1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 5MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	13.03	/	/	11.89	/	/	<=33	Pass
		Edge_1RB_Right	12.74	/	/	11.60	/	/	<=33	Pass
		Outer_Full	12.94	/	/	11.80	/	/	<=33	Pass
		Inner_Full	13.97	/	/	12.83	/	/	<=33	Pass
		Inner_1RB_Left	14.04	/	/	12.90	/	/	<=33	Pass
		Inner_1RB_Right	13.74	/	/	12.60	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	11.28	/	/	10.14	/	/	<=33	Pass
		Edge_1RB_Right	11.42	/	/	10.28	/	/	<=33	Pass
		Outer_Full	11.74	/	/	10.60	/	/	<=33	Pass
		Inner_Full	12.92	/	/	11.78	/	/	<=33	Pass
		Inner_1RB_Left	12.34	/	/	11.20	/	/	<=33	Pass
		Inner_1RB_Right	12.24	/	/	11.10	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	11.66	/	/	10.52	/	/	<=33	Pass
		Edge_1RB_Right	9.30	/	/	8.16	/	/	<=33	Pass
		Outer_Full	11.77	/	/	10.63	/	/	<=33	Pass
		Inner_Full	11.46	/	/	10.32	/	/	<=33	Pass
		Inner_1RB_Left	12.39	/	/	11.25	/	/	<=33	Pass
		Inner_1RB_Right	8.56	/	/	7.42	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	12.46	/	/	11.32	/	/	<=33	Pass
		Edge_1RB_Right	12.23	/	/	11.09	/	/	<=33	Pass
		Outer_Full	12.05	/	/	10.91	/	/	<=33	Pass
		Inner_Full	13.00	/	/	11.86	/	/	<=33	Pass
		Inner_1RB_Left	13.24	/	/	12.10	/	/	<=33	Pass
		Inner_1RB_Right	13.06	/	/	11.92	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.77	/	/	9.63	/	/	<=33	Pass
		Edge_1RB_Right	10.65	/	/	9.51	/	/	<=33	Pass
		Outer_Full	11.09	/	/	9.95	/	/	<=33	Pass
		Inner_Full	11.86	/	/	10.72	/	/	<=33	Pass
		Inner_1RB_Left	11.56	/	/	10.42	/	/	<=33	Pass
		Inner_1RB_Right	11.49	/	/	10.35	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	10.86	/	/	9.72	/	/	<=33	Pass
		Edge_1RB_Right	8.44	/	/	7.30	/	/	<=33	Pass
		Outer_Full	11.22	/	/	10.08	/	/	<=33	Pass
		Inner_Full	11.86	/	/	10.72	/	/	<=33	Pass
		Inner_1RB_Left	11.64	/	/	10.50	/	/	<=33	Pass
		Inner_1RB_Right	8.57	/	/	7.43	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	11.80	/	/	10.66	/	/	<=33	Pass
		Edge_1RB_Right	11.52	/	/	10.38	/	/	<=33	Pass
		Outer_Full	11.56	/	/	10.42	/	/	<=33	Pass
		Inner_Full	11.55	/	/	10.41	/	/	<=33	Pass
		Inner_1RB_Left	11.80	/	/	10.66	/	/	<=33	Pass
		Inner_1RB_Right	11.56	/	/	10.42	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.09	/	/	8.95	/	/	<=33	Pass
		Edge_1RB_Right	9.90	/	/	8.76	/	/	<=33	Pass
		Outer_Full	10.44	/	/	9.30	/	/	<=33	Pass
		Inner_Full	10.51	/	/	9.37	/	/	<=33	Pass
		Inner_1RB_Left	9.98	/	/	8.84	/	/	<=33	Pass
		Inner_1RB_Right	9.69	/	/	8.55	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	10.12	/	/	8.98	/	/	<=33	Pass

		Edge_1RB_Right	8.78	/	/	7.64	/	/	<=33	Pass
		Outer_Full	10.53	/	/	9.39	/	/	<=33	Pass
		Inner_Full	10.71	/	/	9.57	/	/	<=33	Pass
		Inner_1RB_Left	10.33	/	/	9.19	/	/	<=33	Pass
		Inner_1RB_Right	8.87	/	/	7.73	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	9.55	/	/	8.41	/	/	<=33	Pass
		Edge_1RB_Right	9.30	/	/	8.16	/	/	<=33	Pass
		Outer_Full	9.61	/	/	8.47	/	/	<=33	Pass
		Inner_Full	9.59	/	/	8.45	/	/	<=33	Pass
		Inner_1RB_Left	9.60	/	/	8.46	/	/	<=33	Pass
		Inner_1RB_Right	9.26	/	/	8.12	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	8.47	/	/	7.33	/	/	<=33	Pass
		Edge_1RB_Right	8.16	/	/	7.02	/	/	<=33	Pass
		Outer_Full	8.50	/	/	7.36	/	/	<=33	Pass
		Inner_Full	8.48	/	/	7.34	/	/	<=33	Pass
		Inner_1RB_Left	8.23	/	/	7.09	/	/	<=33	Pass
		Inner_1RB_Right	8.37	/	/	7.23	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	8.35	/	/	7.21	/	/	<=33	Pass
		Edge_1RB_Right	8.53	/	/	7.39	/	/	<=33	Pass
		Outer_Full	8.47	/	/	7.33	/	/	<=33	Pass
		Inner_Full	8.68	/	/	7.54	/	/	<=33	Pass
		Inner_1RB_Left	8.31	/	/	7.17	/	/	<=33	Pass
		Inner_1RB_Right	8.70	/	/	7.56	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	11.44	/	/	10.30	/	/	<=33	Pass
		Edge_1RB_Right	11.06	/	/	9.92	/	/	<=33	Pass
		Outer_Full	11.19	/	/	10.05	/	/	<=33	Pass
		Inner_Full	12.30	/	/	11.16	/	/	<=33	Pass
		Inner_1RB_Left	12.67	/	/	11.53	/	/	<=33	Pass
		Inner_1RB_Right	12.24	/	/	11.10	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.03	/	/	8.89	/	/	<=33	Pass
		Edge_1RB_Right	10.05	/	/	8.91	/	/	<=33	Pass
		Outer_Full	10.03	/	/	8.89	/	/	<=33	Pass
		Inner_Full	11.22	/	/	10.08	/	/	<=33	Pass
		Inner_1RB_Left	11.39	/	/	10.25	/	/	<=33	Pass
		Inner_1RB_Right	11.34	/	/	10.20	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	10.12	/	/	8.98	/	/	<=33	Pass
		Edge_1RB_Right	10.27	/	/	9.13	/	/	<=33	Pass
		Outer_Full	10.09	/	/	8.95	/	/	<=33	Pass
		Inner_Full	11.46	/	/	10.32	/	/	<=33	Pass
		Inner_1RB_Left	11.00	/	/	9.86	/	/	<=33	Pass
		Inner_1RB_Right	10.31	/	/	9.17	/	/	<=33	Pass
CP-OFDM 16 QAM	1852.5	Edge_1RB_Left	11.14	/	/	10.00	/	/	<=33	Pass
		Edge_1RB_Right	10.86	/	/	9.72	/	/	<=33	Pass
		Outer_Full	11.03	/	/	9.89	/	/	<=33	Pass
		Inner_Full	12.02	/	/	10.88	/	/	<=33	Pass
		Inner_1RB_Left	12.20	/	/	11.06	/	/	<=33	Pass
		Inner_1RB_Right	11.99	/	/	10.85	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.04	/	/	8.90	/	/	<=33	Pass
		Edge_1RB_Right	10.00	/	/	8.86	/	/	<=33	Pass
		Outer_Full	9.96	/	/	8.82	/	/	<=33	Pass
		Inner_Full	10.94	/	/	9.80	/	/	<=33	Pass
		Inner_1RB_Left	10.77	/	/	9.63	/	/	<=33	Pass
		Inner_1RB_Right	10.90	/	/	9.76	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	9.50	/	/	8.36	/	/	<=33	Pass
		Edge_1RB_Right	9.58	/	/	8.44	/	/	<=33	Pass
		Outer_Full	9.97	/	/	8.83	/	/	<=33	Pass
		Inner_Full	11.06	/	/	9.92	/	/	<=33	Pass
		Inner_1RB_Left	10.45	/	/	9.31	/	/	<=33	Pass
		Inner_1RB_Right	10.26	/	/	9.12	/	/	<=33	Pass

CP-OFDM 64 QAM	1852.5	Edge_1RB_Left	10.55	/	/	9.41	/	/	<=33	Pass
		Edge_1RB_Right	10.37	/	/	9.23	/	/	<=33	Pass
		Outer_Full	10.48	/	/	9.34	/	/	<=33	Pass
		Inner_Full	10.40	/	/	9.26	/	/	<=33	Pass
		Inner_1RB_Left	10.54	/	/	9.40	/	/	<=33	Pass
		Inner_1RB_Right	10.24	/	/	9.10	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	9.57	/	/	8.43	/	/	<=33	Pass
		Edge_1RB_Right	9.22	/	/	8.08	/	/	<=33	Pass
		Outer_Full	9.40	/	/	8.26	/	/	<=33	Pass
		Inner_Full	9.27	/	/	8.13	/	/	<=33	Pass
		Inner_1RB_Left	9.56	/	/	8.42	/	/	<=33	Pass
		Inner_1RB_Right	9.15	/	/	8.01	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	9.81	/	/	8.67	/	/	<=33	Pass
		Edge_1RB_Right	10.08	/	/	8.94	/	/	<=33	Pass
		Outer_Full	9.40	/	/	8.26	/	/	<=33	Pass
		Inner_Full	9.51	/	/	8.37	/	/	<=33	Pass
		Inner_1RB_Left	9.54	/	/	8.40	/	/	<=33	Pass
		Inner_1RB_Right	9.73	/	/	8.59	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Edge_1RB_Left	7.42	/	/	6.28	/	/	<=33	Pass
		Edge_1RB_Right	7.18	/	/	6.04	/	/	<=33	Pass
		Outer_Full	7.40	/	/	6.26	/	/	<=33	Pass
		Inner_Full	7.50	/	/	6.36	/	/	<=33	Pass
		Inner_1RB_Left	7.38	/	/	6.24	/	/	<=33	Pass
		Inner_1RB_Right	7.29	/	/	6.15	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	6.17	/	/	5.03	/	/	<=33	Pass
		Edge_1RB_Right	6.28	/	/	5.14	/	/	<=33	Pass
		Outer_Full	6.33	/	/	5.19	/	/	<=33	Pass
		Inner_Full	6.31	/	/	5.17	/	/	<=33	Pass
		Inner_1RB_Left	6.21	/	/	5.07	/	/	<=33	Pass
		Inner_1RB_Right	6.22	/	/	5.08	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	6.55	/	/	5.41	/	/	<=33	Pass
		Edge_1RB_Right	6.50	/	/	5.36	/	/	<=33	Pass
		Outer_Full	6.46	/	/	5.32	/	/	<=33	Pass
		Inner_Full	6.57	/	/	5.43	/	/	<=33	Pass
		Inner_1RB_Left	6.39	/	/	5.25	/	/	<=33	Pass
		Inner_1RB_Right	6.41	/	/	5.27	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.14dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Edge_1RB_Left	12.30	/	/	11.16	/	/	<=33	Pass
		Edge_1RB_Right	11.66	/	/	10.52	/	/	<=33	Pass
		Outer_Full	12.68	/	/	11.54	/	/	<=33	Pass
		Inner_Full	13.68	/	/	12.54	/	/	<=33	Pass
		Inner_1RB_Left	13.21	/	/	12.07	/	/	<=33	Pass
		Inner_1RB_Right	12.73	/	/	11.59	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	11.66	/	/	10.52	/	/	<=33	Pass
		Edge_1RB_Right	11.47	/	/	10.33	/	/	<=33	Pass
		Outer_Full	11.93	/	/	10.79	/	/	<=33	Pass
		Inner_Full	12.83	/	/	11.69	/	/	<=33	Pass
		Inner_1RB_Left	12.60	/	/	11.46	/	/	<=33	Pass
		Inner_1RB_Right	12.46	/	/	11.32	/	/	<=33	Pass
	1910	Edge_1RB_Left	11.63	/	/	10.49	/	/	<=33	Pass
		Edge_1RB_Right	9.32	/	/	8.18	/	/	<=33	Pass

		Outer_Full	11.47	/	/	10.33	/	/	<=33	Pass
		Inner_Full	12.57	/	/	11.43	/	/	<=33	Pass
		Inner_1RB_Left	12.30	/	/	11.16	/	/	<=33	Pass
		Inner_1RB_Right	8.44	/	/	7.30	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	11.71	/	/	10.57	/	/	<=33	Pass
		Edge_1RB_Right	11.23	/	/	10.09	/	/	<=33	Pass
		Outer_Full	11.83	/	/	10.69	/	/	<=33	Pass
		Inner_Full	12.64	/	/	11.50	/	/	<=33	Pass
		Inner_1RB_Left	12.55	/	/	11.41	/	/	<=33	Pass
		Inner_1RB_Right	12.09	/	/	10.95	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	11.22	/	/	10.08	/	/	<=33	Pass
		Edge_1RB_Right	10.99	/	/	9.85	/	/	<=33	Pass
		Outer_Full	10.99	/	/	9.85	/	/	<=33	Pass
		Inner_Full	11.86	/	/	10.72	/	/	<=33	Pass
		Inner_1RB_Left	12.08	/	/	10.94	/	/	<=33	Pass
		Inner_1RB_Right	11.87	/	/	10.73	/	/	<=33	Pass
	1910	Edge_1RB_Left	10.40	/	/	9.26	/	/	<=33	Pass
		Edge_1RB_Right	7.91	/	/	6.77	/	/	<=33	Pass
		Outer_Full	10.40	/	/	9.26	/	/	<=33	Pass
		Inner_Full	11.39	/	/	10.25	/	/	<=33	Pass
		Inner_1RB_Left	11.02	/	/	9.88	/	/	<=33	Pass
		Inner_1RB_Right	8.06	/	/	6.92	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	10.79	/	/	9.65	/	/	<=33	Pass
		Edge_1RB_Right	10.48	/	/	9.34	/	/	<=33	Pass
		Outer_Full	11.34	/	/	10.20	/	/	<=33	Pass
		Inner_Full	11.22	/	/	10.08	/	/	<=33	Pass
		Inner_1RB_Left	10.81	/	/	9.67	/	/	<=33	Pass
		Inner_1RB_Right	10.55	/	/	9.41	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.72	/	/	9.58	/	/	<=33	Pass
		Edge_1RB_Right	10.29	/	/	9.15	/	/	<=33	Pass
		Outer_Full	10.49	/	/	9.35	/	/	<=33	Pass
		Inner_Full	10.69	/	/	9.55	/	/	<=33	Pass
		Inner_1RB_Left	10.65	/	/	9.51	/	/	<=33	Pass
		Inner_1RB_Right	10.10	/	/	8.96	/	/	<=33	Pass
	1910	Edge_1RB_Left	9.48	/	/	8.34	/	/	<=33	Pass
		Edge_1RB_Right	9.42	/	/	8.28	/	/	<=33	Pass
		Outer_Full	9.97	/	/	8.83	/	/	<=33	Pass
		Inner_Full	10.04	/	/	8.90	/	/	<=33	Pass
		Inner_1RB_Left	9.53	/	/	8.39	/	/	<=33	Pass
		Inner_1RB_Right	9.34	/	/	8.20	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	9.21	/	/	8.07	/	/	<=33	Pass
		Edge_1RB_Right	8.95	/	/	7.81	/	/	<=33	Pass
		Outer_Full	9.38	/	/	8.24	/	/	<=33	Pass
		Inner_Full	9.32	/	/	8.18	/	/	<=33	Pass
		Inner_1RB_Left	9.43	/	/	8.29	/	/	<=33	Pass
		Inner_1RB_Right	8.77	/	/	7.63	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	9.00	/	/	7.86	/	/	<=33	Pass
		Edge_1RB_Right	8.69	/	/	7.55	/	/	<=33	Pass
		Outer_Full	8.69	/	/	7.55	/	/	<=33	Pass
		Inner_Full	9.35	/	/	8.21	/	/	<=33	Pass
		Inner_1RB_Left	9.15	/	/	8.01	/	/	<=33	Pass
		Inner_1RB_Right	8.71	/	/	7.57	/	/	<=33	Pass
	1910	Edge_1RB_Left	7.75	/	/	6.61	/	/	<=33	Pass
		Edge_1RB_Right	7.91	/	/	6.77	/	/	<=33	Pass
		Outer_Full	8.07	/	/	6.93	/	/	<=33	Pass
		Inner_Full	8.24	/	/	7.10	/	/	<=33	Pass
		Inner_1RB_Left	7.79	/	/	6.65	/	/	<=33	Pass
		Inner_1RB_Right	7.81	/	/	6.67	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge_1RB_Left	11.17	/	/	10.03	/	/	<=33	Pass

		Edge_1RB_Right	10.83	/	/	9.69	/	/	<=33	Pass
		Outer_Full	10.93	/	/	9.79	/	/	<=33	Pass
		Inner_Full	12.14	/	/	11.00	/	/	<=33	Pass
		Inner_1RB_Left	12.53	/	/	11.39	/	/	<=33	Pass
		Inner_1RB_Right	11.77	/	/	10.63	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.77	/	/	9.63	/	/	<=33	Pass
		Edge_1RB_Right	10.51	/	/	9.37	/	/	<=33	Pass
		Outer_Full	10.75	/	/	9.61	/	/	<=33	Pass
		Inner_Full	11.70	/	/	10.56	/	/	<=33	Pass
		Inner_1RB_Left	11.95	/	/	10.81	/	/	<=33	Pass
		Inner_1RB_Right	11.76	/	/	10.62	/	/	<=33	Pass
	1910	Edge_1RB_Left	9.74	/	/	8.60	/	/	<=33	Pass
		Edge_1RB_Right	9.67	/	/	8.53	/	/	<=33	Pass
		Outer_Full	9.85	/	/	8.71	/	/	<=33	Pass
		Inner_Full	11.00	/	/	9.86	/	/	<=33	Pass
		Inner_1RB_Left	11.17	/	/	10.03	/	/	<=33	Pass
		Inner_1RB_Right	10.29	/	/	9.15	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	11.11	/	/	9.97	/	/	<=33	Pass
		Edge_1RB_Right	10.49	/	/	9.35	/	/	<=33	Pass
		Outer_Full	10.85	/	/	9.71	/	/	<=33	Pass
		Inner_Full	11.70	/	/	10.56	/	/	<=33	Pass
		Inner_1RB_Left	12.11	/	/	10.97	/	/	<=33	Pass
		Inner_1RB_Right	11.22	/	/	10.08	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.18	/	/	9.04	/	/	<=33	Pass
		Edge_1RB_Right	10.10	/	/	8.96	/	/	<=33	Pass
		Outer_Full	10.27	/	/	9.13	/	/	<=33	Pass
		Inner_Full	11.14	/	/	10.00	/	/	<=33	Pass
		Inner_1RB_Left	11.11	/	/	9.97	/	/	<=33	Pass
		Inner_1RB_Right	11.08	/	/	9.94	/	/	<=33	Pass
	1910	Edge_1RB_Left	9.39	/	/	8.25	/	/	<=33	Pass
		Edge_1RB_Right	9.35	/	/	8.21	/	/	<=33	Pass
		Outer_Full	9.69	/	/	8.55	/	/	<=33	Pass
		Inner_Full	10.74	/	/	9.60	/	/	<=33	Pass
		Inner_1RB_Left	10.36	/	/	9.22	/	/	<=33	Pass
		Inner_1RB_Right	10.39	/	/	9.25	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	10.39	/	/	9.25	/	/	<=33	Pass
		Edge_1RB_Right	10.27	/	/	9.13	/	/	<=33	Pass
		Outer_Full	10.26	/	/	9.12	/	/	<=33	Pass
		Inner_Full	10.21	/	/	9.07	/	/	<=33	Pass
		Inner_1RB_Left	10.36	/	/	9.22	/	/	<=33	Pass
		Inner_1RB_Right	10.21	/	/	9.07	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.03	/	/	8.89	/	/	<=33	Pass
		Edge_1RB_Right	9.35	/	/	8.21	/	/	<=33	Pass
		Outer_Full	9.62	/	/	8.48	/	/	<=33	Pass
		Inner_Full	9.61	/	/	8.47	/	/	<=33	Pass
		Inner_1RB_Left	10.02	/	/	8.88	/	/	<=33	Pass
		Inner_1RB_Right	9.38	/	/	8.24	/	/	<=33	Pass
	1910	Edge_1RB_Left	9.23	/	/	8.09	/	/	<=33	Pass
		Edge_1RB_Right	9.67	/	/	8.53	/	/	<=33	Pass
		Outer_Full	9.44	/	/	8.30	/	/	<=33	Pass
		Inner_Full	9.33	/	/	8.19	/	/	<=33	Pass
		Inner_1RB_Left	9.40	/	/	8.26	/	/	<=33	Pass
		Inner_1RB_Right	9.59	/	/	8.45	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge_1RB_Left	7.45	/	/	6.31	/	/	<=33	Pass
		Edge_1RB_Right	6.88	/	/	5.74	/	/	<=33	Pass
		Outer_Full	7.27	/	/	6.13	/	/	<=33	Pass
		Inner_Full	7.12	/	/	5.98	/	/	<=33	Pass
		Inner_1RB_Left	7.35	/	/	6.21	/	/	<=33	Pass
		Inner_1RB_Right	6.86	/	/	5.72	/	/	<=33	Pass

	1882.5	Edge_1RB_Left	6.25	/	/	5.11	/	/	<=33	Pass
		Edge_1RB_Right	5.94	/	/	4.80	/	/	<=33	Pass
		Outer_Full	6.73	/	/	5.59	/	/	<=33	Pass
		Inner_Full	6.24	/	/	5.10	/	/	<=33	Pass
		Inner_1RB_Left	6.26	/	/	5.12	/	/	<=33	Pass
		Inner_1RB_Right	6.19	/	/	5.05	/	/	<=33	Pass
	1910	Edge_1RB_Left	6.09	/	/	4.95	/	/	<=33	Pass
		Edge_1RB_Right	5.94	/	/	4.80	/	/	<=33	Pass
		Outer_Full	6.48	/	/	5.34	/	/	<=33	Pass
		Inner_Full	6.16	/	/	5.02	/	/	<=33	Pass
		Inner_1RB_Left	6.09	/	/	4.95	/	/	<=33	Pass
		Inner_1RB_Right	6.09	/	/	4.95	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.14dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	12.84	/	/	11.70	/	/	<=33	Pass
		Edge_1RB_Right	11.96	/	/	10.82	/	/	<=33	Pass
		Outer_Full	12.93	/	/	11.79	/	/	<=33	Pass
		Inner_Full	14.11	/	/	12.97	/	/	<=33	Pass
		Inner_1RB_Left	13.75	/	/	12.61	/	/	<=33	Pass
		Inner_1RB_Right	12.91	/	/	11.77	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	12.03	/	/	10.89	/	/	<=33	Pass
		Edge_1RB_Right	11.62	/	/	10.48	/	/	<=33	Pass
		Outer_Full	12.34	/	/	11.20	/	/	<=33	Pass
		Inner_Full	13.18	/	/	12.04	/	/	<=33	Pass
		Inner_1RB_Left	12.97	/	/	11.83	/	/	<=33	Pass
		Inner_1RB_Right	12.65	/	/	11.51	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	12.27	/	/	11.13	/	/	<=33	Pass
		Edge_1RB_Right	9.74	/	/	8.60	/	/	<=33	Pass
		Outer_Full	12.73	/	/	11.59	/	/	<=33	Pass
		Inner_Full	13.02	/	/	11.88	/	/	<=33	Pass
		Inner_1RB_Left	12.57	/	/	11.43	/	/	<=33	Pass
		Inner_1RB_Right	8.78	/	/	7.64	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	12.07	/	/	10.93	/	/	<=33	Pass
		Edge_1RB_Right	11.47	/	/	10.33	/	/	<=33	Pass
		Outer_Full	12.22	/	/	11.08	/	/	<=33	Pass
		Inner_Full	12.94	/	/	11.80	/	/	<=33	Pass
		Inner_1RB_Left	12.84	/	/	11.70	/	/	<=33	Pass
		Inner_1RB_Right	12.28	/	/	11.14	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	11.67	/	/	10.53	/	/	<=33	Pass
		Edge_1RB_Right	11.24	/	/	10.10	/	/	<=33	Pass
		Outer_Full	11.35	/	/	10.21	/	/	<=33	Pass
		Inner_Full	12.13	/	/	10.99	/	/	<=33	Pass
		Inner_1RB_Left	12.33	/	/	11.19	/	/	<=33	Pass
		Inner_1RB_Right	12.06	/	/	10.92	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	10.50	/	/	9.36	/	/	<=33	Pass
		Edge_1RB_Right	8.26	/	/	7.12	/	/	<=33	Pass
		Outer_Full	11.17	/	/	10.03	/	/	<=33	Pass
		Inner_Full	12.01	/	/	10.87	/	/	<=33	Pass
		Inner_1RB_Left	11.56	/	/	10.42	/	/	<=33	Pass
		Inner_1RB_Right	8.63	/	/	7.49	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	11.23	/	/	10.09	/	/	<=33	Pass
		Edge_1RB_Right	10.80	/	/	9.66	/	/	<=33	Pass

		Outer_Full	11.65	/	/	10.51	/	/	<=33	Pass
		Inner_Full	11.60	/	/	10.46	/	/	<=33	Pass
		Inner_1RB_Left	11.24	/	/	10.10	/	/	<=33	Pass
		Inner_1RB_Right	10.94	/	/	9.80	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.99	/	/	9.85	/	/	<=33	Pass
		Edge_1RB_Right	10.42	/	/	9.28	/	/	<=33	Pass
		Outer_Full	10.86	/	/	9.72	/	/	<=33	Pass
		Inner_Full	10.83	/	/	9.69	/	/	<=33	Pass
		Inner_1RB_Left	10.95	/	/	9.81	/	/	<=33	Pass
		Inner_1RB_Right	10.39	/	/	9.25	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	10.11	/	/	8.97	/	/	<=33	Pass
		Edge_1RB_Right	10.00	/	/	8.86	/	/	<=33	Pass
		Outer_Full	10.84	/	/	9.70	/	/	<=33	Pass
		Inner_Full	10.69	/	/	9.55	/	/	<=33	Pass
		Inner_1RB_Left	10.04	/	/	8.90	/	/	<=33	Pass
		Inner_1RB_Right	9.91	/	/	8.77	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge_1RB_Left	9.62	/	/	8.48	/	/	<=33	Pass
		Edge_1RB_Right	9.18	/	/	8.04	/	/	<=33	Pass
		Outer_Full	9.59	/	/	8.45	/	/	<=33	Pass
		Inner_Full	9.51	/	/	8.37	/	/	<=33	Pass
		Inner_1RB_Left	9.65	/	/	8.51	/	/	<=33	Pass
		Inner_1RB_Right	8.94	/	/	7.80	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	8.61	/	/	7.47	/	/	<=33	Pass
		Edge_1RB_Right	7.82	/	/	6.68	/	/	<=33	Pass
		Outer_Full	8.85	/	/	7.71	/	/	<=33	Pass
		Inner_Full	8.42	/	/	7.28	/	/	<=33	Pass
		Inner_1RB_Left	8.59	/	/	7.45	/	/	<=33	Pass
		Inner_1RB_Right	7.95	/	/	6.81	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	8.61	/	/	7.47	/	/	<=33	Pass
		Edge_1RB_Right	8.32	/	/	7.18	/	/	<=33	Pass
		Outer_Full	8.87	/	/	7.73	/	/	<=33	Pass
		Inner_Full	8.64	/	/	7.50	/	/	<=33	Pass
		Inner_1RB_Left	8.56	/	/	7.42	/	/	<=33	Pass
		Inner_1RB_Right	8.27	/	/	7.13	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	11.38	/	/	10.24	/	/	<=33	Pass
		Edge_1RB_Right	10.90	/	/	9.76	/	/	<=33	Pass
		Outer_Full	11.06	/	/	9.92	/	/	<=33	Pass
		Inner_Full	12.52	/	/	11.38	/	/	<=33	Pass
		Inner_1RB_Left	12.79	/	/	11.65	/	/	<=33	Pass
		Inner_1RB_Right	11.83	/	/	10.69	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.35	/	/	9.21	/	/	<=33	Pass
		Edge_1RB_Right	9.82	/	/	8.68	/	/	<=33	Pass
		Outer_Full	10.08	/	/	8.94	/	/	<=33	Pass
		Inner_Full	11.58	/	/	10.44	/	/	<=33	Pass
		Inner_1RB_Left	11.63	/	/	10.49	/	/	<=33	Pass
		Inner_1RB_Right	11.18	/	/	10.04	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	10.27	/	/	9.13	/	/	<=33	Pass
		Edge_1RB_Right	10.32	/	/	9.18	/	/	<=33	Pass
		Outer_Full	10.34	/	/	9.20	/	/	<=33	Pass
		Inner_Full	11.88	/	/	10.74	/	/	<=33	Pass
		Inner_1RB_Left	11.34	/	/	10.20	/	/	<=33	Pass
		Inner_1RB_Right	10.16	/	/	9.02	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Left	11.47	/	/	10.33	/	/	<=33	Pass
		Edge_1RB_Right	10.53	/	/	9.39	/	/	<=33	Pass
		Outer_Full	11.28	/	/	10.14	/	/	<=33	Pass
		Inner_Full	12.24	/	/	11.10	/	/	<=33	Pass
		Inner_1RB_Left	12.43	/	/	11.29	/	/	<=33	Pass
		Inner_1RB_Right	11.33	/	/	10.19	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.36	/	/	9.22	/	/	<=33	Pass

		Edge_1RB_Right	10.09	/	/	8.95	/	/	<=33	Pass
		Outer_Full	10.27	/	/	9.13	/	/	<=33	Pass
		Inner_Full	11.33	/	/	10.19	/	/	<=33	Pass
		Inner_1RB_Left	11.19	/	/	10.05	/	/	<=33	Pass
		Inner_1RB_Right	10.88	/	/	9.74	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	9.71	/	/	8.57	/	/	<=33	Pass
		Edge_1RB_Right	9.67	/	/	8.53	/	/	<=33	Pass
		Outer_Full	10.72	/	/	9.58	/	/	<=33	Pass
		Inner_Full	11.40	/	/	10.26	/	/	<=33	Pass
		Inner_1RB_Left	10.66	/	/	9.52	/	/	<=33	Pass
		Inner_1RB_Right	10.34	/	/	9.20	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	10.75	/	/	9.61	/	/	<=33	Pass
		Edge_1RB_Right	10.73	/	/	9.59	/	/	<=33	Pass
		Outer_Full	10.72	/	/	9.58	/	/	<=33	Pass
		Inner_Full	10.59	/	/	9.45	/	/	<=33	Pass
		Inner_1RB_Left	10.76	/	/	9.62	/	/	<=33	Pass
		Inner_1RB_Right	10.66	/	/	9.52	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.27	/	/	9.13	/	/	<=33	Pass
		Edge_1RB_Right	9.31	/	/	8.17	/	/	<=33	Pass
		Outer_Full	9.81	/	/	8.67	/	/	<=33	Pass
		Inner_Full	9.68	/	/	8.54	/	/	<=33	Pass
		Inner_1RB_Left	10.32	/	/	9.18	/	/	<=33	Pass
		Inner_1RB_Right	9.28	/	/	8.14	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	9.77	/	/	8.63	/	/	<=33	Pass
		Edge_1RB_Right	9.60	/	/	8.46	/	/	<=33	Pass
		Outer_Full	10.09	/	/	8.95	/	/	<=33	Pass
		Inner_Full	10.01	/	/	8.87	/	/	<=33	Pass
		Inner_1RB_Left	9.79	/	/	8.65	/	/	<=33	Pass
		Inner_1RB_Right	9.61	/	/	8.47	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	7.74	/	/	6.60	/	/	<=33	Pass
		Edge_1RB_Right	7.14	/	/	6.00	/	/	<=33	Pass
		Outer_Full	7.74	/	/	6.60	/	/	<=33	Pass
		Inner_Full	7.33	/	/	6.19	/	/	<=33	Pass
		Inner_1RB_Left	7.50	/	/	6.36	/	/	<=33	Pass
		Inner_1RB_Right	7.05	/	/	5.91	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	6.56	/	/	5.42	/	/	<=33	Pass
		Edge_1RB_Right	6.33	/	/	5.19	/	/	<=33	Pass
		Outer_Full	6.73	/	/	5.59	/	/	<=33	Pass
		Inner_Full	6.35	/	/	5.21	/	/	<=33	Pass
		Inner_1RB_Left	6.50	/	/	5.36	/	/	<=33	Pass
		Inner_1RB_Right	6.09	/	/	4.95	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	6.80	/	/	5.66	/	/	<=33	Pass
		Edge_1RB_Right	6.84	/	/	5.70	/	/	<=33	Pass
		Outer_Full	7.26	/	/	6.12	/	/	<=33	Pass
		Inner_Full	7.08	/	/	5.94	/	/	<=33	Pass
		Inner_1RB_Left	6.75	/	/	5.61	/	/	<=33	Pass
		Inner_1RB_Right	6.82	/	/	5.68	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.14dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	13.00	/	/	11.86	/	/	<=33	Pass
		Edge_1RB_Right	12.27	/	/	11.13	/	/	<=33	Pass
		Outer_Full	12.97	/	/	11.83	/	/	<=33	Pass

		Inner_Full	14.38	/	/	13.24	/	/	<=33	Pass
		Inner_1RB_Left	13.98	/	/	12.84	/	/	<=33	Pass
		Inner_1RB_Right	13.38	/	/	12.24	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	12.40	/	/	11.26	/	/	<=33	Pass
		Edge_1RB_Right	11.92	/	/	10.78	/	/	<=33	Pass
		Outer_Full	12.82	/	/	11.68	/	/	<=33	Pass
		Inner_Full	13.77	/	/	12.63	/	/	<=33	Pass
		Inner_1RB_Left	13.11	/	/	11.97	/	/	<=33	Pass
		Inner_1RB_Right	12.89	/	/	11.75	/	/	<=33	Pass
	1905	Edge_1RB_Left	11.81	/	/	10.67	/	/	<=33	Pass
		Edge_1RB_Right	9.73	/	/	8.59	/	/	<=33	Pass
		Outer_Full	12.85	/	/	11.71	/	/	<=33	Pass
		Inner_Full	14.00	/	/	12.86	/	/	<=33	Pass
		Inner_1RB_Left	13.81	/	/	12.67	/	/	<=33	Pass
		Inner_1RB_Right	9.94	/	/	8.80	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	12.54	/	/	11.40	/	/	<=33	Pass
		Edge_1RB_Right	12.22	/	/	11.08	/	/	<=33	Pass
		Outer_Full	12.51	/	/	11.37	/	/	<=33	Pass
		Inner_Full	13.62	/	/	12.48	/	/	<=33	Pass
		Inner_1RB_Left	13.26	/	/	12.12	/	/	<=33	Pass
		Inner_1RB_Right	12.92	/	/	11.78	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	11.63	/	/	10.49	/	/	<=33	Pass
		Edge_1RB_Right	11.10	/	/	9.96	/	/	<=33	Pass
		Outer_Full	11.95	/	/	10.81	/	/	<=33	Pass
		Inner_Full	12.69	/	/	11.55	/	/	<=33	Pass
		Inner_1RB_Left	12.39	/	/	11.25	/	/	<=33	Pass
		Inner_1RB_Right	12.02	/	/	10.88	/	/	<=33	Pass
	1905	Edge_1RB_Left	11.47	/	/	10.33	/	/	<=33	Pass
		Edge_1RB_Right	8.75	/	/	7.61	/	/	<=33	Pass
		Outer_Full	12.21	/	/	11.07	/	/	<=33	Pass
		Inner_Full	13.10	/	/	11.96	/	/	<=33	Pass
		Inner_1RB_Left	12.53	/	/	11.39	/	/	<=33	Pass
		Inner_1RB_Right	9.08	/	/	7.94	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	11.64	/	/	10.50	/	/	<=33	Pass
		Edge_1RB_Right	11.68	/	/	10.54	/	/	<=33	Pass
		Outer_Full	12.21	/	/	11.07	/	/	<=33	Pass
		Inner_Full	12.19	/	/	11.05	/	/	<=33	Pass
		Inner_1RB_Left	11.73	/	/	10.59	/	/	<=33	Pass
		Inner_1RB_Right	11.67	/	/	10.53	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.98	/	/	9.84	/	/	<=33	Pass
		Edge_1RB_Right	10.46	/	/	9.32	/	/	<=33	Pass
		Outer_Full	11.39	/	/	10.25	/	/	<=33	Pass
		Inner_Full	11.32	/	/	10.18	/	/	<=33	Pass
		Inner_1RB_Left	10.99	/	/	9.85	/	/	<=33	Pass
		Inner_1RB_Right	10.43	/	/	9.29	/	/	<=33	Pass
	1905	Edge_1RB_Left	10.86	/	/	9.72	/	/	<=33	Pass
		Edge_1RB_Right	9.02	/	/	7.88	/	/	<=33	Pass
		Outer_Full	11.88	/	/	10.74	/	/	<=33	Pass
		Inner_Full	11.57	/	/	10.43	/	/	<=33	Pass
		Inner_1RB_Left	10.82	/	/	9.68	/	/	<=33	Pass
		Inner_1RB_Right	9.20	/	/	8.06	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	9.91	/	/	8.77	/	/	<=33	Pass
		Edge_1RB_Right	9.89	/	/	8.75	/	/	<=33	Pass
		Outer_Full	10.18	/	/	9.04	/	/	<=33	Pass
		Inner_Full	10.16	/	/	9.02	/	/	<=33	Pass
		Inner_1RB_Left	9.85	/	/	8.71	/	/	<=33	Pass
		Inner_1RB_Right	9.89	/	/	8.75	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	9.20	/	/	8.06	/	/	<=33	Pass
		Edge_1RB_Right	8.75	/	/	7.61	/	/	<=33	Pass

		Outer_Full	9.36	/	/	8.22	/	/	<=33	Pass
		Inner_Full	9.31	/	/	8.17	/	/	<=33	Pass
		Inner_1RB_Left	9.16	/	/	8.02	/	/	<=33	Pass
		Inner_1RB_Right	8.64	/	/	7.50	/	/	<=33	Pass
	1905	Edge_1RB_Left	9.07	/	/	7.93	/	/	<=33	Pass
		Edge_1RB_Right	9.16	/	/	8.02	/	/	<=33	Pass
		Outer_Full	9.56	/	/	8.42	/	/	<=33	Pass
		Inner_Full	9.45	/	/	8.31	/	/	<=33	Pass
		Inner_1RB_Left	8.82	/	/	7.68	/	/	<=33	Pass
		Inner_1RB_Right	8.96	/	/	7.82	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	11.39	/	/	10.25	/	/	<=33	Pass
		Edge_1RB_Right	10.96	/	/	9.82	/	/	<=33	Pass
		Outer_Full	11.74	/	/	10.60	/	/	<=33	Pass
		Inner_Full	12.93	/	/	11.79	/	/	<=33	Pass
		Inner_1RB_Left	12.79	/	/	11.65	/	/	<=33	Pass
		Inner_1RB_Right	12.10	/	/	10.96	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.52	/	/	9.38	/	/	<=33	Pass
		Edge_1RB_Right	10.45	/	/	9.31	/	/	<=33	Pass
		Outer_Full	10.85	/	/	9.71	/	/	<=33	Pass
		Inner_Full	12.39	/	/	11.25	/	/	<=33	Pass
		Inner_1RB_Left	12.14	/	/	11.00	/	/	<=33	Pass
		Inner_1RB_Right	11.76	/	/	10.62	/	/	<=33	Pass
	1905	Edge_1RB_Left	10.20	/	/	9.06	/	/	<=33	Pass
		Edge_1RB_Right	10.29	/	/	9.15	/	/	<=33	Pass
		Outer_Full	10.97	/	/	9.83	/	/	<=33	Pass
		Inner_Full	13.85	/	/	12.71	/	/	<=33	Pass
		Inner_1RB_Left	12.80	/	/	11.66	/	/	<=33	Pass
		Inner_1RB_Right	10.39	/	/	9.25	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	11.46	/	/	10.32	/	/	<=33	Pass
		Edge_1RB_Right	10.58	/	/	9.44	/	/	<=33	Pass
		Outer_Full	11.69	/	/	10.55	/	/	<=33	Pass
		Inner_Full	12.68	/	/	11.54	/	/	<=33	Pass
		Inner_1RB_Left	12.57	/	/	11.43	/	/	<=33	Pass
		Inner_1RB_Right	11.58	/	/	10.44	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.22	/	/	9.08	/	/	<=33	Pass
		Edge_1RB_Right	10.15	/	/	9.01	/	/	<=33	Pass
		Outer_Full	11.04	/	/	9.90	/	/	<=33	Pass
		Inner_Full	11.95	/	/	10.81	/	/	<=33	Pass
		Inner_1RB_Left	11.31	/	/	10.17	/	/	<=33	Pass
		Inner_1RB_Right	11.01	/	/	9.87	/	/	<=33	Pass
	1905	Edge_1RB_Left	10.24	/	/	9.10	/	/	<=33	Pass
		Edge_1RB_Right	10.01	/	/	8.87	/	/	<=33	Pass
		Outer_Full	12.57	/	/	11.43	/	/	<=33	Pass
		Inner_Full	12.27	/	/	11.13	/	/	<=33	Pass
		Inner_1RB_Left	11.15	/	/	10.01	/	/	<=33	Pass
		Inner_1RB_Right	10.27	/	/	9.13	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	10.72	/	/	9.58	/	/	<=33	Pass
		Edge_1RB_Right	10.67	/	/	9.53	/	/	<=33	Pass
		Outer_Full	11.27	/	/	10.13	/	/	<=33	Pass
		Inner_Full	11.06	/	/	9.92	/	/	<=33	Pass
		Inner_1RB_Left	10.77	/	/	9.63	/	/	<=33	Pass
		Inner_1RB_Right	10.68	/	/	9.54	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	10.41	/	/	9.27	/	/	<=33	Pass
		Edge_1RB_Right	9.69	/	/	8.55	/	/	<=33	Pass
		Outer_Full	10.46	/	/	9.32	/	/	<=33	Pass
		Inner_Full	10.26	/	/	9.12	/	/	<=33	Pass
		Inner_1RB_Left	10.37	/	/	9.23	/	/	<=33	Pass
		Inner_1RB_Right	9.59	/	/	8.45	/	/	<=33	Pass
	1905	Edge_1RB_Left	10.07	/	/	8.93	/	/	<=33	Pass

		Edge_1RB_Right	10.32	/	/	9.18	/	/	<=33	Pass
		Outer_Full	10.74	/	/	9.60	/	/	<=33	Pass
		Inner_Full	10.34	/	/	9.20	/	/	<=33	Pass
		Inner_1RB_Left	10.05	/	/	8.91	/	/	<=33	Pass
		Inner_1RB_Right	10.37	/	/	9.23	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge_1RB_Left	8.30	/	/	7.16	/	/	<=33	Pass
		Edge_1RB_Right	7.77	/	/	6.63	/	/	<=33	Pass
		Outer_Full	8.18	/	/	7.04	/	/	<=33	Pass
		Inner_Full	8.03	/	/	6.89	/	/	<=33	Pass
		Inner_1RB_Left	8.39	/	/	7.25	/	/	<=33	Pass
		Inner_1RB_Right	7.65	/	/	6.51	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	7.28	/	/	6.14	/	/	<=33	Pass
		Edge_1RB_Right	7.08	/	/	5.94	/	/	<=33	Pass
		Outer_Full	7.47	/	/	6.33	/	/	<=33	Pass
		Inner_Full	7.34	/	/	6.20	/	/	<=33	Pass
		Inner_1RB_Left	7.37	/	/	6.23	/	/	<=33	Pass
		Inner_1RB_Right	7.07	/	/	5.93	/	/	<=33	Pass
	1905	Edge_1RB_Left	7.19	/	/	6.05	/	/	<=33	Pass
		Edge_1RB_Right	7.28	/	/	6.14	/	/	<=33	Pass
		Outer_Full	7.55	/	/	6.41	/	/	<=33	Pass
		Inner_Full	7.39	/	/	6.25	/	/	<=33	Pass
		Inner_1RB_Left	7.14	/	/	6.00	/	/	<=33	Pass
		Inner_1RB_Right	7.21	/	/	6.07	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.14dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_10MHz_NTNV_EIRP

5G NR n25 SCS=30kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Edge_1RB_Left	21.30	/	/	20.16	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	20.31	/	/	<=33	Pass
		Outer_Full	21.46	/	/	20.32	/	/	<=33	Pass
		Inner_Full	22.51	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Left	22.39	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	21.31	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.67	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	21.65	/	/	20.51	/	/	<=33	Pass
		Outer_Full	21.79	/	/	20.65	/	/	<=33	Pass
		Inner_Full	22.78	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Left	22.61	/	/	21.47	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	21.51	/	/	<=33	Pass
	1910	Edge_1RB_Left	21.76	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	21.62	/	/	20.48	/	/	<=33	Pass
		Outer_Full	21.80	/	/	20.66	/	/	<=33	Pass
		Inner_Full	22.82	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Left	22.85	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	21.58	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	20.29	/	/	19.15	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	19.25	/	/	<=33	Pass
		Outer_Full	20.69	/	/	19.55	/	/	<=33	Pass
		Inner_Full	21.57	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Left	21.17	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Right	21.29	/	/	20.15	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.01	/	/	19.87	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	19.73	/	/	<=33	Pass
		Outer_Full	20.91	/	/	19.77	/	/	<=33	Pass

		Inner_Full	21.83	/	/	20.69	/	/	<=33	Pass
		Inner_1RB_Left	21.89	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	20.55	/	/	<=33	Pass
	1910	Edge_1RB_Left	20.68	/	/	19.54	/	/	<=33	Pass
		Edge_1RB_Right	20.61	/	/	19.47	/	/	<=33	Pass
		Outer_Full	20.84	/	/	19.70	/	/	<=33	Pass
		Inner_Full	21.80	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	20.37	/	/	<=33	Pass
		Inner_1RB_Right	21.51	/	/	20.37	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	20.02	/	/	18.88	/	/	<=33	Pass
		Edge_1RB_Right	20.12	/	/	18.98	/	/	<=33	Pass
		Outer_Full	20.11	/	/	18.97	/	/	<=33	Pass
		Inner_Full	20.13	/	/	18.99	/	/	<=33	Pass
		Inner_1RB_Left	19.88	/	/	18.74	/	/	<=33	Pass
		Inner_1RB_Right	20.03	/	/	18.89	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.45	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	20.33	/	/	19.19	/	/	<=33	Pass
		Outer_Full	20.36	/	/	19.22	/	/	<=33	Pass
		Inner_Full	20.45	/	/	19.31	/	/	<=33	Pass
		Inner_1RB_Left	20.22	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	19.15	/	/	<=33	Pass
	1910	Edge_1RB_Left	20.30	/	/	19.16	/	/	<=33	Pass
		Edge_1RB_Right	20.15	/	/	19.01	/	/	<=33	Pass
		Outer_Full	20.41	/	/	19.27	/	/	<=33	Pass
		Inner_Full	20.42	/	/	19.28	/	/	<=33	Pass
		Inner_1RB_Left	20.31	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	19.21	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	18.31	/	/	17.17	/	/	<=33	Pass
		Edge_1RB_Right	18.24	/	/	17.10	/	/	<=33	Pass
		Outer_Full	18.10	/	/	16.96	/	/	<=33	Pass
		Inner_Full	18.04	/	/	16.90	/	/	<=33	Pass
		Inner_1RB_Left	18.10	/	/	16.96	/	/	<=33	Pass
		Inner_1RB_Right	18.17	/	/	17.03	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.42	/	/	17.28	/	/	<=33	Pass
		Edge_1RB_Right	18.67	/	/	17.53	/	/	<=33	Pass
		Outer_Full	18.43	/	/	17.29	/	/	<=33	Pass
		Inner_Full	18.39	/	/	17.25	/	/	<=33	Pass
		Inner_1RB_Left	18.54	/	/	17.40	/	/	<=33	Pass
		Inner_1RB_Right	18.68	/	/	17.54	/	/	<=33	Pass
	1910	Edge_1RB_Left	18.53	/	/	17.39	/	/	<=33	Pass
		Edge_1RB_Right	18.62	/	/	17.48	/	/	<=33	Pass
		Outer_Full	18.45	/	/	17.31	/	/	<=33	Pass
		Inner_Full	18.33	/	/	17.19	/	/	<=33	Pass
		Inner_1RB_Left	18.73	/	/	17.59	/	/	<=33	Pass
		Inner_1RB_Right	18.60	/	/	17.46	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge_1RB_Left	19.54	/	/	18.40	/	/	<=33	Pass
		Edge_1RB_Right	19.61	/	/	18.47	/	/	<=33	Pass
		Outer_Full	19.65	/	/	18.51	/	/	<=33	Pass
		Inner_Full	21.13	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Left	20.83	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	19.63	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.83	/	/	18.69	/	/	<=33	Pass
		Edge_1RB_Right	19.79	/	/	18.65	/	/	<=33	Pass
		Outer_Full	19.96	/	/	18.82	/	/	<=33	Pass
		Inner_Full	21.33	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Left	21.12	/	/	19.98	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	20.01	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.94	/	/	18.80	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	18.69	/	/	<=33	Pass

		Outer_Full	20.02	/	/	18.88	/	/	<=33	Pass
		Inner_Full	21.36	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	20.08	/	/	<=33	Pass
		Inner_1RB_Right	21.17	/	/	20.03	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	19.40	/	/	18.26	/	/	<=33	Pass
		Edge_1RB_Right	19.58	/	/	18.44	/	/	<=33	Pass
		Outer_Full	19.62	/	/	18.48	/	/	<=33	Pass
		Inner_Full	20.62	/	/	19.48	/	/	<=33	Pass
		Inner_1RB_Left	20.46	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Right	20.61	/	/	19.47	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.10	/	/	18.96	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	18.88	/	/	<=33	Pass
		Outer_Full	19.87	/	/	18.73	/	/	<=33	Pass
		Inner_Full	20.90	/	/	19.76	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	19.87	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.90	/	/	18.76	/	/	<=33	Pass
		Edge_1RB_Right	19.80	/	/	18.66	/	/	<=33	Pass
		Outer_Full	19.94	/	/	18.80	/	/	<=33	Pass
		Inner_Full	20.77	/	/	19.63	/	/	<=33	Pass
		Inner_1RB_Left	20.68	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	19.40	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	19.19	/	/	18.05	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	17.92	/	/	<=33	Pass
		Outer_Full	19.06	/	/	17.92	/	/	<=33	Pass
		Inner_Full	19.08	/	/	17.94	/	/	<=33	Pass
		Inner_1RB_Left	19.02	/	/	17.88	/	/	<=33	Pass
		Inner_1RB_Right	19.12	/	/	17.98	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.22	/	/	18.08	/	/	<=33	Pass
		Edge_1RB_Right	19.44	/	/	18.30	/	/	<=33	Pass
		Outer_Full	19.37	/	/	18.23	/	/	<=33	Pass
		Inner_Full	19.39	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Left	19.46	/	/	18.32	/	/	<=33	Pass
		Inner_1RB_Right	19.50	/	/	18.36	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.35	/	/	18.21	/	/	<=33	Pass
		Edge_1RB_Right	19.09	/	/	17.95	/	/	<=33	Pass
		Outer_Full	19.40	/	/	18.26	/	/	<=33	Pass
		Inner_Full	19.33	/	/	18.19	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	18.04	/	/	<=33	Pass
		Inner_1RB_Right	19.09	/	/	17.95	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge_1RB_Left	16.31	/	/	15.17	/	/	<=33	Pass
		Edge_1RB_Right	16.06	/	/	14.92	/	/	<=33	Pass
		Outer_Full	16.07	/	/	14.93	/	/	<=33	Pass
		Inner_Full	16.01	/	/	14.87	/	/	<=33	Pass
		Inner_1RB_Left	16.30	/	/	15.16	/	/	<=33	Pass
		Inner_1RB_Right	16.25	/	/	15.11	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.37	/	/	15.23	/	/	<=33	Pass
		Edge_1RB_Right	16.30	/	/	15.16	/	/	<=33	Pass
		Outer_Full	16.33	/	/	15.19	/	/	<=33	Pass
		Inner_Full	16.26	/	/	15.12	/	/	<=33	Pass
		Inner_1RB_Left	16.34	/	/	15.20	/	/	<=33	Pass
		Inner_1RB_Right	16.67	/	/	15.53	/	/	<=33	Pass
	1910	Edge_1RB_Left	16.84	/	/	15.70	/	/	<=33	Pass
		Edge_1RB_Right	16.71	/	/	15.57	/	/	<=33	Pass
		Outer_Full	16.35	/	/	15.21	/	/	<=33	Pass
		Inner_Full	16.28	/	/	15.14	/	/	<=33	Pass
		Inner_1RB_Left	16.48	/	/	15.34	/	/	<=33	Pass
		Inner_1RB_Right	16.46	/	/	15.32	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.14dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 30k_SISO_15MHz_NTNV_EIRP

5G NR n25 SCS=30kHz SISO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	21.31	/	/	20.17	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	20.31	/	/	<=33	Pass
		Outer_Full	21.53	/	/	20.39	/	/	<=33	Pass
		Inner_Full	22.51	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Right	22.54	/	/	21.40	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.67	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	21.63	/	/	20.49	/	/	<=33	Pass
		Outer_Full	21.74	/	/	20.60	/	/	<=33	Pass
		Inner_Full	22.74	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Left	22.69	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	22.68	/	/	21.54	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	21.70	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	20.47	/	/	<=33	Pass
		Outer_Full	21.81	/	/	20.67	/	/	<=33	Pass
		Inner_Full	22.91	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	21.50	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	20.71	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	20.98	/	/	19.84	/	/	<=33	Pass
		Outer_Full	20.73	/	/	19.59	/	/	<=33	Pass
		Inner_Full	21.55	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Left	21.66	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Right	21.96	/	/	20.82	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.69	/	/	19.55	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	19.59	/	/	<=33	Pass
		Outer_Full	20.92	/	/	19.78	/	/	<=33	Pass
		Inner_Full	21.81	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Left	21.58	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Right	21.42	/	/	20.28	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.54	/	/	19.40	/	/	<=33	Pass
		Edge_1RB_Right	20.60	/	/	19.46	/	/	<=33	Pass
		Outer_Full	20.96	/	/	19.82	/	/	<=33	Pass
		Inner_Full	21.88	/	/	20.74	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	20.38	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	19.89	/	/	18.75	/	/	<=33	Pass
		Edge_1RB_Right	20.18	/	/	19.04	/	/	<=33	Pass
		Outer_Full	20.15	/	/	19.01	/	/	<=33	Pass
		Inner_Full	20.18	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Left	20.12	/	/	18.98	/	/	<=33	Pass
		Inner_1RB_Right	20.34	/	/	19.20	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.28	/	/	19.14	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	19.18	/	/	<=33	Pass
		Outer_Full	20.39	/	/	19.25	/	/	<=33	Pass
		Inner_Full	20.43	/	/	19.29	/	/	<=33	Pass
		Inner_1RB_Left	20.38	/	/	19.24	/	/	<=33	Pass
		Inner_1RB_Right	20.41	/	/	19.27	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.22	/	/	19.08	/	/	<=33	Pass
		Edge_1RB_Right	20.24	/	/	19.10	/	/	<=33	Pass

		Outer_Full	20.48	/	/	19.34	/	/	<=33	Pass
		Inner_Full	20.50	/	/	19.36	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	19.16	/	/	<=33	Pass
		Inner_1RB_Right	20.33	/	/	19.19	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge_1RB_Left	17.97	/	/	16.83	/	/	<=33	Pass
		Edge_1RB_Right	18.38	/	/	17.24	/	/	<=33	Pass
		Outer_Full	18.12	/	/	16.98	/	/	<=33	Pass
		Inner_Full	18.13	/	/	16.99	/	/	<=33	Pass
		Inner_1RB_Left	18.26	/	/	17.12	/	/	<=33	Pass
		Inner_1RB_Right	18.46	/	/	17.32	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.34	/	/	17.20	/	/	<=33	Pass
		Edge_1RB_Right	18.57	/	/	17.43	/	/	<=33	Pass
		Outer_Full	18.41	/	/	17.27	/	/	<=33	Pass
		Inner_Full	18.34	/	/	17.20	/	/	<=33	Pass
		Inner_1RB_Left	18.39	/	/	17.25	/	/	<=33	Pass
		Inner_1RB_Right	18.33	/	/	17.19	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.63	/	/	17.49	/	/	<=33	Pass
		Edge_1RB_Right	18.55	/	/	17.41	/	/	<=33	Pass
		Outer_Full	18.52	/	/	17.38	/	/	<=33	Pass
		Inner_Full	18.43	/	/	17.29	/	/	<=33	Pass
		Inner_1RB_Left	18.41	/	/	17.27	/	/	<=33	Pass
		Inner_1RB_Right	18.57	/	/	17.43	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	19.49	/	/	18.35	/	/	<=33	Pass
		Edge_1RB_Right	19.66	/	/	18.52	/	/	<=33	Pass
		Outer_Full	19.62	/	/	18.48	/	/	<=33	Pass
		Inner_Full	20.97	/	/	19.83	/	/	<=33	Pass
		Inner_1RB_Left	20.82	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	19.80	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.83	/	/	18.69	/	/	<=33	Pass
		Edge_1RB_Right	19.78	/	/	18.64	/	/	<=33	Pass
		Outer_Full	19.84	/	/	18.70	/	/	<=33	Pass
		Inner_Full	21.28	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	21.17	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	19.93	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.89	/	/	18.75	/	/	<=33	Pass
		Edge_1RB_Right	19.78	/	/	18.64	/	/	<=33	Pass
		Outer_Full	19.95	/	/	18.81	/	/	<=33	Pass
		Inner_Full	21.39	/	/	20.25	/	/	<=33	Pass
		Inner_1RB_Left	21.13	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Right	21.06	/	/	19.92	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Left	19.64	/	/	18.50	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	18.77	/	/	<=33	Pass
		Outer_Full	19.73	/	/	18.59	/	/	<=33	Pass
		Inner_Full	20.69	/	/	19.55	/	/	<=33	Pass
		Inner_1RB_Left	20.60	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Right	20.83	/	/	19.69	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.65	/	/	18.51	/	/	<=33	Pass
		Edge_1RB_Right	19.62	/	/	18.48	/	/	<=33	Pass
		Outer_Full	19.82	/	/	18.68	/	/	<=33	Pass
		Inner_Full	20.83	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Left	20.73	/	/	19.59	/	/	<=33	Pass
		Inner_1RB_Right	20.74	/	/	19.60	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.02	/	/	18.88	/	/	<=33	Pass
		Edge_1RB_Right	19.89	/	/	18.75	/	/	<=33	Pass
		Outer_Full	20.02	/	/	18.88	/	/	<=33	Pass
		Inner_Full	20.82	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Right	20.70	/	/	19.56	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	18.86	/	/	17.72	/	/	<=33	Pass

		Edge_1RB_Right	19.19	/	/	18.05	/	/	<=33	Pass
		Outer_Full	19.15	/	/	18.01	/	/	<=33	Pass
		Inner_Full	19.11	/	/	17.97	/	/	<=33	Pass
		Inner_1RB_Left	18.95	/	/	17.81	/	/	<=33	Pass
		Inner_1RB_Right	19.14	/	/	18.00	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.47	/	/	18.33	/	/	<=33	Pass
		Edge_1RB_Right	19.33	/	/	18.19	/	/	<=33	Pass
		Outer_Full	19.34	/	/	18.20	/	/	<=33	Pass
		Inner_Full	19.38	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Left	19.45	/	/	18.31	/	/	<=33	Pass
		Inner_1RB_Right	19.28	/	/	18.14	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.36	/	/	18.22	/	/	<=33	Pass
		Edge_1RB_Right	19.12	/	/	17.98	/	/	<=33	Pass
		Outer_Full	19.46	/	/	18.32	/	/	<=33	Pass
		Inner_Full	19.44	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Left	19.43	/	/	18.29	/	/	<=33	Pass
		Inner_1RB_Right	19.27	/	/	18.13	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	16.18	/	/	15.04	/	/	<=33	Pass
		Edge_1RB_Right	16.40	/	/	15.26	/	/	<=33	Pass
		Outer_Full	16.14	/	/	15.00	/	/	<=33	Pass
		Inner_Full	16.03	/	/	14.89	/	/	<=33	Pass
		Inner_1RB_Left	16.40	/	/	15.26	/	/	<=33	Pass
		Inner_1RB_Right	16.42	/	/	15.28	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.70	/	/	15.56	/	/	<=33	Pass
		Edge_1RB_Right	16.68	/	/	15.54	/	/	<=33	Pass
		Outer_Full	16.29	/	/	15.15	/	/	<=33	Pass
		Inner_Full	16.27	/	/	15.13	/	/	<=33	Pass
		Inner_1RB_Left	16.78	/	/	15.64	/	/	<=33	Pass
		Inner_1RB_Right	16.67	/	/	15.53	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	16.45	/	/	15.31	/	/	<=33	Pass
		Edge_1RB_Right	16.32	/	/	15.18	/	/	<=33	Pass
		Outer_Full	16.42	/	/	15.28	/	/	<=33	Pass
		Inner_Full	16.36	/	/	15.22	/	/	<=33	Pass
		Inner_1RB_Left	16.39	/	/	15.25	/	/	<=33	Pass
		Inner_1RB_Right	16.26	/	/	15.12	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.14dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_20MHz_NTNV_EIRP

5G NR n25 SCS=30kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	21.38	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	20.54	/	/	<=33	Pass
		Outer_Full	21.57	/	/	20.43	/	/	<=33	Pass
		Inner_Full	22.67	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	21.58	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.58	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	20.45	/	/	<=33	Pass
		Outer_Full	21.81	/	/	20.67	/	/	<=33	Pass
		Inner_Full	22.80	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	21.35	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	21.42	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.59	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	20.45	/	/	<=33	Pass
		Outer_Full	21.87	/	/	20.73	/	/	<=33	Pass

		Inner_Full	23.01	/	/	21.87	/	/	<=33	Pass
		Inner_1RB_Left	22.61	/	/	21.47	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	21.58	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	20.49	/	/	19.35	/	/	<=33	Pass
		Edge_1RB_Right	21.00	/	/	19.86	/	/	<=33	Pass
		Outer_Full	20.80	/	/	19.66	/	/	<=33	Pass
		Inner_Full	21.69	/	/	20.55	/	/	<=33	Pass
		Inner_1RB_Left	21.42	/	/	20.28	/	/	<=33	Pass
		Inner_1RB_Right	22.09	/	/	20.95	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.89	/	/	19.75	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	19.60	/	/	<=33	Pass
		Outer_Full	20.89	/	/	19.75	/	/	<=33	Pass
		Inner_Full	21.86	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	20.60	/	/	<=33	Pass
		Inner_1RB_Right	21.76	/	/	20.62	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.97	/	/	19.83	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	19.69	/	/	<=33	Pass
		Outer_Full	20.97	/	/	19.83	/	/	<=33	Pass
		Inner_Full	21.99	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Left	21.98	/	/	20.84	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	20.69	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	19.99	/	/	18.85	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	19.25	/	/	<=33	Pass
		Outer_Full	20.27	/	/	19.13	/	/	<=33	Pass
		Inner_Full	20.22	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Left	19.90	/	/	18.76	/	/	<=33	Pass
		Inner_1RB_Right	20.20	/	/	19.06	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.37	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	20.31	/	/	19.17	/	/	<=33	Pass
		Outer_Full	20.47	/	/	19.33	/	/	<=33	Pass
		Inner_Full	20.42	/	/	19.28	/	/	<=33	Pass
		Inner_1RB_Left	20.32	/	/	19.18	/	/	<=33	Pass
		Inner_1RB_Right	20.37	/	/	19.23	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.30	/	/	19.16	/	/	<=33	Pass
		Edge_1RB_Right	20.11	/	/	18.97	/	/	<=33	Pass
		Outer_Full	20.51	/	/	19.37	/	/	<=33	Pass
		Inner_Full	20.47	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Right	20.09	/	/	18.95	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	18.01	/	/	16.87	/	/	<=33	Pass
		Edge_1RB_Right	18.51	/	/	17.37	/	/	<=33	Pass
		Outer_Full	18.22	/	/	17.08	/	/	<=33	Pass
		Inner_Full	18.24	/	/	17.10	/	/	<=33	Pass
		Inner_1RB_Left	18.26	/	/	17.12	/	/	<=33	Pass
		Inner_1RB_Right	18.35	/	/	17.21	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.54	/	/	17.40	/	/	<=33	Pass
		Edge_1RB_Right	18.40	/	/	17.26	/	/	<=33	Pass
		Outer_Full	18.38	/	/	17.24	/	/	<=33	Pass
		Inner_Full	18.49	/	/	17.35	/	/	<=33	Pass
		Inner_1RB_Left	18.58	/	/	17.44	/	/	<=33	Pass
		Inner_1RB_Right	18.65	/	/	17.51	/	/	<=33	Pass
	1905	Edge_1RB_Left	18.30	/	/	17.16	/	/	<=33	Pass
		Edge_1RB_Right	18.26	/	/	17.12	/	/	<=33	Pass
		Outer_Full	18.39	/	/	17.25	/	/	<=33	Pass
		Inner_Full	18.51	/	/	17.37	/	/	<=33	Pass
		Inner_1RB_Left	18.34	/	/	17.20	/	/	<=33	Pass
		Inner_1RB_Right	18.42	/	/	17.28	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	19.54	/	/	18.40	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	18.60	/	/	<=33	Pass

		Outer_Full	19.76	/	/	18.62	/	/	<=33	Pass
		Inner_Full	21.07	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Left	20.85	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Right	21.20	/	/	20.06	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.78	/	/	18.64	/	/	<=33	Pass
		Edge_1RB_Right	19.72	/	/	18.58	/	/	<=33	Pass
		Outer_Full	19.83	/	/	18.69	/	/	<=33	Pass
		Inner_Full	21.27	/	/	20.13	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	19.83	/	/	<=33	Pass
		Inner_1RB_Right	21.03	/	/	19.89	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.77	/	/	18.63	/	/	<=33	Pass
		Edge_1RB_Right	19.67	/	/	18.53	/	/	<=33	Pass
		Outer_Full	19.87	/	/	18.73	/	/	<=33	Pass
		Inner_Full	21.39	/	/	20.25	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Right	21.03	/	/	19.89	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	19.63	/	/	18.49	/	/	<=33	Pass
		Edge_1RB_Right	19.89	/	/	18.75	/	/	<=33	Pass
		Outer_Full	19.80	/	/	18.66	/	/	<=33	Pass
		Inner_Full	20.79	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Left	20.57	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Right	20.87	/	/	19.73	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.91	/	/	18.77	/	/	<=33	Pass
		Edge_1RB_Right	19.95	/	/	18.81	/	/	<=33	Pass
		Outer_Full	19.89	/	/	18.75	/	/	<=33	Pass
		Inner_Full	20.91	/	/	19.77	/	/	<=33	Pass
		Inner_1RB_Left	20.79	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Right	20.84	/	/	19.70	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.94	/	/	18.80	/	/	<=33	Pass
		Edge_1RB_Right	19.82	/	/	18.68	/	/	<=33	Pass
		Outer_Full	20.02	/	/	18.88	/	/	<=33	Pass
		Inner_Full	20.87	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	20.91	/	/	19.77	/	/	<=33	Pass
		Inner_1RB_Right	20.69	/	/	19.55	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	19.13	/	/	17.99	/	/	<=33	Pass
		Edge_1RB_Right	19.45	/	/	18.31	/	/	<=33	Pass
		Outer_Full	19.28	/	/	18.14	/	/	<=33	Pass
		Inner_Full	19.12	/	/	17.98	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	17.99	/	/	<=33	Pass
		Inner_1RB_Right	19.30	/	/	18.16	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.29	/	/	18.15	/	/	<=33	Pass
		Edge_1RB_Right	19.34	/	/	18.20	/	/	<=33	Pass
		Outer_Full	19.41	/	/	18.27	/	/	<=33	Pass
		Inner_Full	19.34	/	/	18.20	/	/	<=33	Pass
		Inner_1RB_Left	19.42	/	/	18.28	/	/	<=33	Pass
		Inner_1RB_Right	19.41	/	/	18.27	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.15	/	/	18.01	/	/	<=33	Pass
		Edge_1RB_Right	19.39	/	/	18.25	/	/	<=33	Pass
		Outer_Full	19.42	/	/	18.28	/	/	<=33	Pass
		Inner_Full	19.44	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Left	19.43	/	/	18.29	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	18.11	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge_1RB_Left	16.34	/	/	15.20	/	/	<=33	Pass
		Edge_1RB_Right	16.35	/	/	15.21	/	/	<=33	Pass
		Outer_Full	16.22	/	/	15.08	/	/	<=33	Pass
		Inner_Full	16.21	/	/	15.07	/	/	<=33	Pass
		Inner_1RB_Left	16.21	/	/	15.07	/	/	<=33	Pass
		Inner_1RB_Right	16.27	/	/	15.13	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.29	/	/	15.15	/	/	<=33	Pass

		Edge_1RB_Right	16.22	/	/	15.08	/	/	<=33	Pass
		Outer_Full	16.31	/	/	15.17	/	/	<=33	Pass
		Inner_Full	16.41	/	/	15.27	/	/	<=33	Pass
		Inner_1RB_Left	16.27	/	/	15.13	/	/	<=33	Pass
		Inner_1RB_Right	16.23	/	/	15.09	/	/	<=33	Pass
	1905	Edge_1RB_Left	16.66	/	/	15.52	/	/	<=33	Pass
		Edge_1RB_Right	16.23	/	/	15.09	/	/	<=33	Pass
		Outer_Full	16.33	/	/	15.19	/	/	<=33	Pass
		Inner_Full	16.50	/	/	15.36	/	/	<=33	Pass
		Inner_1RB_Left	16.27	/	/	15.13	/	/	<=33	Pass
		Inner_1RB_Right	16.25	/	/	15.11	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.14dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n25 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-7.90	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-5.80	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-5.50	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-4.50	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-7.80	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-7.10	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-8.50	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	1.40	0.0007	>=-2.5 & <=2.5	Pass
				HV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	2.20	0.0012	>=-2.5 & <=2.5	Pass
				HV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
				HV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n25 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	-7.70	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-7.10	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-6.50	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-5.40	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-5.30	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
				HV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass

				HV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	1.10	0.0006	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_15MHz

5G NR n25 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-5.30	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-4.80	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-6.50	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-6.10	-0.0032	>=-2.5 & <=2.5	Pass

			30	NV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	2.10	0.0011	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-6.20	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	0.60	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-4.70	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0041	>=-2.5 & <=2.5	Pass
			50	NV	-8.40	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass

				HV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-5.60	-0.0030	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_20MHz

5G NR n25 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	0.60	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
				HV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-7.70	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-5.70	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0038	>=-2.5 & <=2.5	Pass

			30	NV	-5.70	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-5.50	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-7.20	-0.0038	>=-2.5 & <=2.5	Pass

2.1.5 30k_SISO_10MHz

5G NR n25 SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	-7.20	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	5.50	0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass

			-10	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	5.40	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	4.40	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	4.70	0.0025	>=-2.5 & <=2.5	Pass
			50	NV	3.70	0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
				HV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	3.70	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	3.90	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	3.00	0.0016	>=-2.5 & <=2.5	Pass
				HV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	3.70	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	4.00	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	3.00	0.0016	>=-2.5 & <=2.5	Pass
				HV	6.10	0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	4.20	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	5.20	0.0028	>=-2.5 & <=2.5	Pass
			10	NV	4.50	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	4.60	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	3.90	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	3.70	0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	2.30	0.0012	>=-2.5 & <=2.5	Pass
				HV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-5.30	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
				HV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass

			30	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
				HV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	4.60	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	4.30	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	4.00	0.0021	>=-2.5 & <=2.5	Pass
				HV	4.70	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	4.70	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	5.70	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	0.50	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass

2.1.6 30k_SISO_15MHz

5G NR n25 SCS=30kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	3.60	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	8.60	0.0046	>=-2.5 & <=2.5	Pass
			40	NV	7.70	0.0041	>=-2.5 & <=2.5	Pass
			50	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	8.30	0.0044	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	5.00	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	5.90	0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	7.20	0.0038	>=-2.5 & <=2.5	Pass
			0	NV	5.90	0.0031	>=-2.5 & <=2.5	Pass
			10	NV	6.30	0.0033	>=-2.5 & <=2.5	Pass
			20	NV	7.70	0.0041	>=-2.5 & <=2.5	Pass
			30	NV	6.40	0.0034	>=-2.5 & <=2.5	Pass
			40	NV	6.70	0.0036	>=-2.5 & <=2.5	Pass
			50	NV	7.10	0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	4.20	0.0022	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	4.80	0.0025	>=-2.5 & <=2.5	Pass

			-10	NV	5.10	0.0027	>=-2.5 & <=2.5	Pass
			0	NV	3.50	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	4.20	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	4.50	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	5.60	0.0030	>=-2.5 & <=2.5	Pass
			50	NV	5.50	0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	6.10	0.0032	>=-2.5 & <=2.5	Pass
				HV	3.70	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	5.00	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	5.70	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	3.50	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	4.20	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0029	>=-2.5 & <=2.5	Pass
			50	NV	7.00	0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
			-30	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	2.00	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	2.40	0.0013	>=-2.5 & <=2.5	Pass
				HV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	4.00	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	0.50	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	2.60	0.0014	>=-2.5 & <=2.5	Pass
				HV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	3.60	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	2.60	0.0014	>=-2.5 & <=2.5	Pass
				HV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	3.50	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass

			30	NV	3.80	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	4.00	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass

2.1.7 30k_SISO_20MHz

5G NR n25 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	0.90	0.0005	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	3.80	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	4.00	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	4.00	0.0021	>=-2.5 & <=2.5	Pass
				HV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	0.50	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
				HV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	3.60	0.0019	>=-2.5 & <=2.5	Pass
				HV	4.40	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	4.20	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	5.70	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	5.50	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	6.50	0.0035	>=-2.5 & <=2.5	Pass
			30	NV	5.30	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0029	>=-2.5 & <=2.5	Pass
			50	NV	4.20	0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass

			-10	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	20	LV	4.50	0.0024	>=-2.5 & <=2.5	Pass
				HV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	4.20	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	3.40	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	7.10	0.0038	>=-2.5 & <=2.5	Pass
			30	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			50	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	20	LV	3.40	0.0018	>=-2.5 & <=2.5	Pass
				HV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	4.10	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	4.70	0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	1.40	0.0007	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	4.70	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	3.10	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_20MHz_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1882.5	Outer_Full	Refer To Test Graph				Pass

CP-OFDM 16 QAM	1882.5	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	Refer To Test Graph	Pass

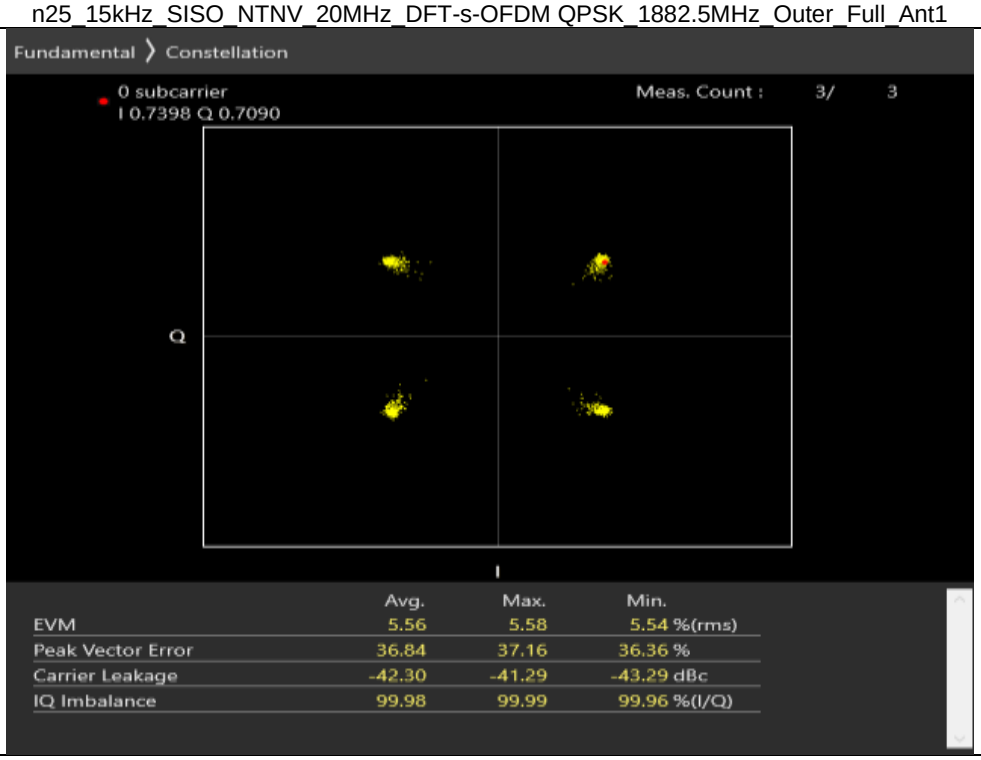
3.1.2 30k_SISO_20MHz_NTNV

5G NR n25 SCS=30kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1882.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	Refer To Test Graph				Pass

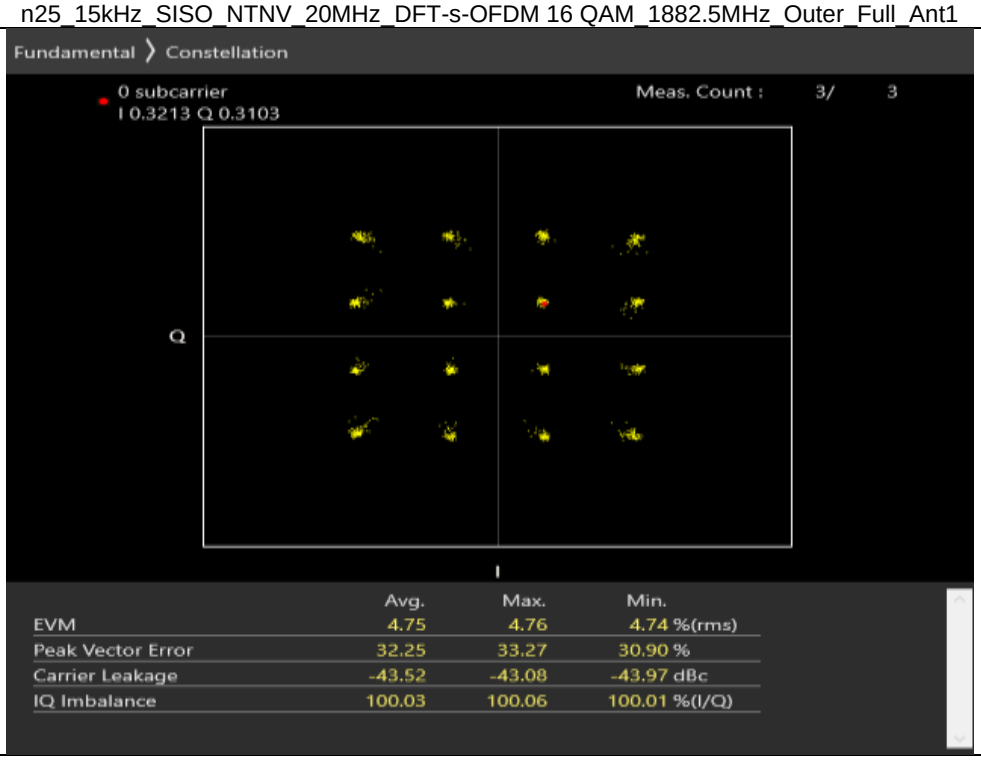
3.2 Test Graph

3.2.1 15k_SISO_20MHz_NTNV

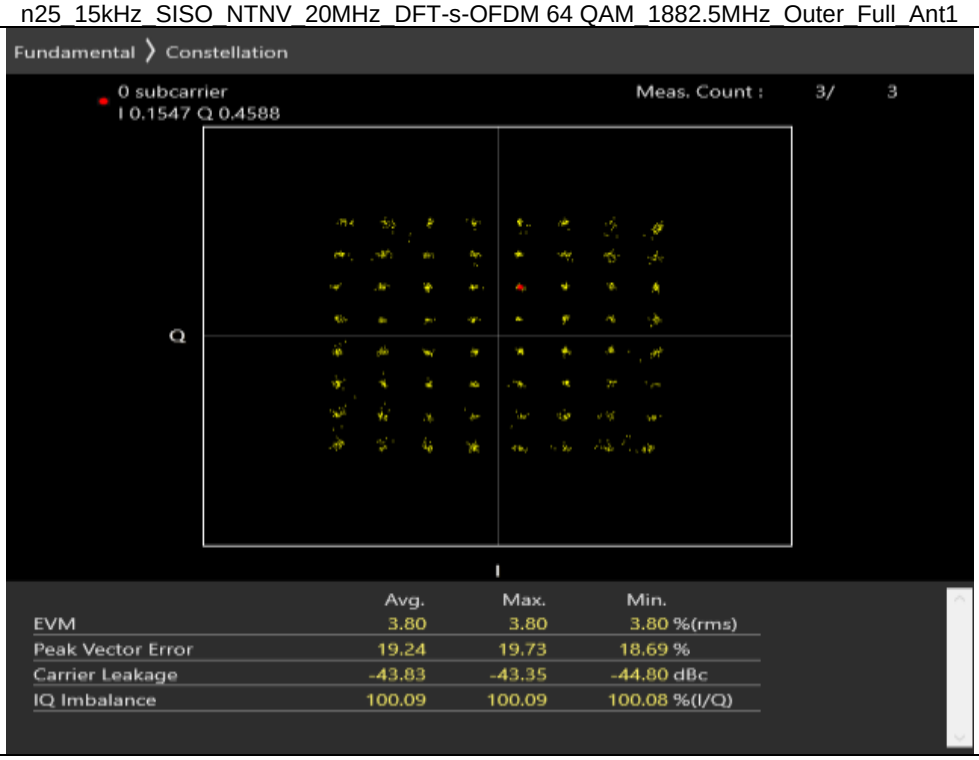
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



