

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
n12	15	5	140300	12@6	DFT_BPSK	22.51	18.46	37	PASS
n12	15	5	140300	1@1	DFT_BPSK	22.56	18.51	37	PASS
n12	15	5	140300	1@23	DFT_BPSK	22.66	18.61	37	PASS
n12	15	5	140300	12@6	DFT_QPSK	22.53	18.48	37	PASS
n12	15	5	140300	1@1	DFT_QPSK	22.41	18.36	37	PASS
n12	15	5	140300	1@23	DFT_QPSK	22.55	18.5	37	PASS
n12	15	5	140300	12@6	DFT_QAM16	21.53	17.48	37	PASS
n12	15	5	140300	1@1	DFT_QAM16	21.68	17.63	37	PASS
n12	15	5	140300	1@23	DFT_QAM16	21.72	17.67	37	PASS
n12	15	5	140300	12@6	DFT_QAM64	20.17	16.12	37	PASS
n12	15	5	140300	1@1	DFT_QAM64	19.94	15.89	37	PASS
n12	15	5	140300	1@23	DFT_QAM64	20.00	15.95	37	PASS
n12	15	5	140300	12@6	DFT_QAM256	18.05	14	37	PASS
n12	15	5	140300	1@1	DFT_QAM256	18.30	14.25	37	PASS
n12	15	5	140300	1@23	DFT_QAM256	18.29	14.24	37	PASS
n12	15	5	140300	13@6	CP_QPSK	21.10	17.05	37	PASS
n12	15	5	140300	1@1	CP_QPSK	21.09	17.04	37	PASS
n12	15	5	140300	1@23	CP_QPSK	21.08	17.03	37	PASS
n12	15	5	140300	13@6	CP_QAM16	20.60	16.55	37	PASS
n12	15	5	140300	1@1	CP_QAM16	20.96	16.91	37	PASS
n12	15	5	140300	1@23	CP_QAM16	20.99	16.94	37	PASS
n12	15	5	140300	13@6	CP_QAM64	18.89	14.84	37	PASS
n12	15	5	140300	1@1	CP_QAM64	19.12	15.07	37	PASS
n12	15	5	140300	1@23	CP_QAM64	19.17	15.12	37	PASS
n12	15	5	140300	13@6	CP_QAM256	15.97	11.92	37	PASS
n12	15	5	140300	1@1	CP_QAM256	16.63	12.58	37	PASS
n12	15	5	140300	1@23	CP_QAM256	16.14	12.09	37	PASS
n12	15	5	141500	12@6	DFT_BPSK	22.62	18.57	37	PASS
n12	15	5	141500	1@1	DFT_BPSK	22.58	18.53	37	PASS
n12	15	5	141500	1@23	DFT_BPSK	22.54	18.49	37	PASS
n12	15	5	141500	12@6	DFT_QPSK	22.56	18.51	37	PASS
n12	15	5	141500	1@1	DFT_QPSK	22.45	18.4	37	PASS
n12	15	5	141500	1@23	DFT_QPSK	22.34	18.29	37	PASS
n12	15	5	141500	12@6	DFT_QAM16	21.59	17.54	37	PASS
n12	15	5	141500	1@1	DFT_QAM16	21.73	17.68	37	PASS
n12	15	5	141500	1@23	DFT_QAM16	21.65	17.6	37	PASS
n12	15	5	141500	12@6	DFT_QAM64	20.14	16.09	37	PASS

n12	15	5	141500	1@1	DFT_QAM64	20.19	16.14	37	PASS
n12	15	5	141500	1@23	DFT_QAM64	20.18	16.13	37	PASS
n12	15	5	141500	12@6	DFT_QAM256	18.03	13.98	37	PASS
n12	15	5	141500	1@1	DFT_QAM256	18.32	14.27	37	PASS
n12	15	5	141500	1@23	DFT_QAM256	18.25	14.2	37	PASS
n12	15	5	141500	13@6	CP_QPSK	20.98	16.93	37	PASS
n12	15	5	141500	1@1	CP_QPSK	21.13	17.08	37	PASS
n12	15	5	141500	1@23	CP_QPSK	21.24	17.19	37	PASS
n12	15	5	141500	13@6	CP_QAM16	20.46	16.41	37	PASS
n12	15	5	141500	1@1	CP_QAM16	20.95	16.9	37	PASS
n12	15	5	141500	1@23	CP_QAM16	20.68	16.63	37	PASS
n12	15	5	141500	13@6	CP_QAM64	18.85	14.8	37	PASS
n12	15	5	141500	1@1	CP_QAM64	19.40	15.35	37	PASS
n12	15	5	141500	1@23	CP_QAM64	19.40	15.35	37	PASS
n12	15	5	141500	13@6	CP_QAM256	15.92	11.87	37	PASS
n12	15	5	141500	1@1	CP_QAM256	16.09	12.04	37	PASS
n12	15	5	141500	1@23	CP_QAM256	16.50	12.45	37	PASS
n12	15	5	142700	12@6	DFT_BPSK	22.44	18.39	37	PASS
n12	15	5	142700	1@1	DFT_BPSK	22.45	18.4	37	PASS
n12	15	5	142700	1@23	DFT_BPSK	22.43	18.38	37	PASS
n12	15	5	142700	12@6	DFT_QPSK	22.51	18.46	37	PASS
n12	15	5	142700	1@1	DFT_QPSK	22.37	18.32	37	PASS
n12	15	5	142700	1@23	DFT_QPSK	22.33	18.28	37	PASS
n12	15	5	142700	12@6	DFT_QAM16	21.39	17.34	37	PASS
n12	15	5	142700	1@1	DFT_QAM16	21.61	17.56	37	PASS
n12	15	5	142700	1@23	DFT_QAM16	21.59	17.54	37	PASS
n12	15	5	142700	12@6	DFT_QAM64	20.04	15.99	37	PASS
n12	15	5	142700	1@1	DFT_QAM64	20.14	16.09	37	PASS
n12	15	5	142700	1@23	DFT_QAM64	20.15	16.1	37	PASS
n12	15	5	142700	12@6	DFT_QAM256	17.94	13.89	37	PASS
n12	15	5	142700	1@1	DFT_QAM256	18.20	14.15	37	PASS
n12	15	5	142700	1@23	DFT_QAM256	17.99	13.94	37	PASS
n12	15	5	142700	13@6	CP_QPSK	20.99	16.94	37	PASS
n12	15	5	142700	1@1	CP_QPSK	20.97	16.92	37	PASS
n12	15	5	142700	1@23	CP_QPSK	20.97	16.92	37	PASS
n12	15	5	142700	13@6	CP_QAM16	20.43	16.38	37	PASS
n12	15	5	142700	1@1	CP_QAM16	20.84	16.79	37	PASS
n12	15	5	142700	1@23	CP_QAM16	20.80	16.75	37	PASS
n12	15	5	142700	13@6	CP_QAM64	18.85	14.8	37	PASS
n12	15	5	142700	1@1	CP_QAM64	19.35	15.3	37	PASS
n12	15	5	142700	1@23	CP_QAM64	19.26	15.21	37	PASS
n12	15	5	142700	13@6	CP_QAM256	15.89	11.84	37	PASS
n12	15	5	142700	1@1	CP_QAM256	16.50	12.45	37	PASS
n12	15	5	142700	1@23	CP_QAM256	16.41	12.36	37	PASS

n12	15	10	140800	25@12	DFT_BPSK	22.34	18.29	37	PASS
n12	15	10	140800	1@1	DFT_BPSK	22.41	18.36	37	PASS
n12	15	10	140800	1@50	DFT_BPSK	22.38	18.33	37	PASS
n12	15	10	140800	25@12	DFT_QPSK	22.37	18.32	37	PASS
n12	15	10	140800	1@1	DFT_QPSK	22.27	18.22	37	PASS
n12	15	10	140800	1@50	DFT_QPSK	22.29	18.24	37	PASS
n12	15	10	140800	25@12	DFT_QAM16	21.46	17.41	37	PASS
n12	15	10	140800	1@1	DFT_QAM16	21.49	17.44	37	PASS
n12	15	10	140800	1@50	DFT_QAM16	21.48	17.43	37	PASS
n12	15	10	140800	25@12	DFT_QAM64	19.88	15.83	37	PASS
n12	15	10	140800	1@1	DFT_QAM64	20.18	16.13	37	PASS
n12	15	10	140800	1@50	DFT_QAM64	20.10	16.05	37	PASS
n12	15	10	140800	25@12	DFT_QAM256	17.96	13.91	37	PASS
n12	15	10	140800	1@1	DFT_QAM256	18.16	14.11	37	PASS
n12	15	10	140800	1@50	DFT_QAM256	17.91	13.86	37	PASS
n12	15	10	140800	26@13	CP_QPSK	20.85	16.8	37	PASS
n12	15	10	140800	1@1	CP_QPSK	20.96	16.91	37	PASS
n12	15	10	140800	1@50	CP_QPSK	20.94	16.89	37	PASS
n12	15	10	140800	26@13	CP_QAM16	20.37	16.32	37	PASS
n12	15	10	140800	1@1	CP_QAM16	20.78	16.73	37	PASS
n12	15	10	140800	1@50	CP_QAM16	20.61	16.56	37	PASS
n12	15	10	140800	26@13	CP_QAM64	18.83	14.78	37	PASS
n12	15	10	140800	1@1	CP_QAM64	19.22	15.17	37	PASS
n12	15	10	140800	1@50	CP_QAM64	19.02	14.97	37	PASS
n12	15	10	140800	26@13	CP_QAM256	15.84	11.79	37	PASS
n12	15	10	140800	1@1	CP_QAM256	15.93	11.88	37	PASS
n12	15	10	140800	1@50	CP_QAM256	16.43	12.38	37	PASS
n12	15	10	141500	25@12	DFT_BPSK	22.38	18.33	37	PASS
n12	15	10	141500	1@1	DFT_BPSK	22.38	18.33	37	PASS
n12	15	10	141500	1@50	DFT_BPSK	22.32	18.27	37	PASS
n12	15	10	141500	25@12	DFT_QPSK	22.42	18.37	37	PASS
n12	15	10	141500	1@1	DFT_QPSK	22.20	18.15	37	PASS
n12	15	10	141500	1@50	DFT_QPSK	22.16	18.11	37	PASS
n12	15	10	141500	25@12	DFT_QAM16	21.43	17.38	37	PASS
n12	15	10	141500	1@1	DFT_QAM16	21.55	17.5	37	PASS
n12	15	10	141500	1@50	DFT_QAM16	21.47	17.42	37	PASS
n12	15	10	141500	25@12	DFT_QAM64	19.88	15.83	37	PASS
n12	15	10	141500	1@1	DFT_QAM64	20.17	16.12	37	PASS
n12	15	10	141500	1@50	DFT_QAM64	20.08	16.03	37	PASS
n12	15	10	141500	25@12	DFT_QAM256	17.90	13.85	37	PASS
n12	15	10	141500	1@1	DFT_QAM256	18.01	13.96	37	PASS
n12	15	10	141500	1@50	DFT_QAM256	17.90	13.85	37	PASS
n12	15	10	141500	26@13	CP_QPSK	20.75	16.7	37	PASS
n12	15	10	141500	1@1	CP_QPSK	21.02	16.97	37	PASS

n12	15	10	141500	1@50	CP_QPSK	20.80	16.75	37	PASS
n12	15	10	141500	26@13	CP_QAM16	20.41	16.36	37	PASS
n12	15	10	141500	1@1	CP_QAM16	20.77	16.72	37	PASS
n12	15	10	141500	1@50	CP_QAM16	20.66	16.61	37	PASS
n12	15	10	141500	26@13	CP_QAM64	18.88	14.83	37	PASS
n12	15	10	141500	1@1	CP_QAM64	19.26	15.21	37	PASS
n12	15	10	141500	1@50	CP_QAM64	18.84	14.79	37	PASS
n12	15	10	141500	26@13	CP_QAM256	15.85	11.8	37	PASS
n12	15	10	141500	1@1	CP_QAM256	16.39	12.34	37	PASS
n12	15	10	141500	1@50	CP_QAM256	16.21	12.16	37	PASS
n12	15	10	142200	25@12	DFT_BPSK	22.29	18.24	37	PASS
n12	15	10	142200	1@1	DFT_BPSK	22.33	18.28	37	PASS
n12	15	10	142200	1@50	DFT_BPSK	22.25	18.2	37	PASS
n12	15	10	142200	25@12	DFT_QPSK	22.31	18.26	37	PASS
n12	15	10	142200	1@1	DFT_QPSK	22.29	18.24	37	PASS
n12	15	10	142200	1@50	DFT_QPSK	22.15	18.1	37	PASS
n12	15	10	142200	25@12	DFT_QAM16	21.32	17.27	37	PASS
n12	15	10	142200	1@1	DFT_QAM16	21.56	17.51	37	PASS
n12	15	10	142200	1@50	DFT_QAM16	21.39	17.34	37	PASS
n12	15	10	142200	25@12	DFT_QAM64	19.88	15.83	37	PASS
n12	15	10	142200	1@1	DFT_QAM64	20.14	16.09	37	PASS
n12	15	10	142200	1@50	DFT_QAM64	20.07	16.02	37	PASS
n12	15	10	142200	25@12	DFT_QAM256	17.87	13.82	37	PASS
n12	15	10	142200	1@1	DFT_QAM256	17.96	13.91	37	PASS
n12	15	10	142200	1@50	DFT_QAM256	17.97	13.92	37	PASS
n12	15	10	142200	26@13	CP_QPSK	20.71	16.66	37	PASS
n12	15	10	142200	1@1	CP_QPSK	20.99	16.94	37	PASS
n12	15	10	142200	1@50	CP_QPSK	20.83	16.78	37	PASS
n12	15	10	142200	26@13	CP_QAM16	20.30	16.25	37	PASS
n12	15	10	142200	1@1	CP_QAM16	20.76	16.71	37	PASS
n12	15	10	142200	1@50	CP_QAM16	20.45	16.4	37	PASS
n12	15	10	142200	26@13	CP_QAM64	18.67	14.62	37	PASS
n12	15	10	142200	1@1	CP_QAM64	19.08	15.03	37	PASS
n12	15	10	142200	1@50	CP_QAM64	18.86	14.81	37	PASS
n12	15	10	142200	26@13	CP_QAM256	15.81	11.76	37	PASS
n12	15	10	142200	1@1	CP_QAM256	16.43	12.38	37	PASS
n12	15	10	142200	1@50	CP_QAM256	16.16	12.11	37	PASS
n12	15	15	141300	36@18	DFT_BPSK	22.49	18.44	37	PASS
n12	15	15	141300	1@1	DFT_BPSK	22.34	18.29	37	PASS
n12	15	15	141300	1@77	DFT_BPSK	22.31	18.26	37	PASS
n12	15	15	141300	36@18	DFT_QPSK	22.46	18.41	37	PASS
n12	15	15	141300	1@1	DFT_QPSK	22.30	18.25	37	PASS
n12	15	15	141300	1@77	DFT_QPSK	22.21	18.16	37	PASS
n12	15	15	141300	36@18	DFT_QAM16	21.41	17.36	37	PASS

n12	15	15	141300	1@1	DFT_QAM16	21.57	17.52	37	PASS
n12	15	15	141300	1@77	DFT_QAM16	21.33	17.28	37	PASS
n12	15	15	141300	36@18	DFT_QAM64	20.01	15.96	37	PASS
n12	15	15	141300	1@1	DFT_QAM64	20.10	16.05	37	PASS
n12	15	15	141300	1@77	DFT_QAM64	20.04	15.99	37	PASS
n12	15	15	141300	36@18	DFT_QAM256	18.05	14	37	PASS
n12	15	15	141300	1@1	DFT_QAM256	18.16	14.11	37	PASS
n12	15	15	141300	1@77	DFT_QAM256	18.03	13.98	37	PASS
n12	15	15	141300	39@19	CP_QPSK	20.99	16.94	37	PASS
n12	15	15	141300	1@1	CP_QPSK	21.03	16.98	37	PASS
n12	15	15	141300	1@77	CP_QPSK	20.95	16.9	37	PASS
n12	15	15	141300	39@19	CP_QAM16	20.54	16.49	37	PASS
n12	15	15	141300	1@1	CP_QAM16	20.26	16.21	37	PASS
n12	15	15	141300	1@77	CP_QAM16	20.06	16.01	37	PASS
n12	15	15	141300	39@19	CP_QAM64	19.05	15	37	PASS
n12	15	15	141300	1@1	CP_QAM64	19.36	15.31	37	PASS
n12	15	15	141300	1@77	CP_QAM64	19.26	15.21	37	PASS
n12	15	15	141300	39@19	CP_QAM256	16.08	12.03	37	PASS
n12	15	15	141300	1@1	CP_QAM256	16.52	12.47	37	PASS
n12	15	15	141300	1@77	CP_QAM256	16.35	12.3	37	PASS
n12	15	15	141500	36@18	DFT_BPSK	22.45	18.4	37	PASS
n12	15	15	141500	1@1	DFT_BPSK	22.43	18.38	37	PASS
n12	15	15	141500	1@77	DFT_BPSK	22.36	18.31	37	PASS
n12	15	15	141500	36@18	DFT_QPSK	22.42	18.37	37	PASS
n12	15	15	141500	1@1	DFT_QPSK	22.33	18.28	37	PASS
n12	15	15	141500	1@77	DFT_QPSK	22.30	18.25	37	PASS
n12	15	15	141500	36@18	DFT_QAM16	21.58	17.53	37	PASS
n12	15	15	141500	1@1	DFT_QAM16	21.55	17.5	37	PASS
n12	15	15	141500	1@77	DFT_QAM16	21.39	17.34	37	PASS
n12	15	15	141500	36@18	DFT_QAM64	20.04	15.99	37	PASS
n12	15	15	141500	1@1	DFT_QAM64	19.86	15.81	37	PASS
n12	15	15	141500	1@77	DFT_QAM64	19.68	15.63	37	PASS
n12	15	15	141500	36@18	DFT_QAM256	17.97	13.92	37	PASS
n12	15	15	141500	1@1	DFT_QAM256	18.23	14.18	37	PASS
n12	15	15	141500	1@77	DFT_QAM256	18.14	14.09	37	PASS
n12	15	15	141500	39@19	CP_QPSK	21.01	16.96	37	PASS
n12	15	15	141500	1@1	CP_QPSK	21.12	17.07	37	PASS
n12	15	15	141500	1@77	CP_QPSK	20.92	16.87	37	PASS
n12	15	15	141500	39@19	CP_QAM16	20.49	16.44	37	PASS
n12	15	15	141500	1@1	CP_QAM16	20.82	16.77	37	PASS
n12	15	15	141500	1@77	CP_QAM16	20.54	16.49	37	PASS
n12	15	15	141500	39@19	CP_QAM64	19.06	15.01	37	PASS
n12	15	15	141500	1@1	CP_QAM64	19.17	15.12	37	PASS
n12	15	15	141500	1@77	CP_QAM64	19.14	15.09	37	PASS

n12	15	15	141500	39@19	CP_QAM256	16.11	12.06	37	PASS
n12	15	15	141500	1@1	CP_QAM256	16.09	12.04	37	PASS
n12	15	15	141500	1@77	CP_QAM256	16.48	12.43	37	PASS
n12	15	15	141700	36@18	DFT_BPSK	22.53	18.48	37	PASS
n12	15	15	141700	1@1	DFT_BPSK	22.41	18.36	37	PASS
n12	15	15	141700	1@77	DFT_BPSK	22.26	18.21	37	PASS
n12	15	15	141700	36@18	DFT_QPSK	22.42	18.37	37	PASS
n12	15	15	141700	1@1	DFT_QPSK	22.23	18.18	37	PASS
n12	15	15	141700	1@77	DFT_QPSK	22.17	18.12	37	PASS
n12	15	15	141700	36@18	DFT_QAM16	21.53	17.48	37	PASS
n12	15	15	141700	1@1	DFT_QAM16	21.60	17.55	37	PASS
n12	15	15	141700	1@77	DFT_QAM16	21.26	17.21	37	PASS
n12	15	15	141700	36@18	DFT_QAM64	19.94	15.89	37	PASS
n12	15	15	141700	1@1	DFT_QAM64	20.19	16.14	37	PASS
n12	15	15	141700	1@77	DFT_QAM64	19.98	15.93	37	PASS
n12	15	15	141700	36@18	DFT_QAM256	18.10	14.05	37	PASS
n12	15	15	141700	1@1	DFT_QAM256	18.19	14.14	37	PASS
n12	15	15	141700	1@77	DFT_QAM256	18.08	14.03	37	PASS
n12	15	15	141700	39@19	CP_QPSK	20.98	16.93	37	PASS
n12	15	15	141700	1@1	CP_QPSK	21.05	17	37	PASS
n12	15	15	141700	1@77	CP_QPSK	20.88	16.83	37	PASS
n12	15	15	141700	39@19	CP_QAM16	20.49	16.44	37	PASS
n12	15	15	141700	1@1	CP_QAM16	20.89	16.84	37	PASS
n12	15	15	141700	1@77	CP_QAM16	20.47	16.42	37	PASS
n12	15	15	141700	39@19	CP_QAM64	19.05	15	37	PASS
n12	15	15	141700	1@1	CP_QAM64	19.14	15.09	37	PASS
n12	15	15	141700	1@77	CP_QAM64	18.95	14.9	37	PASS
n12	15	15	141700	39@19	CP_QAM256	16.07	12.02	37	PASS
n12	15	15	141700	1@1	CP_QAM256	16.55	12.5	37	PASS
n12	15	15	141700	1@77	CP_QAM256	16.29	12.24	37	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(H z)	Result (ppm)	Limit (ppm)	Verdict
n12	15	15	141500	36@18	DFT_BPSK	3.85	-2.85	0.00	Within authorized band for 5G NR n12	PASS
n12	15	15	141500	36@18	DFT_BPSK	3.45	-2.29	0.00		PASS
n12	15	15	141500	36@18	DFT_BPSK	4.40	-1.42	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	3.85	-1.78	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	3.45	-1.57	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	4.40	-2.80	0.00		PASS

Note: Only the worst case shown in the report.

NV:

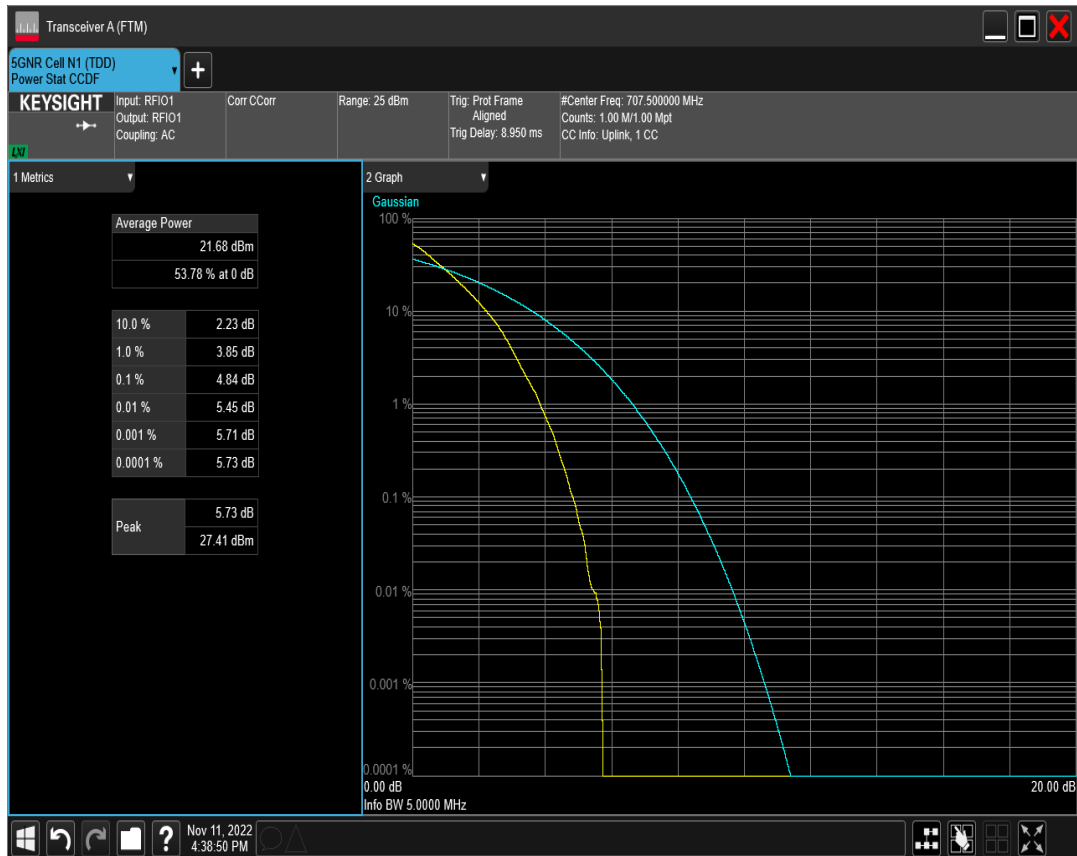
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temper ature(°C)	Result(H z)	Result (ppm)	Limit (ppm)	Verdict
n12	15	15	141500	36@18	DFT_BPSK	-30	-3.67	0.00	Within authorized band for 5G NR n12	PASS
n12	15	15	141500	36@18	DFT_BPSK	-20	-5.70	0.00		PASS
n12	15	15	141500	36@18	DFT_BPSK	-10	-3.66	0.00		PASS
n12	15	15	141500	36@18	DFT_BPSK	0	-3.69	0.00		PASS
n12	15	15	141500	36@18	DFT_BPSK	10	-4.17	0.00		PASS
n12	15	15	141500	36@18	DFT_BPSK	20	-1.51	0.00		PASS
n12	15	15	141500	36@18	DFT_BPSK	30	-4.42	0.00		PASS
n12	15	15	141500	36@18	DFT_BPSK	40	-3.60	0.00		PASS
n12	15	15	141500	36@18	DFT_BPSK	50	-4.07	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	-30	-1.28	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	-20	-4.94	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	-10	-6.20	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	0	-3.40	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	10	-3.77	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	20	-3.88	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	30	-3.67	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	40	-5.70	0.00		PASS
n12	15	15	141500	36@18	DFT_QPSK	50	-3.66	0.00		PASS

Note: Only the worst case shown in the report.

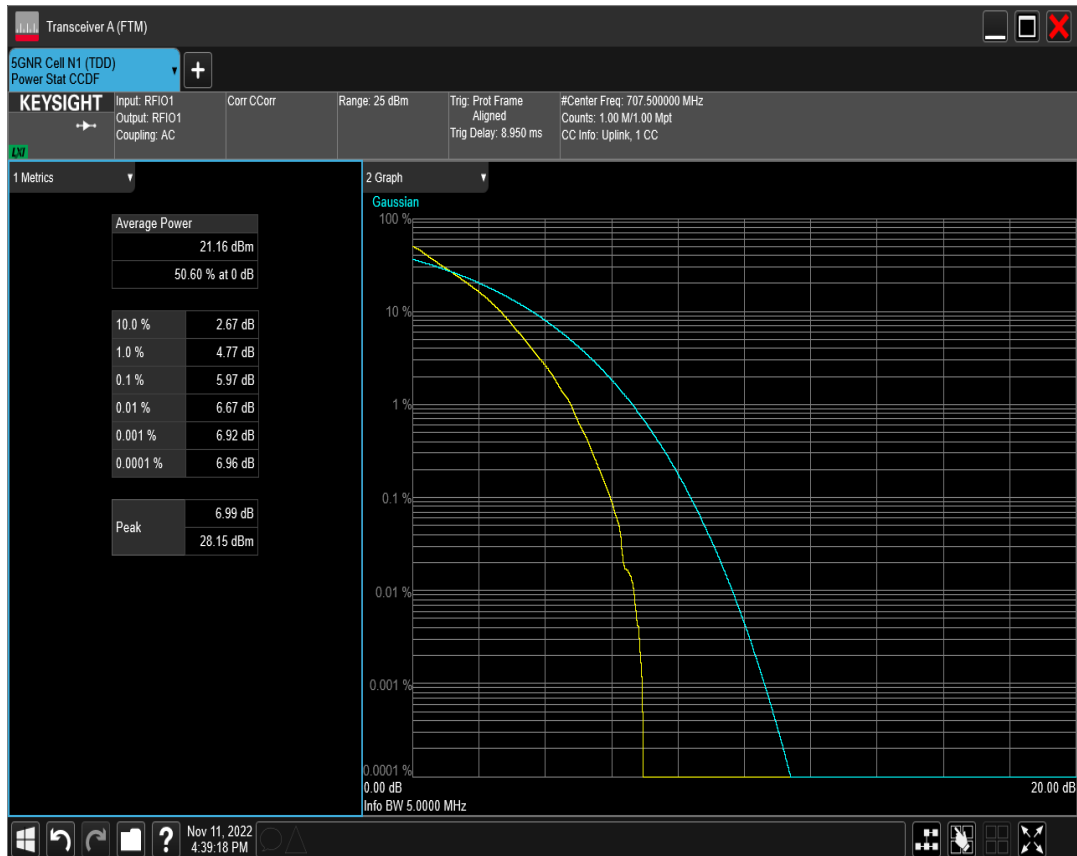
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n12	15	5	141500	25@0	DFT_BPSK	4.84	13	PASS
n12	15	5	141500	25@0	DFT_QPSK	5.97	13	PASS
n12	15	5	141500	25@0	DFT_QAM16	6.76	13	PASS
n12	15	5	141500	25@0	DFT_QAM64	7.00	13	PASS
n12	15	5	141500	25@0	DFT_QAM256	7.50	13	PASS
n12	15	10	141500	50@0	DFT_BPSK	4.87	13	PASS
n12	15	10	141500	50@0	DFT_QPSK	6.04	13	PASS
n12	15	10	141500	50@0	DFT_QAM16	6.96	13	PASS
n12	15	10	141500	50@0	DFT_QAM64	7.17	13	PASS
n12	15	10	141500	50@0	DFT_QAM256	7.32	13	PASS
n12	15	15	141500	75@0	DFT_BPSK	4.66	13	PASS
n12	15	15	141500	75@0	DFT_QPSK	6.04	13	PASS
n12	15	15	141500	75@0	DFT_QAM16	6.91	13	PASS
n12	15	15	141500	75@0	DFT_QAM64	7.19	13	PASS
n12	15	15	141500	75@0	DFT_QAM256	7.53	13	PASS

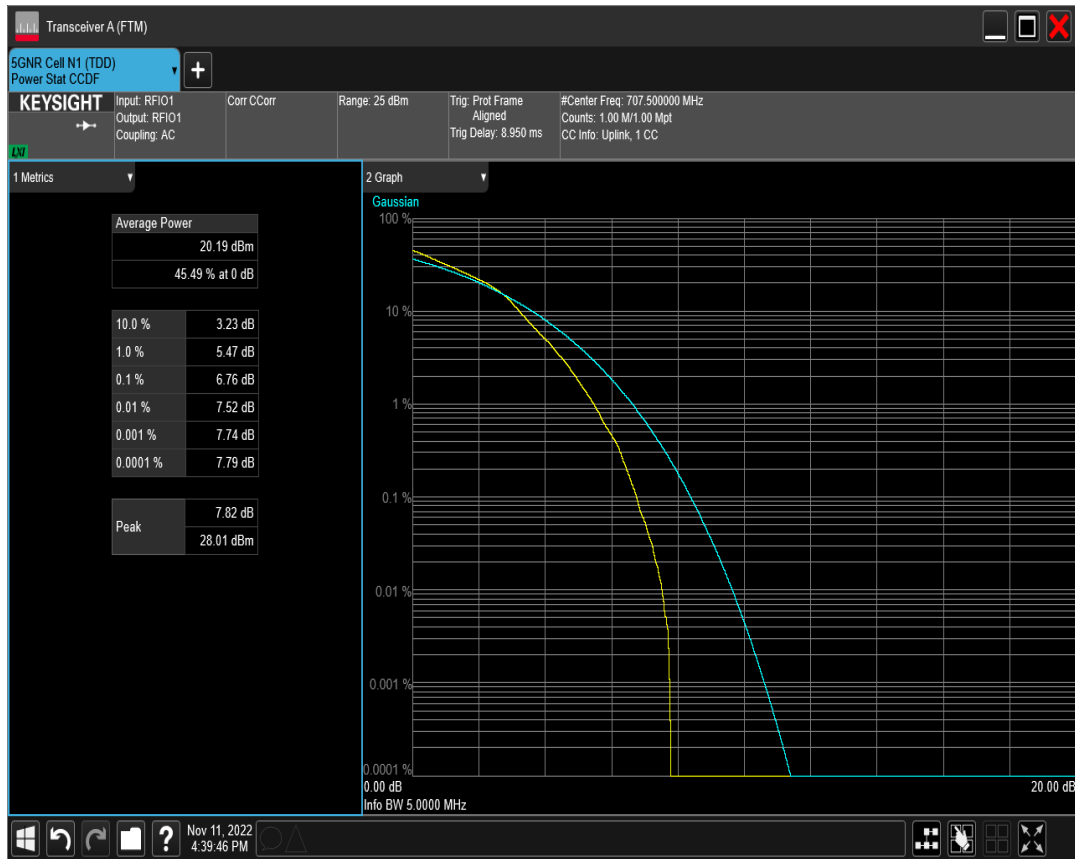
n12 SCS=15kHz DFT_BPSK BW=5MHz Channel=141500 RB=25@0



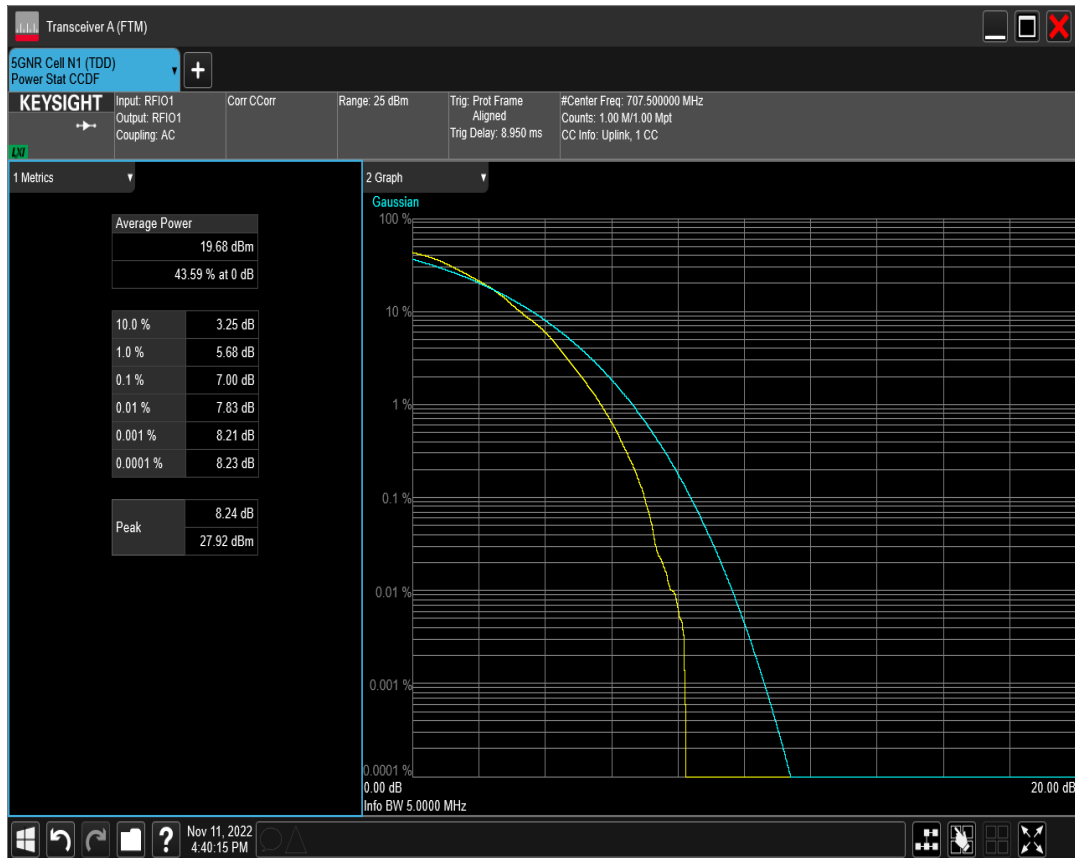
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=141500 RB=25@0



