

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 NTN										
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	23.99	/	/	23.49	/	/	<=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	23.96	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Right	23.91	/	/	23.41	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	23.92	/	/	23.42	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	23.45	/	/	<=33	Pass
		Outer_Full	23.94	/	/	23.44	/	/	<=33	Pass
		Inner_Full	23.95	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	23.43	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	23.72	/	/	23.22	/	/	<=33	Pass
		Edge_1RB_Right	23.65	/	/	23.15	/	/	<=33	Pass
		Outer_Full	23.80	/	/	23.30	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Left	23.71	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Right	23.74	/	/	23.24	/	/	<=33	Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	23.98	/	/	23.48	/	/	<=33	Pass
		Outer_Full	23.98	/	/	23.48	/	/	<=33	Pass
		Inner_Full	23.86	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Left	24.21	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	23.57	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	24.08	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	24.09	/	/	23.59	/	/	<=33	Pass
		Outer_Full	24.02	/	/	23.52	/	/	<=33	Pass
		Inner_Full	24.03	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	23.65	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	23.99	/	/	23.49	/	/	<=33	Pass
		Outer_Full	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_Full	24.06	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	24.04	/	/	23.54	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	23.04	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.63	/	/	<=33	Pass
		Outer_Full	22.97	/	/	22.47	/	/	<=33	Pass
		Inner_Full	23.81	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	23.62	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	23.21	/	/	22.71	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	22.66	/	/	<=33	Pass
		Outer_Full	23.02	/	/	22.52	/	/	<=33	Pass
		Inner_Full	23.88	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Right	24.23	/	/	23.73	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	23.05	/	/	22.55	/	/	<=33	Pass

		Edge 1RB Right	23.00	/	/	22.50	/	/	<=33	Pass
		Outer Full	23.03	/	/	22.53	/	/	<=33	Pass
		Inner Full	23.98	/	/	23.48	/	/	<=33	Pass
		Inner 1RB Left	23.88	/	/	23.38	/	/	<=33	Pass
		Inner 1RB Right	24.03	/	/	23.53	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge 1RB Left	22.60	/	/	22.10	/	/	<=33	Pass
		Edge 1RB Right	22.58	/	/	22.08	/	/	<=33	Pass
		Outer Full	22.50	/	/	22.00	/	/	<=33	Pass
		Inner Full	22.44	/	/	21.94	/	/	<=33	Pass
		Inner 1RB Left	22.56	/	/	22.06	/	/	<=33	Pass
		Inner 1RB Right	22.60	/	/	22.10	/	/	<=33	Pass
	1882.5	Edge 1RB Left	22.75	/	/	22.25	/	/	<=33	Pass
		Edge 1RB Right	22.74	/	/	22.24	/	/	<=33	Pass
		Outer Full	22.61	/	/	22.11	/	/	<=33	Pass
		Inner Full	22.58	/	/	22.08	/	/	<=33	Pass
		Inner 1RB Left	22.76	/	/	22.26	/	/	<=33	Pass
		Inner 1RB Right	22.71	/	/	22.21	/	/	<=33	Pass
	1912.5	Edge 1RB Left	22.40	/	/	21.90	/	/	<=33	Pass
		Edge 1RB Right	22.45	/	/	21.95	/	/	<=33	Pass
		Outer Full	22.55	/	/	22.05	/	/	<=33	Pass
		Inner Full	22.51	/	/	22.01	/	/	<=33	Pass
		Inner 1RB Left	22.56	/	/	22.06	/	/	<=33	Pass
		Inner 1RB Right	22.76	/	/	22.26	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge 1RB Left	20.23	/	/	19.73	/	/	<=33	Pass
		Edge 1RB Right	20.19	/	/	19.69	/	/	<=33	Pass
		Outer Full	20.34	/	/	19.84	/	/	<=33	Pass
		Inner Full	20.32	/	/	19.82	/	/	<=33	Pass
		Inner 1RB Left	20.19	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Right	20.19	/	/	19.69	/	/	<=33	Pass
	1882.5	Edge 1RB Left	20.31	/	/	19.81	/	/	<=33	Pass
		Edge 1RB Right	20.31	/	/	19.81	/	/	<=33	Pass
		Outer Full	20.48	/	/	19.98	/	/	<=33	Pass
		Inner Full	20.49	/	/	19.99	/	/	<=33	Pass
		Inner 1RB Left	20.38	/	/	19.88	/	/	<=33	Pass
		Inner 1RB Right	20.25	/	/	19.75	/	/	<=33	Pass
	1912.5	Edge 1RB Left	20.18	/	/	19.68	/	/	<=33	Pass
		Edge 1RB Right	20.58	/	/	20.08	/	/	<=33	Pass
		Outer Full	20.56	/	/	20.06	/	/	<=33	Pass
		Inner Full	20.56	/	/	20.06	/	/	<=33	Pass
		Inner 1RB Left	20.55	/	/	20.05	/	/	<=33	Pass
		Inner 1RB Right	20.78	/	/	20.28	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge 1RB Left	22.01	/	/	21.51	/	/	<=33	Pass
		Edge 1RB Right	21.98	/	/	21.48	/	/	<=33	Pass
		Outer Full	22.05	/	/	21.55	/	/	<=33	Pass
		Inner Full	23.49	/	/	22.99	/	/	<=33	Pass
		Inner 1RB Left	23.49	/	/	22.99	/	/	<=33	Pass
		Inner 1RB Right	23.64	/	/	23.14	/	/	<=33	Pass
	1882.5	Edge 1RB Left	22.13	/	/	21.63	/	/	<=33	Pass
		Edge 1RB Right	21.81	/	/	21.31	/	/	<=33	Pass
		Outer Full	22.03	/	/	21.53	/	/	<=33	Pass
		Inner Full	23.59	/	/	23.09	/	/	<=33	Pass
		Inner 1RB Left	23.13	/	/	22.63	/	/	<=33	Pass
		Inner 1RB Right	23.21	/	/	22.71	/	/	<=33	Pass
	1912.5	Edge 1RB Left	22.11	/	/	21.61	/	/	<=33	Pass
		Edge 1RB Right	22.11	/	/	21.61	/	/	<=33	Pass
		Outer Full	22.12	/	/	21.62	/	/	<=33	Pass
		Inner Full	23.46	/	/	22.96	/	/	<=33	Pass
		Inner 1RB Left	23.52	/	/	23.02	/	/	<=33	Pass
		Inner 1RB Right	23.61	/	/	23.11	/	/	<=33	Pass

CP-OFDM 16 QAM	1852.5	Edge_1RB_Left	21.87	/	/	21.37	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	21.35	/	/	<=33	Pass
		Outer_Full	21.92	/	/	21.42	/	/	<=33	Pass
		Inner_Full	22.90	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	22.44	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	22.05	/	/	21.55	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	21.50	/	/	<=33	Pass
		Outer_Full	22.05	/	/	21.55	/	/	<=33	Pass
		Inner_Full	23.06	/	/	22.56	/	/	<=33	Pass
		Inner_1RB_Left	23.00	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	22.65	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	22.03	/	/	21.53	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	21.50	/	/	<=33	Pass
		Outer_Full	22.01	/	/	21.51	/	/	<=33	Pass
		Inner_Full	23.11	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	23.09	/	/	22.59	/	/	<=33	Pass
CP-OFDM 64 QAM	1852.5	Edge_1RB_Left	21.42	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	21.43	/	/	20.93	/	/	<=33	Pass
		Outer_Full	21.50	/	/	21.00	/	/	<=33	Pass
		Inner_Full	21.46	/	/	20.96	/	/	<=33	Pass
		Inner_1RB_Left	21.47	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	21.50	/	/	21.00	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.70	/	/	21.20	/	/	<=33	Pass
		Edge_1RB_Right	21.67	/	/	21.17	/	/	<=33	Pass
		Outer_Full	21.69	/	/	21.19	/	/	<=33	Pass
		Inner_Full	21.53	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	21.20	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	21.64	/	/	21.14	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	21.09	/	/	<=33	Pass
		Outer_Full	21.67	/	/	21.17	/	/	<=33	Pass
		Inner_Full	21.54	/	/	21.04	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	21.08	/	/	<=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	18.38	/	/	17.88	/	/	<=33	Pass
		Inner_Full	18.40	/	/	17.90	/	/	<=33	Pass
		Inner_1RB_Left	18.18	/	/	17.68	/	/	<=33	Pass
		Inner_1RB_Right	18.23	/	/	17.73	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.31	/	/	17.81	/	/	<=33	Pass
		Edge_1RB_Right	18.23	/	/	17.73	/	/	<=33	Pass
		Outer_Full	18.55	/	/	18.05	/	/	<=33	Pass
		Inner_Full	18.54	/	/	18.04	/	/	<=33	Pass
		Inner_1RB_Left	18.29	/	/	17.79	/	/	<=33	Pass
		Inner_1RB_Right	18.28	/	/	17.78	/	/	<=33	Pass
	1912.5	Edge_1RB_Left	18.30	/	/	17.80	/	/	<=33	Pass
		Edge_1RB_Right	18.23	/	/	17.73	/	/	<=33	Pass
		Outer_Full	18.52	/	/	18.02	/	/	<=33	Pass
		Inner_Full	18.52	/	/	18.02	/	/	<=33	Pass
		Inner_1RB_Left	18.31	/	/	17.81	/	/	<=33	Pass
		Inner_1RB_Right	18.29	/	/	17.79	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 10MHz NTN										
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	23.91	/	/	23.41	/	/	<=33	Pass
		Edge_1RB_Right	23.82	/	/	23.32	/	/	<=33	Pass
		Outer_Full	23.99	/	/	23.49	/	/	<=33	Pass
		Inner_Full	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Right	23.83	/	/	23.33	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	23.75	/	/	23.25	/	/	<=33	Pass
		Edge_1RB_Right	23.81	/	/	23.31	/	/	<=33	Pass
		Outer_Full	23.90	/	/	23.40	/	/	<=33	Pass
		Inner_Full	23.91	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Right	23.84	/	/	23.34	/	/	<=33	Pass
	1910	Edge_1RB_Left	23.80	/	/	23.30	/	/	<=33	Pass
		Edge_1RB_Right	23.74	/	/	23.24	/	/	<=33	Pass
		Outer_Full	23.89	/	/	23.39	/	/	<=33	Pass
		Inner_Full	23.87	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	23.76	/	/	23.26	/	/	<=33	Pass
DFT-s-OFDM QPSK	1855	Edge_1RB_Left	24.22	/	/	23.72	/	/	<=33	Pass
		Edge_1RB_Right	24.09	/	/	23.59	/	/	<=33	Pass
		Outer_Full	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_Full	24.21	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	24.27	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	23.71	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	24.15	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	24.14	/	/	23.64	/	/	<=33	Pass
		Outer_Full	24.15	/	/	23.65	/	/	<=33	Pass
		Inner_Full	24.12	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Left	24.21	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	24.30	/	/	23.80	/	/	<=33	Pass
	1910	Edge_1RB_Left	21.78	/	/	21.28	/	/	<=33	Pass
		Edge_1RB_Right	21.24	/	/	20.74	/	/	<=33	Pass
		Outer_Full	21.32	/	/	20.82	/	/	<=33	Pass
		Inner_Full	21.24	/	/	20.74	/	/	<=33	Pass
		Inner_1RB_Left	21.37	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Right	21.21	/	/	20.71	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	23.22	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	22.76	/	/	<=33	Pass
		Outer_Full	23.17	/	/	22.67	/	/	<=33	Pass
		Inner_Full	24.17	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Right	24.20	/	/	23.70	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	23.14	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	22.66	/	/	<=33	Pass
		Outer_Full	23.09	/	/	22.59	/	/	<=33	Pass
		Inner_Full	24.15	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.18	/	/	23.68	/	/	<=33	Pass
	1910	Edge_1RB_Left	20.25	/	/	19.75	/	/	<=33	Pass
		Edge_1RB_Right	20.18	/	/	19.68	/	/	<=33	Pass
		Outer_Full	20.22	/	/	19.72	/	/	<=33	Pass
		Inner_Full	21.26	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Left	21.47	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	21.16	/	/	20.66	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	22.72	/	/	22.22	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.20	/	/	<=33	Pass

		Outer_Full	22.70	/	/	22.20	/	/	<=33	Pass
		Inner_Full	22.81	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Left	22.69	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Right	22.71	/	/	22.21	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	22.67	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.19	/	/	<=33	Pass
		Outer_Full	22.67	/	/	22.17	/	/	<=33	Pass
		Inner_Full	22.76	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Left	22.90	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Right	22.71	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Left	19.75	/	/	19.25	/	/	<=33	Pass
		Edge_1RB_Right	19.79	/	/	19.29	/	/	<=33	Pass
	1910	Outer_Full	19.84	/	/	19.34	/	/	<=33	Pass
		Inner_Full	19.92	/	/	19.42	/	/	<=33	Pass
		Inner_1RB_Left	20.36	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Right	19.88	/	/	19.38	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	20.32	/	/	19.82	/	/	<=33	Pass
		Edge_1RB_Right	20.26	/	/	19.76	/	/	<=33	Pass
		Outer_Full	20.69	/	/	20.19	/	/	<=33	Pass
		Inner_Full	20.63	/	/	20.13	/	/	<=33	Pass
		Inner_1RB_Left	20.29	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	19.79	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.32	/	/	19.82	/	/	<=33	Pass
		Edge_1RB_Right	20.26	/	/	19.76	/	/	<=33	Pass
		Outer_Full	20.59	/	/	20.09	/	/	<=33	Pass
		Inner_Full	20.54	/	/	20.04	/	/	<=33	Pass
		Inner_1RB_Left	20.31	/	/	19.81	/	/	<=33	Pass
		Inner_1RB_Right	20.27	/	/	19.77	/	/	<=33	Pass
	1910	Edge_1RB_Left	17.59	/	/	17.09	/	/	<=33	Pass
		Edge_1RB_Right	17.31	/	/	16.81	/	/	<=33	Pass
		Outer_Full	17.70	/	/	17.20	/	/	<=33	Pass
		Inner_Full	17.74	/	/	17.24	/	/	<=33	Pass
		Inner_1RB_Left	17.64	/	/	17.14	/	/	<=33	Pass
		Inner_1RB_Right	17.42	/	/	16.92	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge_1RB_Left	22.30	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.12	/	/	21.62	/	/	<=33	Pass
		Outer_Full	22.17	/	/	21.67	/	/	<=33	Pass
		Inner_Full	23.57	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	23.18	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	23.06	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.43	/	/	19.93	/	/	<=33	Pass
		Edge_1RB_Right	20.11	/	/	19.61	/	/	<=33	Pass
		Outer_Full	22.09	/	/	21.59	/	/	<=33	Pass
		Inner_Full	21.83	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Left	21.91	/	/	21.41	/	/	<=33	Pass
		Inner_1RB_Right	21.57	/	/	21.07	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.44	/	/	18.94	/	/	<=33	Pass
		Edge_1RB_Right	19.29	/	/	18.79	/	/	<=33	Pass
		Outer_Full	19.33	/	/	18.83	/	/	<=33	Pass
		Inner_Full	20.82	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Left	20.85	/	/	20.35	/	/	<=33	Pass
		Inner_1RB_Right	20.53	/	/	20.03	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	22.17	/	/	21.67	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	21.60	/	/	<=33	Pass
		Outer_Full	22.11	/	/	21.61	/	/	<=33	Pass
		Inner_Full	23.13	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Left	23.31	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Right	23.23	/	/	22.73	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.36	/	/	19.86	/	/	<=33	Pass

		Edge_1RB_Right	20.06	/	/	19.56	/	/	<=33	Pass
		Outer_Full	20.40	/	/	19.90	/	/	<=33	Pass
		Inner_Full	21.36	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Left	21.37	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	20.60	/	/	<=33	Pass
	1910	Edge_1RB_Left	19.50	/	/	19.00	/	/	<=33	Pass
		Edge_1RB_Right	19.15	/	/	18.65	/	/	<=33	Pass
		Outer_Full	19.79	/	/	19.29	/	/	<=33	Pass
		Inner_Full	20.39	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Left	20.29	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Right	20.05	/	/	19.55	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	21.71	/	/	21.21	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	21.11	/	/	<=33	Pass
		Outer_Full	21.56	/	/	21.06	/	/	<=33	Pass
		Inner_Full	21.75	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Right	21.62	/	/	21.12	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.05	/	/	19.55	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	19.24	/	/	<=33	Pass
		Outer_Full	19.83	/	/	19.33	/	/	<=33	Pass
		Inner_Full	19.90	/	/	19.40	/	/	<=33	Pass
		Inner_1RB_Left	20.04	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	19.71	/	/	19.21	/	/	<=33	Pass
	1910	Edge_1RB_Left	18.83	/	/	18.33	/	/	<=33	Pass
		Edge_1RB_Right	18.56	/	/	18.06	/	/	<=33	Pass
		Outer_Full	18.75	/	/	18.25	/	/	<=33	Pass
Inner_Full		18.86	/	/	18.36	/	/	<=33	Pass	
Inner_1RB_Left		18.87	/	/	18.37	/	/	<=33	Pass	
Inner_1RB_Right		18.55	/	/	18.05	/	/	<=33	Pass	
CP-OFDM 256 QAM	1855	Edge_1RB_Left	18.18	/	/	17.68	/	/	<=33	Pass
		Edge_1RB_Right	18.18	/	/	17.68	/	/	<=33	Pass
		Outer_Full	18.76	/	/	18.26	/	/	<=33	Pass
		Inner_Full	18.65	/	/	18.15	/	/	<=33	Pass
		Inner_1RB_Left	18.25	/	/	17.75	/	/	<=33	Pass
		Inner_1RB_Right	18.21	/	/	17.71	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.57	/	/	16.07	/	/	<=33	Pass
		Edge_1RB_Right	16.31	/	/	15.81	/	/	<=33	Pass
		Outer_Full	16.85	/	/	16.35	/	/	<=33	Pass
		Inner_Full	16.72	/	/	16.22	/	/	<=33	Pass
		Inner_1RB_Left	16.59	/	/	16.09	/	/	<=33	Pass
		Inner_1RB_Right	16.32	/	/	15.82	/	/	<=33	Pass
	1910	Edge_1RB_Left	15.70	/	/	15.20	/	/	<=33	Pass
		Edge_1RB_Right	15.28	/	/	14.78	/	/	<=33	Pass
		Outer_Full	15.77	/	/	15.27	/	/	<=33	Pass
Inner_Full		15.63	/	/	15.13	/	/	<=33	Pass	
Inner_1RB_Left		15.50	/	/	15.00	/	/	<=33	Pass	
		Inner_1RB_Right	15.27	/	/	14.77	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; 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
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Edge_1RB_Left	24.10	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	23.53	/	/	<=33	Pass
		Outer_Full	24.16	/	/	23.66	/	/	<=33	Pass

		Inner Full	24.19	/	/	23.69	/	/	<=33	Pass
		Inner 1RB Left	24.07	/	/	23.57	/	/	<=33	Pass
		Inner 1RB Right	24.01	/	/	23.51	/	/	<=33	Pass
	1882.5	Edge 1RB Left	24.07	/	/	23.57	/	/	<=33	Pass
		Edge 1RB Right	24.00	/	/	23.50	/	/	<=33	Pass
		Outer Full	24.10	/	/	23.60	/	/	<=33	Pass
		Inner Full	24.11	/	/	23.61	/	/	<=33	Pass
		Inner 1RB Left	24.03	/	/	23.53	/	/	<=33	Pass
		Inner 1RB Right	24.03	/	/	23.53	/	/	<=33	Pass
	1907.5	Edge 1RB Left	24.02	/	/	23.52	/	/	<=33	Pass
		Edge 1RB Right	23.86	/	/	23.36	/	/	<=33	Pass
		Outer Full	24.02	/	/	23.52	/	/	<=33	Pass
		Inner Full	23.99	/	/	23.49	/	/	<=33	Pass
		Inner 1RB Left	24.01	/	/	23.51	/	/	<=33	Pass
		Inner 1RB Right	23.88	/	/	23.38	/	/	<=33	Pass
DFT-s-OFDM QPSK	1857.5	Edge 1RB Left	22.89	/	/	22.39	/	/	<=33	Pass
		Edge 1RB Right	22.66	/	/	22.16	/	/	<=33	Pass
		Outer Full	22.74	/	/	22.24	/	/	<=33	Pass
		Inner Full	22.70	/	/	22.20	/	/	<=33	Pass
		Inner 1RB Left	22.80	/	/	22.30	/	/	<=33	Pass
		Inner 1RB Right	22.73	/	/	22.23	/	/	<=33	Pass
	1882.5	Edge 1RB Left	22.76	/	/	22.26	/	/	<=33	Pass
		Edge 1RB Right	22.27	/	/	21.77	/	/	<=33	Pass
		Outer Full	22.43	/	/	21.93	/	/	<=33	Pass
		Inner Full	22.45	/	/	21.95	/	/	<=33	Pass
		Inner 1RB Left	22.74	/	/	22.24	/	/	<=33	Pass
		Inner 1RB Right	22.33	/	/	21.83	/	/	<=33	Pass
	1907.5	Edge 1RB Left	21.77	/	/	21.27	/	/	<=33	Pass
		Edge 1RB Right	21.27	/	/	20.77	/	/	<=33	Pass
		Outer Full	21.51	/	/	21.01	/	/	<=33	Pass
		Inner Full	21.29	/	/	20.79	/	/	<=33	Pass
		Inner 1RB Left	21.72	/	/	21.22	/	/	<=33	Pass
		Inner 1RB Right	21.28	/	/	20.78	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge 1RB Left	21.95	/	/	21.45	/	/	<=33	Pass
		Edge 1RB Right	21.74	/	/	21.24	/	/	<=33	Pass
		Outer Full	21.75	/	/	21.25	/	/	<=33	Pass
		Inner Full	22.68	/	/	22.18	/	/	<=33	Pass
		Inner 1RB Left	22.83	/	/	22.33	/	/	<=33	Pass
		Inner 1RB Right	22.68	/	/	22.18	/	/	<=33	Pass
	1882.5	Edge 1RB Left	21.69	/	/	21.19	/	/	<=33	Pass
		Edge 1RB Right	21.32	/	/	20.82	/	/	<=33	Pass
		Outer Full	21.41	/	/	20.91	/	/	<=33	Pass
		Inner Full	22.49	/	/	21.99	/	/	<=33	Pass
		Inner 1RB Left	22.74	/	/	22.24	/	/	<=33	Pass
		Inner 1RB Right	22.28	/	/	21.78	/	/	<=33	Pass
	1907.5	Edge 1RB Left	20.79	/	/	20.29	/	/	<=33	Pass
		Edge 1RB Right	20.30	/	/	19.80	/	/	<=33	Pass
		Outer Full	20.36	/	/	19.86	/	/	<=33	Pass
		Inner Full	21.28	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Left	21.70	/	/	21.20	/	/	<=33	Pass
		Inner 1RB Right	21.19	/	/	20.69	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge 1RB Left	21.44	/	/	20.94	/	/	<=33	Pass
		Edge 1RB Right	21.33	/	/	20.83	/	/	<=33	Pass
		Outer Full	21.27	/	/	20.77	/	/	<=33	Pass
		Inner Full	21.26	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Left	21.45	/	/	20.95	/	/	<=33	Pass
		Inner 1RB Right	21.37	/	/	20.87	/	/	<=33	Pass
	1882.5	Edge 1RB Left	21.24	/	/	20.74	/	/	<=33	Pass
		Edge 1RB Right	20.79	/	/	20.29	/	/	<=33	Pass