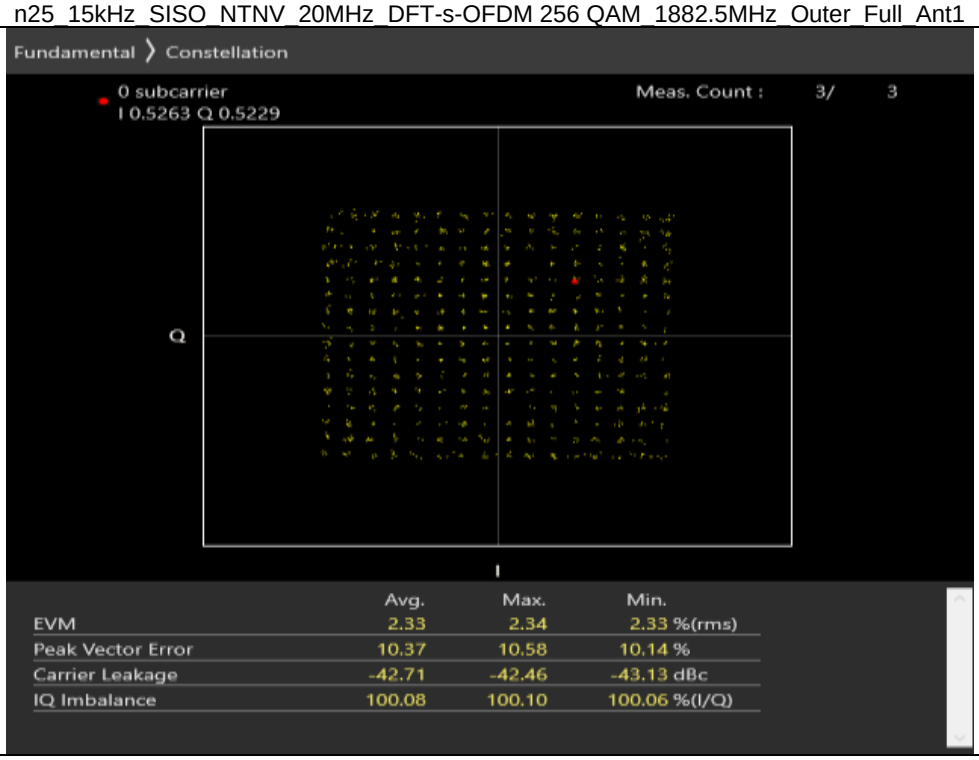
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



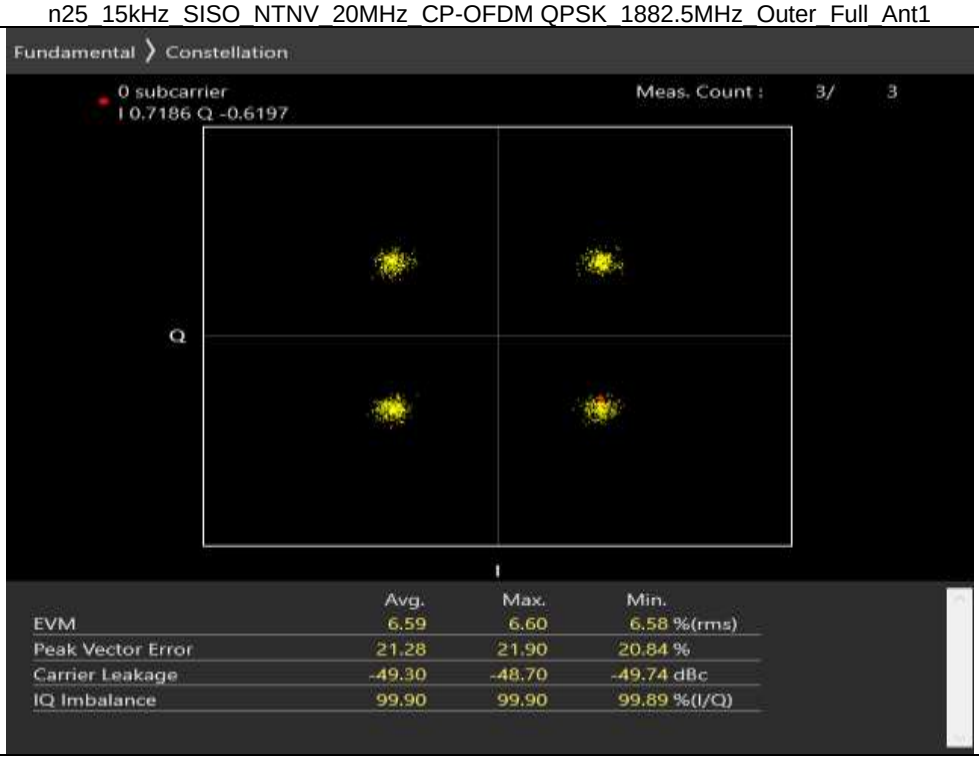
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



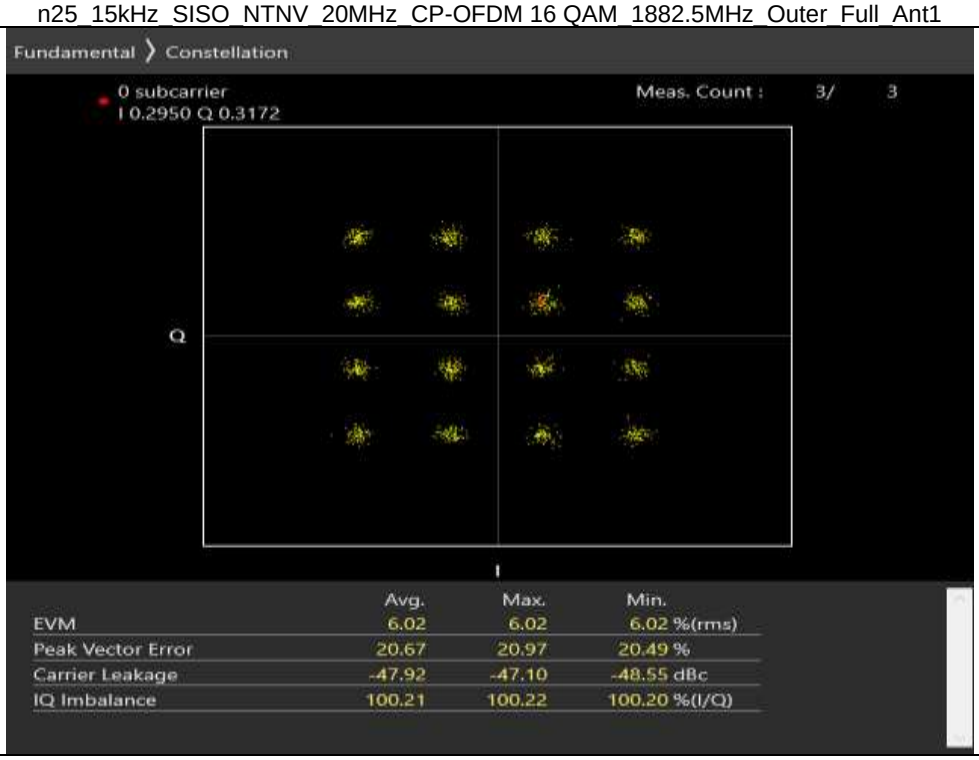
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



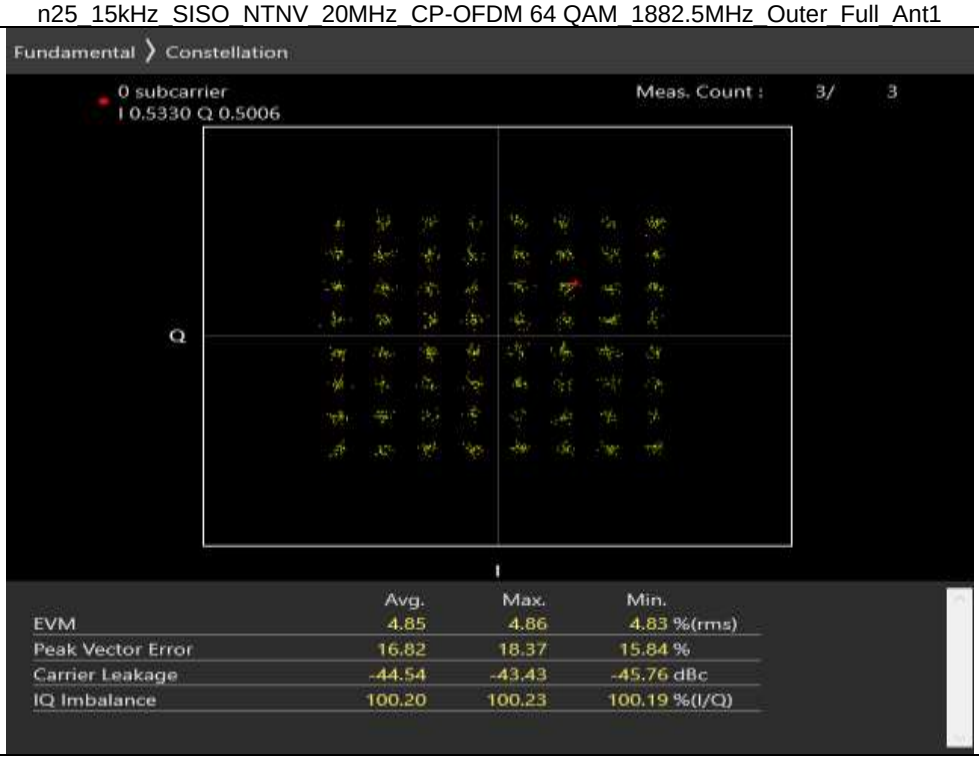
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



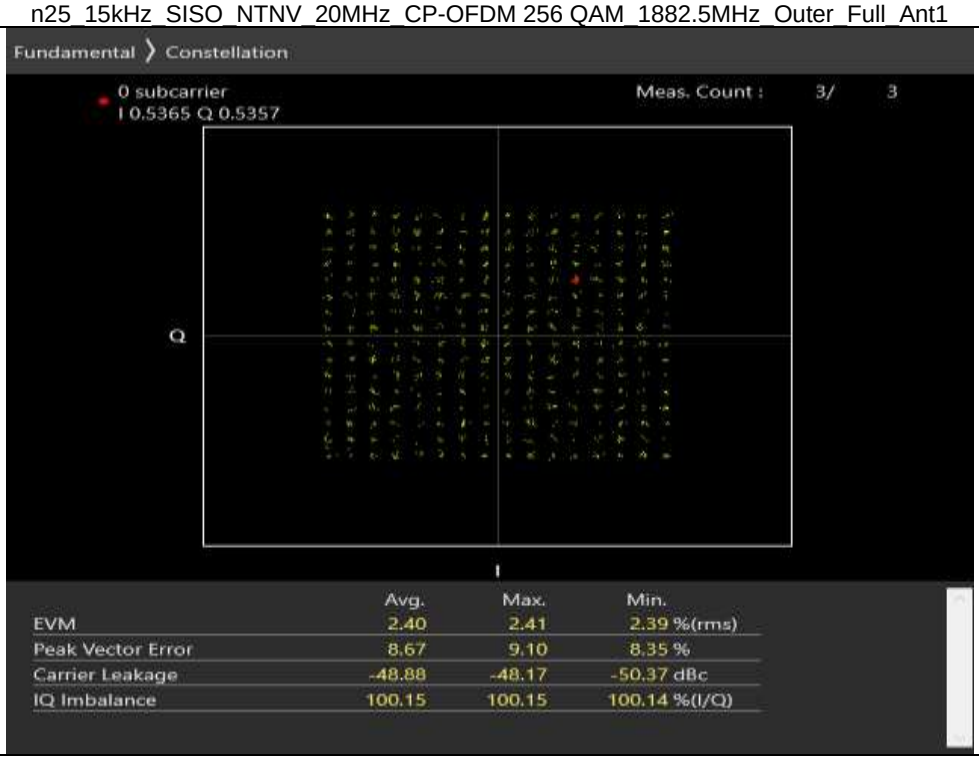
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1

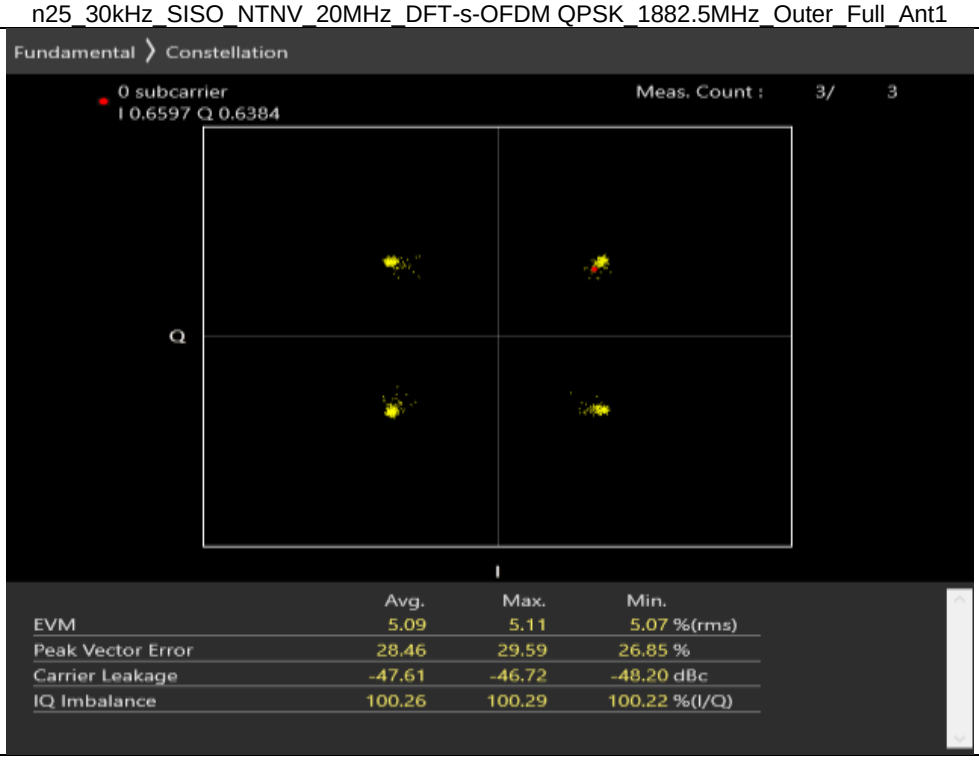


n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

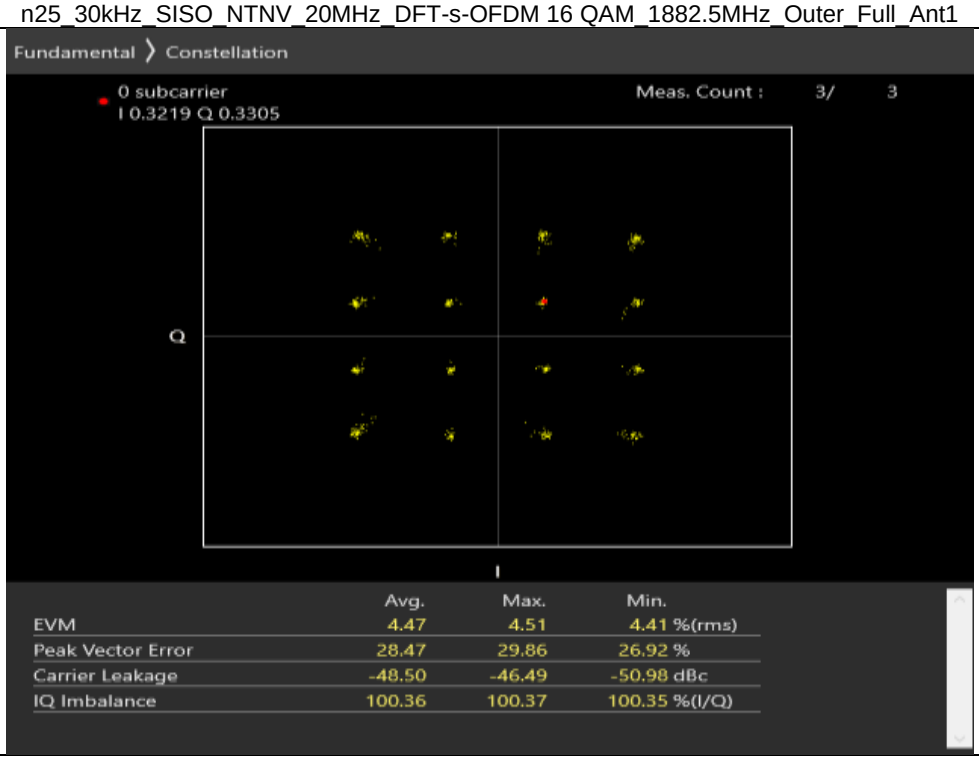


3.2.2 30k_SISO_20MHz_NTNV

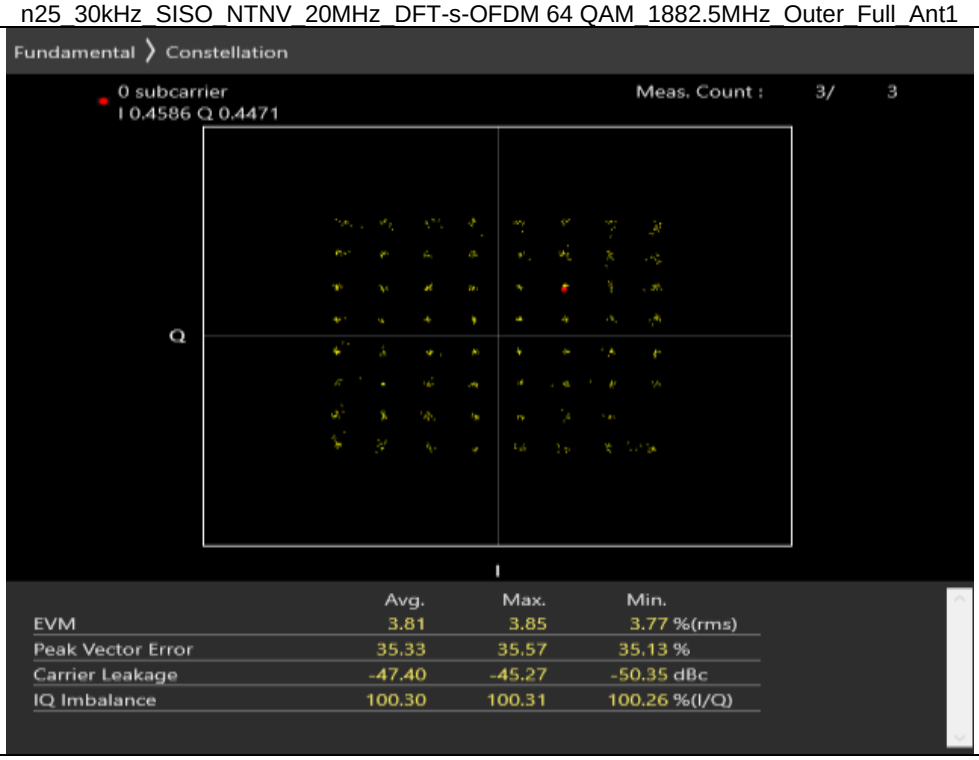
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



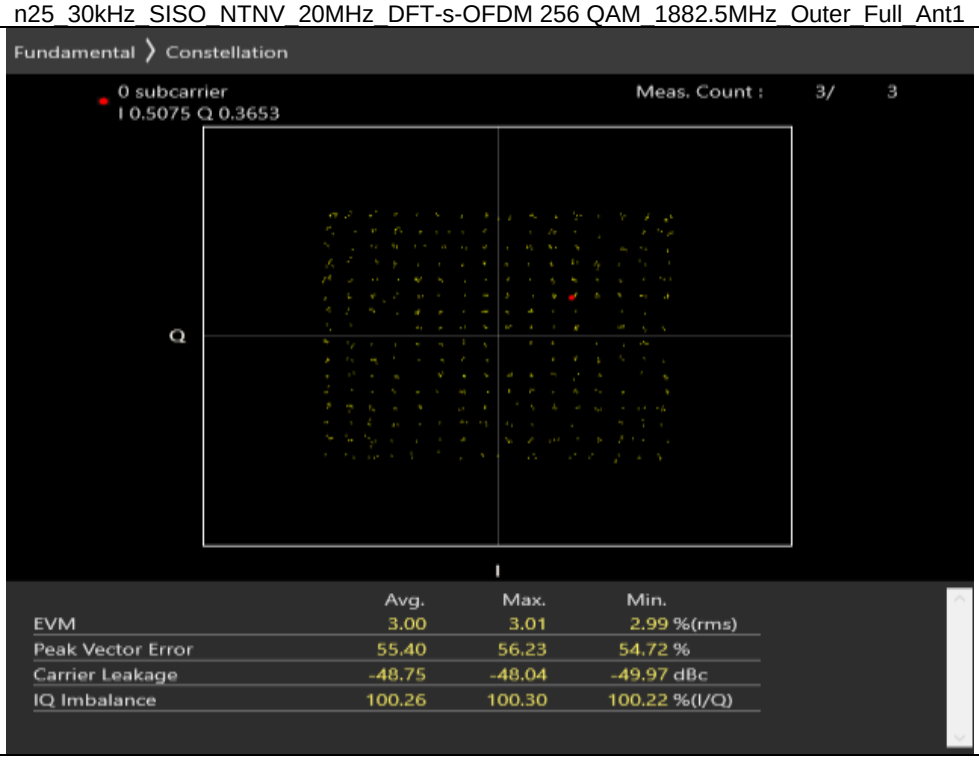
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



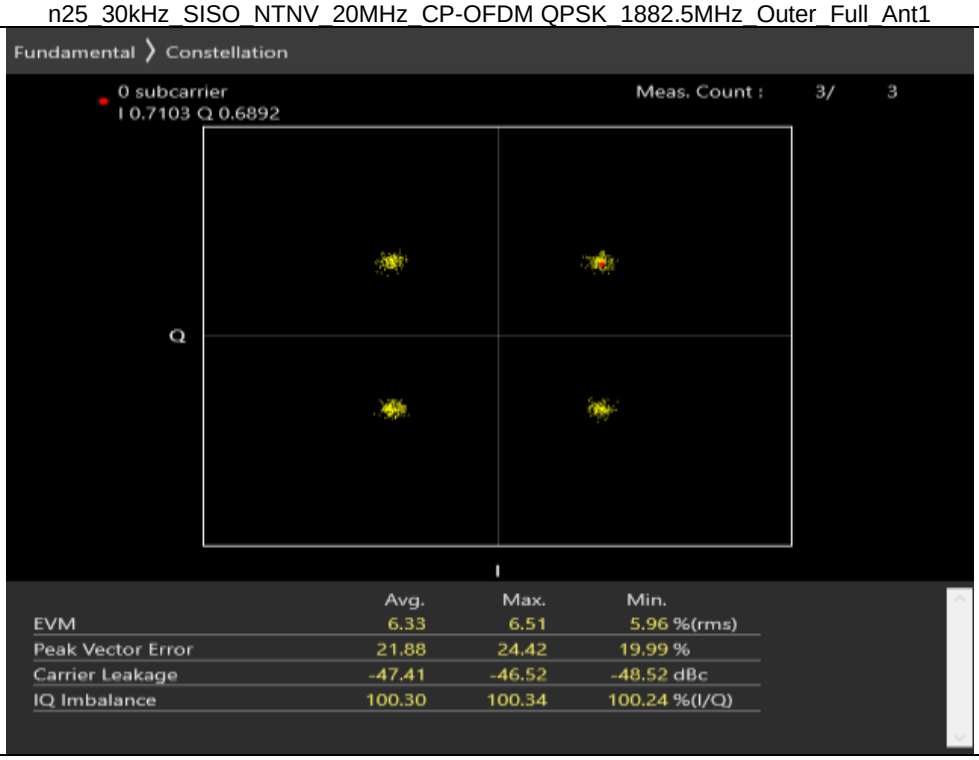
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



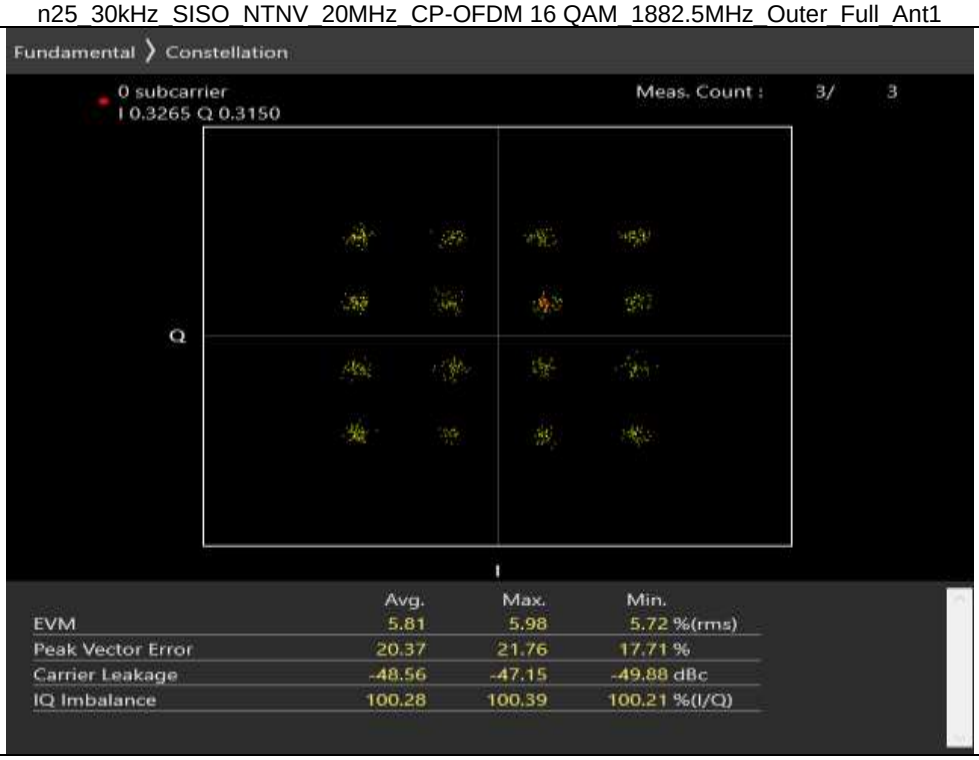
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



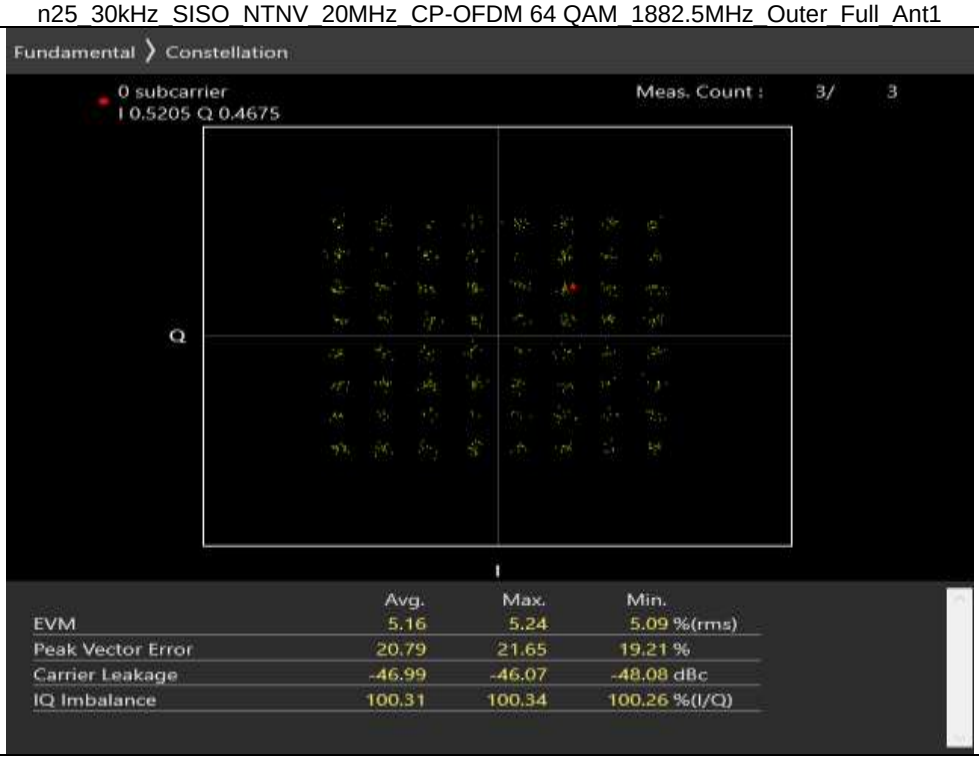
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



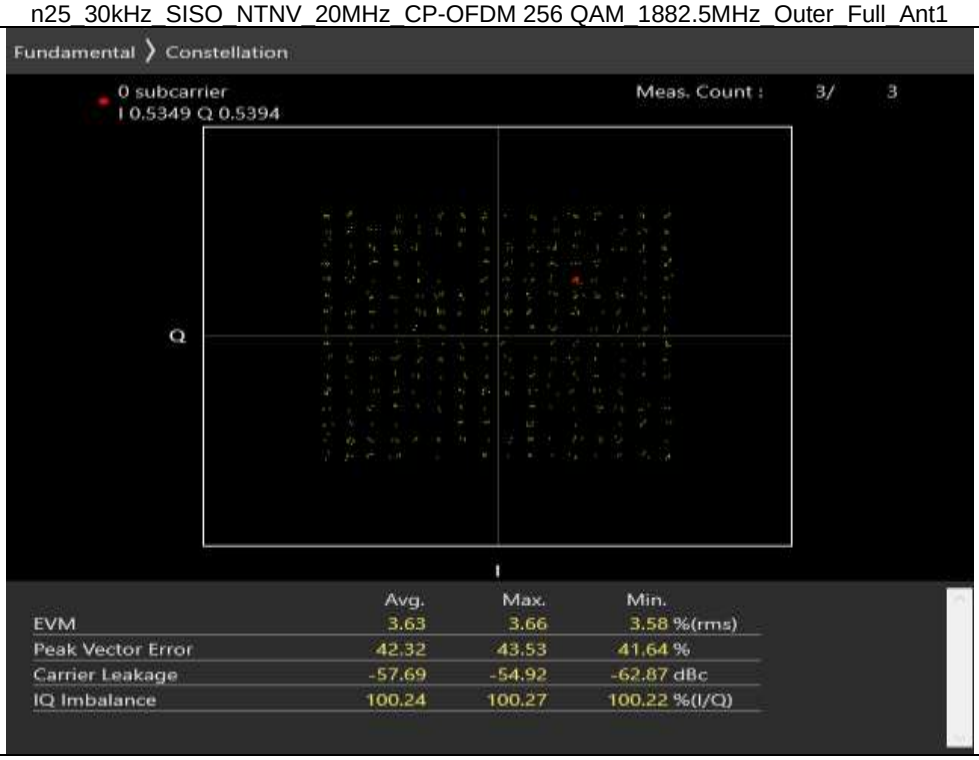
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1852.5	Outer_Full	4.54	5.04	/	Pass
	1882.5	Outer_Full	4.52	5.07	/	Pass
	1912.5	Outer_Full	4.52	5.01	/	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	4.51	5.00	/	Pass
	1882.5	Outer_Full	4.53	5.03	/	Pass
	1912.5	Outer_Full	4.53	5.02	/	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	4.54	5.01	/	Pass
	1882.5	Outer_Full	4.55	5.01	/	Pass
	1912.5	Outer_Full	4.53	5.00	/	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	4.53	5.45	/	Pass
	1882.5	Outer_Full	4.53	5.00	/	Pass
	1912.5	Outer_Full	4.53	5.06	/	Pass
CP-OFDM QPSK	1852.5	Outer_Full	4.54	5.36	/	Pass
	1882.5	Outer_Full	4.54	5.07	/	Pass
	1912.5	Outer_Full	4.58	7.73	/	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	4.51	5.02	/	Pass
	1882.5	Outer_Full	4.55	5.05	/	Pass
	1912.5	Outer_Full	4.57	6.94	/	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	4.54	5.02	/	Pass
	1882.5	Outer_Full	4.51	4.99	/	Pass
	1912.5	Outer_Full	4.54	6.16	/	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	4.54	5.04	/	Pass
	1882.5	Outer_Full	4.53	4.99	/	Pass
	1912.5	Outer_Full	4.53	5.02	/	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n25 SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1855	Outer_Full	9.07	9.95	/	Pass
	1882.5	Outer_Full	9.06	9.98	/	Pass
	1910	Outer_Full	9.08	9.98	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	9.03	9.97	/	Pass
	1882.5	Outer_Full	9.03	9.91	/	Pass
	1910	Outer_Full	9.05	9.83	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	9.04	9.92	/	Pass
	1882.5	Outer_Full	9.04	9.91	/	Pass
	1910	Outer_Full	9.06	9.89	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	9.06	9.89	/	Pass
	1882.5	Outer_Full	9.06	9.93	/	Pass
	1910	Outer_Full	9.09	9.92	/	Pass
CP-OFDM QPSK	1855	Outer_Full	9.42	10.19	/	Pass
	1882.5	Outer_Full	9.42	10.26	/	Pass
	1910	Outer_Full	9.48	12.99	/	Pass

CP-OFDM 16 QAM	1855	Outer_Full	9.43	11.65	/	Pass
	1882.5	Outer_Full	9.42	10.22	/	Pass
	1910	Outer_Full	9.46	12.42	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	9.39	10.20	/	Pass
	1882.5	Outer_Full	9.36	10.19	/	Pass
	1910	Outer_Full	9.42	10.36	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	9.38	10.22	/	Pass
	1882.5	Outer_Full	9.36	10.14	/	Pass
	1910	Outer_Full	9.42	10.27	/	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n25 SCS=15kHz SISO 15MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.58	14.73	/	Pass
	1882.5	Outer_Full	13.57	14.69	/	Pass
	1907.5	Outer_Full	13.69	23.81	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.62	14.71	/	Pass
	1882.5	Outer_Full	13.59	14.65	/	Pass
	1907.5	Outer_Full	13.67	14.74	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.66	14.74	/	Pass
	1882.5	Outer_Full	13.66	14.73	/	Pass
	1907.5	Outer_Full	13.72	15.77	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.62	14.78	/	Pass
	1882.5	Outer_Full	13.64	14.67	/	Pass
	1907.5	Outer_Full	13.67	14.72	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	14.39	20.71	/	Pass
	1882.5	Outer_Full	14.36	17.61	/	Pass
	1907.5	Outer_Full	14.48	24.56	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	14.39	17.89	/	Pass
	1882.5	Outer_Full	14.31	17.63	/	Pass
	1907.5	Outer_Full	14.45	24.26	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	14.38	18.85	/	Pass
	1882.5	Outer_Full	14.34	17.27	/	Pass
	1907.5	Outer_Full	14.44	24.68	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	14.32	15.39	/	Pass
	1882.5	Outer_Full	14.25	15.33	/	Pass
	1907.5	Outer_Full	14.34	15.34	/	Pass

4.1.4 15k_SISO_20MHz_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1860	Outer_Full	18.20	19.88	/	Pass
	1882.5	Outer_Full	18.13	19.87	/	Pass
	1905	Outer_Full	18.19	20.95	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.20	21.62	/	Pass
	1882.5	Outer_Full	18.17	19.71	/	Pass
	1905	Outer_Full	18.20	22.10	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.16	19.74	/	Pass
	1882.5	Outer_Full	18.12	19.63	/	Pass
	1905	Outer_Full	18.17	21.38	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.08	19.67	/	Pass
	1882.5	Outer_Full	18.01	19.71	/	Pass

	1905	Outer_Full	18.07	19.61	/	Pass
CP-OFDM QPSK	1860	Outer_Full	19.33	28.56	/	Pass
	1882.5	Outer_Full	19.21	28.77	/	Pass
	1905	Outer_Full	19.33	32.12	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	19.34	29.47	/	Pass
	1882.5	Outer_Full	19.25	30.53	/	Pass
	1905	Outer_Full	19.49	33.81	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	19.25	26.72	/	Pass
	1882.5	Outer_Full	19.19	23.30	/	Pass
	1905	Outer_Full	19.27	30.01	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	19.16	20.62	/	Pass
	1882.5	Outer_Full	19.12	20.68	/	Pass
	1905	Outer_Full	19.14	20.55	/	Pass

4.1.5 30k_SISO_10MHz_NTNV

5G NR n25 SCS=30kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1855	Outer_Full	8.83	10.06	/	Pass
	1882.5	Outer_Full	8.67	9.77	/	Pass
	1910	Outer_Full	8.67	9.77	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	8.74	9.77	/	Pass
	1882.5	Outer_Full	8.73	9.77	/	Pass
	1910	Outer_Full	8.75	9.83	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	8.73	9.71	/	Pass
	1882.5	Outer_Full	8.73	9.77	/	Pass
	1910	Outer_Full	8.75	9.84	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	8.73	9.88	/	Pass
	1882.5	Outer_Full	8.75	9.93	/	Pass
	1910	Outer_Full	8.77	9.92	/	Pass
CP-OFDM QPSK	1855	Outer_Full	8.71	11.14	/	Pass
	1882.5	Outer_Full	8.71	9.78	/	Pass
	1910	Outer_Full	8.73	9.92	/	Pass
CP-OFDM 16 QAM	1855	Outer_Full	8.75	9.85	/	Pass
	1882.5	Outer_Full	8.76	9.78	/	Pass
	1910	Outer_Full	8.78	11.82	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	8.73	10.04	/	Pass
	1882.5	Outer_Full	8.71	9.81	/	Pass
	1910	Outer_Full	8.76	11.45	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	8.73	9.82	/	Pass
	1882.5	Outer_Full	8.72	9.72	/	Pass
	1910	Outer_Full	8.71	9.74	/	Pass

4.1.6 30k_SISO_15MHz_NTNV

5G NR n25 SCS=30kHz SISO 15MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.06	14.56	/	Pass
	1882.5	Outer_Full	13.06	14.56	/	Pass
	1907.5	Outer_Full	13.07	14.62	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.11	14.59	/	Pass
	1882.5	Outer_Full	13.07	14.68	/	Pass
	1907.5	Outer_Full	13.11	14.64	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.09	14.65	/	Pass

	1882.5	Outer_Full	13.08	14.58	/	Pass
	1907.5	Outer_Full	13.12	14.59	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.09	14.71	/	Pass
	1882.5	Outer_Full	13.07	14.63	/	Pass
	1907.5	Outer_Full	13.10	14.61	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	13.79	16.43	/	Pass
	1882.5	Outer_Full	13.77	16.16	/	Pass
	1907.5	Outer_Full	13.81	18.01	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	13.77	15.38	/	Pass
	1882.5	Outer_Full	13.76	15.43	/	Pass
	1907.5	Outer_Full	13.82	16.30	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	13.78	15.23	/	Pass
	1882.5	Outer_Full	13.75	15.21	/	Pass
	1907.5	Outer_Full	13.78	15.29	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	13.77	15.21	/	Pass
	1882.5	Outer_Full	13.77	15.20	/	Pass
	1907.5	Outer_Full	13.81	15.21	/	Pass

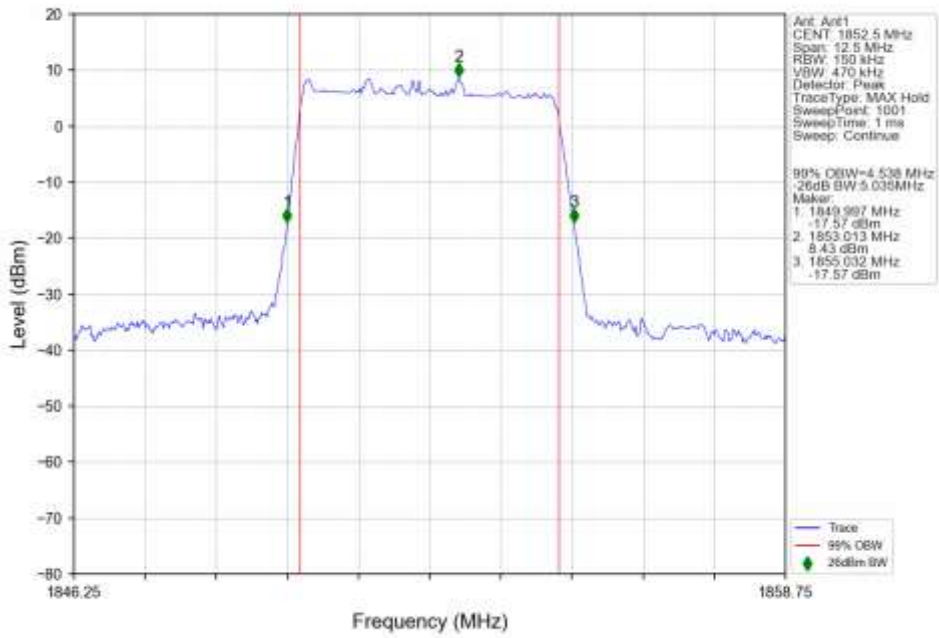
4.1.7 30k_SISO_20MHz_NTNV

5G NR n25 SCS=30kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1860	Outer_Full	18.10	19.88	/	Pass
	1882.5	Outer_Full	18.11	19.87	/	Pass
	1905	Outer_Full	18.07	19.84	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.11	19.84	/	Pass
	1882.5	Outer_Full	18.13	20.02	/	Pass
	1905	Outer_Full	18.07	19.79	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.10	19.93	/	Pass
	1882.5	Outer_Full	18.09	19.83	/	Pass
	1905	Outer_Full	18.06	19.78	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.05	19.89	/	Pass
	1882.5	Outer_Full	18.03	19.84	/	Pass
	1905	Outer_Full	18.02	19.82	/	Pass
CP-OFDM QPSK	1860	Outer_Full	18.50	22.04	/	Pass
	1882.5	Outer_Full	18.45	20.11	/	Pass
	1905	Outer_Full	18.52	20.28	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	18.45	20.90	/	Pass
	1882.5	Outer_Full	18.40	20.25	/	Pass
	1905	Outer_Full	18.41	20.87	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	18.42	20.17	/	Pass
	1882.5	Outer_Full	18.41	20.27	/	Pass
	1905	Outer_Full	18.42	20.29	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	18.41	20.18	/	Pass
	1882.5	Outer_Full	18.37	20.14	/	Pass
	1905	Outer_Full	18.36	20.25	/	Pass

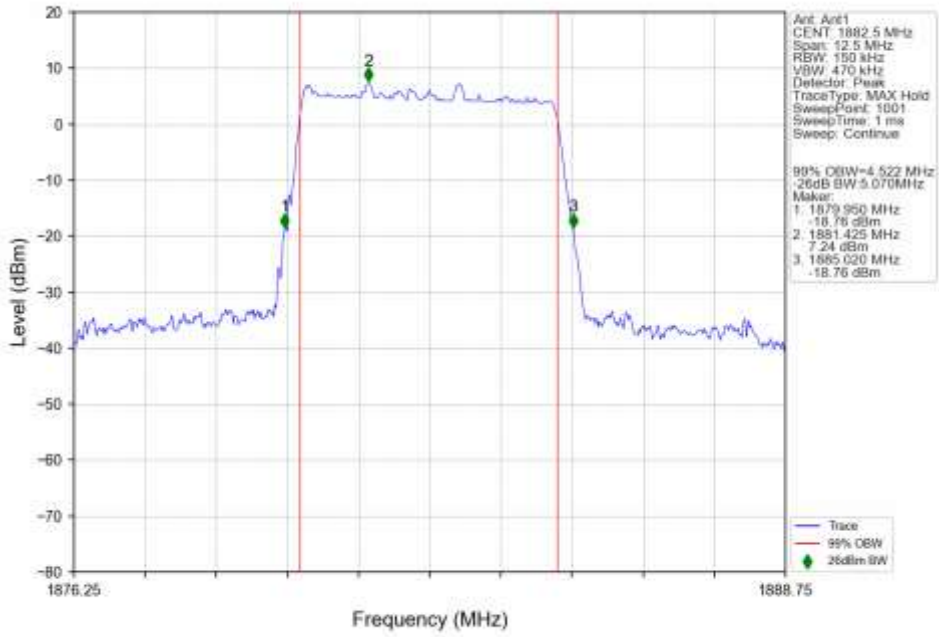
4.2 Test Graph

4.2.1 15k_SISO_5MHz_NTNV

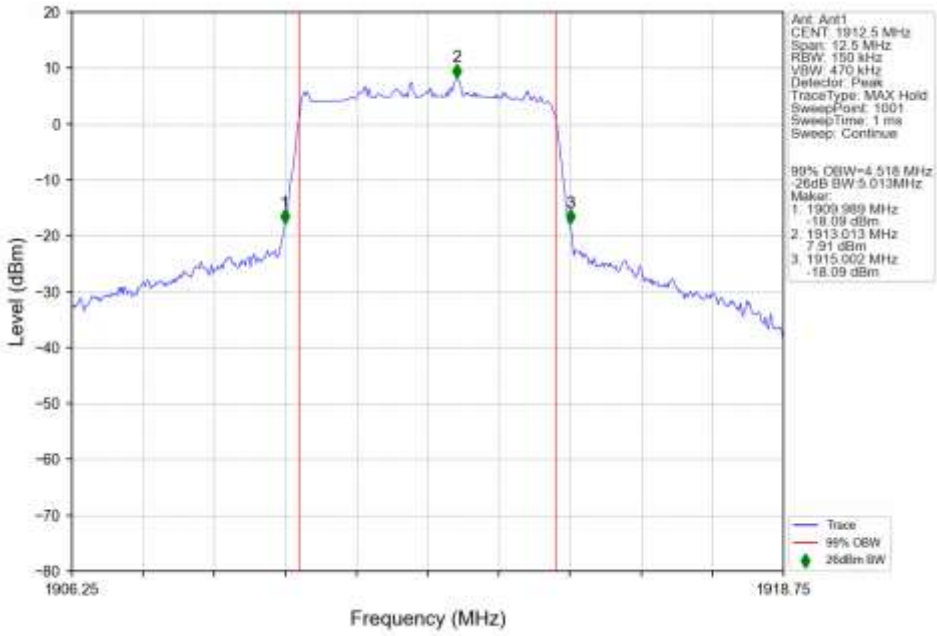
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full_Ant1



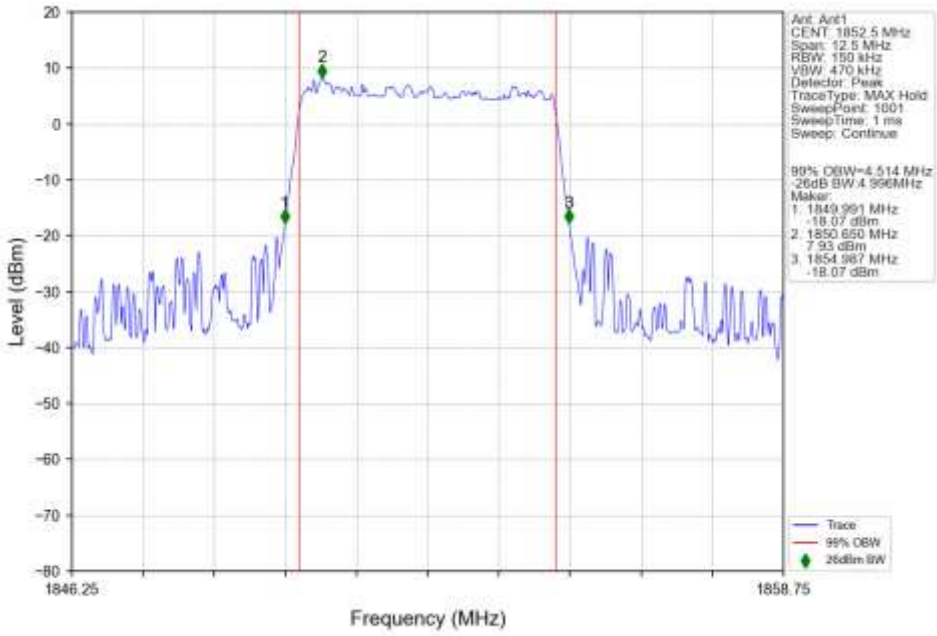
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



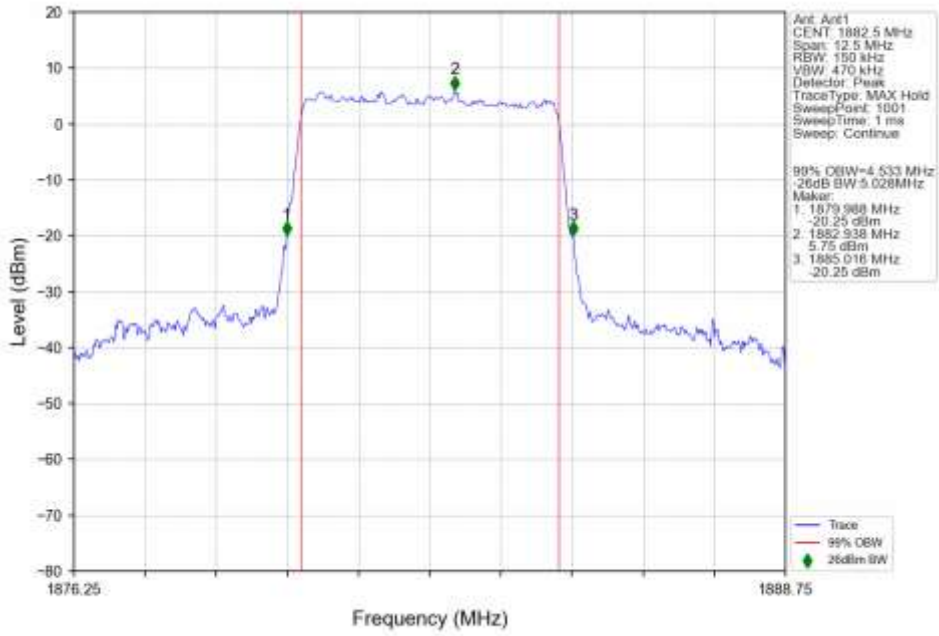
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Outer_Full_Ant1



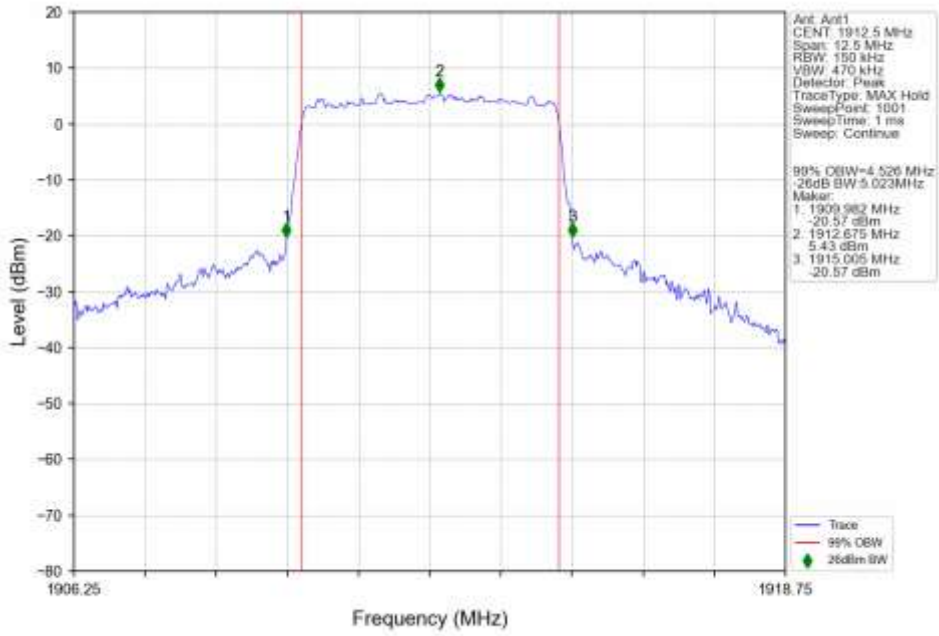
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1852.5MHz_Outer_Full_Ant1



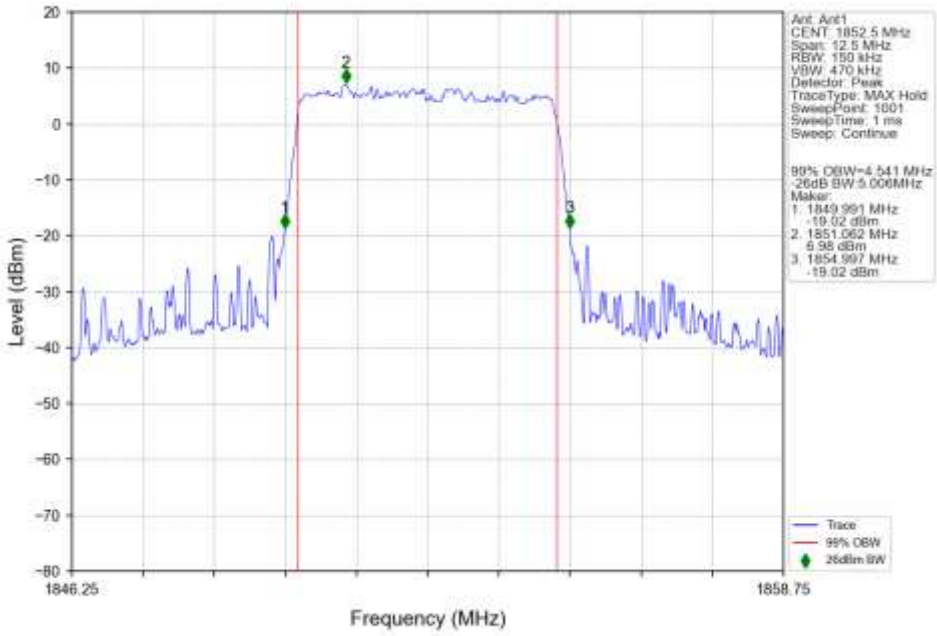
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



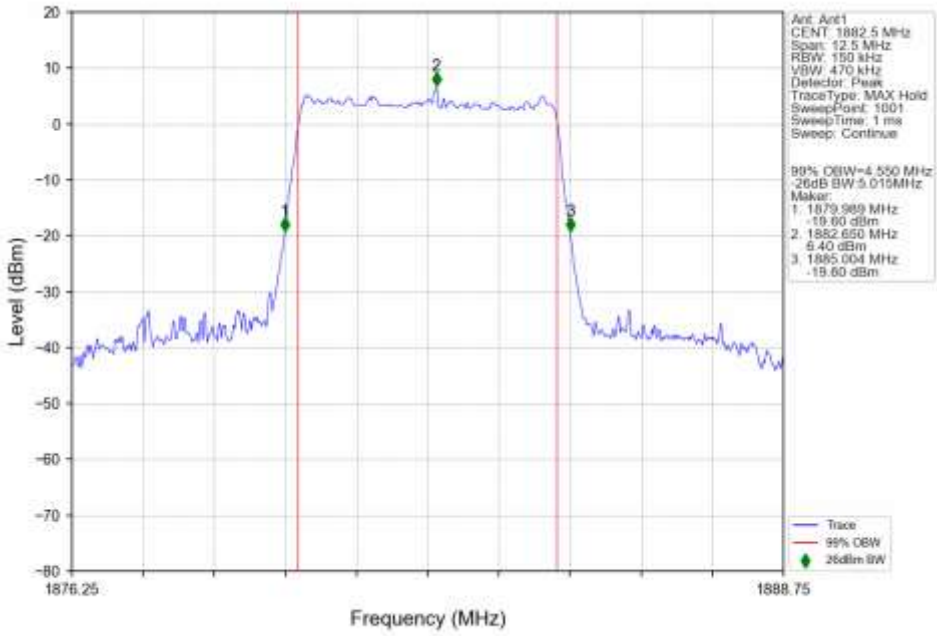
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1912.5MHz_Outer_Full_Ant1



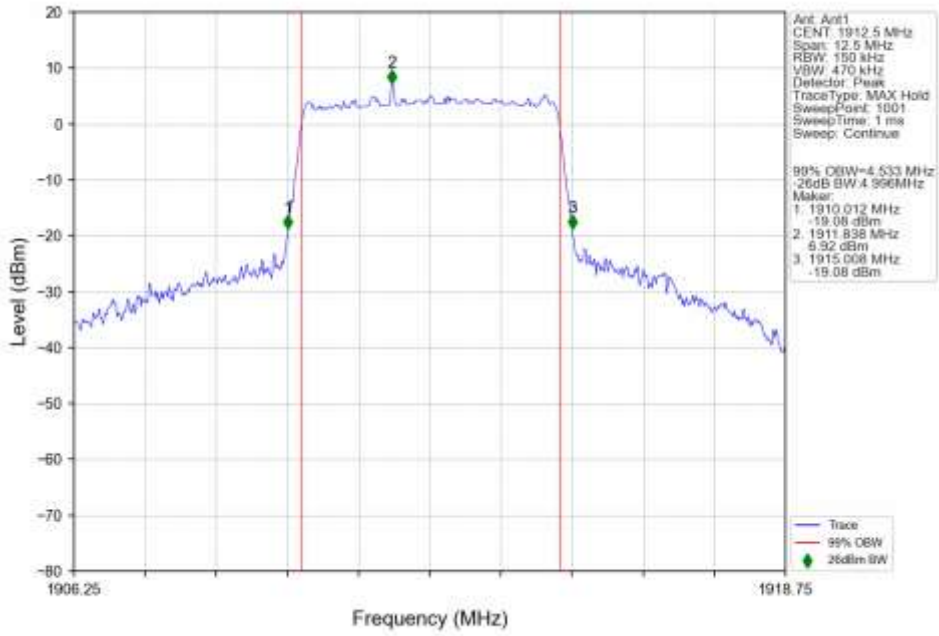
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1852.5MHz_Outer_Full_Ant1



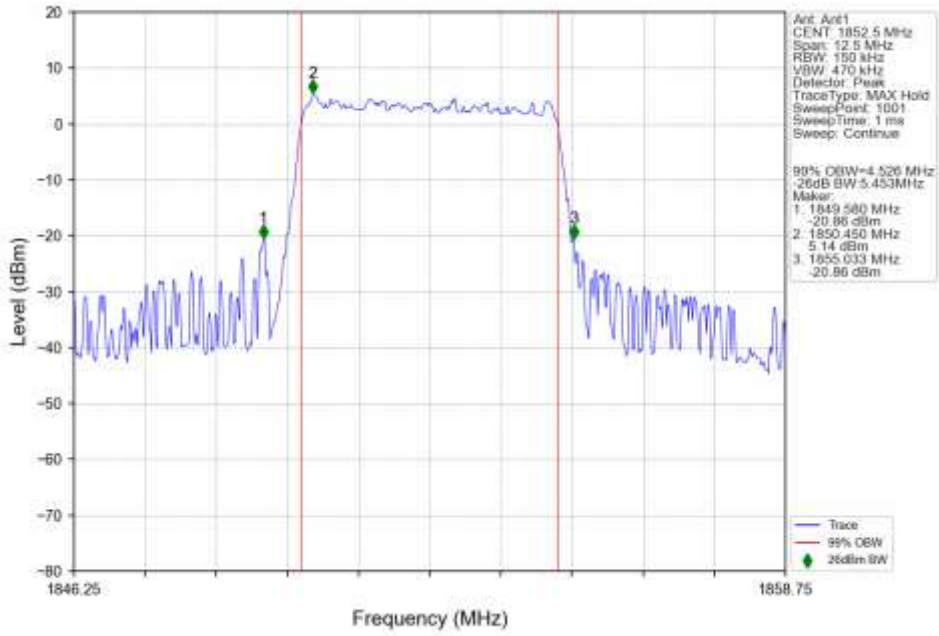
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



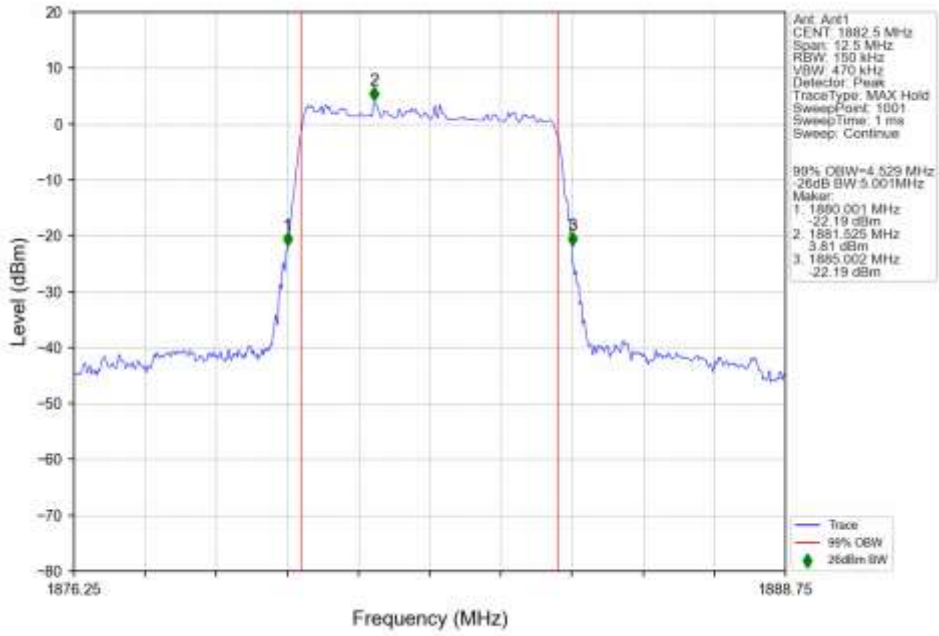
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1912.5MHz_Outer_Full_Ant1



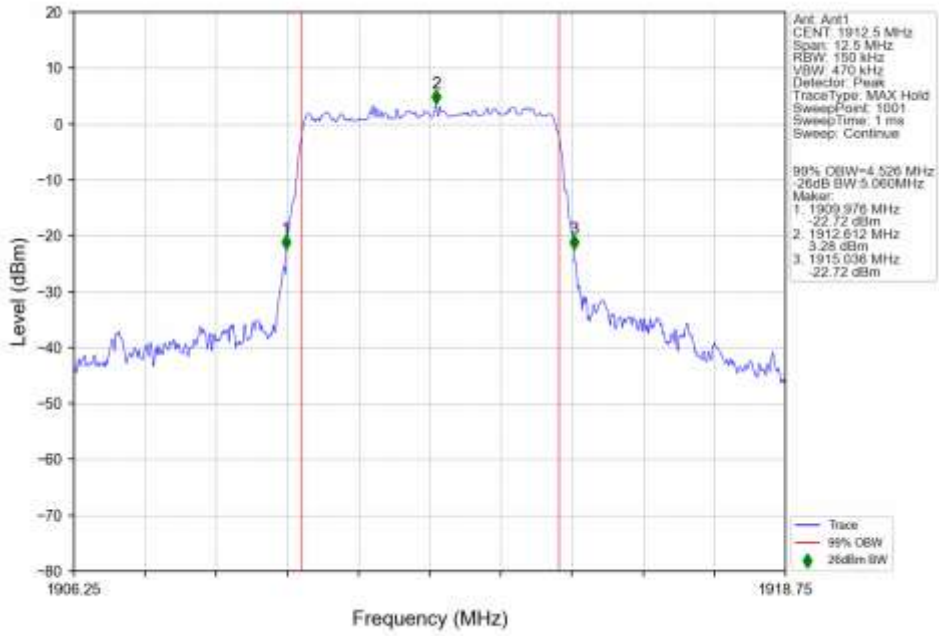
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1852.5MHz_Outer_Full_Ant1



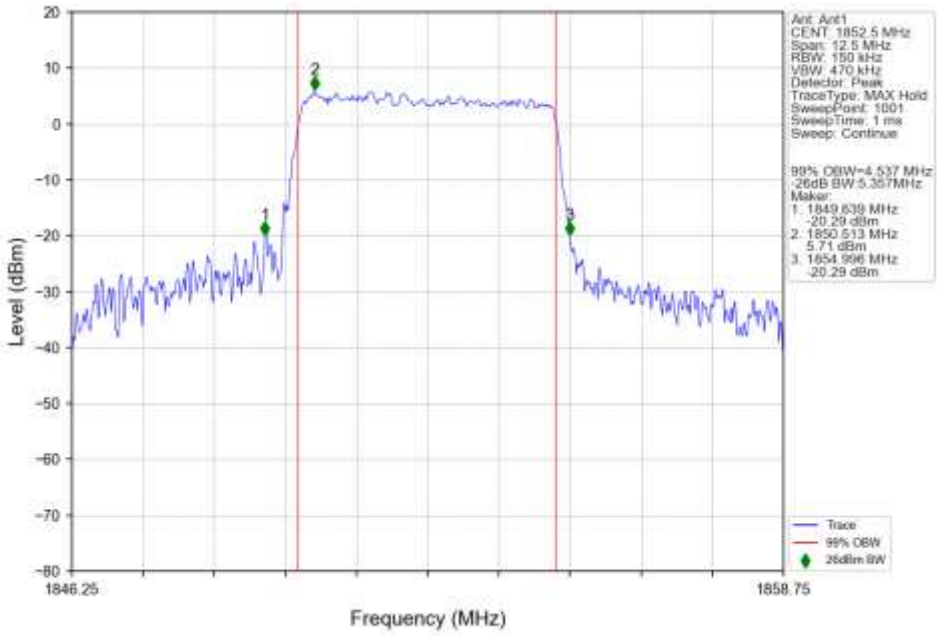
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



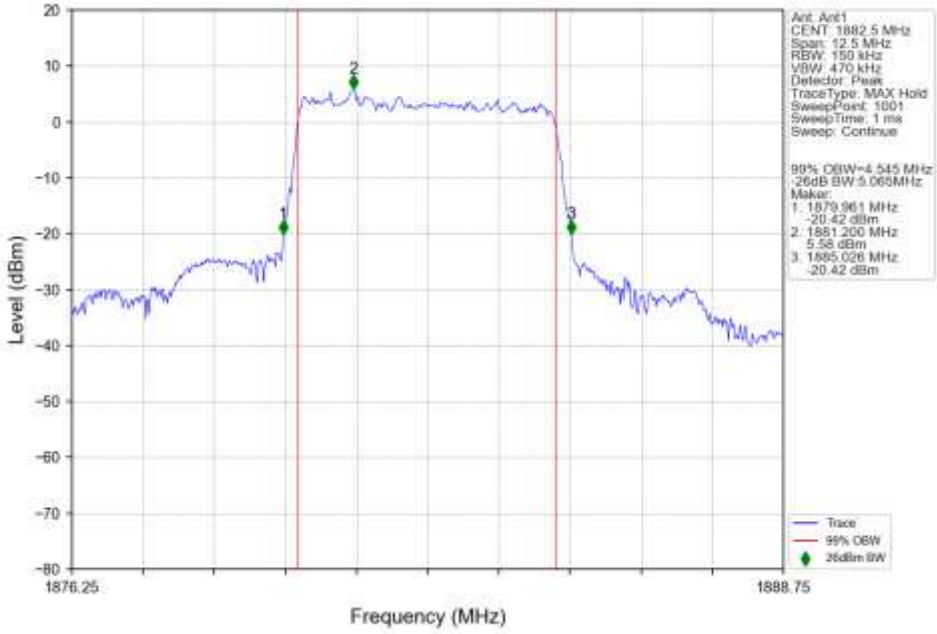
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1912.5MHz_Outer_Full_Ant1



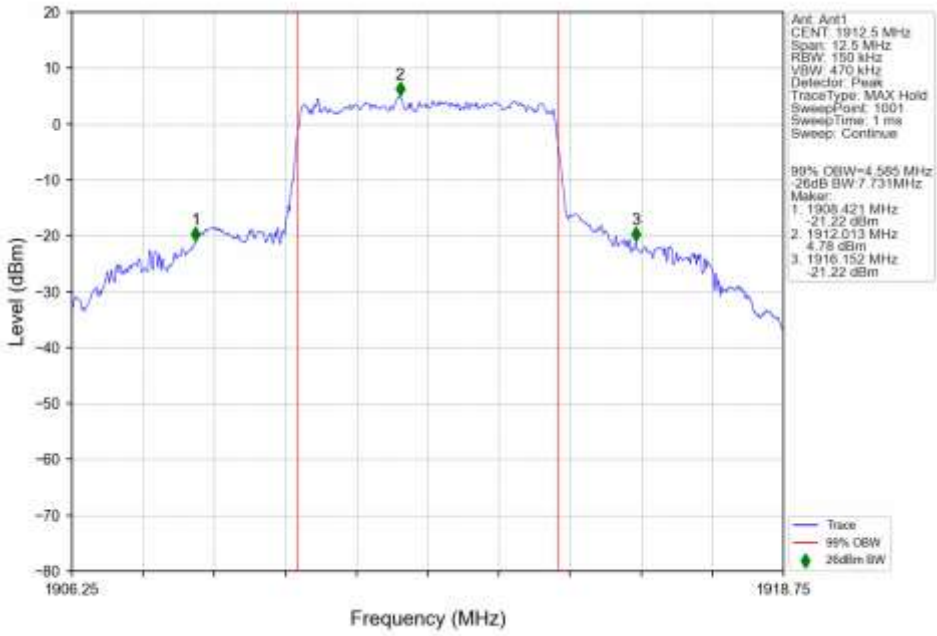
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full_Ant1



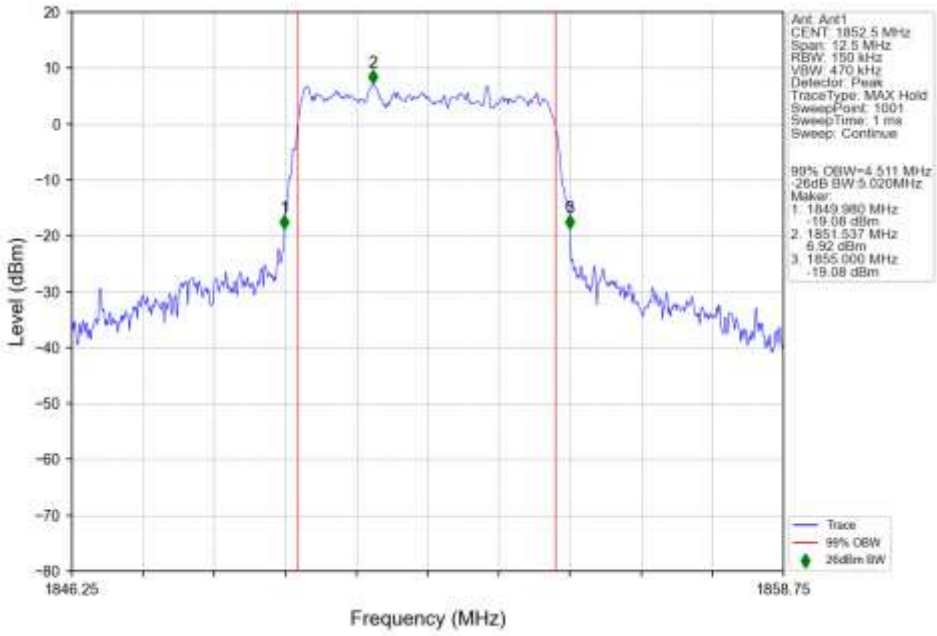
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



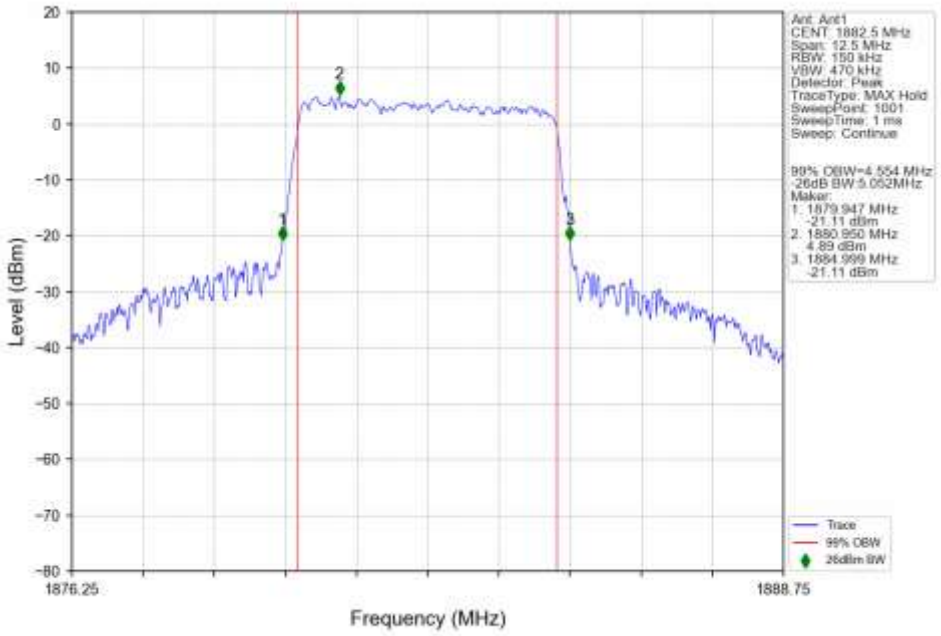
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Outer_Full_Ant1



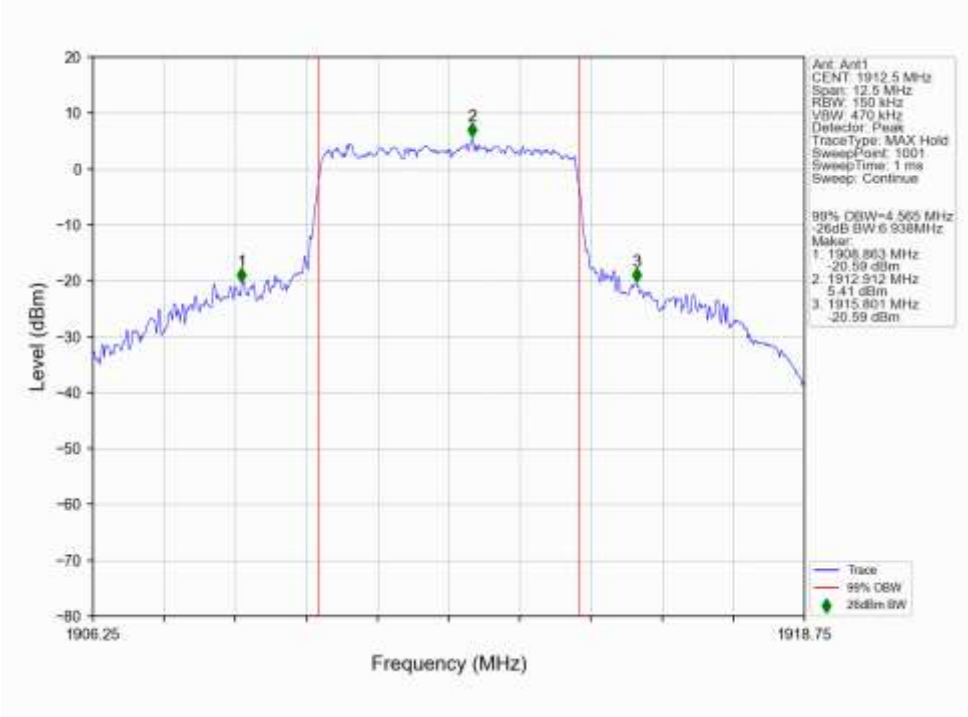
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1852.5MHz_Outer_Full_Ant1



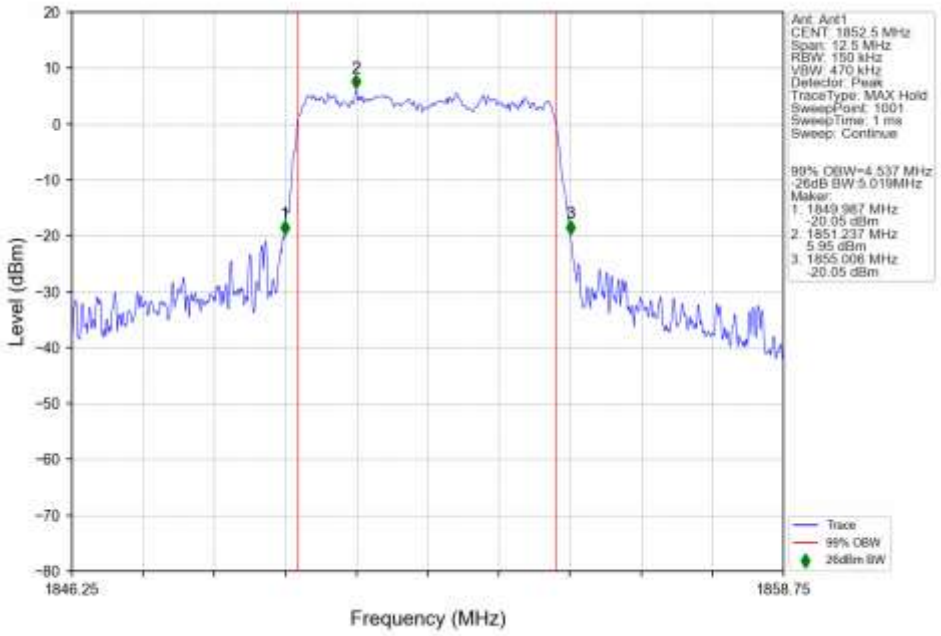
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



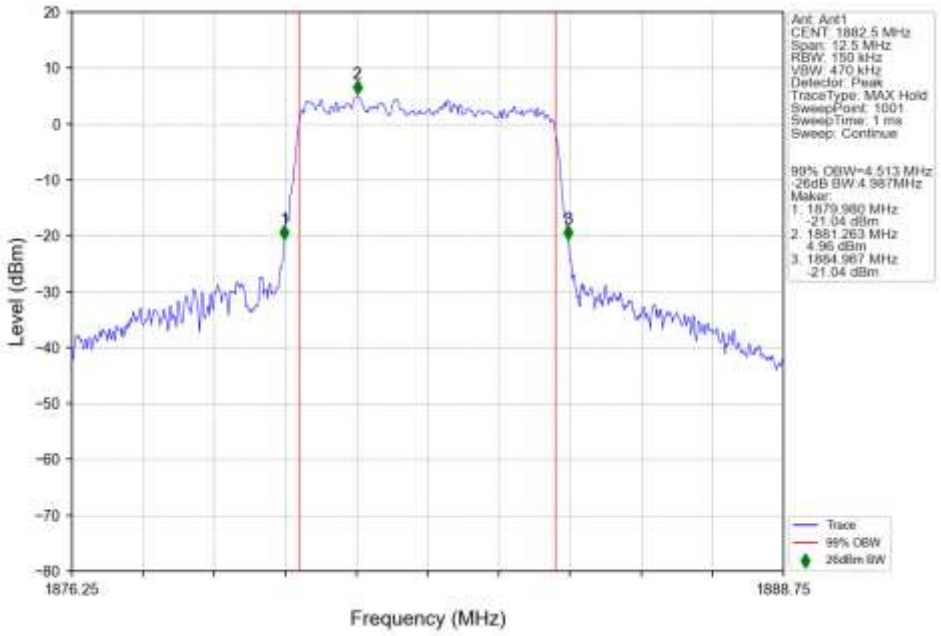
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1912.5MHz_Outer_Full_Ant1