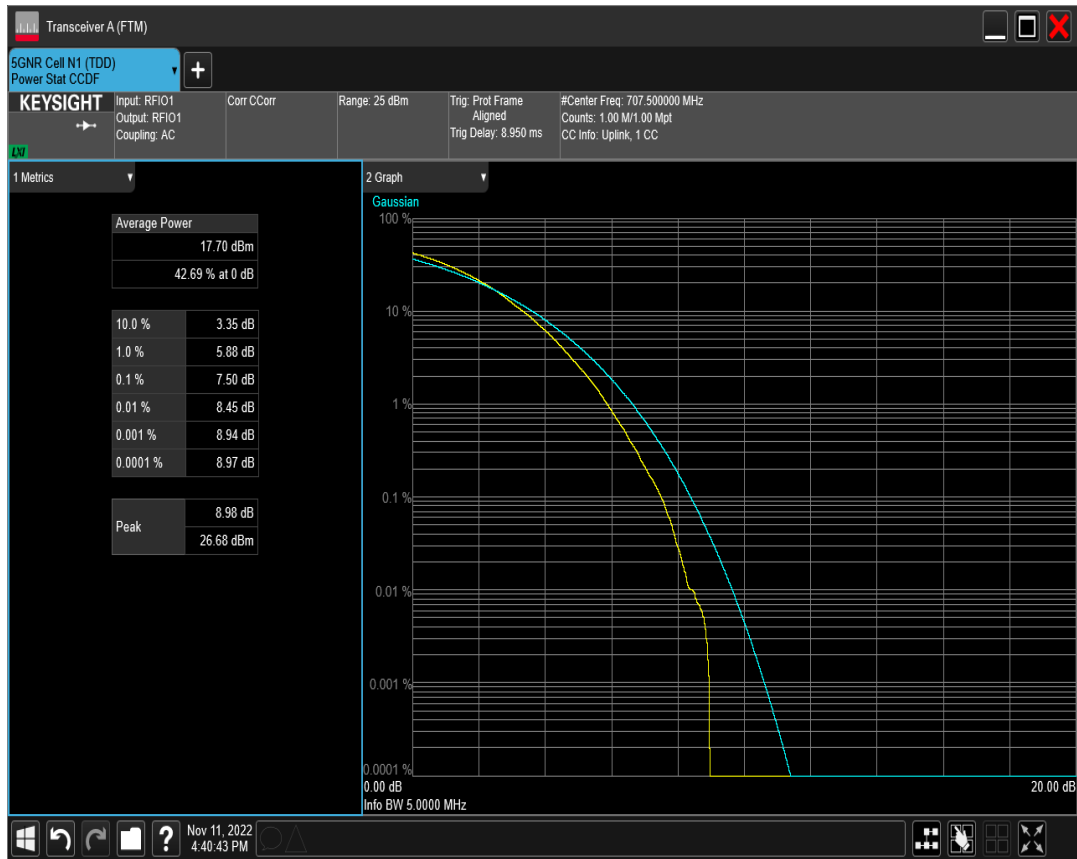
n12 SCS=15kHz DFT_QAM16 BW=5MHz Channel=141500 RB=25@0



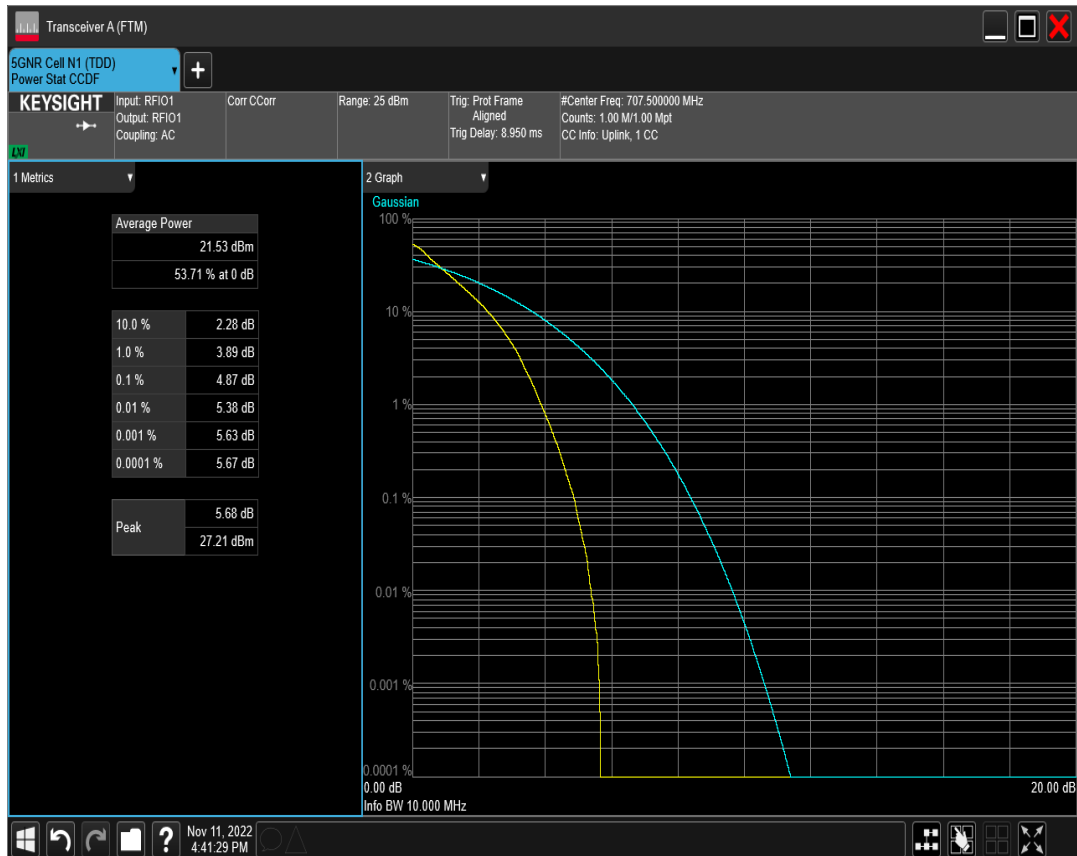
n12 SCS=15kHz DFT_QAM64 BW=5MHz Channel=141500 RB=25@0



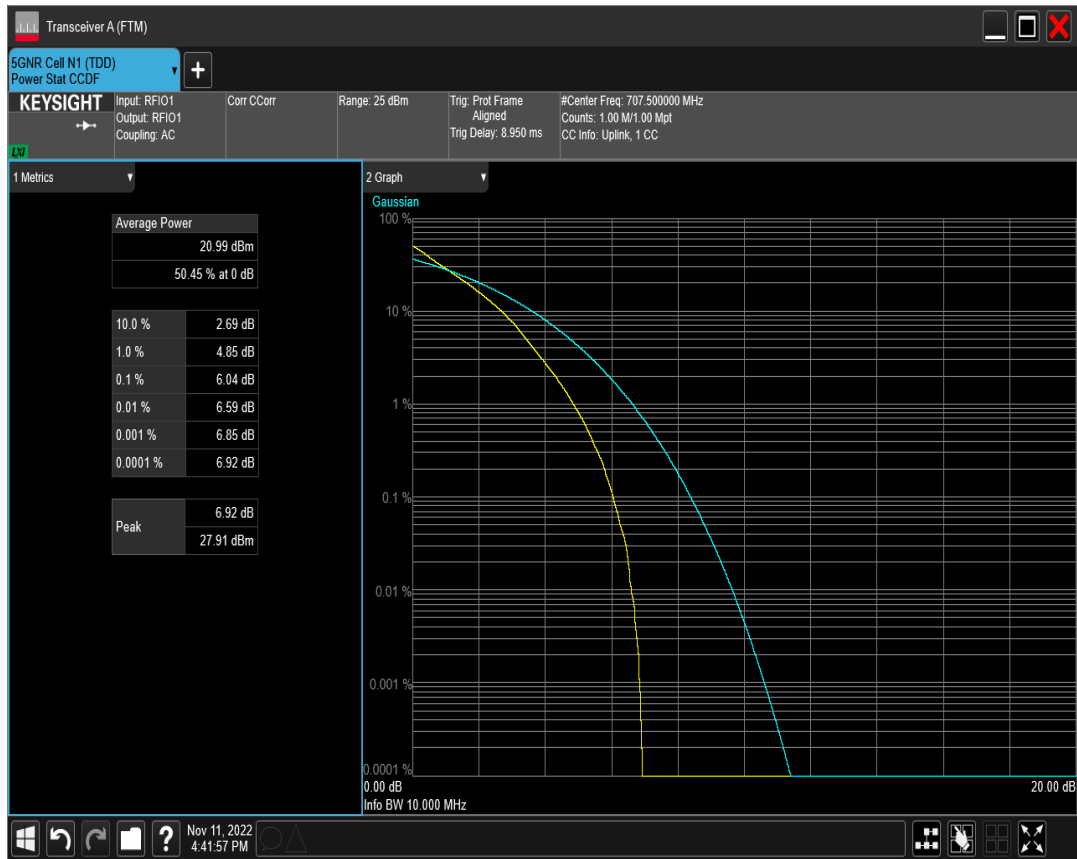
n12 SCS=15kHz DFT_QAM256 BW=5MHz Channel=141500 RB=25@0



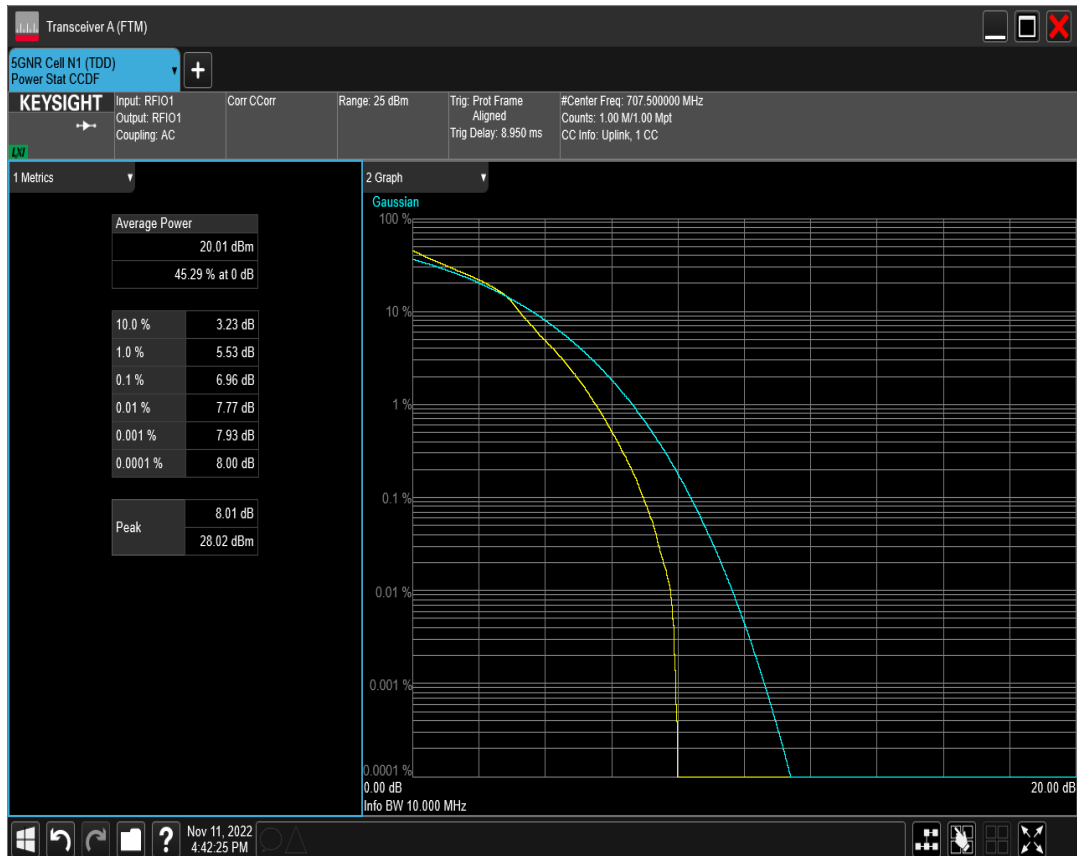
n12 SCS=15kHz DFT_BPSK BW=10MHz Channel=141500 RB=50@0



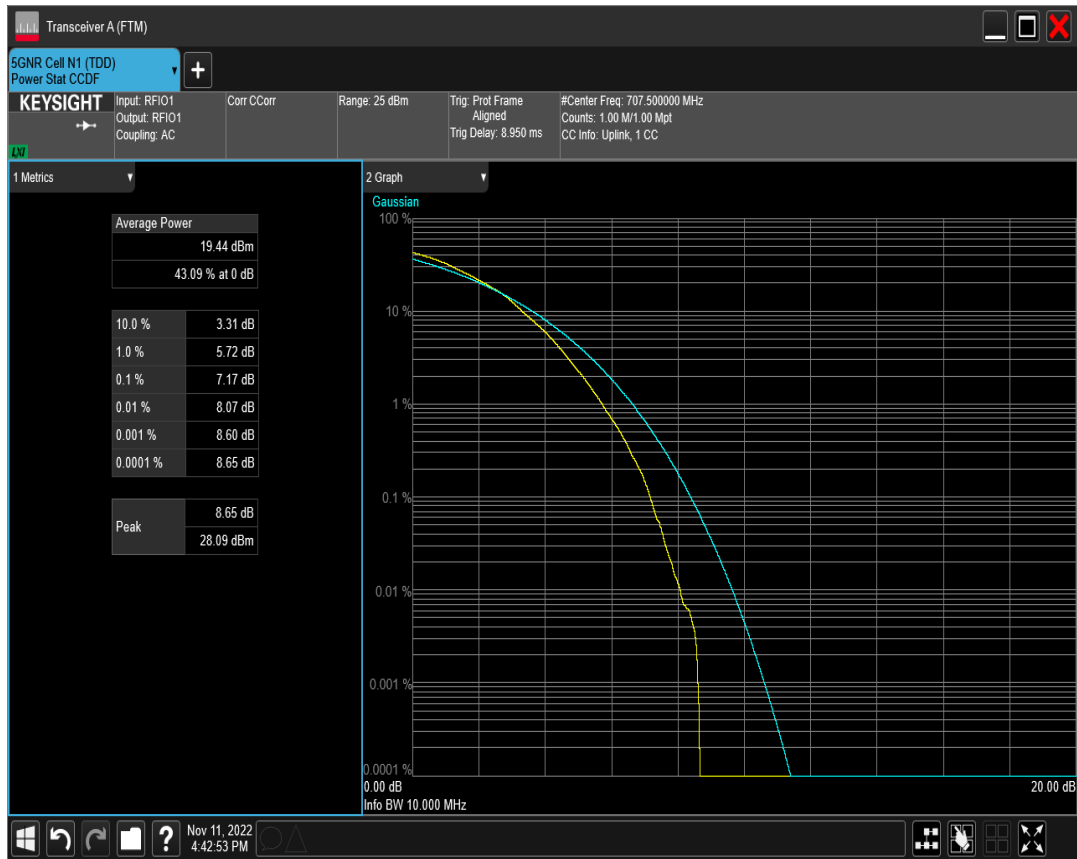
n12 SCS=15kHz DFT_QPSK BW=10MHz Channel=141500 RB=50@0



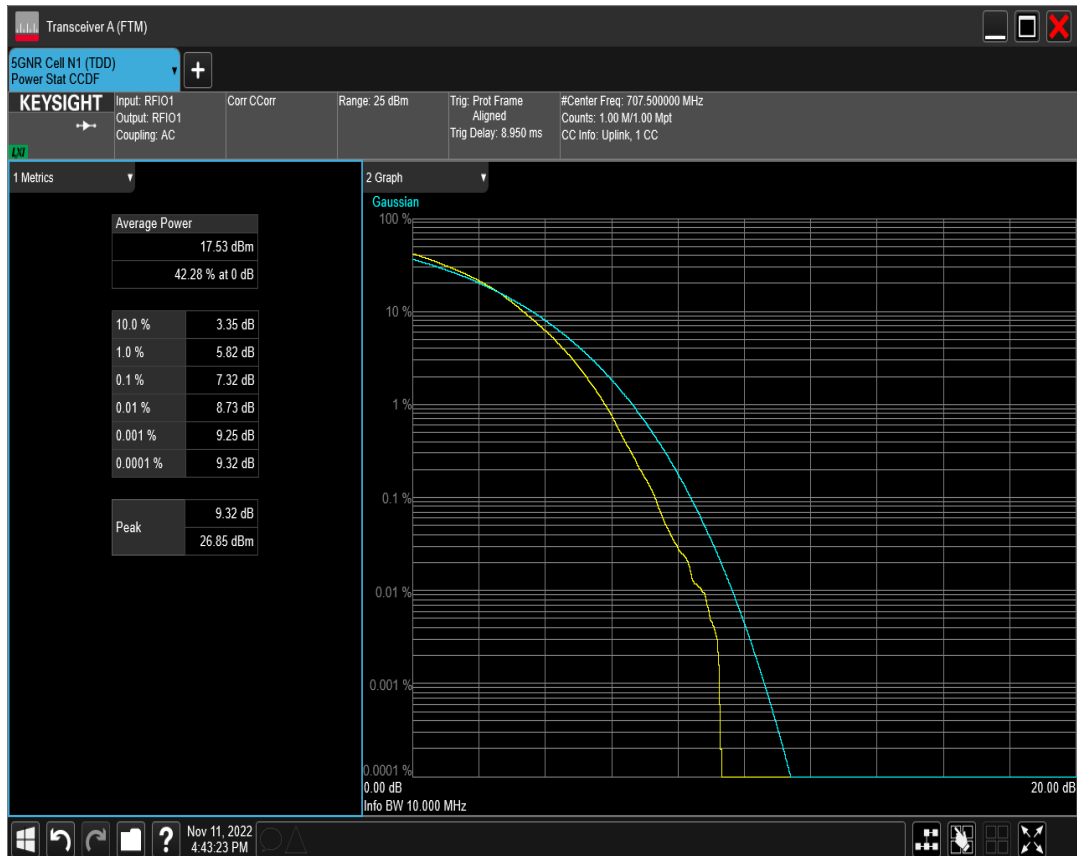
n12 SCS=15kHz DFT_QAM16 BW=10MHz Channel=141500 RB=50@0



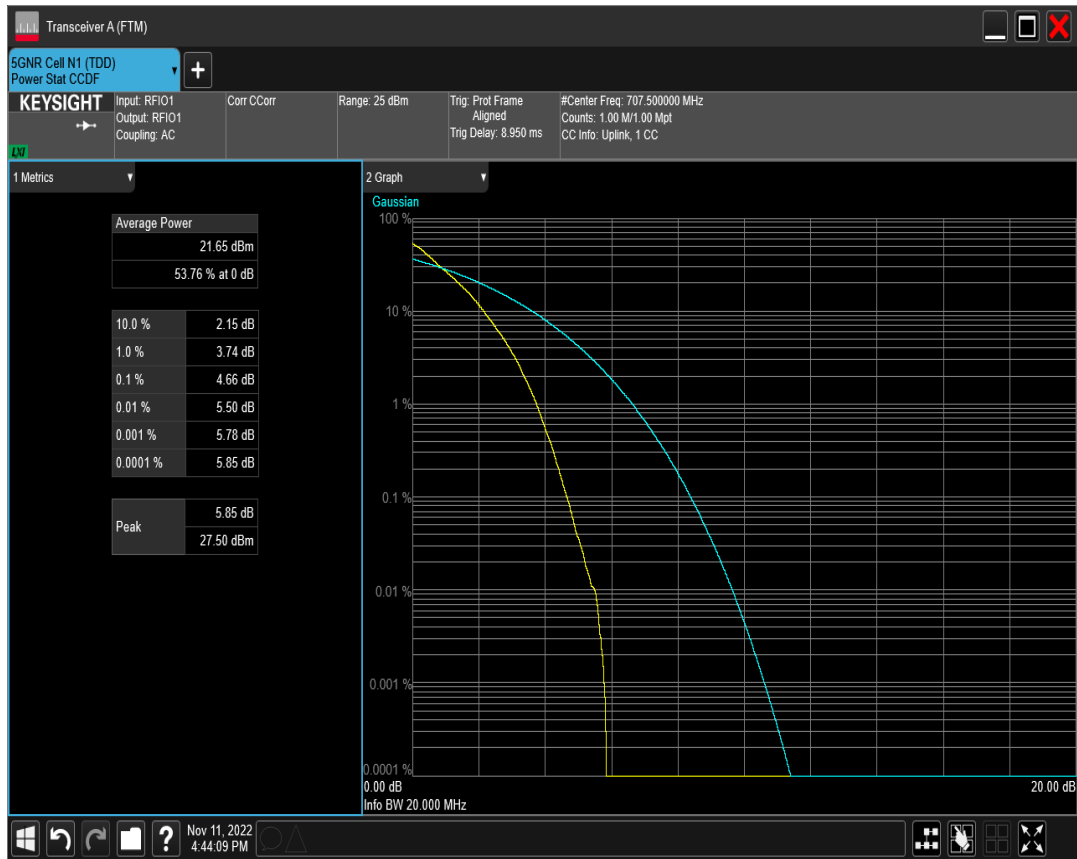
n12 SCS=15kHz DFT_QAM64 BW=10MHz Channel=141500 RB=50@0



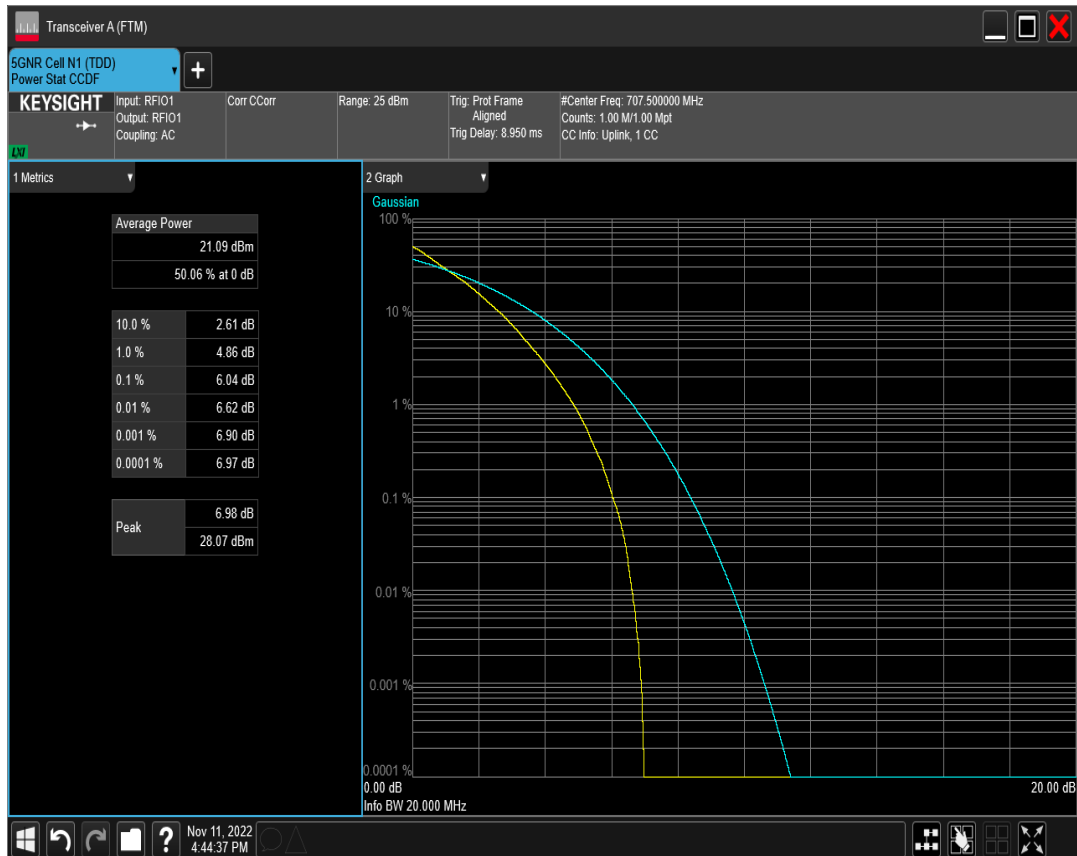
n12 SCS=15kHz DFT_QAM256 BW=10MHz Channel=141500 RB=50@0



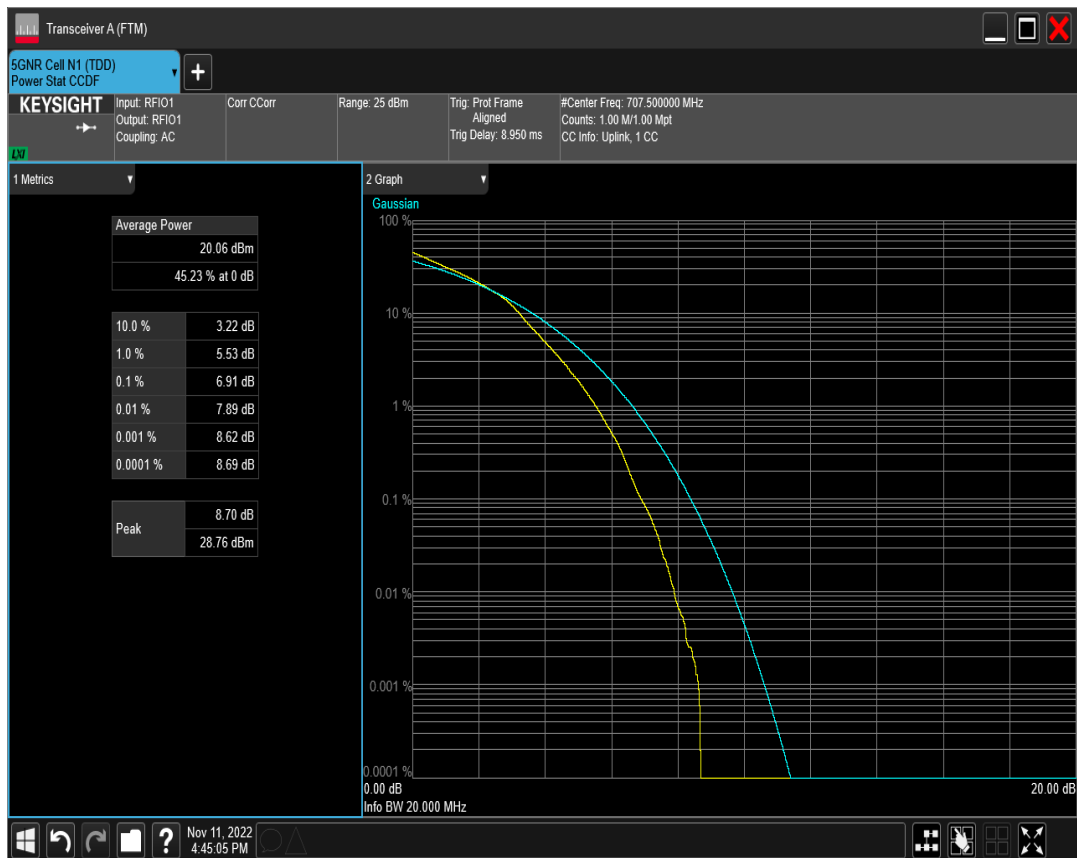
n12 SCS=15kHz DFT_BPSK BW=15MHz Channel=141500 RB=75@0



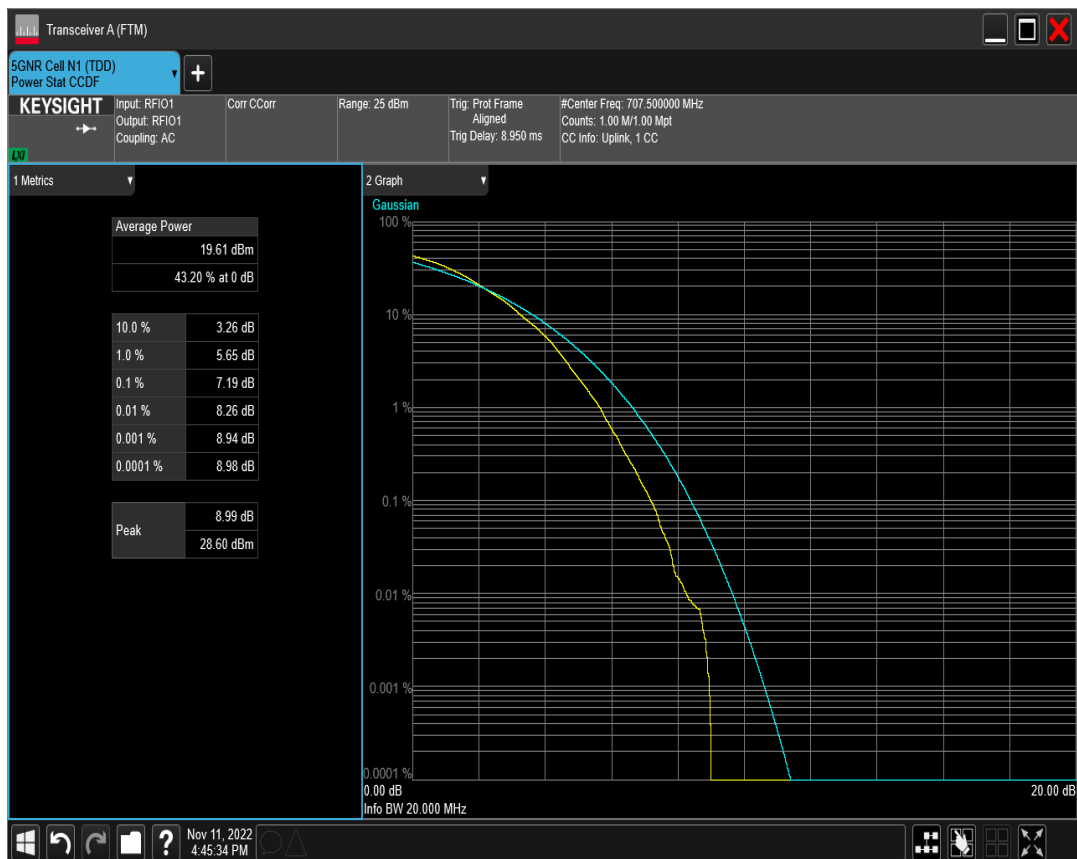
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141500 RB=75@0



