

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 NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	19.07	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	18.78	/	/	20.33	/	/	<=33	Pass
		Outer_Full	19.03	/	/	20.58	/	/	<=33	Pass
		Inner_Full	19.44	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Left	19.37	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Right	19.40	/	/	20.95	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.09	/	/	20.64	/	/	<=33	Pass
		Edge_1RB_Right	19.14	/	/	20.69	/	/	<=33	Pass
		Outer_Full	19.15	/	/	20.70	/	/	<=33	Pass
		Inner_Full	19.65	/	/	21.20	/	/	<=33	Pass
		Inner_1RB_Left	19.79	/	/	21.34	/	/	<=33	Pass
		Inner_1RB_Right	19.64	/	/	21.19	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.43	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Right	18.37	/	/	19.92	/	/	<=33	Pass
		Outer_Full	19.13	/	/	20.68	/	/	<=33	Pass
		Inner_Full	19.76	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Left	19.78	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Right	18.81	/	/	20.36	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	18.16	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	18.08	/	/	19.63	/	/	<=33	Pass
		Outer_Full	17.94	/	/	19.49	/	/	<=33	Pass
		Inner_Full	18.44	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Left	18.65	/	/	20.20	/	/	<=33	Pass
		Inner_1RB_Right	18.54	/	/	20.09	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.24	/	/	19.79	/	/	<=33	Pass
		Edge_1RB_Right	18.13	/	/	19.68	/	/	<=33	Pass
		Outer_Full	17.99	/	/	19.54	/	/	<=33	Pass
		Inner_Full	18.50	/	/	20.05	/	/	<=33	Pass
		Inner_1RB_Left	18.75	/	/	20.30	/	/	<=33	Pass
		Inner_1RB_Right	18.60	/	/	20.15	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.45	/	/	20.00	/	/	<=33	Pass
		Edge_1RB_Right	17.40	/	/	18.95	/	/	<=33	Pass
		Outer_Full	17.91	/	/	19.46	/	/	<=33	Pass
		Inner_Full	18.60	/	/	20.15	/	/	<=33	Pass
		Inner_1RB_Left	18.88	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	17.85	/	/	19.40	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	17.83	/	/	19.38	/	/	<=33	Pass
		Edge_1RB_Right	17.71	/	/	19.26	/	/	<=33	Pass
		Outer_Full	17.44	/	/	18.99	/	/	<=33	Pass
		Inner_Full	17.44	/	/	18.99	/	/	<=33	Pass
		Inner_1RB_Left	17.80	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Right	17.69	/	/	19.24	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.06	/	/	19.61	/	/	<=33	Pass
		Edge_1RB_Right	17.89	/	/	19.44	/	/	<=33	Pass
		Outer_Full	17.61	/	/	19.16	/	/	<=33	Pass
		Inner_Full	17.60	/	/	19.15	/	/	<=33	Pass
		Inner_1RB_Left	18.02	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Right	17.92	/	/	19.47	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.20	/	/	19.75	/	/	<=33	Pass

		Edge 1RB Right	16.98	/	/	18.53	/	/	<=33	Pass
		Outer Full	17.67	/	/	19.22	/	/	<=33	Pass
		Inner Full	17.66	/	/	19.21	/	/	<=33	Pass
		Inner 1RB Left	18.15	/	/	19.70	/	/	<=33	Pass
		Inner 1RB Right	17.03	/	/	18.58	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge 1RB Left	16.24	/	/	17.79	/	/	<=33	Pass
		Edge 1RB Right	16.16	/	/	17.71	/	/	<=33	Pass
		Outer Full	16.12	/	/	17.67	/	/	<=33	Pass
		Inner Full	16.18	/	/	17.73	/	/	<=33	Pass
		Inner 1RB Left	16.23	/	/	17.78	/	/	<=33	Pass
		Inner 1RB Right	16.11	/	/	17.66	/	/	<=33	Pass
	1880	Edge 1RB Left	16.16	/	/	17.71	/	/	<=33	Pass
		Edge 1RB Right	16.06	/	/	17.61	/	/	<=33	Pass
		Outer Full	16.12	/	/	17.67	/	/	<=33	Pass
		Inner Full	16.05	/	/	17.60	/	/	<=33	Pass
		Inner 1RB Left	16.17	/	/	17.72	/	/	<=33	Pass
		Inner 1RB Right	16.03	/	/	17.58	/	/	<=33	Pass
	1907.5	Edge 1RB Left	16.29	/	/	17.84	/	/	<=33	Pass
		Edge 1RB Right	15.28	/	/	16.83	/	/	<=33	Pass
		Outer Full	15.96	/	/	17.51	/	/	<=33	Pass
		Inner Full	16.18	/	/	17.73	/	/	<=33	Pass
		Inner 1RB Left	16.31	/	/	17.86	/	/	<=33	Pass
		Inner 1RB Right	15.30	/	/	16.85	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge 1RB Left	17.56	/	/	19.11	/	/	<=33	Pass
		Edge 1RB Right	17.43	/	/	18.98	/	/	<=33	Pass
		Outer Full	17.55	/	/	19.10	/	/	<=33	Pass
		Inner Full	17.88	/	/	19.43	/	/	<=33	Pass
		Inner 1RB Left	17.99	/	/	19.54	/	/	<=33	Pass
		Inner 1RB Right	17.98	/	/	19.53	/	/	<=33	Pass
	1880	Edge 1RB Left	17.68	/	/	19.23	/	/	<=33	Pass
		Edge 1RB Right	17.55	/	/	19.10	/	/	<=33	Pass
		Outer Full	17.67	/	/	19.22	/	/	<=33	Pass
		Inner Full	17.87	/	/	19.42	/	/	<=33	Pass
		Inner 1RB Left	18.11	/	/	19.66	/	/	<=33	Pass
		Inner 1RB Right	17.96	/	/	19.51	/	/	<=33	Pass
	1907.5	Edge 1RB Left	17.84	/	/	19.39	/	/	<=33	Pass
		Edge 1RB Right	16.76	/	/	18.31	/	/	<=33	Pass
		Outer Full	17.66	/	/	19.21	/	/	<=33	Pass
		Inner Full	17.94	/	/	19.49	/	/	<=33	Pass
		Inner 1RB Left	18.15	/	/	19.70	/	/	<=33	Pass
		Inner 1RB Right	17.19	/	/	18.74	/	/	<=33	Pass
CP-OFDM 16 QAM	1852.5	Edge 1RB Left	17.21	/	/	18.76	/	/	<=33	Pass
		Edge 1RB Right	17.15	/	/	18.70	/	/	<=33	Pass
		Outer Full	16.95	/	/	18.50	/	/	<=33	Pass
		Inner Full	17.38	/	/	18.93	/	/	<=33	Pass
		Inner 1RB Left	17.69	/	/	19.24	/	/	<=33	Pass
		Inner 1RB Right	17.61	/	/	19.16	/	/	<=33	Pass
	1880	Edge 1RB Left	17.49	/	/	19.04	/	/	<=33	Pass
		Edge 1RB Right	17.35	/	/	18.90	/	/	<=33	Pass
		Outer Full	17.17	/	/	18.72	/	/	<=33	Pass
		Inner Full	17.60	/	/	19.15	/	/	<=33	Pass
		Inner 1RB Left	17.99	/	/	19.54	/	/	<=33	Pass
		Inner 1RB Right	17.84	/	/	19.39	/	/	<=33	Pass
	1907.5	Edge 1RB Left	17.66	/	/	19.21	/	/	<=33	Pass
		Edge 1RB Right	16.65	/	/	18.20	/	/	<=33	Pass
		Outer Full	17.09	/	/	18.64	/	/	<=33	Pass
		Inner Full	17.69	/	/	19.24	/	/	<=33	Pass
		Inner 1RB Left	18.18	/	/	19.73	/	/	<=33	Pass
		Inner 1RB Right	17.14	/	/	18.69	/	/	<=33	Pass

CP-OFDM 64 QAM	1852.5	Edge 1RB Left	16.97	/	/	18.52	/	/	<=33	Pass
		Edge 1RB Right	16.87	/	/	18.42	/	/	<=33	Pass
		Outer Full	16.65	/	/	18.20	/	/	<=33	Pass
		Inner Full	17.39	/	/	18.94	/	/	<=33	Pass
		Inner 1RB Left	17.72	/	/	19.27	/	/	<=33	Pass
		Inner 1RB Right	17.63	/	/	19.18	/	/	<=33	Pass
	1880	Edge 1RB Left	16.96	/	/	18.51	/	/	<=33	Pass
		Edge 1RB Right	16.84	/	/	18.39	/	/	<=33	Pass
		Outer Full	16.63	/	/	18.18	/	/	<=33	Pass
		Inner Full	17.58	/	/	19.13	/	/	<=33	Pass
		Inner 1RB Left	17.98	/	/	19.53	/	/	<=33	Pass
		Inner 1RB Right	17.82	/	/	19.37	/	/	<=33	Pass
	1907.5	Edge 1RB Left	17.28	/	/	18.83	/	/	<=33	Pass
		Edge 1RB Right	16.23	/	/	17.78	/	/	<=33	Pass
		Outer Full	16.61	/	/	18.16	/	/	<=33	Pass
		Inner Full	17.71	/	/	19.26	/	/	<=33	Pass
		Inner 1RB Left	18.30	/	/	19.85	/	/	<=33	Pass
		Inner 1RB Right	17.25	/	/	18.80	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Edge 1RB Left	14.25	/	/	15.80	/	/	<=33	Pass
		Edge 1RB Right	14.21	/	/	15.76	/	/	<=33	Pass
		Outer Full	14.00	/	/	15.55	/	/	<=33	Pass
		Inner Full	14.07	/	/	15.62	/	/	<=33	Pass
		Inner 1RB Left	14.24	/	/	15.79	/	/	<=33	Pass
		Inner 1RB Right	14.16	/	/	15.71	/	/	<=33	Pass
	1880	Edge 1RB Left	14.37	/	/	15.92	/	/	<=33	Pass
		Edge 1RB Right	14.26	/	/	15.81	/	/	<=33	Pass
		Outer Full	14.06	/	/	15.61	/	/	<=33	Pass
		Inner Full	14.13	/	/	15.68	/	/	<=33	Pass
		Inner 1RB Left	14.38	/	/	15.93	/	/	<=33	Pass
		Inner 1RB Right	14.27	/	/	15.82	/	/	<=33	Pass
	1907.5	Edge 1RB Left	14.63	/	/	16.18	/	/	<=33	Pass
		Edge 1RB Right	13.63	/	/	15.18	/	/	<=33	Pass
		Outer Full	14.11	/	/	15.66	/	/	<=33	Pass
		Inner Full	14.29	/	/	15.84	/	/	<=33	Pass
		Inner 1RB Left	14.63	/	/	16.18	/	/	<=33	Pass
		Inner 1RB Right	13.59	/	/	15.14	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.55dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Edge 1RB Left	19.99	/	/	21.54	/	/	<=33	Pass
		Edge 1RB Right	19.66	/	/	21.21	/	/	<=33	Pass
		Outer Full	19.41	/	/	20.96	/	/	<=33	Pass
		Inner Full	19.76	/	/	21.31	/	/	<=33	Pass
		Inner 1RB Left	19.77	/	/	21.32	/	/	<=33	Pass
		Inner 1RB Right	20.14	/	/	21.69	/	/	<=33	Pass
	1880	Edge 1RB Left	19.81	/	/	21.36	/	/	<=33	Pass
		Edge 1RB Right	19.50	/	/	21.05	/	/	<=33	Pass
		Outer Full	19.21	/	/	20.76	/	/	<=33	Pass
		Inner Full	19.62	/	/	21.17	/	/	<=33	Pass
		Inner 1RB Left	19.59	/	/	21.14	/	/	<=33	Pass
		Inner 1RB Right	19.97	/	/	21.52	/	/	<=33	Pass
	1905	Edge 1RB Left	19.64	/	/	21.19	/	/	<=33	Pass
		Edge 1RB Right	18.46	/	/	20.01	/	/	<=33	Pass

		Outer Full	19.16	/	/	20.71	/	/	<=33	Pass
		Inner Full	19.48	/	/	21.03	/	/	<=33	Pass
		Inner 1RB Left	19.48	/	/	21.03	/	/	<=33	Pass
		Inner 1RB Right	19.13	/	/	20.68	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge 1RB Left	19.01	/	/	20.56	/	/	<=33	Pass
		Edge 1RB Right	18.61	/	/	20.16	/	/	<=33	Pass
		Outer Full	18.16	/	/	19.71	/	/	<=33	Pass
		Inner Full	18.59	/	/	20.14	/	/	<=33	Pass
		Inner 1RB Left	18.75	/	/	20.30	/	/	<=33	Pass
		Inner 1RB Right	19.12	/	/	20.67	/	/	<=33	Pass
	1880	Edge 1RB Left	18.81	/	/	20.36	/	/	<=33	Pass
		Edge 1RB Right	18.50	/	/	20.05	/	/	<=33	Pass
		Outer Full	18.03	/	/	19.58	/	/	<=33	Pass
		Inner Full	18.50	/	/	20.05	/	/	<=33	Pass
		Inner 1RB Left	18.60	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Right	18.97	/	/	20.52	/	/	<=33	Pass
	1905	Edge 1RB Left	18.69	/	/	20.24	/	/	<=33	Pass
		Edge 1RB Right	17.46	/	/	19.01	/	/	<=33	Pass
		Outer Full	17.77	/	/	19.32	/	/	<=33	Pass
		Inner Full	18.35	/	/	19.90	/	/	<=33	Pass
		Inner 1RB Left	18.44	/	/	19.99	/	/	<=33	Pass
		Inner 1RB Right	18.11	/	/	19.66	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge 1RB Left	18.71	/	/	20.26	/	/	<=33	Pass
		Edge 1RB Right	18.30	/	/	19.85	/	/	<=33	Pass
		Outer Full	17.90	/	/	19.45	/	/	<=33	Pass
		Inner Full	17.59	/	/	19.14	/	/	<=33	Pass
		Inner 1RB Left	17.91	/	/	19.46	/	/	<=33	Pass
		Inner 1RB Right	18.25	/	/	19.80	/	/	<=33	Pass
	1880	Edge 1RB Left	18.56	/	/	20.11	/	/	<=33	Pass
		Edge 1RB Right	18.19	/	/	19.74	/	/	<=33	Pass
		Outer Full	17.64	/	/	19.19	/	/	<=33	Pass
		Inner Full	17.63	/	/	19.18	/	/	<=33	Pass
		Inner 1RB Left	17.79	/	/	19.34	/	/	<=33	Pass
		Inner 1RB Right	18.15	/	/	19.70	/	/	<=33	Pass
	1905	Edge 1RB Left	18.54	/	/	20.09	/	/	<=33	Pass
		Edge 1RB Right	17.33	/	/	18.88	/	/	<=33	Pass
		Outer Full	17.55	/	/	19.10	/	/	<=33	Pass
		Inner Full	17.58	/	/	19.13	/	/	<=33	Pass
		Inner 1RB Left	17.84	/	/	19.39	/	/	<=33	Pass
		Inner 1RB Right	17.50	/	/	19.05	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge 1RB Left	17.03	/	/	18.58	/	/	<=33	Pass
		Edge 1RB Right	16.65	/	/	18.20	/	/	<=33	Pass
		Outer Full	16.25	/	/	17.80	/	/	<=33	Pass
		Inner Full	16.20	/	/	17.75	/	/	<=33	Pass
		Inner 1RB Left	16.24	/	/	17.79	/	/	<=33	Pass
		Inner 1RB Right	16.63	/	/	18.18	/	/	<=33	Pass
	1880	Edge 1RB Left	16.84	/	/	18.39	/	/	<=33	Pass
		Edge 1RB Right	16.48	/	/	18.03	/	/	<=33	Pass
		Outer Full	16.11	/	/	17.66	/	/	<=33	Pass
		Inner Full	16.04	/	/	17.59	/	/	<=33	Pass
		Inner 1RB Left	16.05	/	/	17.60	/	/	<=33	Pass
		Inner 1RB Right	16.48	/	/	18.03	/	/	<=33	Pass
	1905	Edge 1RB Left	16.71	/	/	18.26	/	/	<=33	Pass
		Edge 1RB Right	15.47	/	/	17.02	/	/	<=33	Pass
		Outer Full	16.02	/	/	17.57	/	/	<=33	Pass
		Inner Full	15.90	/	/	17.45	/	/	<=33	Pass
		Inner 1RB Left	15.93	/	/	17.48	/	/	<=33	Pass
		Inner 1RB Right	15.60	/	/	17.15	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge 1RB Left	18.36	/	/	19.91	/	/	<=33	Pass

