1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 5MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Edge_1RB_Left	23.91	/	/	23.41	/	/	<=33	Pass
		Edge_1RB_Right	23.82	/	/	23.32	/	/	<=33	Pass
		Outer_Full	24.04	/	/	23.54	/	/	<=33	Pass
		Inner_Full	23.96	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Right	23.87	/	/	23.37	/	/	<=33	Pass
	1880	Edge_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	23.45	/	/	<=33	Pass
		Outer_Full	24.04	/	/	23.54	/	/	<=33	Pass
		Inner_Full	24.08	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	24.03	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	23.43	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	23.94	/	/	23.44	/	/	<=33	Pass
		Edge_1RB_Right	23.85	/	/	23.35	/	/	<=33	Pass
		Outer_Full	24.07	/	/	23.57	/	/	<=33	Pass
		Inner_Full	24.02	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	23.93	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	23.77	/	/	23.27	/	/	<=33	Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	24.01	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	23.93	/	/	23.43	/	/	<=33	Pass
		Outer_Full	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_Full	23.99	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	23.62	/	/	<=33	Pass
	1880	Edge_1RB_Left	24.13	/	/	23.63	/	/	<=33	Pass
		Edge_1RB_Right	24.05	/	/	23.55	/	/	<=33	Pass
		Outer_Full	24.04	/	/	23.54	/	/	<=33	Pass
		Inner_Full	24.04	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	24.25	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	24.18	/	/	23.68	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	24.11	/	/	23.61	/	/	<=33	Pass
		Edge_1RB_Right	24.01	/	/	23.51	/	/	<=33	Pass
		Outer_Full	23.93	/	/	23.43	/	/	<=33	Pass
		Inner_Full	24.03	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	24.20	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	23.58	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	23.12	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	22.51	/	/	<=33	Pass
		Outer_Full	23.00	/	/	22.50	/	/	<=33	Pass
		Inner_Full	23.86	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	23.55	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.25	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	22.66	/	/	<=33	Pass
		Outer_Full	23.10	/	/	22.60	/	/	<=33	Pass
		Inner_Full	23.97	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	23.65	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	23.13	/	/	22.63	/	/	<=33	Pass

		Edge_1RB_Right	23.15	/	/	22.65	/	/	<=33	Pass
		Outer_Full	22.97	/	/	22.47	/	/	<=33	Pass
		Inner_Full	24.01	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	24.22	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.09	/	/	23.59	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	22.66	/	/	22.16	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	22.11	/	/	<=33	Pass
		Outer_Full	22.64	/	/	22.14	/	/	<=33	Pass
		Inner_Full	22.51	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	22.65	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	22.10	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.76	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	22.15	/	/	<=33	Pass
		Outer_Full	22.74	/	/	22.24	/	/	<=33	Pass
		Inner_Full	22.56	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	22.33	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	22.15	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	22.76	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	22.01	/	/	<=33	Pass
		Outer_Full	22.66	/	/	22.16	/	/	<=33	Pass
		Inner_Full	22.42	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	22.24	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	20.21	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	20.19	/	/	19.69	/	/	<=33	Pass
		Outer_Full	20.49	/	/	19.99	/	/	<=33	Pass
		Inner_Full	20.47	/	/	19.97	/	/	<=33	Pass
		Inner_1RB_Left	20.25	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	19.69	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.32	/	/	19.82	/	/	<=33	Pass
		Edge_1RB_Right	20.24	/	/	19.74	/	/	<=33	Pass
		Outer_Full	20.57	/	/	20.07	/	/	<=33	Pass
		Inner_Full	20.52	/	/	20.02	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	19.91	/	/	<=33	Pass
		Inner_1RB_Right	20.23	/	/	19.73	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.22	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	20.15	/	/	19.65	/	/	<=33	Pass
		Outer_Full	20.50	/	/	20.00	/	/	<=33	Pass
		Inner_Full	20.39	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Left	20.25	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Right	20.18	/	/	19.68	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	22.00	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	21.39	/	/	<=33	Pass
		Outer_Full	22.01	/	/	21.51	/	/	<=33	Pass
		Inner_Full	23.57	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	22.95	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.14	/	/	21.64	/	/	<=33	Pass
		Edge_1RB_Right	22.12	/	/	21.62	/	/	<=33	Pass
		Outer_Full	22.13	/	/	21.63	/	/	<=33	Pass
		Inner_Full	23.71	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Left	23.66	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	23.07	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	22.09	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	21.54	/	/	<=33	Pass
		Outer_Full	21.99	/	/	21.49	/	/	<=33	Pass
		Inner_Full	23.55	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Right	23.35	/	/	22.85	/	/	<=33	Pass

CP-OFDM 16 QAM	1852.5	Edge_1RB_Left	22.14	/	/	21.64	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	21.58	/	/	<=33	Pass
		Outer_Full	21.99	/	/	21.49	/	/	<=33	Pass
		Inner_Full	23.05	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	22.56	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	22.42	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.22	/	/	21.72	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	21.63	/	/	<=33	Pass
		Outer_Full	22.10	/	/	21.60	/	/	<=33	Pass
		Inner_Full	23.12	/	/	22.62	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Right	22.97	/	/	22.47	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	22.09	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	21.50	/	/	<=33	Pass
		Outer_Full	22.28	/	/	21.78	/	/	<=33	Pass
		Inner_Full	23.02	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Right	22.97	/	/	22.47	/	/	<=33	Pass
CP-OFDM 64 QAM	1852.5	Edge_1RB_Left	21.47	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	21.47	/	/	20.97	/	/	<=33	Pass
		Outer_Full	21.63	/	/	21.13	/	/	<=33	Pass
		Inner_Full	21.56	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Right	21.44	/	/	20.94	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.62	/	/	21.12	/	/	<=33	Pass
		Edge_1RB_Right	21.51	/	/	21.01	/	/	<=33	Pass
		Outer_Full	21.72	/	/	21.22	/	/	<=33	Pass
		Inner_Full	21.55	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	21.10	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	21.11	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	21.61	/	/	21.11	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	21.11	/	/	<=33	Pass
		Outer_Full	21.67	/	/	21.17	/	/	<=33	Pass
		Inner_Full	21.51	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	21.02	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Edge_1RB_Left	18.15	/	/	17.65	/	/	<=33	Pass
		Edge_1RB_Right	18.21	/	/	17.71	/	/	<=33	Pass
		Outer_Full	18.51	/	/	18.01	/	/	<=33	Pass
		Inner_Full	18.51	/	/	18.01	/	/	<=33	Pass
		Inner_1RB_Left	18.28	/	/	17.78	/	/	<=33	Pass
		Inner_1RB_Right	18.22	/	/	17.72	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.32	/	/	17.82	/	/	<=33	Pass
		Edge_1RB_Right	18.22	/	/	17.72	/	/	<=33	Pass
		Outer_Full	18.52	/	/	18.02	/	/	<=33	Pass
		Inner_Full	18.61	/	/	18.11	/	/	<=33	Pass
		Inner_1RB_Left	18.30	/	/	17.80	/	/	<=33	Pass
		Inner_1RB_Right	18.20	/	/	17.70	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.25	/	/	17.75	/	/	<=33	Pass
		Edge_1RB_Right	18.14	/	/	17.64	/	/	<=33	Pass
		Outer_Full	18.48	/	/	17.98	/	/	<=33	Pass
		Inner_Full	18.47	/	/	17.97	/	/	<=33	Pass
		Inner_1RB_Left	18.20	/	/	17.70	/	/	<=33	Pass
		Inner_1RB_Right	18.17	/	/	17.67	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1855	Edge_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	23.91	/	/	23.41	/	/	<=33	Pass
		Outer_Full	24.17	/	/	23.67	/	/	<=33	Pass
		Inner_Full	24.03	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Right	23.92	/	/	23.42	/	/	<=33	Pass
	1880	Edge_1RB_Left	24.03	/	/	23.53	/	/	<=33	Pass
		Edge_1RB_Right	23.88	/	/	23.38	/	/	<=33	Pass
		Outer_Full	24.17	/	/	23.67	/	/	<=33	Pass
		Inner_Full	24.11	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	23.98	/	/	23.48	/	/	<=33	Pass
	1905	Edge_1RB_Left	24.10	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	23.93	/	/	23.43	/	/	<=33	Pass
		Outer_Full	24.10	/	/	23.60	/	/	<=33	Pass
		Inner_Full	23.95	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Left	23.95	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	23.31	/	/	<=33	Pass
DFT-s-OFDM QPSK	1855	Edge_1RB_Left	24.13	/	/	23.63	/	/	<=33	Pass
		Edge_1RB_Right	24.27	/	/	23.77	/	/	<=33	Pass
		Outer_Full	24.03	/	/	23.53	/	/	<=33	Pass
		Inner_Full	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	24.15	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	23.62	/	/	<=33	Pass
	1880	Edge_1RB_Left	24.22	/	/	23.72	/	/	<=33	Pass
		Edge_1RB_Right	24.04	/	/	23.54	/	/	<=33	Pass
		Outer_Full	24.11	/	/	23.61	/	/	<=33	Pass
		Inner_Full	24.07	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Right	24.13	/	/	23.63	/	/	<=33	Pass
	1905	Edge_1RB_Left	24.07	/	/	23.57	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	23.53	/	/	<=33	Pass
		Outer_Full	23.96	/	/	23.46	/	/	<=33	Pass
		Inner_Full	23.97	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	24.03	/	/	23.53	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	23.32	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.63	/	/	<=33	Pass
		Outer_Full	23.02	/	/	22.52	/	/	<=33	Pass
		Inner_Full	24.07	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.22	/	/	23.72	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.22	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	22.59	/	/	<=33	Pass
		Outer_Full	23.02	/	/	22.52	/	/	<=33	Pass
		Inner_Full	24.09	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Left	24.31	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	24.17	/	/	23.67	/	/	<=33	Pass
	1905	Edge_1RB_Left	23.16	/	/	22.66	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	22.49	/	/	<=33	Pass
		Outer_Full	22.96	/	/	22.46	/	/	<=33	Pass
		Inner_Full	23.96	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Right	24.02	/	/	23.52	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	22.73	/	/	22.23	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.21	/	/	<=33	Pass

		Outer_Full	22.66	/	/	22.16	/	/	<=33	Pass
		Inner_Full	22.71	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	22.11	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.81	/	/	22.31	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	22.17	/	/	<=33	Pass
		Outer_Full	22.64	/	/	22.14	/	/	<=33	Pass
		Inner_Full	22.74	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	22.37	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	22.14	/	/	<=33	Pass
	1905	Edge_1RB_Left	22.70	/	/	22.20	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	22.14	/	/	<=33	Pass
		Outer_Full	22.55	/	/	22.05	/	/	<=33	Pass
		Inner_Full	22.61	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Right	22.58	/	/	22.08	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	20.40	/	/	19.90	/	/	<=33	Pass
		Edge_1RB_Right	20.27	/	/	19.77	/	/	<=33	Pass
		Outer_Full	20.57	/	/	20.07	/	/	<=33	Pass
		Inner_Full	20.53	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Left	20.31	/	/	19.81	/	/	<=33	Pass
		Inner_1RB_Right	20.28	/	/	19.78	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.34	/	/	19.84	/	/	<=33	Pass
		Edge_1RB_Right	20.34	/	/	19.84	/	/	<=33	Pass
		Outer_Full	20.58	/	/	20.08	/	/	<=33	Pass
		Inner_Full	20.56	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Left	20.37	/	/	19.87	/	/	<=33	Pass
		Inner_1RB_Right	20.30	/	/	19.80	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.31	/	/	19.81	/	/	<=33	Pass
		Edge_1RB_Right	20.23	/	/	19.73	/	/	<=33	Pass
		Outer_Full	20.46	/	/	19.96	/	/	<=33	Pass
		Inner_Full	20.42	/	/	19.92	/	/	<=33	Pass
		Inner_1RB_Left	20.32	/	/	19.82	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	19.74	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge_1RB_Left	22.22	/	/	21.72	/	/	<=33	Pass
		Edge_1RB_Right	22.05	/	/	21.55	/	/	<=33	Pass
		Outer_Full	22.13	/	/	21.63	/	/	<=33	Pass
		Inner_Full	23.60	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Left	23.64	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	23.53	/	/	23.03	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.11	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.12	/	/	21.62	/	/	<=33	Pass
		Outer_Full	22.16	/	/	21.66	/	/	<=33	Pass
		Inner_Full	23.53	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Left	23.63	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	23.06	/	/	<=33	Pass
	1905	Edge_1RB_Left	22.25	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	21.56	/	/	<=33	Pass
		Outer_Full	21.97	/	/	21.47	/	/	<=33	Pass
		Inner_Full	23.48	/	/	22.98	/	/	<=33	Pass
		Inner_1RB_Left	24.10	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	23.06	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	22.10	/	/	21.60	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	21.39	/	/	<=33	Pass
		Outer_Full	22.12	/	/	21.62	/	/	<=33	Pass
		Inner_Full	23.08	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	22.50	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.02	/	/	21.52	/	/	<=33	Pass

		Edge_1RB_Right	22.02	/	/	21.52	/	/	<=33	Pass
		Outer_Full	22.11	/	/	21.61	/	/	<=33	Pass
		Inner_Full	23.08	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Left	23.21	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	22.71	/	/	<=33	Pass
	1905	Edge_1RB_Left	22.16	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	21.46	/	/	<=33	Pass
		Outer_Full	22.07	/	/	21.57	/	/	<=33	Pass
		Inner_Full	23.05	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	22.43	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	21.59	/	/	21.09	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	21.04	/	/	<=33	Pass
		Outer_Full	21.57	/	/	21.07	/	/	<=33	Pass
		Inner_Full	21.63	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	21.10	/	/	<=33	Pass
		Inner_1RB_Right	21.51	/	/	21.01	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.79	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	21.19	/	/	<=33	Pass
		Outer_Full	21.61	/	/	21.11	/	/	<=33	Pass
		Inner_Full	21.70	/	/	21.20	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	21.20	/	/	<=33	Pass
		Inner_1RB_Right	21.65	/	/	21.15	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.61	/	/	21.11	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	21.04	/	/	<=33	Pass
		Outer_Full	21.34	/	/	20.84	/	/	<=33	Pass
		Inner_Full	21.60	/	/	21.10	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	21.10	/	/	<=33	Pass
		Inner_1RB_Right	21.50	/	/	21.00	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge_1RB_Left	18.25	/	/	17.75	/	/	<=33	Pass
		Edge_1RB_Right	18.14	/	/	17.64	/	/	<=33	Pass
		Outer_Full	18.60	/	/	18.10	/	/	<=33	Pass
		Inner_Full	18.46	/	/	17.96	/	/	<=33	Pass
		Inner_1RB_Left	18.31	/	/	17.81	/	/	<=33	Pass
		Inner_1RB_Right	18.16	/	/	17.66	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.32	/	/	17.82	/	/	<=33	Pass
		Edge_1RB_Right	18.31	/	/	17.81	/	/	<=33	Pass
		Outer_Full	18.65	/	/	18.15	/	/	<=33	Pass
		Inner_Full	18.47	/	/	17.97	/	/	<=33	Pass
		Inner_1RB_Left	18.31	/	/	17.81	/	/	<=33	Pass
		Inner_1RB_Right	18.28	/	/	17.78	/	/	<=33	Pass
	1905	Edge_1RB_Left	18.26	/	/	17.76	/	/	<=33	Pass
		Edge_1RB_Right	18.24	/	/	17.74	/	/	<=33	Pass
		Outer_Full	18.49	/	/	17.99	/	/	<=33	Pass
		Inner_Full	18.47	/	/	17.97	/	/	<=33	Pass
		Inner_1RB_Left	18.27	/	/	17.77	/	/	<=33	Pass
		Inner_1RB_Right	18.24	/	/	17.74	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Edge_1RB_Left	24.17	/	/	23.67	/	/	<=33	Pass
		Edge_1RB_Right	24.21	/	/	23.71	/	/	<=33	Pass
		Outer_Full	24.20	/	/	23.70	/	/	<=33	Pass

		Inner_Full	24.13	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	24.09	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Right	24.19	/	/	23.69	/	/	<=33	Pass
	1880	Edge_1RB_Left	24.19	/	/	23.69	/	/	<=33	Pass
		Edge_1RB_Right	24.18	/	/	23.68	/	/	<=33	Pass
		Outer_Full	24.31	/	/	23.81	/	/	<=33	Pass
		Inner_Full	24.35	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Right	24.20	/	/	23.70	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	24.16	/	/	23.66	/	/	<=33	Pass
		Edge_1RB_Right	24.02	/	/	23.52	/	/	<=33	Pass
		Outer_Full	24.20	/	/	23.70	/	/	<=33	Pass
		Inner_Full	24.17	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	23.58	/	/	<=33	Pass
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	23.76	/	/	23.26	/	/	<=33	Pass
		Edge_1RB_Right	24.39	/	/	23.89	/	/	<=33	Pass
		Outer_Full	24.29	/	/	23.79	/	/	<=33	Pass
		Inner_Full	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Left	24.33	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Right	24.11	/	/	23.61	/	/	<=33	Pass
	1880	Edge_1RB_Left	24.34	/	/	23.84	/	/	<=33	Pass
		Edge_1RB_Right	24.21	/	/	23.71	/	/	<=33	Pass
		Outer_Full	24.27	/	/	23.77	/	/	<=33	Pass
		Inner_Full	24.32	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Right	24.29	/	/	23.79	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	24.29	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	24.24	/	/	23.74	/	/	<=33	Pass
		Outer_Full	24.17	/	/	23.67	/	/	<=33	Pass
		Inner_Full	24.20	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	24.20	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	24.17	/	/	23.67	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	23.07	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	23.21	/	/	22.71	/	/	<=33	Pass
		Outer_Full	23.07	/	/	22.57	/	/	<=33	Pass
		Inner_Full	24.21	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	24.38	/	/	23.88	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.25	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	23.47	/	/	22.97	/	/	<=33	Pass
		Outer_Full	23.33	/	/	22.83	/	/	<=33	Pass
		Inner_Full	24.32	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	24.42	/	/	23.92	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	23.32	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	23.24	/	/	22.74	/	/	<=33	Pass
		Outer_Full	23.19	/	/	22.69	/	/	<=33	Pass
		Inner_Full	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Left	24.22	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.25	/	/	23.75	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	22.55	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	22.44	/	/	<=33	Pass
		Outer_Full	22.72	/	/	22.22	/	/	<=33	Pass
		Inner_Full	22.72	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	22.95	/	/	22.45	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.10	/	/	22.60	/	/	<=33	Pass
		Edge_1RB_Right	23.03	/	/	22.53	/	/	<=33	Pass

		Outer_Full	22.86	/	/	22.36	/	/	<=33	Pass
		Inner_Full	22.83	/	/	22.33	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Right	22.86	/	/	22.36	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	22.79	/	/	22.29	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.26	/	/	<=33	Pass
		Outer_Full	22.51	/	/	22.01	/	/	<=33	Pass
		Inner_Full	23.02	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Right	22.75	/	/	22.25	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge_1RB_Left	20.45	/	/	19.95	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	19.97	/	/	<=33	Pass
		Outer_Full	20.70	/	/	20.20	/	/	<=33	Pass
		Inner_Full	20.67	/	/	20.17	/	/	<=33	Pass
		Inner_1RB_Left	20.28	/	/	19.78	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	19.97	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.58	/	/	20.08	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	19.92	/	/	<=33	Pass
		Outer_Full	20.73	/	/	20.23	/	/	<=33	Pass
		Inner_Full	20.69	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Left	20.51	/	/	20.01	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	19.97	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	20.43	/	/	19.93	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	19.82	/	/	<=33	Pass
		Outer_Full	20.68	/	/	20.18	/	/	<=33	Pass
		Inner_Full	20.59	/	/	20.09	/	/	<=33	Pass
		Inner_1RB_Left	20.43	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Right	20.34	/	/	19.84	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	22.27	/	/	21.77	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	21.73	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.87	/	/	<=33	Pass
		Inner_Full	23.74	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Left	23.75	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Right	23.84	/	/	23.34	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.34	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	21.82	/	/	<=33	Pass
		Outer_Full	22.34	/	/	21.84	/	/	<=33	Pass
		Inner_Full	23.80	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Left	23.73	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Right	23.86	/	/	23.36	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	22.25	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	21.69	/	/	<=33	Pass
		Outer_Full	22.18	/	/	21.68	/	/	<=33	Pass
		Inner_Full	23.71	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	23.20	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Left	22.29	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	21.83	/	/	<=33	Pass
		Outer_Full	22.15	/	/	21.65	/	/	<=33	Pass
		Inner_Full	23.07	/	/	22.57	/	/	<=33	Pass
		Inner_1RB_Left	23.13	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Right	23.32	/	/	22.82	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.23	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	21.76	/	/	<=33	Pass
		Outer_Full	22.28	/	/	21.78	/	/	<=33	Pass
		Inner_Full	23.22	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	22.74	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	22.83	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	22.26	/	/	21.76	/	/	<=33	Pass