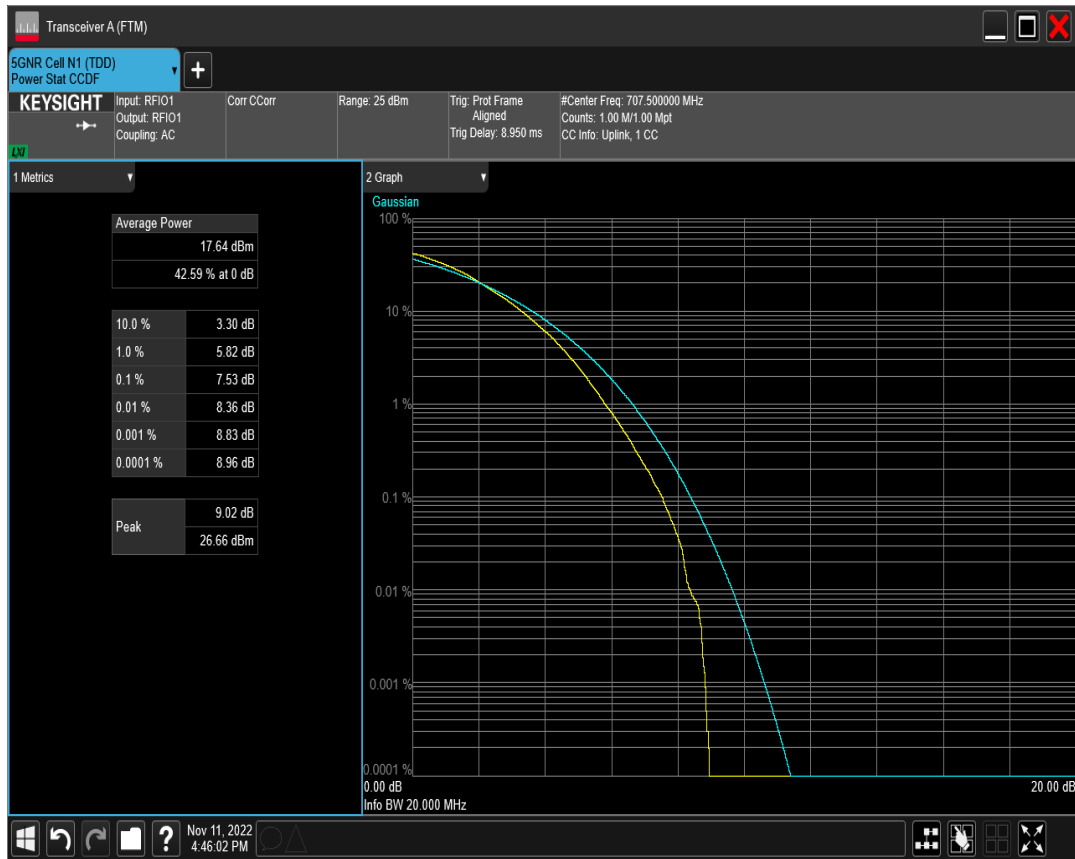
n12 SCS=15kHz DFT_QAM16 BW=15MHz Channel=141500 RB=75@0



n12 SCS=15kHz DFT_QAM64 BW=15MHz Channel=141500 RB=75@0



n12 SCS=15kHz DFT_QAM256 BW=15MHz Channel=141500 RB=75@0

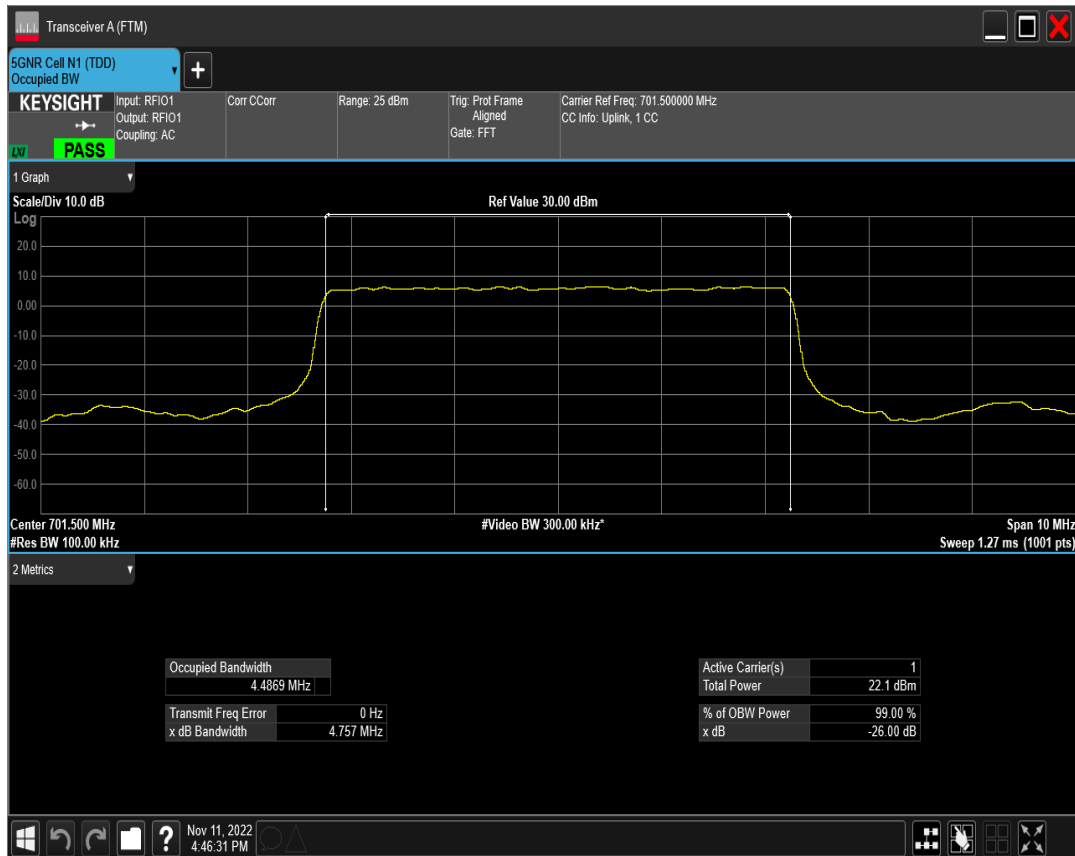


4 Occupied bandwidth for NR FR1

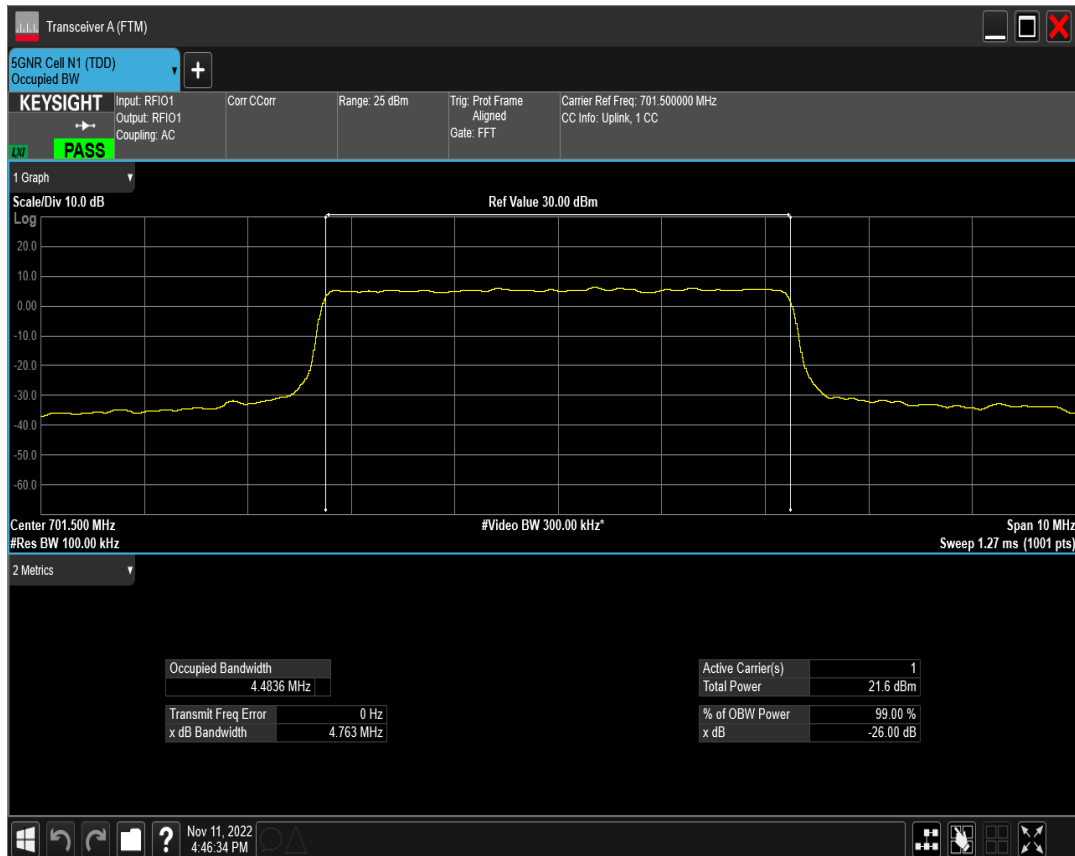
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n12	15	5	140300	25@0	DFT_BPSK	4.490	4.760	PASS
n12	15	5	140300	25@0	DFT_QPSK	4.480	4.760	PASS
n12	15	5	140300	25@0	DFT_QAM16	4.480	4.770	PASS
n12	15	5	140300	25@0	DFT_QAM64	4.500	4.780	PASS
n12	15	5	140300	25@0	DFT_QAM256	4.490	4.780	PASS
n12	15	5	140300	25@0	CP_QPSK	4.490	4.810	PASS
n12	15	5	141500	25@0	DFT_BPSK	4.490	4.780	PASS
n12	15	5	141500	25@0	DFT_QPSK	4.490	4.780	PASS
n12	15	5	141500	25@0	DFT_QAM16	4.500	4.750	PASS
n12	15	5	141500	25@0	DFT_QAM64	4.490	4.770	PASS
n12	15	5	141500	25@0	DFT_QAM256	4.500	4.780	PASS
n12	15	5	141500	25@0	CP_QPSK	4.490	4.820	PASS
n12	15	5	142700	25@0	DFT_BPSK	4.490	4.770	PASS
n12	15	5	142700	25@0	DFT_QPSK	4.490	4.770	PASS
n12	15	5	142700	25@0	DFT_QAM16	4.500	4.750	PASS
n12	15	5	142700	25@0	DFT_QAM64	4.500	4.770	PASS
n12	15	5	142700	25@0	DFT_QAM256	4.490	4.780	PASS
n12	15	5	142700	25@0	CP_QPSK	4.490	4.760	PASS
n12	15	10	140800	50@0	DFT_BPSK	9.240	9.490	PASS
n12	15	10	140800	50@0	DFT_QPSK	9.180	9.450	PASS
n12	15	10	140800	50@0	DFT_QAM16	9.200	9.480	PASS
n12	15	10	140800	50@0	DFT_QAM64	9.210	9.490	PASS
n12	15	10	140800	50@0	DFT_QAM256	9.210	9.490	PASS
n12	15	10	140800	52@0	CP_QPSK	9.330	9.850	PASS
n12	15	10	141500	50@0	DFT_BPSK	9.250	9.490	PASS
n12	15	10	141500	50@0	DFT_QPSK	9.220	9.500	PASS
n12	15	10	141500	50@0	DFT_QAM16	9.220	9.480	PASS
n12	15	10	141500	50@0	DFT_QAM64	9.240	9.490	PASS
n12	15	10	141500	50@0	DFT_QAM256	9.250	9.490	PASS
n12	15	10	141500	52@0	CP_QPSK	9.330	9.860	PASS
n12	15	10	142200	50@0	DFT_BPSK	9.260	9.480	PASS
n12	15	10	142200	50@0	DFT_QPSK	9.210	9.480	PASS
n12	15	10	142200	50@0	DFT_QAM16	9.240	9.470	PASS
n12	15	10	142200	50@0	DFT_QAM64	9.250	9.480	PASS
n12	15	10	142200	50@0	DFT_QAM256	9.250	9.480	PASS
n12	15	10	142200	52@0	CP_QPSK	9.330	9.860	PASS
n12	15	15	141300	75@0	DFT_BPSK	13.980	14.200	PASS
n12	15	15	141300	75@0	DFT_QPSK	14.000	14.200	PASS

n12	15	15	141300	75@0	DFT_QAM16	13.950	14.190	PASS
n12	15	15	141300	75@0	DFT_QAM64	13.980	14.210	PASS
n12	15	15	141300	75@0	DFT_QAM256	14.000	14.230	PASS
n12	15	15	141300	79@0	CP_QPSK	14.160	14.940	PASS
n12	15	15	141500	75@0	DFT_BPSK	13.990	14.200	PASS
n12	15	15	141500	75@0	DFT_QPSK	14.040	14.210	PASS
n12	15	15	141500	75@0	DFT_QAM16	13.950	14.190	PASS
n12	15	15	141500	75@0	DFT_QAM64	13.990	14.210	PASS
n12	15	15	141500	75@0	DFT_QAM256	13.950	14.200	PASS
n12	15	15	141500	79@0	CP_QPSK	14.160	14.940	PASS
n12	15	15	141700	75@0	DFT_BPSK	14.000	14.200	PASS
n12	15	15	141700	75@0	DFT_QPSK	14.050	14.200	PASS
n12	15	15	141700	75@0	DFT_QAM16	13.990	14.180	PASS
n12	15	15	141700	75@0	DFT_QAM64	14.000	14.210	PASS
n12	15	15	141700	75@0	DFT_QAM256	13.980	14.200	PASS
n12	15	15	141700	79@0	CP_QPSK	14.160	14.930	PASS

n12 SCS=15kHz DFT_BPSK BW=5MHz Channel=140300 RB=25@0



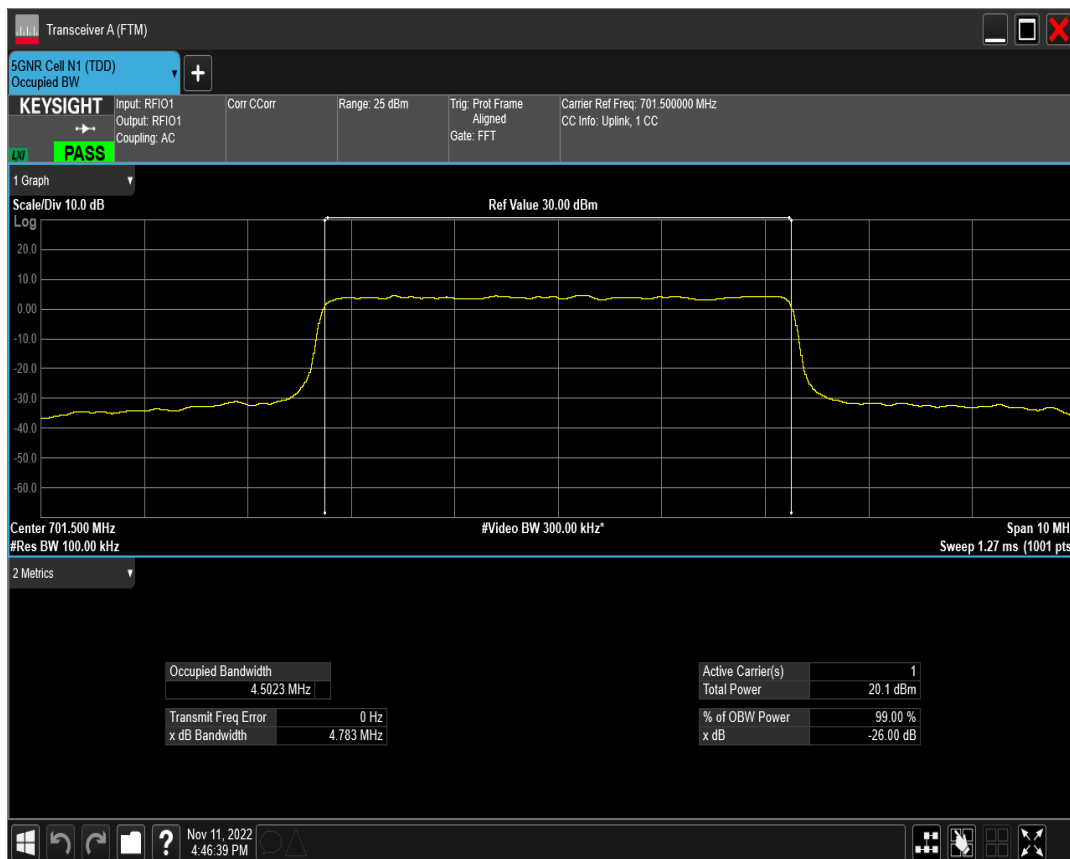
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=140300 RB=25@0



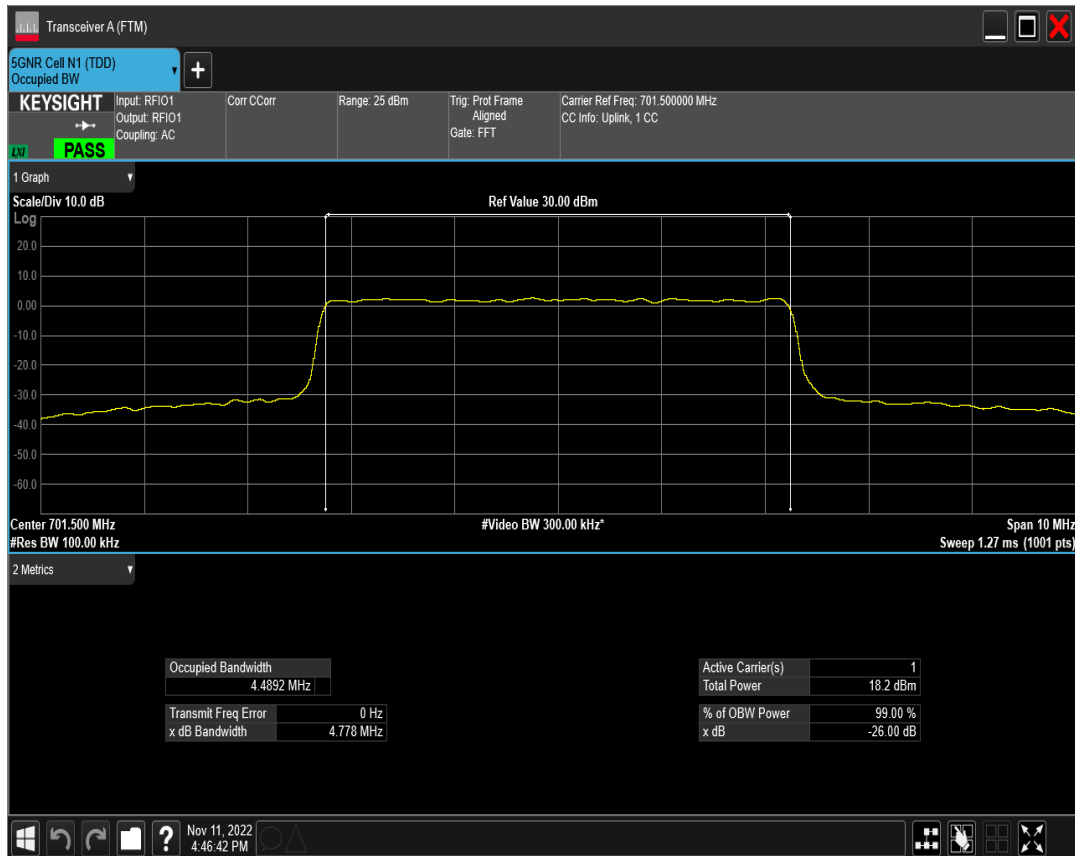
n12 SCS=15kHz DFT_QAM16 BW=5MHz Channel=140300 RB=25@0



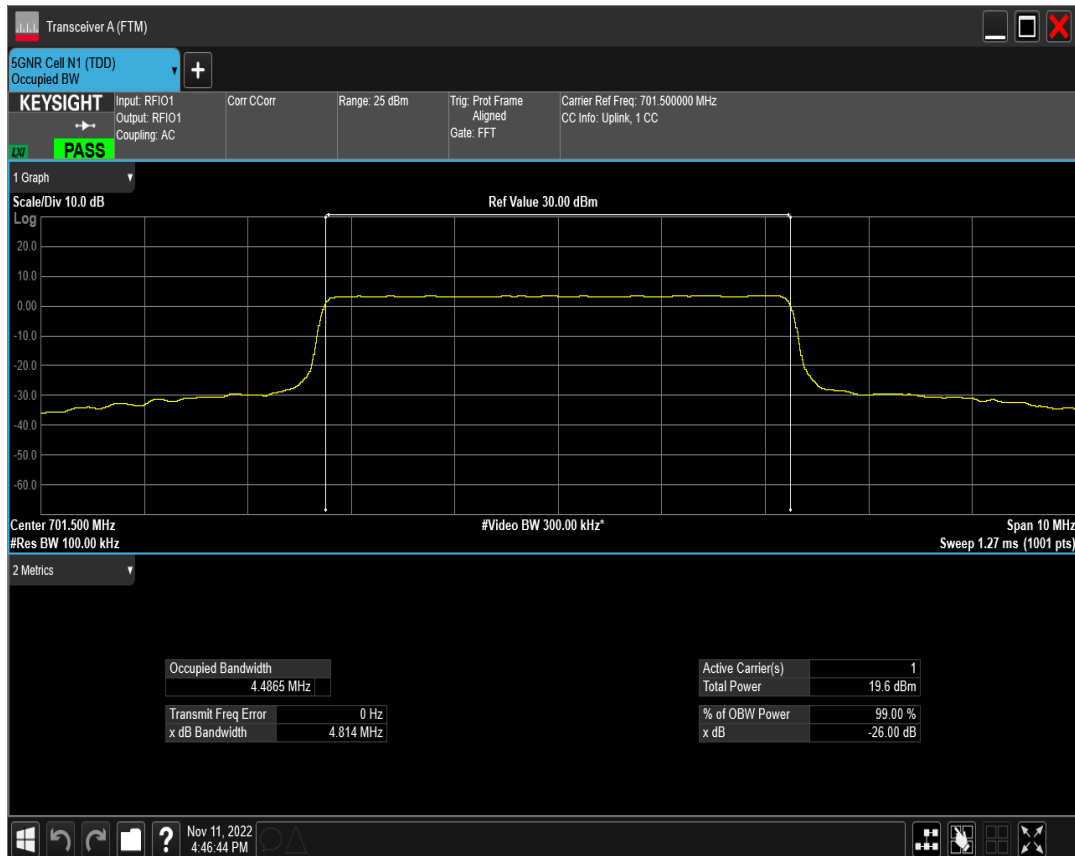
n12 SCS=15kHz DFT_QAM64 BW=5MHz Channel=140300 RB=25@0



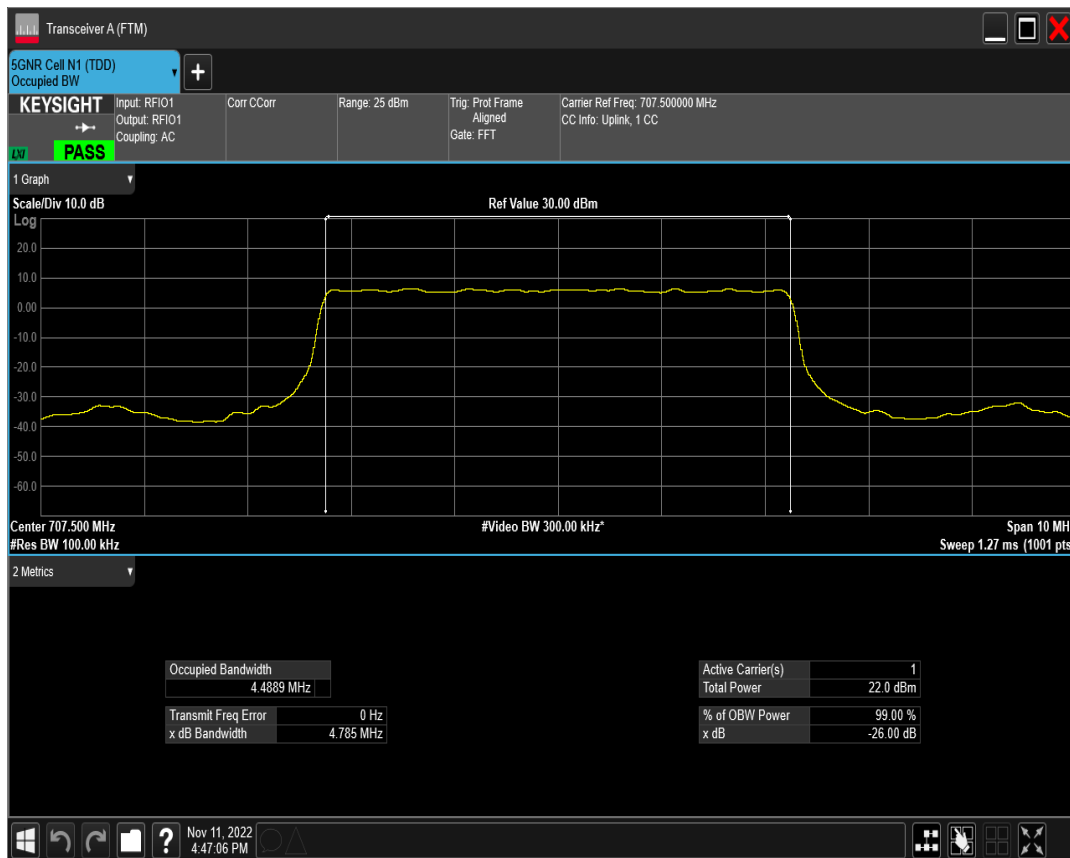
n12 SCS=15kHz DFT_QAM256 BW=5MHz Channel=140300 RB=25@0



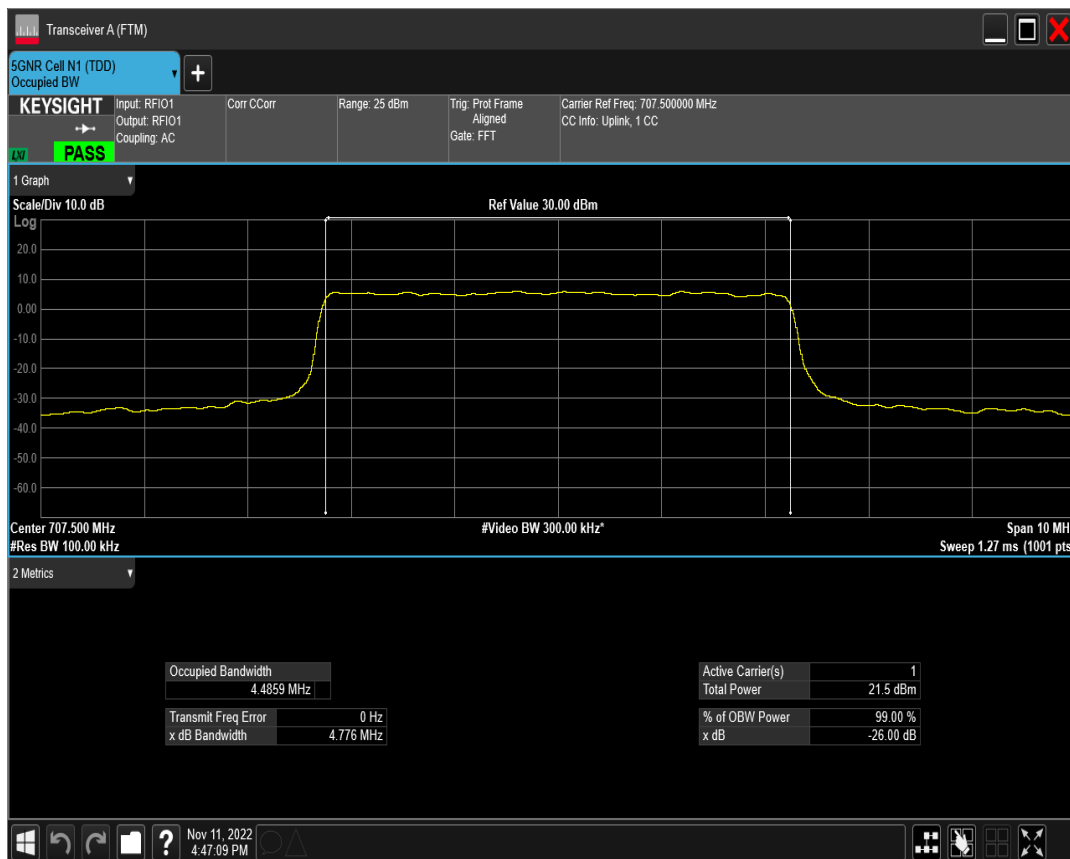
n12 SCS=15kHz CP_QPSK BW=5MHz Channel=140300 RB=25@0



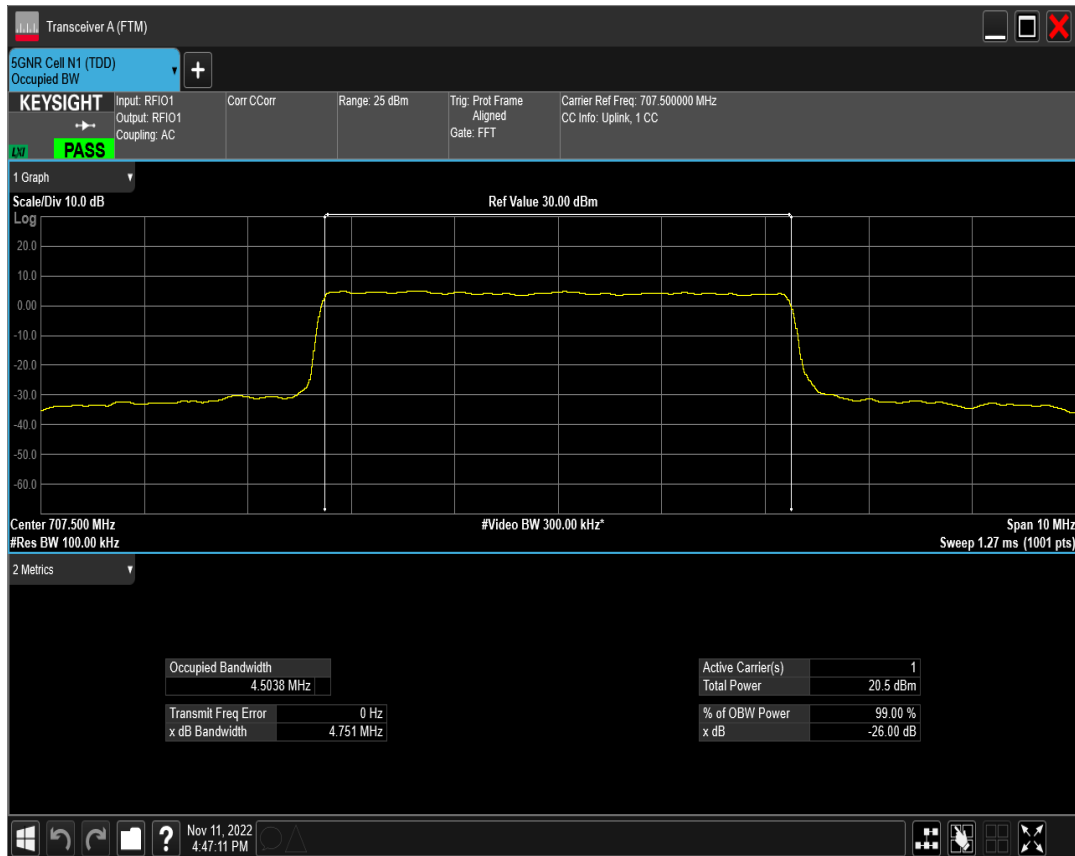
n12 SCS=15kHz DFT_BPSK BW=5MHz Channel=141500 RB=25@0



n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=141500 RB=25@0



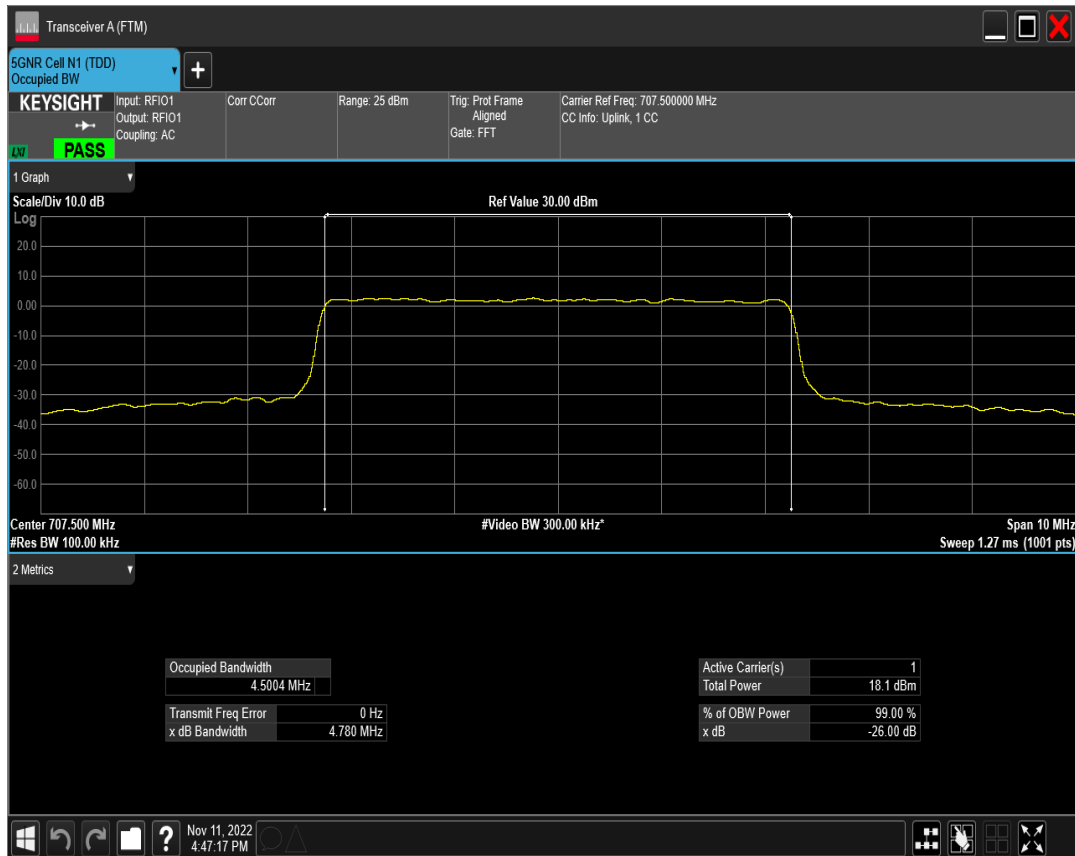
n12 SCS=15kHz DFT_QAM16 BW=5MHz Channel=141500 RB=25@0



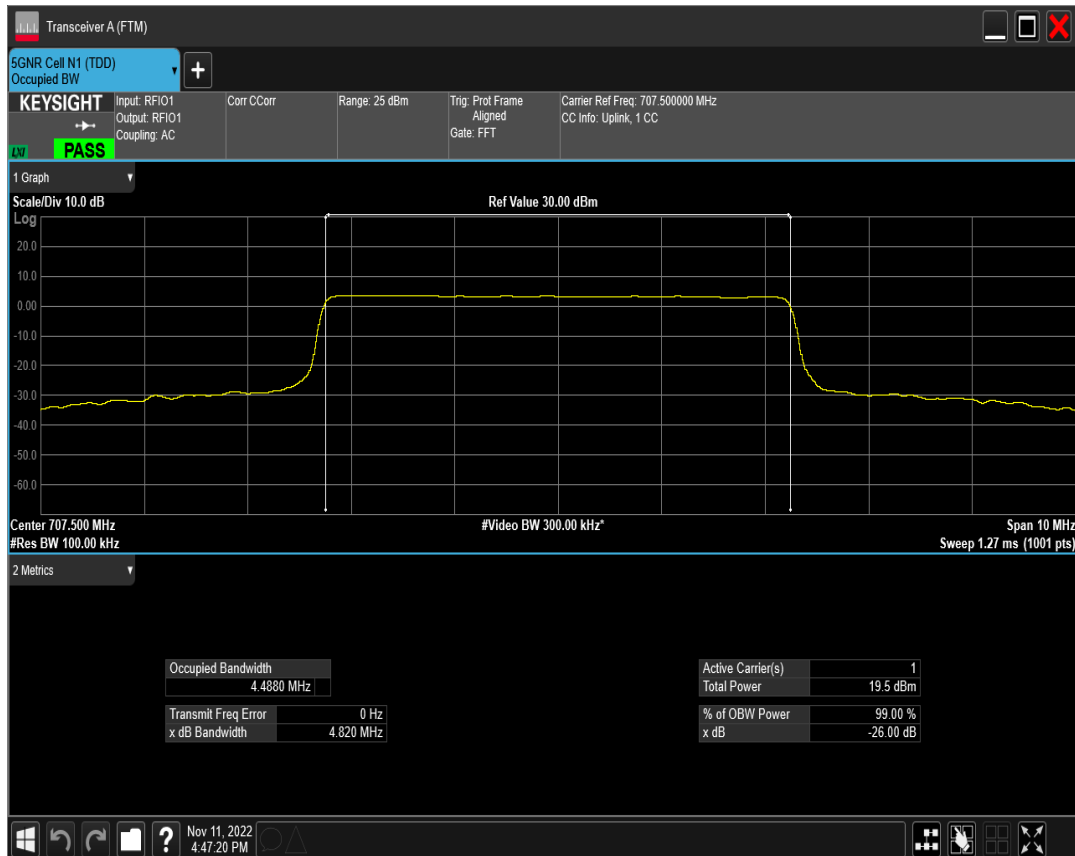
n12 SCS=15kHz DFT_QAM64 BW=5MHz Channel=141500 RB=25@0