		Edge 1RB Right	18.07	/	/	19.62	/	/	<=33	Pass
		Outer Full	17.81	/	/	19.36	/	/	<=33	Pass
		Inner Full	18.11	/	/	19.66	/	/	<=33	Pass
		Inner 1RB Left	18.03	/	/	19.58	/	/	<=33	Pass
		Inner 1RB Right	18.52	/	/	20.07	/	/	<=33	Pass
	1880	Edge 1RB Left	18.35	/	/	19.90	/	/	<=33	Pass
		Edge 1RB Right	17.96	/	/	19.51	/	/	<=33	Pass
		Outer Full	17.78	/	/	19.33	/	/	<=33	Pass
		Inner Full	17.96	/	/	19.51	/	/	<=33	Pass
		Inner 1RB Left	17.87	/	/	19.42	/	/	<=33	Pass
	1905	Inner 1RB Right	18.23	/	/	19.78	/	/	<=33	Pass
		Edge 1RB Left	18.24	/	/	19.79	/	/	<=33	Pass
		Edge 1RB Right	17.01	/	/	18.56	/	/	<=33	Pass
		Outer Full	17.67	/	/	19.22	/	/	<=33	Pass
		Inner Full	17.82	/	/	19.37	/	/	<=33	Pass
CP-OFDM 16 QAM		Inner 1RB Left	17.83	/	/	19.38	/	/	<=33	Pass
		Inner 1RB Right	17.46	/	/	19.01	/	/	<=33	Pass
	1855	Edge 1RB Left	18.21	/	/	19.76	/	/	<=33	Pass
		Edge 1RB Right	17.87	/	/	19.42	/	/	<=33	Pass
		Outer Full	17.33	/	/	18.88	/	/	<=33	Pass
		Inner Full	17.64	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Left	17.91	/	/	19.46	/	/	<=33	Pass
	1880	Inner 1RB Right	18.31	/	/	19.86	/	/	<=33	Pass
		Edge 1RB Left	18.11	/	/	19.66	/	/	<=33	Pass
		Edge 1RB Right	17.75	/	/	19.30	/	/	<=33	Pass
		Outer Full	17.29	/	/	18.84	/	/	<=33	Pass
		Inner Full	17.63	/	/	19.18	/	/	<=33	Pass
	1905	Inner 1RB Left	17.86	/	/	19.41	/	/	<=33	Pass
		Inner 1RB Right	18.19	/	/	19.74	/	/	<=33	Pass
		Edge 1RB Left	17.94	/	/	19.49	/	/	<=33	Pass
		Edge 1RB Right	16.72	/	/	18.27	/	/	<=33	Pass
		Outer Full	17.08	/	/	18.63	/	/	<=33	Pass
CP-OFDM 64 QAM		Inner Full	17.57	/	/	19.12	/	/	<=33	Pass
		Inner 1RB Left	17.76	/	/	19.31	/	/	<=33	Pass
		Inner 1RB Right	17.41	/	/	18.96	/	/	<=33	Pass
	1855	Edge 1RB Left	17.93	/	/	19.48	/	/	<=33	Pass
		Edge 1RB Right	17.61	/	/	19.16	/	/	<=33	Pass
		Outer Full	16.93	/	/	18.48	/	/	<=33	Pass
		Inner Full	17.69	/	/	19.24	/	/	<=33	Pass
		Inner 1RB Left	18.06	/	/	19.61	/	/	<=33	Pass
	1880	Inner 1RB Right	18.45	/	/	20.00	/	/	<=33	Pass
		Edge 1RB Left	17.79	/	/	19.34	/	/	<=33	Pass
		Edge 1RB Right	17.42	/	/	18.97	/	/	<=33	Pass
		Outer Full	16.75	/	/	18.30	/	/	<=33	Pass
		Inner Full	17.69	/	/	19.24	/	/	<=33	Pass
	1905	Inner 1RB Left	18.07	/	/	19.62	/	/	<=33	Pass
		Inner 1RB Right	18.40	/	/	19.95	/	/	<=33	Pass
		Edge 1RB Left	17.68	/	/	19.23	/	/	<=33	Pass
		Edge 1RB Right	16.45	/	/	18.00	/	/	<=33	Pass
		Outer Full	16.62	/	/	18.17	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Inner Full	17.61	/	/	19.16	/	/	<=33	Pass
		Inner 1RB Left	17.95	/	/	19.50	/	/	<=33	Pass
		Inner 1RB Right	17.62	/	/	19.17	/	/	<=33	Pass
		Edge 1RB Left	15.23	/	/	16.78	/	/	<=33	Pass
		Edge 1RB Right	14.86	/	/	16.41	/	/	<=33	Pass
		Outer Full	14.40	/	/	15.95	/	/	<=33	Pass
		Inner Full	14.35	/	/	15.90	/	/	<=33	Pass
		Inner 1RB Left	14.46	/	/	16.01	/	/	<=33	Pass
		Inner 1RB Right	14.87	/	/	16.42	/	/	<=33	Pass

	1880	Edge 1RB Left	15.13	/	/	16.68	/	/	<=33	Pass
		Edge 1RB Right	14.58	/	/	16.13	/	/	<=33	Pass
		Outer Full	14.25	/	/	15.80	/	/	<=33	Pass
		Inner Full	14.02	/	/	15.57	/	/	<=33	Pass
		Inner 1RB Left	14.35	/	/	15.90	/	/	<=33	Pass
		Inner 1RB Right	14.72	/	/	16.27	/	/	<=33	Pass
	1905	Edge 1RB Left	14.88	/	/	16.43	/	/	<=33	Pass
		Edge 1RB Right	13.68	/	/	15.23	/	/	<=33	Pass
		Outer Full	14.01	/	/	15.56	/	/	<=33	Pass
		Inner Full	14.03	/	/	15.58	/	/	<=33	Pass
		Inner 1RB Left	14.15	/	/	15.70	/	/	<=33	Pass
		Inner 1RB Right	13.82	/	/	15.37	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.55dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Edge 1RB Left	19.89	/	/	21.44	/	/	<=33	Pass
		Edge 1RB Right	19.44	/	/	20.99	/	/	<=33	Pass
		Outer Full	19.08	/	/	20.63	/	/	<=33	Pass
		Inner Full	19.16	/	/	20.71	/	/	<=33	Pass
		Inner 1RB Left	20.20	/	/	21.75	/	/	<=33	Pass
		Inner 1RB Right	19.95	/	/	21.50	/	/	<=33	Pass
	1880	Edge 1RB Left	19.99	/	/	21.54	/	/	<=33	Pass
		Edge 1RB Right	19.83	/	/	21.38	/	/	<=33	Pass
		Outer Full	19.44	/	/	20.99	/	/	<=33	Pass
		Inner Full	19.75	/	/	21.30	/	/	<=33	Pass
		Inner 1RB Left	20.28	/	/	21.83	/	/	<=33	Pass
		Inner 1RB Right	20.39	/	/	21.94	/	/	<=33	Pass
	1902.5	Edge 1RB Left	20.32	/	/	21.87	/	/	<=33	Pass
		Edge 1RB Right	19.56	/	/	21.11	/	/	<=33	Pass
		Outer Full	19.45	/	/	21.00	/	/	<=33	Pass
		Inner Full	19.62	/	/	21.17	/	/	<=33	Pass
		Inner 1RB Left	20.57	/	/	22.12	/	/	<=33	Pass
		Inner 1RB Right	20.17	/	/	21.72	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge 1RB Left	18.92	/	/	20.47	/	/	<=33	Pass
		Edge 1RB Right	18.41	/	/	19.96	/	/	<=33	Pass
		Outer Full	17.85	/	/	19.40	/	/	<=33	Pass
		Inner Full	18.04	/	/	19.59	/	/	<=33	Pass
		Inner 1RB Left	19.17	/	/	20.72	/	/	<=33	Pass
		Inner 1RB Right	18.96	/	/	20.51	/	/	<=33	Pass
	1880	Edge 1RB Left	19.04	/	/	20.59	/	/	<=33	Pass
		Edge 1RB Right	18.84	/	/	20.39	/	/	<=33	Pass
		Outer Full	18.13	/	/	19.68	/	/	<=33	Pass
		Inner Full	18.49	/	/	20.04	/	/	<=33	Pass
		Inner 1RB Left	19.36	/	/	20.91	/	/	<=33	Pass
		Inner 1RB Right	19.33	/	/	20.88	/	/	<=33	Pass
	1902.5	Edge 1RB Left	19.23	/	/	20.78	/	/	<=33	Pass
		Edge 1RB Right	18.54	/	/	20.09	/	/	<=33	Pass
		Outer Full	18.18	/	/	19.73	/	/	<=33	Pass
		Inner Full	18.49	/	/	20.04	/	/	<=33	Pass
		Inner 1RB Left	19.52	/	/	21.07	/	/	<=33	Pass
		Inner 1RB Right	19.14	/	/	20.69	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge 1RB Left	18.67	/	/	20.22	/	/	<=33	Pass
		Edge 1RB Right	18.17	/	/	19.72	/	/	<=33	Pass

		Outer Full	17.44	/	/	18.99	/	/	<=33	Pass
		Inner Full	17.16	/	/	18.71	/	/	<=33	Pass
		Inner 1RB Left	18.46	/	/	20.01	/	/	<=33	Pass
		Inner 1RB Right	18.23	/	/	19.78	/	/	<=33	Pass
	1880	Edge 1RB Left	18.89	/	/	20.44	/	/	<=33	Pass
		Edge 1RB Right	18.62	/	/	20.17	/	/	<=33	Pass
		Outer Full	17.88	/	/	19.43	/	/	<=33	Pass
		Inner Full	17.72	/	/	19.27	/	/	<=33	Pass
		Inner 1RB Left	18.60	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Right	18.63	/	/	20.18	/	/	<=33	Pass
		Edge 1RB Left	19.08	/	/	20.63	/	/	<=33	Pass
		Edge 1RB Right	18.42	/	/	19.97	/	/	<=33	Pass
	1902.5	Outer Full	17.97	/	/	19.52	/	/	<=33	Pass
		Inner Full	17.64	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Left	18.91	/	/	20.46	/	/	<=33	Pass
		Inner 1RB Right	18.55	/	/	20.10	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge 1RB Left	16.91	/	/	18.46	/	/	<=33	Pass
		Edge 1RB Right	16.40	/	/	17.95	/	/	<=33	Pass
		Outer Full	16.05	/	/	17.60	/	/	<=33	Pass
		Inner Full	15.67	/	/	17.22	/	/	<=33	Pass
		Inner 1RB Left	16.70	/	/	18.25	/	/	<=33	Pass
		Inner 1RB Right	16.57	/	/	18.12	/	/	<=33	Pass
	1880	Edge 1RB Left	17.11	/	/	18.66	/	/	<=33	Pass
		Edge 1RB Right	16.92	/	/	18.47	/	/	<=33	Pass
		Outer Full	16.30	/	/	17.85	/	/	<=33	Pass
		Inner Full	16.16	/	/	17.71	/	/	<=33	Pass
	1902.5	Inner 1RB Left	16.90	/	/	18.45	/	/	<=33	Pass
		Inner 1RB Right	16.87	/	/	18.42	/	/	<=33	Pass
		Edge 1RB Left	17.26	/	/	18.81	/	/	<=33	Pass
		Edge 1RB Right	16.53	/	/	18.08	/	/	<=33	Pass
		Outer Full	16.36	/	/	17.91	/	/	<=33	Pass
		Inner Full	16.12	/	/	17.67	/	/	<=33	Pass
		Inner 1RB Left	17.00	/	/	18.55	/	/	<=33	Pass
		Inner 1RB Right	16.67	/	/	18.22	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge 1RB Left	18.29	/	/	19.84	/	/	<=33	Pass
		Edge 1RB Right	17.84	/	/	19.39	/	/	<=33	Pass
		Outer Full	17.55	/	/	19.10	/	/	<=33	Pass
		Inner Full	17.64	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Left	18.44	/	/	19.99	/	/	<=33	Pass
		Inner 1RB Right	18.33	/	/	19.88	/	/	<=33	Pass
	1880	Edge 1RB Left	18.82	/	/	20.37	/	/	<=33	Pass
		Edge 1RB Right	18.51	/	/	20.06	/	/	<=33	Pass
		Outer Full	18.09	/	/	19.64	/	/	<=33	Pass
		Inner Full	18.10	/	/	19.65	/	/	<=33	Pass
		Inner 1RB Left	18.92	/	/	20.47	/	/	<=33	Pass
		Inner 1RB Right	18.68	/	/	20.23	/	/	<=33	Pass
	1902.5	Edge 1RB Left	18.58	/	/	20.13	/	/	<=33	Pass
		Edge 1RB Right	17.94	/	/	19.49	/	/	<=33	Pass
		Outer Full	18.02	/	/	19.57	/	/	<=33	Pass
		Inner Full	18.02	/	/	19.57	/	/	<=33	Pass
		Inner 1RB Left	18.73	/	/	20.28	/	/	<=33	Pass
		Inner 1RB Right	18.28	/	/	19.83	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge 1RB Left	18.12	/	/	19.67	/	/	<=33	Pass
		Edge 1RB Right	17.65	/	/	19.20	/	/	<=33	Pass
		Outer Full	17.04	/	/	18.59	/	/	<=33	Pass
		Inner Full	17.19	/	/	18.74	/	/	<=33	Pass
		Inner 1RB Left	18.36	/	/	19.91	/	/	<=33	Pass
		Inner 1RB Right	18.19	/	/	19.74	/	/	<=33	Pass
	1880	Edge 1RB Left	18.53	/	/	20.08	/	/	<=33	Pass