		Edge_1RB_Right	22.00	/	/	21.50	/	/	<=33	Pass
		Outer_Full	22.04	/	/	21.54	/	/	<=33	Pass
		Inner_Full	23.11	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	22.70	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	21.77	/	/	21.27	/	/	<=33	Pass
		Edge_1RB_Right	21.90	/	/	21.40	/	/	<=33	Pass
		Outer_Full	21.84	/	/	21.34	/	/	<=33	Pass
		Inner_Full	21.67	/	/	21.17	/	/	<=33	Pass
		Inner_1RB_Left	21.80	/	/	21.30	/	/	<=33	Pass
		Inner_1RB_Right	21.92	/	/	21.42	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.74	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	21.27	/	/	<=33	Pass
		Outer_Full	21.88	/	/	21.38	/	/	<=33	Pass
		Inner_Full	21.79	/	/	21.29	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Right	21.79	/	/	21.29	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	21.79	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	21.67	/	/	21.17	/	/	<=33	Pass
		Outer_Full	21.64	/	/	21.14	/	/	<=33	Pass
		Inner_Full	21.66	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	21.77	/	/	21.27	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	21.19	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	18.50	/	/	18.00	/	/	<=33	Pass
		Edge_1RB_Right	18.47	/	/	17.97	/	/	<=33	Pass
		Outer_Full	18.81	/	/	18.31	/	/	<=33	Pass
		Inner_Full	18.72	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Left	18.48	/	/	17.98	/	/	<=33	Pass
		Inner_1RB_Right	18.40	/	/	17.90	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.57	/	/	18.07	/	/	<=33	Pass
		Edge_1RB_Right	18.43	/	/	17.93	/	/	<=33	Pass
		Outer_Full	18.82	/	/	18.32	/	/	<=33	Pass
		Inner_Full	18.78	/	/	18.28	/	/	<=33	Pass
		Inner_1RB_Left	18.58	/	/	18.08	/	/	<=33	Pass
		Inner_1RB_Right	18.45	/	/	17.95	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	18.40	/	/	17.90	/	/	<=33	Pass
		Edge_1RB_Right	18.30	/	/	17.80	/	/	<=33	Pass
		Outer_Full	18.63	/	/	18.13	/	/	<=33	Pass
		Inner_Full	18.57	/	/	18.07	/	/	<=33	Pass
		Inner_1RB_Left	18.38	/	/	17.88	/	/	<=33	Pass
		Inner_1RB_Right	18.30	/	/	17.80	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1860	Edge_1RB_Left	24.08	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	24.16	/	/	23.66	/	/	<=33	Pass
		Outer_Full	24.23	/	/	23.73	/	/	<=33	Pass
		Inner_Full	24.14	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Left	24.05	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	23.71	/	/	<=33	Pass
	1880	Edge_1RB_Left	24.16	/	/	23.66	/	/	<=33	Pass
		Edge_1RB_Right	24.20	/	/	23.70	/	/	<=33	Pass
		Outer_Full	24.29	/	/	23.79	/	/	<=33	Pass

		Inner_Full	24.31	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Left	24.17	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	24.22	/	/	23.72	/	/	<=33	Pass
	1900	Edge_1RB_Left	24.20	/	/	23.70	/	/	<=33	Pass
		Edge_1RB_Right	24.05	/	/	23.55	/	/	<=33	Pass
		Outer_Full	24.20	/	/	23.70	/	/	<=33	Pass
		Inner_Full	24.20	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	24.15	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	23.50	/	/	<=33	Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	24.24	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	24.25	/	/	23.75	/	/	<=33	Pass
		Outer_Full	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_Full	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Left	24.30	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	24.31	/	/	23.81	/	/	<=33	Pass
	1880	Edge_1RB_Left	24.42	/	/	23.92	/	/	<=33	Pass
		Edge_1RB_Right	24.37	/	/	23.87	/	/	<=33	Pass
		Outer_Full	24.34	/	/	23.84	/	/	<=33	Pass
		Inner_Full	24.36	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Left	24.42	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	24.34	/	/	23.84	/	/	<=33	Pass
	1900	Edge_1RB_Left	24.33	/	/	23.83	/	/	<=33	Pass
		Edge_1RB_Right	24.09	/	/	23.59	/	/	<=33	Pass
		Outer_Full	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_Full	24.25	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Left	24.30	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	24.28	/	/	23.78	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	23.28	/	/	22.78	/	/	<=33	Pass
		Edge_1RB_Right	23.32	/	/	22.82	/	/	<=33	Pass
		Outer_Full	23.22	/	/	22.72	/	/	<=33	Pass
		Inner_Full	24.10	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	24.32	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Right	24.32	/	/	23.82	/	/	<=33	Pass
	1880	Edge_1RB_Left	23.46	/	/	22.96	/	/	<=33	Pass
		Edge_1RB_Right	23.41	/	/	22.91	/	/	<=33	Pass
		Outer_Full	23.40	/	/	22.90	/	/	<=33	Pass
		Inner_Full	24.33	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	24.31	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	24.42	/	/	23.92	/	/	<=33	Pass
	1900	Edge_1RB_Left	23.42	/	/	22.92	/	/	<=33	Pass
		Edge_1RB_Right	23.33	/	/	22.83	/	/	<=33	Pass
		Outer_Full	23.10	/	/	22.60	/	/	<=33	Pass
		Inner_Full	24.21	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	24.41	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	23.71	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	22.86	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	22.36	/	/	<=33	Pass
		Outer_Full	22.63	/	/	22.13	/	/	<=33	Pass
		Inner_Full	22.71	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Left	22.84	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Right	22.87	/	/	22.37	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	22.92	/	/	22.42	/	/	<=33	Pass
		Outer_Full	22.85	/	/	22.35	/	/	<=33	Pass
		Inner_Full	22.89	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Left	22.90	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	22.49	/	/	<=33	Pass
	1900	Edge_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.24	/	/	<=33	Pass

		Outer_Full	22.67	/	/	22.17	/	/	<=33	Pass
		Inner_Full	22.71	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	22.37	/	/	<=33	Pass
		Inner_1RB_Right	22.75	/	/	22.25	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	20.45	/	/	19.95	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	20.00	/	/	<=33	Pass
		Outer_Full	20.63	/	/	20.13	/	/	<=33	Pass
		Inner_Full	20.65	/	/	20.15	/	/	<=33	Pass
		Inner_1RB_Left	20.39	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Right	20.51	/	/	20.01	/	/	<=33	Pass
	1880	Edge_1RB_Left	20.45	/	/	19.95	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	19.95	/	/	<=33	Pass
		Outer_Full	20.86	/	/	20.36	/	/	<=33	Pass
		Inner_Full	20.81	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Left	20.47	/	/	19.97	/	/	<=33	Pass
		Inner_1RB_Right	20.44	/	/	19.94	/	/	<=33	Pass
	1900	Edge_1RB_Left	20.52	/	/	20.02	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	19.79	/	/	<=33	Pass
		Outer_Full	20.73	/	/	20.23	/	/	<=33	Pass
		Inner_Full	20.72	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Left	20.53	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	19.85	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	22.23	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	21.45	/	/	<=33	Pass
		Outer_Full	22.30	/	/	21.80	/	/	<=33	Pass
		Inner_Full	23.69	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Right	23.35	/	/	22.85	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.26	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	21.78	/	/	<=33	Pass
		Outer_Full	22.29	/	/	21.79	/	/	<=33	Pass
		Inner_Full	23.81	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Left	23.73	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	23.15	/	/	<=33	Pass
	1900	Edge_1RB_Left	22.28	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Right	22.11	/	/	21.61	/	/	<=33	Pass
		Outer_Full	22.17	/	/	21.67	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	23.07	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	22.13	/	/	21.63	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	21.87	/	/	<=33	Pass
		Outer_Full	22.18	/	/	21.68	/	/	<=33	Pass
		Inner_Full	23.20	/	/	22.70	/	/	<=33	Pass
		Inner_1RB_Left	23.28	/	/	22.78	/	/	<=33	Pass
		Inner_1RB_Right	23.27	/	/	22.77	/	/	<=33	Pass
	1880	Edge_1RB_Left	22.29	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	22.35	/	/	21.85	/	/	<=33	Pass
		Outer_Full	22.30	/	/	21.80	/	/	<=33	Pass
		Inner_Full	23.37	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Left	23.31	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Right	23.26	/	/	22.76	/	/	<=33	Pass
	1900	Edge_1RB_Left	22.37	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	21.73	/	/	<=33	Pass
		Outer_Full	22.16	/	/	21.66	/	/	<=33	Pass
		Inner_Full	23.52	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	22.65	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	21.78	/	/	21.28	/	/	<=33	Pass

		Edge_1RB_Right	21.86	/	/	21.36	/	/	<=33	Pass
		Outer_Full	21.80	/	/	21.30	/	/	<=33	Pass
		Inner_Full	21.68	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	21.82	/	/	21.32	/	/	<=33	Pass
		Inner_1RB_Right	21.88	/	/	21.38	/	/	<=33	Pass
	1880	Edge_1RB_Left	21.82	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	21.90	/	/	21.40	/	/	<=33	Pass
		Outer_Full	21.79	/	/	21.29	/	/	<=33	Pass
		Inner_Full	21.78	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Right	21.82	/	/	21.32	/	/	<=33	Pass
	1900	Edge_1RB_Left	21.89	/	/	21.39	/	/	<=33	Pass
		Edge_1RB_Right	21.67	/	/	21.17	/	/	<=33	Pass
		Outer_Full	21.76	/	/	21.26	/	/	<=33	Pass
		Inner_Full	21.66	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	21.90	/	/	21.40	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	21.17	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge_1RB_Left	18.39	/	/	17.89	/	/	<=33	Pass
		Edge_1RB_Right	18.49	/	/	17.99	/	/	<=33	Pass
		Outer_Full	18.76	/	/	18.26	/	/	<=33	Pass
		Inner_Full	18.71	/	/	18.21	/	/	<=33	Pass
		Inner_1RB_Left	18.47	/	/	17.97	/	/	<=33	Pass
		Inner_1RB_Right	18.48	/	/	17.98	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.46	/	/	17.96	/	/	<=33	Pass
		Edge_1RB_Right	18.47	/	/	17.97	/	/	<=33	Pass
		Outer_Full	18.79	/	/	18.29	/	/	<=33	Pass
		Inner_Full	18.76	/	/	18.26	/	/	<=33	Pass
		Inner_1RB_Left	18.48	/	/	17.98	/	/	<=33	Pass
		Inner_1RB_Right	18.46	/	/	17.96	/	/	<=33	Pass
	1900	Edge_1RB_Left	18.48	/	/	17.98	/	/	<=33	Pass
		Edge_1RB_Right	18.32	/	/	17.82	/	/	<=33	Pass
		Outer_Full	18.69	/	/	18.19	/	/	<=33	Pass
		Inner_Full	18.66	/	/	18.16	/	/	<=33	Pass
		Inner_1RB_Left	18.41	/	/	17.91	/	/	<=33	Pass
		Inner_1RB_Right	18.27	/	/	17.77	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_20MHz

5G NR n2 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 PI/2 BPSK	1880	Outer_Full	20	LV	-12.20	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-9.20	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	-8.10	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-10.80	-0.0057	>=-2.5 & <=2.5	Pass
			20	NV	-8.40	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-11.90	-0.0063	>=-2.5 & <=2.5	Pass

			40	NV	-12.80	-0.0068	>=-2.5 & <=2.5	Pass
			50	NV	-9.50	-0.0051	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	-8.50	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-8.40	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-12.60	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-11.50	-0.0061	>=-2.5 & <=2.5	Pass
			40	NV	-6.20	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-8.40	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-9.20	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-13.80	-0.0073	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-9.20	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-12.90	-0.0069	>=-2.5 & <=2.5	Pass
			30	NV	-15.40	-0.0082	>=-2.5 & <=2.5	Pass
			40	NV	-9.40	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-12.70	-0.0068	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-9.90	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-12.70	-0.0068	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-14.40	-0.0077	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-9.00	-0.0048	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-8.80	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-9.90	-0.0053	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	0.50	0.0003	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	2.00	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	9.90	0.0053	>=-2.5 & <=2.5	Pass
			40	NV	11.00	0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	4.50	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-7.20	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
				HV	1.70	0.0009	>=-2.5 & <=2.5	Pass

			-30	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	4.90	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-8.60	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	6.90	0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0040	>=-2.5 & <=2.5	Pass
			50	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	2.30	0.0012	>=-2.5 & <=2.5	Pass
				HV	3.20	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	5.20	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	4.60	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-6.50	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	3.70	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	3.70	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0022	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n2 SCS=15kHz SISO 5MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1852.5	Outer_Full	4.58	5.34	/	Pass
	1880	Outer_Full	4.54	5.30	/	Pass
	1907.5	Outer_Full	4.57	5.30	/	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	4.58	5.41	/	Pass
	1880	Outer_Full	4.55	5.36	/	Pass
	1907.5	Outer_Full	4.56	5.37	/	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	4.60	5.39	/	Pass
	1880	Outer_Full	4.58	5.41	/	Pass
	1907.5	Outer_Full	4.57	5.41	/	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	4.59	5.39	/	Pass
	1880	Outer_Full	4.58	5.41	/	Pass
	1907.5	Outer_Full	4.54	5.23	/	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	4.58	5.41	/	Pass
	1880	Outer_Full	4.60	5.42	/	Pass
	1907.5	Outer_Full	4.64	5.43	/	Pass

CP-OFDM QPSK	1852.5	Outer_Full	4.54	5.31	/	Pass
	1880	Outer_Full	4.57	5.38	/	Pass
	1907.5	Outer_Full	4.56	5.40	/	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	4.59	5.38	/	Pass
	1880	Outer_Full	4.62	5.57	/	Pass
	1907.5	Outer_Full	4.59	5.49	/	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	4.52	5.29	/	Pass
	1880	Outer_Full	4.52	5.21	/	Pass
	1907.5	Outer_Full	4.53	5.28	/	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	4.58	5.41	/	Pass
	1880	Outer_Full	4.56	5.41	/	Pass
	1907.5	Outer_Full	4.55	5.33	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n2 SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1855	Outer_Full	9.03	9.99	/	Pass
	1880	Outer_Full	9.04	10.05	/	Pass
	1905	Outer_Full	9.04	10.03	/	Pass
DFT-s-OFDM QPSK	1855	Outer_Full	9.07	10.14	/	Pass
	1880	Outer_Full	9.08	10.19	/	Pass
	1905	Outer_Full	9.09	10.11	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	9.07	10.06	/	Pass
	1880	Outer_Full	9.06	9.99	/	Pass
	1905	Outer_Full	9.08	10.03	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	9.08	10.06	/	Pass
	1880	Outer_Full	9.07	10.06	/	Pass
	1905	Outer_Full	9.07	10.04	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	9.05	9.94	/	Pass
	1880	Outer_Full	9.06	9.95	/	Pass
	1905	Outer_Full	9.06	9.96	/	Pass
CP-OFDM QPSK	1855	Outer_Full	9.39	10.39	/	Pass
	1880	Outer_Full	9.39	10.40	/	Pass
	1905	Outer_Full	9.41	10.42	/	Pass
CP-OFDM 16 QAM	1855	Outer_Full	9.43	10.37	/	Pass
	1880	Outer_Full	9.43	10.44	/	Pass
	1905	Outer_Full	9.42	10.39	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	9.39	10.34	/	Pass
	1880	Outer_Full	9.38	10.32	/	Pass
	1905	Outer_Full	9.38	10.32	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	9.38	10.43	/	Pass
	1880	Outer_Full	9.37	10.42	/	Pass
	1905	Outer_Full	9.38	10.42	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n2 SCS=15kHz SISO 15MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1857.5	Outer_Full	13.59	14.78	/	Pass
	1880	Outer_Full	13.59	14.90	/	Pass
	1902.5	Outer_Full	13.59	14.74	/	Pass
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.65	14.97	/	Pass
	1880	Outer_Full	13.70	14.96	/	Pass

	1902.5	Outer_Full	13.65	14.88	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.65	14.88	/	Pass
	1880	Outer_Full	13.66	14.84	/	Pass
	1902.5	Outer_Full	13.64	14.91	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.55	14.89	/	Pass
	1880	Outer_Full	13.56	14.81	/	Pass
	1902.5	Outer_Full	13.59	14.87	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.60	14.70	/	Pass
	1880	Outer_Full	13.62	14.82	/	Pass
	1902.5	Outer_Full	13.64	14.68	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	14.28	15.44	/	Pass
	1880	Outer_Full	14.30	15.53	/	Pass
	1902.5	Outer_Full	14.31	15.51	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	14.25	15.47	/	Pass
	1880	Outer_Full	14.29	15.83	/	Pass
	1902.5	Outer_Full	14.26	15.56	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	14.25	16.34	/	Pass
	1880	Outer_Full	14.30	16.01	/	Pass
	1902.5	Outer_Full	14.30	16.13	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	14.28	15.57	/	Pass
	1880	Outer_Full	14.25	15.49	/	Pass
	1902.5	Outer_Full	14.29	15.60	/	Pass

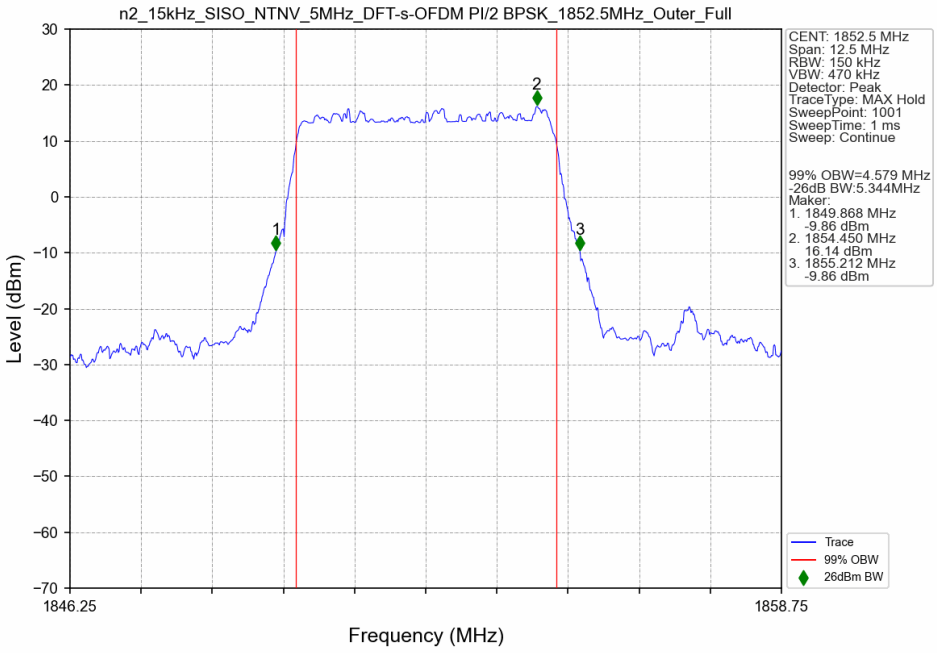
3.1.4 15k_SISO_20MHz_NTNV

5G NR n2 SCS=15kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1860	Outer_Full	18.08	19.45	/	Pass
	1880	Outer_Full	18.11	19.48	/	Pass
	1900	Outer_Full	18.09	19.48	/	Pass
DFT-s-OFDM QPSK	1860	Outer_Full	18.02	19.55	/	Pass
	1880	Outer_Full	18.07	19.55	/	Pass
	1900	Outer_Full	18.06	19.57	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.10	19.61	/	Pass
	1880	Outer_Full	18.12	19.58	/	Pass
	1900	Outer_Full	18.09	19.57	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.12	19.57	/	Pass
	1880	Outer_Full	18.15	19.59	/	Pass
	1900	Outer_Full	18.14	19.62	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.05	19.59	/	Pass
	1880	Outer_Full	18.06	19.63	/	Pass
	1900	Outer_Full	18.06	19.59	/	Pass
CP-OFDM QPSK	1860	Outer_Full	19.08	21.49	/	Pass
	1880	Outer_Full	19.12	21.55	/	Pass
	1900	Outer_Full	19.12	21.92	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	19.18	20.57	/	Pass
	1880	Outer_Full	19.22	20.63	/	Pass
	1900	Outer_Full	19.23	21.32	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	19.12	20.62	/	Pass
	1880	Outer_Full	19.16	20.62	/	Pass
	1900	Outer_Full	19.16	20.66	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	19.11	20.55	/	Pass
	1880	Outer_Full	19.15	20.70	/	Pass
	1900	Outer_Full	19.14	20.60	/	Pass

