	-37.78	-13	PASS
n12	30	10	142200	24@0	DFT_QPSK	4877.88	-38.55	-13	PASS
n12	30	10	142200	1@0	DFT_QPSK	3850.75	-38.06	-13	PASS
n12	30	10	142200	1@23	DFT_QPSK	3758.05	-38.07	-13	PASS
n12	30	15	141300	36@0	DFT_QPSK	3783.03	-38.35	-13	PASS
n12	30	15	141300	1@0	DFT_QPSK	3758.50	-38.25	-13	PASS
n12	30	15	141300	1@37	DFT_QPSK	3775.38	-38.80	-13	PASS
n12	30	15	141500	36@0	DFT_QPSK	3849.63	-38.10	-13	PASS
n12	30	15	141500	1@0	DFT_QPSK	3775.38	-37.57	-13	PASS
n12	30	15	141500	1@37	DFT_QPSK	3779.65	-36.94	-13	PASS
n12	30	15	141700	36@0	DFT_QPSK	3806.43	-37.72	-13	PASS
n12	30	15	141700	1@0	DFT_QPSK	3880.90	-37.95	-13	PASS
n12	30	15	141700	1@37	DFT_QPSK	5034.48	-38.44	-13	PASS

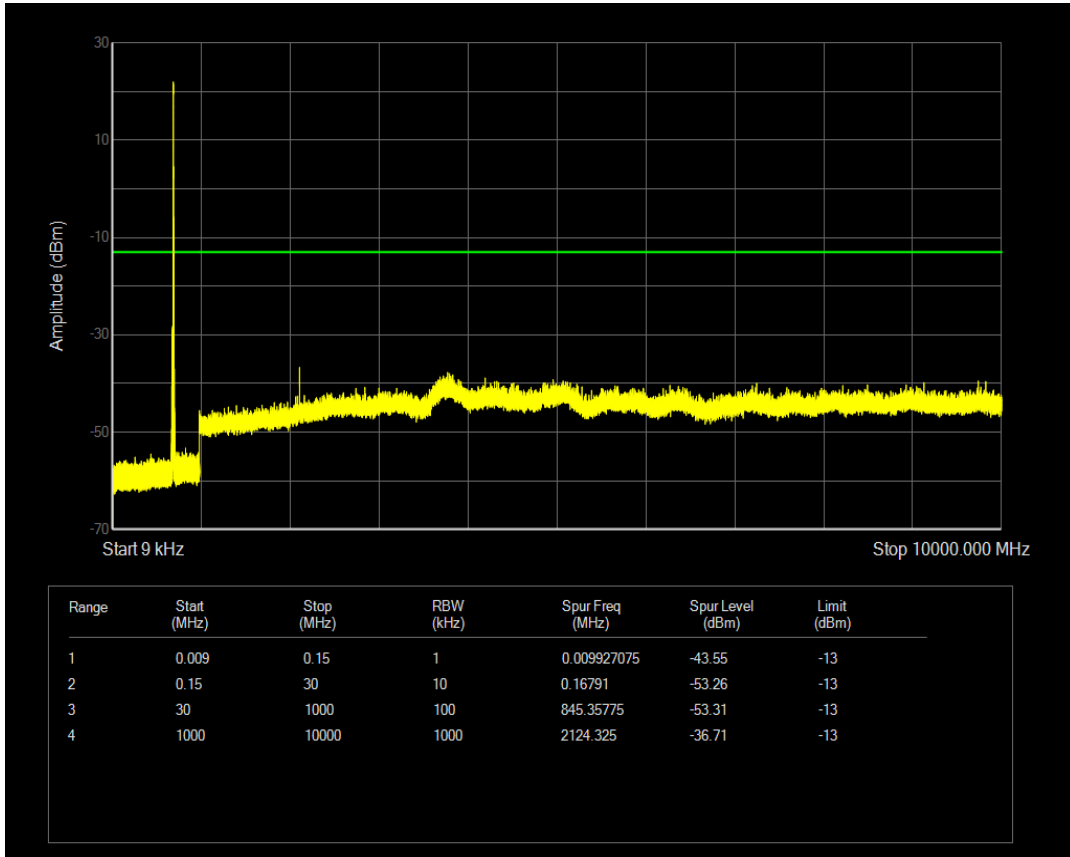
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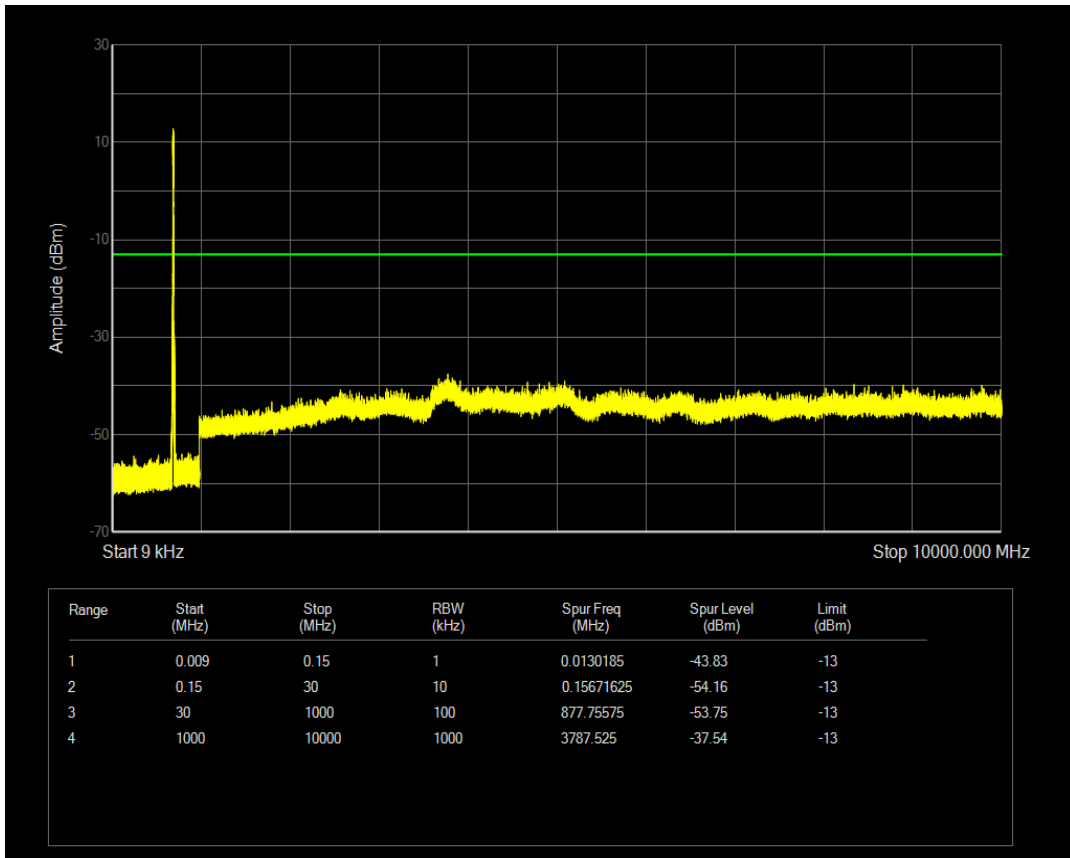