		Outer_Full	20.94	/	/	20.44	/	/	<=33	Pass
		Inner_Full	21.00	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Left	21.25	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Right	20.78	/	/	20.28	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	20.21	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	19.24	/	/	<=33	Pass
		Outer_Full	19.90	/	/	19.40	/	/	<=33	Pass
		Inner_Full	19.82	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Right	19.74	/	/	19.24	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge_1RB_Left	18.98	/	/	18.48	/	/	<=33	Pass
		Edge_1RB_Right	18.84	/	/	18.34	/	/	<=33	Pass
		Outer_Full	19.22	/	/	18.72	/	/	<=33	Pass
		Inner_Full	19.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	18.63	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	18.39	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.82	/	/	18.32	/	/	<=33	Pass
		Edge_1RB_Right	18.45	/	/	17.95	/	/	<=33	Pass
		Outer_Full	18.90	/	/	18.40	/	/	<=33	Pass
		Inner_Full	18.87	/	/	18.37	/	/	<=33	Pass
		Inner_1RB_Left	18.86	/	/	18.36	/	/	<=33	Pass
		Inner_1RB_Right	18.44	/	/	17.94	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	17.85	/	/	17.35	/	/	<=33	Pass
		Edge_1RB_Right	17.32	/	/	16.82	/	/	<=33	Pass
		Outer_Full	17.82	/	/	17.32	/	/	<=33	Pass
		Inner_Full	17.81	/	/	17.31	/	/	<=33	Pass
		Inner_1RB_Left	17.87	/	/	17.37	/	/	<=33	Pass
		Inner_1RB_Right	17.34	/	/	16.84	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	20.67	/	/	20.17	/	/	<=33	Pass
		Edge_1RB_Right	20.60	/	/	20.10	/	/	<=33	Pass
		Outer_Full	20.68	/	/	20.18	/	/	<=33	Pass
		Inner_Full	22.24	/	/	21.74	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Right	22.17	/	/	21.67	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.64	/	/	20.14	/	/	<=33	Pass
		Edge_1RB_Right	20.31	/	/	19.81	/	/	<=33	Pass
		Outer_Full	20.44	/	/	19.94	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Left	22.08	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	21.20	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.65	/	/	19.15	/	/	<=33	Pass
		Edge_1RB_Right	19.23	/	/	18.73	/	/	<=33	Pass
		Outer_Full	19.38	/	/	18.88	/	/	<=33	Pass
		Inner_Full	20.86	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Left	21.13	/	/	20.63	/	/	<=33	Pass
		Inner_1RB_Right	20.64	/	/	20.14	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Left	20.83	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	20.18	/	/	<=33	Pass
		Outer_Full	20.68	/	/	20.18	/	/	<=33	Pass
		Inner_Full	21.66	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	21.87	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	21.18	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.73	/	/	20.23	/	/	<=33	Pass
		Edge_1RB_Right	20.24	/	/	19.74	/	/	<=33	Pass
		Outer_Full	20.43	/	/	19.93	/	/	<=33	Pass
		Inner_Full	21.41	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Right	21.23	/	/	20.73	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.62	/	/	19.12	/	/	<=33	Pass

		Edge_1RB_Right	19.10	/	/	18.60	/	/	<=33	Pass
		Outer_Full	19.30	/	/	18.80	/	/	<=33	Pass
		Inner_Full	20.11	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Left	20.63	/	/	20.13	/	/	<=33	Pass
		Inner_1RB_Right	20.06	/	/	19.56	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	20.33	/	/	19.83	/	/	<=33	Pass
		Edge_1RB_Right	20.19	/	/	19.69	/	/	<=33	Pass
		Outer_Full	20.26	/	/	19.76	/	/	<=33	Pass
		Inner_Full	20.23	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	20.45	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Right	20.23	/	/	19.73	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.10	/	/	19.60	/	/	<=33	Pass
		Edge_1RB_Right	19.62	/	/	19.12	/	/	<=33	Pass
		Outer_Full	19.92	/	/	19.42	/	/	<=33	Pass
		Inner_Full	19.94	/	/	19.44	/	/	<=33	Pass
		Inner_1RB_Left	20.07	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Right	19.74	/	/	19.24	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.23	/	/	18.73	/	/	<=33	Pass
		Edge_1RB_Right	18.62	/	/	18.12	/	/	<=33	Pass
		Outer_Full	18.81	/	/	18.31	/	/	<=33	Pass
		Inner_Full	18.86	/	/	18.36	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	18.73	/	/	<=33	Pass
		Inner_1RB_Right	18.61	/	/	18.11	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	17.08	/	/	16.58	/	/	<=33	Pass
		Edge_1RB_Right	16.93	/	/	16.43	/	/	<=33	Pass
		Outer_Full	17.24	/	/	16.74	/	/	<=33	Pass
		Inner_Full	17.17	/	/	16.67	/	/	<=33	Pass
		Inner_1RB_Left	17.10	/	/	16.60	/	/	<=33	Pass
		Inner_1RB_Right	16.86	/	/	16.36	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.89	/	/	16.39	/	/	<=33	Pass
		Edge_1RB_Right	16.47	/	/	15.97	/	/	<=33	Pass
		Outer_Full	16.92	/	/	16.42	/	/	<=33	Pass
		Inner_Full	16.89	/	/	16.39	/	/	<=33	Pass
		Inner_1RB_Left	16.84	/	/	16.34	/	/	<=33	Pass
		Inner_1RB_Right	16.46	/	/	15.96	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	15.96	/	/	15.46	/	/	<=33	Pass
		Edge_1RB_Right	15.34	/	/	14.84	/	/	<=33	Pass
		Outer_Full	15.81	/	/	15.31	/	/	<=33	Pass
		Inner_Full	15.75	/	/	15.25	/	/	<=33	Pass
		Inner_1RB_Left	15.88	/	/	15.38	/	/	<=33	Pass
		Inner_1RB_Right	15.23	/	/	14.73	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 20MHz NTN										
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	24.01	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	23.91	/	/	23.41	/	/	<=33	Pass
		Outer_Full	24.09	/	/	23.59	/	/	<=33	Pass
		Inner_Full	24.10	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	23.98	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Right	23.90	/	/	23.40	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	23.85	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	23.94	/	/	23.44	/	/	<=33	Pass
		Outer_Full	24.02	/	/	23.52	/	/	<=33	Pass

		Inner_Full	24.08	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Right	23.94	/	/	23.44	/	/	<=33	Pass
	1905	Edge_1RB_Left	23.94	/	/	23.44	/	/	<=33	Pass
		Edge_1RB_Right	23.86	/	/	23.36	/	/	<=33	Pass
		Outer_Full	23.98	/	/	23.48	/	/	<=33	Pass
		Inner_Full	24.02	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	23.87	/	/	23.37	/	/	<=33	Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	22.81	/	/	22.31	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.97	/	/	<=33	Pass
		Outer_Full	22.55	/	/	22.05	/	/	<=33	Pass
		Inner_Full	22.54	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	22.61	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	21.95	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	22.58	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	21.41	/	/	<=33	Pass
		Outer_Full	22.24	/	/	21.74	/	/	<=33	Pass
		Inner_Full	22.22	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Left	22.52	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Right	21.94	/	/	21.44	/	/	<=33	Pass
	1905	Edge_1RB_Left	21.90	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	21.01	/	/	20.51	/	/	<=33	Pass
		Outer_Full	21.48	/	/	20.98	/	/	<=33	Pass
		Inner_Full	21.42	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Left	21.79	/	/	21.29	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	20.57	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	21.76	/	/	21.26	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	21.11	/	/	<=33	Pass
		Outer_Full	21.55	/	/	21.05	/	/	<=33	Pass
		Inner_Full	22.51	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	21.95	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.52	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	20.98	/	/	20.48	/	/	<=33	Pass
		Outer_Full	21.22	/	/	20.72	/	/	<=33	Pass
		Inner_Full	22.25	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Left	22.50	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.92	/	/	21.42	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.98	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	20.14	/	/	19.64	/	/	<=33	Pass
		Outer_Full	20.51	/	/	20.01	/	/	<=33	Pass
		Inner_Full	21.45	/	/	20.95	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Right	21.19	/	/	20.69	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	21.22	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	20.96	/	/	20.46	/	/	<=33	Pass
		Outer_Full	21.01	/	/	20.51	/	/	<=33	Pass
		Inner_Full	21.07	/	/	20.57	/	/	<=33	Pass
		Inner_1RB_Left	21.15	/	/	20.65	/	/	<=33	Pass
		Inner_1RB_Right	20.96	/	/	20.46	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.09	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	20.57	/	/	20.07	/	/	<=33	Pass
		Outer_Full	20.71	/	/	20.21	/	/	<=33	Pass
		Inner_Full	20.79	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Right	20.61	/	/	20.11	/	/	<=33	Pass
	1905	Edge_1RB_Left	20.36	/	/	19.86	/	/	<=33	Pass
		Edge_1RB_Right	19.70	/	/	19.20	/	/	<=33	Pass

		Outer_Full	19.93	/	/	19.43	/	/	<=33	Pass
		Inner_Full	20.00	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	20.53	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Right	19.72	/	/	19.22	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	18.83	/	/	18.33	/	/	<=33	Pass
		Edge_1RB_Right	18.59	/	/	18.09	/	/	<=33	Pass
		Outer_Full	19.04	/	/	18.54	/	/	<=33	Pass
		Inner_Full	18.96	/	/	18.46	/	/	<=33	Pass
		Inner_1RB_Left	18.85	/	/	18.35	/	/	<=33	Pass
		Inner_1RB_Right	18.61	/	/	18.11	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.70	/	/	18.20	/	/	<=33	Pass
		Edge_1RB_Right	18.07	/	/	17.57	/	/	<=33	Pass
		Outer_Full	18.70	/	/	18.20	/	/	<=33	Pass
		Inner_Full	18.69	/	/	18.19	/	/	<=33	Pass
		Inner_1RB_Left	18.62	/	/	18.12	/	/	<=33	Pass
		Inner_1RB_Right	18.17	/	/	17.67	/	/	<=33	Pass
	1905	Edge_1RB_Left	18.06	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Right	17.25	/	/	16.75	/	/	<=33	Pass
		Outer_Full	17.94	/	/	17.44	/	/	<=33	Pass
		Inner_Full	17.91	/	/	17.41	/	/	<=33	Pass
		Inner_1RB_Left	18.09	/	/	17.59	/	/	<=33	Pass
		Inner_1RB_Right	17.34	/	/	16.84	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	20.77	/	/	20.27	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	19.91	/	/	<=33	Pass
		Outer_Full	20.62	/	/	20.12	/	/	<=33	Pass
		Inner_Full	21.98	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Left	22.13	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	21.80	/	/	21.30	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.48	/	/	19.98	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	19.41	/	/	<=33	Pass
		Outer_Full	20.21	/	/	19.71	/	/	<=33	Pass
		Inner_Full	21.69	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Left	21.87	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Right	21.34	/	/	20.84	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.89	/	/	19.39	/	/	<=33	Pass
		Edge_1RB_Right	19.09	/	/	18.59	/	/	<=33	Pass
		Outer_Full	19.44	/	/	18.94	/	/	<=33	Pass
		Inner_Full	20.91	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Left	21.27	/	/	20.77	/	/	<=33	Pass
		Inner_1RB_Right	20.50	/	/	20.00	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	20.58	/	/	20.08	/	/	<=33	Pass
		Edge_1RB_Right	20.25	/	/	19.75	/	/	<=33	Pass
		Outer_Full	20.54	/	/	20.04	/	/	<=33	Pass
		Inner_Full	21.59	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Right	21.45	/	/	20.95	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.36	/	/	19.86	/	/	<=33	Pass
		Edge_1RB_Right	19.84	/	/	19.34	/	/	<=33	Pass
		Outer_Full	20.19	/	/	19.69	/	/	<=33	Pass
		Inner_Full	21.28	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Left	21.38	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	20.40	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.73	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	18.97	/	/	18.47	/	/	<=33	Pass
		Outer_Full	19.47	/	/	18.97	/	/	<=33	Pass
		Inner_Full	20.45	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Left	20.77	/	/	20.27	/	/	<=33	Pass
		Inner_1RB_Right	19.99	/	/	19.49	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	20.15	/	/	19.65	/	/	<=33	Pass

		Edge_1RB_Right	19.95	/	/	19.45	/	/	<=33	Pass
		Outer_Full	20.06	/	/	19.56	/	/	<=33	Pass
		Inner_Full	20.03	/	/	19.53	/	/	<=33	Pass
		Inner_1RB_Left	20.15	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Right	19.91	/	/	19.41	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.04	/	/	19.54	/	/	<=33	Pass
		Edge_1RB_Right	19.54	/	/	19.04	/	/	<=33	Pass
		Outer_Full	19.70	/	/	19.20	/	/	<=33	Pass
		Inner_Full	19.75	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Left	19.98	/	/	19.48	/	/	<=33	Pass
	1905	Inner_1RB_Right	19.54	/	/	19.04	/	/	<=33	Pass
		Edge_1RB_Left	19.37	/	/	18.87	/	/	<=33	Pass
		Edge_1RB_Right	18.68	/	/	18.18	/	/	<=33	Pass
		Outer_Full	19.01	/	/	18.51	/	/	<=33	Pass
		Inner_Full	18.88	/	/	18.38	/	/	<=33	Pass
CP-OFDM 256 QAM		Inner_1RB_Left	19.38	/	/	18.88	/	/	<=33	Pass
		Inner_1RB_Right	18.68	/	/	18.18	/	/	<=33	Pass
		Edge_1RB_Left	16.73	/	/	16.23	/	/	<=33	Pass
		Edge_1RB_Right	16.51	/	/	16.01	/	/	<=33	Pass
		Outer_Full	16.98	/	/	16.48	/	/	<=33	Pass
	1860	Inner_Full	16.90	/	/	16.40	/	/	<=33	Pass
		Inner_1RB_Left	16.91	/	/	16.41	/	/	<=33	Pass
		Inner_1RB_Right	16.50	/	/	16.00	/	/	<=33	Pass
		Edge_1RB_Left	16.67	/	/	16.17	/	/	<=33	Pass
		Edge_1RB_Right	16.09	/	/	15.59	/	/	<=33	Pass
	1882.5	Outer_Full	16.73	/	/	16.23	/	/	<=33	Pass
		Inner_Full	16.70	/	/	16.20	/	/	<=33	Pass
		Inner_1RB_Left	16.55	/	/	16.05	/	/	<=33	Pass
		Inner_1RB_Right	15.98	/	/	15.48	/	/	<=33	Pass
		Edge_1RB_Left	15.97	/	/	15.47	/	/	<=33	Pass
1905	Edge_1RB_Right	15.19	/	/	14.69	/	/	<=33	Pass	
	Outer_Full	15.98	/	/	15.48	/	/	<=33	Pass	
	Inner_Full	15.85	/	/	15.35	/	/	<=33	Pass	
	Inner_1RB_Left	16.04	/	/	15.54	/	/	<=33	Pass	
	Inner_1RB_Right	15.23	/	/	14.73	/	/	<=33	Pass	
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 25MHz 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	1862.5	Edge 1RB Left	24.01	/	/	23.51	/	/	<=33	Pass
		Edge 1RB Right	23.89	/	/	23.39	/	/	<=33	Pass
		Outer Full	24.06	/	/	23.56	/	/	<=33	Pass
		Inner Full	24.03	/	/	23.53	/	/	<=33	Pass
		Inner 1RB Left	23.97	/	/	23.47	/	/	<=33	Pass
	1882.5	Inner 1RB Right	23.87	/	/	23.37	/	/	<=33	Pass
		Edge 1RB Left	23.86	/	/	23.36	/	/	<=33	Pass
		Edge 1RB Right	23.94	/	/	23.44	/	/	<=33	Pass
		Outer Full	24.02	/	/	23.52	/	/	<=33	Pass
		Inner Full	24.09	/	/	23.59	/	/	<=33	Pass
	1902.5	Inner 1RB Left	23.87	/	/	23.37	/	/	<=33	Pass
		Inner 1RB Right	23.98	/	/	23.48	/	/	<=33	Pass
		Edge 1RB Left	23.98	/	/	23.48	/	/	<=33	Pass
		Edge 1RB Right	23.91	/	/	23.41	/	/	<=33	Pass
		Outer Full	23.94	/	/	23.44	/	/	<=33	Pass

		Inner_Full	24.01	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Right	23.83	/	/	23.33	/	/	<=33	Pass
DFT-s-OFDM QPSK	1862.5	Edge_1RB_Left	22.79	/	/	22.29	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	21.98	/	/	<=33	Pass
		Outer_Full	22.47	/	/	21.97	/	/	<=33	Pass
		Inner_Full	22.44	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Left	22.55	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	21.43	/	/	<=33	Pass
	1882.5	Outer_Full	22.20	/	/	21.70	/	/	<=33	Pass
		Inner_Full	22.24	/	/	21.74	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Right	21.96	/	/	21.46	/	/	<=33	Pass
		Edge_1RB_Left	22.12	/	/	21.62	/	/	<=33	Pass
		Edge_1RB_Right	21.19	/	/	20.69	/	/	<=33	Pass
	1902.5	Outer_Full	21.60	/	/	21.10	/	/	<=33	Pass
		Inner_Full	21.47	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Left	22.01	/	/	21.51	/	/	<=33	Pass
		Inner_1RB_Right	21.24	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Left	21.81	/	/	21.31	/	/	<=33	Pass
		Edge_1RB_Right	21.52	/	/	21.02	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1862.5	Outer_Full	21.45	/	/	20.95	/	/	<=33	Pass
		Inner_Full	22.43	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Left	22.61	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	21.97	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	21.37	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	20.43	/	/	<=33	Pass
		Outer_Full	21.17	/	/	20.67	/	/	<=33	Pass
		Inner_Full	22.16	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Left	22.38	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Right	22.00	/	/	21.50	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	21.03	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	20.21	/	/	19.71	/	/	<=33	Pass
		Outer_Full	20.56	/	/	20.06	/	/	<=33	Pass
		Inner_Full	21.51	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	22.08	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	20.55	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1862.5	Edge_1RB_Left	21.60	/	/	21.10	/	/	<=33	Pass
		Edge_1RB_Right	21.06	/	/	20.56	/	/	<=33	Pass
		Outer_Full	20.99	/	/	20.49	/	/	<=33	Pass
		Inner_Full	21.01	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Left	21.15	/	/	20.65	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	20.57	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.86	/	/	20.36	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	19.99	/	/	<=33	Pass
		Outer_Full	20.73	/	/	20.23	/	/	<=33	Pass
		Inner_Full	20.75	/	/	20.25	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	20.47	/	/	<=33	Pass
		Inner_1RB_Right	20.44	/	/	19.94	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	20.69	/	/	20.19	/	/	<=33	Pass
		Edge_1RB_Right	19.82	/	/	19.32	/	/	<=33	Pass
		Outer_Full	20.07	/	/	19.57	/	/	<=33	Pass
		Inner_Full	20.01	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Left	20.56	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Right	19.84	/	/	19.34	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1862.5	Edge_1RB_Left	18.84	/	/	18.34	/	/	<=33	Pass
		Edge_1RB_Right	18.65	/	/	18.15	/	/	<=33	Pass