		Edge 1RB Right	18.26	/	/	19.81	/	/	<=33	Pass
		Outer Full	17.53	/	/	19.08	/	/	<=33	Pass
		Inner Full	17.79	/	/	19.34	/	/	<=33	Pass
		Inner_1RB_Left	18.81	/	/	20.36	/	/	<=33	Pass
		Inner 1RB Right	18.72	/	/	20.27	/	/	<=33	Pass
	1902.5	Edge 1RB Left	18.36	/	/	19.91	/	/	<=33	Pass
		Edge 1RB Right	17.67	/	/	19.22	/	/	<=33	Pass
		Outer Full	17.42	/	/	18.97	/	/	<=33	Pass
		Inner Full	17.76	/	/	19.31	/	/	<=33	Pass
		Inner_1RB_Left	18.62	/	/	20.17	/	/	<=33	Pass
		Inner 1RB Right	18.28	/	/	19.83	/	/	<=33	Pass
	CP-OFDM 64 QAM	1857.5	Edge 1RB Left	17.84	/	/	19.39	/	/	<=33
Edge 1RB Right			17.35	/	/	18.90	/	/	<=33	Pass
Outer Full			16.62	/	/	18.17	/	/	<=33	Pass
Inner Full			17.23	/	/	18.78	/	/	<=33	Pass
Inner 1RB Left			18.47	/	/	20.02	/	/	<=33	Pass
Inner 1RB Right			18.33	/	/	19.88	/	/	<=33	Pass
1880		Edge 1RB Left	18.02	/	/	19.57	/	/	<=33	Pass
		Edge 1RB Right	17.76	/	/	19.31	/	/	<=33	Pass
		Outer Full	17.02	/	/	18.57	/	/	<=33	Pass
		Inner Full	17.82	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Left	18.84	/	/	20.39	/	/	<=33	Pass
		Inner 1RB Right	18.90	/	/	20.45	/	/	<=33	Pass
1902.5		Edge 1RB Left	18.08	/	/	19.63	/	/	<=33	Pass
		Edge 1RB Right	17.36	/	/	18.91	/	/	<=33	Pass
		Outer Full	16.98	/	/	18.53	/	/	<=33	Pass
		Inner Full	17.80	/	/	19.35	/	/	<=33	Pass
		Inner 1RB Left	18.68	/	/	20.23	/	/	<=33	Pass
		Inner 1RB Right	18.34	/	/	19.89	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge 1RB Left	15.12	/	/	16.67	/	/	<=33	Pass
		Edge 1RB Right	14.62	/	/	16.17	/	/	<=33	Pass
		Outer Full	14.03	/	/	15.58	/	/	<=33	Pass
		Inner Full	13.77	/	/	15.32	/	/	<=33	Pass
		Inner_1RB_Left	14.87	/	/	16.42	/	/	<=33	Pass
		Inner 1RB Right	14.72	/	/	16.27	/	/	<=33	Pass
	1880	Edge 1RB Left	15.36	/	/	16.91	/	/	<=33	Pass
		Edge 1RB Right	15.16	/	/	16.71	/	/	<=33	Pass
		Outer Full	14.48	/	/	16.03	/	/	<=33	Pass
		Inner Full	14.13	/	/	15.68	/	/	<=33	Pass
		Inner_1RB_Left	15.13	/	/	16.68	/	/	<=33	Pass
		Inner 1RB Right	15.10	/	/	16.65	/	/	<=33	Pass
	1902.5	Edge 1RB Left	15.44	/	/	16.99	/	/	<=33	Pass
		Edge 1RB Right	14.76	/	/	16.31	/	/	<=33	Pass
		Outer Full	14.44	/	/	15.99	/	/	<=33	Pass
		Inner Full	14.24	/	/	15.79	/	/	<=33	Pass
		Inner_1RB_Left	15.22	/	/	16.77	/	/	<=33	Pass
		Inner 1RB Right	14.86	/	/	16.41	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.55dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n2 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Edge 1RB Left	20.14	/	/	21.69	/	/	<=33	Pass
		Edge 1RB Right	19.70	/	/	21.25	/	/	<=33	Pass
		Outer Full	19.08	/	/	20.63	/	/	<=33	Pass

		Inner Full	19.12	/	/	20.67	/	/	<=33	Pass
		Inner 1RB Left	20.48	/	/	22.03	/	/	<=33	Pass
		Inner 1RB Right	20.15	/	/	21.70	/	/	<=33	Pass
	1880	Edge 1RB Left	20.36	/	/	21.91	/	/	<=33	Pass
		Edge 1RB Right	20.12	/	/	21.67	/	/	<=33	Pass
		Outer Full	19.60	/	/	21.15	/	/	<=33	Pass
		Inner Full	19.74	/	/	21.29	/	/	<=33	Pass
		Inner 1RB Left	20.64	/	/	22.19	/	/	<=33	Pass
		Inner 1RB Right	20.62	/	/	22.17	/	/	<=33	Pass
	1900	Edge 1RB Left	21.00	/	/	22.55	/	/	<=33	Pass
		Edge 1RB Right	20.34	/	/	21.89	/	/	<=33	Pass
		Outer Full	19.80	/	/	21.35	/	/	<=33	Pass
		Inner Full	19.74	/	/	21.29	/	/	<=33	Pass
		Inner 1RB Left	21.26	/	/	22.81	/	/	<=33	Pass
		Inner 1RB Right	20.93	/	/	22.48	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge 1RB Left	19.13	/	/	20.68	/	/	<=33	Pass
		Edge 1RB Right	18.66	/	/	20.21	/	/	<=33	Pass
		Outer Full	17.77	/	/	19.32	/	/	<=33	Pass
		Inner Full	17.92	/	/	19.47	/	/	<=33	Pass
		Inner 1RB Left	19.40	/	/	20.95	/	/	<=33	Pass
		Inner 1RB Right	19.12	/	/	20.67	/	/	<=33	Pass
	1880	Edge 1RB Left	19.39	/	/	20.94	/	/	<=33	Pass
		Edge 1RB Right	19.16	/	/	20.71	/	/	<=33	Pass
		Outer Full	18.39	/	/	19.94	/	/	<=33	Pass
		Inner Full	18.60	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Left	19.74	/	/	21.29	/	/	<=33	Pass
		Inner 1RB Right	19.68	/	/	21.23	/	/	<=33	Pass
	1900	Edge 1RB Left	19.85	/	/	21.40	/	/	<=33	Pass
		Edge 1RB Right	19.20	/	/	20.75	/	/	<=33	Pass
		Outer Full	18.50	/	/	20.05	/	/	<=33	Pass
		Inner Full	18.60	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Left	20.14	/	/	21.69	/	/	<=33	Pass
		Inner 1RB Right	19.89	/	/	21.44	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge 1RB Left	18.96	/	/	20.51	/	/	<=33	Pass
		Edge 1RB Right	18.41	/	/	19.96	/	/	<=33	Pass
		Outer Full	17.47	/	/	19.02	/	/	<=33	Pass
		Inner Full	17.15	/	/	18.70	/	/	<=33	Pass
		Inner 1RB Left	18.73	/	/	20.28	/	/	<=33	Pass
		Inner 1RB Right	18.42	/	/	19.97	/	/	<=33	Pass
	1880	Edge 1RB Left	19.07	/	/	20.62	/	/	<=33	Pass
		Edge 1RB Right	19.08	/	/	20.63	/	/	<=33	Pass
		Outer Full	18.10	/	/	19.65	/	/	<=33	Pass
		Inner Full	17.80	/	/	19.35	/	/	<=33	Pass
		Inner 1RB Left	19.03	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Right	19.06	/	/	20.61	/	/	<=33	Pass
	1900	Edge 1RB Left	19.50	/	/	21.05	/	/	<=33	Pass
		Edge 1RB Right	18.85	/	/	20.40	/	/	<=33	Pass
		Outer Full	18.28	/	/	19.83	/	/	<=33	Pass
		Inner Full	17.74	/	/	19.29	/	/	<=33	Pass
		Inner 1RB Left	19.55	/	/	21.10	/	/	<=33	Pass
		Inner 1RB Right	19.06	/	/	20.61	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge 1RB Left	17.02	/	/	18.57	/	/	<=33	Pass
		Edge 1RB Right	16.48	/	/	18.03	/	/	<=33	Pass
		Outer Full	15.99	/	/	17.54	/	/	<=33	Pass
		Inner Full	15.50	/	/	17.05	/	/	<=33	Pass
		Inner 1RB Left	16.85	/	/	18.40	/	/	<=33	Pass
		Inner 1RB Right	16.51	/	/	18.06	/	/	<=33	Pass
	1880	Edge 1RB Left	17.53	/	/	19.08	/	/	<=33	Pass
		Edge 1RB Right	17.32	/	/	18.87	/	/	<=33	Pass

		Outer Full	16.67	/	/	18.22	/	/	<=33	Pass
		Inner Full	16.24	/	/	17.79	/	/	<=33	Pass
		Inner 1RB Left	17.46	/	/	19.01	/	/	<=33	Pass
		Inner 1RB Right	17.42	/	/	18.97	/	/	<=33	Pass
	1900	Edge 1RB Left	17.91	/	/	19.46	/	/	<=33	Pass
		Edge 1RB Right	17.26	/	/	18.81	/	/	<=33	Pass
		Outer Full	16.72	/	/	18.27	/	/	<=33	Pass
		Inner Full	16.26	/	/	17.81	/	/	<=33	Pass
		Inner 1RB Left	17.70	/	/	19.25	/	/	<=33	Pass
		Inner 1RB Right	17.46	/	/	19.01	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge 1RB Left	18.41	/	/	19.96	/	/	<=33	Pass
		Edge 1RB Right	18.11	/	/	19.66	/	/	<=33	Pass
		Outer Full	17.52	/	/	19.07	/	/	<=33	Pass
		Inner Full	17.46	/	/	19.01	/	/	<=33	Pass
		Inner 1RB Left	18.60	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Right	18.27	/	/	19.82	/	/	<=33	Pass
	1880	Edge 1RB Left	19.15	/	/	20.70	/	/	<=33	Pass
		Edge 1RB Right	18.91	/	/	20.46	/	/	<=33	Pass
		Outer Full	18.24	/	/	19.79	/	/	<=33	Pass
		Inner Full	18.24	/	/	19.79	/	/	<=33	Pass
		Inner 1RB Left	19.29	/	/	20.84	/	/	<=33	Pass
		Inner 1RB Right	19.07	/	/	20.62	/	/	<=33	Pass
	1900	Edge 1RB Left	19.40	/	/	20.95	/	/	<=33	Pass
		Edge 1RB Right	18.73	/	/	20.28	/	/	<=33	Pass
		Outer Full	18.47	/	/	20.02	/	/	<=33	Pass
		Inner Full	18.14	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Left	19.37	/	/	20.92	/	/	<=33	Pass
		Inner 1RB Right	19.09	/	/	20.64	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge 1RB Left	18.15	/	/	19.70	/	/	<=33	Pass
		Edge 1RB Right	17.75	/	/	19.30	/	/	<=33	Pass
		Outer Full	17.01	/	/	18.56	/	/	<=33	Pass
		Inner Full	17.13	/	/	18.68	/	/	<=33	Pass
		Inner 1RB Left	18.42	/	/	19.97	/	/	<=33	Pass
		Inner 1RB Right	18.22	/	/	19.77	/	/	<=33	Pass
	1880	Edge 1RB Left	18.83	/	/	20.38	/	/	<=33	Pass
		Edge 1RB Right	18.71	/	/	20.26	/	/	<=33	Pass
		Outer Full	17.84	/	/	19.39	/	/	<=33	Pass
		Inner Full	17.93	/	/	19.48	/	/	<=33	Pass
		Inner 1RB Left	19.28	/	/	20.83	/	/	<=33	Pass
		Inner 1RB Right	19.12	/	/	20.67	/	/	<=33	Pass
	1900	Edge 1RB Left	19.10	/	/	20.65	/	/	<=33	Pass
		Edge 1RB Right	18.62	/	/	20.17	/	/	<=33	Pass
		Outer Full	17.86	/	/	19.41	/	/	<=33	Pass
		Inner Full	17.91	/	/	19.46	/	/	<=33	Pass
		Inner 1RB Left	19.43	/	/	20.98	/	/	<=33	Pass
		Inner 1RB Right	19.19	/	/	20.74	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge 1RB Left	17.64	/	/	19.19	/	/	<=33	Pass
		Edge 1RB Right	17.34	/	/	18.89	/	/	<=33	Pass
		Outer Full	16.44	/	/	17.99	/	/	<=33	Pass
		Inner Full	17.13	/	/	18.68	/	/	<=33	Pass
		Inner 1RB Left	18.48	/	/	20.03	/	/	<=33	Pass
		Inner 1RB Right	18.17	/	/	19.72	/	/	<=33	Pass
	1880	Edge 1RB Left	18.51	/	/	20.06	/	/	<=33	Pass
		Edge 1RB Right	18.25	/	/	19.80	/	/	<=33	Pass
		Outer Full	17.32	/	/	18.87	/	/	<=33	Pass
		Inner Full	17.77	/	/	19.32	/	/	<=33	Pass
		Inner 1RB Left	19.28	/	/	20.83	/	/	<=33	Pass
		Inner 1RB Right	19.09	/	/	20.64	/	/	<=33	Pass
	1900	Edge 1RB Left	18.65	/	/	20.20	/	/	<=33	Pass

		Edge 1RB Right	18.24	/	/	19.79	/	/	<=33	Pass
		Outer Full	17.40	/	/	18.95	/	/	<=33	Pass
		Inner Full	17.91	/	/	19.46	/	/	<=33	Pass
		Inner 1RB Left	19.43	/	/	20.98	/	/	<=33	Pass
		Inner 1RB Right	19.18	/	/	20.73	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge 1RB Left	15.33	/	/	16.88	/	/	<=33	Pass
		Edge 1RB Right	14.85	/	/	16.40	/	/	<=33	Pass
		Outer Full	14.06	/	/	15.61	/	/	<=33	Pass
		Inner Full	13.71	/	/	15.26	/	/	<=33	Pass
		Inner 1RB Left	15.13	/	/	16.68	/	/	<=33	Pass
	1880	Inner 1RB Right	14.78	/	/	16.33	/	/	<=33	Pass
		Edge 1RB Left	15.77	/	/	17.32	/	/	<=33	Pass
		Edge 1RB Right	15.57	/	/	17.12	/	/	<=33	Pass
		Outer Full	14.68	/	/	16.23	/	/	<=33	Pass
		Inner Full	14.29	/	/	15.84	/	/	<=33	Pass
	1900	Inner 1RB Left	15.61	/	/	17.16	/	/	<=33	Pass
		Inner 1RB Right	15.53	/	/	17.08	/	/	<=33	Pass
		Edge 1RB Left	16.05	/	/	17.60	/	/	<=33	Pass
		Edge 1RB Right	15.50	/	/	17.05	/	/	<=33	Pass
		Outer Full	14.84	/	/	16.39	/	/	<=33	Pass
		Inner Full	14.38	/	/	15.93	/	/	<=33	Pass
		Inner 1RB Left	15.87	/	/	17.42	/	/	<=33	Pass
		Inner 1RB Right	15.64	/	/	17.19	/	/	<=33	Pass
		Note1: Antenna Gain: Ant1: 1.55dBi; Note2: EIRP=Conducted Power+Antenna Gain								