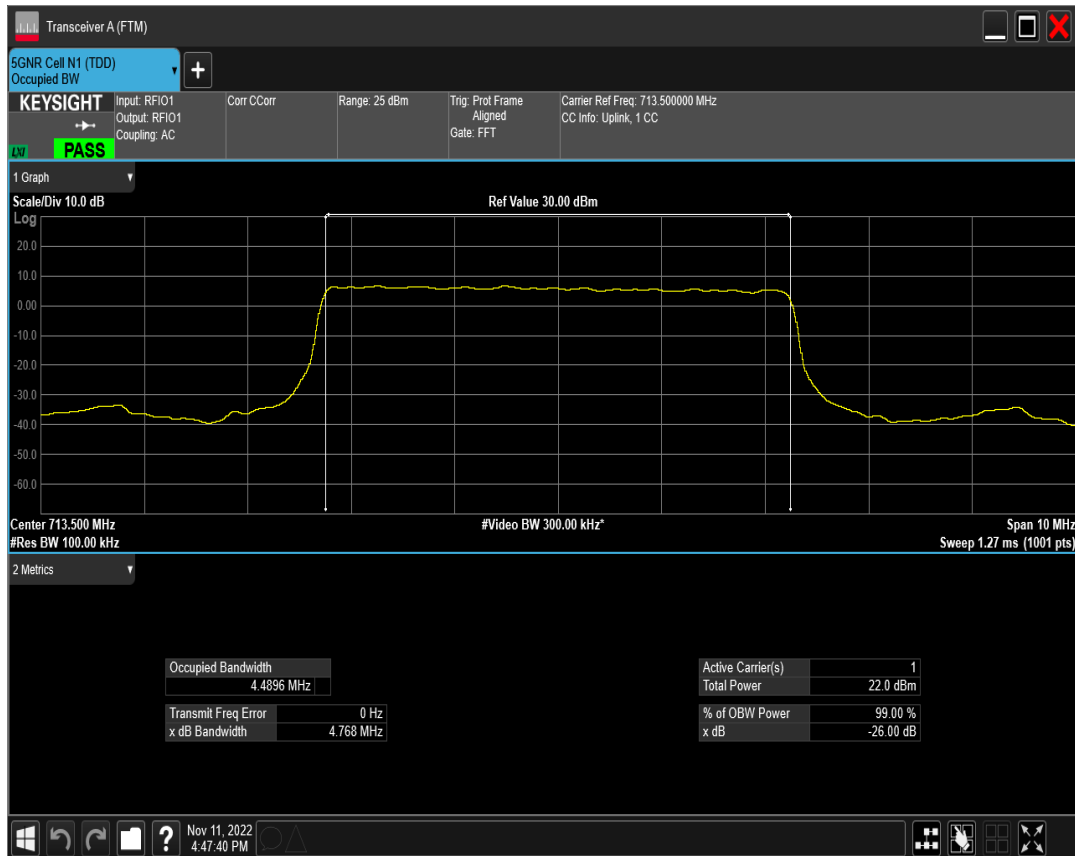
n12 SCS=15kHz DFT_QAM256 BW=5MHz Channel=141500 RB=25@0



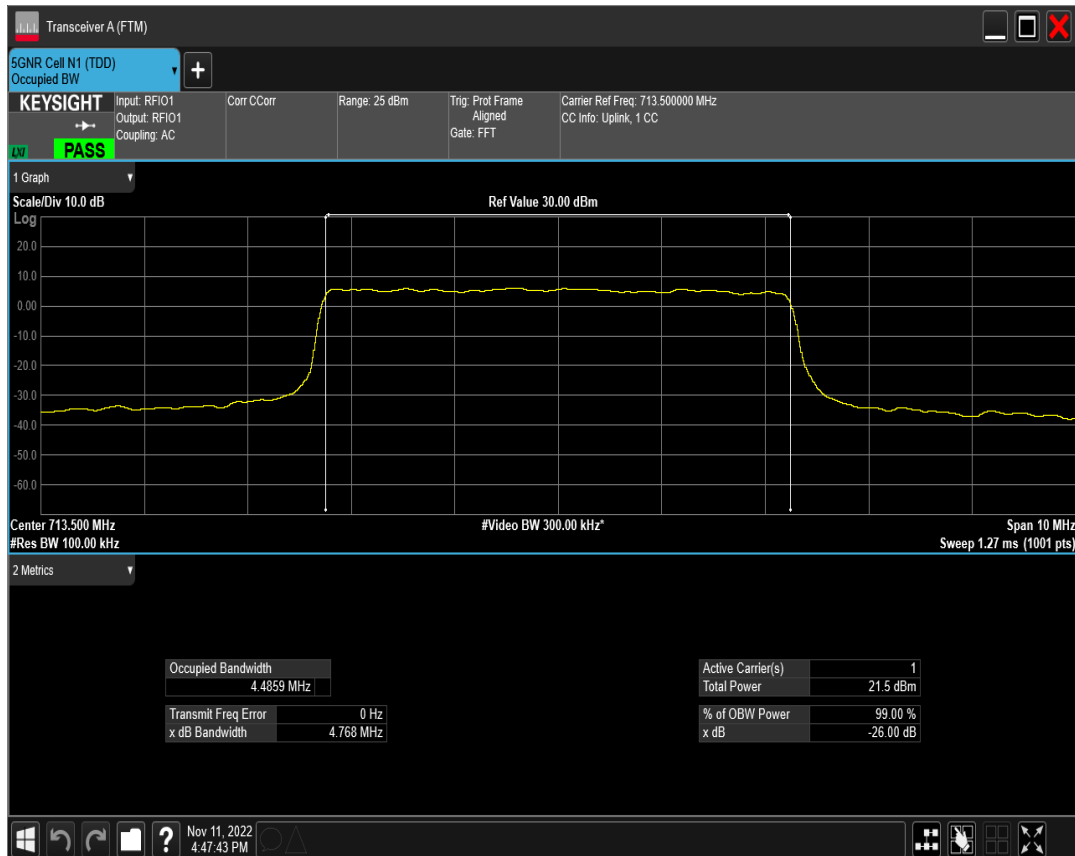
n12 SCS=15kHz CP_QPSK BW=5MHz Channel=141500 RB=25@0



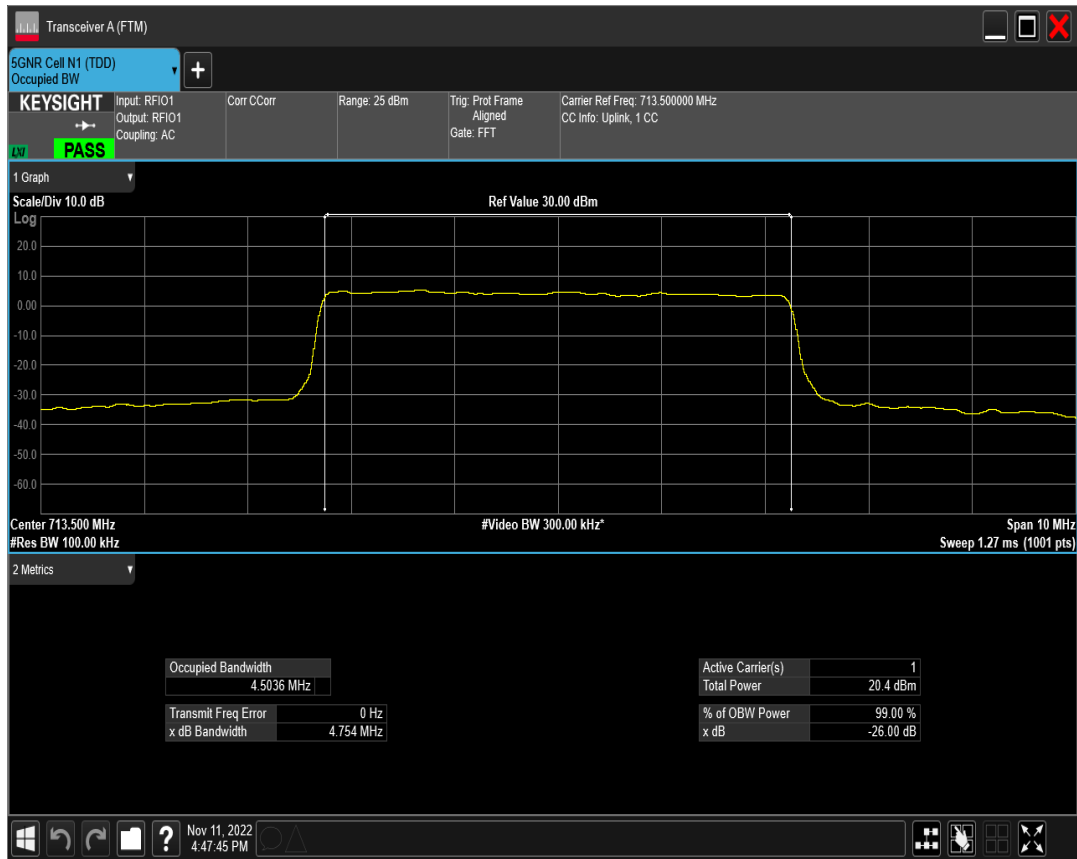
n12 SCS=15kHz DFT_BPSK BW=5MHz Channel=142700 RB=25@0



n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=142700 RB=25@0



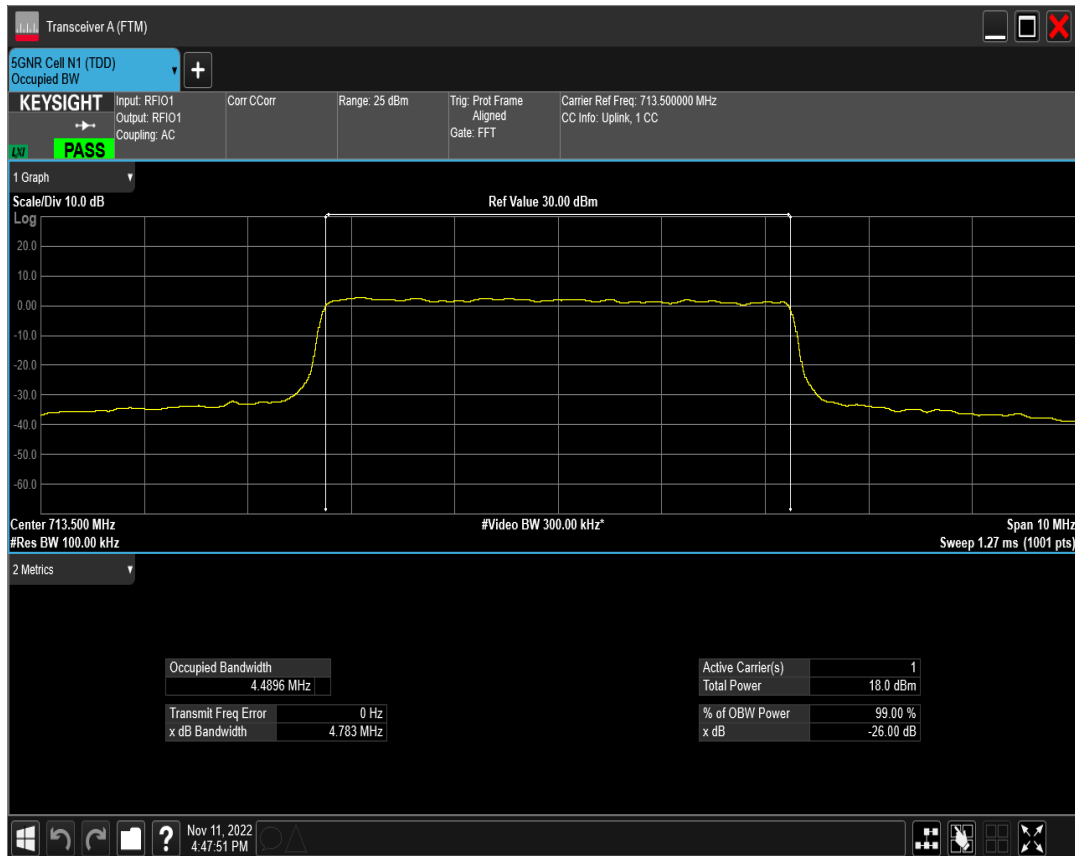
n12 SCS=15kHz DFT_QAM16 BW=5MHz Channel=142700 RB=25@0



n12 SCS=15kHz DFT_QAM64 BW=5MHz Channel=142700 RB=25@0



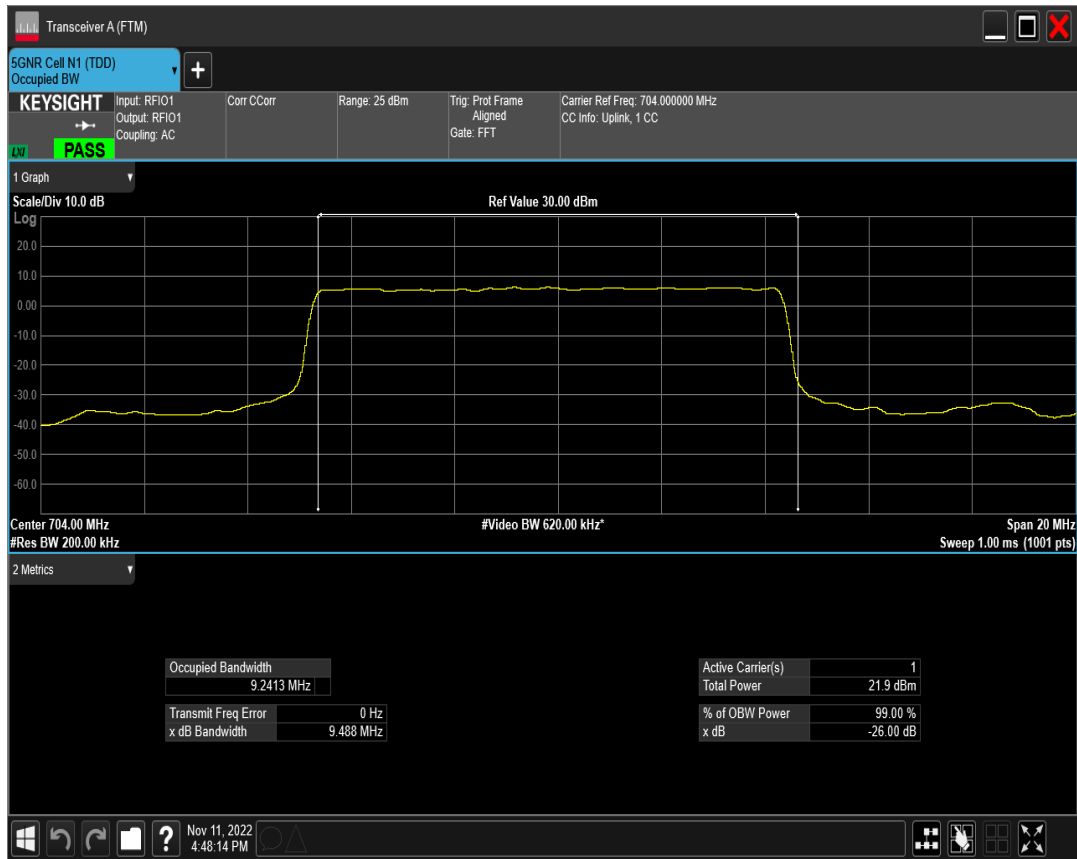
n12 SCS=15kHz DFT_QAM256 BW=5MHz Channel=142700 RB=25@0



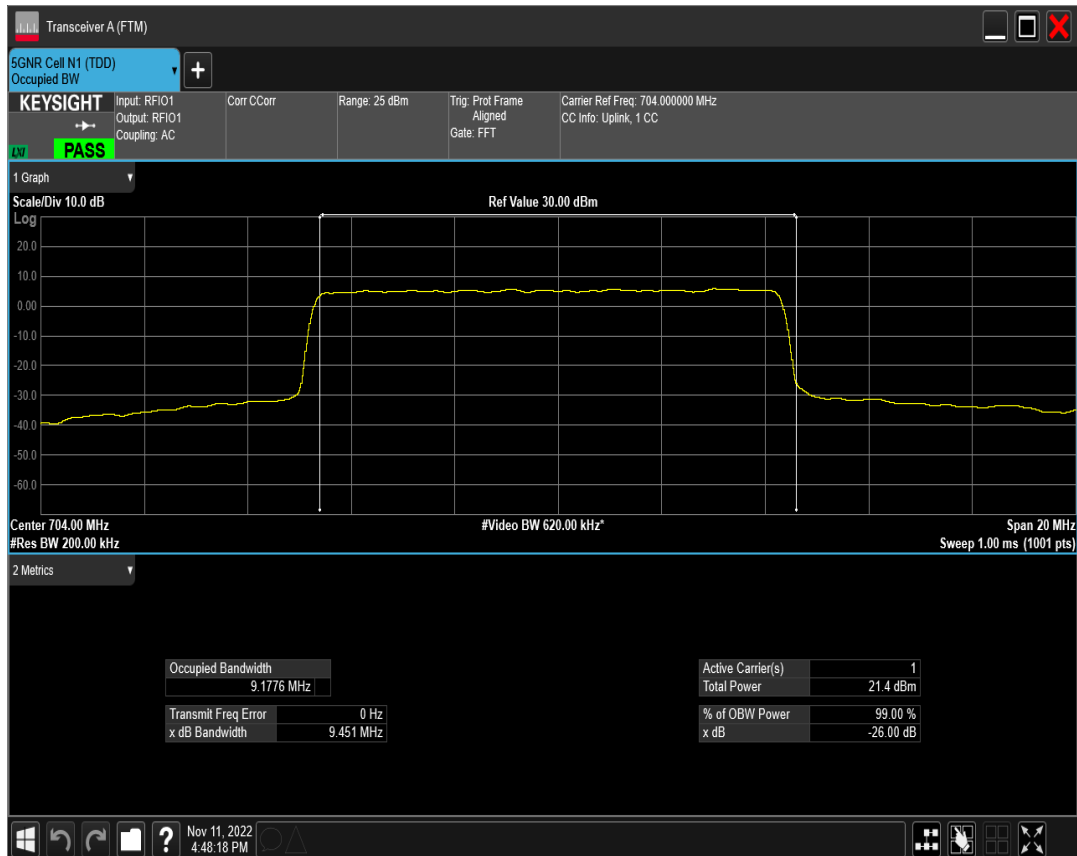
n12 SCS=15kHz CP_QPSK BW=5MHz Channel=142700 RB=25@0



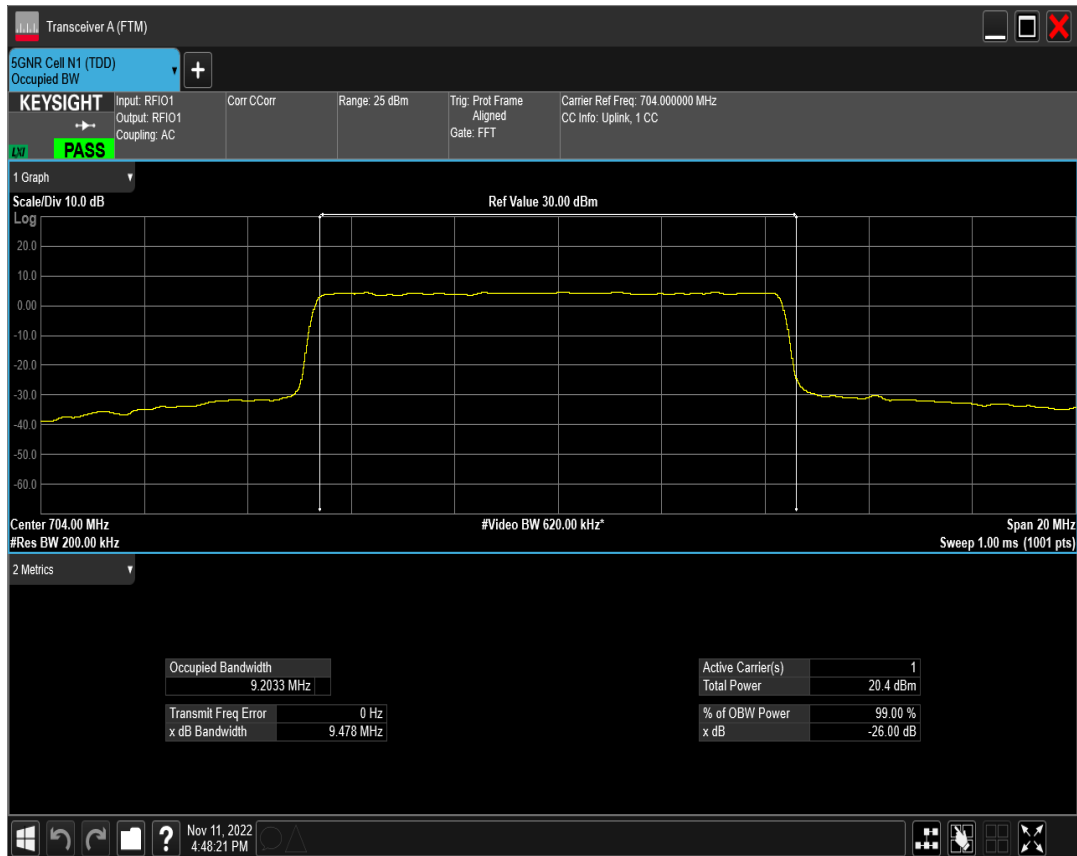
n12 SCS=15kHz DFT_BPSK BW=10MHz Channel=140800 RB=50@0



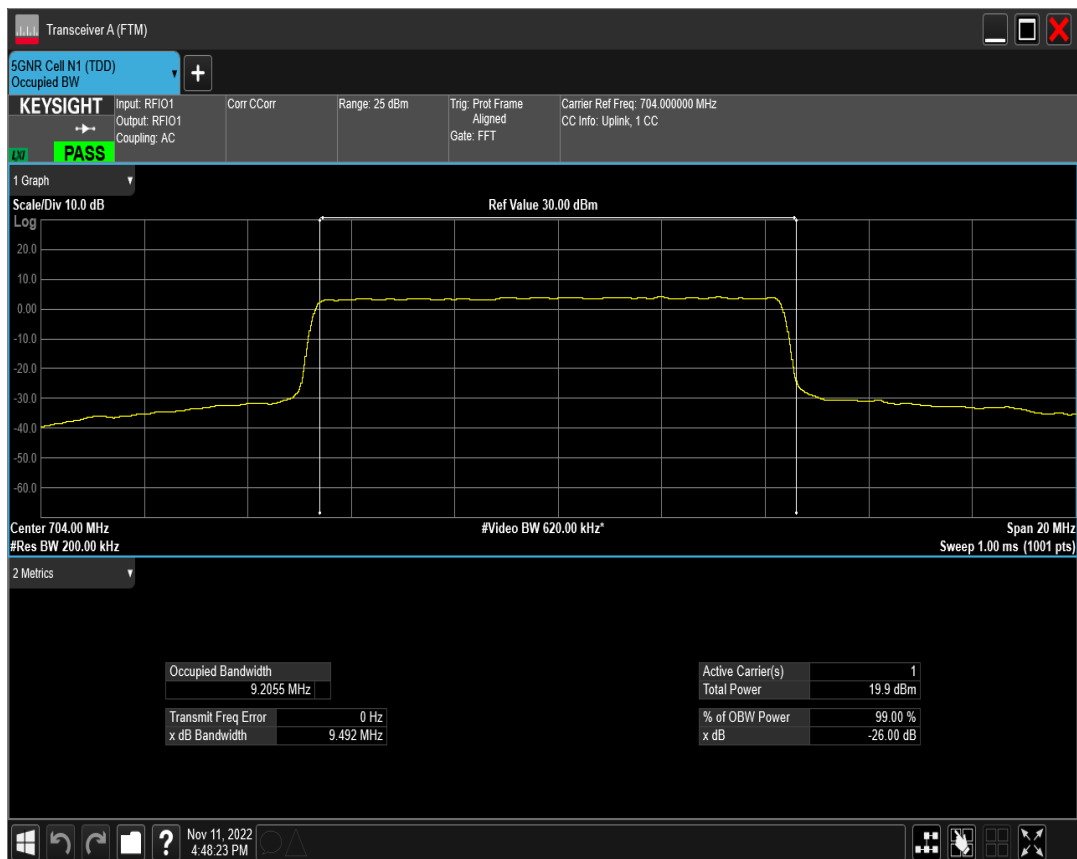
n12 SCS=15kHz DFT_QPSK BW=10MHz Channel=140800 RB=50@0



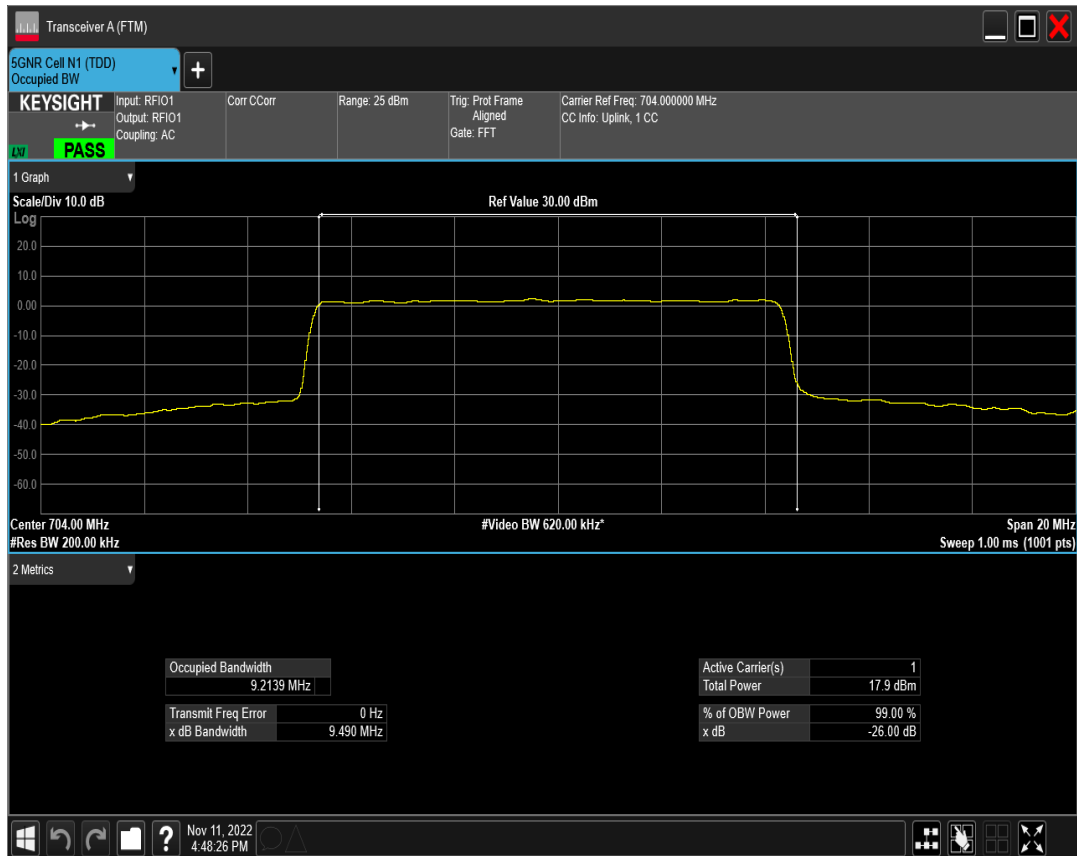
n12 SCS=15kHz DFT_QAM16 BW=10MHz Channel=140800 RB=50@0



n12 SCS=15kHz DFT_QAM64 BW=10MHz Channel=140800 RB=50@0



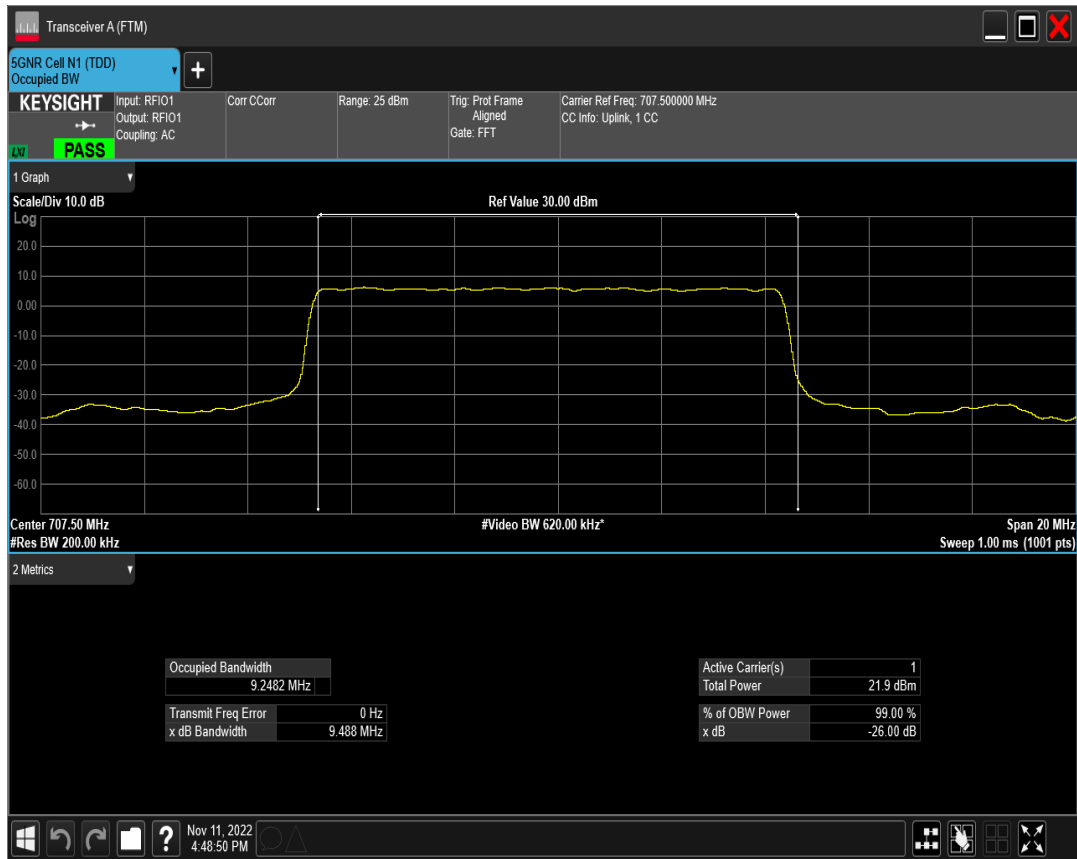
n12 SCS=15kHz DFT_QAM256 BW=10MHz Channel=140800 RB=50@0



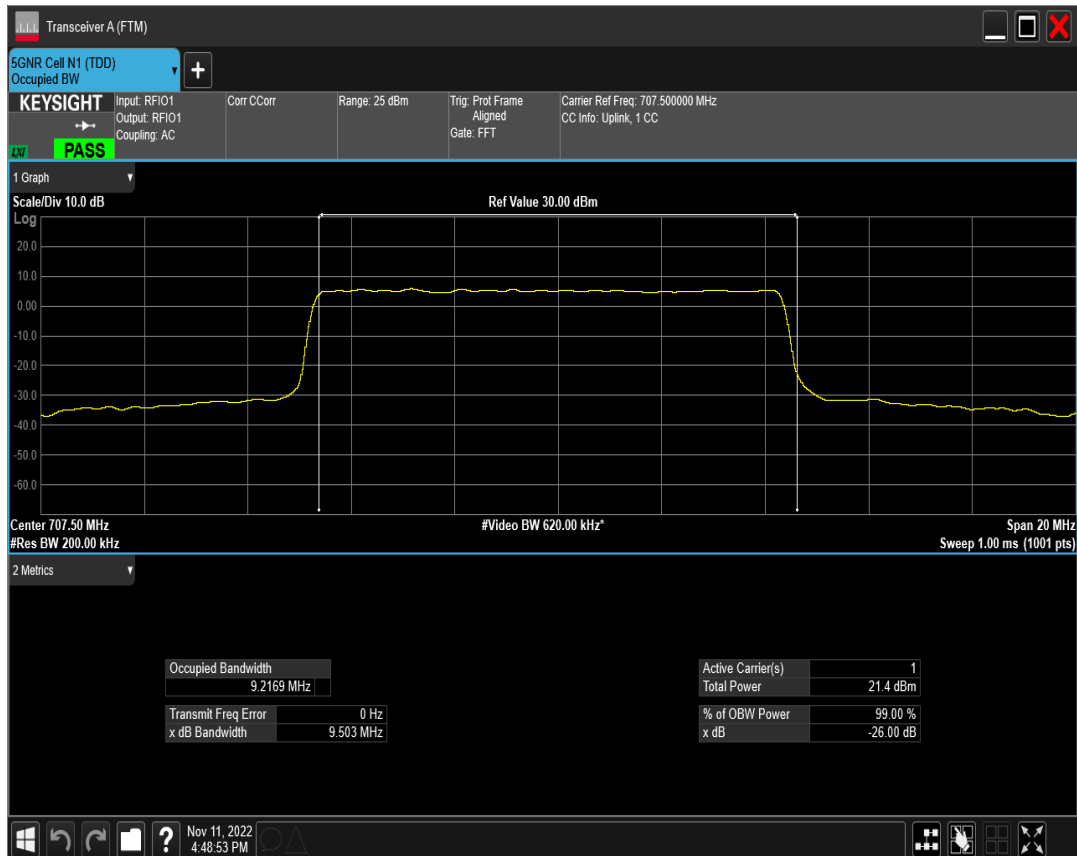
n12 SCS=15kHz CP_QPSK BW=10MHz Channel=140800 RB=52@0



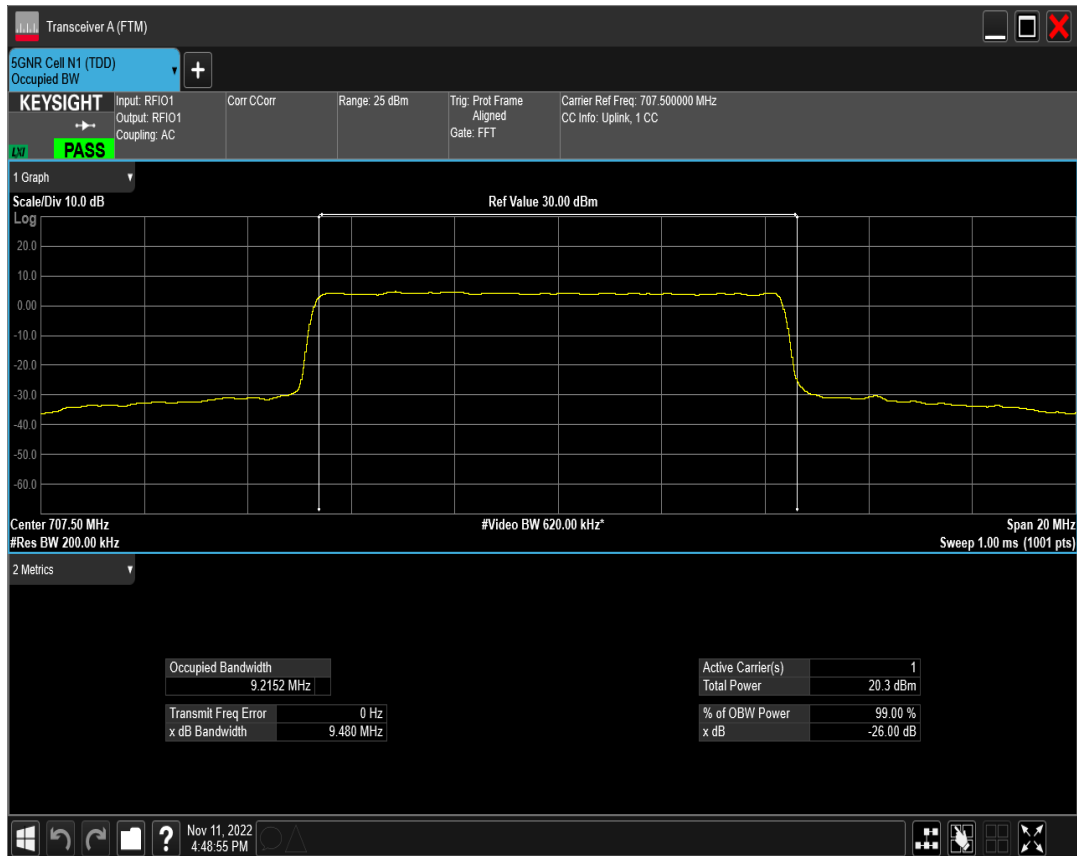
n12 SCS=15kHz DFT_BPSK BW=10MHz Channel=141500 RB=50@0