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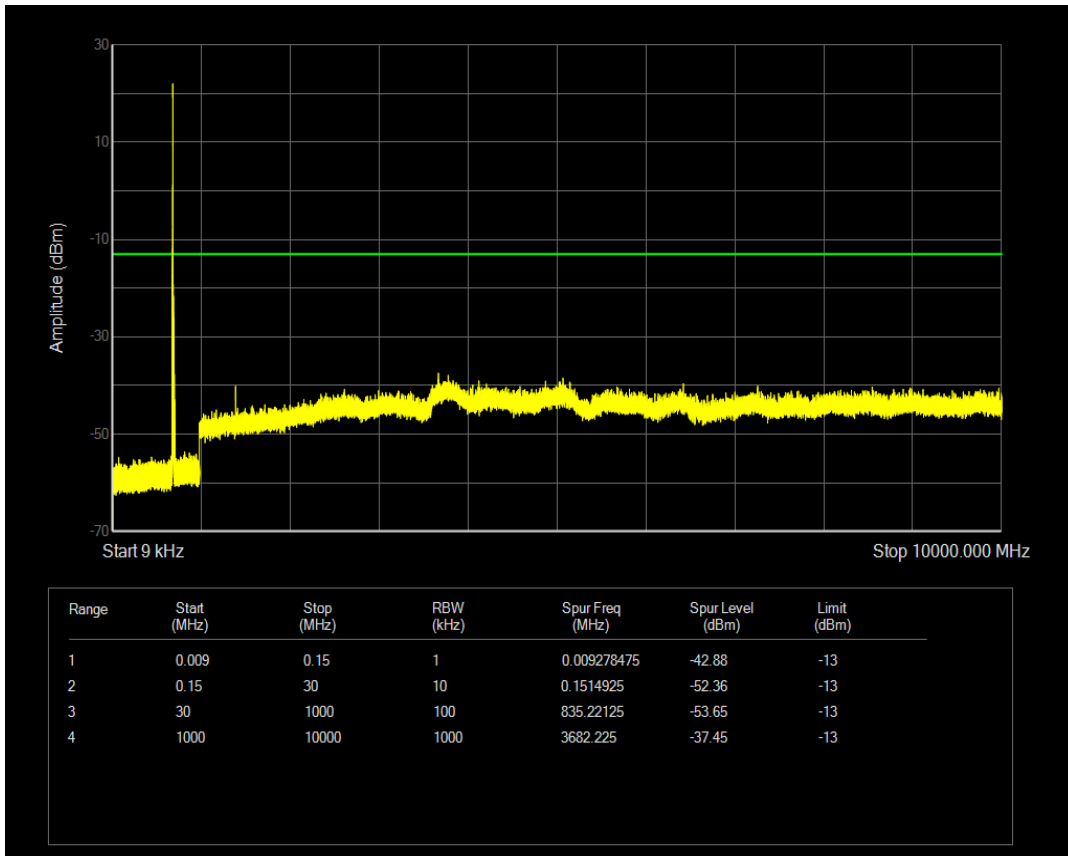
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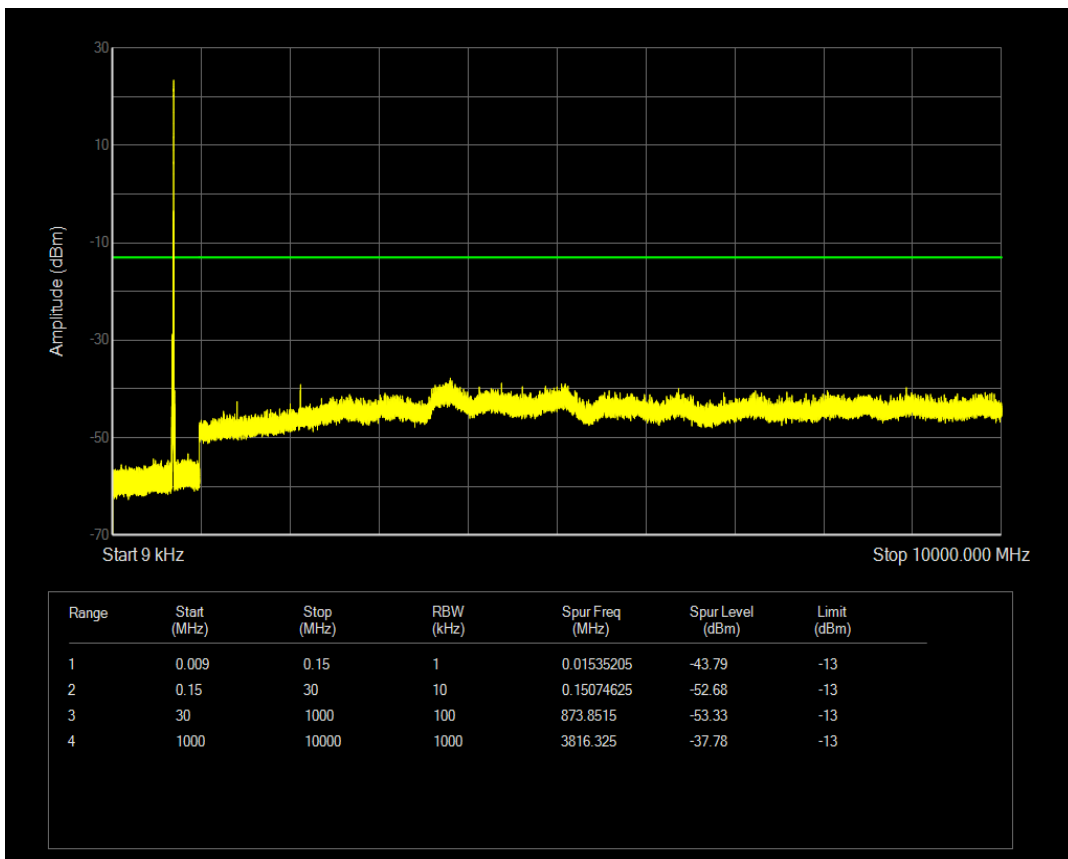
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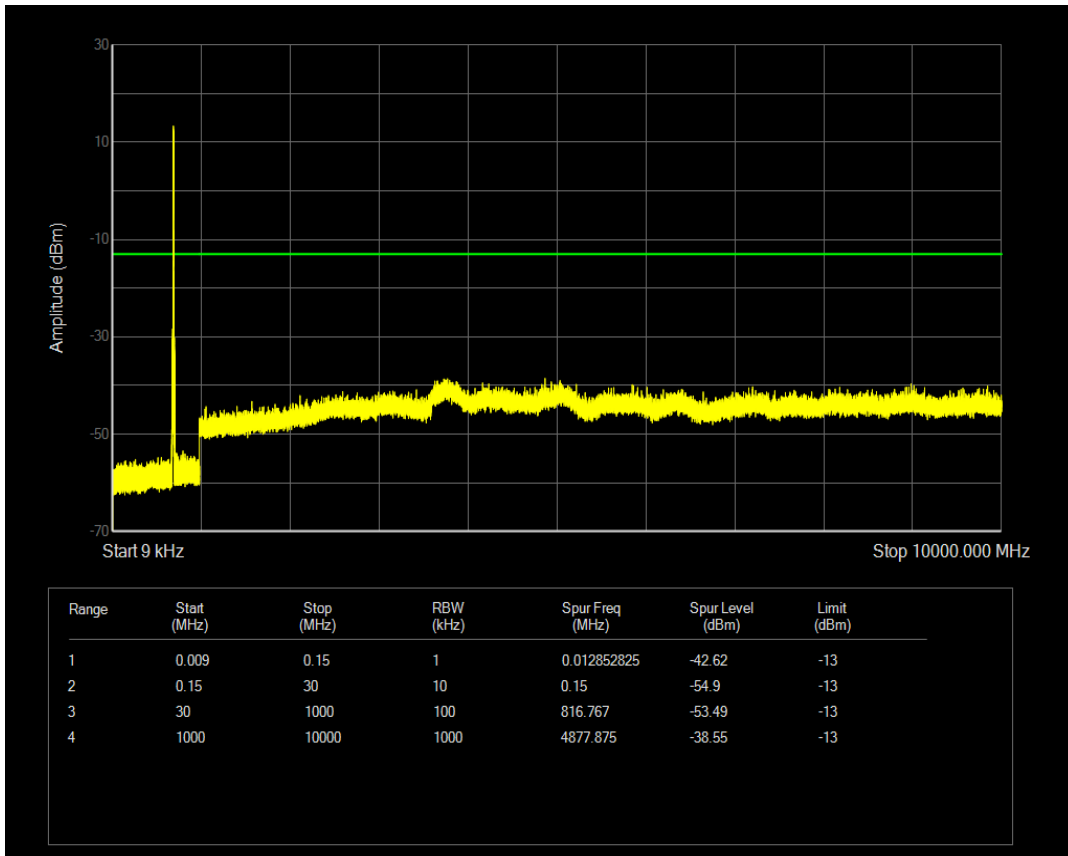