		Outer_Full	18.95	/	/	18.45	/	/	<=33	Pass
		Inner_Full	18.91	/	/	18.41	/	/	<=33	Pass
		Inner_1RB_Left	18.87	/	/	18.37	/	/	<=33	Pass
		Inner_1RB_Right	18.59	/	/	18.09	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	18.79	/	/	18.29	/	/	<=33	Pass
		Edge_1RB_Right	18.10	/	/	17.60	/	/	<=33	Pass
		Outer_Full	18.69	/	/	18.19	/	/	<=33	Pass
		Inner_Full	18.69	/	/	18.19	/	/	<=33	Pass
		Inner_1RB_Left	18.74	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Right	18.14	/	/	17.64	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	18.22	/	/	17.72	/	/	<=33	Pass
		Edge_1RB_Right	17.43	/	/	16.93	/	/	<=33	Pass
		Outer_Full	17.98	/	/	17.48	/	/	<=33	Pass
		Inner_Full	17.95	/	/	17.45	/	/	<=33	Pass
		Inner_1RB_Left	18.28	/	/	17.78	/	/	<=33	Pass
		Inner_1RB_Right	17.34	/	/	16.84	/	/	<=33	Pass
CP-OFDM QPSK	1862.5	Edge_1RB_Left	20.71	/	/	20.21	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	19.97	/	/	<=33	Pass
		Outer_Full	20.42	/	/	19.92	/	/	<=33	Pass
		Inner_Full	21.59	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Left	22.17	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	21.33	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.47	/	/	19.97	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	19.33	/	/	<=33	Pass
		Outer_Full	20.15	/	/	19.65	/	/	<=33	Pass
		Inner_Full	21.70	/	/	21.20	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	20.91	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.89	/	/	19.39	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	18.68	/	/	<=33	Pass
		Outer_Full	19.63	/	/	19.13	/	/	<=33	Pass
		Inner_Full	20.98	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Right	20.62	/	/	20.12	/	/	<=33	Pass
CP-OFDM 16 QAM	1862.5	Edge_1RB_Left	20.51	/	/	20.01	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	19.82	/	/	<=33	Pass
		Outer_Full	20.43	/	/	19.93	/	/	<=33	Pass
		Inner_Full	21.46	/	/	20.96	/	/	<=33	Pass
		Inner_1RB_Left	21.53	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	20.90	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.50	/	/	20.00	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	19.33	/	/	<=33	Pass
		Outer_Full	20.19	/	/	19.69	/	/	<=33	Pass
		Inner_Full	21.22	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Left	21.39	/	/	20.89	/	/	<=33	Pass
		Inner_1RB_Right	20.97	/	/	20.47	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.99	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Right	19.14	/	/	18.64	/	/	<=33	Pass
		Outer_Full	19.55	/	/	19.05	/	/	<=33	Pass
		Inner_Full	20.48	/	/	19.98	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Right	20.15	/	/	19.65	/	/	<=33	Pass
CP-OFDM 64 QAM	1862.5	Edge_1RB_Left	20.16	/	/	19.66	/	/	<=33	Pass
		Edge_1RB_Right	19.95	/	/	19.45	/	/	<=33	Pass
		Outer_Full	19.98	/	/	19.48	/	/	<=33	Pass
		Inner_Full	19.85	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Left	20.19	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Right	19.94	/	/	19.44	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.96	/	/	19.46	/	/	<=33	Pass

		Edge_1RB_Right	19.55	/	/	19.05	/	/	<=33	Pass
		Outer_Full	19.70	/	/	19.20	/	/	<=33	Pass
		Inner_Full	19.70	/	/	19.20	/	/	<=33	Pass
		Inner_1RB_Left	20.04	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	19.55	/	/	19.05	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.53	/	/	19.03	/	/	<=33	Pass
		Edge_1RB_Right	18.65	/	/	18.15	/	/	<=33	Pass
		Outer_Full	19.02	/	/	18.52	/	/	<=33	Pass
		Inner_Full	19.22	/	/	18.72	/	/	<=33	Pass
		Inner_1RB_Left	19.55	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Right	18.77	/	/	18.27	/	/	<=33	Pass
CP-OFDM 256 QAM	1862.5	Edge_1RB_Left	16.80	/	/	16.30	/	/	<=33	Pass
		Edge_1RB_Right	16.58	/	/	16.08	/	/	<=33	Pass
		Outer_Full	16.84	/	/	16.34	/	/	<=33	Pass
		Inner_Full	16.91	/	/	16.41	/	/	<=33	Pass
		Inner_1RB_Left	16.82	/	/	16.32	/	/	<=33	Pass
		Inner_1RB_Right	16.63	/	/	16.13	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.80	/	/	16.30	/	/	<=33	Pass
		Edge_1RB_Right	16.17	/	/	15.67	/	/	<=33	Pass
		Outer_Full	16.59	/	/	16.09	/	/	<=33	Pass
		Inner_Full	16.73	/	/	16.23	/	/	<=33	Pass
		Inner_1RB_Left	16.76	/	/	16.26	/	/	<=33	Pass
		Inner_1RB_Right	16.15	/	/	15.65	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	16.27	/	/	15.77	/	/	<=33	Pass
		Edge_1RB_Right	15.34	/	/	14.84	/	/	<=33	Pass
		Outer_Full	15.97	/	/	15.47	/	/	<=33	Pass
		Inner_Full	15.99	/	/	15.49	/	/	<=33	Pass
		Inner_1RB_Left	16.21	/	/	15.71	/	/	<=33	Pass
		Inner_1RB_Right	15.38	/	/	14.88	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1865	Edge_1RB_Left	24.01	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	24.00	/	/	23.50	/	/	<=33	Pass
		Outer_Full	24.11	/	/	23.61	/	/	<=33	Pass
		Inner_Full	24.08	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	24.03	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Right	23.98	/	/	23.48	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	23.88	/	/	23.38	/	/	<=33	Pass
		Edge_1RB_Right	23.93	/	/	23.43	/	/	<=33	Pass
		Outer_Full	24.05	/	/	23.55	/	/	<=33	Pass
		Inner_Full	24.04	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	23.86	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Right	23.91	/	/	23.41	/	/	<=33	Pass
	1900	Edge_1RB_Left	23.98	/	/	23.48	/	/	<=33	Pass
		Edge_1RB_Right	23.75	/	/	23.25	/	/	<=33	Pass
		Outer_Full	24.02	/	/	23.52	/	/	<=33	Pass
		Inner_Full	23.99	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	23.98	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	23.28	/	/	<=33	Pass
DFT-s-OFDM QPSK	1865	Edge_1RB_Left	23.06	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Right	22.21	/	/	21.71	/	/	<=33	Pass
		Outer_Full	22.57	/	/	22.07	/	/	<=33	Pass

		Inner Full	22.46	/	/	21.96	/	/	<=33	Pass
		Inner 1RB Left	22.63	/	/	22.13	/	/	<=33	Pass
		Inner 1RB Right	22.33	/	/	21.83	/	/	<=33	Pass
	1882.5	Edge 1RB Left	22.47	/	/	21.97	/	/	<=33	Pass
		Edge 1RB Right	21.68	/	/	21.18	/	/	<=33	Pass
		Outer Full	22.22	/	/	21.72	/	/	<=33	Pass
		Inner Full	22.25	/	/	21.75	/	/	<=33	Pass
		Inner 1RB Left	22.51	/	/	22.01	/	/	<=33	Pass
		Inner 1RB Right	21.90	/	/	21.40	/	/	<=33	Pass
	1900	Edge 1RB Left	22.18	/	/	21.68	/	/	<=33	Pass
		Edge 1RB Right	21.19	/	/	20.69	/	/	<=33	Pass
		Outer Full	21.78	/	/	21.28	/	/	<=33	Pass
		Inner Full	21.59	/	/	21.09	/	/	<=33	Pass
		Inner 1RB Left	22.25	/	/	21.75	/	/	<=33	Pass
		Inner 1RB Right	21.27	/	/	20.77	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1865	Edge 1RB Left	21.49	/	/	20.99	/	/	<=33	Pass
		Edge 1RB Right	21.35	/	/	20.85	/	/	<=33	Pass
		Outer Full	21.50	/	/	21.00	/	/	<=33	Pass
		Inner Full	22.50	/	/	22.00	/	/	<=33	Pass
		Inner 1RB Left	22.80	/	/	22.30	/	/	<=33	Pass
		Inner 1RB Right	22.47	/	/	21.97	/	/	<=33	Pass
	1882.5	Edge 1RB Left	21.40	/	/	20.90	/	/	<=33	Pass
		Edge 1RB Right	20.79	/	/	20.29	/	/	<=33	Pass
		Outer Full	21.22	/	/	20.72	/	/	<=33	Pass
		Inner Full	22.19	/	/	21.69	/	/	<=33	Pass
		Inner 1RB Left	22.44	/	/	21.94	/	/	<=33	Pass
		Inner 1RB Right	21.75	/	/	21.25	/	/	<=33	Pass
	1900	Edge 1RB Left	21.21	/	/	20.71	/	/	<=33	Pass
		Edge 1RB Right	20.20	/	/	19.70	/	/	<=33	Pass
		Outer Full	20.65	/	/	20.15	/	/	<=33	Pass
		Inner Full	21.59	/	/	21.09	/	/	<=33	Pass
		Inner 1RB Left	22.14	/	/	21.64	/	/	<=33	Pass
		Inner 1RB Right	21.54	/	/	21.04	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1865	Edge 1RB Left	21.61	/	/	21.11	/	/	<=33	Pass
		Edge 1RB Right	20.97	/	/	20.47	/	/	<=33	Pass
		Outer Full	20.97	/	/	20.47	/	/	<=33	Pass
		Inner Full	20.98	/	/	20.48	/	/	<=33	Pass
		Inner 1RB Left	21.61	/	/	21.11	/	/	<=33	Pass
		Inner 1RB Right	20.83	/	/	20.33	/	/	<=33	Pass
	1882.5	Edge 1RB Left	20.99	/	/	20.49	/	/	<=33	Pass
		Edge 1RB Right	20.38	/	/	19.88	/	/	<=33	Pass
		Outer Full	20.71	/	/	20.21	/	/	<=33	Pass
		Inner Full	20.71	/	/	20.21	/	/	<=33	Pass
		Inner 1RB Left	21.00	/	/	20.50	/	/	<=33	Pass
		Inner 1RB Right	20.45	/	/	19.95	/	/	<=33	Pass
	1900	Edge 1RB Left	20.72	/	/	20.22	/	/	<=33	Pass
		Edge 1RB Right	19.64	/	/	19.14	/	/	<=33	Pass
		Outer Full	20.17	/	/	19.67	/	/	<=33	Pass
		Inner Full	20.15	/	/	19.65	/	/	<=33	Pass
		Inner 1RB Left	20.76	/	/	20.26	/	/	<=33	Pass
		Inner 1RB Right	19.89	/	/	19.39	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1865	Edge 1RB Left	18.89	/	/	18.39	/	/	<=33	Pass
		Edge 1RB Right	18.51	/	/	18.01	/	/	<=33	Pass
		Outer Full	18.99	/	/	18.49	/	/	<=33	Pass
		Inner Full	18.89	/	/	18.39	/	/	<=33	Pass
		Inner 1RB Left	18.86	/	/	18.36	/	/	<=33	Pass
		Inner 1RB Right	18.57	/	/	18.07	/	/	<=33	Pass
	1882.5	Edge 1RB Left	18.67	/	/	18.17	/	/	<=33	Pass
		Edge 1RB Right	17.99	/	/	17.49	/	/	<=33	Pass

		Outer_Full	18.73	/	/	18.23	/	/	<=33	Pass
		Inner_Full	18.61	/	/	18.11	/	/	<=33	Pass
		Inner_1RB_Left	18.70	/	/	18.20	/	/	<=33	Pass
		Inner_1RB_Right	18.04	/	/	17.54	/	/	<=33	Pass
	1900	Edge_1RB_Left	18.44	/	/	17.94	/	/	<=33	Pass
		Edge_1RB_Right	17.40	/	/	16.90	/	/	<=33	Pass
		Outer_Full	18.09	/	/	17.59	/	/	<=33	Pass
		Inner_Full	18.06	/	/	17.56	/	/	<=33	Pass
		Inner_1RB_Left	18.48	/	/	17.98	/	/	<=33	Pass
		Inner_1RB_Right	17.35	/	/	16.85	/	/	<=33	Pass
CP-OFDM QPSK	1865	Edge_1RB_Left	20.75	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	20.37	/	/	19.87	/	/	<=33	Pass
		Outer_Full	20.48	/	/	19.98	/	/	<=33	Pass
		Inner_Full	22.41	/	/	21.91	/	/	<=33	Pass
		Inner_1RB_Left	22.10	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Right	22.00	/	/	21.50	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.51	/	/	20.01	/	/	<=33	Pass
		Edge_1RB_Right	19.85	/	/	19.35	/	/	<=33	Pass
		Outer_Full	20.20	/	/	19.70	/	/	<=33	Pass
		Inner_Full	21.68	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	22.00	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Right	21.34	/	/	20.84	/	/	<=33	Pass
	1900	Edge_1RB_Left	20.18	/	/	19.68	/	/	<=33	Pass
		Edge_1RB_Right	19.13	/	/	18.63	/	/	<=33	Pass
		Outer_Full	19.72	/	/	19.22	/	/	<=33	Pass
		Inner_Full	21.06	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Right	20.61	/	/	20.11	/	/	<=33	Pass
CP-OFDM 16 QAM	1865	Edge_1RB_Left	20.69	/	/	20.19	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	19.97	/	/	<=33	Pass
		Outer_Full	20.48	/	/	19.98	/	/	<=33	Pass
		Inner_Full	21.38	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Left	21.53	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Right	21.28	/	/	20.78	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	20.41	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	19.37	/	/	<=33	Pass
		Outer_Full	20.22	/	/	19.72	/	/	<=33	Pass
		Inner_Full	21.19	/	/	20.69	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Right	20.81	/	/	20.31	/	/	<=33	Pass
	1900	Edge_1RB_Left	20.20	/	/	19.70	/	/	<=33	Pass
		Edge_1RB_Right	19.22	/	/	18.72	/	/	<=33	Pass
		Outer_Full	19.67	/	/	19.17	/	/	<=33	Pass
		Inner_Full	20.43	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Left	21.06	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Right	20.27	/	/	19.77	/	/	<=33	Pass
CP-OFDM 64 QAM	1865	Edge_1RB_Left	20.09	/	/	19.59	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	19.33	/	/	<=33	Pass
		Outer_Full	20.02	/	/	19.52	/	/	<=33	Pass
		Inner_Full	19.90	/	/	19.40	/	/	<=33	Pass
		Inner_1RB_Left	20.04	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	19.78	/	/	19.28	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	19.98	/	/	19.48	/	/	<=33	Pass
		Edge_1RB_Right	19.39	/	/	18.89	/	/	<=33	Pass
		Outer_Full	19.71	/	/	19.21	/	/	<=33	Pass
		Inner_Full	19.69	/	/	19.19	/	/	<=33	Pass
		Inner_1RB_Left	19.96	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Right	19.28	/	/	18.78	/	/	<=33	Pass
	1900	Edge_1RB_Left	19.58	/	/	19.08	/	/	<=33	Pass

		Edge_1RB_Right	18.61	/	/	18.11	/	/	<=33	Pass
		Outer_Full	19.14	/	/	18.64	/	/	<=33	Pass
		Inner_Full	19.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	19.61	/	/	19.11	/	/	<=33	Pass
		Inner_1RB_Right	18.66	/	/	18.16	/	/	<=33	Pass
CP-OFDM 256 QAM	1865	Edge_1RB_Left	16.89	/	/	16.39	/	/	<=33	Pass
		Edge_1RB_Right	16.53	/	/	16.03	/	/	<=33	Pass
		Outer_Full	16.94	/	/	16.44	/	/	<=33	Pass
		Inner_Full	16.88	/	/	16.38	/	/	<=33	Pass
		Inner_1RB_Left	16.91	/	/	16.41	/	/	<=33	Pass
		Inner_1RB_Right	16.57	/	/	16.07	/	/	<=33	Pass
	1882.5	Edge_1RB_Left	16.80	/	/	16.30	/	/	<=33	Pass
		Edge_1RB_Right	16.09	/	/	15.59	/	/	<=33	Pass
		Outer_Full	16.65	/	/	16.15	/	/	<=33	Pass
		Inner_Full	16.66	/	/	16.16	/	/	<=33	Pass
		Inner_1RB_Left	16.72	/	/	16.22	/	/	<=33	Pass
		Inner_1RB_Right	16.10	/	/	15.60	/	/	<=33	Pass
	1900	Edge_1RB_Left	16.36	/	/	15.86	/	/	<=33	Pass
		Edge_1RB_Right	15.46	/	/	14.96	/	/	<=33	Pass
		Outer_Full	16.15	/	/	15.65	/	/	<=33	Pass
Inner_Full		16.07	/	/	15.57	/	/	<=33	Pass	
Inner_1RB_Left		16.40	/	/	15.90	/	/	<=33	Pass	
		Inner_1RB_Right	15.45	/	/	14.95	/	/	<=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_30MHz

5G NR n25 SCS=15kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1882.5	Outer_Full	20	LV	2.70	0.0014	>=-2.5 & <=2.5	Pass
				HV	1.60	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	5.70	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	4.30	0.0023	>=-2.5 & <=2.5	Pass
				HV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	6.90	0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	2.00	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass

			50	NV	3.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	20	LV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.00	0.0011	≥ -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	2.30	0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.20	0.0033	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.00	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.20	0.0028	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	20	LV	-2.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.70	0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.50	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.70	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.80	0.0020	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-4.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.50	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	1882.5	Outer_Full	20	LV	-5.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.00	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.00	-0.0032	≥ -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	-1.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.20	0.0012	≥ -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	-4.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.50	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.10	0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.10	0.0011	≥ -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	-2.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	1.20	0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-5.50	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-7.80	-0.0041	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-3.70	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	5.00	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-3.20	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	4.00	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-4.80	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	20	LV	-1.80	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.50	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.70	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.70	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	1.70	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.30	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	3.20	0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	2.30	0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.80	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-2.50	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-0.40	-0.0002	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTN						
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	5.31	/	Pass
	1882.5	Outer_Full	4.59	5.26	/	Pass
	1912.5	Outer_Full	4.54	5.15	/	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	4.57	5.40	/	Pass
	1882.5	Outer_Full	4.55	5.28	/	Pass
	1912.5	Outer_Full	4.54	5.32	/	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	4.60	5.43	/	Pass
	1882.5	Outer_Full	4.60	5.52	/	Pass
	1912.5	Outer_Full	4.56	5.35	/	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	4.58	5.40	/	Pass
	1882.5	Outer_Full	4.54	5.19	/	Pass
	1912.5	Outer_Full	4.57	5.36	/	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	4.57	5.42	/	Pass
	1882.5	Outer_Full	4.59	5.42	/	Pass
	1912.5	Outer_Full	4.60	5.41	/	Pass
CP-OFDM QPSK	1852.5	Outer_Full	4.53	5.34	/	Pass
	1882.5	Outer_Full	4.56	5.41	/	Pass
	1912.5	Outer_Full	4.55	5.41	/	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	4.58	5.38	/	Pass
	1882.5	Outer_Full	4.58	5.42	/	Pass
	1912.5	Outer_Full	4.61	5.49	/	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	4.53	5.26	/	Pass
	1882.5	Outer_Full	4.54	5.36	/	Pass
	1912.5	Outer_Full	4.52	5.19	/	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	4.59	5.40	/	Pass
	1882.5	Outer_Full	4.56	5.36	/	Pass
	1912.5	Outer_Full	4.56	5.32	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n25 SCS=15kHz SISO 10MHz NTN						
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	9.96	/	Pass
	1882.5	Outer_Full	9.03	9.94	/	Pass
	1910	Outer_Full	9.03	10.00	/	Pass
DFT-s-OFDM QPSK	1855	Outer_Full	9.07	10.08	/	Pass
	1882.5	Outer_Full	9.07	10.18	/	Pass
	1910	Outer_Full	9.08	10.11	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	9.06	9.98	/	Pass
	1882.5	Outer_Full	9.09	10.09	/	Pass
	1910	Outer_Full	9.06	9.98	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	9.08	10.05	/	Pass
	1882.5	Outer_Full	9.09	10.09	/	Pass
	1910	Outer_Full	9.06	9.98	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	9.06	9.97	/	Pass
	1882.5	Outer_Full	9.08	10.04	/	Pass
	1910	Outer_Full	9.05	10.05	/	Pass
CP-OFDM QPSK	1855	Outer_Full	9.40	10.38	/	Pass
	1882.5	Outer_Full	9.42	10.49	/	Pass
	1910	Outer_Full	9.39	10.42	/	Pass
CP-OFDM 16 QAM	1855	Outer_Full	9.42	10.33	/	Pass
	1882.5	Outer_Full	9.44	10.49	/	Pass
	1910	Outer_Full	9.42	10.44	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	9.37	10.31	/	Pass
	1882.5	Outer_Full	9.36	10.30	/	Pass
	1910	Outer_Full	9.39	10.38	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	9.38	10.41	/	Pass
	1882.5	Outer_Full	9.39	10.40	/	Pass
	1910	Outer_Full	9.37	10.47	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n25 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1857.5	Outer_Full	13.58	14.79	/	Pass
	1882.5	Outer_Full	13.59	14.79	/	Pass
	1907.5	Outer_Full	13.61	14.90	/	Pass
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.64	14.91	/	Pass
	1882.5	Outer_Full	13.64	14.99	/	Pass
	1907.5	Outer_Full	13.67	14.93	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.60	14.82	/	Pass
	1882.5	Outer_Full	13.63	14.82	/	Pass
	1907.5	Outer_Full	13.64	14.80	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.58	14.85	/	Pass
	1882.5	Outer_Full	13.58	14.86	/	Pass
	1907.5	Outer_Full	13.59	14.82	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.61	14.71	/	Pass
	1882.5	Outer_Full	13.62	14.76	/	Pass
	1907.5	Outer_Full	13.62	14.84	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	14.29	15.50	/	Pass
	1882.5	Outer_Full	14.31	15.57	/	Pass