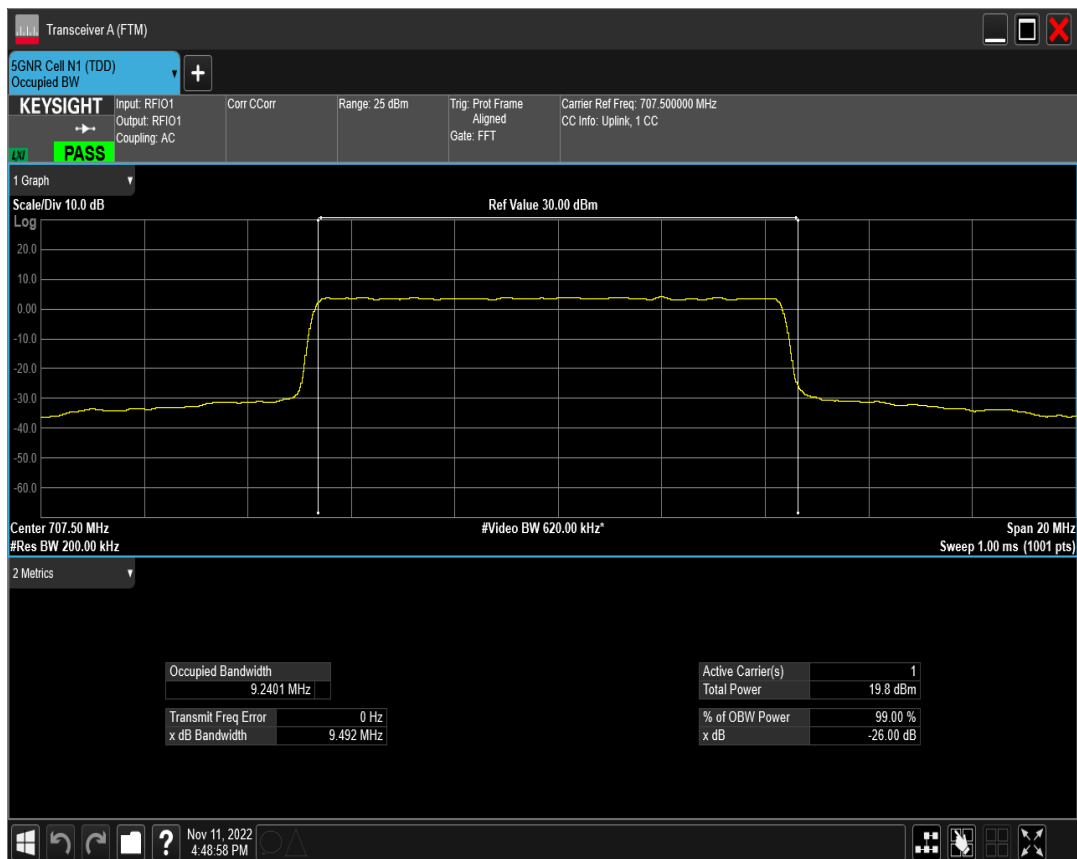
n12 SCS=15kHz DFT_QPSK BW=10MHz Channel=141500 RB=50@0



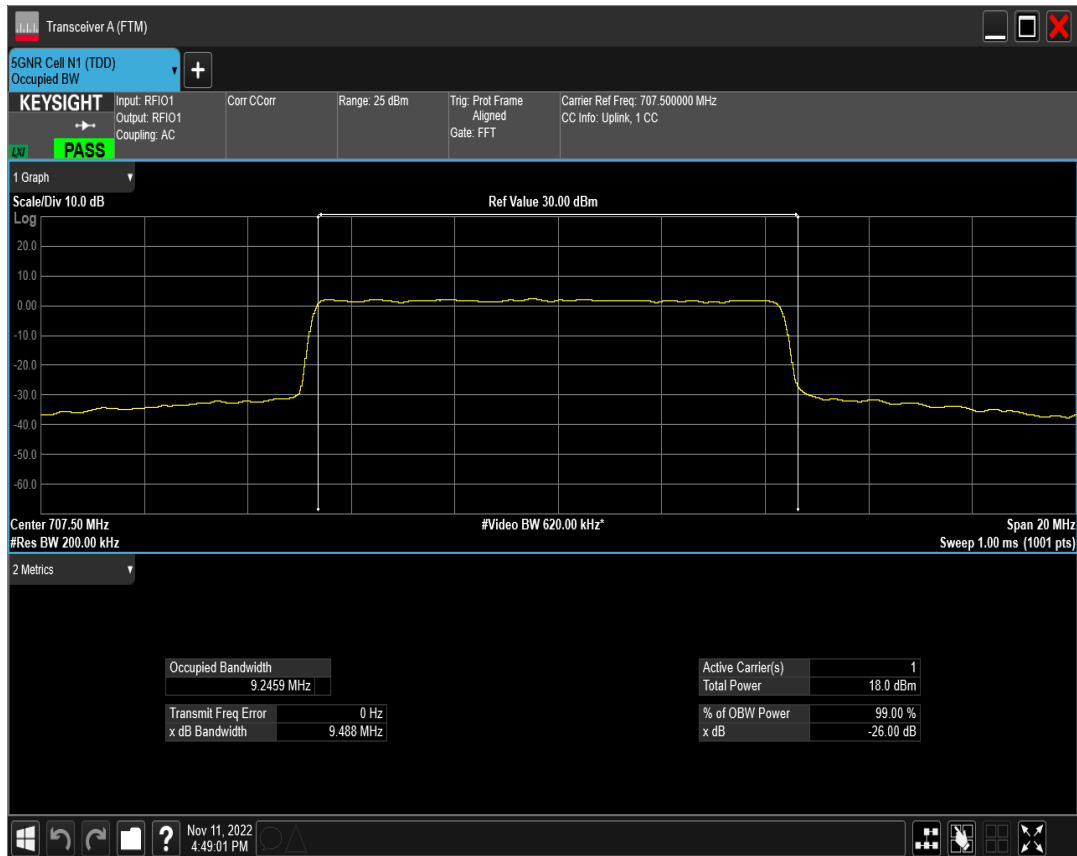
n12 SCS=15kHz DFT_QAM16 BW=10MHz Channel=141500 RB=50@0



n12 SCS=15kHz DFT_QAM64 BW=10MHz Channel=141500 RB=50@0



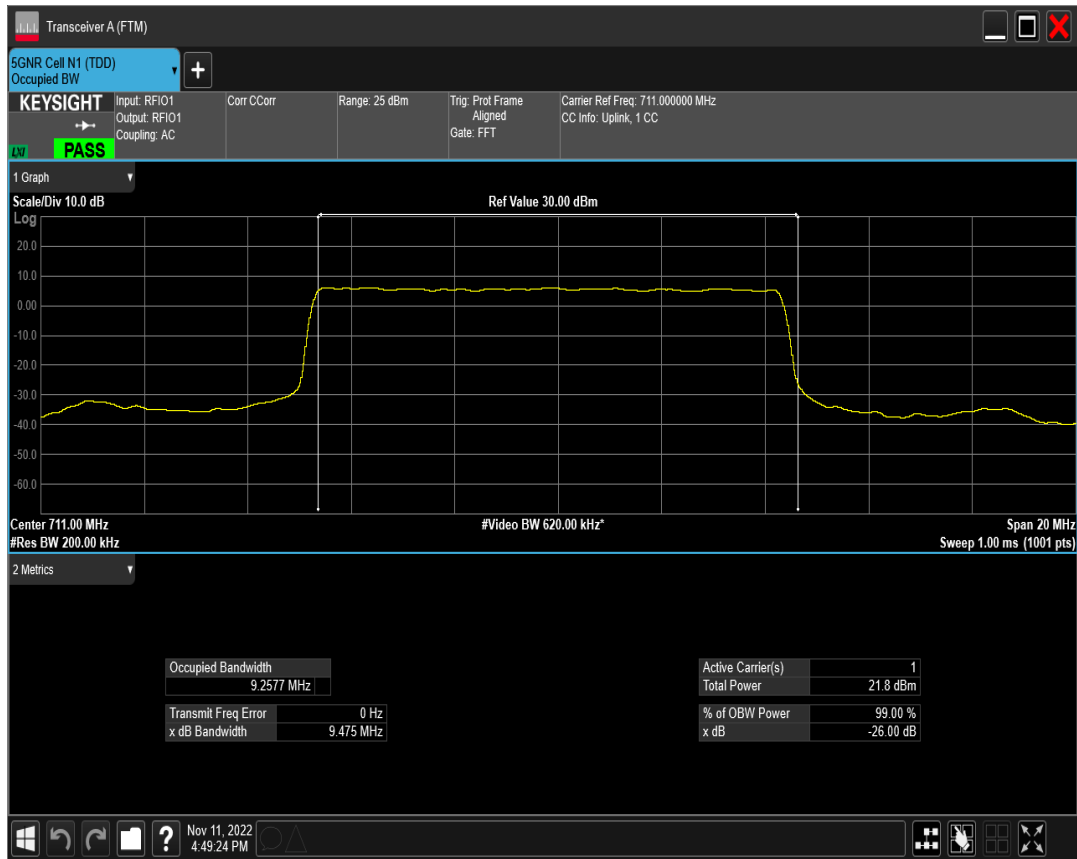
n12 SCS=15kHz DFT_QAM256 BW=10MHz Channel=141500 RB=50@0



n12 SCS=15kHz CP_QPSK BW=10MHz Channel=141500 RB=52@0



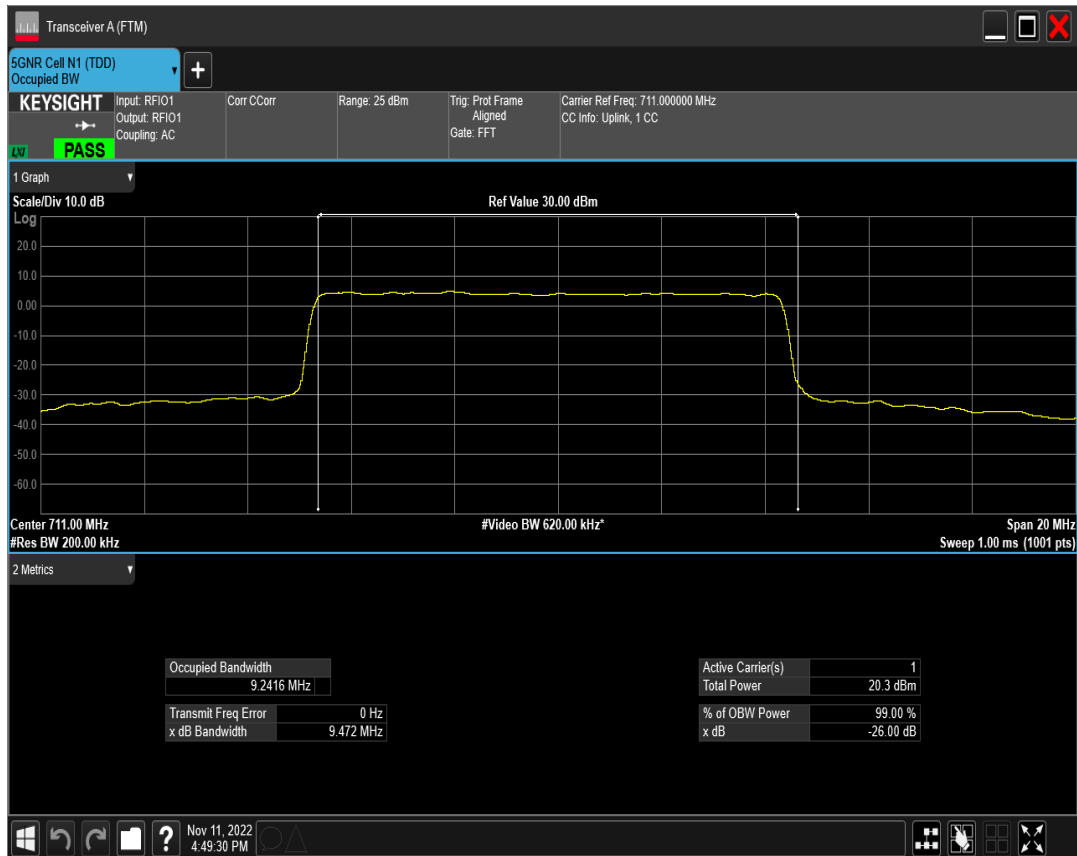
n12 SCS=15kHz DFT_BPSK BW=10MHz Channel=142200 RB=50@0



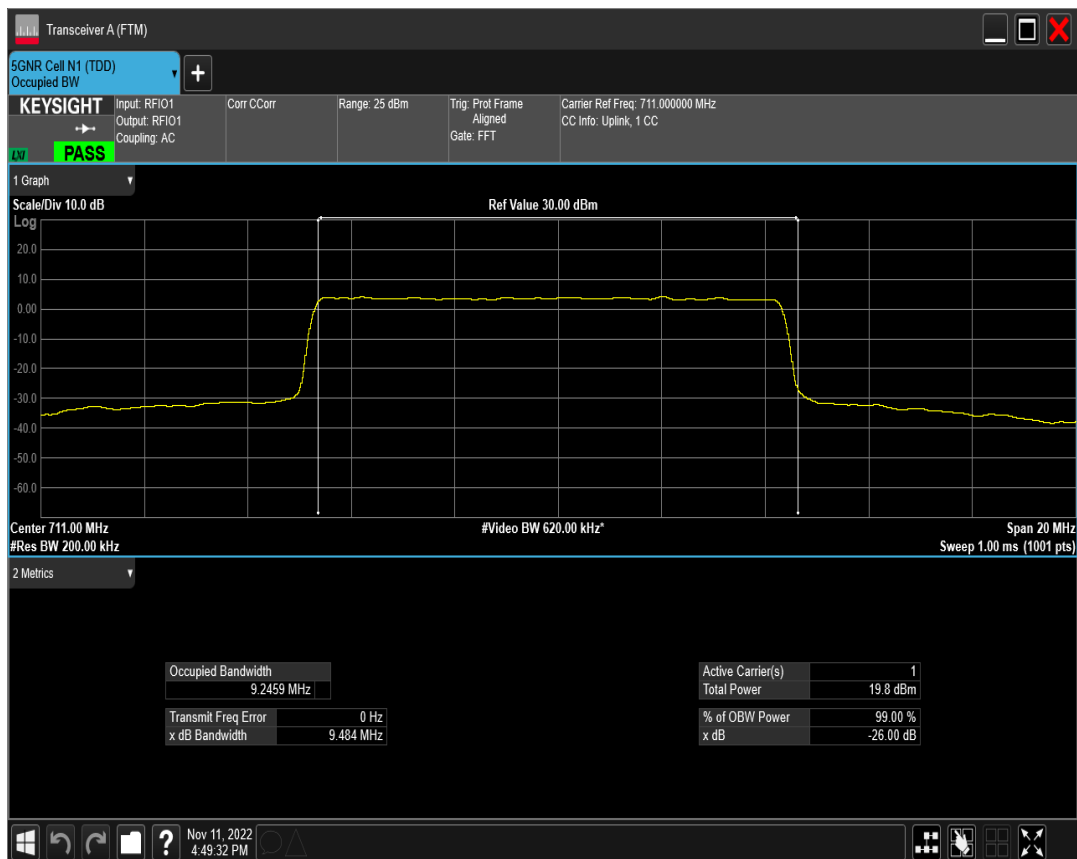
n12 SCS=15kHz DFT_QPSK BW=10MHz Channel=142200 RB=50@0



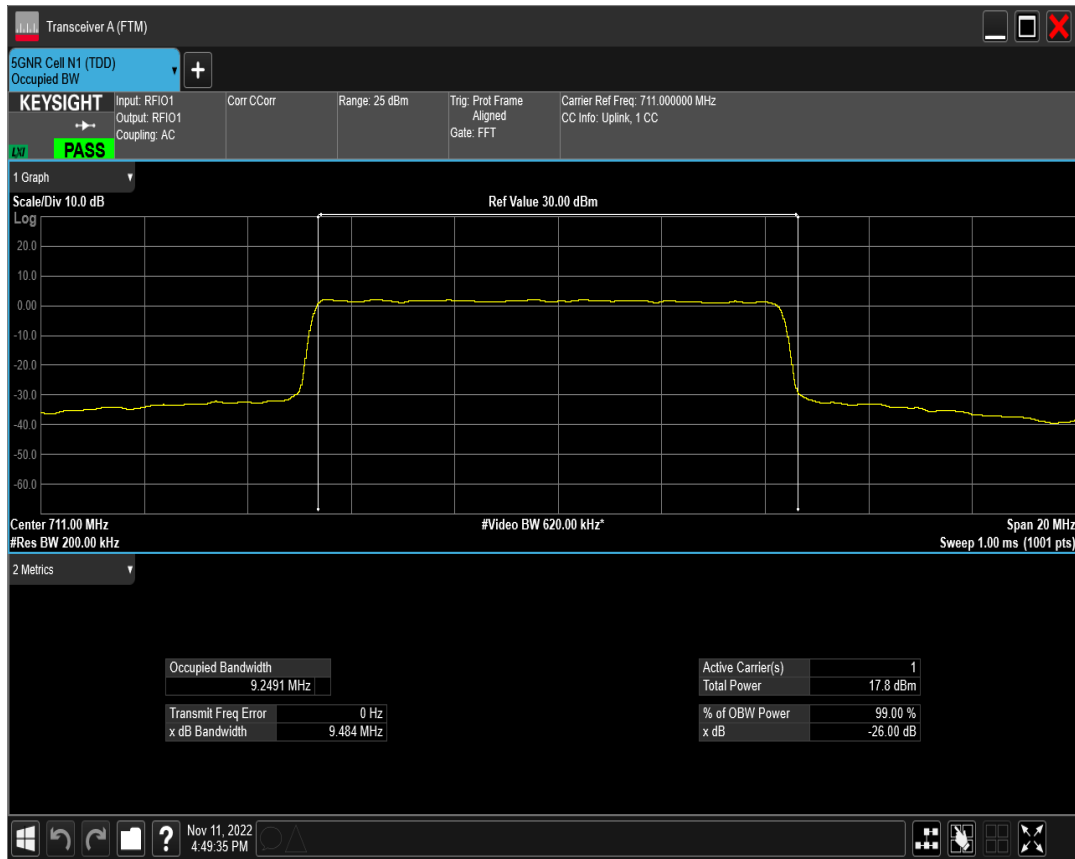
n12 SCS=15kHz DFT_QAM16 BW=10MHz Channel=142200 RB=50@0



n12 SCS=15kHz DFT_QAM64 BW=10MHz Channel=142200 RB=50@0



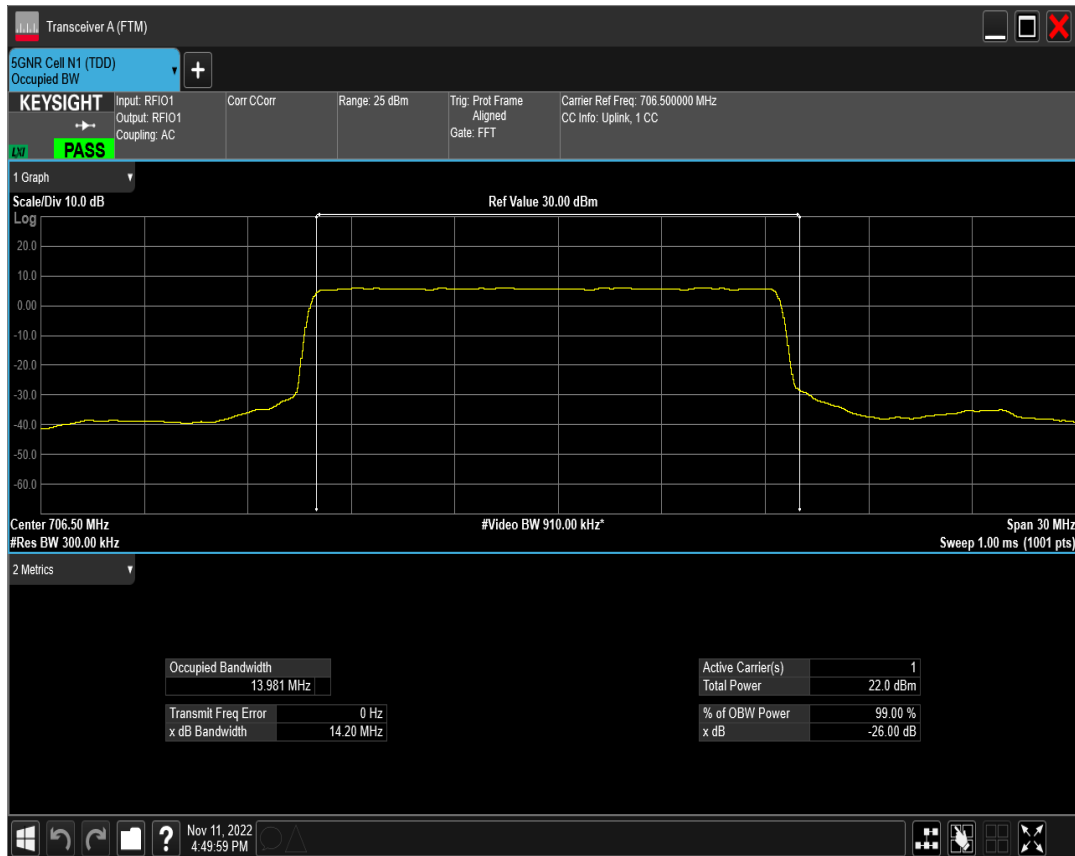
n12 SCS=15kHz DFT_QAM256 BW=10MHz Channel=142200 RB=50@0



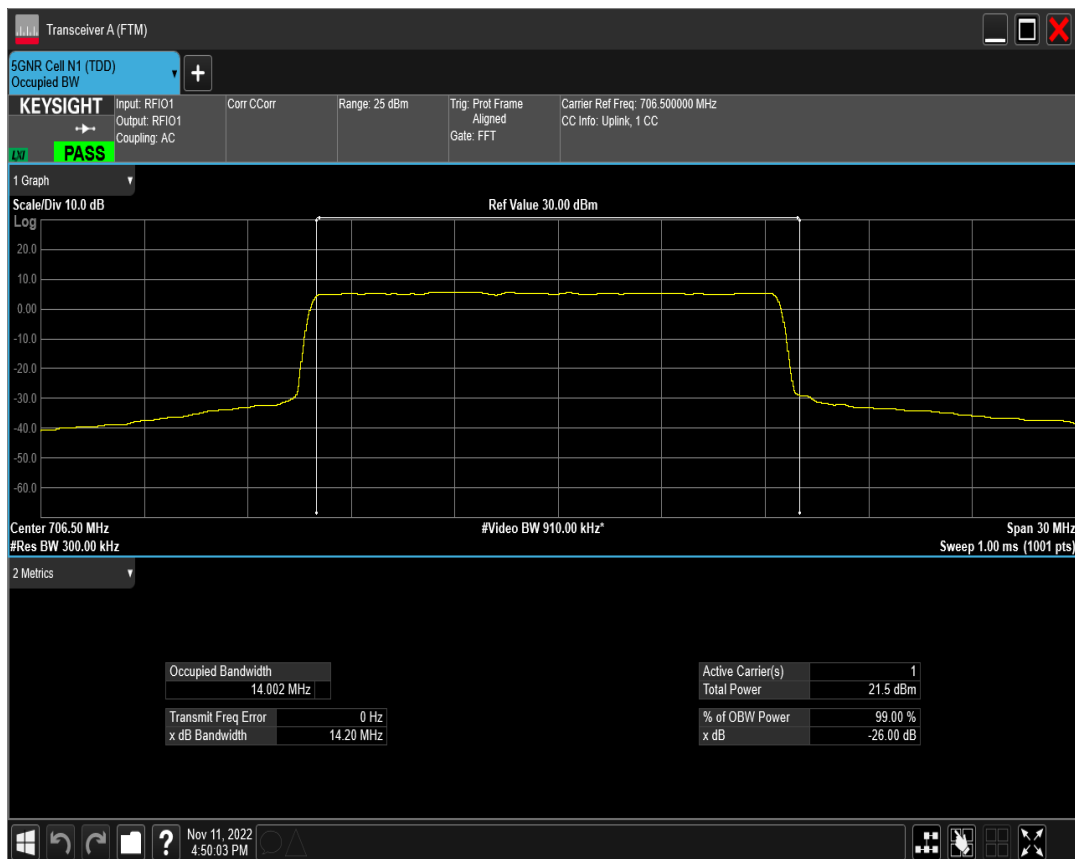
n12 SCS=15kHz CP_QPSK BW=10MHz Channel=142200 RB=52@0



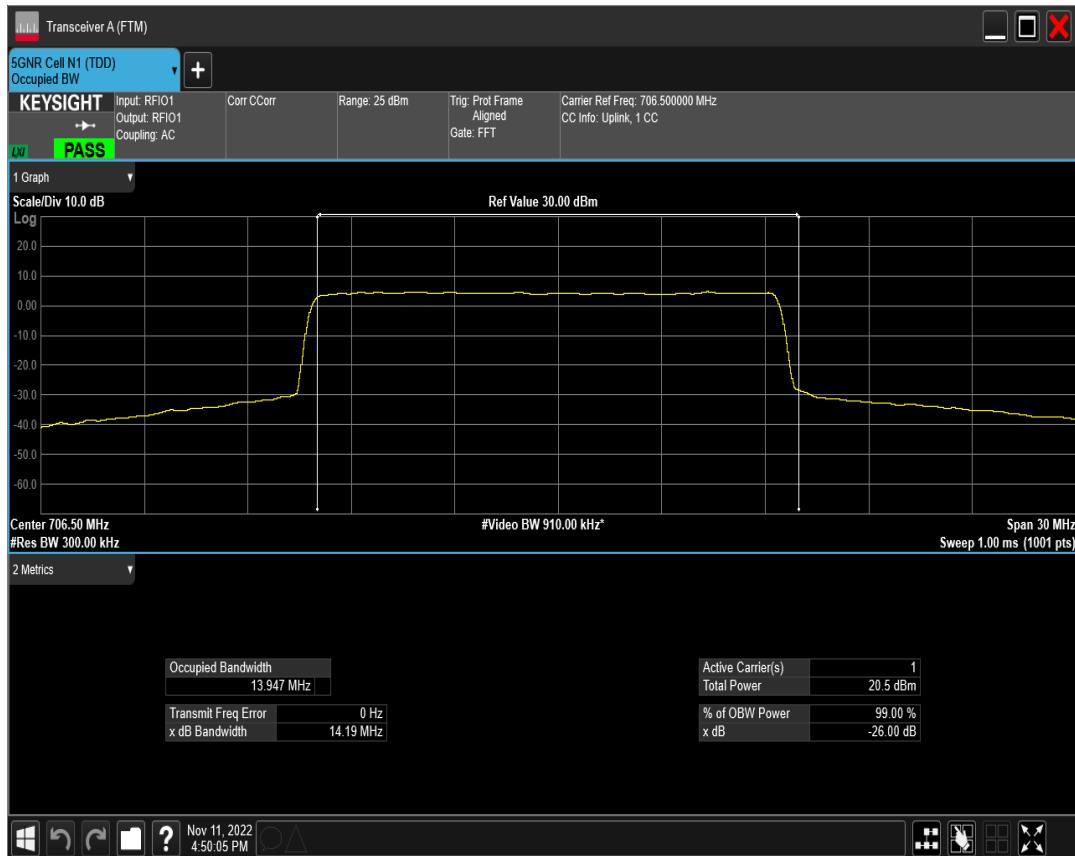
n12 SCS=15kHz DFT_BPSK BW=15MHz Channel=141300 RB=75@0



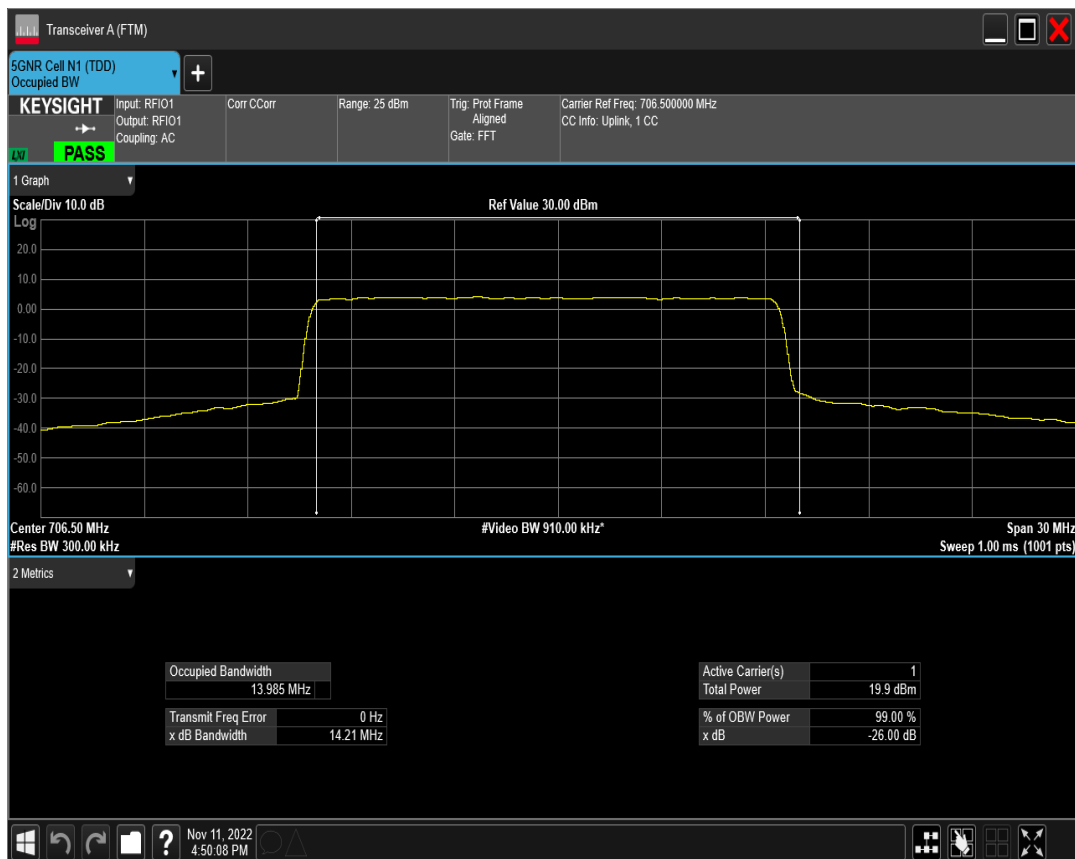
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141300 RB=75@0



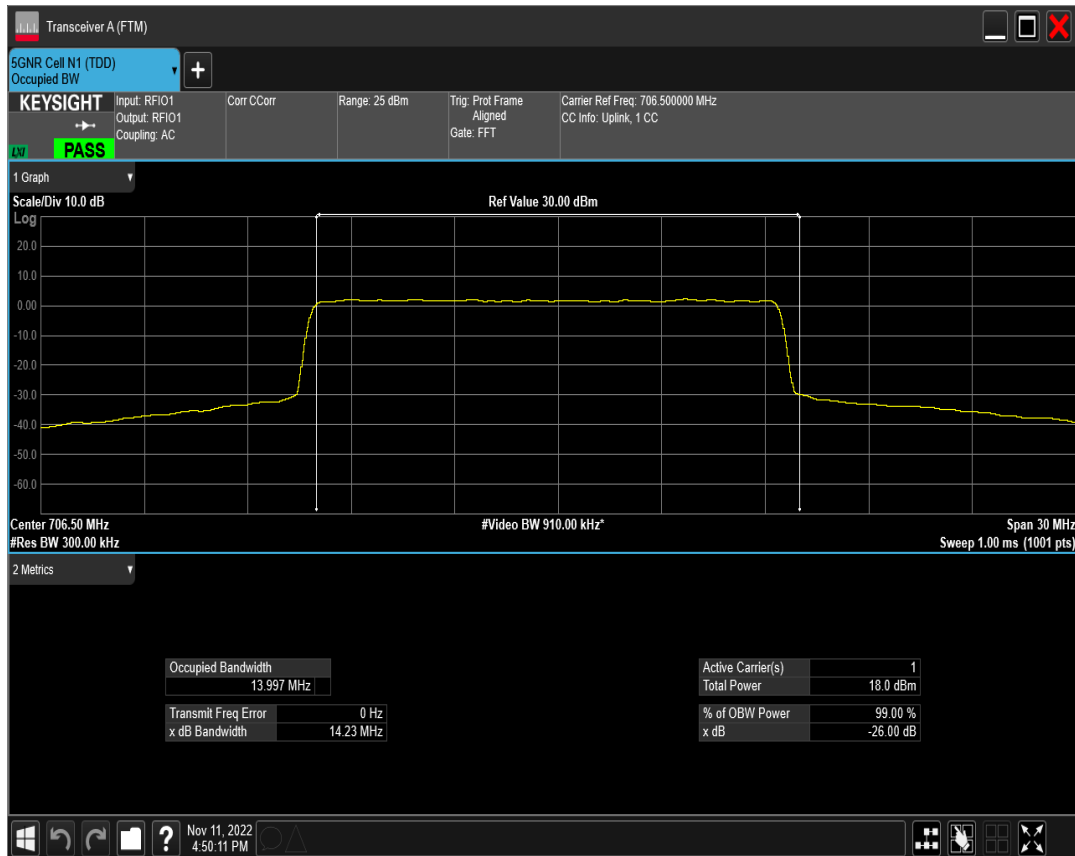
n12 SCS=15kHz DFT_QAM16 BW=15MHz Channel=141300 RB=75@0



n12 SCS=15kHz DFT_QAM64 BW=15MHz Channel=141300 RB=75@0



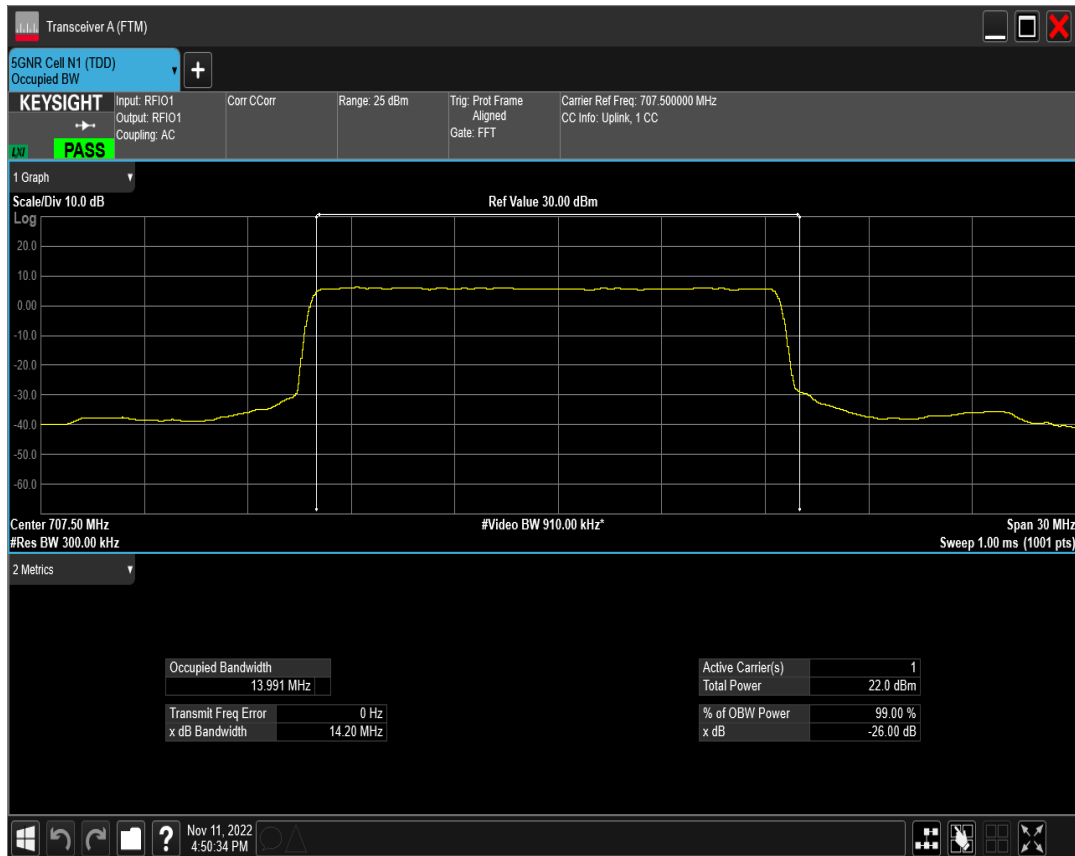
n12 SCS=15kHz DFT_QAM256 BW=15MHz Channel=141300 RB=75@0