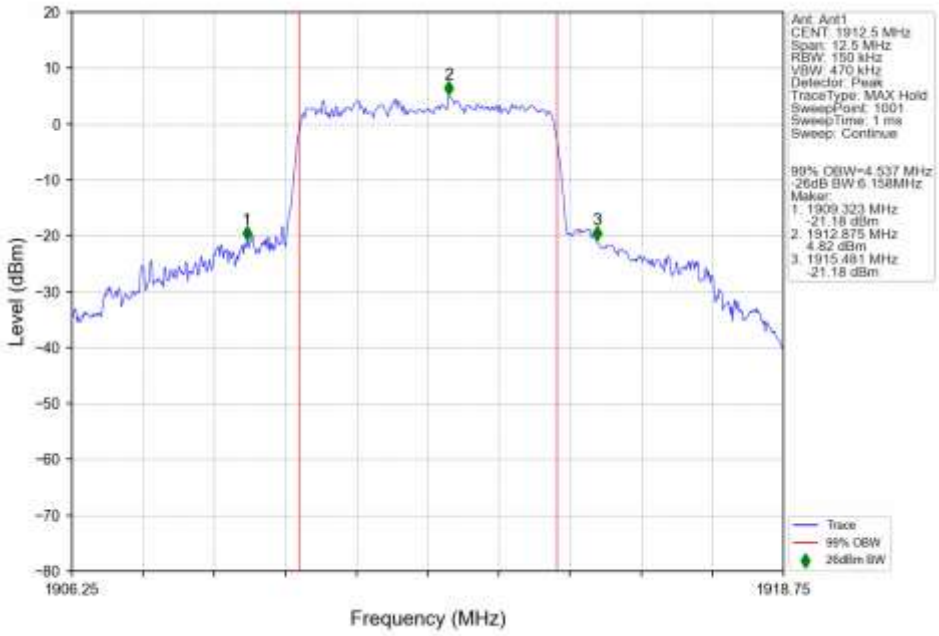
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1852.5MHz_Outer_Full_Ant1



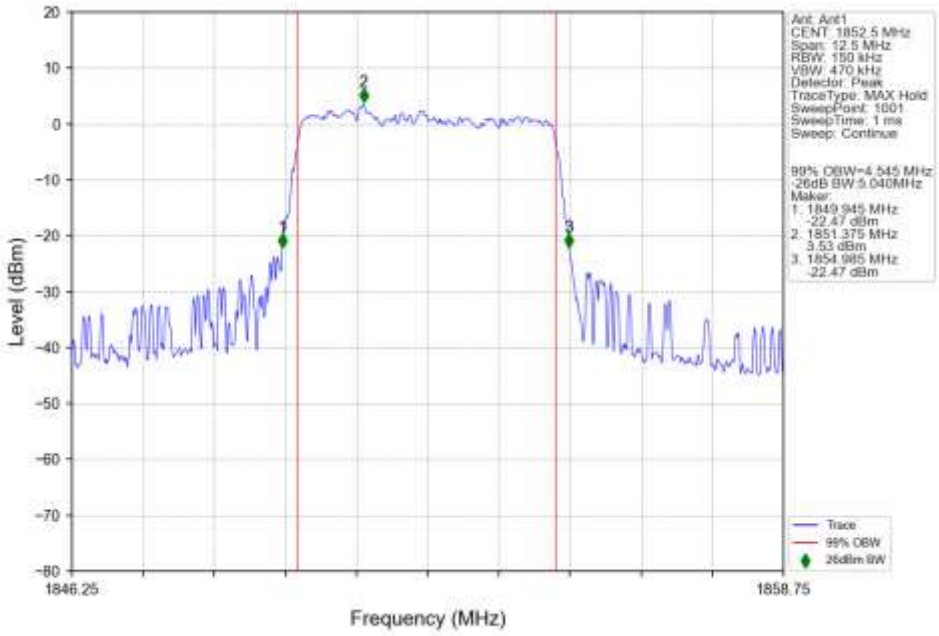
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



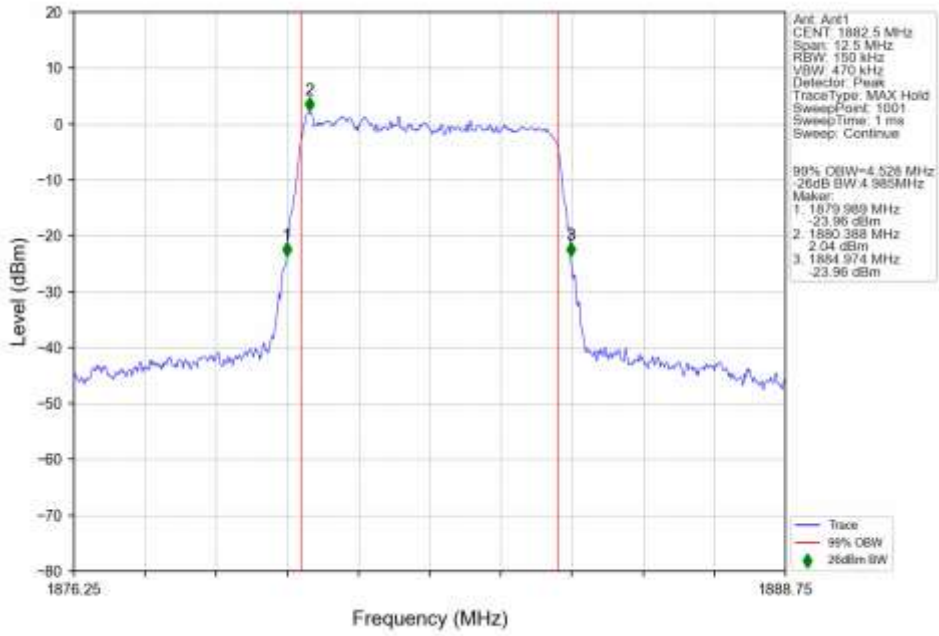
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1912.5MHz_Outer_Full_Ant1



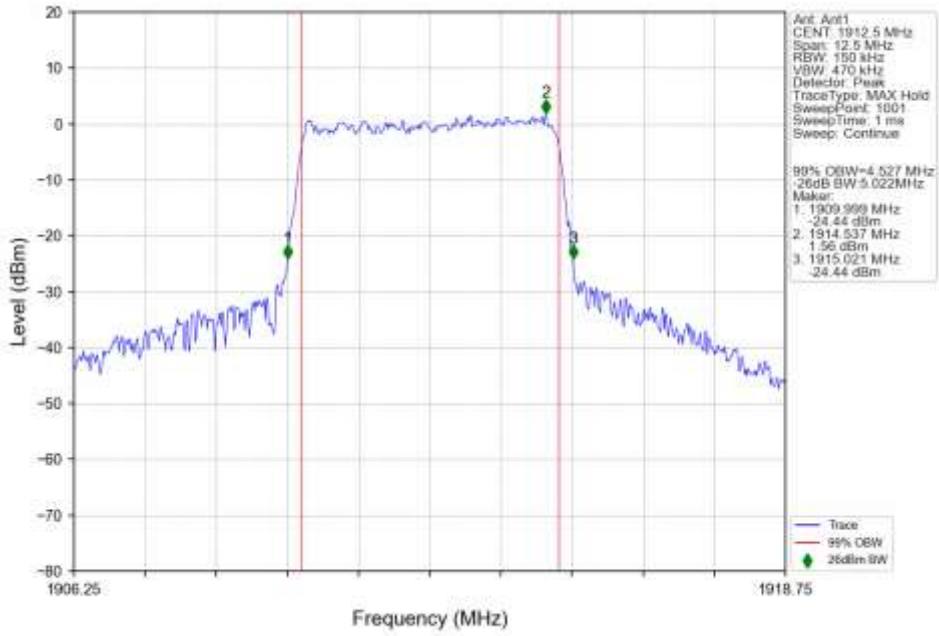
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1852.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

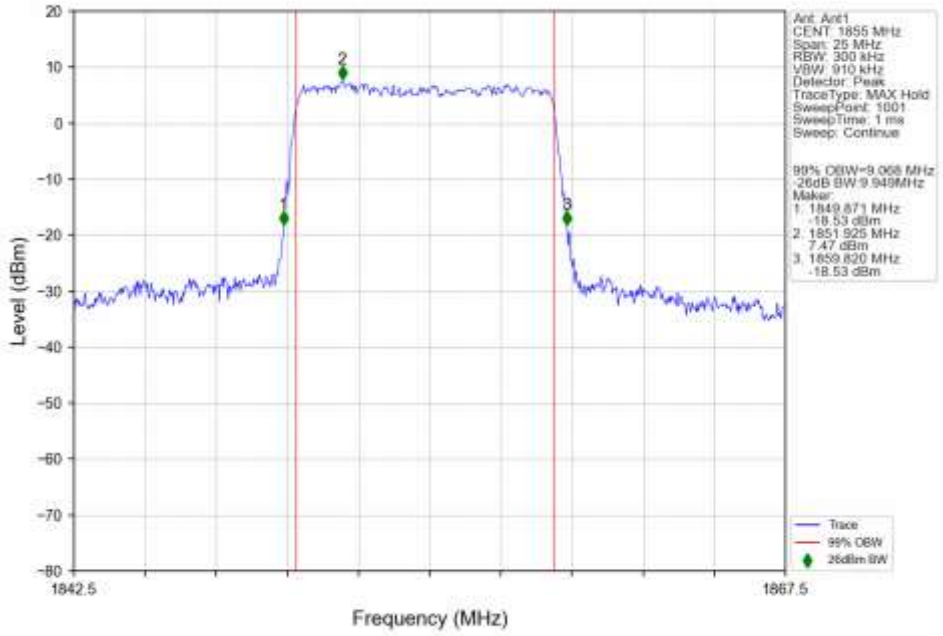


n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1912.5MHz_Outer_Full_Ant1

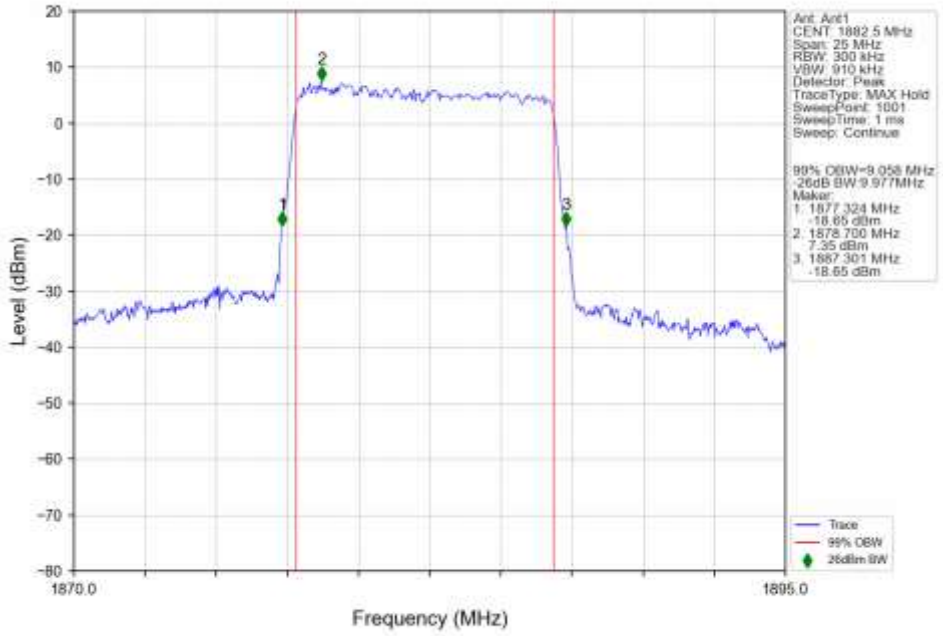


4.2.2 15k_SISO_10MHz_NTNV

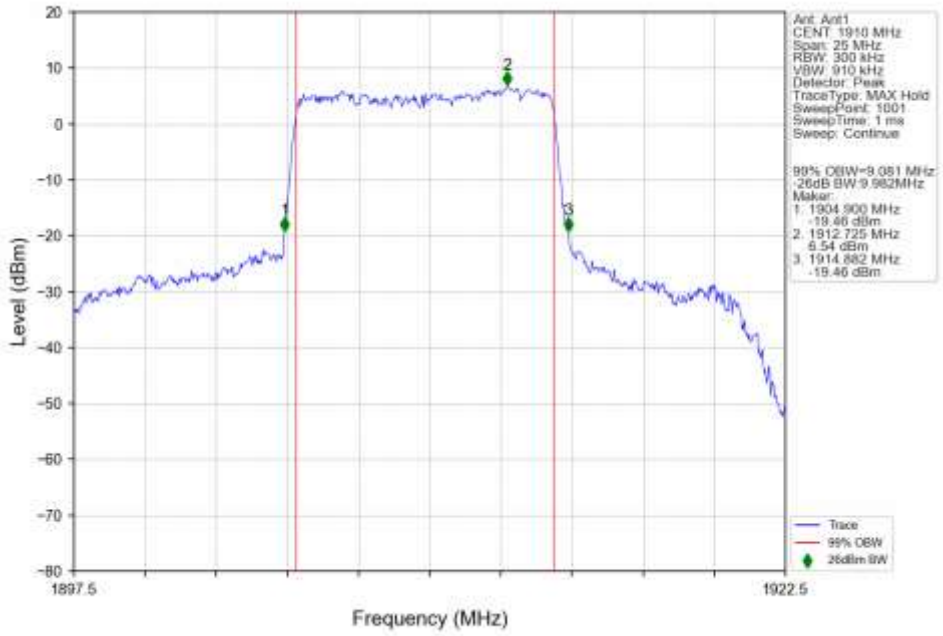
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full_Ant1



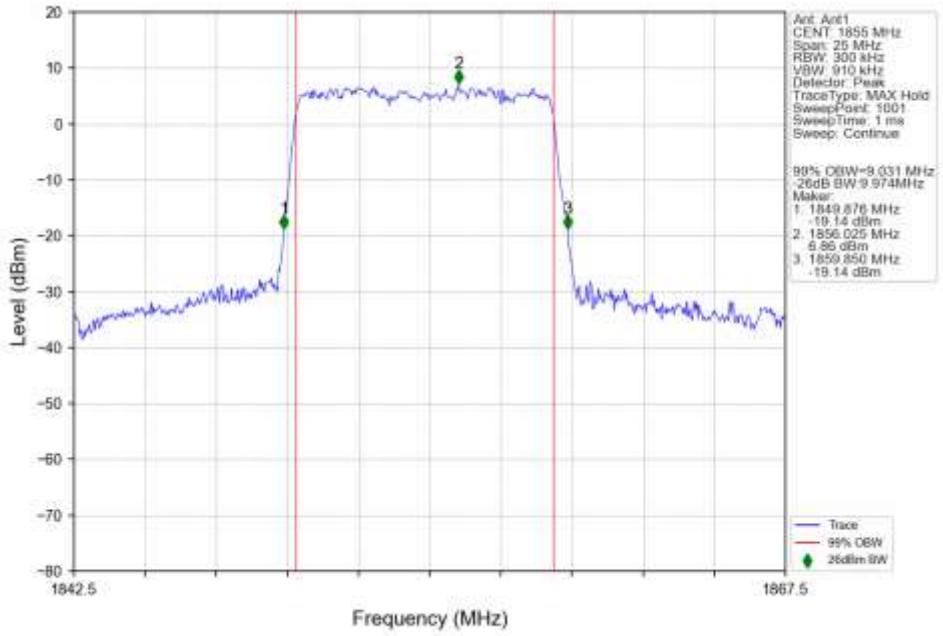
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



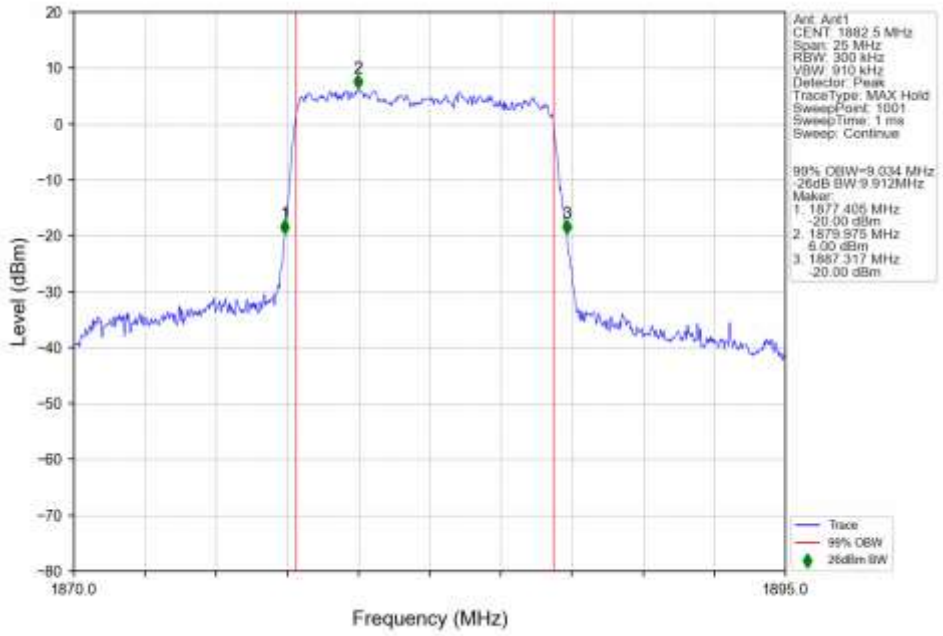
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Outer_Full_Ant1



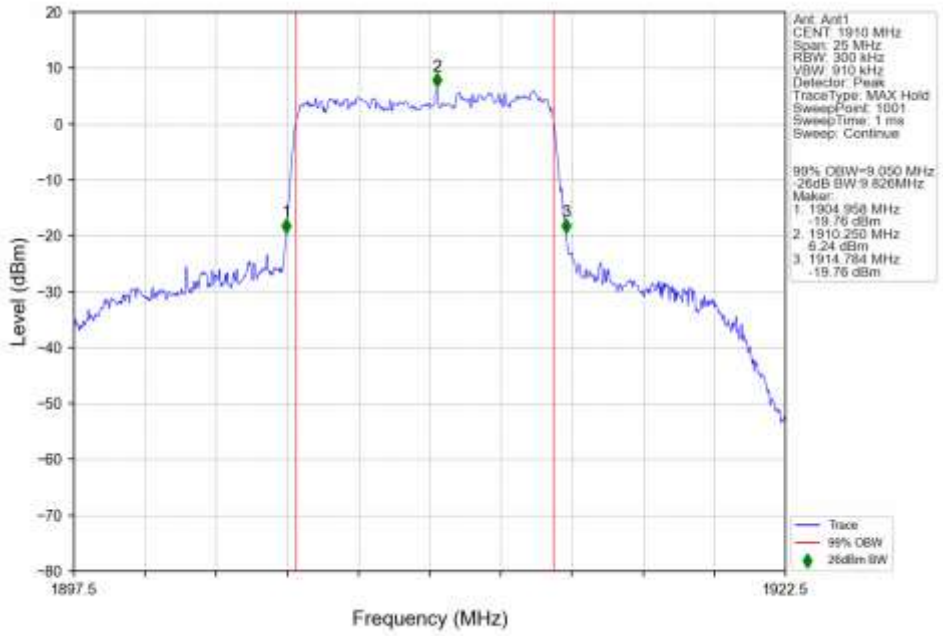
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1855MHz_Outer_Full_Ant1



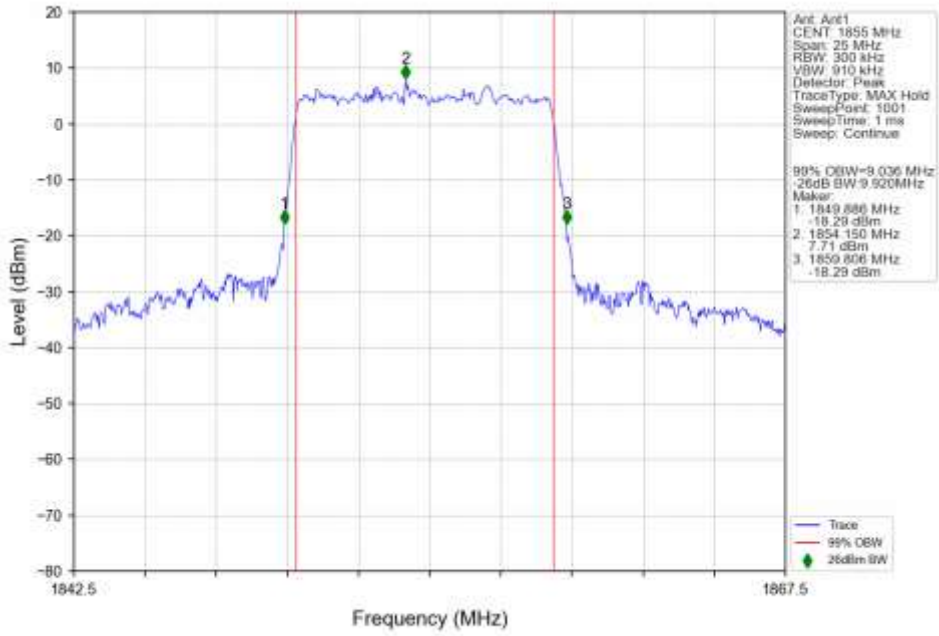
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



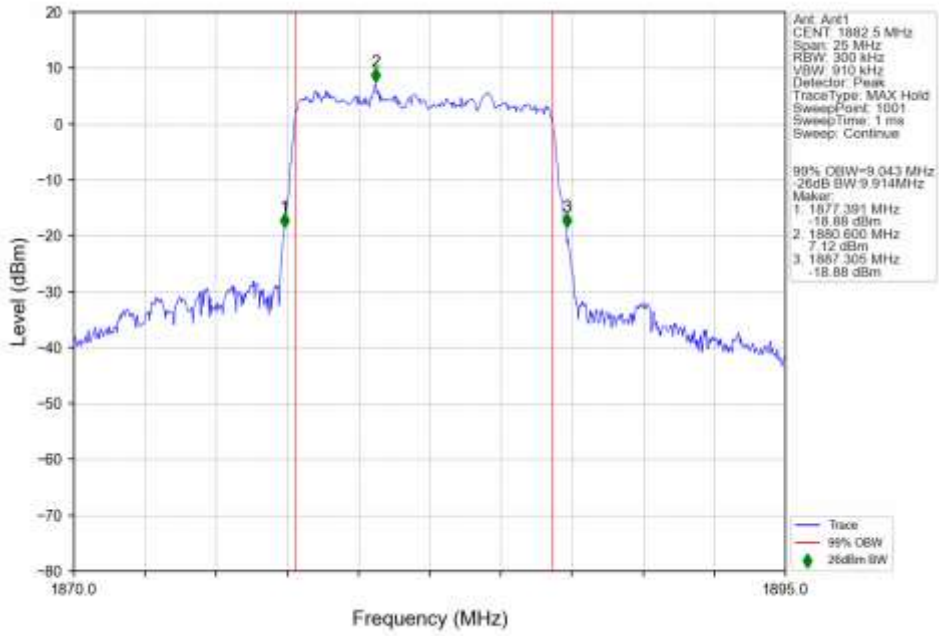
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1910MHz_Outer_Full_Ant1



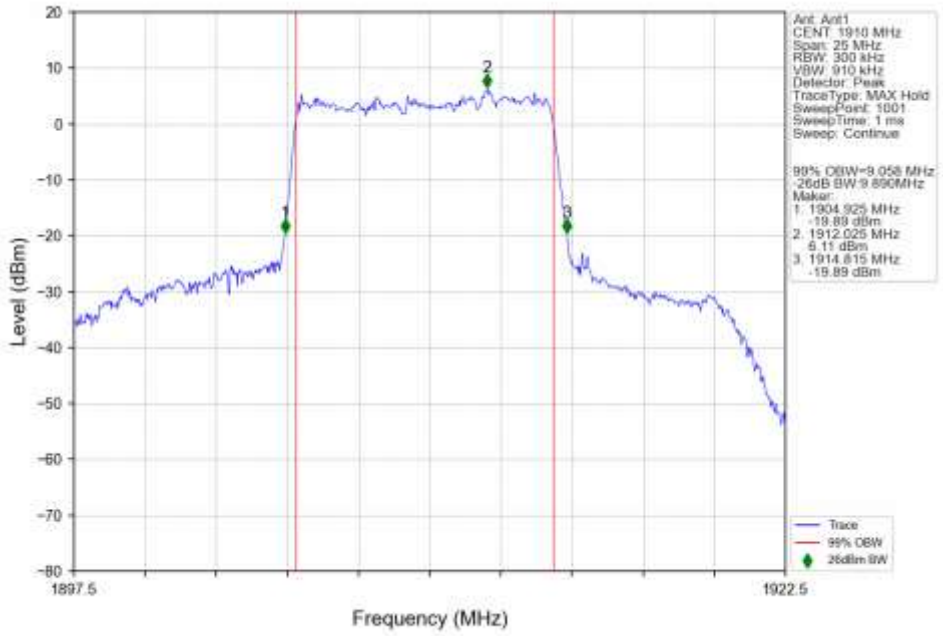
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1855MHz_Outer_Full_Ant1



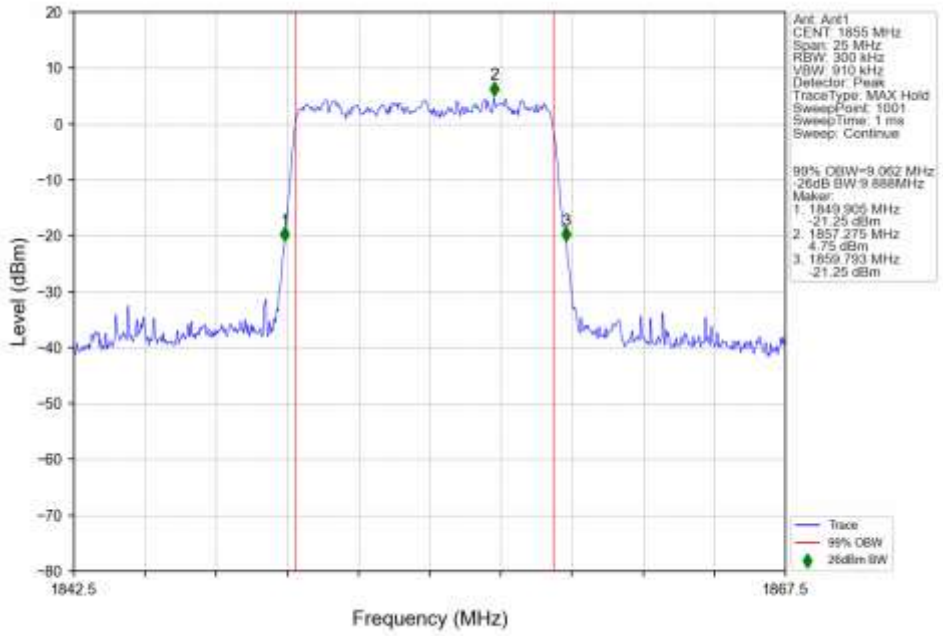
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



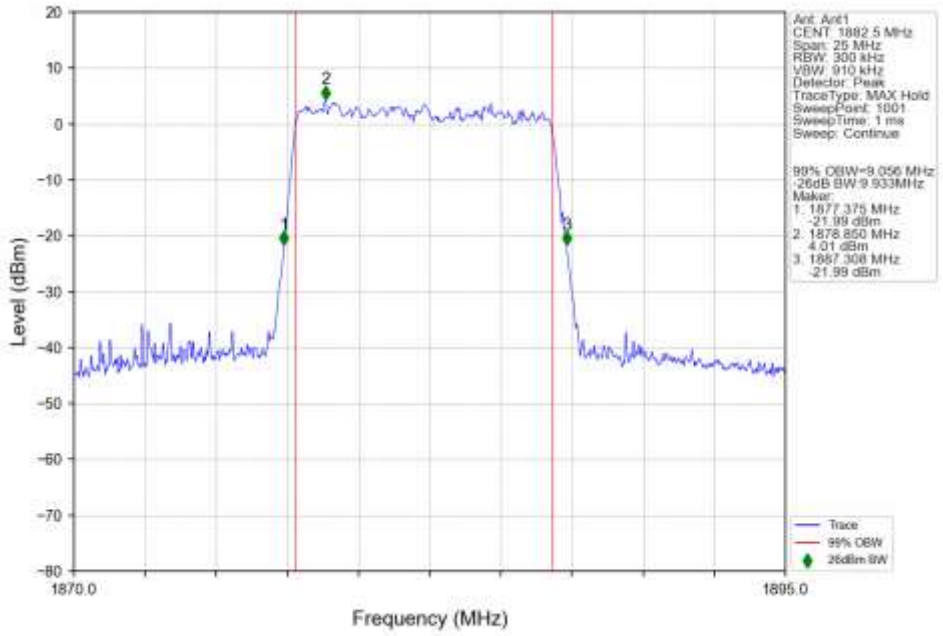
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1910MHz_Outer_Full_Ant1



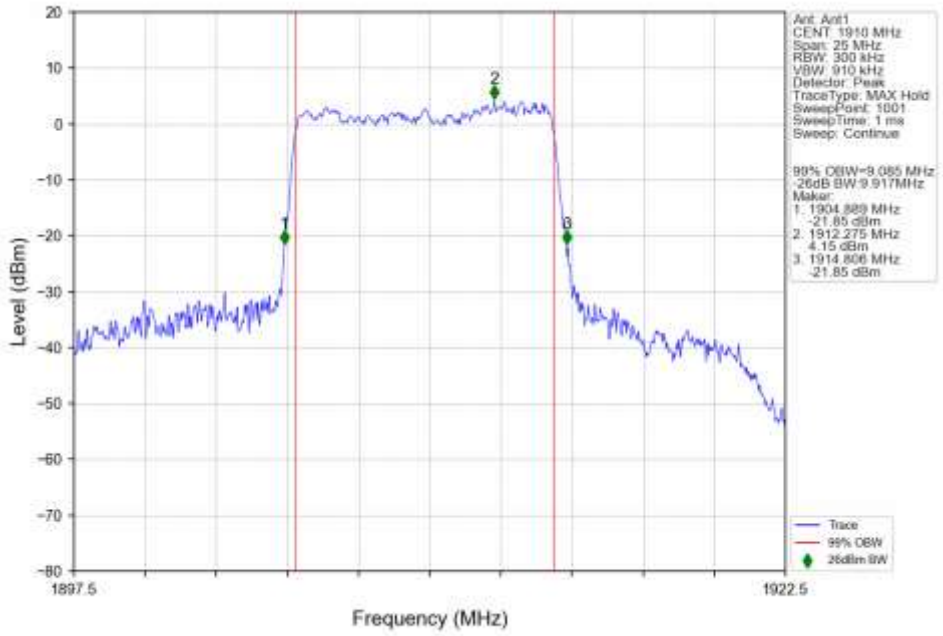
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full_Ant1



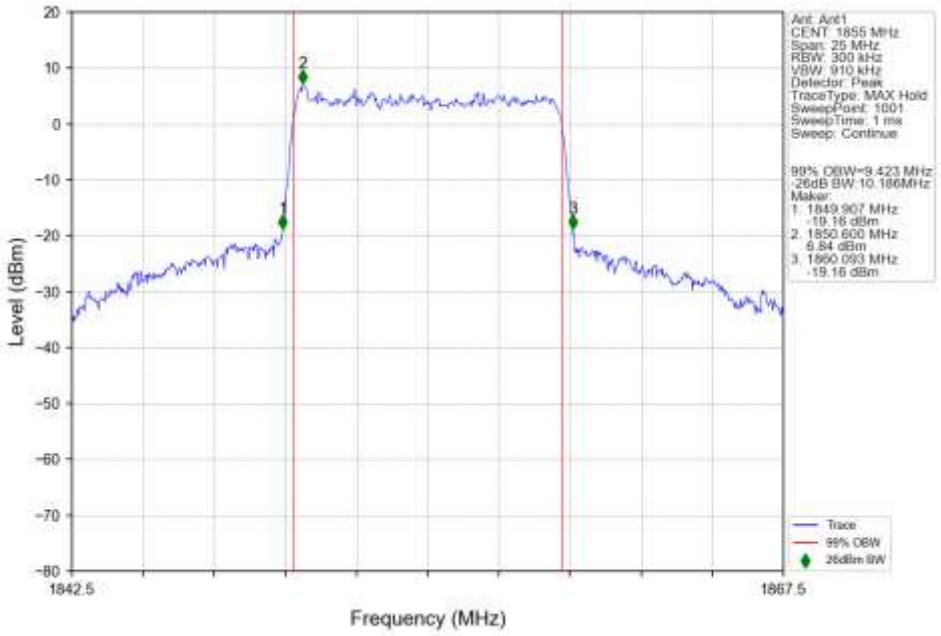
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



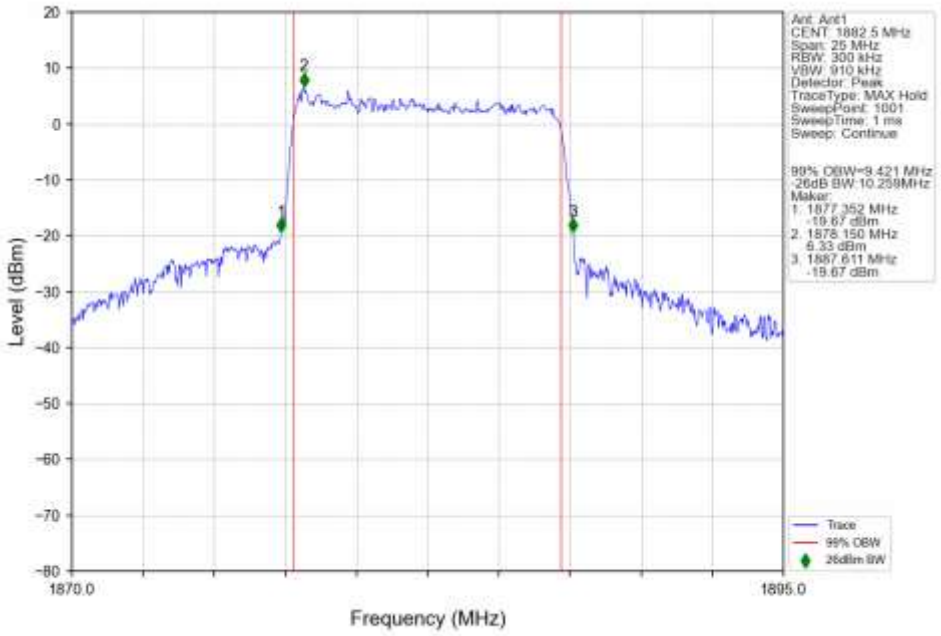
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1910MHz_Outer_Full_Ant1



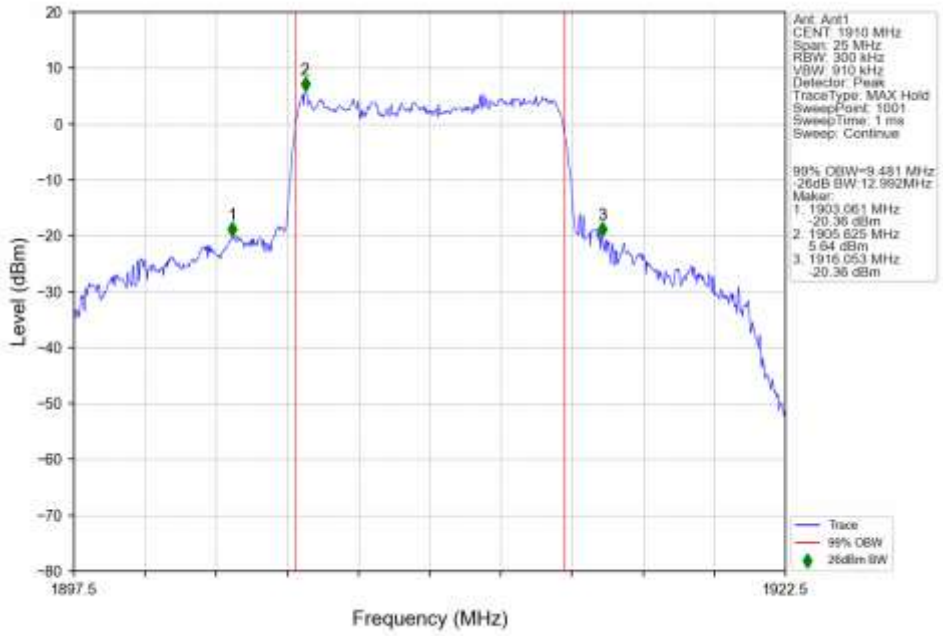
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full_Ant1



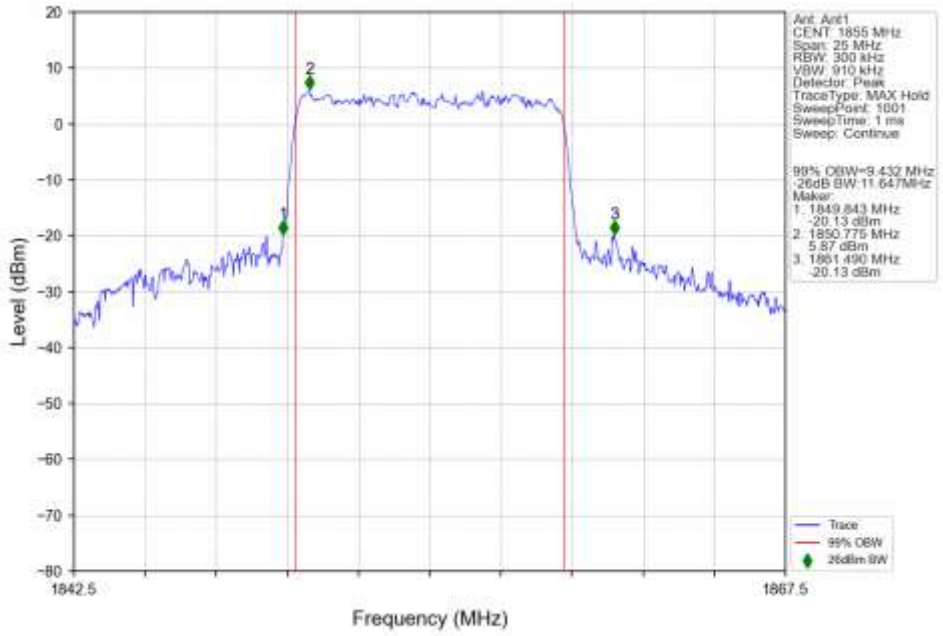
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



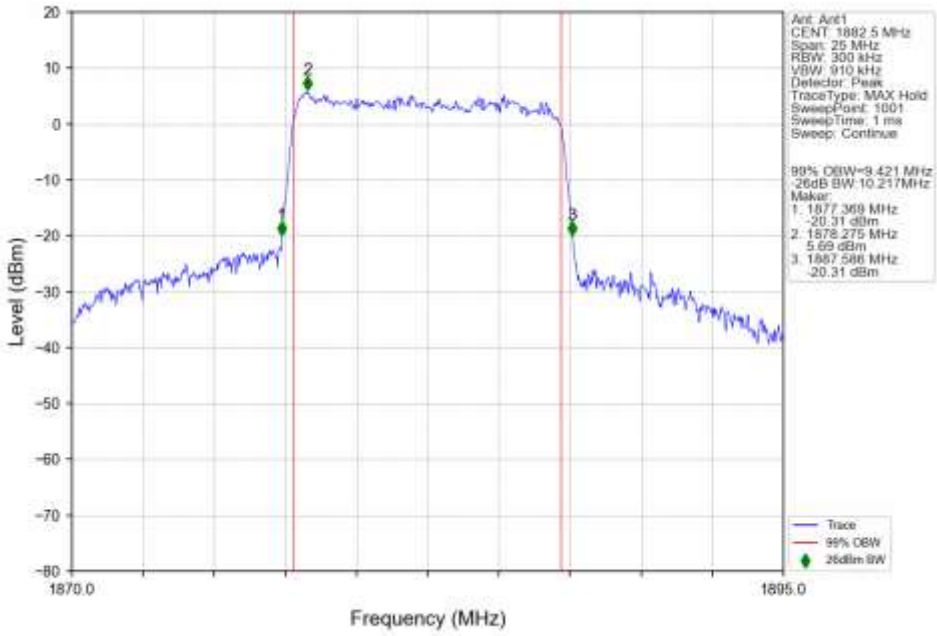
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1910MHz_Outer_Full_Ant1



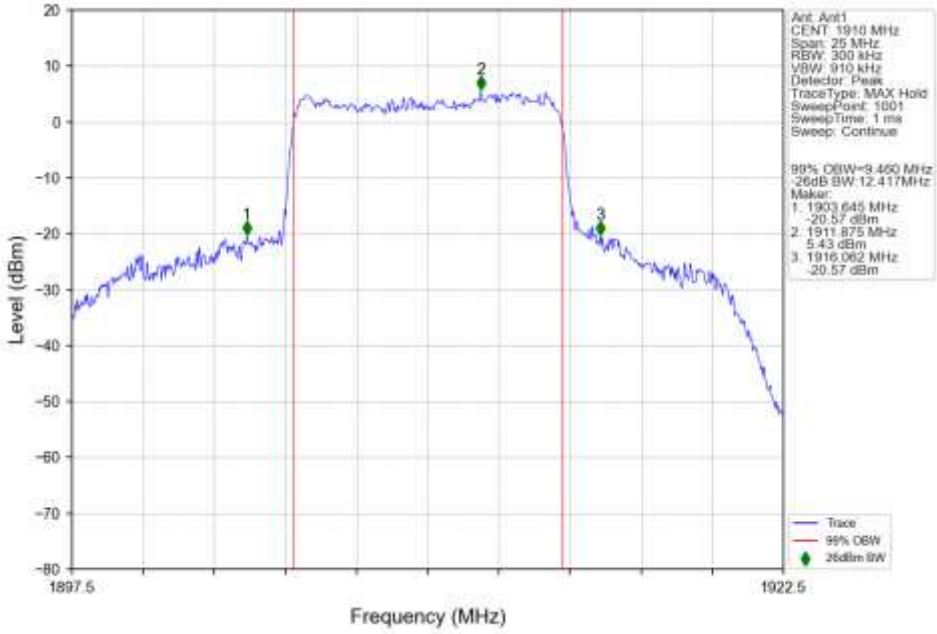
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1855MHz_Outer_Full_Ant1



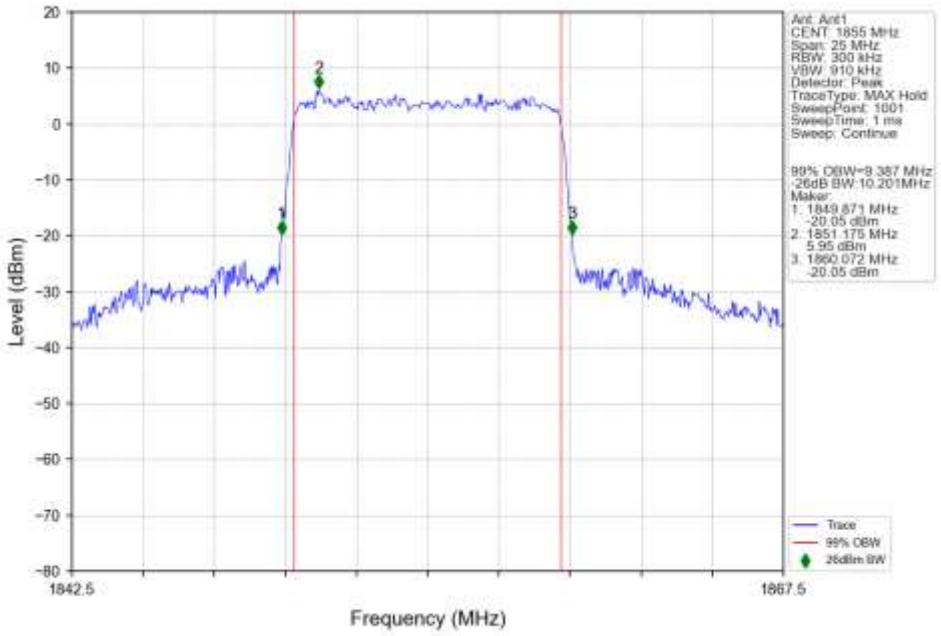
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



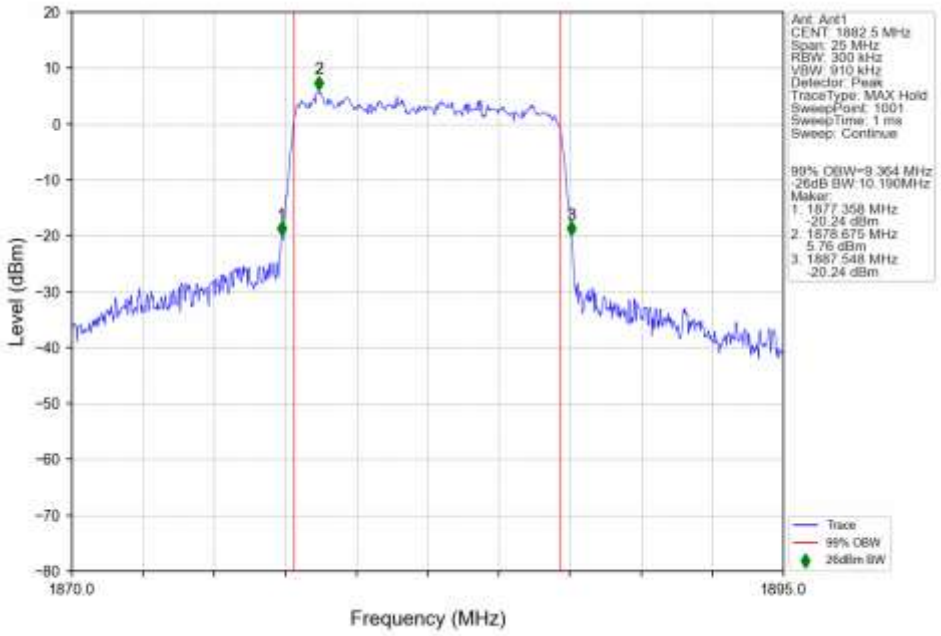
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1910MHz_Outer_Full_Ant1



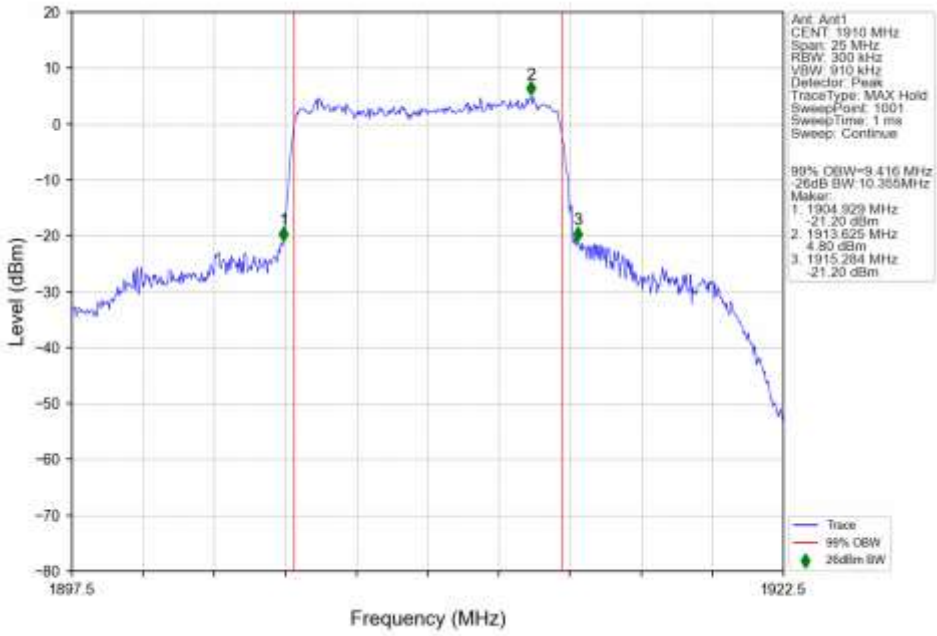
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1855MHz_Outer_Full_Ant1



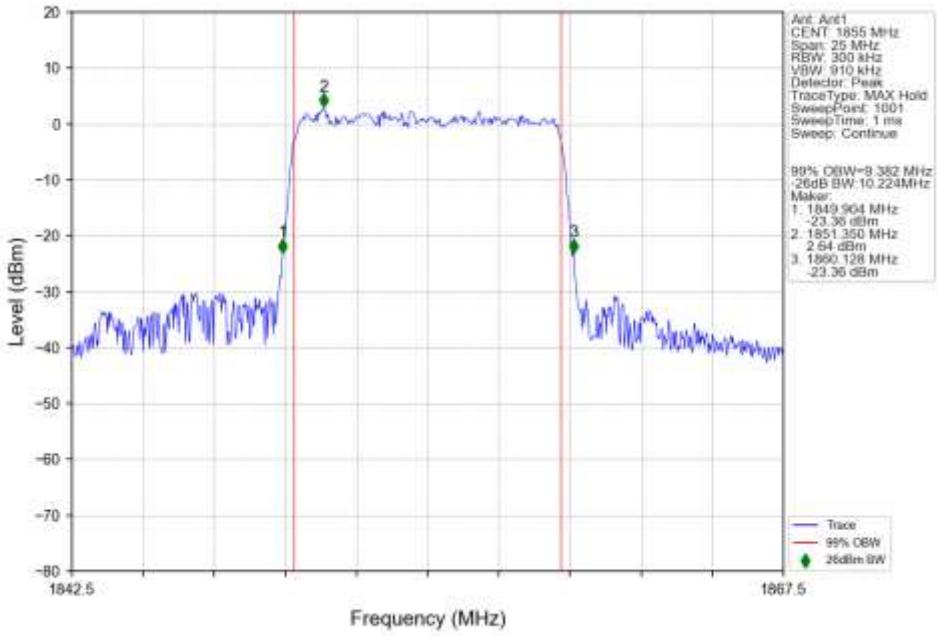
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



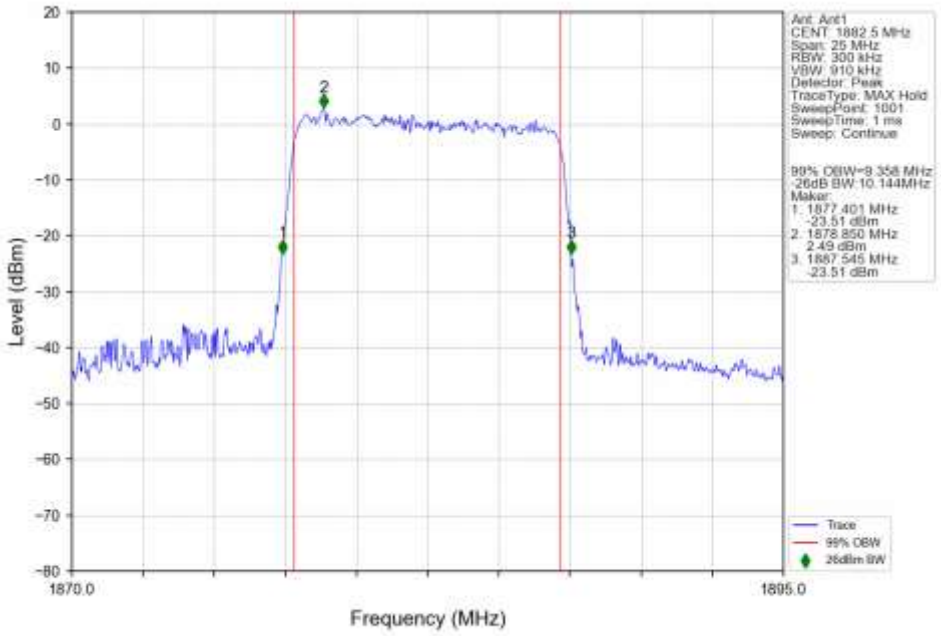
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1910MHz_Outer_Full_Ant1



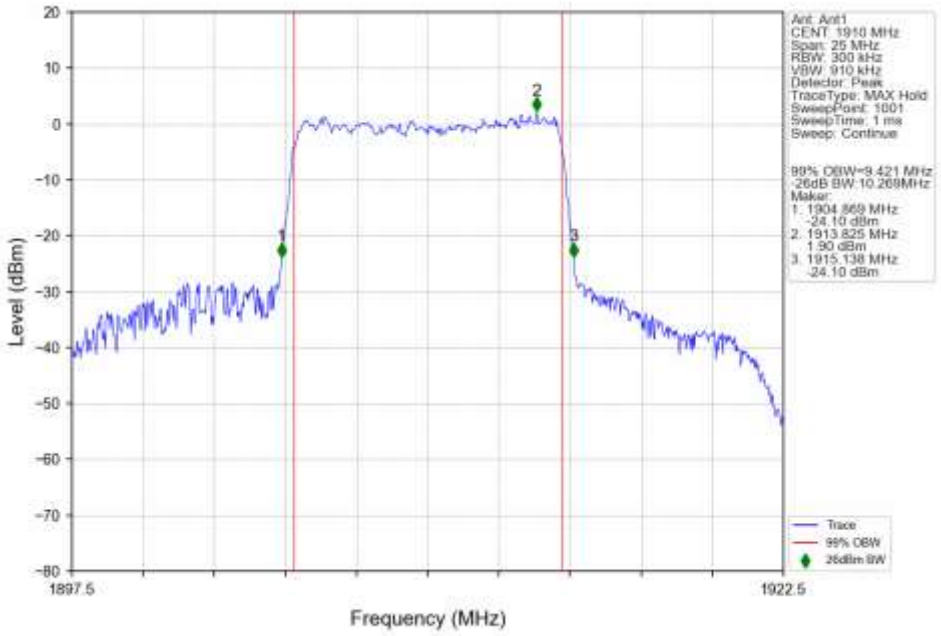
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1855MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

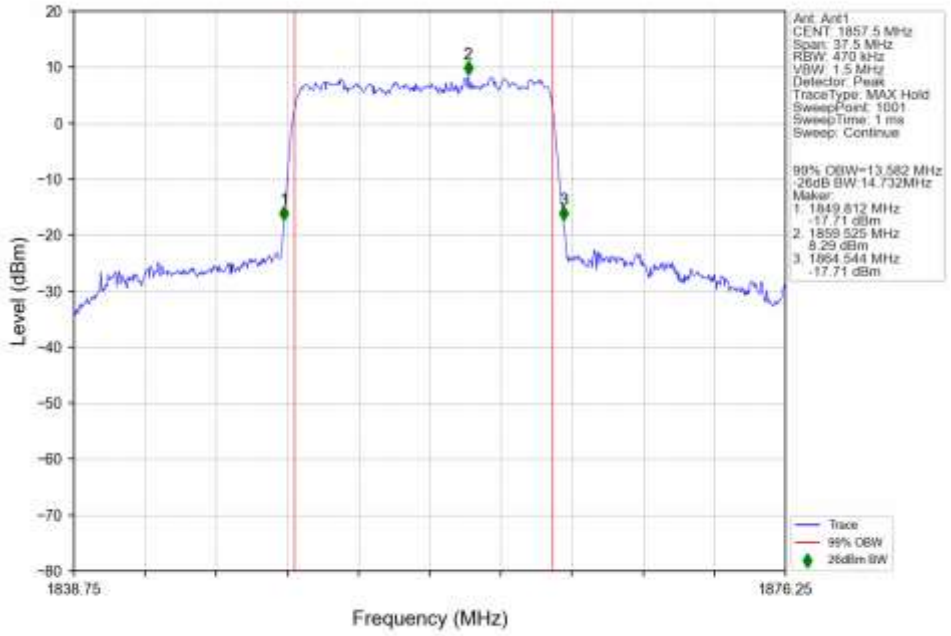


n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1910MHz_Outer_Full_Ant1

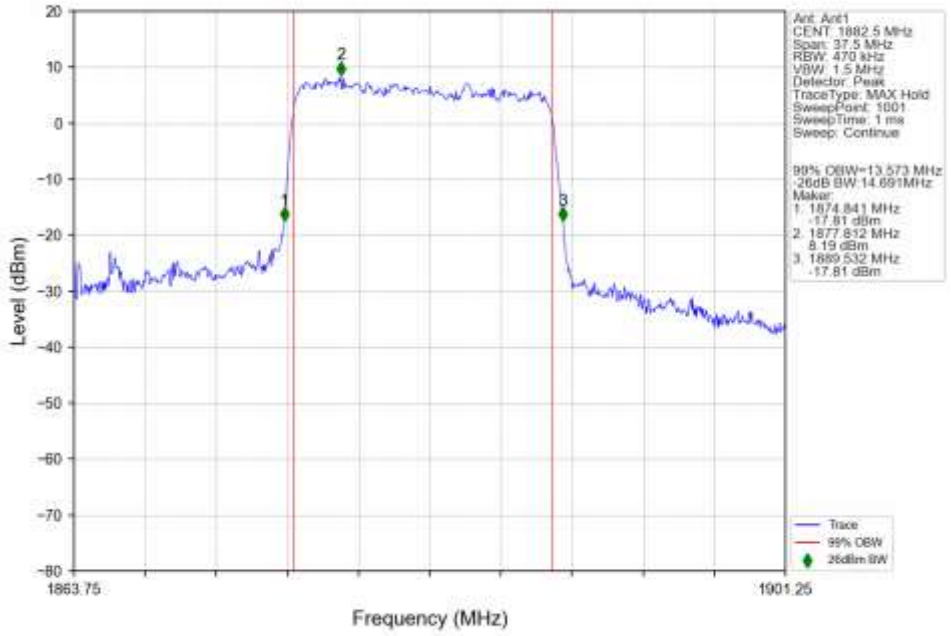


4.2.3 15k_SISO_15MHz_NTNV

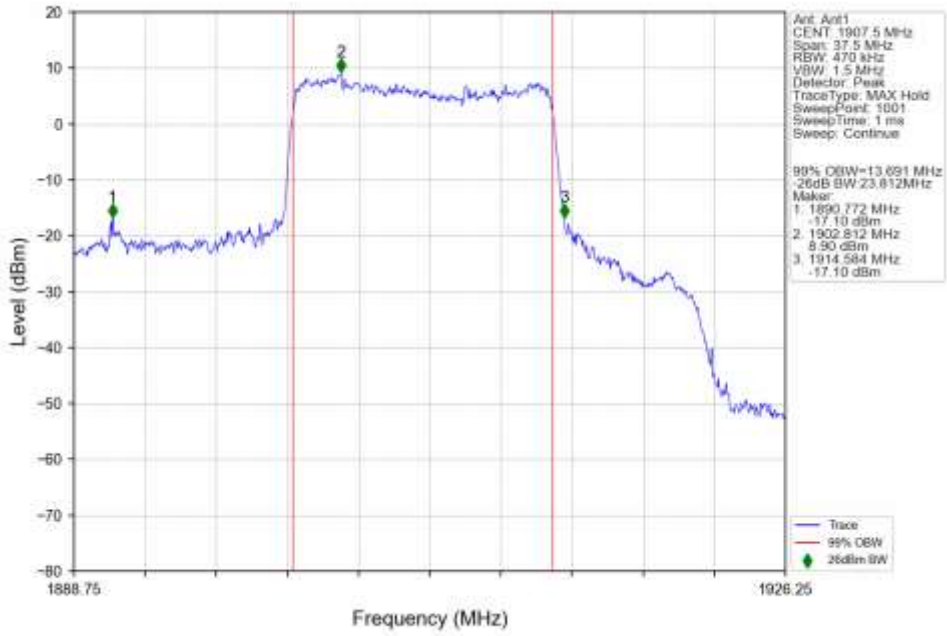
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Outer_Full_Ant1



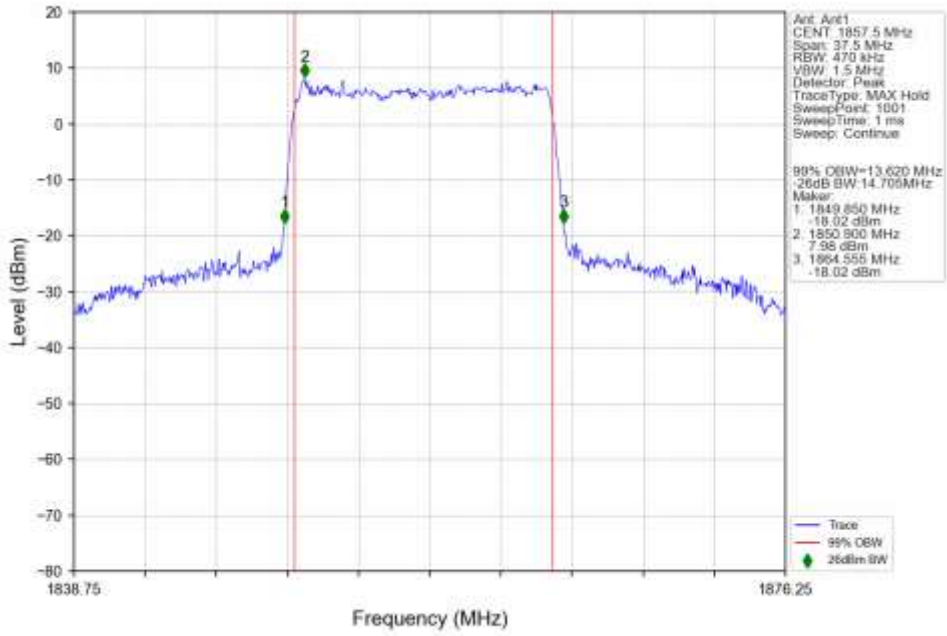
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



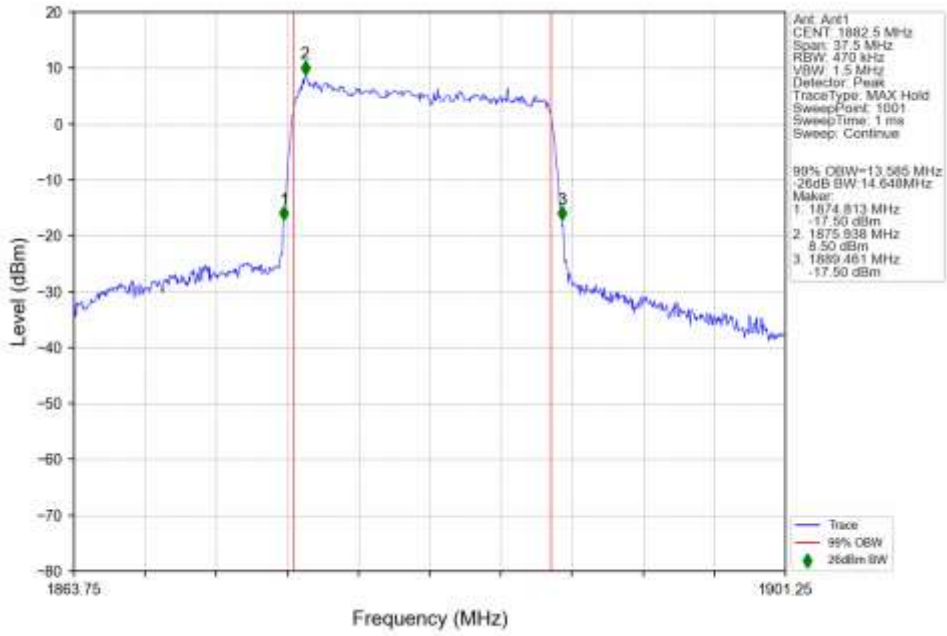
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1907.5MHz_Outer_Full_Ant1



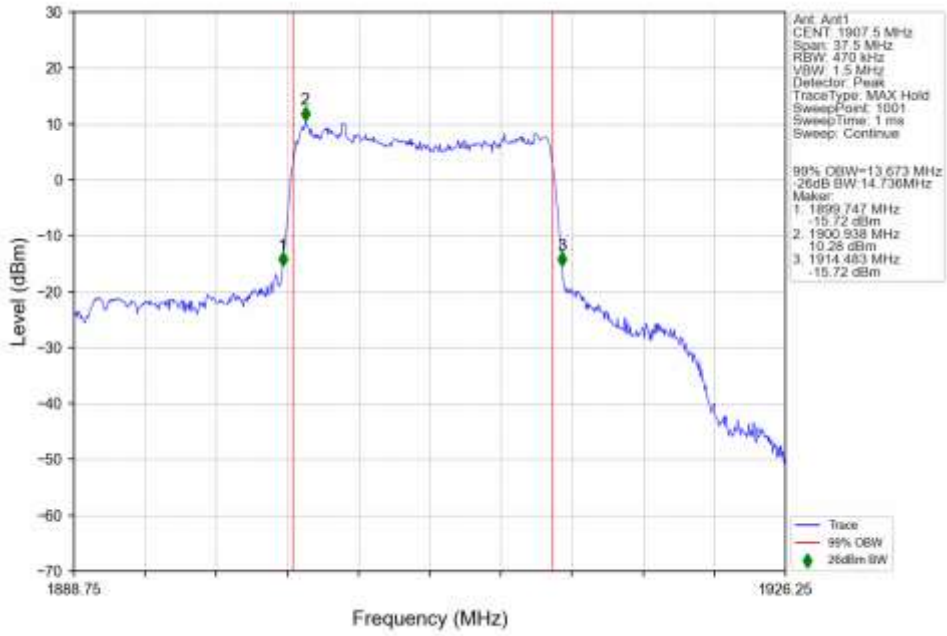
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1857.5MHz_Outer_Full_Ant1



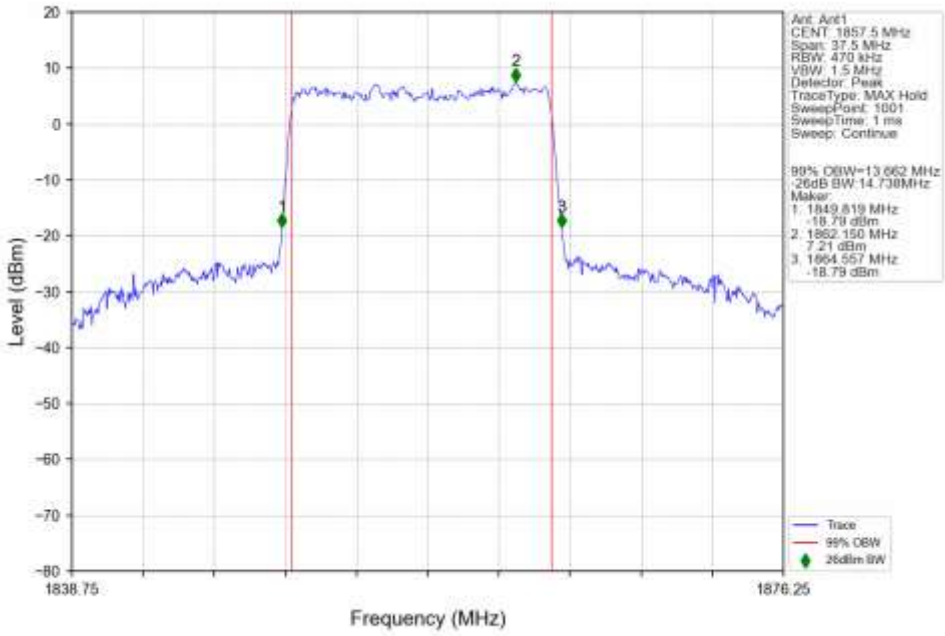
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



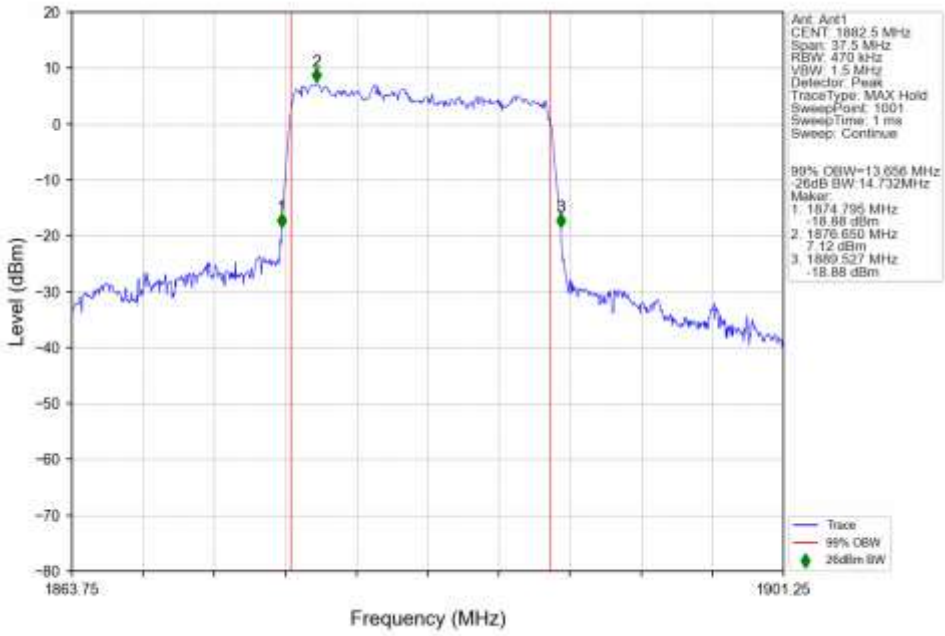
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1907.5MHz_Outer_Full_Ant1



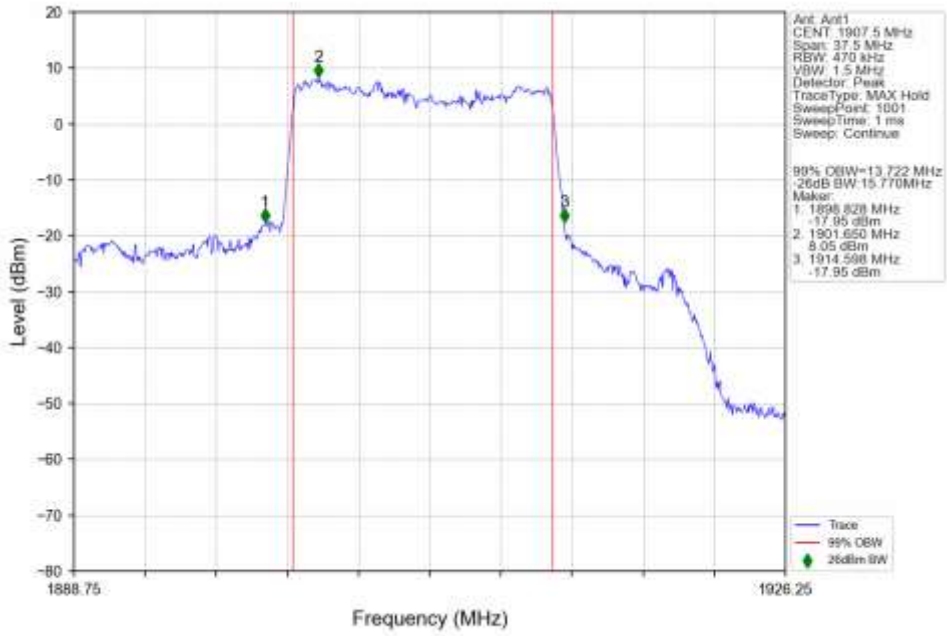
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1857.5MHz_Outer_Full_Ant1



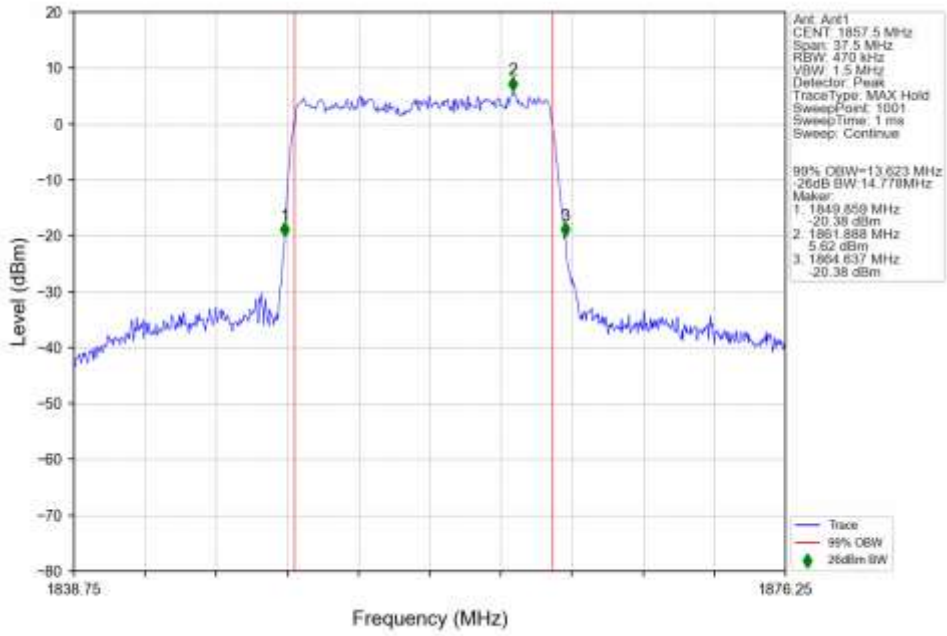
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



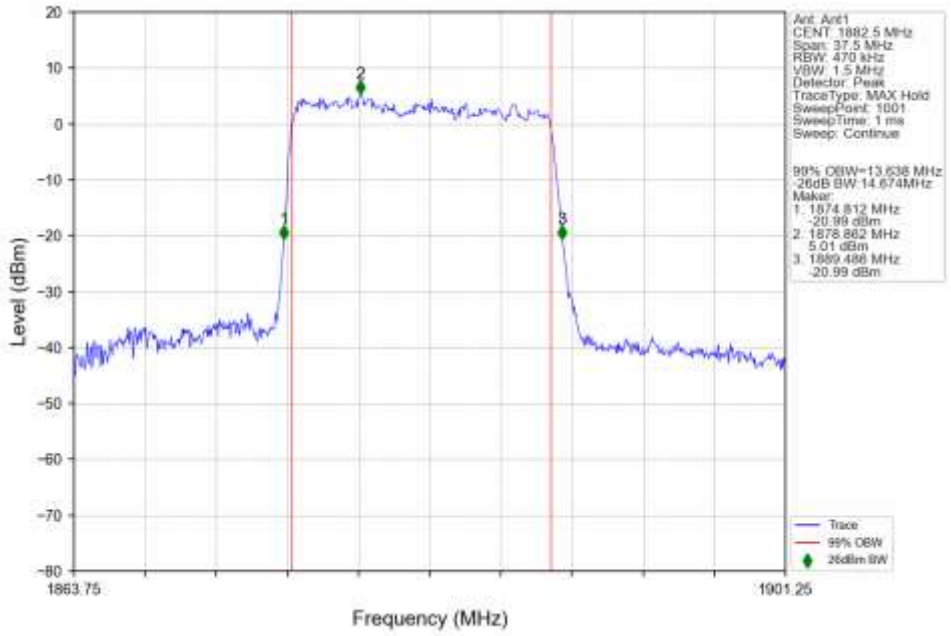
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1907.5MHz_Outer_Full_Ant1



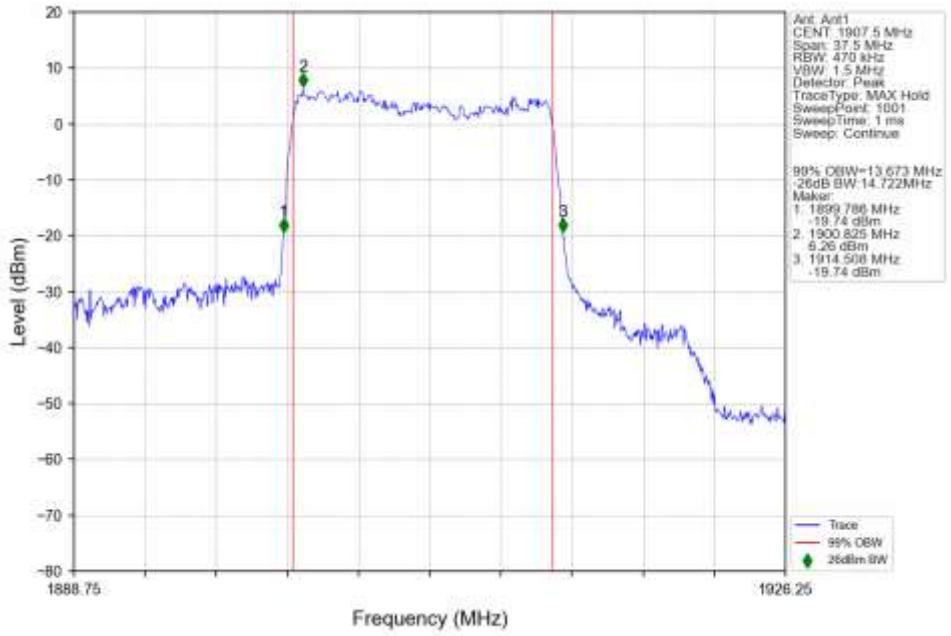
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



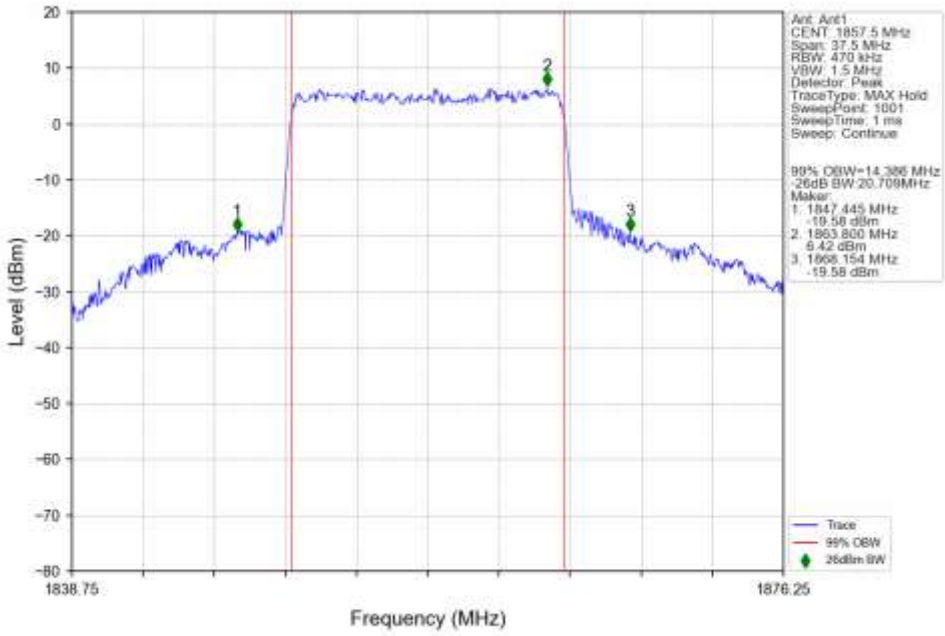
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



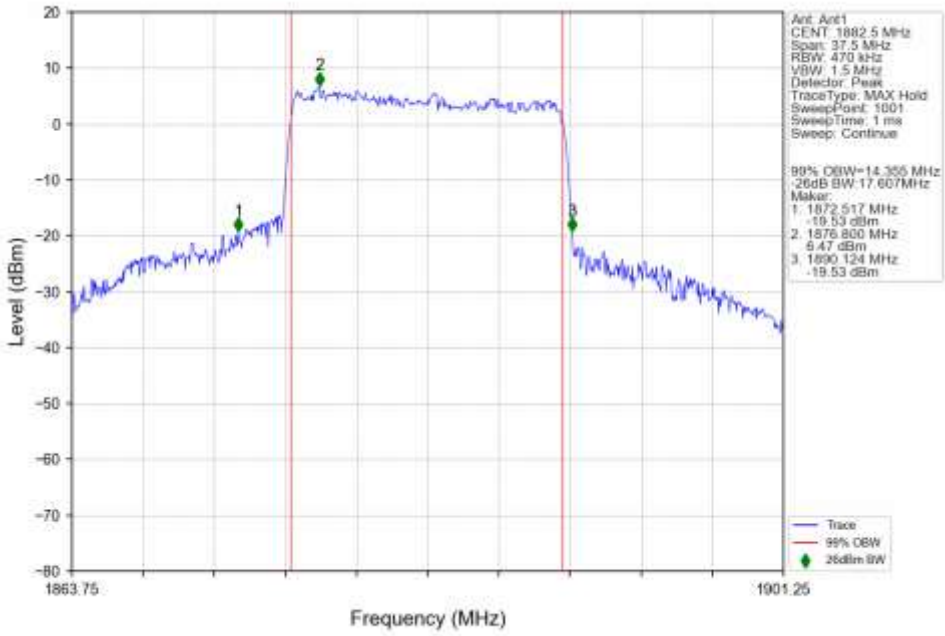
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1907.5MHz_Outer_Full_Ant1