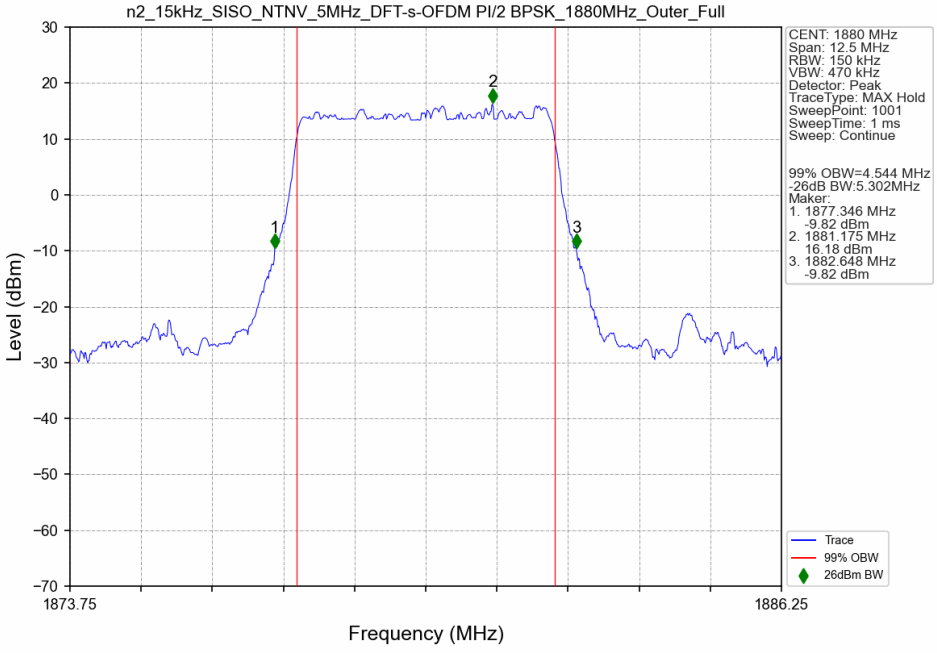
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

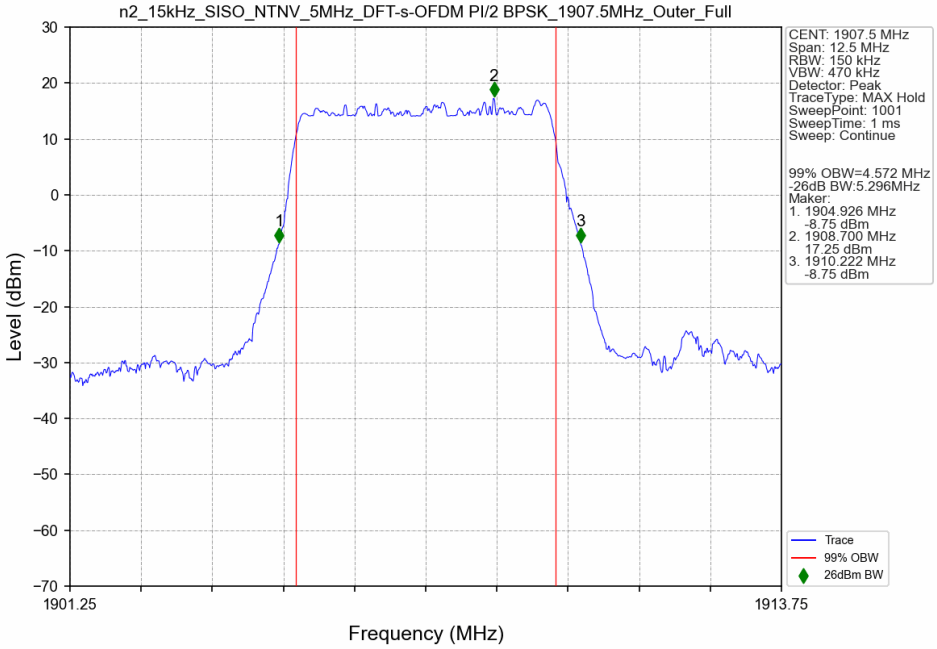
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Outer_Full_Ant2



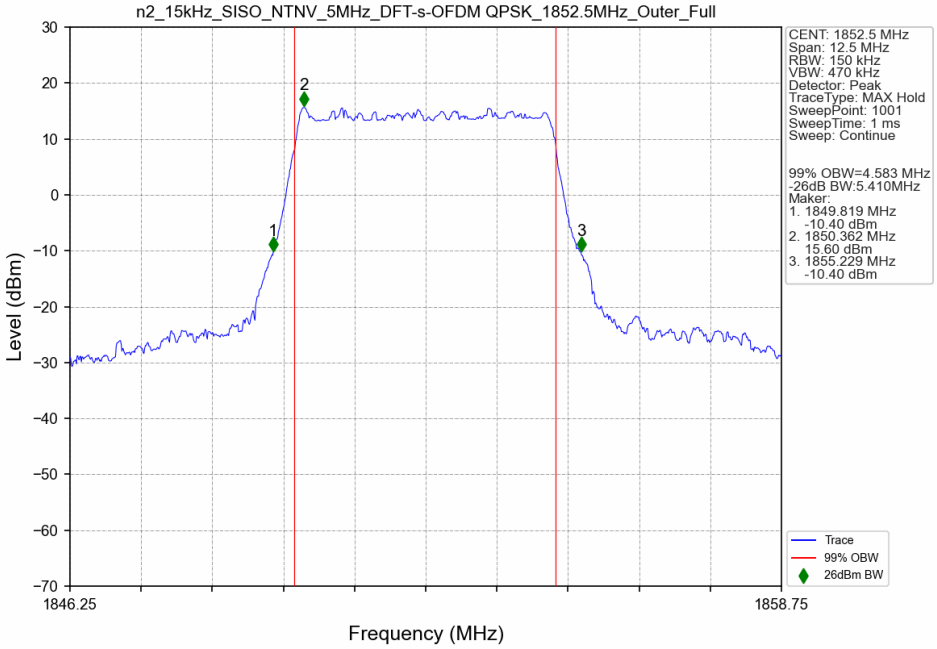
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1880MHz_Outer_Full_Ant2



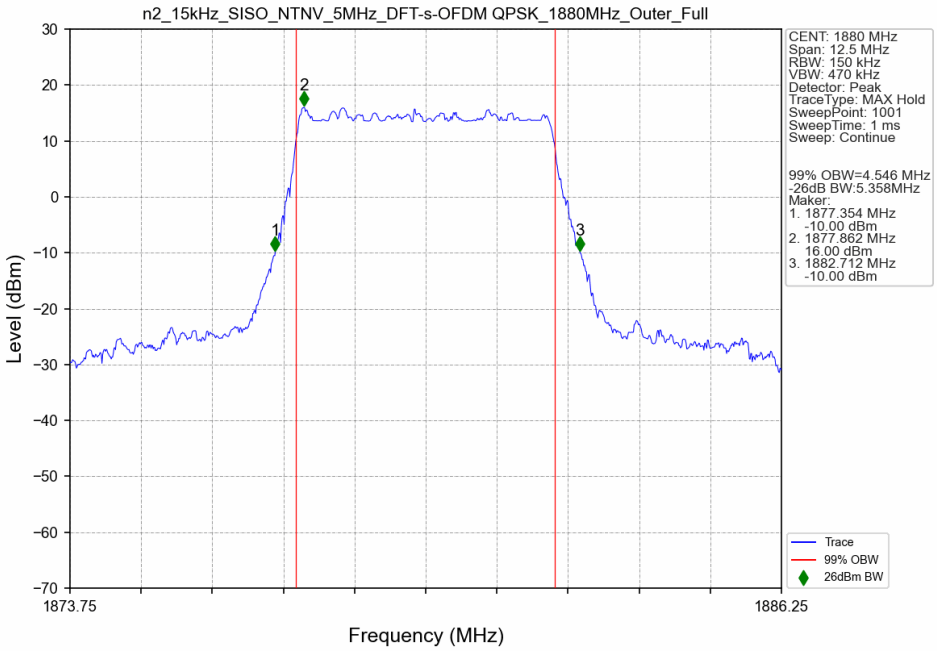
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Outer_Full_Ant2



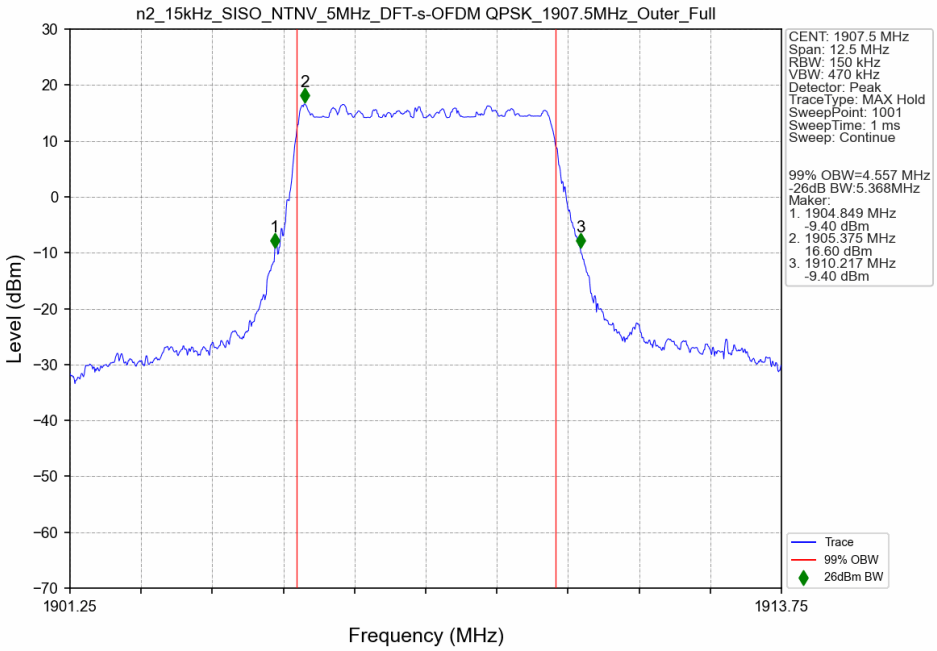
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full_Ant2



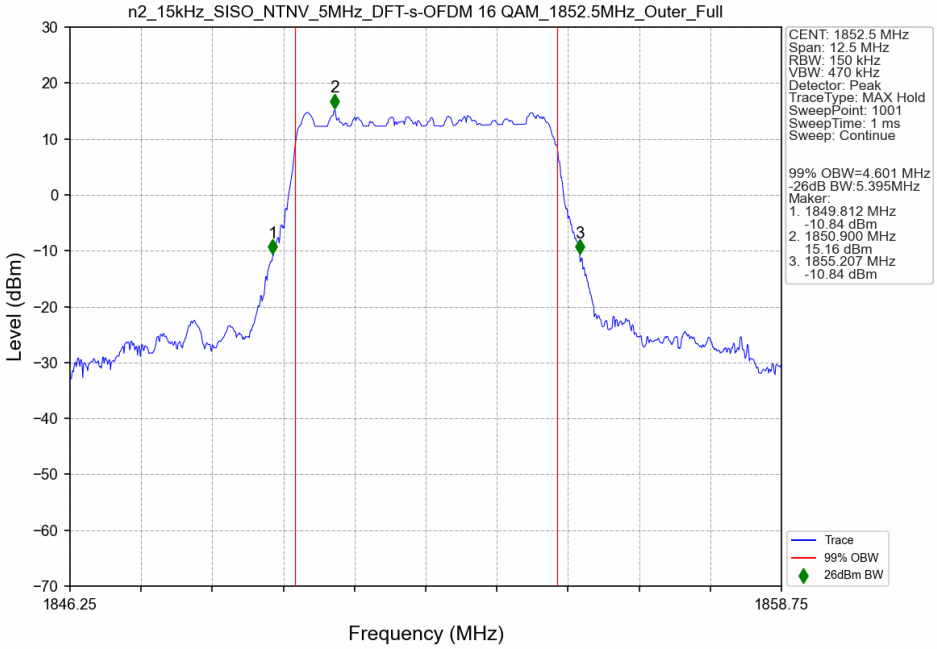
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full_Ant2



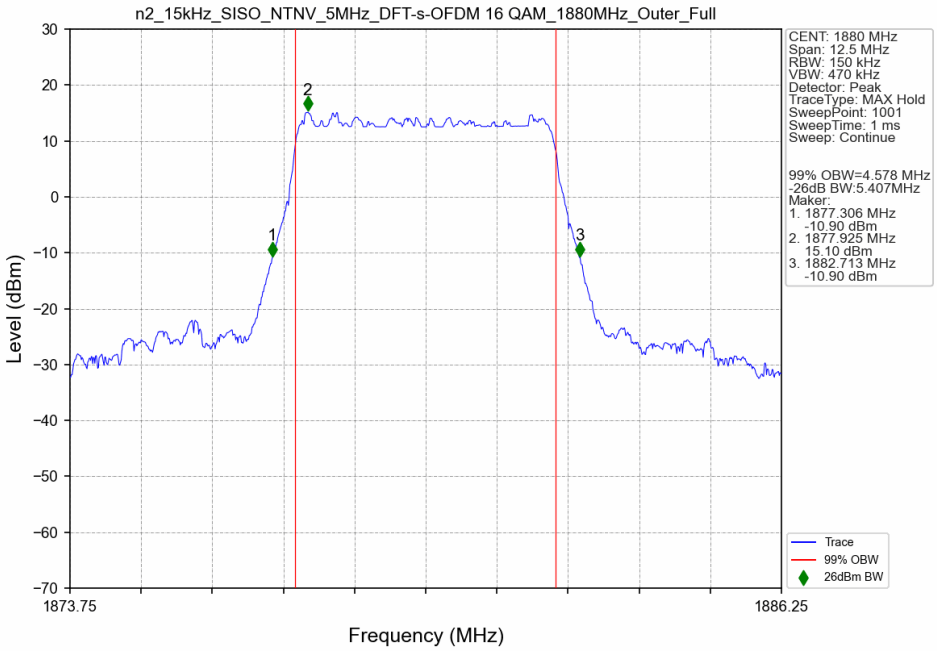
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1907.5MHz_Outer_Full_Ant2



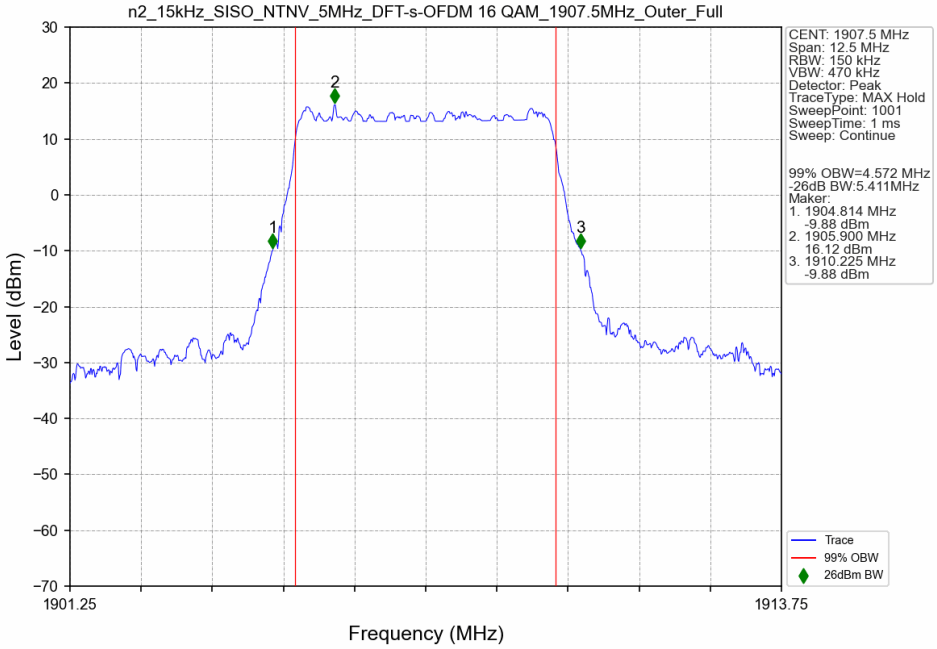
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1852.5MHz_Outer_Full_Ant2



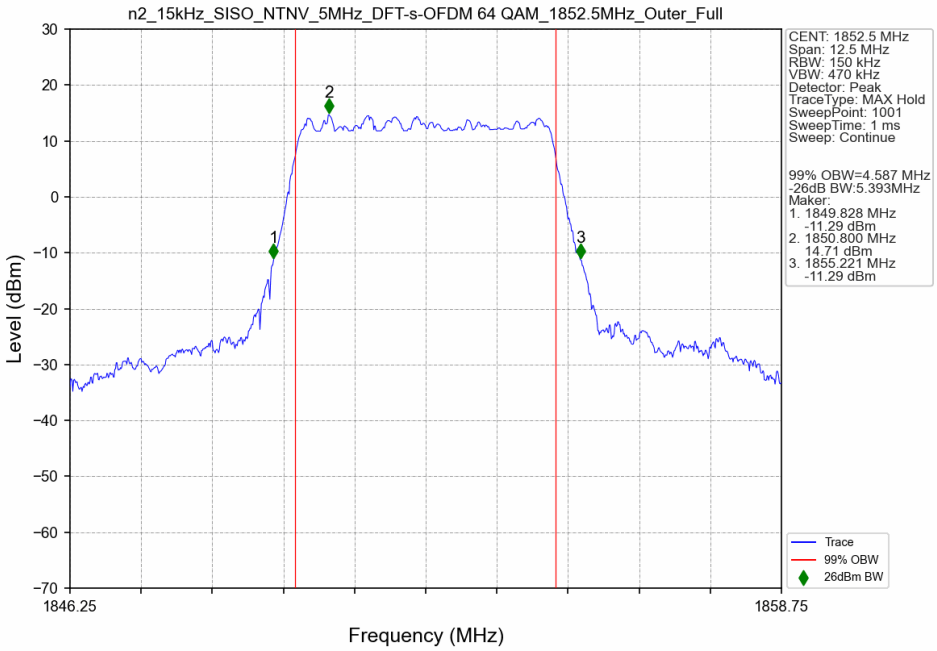
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1880MHz_Outer_Full_Ant2



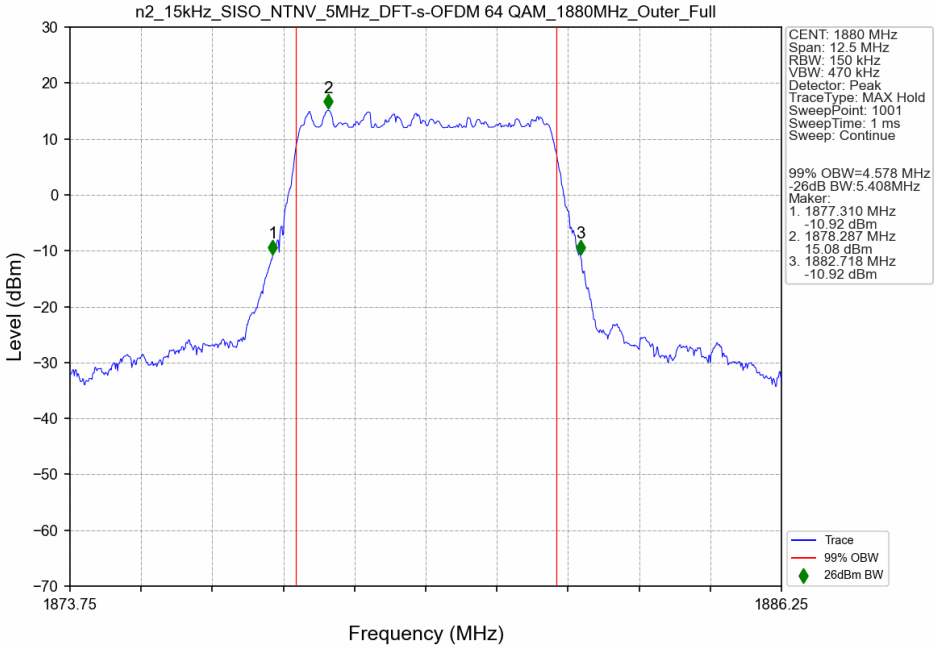
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1907.5MHz_Outer_Full_Ant2