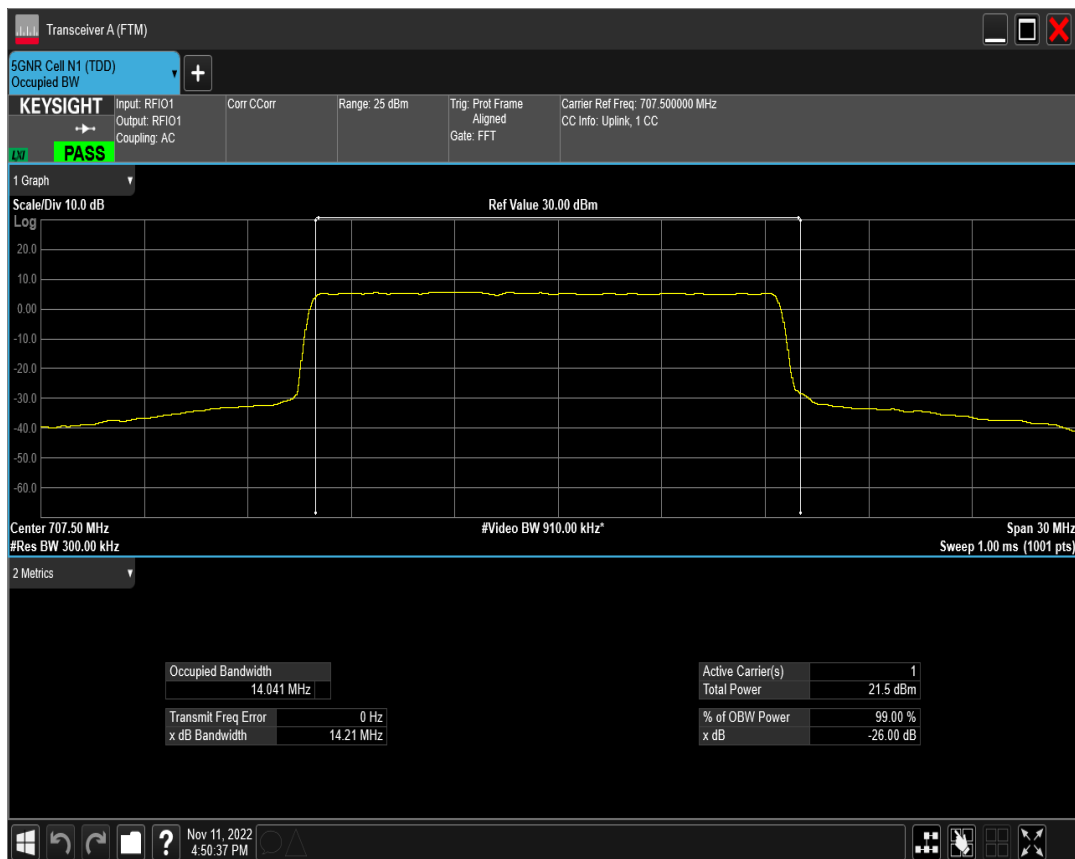
n12 SCS=15kHz CP_QPSK BW=15MHz Channel=141300 RB=79@0



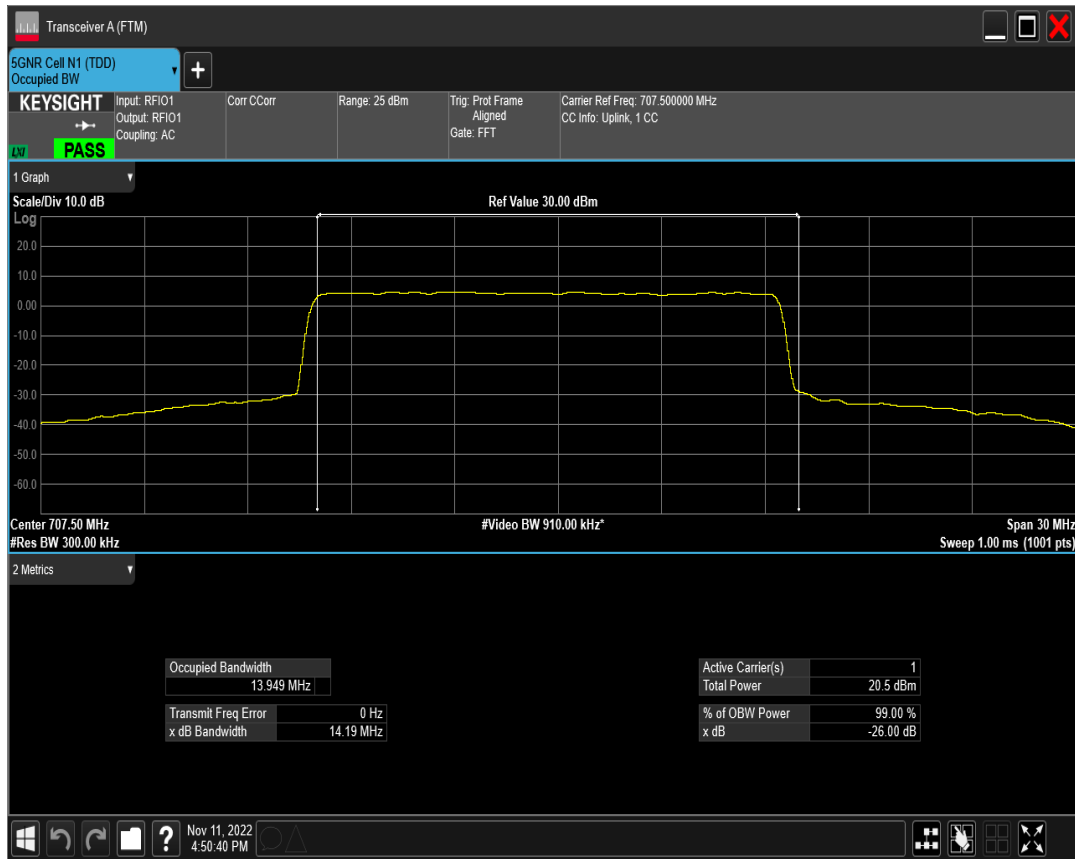
n12 SCS=15kHz DFT_BPSK BW=15MHz Channel=141500 RB=75@0



n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141500 RB=75@0



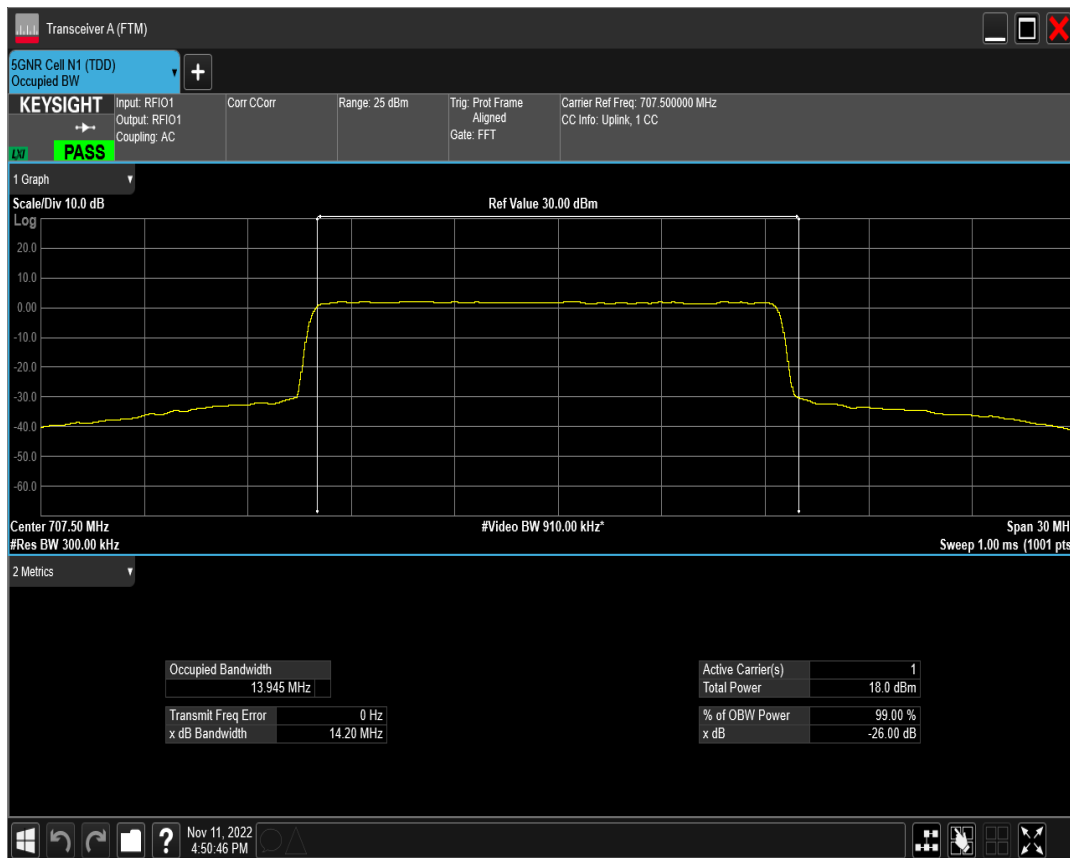
n12 SCS=15kHz DFT_QAM16 BW=15MHz Channel=141500 RB=75@0



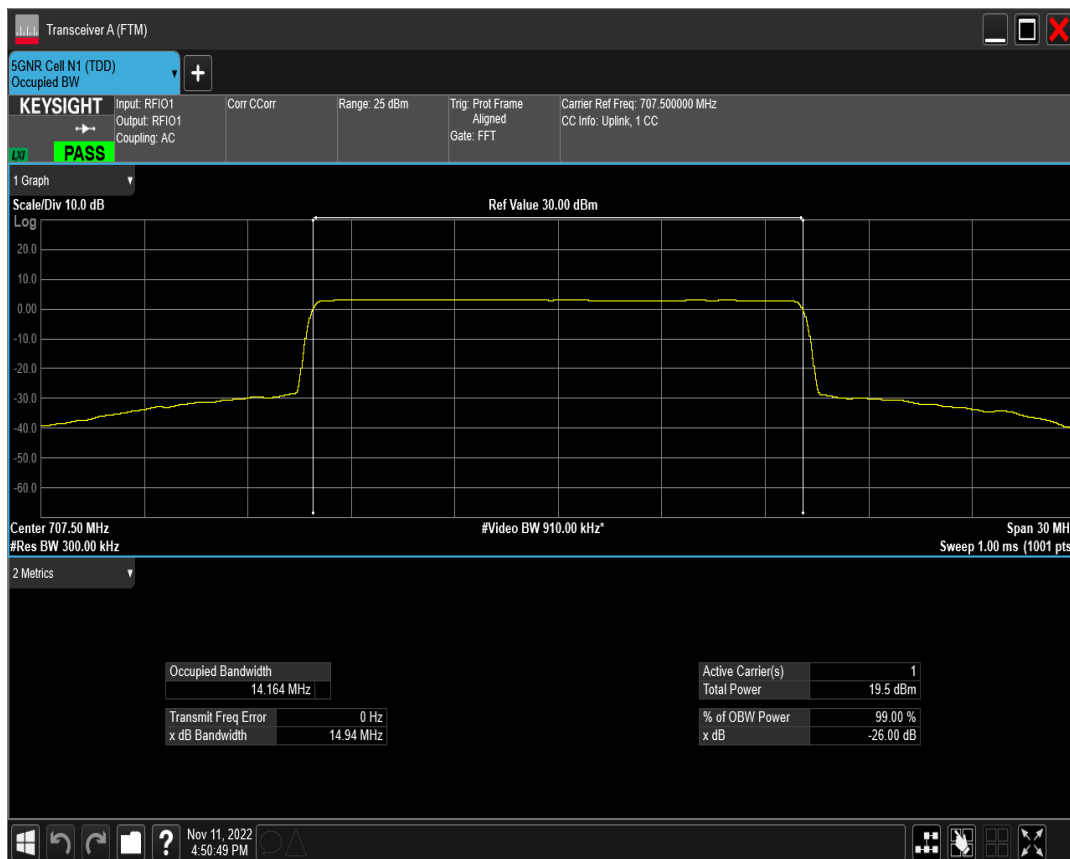
n12 SCS=15kHz DFT_QAM64 BW=15MHz Channel=141500 RB=75@0



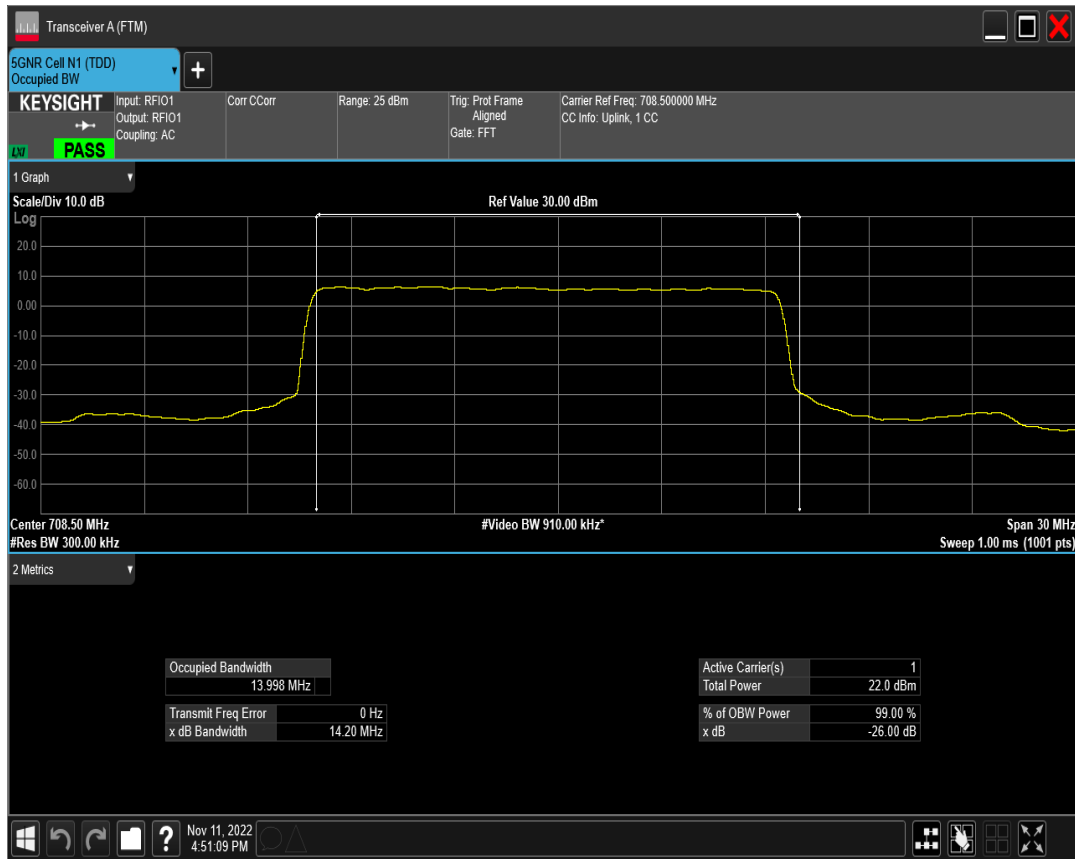
n12 SCS=15kHz DFT_QAM256 BW=15MHz Channel=141500 RB=75@0



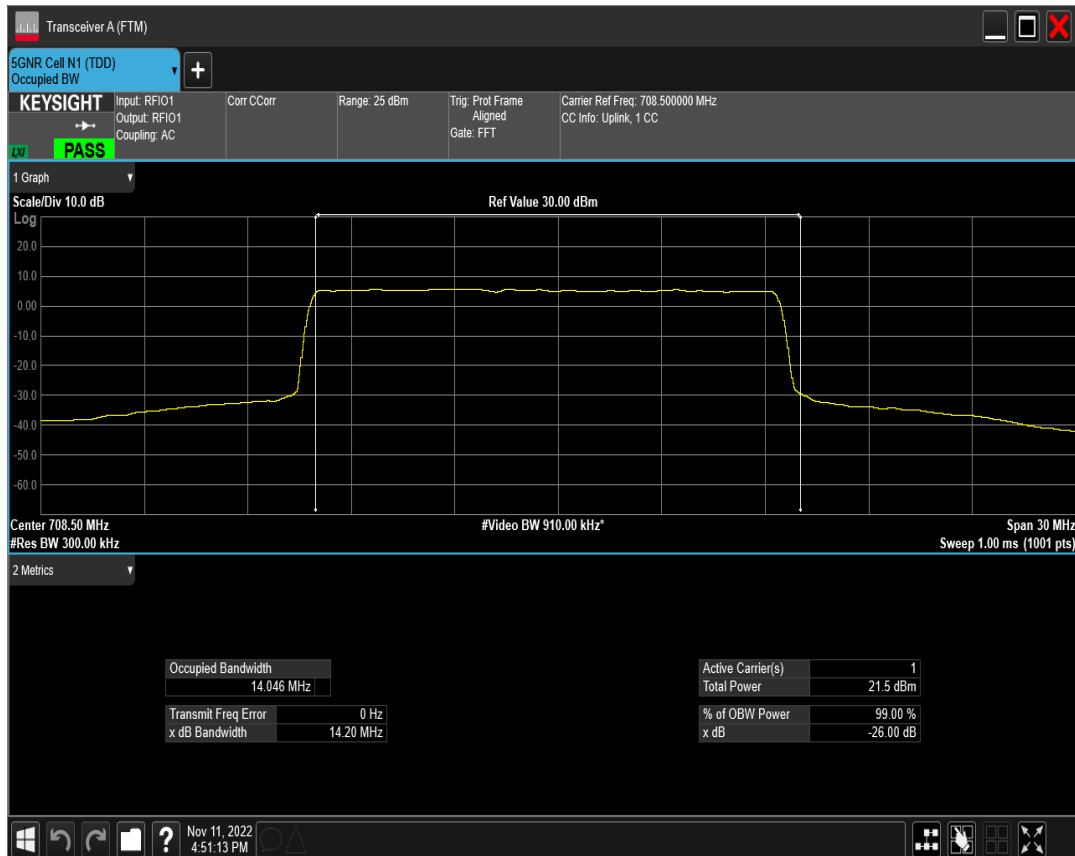
n12 SCS=15kHz CP_QPSK BW=15MHz Channel=141500 RB=79@0



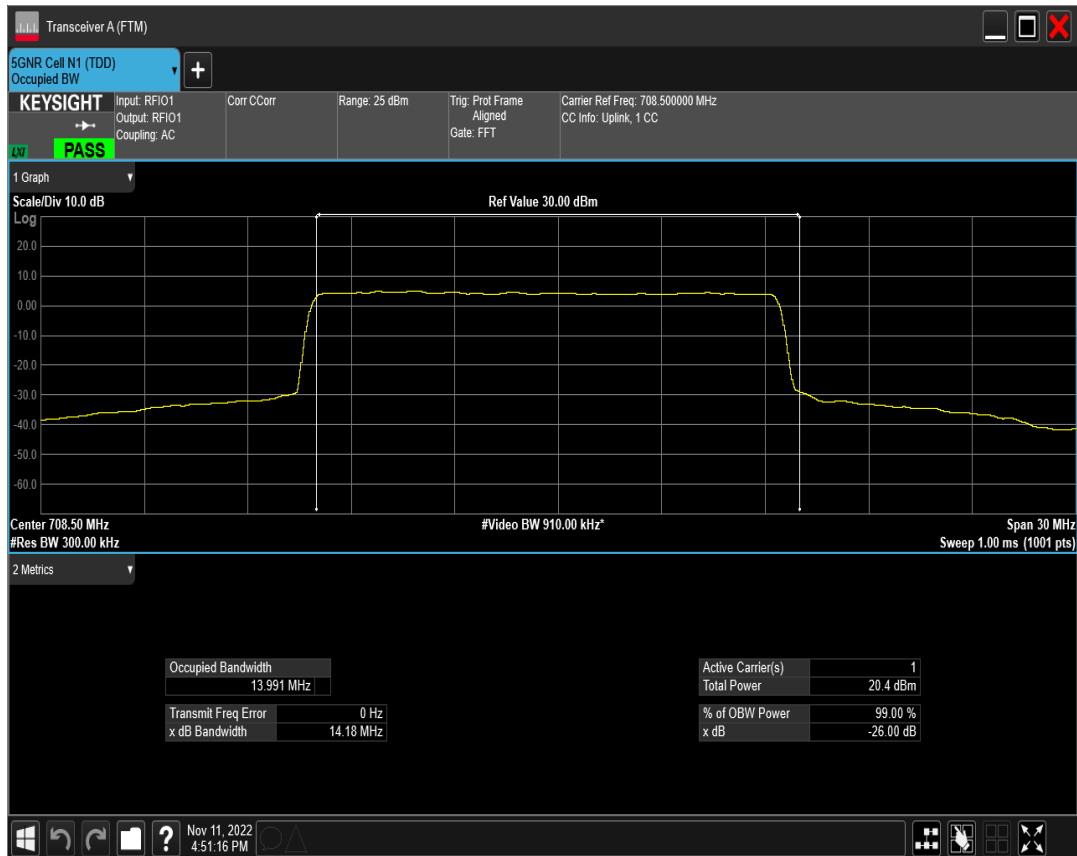
n12 SCS=15kHz DFT_BPSK BW=15MHz Channel=141700 RB=75@0



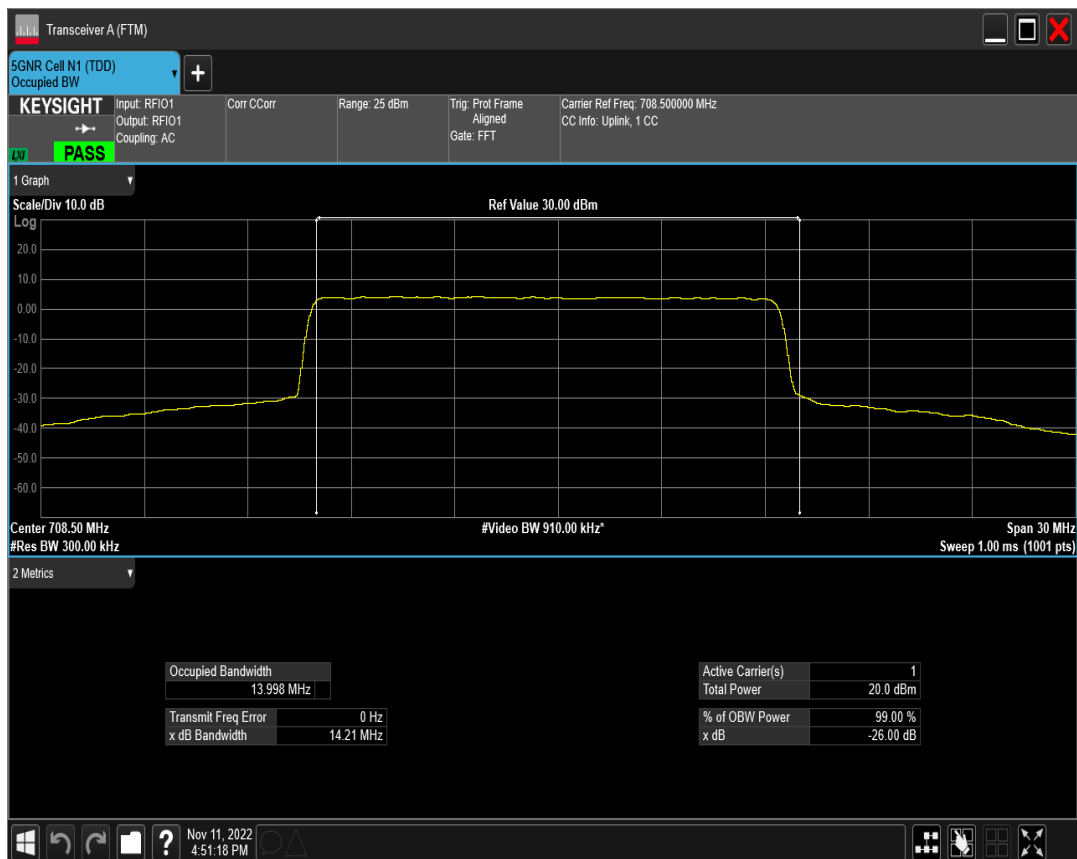
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141700 RB=75@0



n12 SCS=15kHz DFT_QAM16 BW=15MHz Channel=141700 RB=75@0



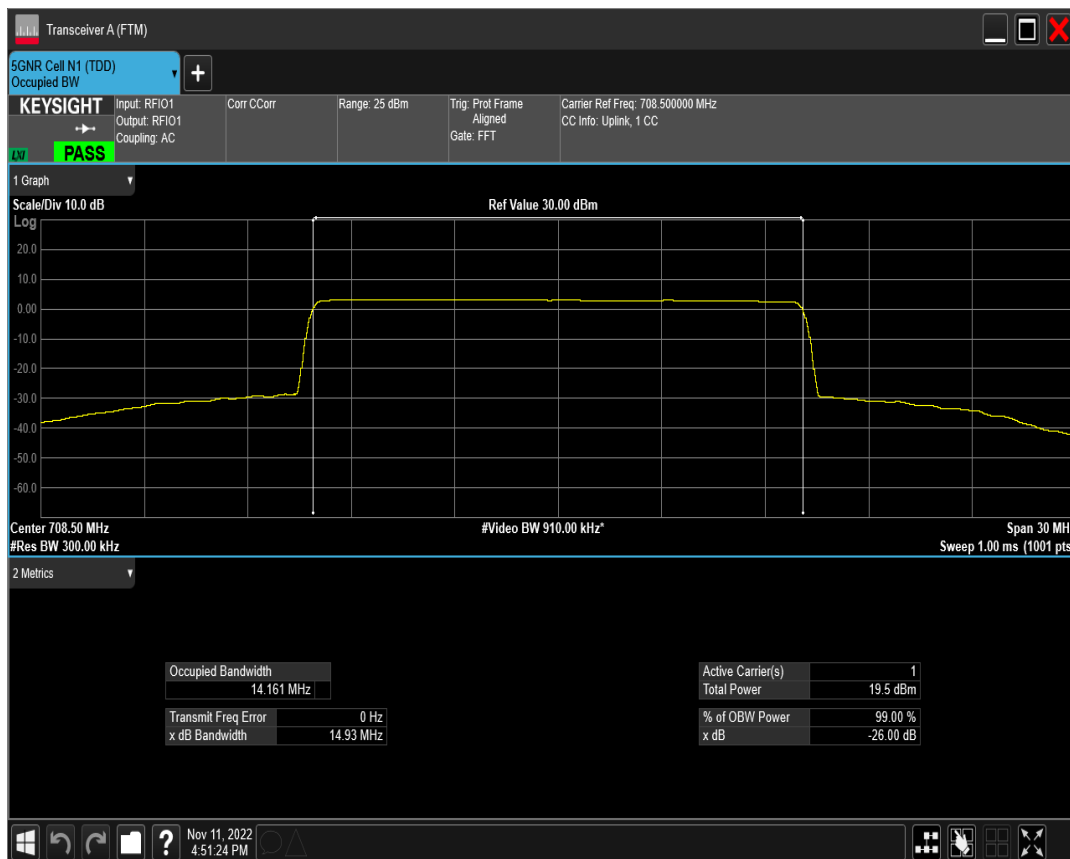
n12 SCS=15kHz DFT_QAM64 BW=15MHz Channel=141700 RB=75@0



n12 SCS=15kHz DFT_QAM256 BW=15MHz Channel=141700 RB=75@0



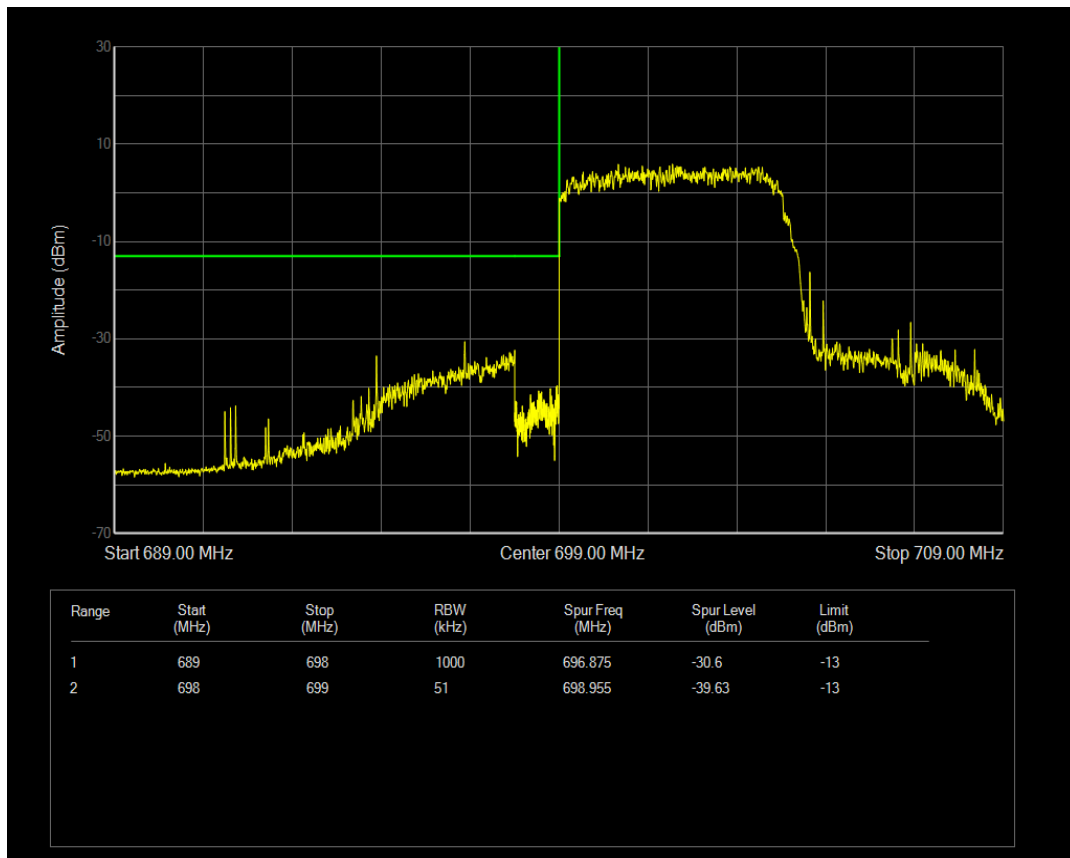
n12 SCS=15kHz CP_QPSK BW=15MHz Channel=141700 RB=79@0



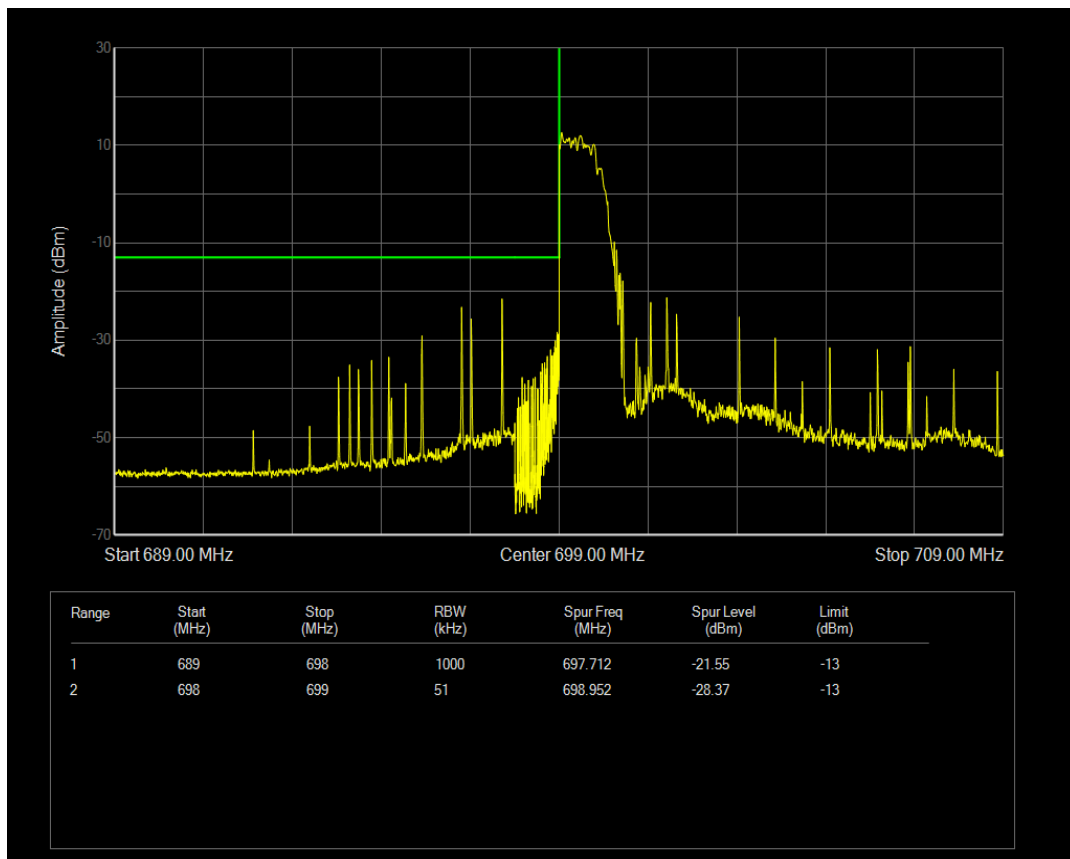
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n12	15	5	140300	25@0	DFT_QPSK	696.88	-30.60	-13	PASS
n12	15	5	140300	1@0	DFT_QPSK	697.71	-21.55	-13	PASS
n12	15	5	142700	25@0	DFT_QPSK	717.25	-21.78	-13	PASS
n12	15	5	142700	1@24	DFT_QPSK	718.17	-28.19	-13	PASS
n12	15	15	141300	75@0	DFT_QPSK	697.93	-29.51	-13	PASS
n12	15	15	141300	1@0	DFT_QPSK	698.99	-24.37	-13	PASS
n12	15	15	141700	75@0	DFT_QPSK	718.97	-38.96	-13	PASS
n12	15	15	141700	1@78	DFT_QPSK	716.01	-24.54	-13	PASS