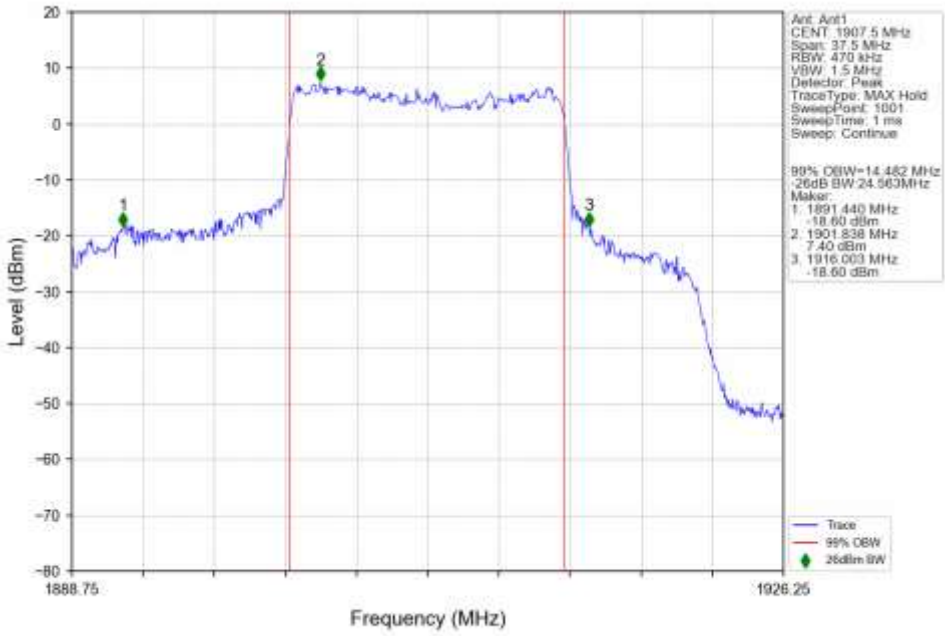
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Outer_Full_Ant1



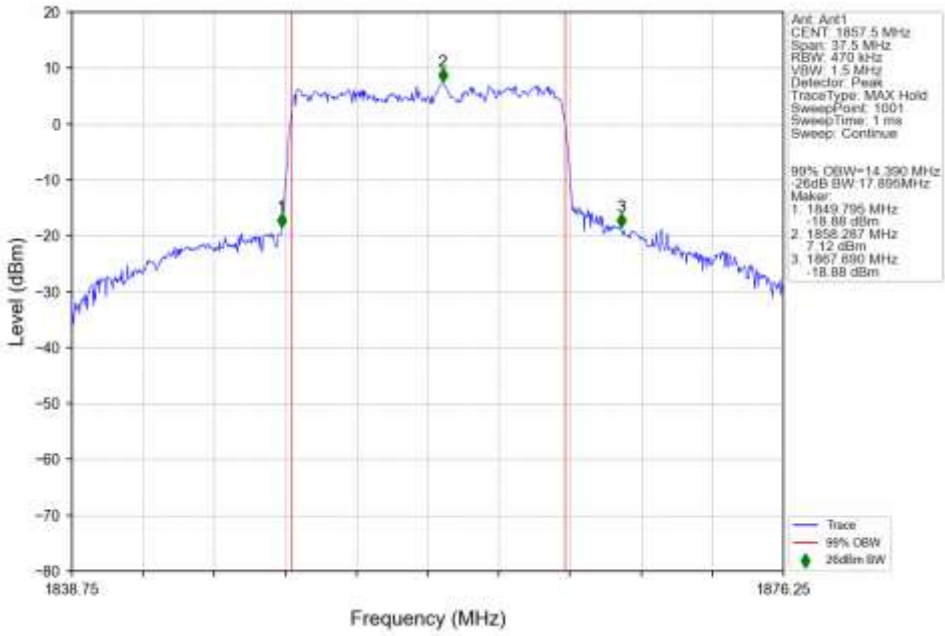
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



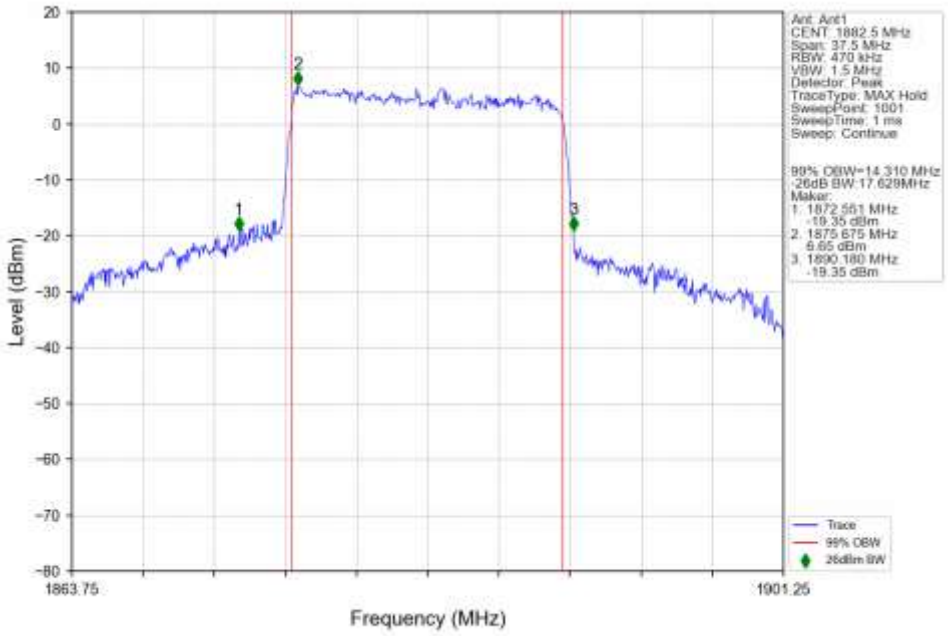
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1907.5MHz_Outer_Full_Ant1



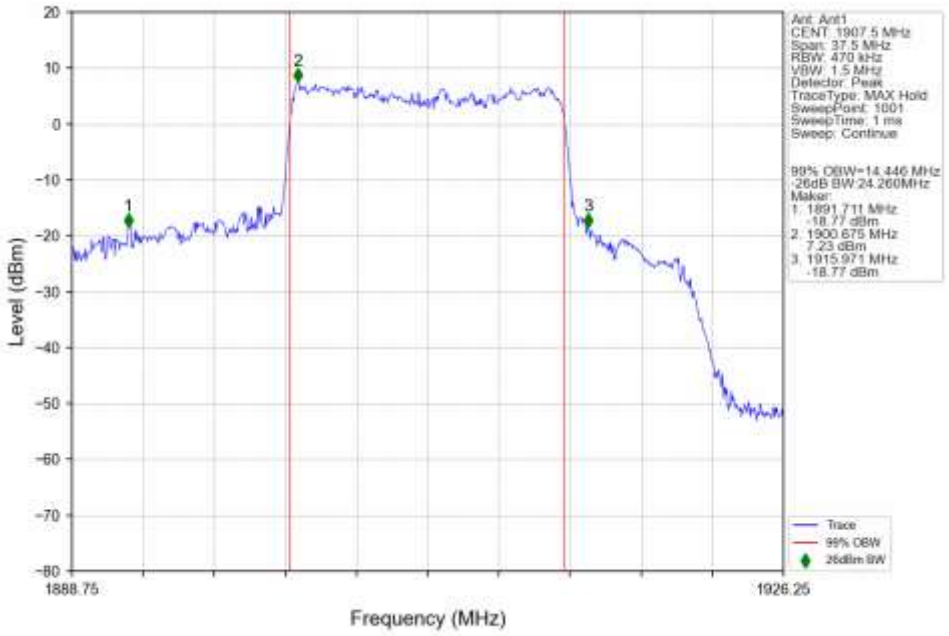
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1857.5MHz_Outer_Full_Ant1



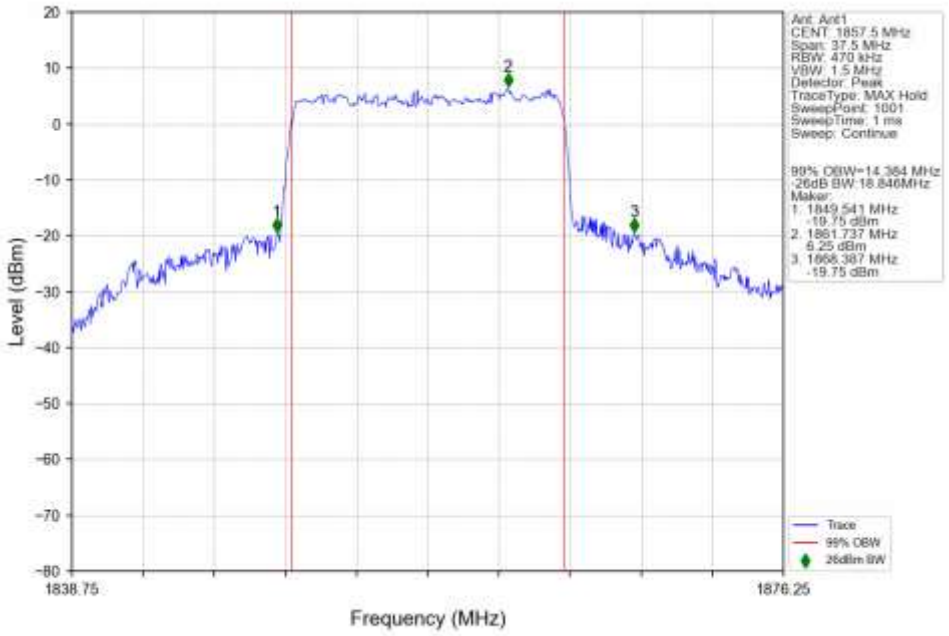
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



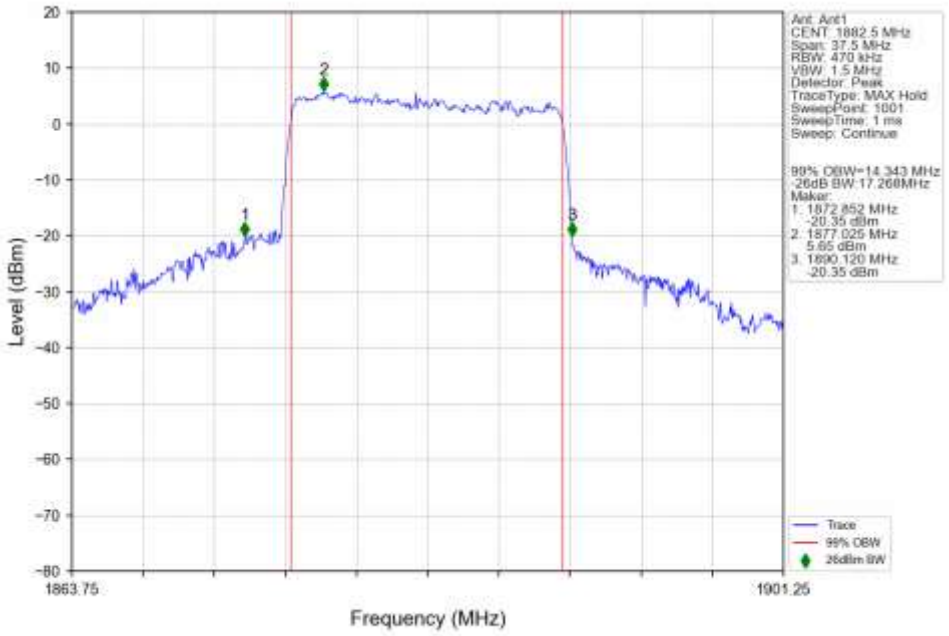
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1907.5MHz_Outer_Full_Ant1



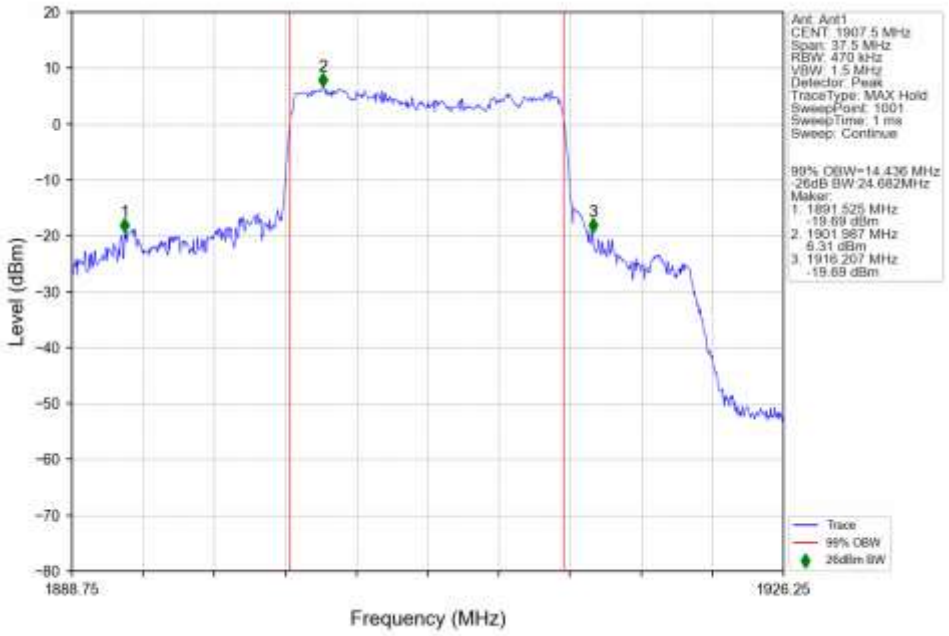
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1857.5MHz_Outer_Full_Ant1



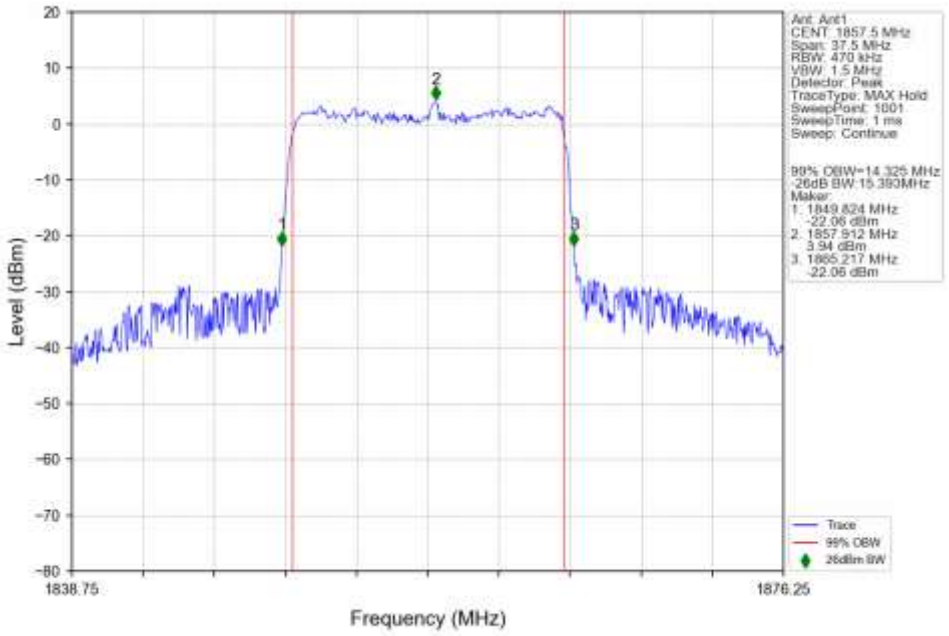
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



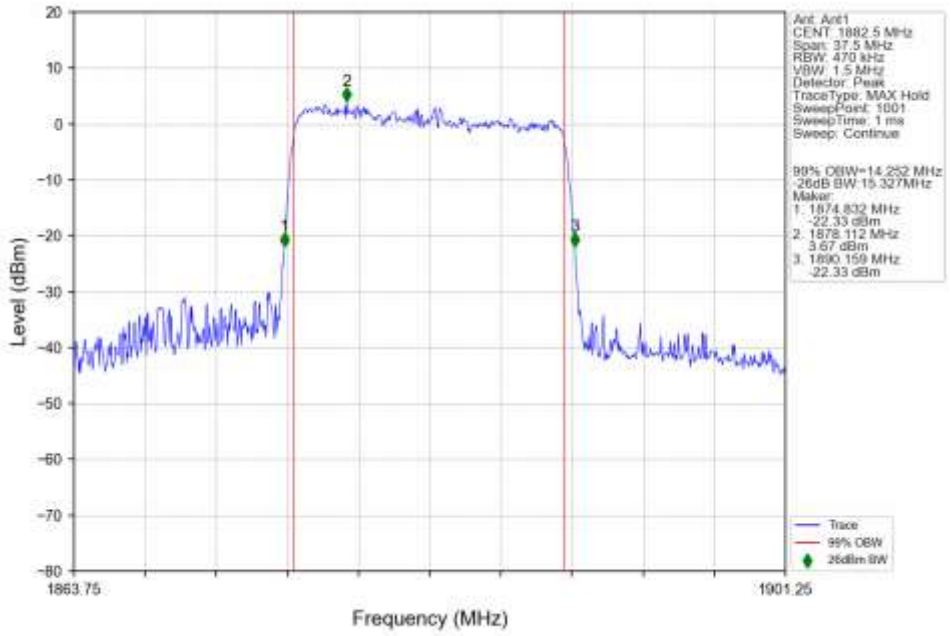
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1907.5MHz_Outer_Full_Ant1



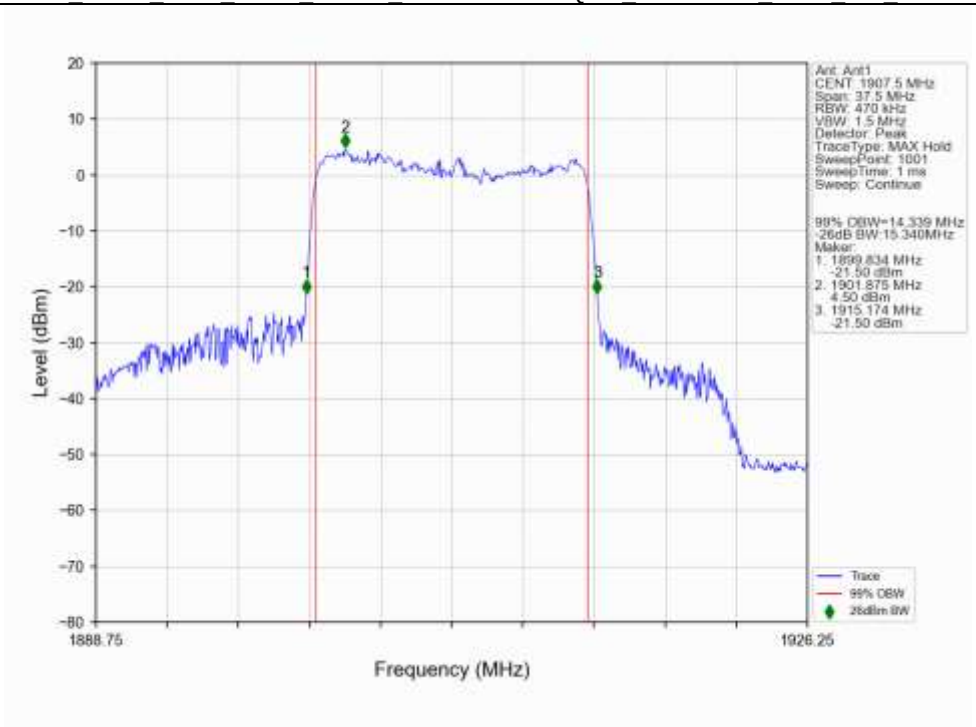
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

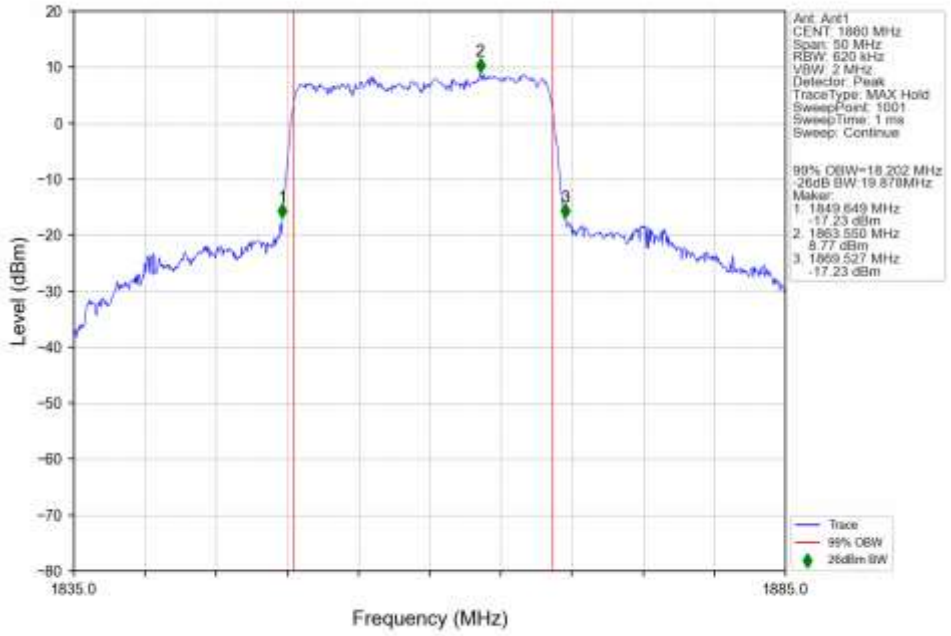


n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1907.5MHz_Outer_Full_Ant1

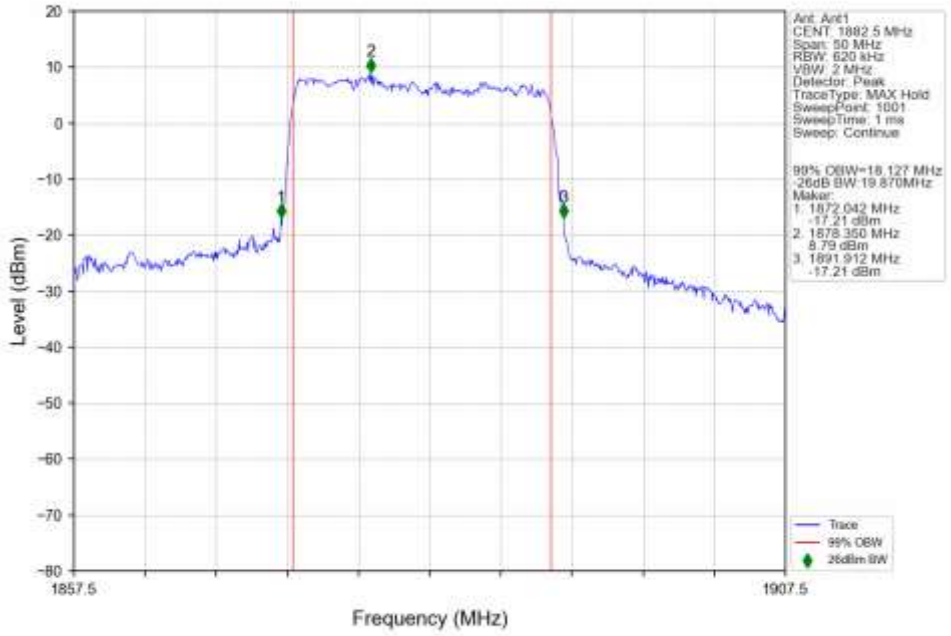


4.2.4 15k_SISO_20MHz_NTNV

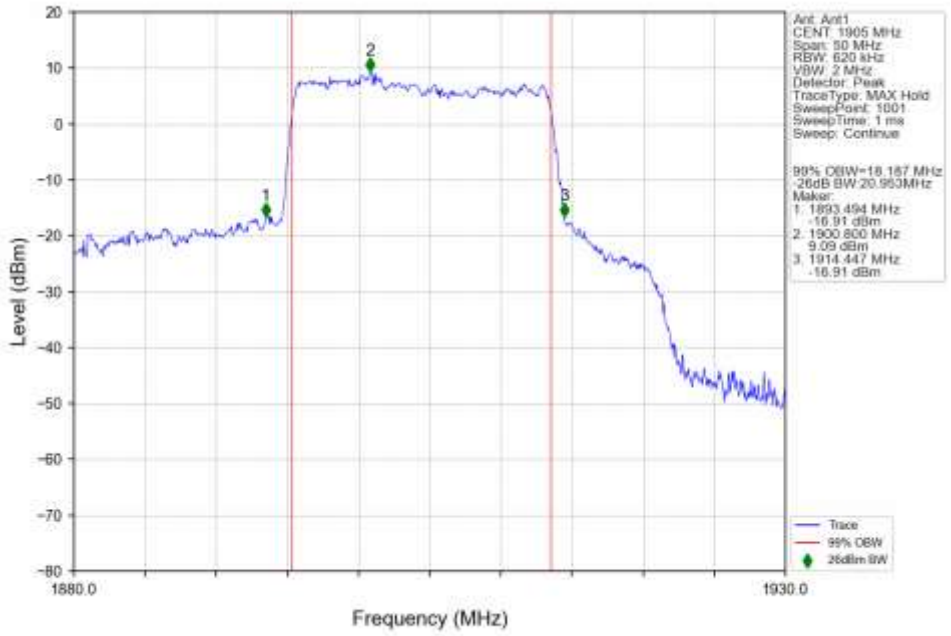
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Outer_Full_Ant1



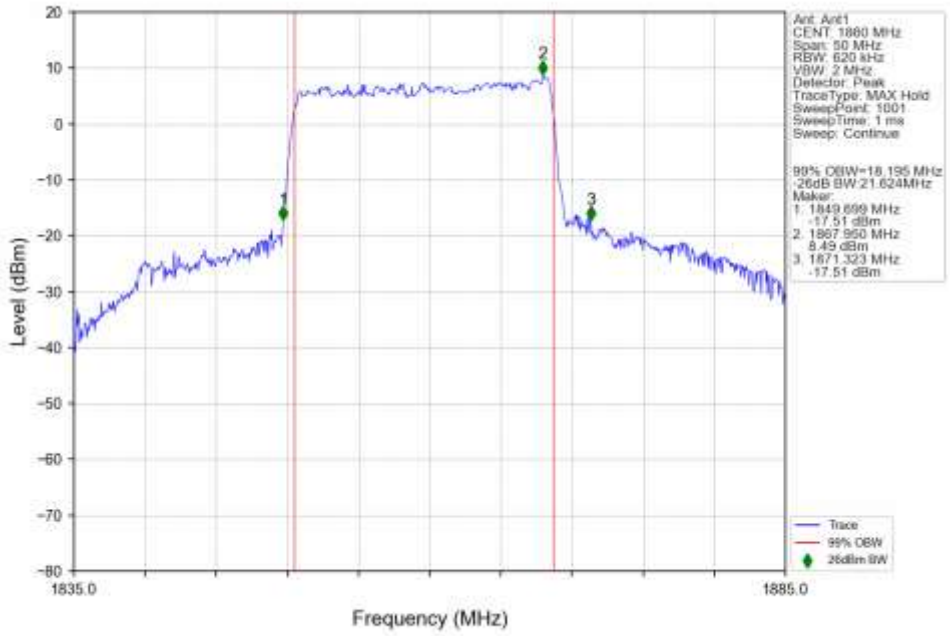
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



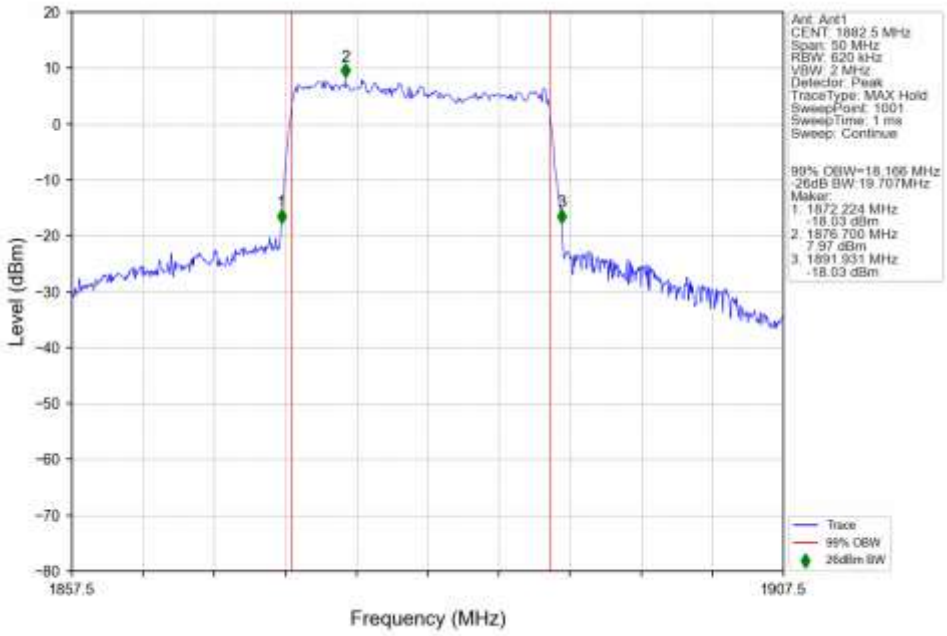
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1905MHz_Outer_Full_Ant1



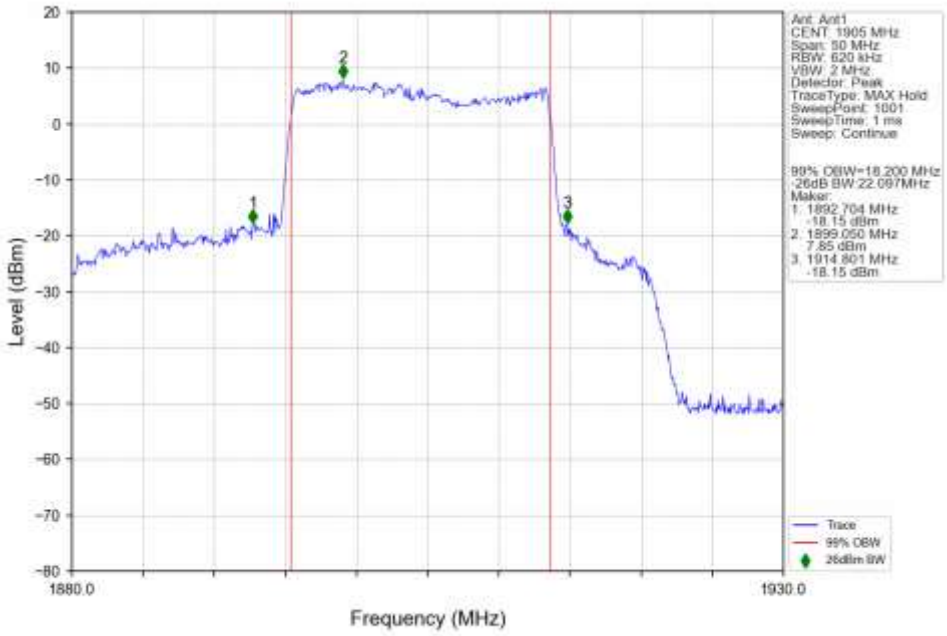
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1860MHz_Outer_Full_Ant1



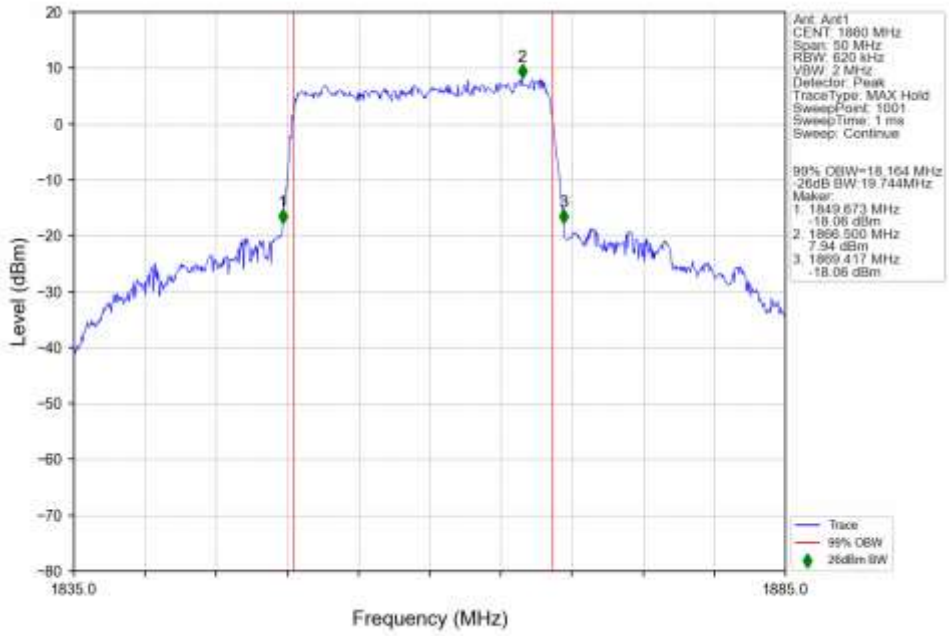
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



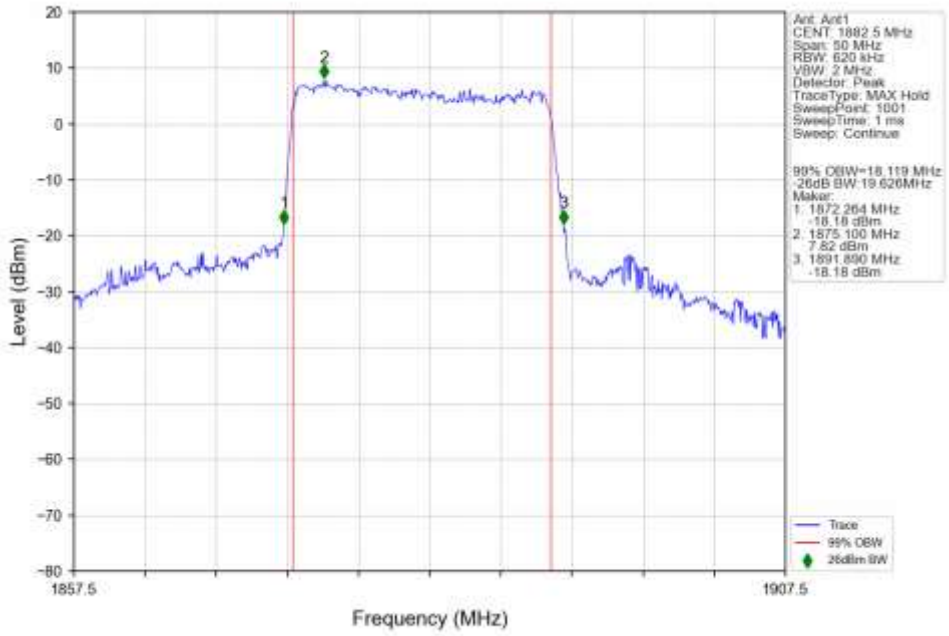
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1905MHz_Outer_Full_Ant1



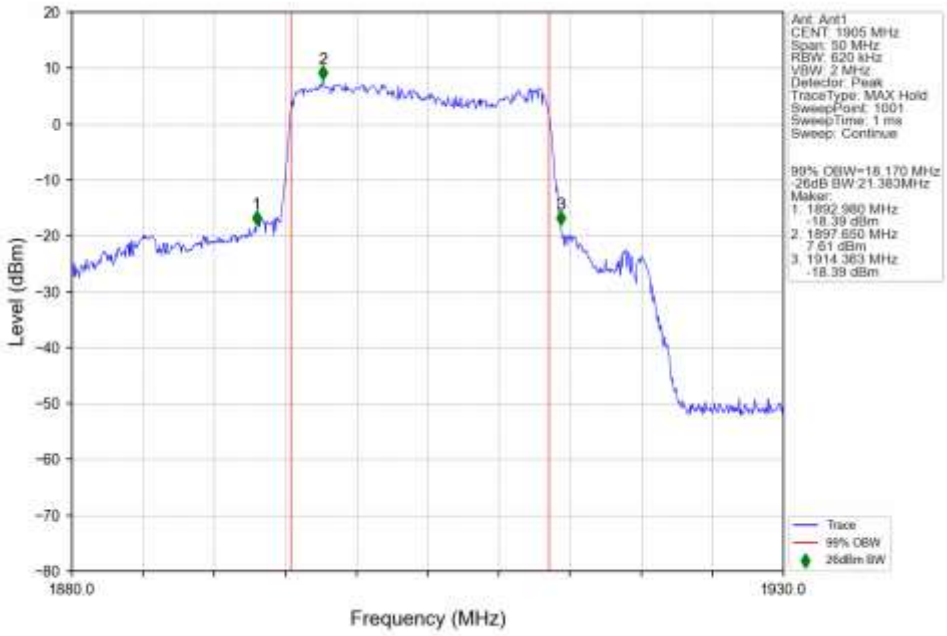
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1860MHz_Outer_Full_Ant1



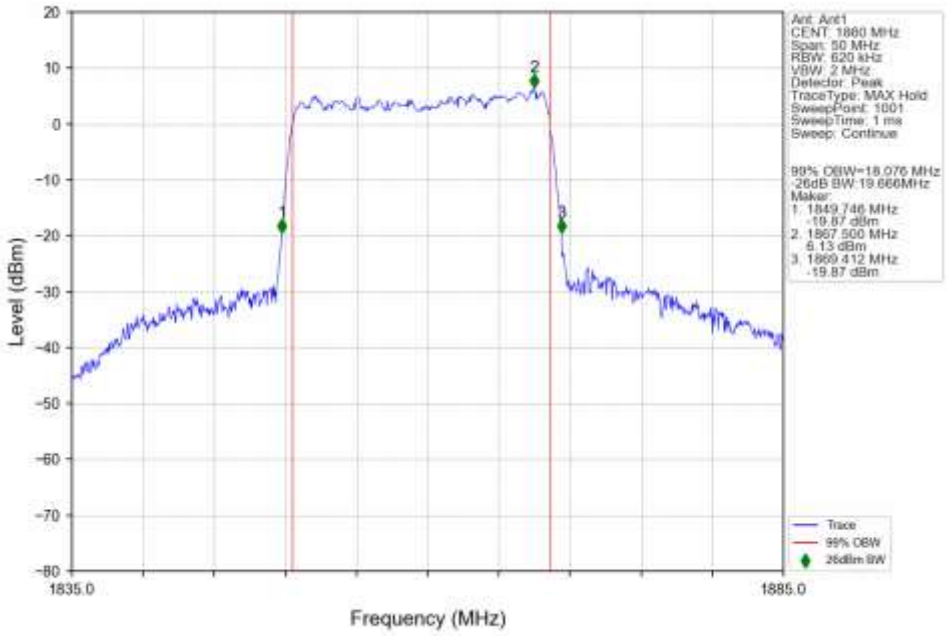
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



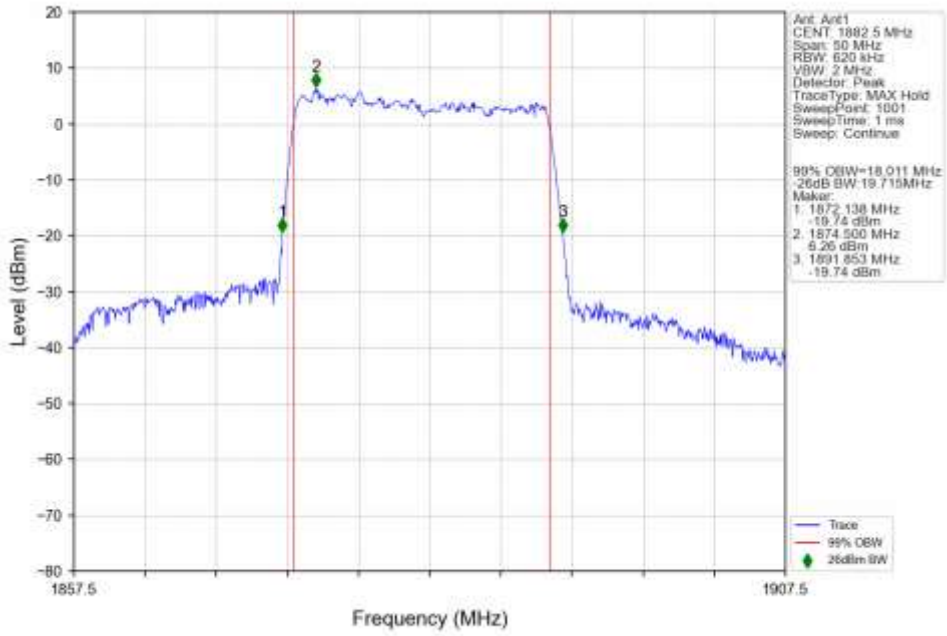
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1905MHz_Outer_Full_Ant1



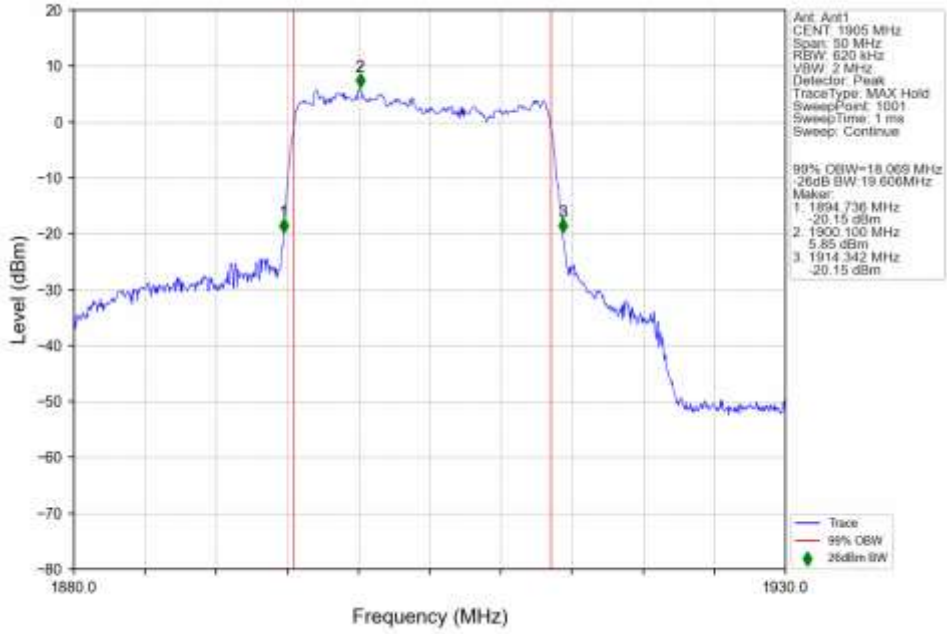
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1860MHz_Outer_Full_Ant1



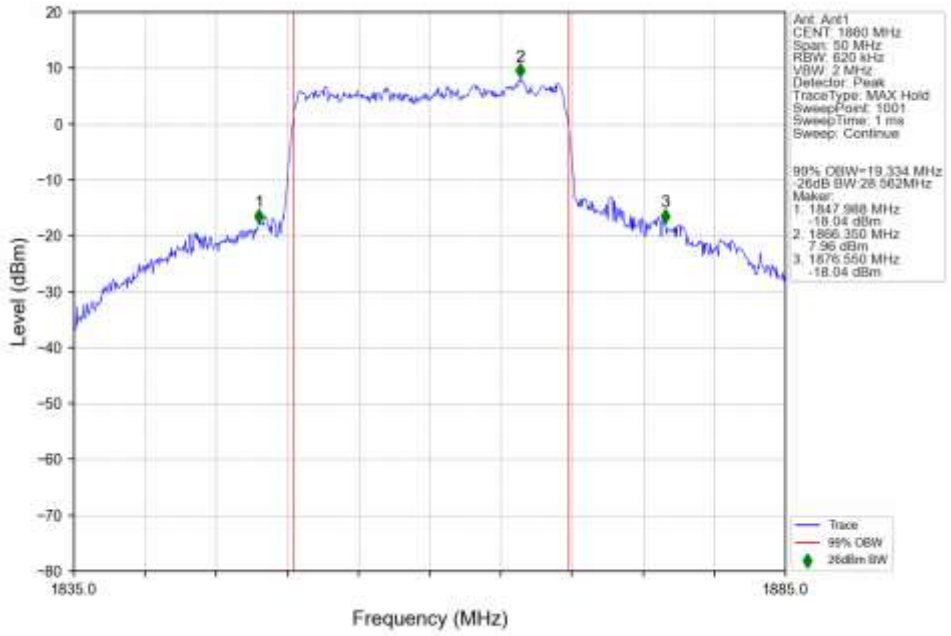
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



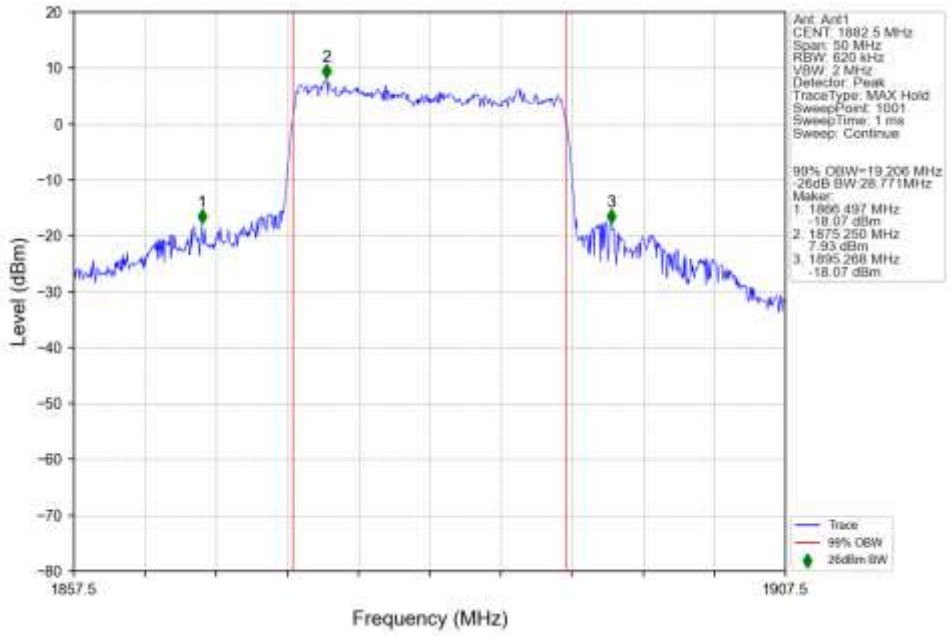
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1905MHz_Outer_Full_Ant1



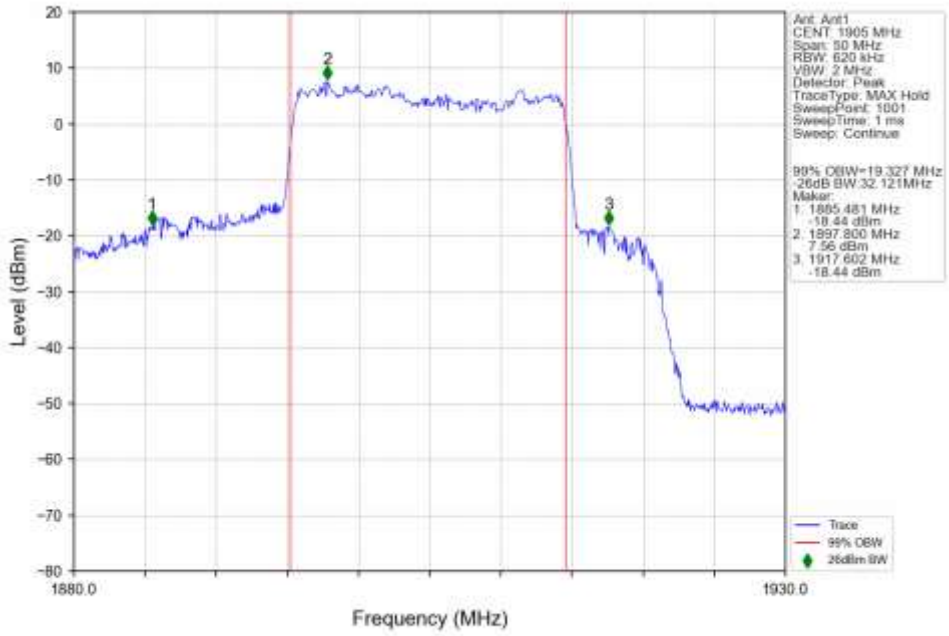
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1860MHz_Outer_Full_Ant1



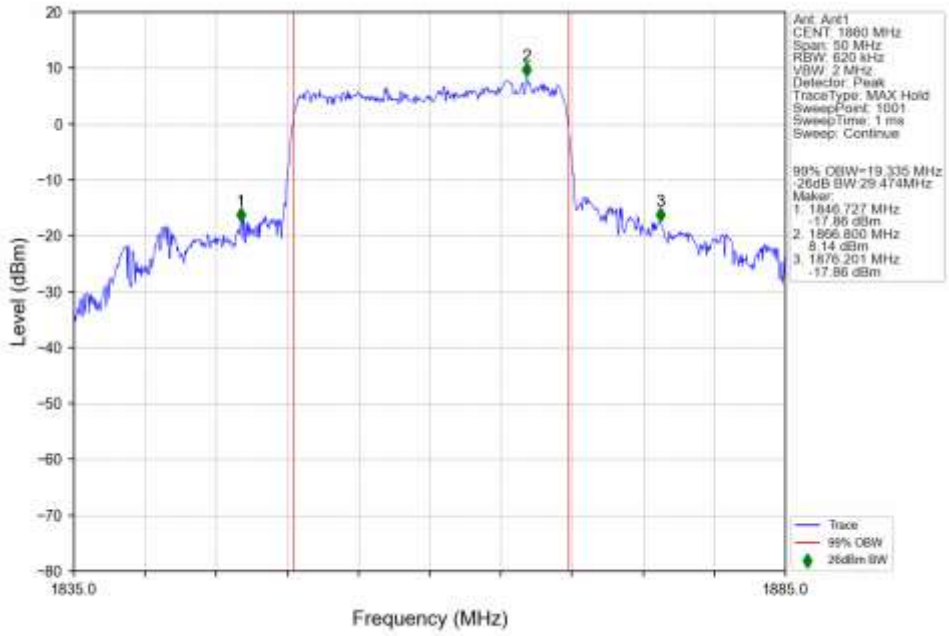
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



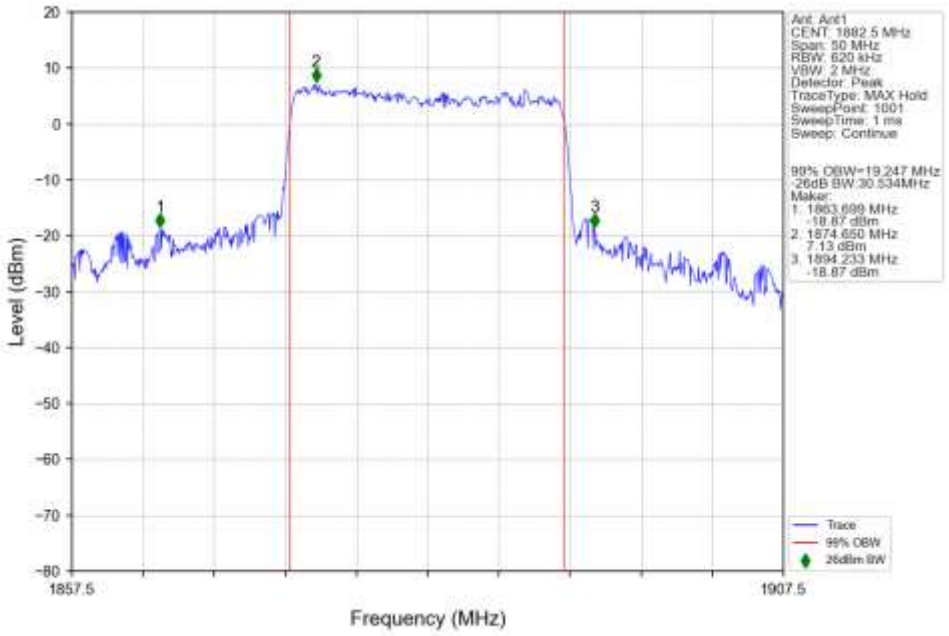
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1905MHz_Outer_Full_Ant1



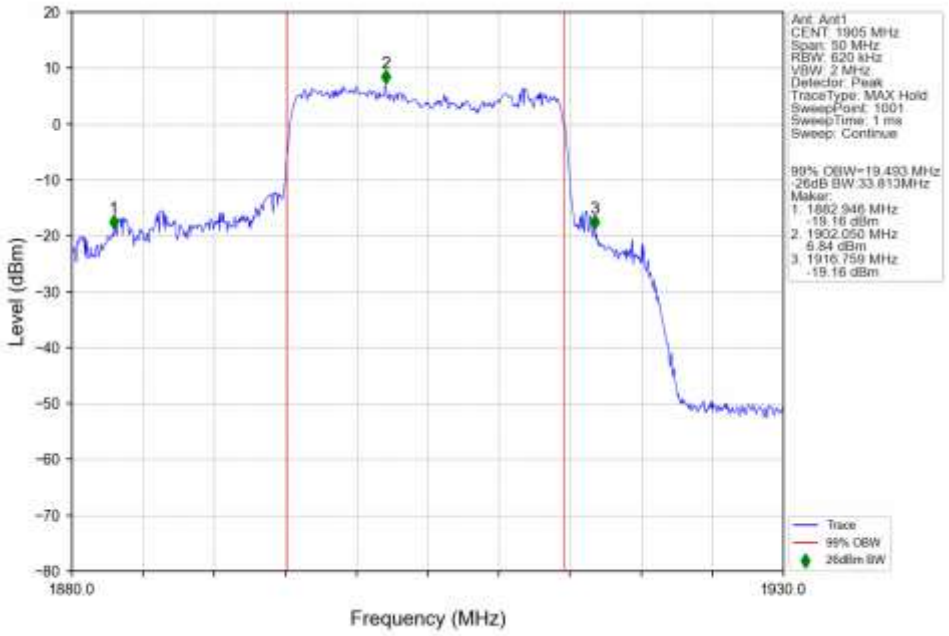
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1860MHz_Outer_Full_Ant1



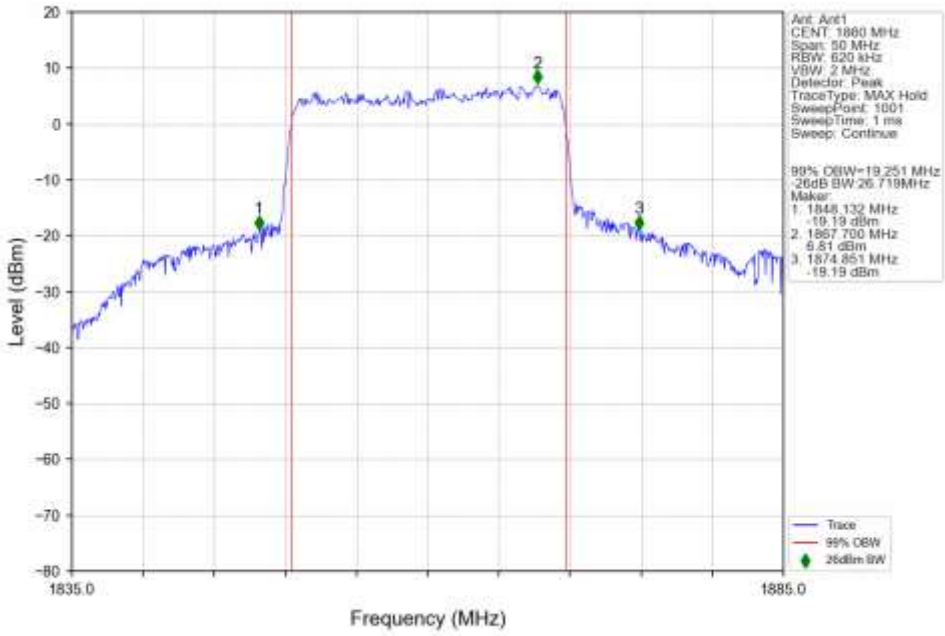
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



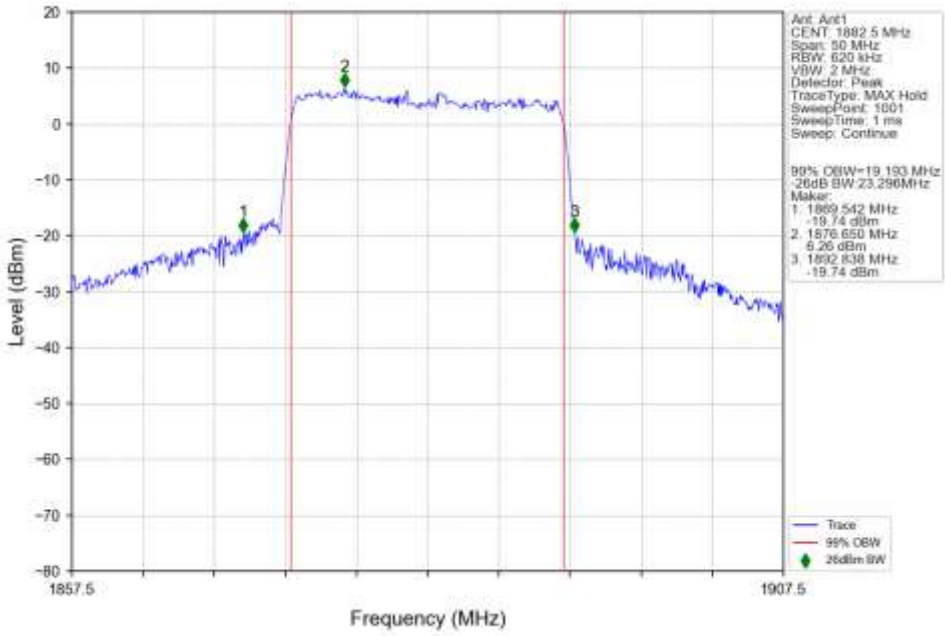
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1905MHz_Outer_Full_Ant1



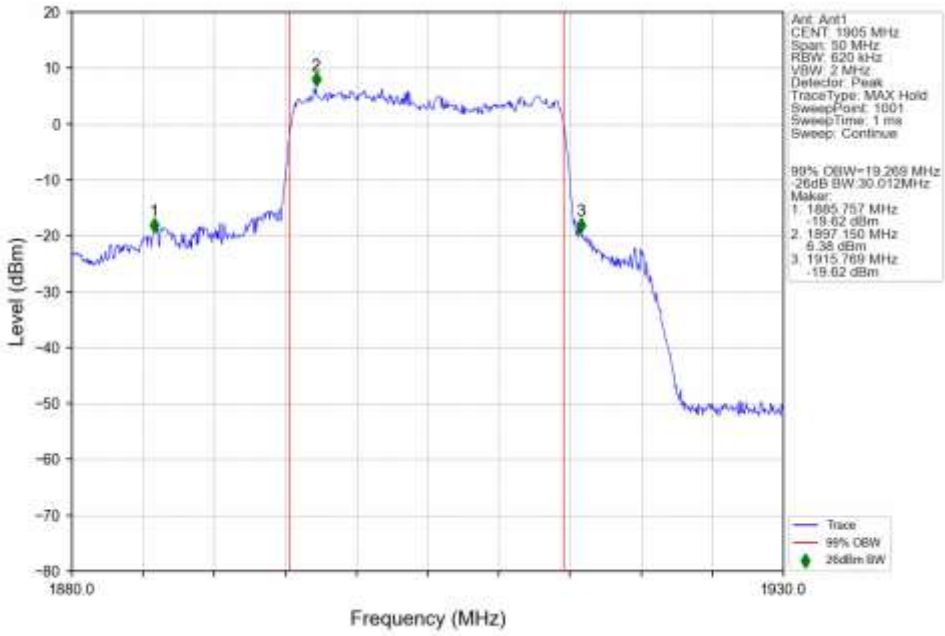
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1860MHz_Outer_Full_Ant1



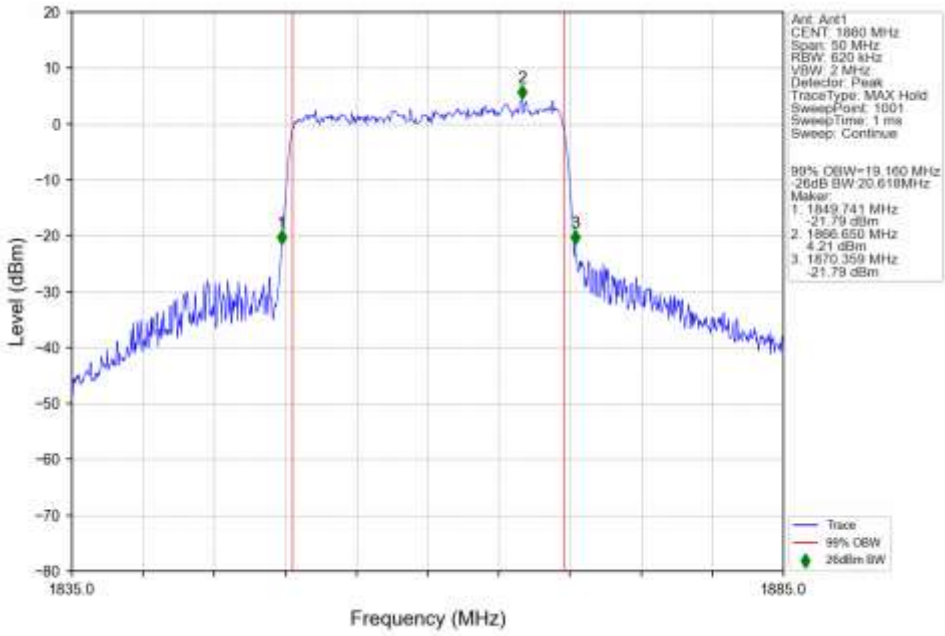
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



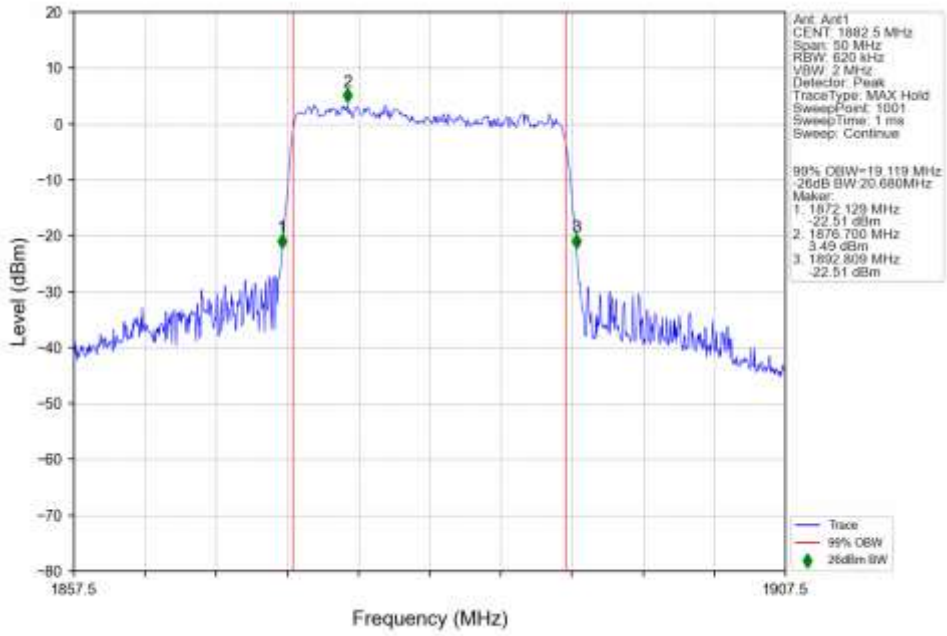
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1905MHz_Outer_Full_Ant1



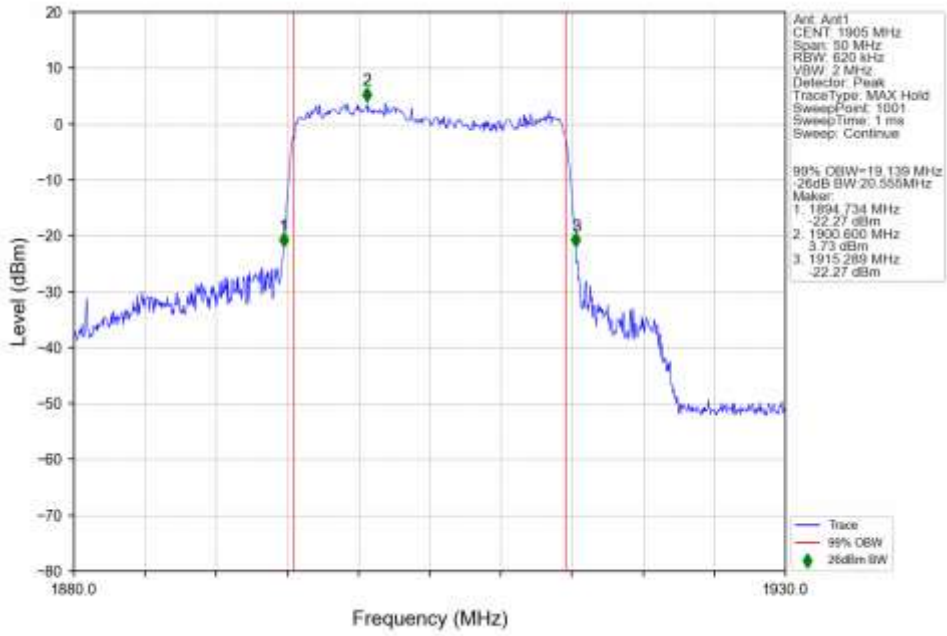
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1860MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

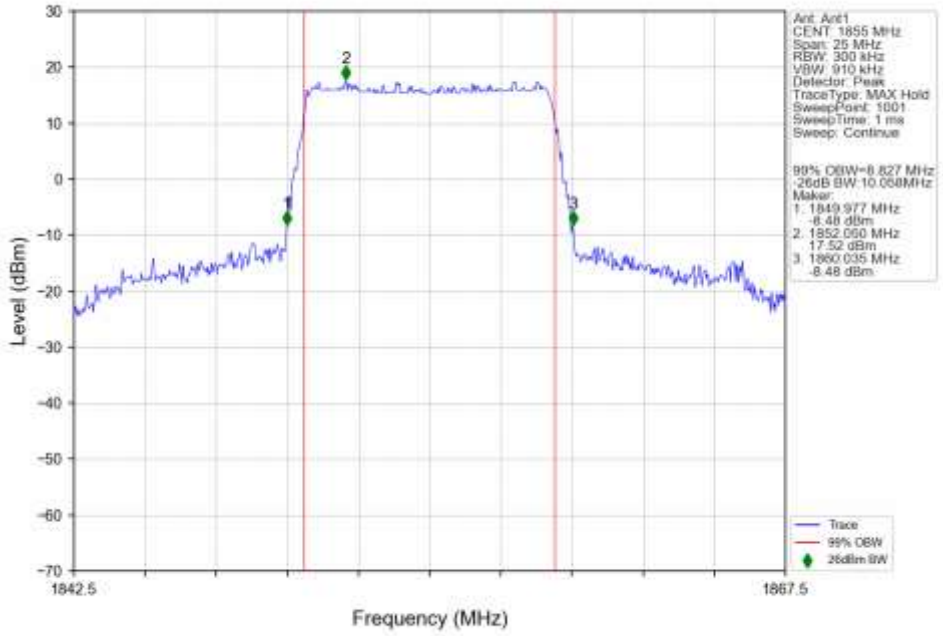


n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1905MHz_Outer_Full_Ant1

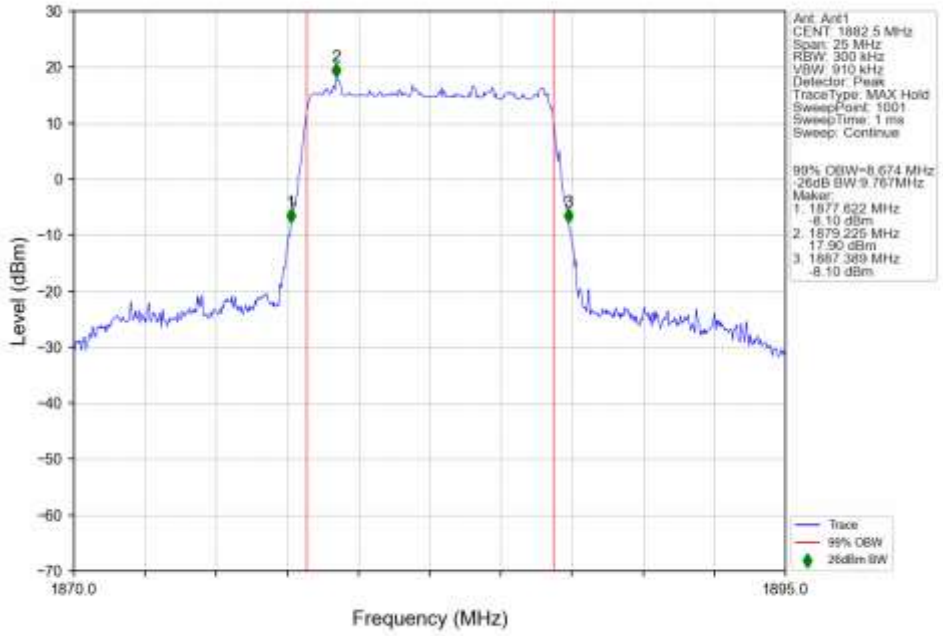


4.2.5 30k_SISO_10MHz_NTNV

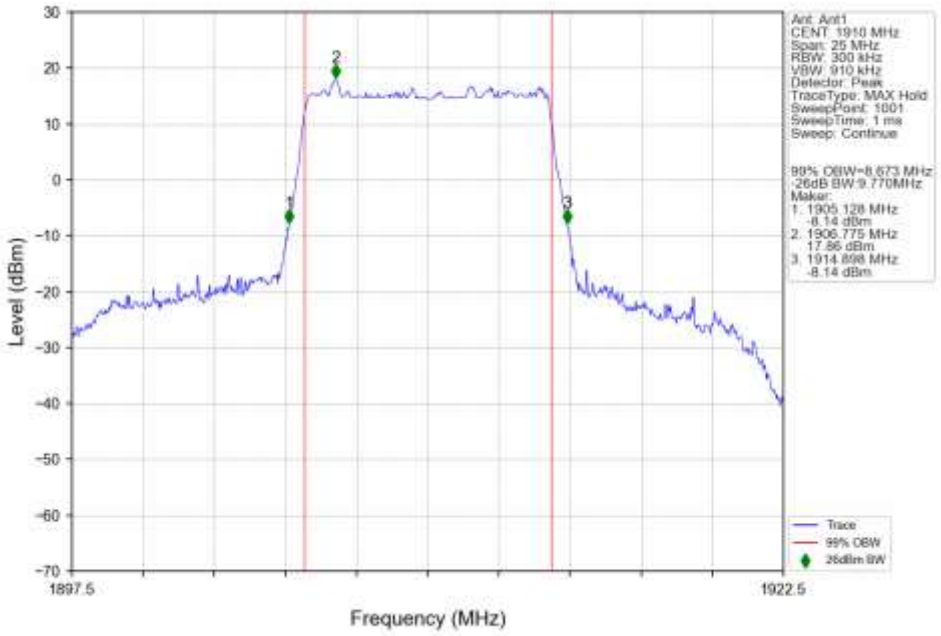
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full_Ant1



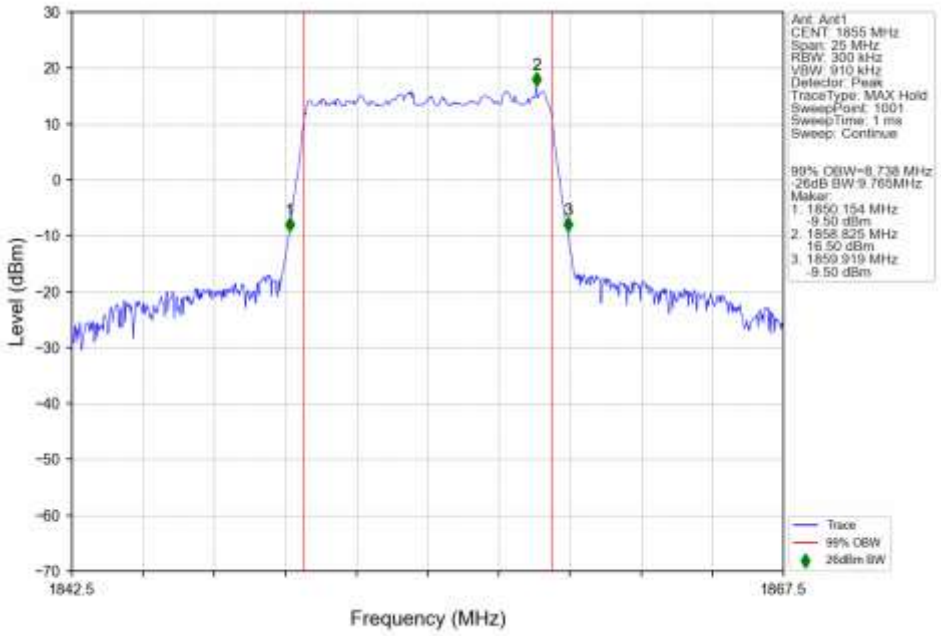
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



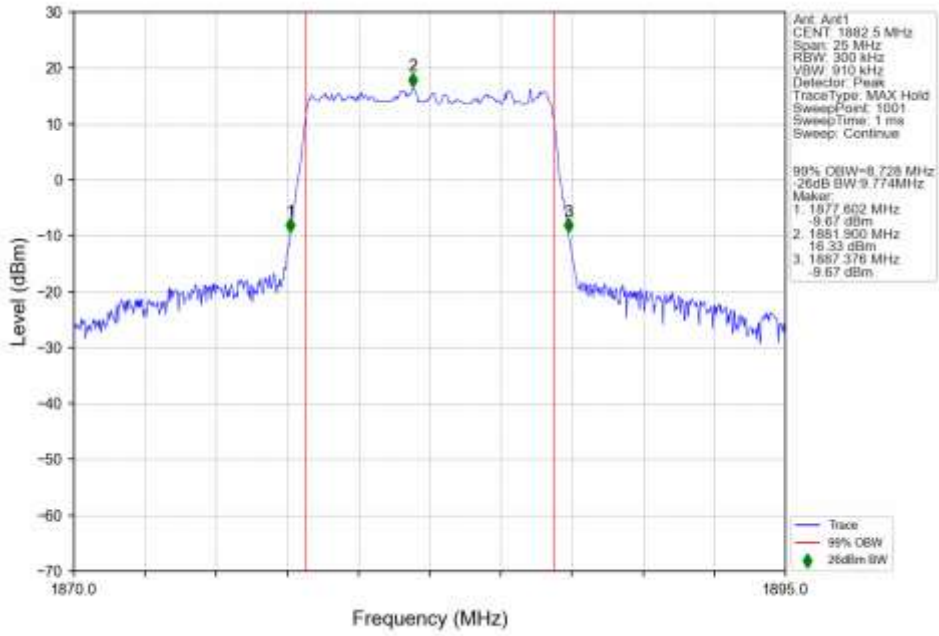
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Outer_Full_Ant1



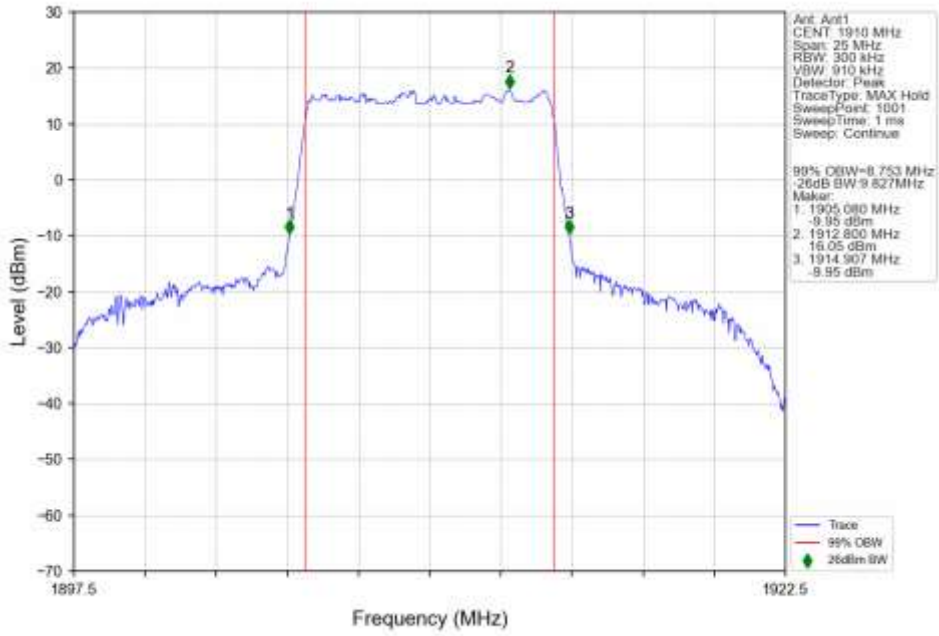
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1855MHz_Outer_Full_Ant1



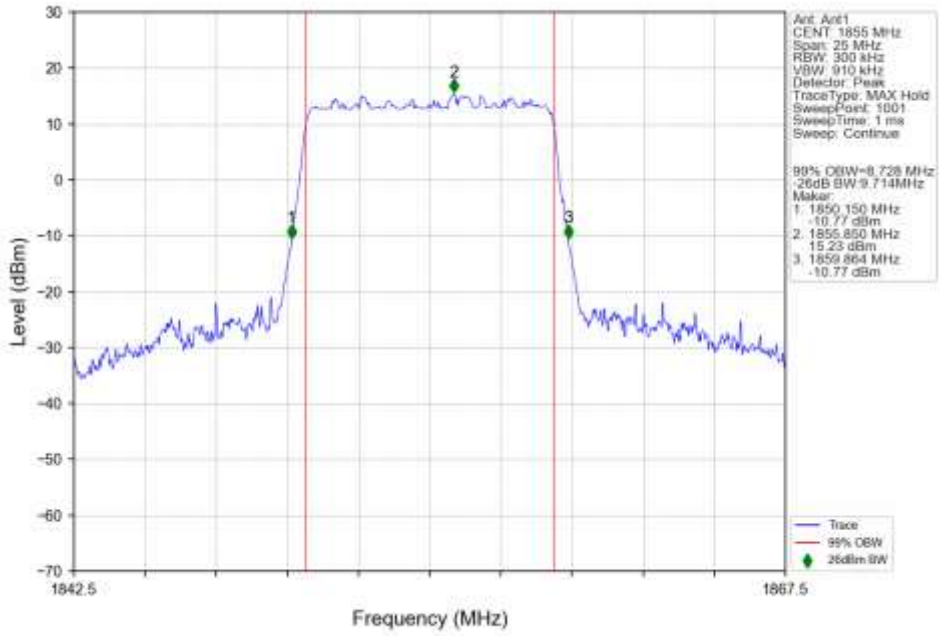
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



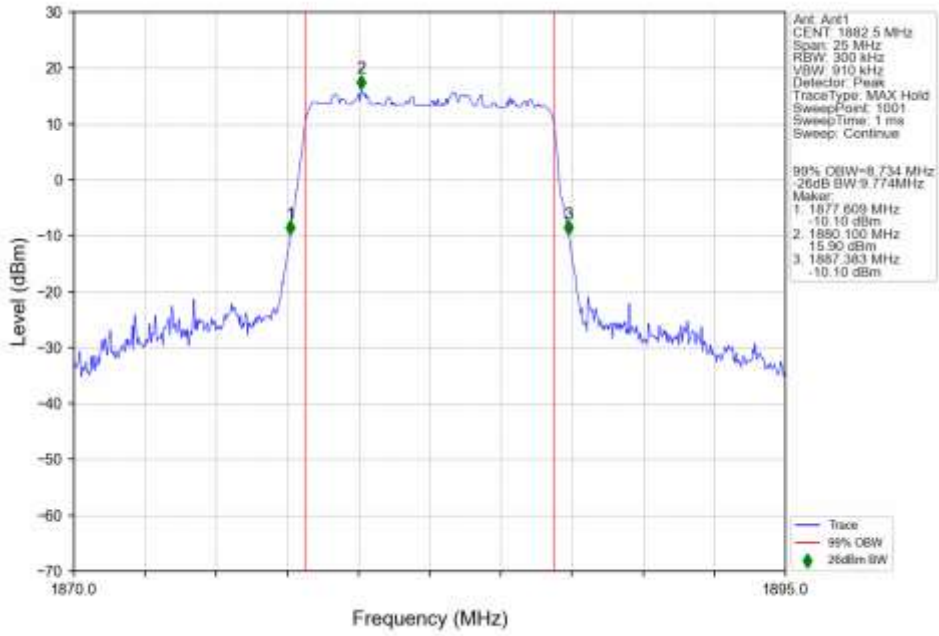
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1910MHz_Outer_Full_Ant1