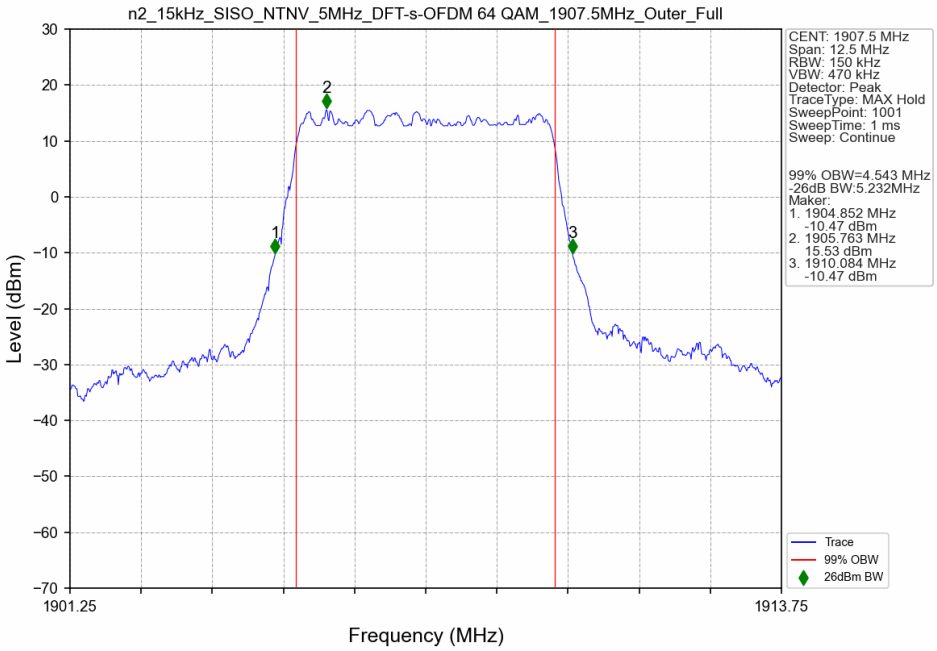
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1852.5MHz_Outer_Full_Ant2



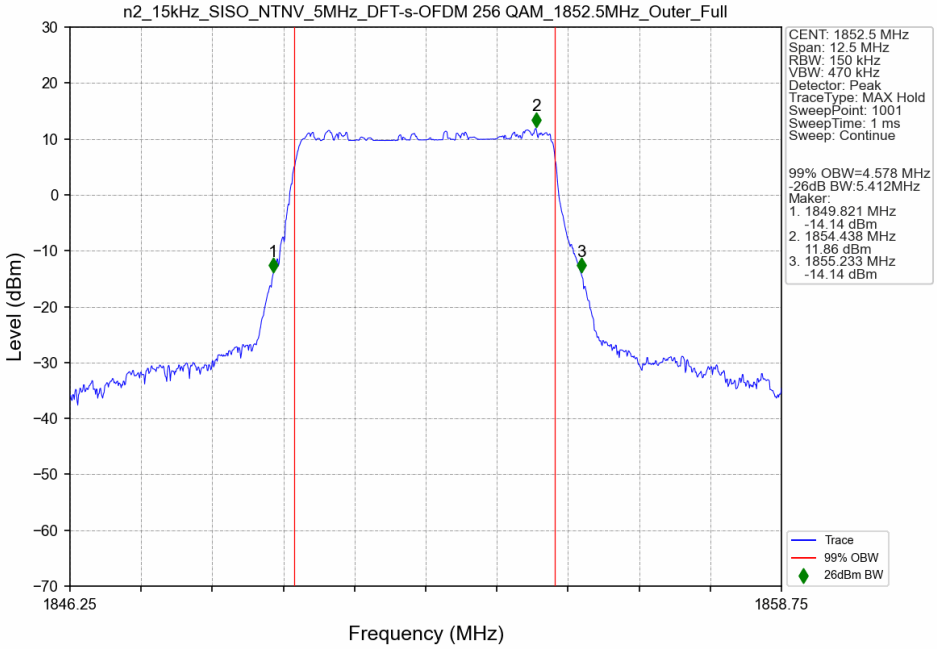
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1880MHz_Outer_Full_Ant2



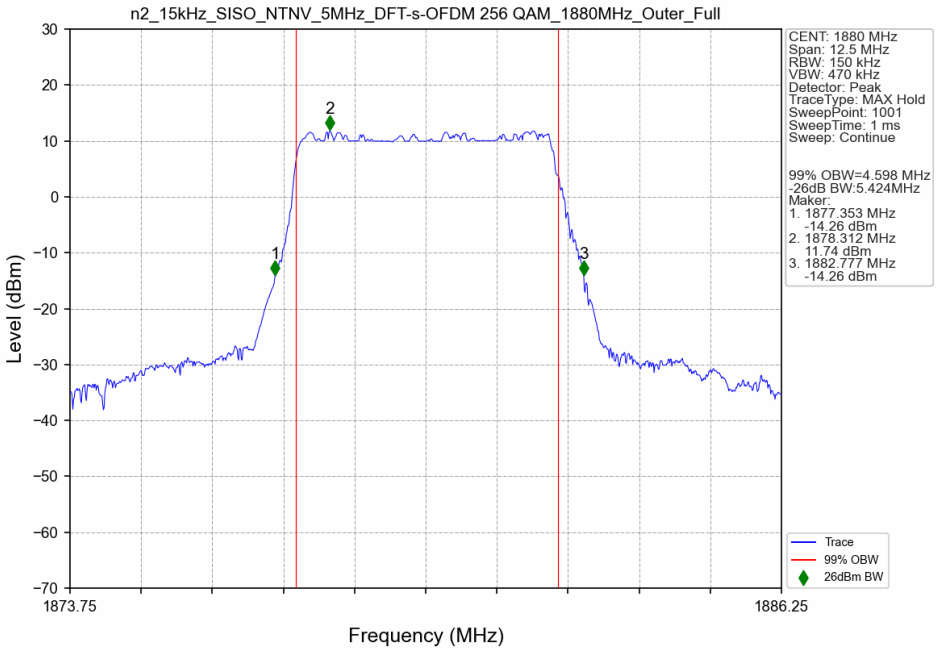
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1907.5MHz_Outer_Full_Ant2



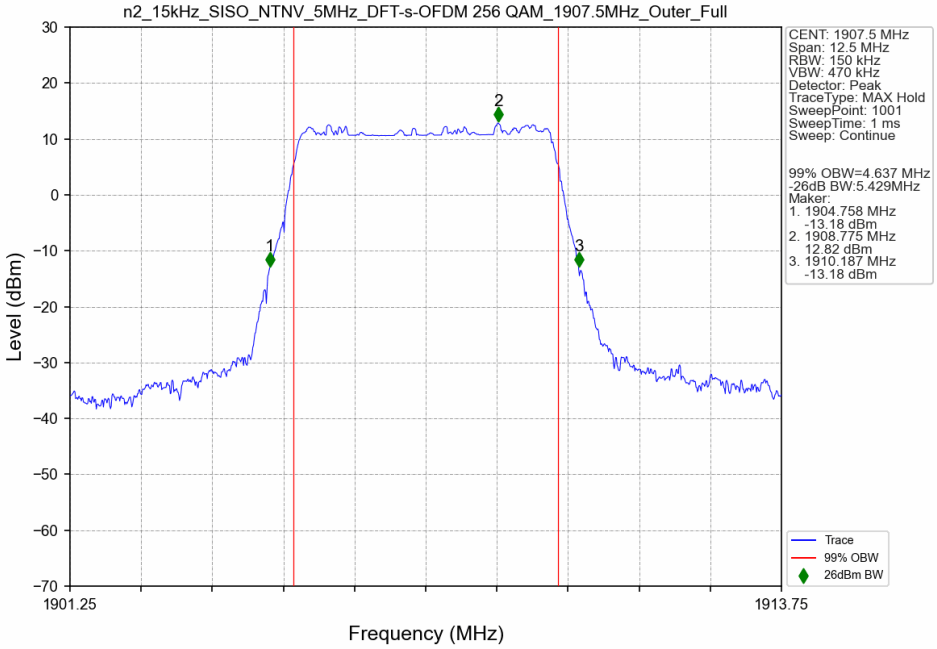
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1852.5MHz_Outer_Full_Ant2



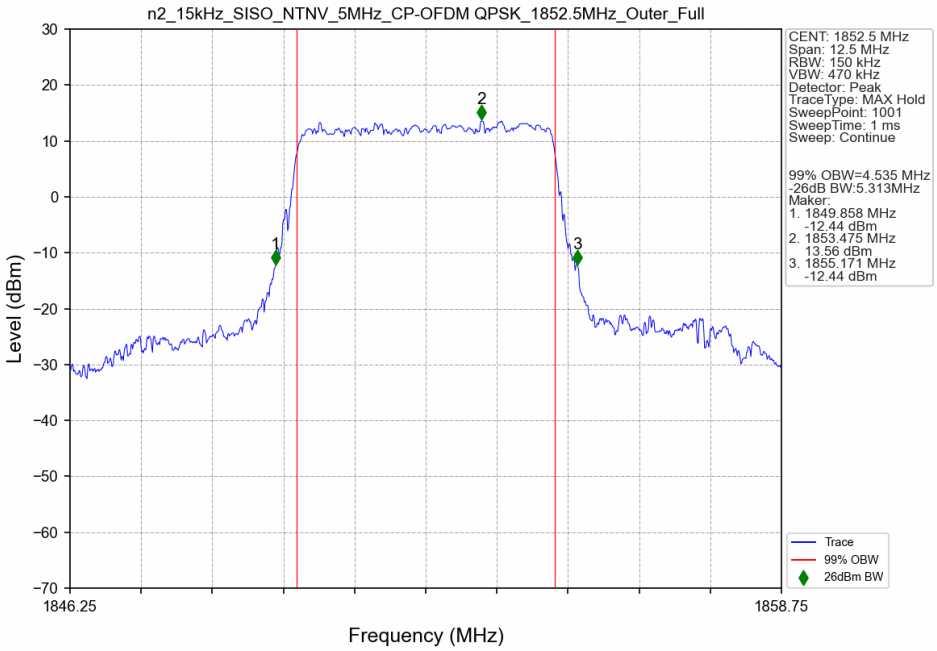
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1880MHz_Outer_Full_Ant2



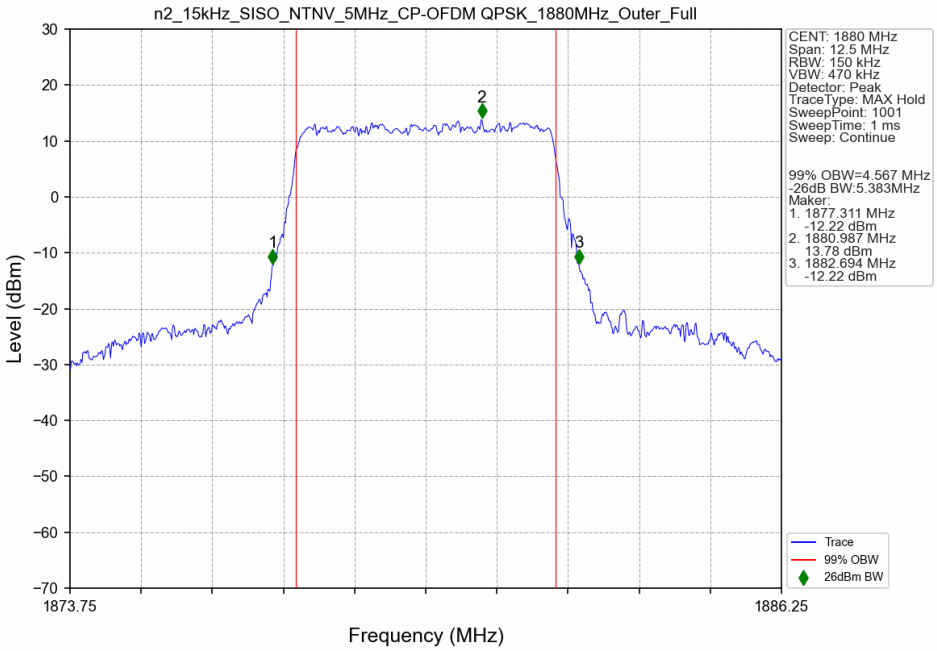
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1907.5MHz_Outer_Full_Ant2



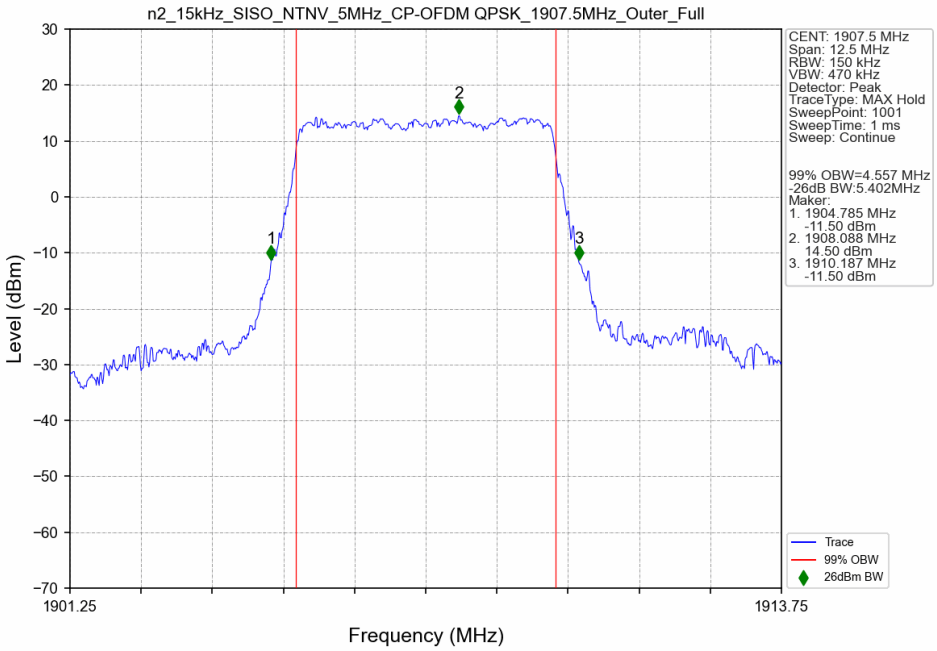
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full_Ant2



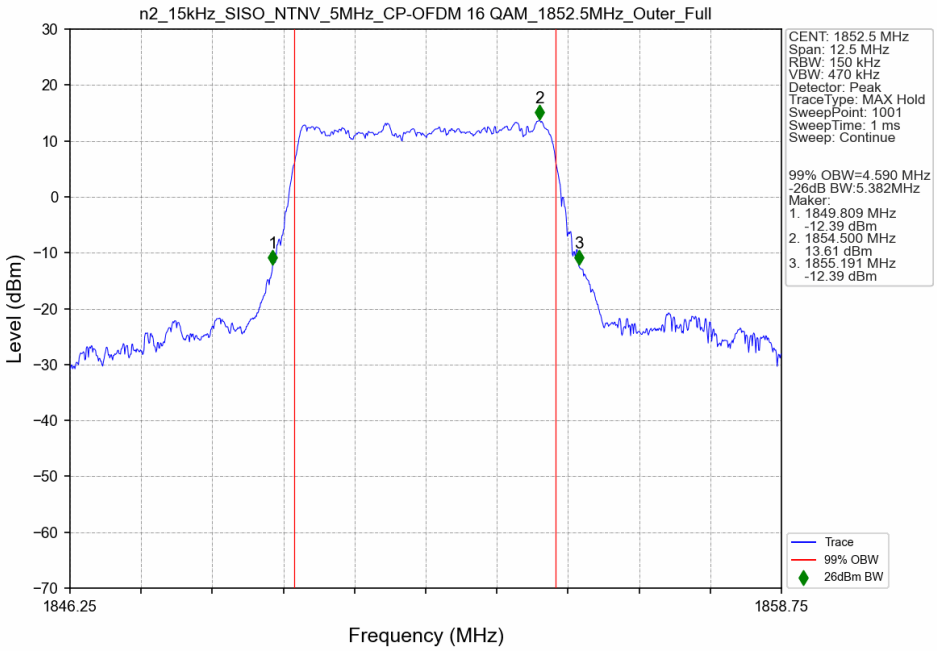
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1880MHz_Outer_Full_Ant2



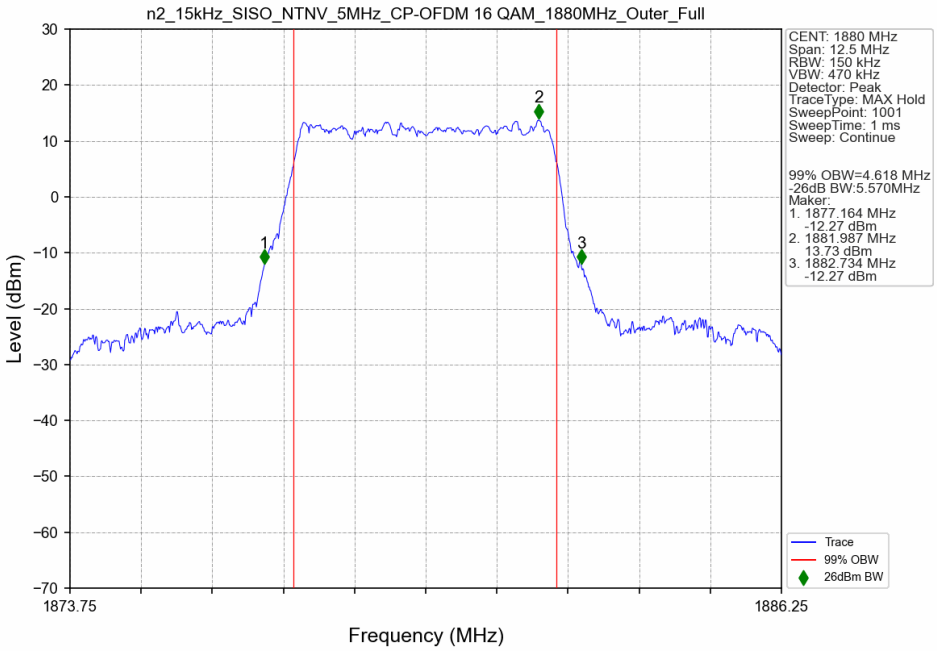
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1907.5MHz_Outer_Full_Ant2



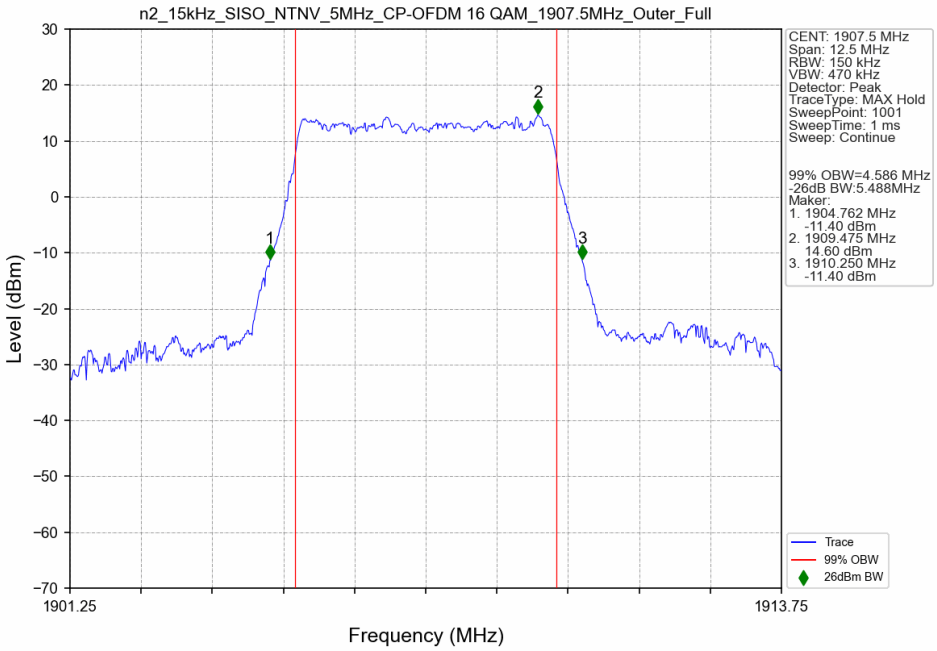
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1852.5MHz_Outer_Full_Ant2



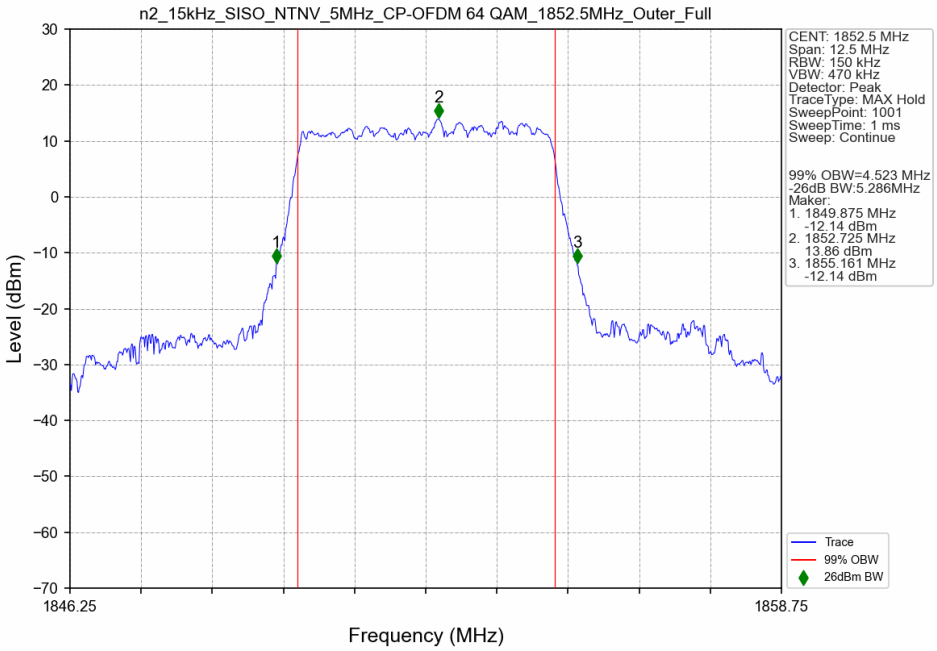
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full_Ant2