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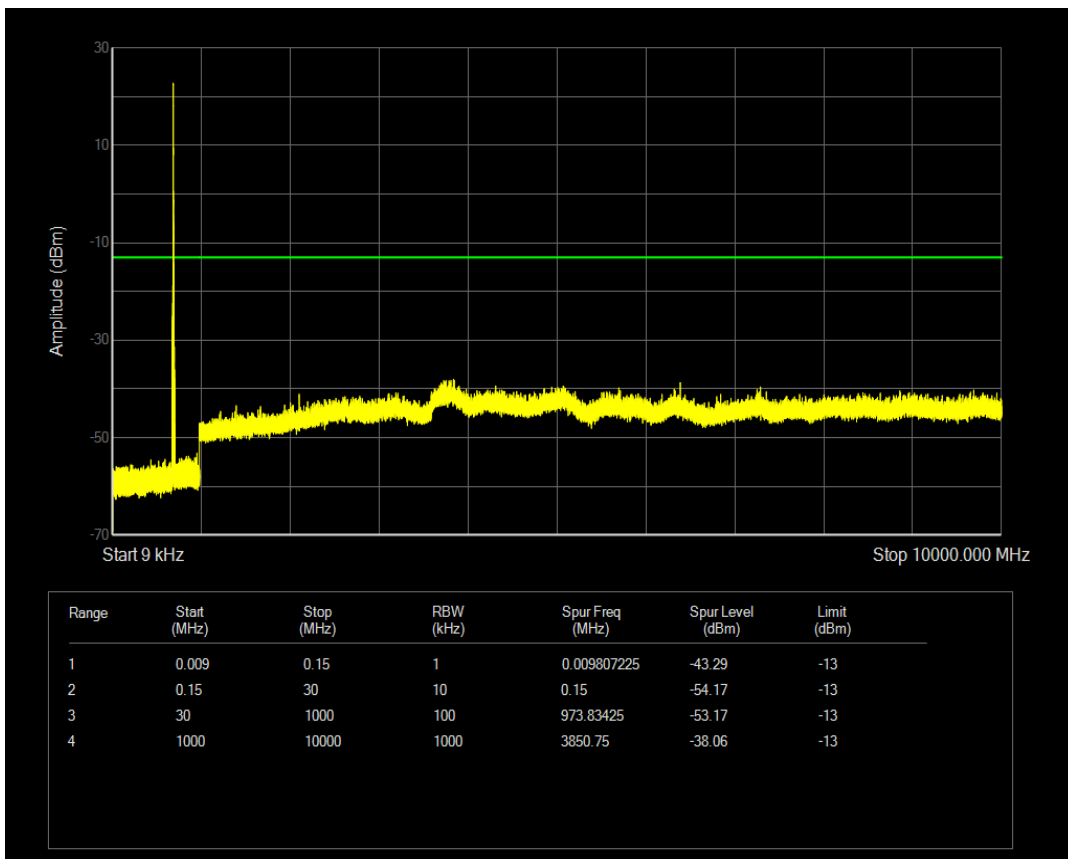
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n12 SCS=30kHz DFT\_QPSK BW=10MHz Channel=142200 RB=24@0

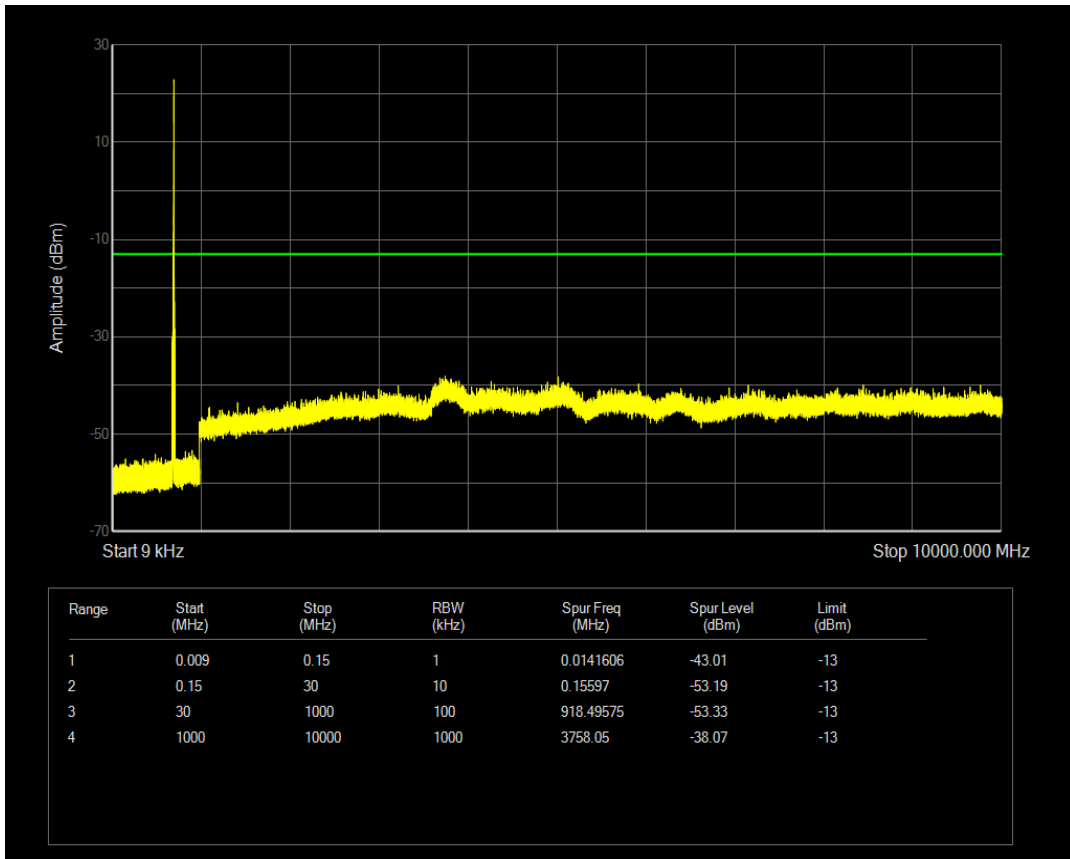


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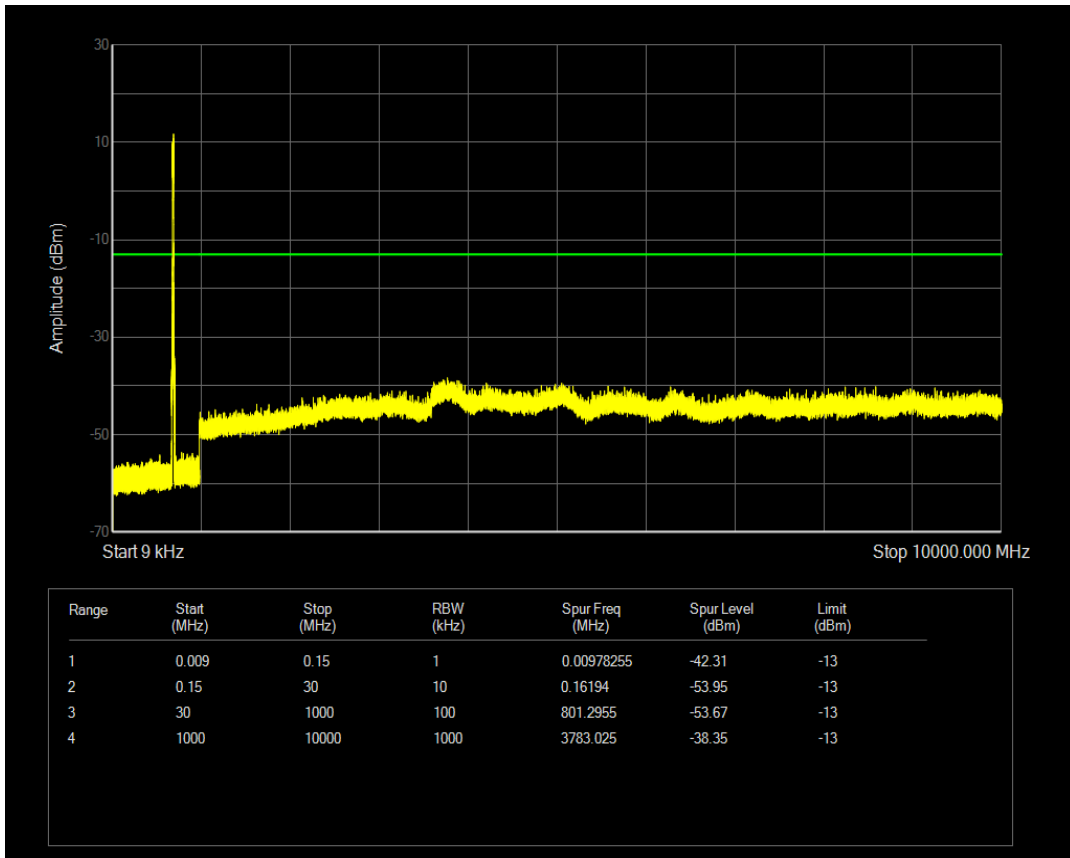