	1907.5	Outer_Full	14.31	15.55	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	14.28	15.82	/	Pass
	1882.5	Outer_Full	14.30	15.57	/	Pass
	1907.5	Outer_Full	14.30	15.92	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	14.26	16.45	/	Pass
	1882.5	Outer_Full	14.30	16.84	/	Pass
	1907.5	Outer_Full	14.31	16.46	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	14.28	15.61	/	Pass
	1882.5	Outer_Full	14.28	15.55	/	Pass
	1907.5	Outer_Full	14.26	15.46	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1860	Outer_Full	18.09	19.48	/	Pass
	1882.5	Outer_Full	18.10	19.49	/	Pass
	1905	Outer_Full	18.16	19.47	/	Pass
DFT-s-OFDM QPSK	1860	Outer_Full	18.02	19.52	/	Pass
	1882.5	Outer_Full	18.06	19.58	/	Pass
	1905	Outer_Full	18.11	19.65	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.08	19.56	/	Pass
	1882.5	Outer_Full	18.11	19.57	/	Pass
	1905	Outer_Full	18.14	19.57	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.13	19.54	/	Pass
	1882.5	Outer_Full	18.15	19.58	/	Pass
	1905	Outer_Full	18.20	19.58	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.03	19.61	/	Pass
	1882.5	Outer_Full	18.07	19.57	/	Pass
	1905	Outer_Full	18.08	19.66	/	Pass
CP-OFDM QPSK	1860	Outer_Full	19.08	21.77	/	Pass
	1882.5	Outer_Full	19.11	22.82	/	Pass
	1905	Outer_Full	19.14	21.76	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	19.19	21.46	/	Pass
	1882.5	Outer_Full	19.24	21.51	/	Pass
	1905	Outer_Full	19.23	21.15	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	19.11	20.56	/	Pass
	1882.5	Outer_Full	19.16	20.97	/	Pass
	1905	Outer_Full	19.18	20.59	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	19.12	20.56	/	Pass
	1882.5	Outer_Full	19.14	20.67	/	Pass
	1905	Outer_Full	19.18	20.70	/	Pass

3.1.5 15k_SISO_25MHz_NTNV

5G NR n25 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1862.5	Outer_Full	23.12	24.70	/	Pass
	1882.5	Outer_Full	23.16	24.78	/	Pass
	1902.5	Outer_Full	23.16	24.81	/	Pass
DFT-s-OFDM QPSK	1862.5	Outer_Full	23.09	24.88	/	Pass
	1882.5	Outer_Full	23.10	24.90	/	Pass
	1902.5	Outer_Full	23.13	24.82	/	Pass
DFT-s-OFDM 16 QAM	1862.5	Outer_Full	23.19	24.76	/	Pass

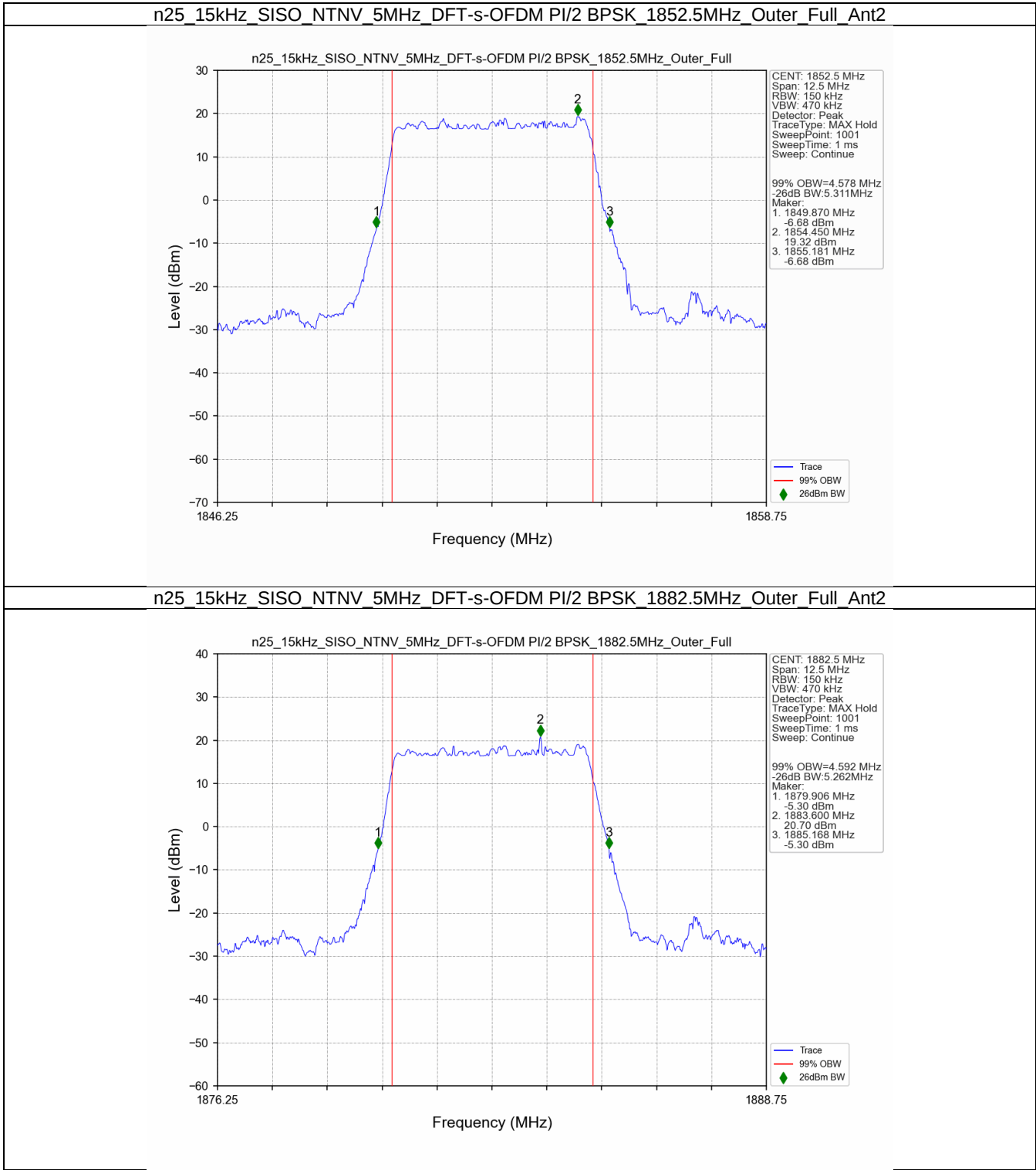
	1882.5	Outer_Full	23.21	24.81	/	Pass
	1902.5	Outer_Full	23.23	24.76	/	Pass
	1862.5	Outer_Full	23.05	24.82	/	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	23.07	24.80	/	Pass
	1902.5	Outer_Full	23.11	24.80	/	Pass
	1862.5	Outer_Full	23.06	24.68	/	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	23.07	24.69	/	Pass
	1902.5	Outer_Full	23.11	24.73	/	Pass
	1862.5	Outer_Full	23.95	25.93	/	Pass
CP-OFDM QPSK	1882.5	Outer_Full	23.99	25.79	/	Pass
	1902.5	Outer_Full	24.01	25.86	/	Pass
	1862.5	Outer_Full	23.93	25.63	/	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	23.97	25.73	/	Pass
	1902.5	Outer_Full	23.96	25.71	/	Pass
	1862.5	Outer_Full	23.94	25.92	/	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	24.04	26.08	/	Pass
	1902.5	Outer_Full	24.05	26.05	/	Pass
	1862.5	Outer_Full	23.99	25.61	/	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	24.02	25.73	/	Pass
	1902.5	Outer_Full	24.03	25.64	/	Pass

3.1.6 15k_SISO_30MHz_NTNV

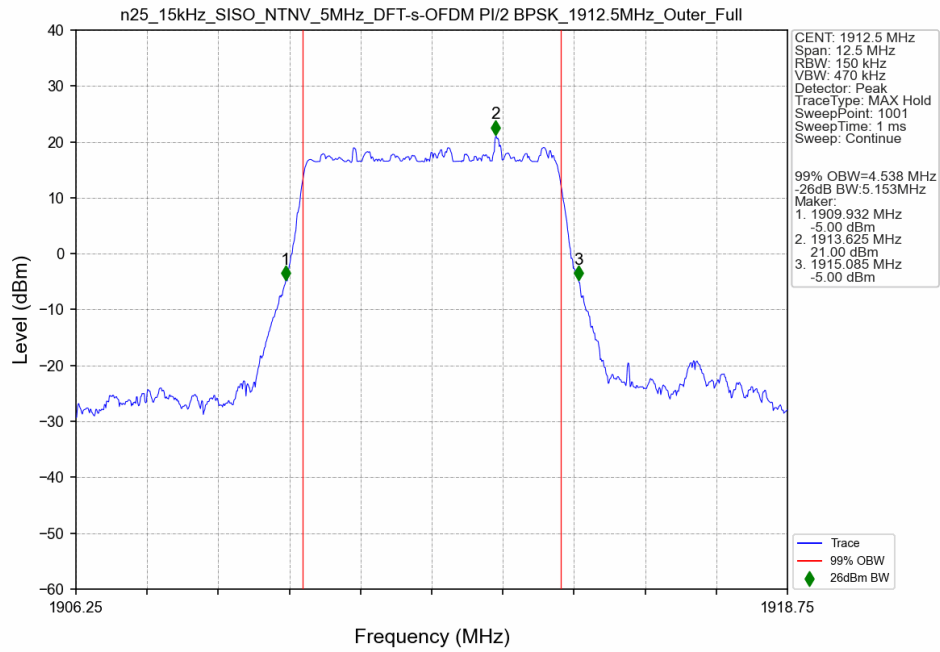
5G NR n25 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1865	Outer_Full	28.88	30.74	/	Pass
	1882.5	Outer_Full	28.93	30.80	/	Pass
	1900	Outer_Full	28.93	30.91	/	Pass
DFT-s-OFDM QPSK	1865	Outer_Full	28.72	30.83	/	Pass
	1882.5	Outer_Full	28.75	30.85	/	Pass
	1900	Outer_Full	28.75	30.87	/	Pass
DFT-s-OFDM 16 QAM	1865	Outer_Full	29.04	30.96	/	Pass
	1882.5	Outer_Full	29.02	30.93	/	Pass
	1900	Outer_Full	29.00	30.95	/	Pass
DFT-s-OFDM 64 QAM	1865	Outer_Full	28.85	30.80	/	Pass
	1882.5	Outer_Full	28.85	30.79	/	Pass
	1900	Outer_Full	28.86	30.84	/	Pass
DFT-s-OFDM 256 QAM	1865	Outer_Full	28.85	30.80	/	Pass
	1882.5	Outer_Full	28.91	30.82	/	Pass
	1900	Outer_Full	28.89	30.81	/	Pass
CP-OFDM QPSK	1865	Outer_Full	28.84	32.83	/	Pass
	1882.5	Outer_Full	28.90	32.03	/	Pass
	1900	Outer_Full	28.85	30.87	/	Pass
CP-OFDM 16 QAM	1865	Outer_Full	28.80	32.36	/	Pass
	1882.5	Outer_Full	28.84	33.15	/	Pass
	1900	Outer_Full	28.81	32.50	/	Pass
CP-OFDM 64 QAM	1865	Outer_Full	28.87	31.40	/	Pass
	1882.5	Outer_Full	28.89	32.98	/	Pass
	1900	Outer_Full	28.90	33.41	/	Pass
CP-OFDM 256 QAM	1865	Outer_Full	28.76	30.81	/	Pass
	1882.5	Outer_Full	28.78	30.81	/	Pass
	1900	Outer_Full	28.79	30.72	/	Pass

3.2 Test Graph

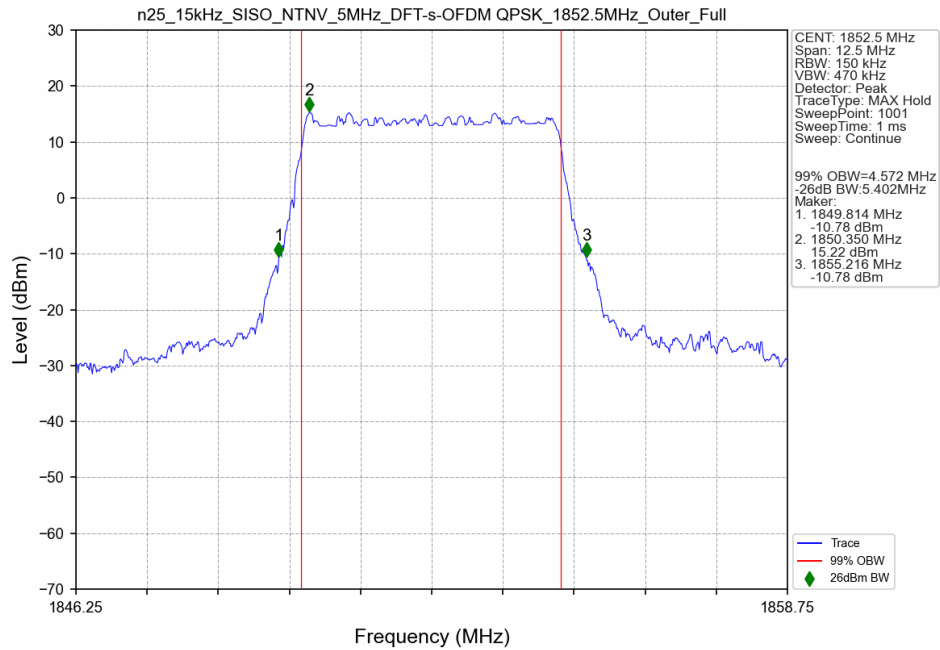
3.2.1 15k_SISO_5MHz_NTNV



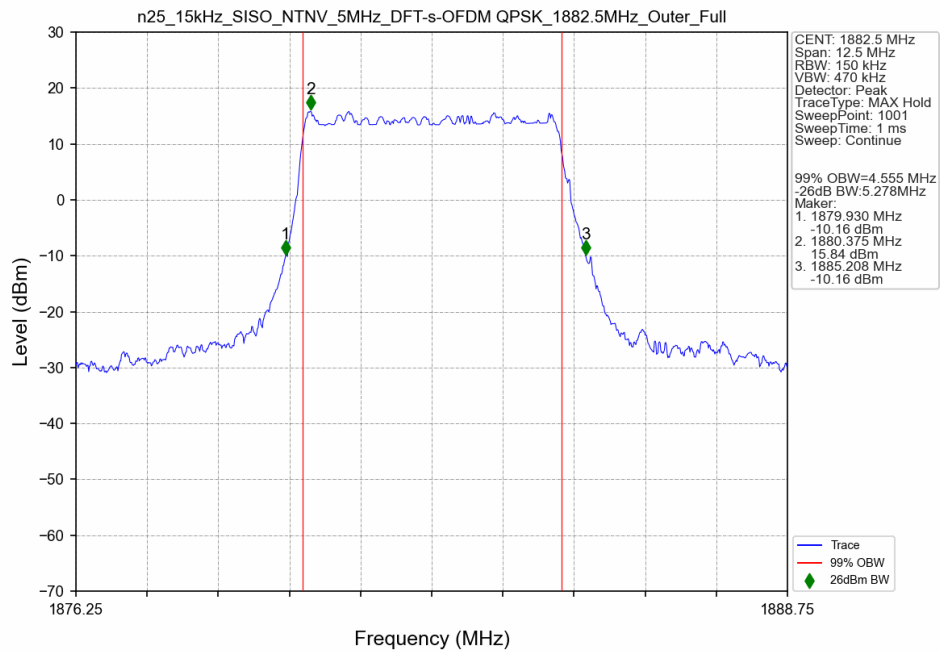
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1912.5MHz_Outer_Full_Ant2



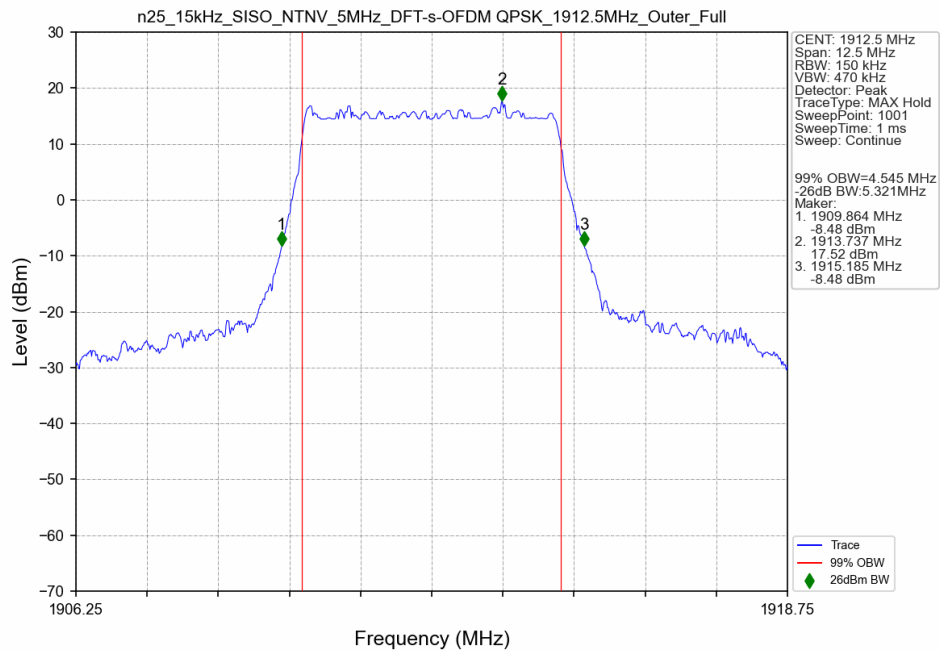
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Outer_Full_Ant2



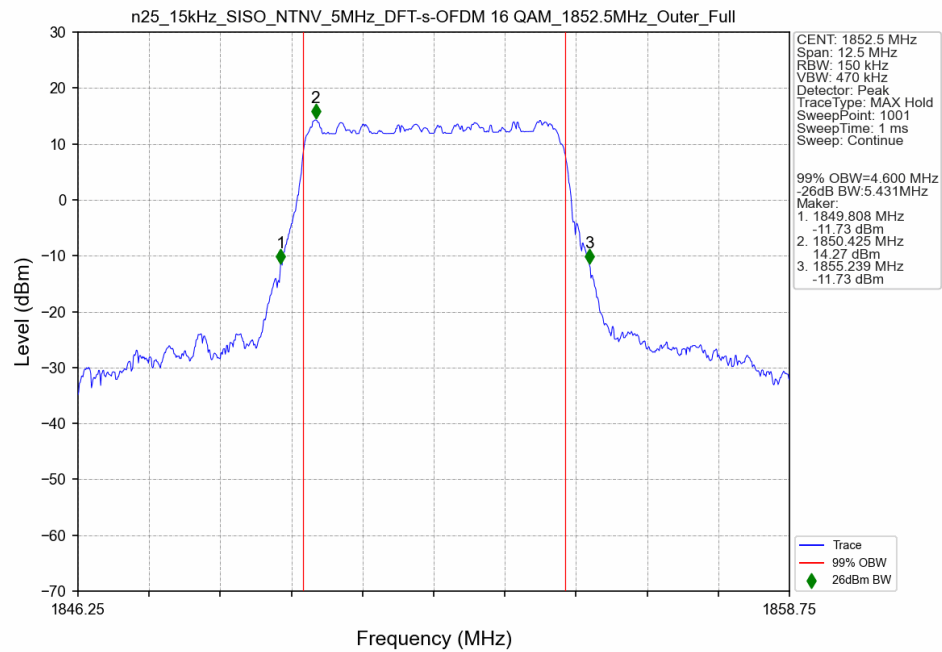
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1882.5MHz Outer Full Ant2