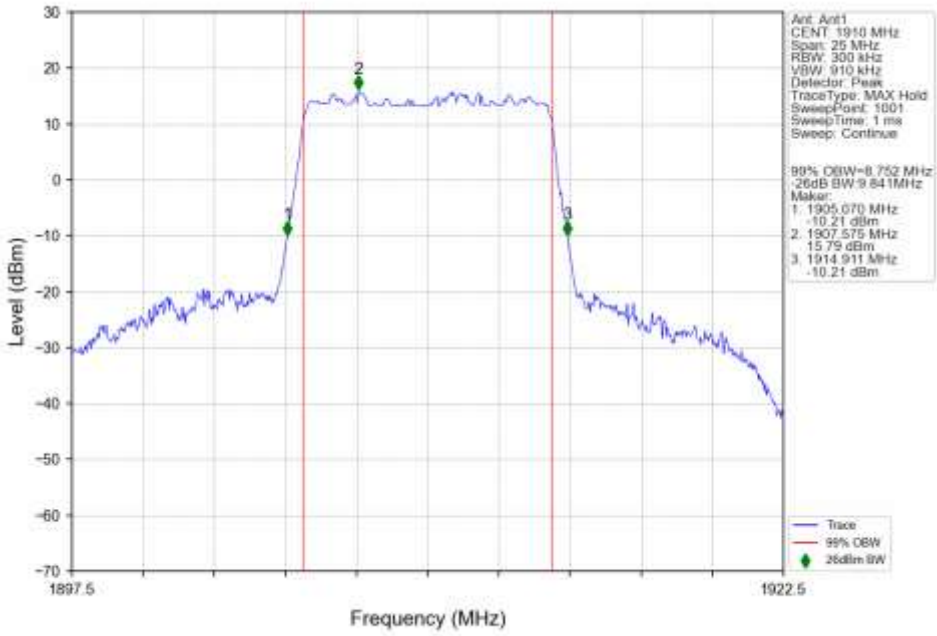
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1855MHz_Outer_Full_Ant1



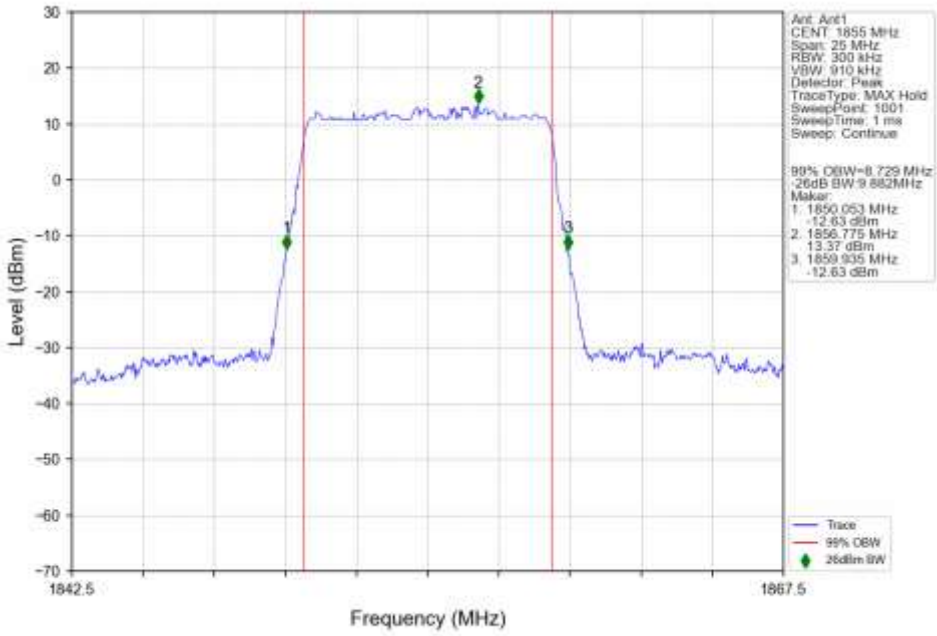
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



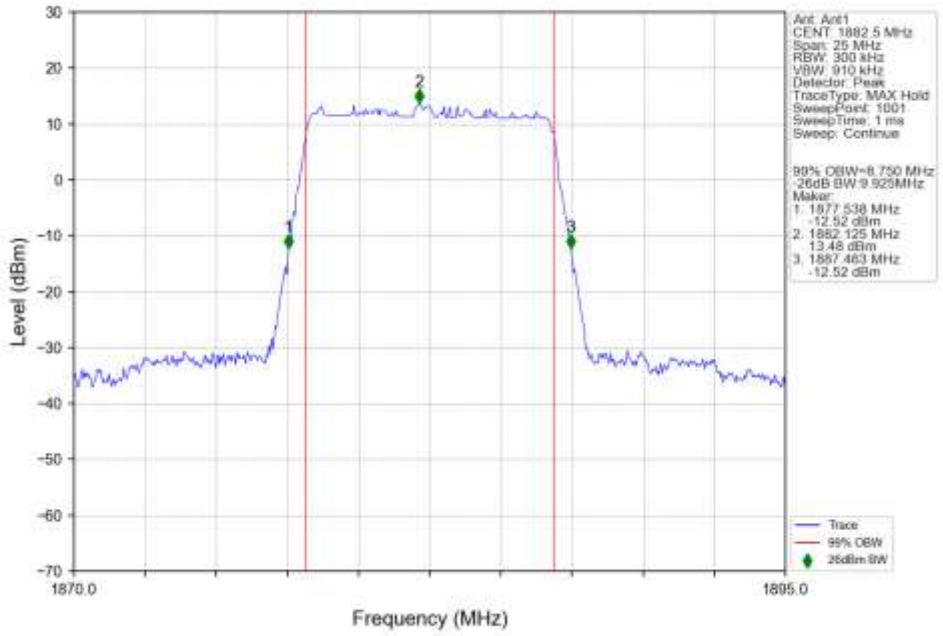
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1910MHz_Outer_Full_Ant1



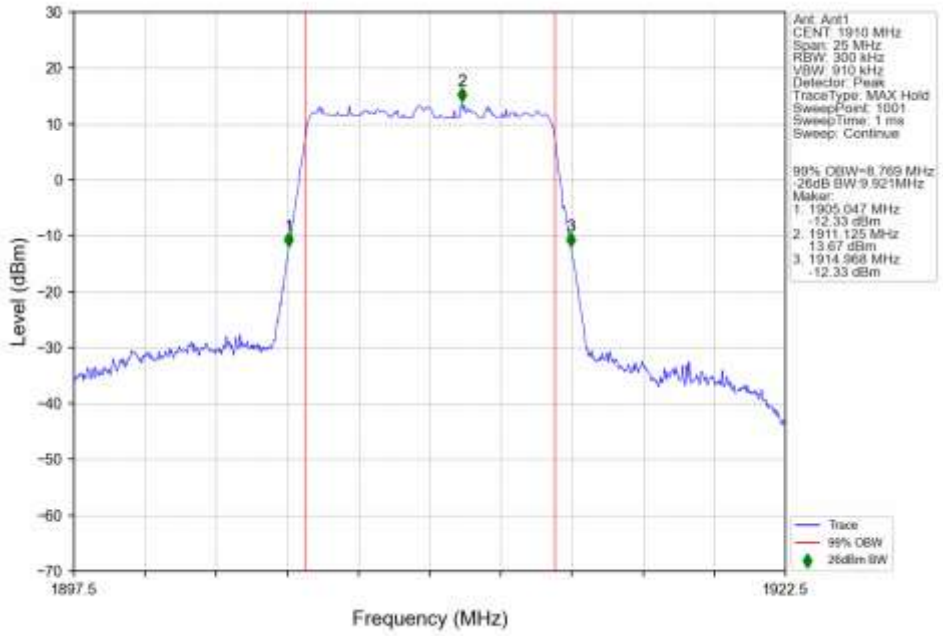
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full_Ant1



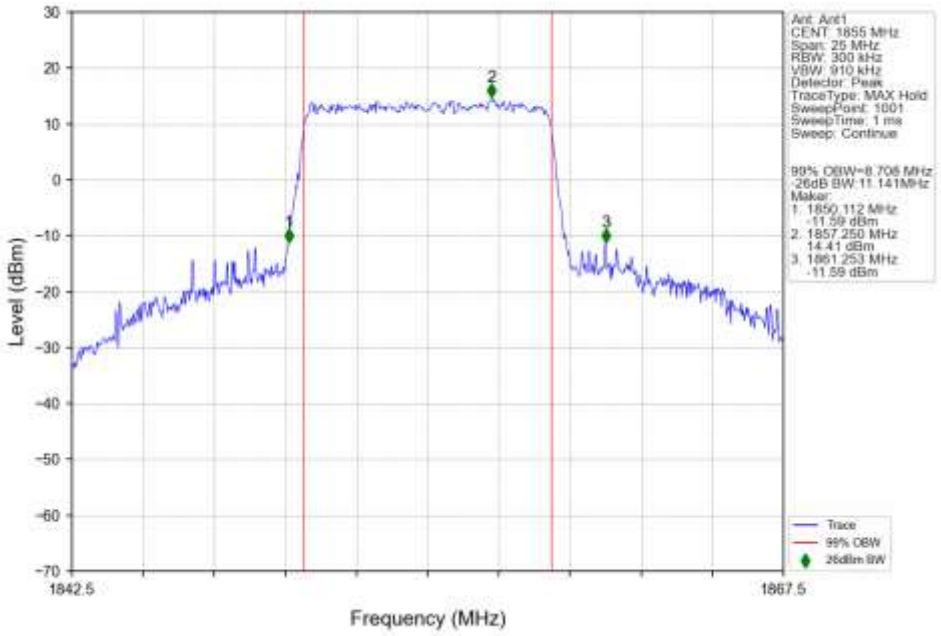
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



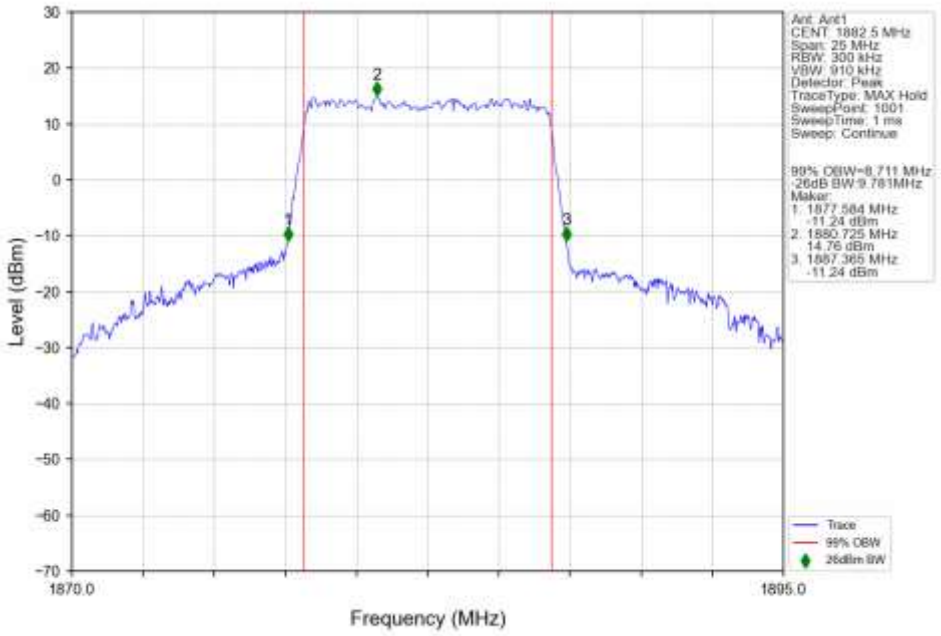
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1910MHz_Outer_Full_Ant1



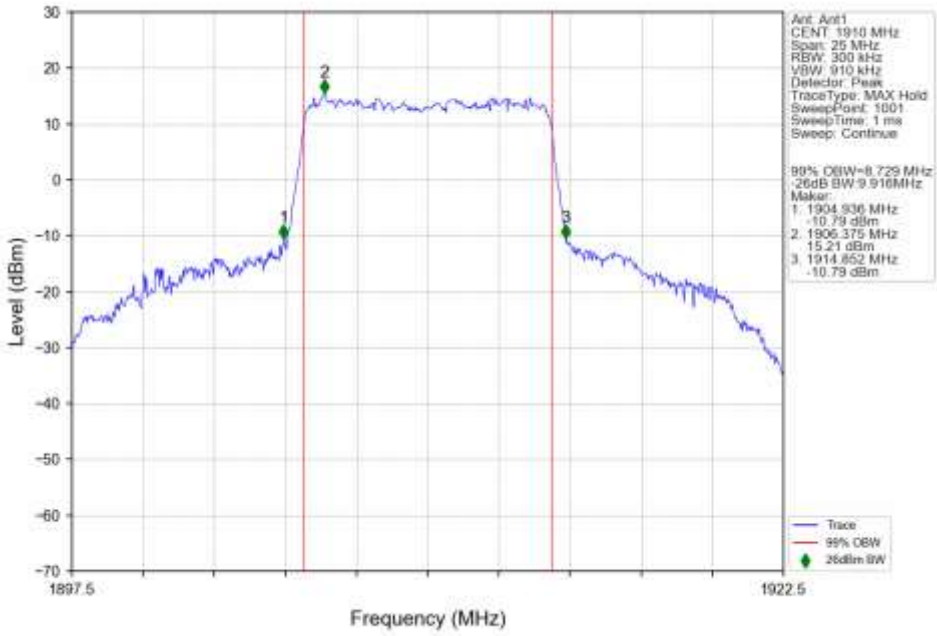
n25_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full_Ant1



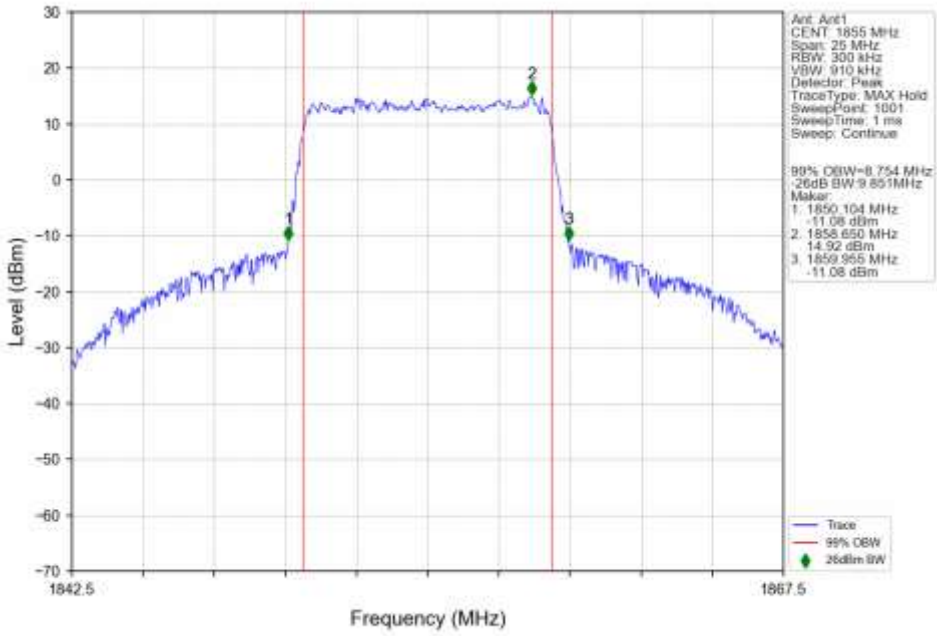
n25_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



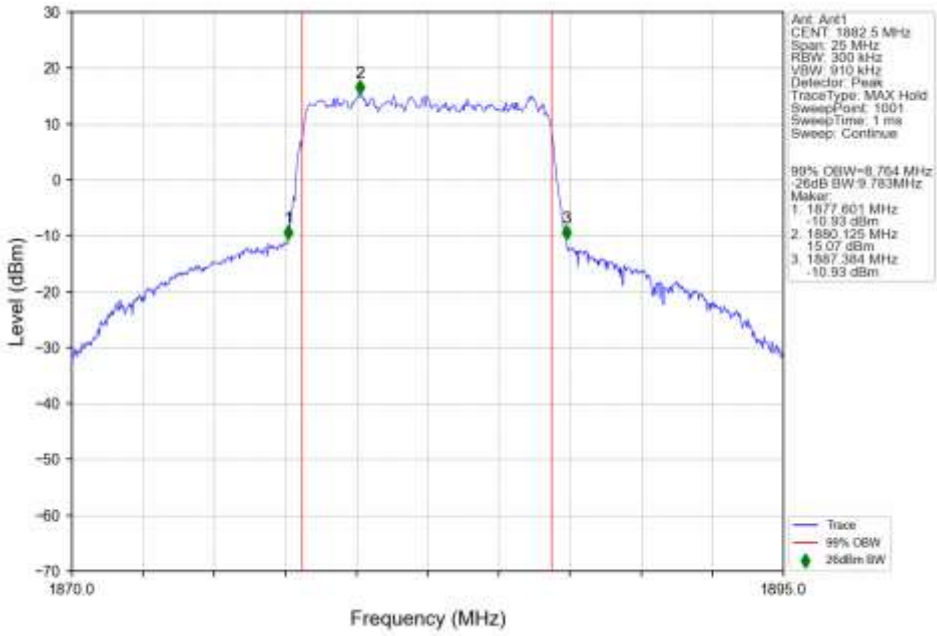
n25_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1910MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1855MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



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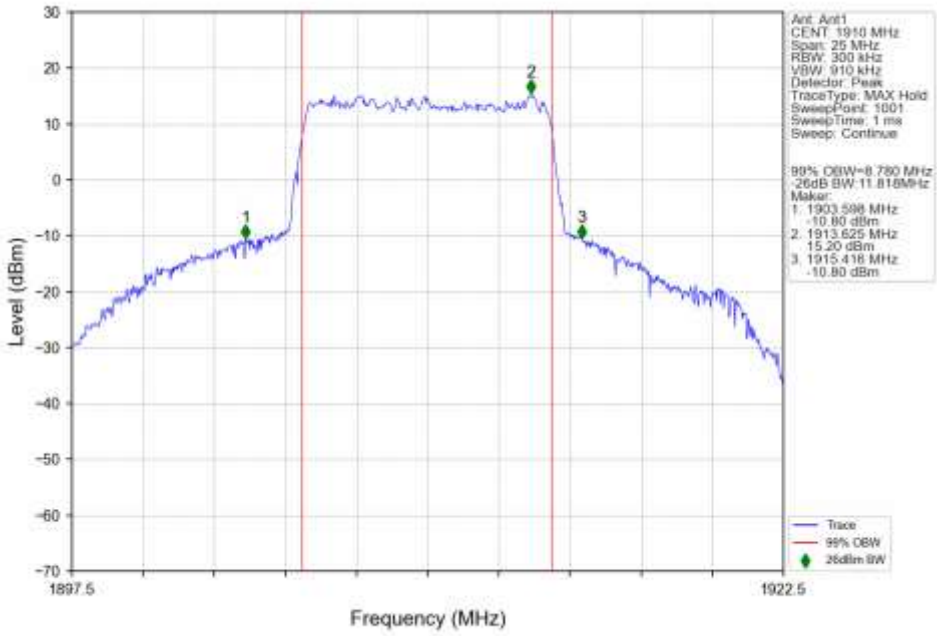

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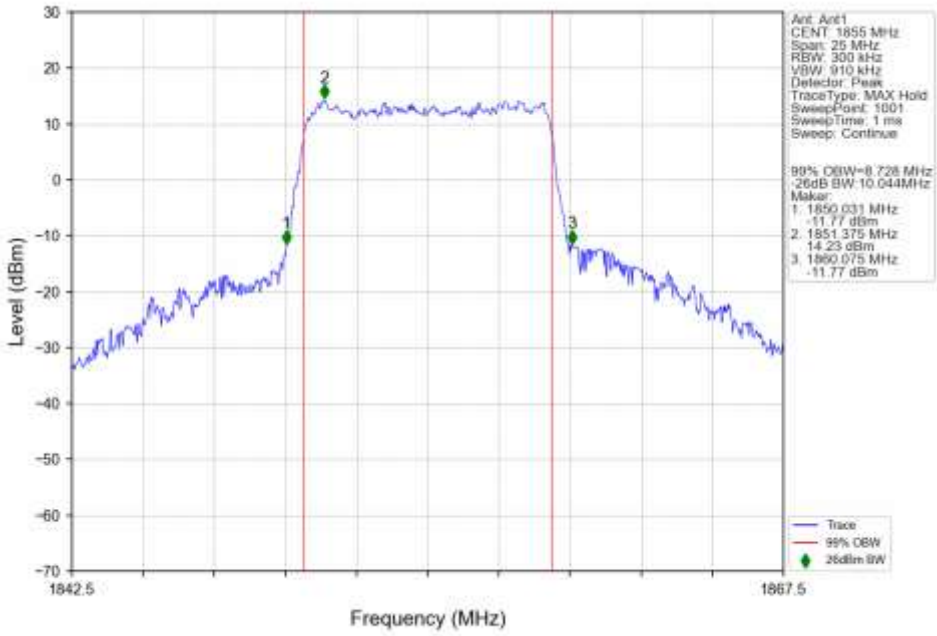
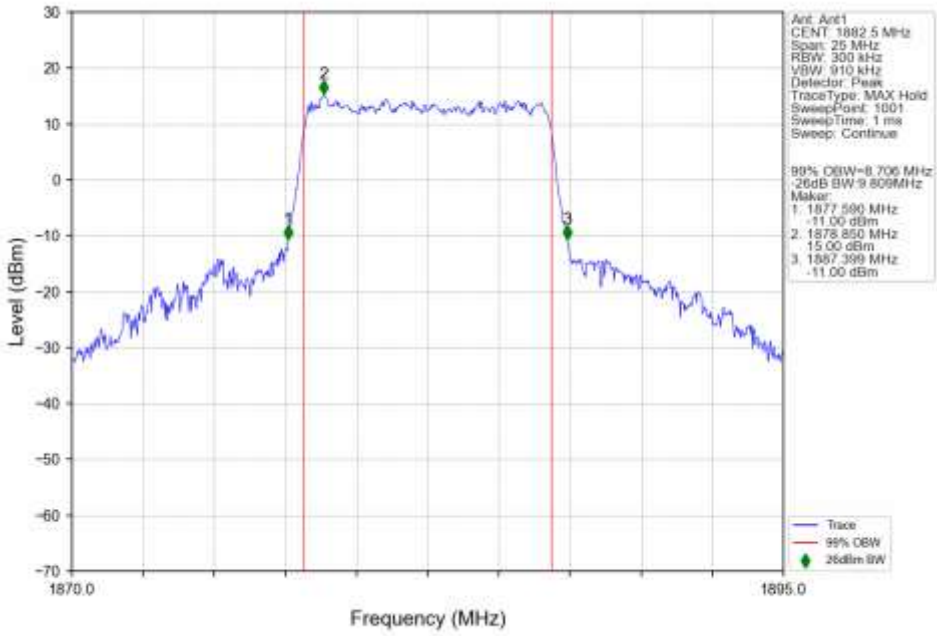
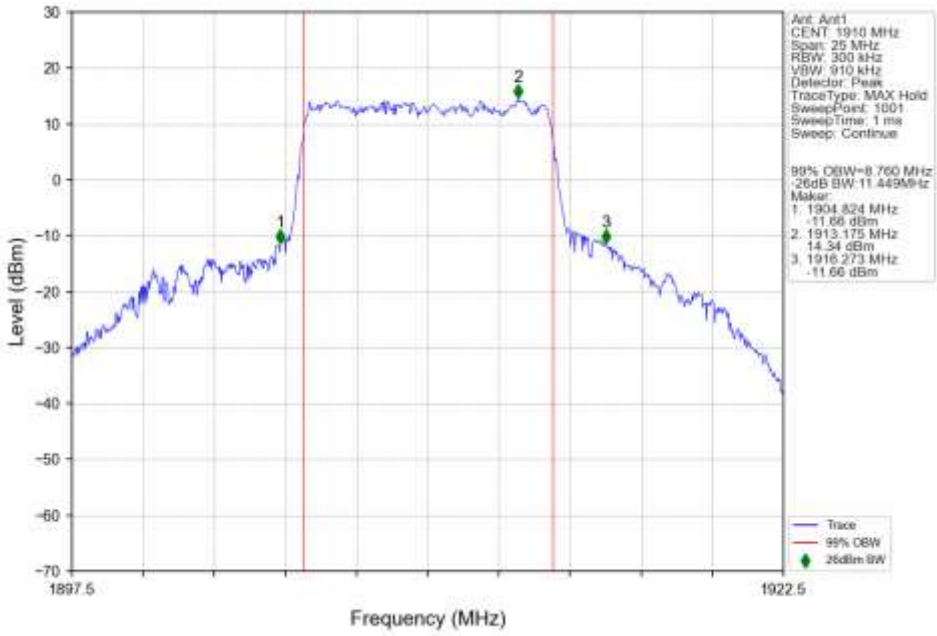


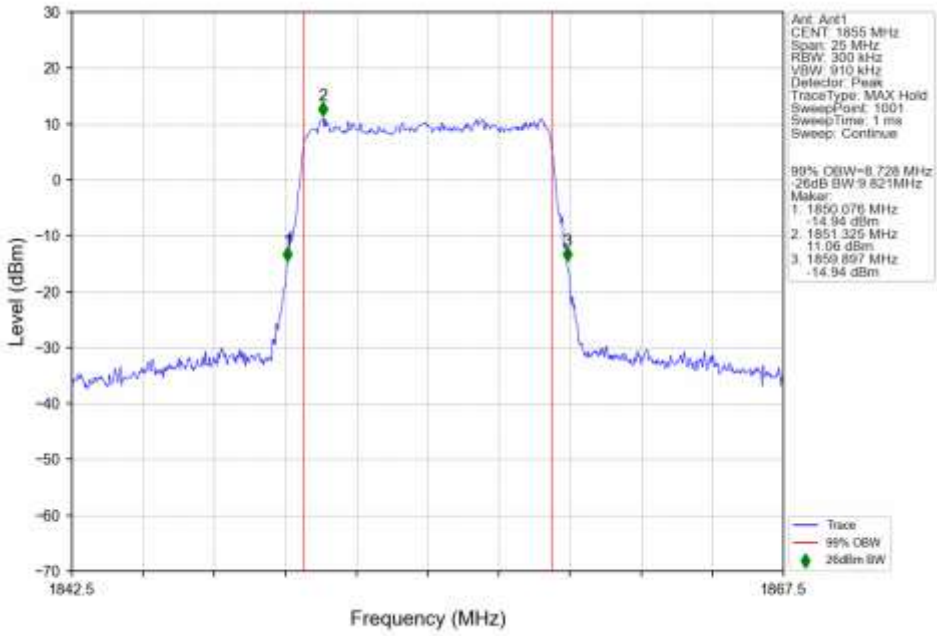
n25_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1910MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1855MHz_Outer_Full_Ant1



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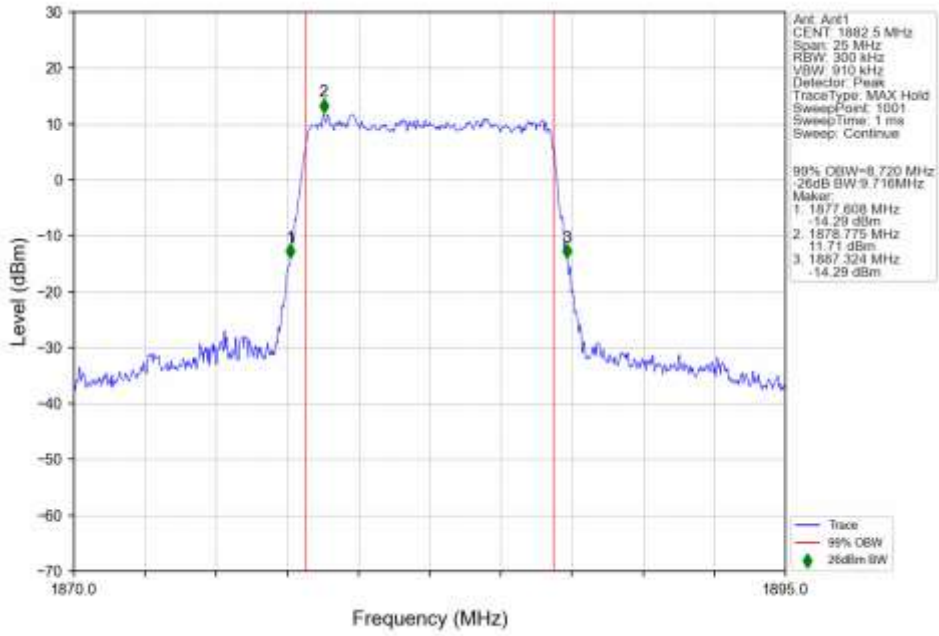
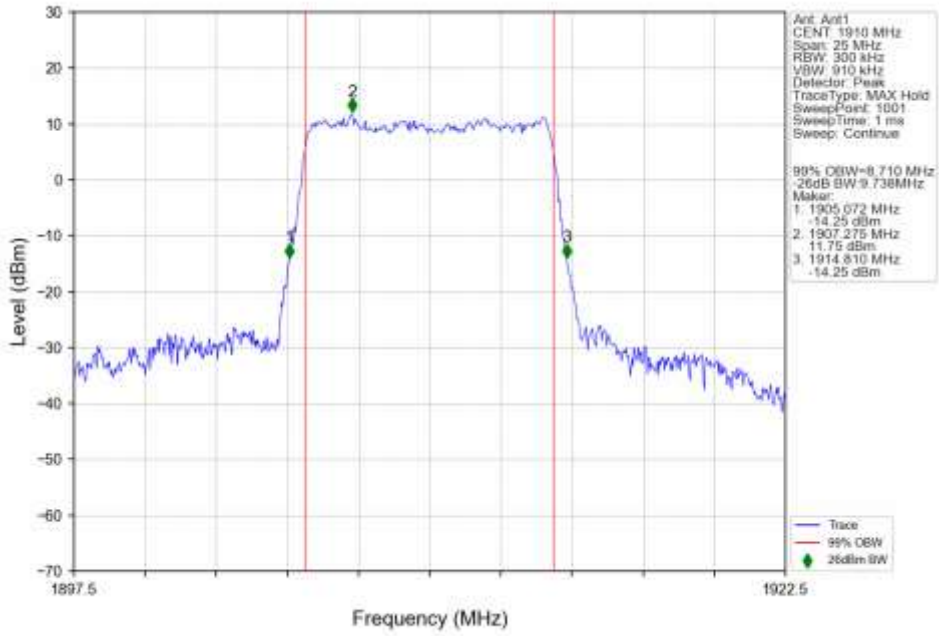
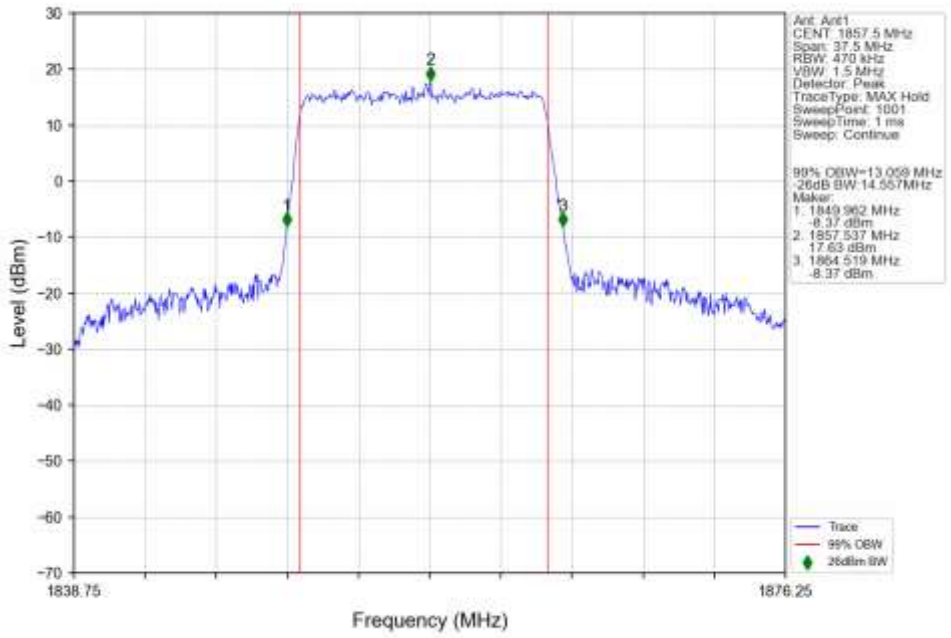


n25_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1910MHz_Outer_Full_Ant1

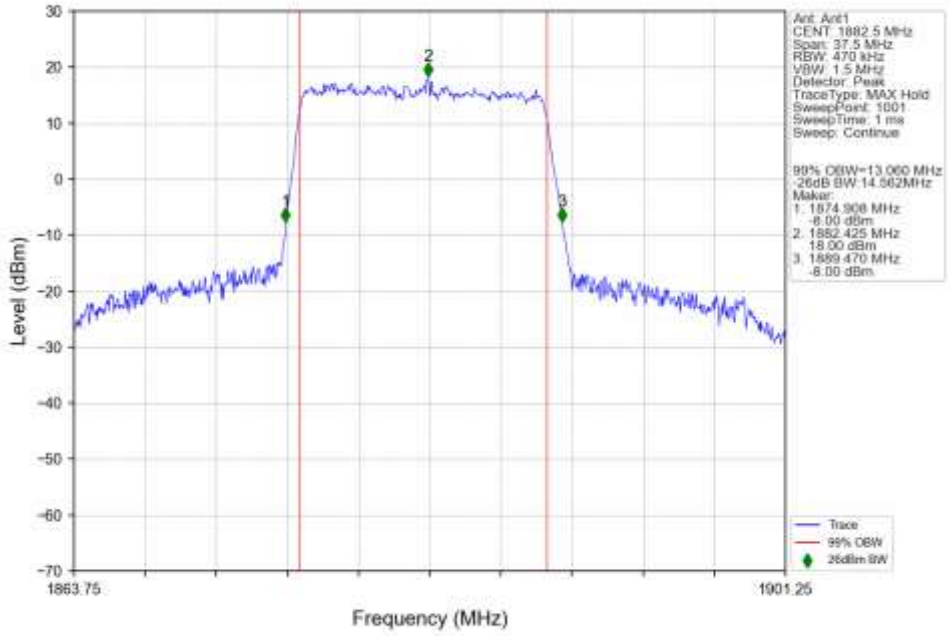


4.2.6 30k_SISO_15MHz_NTNV

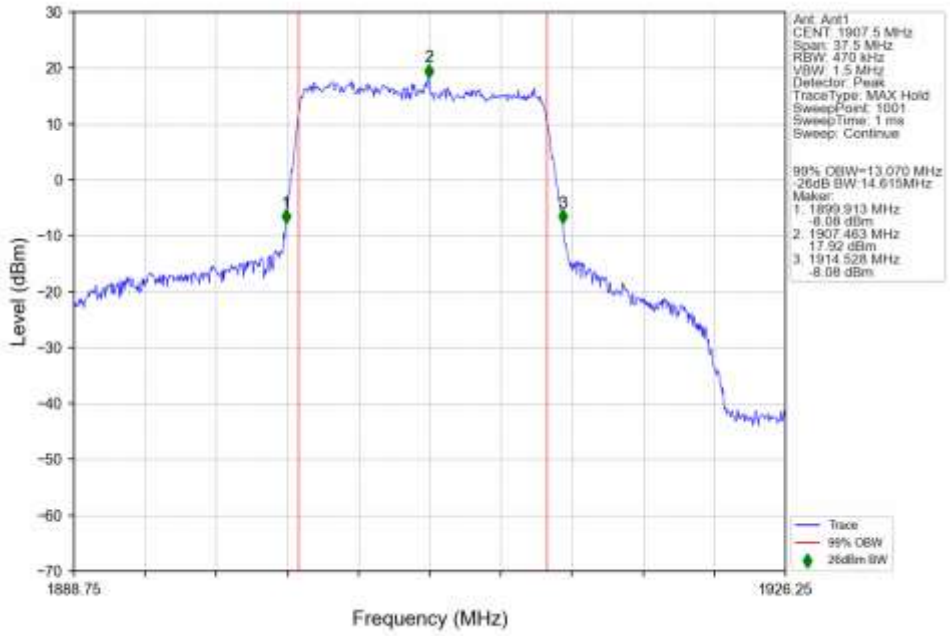
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Outer_Full_Ant1



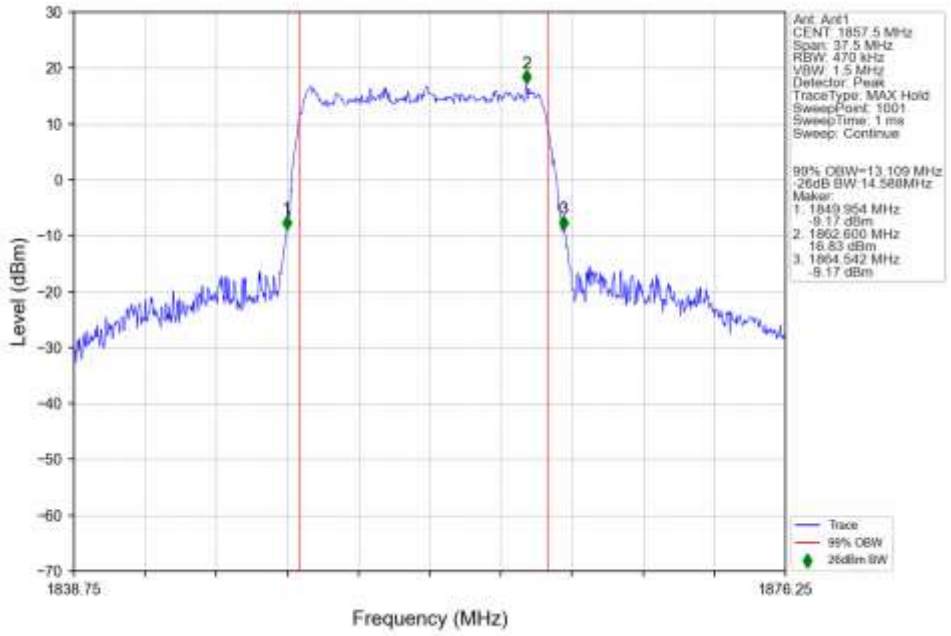
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



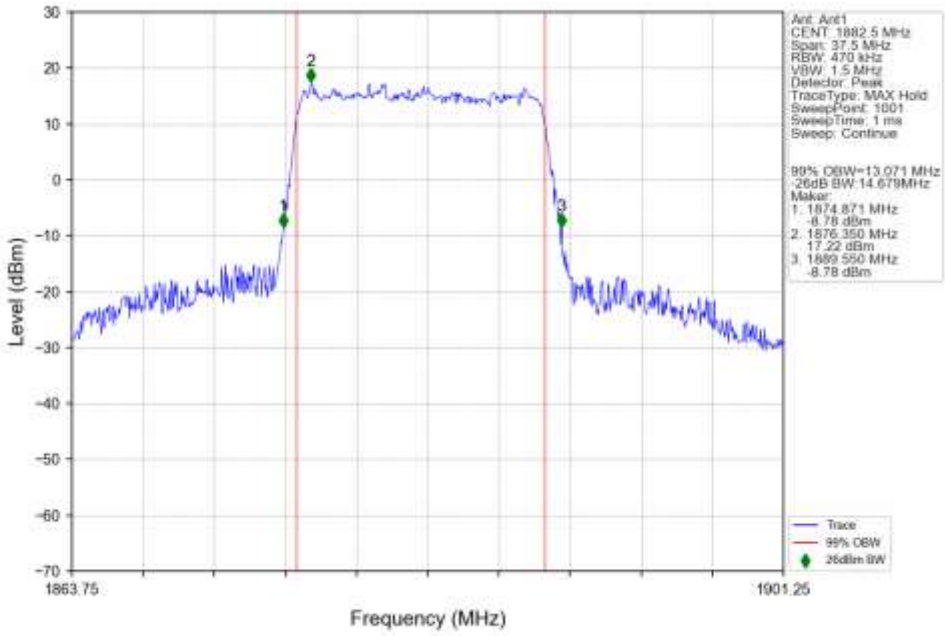
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1907.5MHz_Outer_Full_Ant1



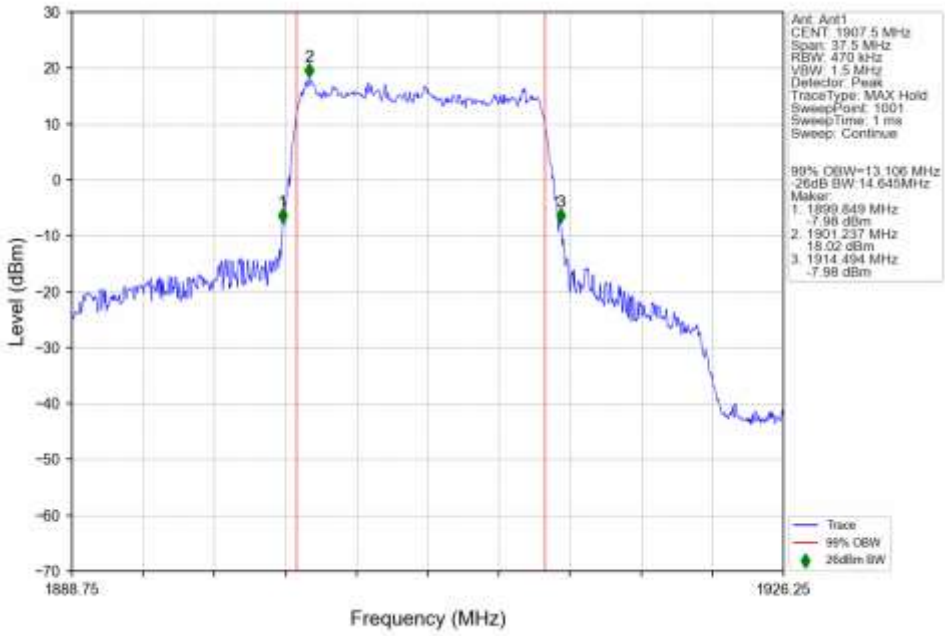
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1857.5MHz_Outer_Full_Ant1



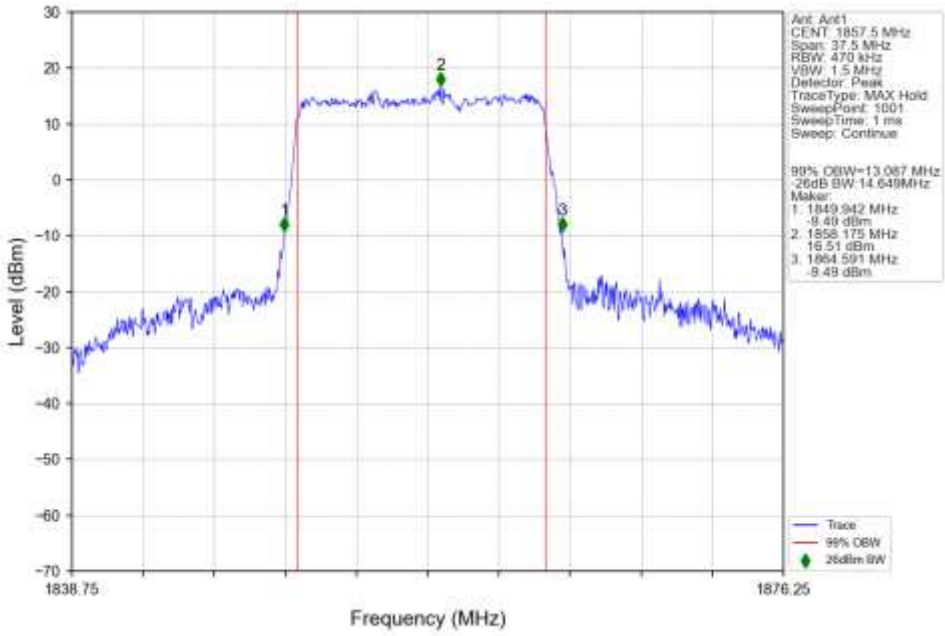
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



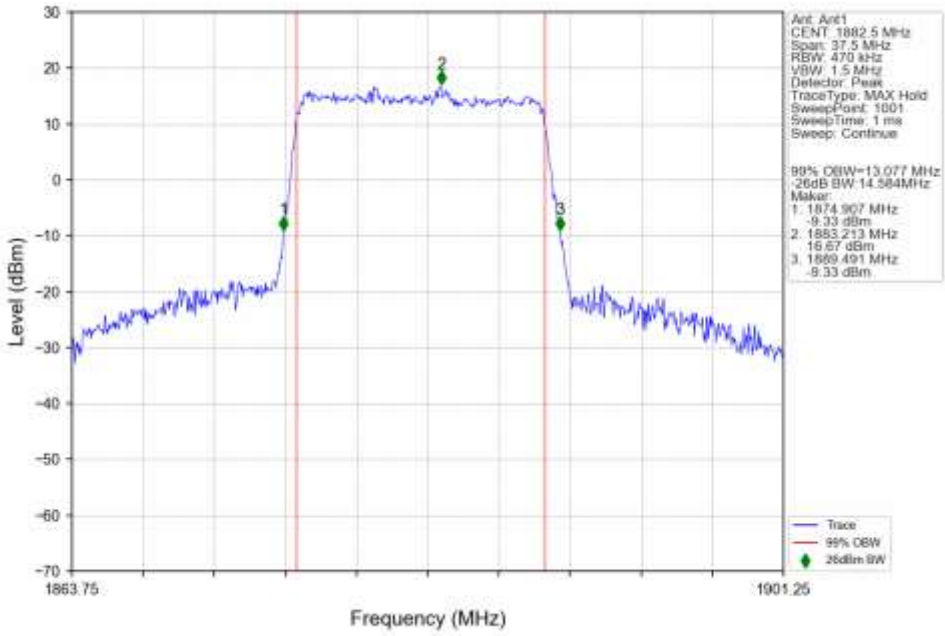
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1907.5MHz_Outer_Full_Ant1



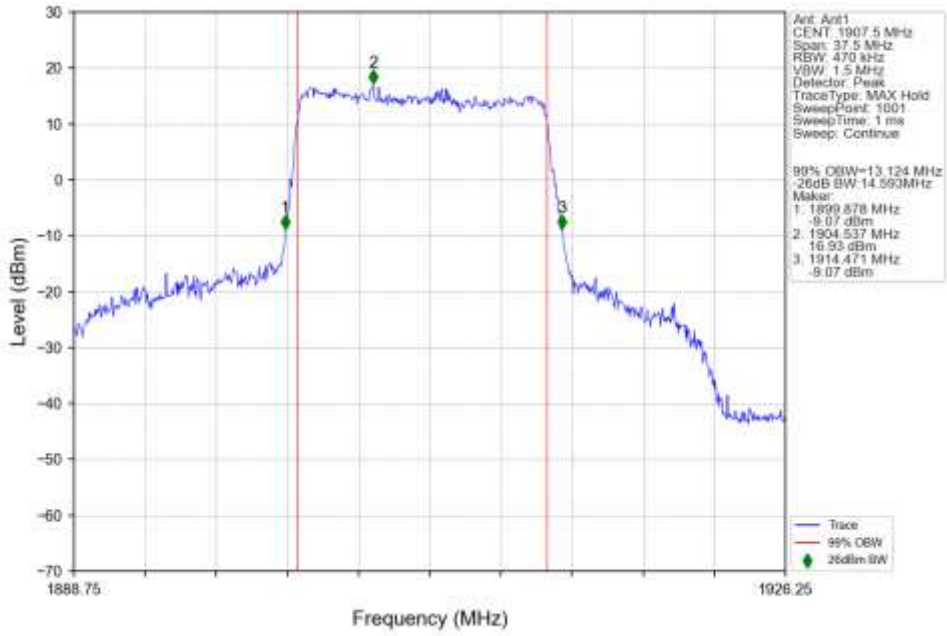
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1857.5MHz_Outer_Full_Ant1



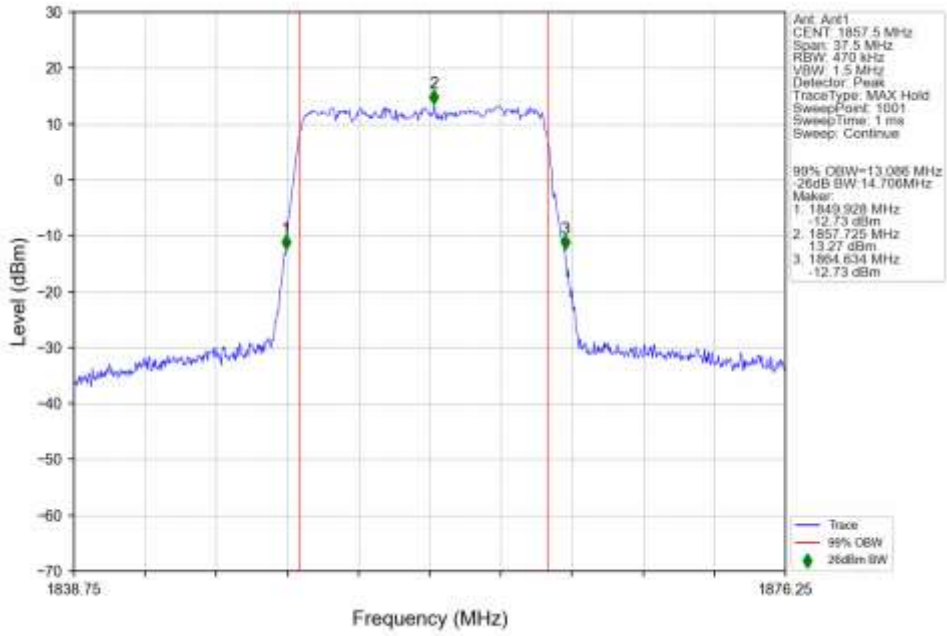
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



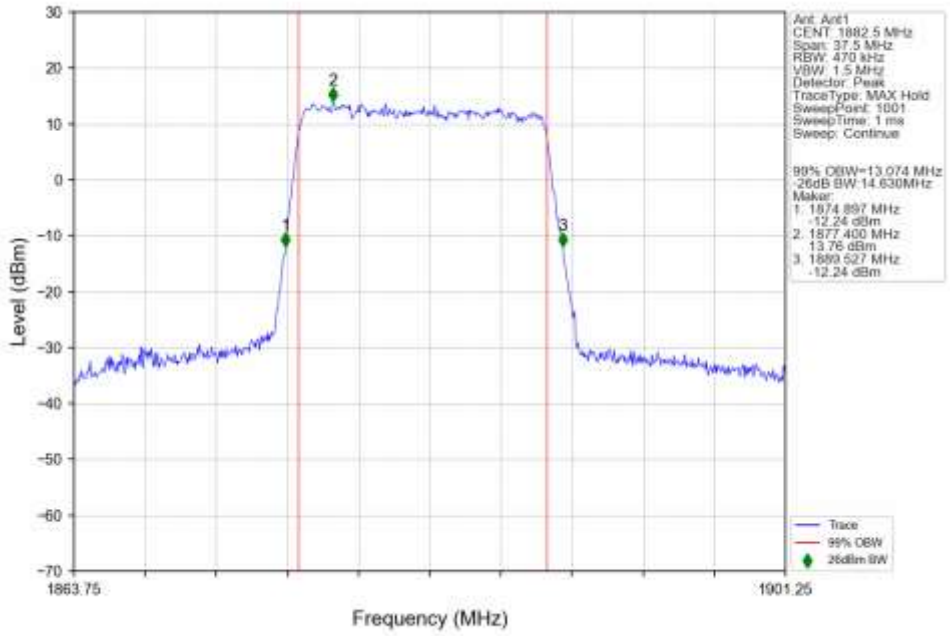
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1907.5MHz_Outer_Full_Ant1



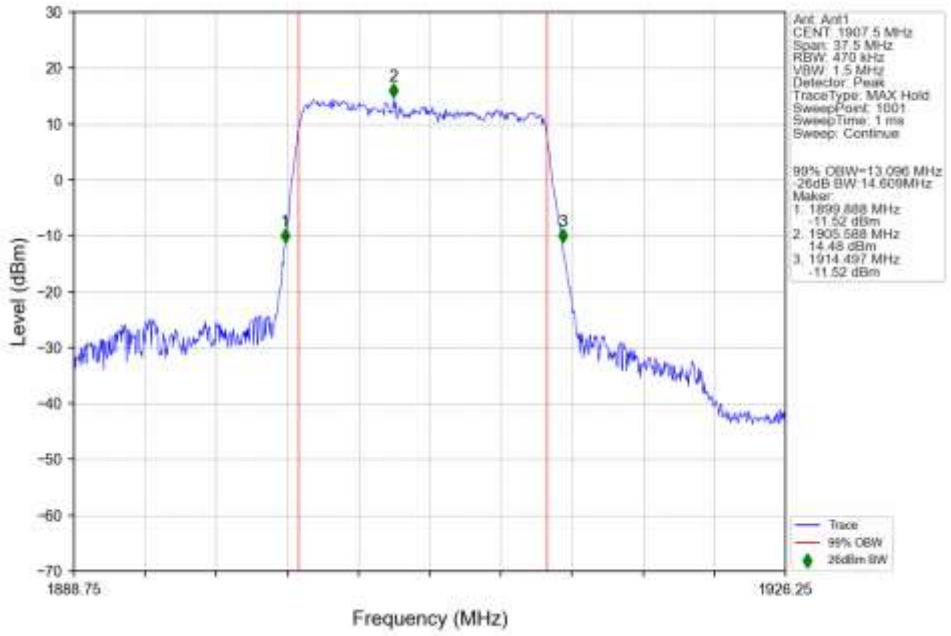
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



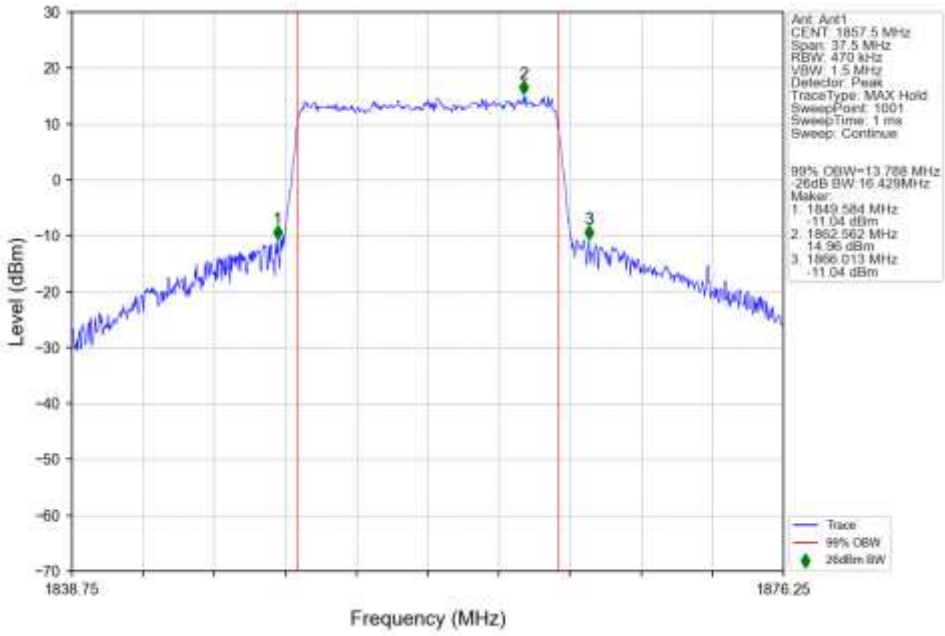
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



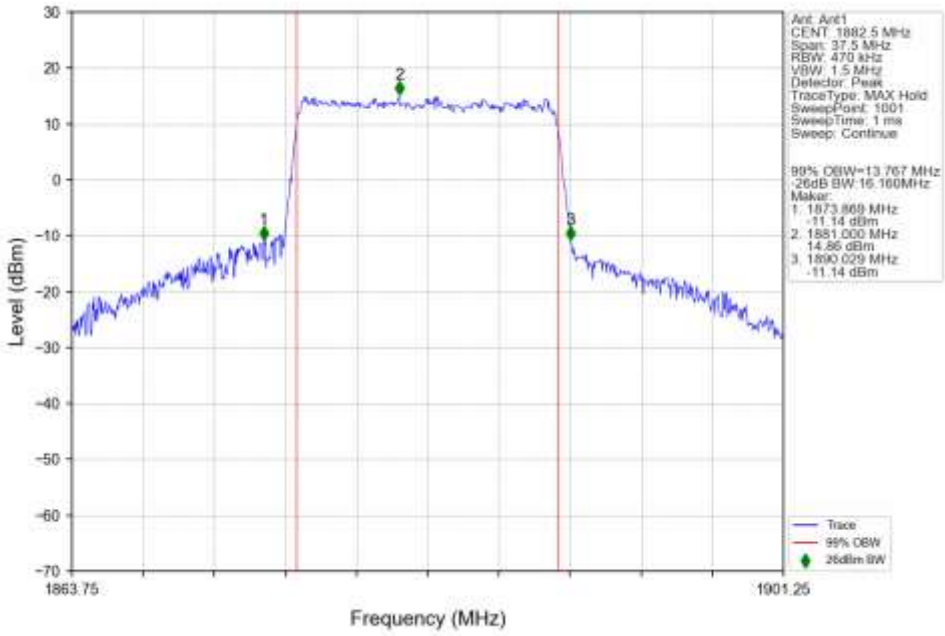
n25_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1907.5MHz_Outer_Full_Ant1



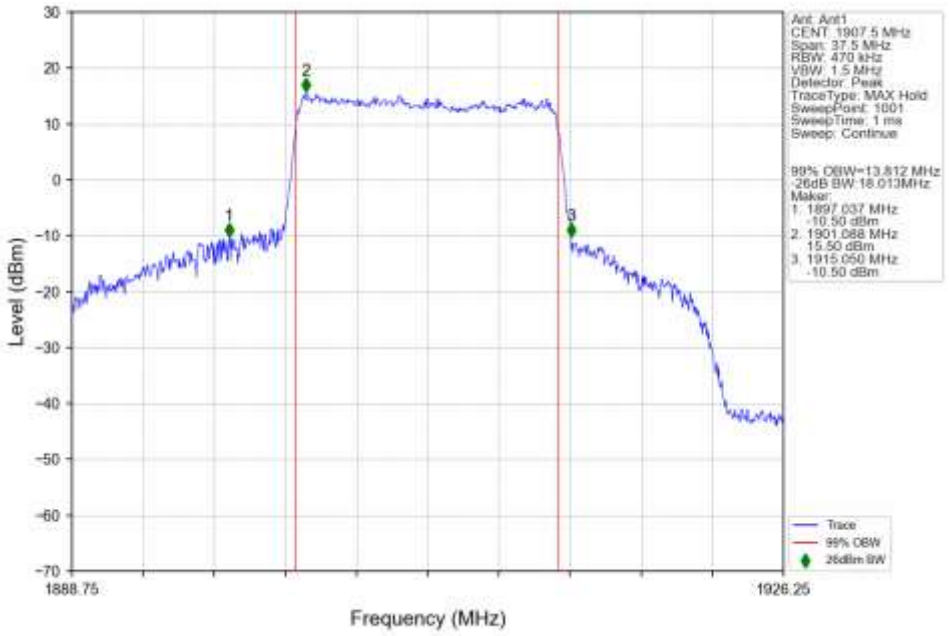
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Outer_Full_Ant1



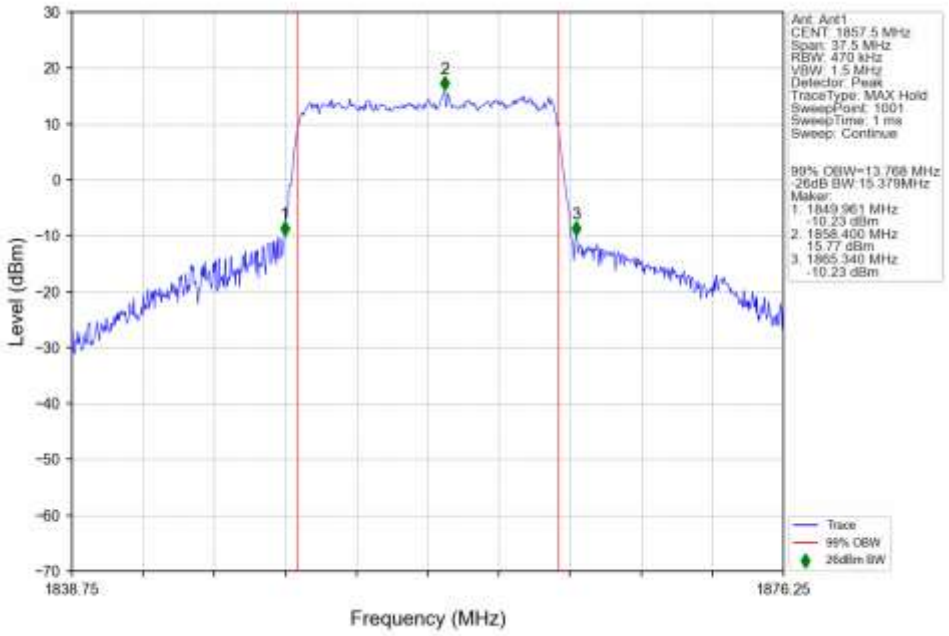
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



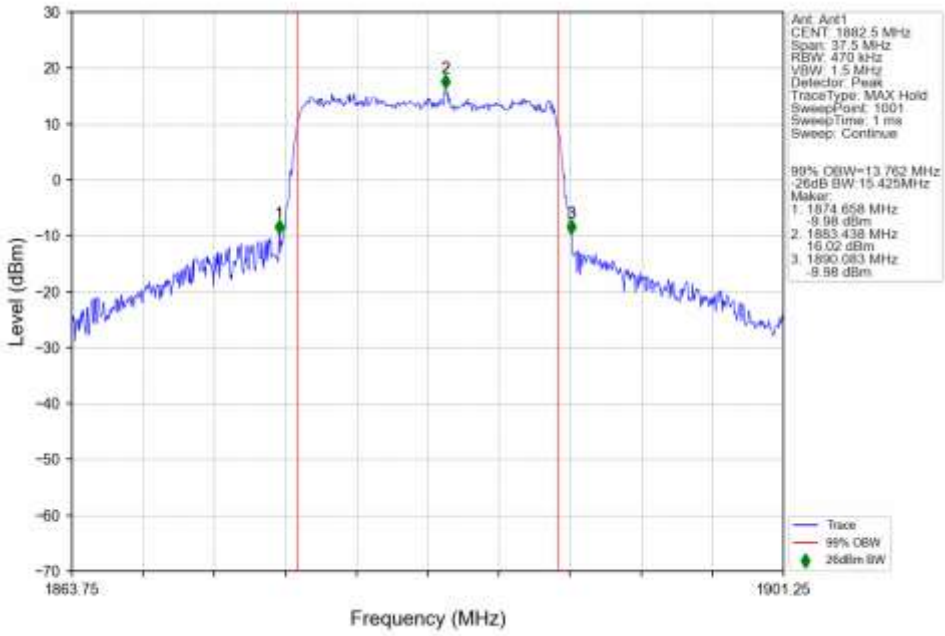
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1907.5MHz_Outer_Full_Ant1



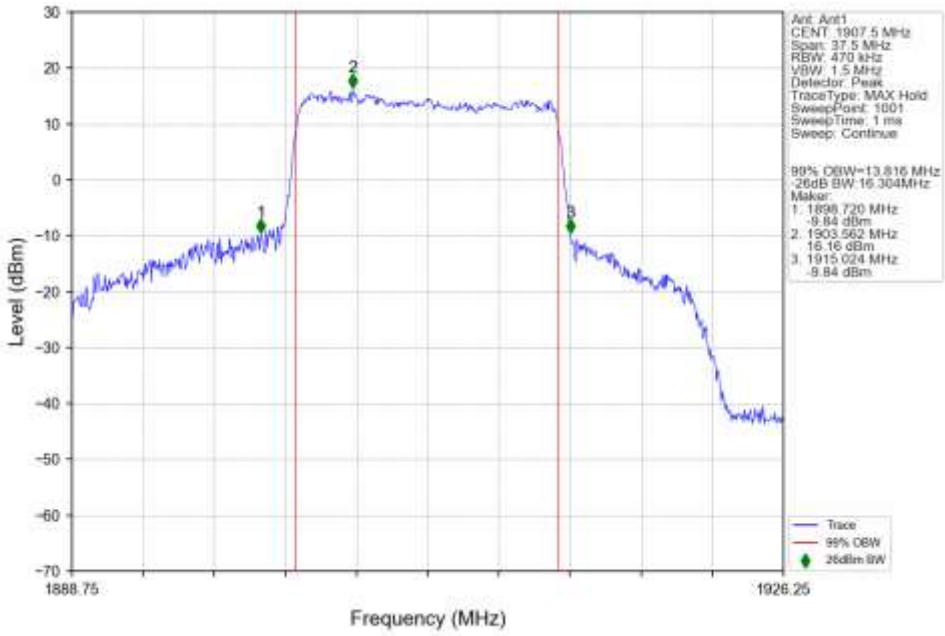
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1857.5MHz_Outer_Full_Ant1



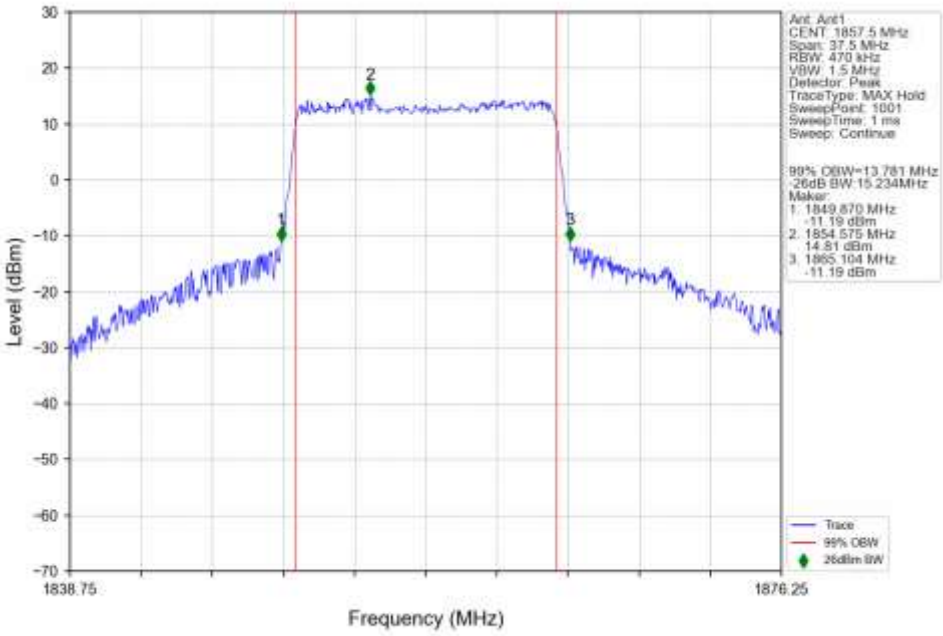
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



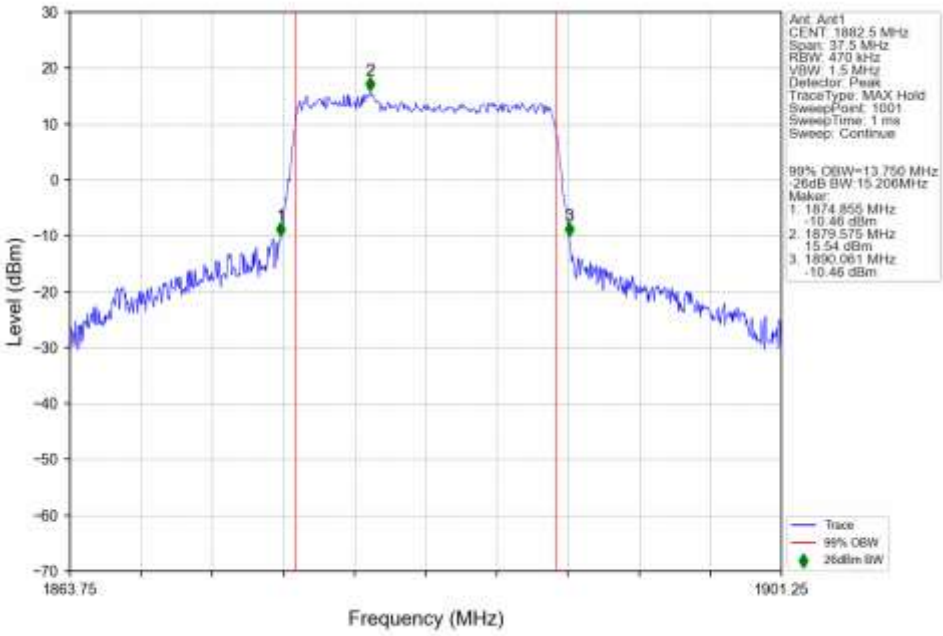
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1907.5MHz_Outer_Full_Ant1



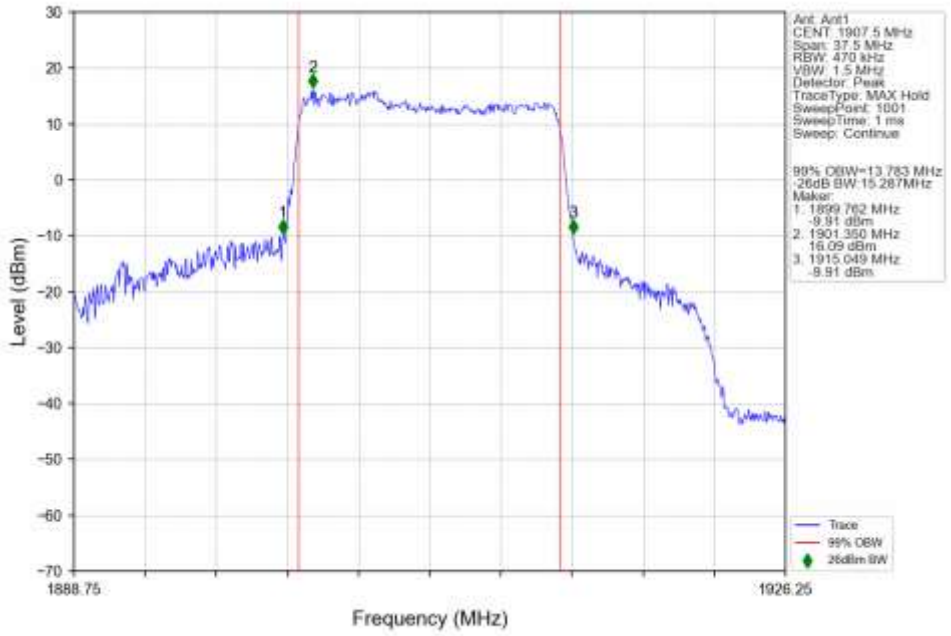
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1857.5MHz_Outer_Full_Ant1



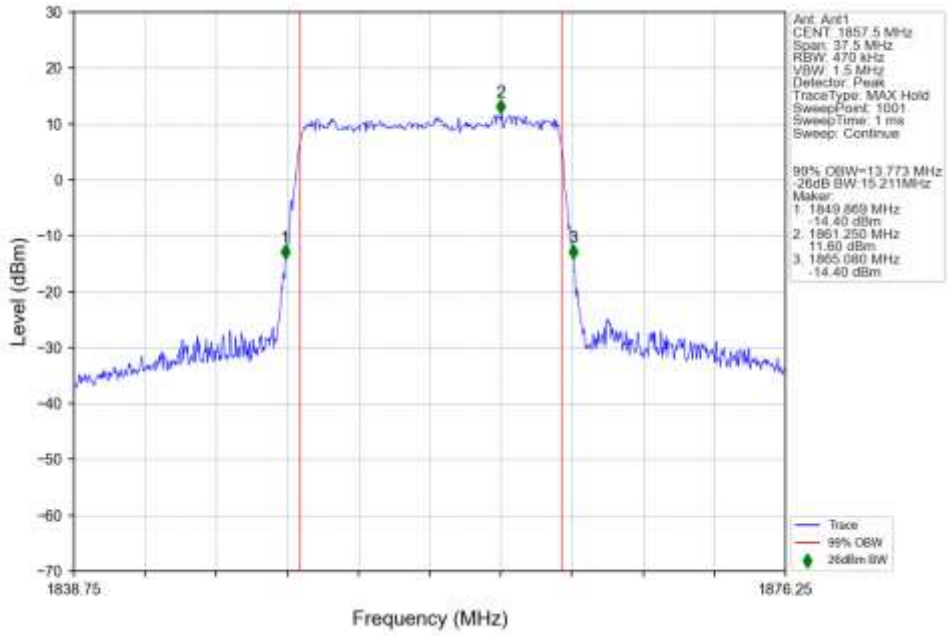
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



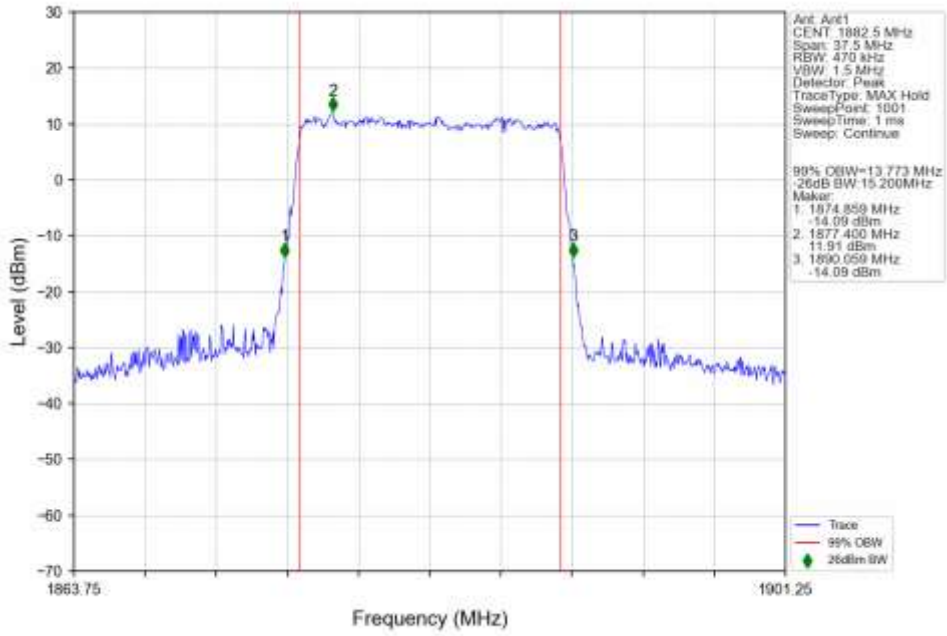
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1907.5MHz_Outer_Full_Ant1



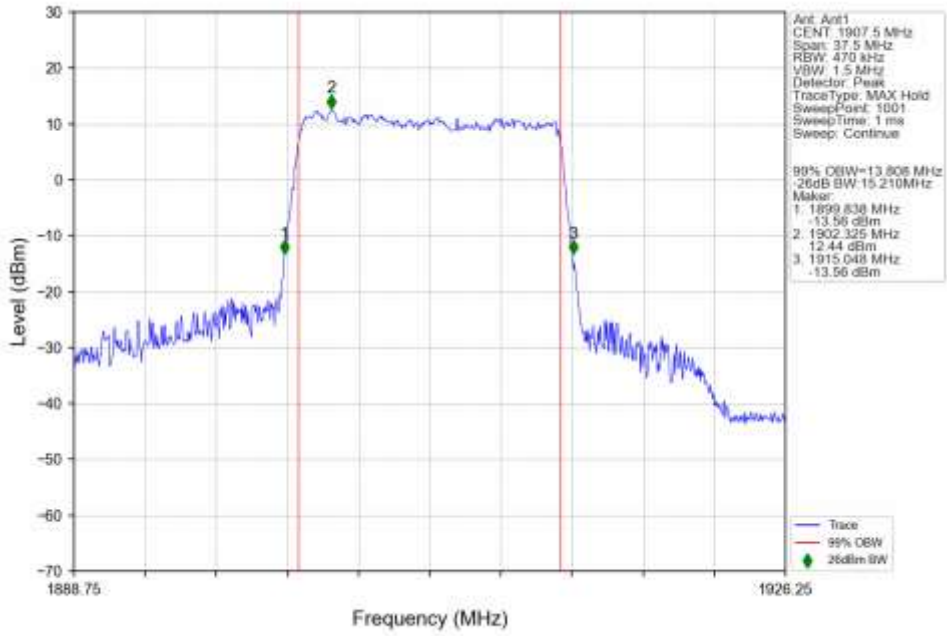
n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

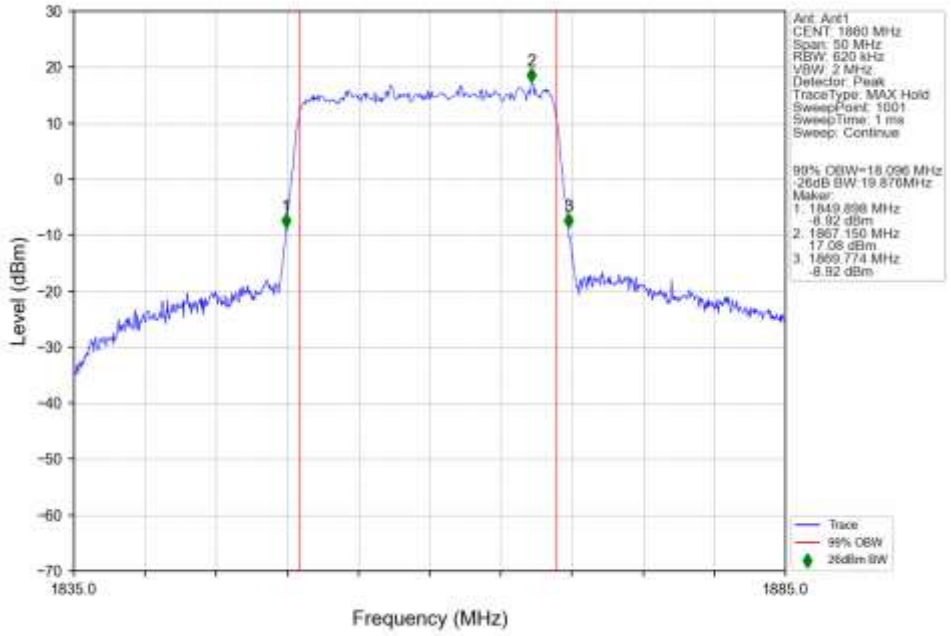


n25_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1907.5MHz_Outer_Full_Ant1

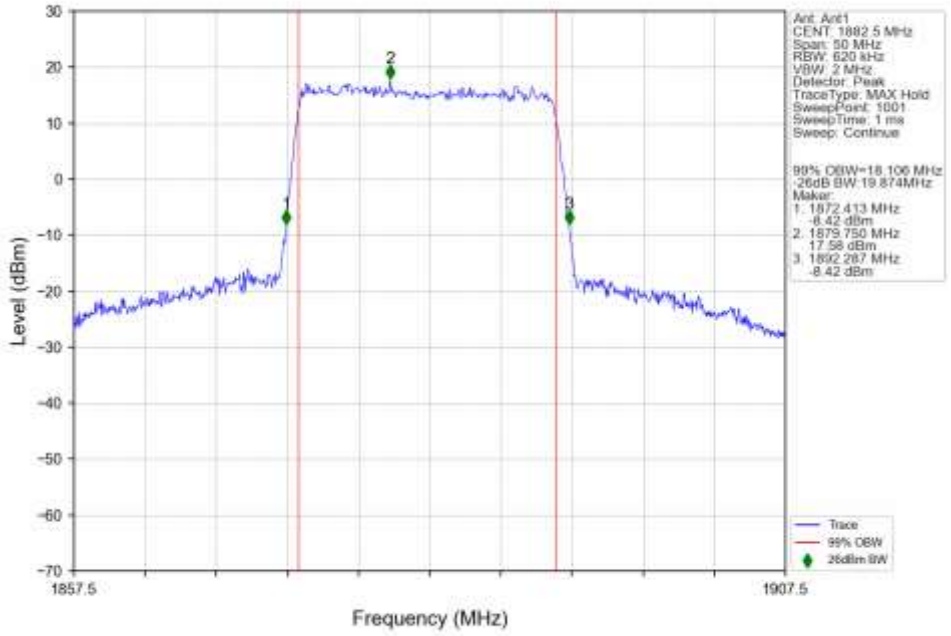


4.2.7 30k_SISO_20MHz_NTNV

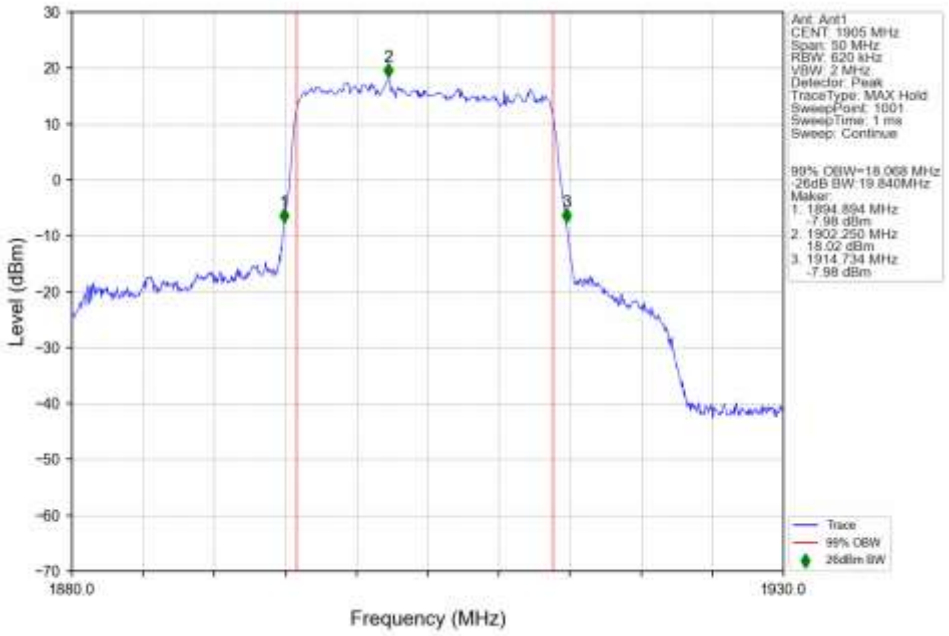
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Outer_Full_Ant1