1.1.5 30k_SISO_10MHz_NTNV_EIRP

5G NR n2 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Edge 1RB Left	19.63	/	/	21.18	/	/	<=33	Pass
		Edge 1RB Right	19.40	/	/	20.95	/	/	<=33	Pass
		Outer Full	19.35	/	/	20.90	/	/	<=33	Pass
		Inner Full	19.67	/	/	21.22	/	/	<=33	Pass
		Inner 1RB Left	19.88	/	/	21.43	/	/	<=33	Pass
		Inner 1RB Right	19.97	/	/	21.52	/	/	<=33	Pass
	1880	Edge 1RB Left	19.63	/	/	21.18	/	/	<=33	Pass
		Edge 1RB Right	19.51	/	/	21.06	/	/	<=33	Pass
		Outer Full	19.40	/	/	20.95	/	/	<=33	Pass
		Inner Full	19.82	/	/	21.37	/	/	<=33	Pass
		Inner 1RB Left	19.92	/	/	21.47	/	/	<=33	Pass
		Inner 1RB Right	20.09	/	/	21.64	/	/	<=33	Pass
	1905	Edge 1RB Left	19.28	/	/	20.83	/	/	<=33	Pass
		Edge 1RB Right	18.72	/	/	20.27	/	/	<=33	Pass
		Outer Full	19.17	/	/	20.72	/	/	<=33	Pass
		Inner Full	19.54	/	/	21.09	/	/	<=33	Pass
		Inner 1RB Left	19.73	/	/	21.28	/	/	<=33	Pass
		Inner 1RB Right	19.78	/	/	21.33	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge 1RB Left	18.60	/	/	20.15	/	/	<=33	Pass
		Edge 1RB Right	18.39	/	/	19.94	/	/	<=33	Pass
		Outer Full	18.18	/	/	19.73	/	/	<=33	Pass
		Inner Full	18.59	/	/	20.14	/	/	<=33	Pass
		Inner 1RB Left	18.87	/	/	20.42	/	/	<=33	Pass
		Inner 1RB Right	18.92	/	/	20.47	/	/	<=33	Pass
	1880	Edge 1RB Left	18.47	/	/	20.02	/	/	<=33	Pass
		Edge 1RB Right	18.49	/	/	20.04	/	/	<=33	Pass
	Outer Full	18.26	/	/	19.81	/	/	<=33	Pass	

		Inner Full	18.69	/	/	20.24	/	/	<=33	Pass
		Inner 1RB Left	18.74	/	/	20.29	/	/	<=33	Pass
		Inner 1RB Right	18.92	/	/	20.47	/	/	<=33	Pass
	1905	Edge 1RB Left	18.32	/	/	19.87	/	/	<=33	Pass
		Edge 1RB Right	17.76	/	/	19.31	/	/	<=33	Pass
		Outer Full	17.85	/	/	19.40	/	/	<=33	Pass
		Inner Full	18.39	/	/	19.94	/	/	<=33	Pass
		Inner 1RB Left	18.62	/	/	20.17	/	/	<=33	Pass
		Inner 1RB Right	18.70	/	/	20.25	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge 1RB Left	18.23	/	/	19.78	/	/	<=33	Pass
		Edge 1RB Right	18.04	/	/	19.59	/	/	<=33	Pass
		Outer Full	17.77	/	/	19.32	/	/	<=33	Pass
		Inner Full	17.69	/	/	19.24	/	/	<=33	Pass
		Inner 1RB Left	18.03	/	/	19.58	/	/	<=33	Pass
		Inner 1RB Right	18.08	/	/	19.63	/	/	<=33	Pass
	1880	Edge 1RB Left	18.22	/	/	19.77	/	/	<=33	Pass
		Edge 1RB Right	18.08	/	/	19.63	/	/	<=33	Pass
		Outer Full	17.93	/	/	19.48	/	/	<=33	Pass
		Inner Full	17.71	/	/	19.26	/	/	<=33	Pass
		Inner 1RB Left	17.89	/	/	19.44	/	/	<=33	Pass
		Inner 1RB Right	18.14	/	/	19.69	/	/	<=33	Pass
	1905	Edge 1RB Left	18.13	/	/	19.68	/	/	<=33	Pass
		Edge 1RB Right	17.51	/	/	19.06	/	/	<=33	Pass
		Outer Full	17.65	/	/	19.20	/	/	<=33	Pass
		Inner Full	17.60	/	/	19.15	/	/	<=33	Pass
		Inner 1RB Left	17.91	/	/	19.46	/	/	<=33	Pass
		Inner 1RB Right	17.93	/	/	19.48	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge 1RB Left	16.74	/	/	18.29	/	/	<=33	Pass
		Edge 1RB Right	16.53	/	/	18.08	/	/	<=33	Pass
		Outer Full	16.41	/	/	17.96	/	/	<=33	Pass
		Inner Full	16.34	/	/	17.89	/	/	<=33	Pass
		Inner 1RB Left	16.51	/	/	18.06	/	/	<=33	Pass
		Inner 1RB Right	16.62	/	/	18.17	/	/	<=33	Pass
	1880	Edge 1RB Left	16.66	/	/	18.21	/	/	<=33	Pass
		Edge 1RB Right	16.53	/	/	18.08	/	/	<=33	Pass
		Outer Full	16.35	/	/	17.90	/	/	<=33	Pass
		Inner Full	16.31	/	/	17.86	/	/	<=33	Pass
		Inner 1RB Left	16.43	/	/	17.98	/	/	<=33	Pass
		Inner 1RB Right	16.61	/	/	18.16	/	/	<=33	Pass
	1905	Edge 1RB Left	16.41	/	/	17.96	/	/	<=33	Pass
		Edge 1RB Right	15.88	/	/	17.43	/	/	<=33	Pass
		Outer Full	16.13	/	/	17.68	/	/	<=33	Pass
		Inner Full	16.11	/	/	17.66	/	/	<=33	Pass
		Inner 1RB Left	16.20	/	/	17.75	/	/	<=33	Pass
		Inner 1RB Right	16.32	/	/	17.87	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge 1RB Left	18.07	/	/	19.62	/	/	<=33	Pass
		Edge 1RB Right	17.96	/	/	19.51	/	/	<=33	Pass
		Outer Full	17.78	/	/	19.33	/	/	<=33	Pass
		Inner Full	18.16	/	/	19.71	/	/	<=33	Pass
		Inner 1RB Left	18.39	/	/	19.94	/	/	<=33	Pass
		Inner 1RB Right	18.46	/	/	20.01	/	/	<=33	Pass
	1880	Edge 1RB Left	17.96	/	/	19.51	/	/	<=33	Pass
		Edge 1RB Right	17.85	/	/	19.40	/	/	<=33	Pass
		Outer Full	17.84	/	/	19.39	/	/	<=33	Pass
		Inner Full	18.07	/	/	19.62	/	/	<=33	Pass
		Inner 1RB Left	18.16	/	/	19.71	/	/	<=33	Pass
		Inner 1RB Right	18.28	/	/	19.83	/	/	<=33	Pass
	1905	Edge 1RB Left	17.87	/	/	19.42	/	/	<=33	Pass
		Edge 1RB Right	17.29	/	/	18.84	/	/	<=33	Pass

		Outer Full	17.79	/	/	19.34	/	/	<=33	Pass	
		Inner Full	17.92	/	/	19.47	/	/	<=33	Pass	
		Inner_1RB_Left	18.08	/	/	19.63	/	/	<=33	Pass	
		Inner_1RB_Right	18.01	/	/	19.56	/	/	<=33	Pass	
CP-OFDM 16 QAM	1855	Edge_1RB_Left	17.76	/	/	19.31	/	/	<=33	Pass	
		Edge_1RB_Right	17.53	/	/	19.08	/	/	<=33	Pass	
		Outer Full	17.36	/	/	18.91	/	/	<=33	Pass	
		Inner Full	17.78	/	/	19.33	/	/	<=33	Pass	
		Inner_1RB_Left	18.02	/	/	19.57	/	/	<=33	Pass	
		Inner_1RB_Right	18.20	/	/	19.75	/	/	<=33	Pass	
		1880	Edge_1RB_Left	17.66	/	/	19.21	/	/	<=33	Pass
			Edge_1RB_Right	17.51	/	/	19.06	/	/	<=33	Pass
	Outer Full		17.30	/	/	18.85	/	/	<=33	Pass	
	Inner Full		17.75	/	/	19.30	/	/	<=33	Pass	
	Inner_1RB_Left		17.99	/	/	19.54	/	/	<=33	Pass	
	Inner_1RB_Right		18.11	/	/	19.66	/	/	<=33	Pass	
	1905	Edge_1RB_Left	17.59	/	/	19.14	/	/	<=33	Pass	
		Edge_1RB_Right	17.04	/	/	18.59	/	/	<=33	Pass	
		Outer Full	17.16	/	/	18.71	/	/	<=33	Pass	
		Inner Full	17.70	/	/	19.25	/	/	<=33	Pass	
Inner_1RB_Left		17.91	/	/	19.46	/	/	<=33	Pass		
Inner_1RB_Right		17.97	/	/	19.52	/	/	<=33	Pass		
CP-OFDM 64 QAM	1855	Edge_1RB_Left	17.52	/	/	19.07	/	/	<=33	Pass	
		Edge_1RB_Right	17.29	/	/	18.84	/	/	<=33	Pass	
		Outer Full	16.97	/	/	18.52	/	/	<=33	Pass	
		Inner Full	17.76	/	/	19.31	/	/	<=33	Pass	
		Inner_1RB_Left	18.02	/	/	19.57	/	/	<=33	Pass	
		Inner_1RB_Right	18.30	/	/	19.85	/	/	<=33	Pass	
	1880	Edge_1RB_Left	17.43	/	/	18.98	/	/	<=33	Pass	
		Edge_1RB_Right	17.29	/	/	18.84	/	/	<=33	Pass	
		Outer Full	16.88	/	/	18.43	/	/	<=33	Pass	
		Inner Full	17.77	/	/	19.32	/	/	<=33	Pass	
		Inner_1RB_Left	18.15	/	/	19.70	/	/	<=33	Pass	
		Inner_1RB_Right	18.29	/	/	19.84	/	/	<=33	Pass	
	1905	Edge_1RB_Left	17.27	/	/	18.82	/	/	<=33	Pass	
		Edge_1RB_Right	16.72	/	/	18.27	/	/	<=33	Pass	
		Outer Full	16.71	/	/	18.26	/	/	<=33	Pass	
		Inner Full	17.70	/	/	19.25	/	/	<=33	Pass	
Inner_1RB_Left		18.07	/	/	19.62	/	/	<=33	Pass		
Inner_1RB_Right		18.14	/	/	19.69	/	/	<=33	Pass		
CP-OFDM 256 QAM	1855	Edge_1RB_Left	14.74	/	/	16.29	/	/	<=33	Pass	
		Edge_1RB_Right	14.57	/	/	16.12	/	/	<=33	Pass	
		Outer Full	14.33	/	/	15.88	/	/	<=33	Pass	
		Inner Full	14.27	/	/	15.82	/	/	<=33	Pass	
		Inner_1RB_Left	14.54	/	/	16.09	/	/	<=33	Pass	
		Inner_1RB_Right	14.68	/	/	16.23	/	/	<=33	Pass	
	1880	Edge_1RB_Left	14.74	/	/	16.29	/	/	<=33	Pass	
		Edge_1RB_Right	14.62	/	/	16.17	/	/	<=33	Pass	
		Outer Full	14.35	/	/	15.90	/	/	<=33	Pass	
		Inner Full	14.29	/	/	15.84	/	/	<=33	Pass	
		Inner_1RB_Left	14.53	/	/	16.08	/	/	<=33	Pass	
		Inner_1RB_Right	14.71	/	/	16.26	/	/	<=33	Pass	
	1905	Edge_1RB_Left	14.48	/	/	16.03	/	/	<=33	Pass	
		Edge_1RB_Right	13.93	/	/	15.48	/	/	<=33	Pass	
		Outer Full	14.17	/	/	15.72	/	/	<=33	Pass	
		Inner Full	14.04	/	/	15.59	/	/	<=33	Pass	
Inner_1RB_Left		14.24	/	/	15.79	/	/	<=33	Pass		
Inner_1RB_Right		14.32	/	/	15.87	/	/	<=33	Pass		
Note1: Antenna Gain: Ant1: 1.55dBi:											

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 30k_SISO_15MHz_NTNV_EIRP

5G NR n2 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	19.52	/	/	21.07	/	/	<=33	Pass
		Edge_1RB_Right	19.63	/	/	21.18	/	/	<=33	Pass
		Outer_Full	19.08	/	/	20.63	/	/	<=33	Pass
		Inner_Full	19.35	/	/	20.90	/	/	<=33	Pass
		Inner_1RB_Left	19.82	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	21.74	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.75	/	/	21.30	/	/	<=33	Pass
		Edge_1RB_Right	20.06	/	/	21.61	/	/	<=33	Pass
		Outer_Full	19.36	/	/	20.91	/	/	<=33	Pass
		Inner_Full	19.63	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	20.18	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Right	20.36	/	/	21.91	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.94	/	/	21.49	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	21.55	/	/	<=33	Pass
		Outer_Full	19.42	/	/	20.97	/	/	<=33	Pass
		Inner_Full	19.62	/	/	21.17	/	/	<=33	Pass
		Inner_1RB_Left	20.29	/	/	21.84	/	/	<=33	Pass
		Inner_1RB_Right	20.48	/	/	22.03	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	18.44	/	/	19.99	/	/	<=33	Pass
		Edge_1RB_Right	18.64	/	/	20.19	/	/	<=33	Pass
		Outer_Full	18.00	/	/	19.55	/	/	<=33	Pass
		Inner_Full	18.11	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Left	18.85	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Right	19.09	/	/	20.64	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.74	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	19.05	/	/	20.60	/	/	<=33	Pass
		Outer_Full	18.20	/	/	19.75	/	/	<=33	Pass
		Inner_Full	18.49	/	/	20.04	/	/	<=33	Pass
		Inner_1RB_Left	19.06	/	/	20.61	/	/	<=33	Pass
		Inner_1RB_Right	19.27	/	/	20.82	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	18.82	/	/	20.37	/	/	<=33	Pass
		Edge_1RB_Right	18.94	/	/	20.49	/	/	<=33	Pass
		Outer_Full	18.18	/	/	19.73	/	/	<=33	Pass
		Inner_Full	18.49	/	/	20.04	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Right	19.48	/	/	21.03	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	18.06	/	/	19.61	/	/	<=33	Pass
		Edge_1RB_Right	18.30	/	/	19.85	/	/	<=33	Pass
		Outer_Full	17.47	/	/	19.02	/	/	<=33	Pass
		Inner_Full	17.23	/	/	18.78	/	/	<=33	Pass
		Inner_1RB_Left	18.00	/	/	19.55	/	/	<=33	Pass
		Inner_1RB_Right	18.10	/	/	19.65	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.47	/	/	20.02	/	/	<=33	Pass
		Edge_1RB_Right	18.78	/	/	20.33	/	/	<=33	Pass
		Outer_Full	17.90	/	/	19.45	/	/	<=33	Pass
		Inner_Full	17.70	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Left	18.40	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Right	18.55	/	/	20.10	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	18.52	/	/	20.07	/	/	<=33	Pass
		Edge_1RB_Right	18.61	/	/	20.16	/	/	<=33	Pass