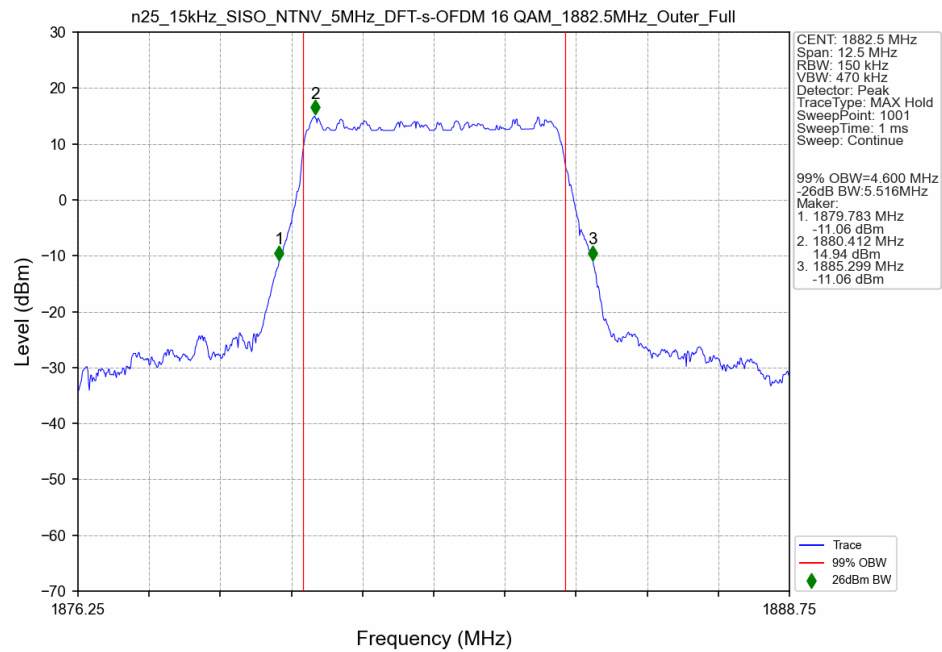
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Outer Full Ant2



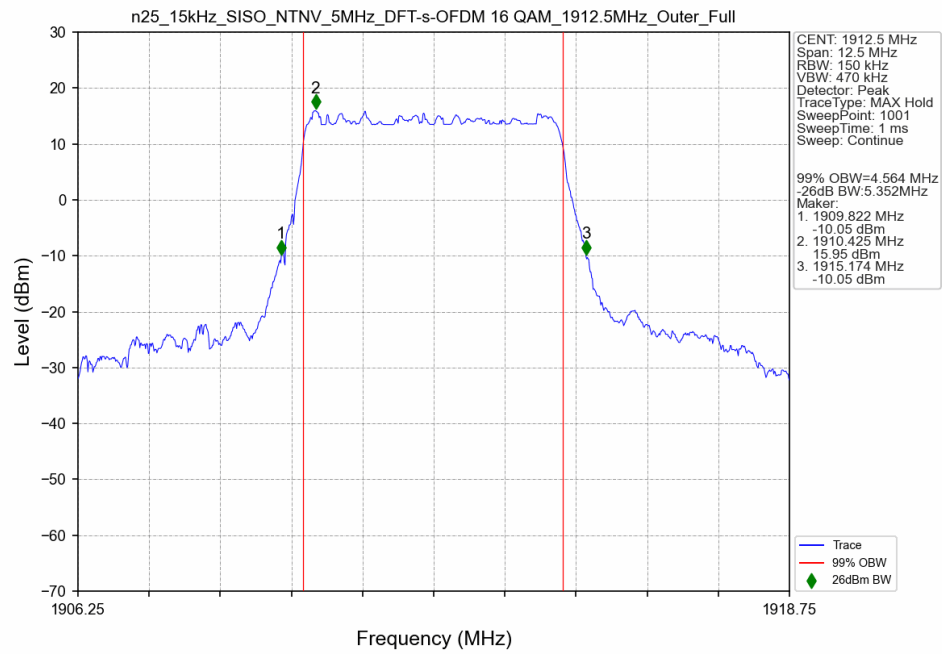
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1852.5MHz_Outer_Full_Ant2



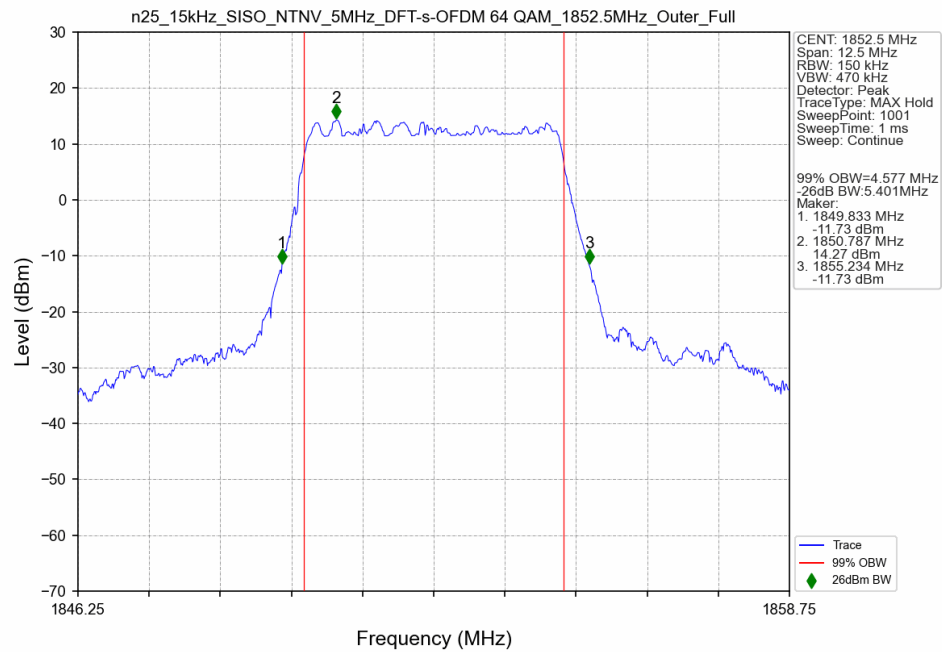
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full_Ant2



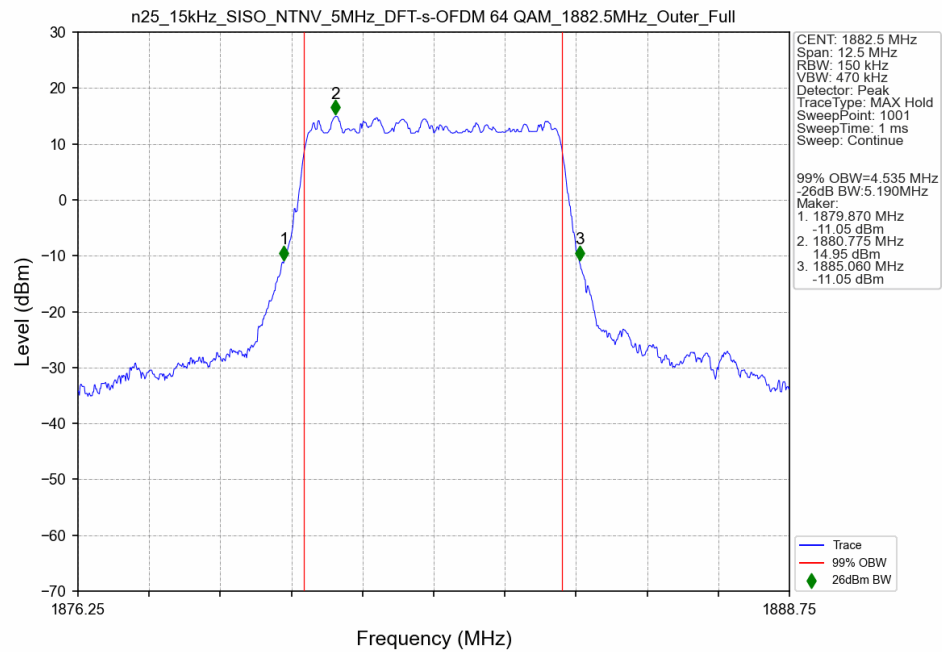
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1912.5MHz_Outer_Full_Ant2



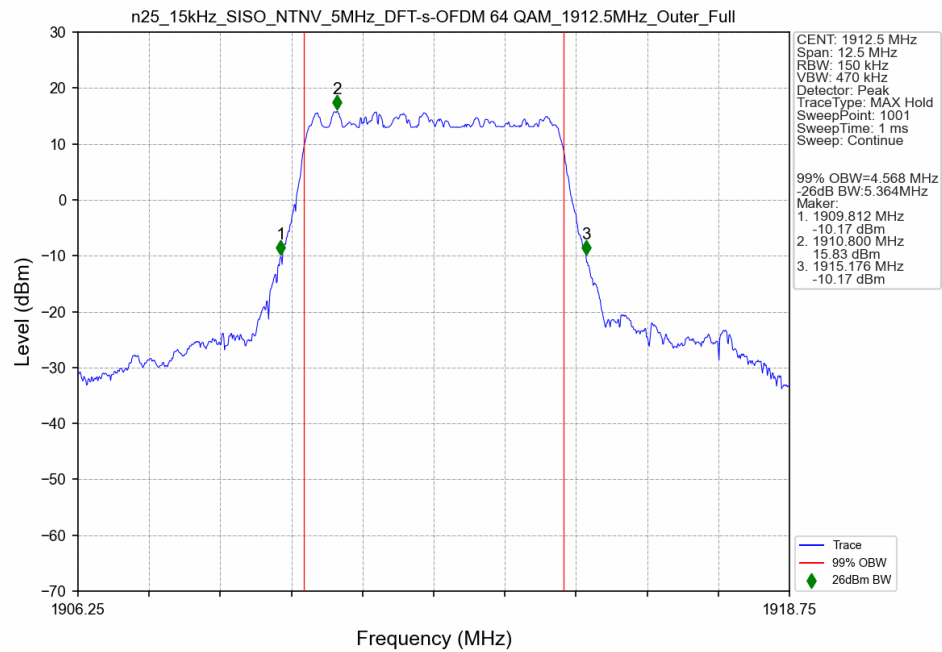
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1852.5MHz_Outer_Full_Ant2



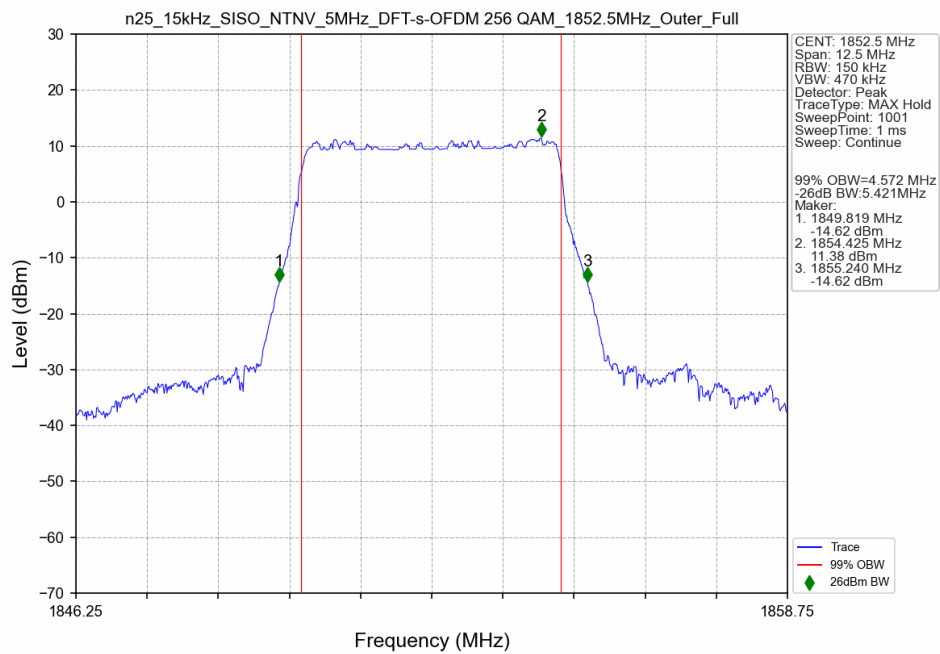
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1882.5MHz_Outer_Full_Ant2



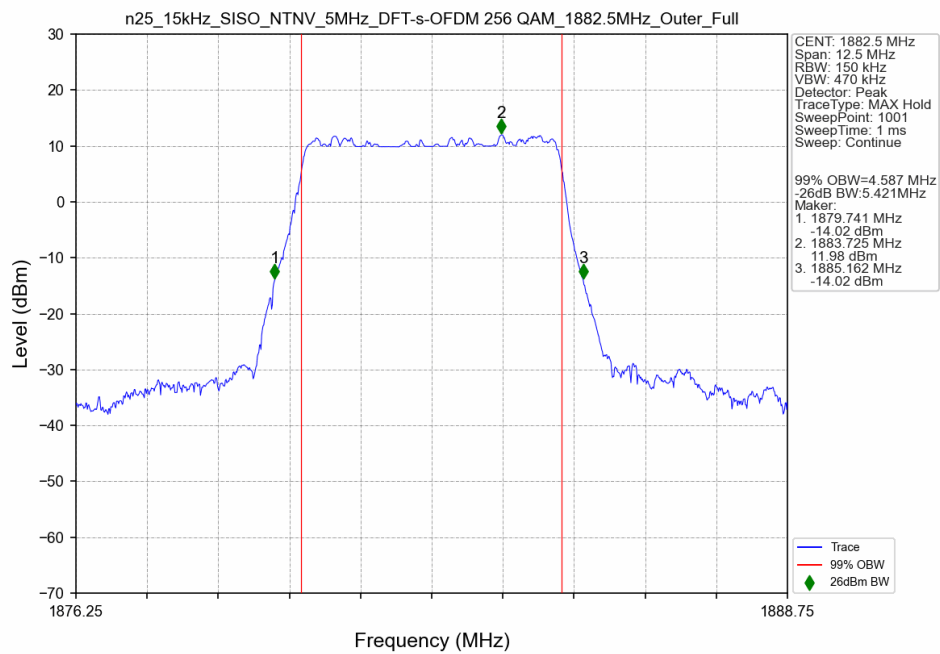
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1912.5MHz_Outer_Full_Ant2



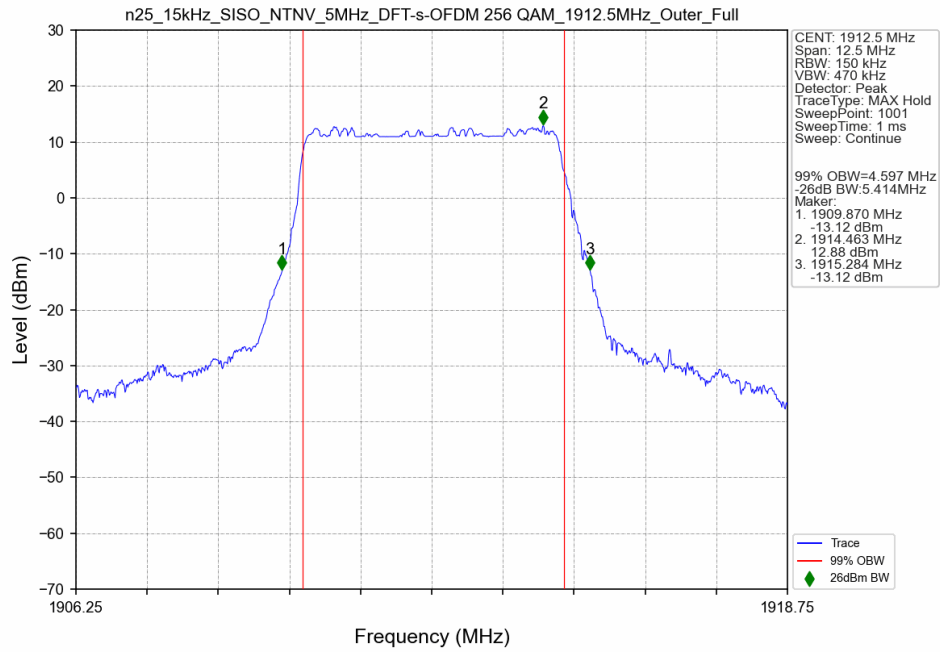
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1852.5MHz Outer Full Ant2



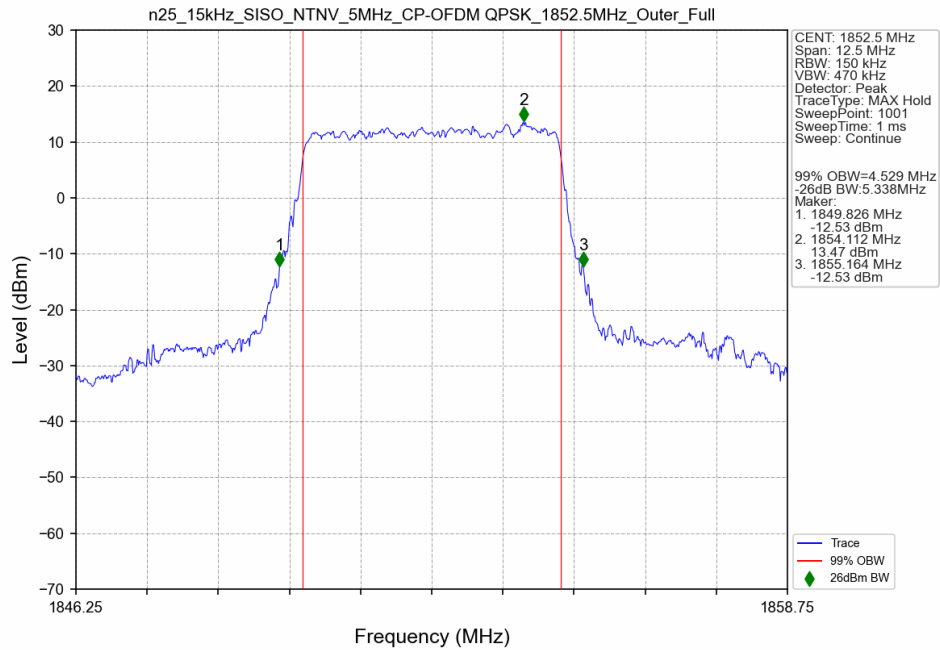
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1882.5MHz Outer Full Ant2