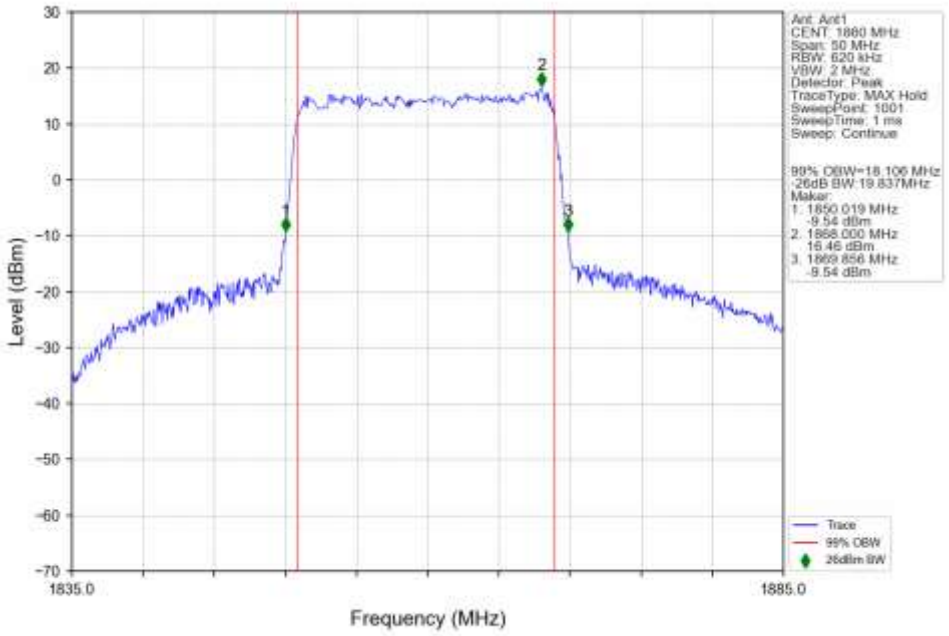
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



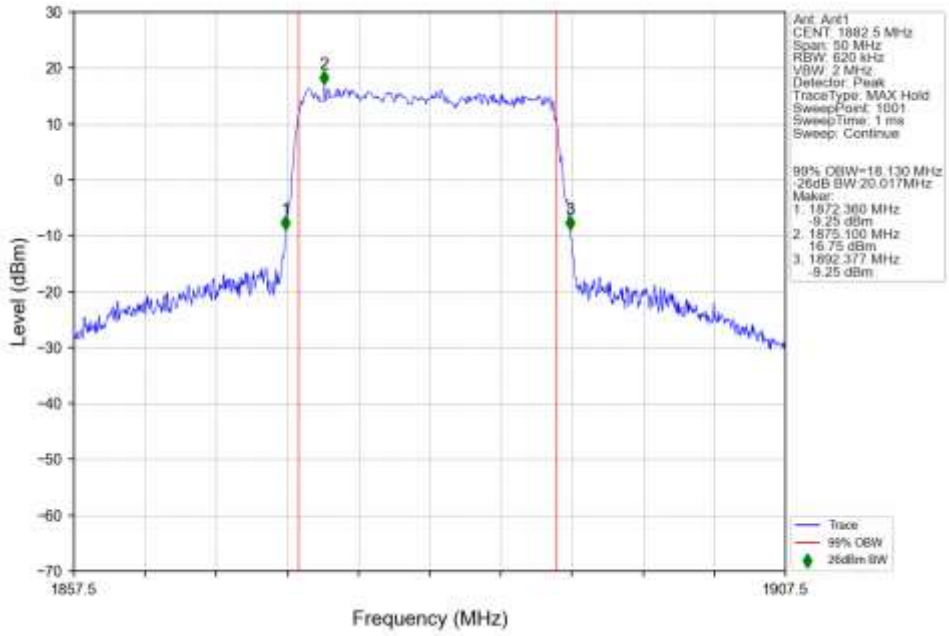
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1905MHz_Outer_Full_Ant1



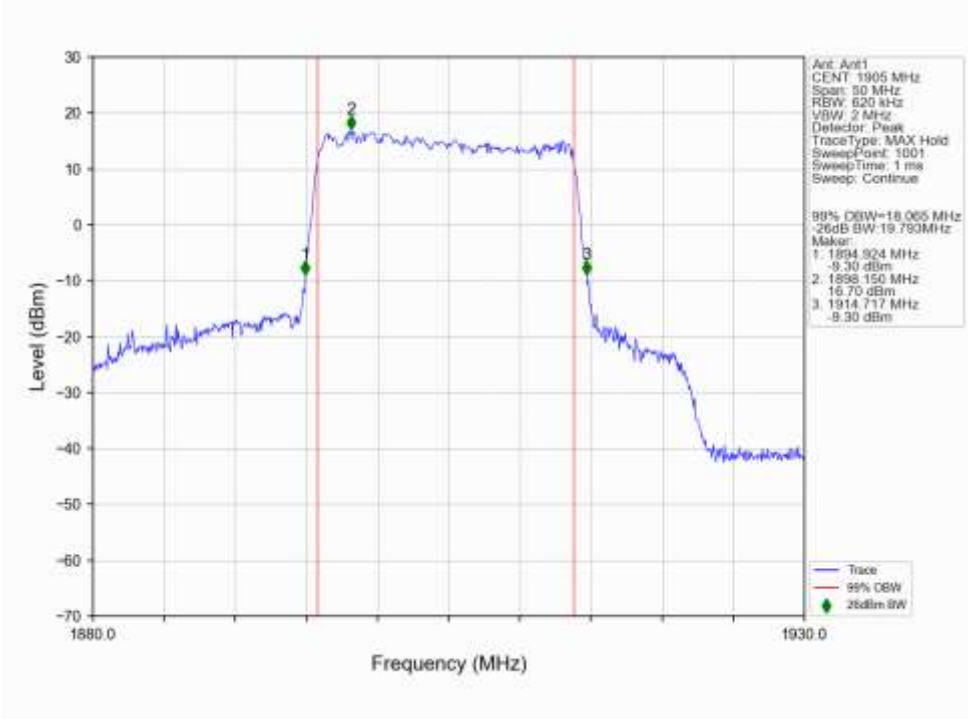
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1860MHz_Outer_Full_Ant1



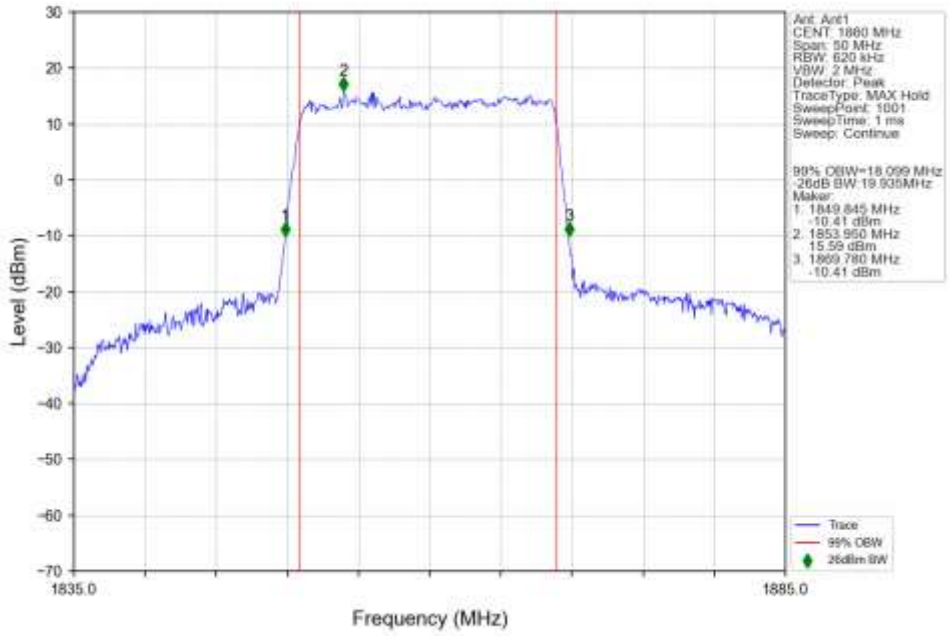
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



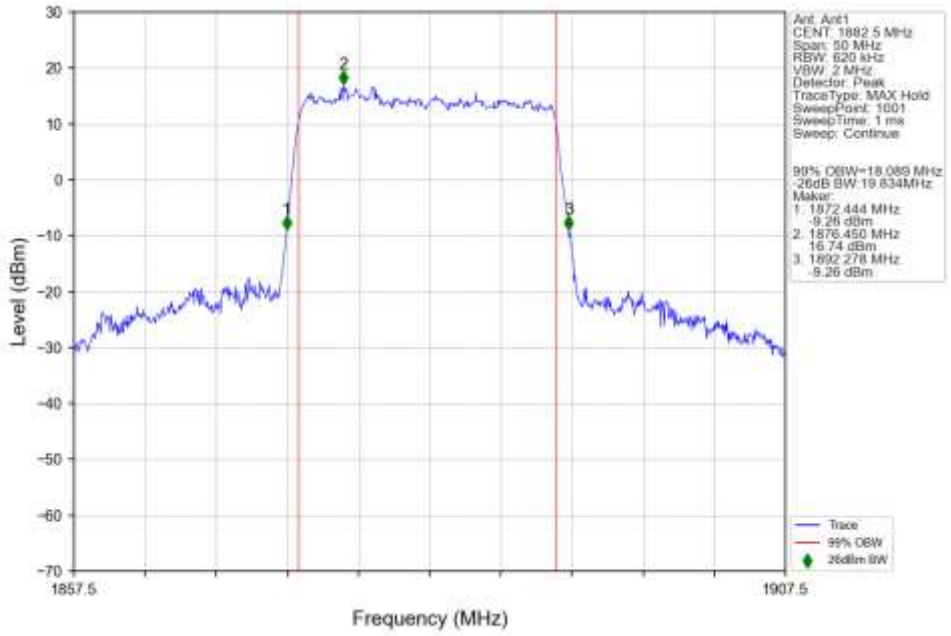
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1905MHz_Outer_Full_Ant1



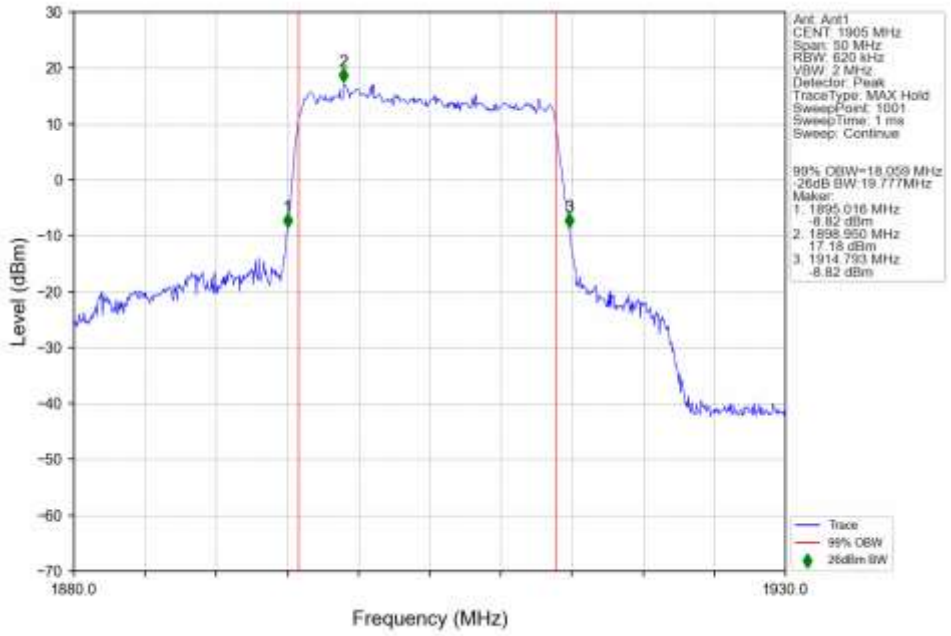
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1860MHz_Outer_Full_Ant1



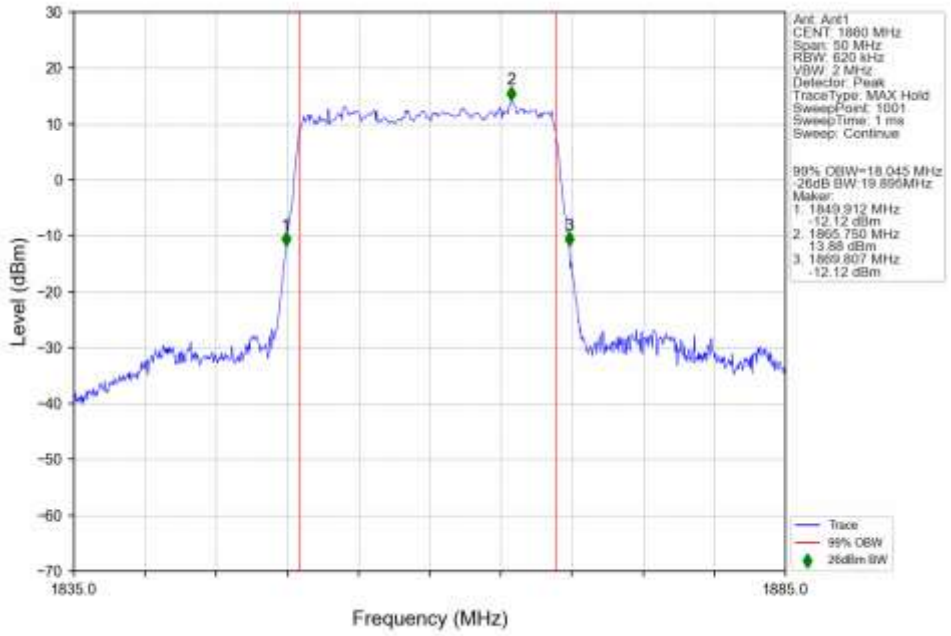
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



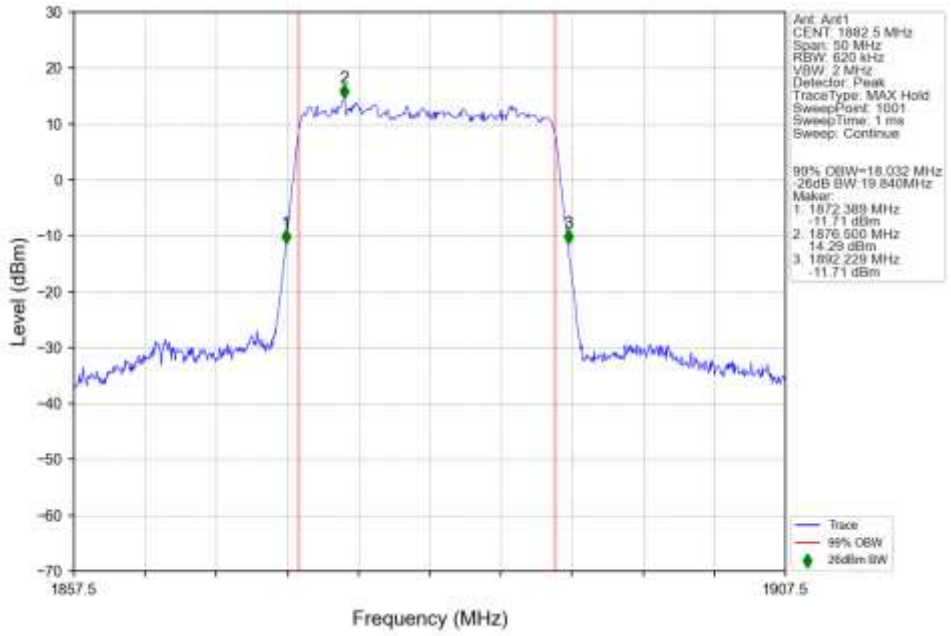
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1905MHz_Outer_Full_Ant1



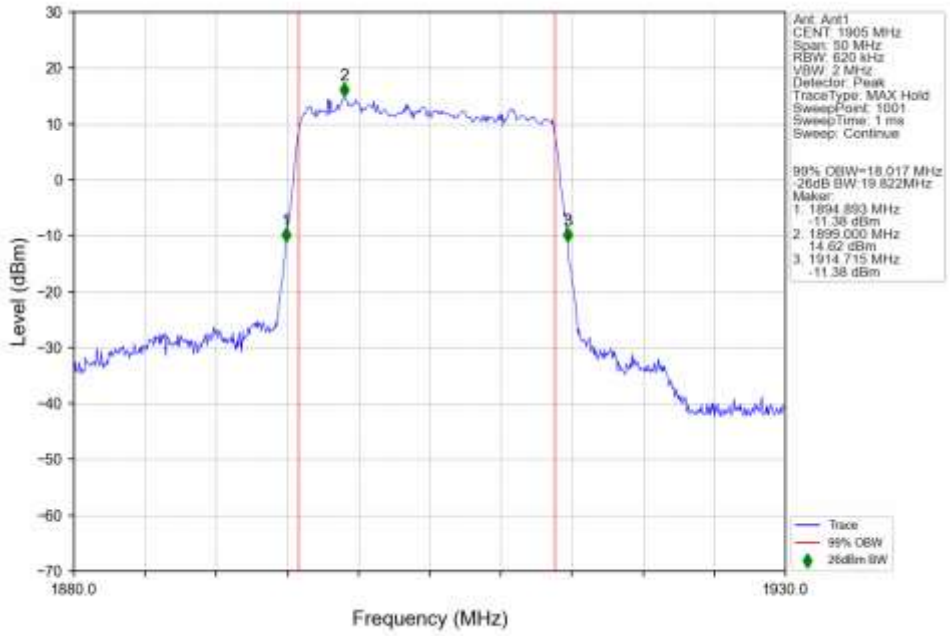
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1860MHz_Outer_Full_Ant1



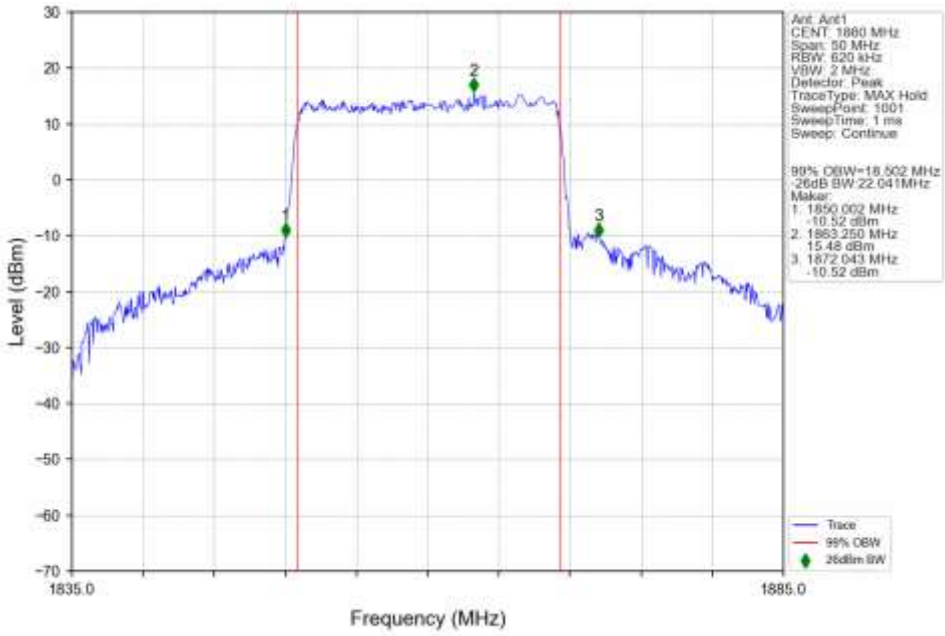
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



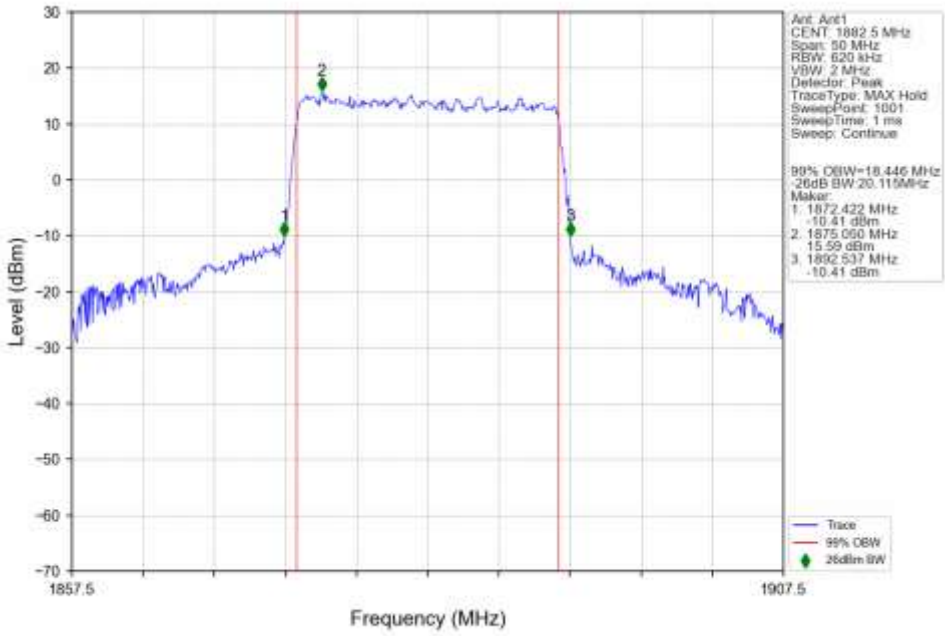
n25_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1905MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1860MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



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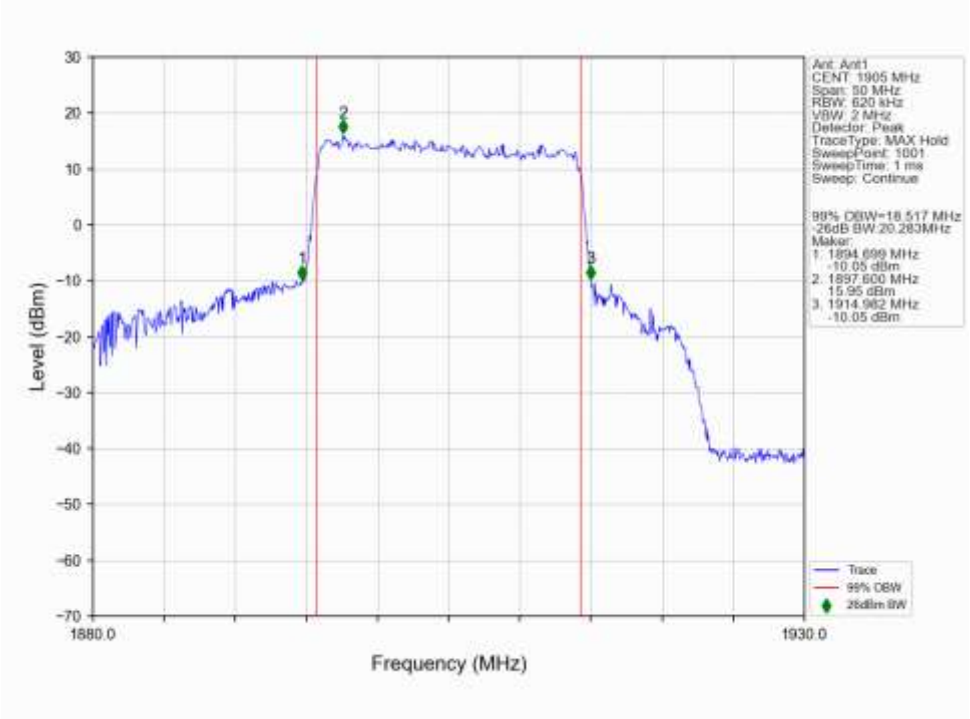
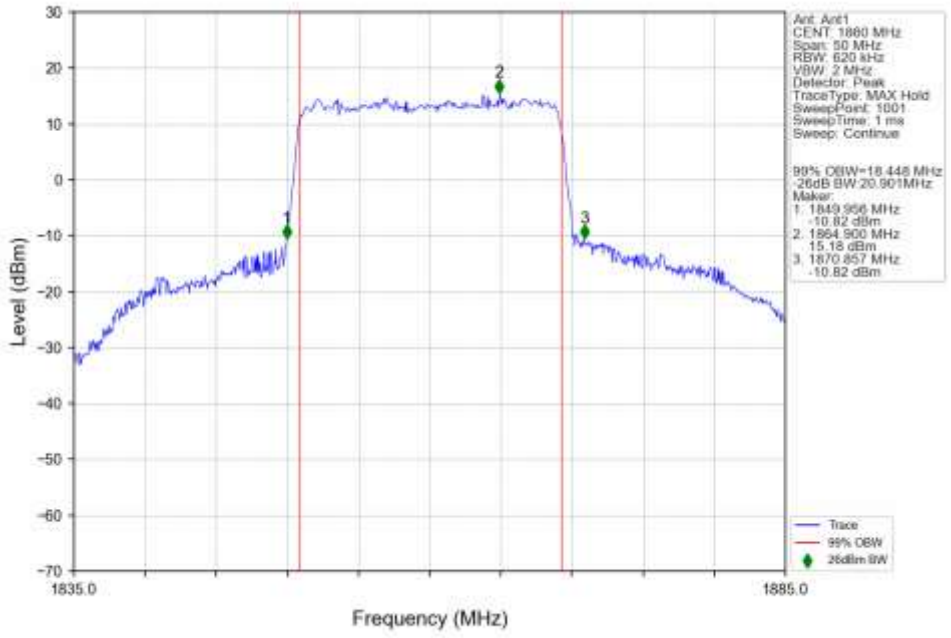
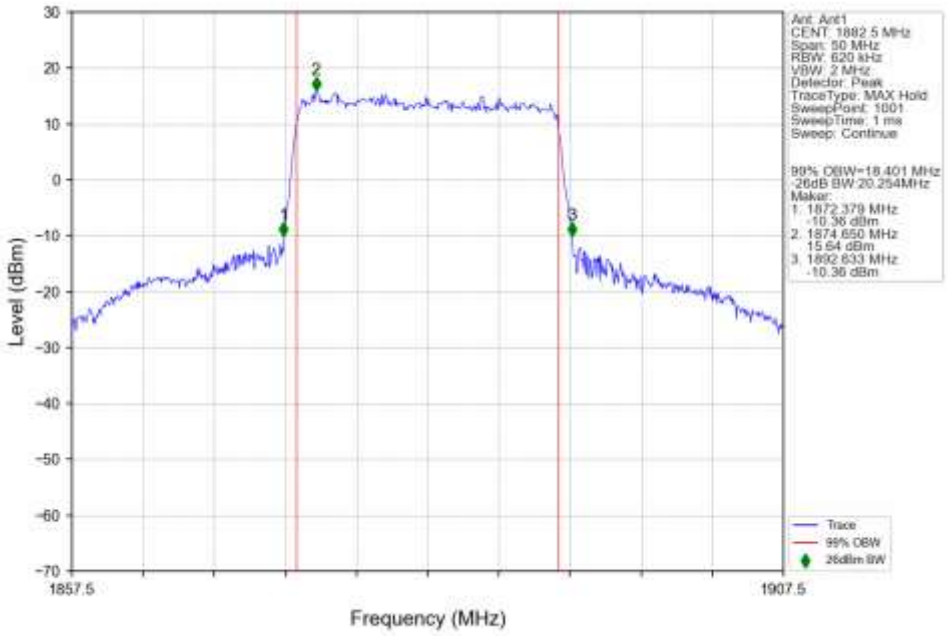


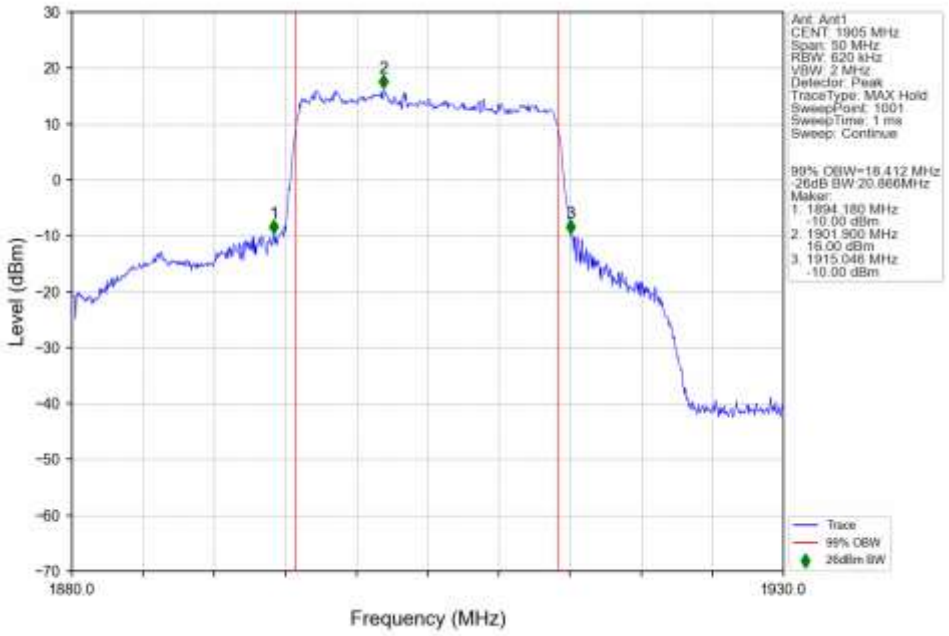
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1860MHz_Outer_Full_Ant1



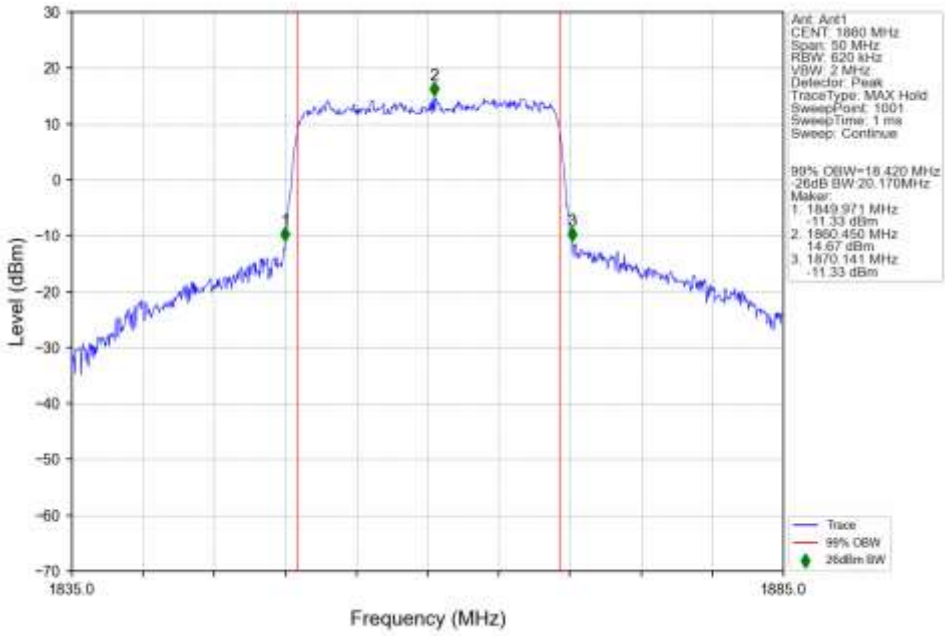
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



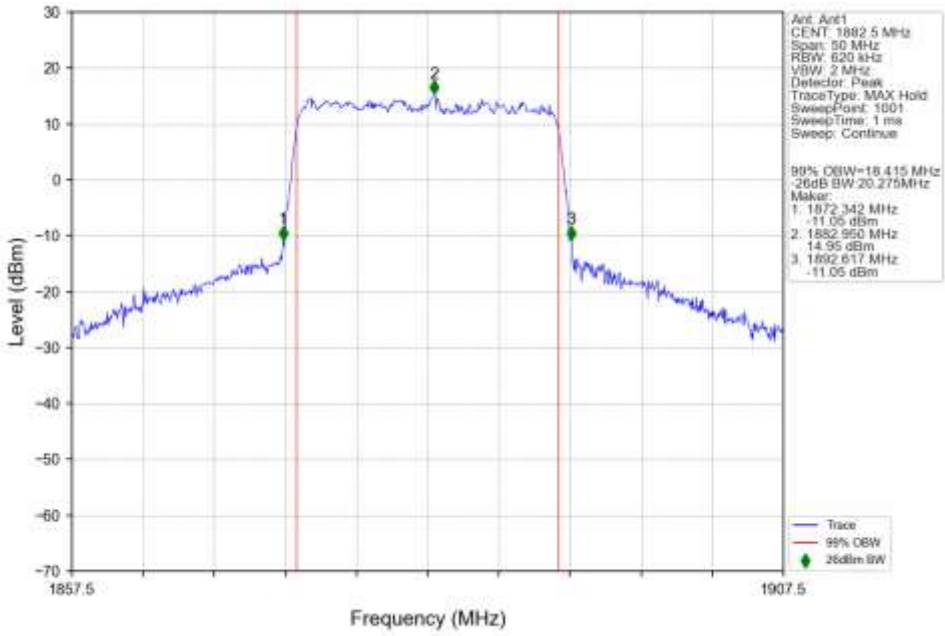
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1905MHz_Outer_Full_Ant1



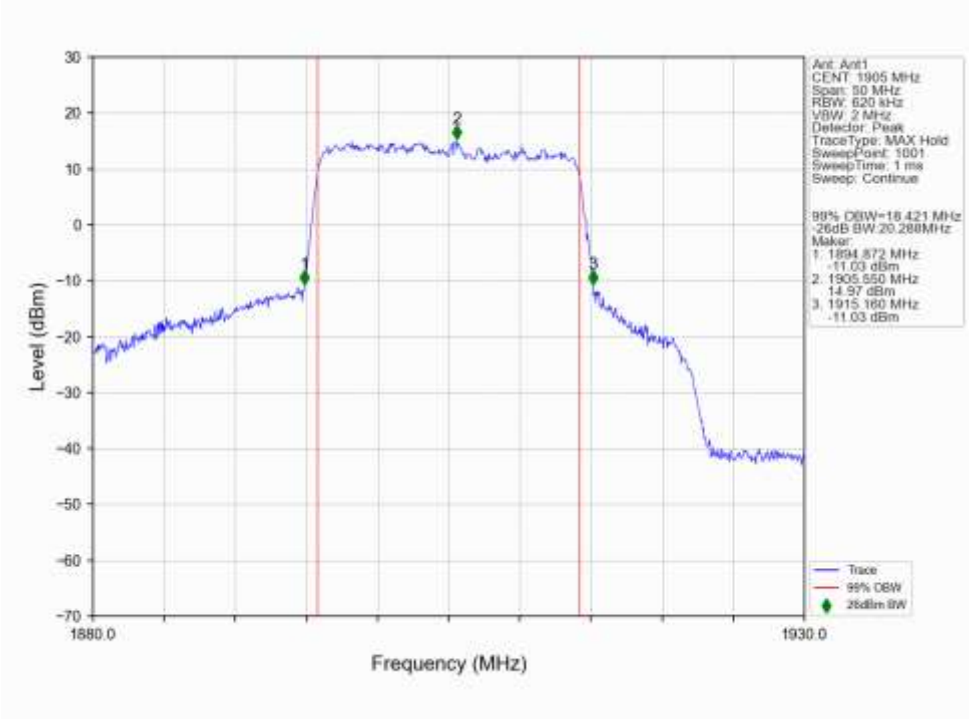
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1860MHz_Outer_Full_Ant1



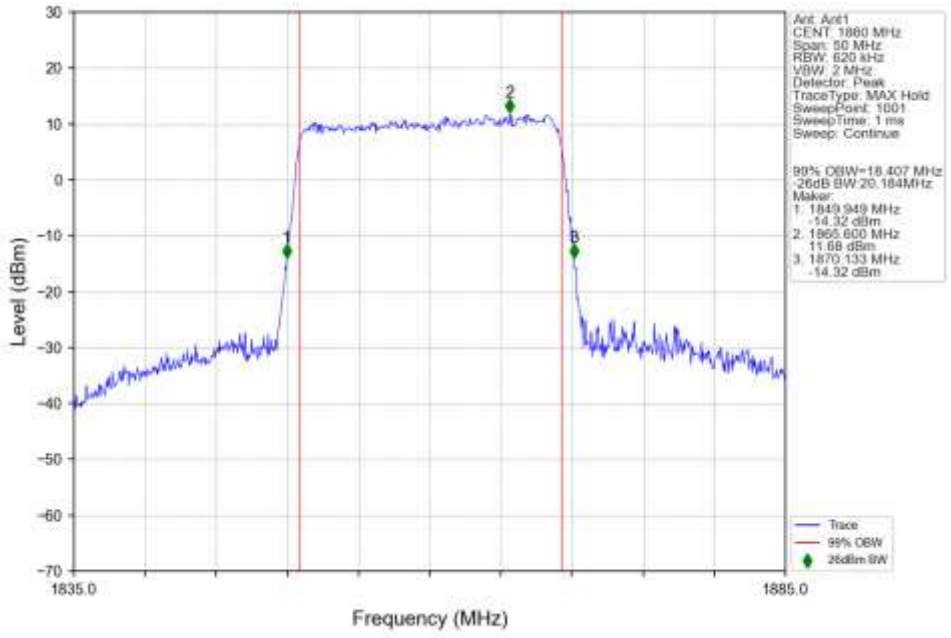
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



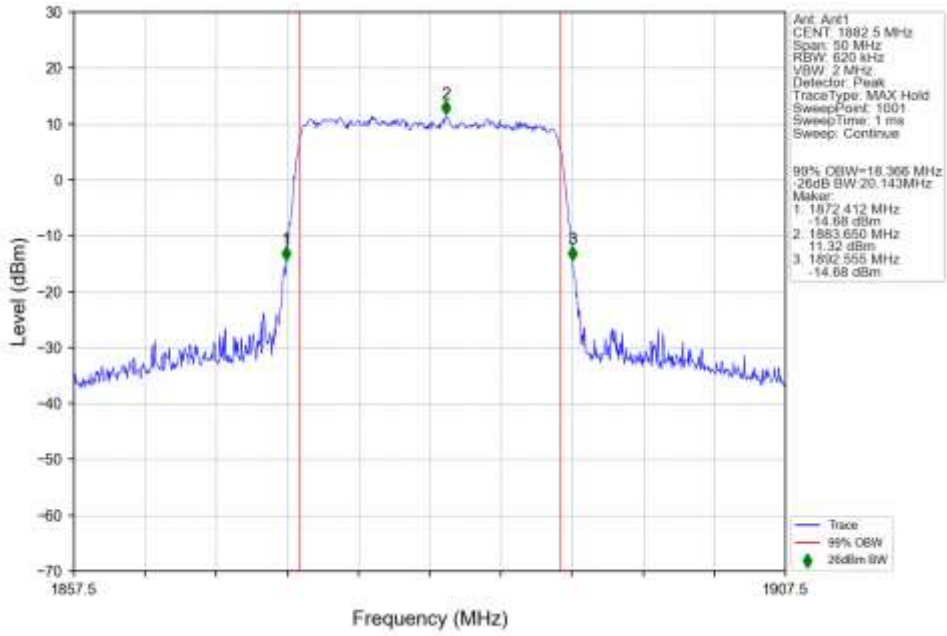
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1905MHz_Outer_Full_Ant1



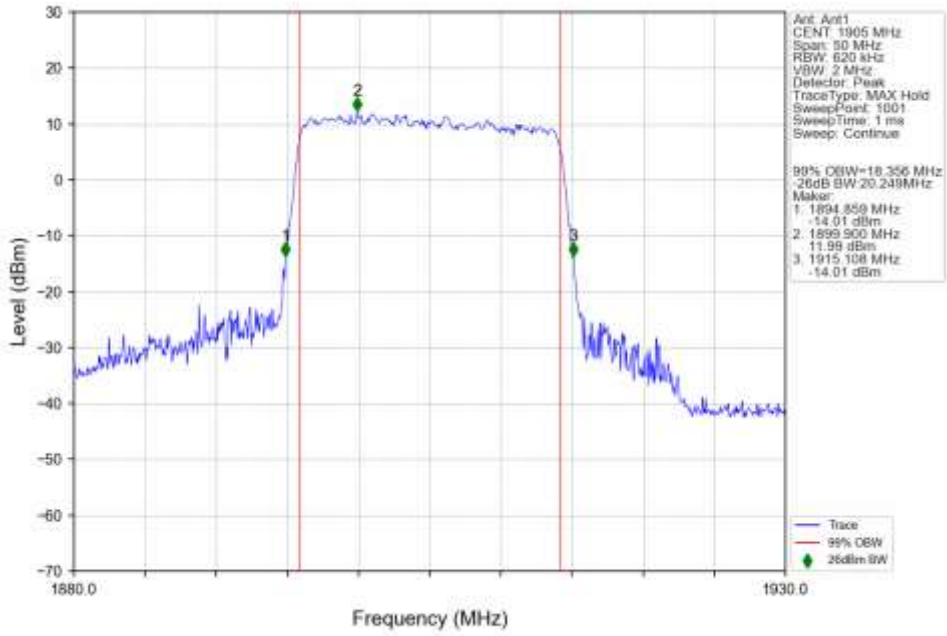
n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1860MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1905MHz_Outer_Full_Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1852.5	Outer_Full	8.36	/	/	<=13	Pass
	1882.5	Outer_Full	5.38	/	/	<=13	Pass
	1912.5	Outer_Full	4.34	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	10.65	/	/	<=13	Pass
	1882.5	Outer_Full	6.01	/	/	<=13	Pass
	1912.5	Outer_Full	4.87	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	11.33	/	/	<=13	Pass
	1882.5	Outer_Full	6.09	/	/	<=13	Pass
	1912.5	Outer_Full	5.09	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	11.87	/	/	<=13	Pass
	1882.5	Outer_Full	6.33	/	/	<=13	Pass
	1912.5	Outer_Full	5.88	/	/	<=13	Pass
CP-OFDM QPSK	1852.5	Outer_Full	7.94	/	/	<=13	Pass
	1882.5	Outer_Full	7.94	/	/	<=13	Pass
	1912.5	Outer_Full	6.01	/	/	<=13	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	7.88	/	/	<=13	Pass
	1882.5	Outer_Full	7.78	/	/	<=13	Pass
	1912.5	Outer_Full	5.96	/	/	<=13	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	8.00	/	/	<=13	Pass
	1882.5	Outer_Full	7.96	/	/	<=13	Pass
	1912.5	Outer_Full	6.30	/	/	<=13	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	8.36	/	/	<=13	Pass
	1882.5	Outer_Full	8.38	/	/	<=13	Pass
	1912.5	Outer_Full	7.94	/	/	<=13	Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n25 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Outer_Full	5.30	/	/	<=13	Pass
	1882.5	Outer_Full	5.37	/	/	<=13	Pass
	1910	Outer_Full	4.91	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	5.98	/	/	<=13	Pass
	1882.5	Outer_Full	6.09	/	/	<=13	Pass
	1910	Outer_Full	5.52	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	6.35	/	/	<=13	Pass
	1882.5	Outer_Full	6.42	/	/	<=13	Pass
	1910	Outer_Full	5.80	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	6.52	/	/	<=13	Pass
	1882.5	Outer_Full	6.54	/	/	<=13	Pass
	1910	Outer_Full	6.39	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer_Full	7.79	/	/	<=13	Pass
	1882.5	Outer_Full	7.92	/	/	<=13	Pass
	1910	Outer_Full	6.98	/	/	<=13	Pass

CP-OFDM 16 QAM	1855	Outer_Full	7.80	/	/	<=13	Pass
	1882.5	Outer_Full	7.96	/	/	<=13	Pass
	1910	Outer_Full	6.93	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer_Full	7.93	/	/	<=13	Pass
	1882.5	Outer_Full	7.97	/	/	<=13	Pass
	1910	Outer_Full	7.22	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer_Full	8.46	/	/	<=13	Pass
	1882.5	Outer_Full	8.50	/	/	<=13	Pass
	1910	Outer_Full	8.30	/	/	<=13	Pass

5.1.3 15k_SISO_15MHz_NTNV

5G NR n25 SCS=15kHz SISO 15MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Outer_Full	4.91	/	/	<=13	Pass
	1882.5	Outer_Full	5.07	/	/	<=13	Pass
	1907.5	Outer_Full	5.04	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	5.55	/	/	<=13	Pass
	1882.5	Outer_Full	5.77	/	/	<=13	Pass
	1907.5	Outer_Full	5.16	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	6.01	/	/	<=13	Pass
	1882.5	Outer_Full	6.16	/	/	<=13	Pass
	1907.5	Outer_Full	5.48	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	6.47	/	/	<=13	Pass
	1882.5	Outer_Full	6.54	/	/	<=13	Pass
	1907.5	Outer_Full	6.27	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer_Full	7.16	/	/	<=13	Pass
	1882.5	Outer_Full	7.48	/	/	<=13	Pass
	1907.5	Outer_Full	6.61	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	7.13	/	/	<=13	Pass
	1882.5	Outer_Full	7.42	/	/	<=13	Pass
	1907.5	Outer_Full	6.60	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	7.53	/	/	<=13	Pass
	1882.5	Outer_Full	7.70	/	/	<=13	Pass
	1907.5	Outer_Full	6.91	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	8.45	/	/	<=13	Pass
	1882.5	Outer_Full	8.49	/	/	<=13	Pass
	1907.5	Outer_Full	8.18	/	/	<=13	Pass

5.1.4 15k_SISO_20MHz_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Outer_Full	4.88	/	/	<=13	Pass
	1882.5	Outer_Full	5.05	/	/	<=13	Pass
	1905	Outer_Full	4.65	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	5.49	/	/	<=13	Pass
	1882.5	Outer_Full	5.63	/	/	<=13	Pass
	1905	Outer_Full	5.51	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	5.76	/	/	<=13	Pass
	1882.5	Outer_Full	5.96	/	/	<=13	Pass
	1905	Outer_Full	5.52	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	6.48	/	/	<=13	Pass
	1882.5	Outer_Full	6.54	/	/	<=13	Pass

	1905	Outer_Full	6.21	/	/	<=13	Pass
CP-OFDM QPSK	1860	Outer_Full	6.90	/	/	<=13	Pass
	1882.5	Outer_Full	7.37	/	/	<=13	Pass
	1905	Outer_Full	6.63	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer_Full	6.86	/	/	<=13	Pass
	1882.5	Outer_Full	7.34	/	/	<=13	Pass
	1905	Outer_Full	6.91	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer_Full	7.13	/	/	<=13	Pass
	1882.5	Outer_Full	7.62	/	/	<=13	Pass
	1905	Outer_Full	7.26	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer_Full	8.10	/	/	<=13	Pass
	1882.5	Outer_Full	8.22	/	/	<=13	Pass
	1905	Outer_Full	7.95	/	/	<=13	Pass

5.1.5 30k_SISO_10MHz_NTNV

5G NR n25 SCS=30kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Outer_Full	5.40	/	/	<=13	Pass
	1882.5	Outer_Full	5.34	/	/	<=13	Pass
	1910	Outer_Full	5.18	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	6.07	/	/	<=13	Pass
	1882.5	Outer_Full	6.05	/	/	<=13	Pass
	1910	Outer_Full	5.84	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	6.10	/	/	<=13	Pass
	1882.5	Outer_Full	6.12	/	/	<=13	Pass
	1910	Outer_Full	5.93	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	6.38	/	/	<=13	Pass
	1882.5	Outer_Full	6.36	/	/	<=13	Pass
	1910	Outer_Full	6.45	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer_Full	7.70	/	/	<=13	Pass
	1882.5	Outer_Full	7.60	/	/	<=13	Pass
	1910	Outer_Full	7.20	/	/	<=13	Pass
CP-OFDM 16 QAM	1855	Outer_Full	7.69	/	/	<=13	Pass
	1882.5	Outer_Full	7.66	/	/	<=13	Pass
	1910	Outer_Full	7.29	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer_Full	7.90	/	/	<=13	Pass
	1882.5	Outer_Full	7.88	/	/	<=13	Pass
	1910	Outer_Full	7.65	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer_Full	8.37	/	/	<=13	Pass
	1882.5	Outer_Full	8.38	/	/	<=13	Pass
	1910	Outer_Full	8.43	/	/	<=13	Pass

5.1.6 30k_SISO_15MHz_NTNV

5G NR n25 SCS=30kHz SISO 15MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Outer_Full	5.22	/	/	<=13	Pass
	1882.5	Outer_Full	5.14	/	/	<=13	Pass
	1907.5	Outer_Full	4.89	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	5.82	/	/	<=13	Pass
	1882.5	Outer_Full	5.78	/	/	<=13	Pass
	1907.5	Outer_Full	5.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	6.14	/	/	<=13	Pass

	1882.5	Outer_Full	6.16	/	/	<=13	Pass
	1907.5	Outer_Full	5.93	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	6.45	/	/	<=13	Pass
	1882.5	Outer_Full	6.45	/	/	<=13	Pass
	1907.5	Outer_Full	6.45	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer_Full	7.68	/	/	<=13	Pass
	1882.5	Outer_Full	7.48	/	/	<=13	Pass
	1907.5	Outer_Full	7.14	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	7.49	/	/	<=13	Pass
	1882.5	Outer_Full	7.45	/	/	<=13	Pass
	1907.5	Outer_Full	7.04	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	7.73	/	/	<=13	Pass
	1882.5	Outer_Full	7.73	/	/	<=13	Pass
	1907.5	Outer_Full	7.37	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	8.33	/	/	<=13	Pass
	1882.5	Outer_Full	8.27	/	/	<=13	Pass
	1907.5	Outer_Full	8.34	/	/	<=13	Pass

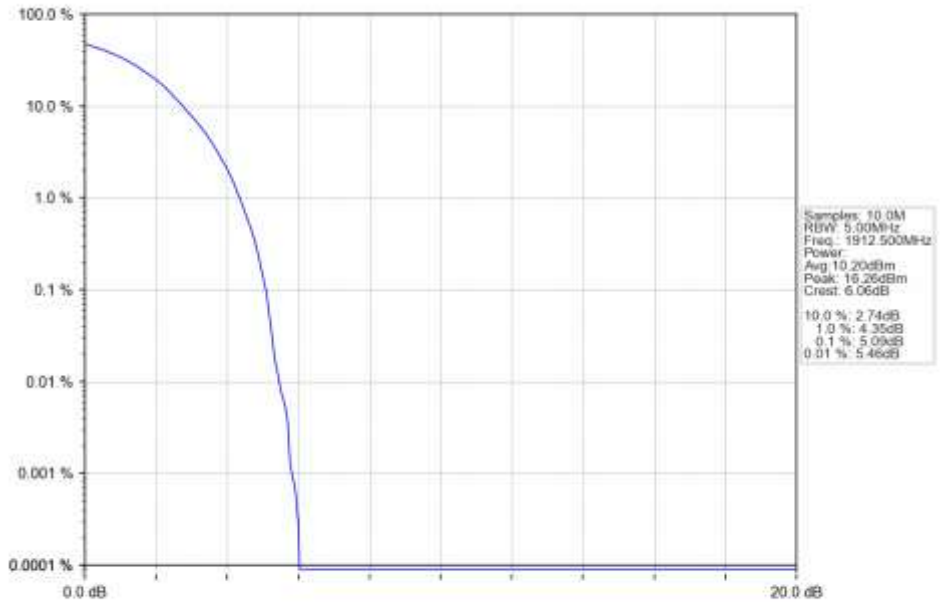
5.1.7 30k_SISO_20MHz_NTNV

5G NR n25 SCS=30kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Outer_Full	5.23	/	/	<=13	Pass
	1882.5	Outer_Full	5.18	/	/	<=13	Pass
	1905	Outer_Full	5.08	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	5.82	/	/	<=13	Pass
	1882.5	Outer_Full	5.89	/	/	<=13	Pass
	1905	Outer_Full	5.75	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	6.02	/	/	<=13	Pass
	1882.5	Outer_Full	6.14	/	/	<=13	Pass
	1905	Outer_Full	5.97	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	6.60	/	/	<=13	Pass
	1882.5	Outer_Full	6.64	/	/	<=13	Pass
	1905	Outer_Full	6.56	/	/	<=13	Pass
CP-OFDM QPSK	1860	Outer_Full	7.52	/	/	<=13	Pass
	1882.5	Outer_Full	7.59	/	/	<=13	Pass
	1905	Outer_Full	7.31	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer_Full	7.43	/	/	<=13	Pass
	1882.5	Outer_Full	7.54	/	/	<=13	Pass
	1905	Outer_Full	7.24	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer_Full	7.65	/	/	<=13	Pass
	1882.5	Outer_Full	7.77	/	/	<=13	Pass
	1905	Outer_Full	7.52	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer_Full	8.32	/	/	<=13	Pass
	1882.5	Outer_Full	8.32	/	/	<=13	Pass
	1905	Outer_Full	8.30	/	/	<=13	Pass

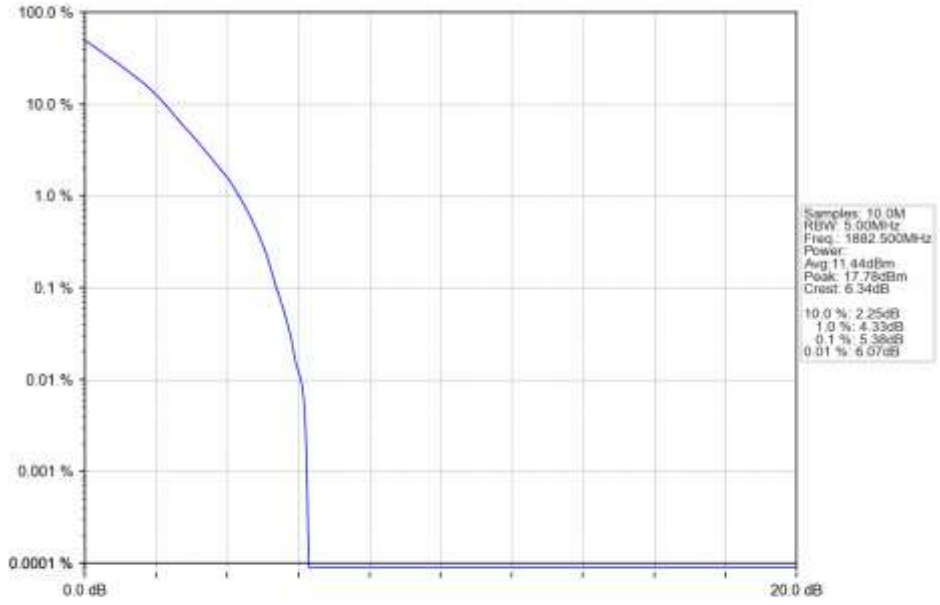
5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

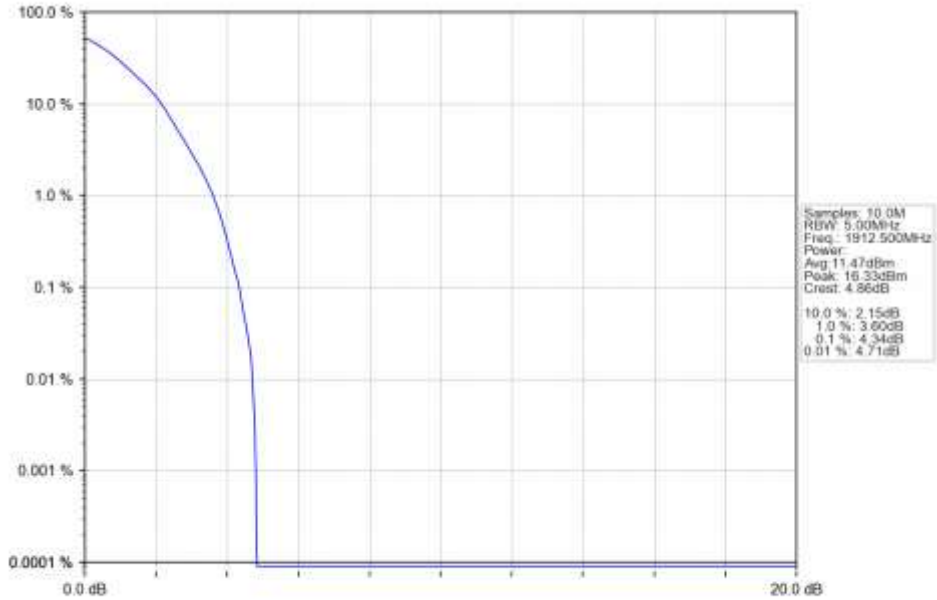
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1

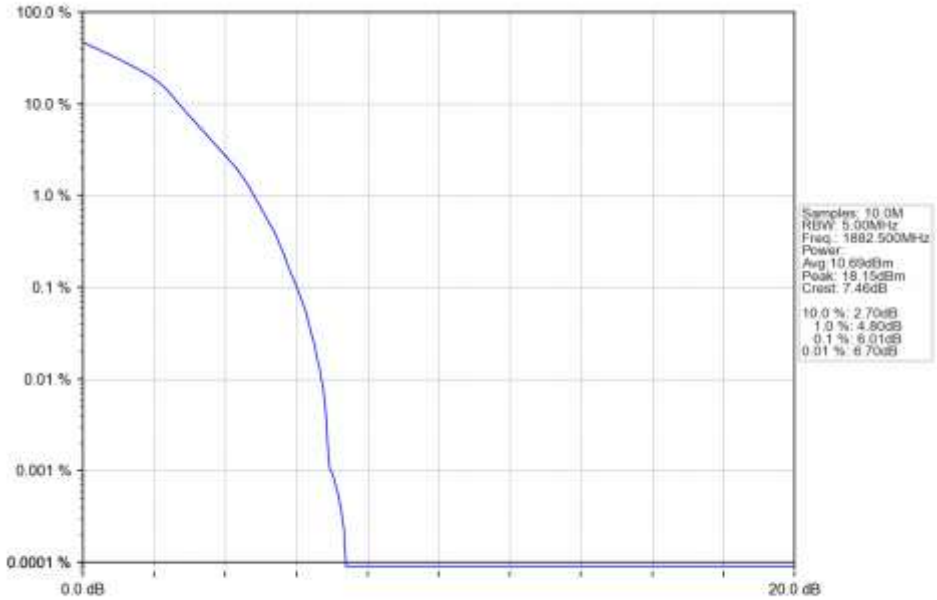


n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Outer_Full_Ant1

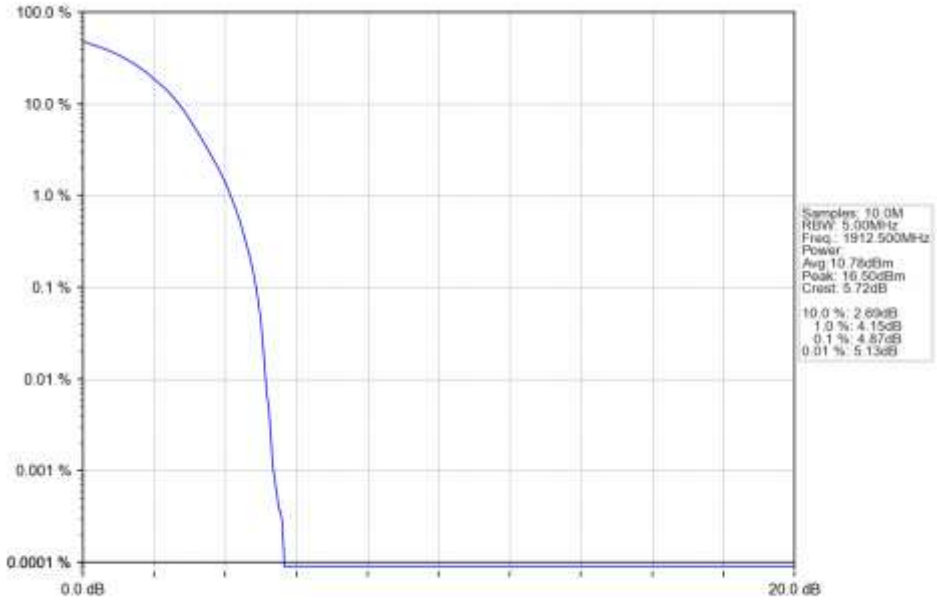


n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1852.5MHz_Outer_Full_Ant1

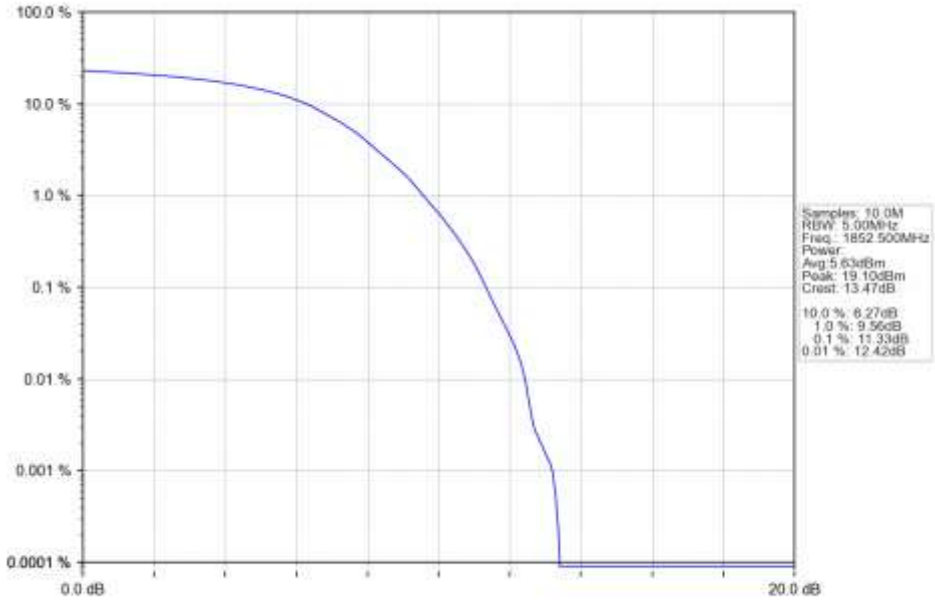
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



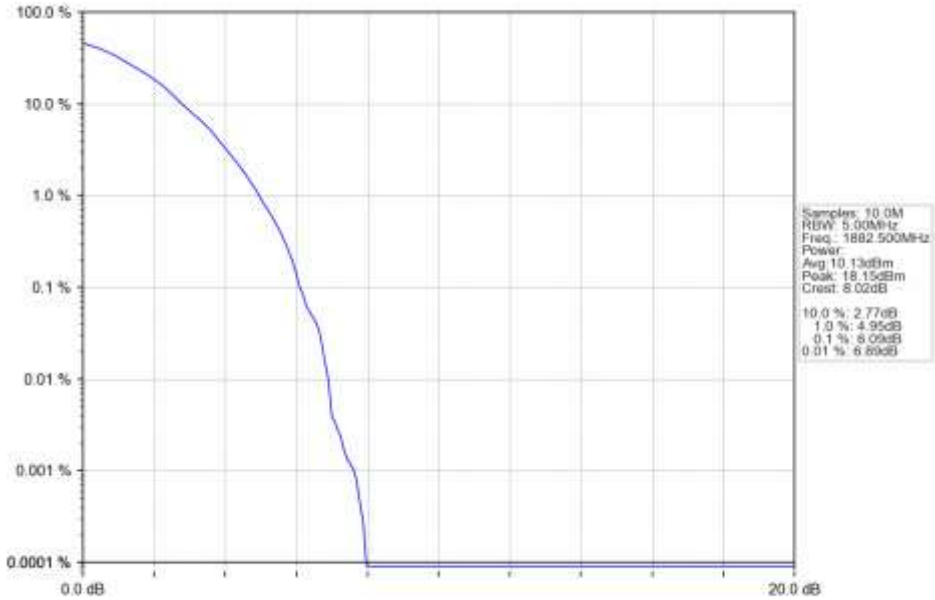
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1912.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1852.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



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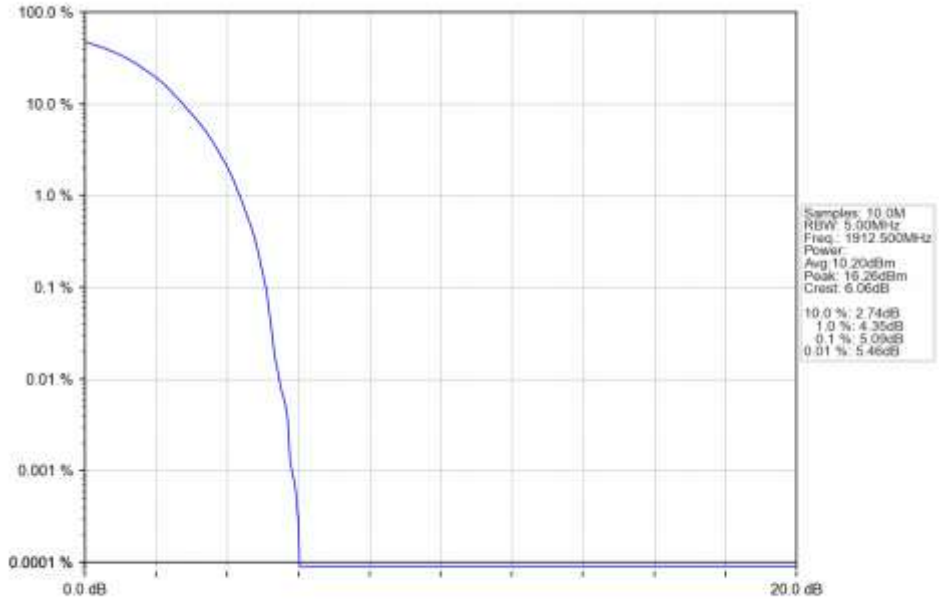
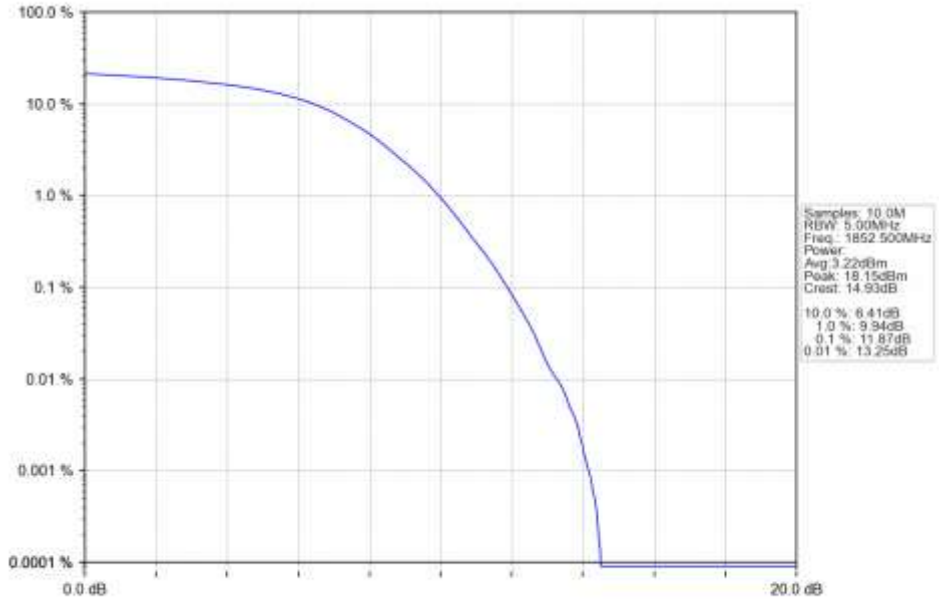
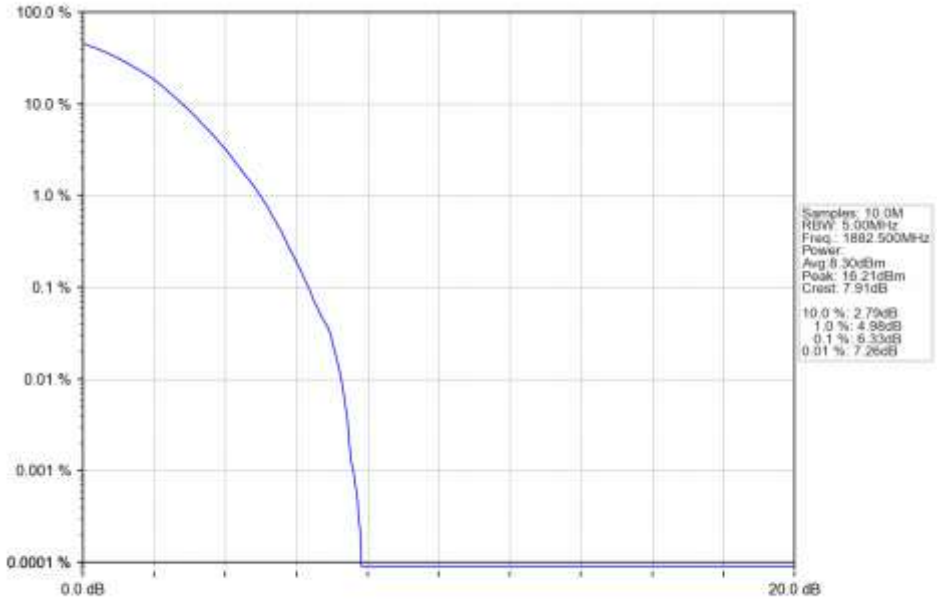


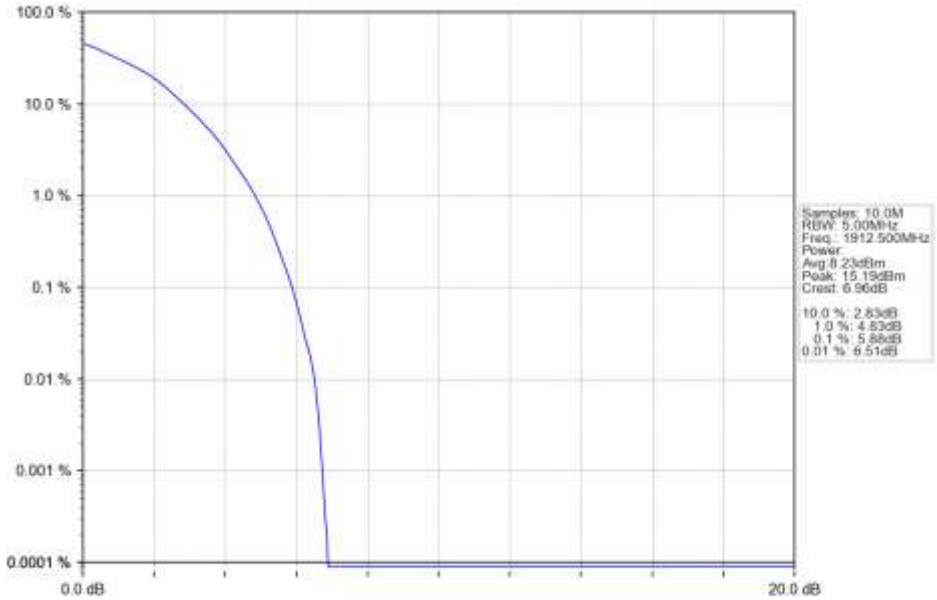
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1852.5MHz_Outer_Full_Ant1



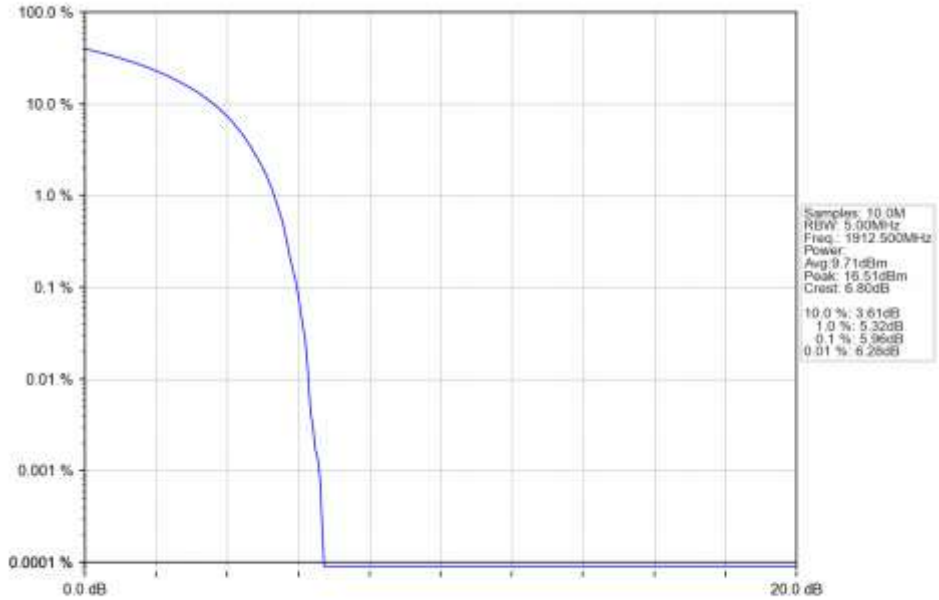
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



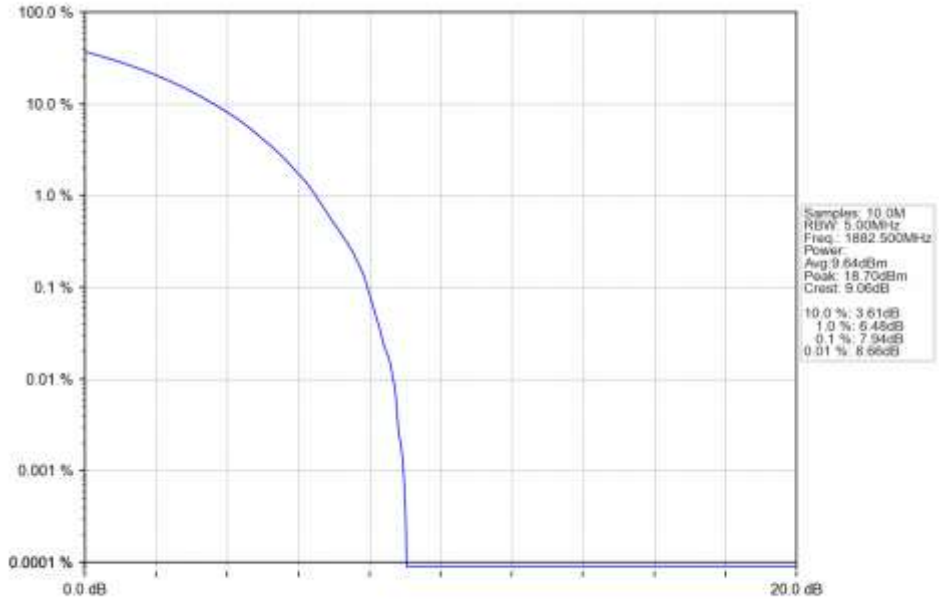
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1912.5MHz_Outer_Full_Ant1



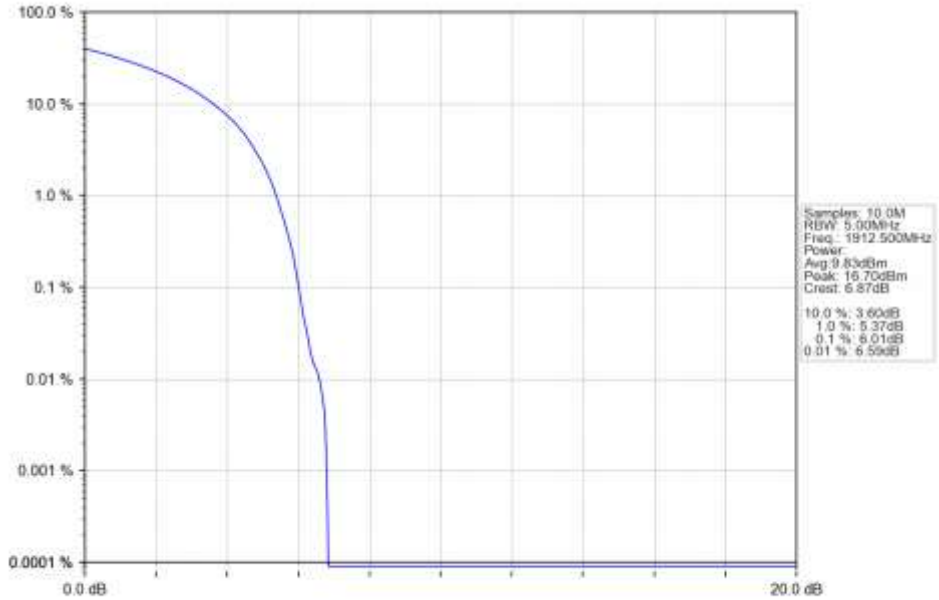
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full_Ant1



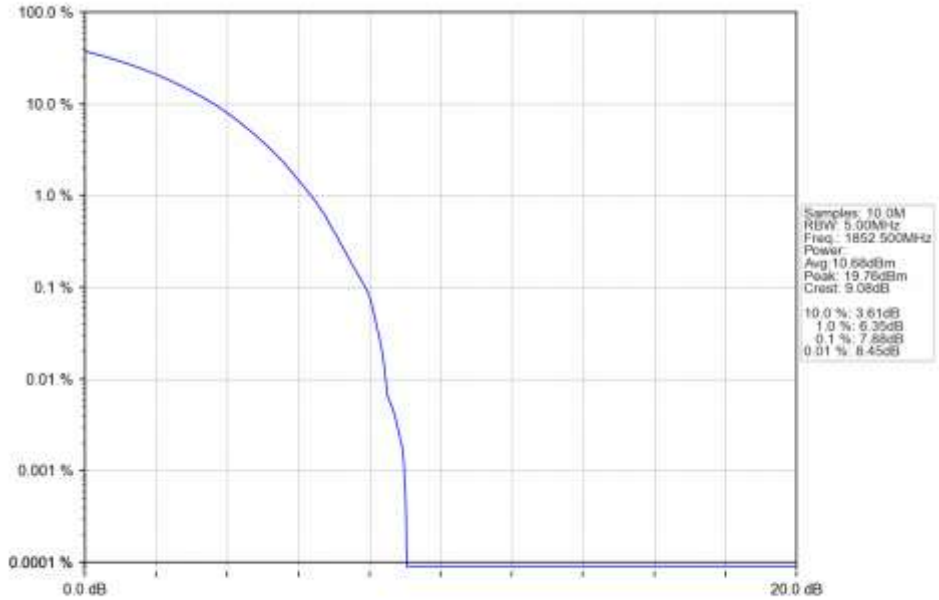
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



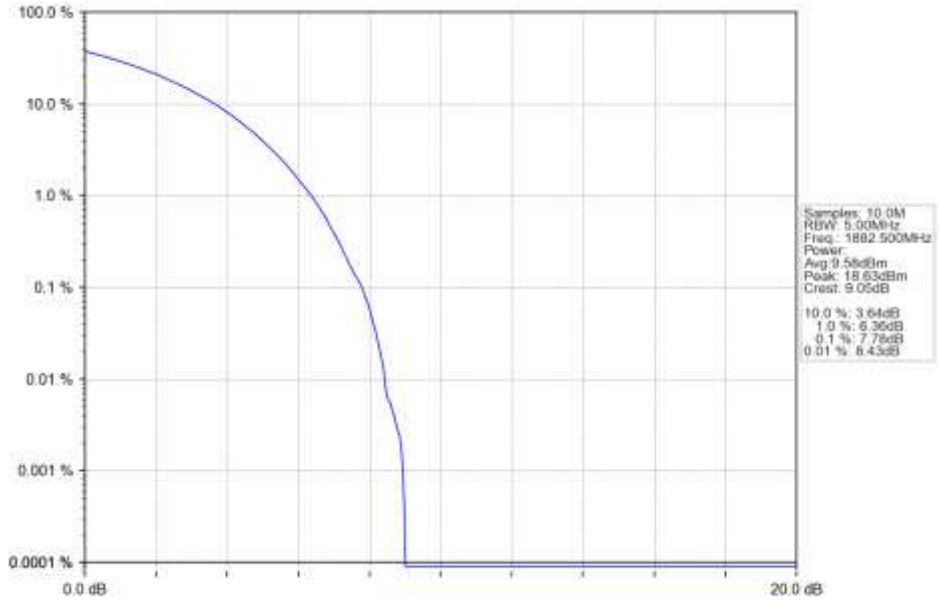
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Outer_Full_Ant1