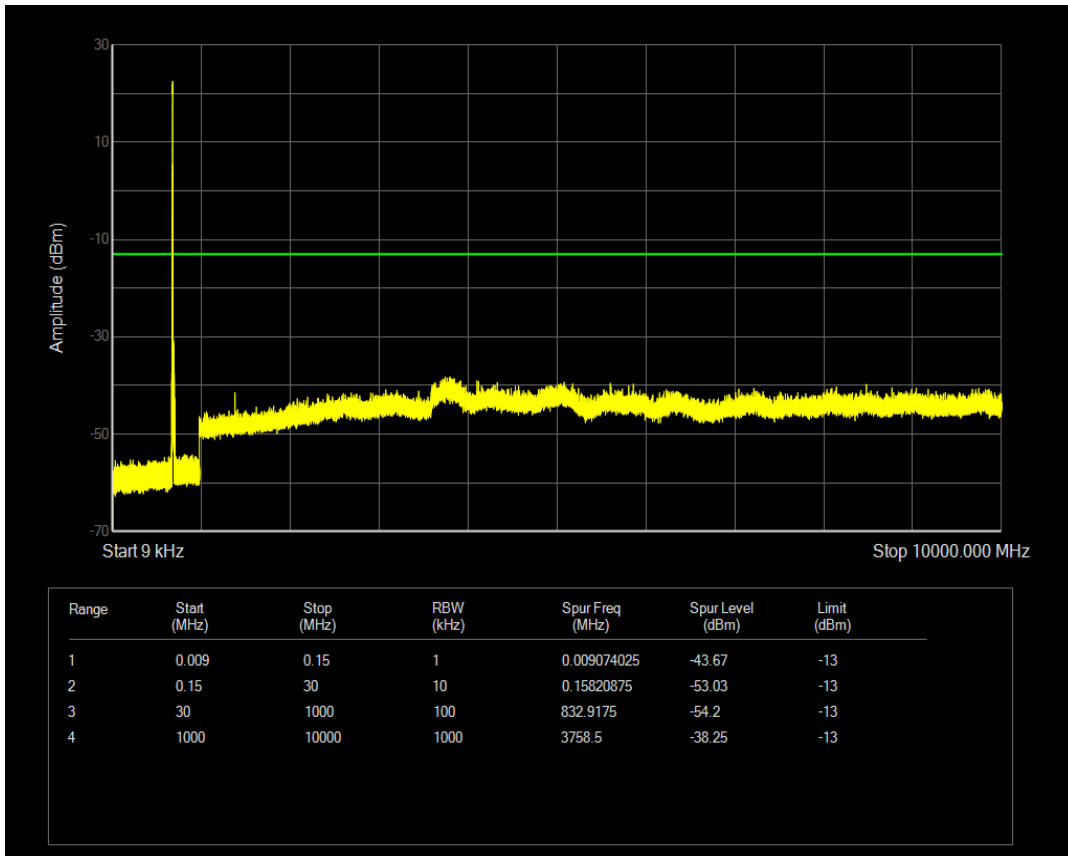
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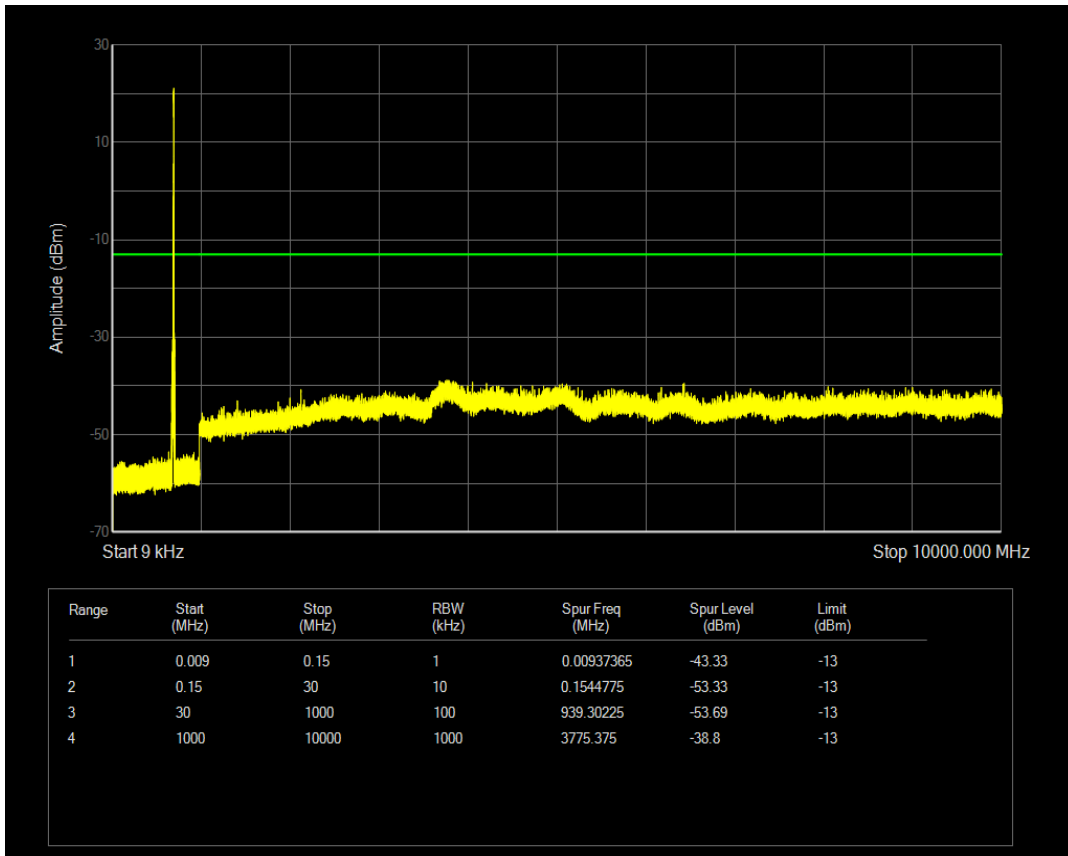
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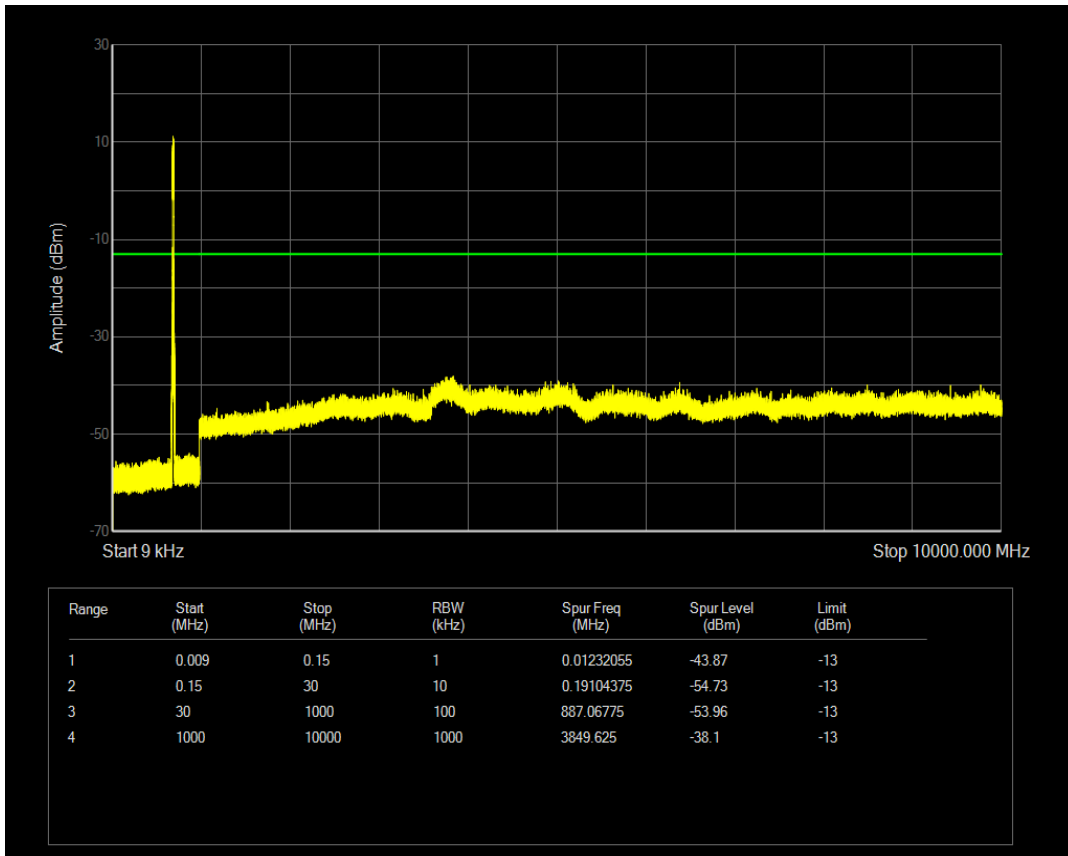