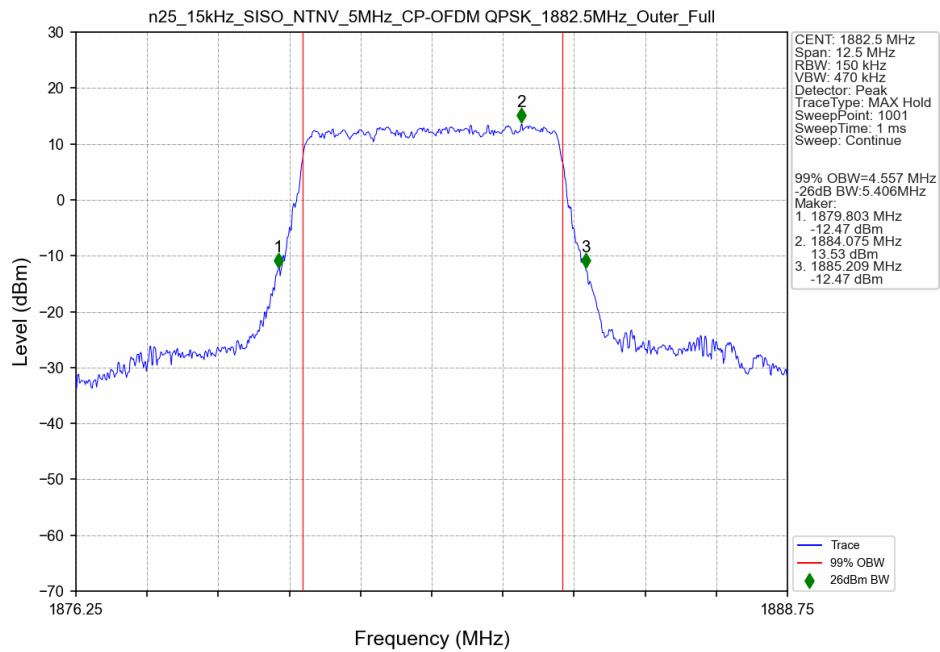
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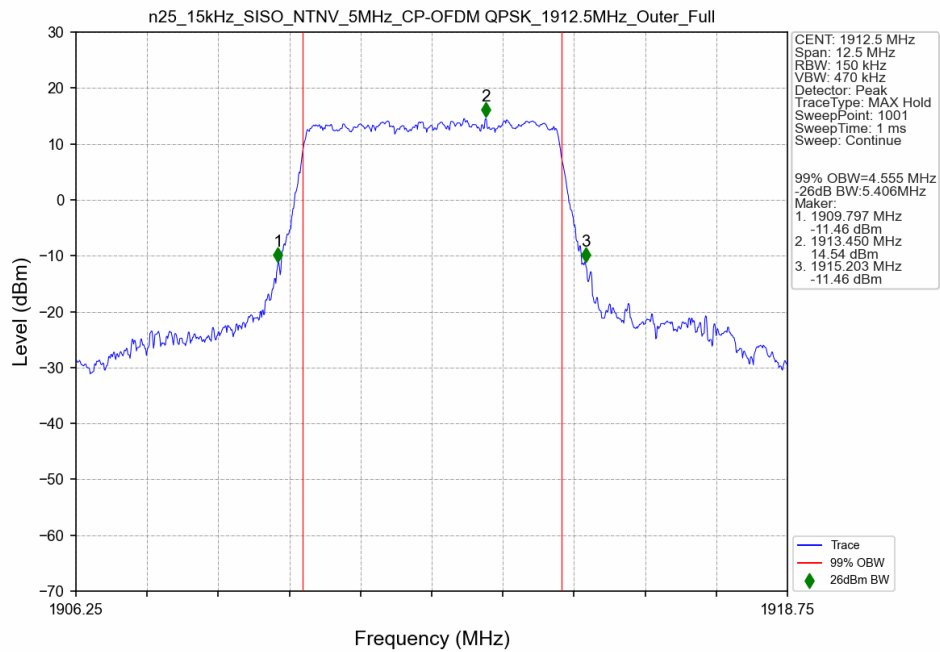
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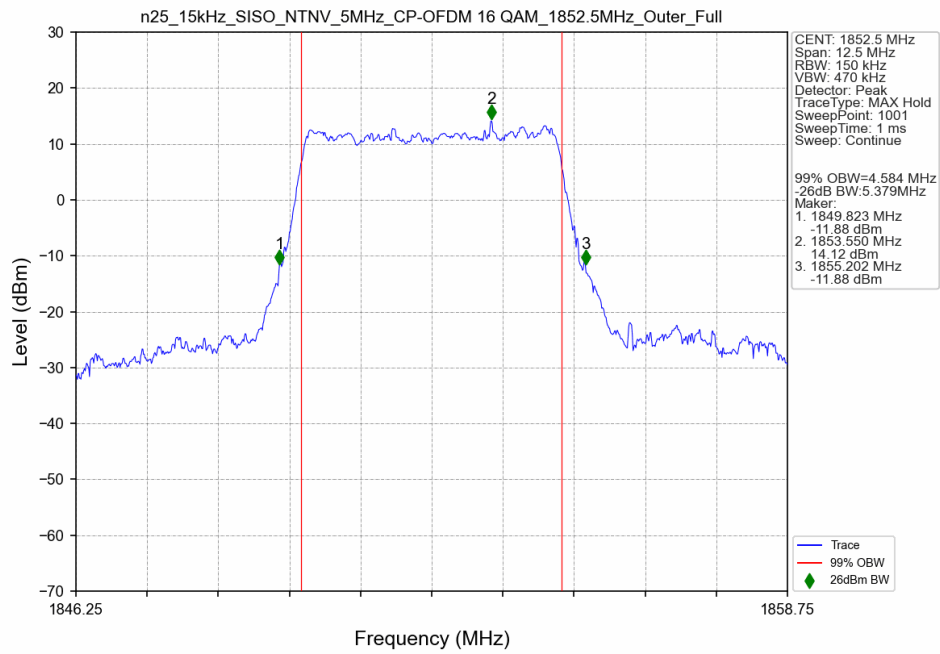
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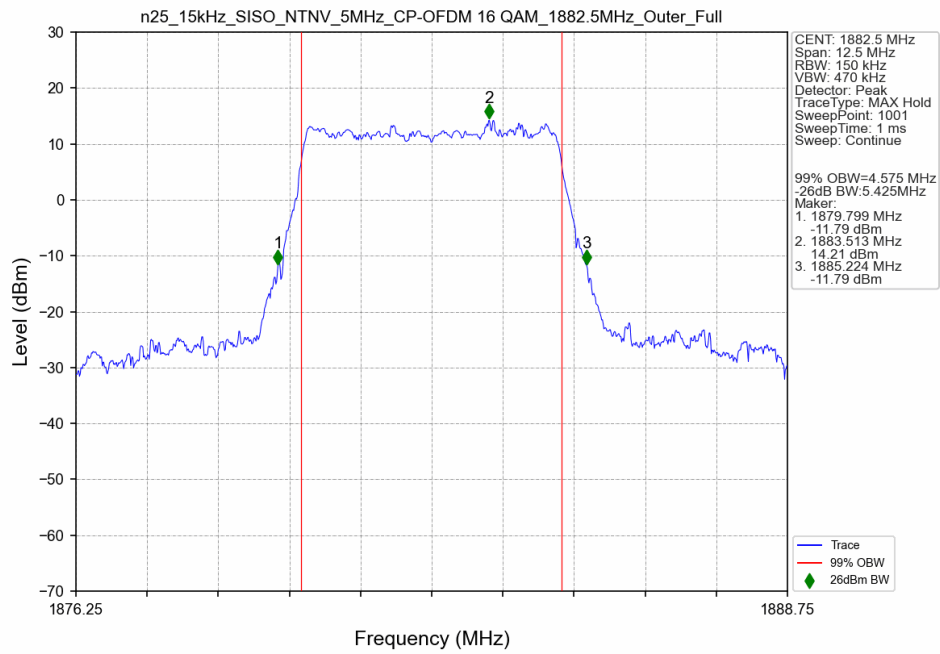
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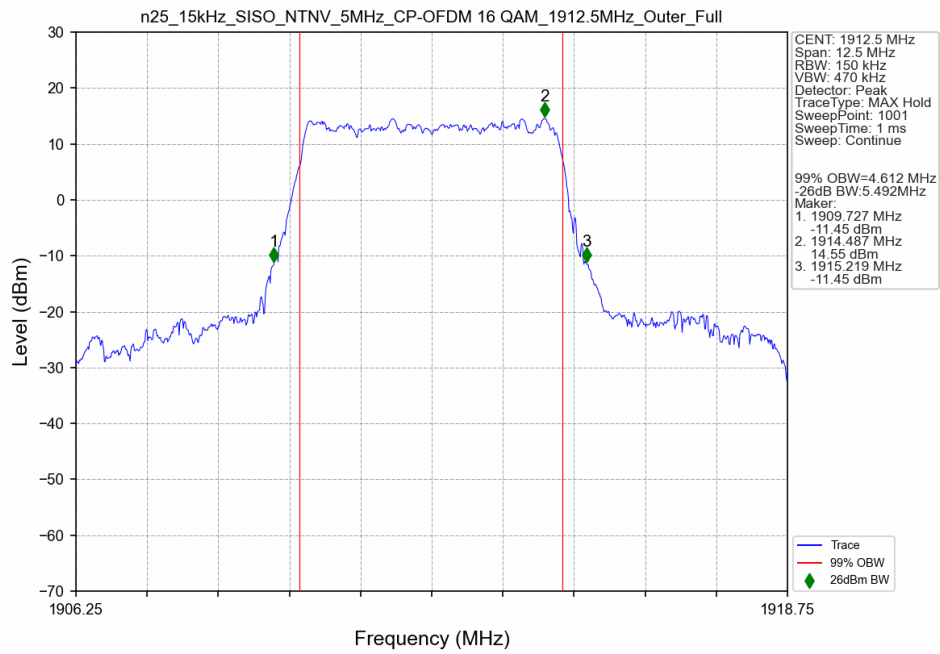
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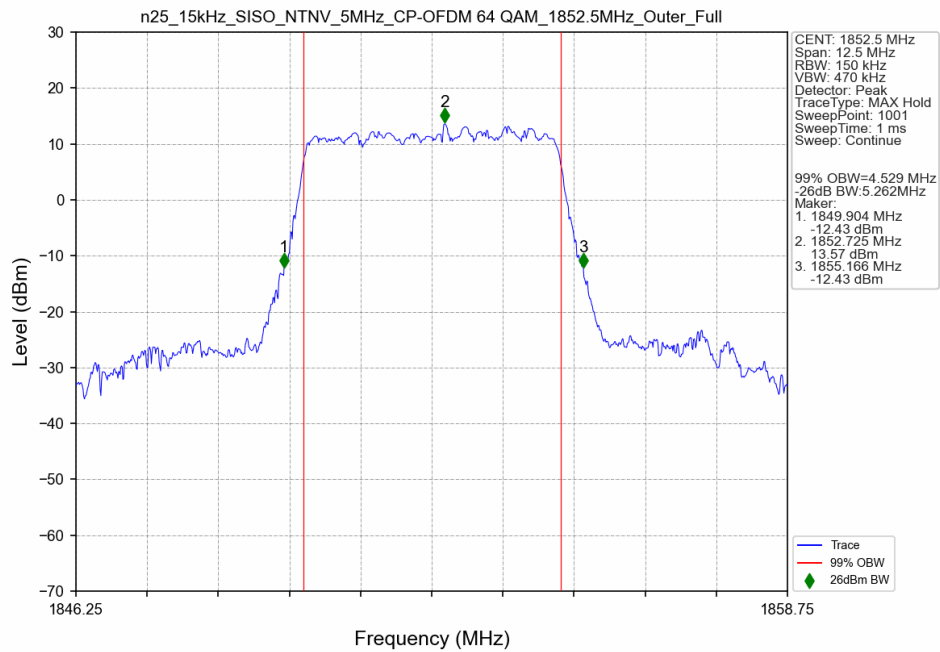
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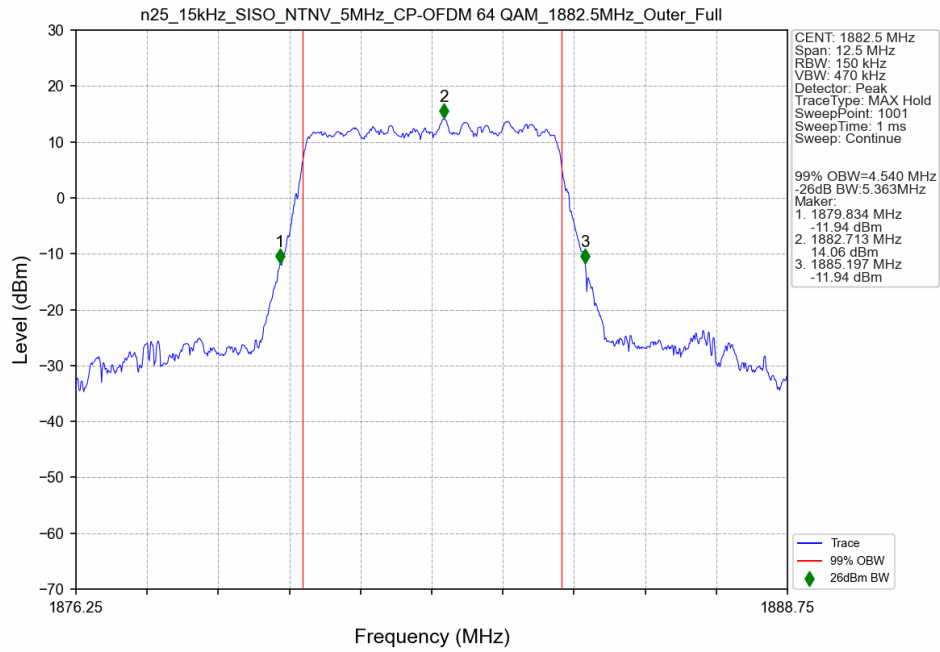
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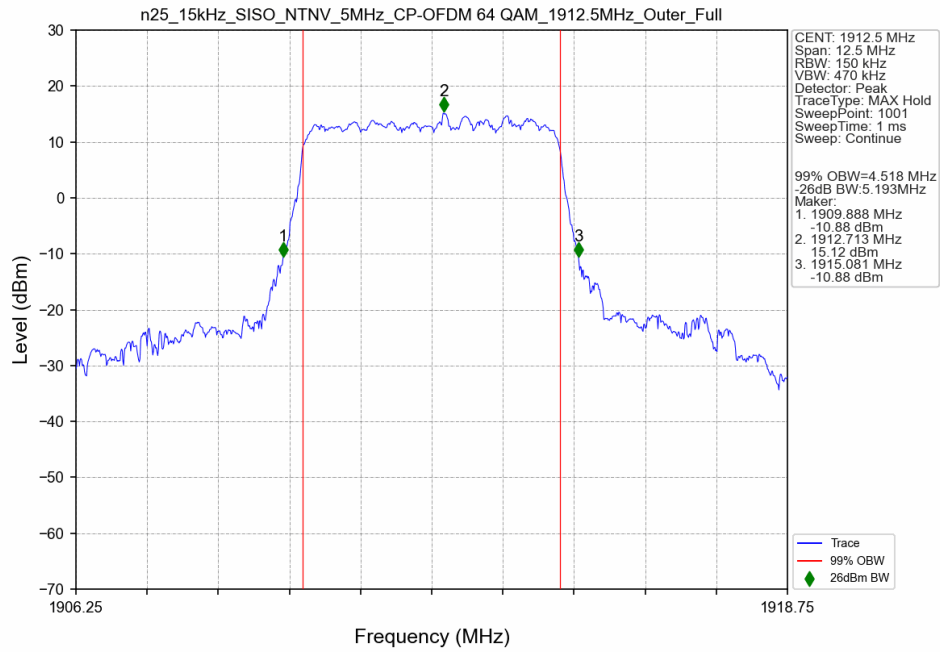
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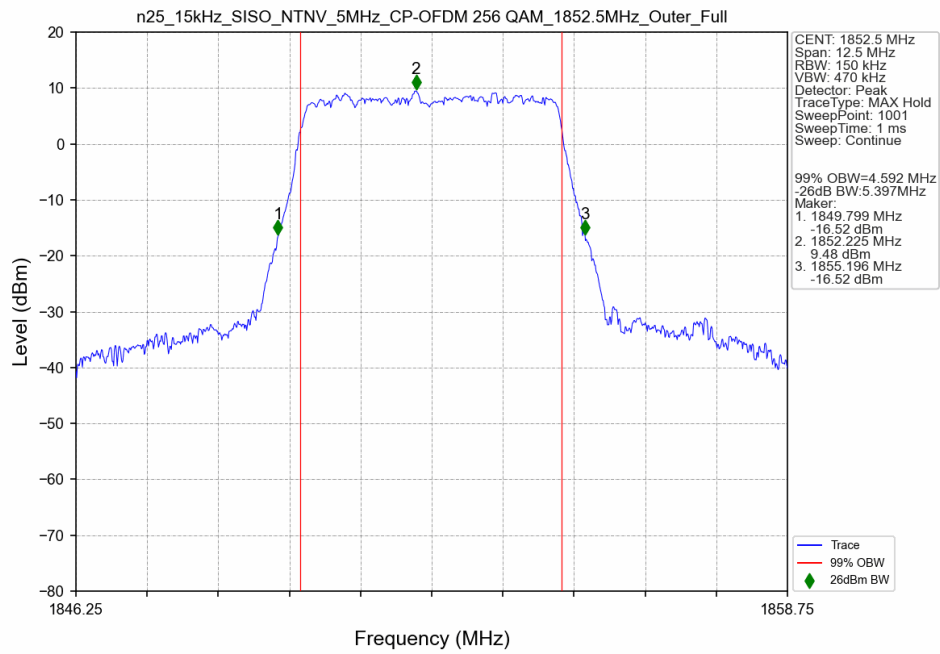
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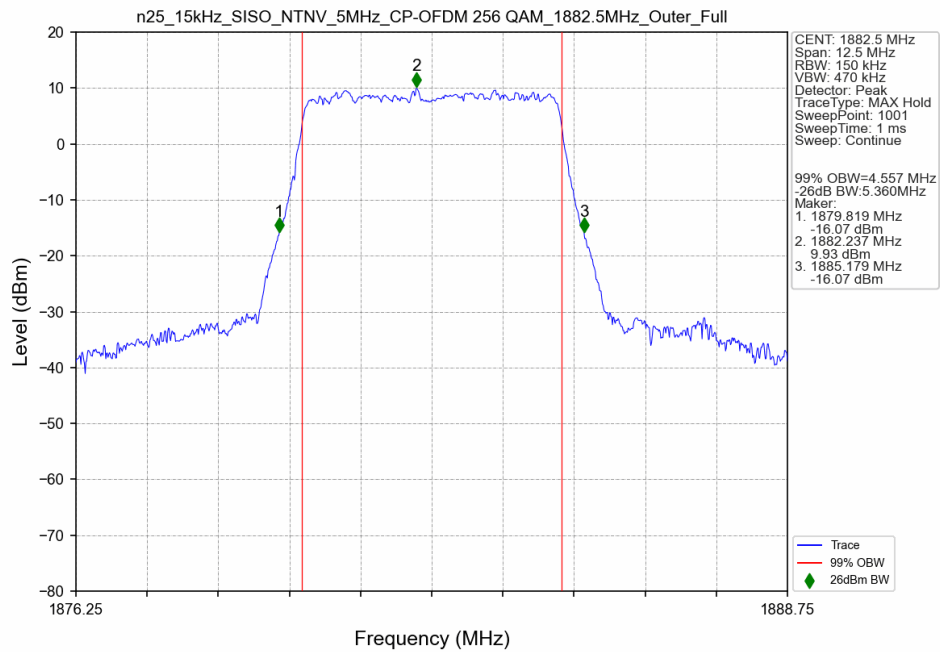
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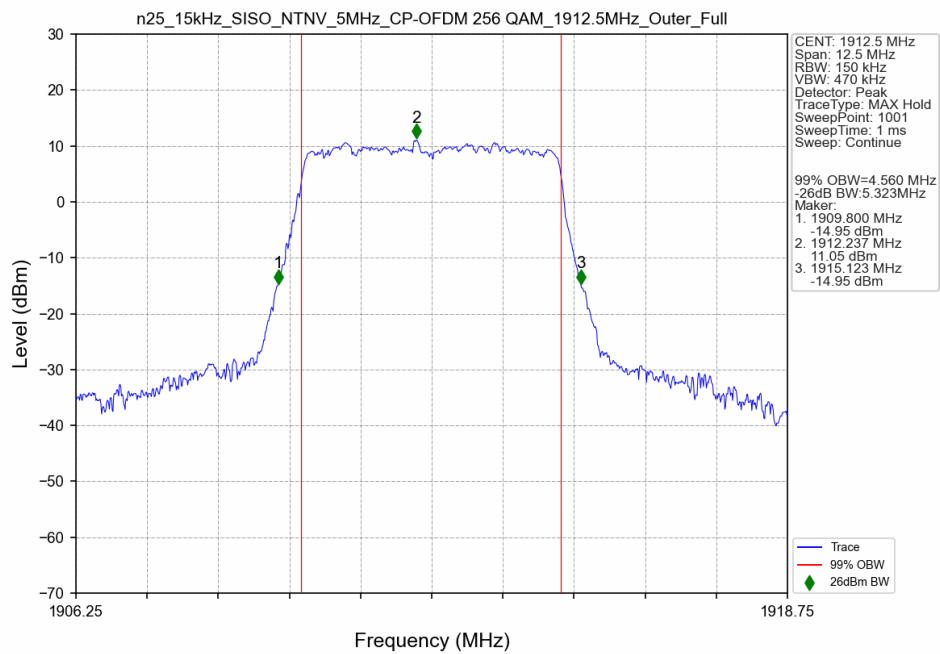


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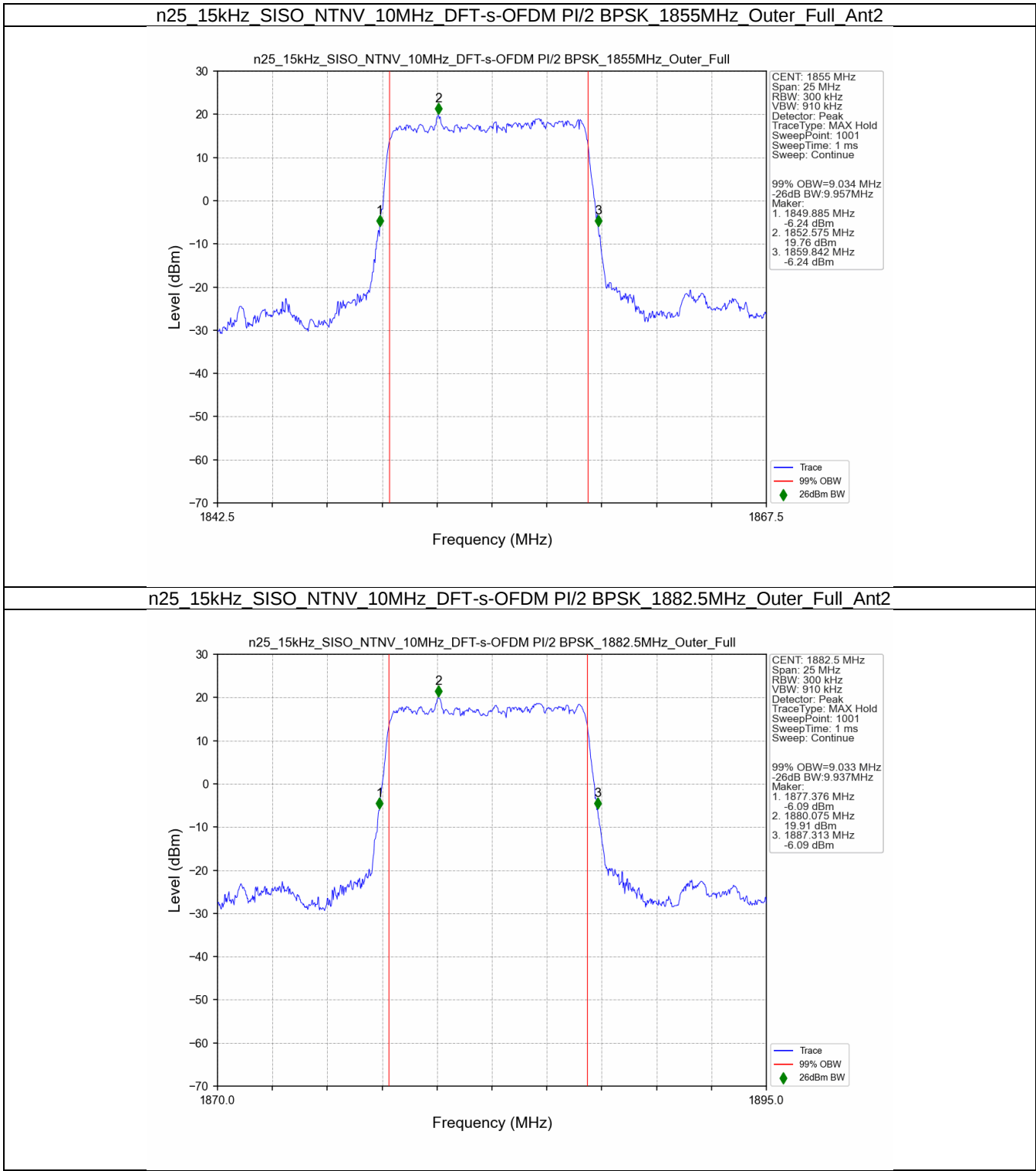