		Outer Full	17.96	/	/	19.51	/	/	<=33	Pass
		Inner Full	17.63	/	/	19.18	/	/	<=33	Pass
		Inner 1RB Left	18.41	/	/	19.96	/	/	<=33	Pass
		Inner 1RB Right	18.66	/	/	20.21	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge 1RB Left	16.68	/	/	18.23	/	/	<=33	Pass
		Edge 1RB Right	16.91	/	/	18.46	/	/	<=33	Pass
		Outer Full	16.12	/	/	17.67	/	/	<=33	Pass
		Inner Full	15.86	/	/	17.41	/	/	<=33	Pass
		Inner 1RB Left	16.58	/	/	18.13	/	/	<=33	Pass
		Inner 1RB Right	16.86	/	/	18.41	/	/	<=33	Pass
	1880	Edge 1RB Left	16.76	/	/	18.31	/	/	<=33	Pass
		Edge 1RB Right	17.07	/	/	18.62	/	/	<=33	Pass
		Outer Full	16.36	/	/	17.91	/	/	<=33	Pass
		Inner Full	16.10	/	/	17.65	/	/	<=33	Pass
		Inner 1RB Left	16.67	/	/	18.22	/	/	<=33	Pass
		Inner 1RB Right	16.91	/	/	18.46	/	/	<=33	Pass
	1902.5	Edge 1RB Left	16.87	/	/	18.42	/	/	<=33	Pass
		Edge 1RB Right	17.02	/	/	18.57	/	/	<=33	Pass
		Outer Full	16.35	/	/	17.90	/	/	<=33	Pass
		Inner Full	16.14	/	/	17.69	/	/	<=33	Pass
		Inner 1RB Left	16.77	/	/	18.32	/	/	<=33	Pass
		Inner 1RB Right	17.05	/	/	18.60	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge 1RB Left	17.99	/	/	19.54	/	/	<=33	Pass
		Edge 1RB Right	18.39	/	/	19.94	/	/	<=33	Pass
		Outer Full	17.73	/	/	19.28	/	/	<=33	Pass
		Inner Full	17.79	/	/	19.34	/	/	<=33	Pass
		Inner 1RB Left	18.41	/	/	19.96	/	/	<=33	Pass
		Inner 1RB Right	18.72	/	/	20.27	/	/	<=33	Pass
	1880	Edge 1RB Left	18.01	/	/	19.56	/	/	<=33	Pass
		Edge 1RB Right	18.51	/	/	20.06	/	/	<=33	Pass
		Outer Full	17.85	/	/	19.40	/	/	<=33	Pass
		Inner Full	18.07	/	/	19.62	/	/	<=33	Pass
		Inner 1RB Left	18.53	/	/	20.08	/	/	<=33	Pass
		Inner 1RB Right	18.60	/	/	20.15	/	/	<=33	Pass
	1902.5	Edge 1RB Left	18.31	/	/	19.86	/	/	<=33	Pass
		Edge 1RB Right	18.46	/	/	20.01	/	/	<=33	Pass
		Outer Full	18.10	/	/	19.65	/	/	<=33	Pass
		Inner Full	17.98	/	/	19.53	/	/	<=33	Pass
		Inner 1RB Left	18.57	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Right	18.73	/	/	20.28	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge 1RB Left	17.73	/	/	19.28	/	/	<=33	Pass
		Edge 1RB Right	18.03	/	/	19.58	/	/	<=33	Pass
		Outer Full	17.18	/	/	18.73	/	/	<=33	Pass
		Inner Full	17.36	/	/	18.91	/	/	<=33	Pass
		Inner 1RB Left	18.13	/	/	19.68	/	/	<=33	Pass
		Inner 1RB Right	18.42	/	/	19.97	/	/	<=33	Pass
	1880	Edge 1RB Left	17.75	/	/	19.30	/	/	<=33	Pass
		Edge 1RB Right	17.98	/	/	19.53	/	/	<=33	Pass
		Outer Full	17.30	/	/	18.85	/	/	<=33	Pass
		Inner Full	17.58	/	/	19.13	/	/	<=33	Pass
		Inner 1RB Left	18.16	/	/	19.71	/	/	<=33	Pass
		Inner 1RB Right	18.27	/	/	19.82	/	/	<=33	Pass
	1902.5	Edge 1RB Left	17.99	/	/	19.54	/	/	<=33	Pass
		Edge 1RB Right	18.17	/	/	19.72	/	/	<=33	Pass
		Outer Full	17.45	/	/	19.00	/	/	<=33	Pass
		Inner Full	17.76	/	/	19.31	/	/	<=33	Pass
		Inner 1RB Left	18.41	/	/	19.96	/	/	<=33	Pass
		Inner 1RB Right	18.66	/	/	20.21	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge 1RB Left	17.49	/	/	19.04	/	/	<=33	Pass

		Edge 1RB Right	17.77	/	/	19.32	/	/	<=33	Pass	
		Outer_Full	16.78	/	/	18.33	/	/	<=33	Pass	
		Inner_Full	17.37	/	/	18.92	/	/	<=33	Pass	
		Inner_1RB_Left	18.27	/	/	19.82	/	/	<=33	Pass	
		Inner 1RB Right	18.60	/	/	20.15	/	/	<=33	Pass	
	1880	Edge 1RB Left	17.50	/	/	19.05	/	/	<=33	Pass	
		Edge 1RB Right	17.80	/	/	19.35	/	/	<=33	Pass	
		Outer_Full	16.89	/	/	18.44	/	/	<=33	Pass	
		Inner_Full	17.61	/	/	19.16	/	/	<=33	Pass	
		Inner_1RB_Left	18.37	/	/	19.92	/	/	<=33	Pass	
	1902.5	Inner 1RB Right	18.48	/	/	20.03	/	/	<=33	Pass	
		Edge_1RB_Left	17.63	/	/	19.18	/	/	<=33	Pass	
		Edge 1RB Right	17.78	/	/	19.33	/	/	<=33	Pass	
		Outer_Full	17.01	/	/	18.56	/	/	<=33	Pass	
		Inner_Full	17.77	/	/	19.32	/	/	<=33	Pass	
	CP-OFDM 256 QAM	1857.5	Inner 1RB Left	18.65	/	/	20.20	/	/	<=33	Pass
			Inner 1RB Right	18.85	/	/	20.40	/	/	<=33	Pass
			Edge 1RB Left	14.81	/	/	16.36	/	/	<=33	Pass
			Edge 1RB Right	15.06	/	/	16.61	/	/	<=33	Pass
			Outer_Full	14.22	/	/	15.77	/	/	<=33	Pass
Inner_Full			13.99	/	/	15.54	/	/	<=33	Pass	
1880		Inner_1RB_Left	14.72	/	/	16.27	/	/	<=33	Pass	
		Inner 1RB Right	15.00	/	/	16.55	/	/	<=33	Pass	
		Edge 1RB Left	14.87	/	/	16.42	/	/	<=33	Pass	
		Edge 1RB Right	15.19	/	/	16.74	/	/	<=33	Pass	
		Outer_Full	14.33	/	/	15.88	/	/	<=33	Pass	
		Inner_Full	14.17	/	/	15.72	/	/	<=33	Pass	
1902.5		Inner_1RB_Left	14.82	/	/	16.37	/	/	<=33	Pass	
		Inner 1RB Right	15.00	/	/	16.55	/	/	<=33	Pass	
		Edge_1RB_Left	14.97	/	/	16.52	/	/	<=33	Pass	
		Edge 1RB Right	15.15	/	/	16.70	/	/	<=33	Pass	
		Outer_Full	14.43	/	/	15.98	/	/	<=33	Pass	
		Inner_Full	14.26	/	/	15.81	/	/	<=33	Pass	
		Inner 1RB Left	14.93	/	/	16.48	/	/	<=33	Pass	
		Inner 1RB Right	15.13	/	/	16.68	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: 1.55dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.1.7 30k_SISO_20MHz_NTNV_EIRP

5G NR n2 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	1860	Edge 1RB Left	19.73	/	/	21.28	/	/	<=33	Pass
		Edge 1RB Right	19.70	/	/	21.25	/	/	<=33	Pass
		Outer Full	19.19	/	/	20.74	/	/	<=33	Pass
		Inner Full	19.33	/	/	20.88	/	/	<=33	Pass
		Inner 1RB Left	20.24	/	/	21.79	/	/	<=33	Pass
		Inner 1RB Right	20.15	/	/	21.70	/	/	<=33	Pass
	1880	Edge 1RB Left	20.06	/	/	21.61	/	/	<=33	Pass
		Edge 1RB Right	20.51	/	/	22.06	/	/	<=33	Pass
		Outer Full	19.61	/	/	21.16	/	/	<=33	Pass
		Inner Full	19.67	/	/	21.22	/	/	<=33	Pass
		Inner 1RB Left	20.49	/	/	22.04	/	/	<=33	Pass
	1900	Inner 1RB Right	20.81	/	/	22.36	/	/	<=33	Pass
		Edge 1RB Left	18.82	/	/	20.37	/	/	<=33	Pass
		Edge 1RB Right	17.36	/	/	18.91	/	/	<=33	Pass
		Outer Full	17.65	/	/	19.20	/	/	<=33	Pass

		Inner Full	17.37	/	/	18.92	/	/	<=33	Pass
		Inner 1RB Left	19.11	/	/	20.66	/	/	<=33	Pass
		Inner 1RB Right	17.67	/	/	19.22	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge 1RB Left	18.72	/	/	20.27	/	/	<=33	Pass
		Edge 1RB Right	18.77	/	/	20.32	/	/	<=33	Pass
		Outer Full	17.90	/	/	19.45	/	/	<=33	Pass
		Inner Full	18.12	/	/	19.67	/	/	<=33	Pass
		Inner 1RB Left	19.19	/	/	20.74	/	/	<=33	Pass
		Inner 1RB Right	19.12	/	/	20.67	/	/	<=33	Pass
		Edge 1RB Left	19.03	/	/	20.58	/	/	<=33	Pass
	1880	Edge 1RB Right	19.53	/	/	21.08	/	/	<=33	Pass
		Outer Full	18.39	/	/	19.94	/	/	<=33	Pass
		Inner Full	18.52	/	/	20.07	/	/	<=33	Pass
		Inner 1RB Left	19.50	/	/	21.05	/	/	<=33	Pass
		Inner 1RB Right	19.84	/	/	21.39	/	/	<=33	Pass
	1900	Edge 1RB Left	17.69	/	/	19.24	/	/	<=33	Pass
		Edge 1RB Right	16.27	/	/	17.82	/	/	<=33	Pass
		Outer Full	16.15	/	/	17.70	/	/	<=33	Pass
		Inner Full	16.26	/	/	17.81	/	/	<=33	Pass
		Inner 1RB Left	18.13	/	/	19.68	/	/	<=33	Pass
		Inner 1RB Right	16.82	/	/	18.37	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge 1RB Left	18.30	/	/	19.85	/	/	<=33	Pass
		Edge 1RB Right	18.52	/	/	20.07	/	/	<=33	Pass
		Outer Full	17.60	/	/	19.15	/	/	<=33	Pass
		Inner Full	17.24	/	/	18.79	/	/	<=33	Pass
		Inner 1RB Left	18.27	/	/	19.82	/	/	<=33	Pass
		Inner 1RB Right	18.33	/	/	19.88	/	/	<=33	Pass
	1880	Edge 1RB Left	18.78	/	/	20.33	/	/	<=33	Pass
		Edge 1RB Right	19.25	/	/	20.80	/	/	<=33	Pass
		Outer Full	18.07	/	/	19.62	/	/	<=33	Pass
		Inner Full	17.74	/	/	19.29	/	/	<=33	Pass
		Inner 1RB Left	18.67	/	/	20.22	/	/	<=33	Pass
	1900	Inner 1RB Right	19.08	/	/	20.63	/	/	<=33	Pass
		Edge 1RB Left	17.47	/	/	19.02	/	/	<=33	Pass
		Edge 1RB Right	15.92	/	/	17.47	/	/	<=33	Pass
		Outer Full	15.95	/	/	17.50	/	/	<=33	Pass
		Inner Full	15.56	/	/	17.11	/	/	<=33	Pass
		Inner 1RB Left	17.32	/	/	18.87	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Inner 1RB Right	16.01	/	/	17.56	/	/	<=33	Pass
		Edge 1RB Left	16.66	/	/	18.21	/	/	<=33	Pass
		Edge 1RB Right	16.70	/	/	18.25	/	/	<=33	Pass
		Outer Full	15.93	/	/	17.48	/	/	<=33	Pass
		Inner Full	15.68	/	/	17.23	/	/	<=33	Pass
		Inner 1RB Left	16.65	/	/	18.20	/	/	<=33	Pass
	1880	Inner 1RB Right	16.50	/	/	18.05	/	/	<=33	Pass
		Edge 1RB Left	17.15	/	/	18.70	/	/	<=33	Pass
		Edge 1RB Right	17.59	/	/	19.14	/	/	<=33	Pass
		Outer Full	16.54	/	/	18.09	/	/	<=33	Pass
		Inner Full	13.69	/	/	15.24	/	/	<=33	Pass
		Inner 1RB Left	14.65	/	/	16.20	/	/	<=33	Pass
	1900	Inner 1RB Right	15.62	/	/	17.17	/	/	<=33	Pass
		Edge 1RB Left	15.77	/	/	17.32	/	/	<=33	Pass
		Edge 1RB Right	14.30	/	/	15.85	/	/	<=33	Pass
		Outer Full	14.32	/	/	15.87	/	/	<=33	Pass
		Inner Full	13.88	/	/	15.43	/	/	<=33	Pass
		Inner 1RB Left	15.75	/	/	17.30	/	/	<=33	Pass
CP-OFDM QPSK	1860	Inner 1RB Right	14.37	/	/	15.92	/	/	<=33	Pass
		Edge 1RB Left	18.23	/	/	19.78	/	/	<=33	Pass
		Edge 1RB Right	18.48	/	/	20.03	/	/	<=33	Pass

		Outer Full	17.71	/	/	19.26	/	/	<=33	Pass
		Inner Full	17.67	/	/	19.22	/	/	<=33	Pass
		Inner 1RB Left	18.64	/	/	20.19	/	/	<=33	Pass
		Inner 1RB Right	18.73	/	/	20.28	/	/	<=33	Pass
	1880	Edge 1RB Left	15.97	/	/	17.52	/	/	<=33	Pass
		Edge 1RB Right	17.00	/	/	18.55	/	/	<=33	Pass
		Outer Full	15.73	/	/	17.28	/	/	<=33	Pass
		Inner Full	15.69	/	/	17.24	/	/	<=33	Pass
		Inner 1RB Left	16.46	/	/	18.01	/	/	<=33	Pass
		Inner 1RB Right	17.29	/	/	18.84	/	/	<=33	Pass
	1900	Edge 1RB Left	16.96	/	/	18.51	/	/	<=33	Pass
		Edge 1RB Right	15.60	/	/	17.15	/	/	<=33	Pass
		Outer Full	15.87	/	/	17.42	/	/	<=33	Pass
		Inner Full	15.82	/	/	17.37	/	/	<=33	Pass
		Inner 1RB Left	17.30	/	/	18.85	/	/	<=33	Pass
		Inner 1RB Right	16.25	/	/	17.80	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge 1RB Left	17.97	/	/	19.52	/	/	<=33	Pass
		Edge 1RB Right	18.07	/	/	19.62	/	/	<=33	Pass
		Outer Full	17.21	/	/	18.76	/	/	<=33	Pass
		Inner Full	17.33	/	/	18.88	/	/	<=33	Pass
		Inner 1RB Left	18.43	/	/	19.98	/	/	<=33	Pass
		Inner 1RB Right	18.43	/	/	19.98	/	/	<=33	Pass
	1880	Edge 1RB Left	15.67	/	/	17.22	/	/	<=33	Pass
		Edge 1RB Right	16.73	/	/	18.28	/	/	<=33	Pass
		Outer Full	15.28	/	/	16.83	/	/	<=33	Pass
		Inner Full	15.15	/	/	16.70	/	/	<=33	Pass
		Inner 1RB Left	16.15	/	/	17.70	/	/	<=33	Pass
		Inner 1RB Right	17.04	/	/	18.59	/	/	<=33	Pass
	1900	Edge 1RB Left	16.88	/	/	18.43	/	/	<=33	Pass
		Edge 1RB Right	15.62	/	/	17.17	/	/	<=33	Pass
		Outer Full	15.52	/	/	17.07	/	/	<=33	Pass
		Inner Full	15.55	/	/	17.10	/	/	<=33	Pass
		Inner 1RB Left	17.32	/	/	18.87	/	/	<=33	Pass
		Inner 1RB Right	16.18	/	/	17.73	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge 1RB Left	17.62	/	/	19.17	/	/	<=33	Pass
		Edge 1RB Right	17.71	/	/	19.26	/	/	<=33	Pass
		Outer Full	16.65	/	/	18.20	/	/	<=33	Pass
		Inner Full	17.37	/	/	18.92	/	/	<=33	Pass
		Inner 1RB Left	18.56	/	/	20.11	/	/	<=33	Pass
		Inner 1RB Right	18.59	/	/	20.14	/	/	<=33	Pass
	1880	Edge 1RB Left	15.45	/	/	17.00	/	/	<=33	Pass
		Edge 1RB Right	16.57	/	/	18.12	/	/	<=33	Pass
		Outer Full	14.87	/	/	16.42	/	/	<=33	Pass
		Inner Full	15.16	/	/	16.71	/	/	<=33	Pass
		Inner 1RB Left	16.27	/	/	17.82	/	/	<=33	Pass
		Inner 1RB Right	17.16	/	/	18.71	/	/	<=33	Pass
	1900	Edge 1RB Left	16.36	/	/	17.91	/	/	<=33	Pass
		Edge 1RB Right	15.07	/	/	16.62	/	/	<=33	Pass
		Outer Full	14.87	/	/	16.42	/	/	<=33	Pass
		Inner Full	15.36	/	/	16.91	/	/	<=33	Pass
		Inner 1RB Left	17.22	/	/	18.77	/	/	<=33	Pass
		Inner 1RB Right	16.09	/	/	17.64	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge 1RB Left	15.04	/	/	16.59	/	/	<=33	Pass
		Edge 1RB Right	15.07	/	/	16.62	/	/	<=33	Pass
		Outer Full	14.20	/	/	15.75	/	/	<=33	Pass
		Inner Full	13.91	/	/	15.46	/	/	<=33	Pass
		Inner 1RB Left	15.03	/	/	16.58	/	/	<=33	Pass
		Inner 1RB Right	14.93	/	/	16.48	/	/	<=33	Pass
	1880	Edge 1RB Left	12.67	/	/	14.22	/	/	<=33	Pass