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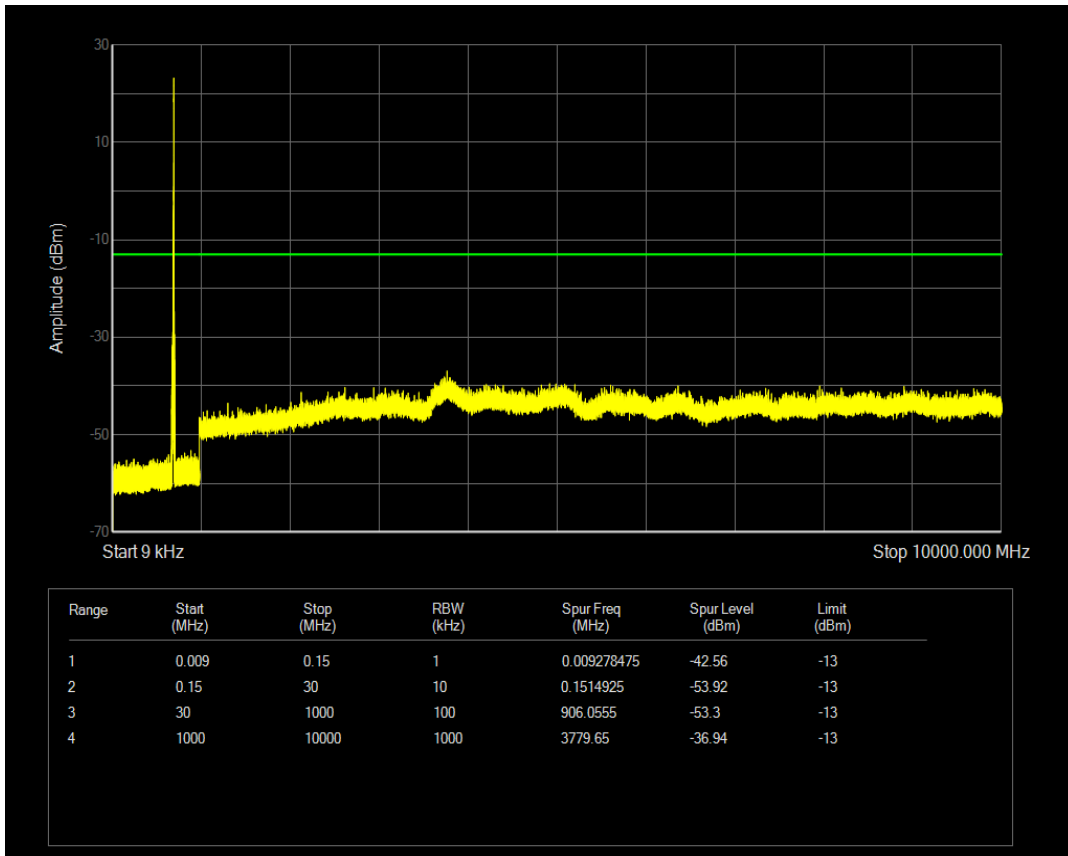
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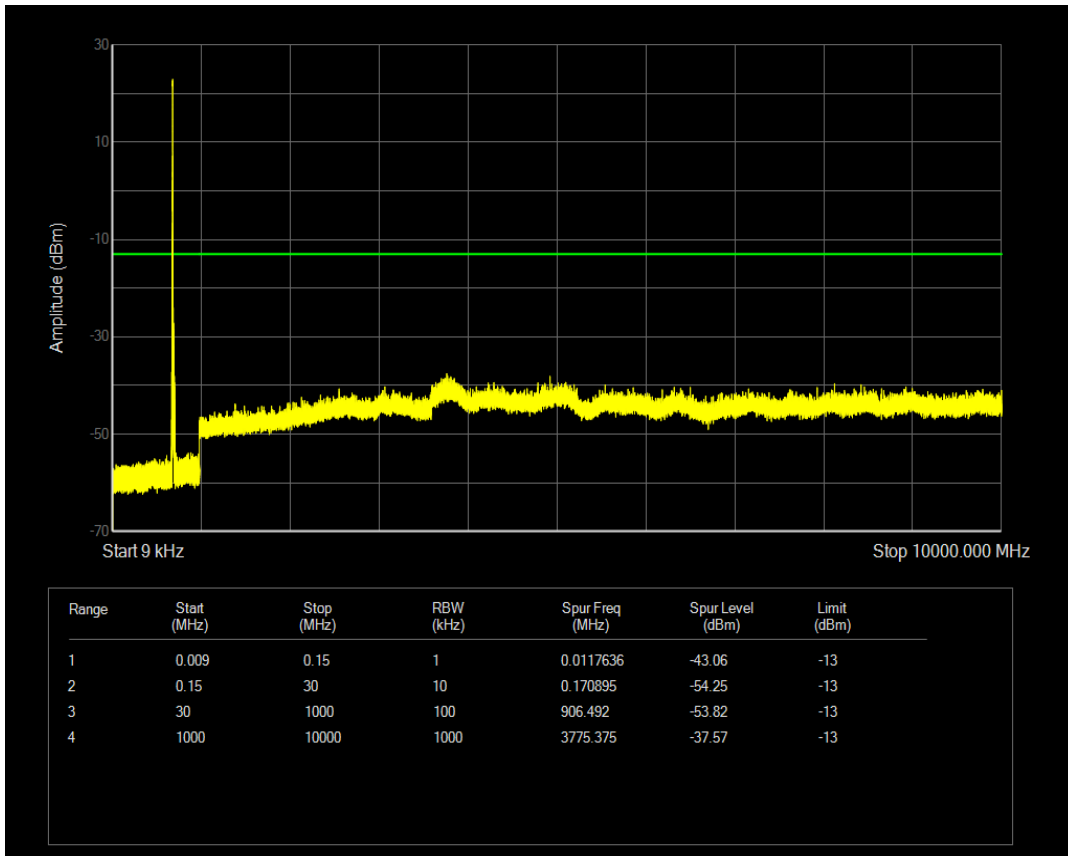
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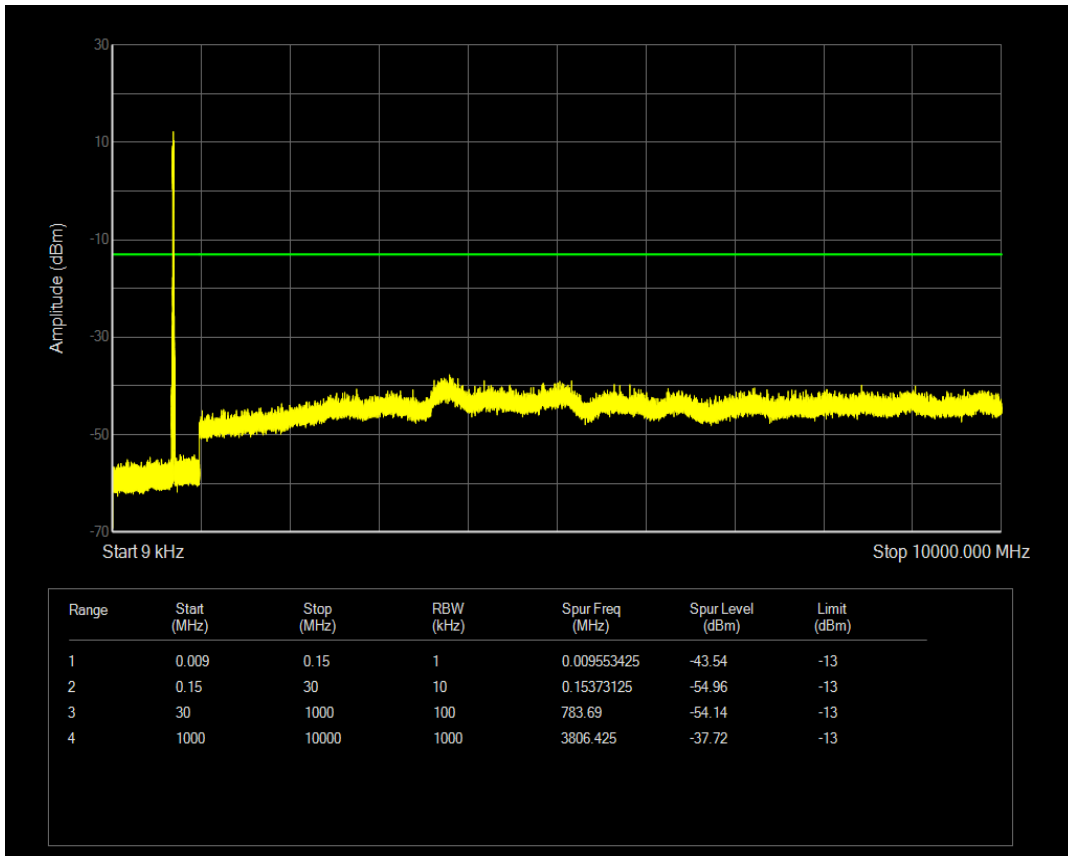