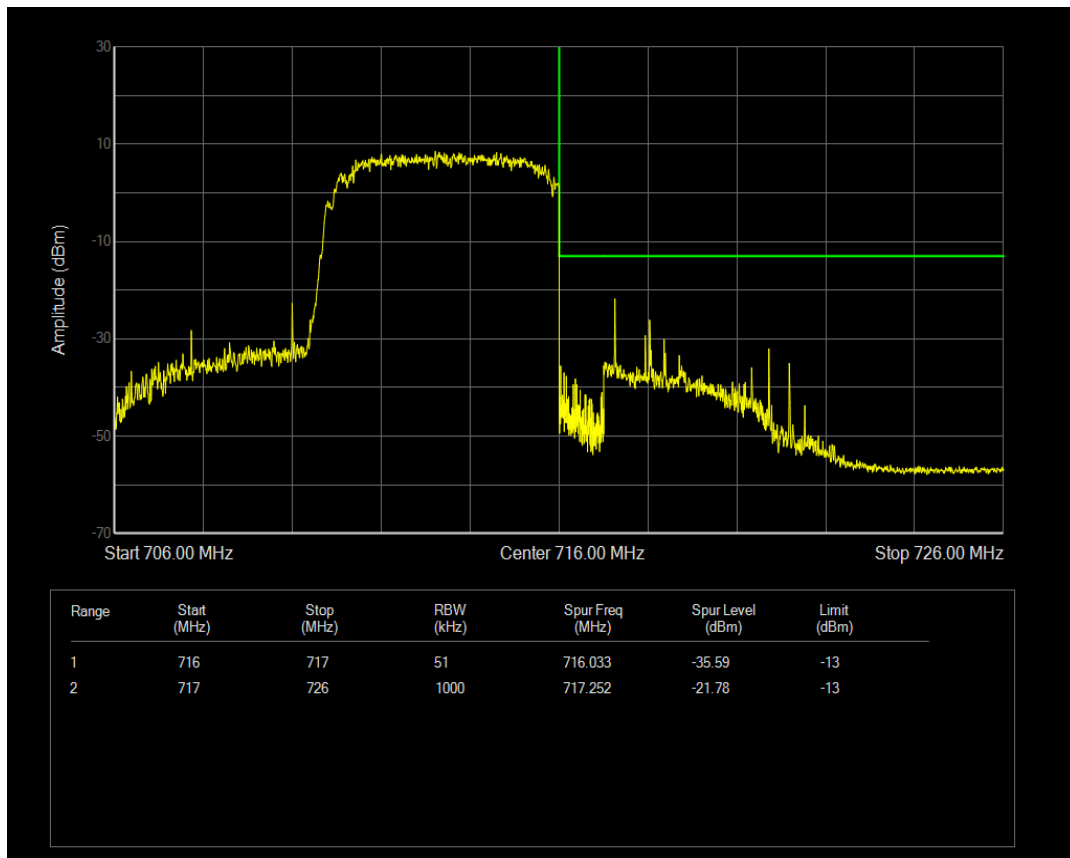
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=140300 RB=25@0



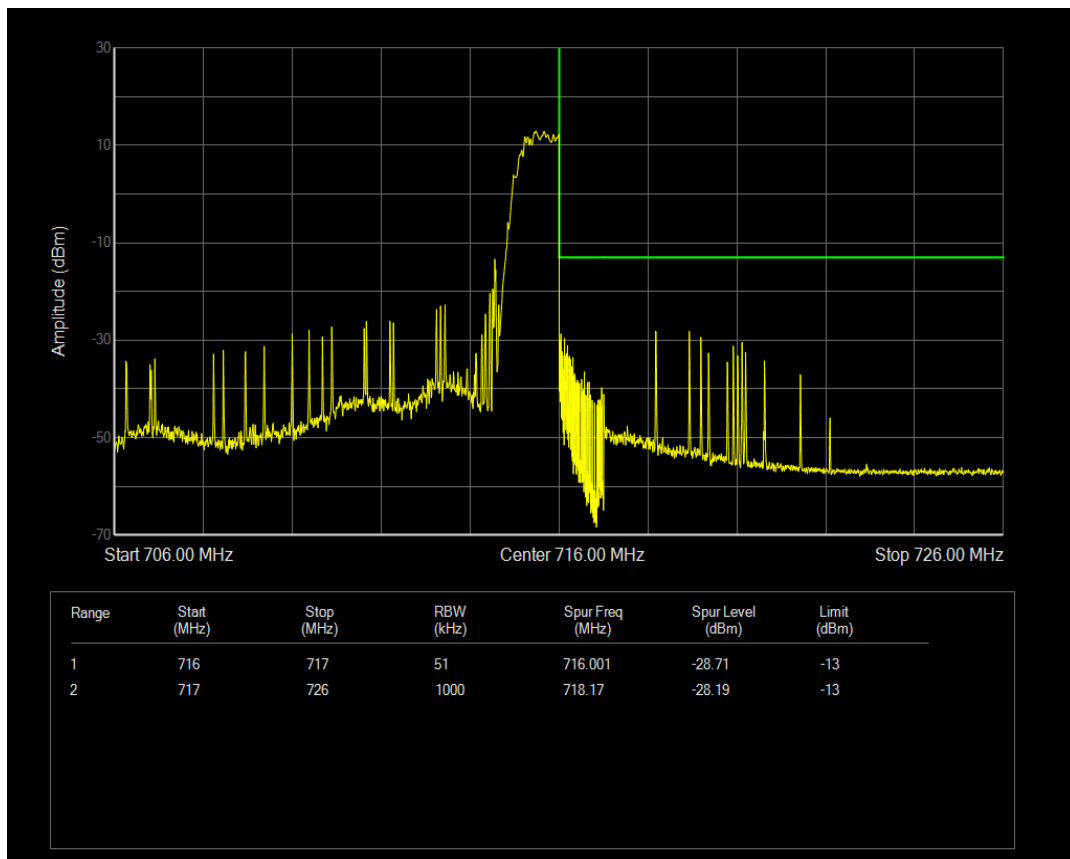
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=140300 RB=1@0



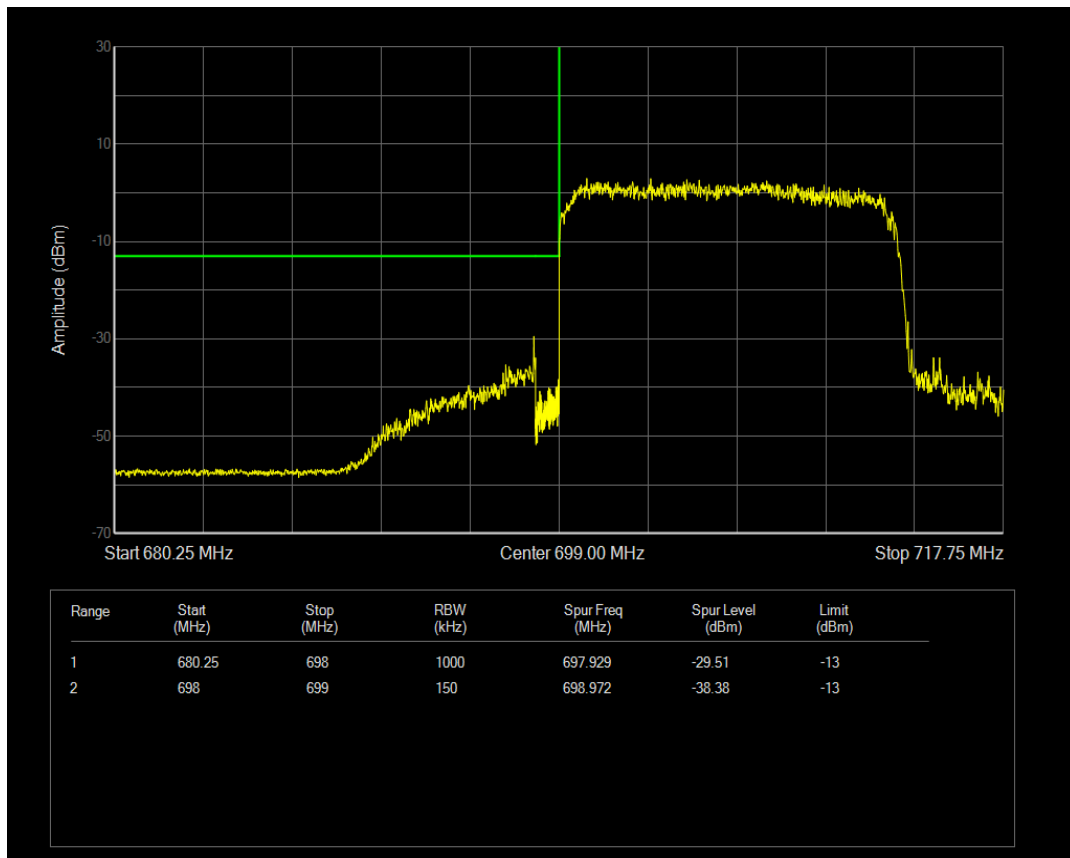
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=142700 RB=25@0



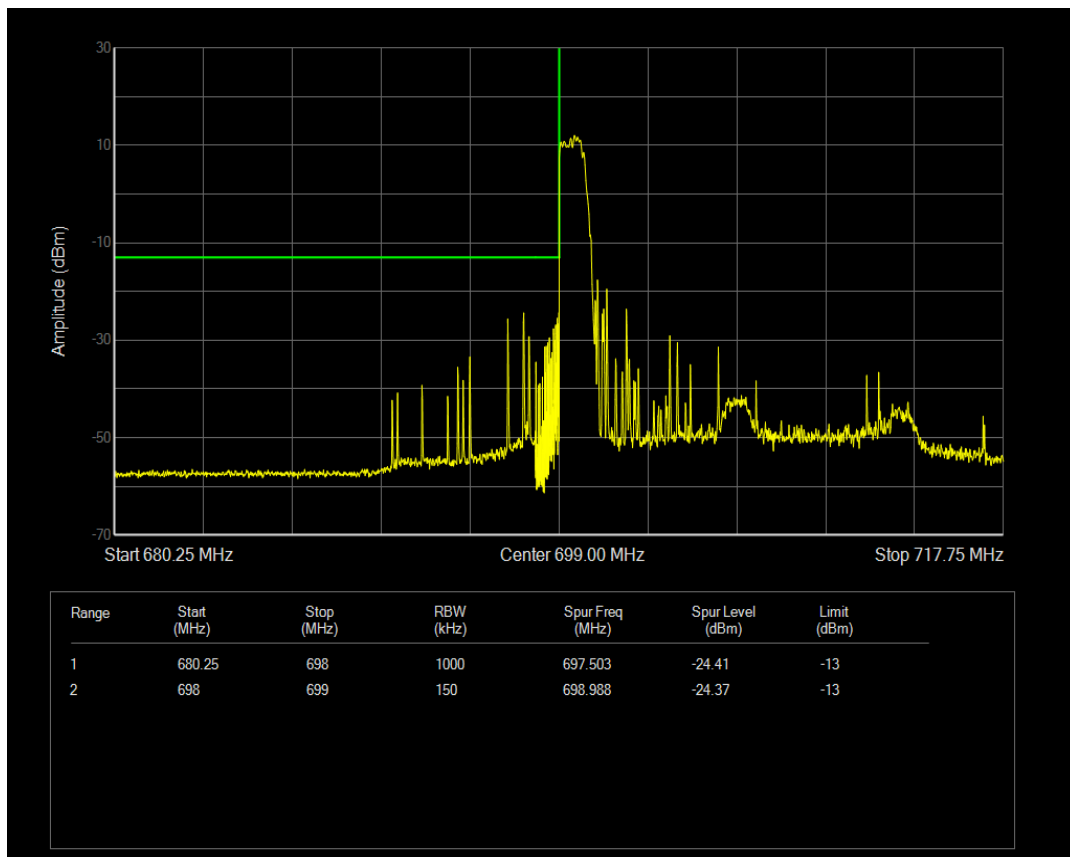
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=142700 RB=1@24



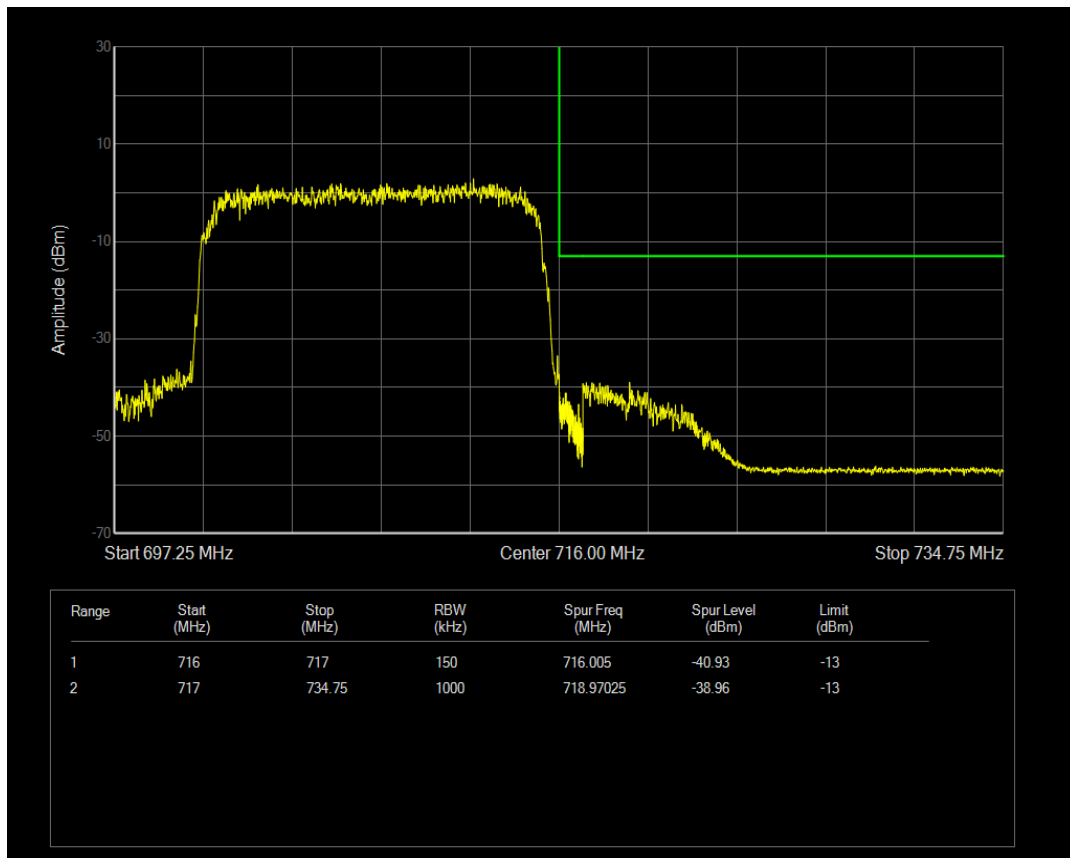
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141300 RB=75@0



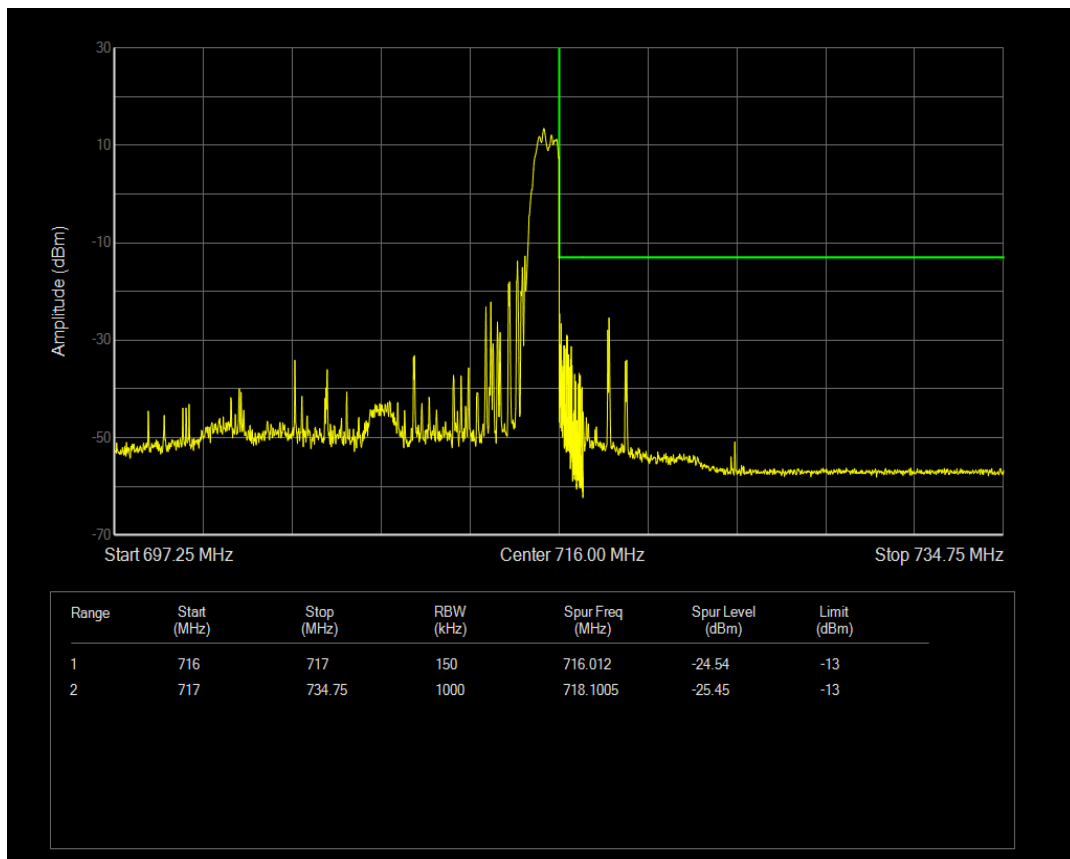
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141300 RB=1@0



n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141700 RB=75@0



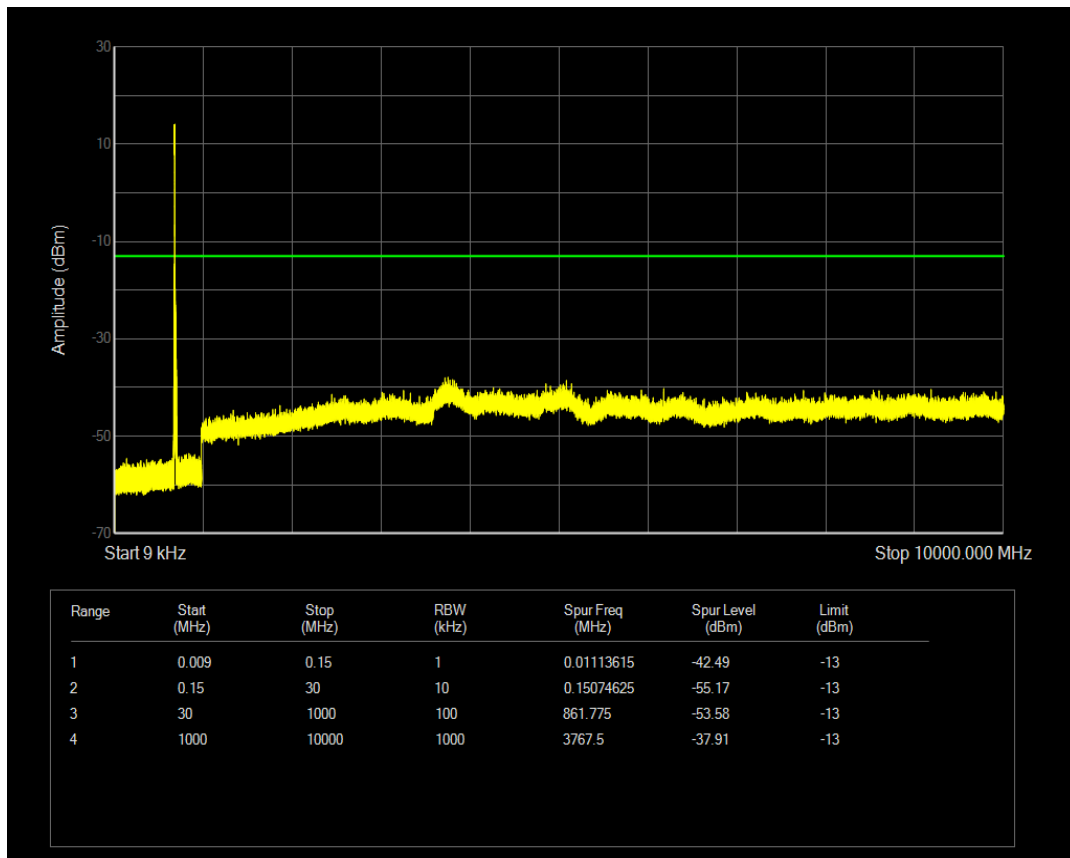
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141700 RB=1@78



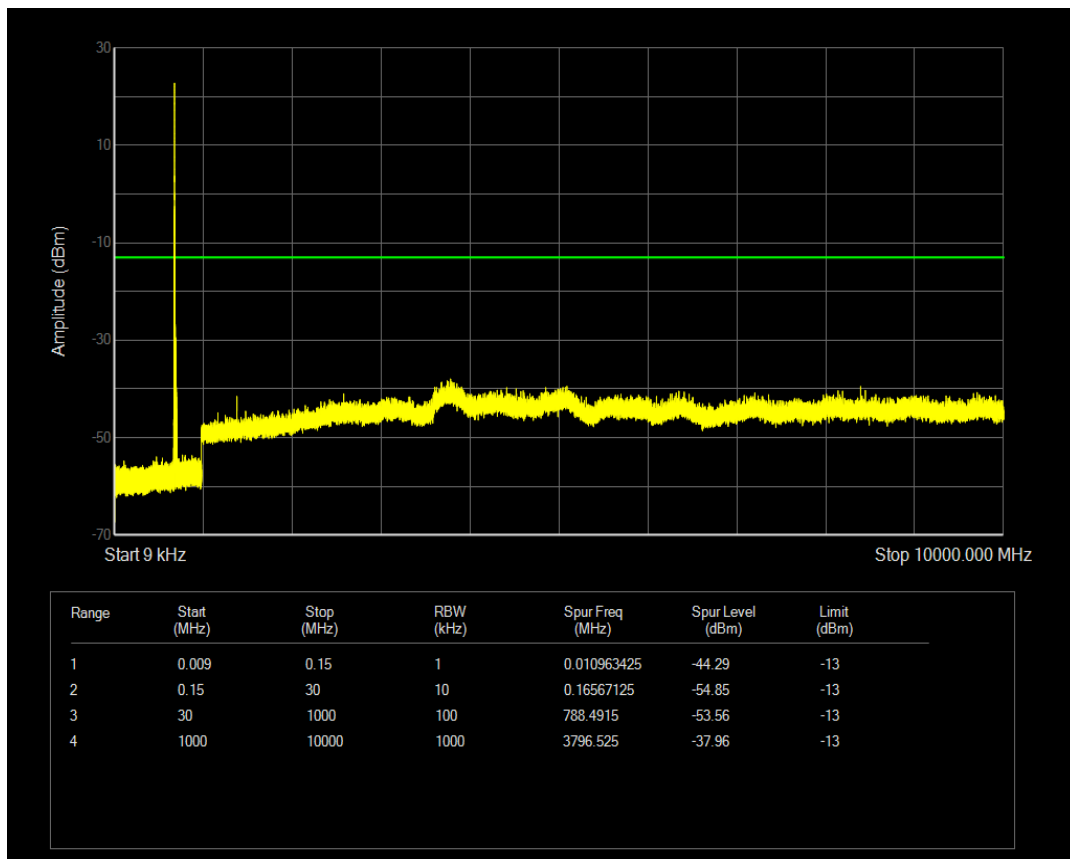
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n12	15	5	140300	25@0	DFT_QPSK	3767.50	-37.91	-13	PASS
n12	15	5	140300	1@0	DFT_QPSK	3796.53	-37.96	-13	PASS
n12	15	5	140300	1@24	DFT_QPSK	3868.75	-38.10	-13	PASS
n12	15	5	141500	25@0	DFT_QPSK	3904.08	-37.97	-13	PASS
n12	15	5	141500	1@0	DFT_QPSK	3741.40	-37.09	-13	PASS
n12	15	5	141500	1@24	DFT_QPSK	3754.23	-38.28	-13	PASS
n12	15	5	142700	25@0	DFT_QPSK	3882.70	-37.72	-13	PASS
n12	15	5	142700	1@0	DFT_QPSK	3825.33	-38.19	-13	PASS
n12	15	5	142700	1@24	DFT_QPSK	3831.63	-38.16	-13	PASS
n12	15	15	141300	75@0	DFT_QPSK	3736.45	-37.18	-13	PASS
n12	15	15	141300	1@0	DFT_QPSK	3745.45	-37.93	-13	PASS
n12	15	15	141300	1@78	DFT_QPSK	3706.75	-38.34	-13	PASS
n12	15	15	141500	75@0	DFT_QPSK	3783.25	-38.24	-13	PASS
n12	15	15	141500	1@0	DFT_QPSK	3859.98	-38.29	-13	PASS
n12	15	15	141500	1@78	DFT_QPSK	3766.38	-37.93	-13	PASS
n12	15	15	141700	75@0	DFT_QPSK	3870.55	-37.12	-13	PASS
n12	15	15	141700	1@0	DFT_QPSK	3724.53	-38.69	-13	PASS
n12	15	15	141700	1@78	DFT_QPSK	3680.65	-38.41	-13	PASS

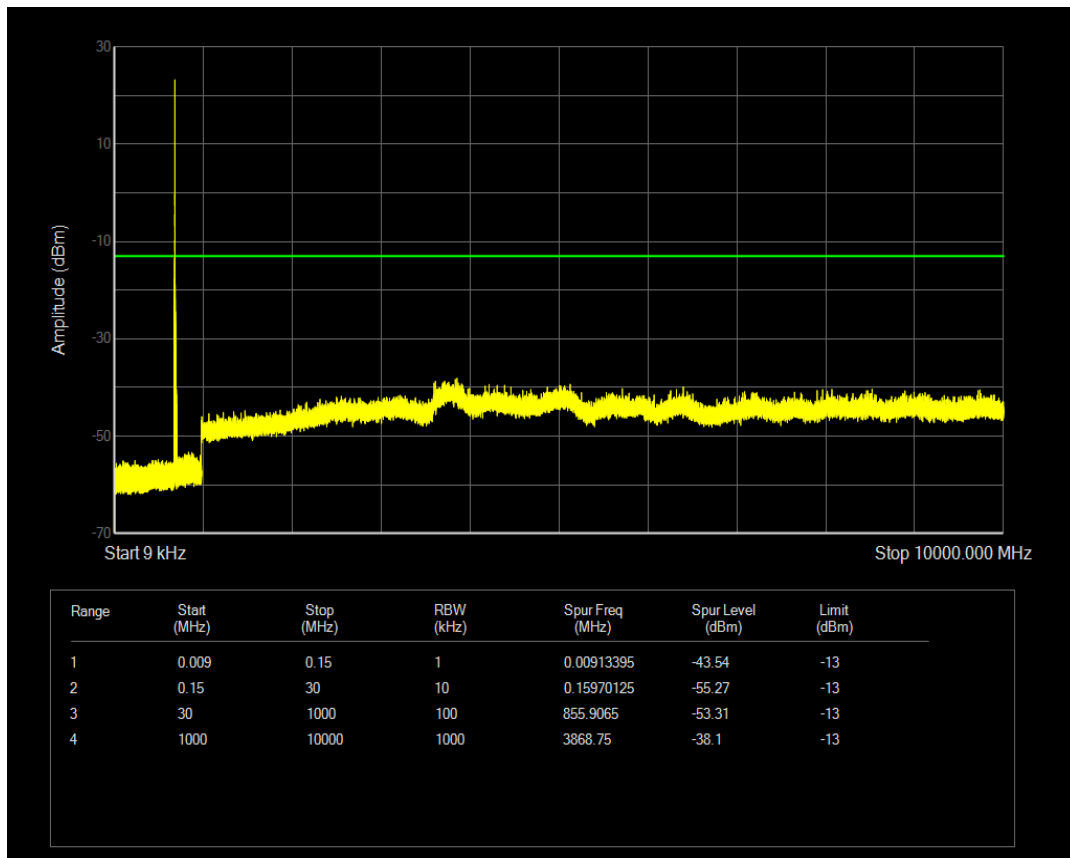
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=140300 RB=25@0



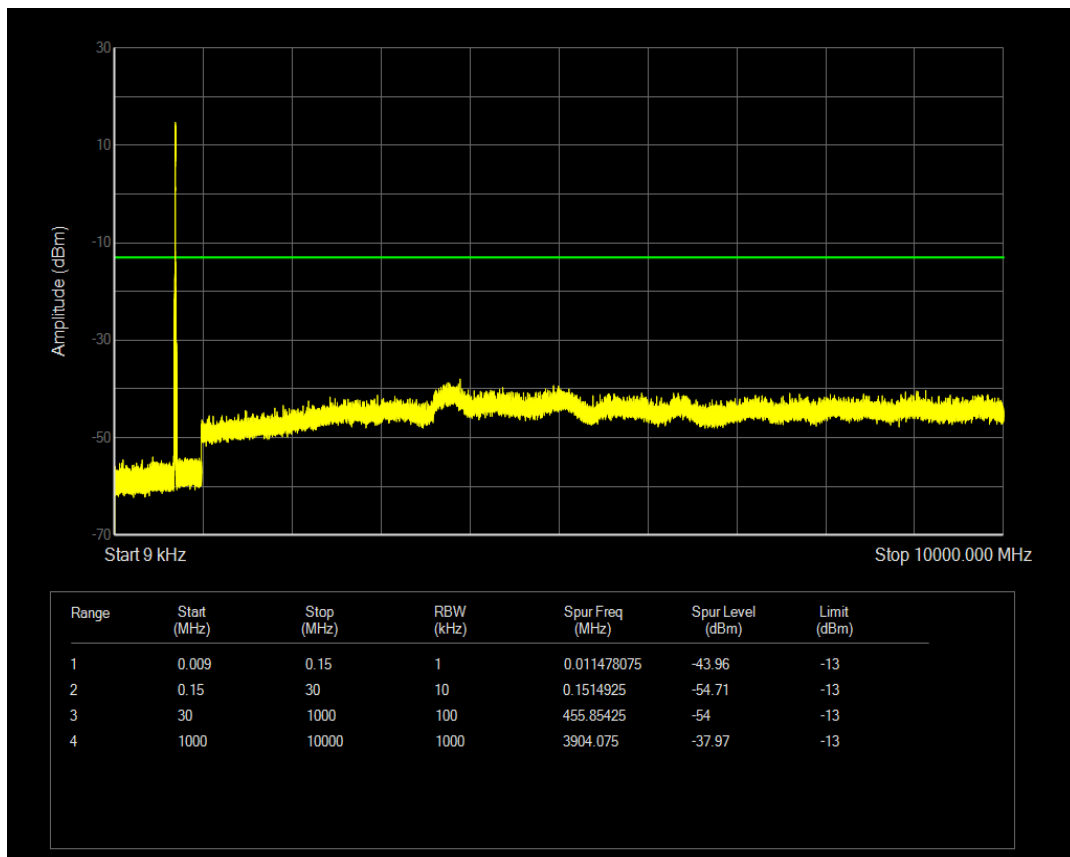
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=140300 RB=1@0



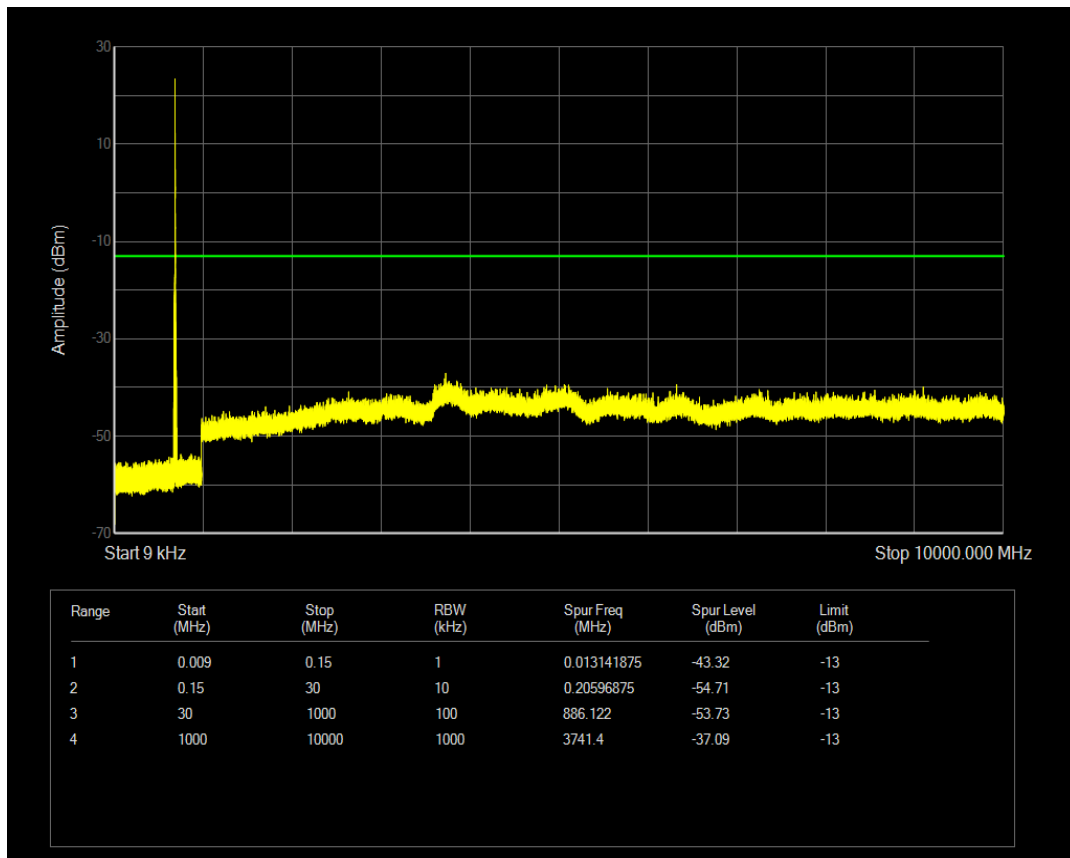
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=140300 RB=1@24