		Edge_1RB_Right	13.91	/	/	15.46	/	/	<=33	Pass
		Outer_Full	12.22	/	/	13.77	/	/	<=33	Pass
		Inner_Full	11.70	/	/	13.25	/	/	<=33	Pass
		Inner_1RB_Left	12.66	/	/	14.21	/	/	<=33	Pass
		Inner_1RB_Right	13.71	/	/	15.26	/	/	<=33	Pass
	1900	Edge_1RB_Left	13.87	/	/	15.42	/	/	<=33	Pass
		Edge_1RB_Right	12.38	/	/	13.93	/	/	<=33	Pass
		Outer_Full	12.39	/	/	13.94	/	/	<=33	Pass
		Inner_Full	11.98	/	/	13.53	/	/	<=33	Pass
		Inner_1RB_Left	13.85	/	/	15.40	/	/	<=33	Pass
		Inner_1RB_Right	12.45	/	/	14.00	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.55dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n2 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
				HV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	2.40	0.0013	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	5.30	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-0.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.30	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.80	0.0004	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.50	0.0003	≥ -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
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	-1.00	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	1.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-0.20	-0.0001	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.50	0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	0.70	0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.70	0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	1.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.50	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.70	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.00	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n2 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	1.00	0.0005	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			-20	NV	2.30	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	1.20	0.0006	>=-2.5 & <=2.5	Pass
				HV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
			0	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	0.50	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	0.30	0.0002	>=-2.5 & <=2.5	Pass
			40	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	10.30	0.0055	>=-2.5 & <=2.5	Pass
			10	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-0.50	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	0.60	0.0003	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass

				HV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
				HV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	0.30	0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	-0.20	-0.0001	>=-2.5 & <=2.5	Pass
			0	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	10.20	0.0054	>=-2.5 & <=2.5	Pass
			30	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	2.20	0.0012	>=-2.5 & <=2.5	Pass
				HV	3.50	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-15.80	-0.0084	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_15MHz

5G NR n2 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	2.20	0.0012	>=-2.5 & <=2.5	Pass
				HV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-0.30	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			20	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	1.30	0.0007	>=-2.5 & <=2.5	Pass
				HV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass

			30	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	2.50	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
				HV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	2.90	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
			DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	2.60
HV	2.10	0.0011					>=-2.5 & <=2.5	Pass
-30	NV	3.20				0.0017	>=-2.5 & <=2.5	Pass
-20	NV	2.40				0.0013	>=-2.5 & <=2.5	Pass
-10	NV	2.50				0.0013	>=-2.5 & <=2.5	Pass
0	NV	1.20				0.0006	>=-2.5 & <=2.5	Pass
10	NV	1.20				0.0006	>=-2.5 & <=2.5	Pass
20	NV	1.10				0.0006	>=-2.5 & <=2.5	Pass
30	NV	1.60				0.0009	>=-2.5 & <=2.5	Pass
40	NV	2.10				0.0011	>=-2.5 & <=2.5	Pass
50	NV	1.30				0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1880	Outer_Full				20	LV	-2.70
			HV	0.30	0.0002		>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	1880	Outer_Full	20	LV	0.30
HV	-1.90	-0.0010					>=-2.5 & <=2.5	Pass
-30	NV	-0.60				-0.0003	>=-2.5 & <=2.5	Pass
-20	NV	-2.10				-0.0011	>=-2.5 & <=2.5	Pass
-10	NV	-1.80				-0.0010	>=-2.5 & <=2.5	Pass
0	NV	-2.70				-0.0014	>=-2.5 & <=2.5	Pass
10	NV	-1.90				-0.0010	>=-2.5 & <=2.5	Pass
20	NV	-1.30				-0.0007	>=-2.5 & <=2.5	Pass
30	NV	-2.20				-0.0012	>=-2.5 & <=2.5	Pass
40	NV	0.90				0.0005	>=-2.5 & <=2.5	Pass
50	NV	-0.80				-0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full				20	LV	-2.00
			HV	-1.20	-0.0006		>=-2.5 & <=2.5	Pass
			-30	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	0.50	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			CP-OFDM 256 QAM	1880	Outer_Full	20	LV	-1.70

				HV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	0.10	0.0001	>=-2.5 & <=2.5	Pass
			0	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	0.60	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	2.70	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass

2.1.4 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 QPSK	1880	Outer_Full	20	LV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	1.00	0.0005	>=-2.5 & <=2.5	Pass
				HV	-0.30	-0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
				HV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	0.80	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	1.20	0.0006	>=-2.5 & <=2.5	Pass

			30	NV	2.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.50	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	0.30	0.0002	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.70	0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.70	0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	1.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	0.80	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	0.60	0.0003	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.40	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			30	NV	0.50	0.0003	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	1.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	1.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.50	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	0.70	0.0004	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	0.80	0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.00	0.0005	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	0.60	0.0003	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.50	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	0.80	0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.70	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	0.70	0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass

2.1.5 30k_SISO_10MHz

5G NR n2 SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	-1.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.40	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-3.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.60	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.50	0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.80	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	50	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	2.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.90	0.0031	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.90	0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	31.10	0.0165	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	40	NV	4.10	0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.70	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.50	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.30	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.90	-0.0058	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	30	NV	-5.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.00	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.10	-0.0048	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.40	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	NV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.50	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	0.70	0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	25.70	0.0137	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-1.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.70	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	4.30	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.10	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.30	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.00	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.20	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.80	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.70	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.20	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	4.30	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	-4.50	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.90	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.40	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.20	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.40	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.30	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.6 30k_SISO_15MHz

5G NR n2 SCS=30kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	-2.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.70	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.30	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.50	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.60	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.50	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.50	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-3.60	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.90	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.40	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.40	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.40	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.90	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.20	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-3.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-2.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.10	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.60	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.70	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	-2.30	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.90	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.60	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.40	-0.0050	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.00	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.40	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-10.90	-0.0058	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.00	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	1880	Outer_Full	50	NV	-3.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-1.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.30	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.80	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.70	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.30	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	1880	Outer_Full	40	NV	-1.60	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	2.70	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	1.00	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.70	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.20	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.60	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.60	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.00	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	1880	Outer_Full	30	NV	-2.70	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-6.40	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.90	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.50	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.30	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	NV	-4.50	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	33.80	0.0180	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.60	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.60	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	3.60	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-26.30	-0.0140	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-5.20	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass

2.1.7 30k_SISO_20MHz

5G NR n2 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full	20	LV	1.30	0.0007	>=-2.5 & <=2.5	Pass
				HV	4.20	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	3.00	0.0016	>=-2.5 & <=2.5	Pass
				HV	3.80	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	1.50	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	3.50	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-6.60	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	3.30	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	0.50	0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	3.00	0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	2.70	0.0014	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass

			-10	NV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	0.50	0.0003	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-2.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.30	0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	50	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.70	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	40	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.00	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.80	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.80	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.80	-0.0020	≥ -2.5 & ≤ 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_20MHz_NTNV

5G NR n2 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1880	Outer_Full	Refer To Test Graph				Pass

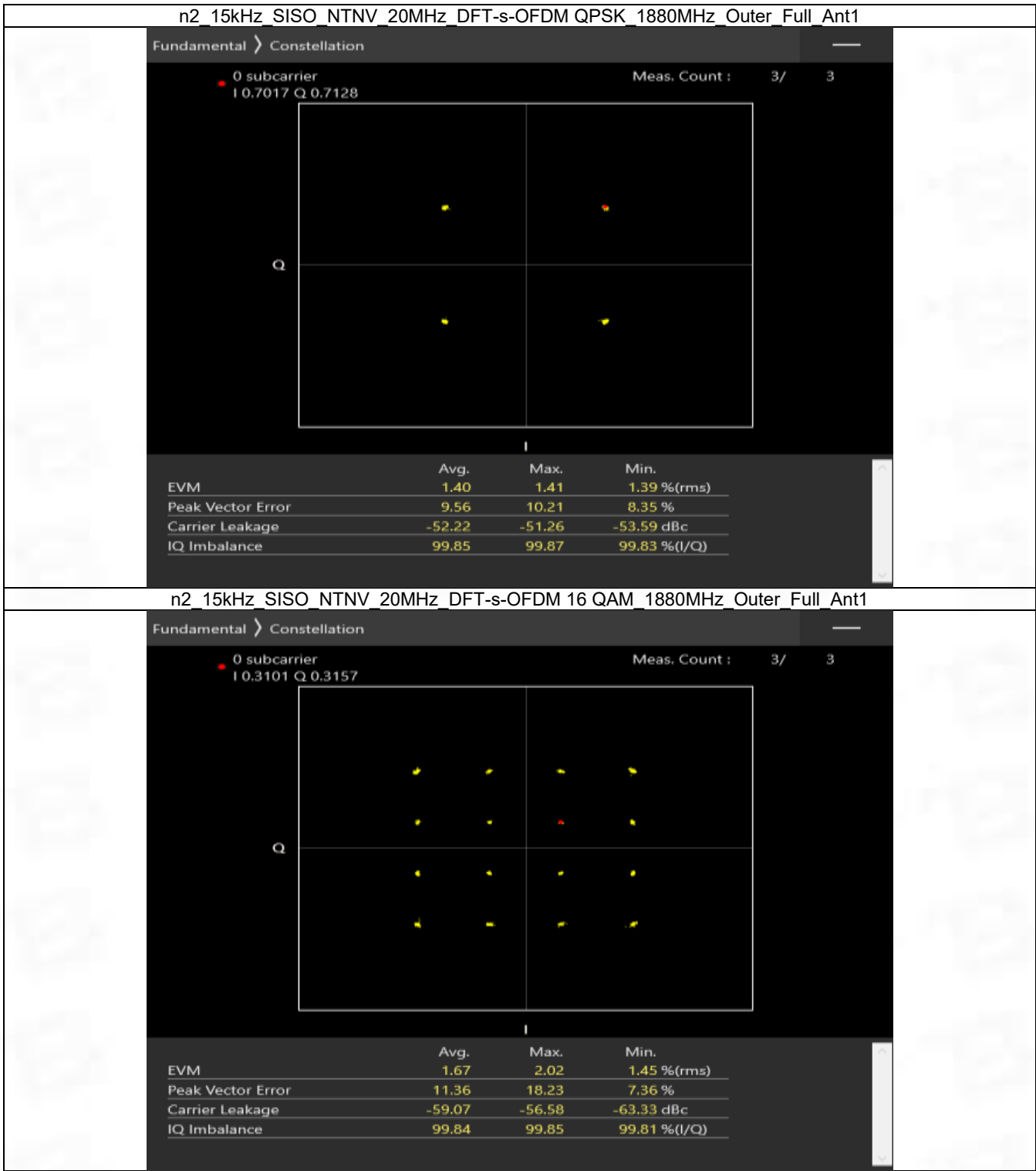
CP-OFDM 16 QAM	1880	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 64 QAM	1880	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 256 QAM	1880	Outer_Full	Refer To Test Graph	Pass

3.1.2 30k_SISO_20MHz_NTNV

5G NR n2 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1880	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	1880	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	1880	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	1880	Outer_Full	Refer To Test Graph				Pass

3.2 Test Graph

3.2.1 15k_SISO_20MHz_NTNV



n2 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4764 Q 0.7592

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.50	1.51	1.49 %(rms)
Peak Vector Error	6.38	6.80	5.78 %
Carrier Leakage	-52.73	-51.67	-53.87 dBc
IQ Imbalance	99.87	99.88	99.85 %(I/Q)

n2 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5320 Q 0.5381

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.56	1.57	1.54 %(rms)
Peak Vector Error	6.83	7.16	6.34 %
Carrier Leakage	-60.83	-59.54	-63.42 dBc
IQ Imbalance	99.85	99.87	99.83 %(I/Q)

n2 15kHz SISO NTN 20MHz CP-OFDM QPSK 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.7029 Q 0.7162

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	2.11	2.23	2.03 %(rms)
Peak Vector Error	7.17	8.27	6.32 %
Carrier Leakage	-49.33	-48.24	-50.35 dBc
IQ Imbalance	99.80	99.84	99.78 %(I/Q)

n2 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.3146 Q 0.3236

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	1.80	1.83	1.78 %(rms)
Peak Vector Error	6.07	6.64	5.71 %
Carrier Leakage	-44.42	-44.27	-44.51 dBc
IQ Imbalance	99.79	99.84	99.73 %(I/Q)

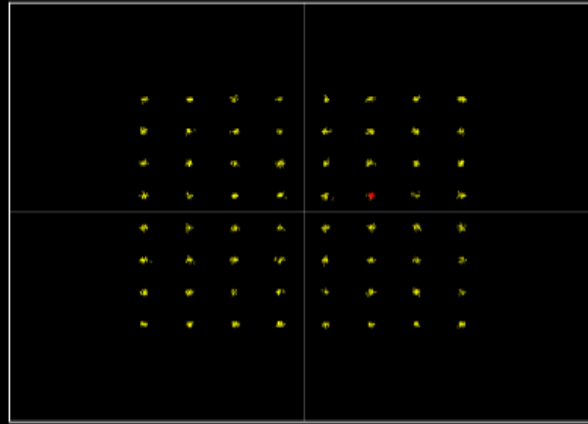
n2 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4667 Q 0.1533

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	1.72	1.74	1.70 %(rms)
Peak Vector Error	5.64	5.93	5.48 %
Carrier Leakage	-49.10	-48.74	-49.83 dBc
IQ Imbalance	99.82	99.84	99.81 %(I/Q)