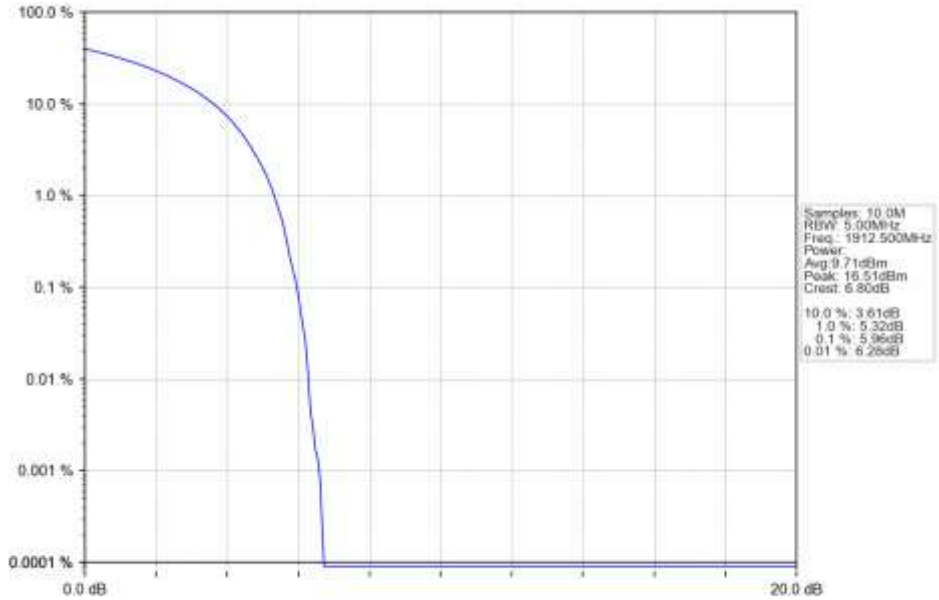
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1852.5MHz_Outer_Full_Ant1



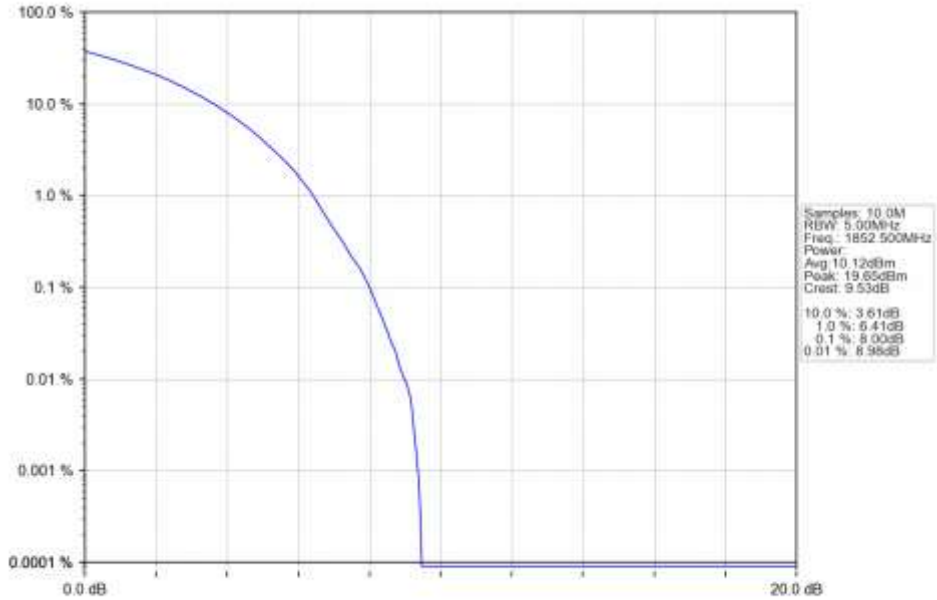
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



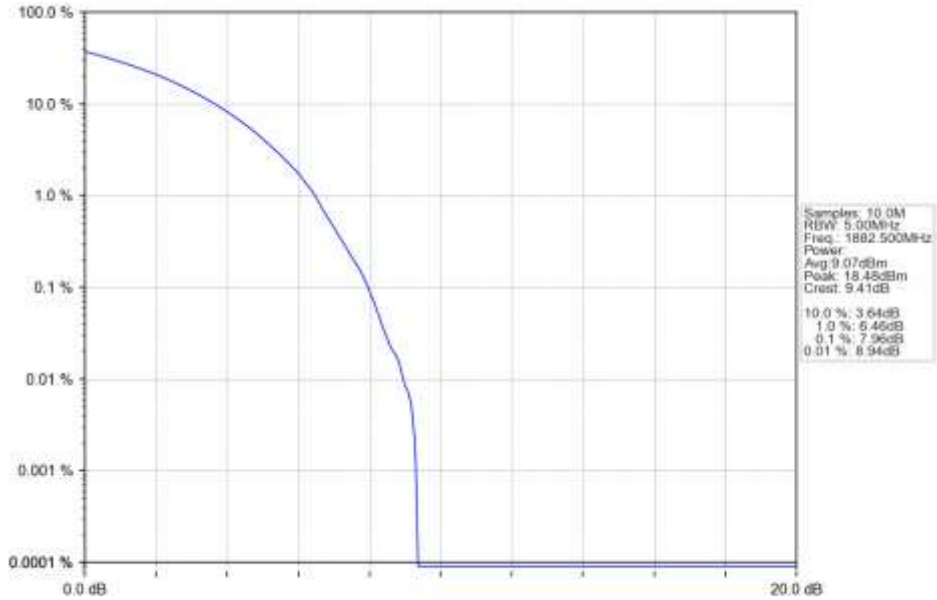
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1912.5MHz_Outer_Full_Ant1



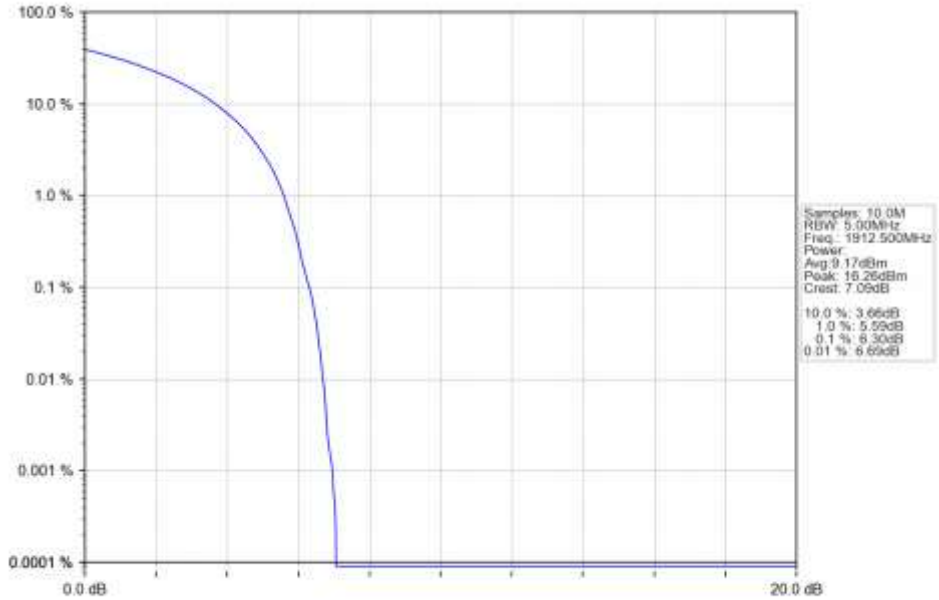
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1852.5MHz_Outer_Full_Ant1



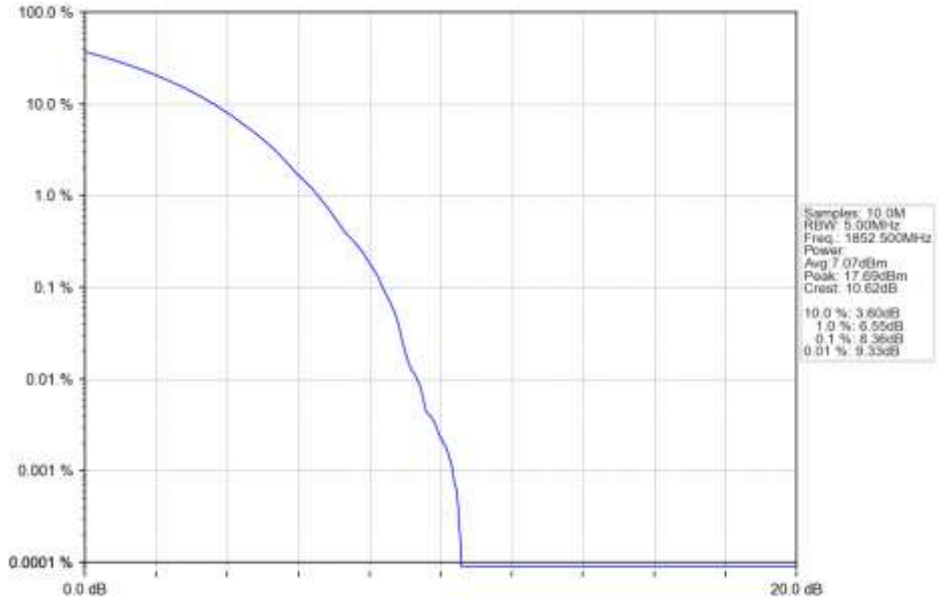
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



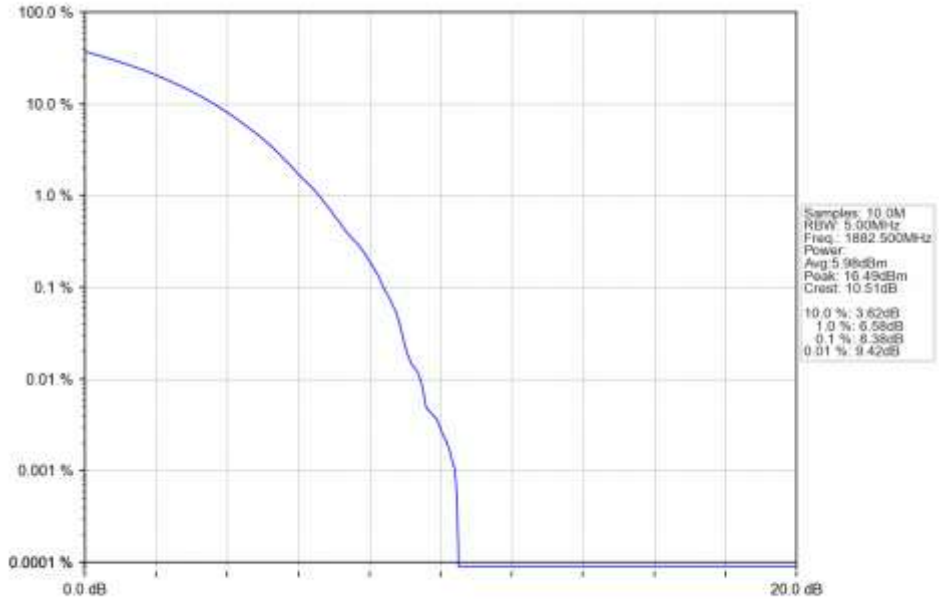
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1912.5MHz_Outer_Full_Ant1



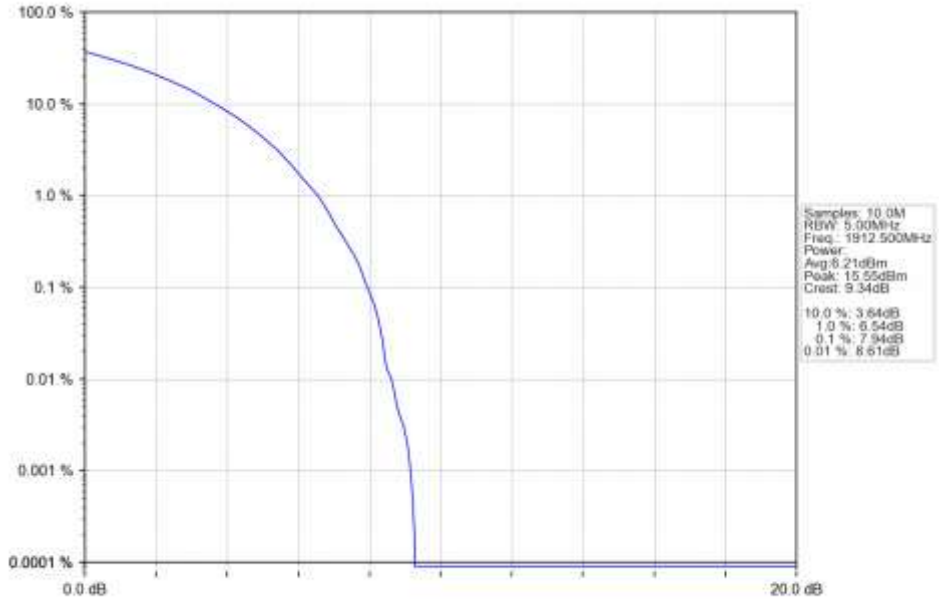
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1852.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

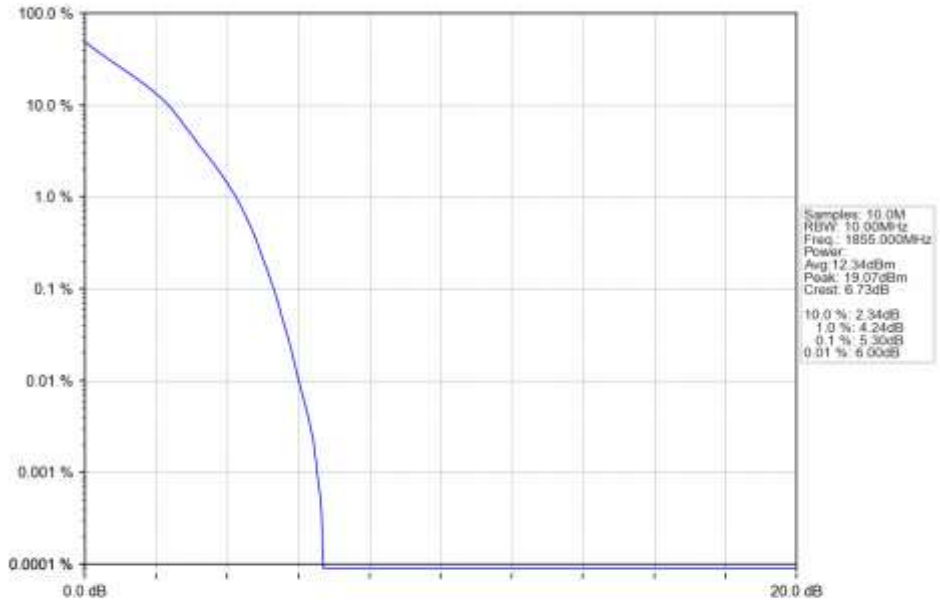


n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1912.5MHz_Outer_Full_Ant1

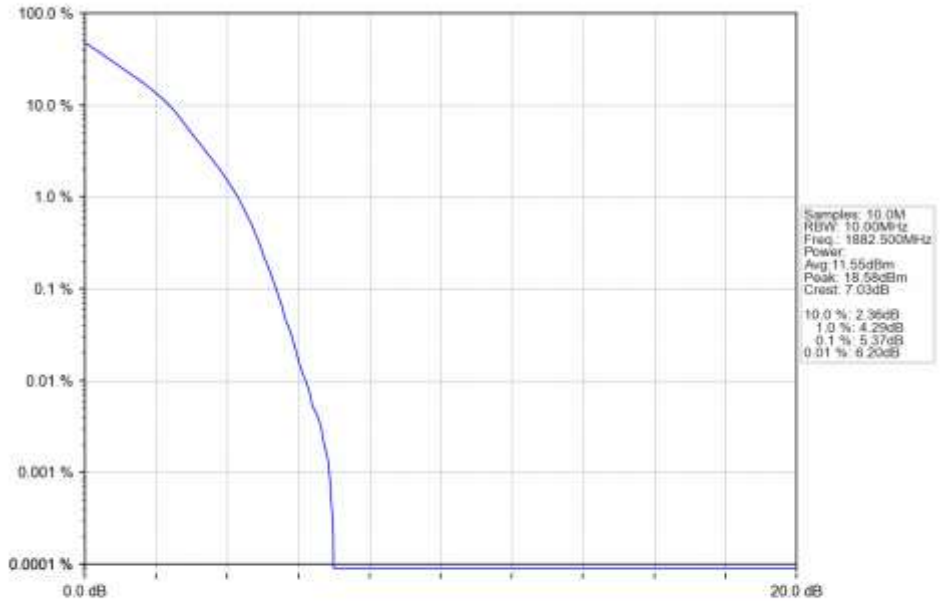


5.2.2 15k_SISO_10MHz_NTNV

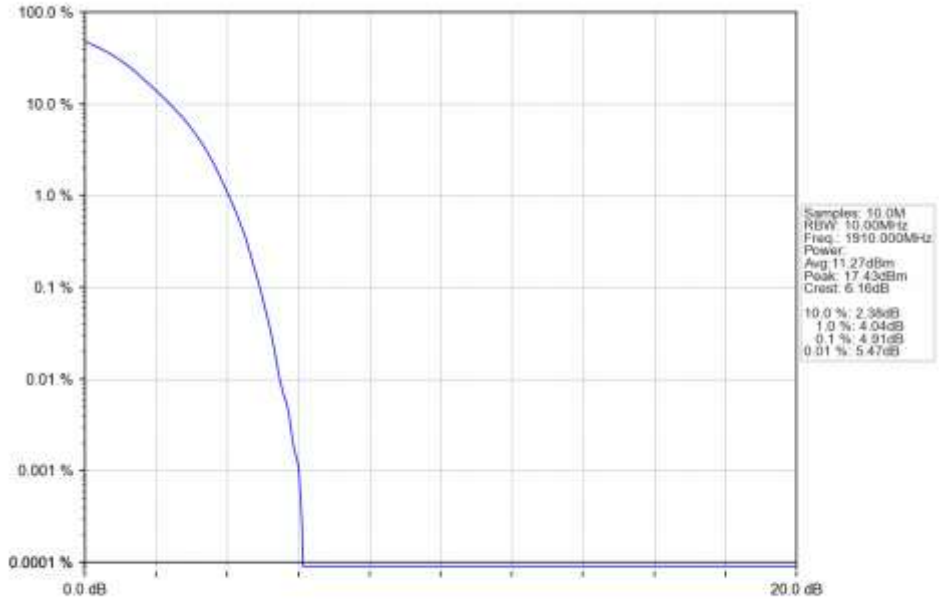
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full_Ant1



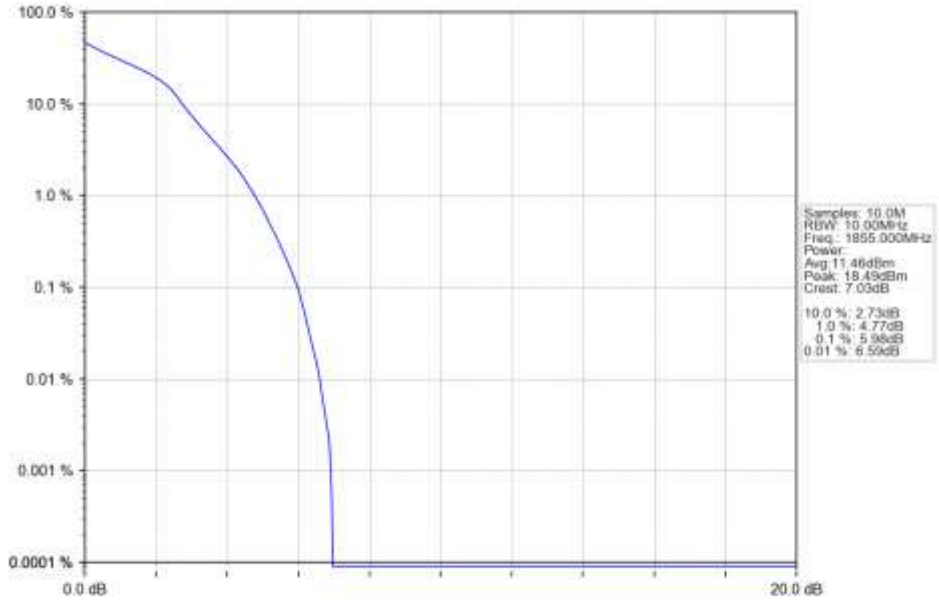
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Outer_Full_Ant1

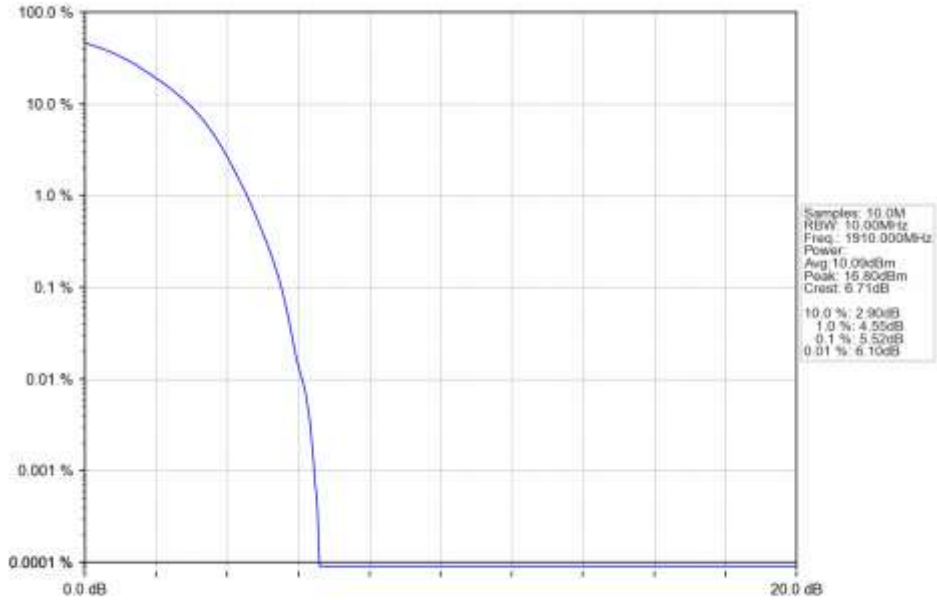


n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1855MHz_Outer_Full_Ant1

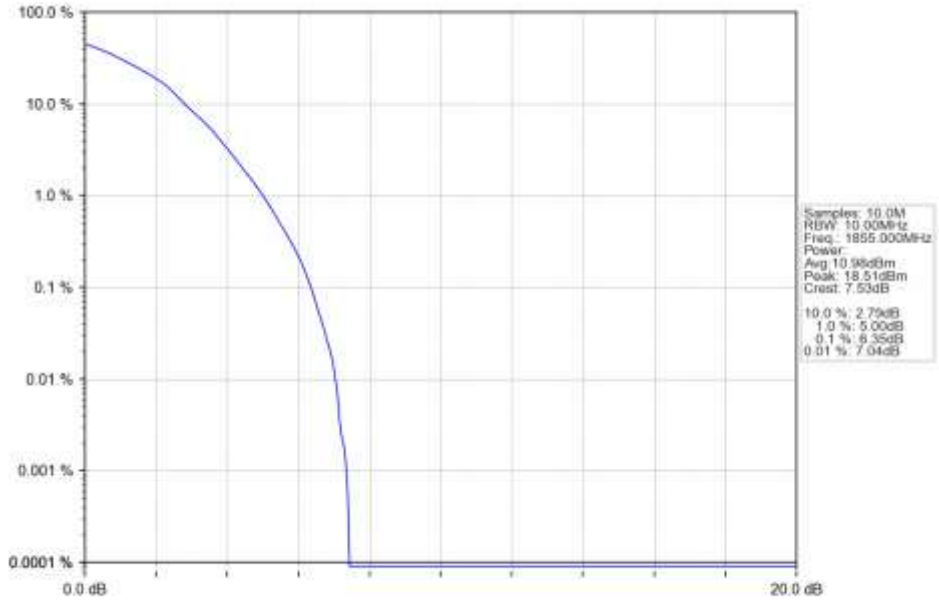


n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1

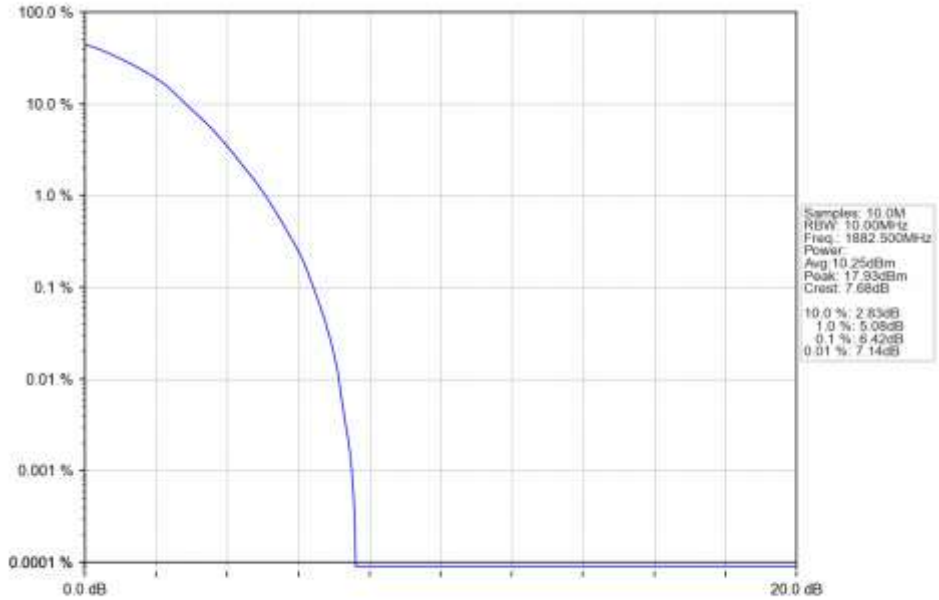
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1910MHz_Outer_Full_Ant1



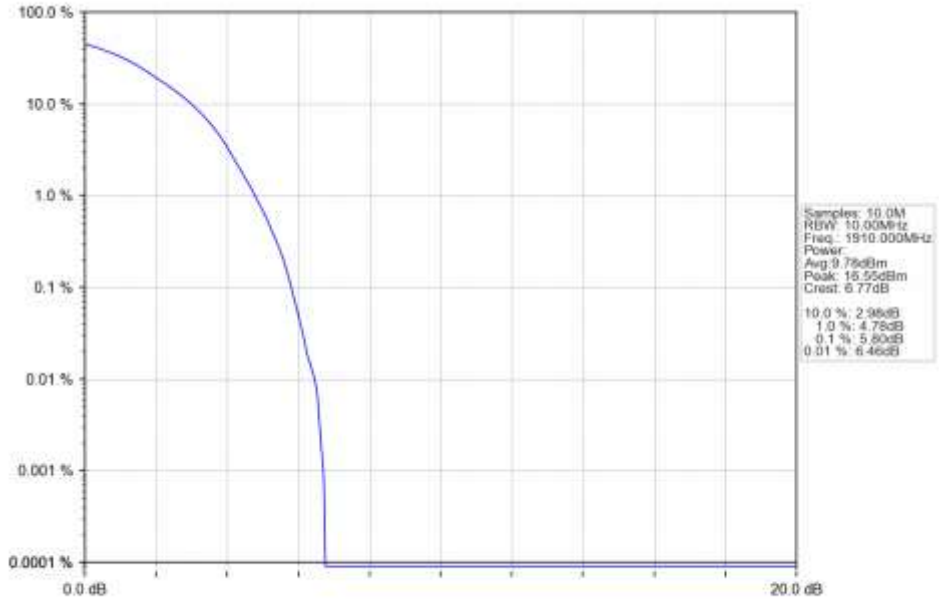
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1855MHz_Outer_Full_Ant1



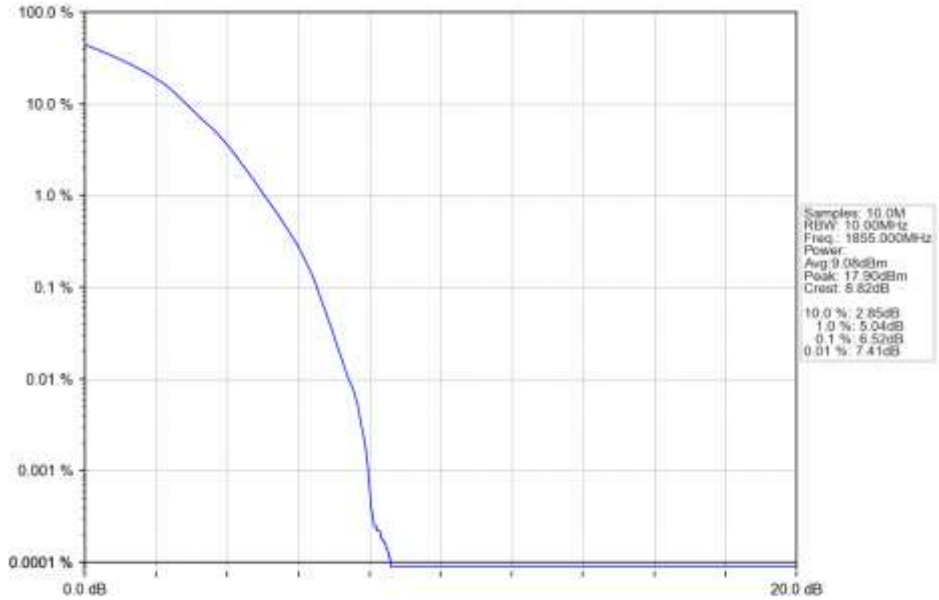
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



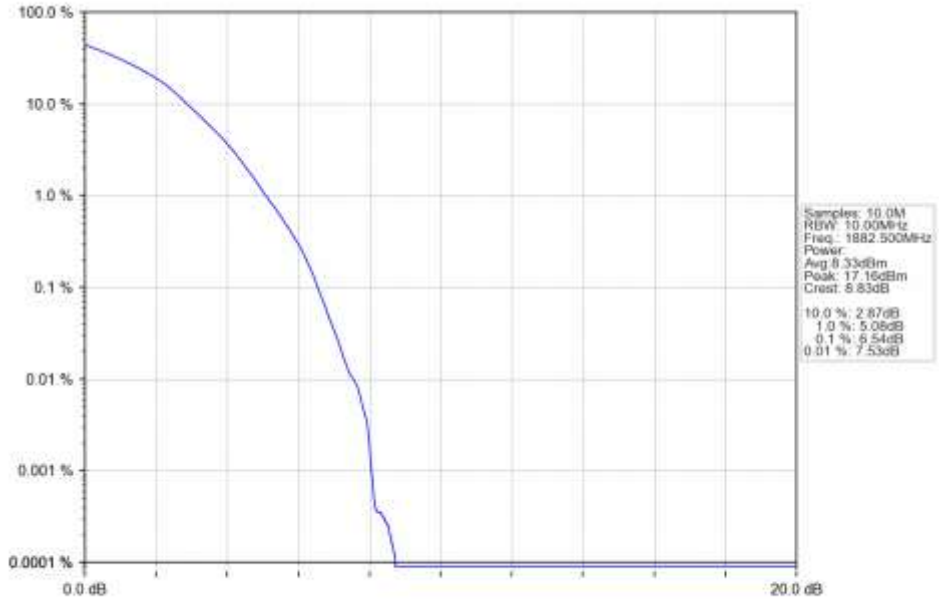
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1910MHz_Outer_Full_Ant1



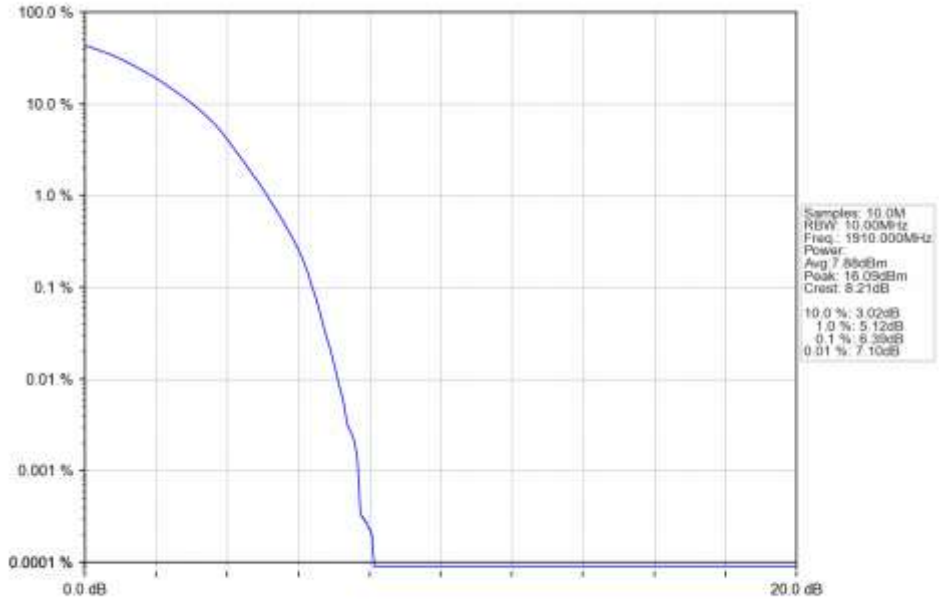
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full_Ant1



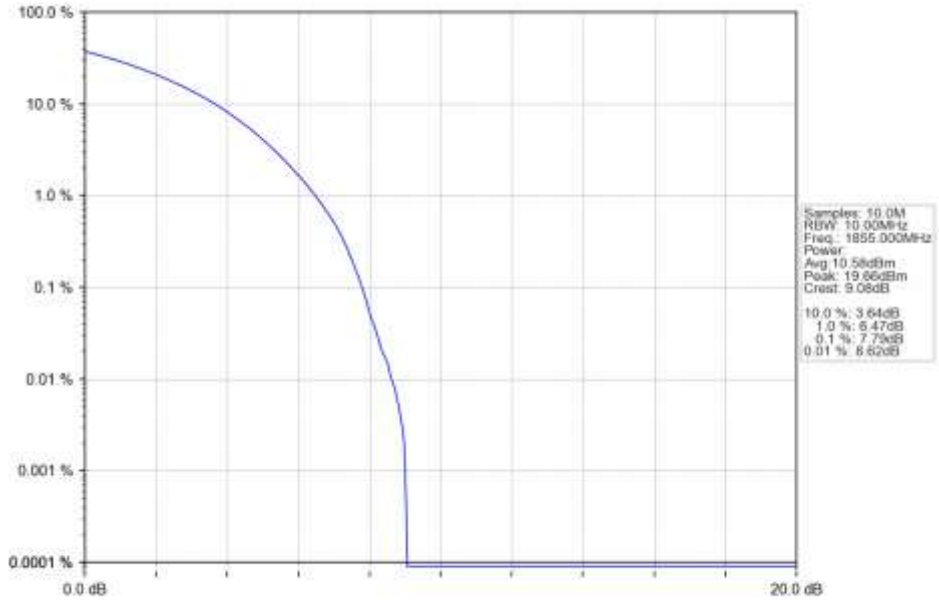
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



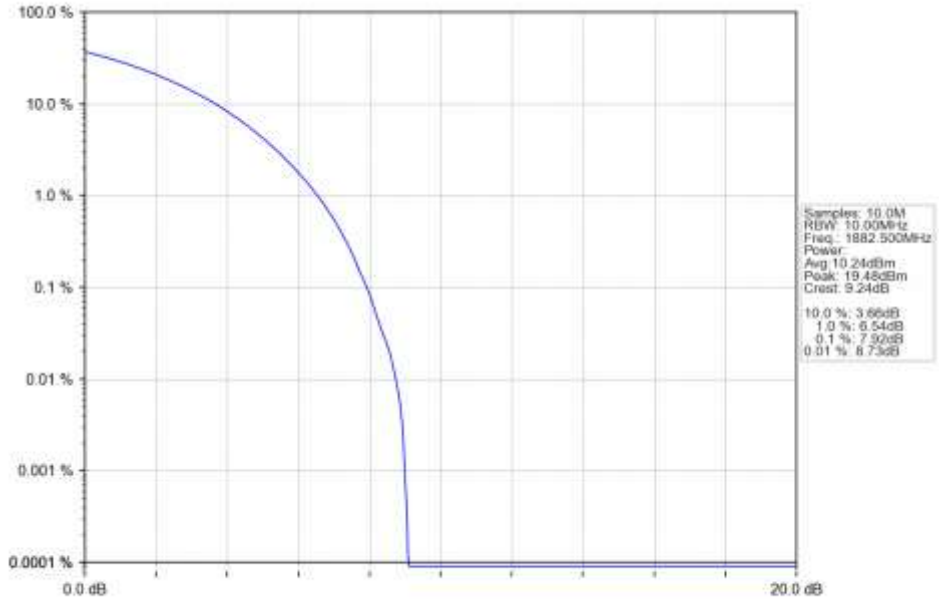
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1910MHz_Outer_Full_Ant1



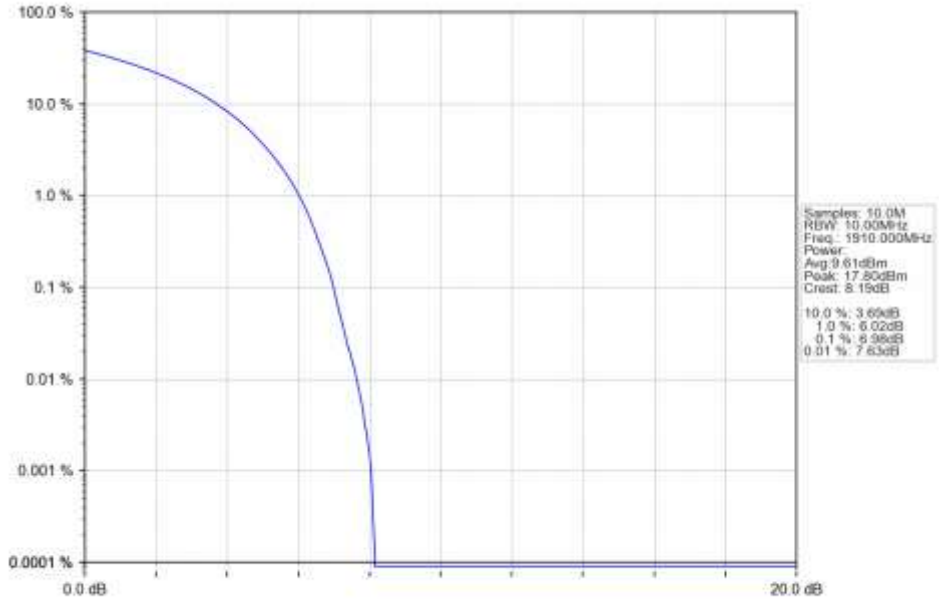
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full_Ant1



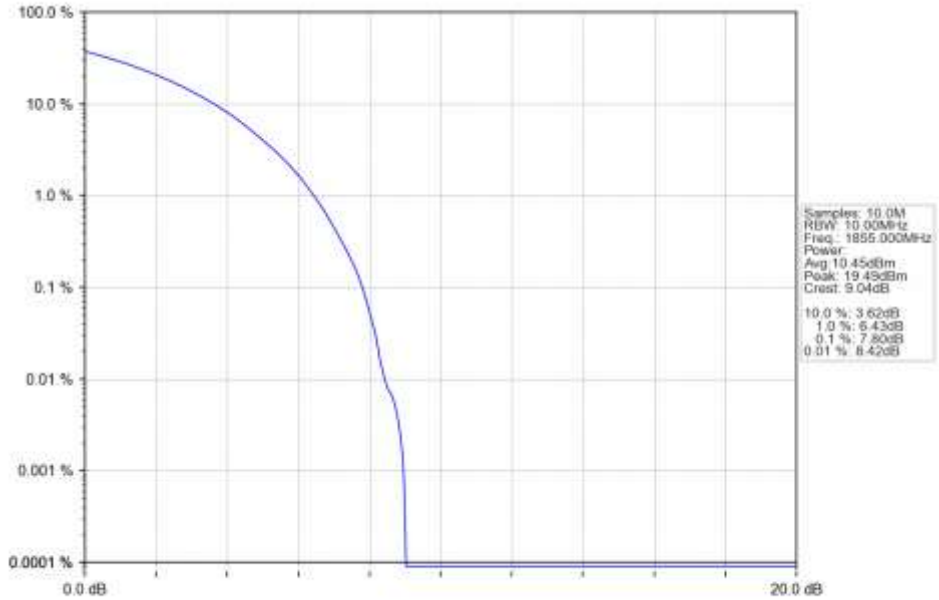
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



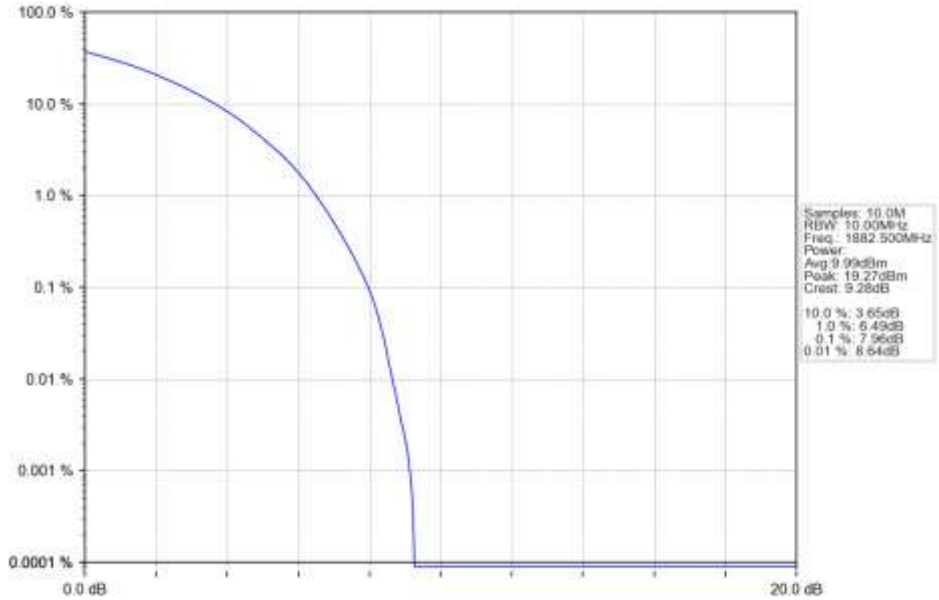
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1910MHz_Outer_Full_Ant1



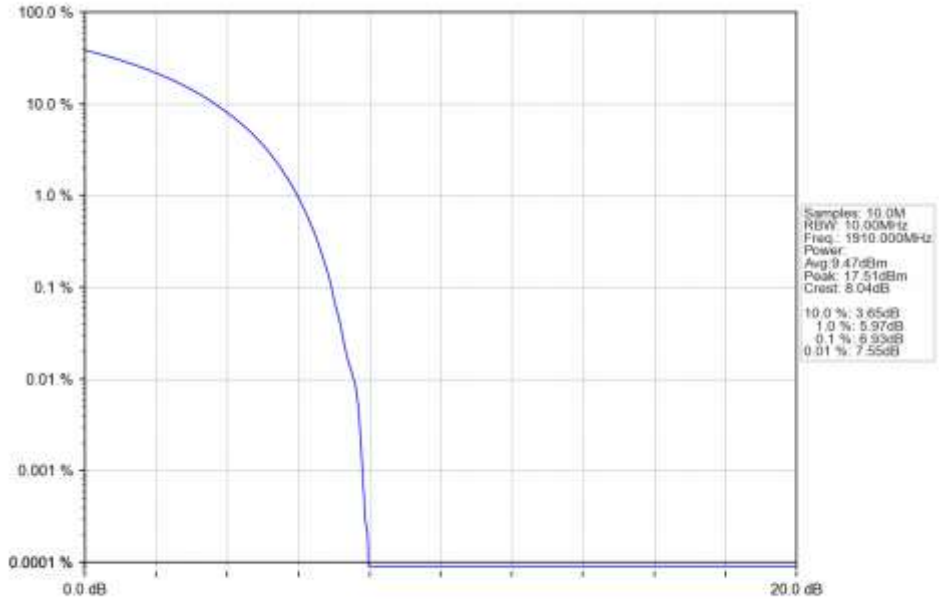
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1855MHz_Outer_Full_Ant1



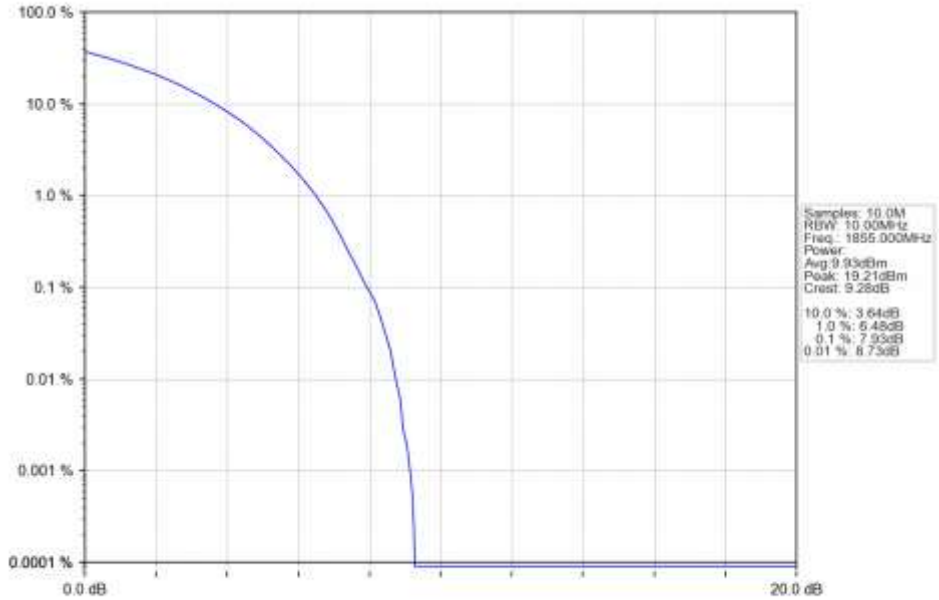
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



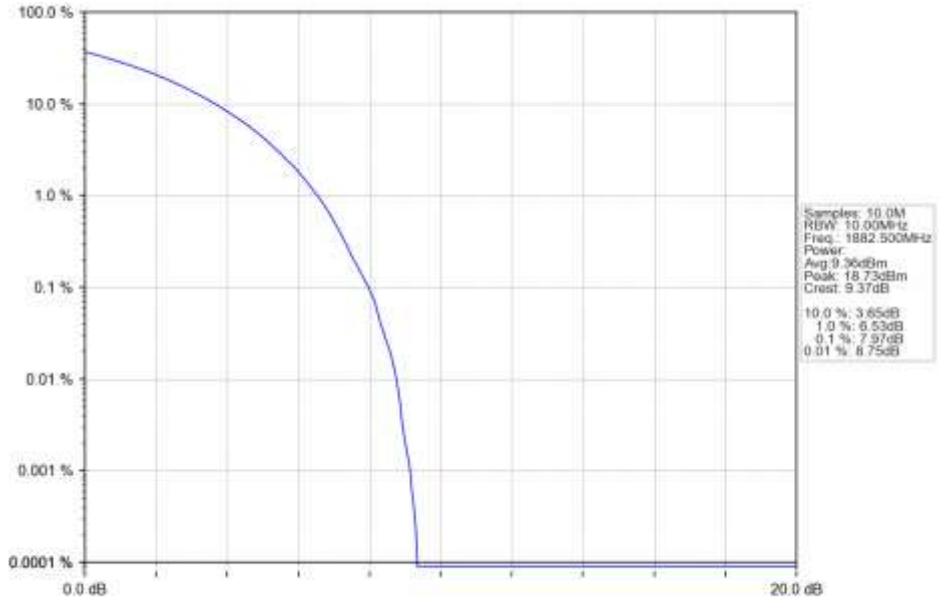
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1910MHz_Outer_Full_Ant1



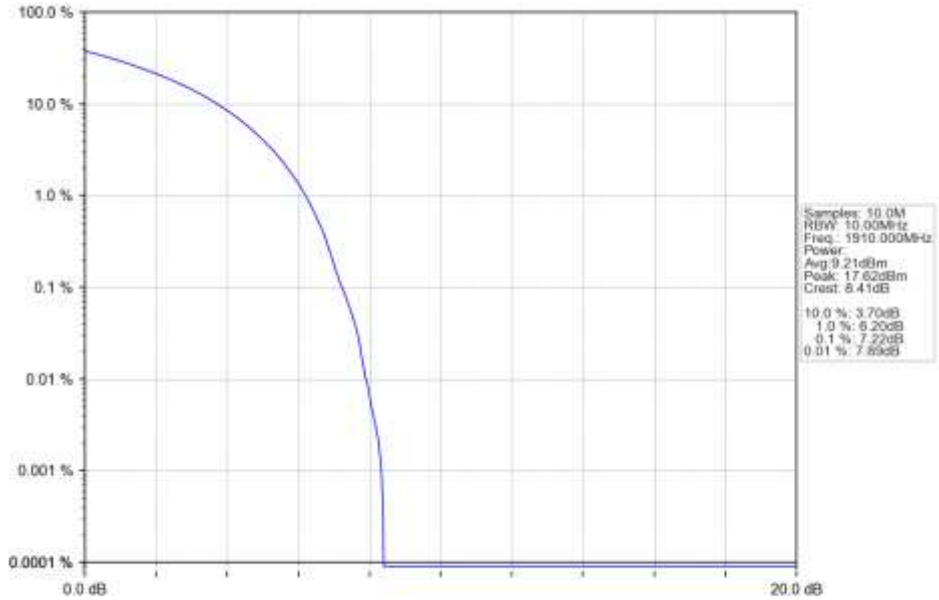
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1855MHz_Outer_Full_Ant1



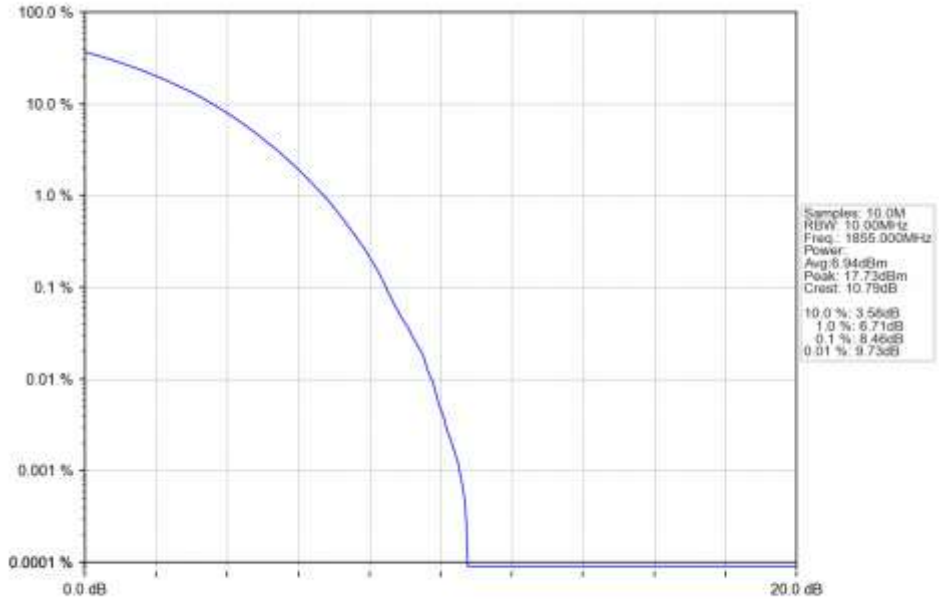
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



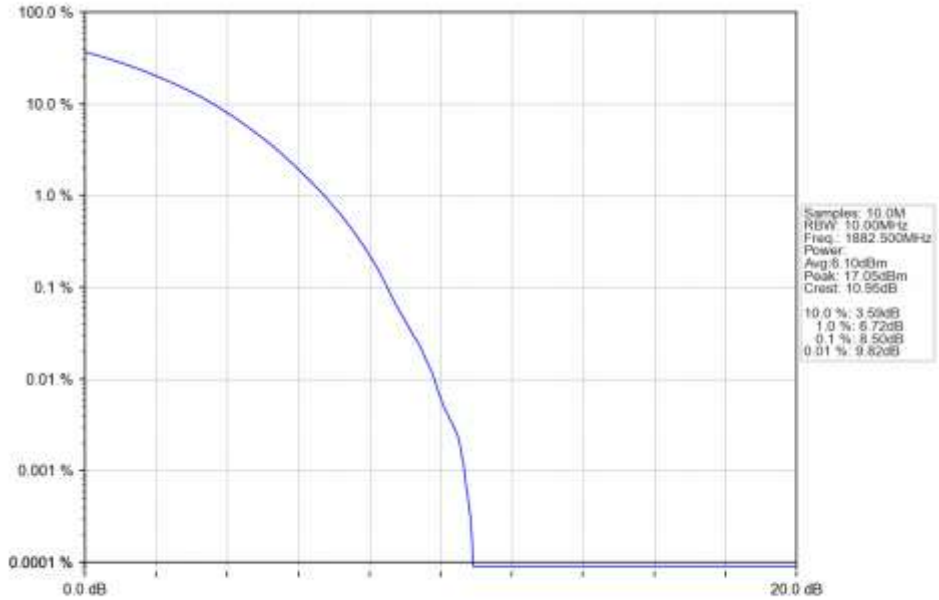
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1910MHz_Outer_Full_Ant1



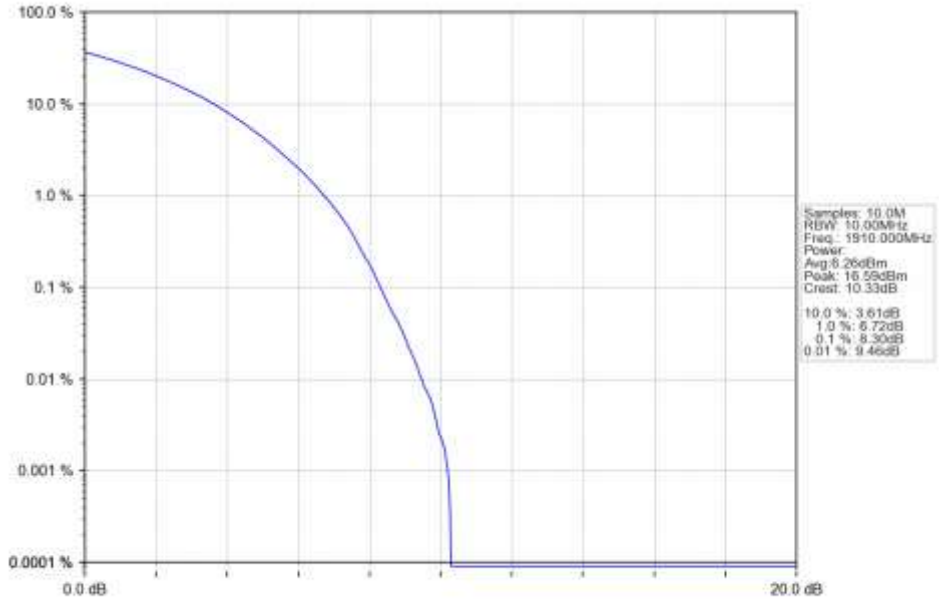
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1855MHz_Outer_Full_Ant1



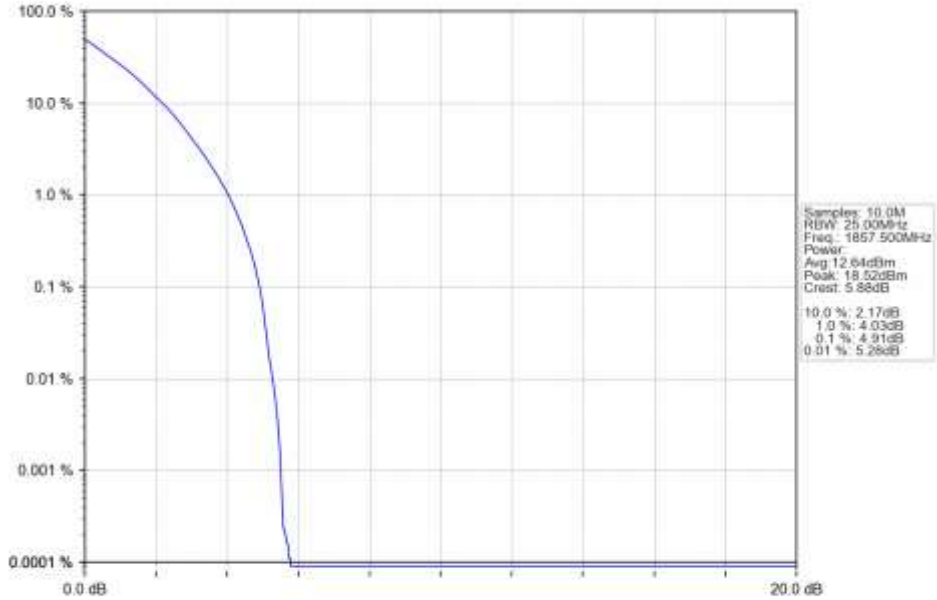
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

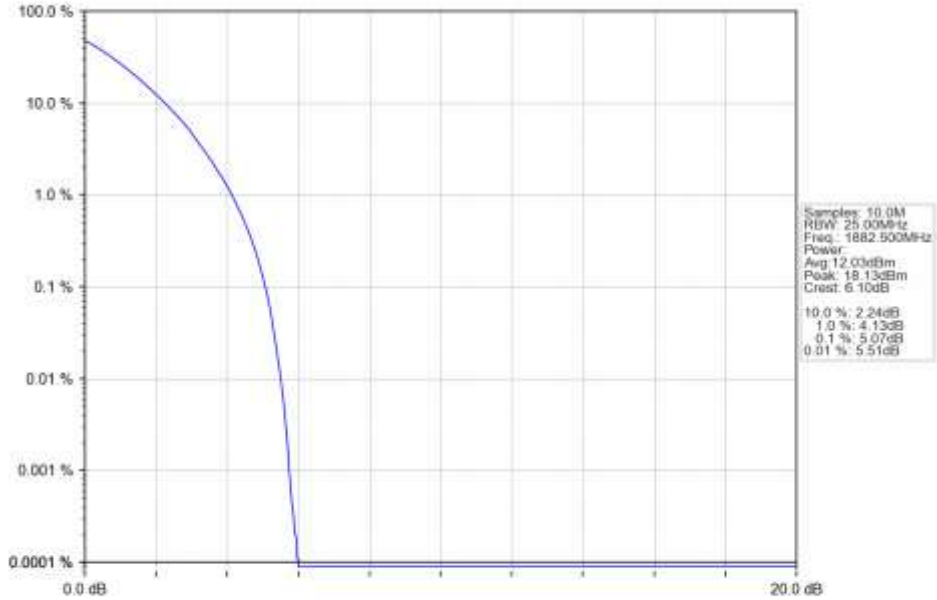


n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1910MHz_Outer_Full_Ant1



5.2.3 15k_SISO_15MHz_NTNV

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Outer_Full_Ant1


n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1882.5MHz_Outer_Full_Ant1


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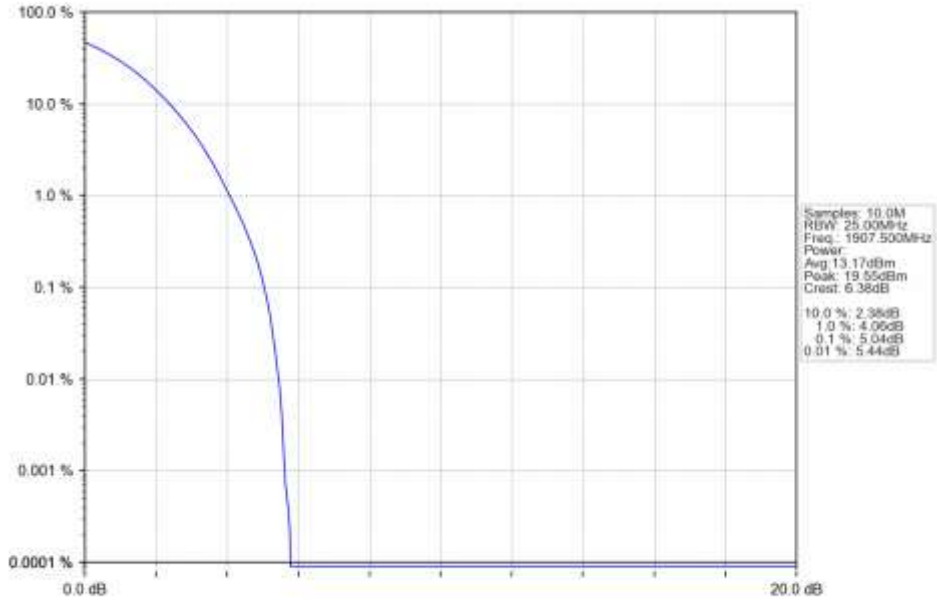
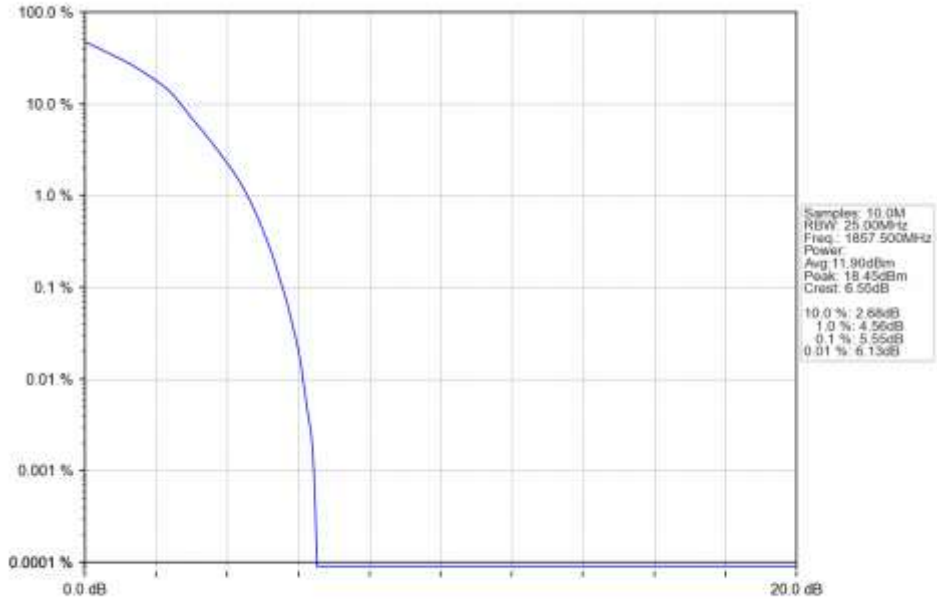


n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1857.5MHz_Outer_Full_Ant1



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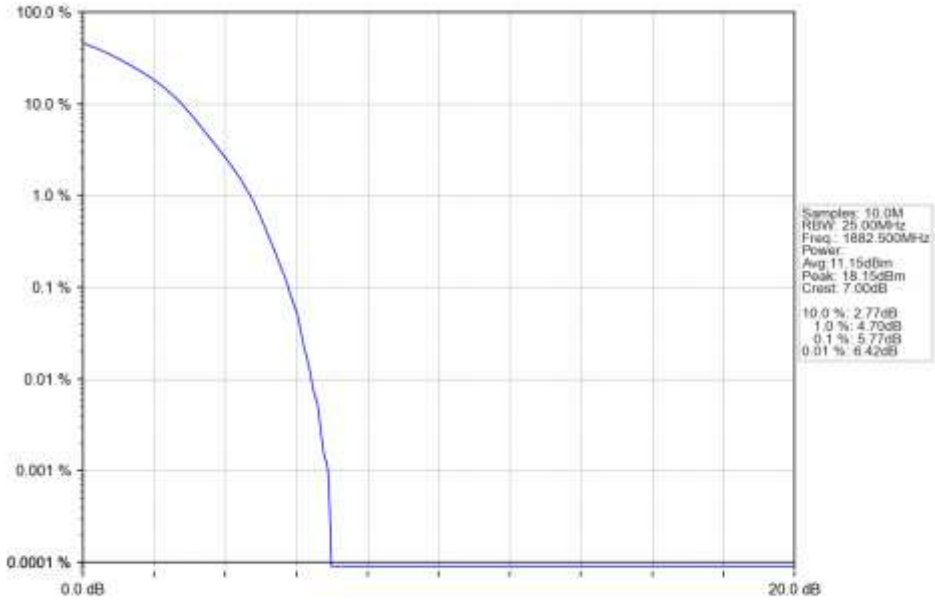

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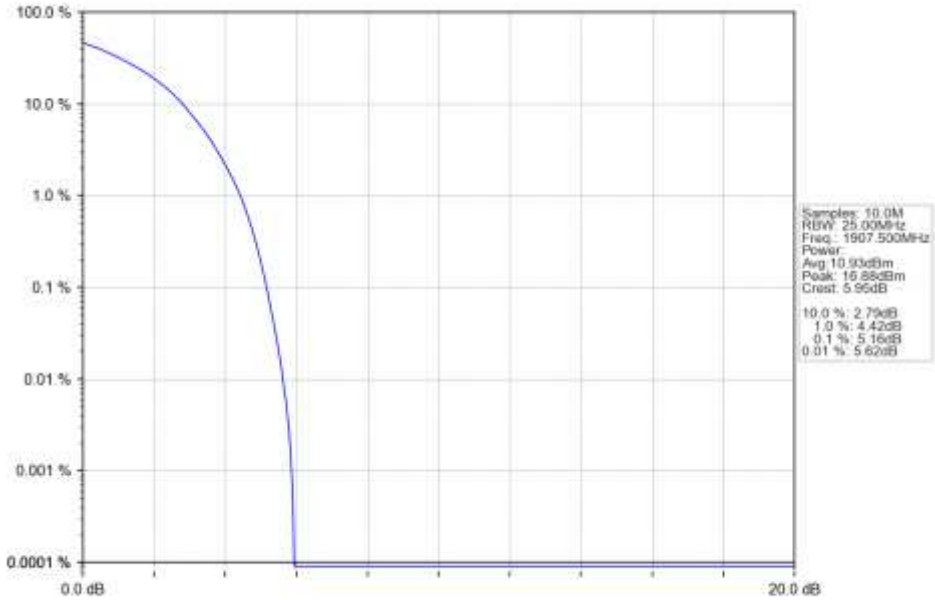
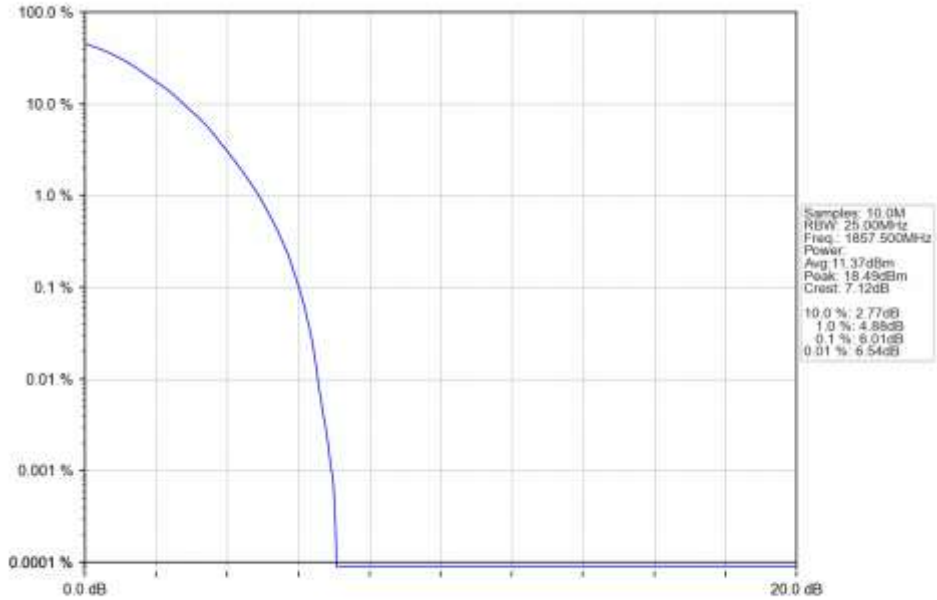


n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1857.5MHz_Outer_Full_Ant1



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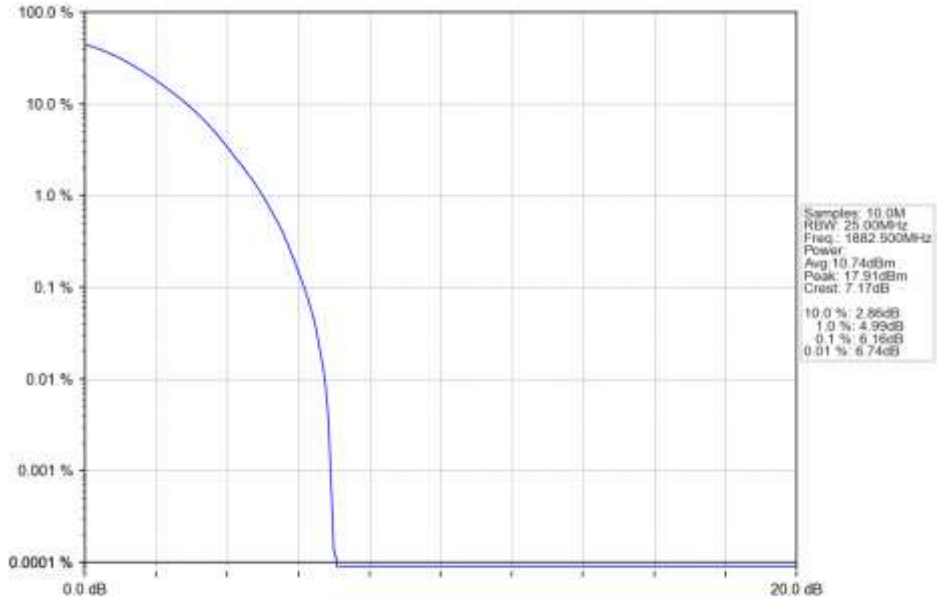
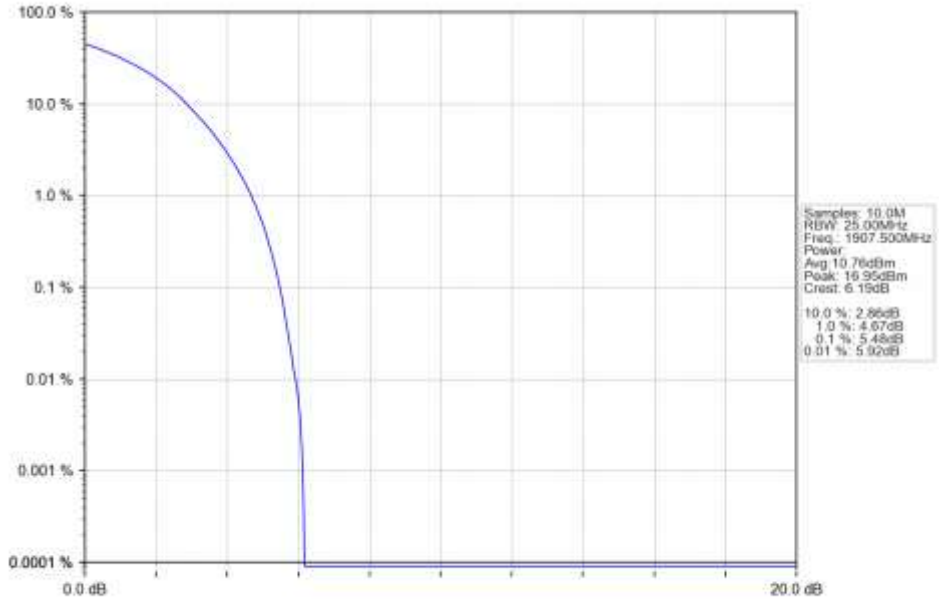
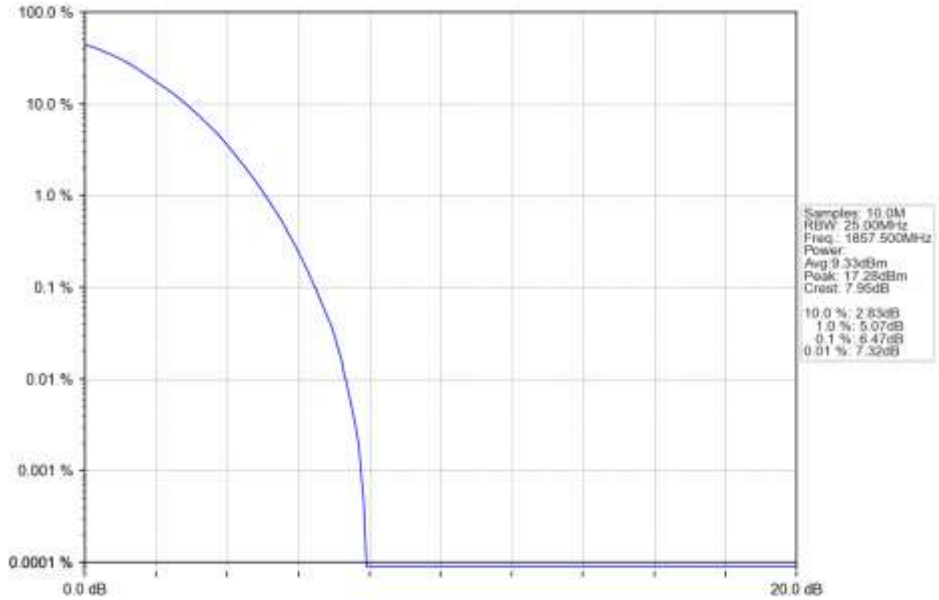


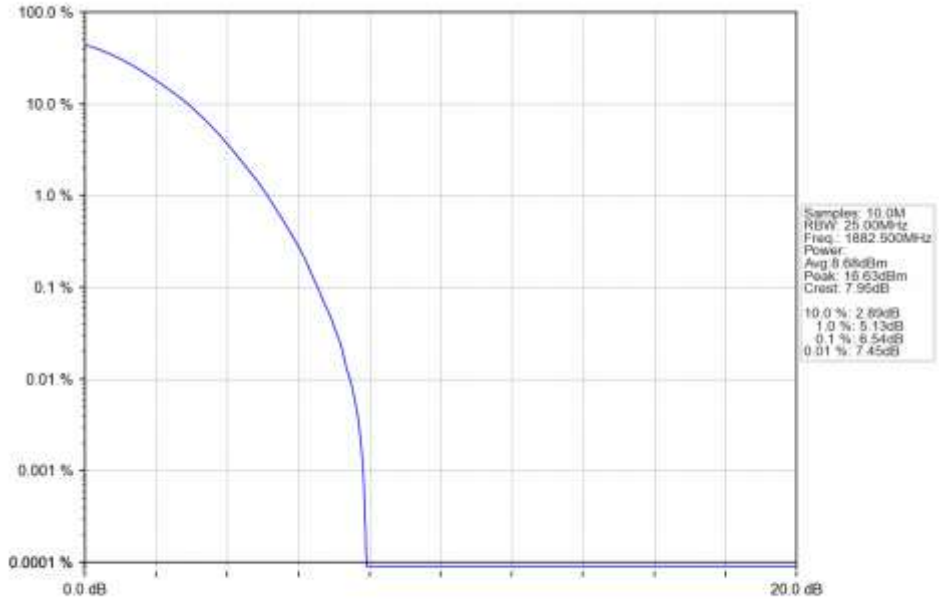
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1907.5MHz_Outer_Full_Ant1



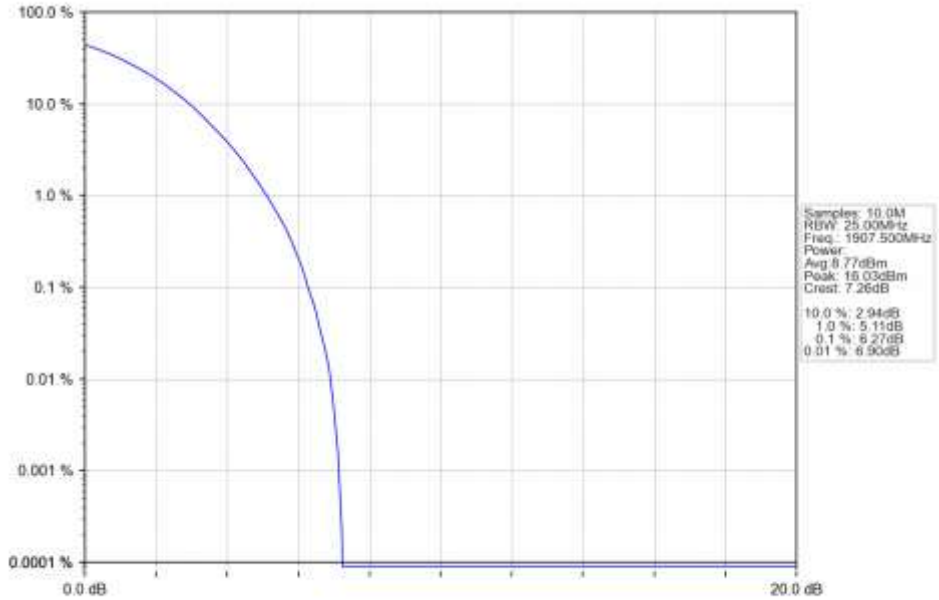
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



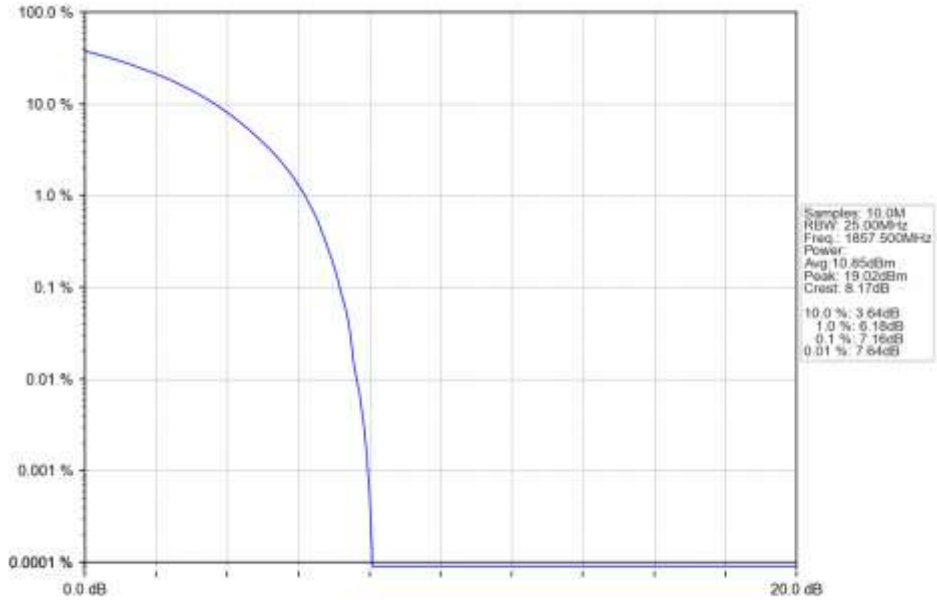
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1907.5MHz_Outer_Full_Ant1