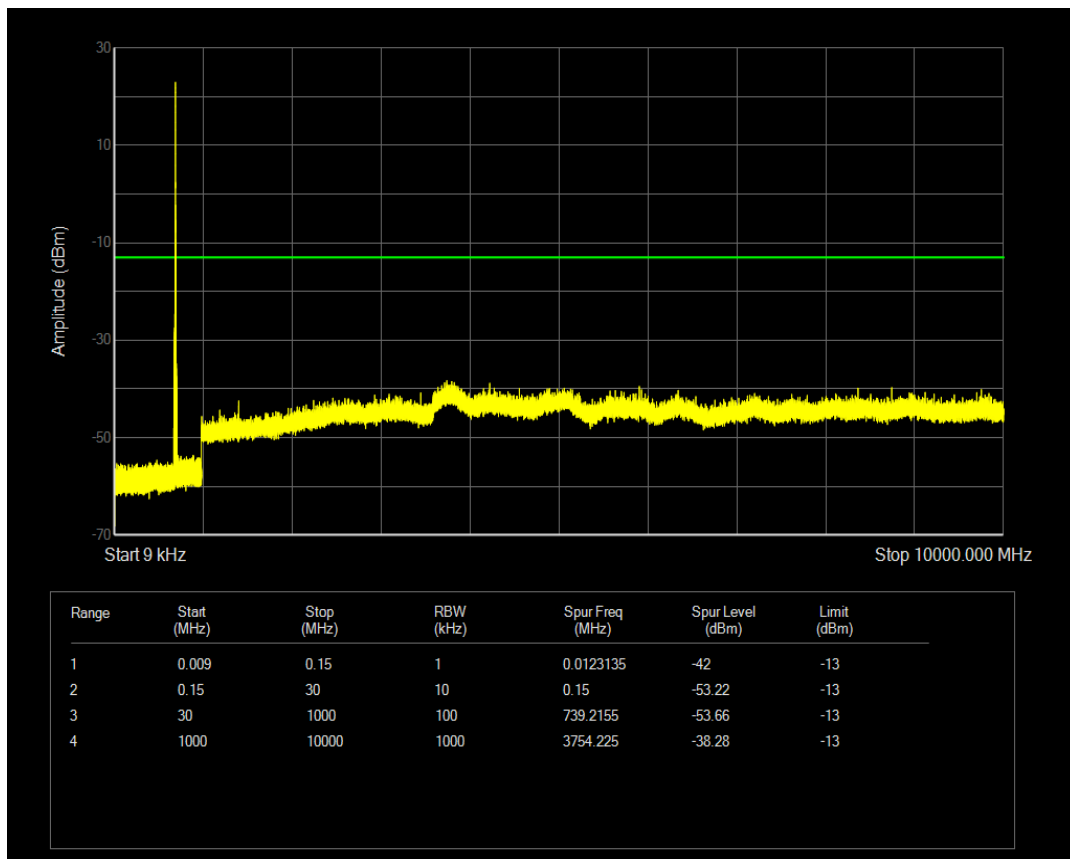
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=141500 RB=25@0



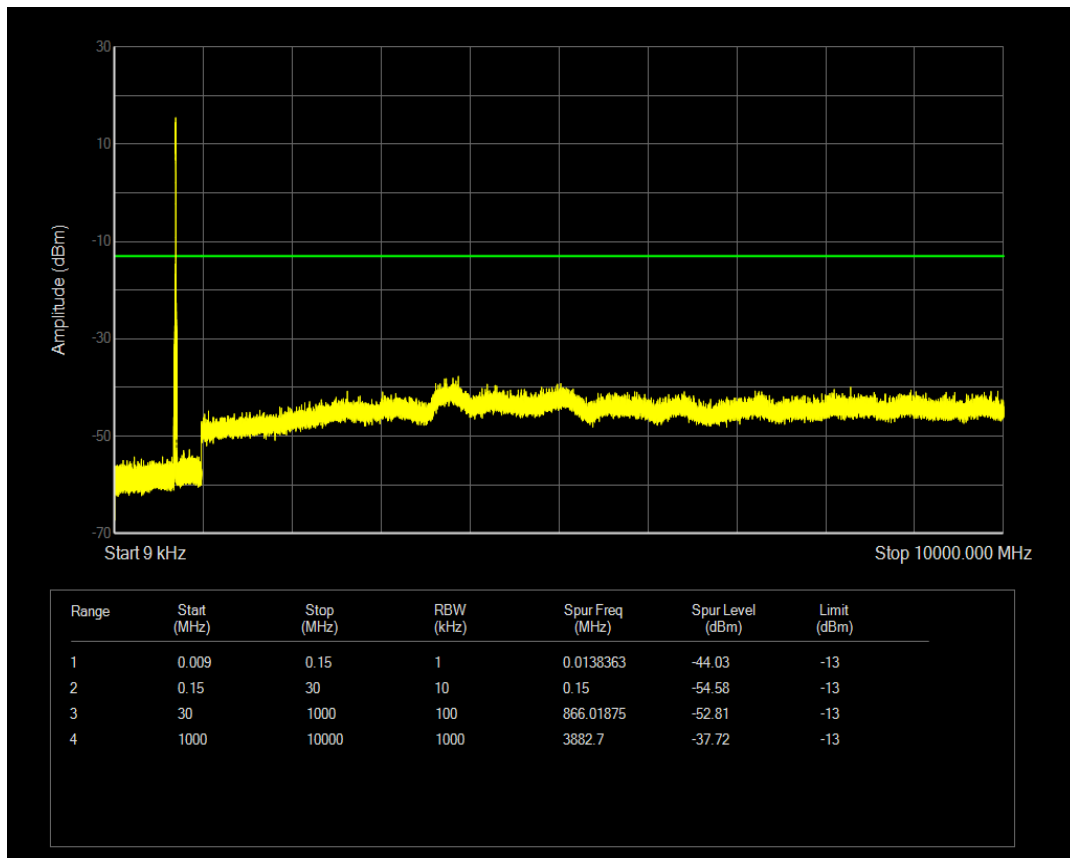
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=141500 RB=1@0



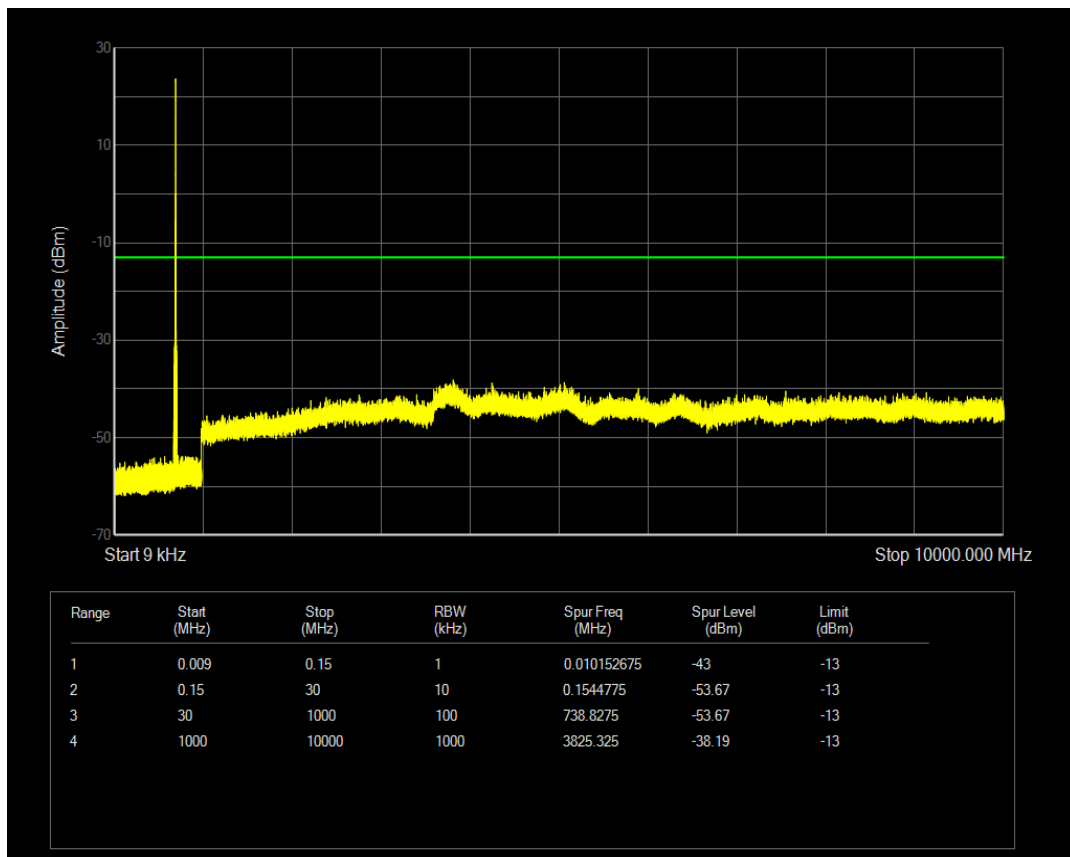
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=141500 RB=1@24



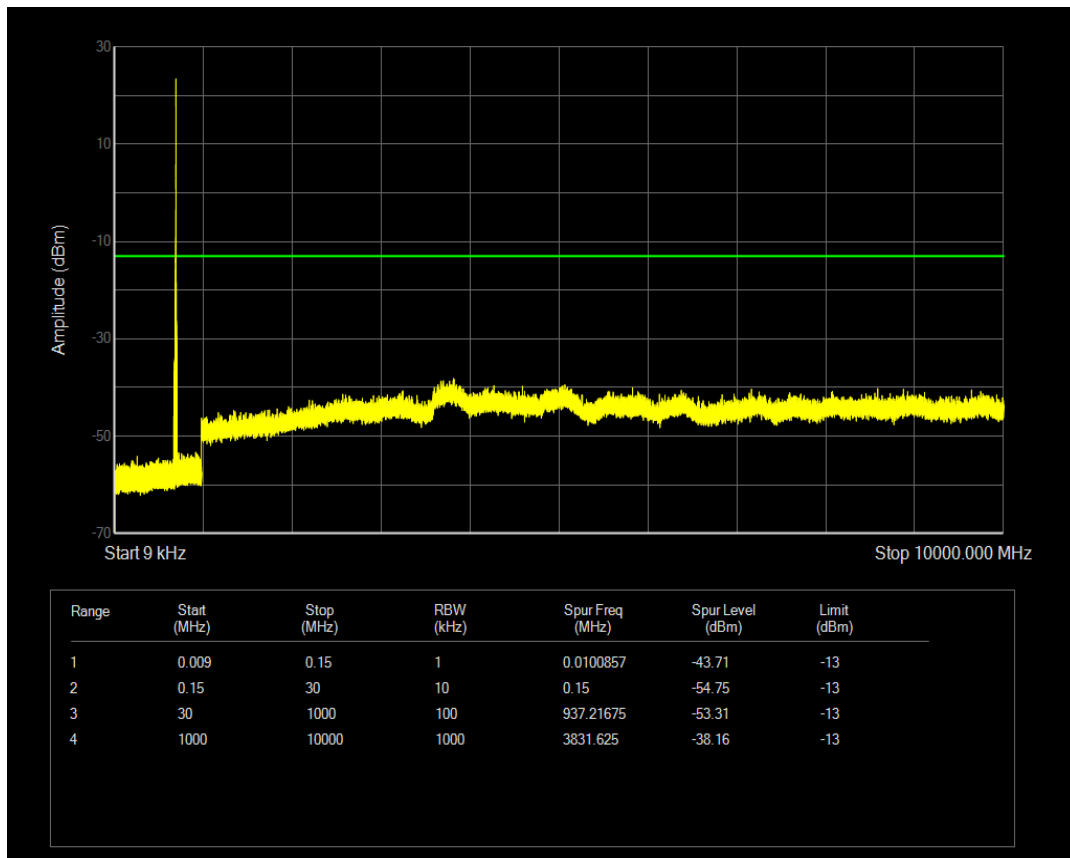
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=142700 RB=25@0



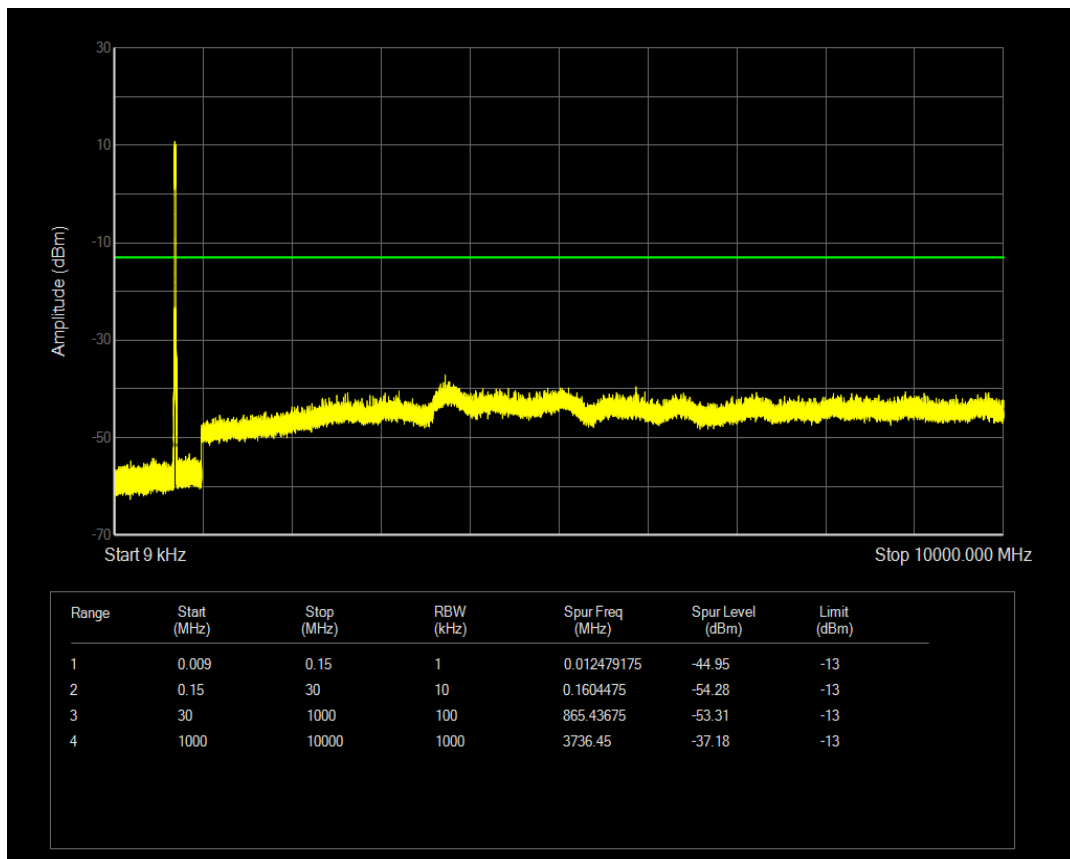
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=142700 RB=1@0



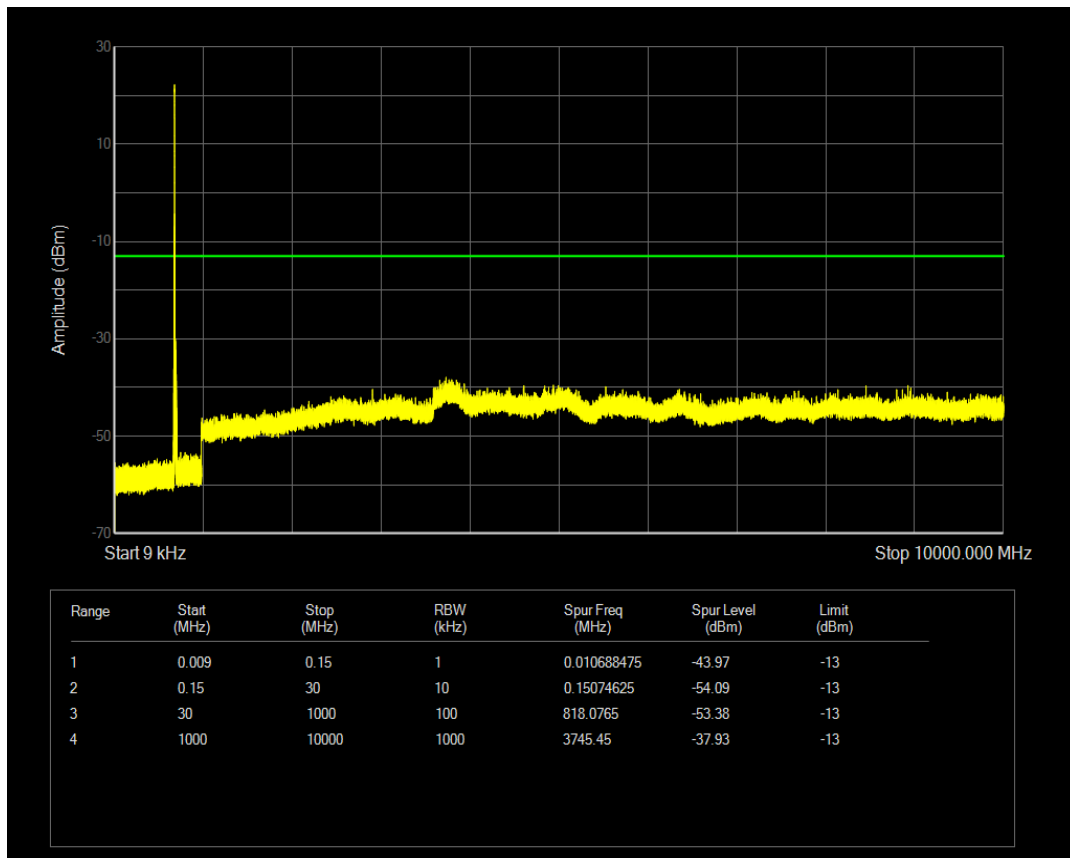
n12 SCS=15kHz DFT_QPSK BW=5MHz Channel=142700 RB=1@24



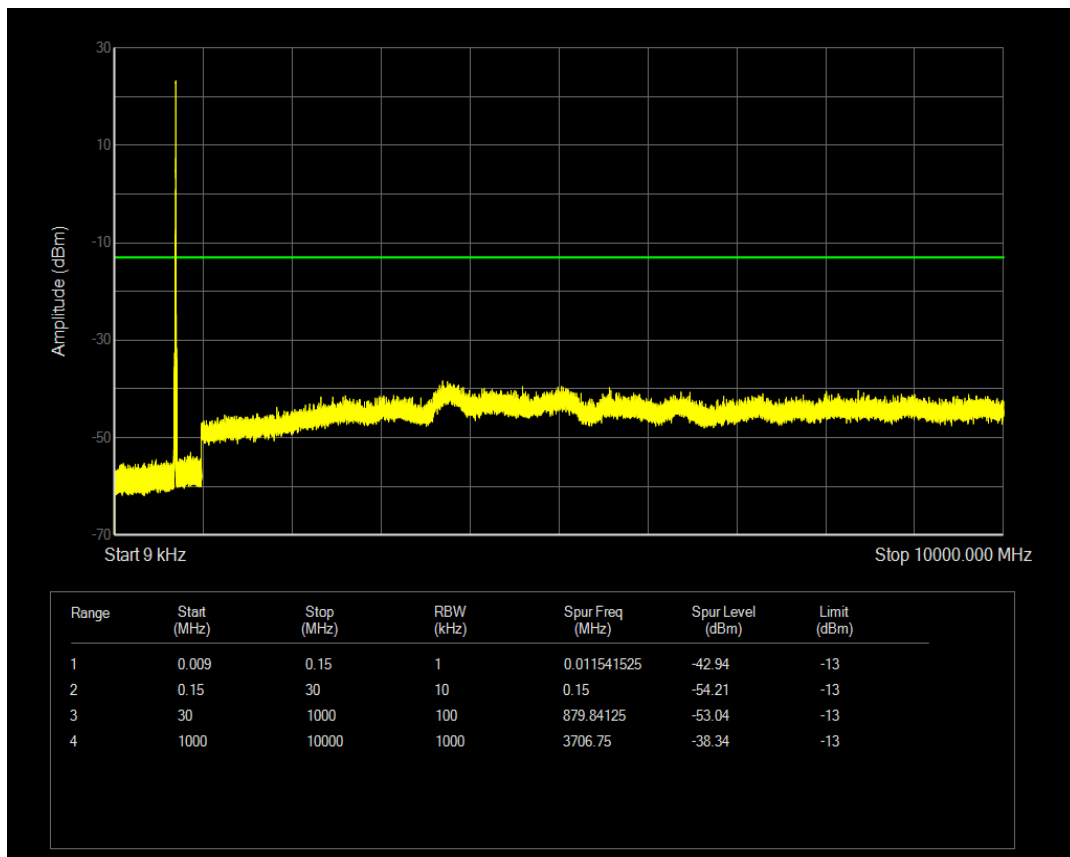
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141300 RB=75@0



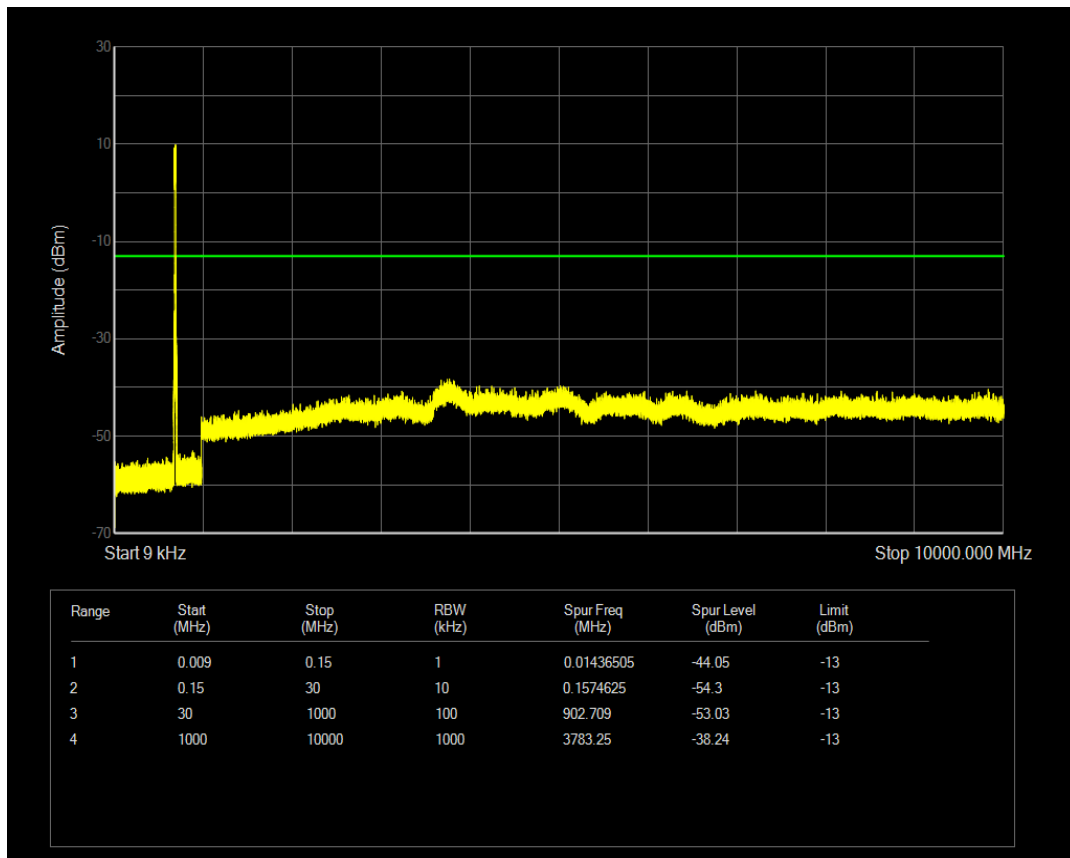
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141300 RB=1@0



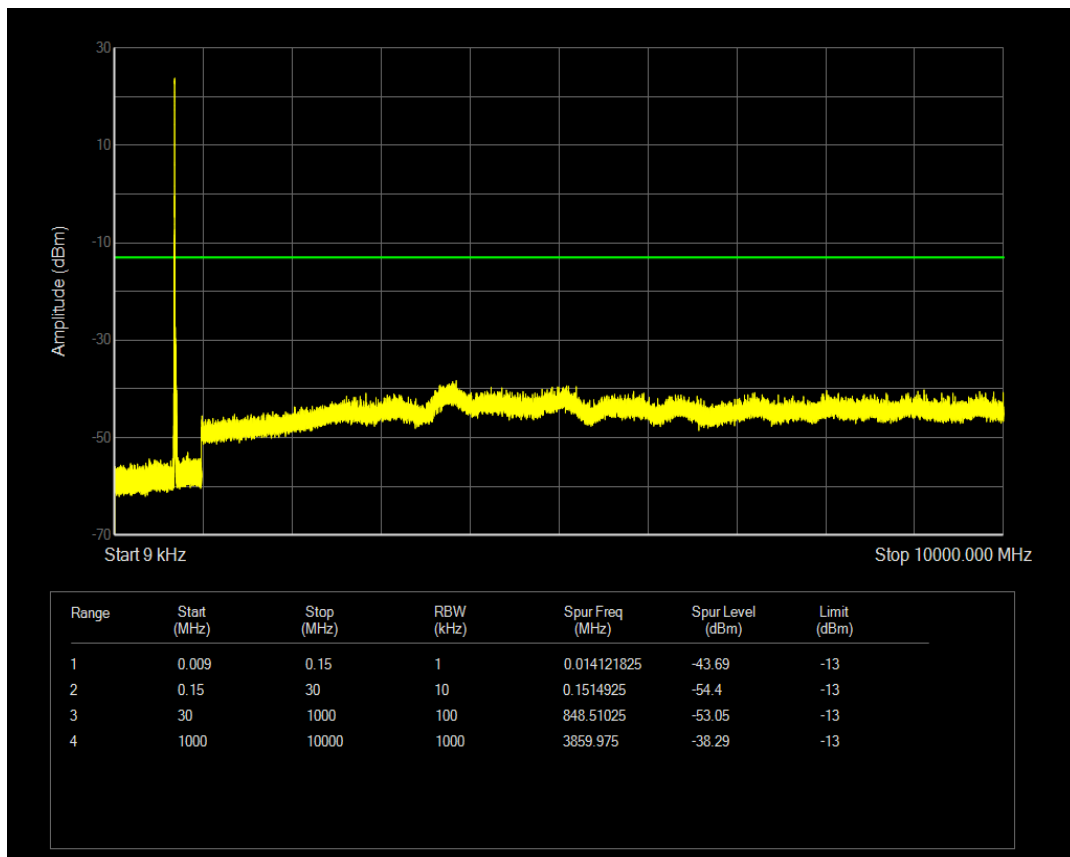
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141300 RB=1@78



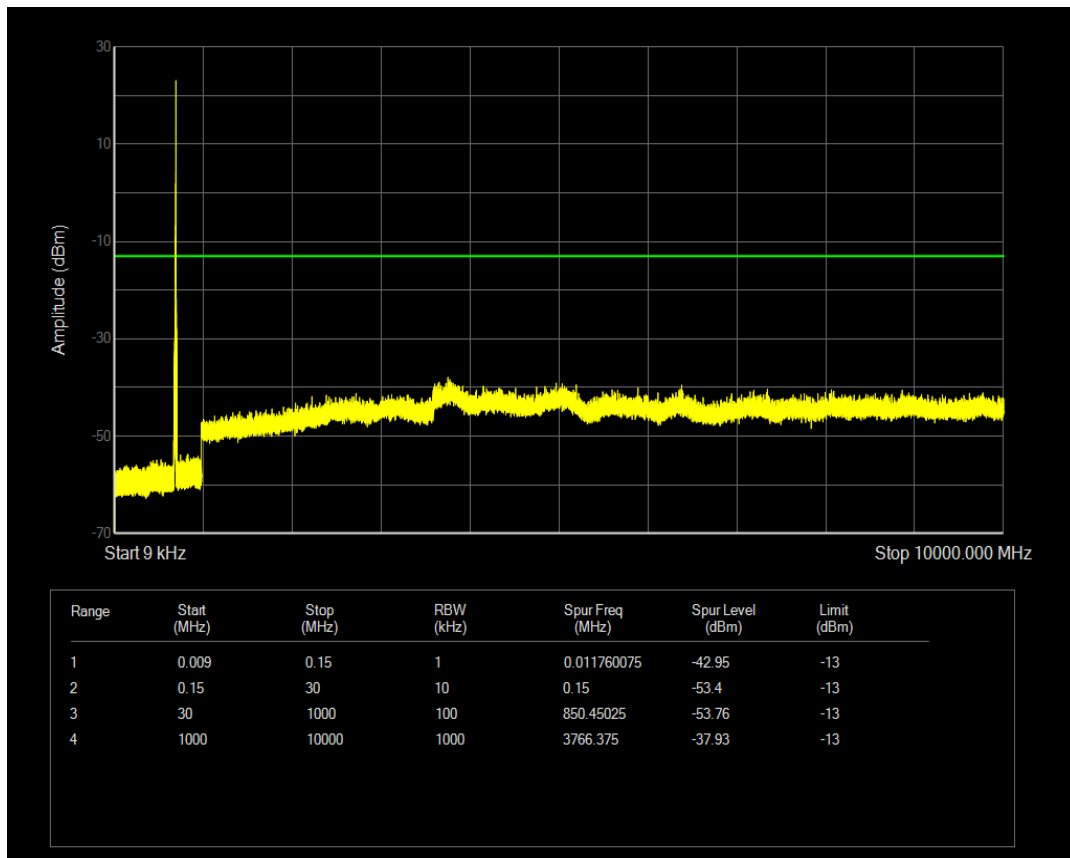
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141500 RB=75@0



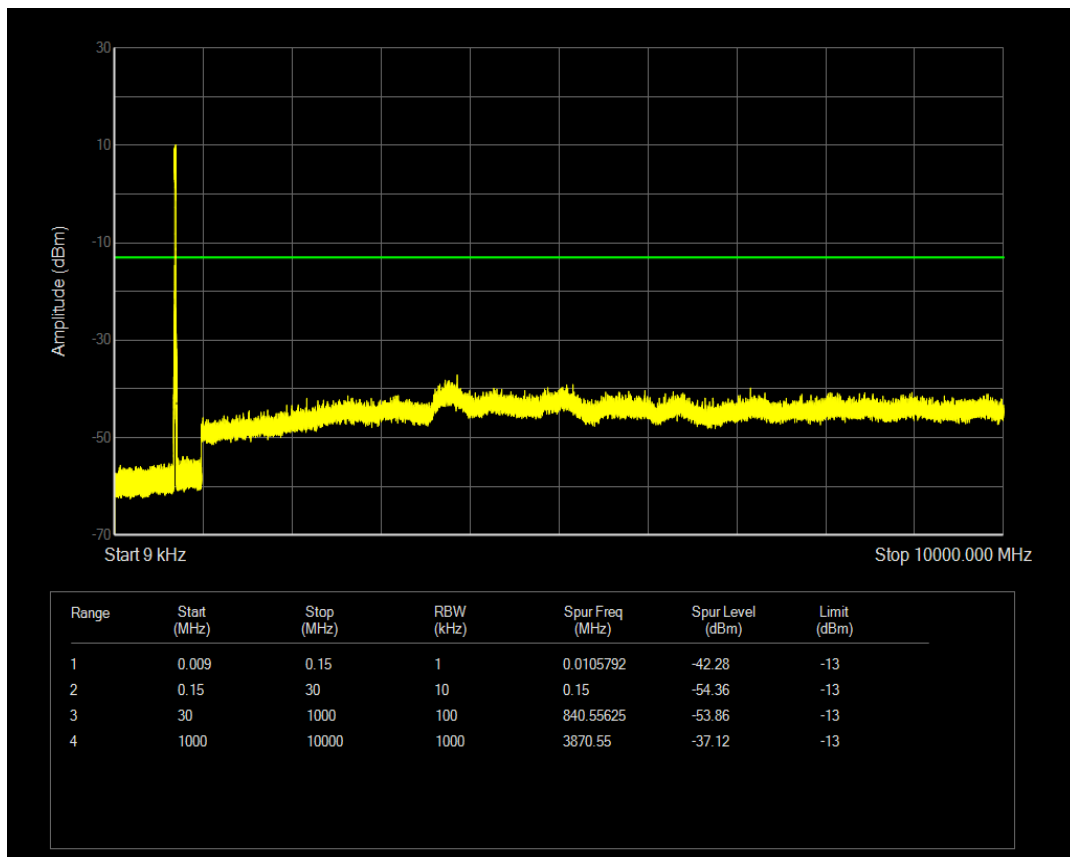
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141500 RB=1@0



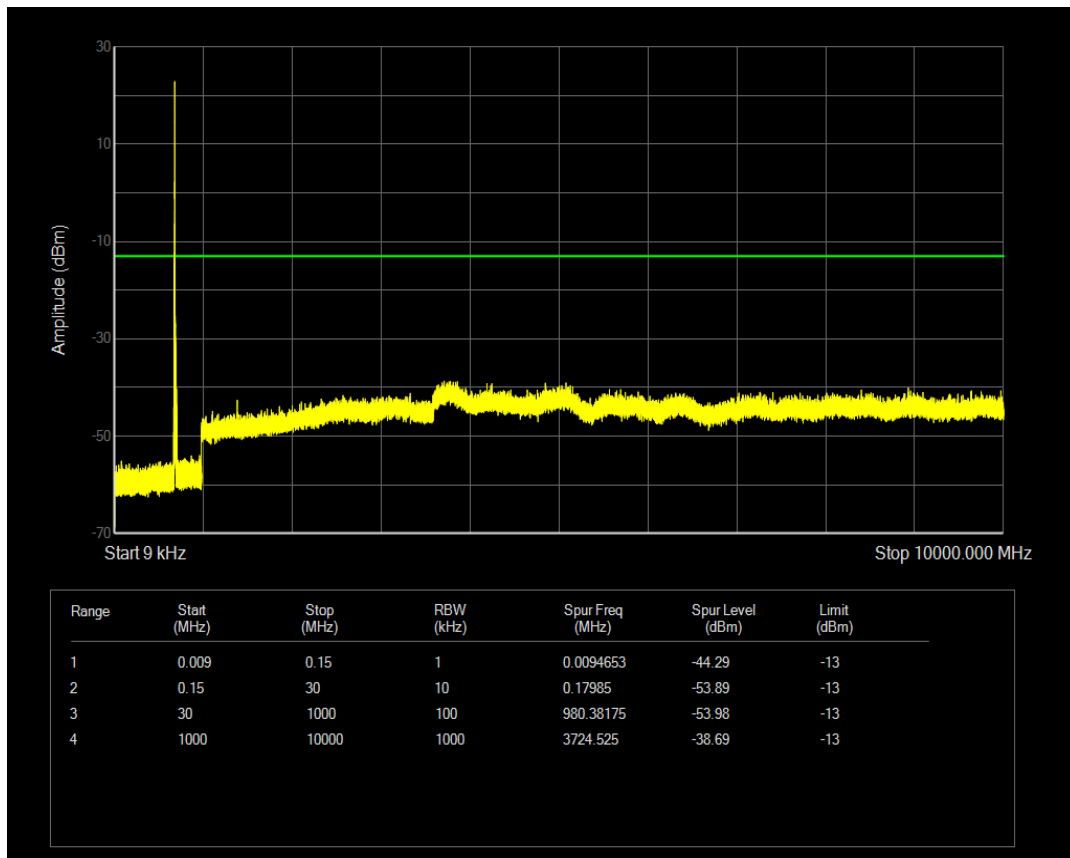
n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141500 RB=1@78



n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141700 RB=75@0



n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141700 RB=1@0



n12 SCS=15kHz DFT_QPSK BW=15MHz Channel=141700 RB=1@78