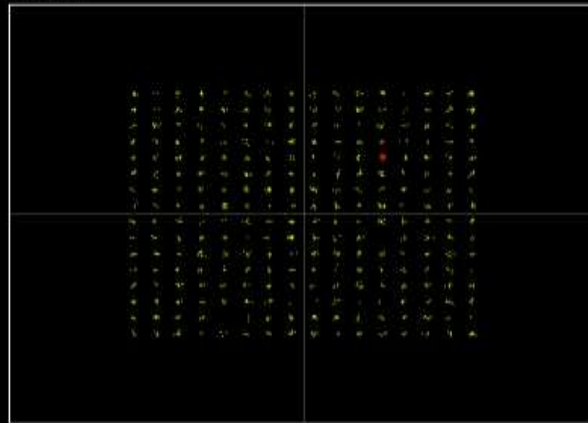
n2 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5449 Q 0.5470

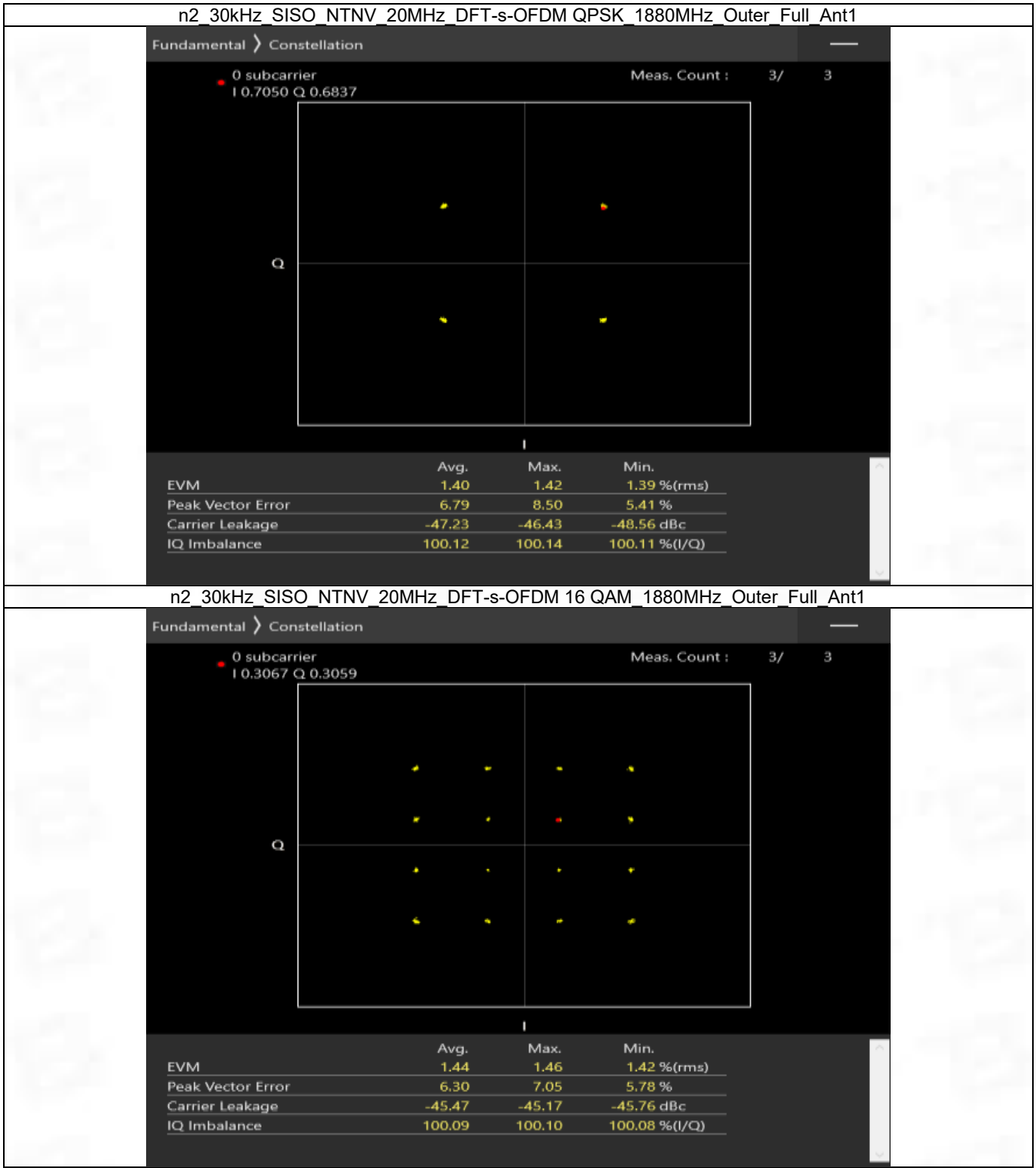
Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	1.67	1.69	1.65 %(rms)
Peak Vector Error	5.78	6.12	5.24 %
Carrier Leakage	-50.15	-49.61	-50.81 dBc
IQ Imbalance	99.82	99.86	99.78 %(I/Q)

3.2.2 30k_SISO_20MHz_NTNV



n2 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4621 Q 0.4521

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.52	1.52	1.51 %(rms)
Peak Vector Error	6.09	6.23	5.89 %
Carrier Leakage	-48.08	-47.56	-48.93 dBc
IQ Imbalance	100.08	100.10	100.05 %(I/Q)

n2 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5329 Q 0.5176

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.52	1.53	1.51 %(rms)
Peak Vector Error	6.31	6.76	5.95 %
Carrier Leakage	-38.24	-38.07	-38.38 dBc
IQ Imbalance	100.07	100.08	100.06 %(I/Q)

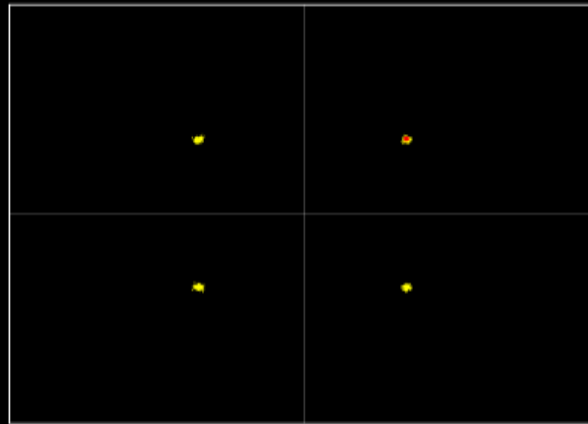
n2 30kHz SISO NTN 20MHz CP-OFDM QPSK 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.7011 Q 0.7148

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.01	2.01	2.00 %(rms)
Peak Vector Error	6.50	6.84	6.25 %
Carrier Leakage	-39.39	-39.16	-39.81 dBc
IQ Imbalance	100.11	100.15	100.06 %(I/Q)

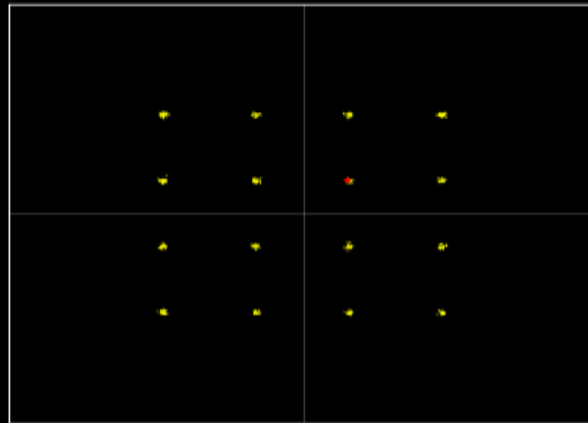
n2 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.3065 Q 0.3248

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	1.90	1.91	1.88 %(rms)
Peak Vector Error	6.37	6.83	5.89 %
Carrier Leakage	-38.15	-38.03	-38.32 dBc
IQ Imbalance	100.09	100.13	100.07 %(I/Q)

n2 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.1498 Q 0.4736

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	1.83	1.86	1.78 %(rms)
Peak Vector Error	5.83	6.15	5.50 %
Carrier Leakage	-39.53	-39.29	-39.89 dBc
IQ Imbalance	100.13	100.16	100.10 %(I/Q)

n2 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 1880MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5428 Q 0.5325

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	1.89	1.91	1.88 %(rms)
Peak Vector Error	6.56	7.62	5.85 %
Carrier Leakage	-44.53	-44.25	-44.82 dBc
IQ Imbalance	100.06	100.07	100.04 %(I/Q)

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n2 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1852.5	Outer_Full	4.57	5.04	/	Pass
	1880	Outer_Full	4.61	5.07	/	Pass
	1907.5	Outer_Full	4.59	5.07	/	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	4.57	5.07	/	Pass
	1880	Outer_Full	4.57	5.06	/	Pass
	1907.5	Outer_Full	4.55	5.06	/	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	4.57	5.02	/	Pass
	1880	Outer_Full	4.61	5.06	/	Pass
	1907.5	Outer_Full	4.57	5.04	/	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	4.54	5.02	/	Pass
	1880	Outer_Full	4.57	5.07	/	Pass
	1907.5	Outer_Full	4.55	5.05	/	Pass
CP-OFDM QPSK	1852.5	Outer_Full	4.57	5.04	/	Pass
	1880	Outer_Full	4.54	5.05	/	Pass
	1907.5	Outer_Full	4.53	5.02	/	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	4.55	5.02	/	Pass
	1880	Outer_Full	4.55	5.02	/	Pass
	1907.5	Outer_Full	4.55	5.03	/	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	4.57	5.05	/	Pass
	1880	Outer_Full	4.56	5.04	/	Pass
	1907.5	Outer_Full	4.53	5.04	/	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	4.52	5.03	/	Pass
	1880	Outer_Full	4.54	5.04	/	Pass
	1907.5	Outer_Full	4.55	5.06	/	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n2 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1855	Outer_Full	9.07	9.90	/	Pass
	1880	Outer_Full	9.06	9.93	/	Pass
	1905	Outer_Full	9.06	9.88	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	9.07	9.97	/	Pass
	1880	Outer_Full	9.07	9.94	/	Pass
	1905	Outer_Full	9.06	9.88	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	9.08	9.90	/	Pass
	1880	Outer_Full	9.09	9.94	/	Pass
	1905	Outer_Full	9.07	9.93	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	9.05	9.98	/	Pass
	1880	Outer_Full	9.05	10.00	/	Pass
	1905	Outer_Full	9.04	9.97	/	Pass
CP-OFDM QPSK	1855	Outer_Full	9.40	10.19	/	Pass
	1880	Outer_Full	9.39	10.16	/	Pass
	1905	Outer_Full	9.37	10.17	/	Pass

CP-OFDM 16 QAM	1855	Outer_Full	9.40	10.18	/	Pass
	1880	Outer_Full	9.40	10.13	/	Pass
	1905	Outer_Full	9.37	10.19	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	9.41	10.15	/	Pass
	1880	Outer_Full	9.41	10.12	/	Pass
	1905	Outer_Full	9.41	10.15	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	9.40	10.12	/	Pass
	1880	Outer_Full	9.39	10.16	/	Pass
	1905	Outer_Full	9.39	10.16	/	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n2 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.62	14.83	/	Pass
	1880	Outer_Full	13.62	14.81	/	Pass
	1902.5	Outer_Full	13.62	14.75	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.61	14.85	/	Pass
	1880	Outer_Full	13.66	14.92	/	Pass
	1902.5	Outer_Full	13.63	14.89	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.63	14.87	/	Pass
	1880	Outer_Full	13.63	14.78	/	Pass
	1902.5	Outer_Full	13.62	14.90	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.69	14.89	/	Pass
	1880	Outer_Full	13.62	14.84	/	Pass
	1902.5	Outer_Full	13.68	14.93	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	14.28	15.36	/	Pass
	1880	Outer_Full	14.27	15.42	/	Pass
	1902.5	Outer_Full	14.23	15.42	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	14.32	15.34	/	Pass
	1880	Outer_Full	14.31	15.40	/	Pass
	1902.5	Outer_Full	14.30	15.35	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	14.32	15.49	/	Pass
	1880	Outer_Full	14.31	15.41	/	Pass
	1902.5	Outer_Full	14.30	15.52	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	14.30	15.47	/	Pass
	1880	Outer_Full	14.29	15.33	/	Pass
	1902.5	Outer_Full	14.30	15.45	/	Pass

4.1.4 15k_SISO_20MHz_NTNV

5G NR n2 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1860	Outer_Full	18.12	19.57	/	Pass
	1880	Outer_Full	18.14	19.58	/	Pass
	1900	Outer_Full	18.16	19.60	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.14	19.64	/	Pass
	1880	Outer_Full	18.13	19.64	/	Pass
	1900	Outer_Full	18.15	19.66	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.16	19.61	/	Pass
	1880	Outer_Full	18.17	19.67	/	Pass
	1900	Outer_Full	18.19	19.70	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.12	19.57	/	Pass
	1880	Outer_Full	18.14	19.58	/	Pass

CP-OFDM QPSK	1900	Outer_Full	18.12	19.64	/	Pass
	1860	Outer_Full	19.16	20.46	/	Pass
	1880	Outer_Full	19.15	20.49	/	Pass
	1900	Outer_Full	19.18	20.45	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	19.16	20.54	/	Pass
	1880	Outer_Full	19.17	20.55	/	Pass
	1900	Outer_Full	19.18	20.51	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	19.18	20.52	/	Pass
	1880	Outer_Full	19.19	20.49	/	Pass
	1900	Outer_Full	19.21	20.50	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	19.13	20.58	/	Pass
	1880	Outer_Full	19.12	20.58	/	Pass
	1900	Outer_Full	19.11	20.48	/	Pass

4.1.5 30k_SISO_10MHz_NTNV

5G NR n2 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1855	Outer_Full	8.80	10.03	/	Pass
	1880	Outer_Full	8.81	10.03	/	Pass
	1905	Outer_Full	8.79	9.97	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	8.75	9.96	/	Pass
	1880	Outer_Full	8.74	9.95	/	Pass
	1905	Outer_Full	8.73	9.94	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	8.77	9.94	/	Pass
	1880	Outer_Full	8.76	9.91	/	Pass
	1905	Outer_Full	8.77	9.91	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	8.73	9.95	/	Pass
	1880	Outer_Full	8.76	9.96	/	Pass
	1905	Outer_Full	8.77	9.97	/	Pass
CP-OFDM QPSK	1855	Outer_Full	8.83	9.99	/	Pass
	1880	Outer_Full	8.79	10.03	/	Pass
	1905	Outer_Full	8.80	10.32	/	Pass
CP-OFDM 16 QAM	1855	Outer_Full	8.74	9.91	/	Pass
	1880	Outer_Full	8.77	9.96	/	Pass
	1905	Outer_Full	8.76	11.22	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	8.79	9.90	/	Pass
	1880	Outer_Full	8.74	9.95	/	Pass
	1905	Outer_Full	8.74	9.91	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	8.79	9.93	/	Pass
	1880	Outer_Full	8.79	9.93	/	Pass
	1905	Outer_Full	8.78	9.96	/	Pass

4.1.6 30k_SISO_15MHz_NTNV

5G NR n2 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.15	14.85	/	Pass
	1880	Outer_Full	13.29	14.94	/	Pass
	1902.5	Outer_Full	13.25	14.95	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.11	14.83	/	Pass
	1880	Outer_Full	13.12	14.83	/	Pass
	1902.5	Outer_Full	13.10	14.81	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.27	14.93	/	Pass