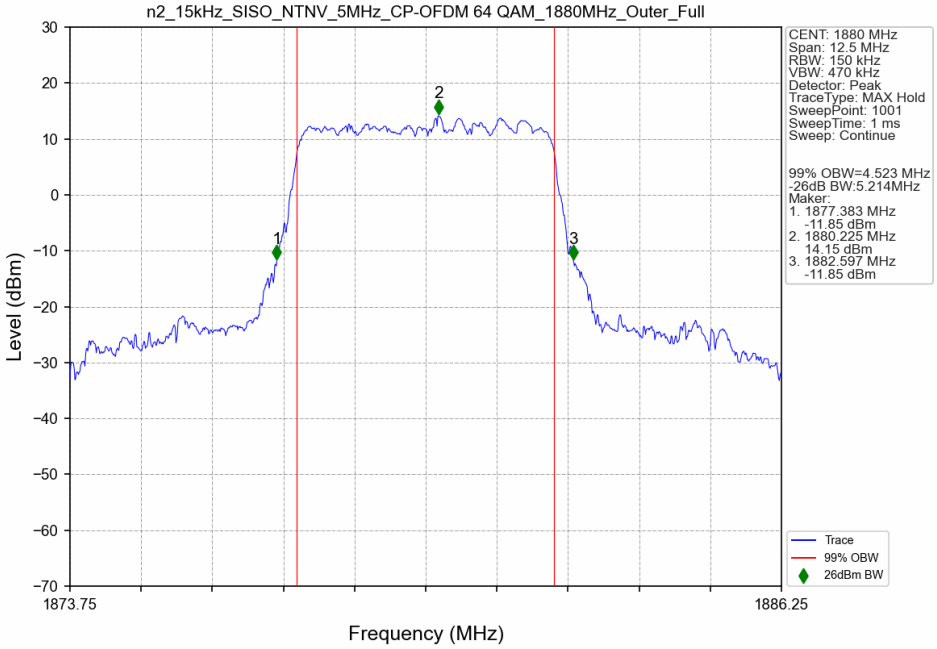
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1907.5MHz_Outer_Full_Ant2



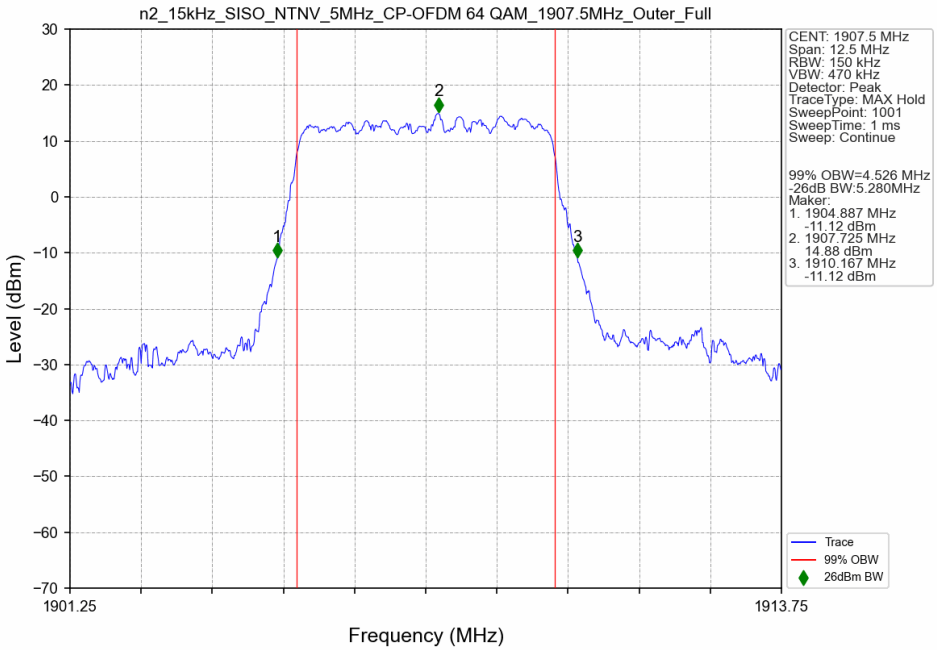
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1852.5MHz_Outer_Full_Ant2



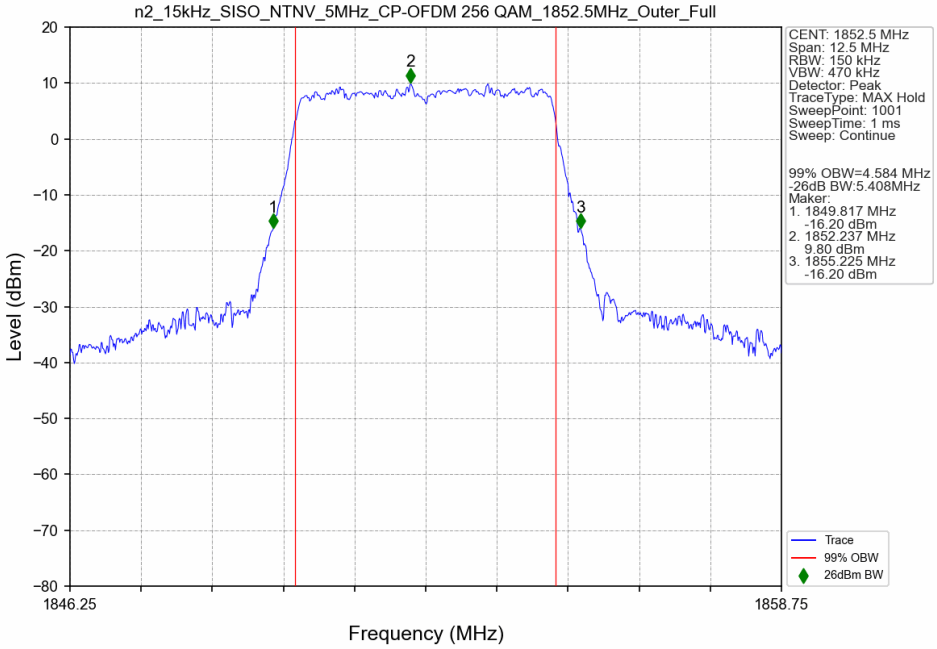
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1880MHz_Outer_Full_Ant2



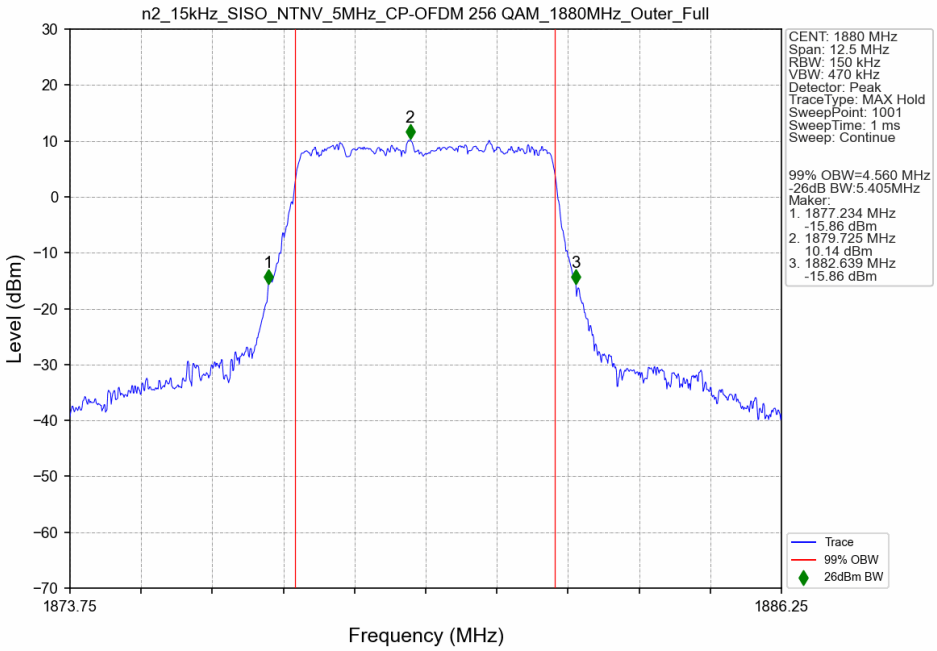
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1907.5MHz_Outer_Full_Ant2



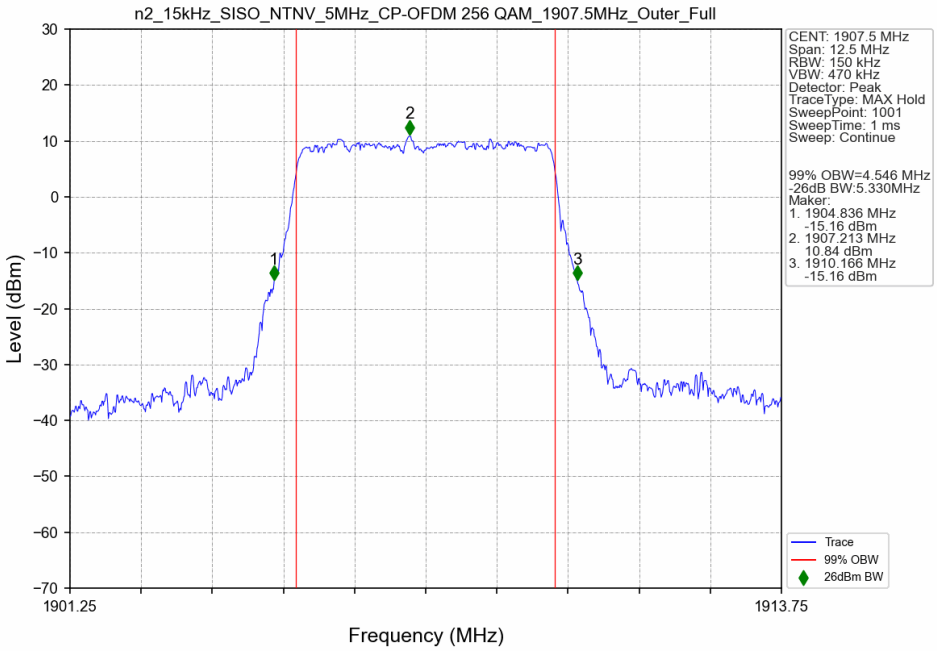
n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1852.5MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full_Ant2

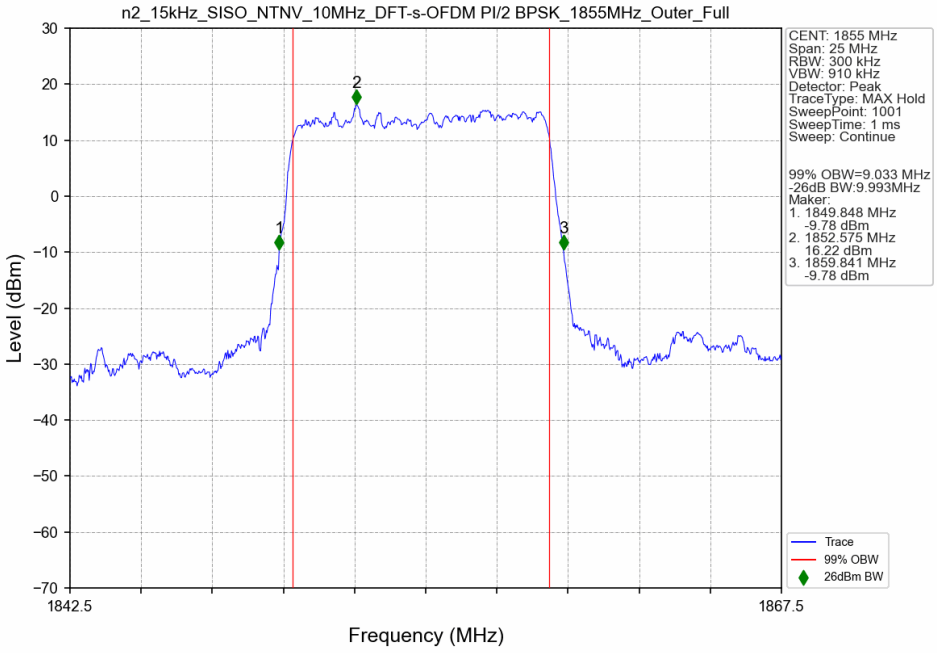


n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1907.5MHz_Outer_Full_Ant2

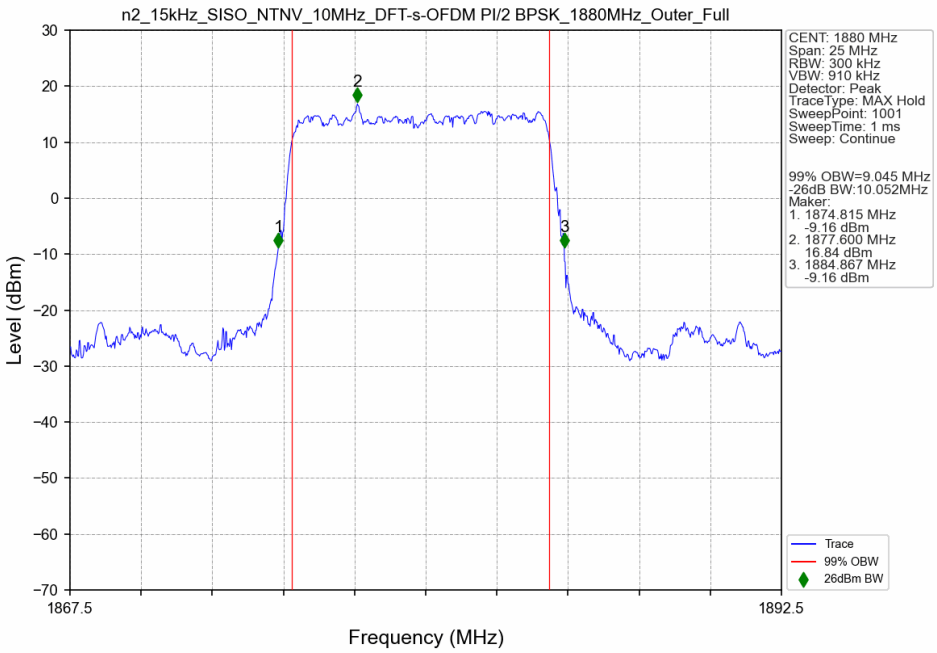


3.2.2 15k_SISO_10MHz_NTNV

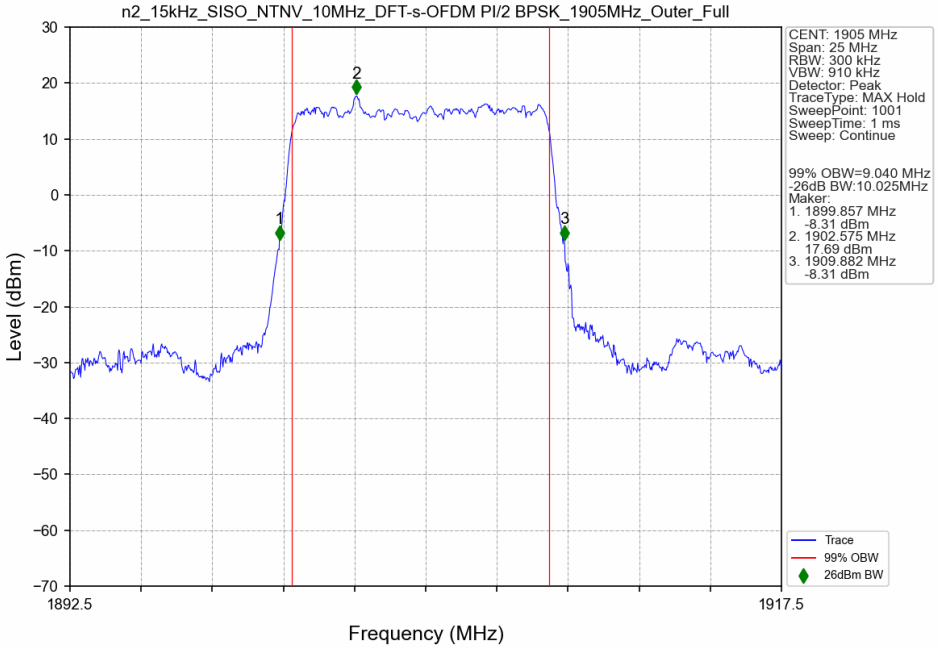
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1855MHz_Outer_Full_Ant2



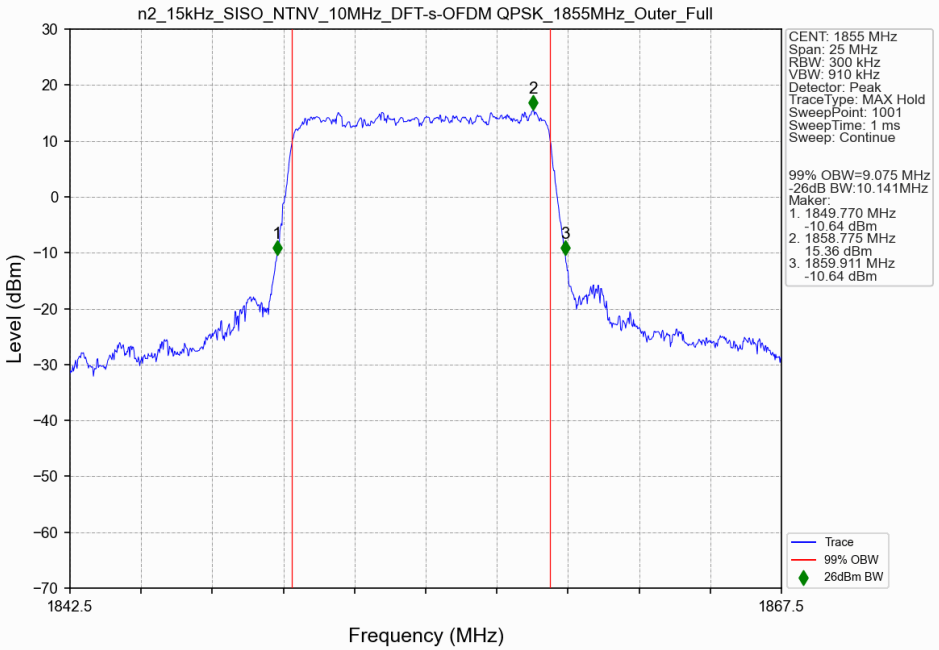
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1880MHz_Outer_Full_Ant2



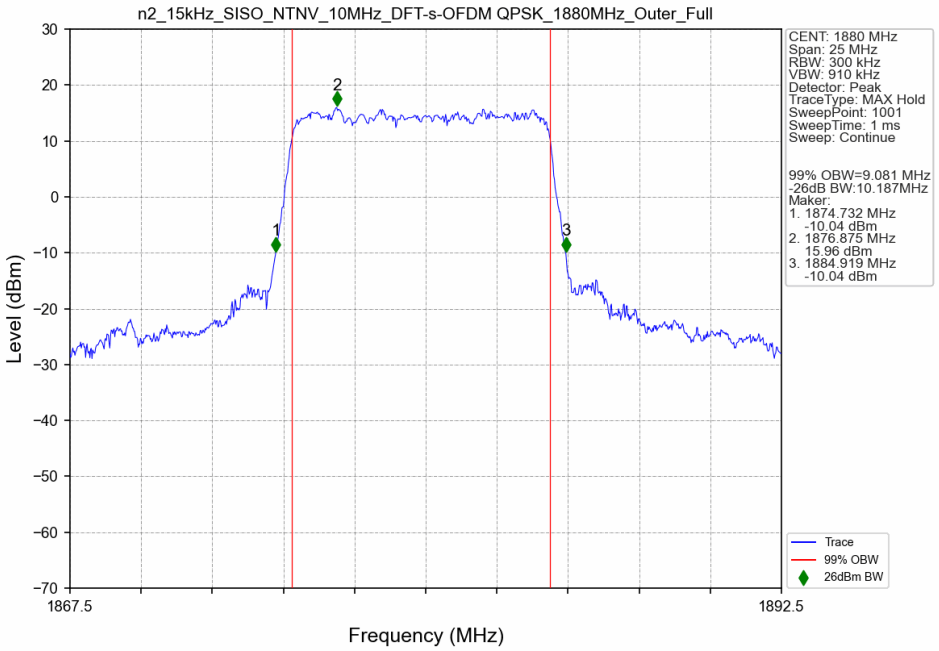
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Outer_Full_Ant2