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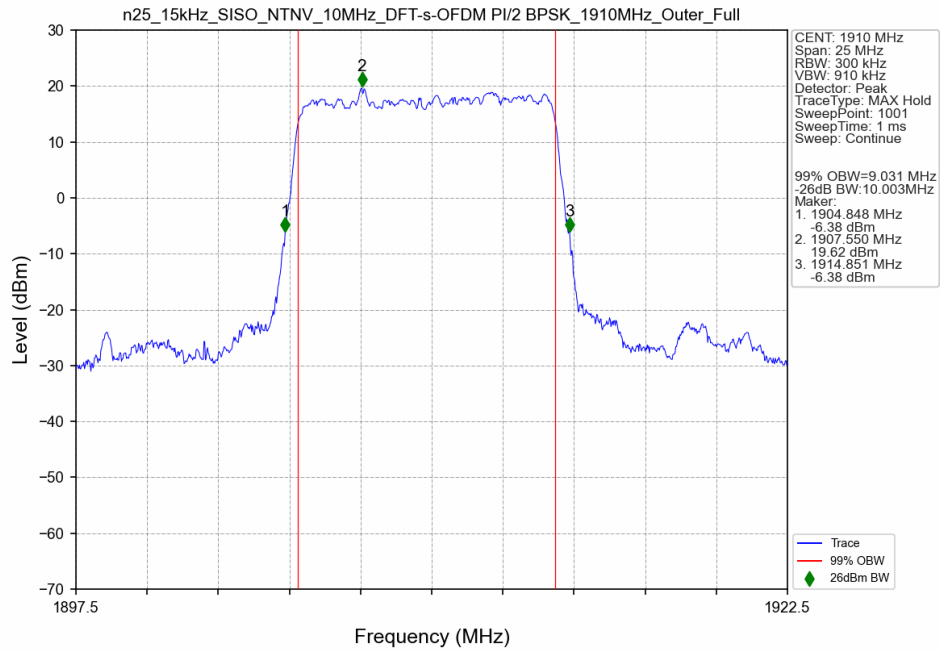