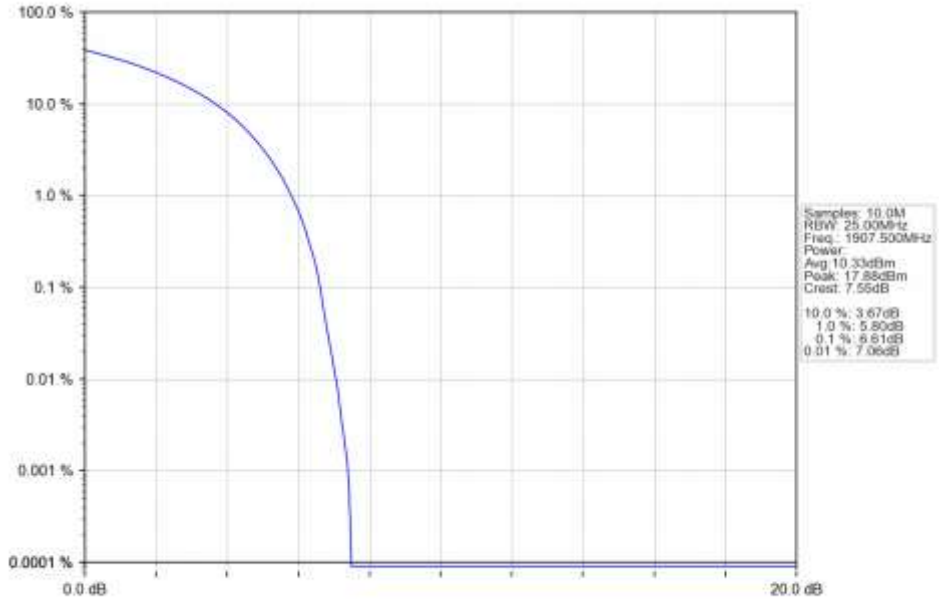


n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Outer_Full_Ant1

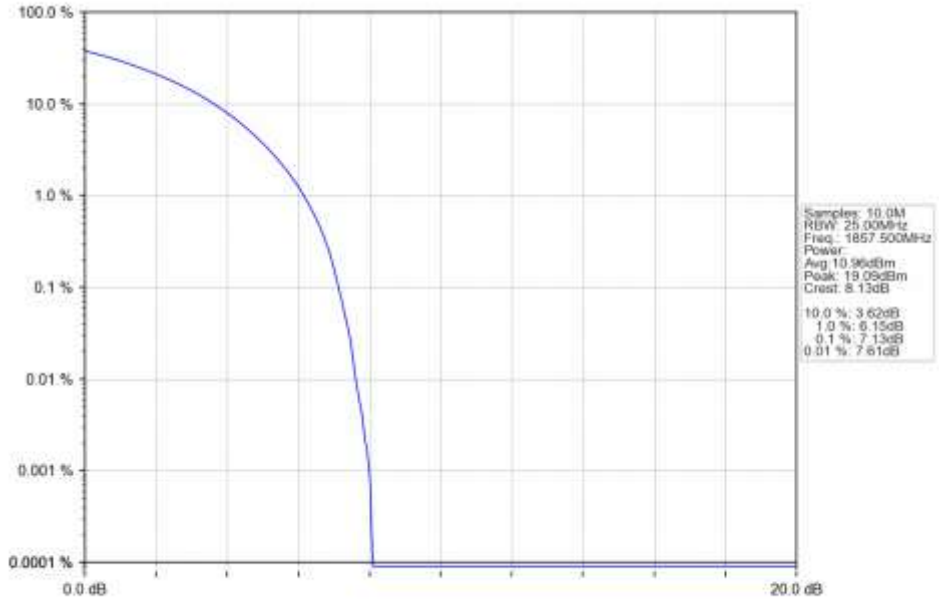


n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1

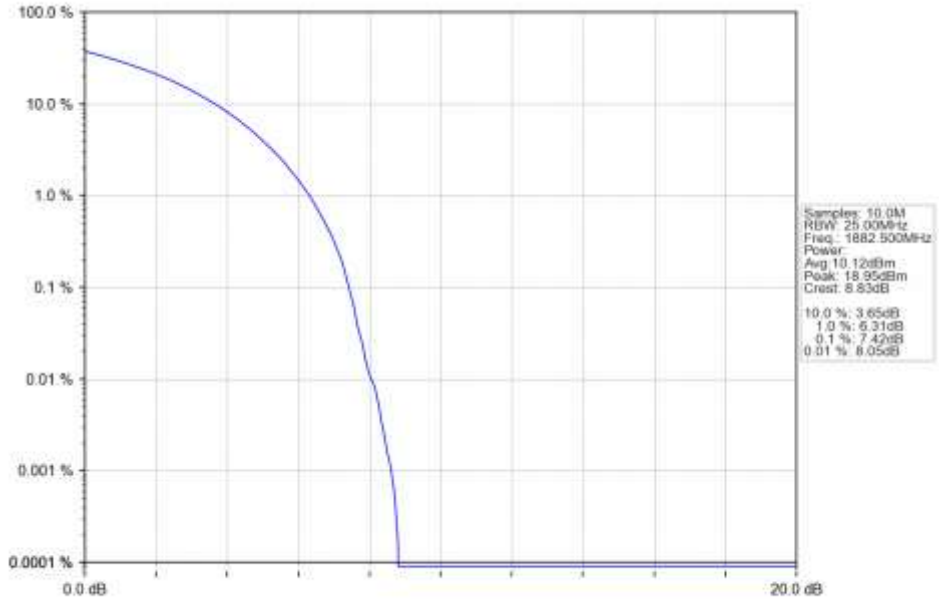
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1907.5MHz_Outer_Full_Ant1



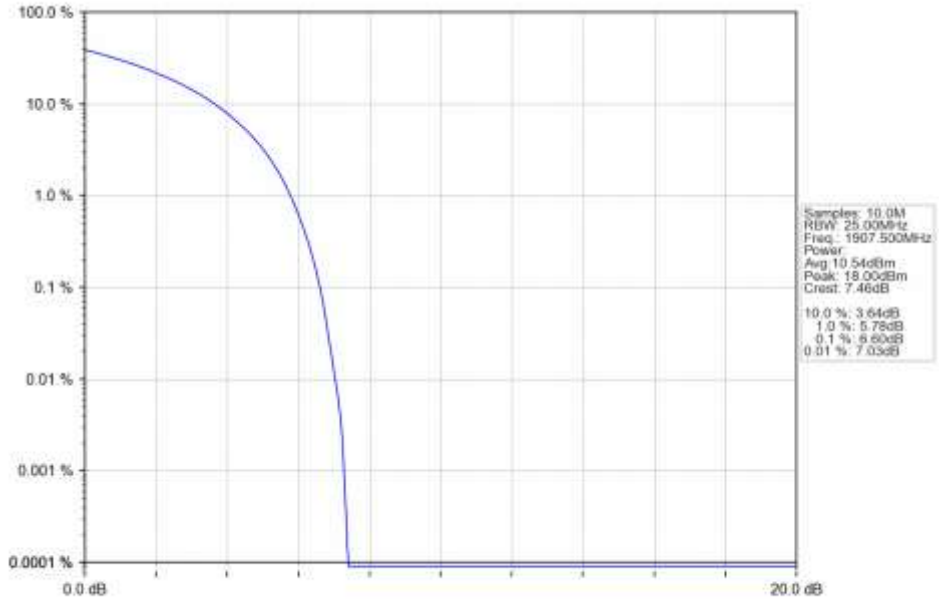
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1857.5MHz_Outer_Full_Ant1



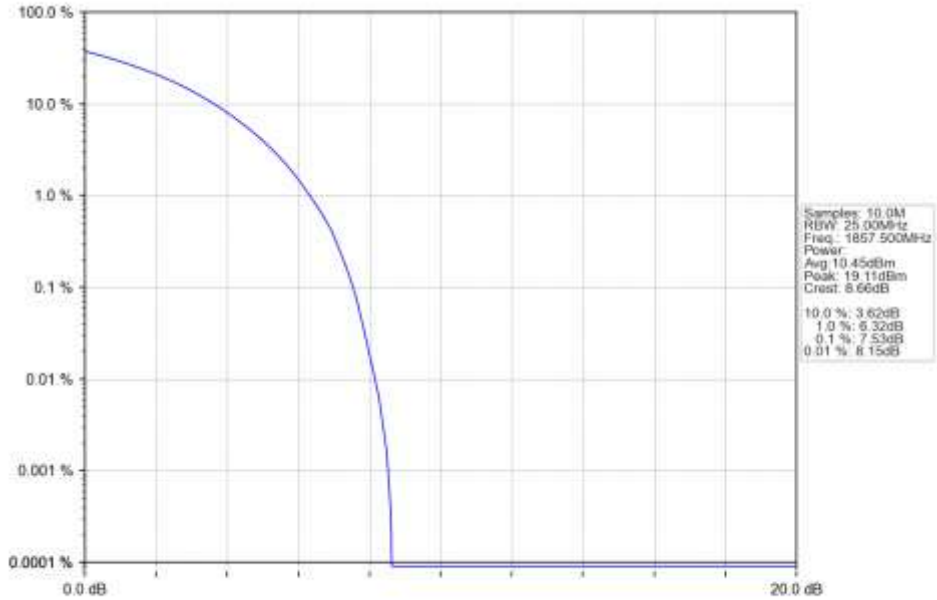
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



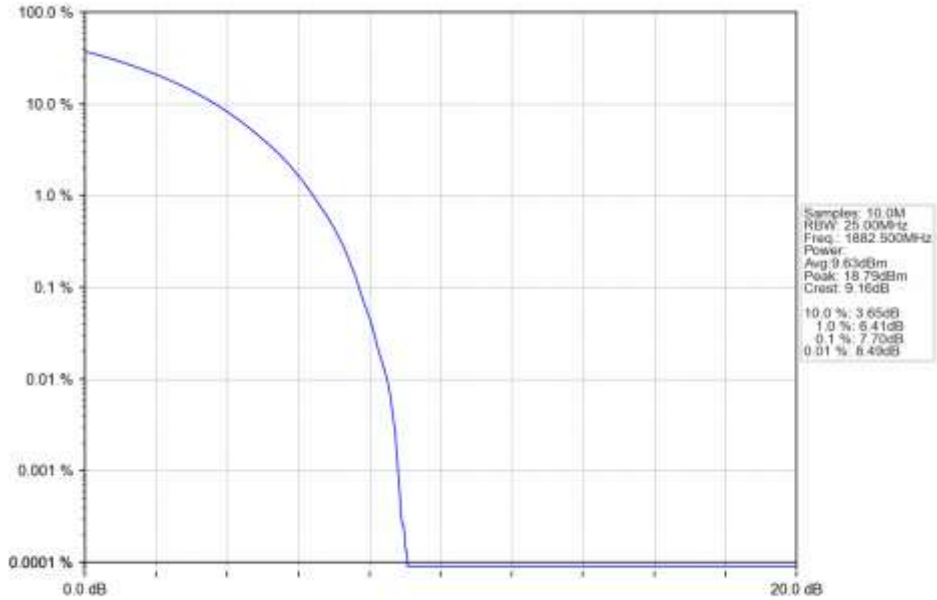
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1907.5MHz_Outer_Full_Ant1



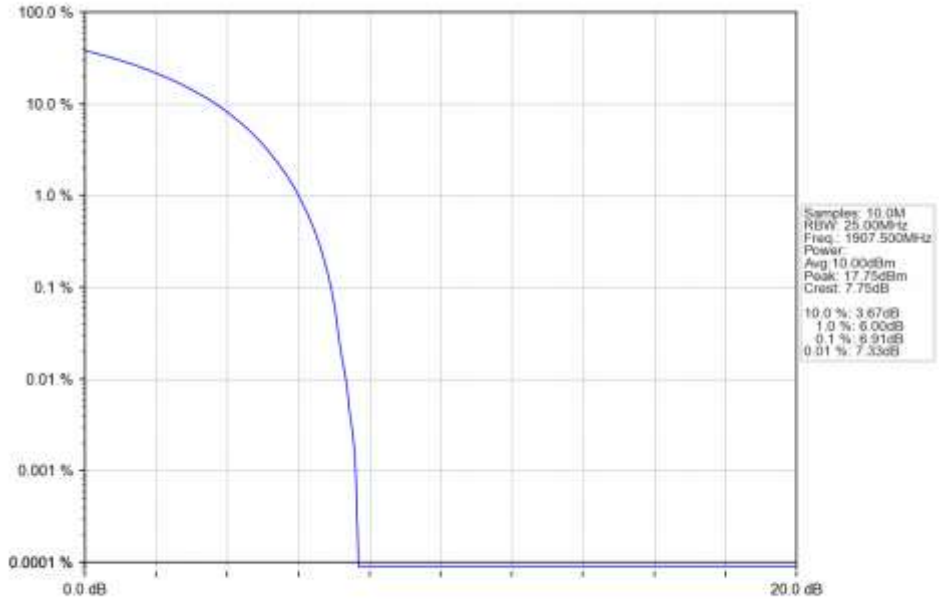
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1857.5MHz_Outer_Full_Ant1



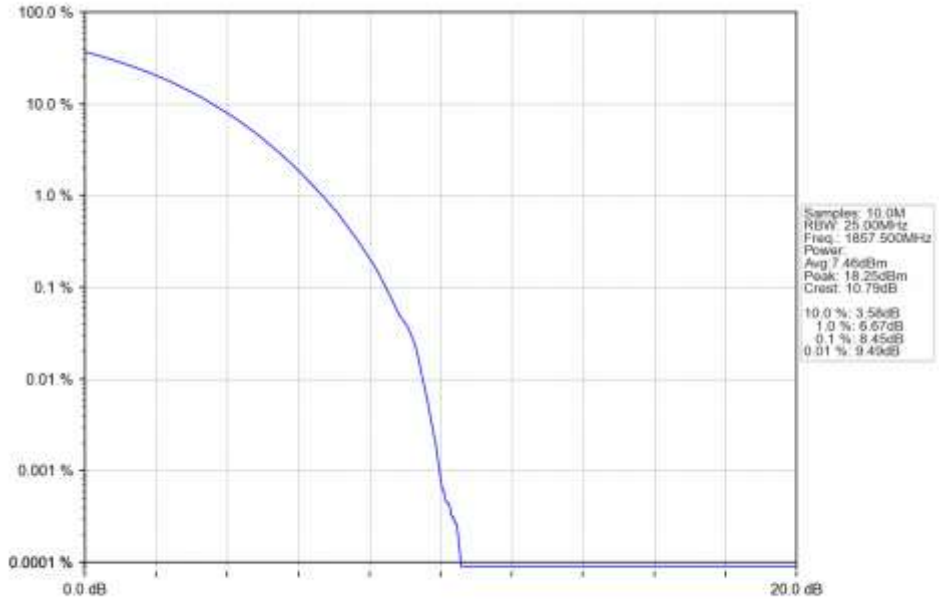
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



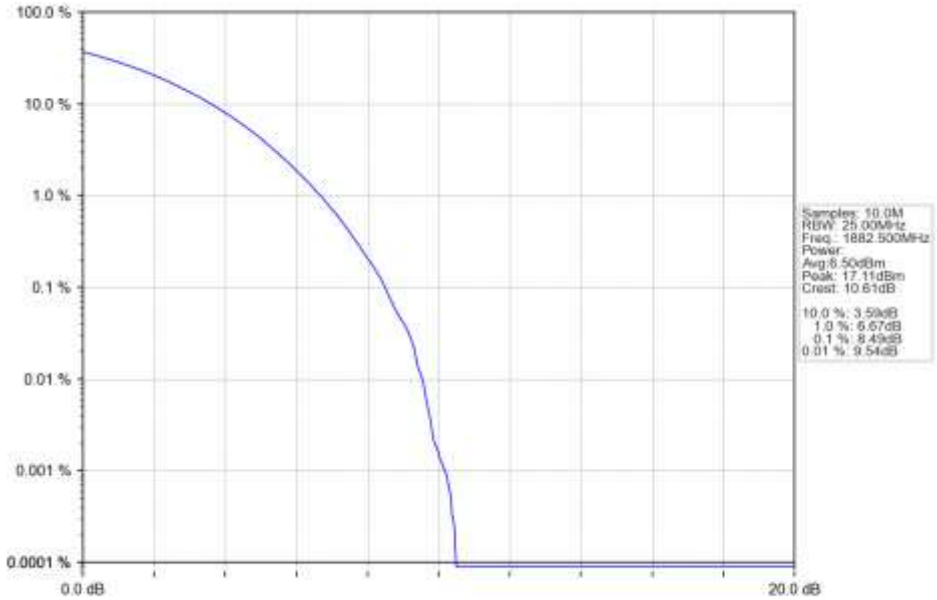
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1907.5MHz_Outer_Full_Ant1



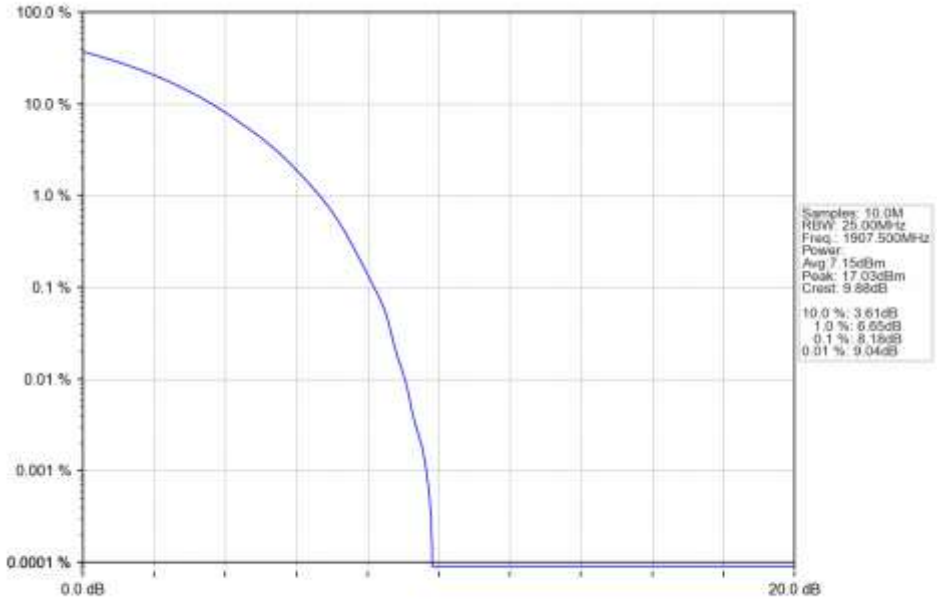
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1

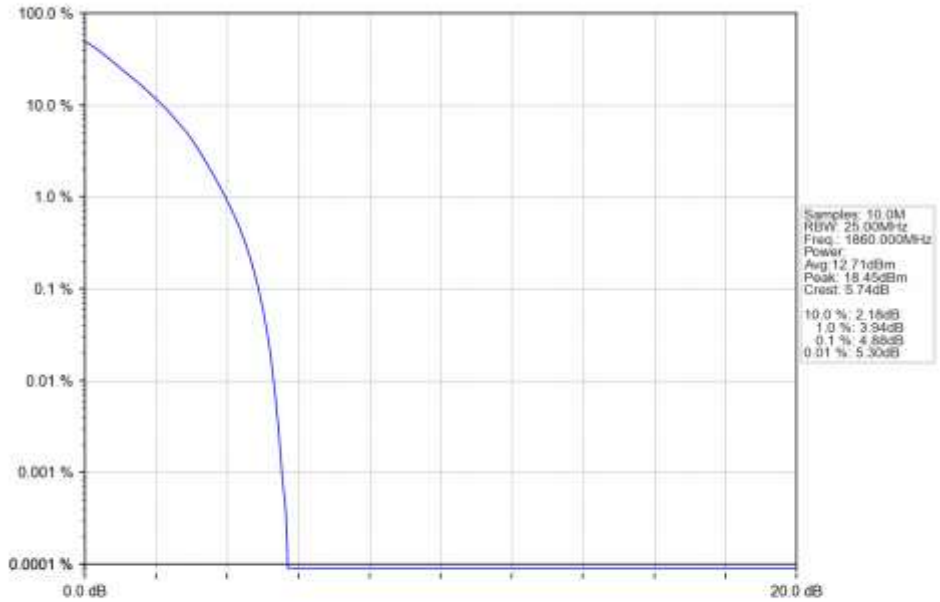


n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1907.5MHz_Outer_Full_Ant1



5.2.4 15k_SISO_20MHz_NTNV

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Outer_Full_Ant1



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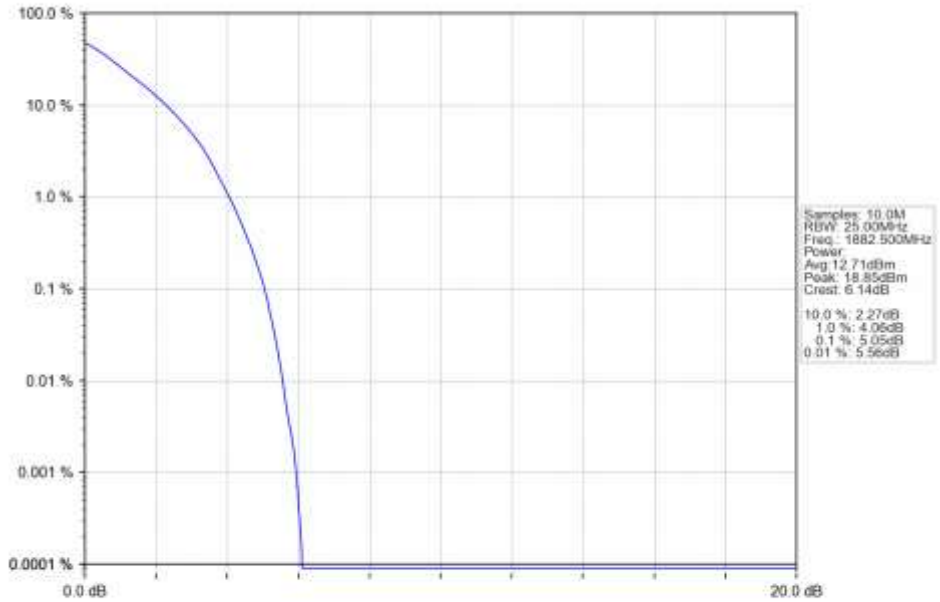

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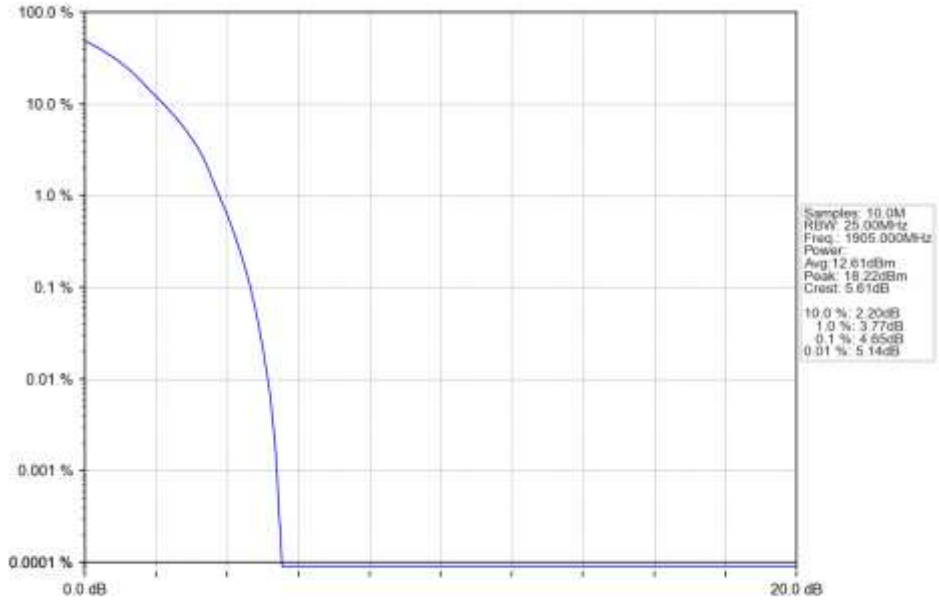
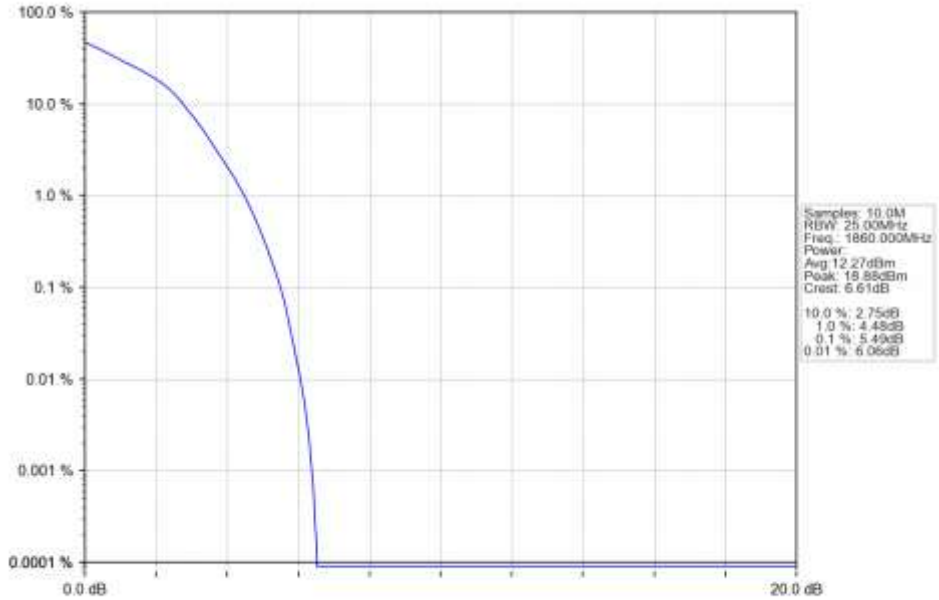
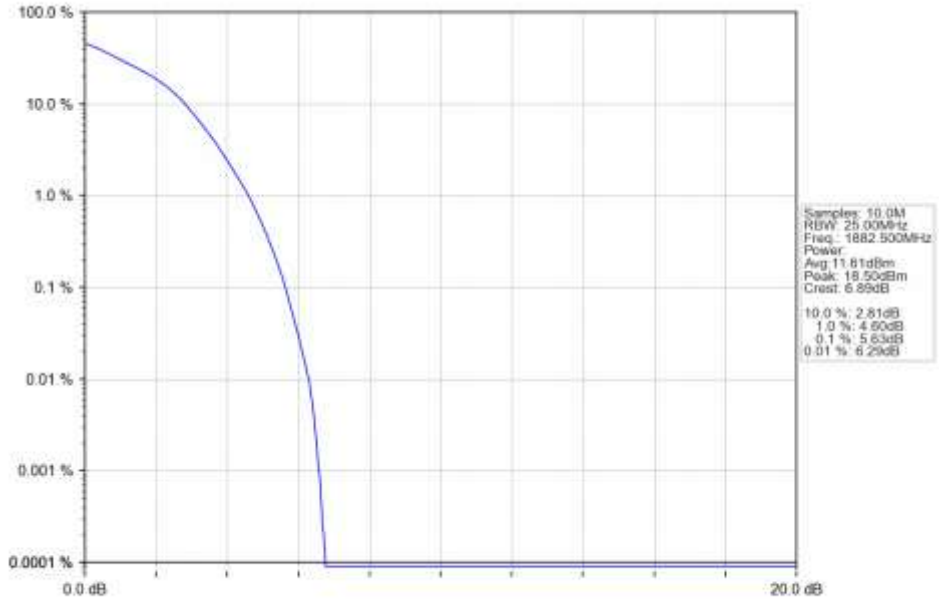


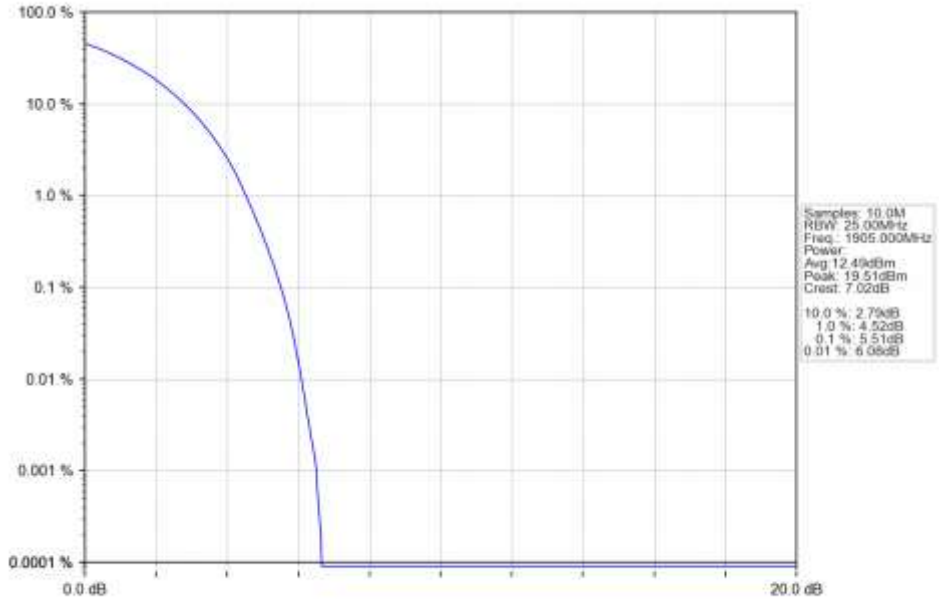
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1860MHz_Outer_Full_Ant1



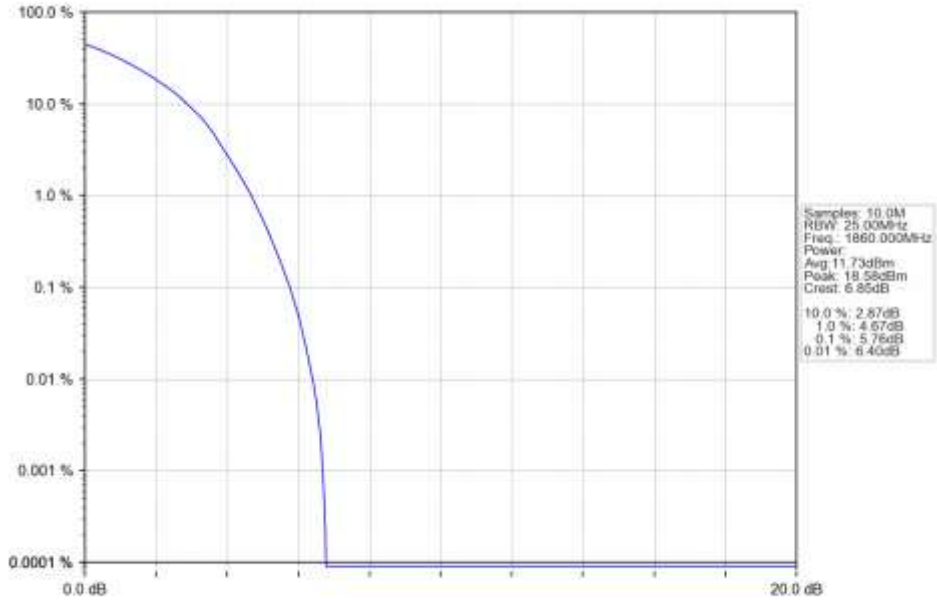
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



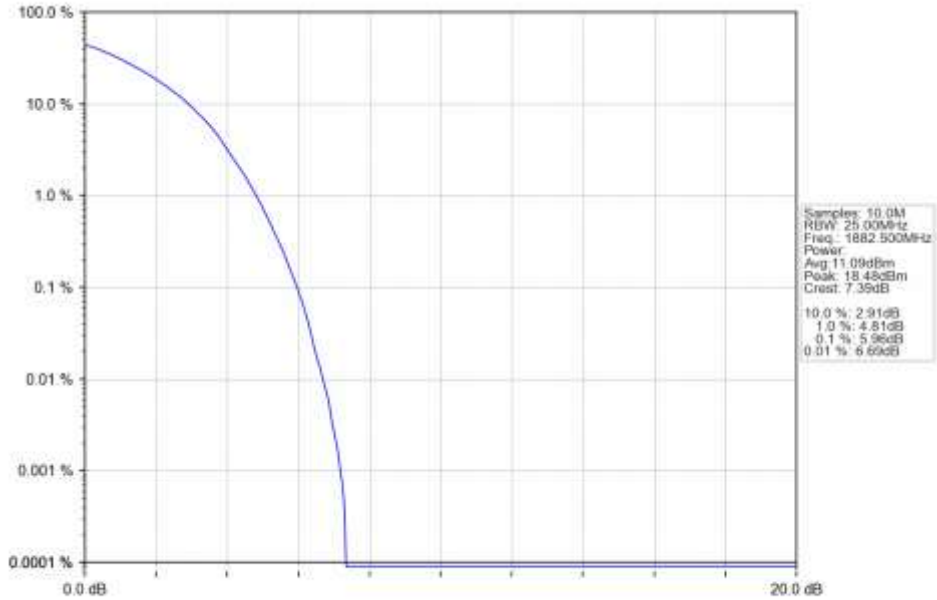
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1905MHz_Outer_Full_Ant1



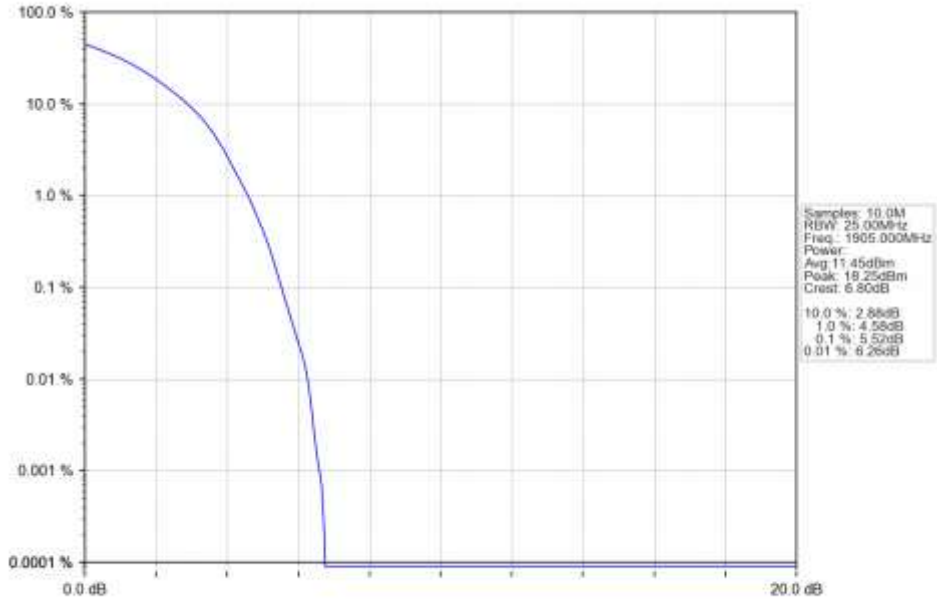
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1860MHz_Outer_Full_Ant1



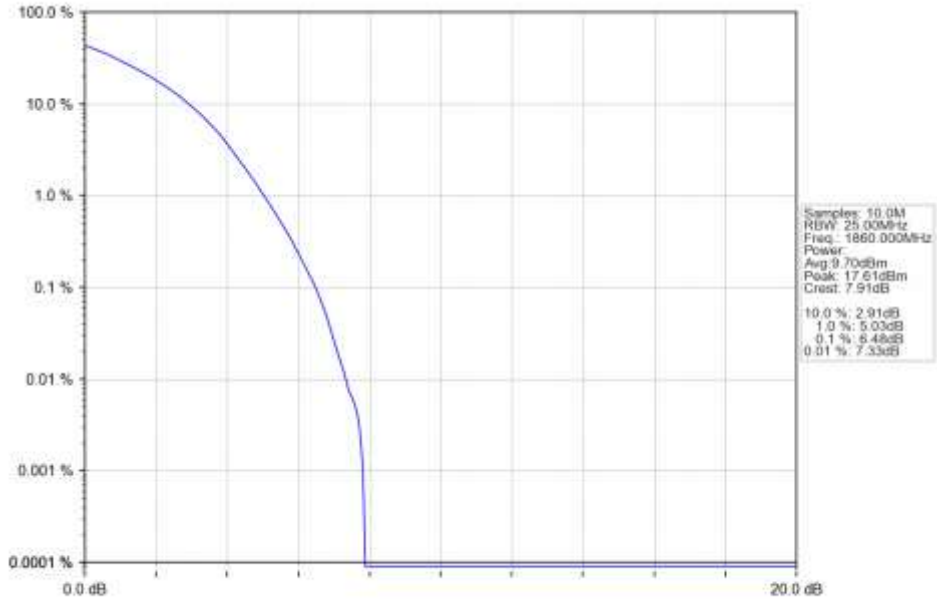
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



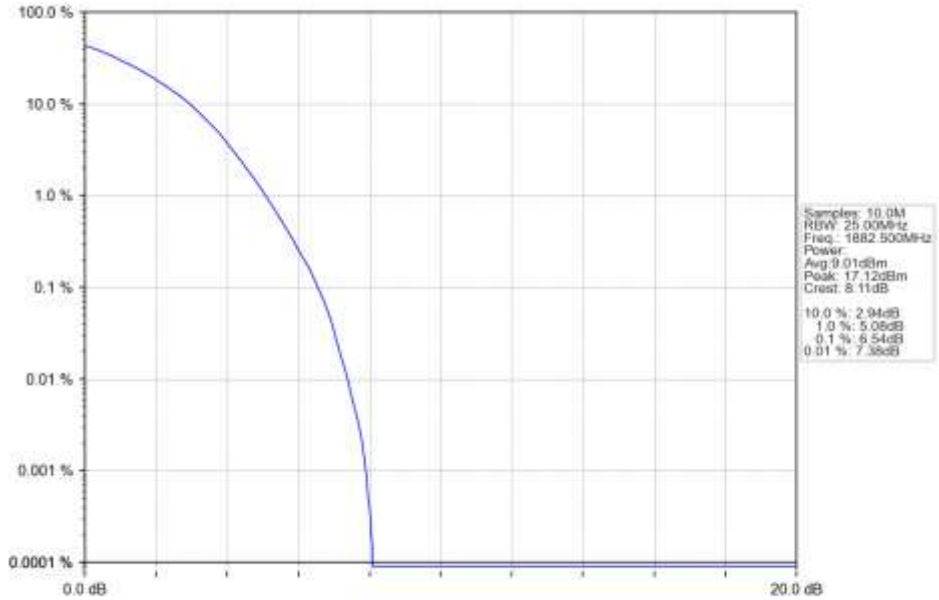
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1905MHz_Outer_Full_Ant1



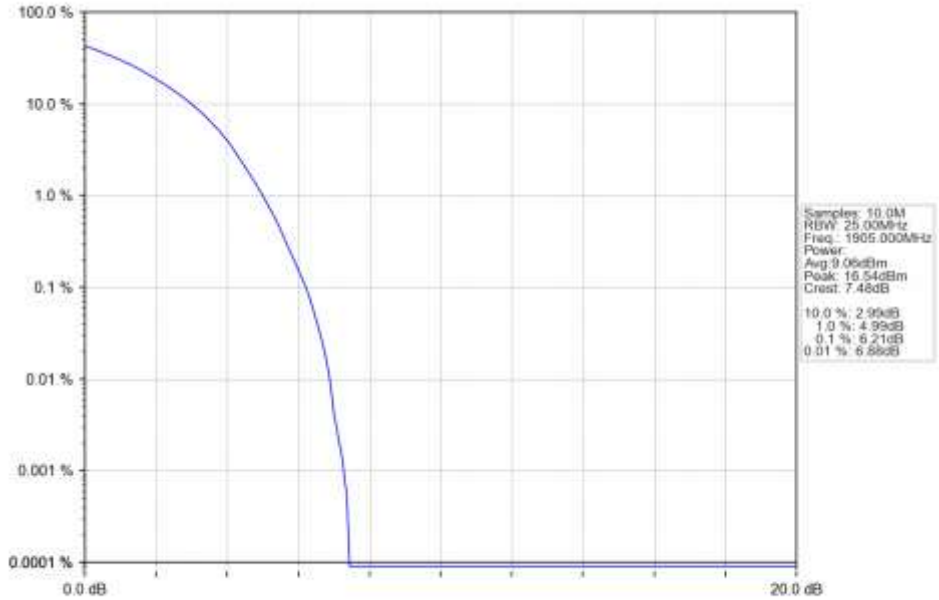
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1860MHz_Outer_Full_Ant1



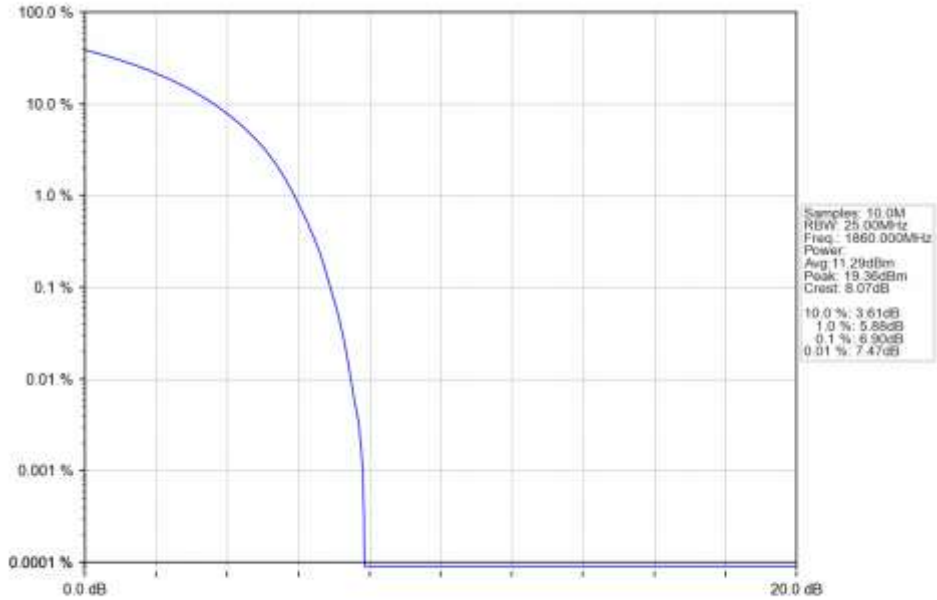
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



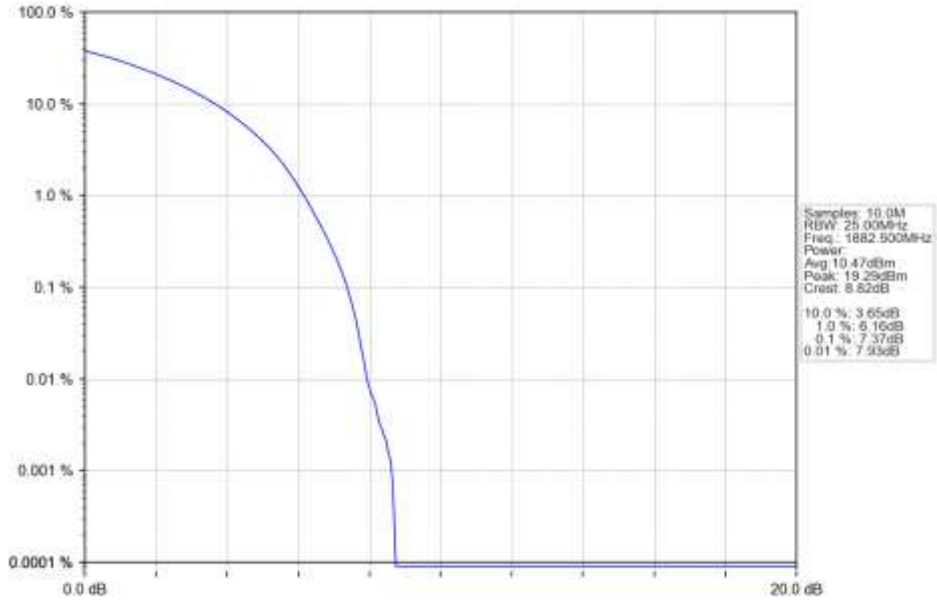
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1905MHz_Outer_Full_Ant1



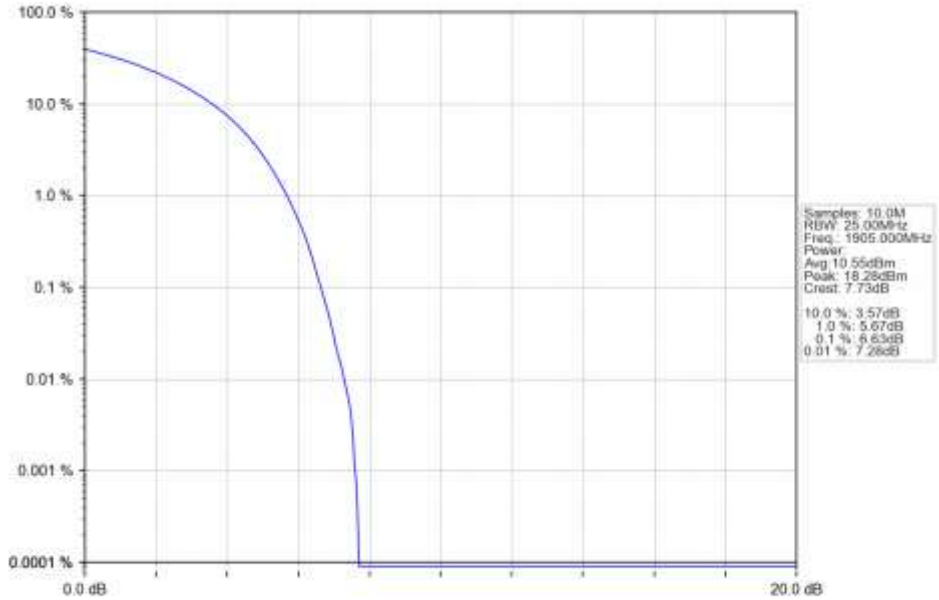
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1860MHz_Outer_Full_Ant1



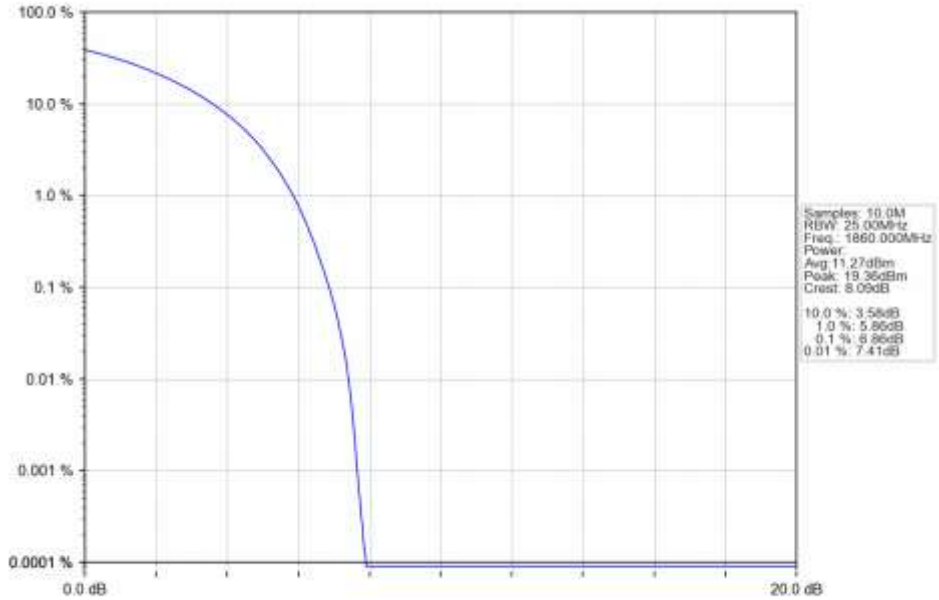
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



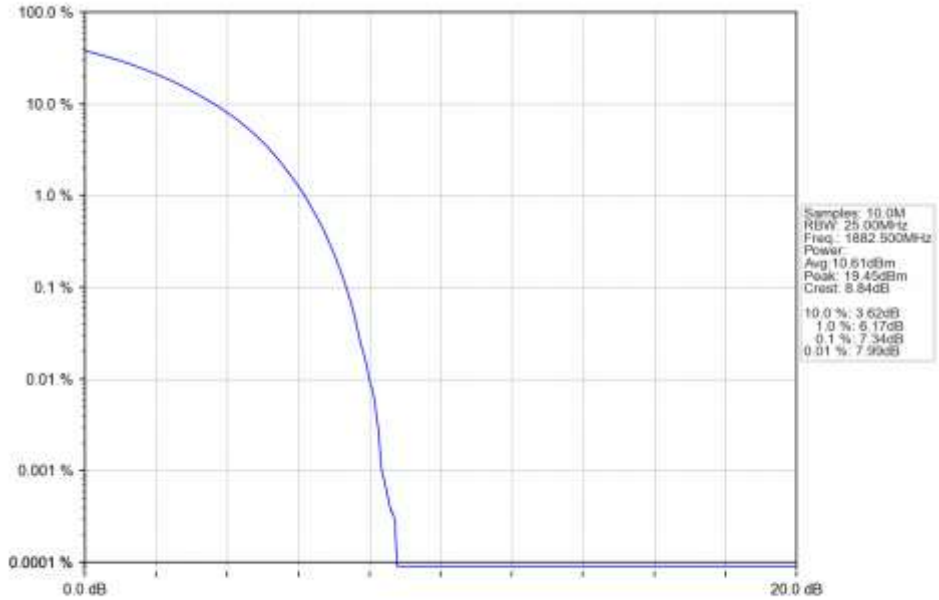
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1905MHz_Outer_Full_Ant1



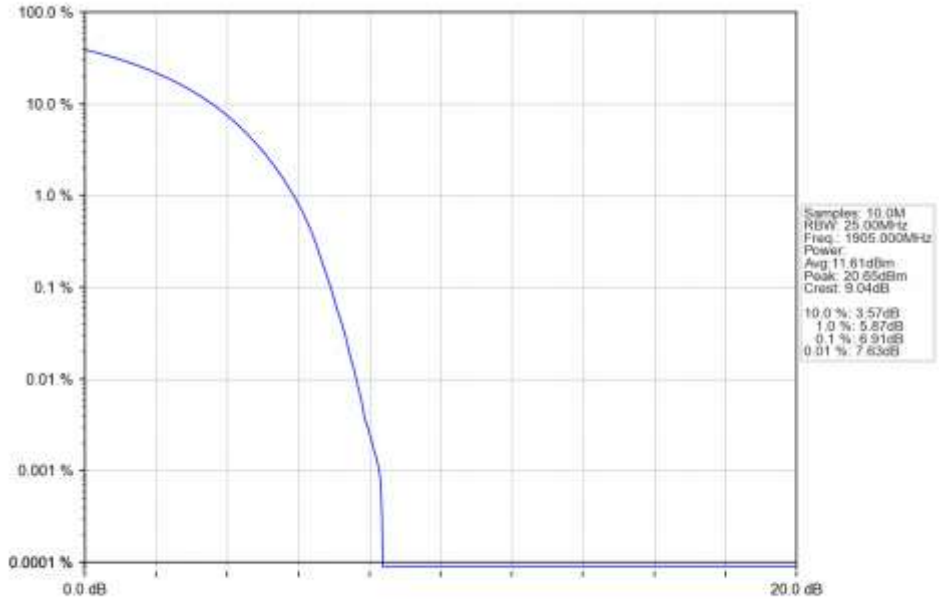
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1860MHz_Outer_Full_Ant1



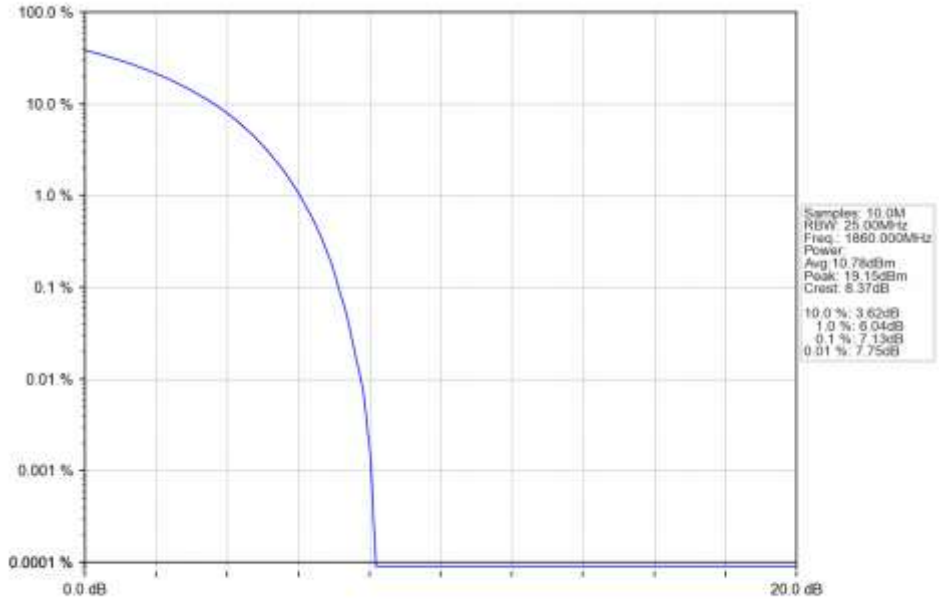
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



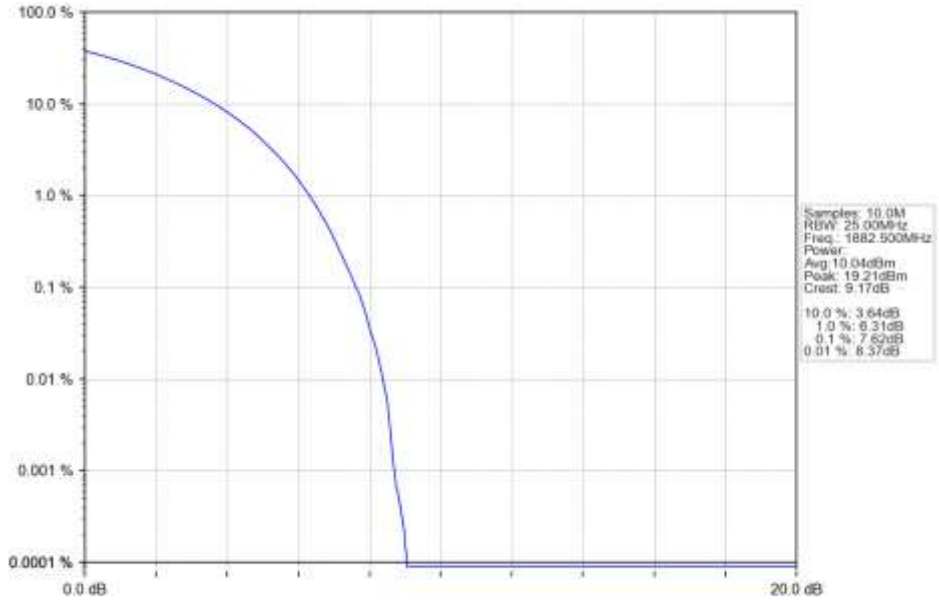
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1905MHz_Outer_Full_Ant1



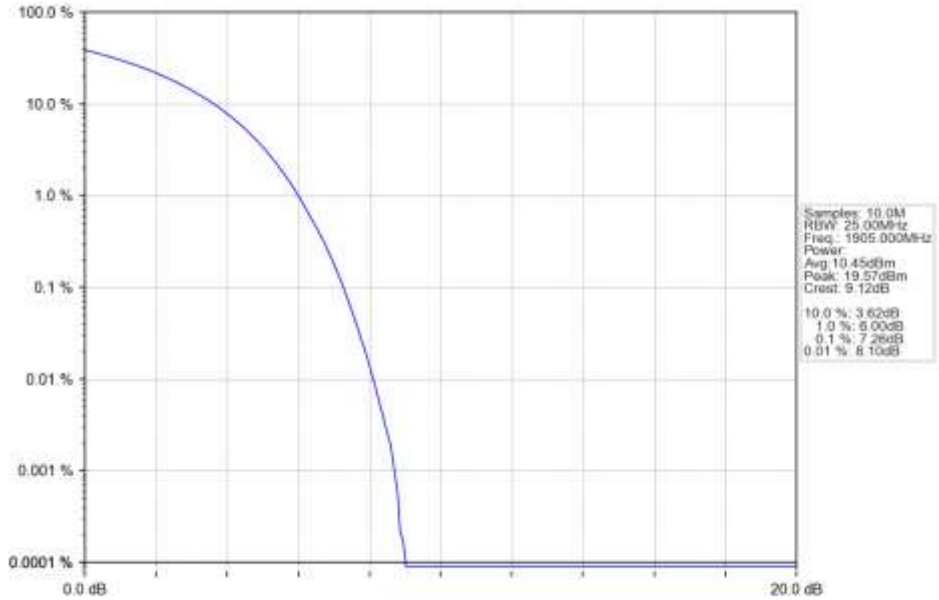
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1860MHz_Outer_Full_Ant1



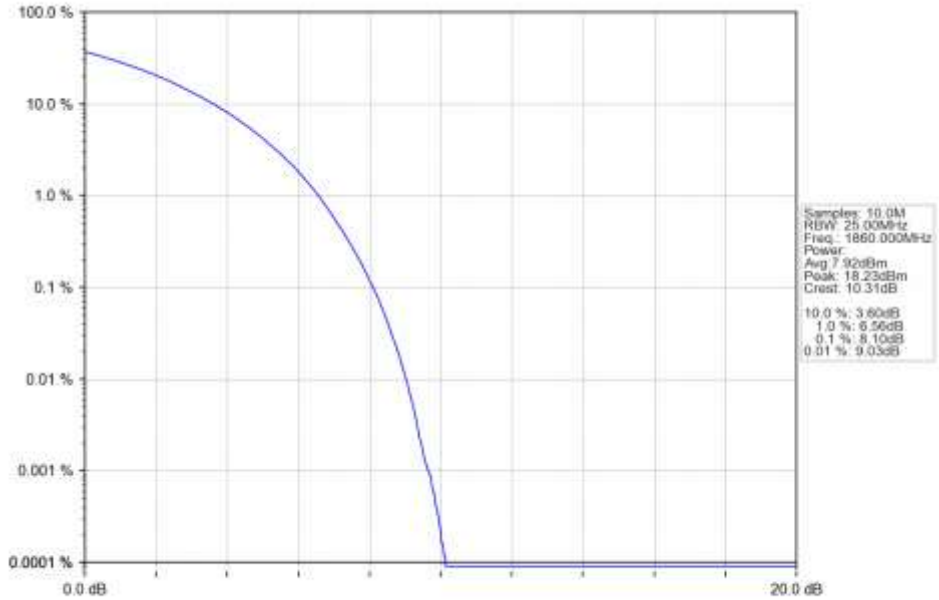
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



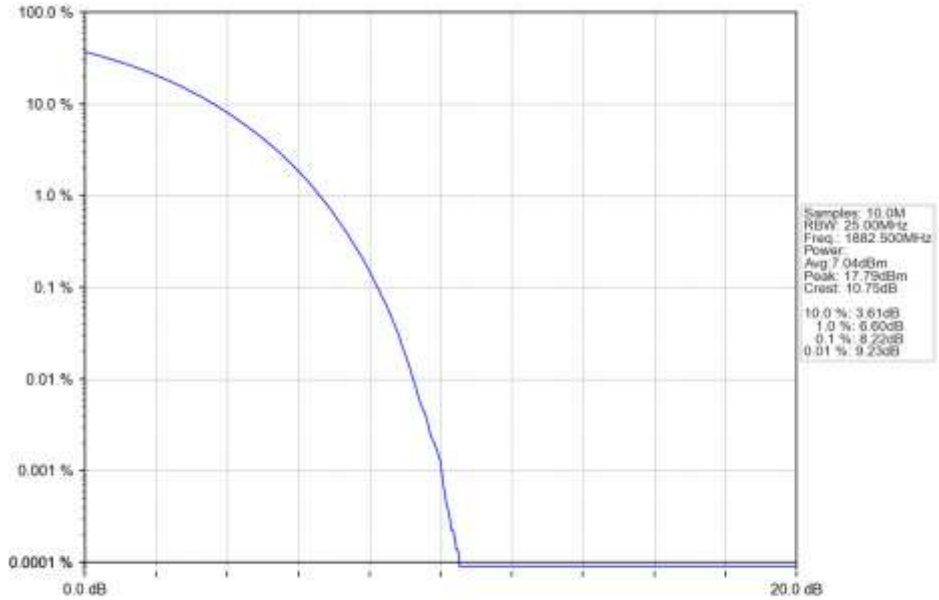
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1905MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1860MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



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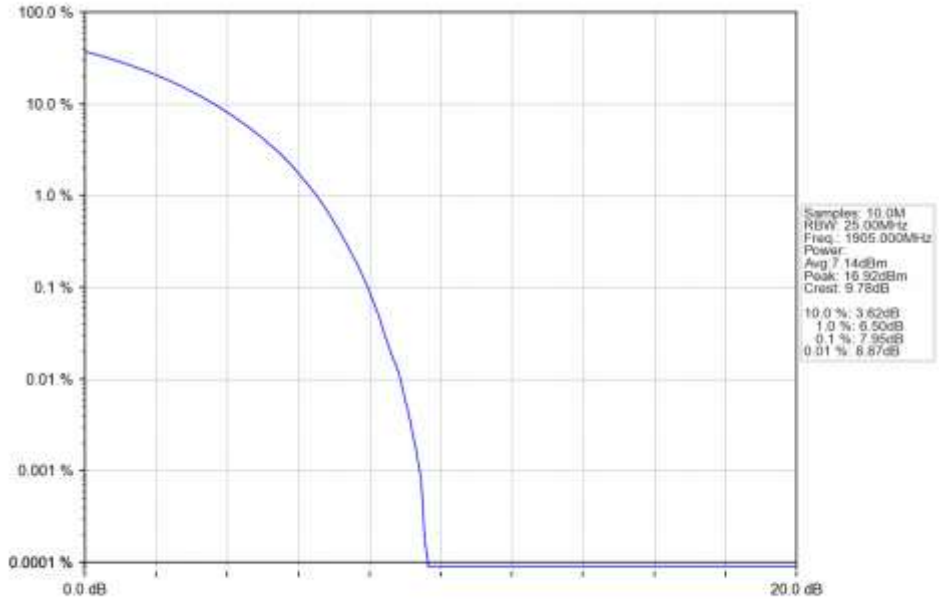
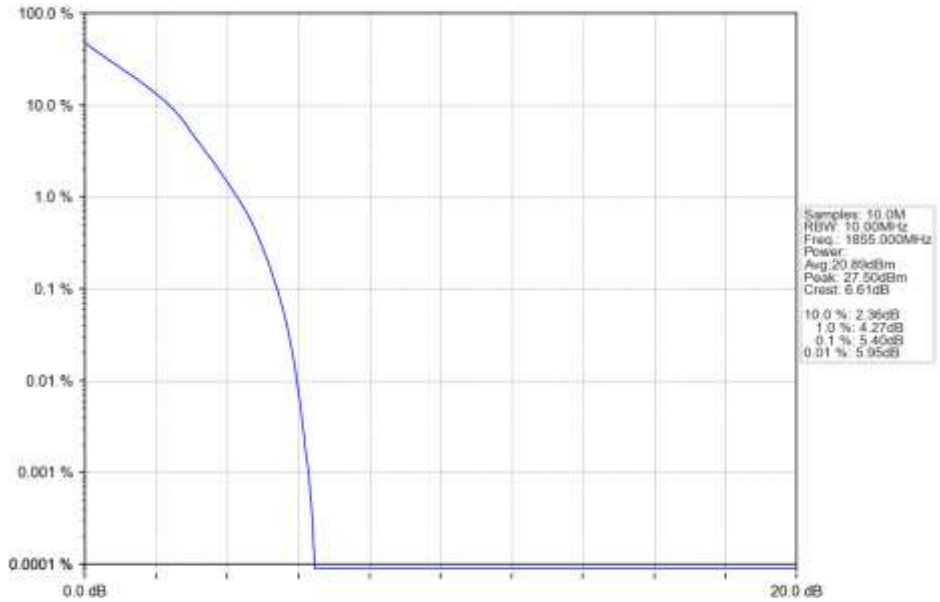


5.2.5 30k_SISO_10MHz_NTNV

n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full_Ant1



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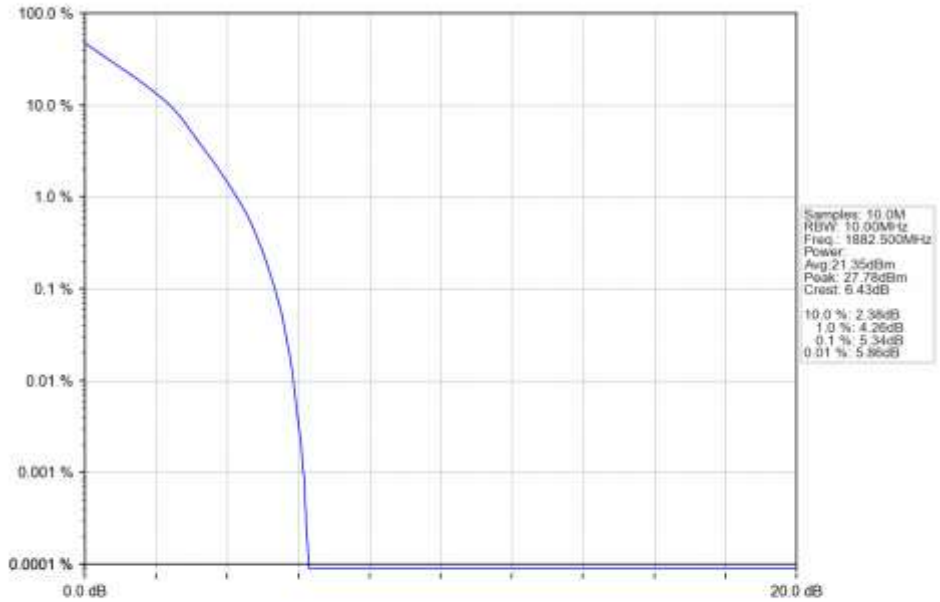

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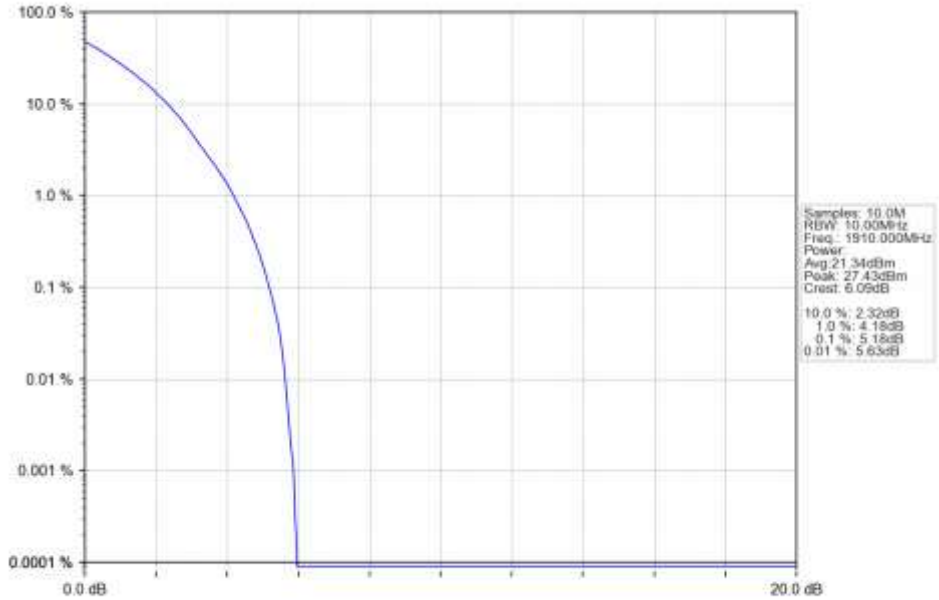
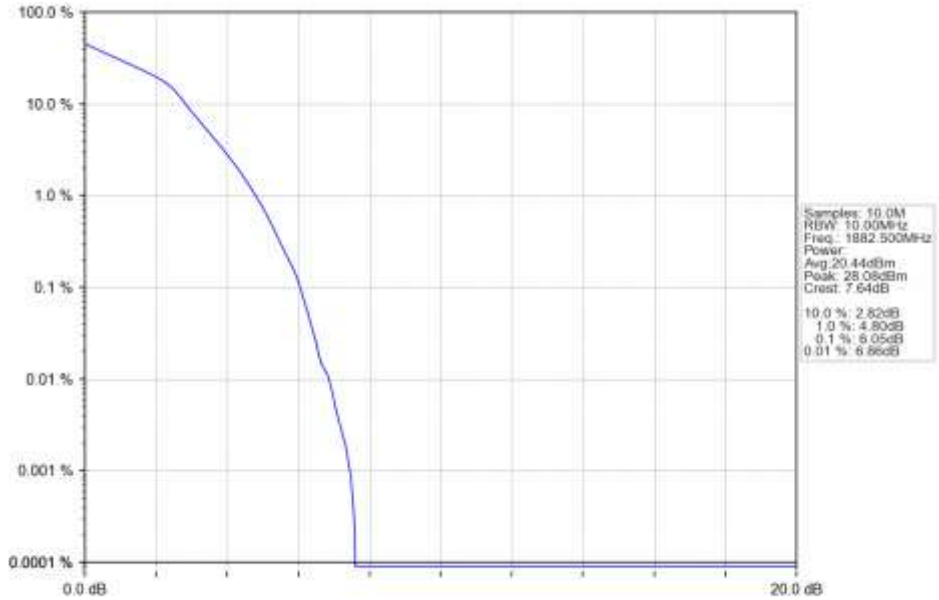


n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1855MHz_Outer_Full_Ant1

n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



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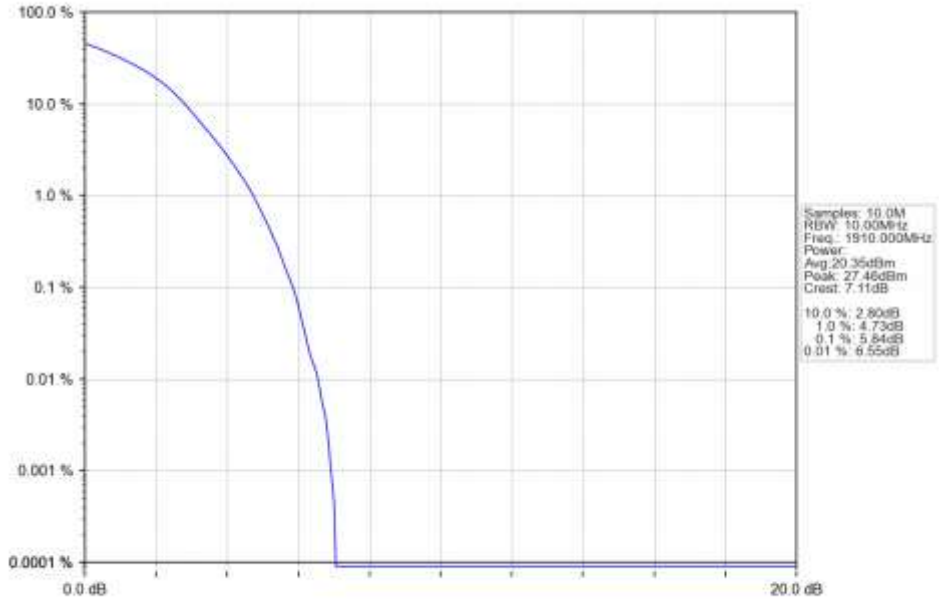
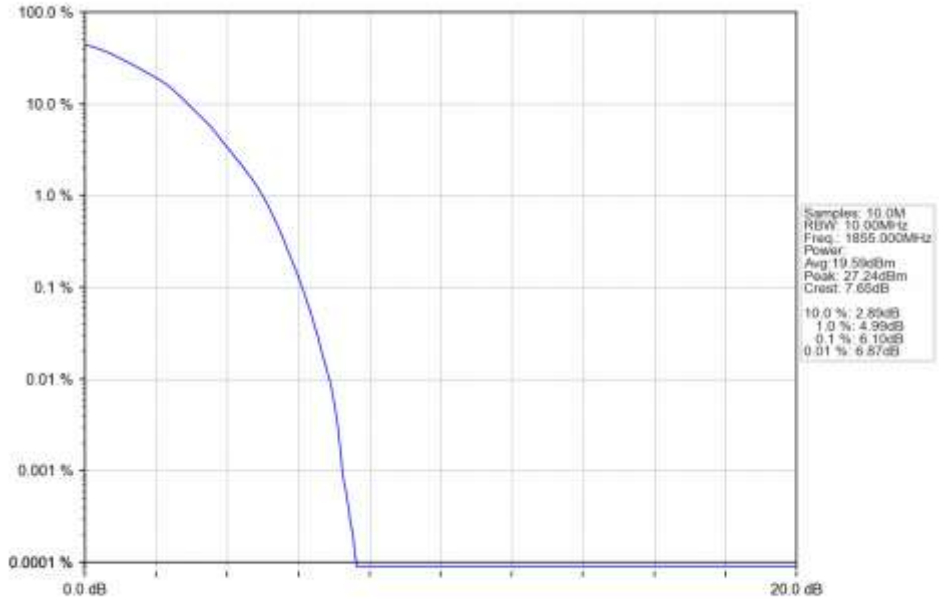
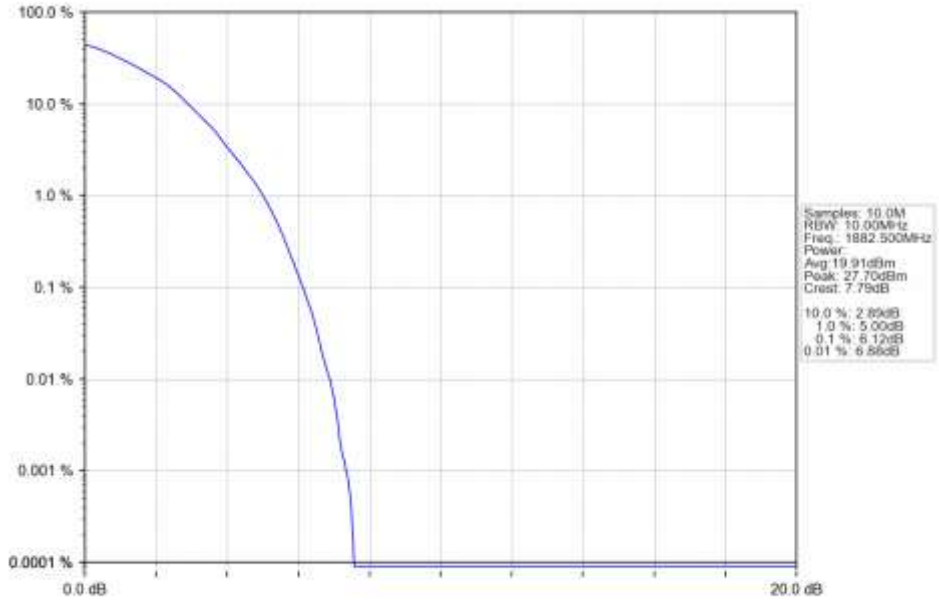


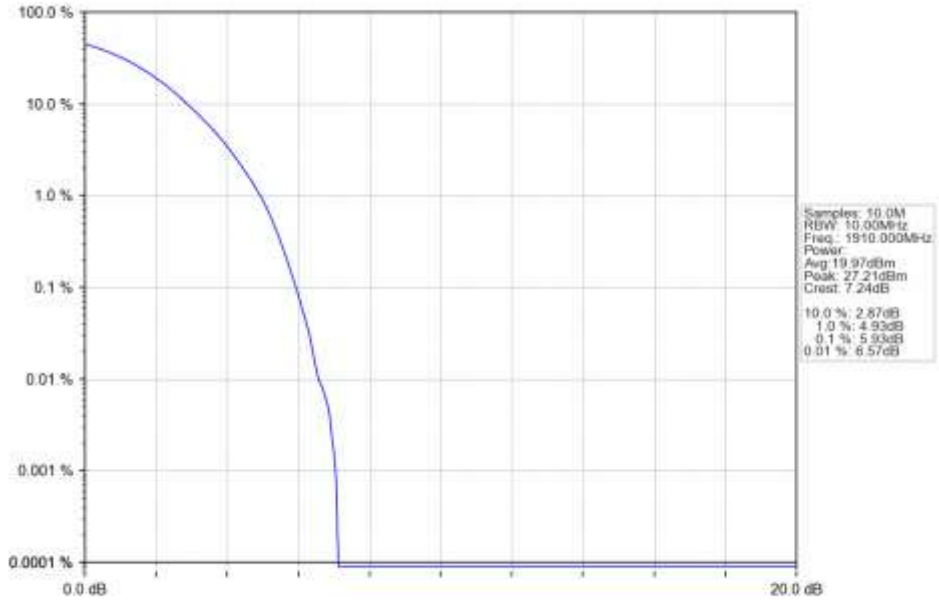
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1855MHz_Outer_Full_Ant1



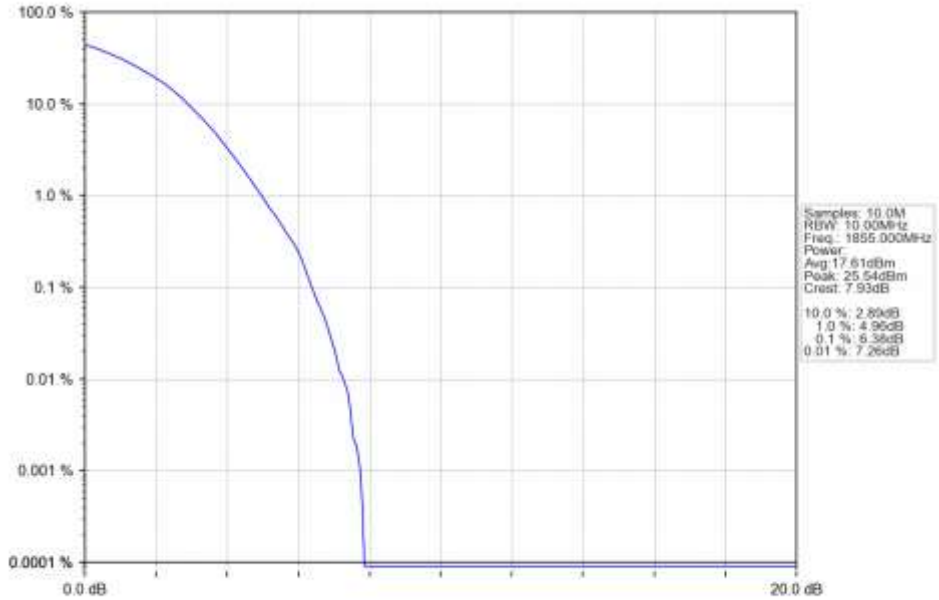
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



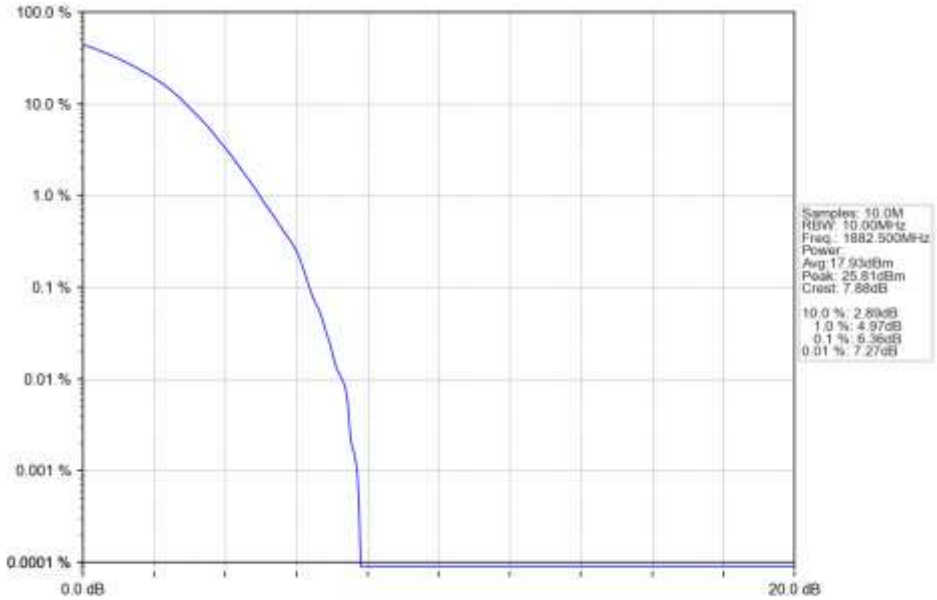
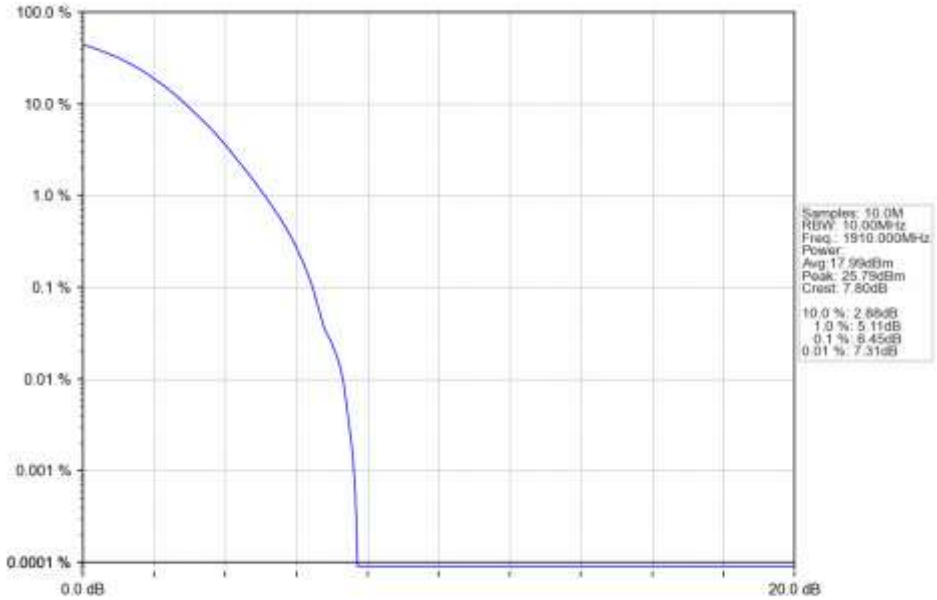
n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1910MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



n25_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1910MHz_Outer_Full_Ant1