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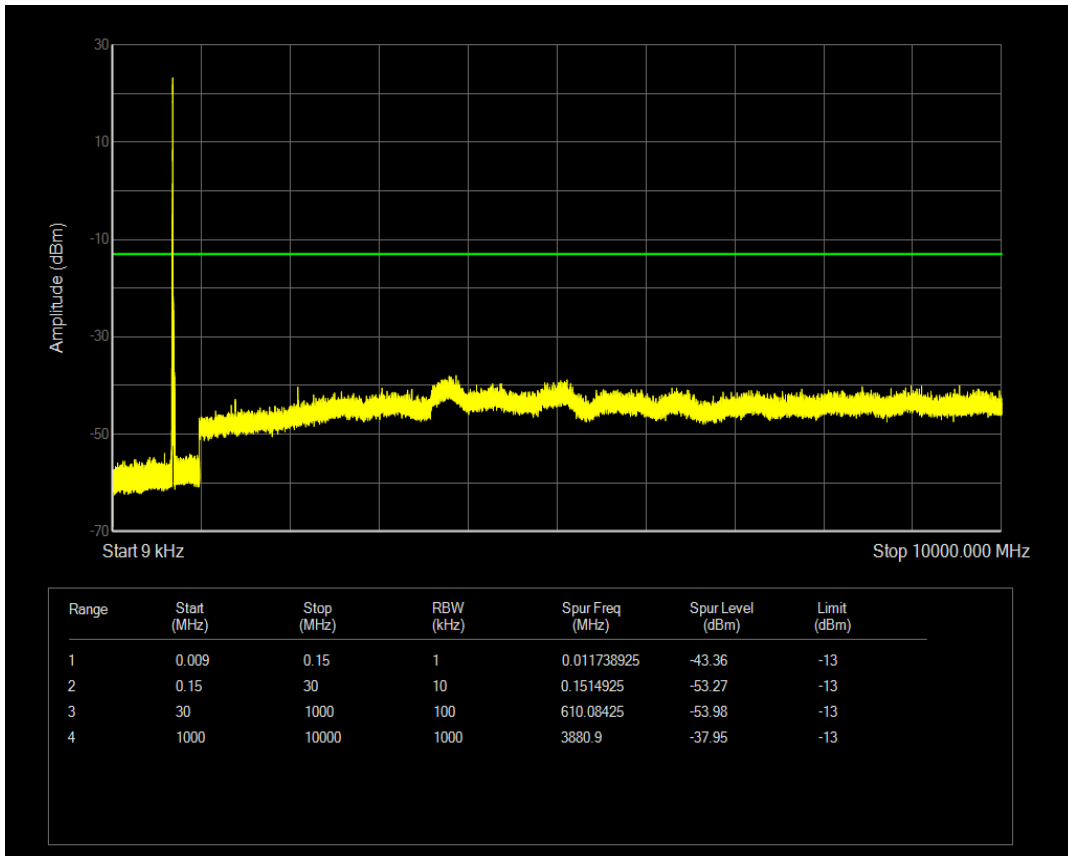
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n12 SCS=30kHz DFT\_QPSK BW=15MHz Channel=141700 RB=36@0



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



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