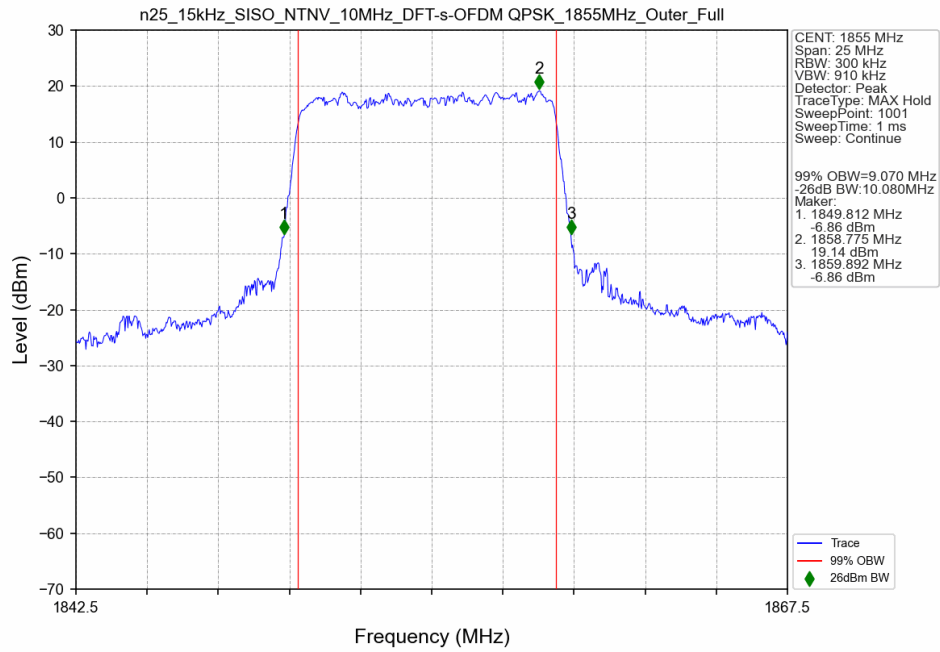
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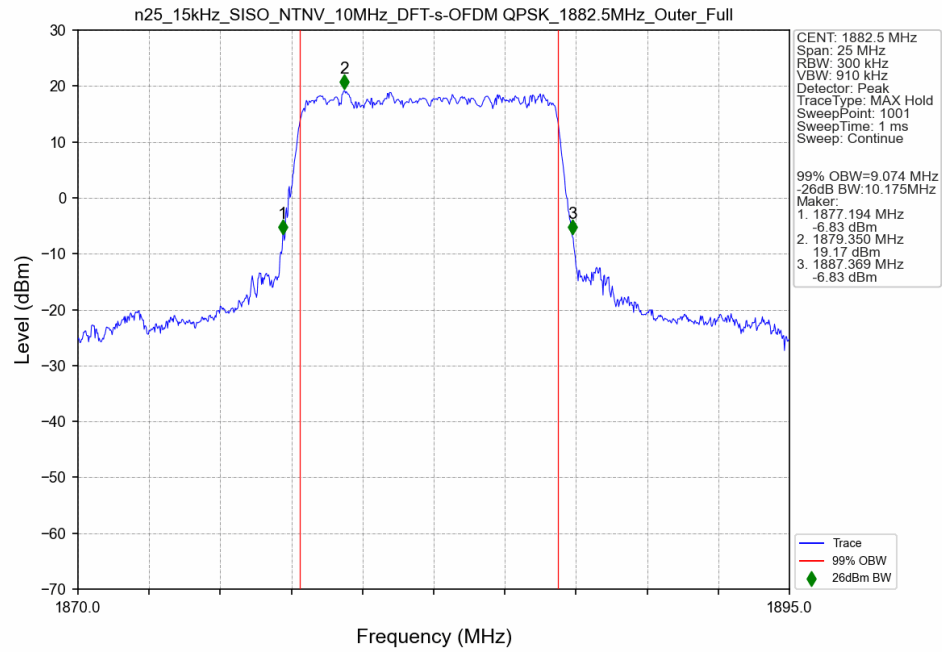
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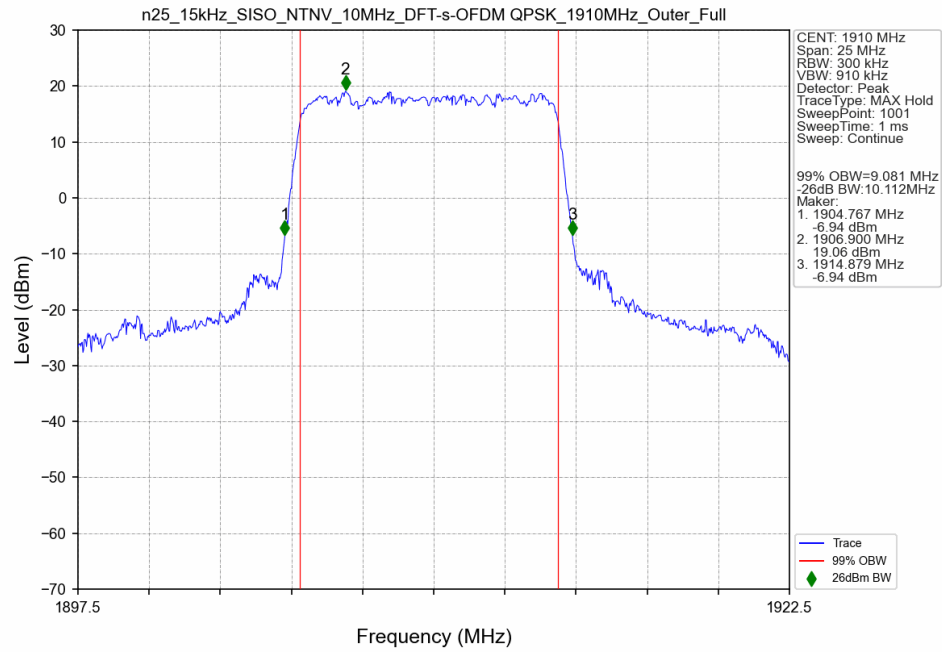
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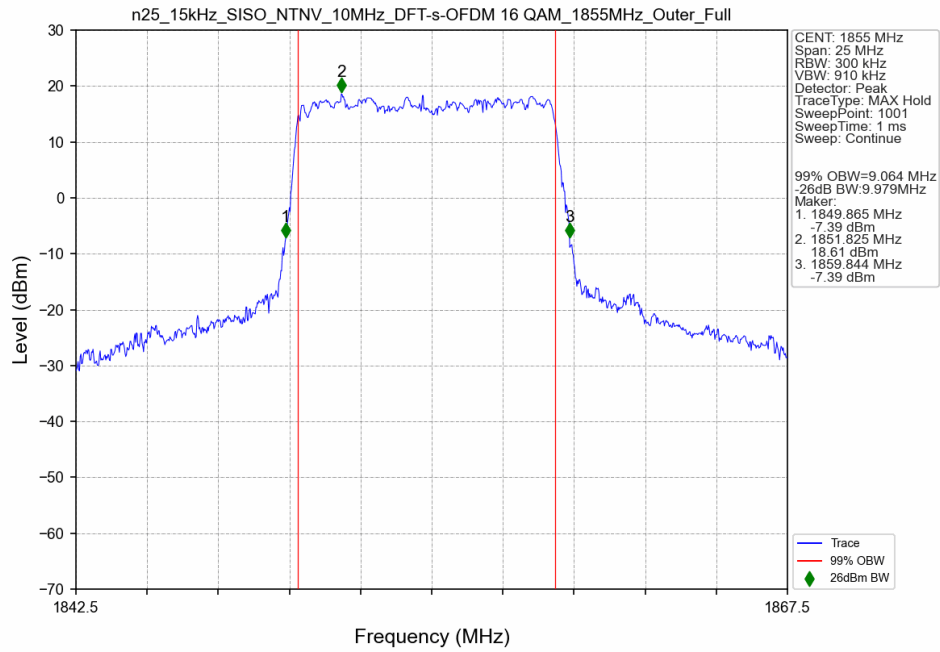
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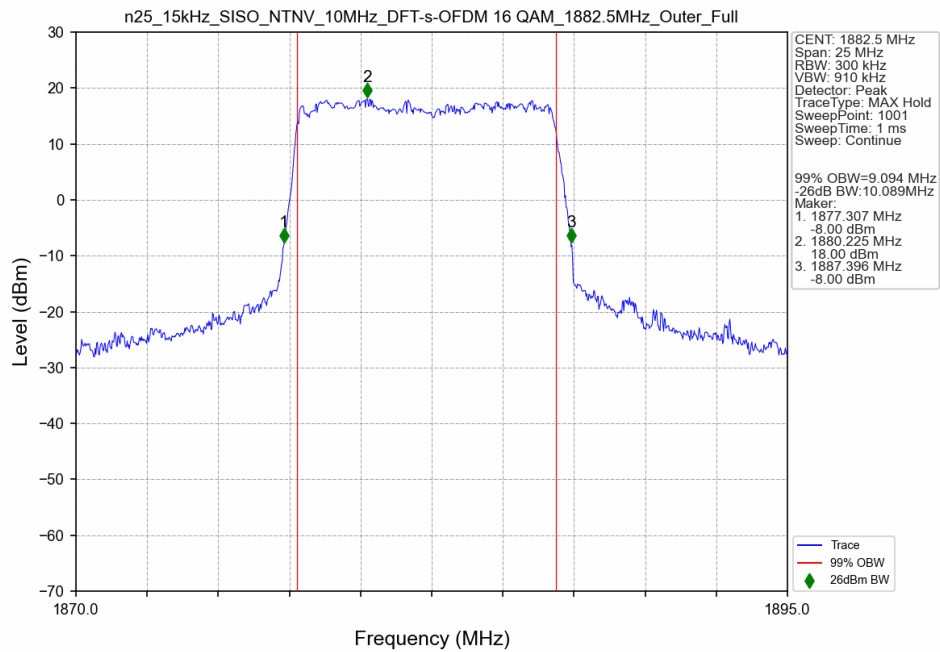
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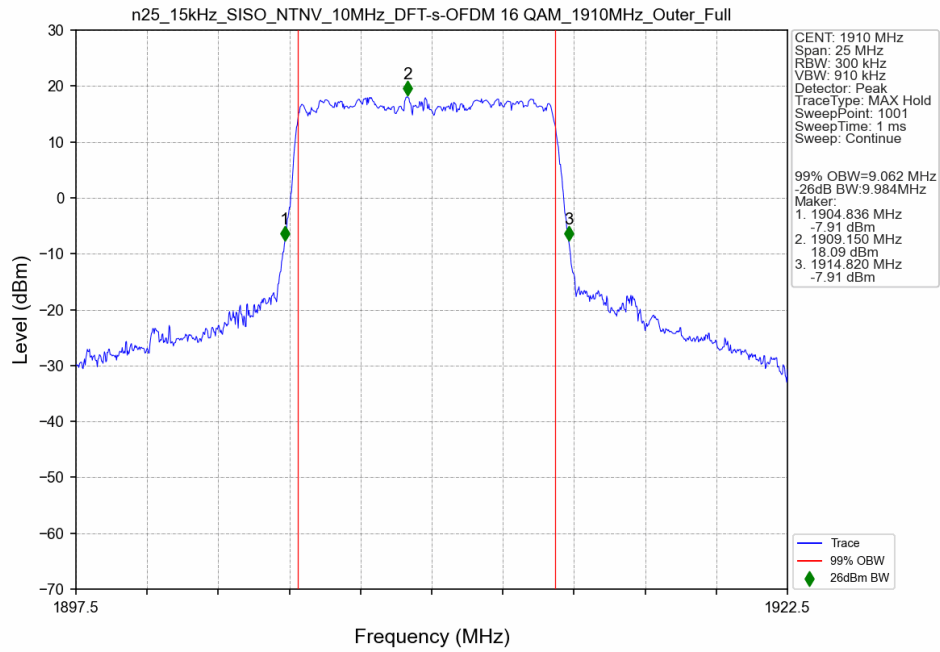
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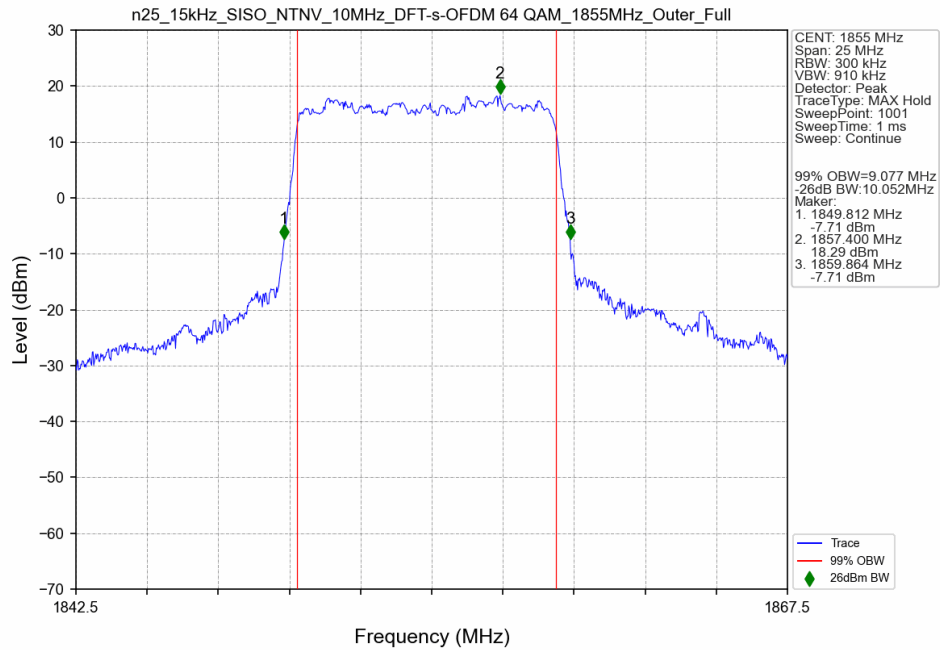
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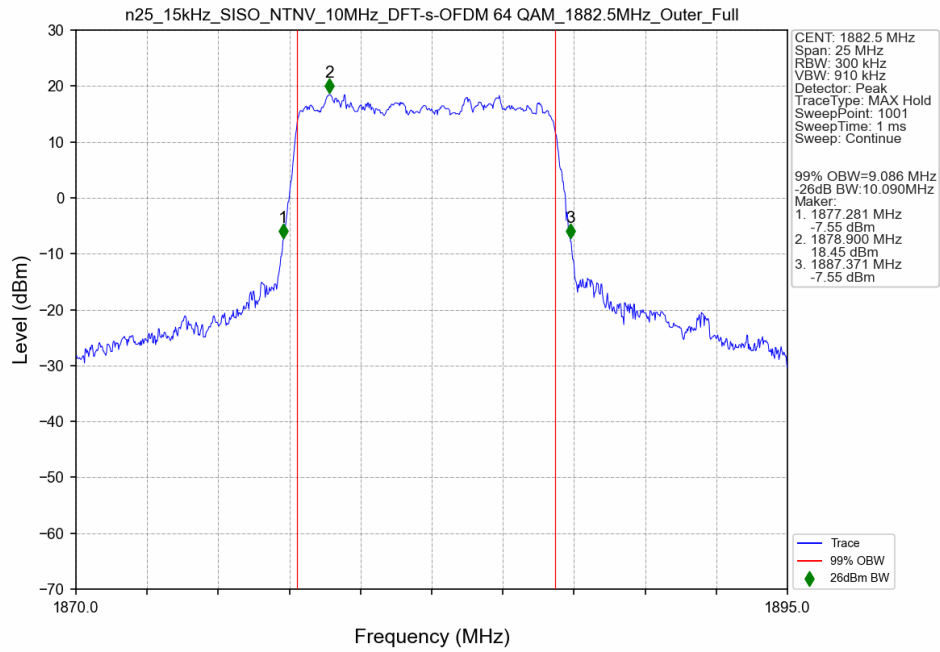
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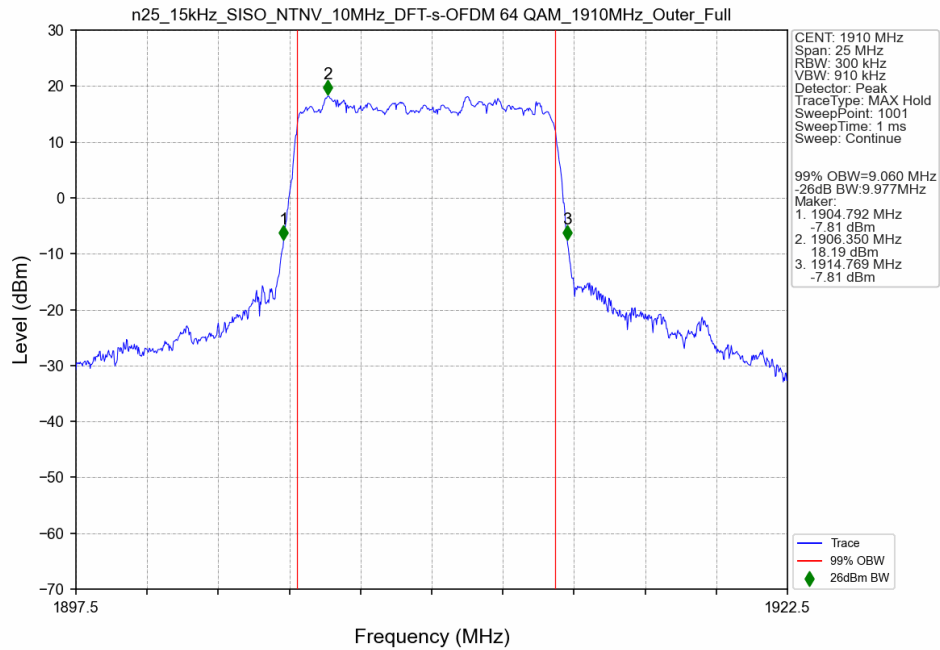
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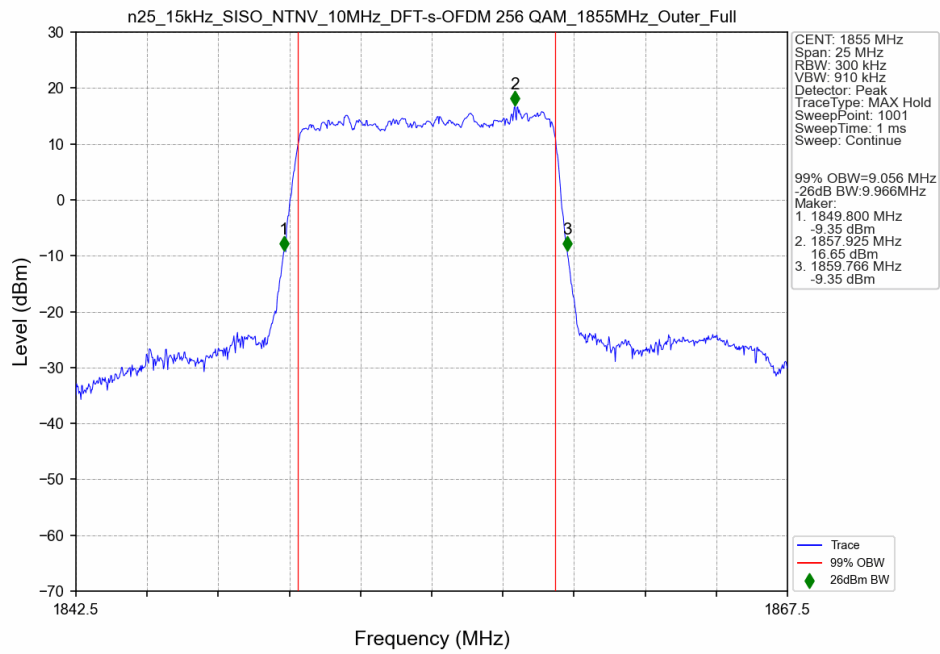
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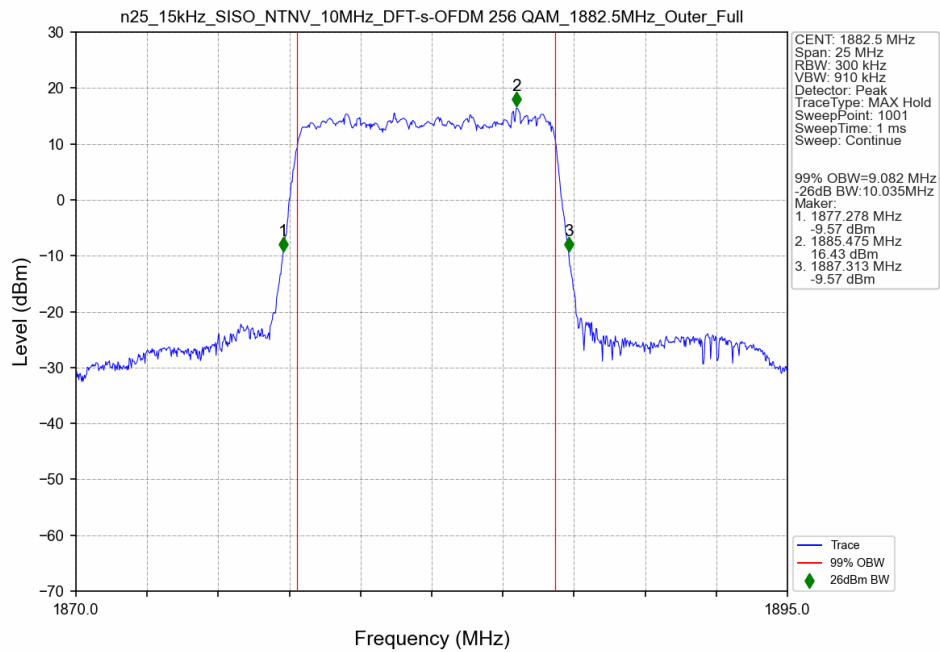
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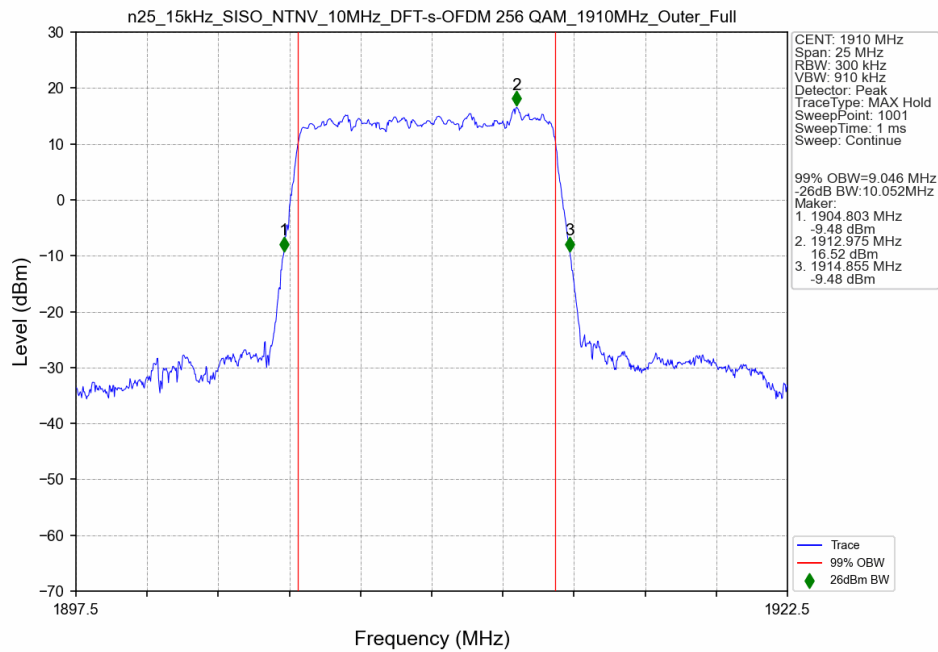
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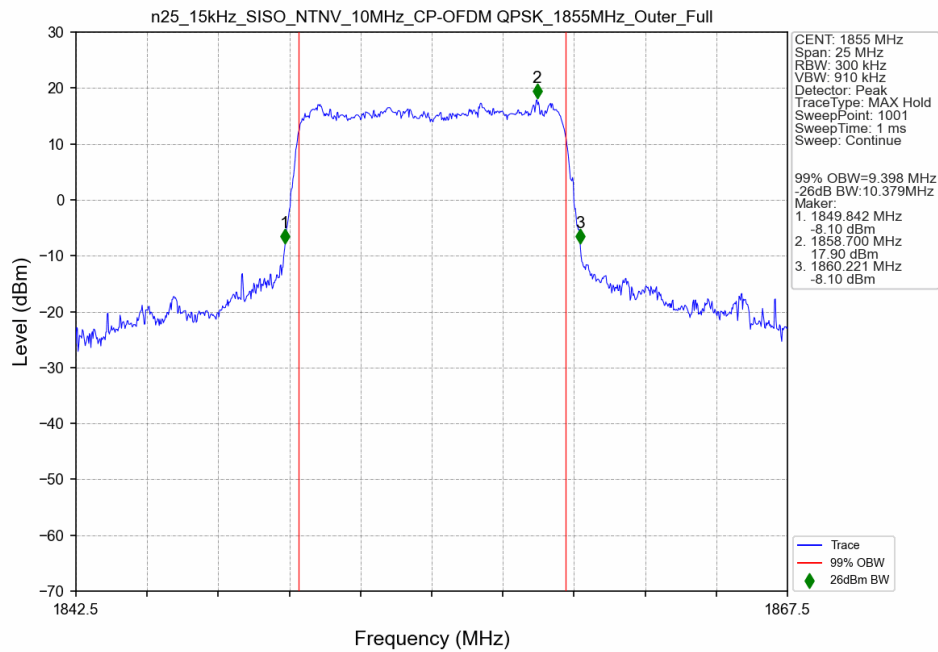
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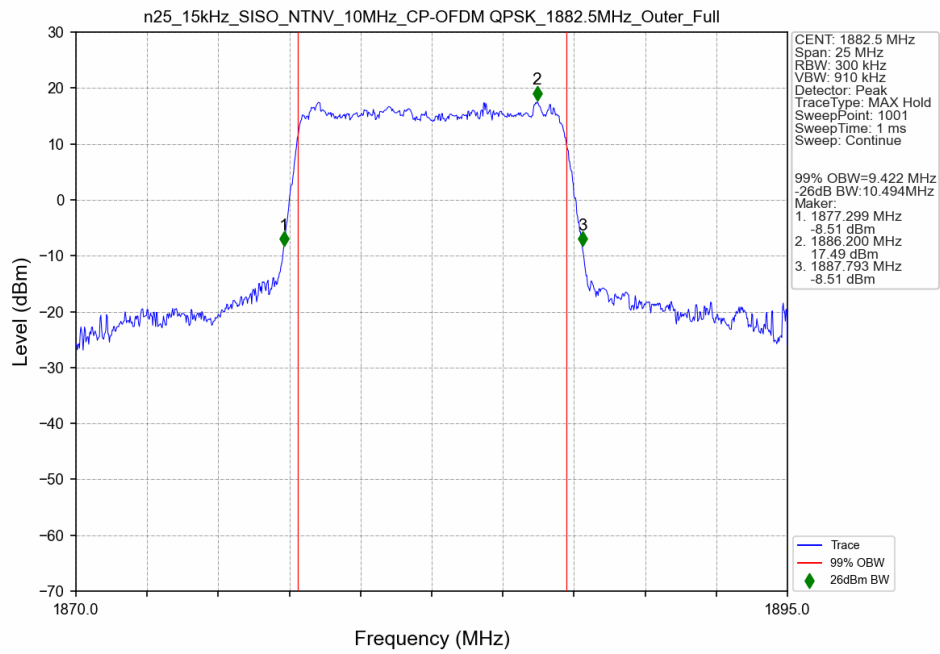
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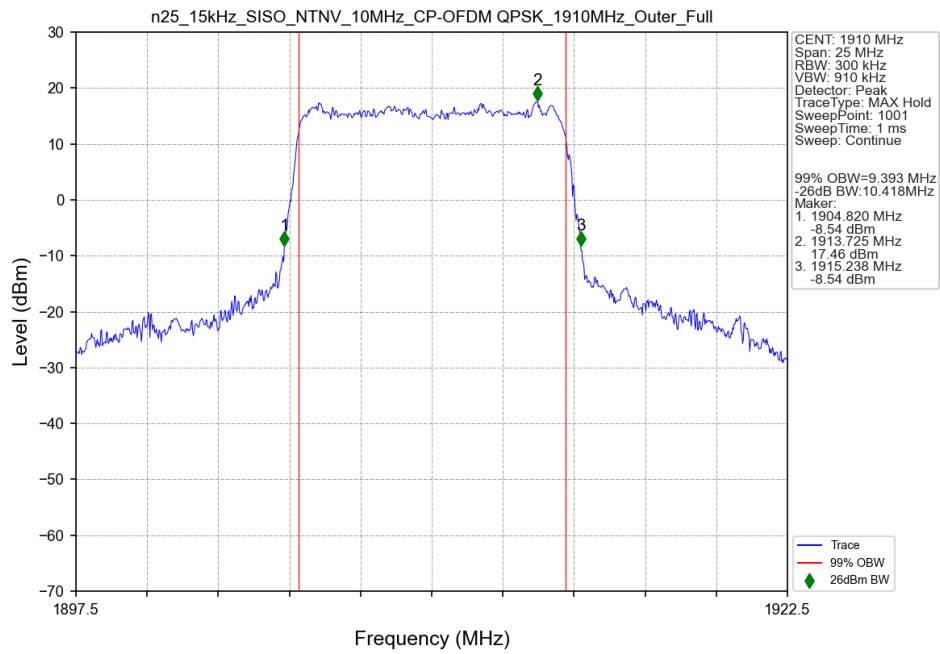
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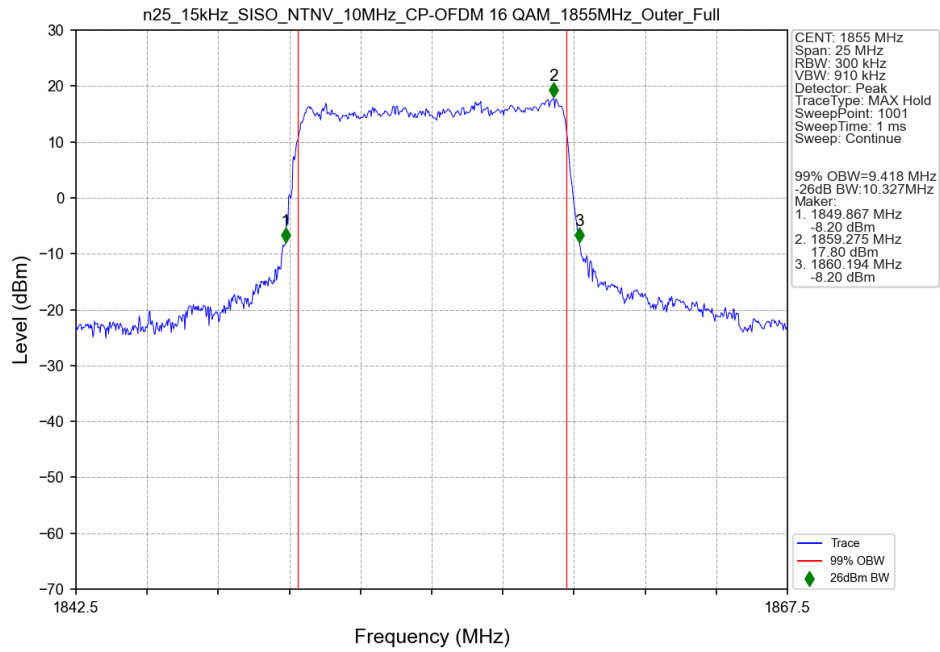
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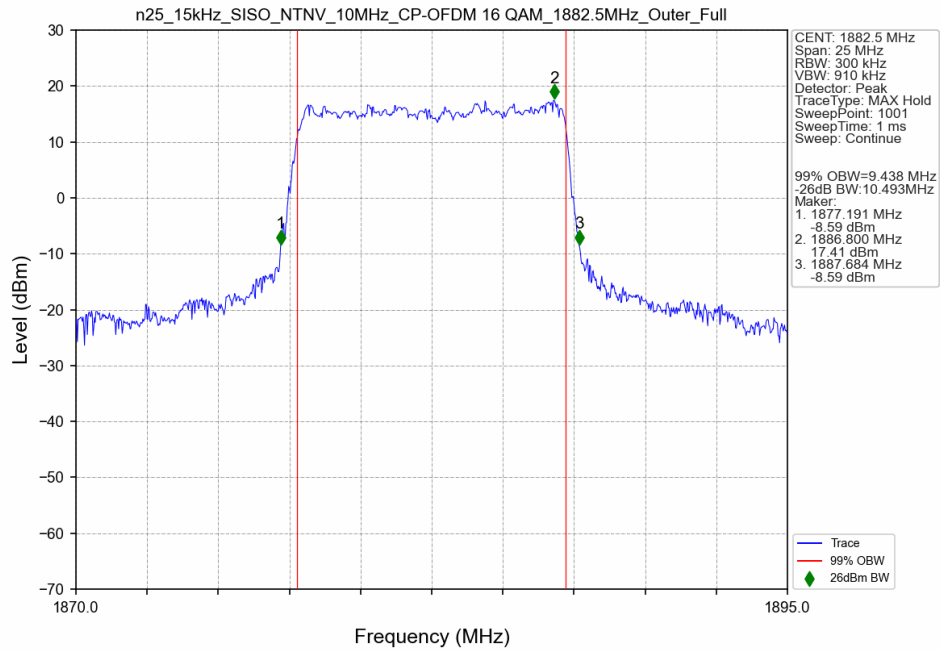
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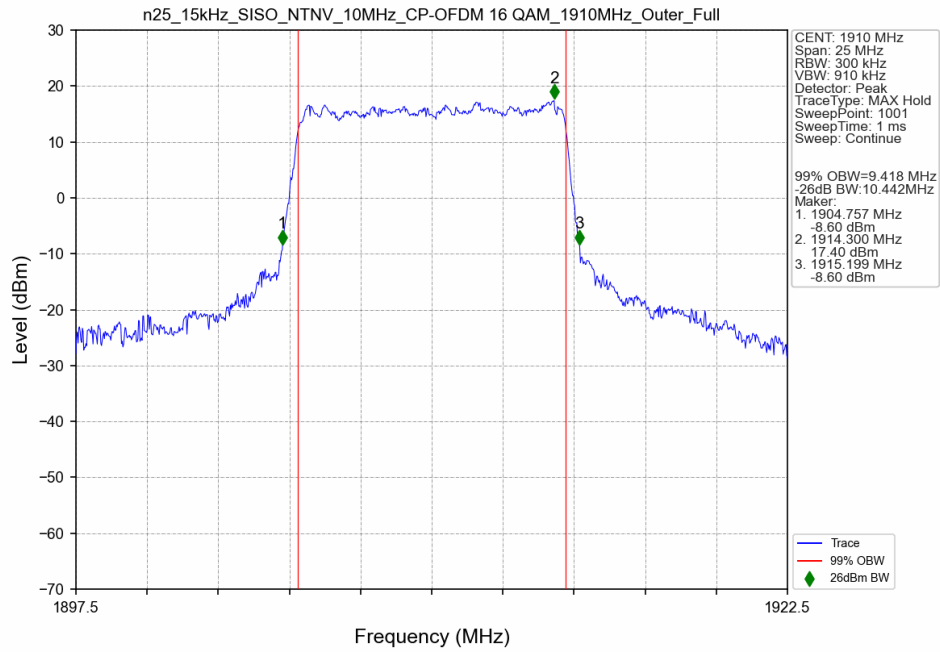
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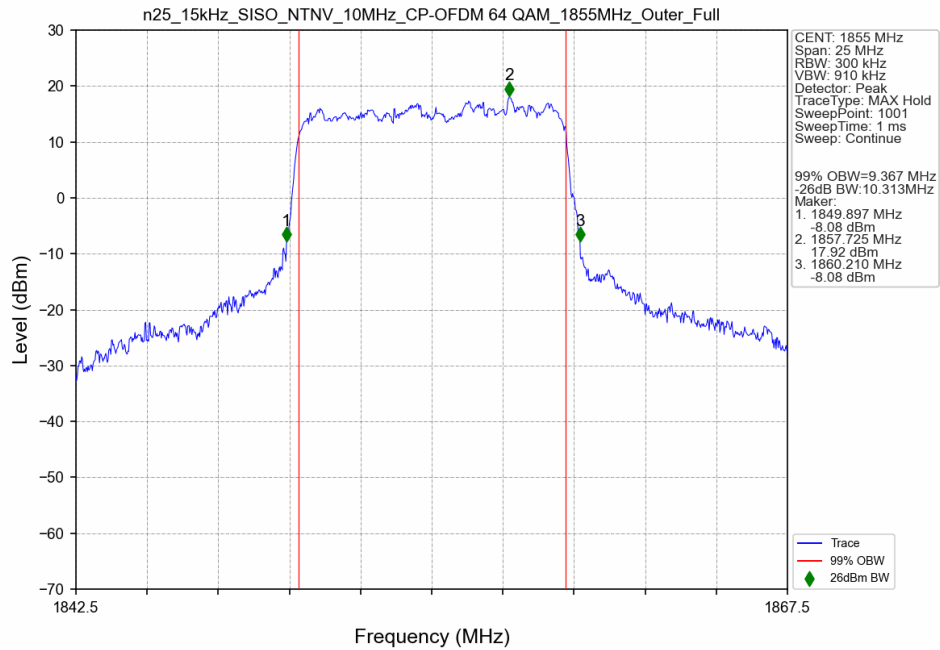
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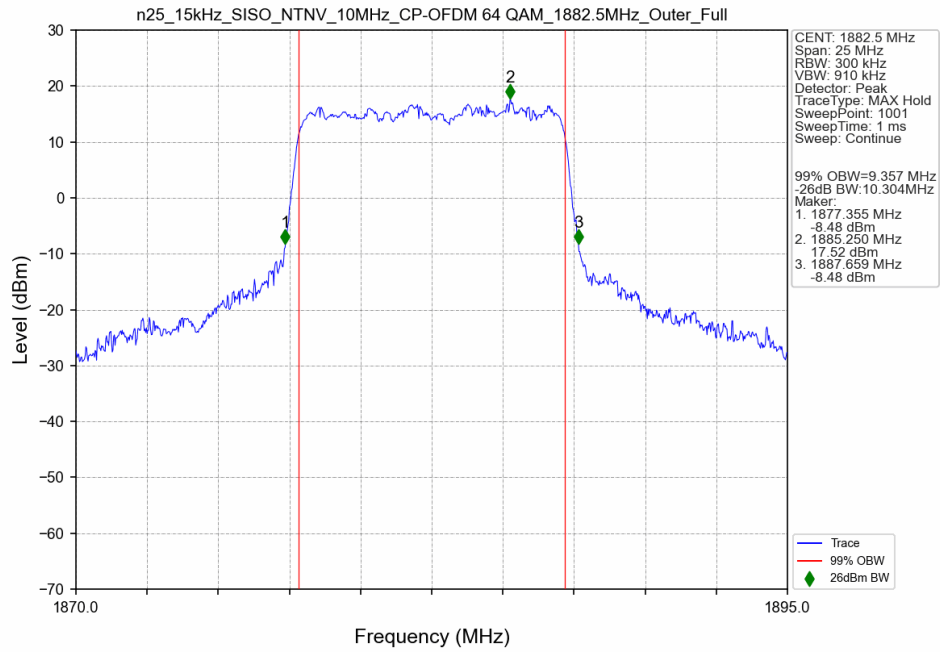
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n25_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_1855MHz_Outer_Full_Ant2



n25_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_1882.5MHz_Outer_Full_Ant2



n25_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_1910MHz_Outer_Full_Ant2