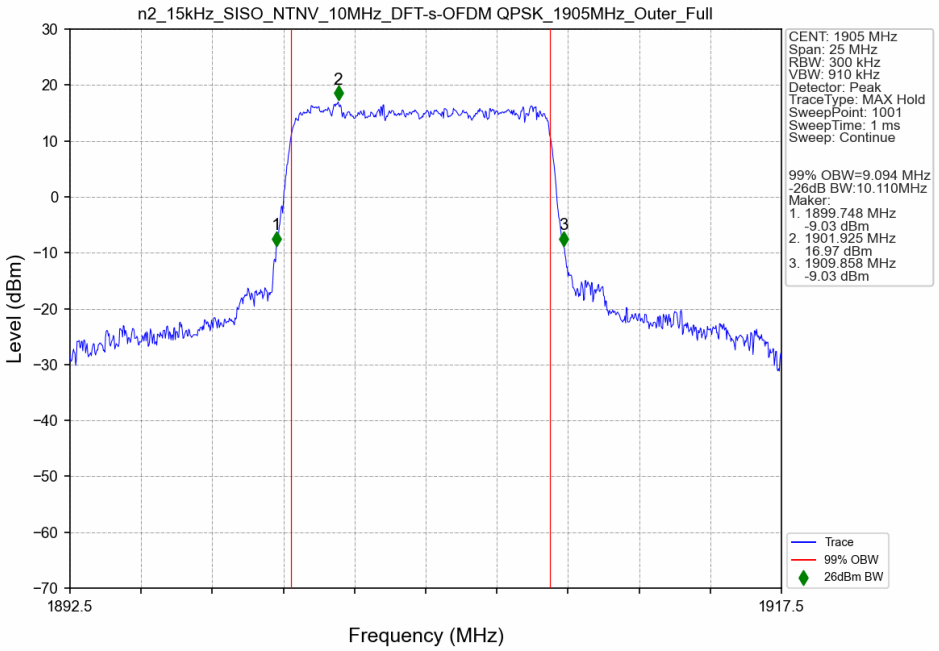
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Outer_Full_Ant2



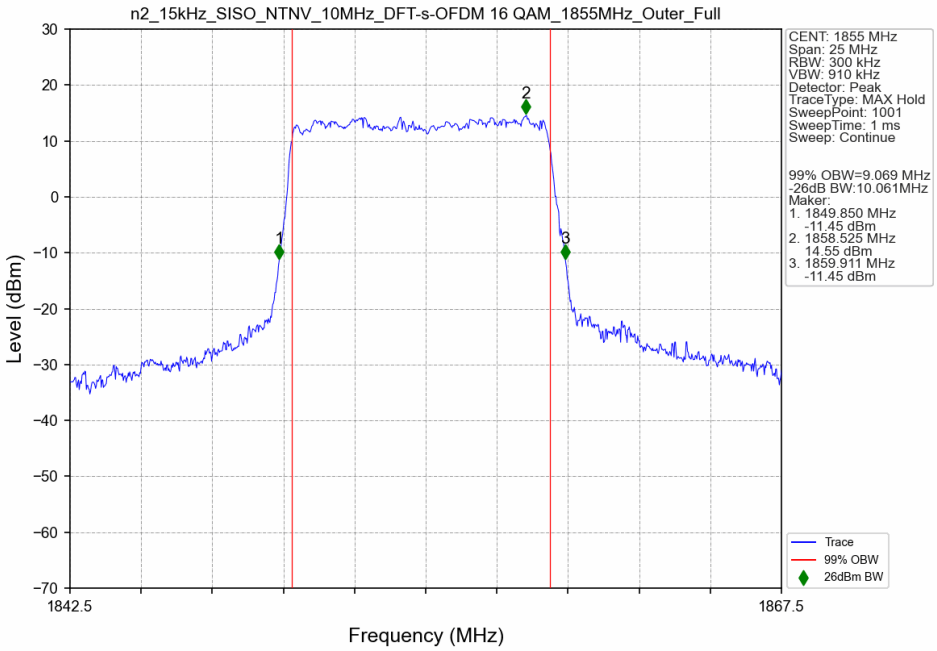
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full_Ant2



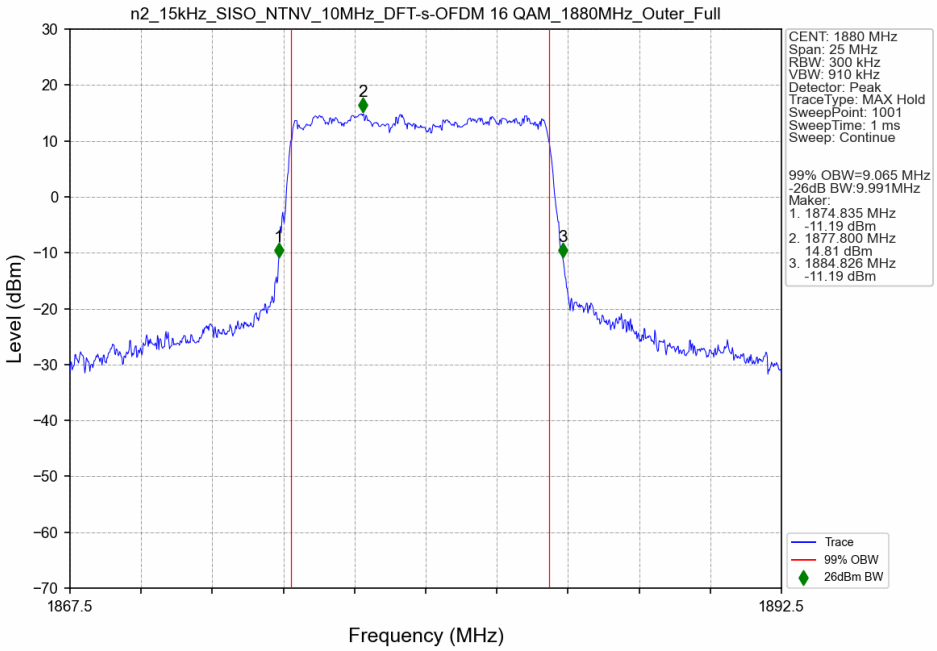
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1905MHz_Outer_Full_Ant2



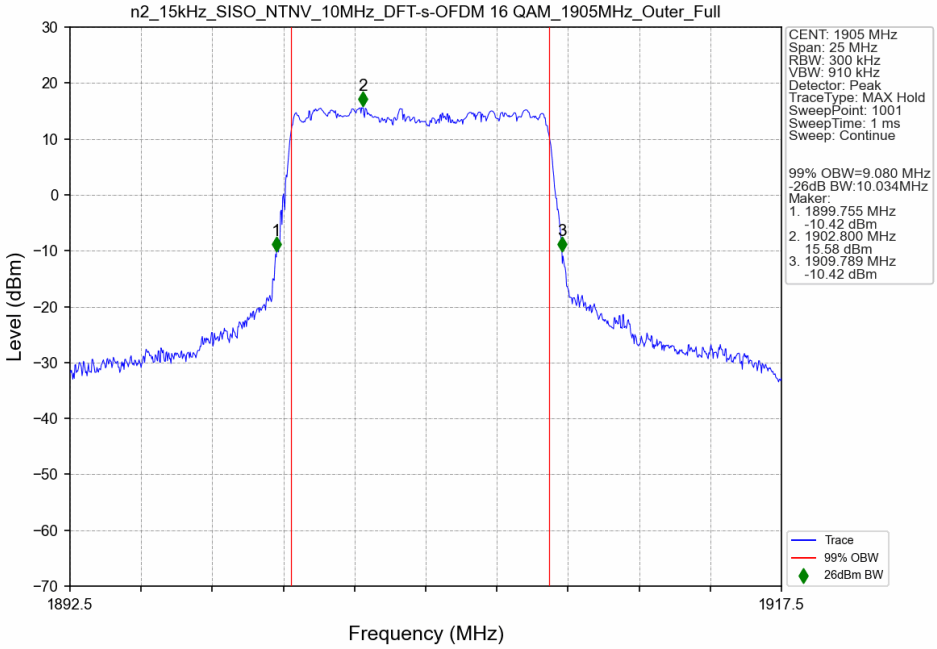
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1855MHz_Outer_Full_Ant2



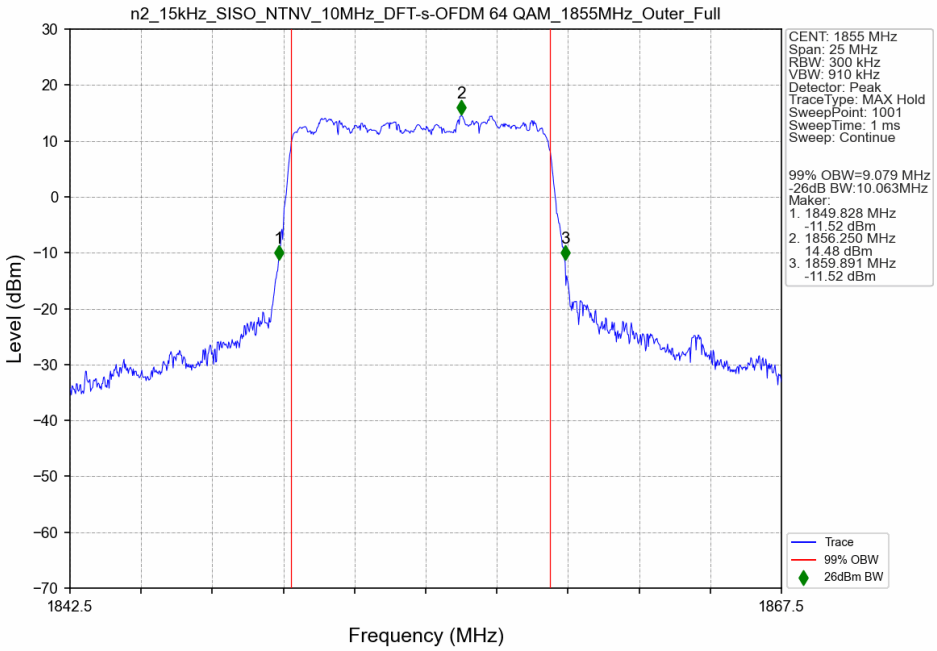
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1880MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1905MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1855MHz_Outer_Full_Ant2



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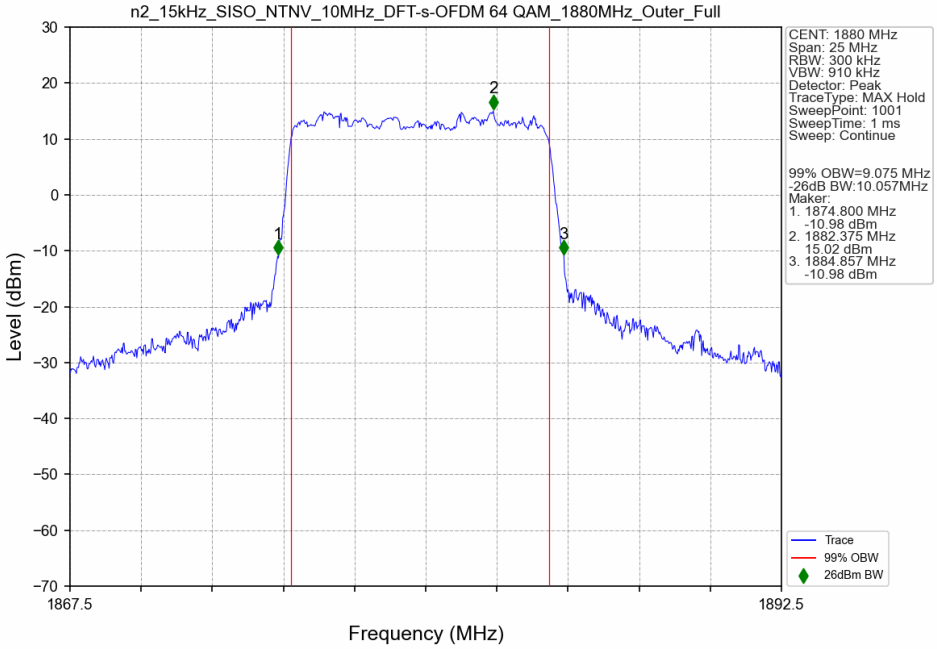
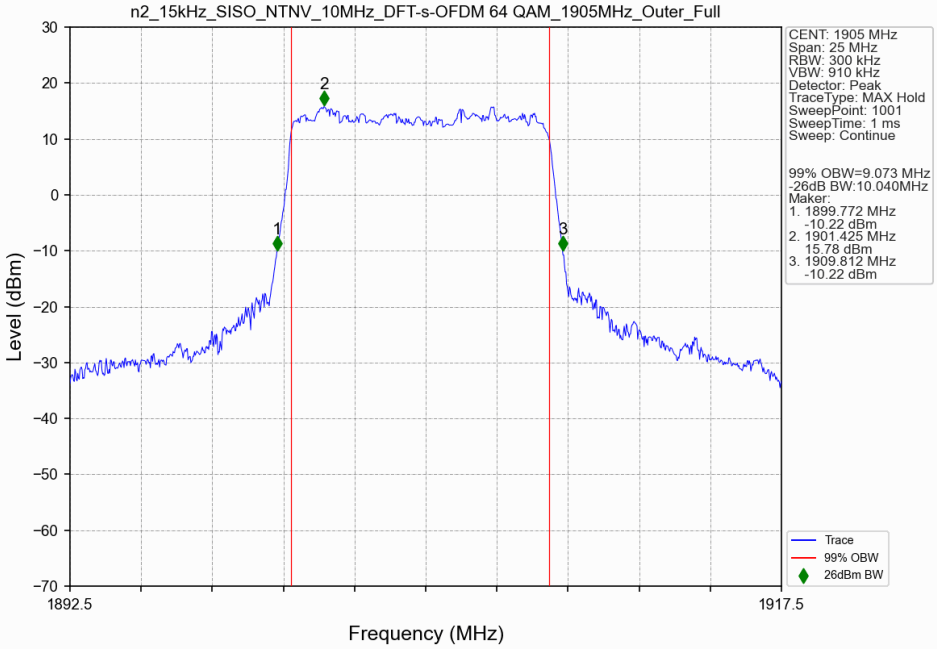
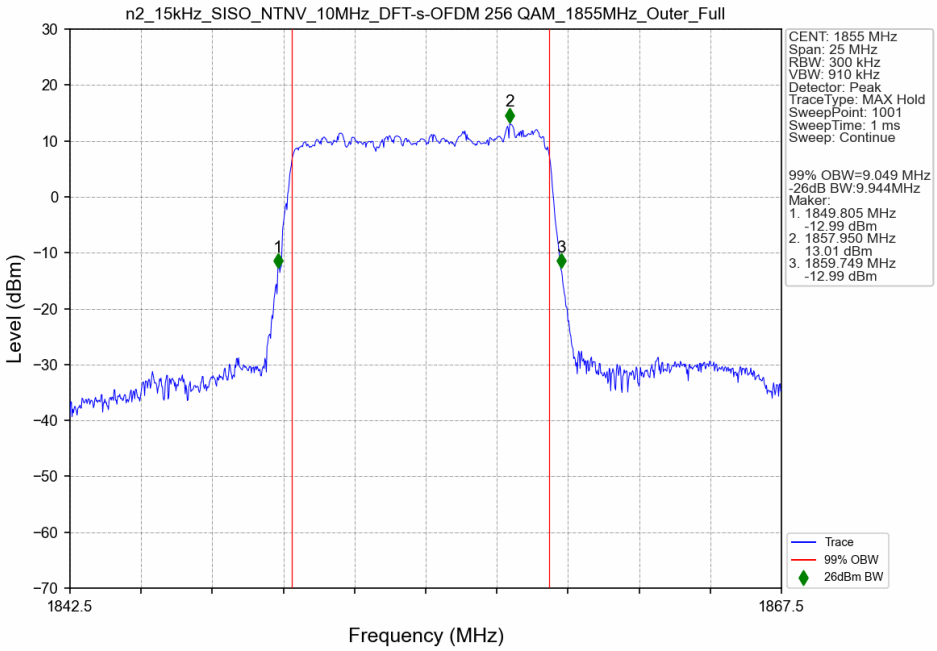


n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1905MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1855MHz_Outer_Full_Ant2



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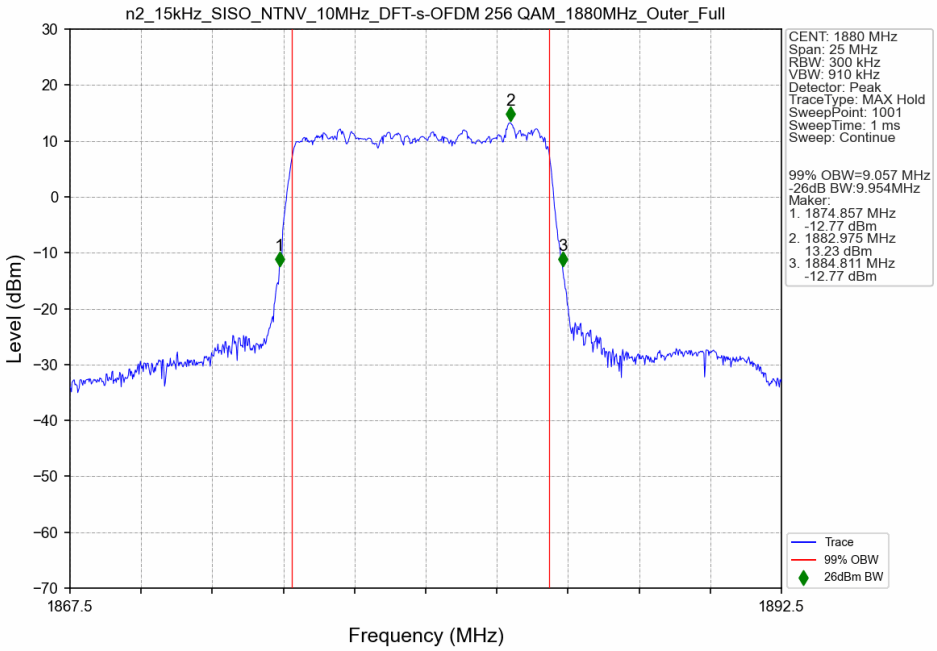
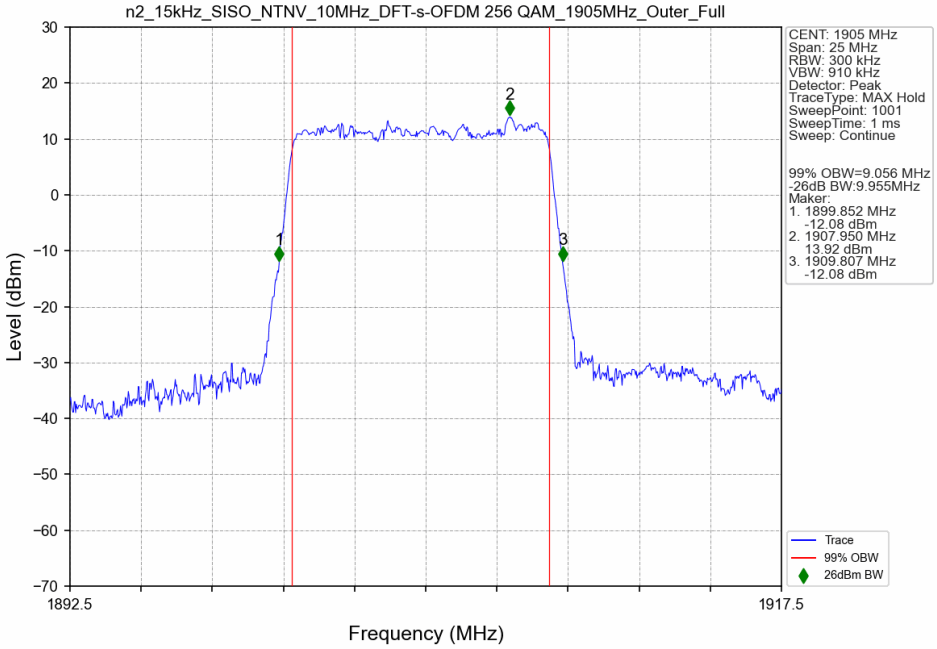
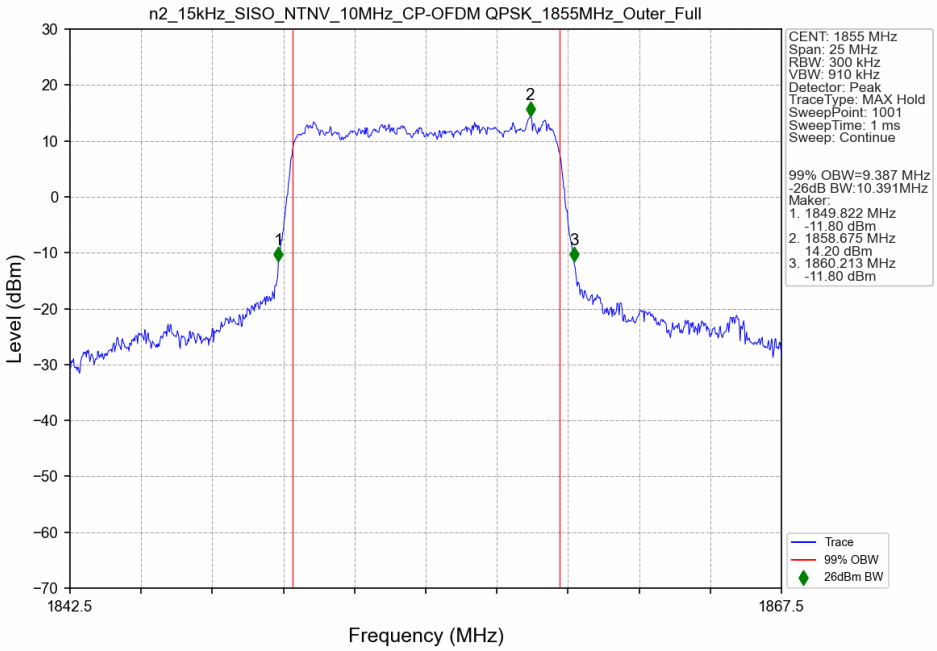


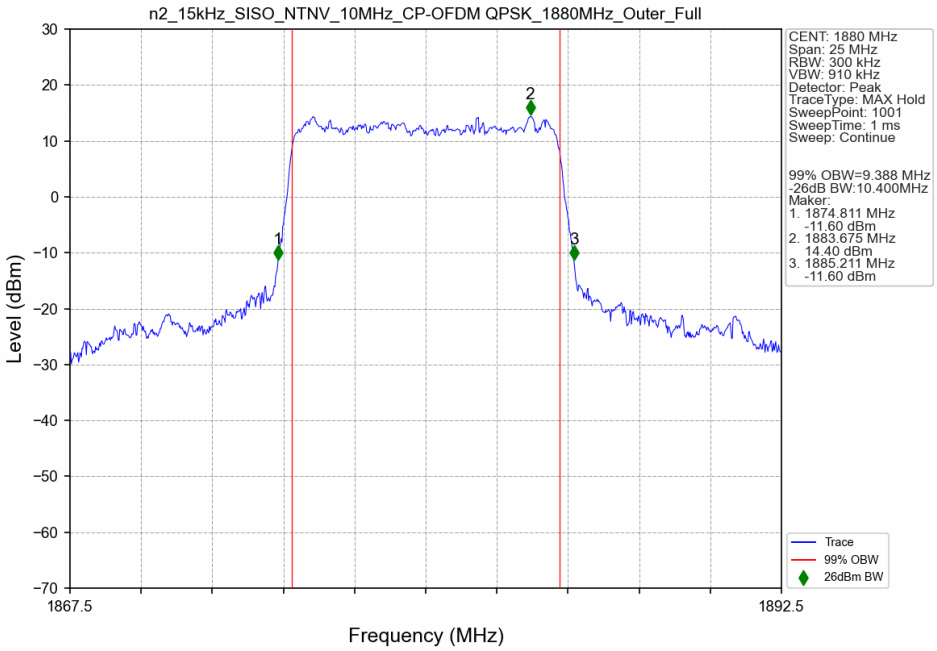
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1905MHz_Outer_Full_Ant2



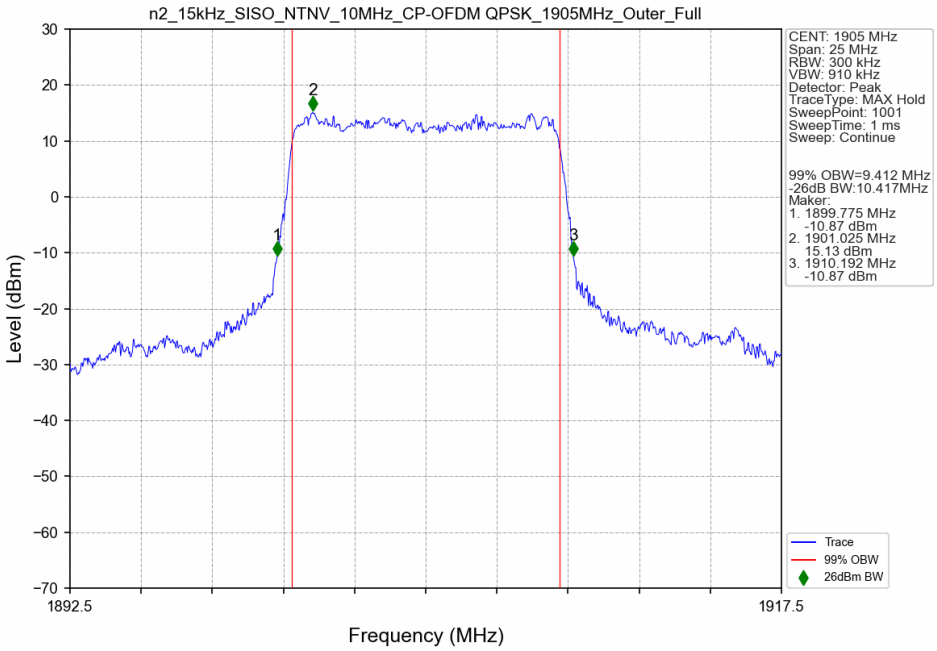
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full_Ant2



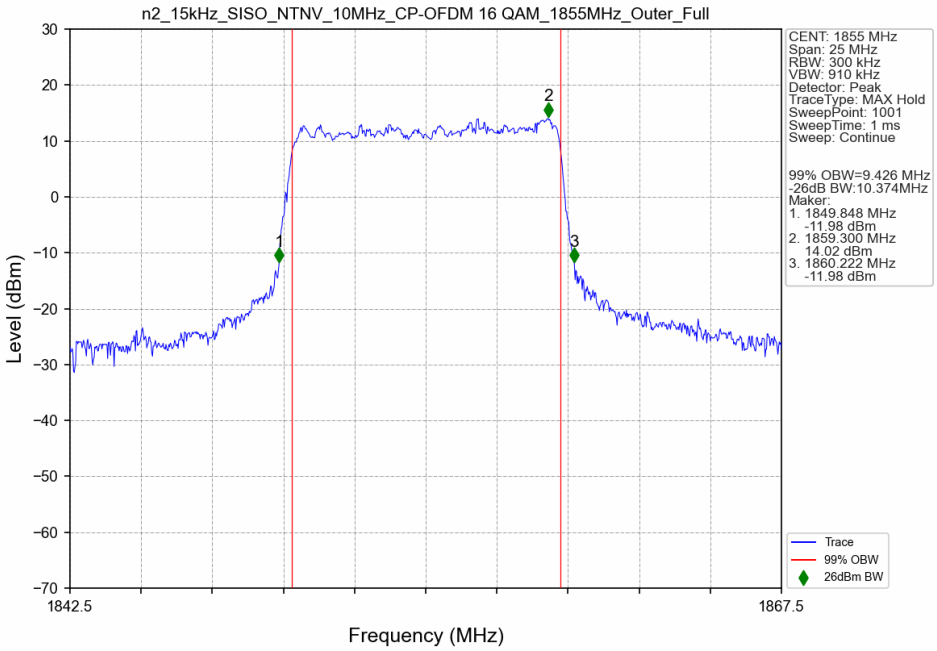
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1880MHz_Outer_Full_Ant2



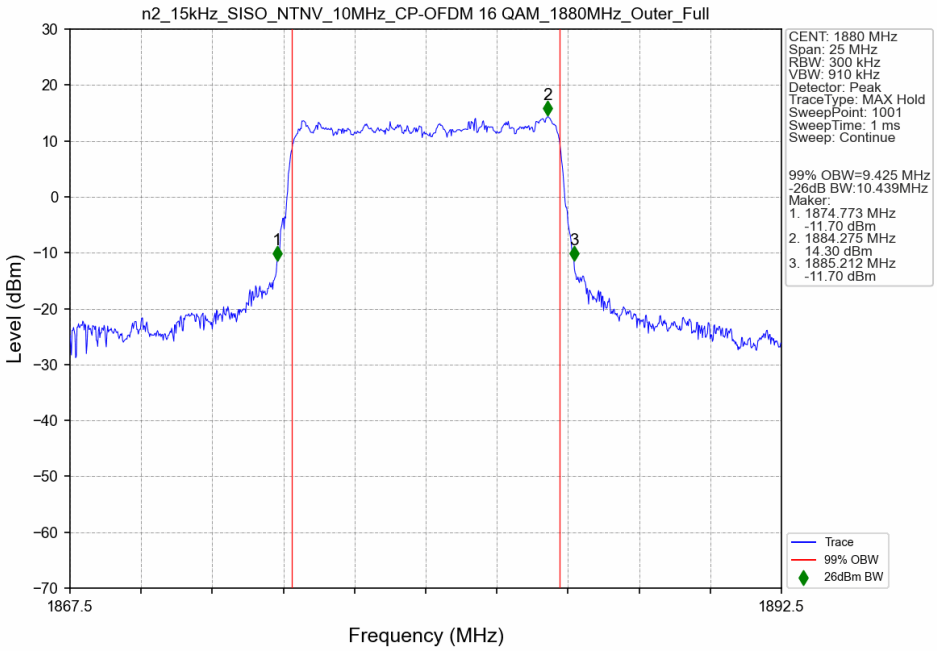
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1905MHz_Outer_Full_Ant2



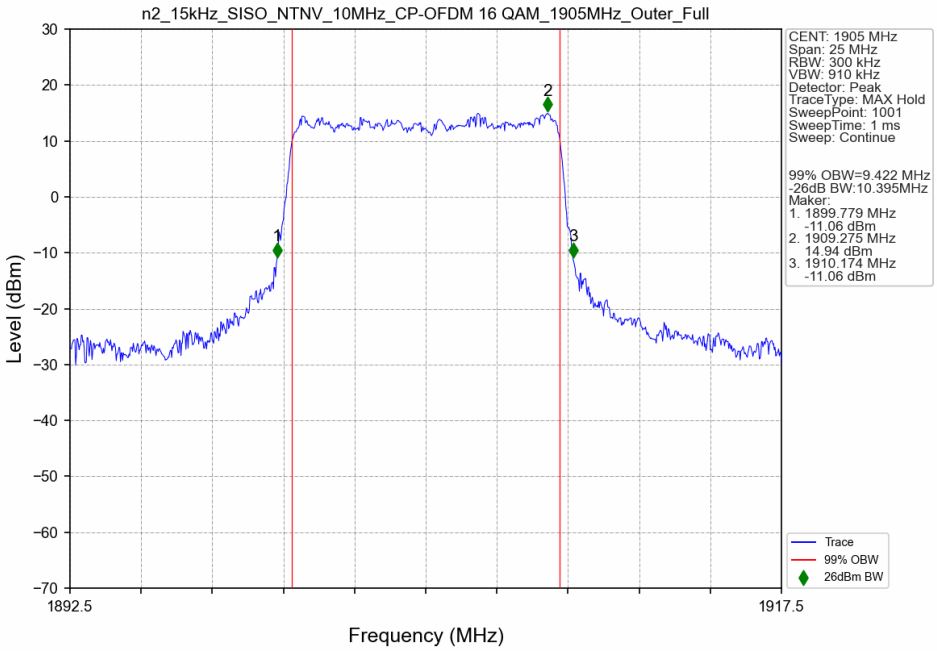
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1855MHz_Outer_Full_Ant2



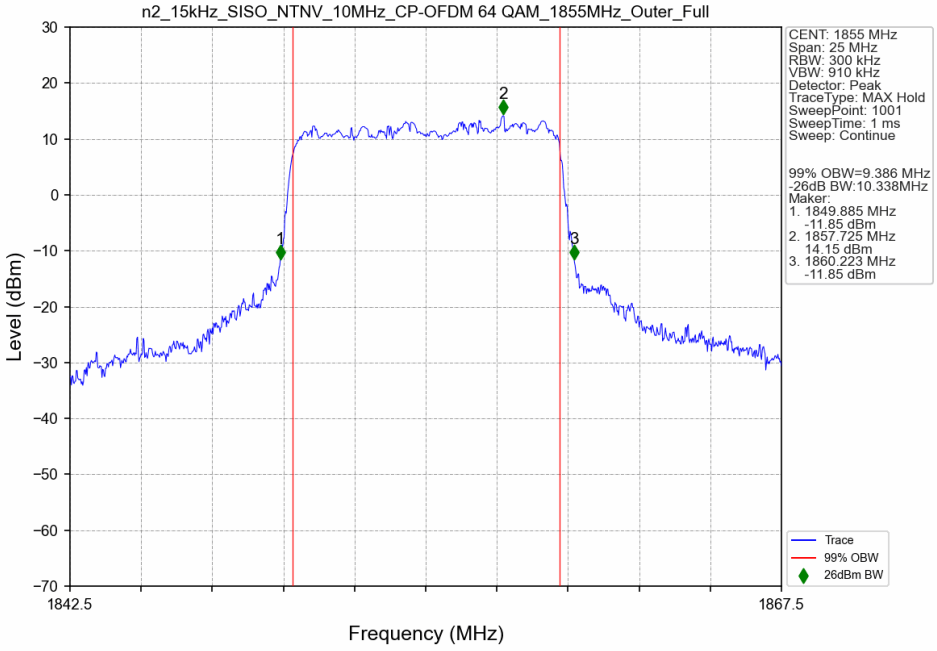
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1880MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1905MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1855MHz_Outer_Full_Ant2



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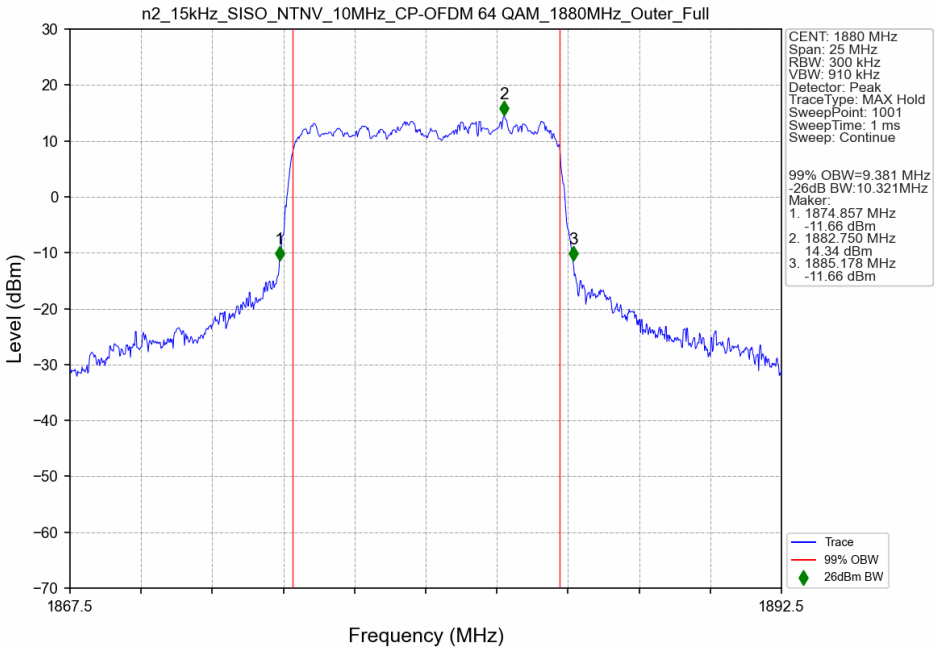
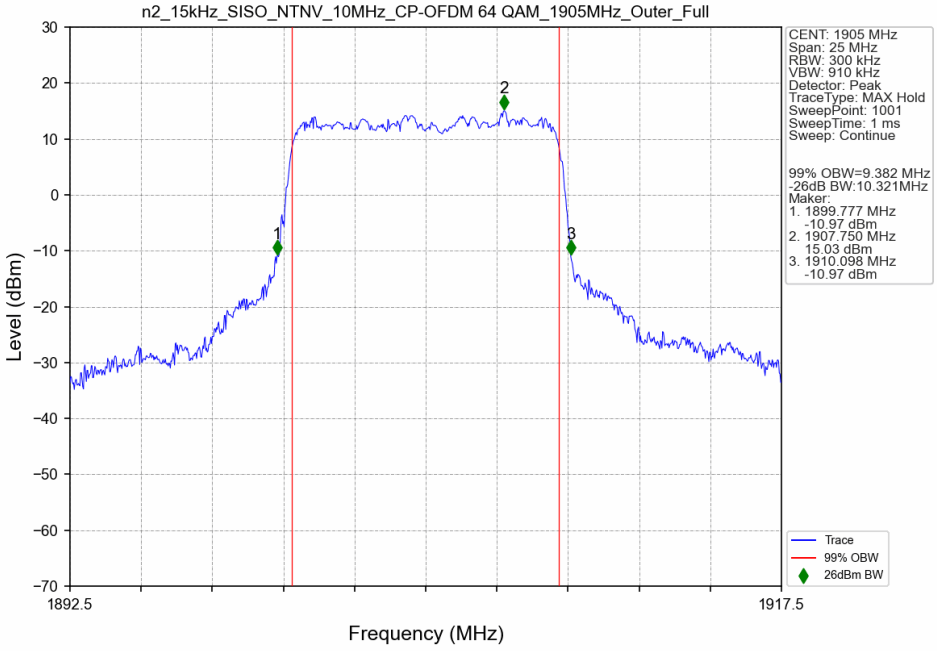
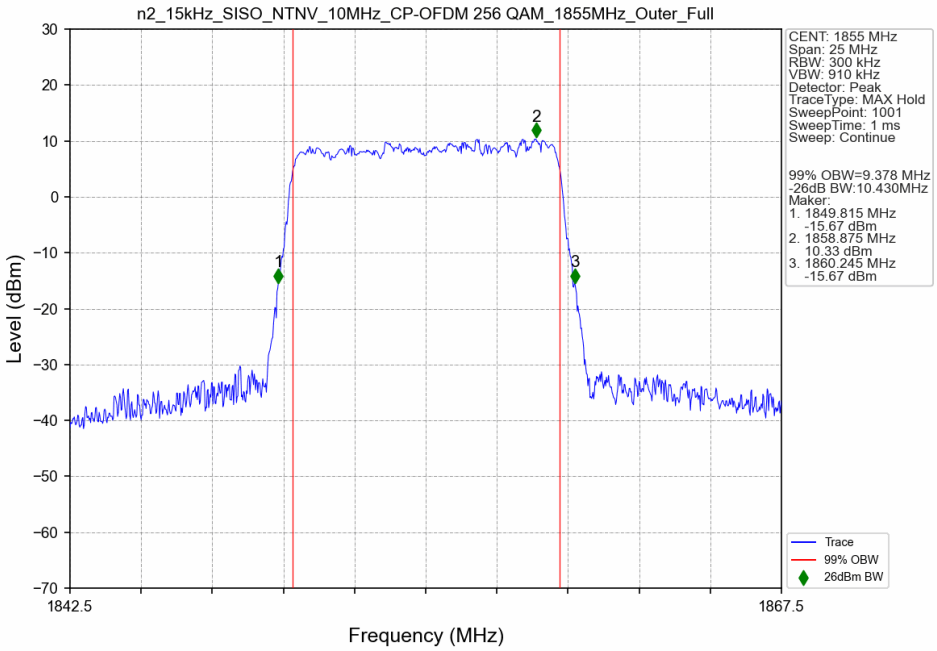


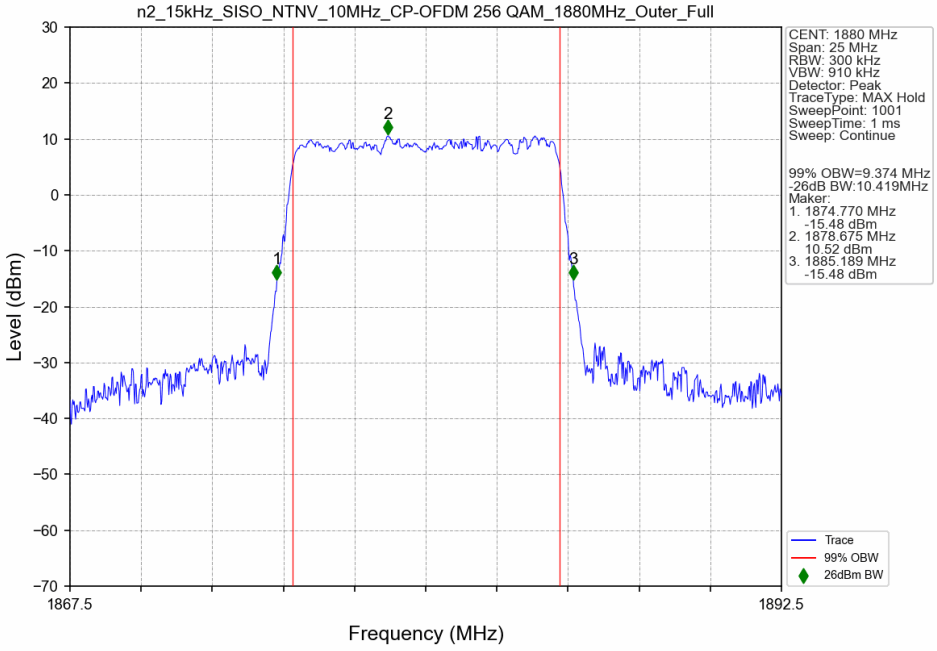
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1905MHz_Outer_Full_Ant2



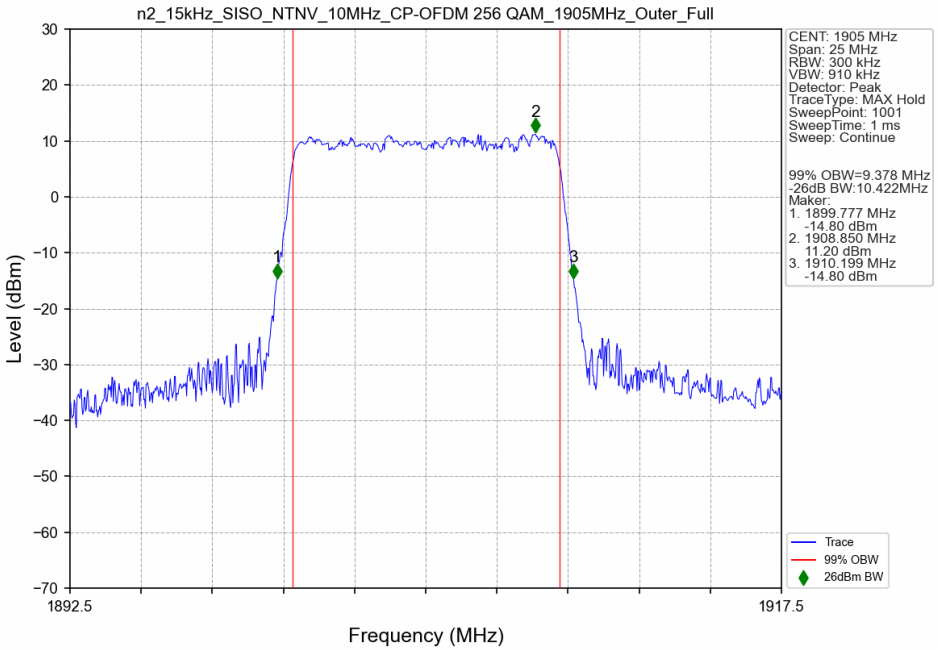
n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1855MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full_Ant2

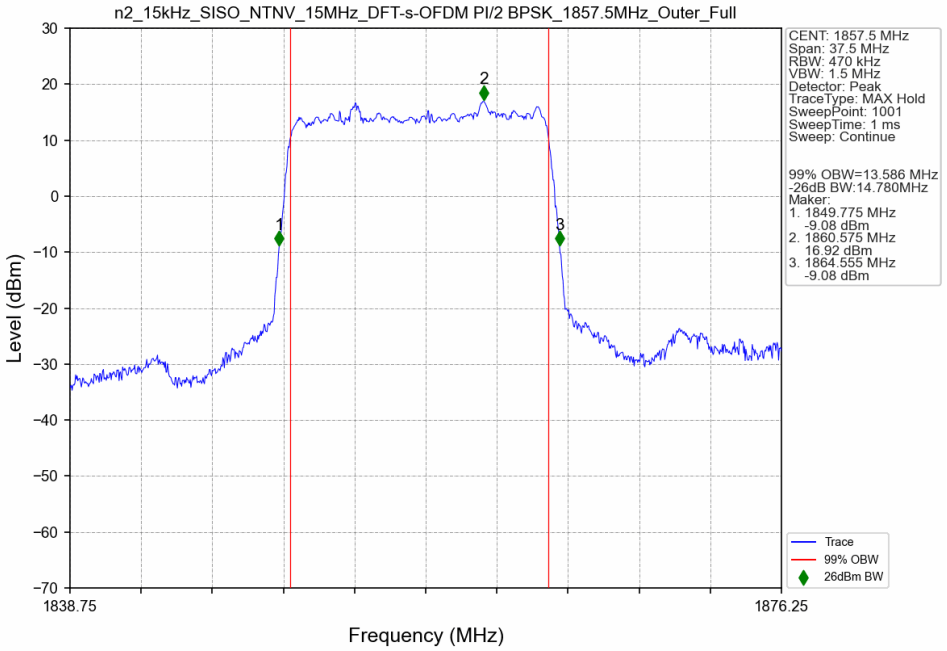


n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1905MHz_Outer_Full_Ant2

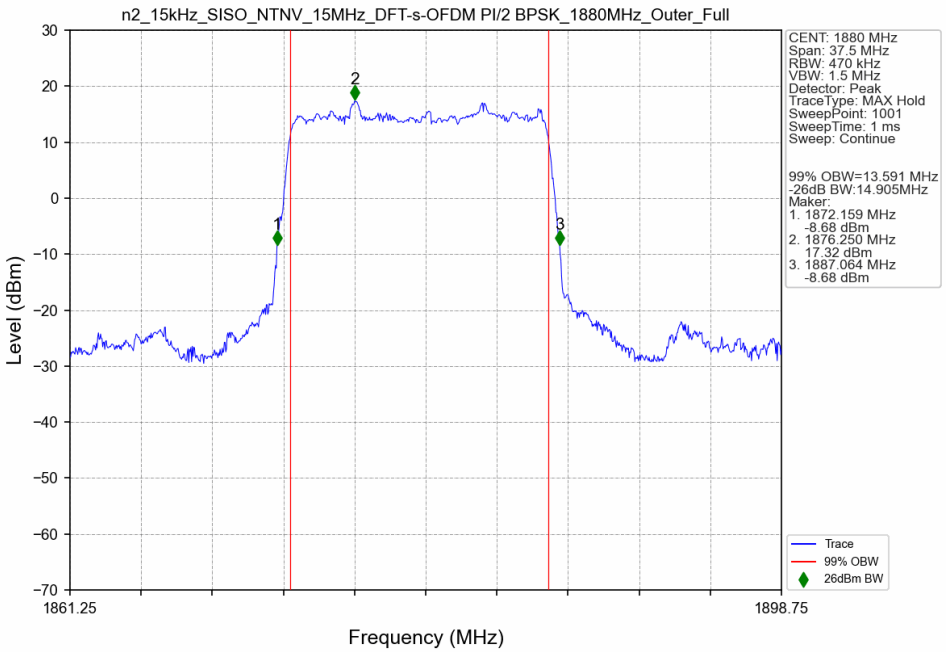


3.2.3 15k_SISO_15MHz_NTNV

n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1880MHz_Outer_Full_Ant2



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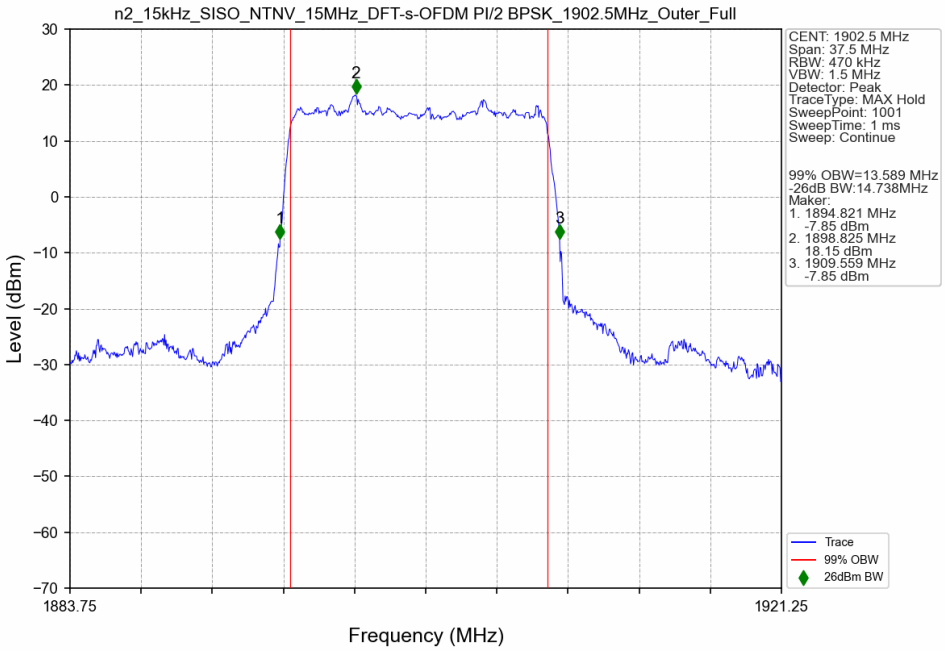
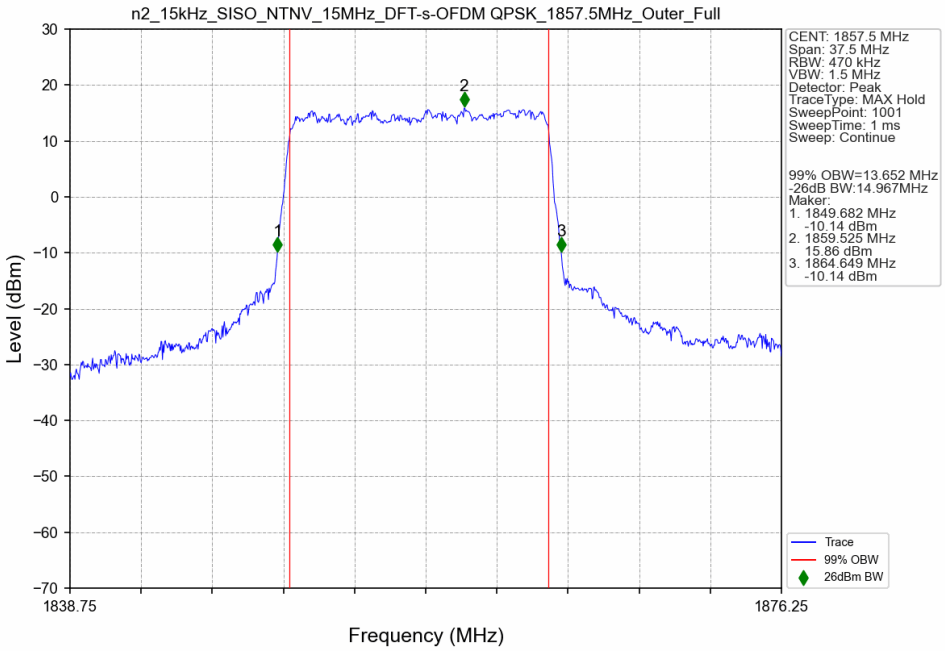
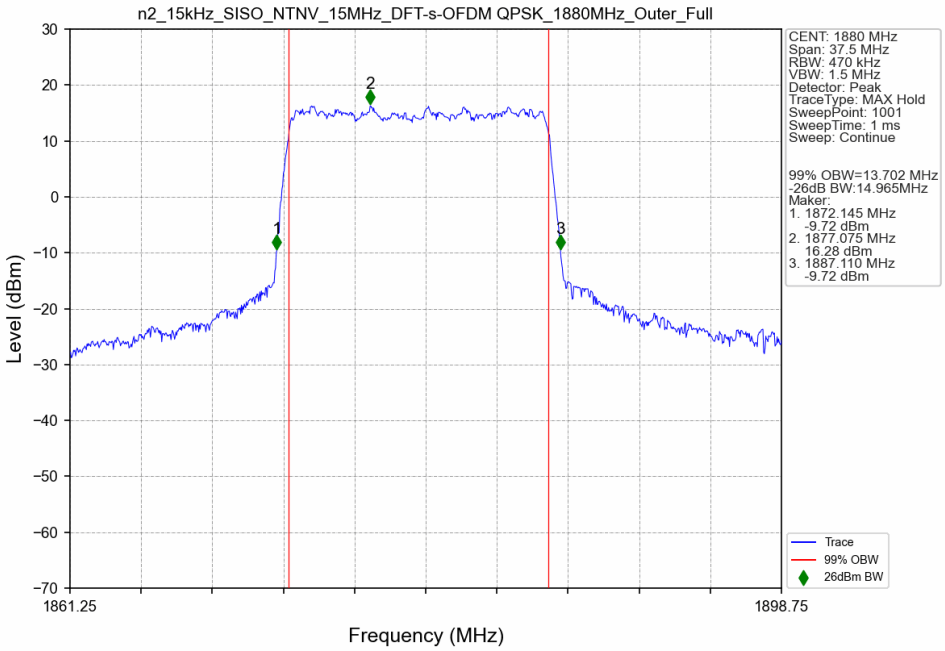


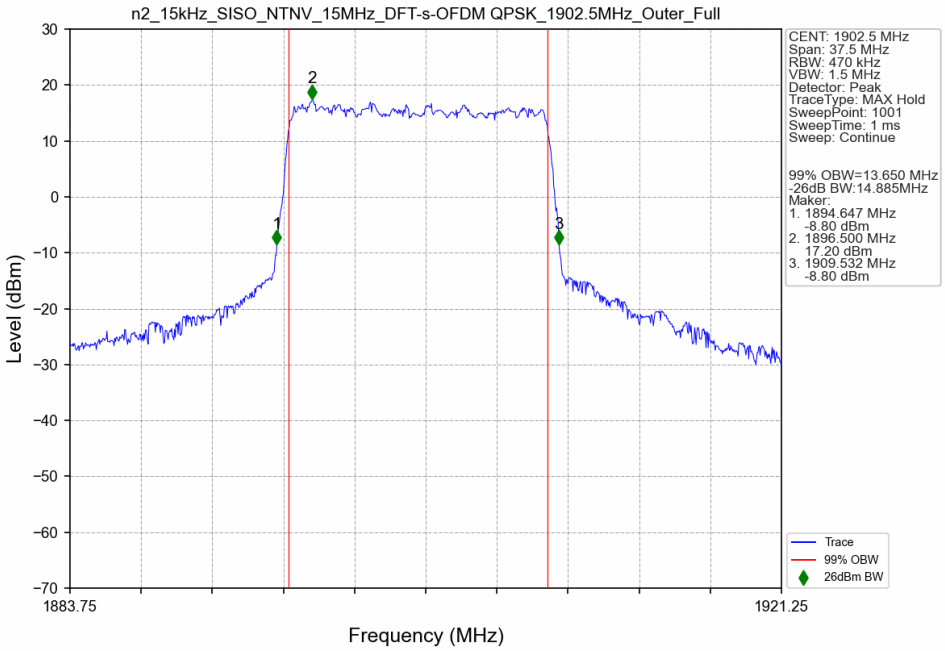
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Outer_Full_Ant2



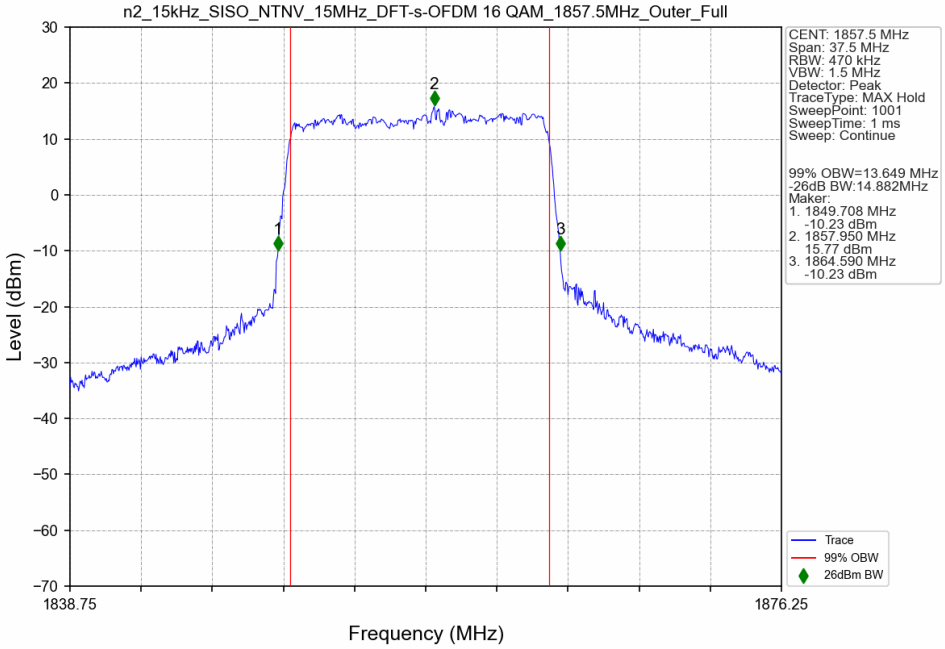
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full_Ant2



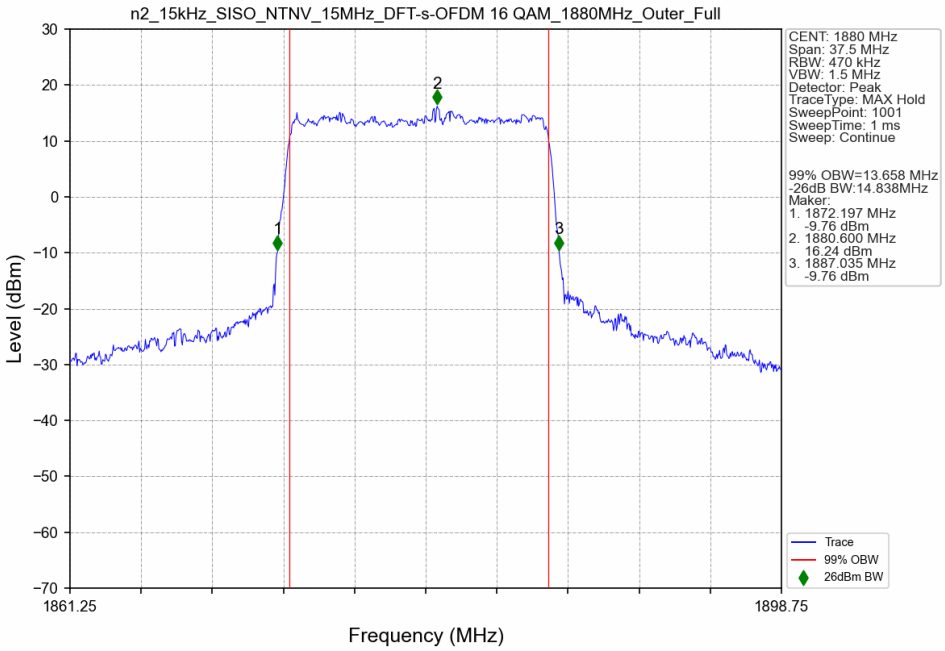
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1902.5MHz_Outer_Full_Ant2



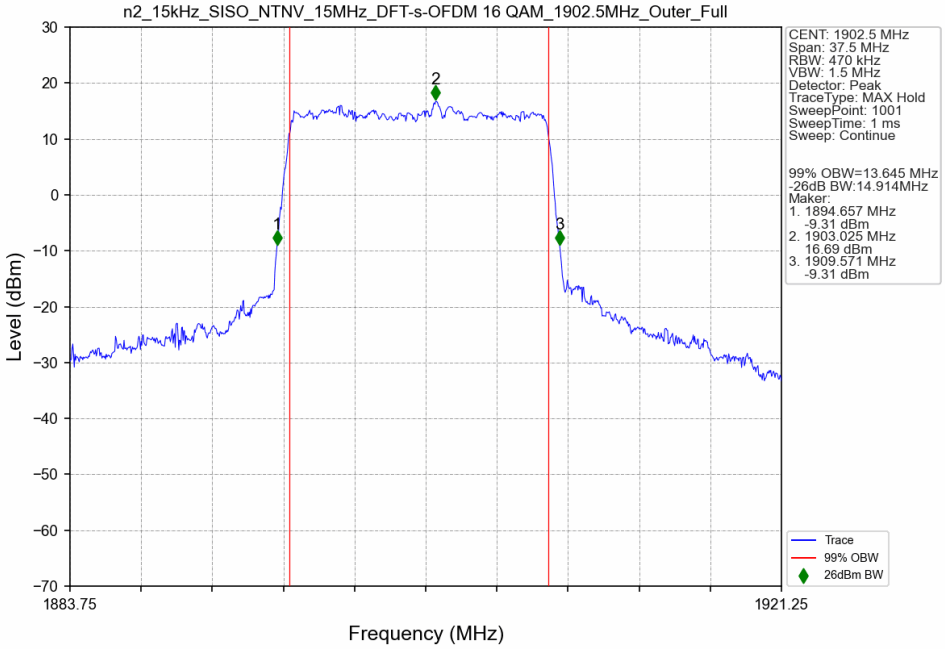
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1857.5MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1880MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1902.5MHz_Outer_Full_Ant2



n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1857.5MHz_Outer_Full_Ant2