DFT-s-OFDM 256 QAM	1880	Outer_Full	13.19	14.86	/	Pass
	1902.5	Outer_Full	13.17	14.82	/	Pass
	1857.5	Outer_Full	13.10	14.81	/	Pass
	1880	Outer_Full	13.07	14.77	/	Pass
	1902.5	Outer_Full	13.07	14.73	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	13.74	15.21	/	Pass
	1880	Outer_Full	13.77	15.11	/	Pass
	1902.5	Outer_Full	13.81	15.24	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	13.81	15.21	/	Pass
	1880	Outer_Full	13.81	15.31	/	Pass
	1902.5	Outer_Full	13.81	15.27	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	13.89	15.21	/	Pass
	1880	Outer_Full	13.86	15.29	/	Pass
	1902.5	Outer_Full	13.83	15.22	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	13.80	15.16	/	Pass
	1880	Outer_Full	13.81	15.22	/	Pass
	1902.5	Outer_Full	13.78	15.11	/	Pass

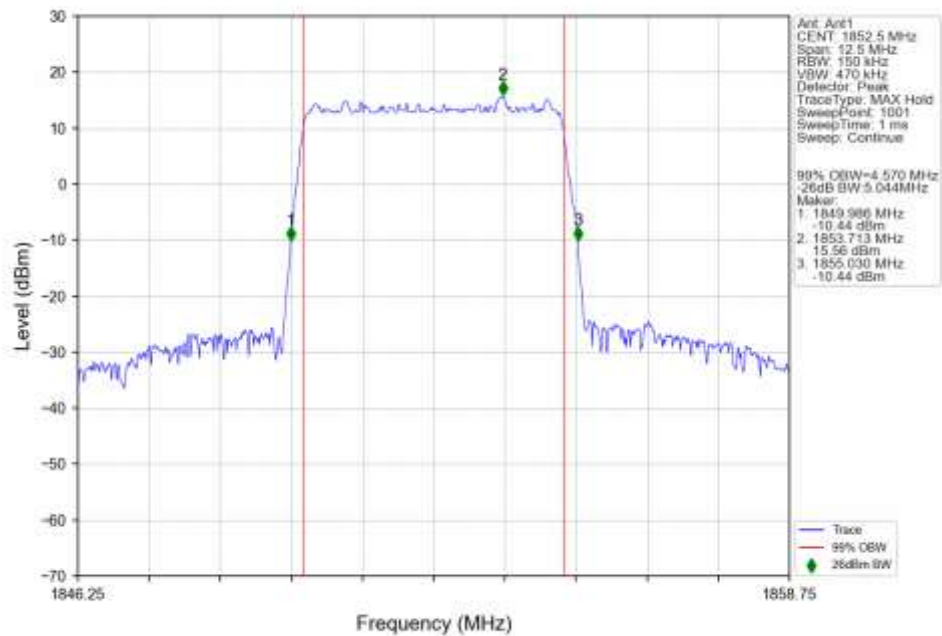
4.1.7 30k_SISO_20MHz_NTNV

5G NR n2 SCS=30kHz SISO 20MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1860	Outer_Full	18.13	19.85	/	Pass
	1880	Outer_Full	18.18	19.93	/	Pass
	1900	Outer_Full	18.14	19.71	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.14	19.88	/	Pass
	1880	Outer_Full	18.17	19.97	/	Pass
	1900	Outer_Full	18.13	19.93	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.19	19.91	/	Pass
	1880	Outer_Full	18.21	19.90	/	Pass
	1900	Outer_Full	18.21	19.87	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.14	20.07	/	Pass
	1880	Outer_Full	18.09	19.84	/	Pass
	1900	Outer_Full	18.13	20.03	/	Pass
CP-OFDM QPSK	1860	Outer_Full	18.45	20.14	/	Pass
	1880	Outer_Full	18.46	20.14	/	Pass
	1900	Outer_Full	18.46	20.15	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	18.52	20.17	/	Pass
	1880	Outer_Full	18.52	20.26	/	Pass
	1900	Outer_Full	18.54	20.20	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	18.51	20.27	/	Pass
	1880	Outer_Full	18.50	20.20	/	Pass
	1900	Outer_Full	18.50	20.14	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	18.48	20.21	/	Pass
	1880	Outer_Full	18.52	20.18	/	Pass
	1900	Outer_Full	18.46	20.18	/	Pass

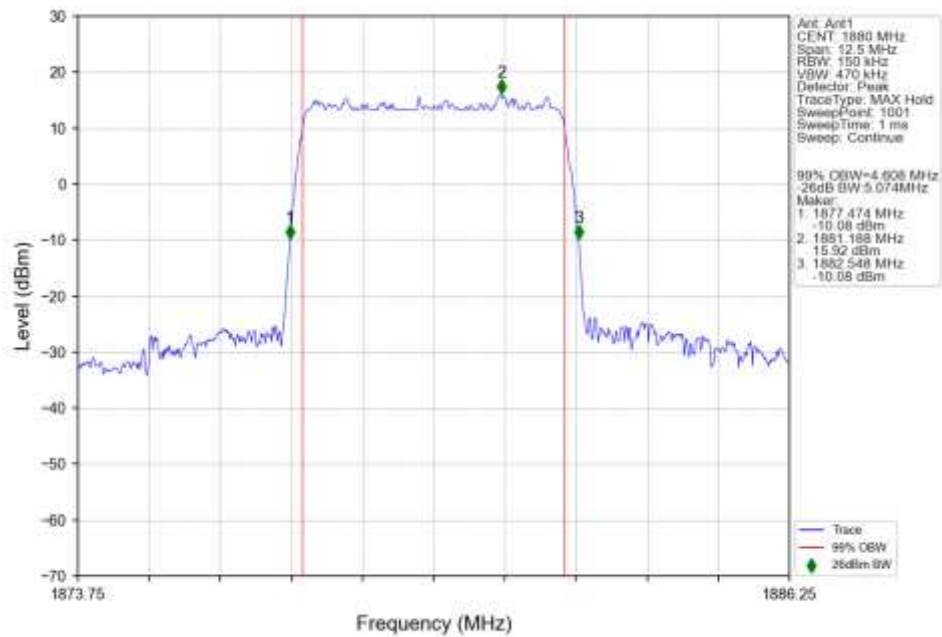
4.2 Test Graph

4.2.1 15k_SISO_5MHz_NTNV

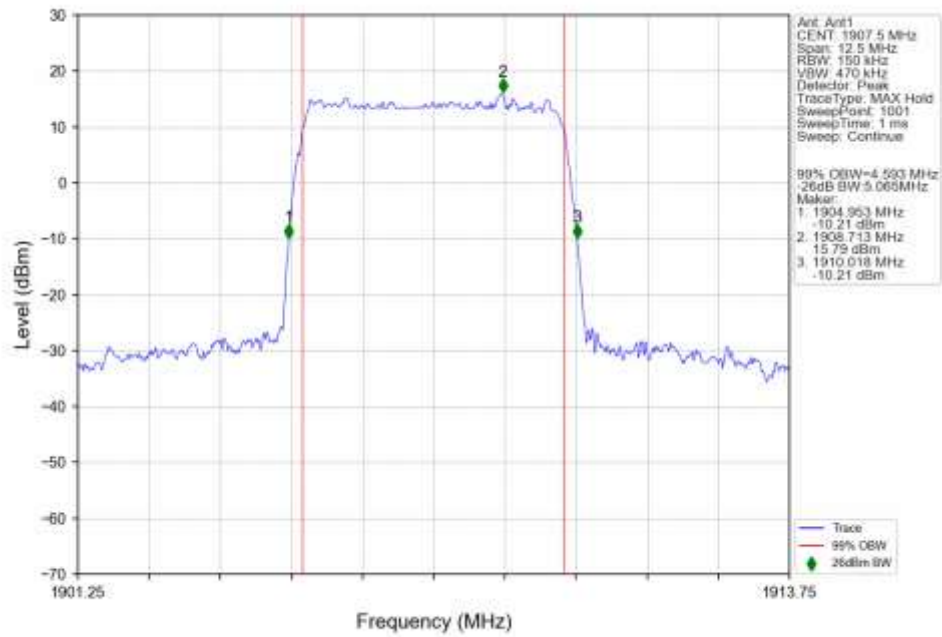
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Outer_Full_Ant1



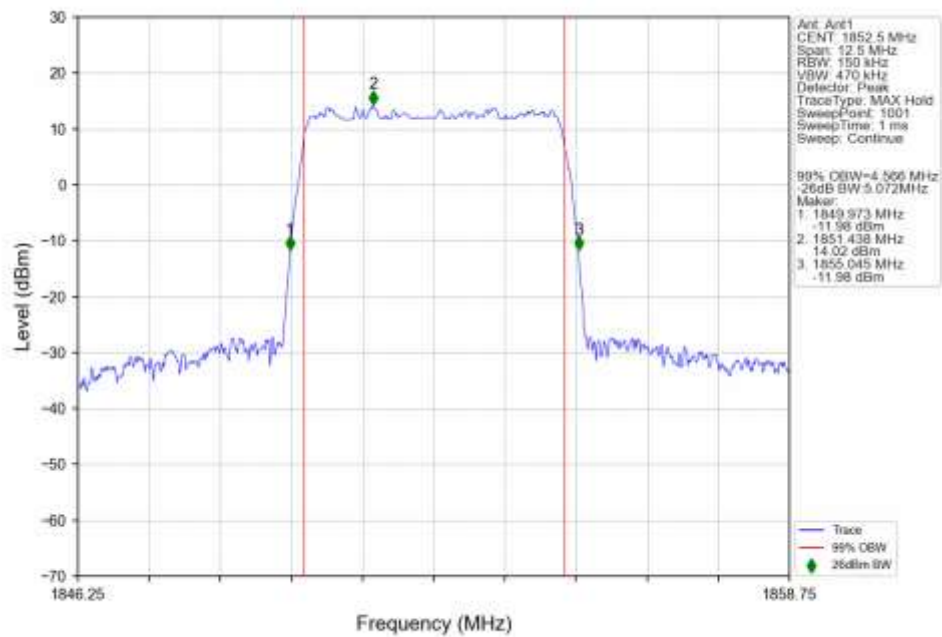
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1880MHz_Outer_Full_Ant1



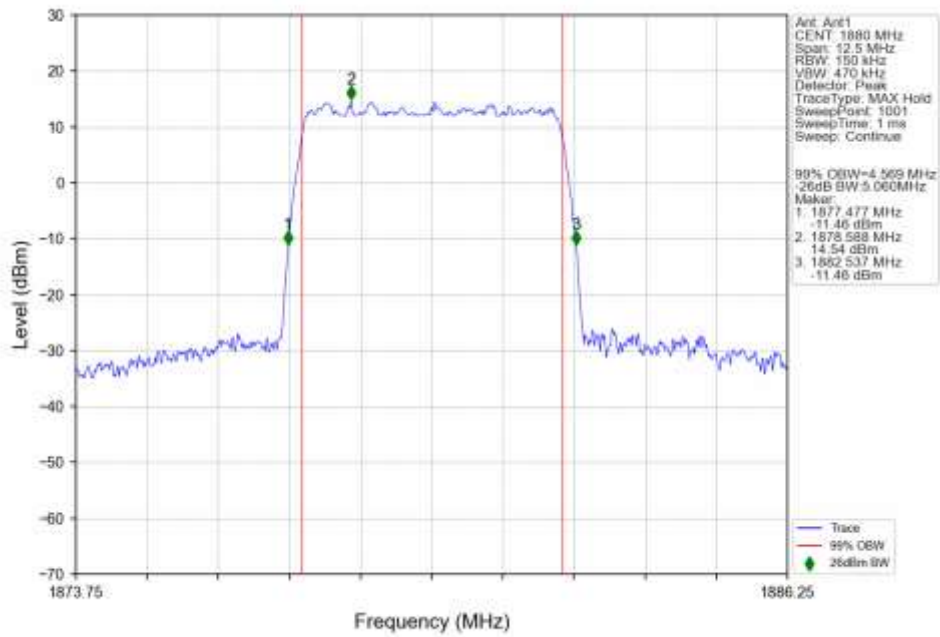
n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1907.5MHz Outer Full Ant1



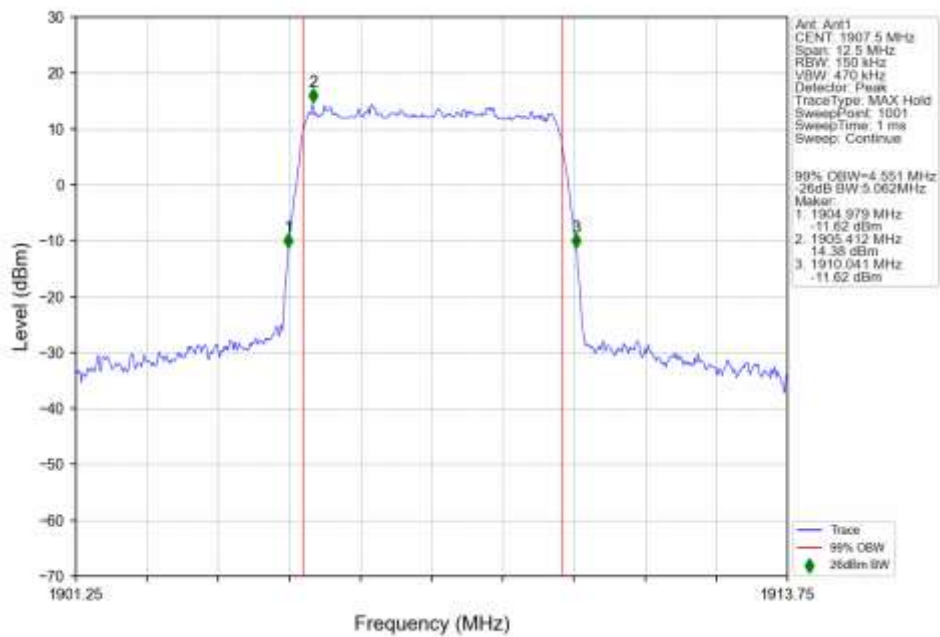
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1852.5MHz Outer Full Ant1



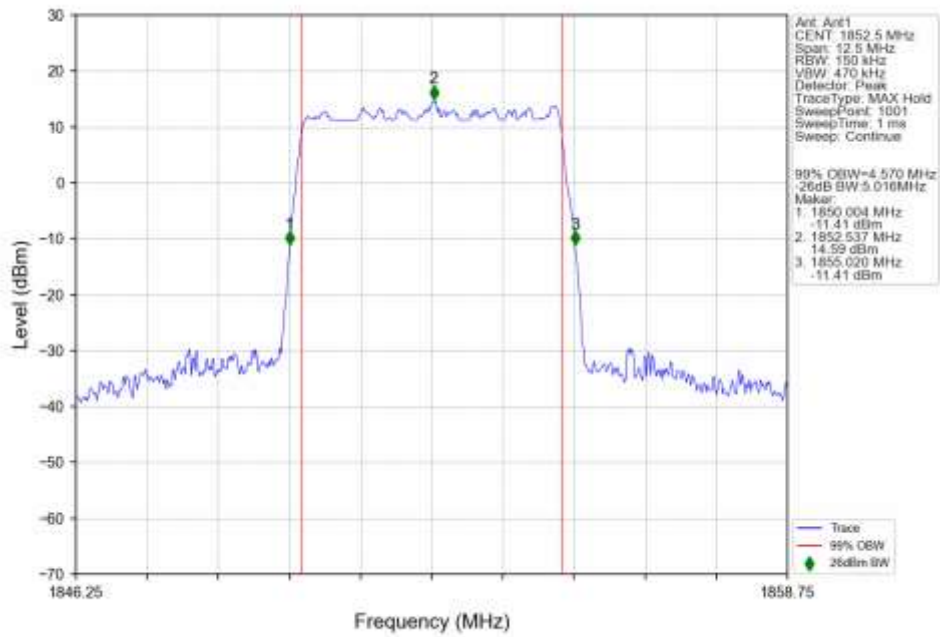
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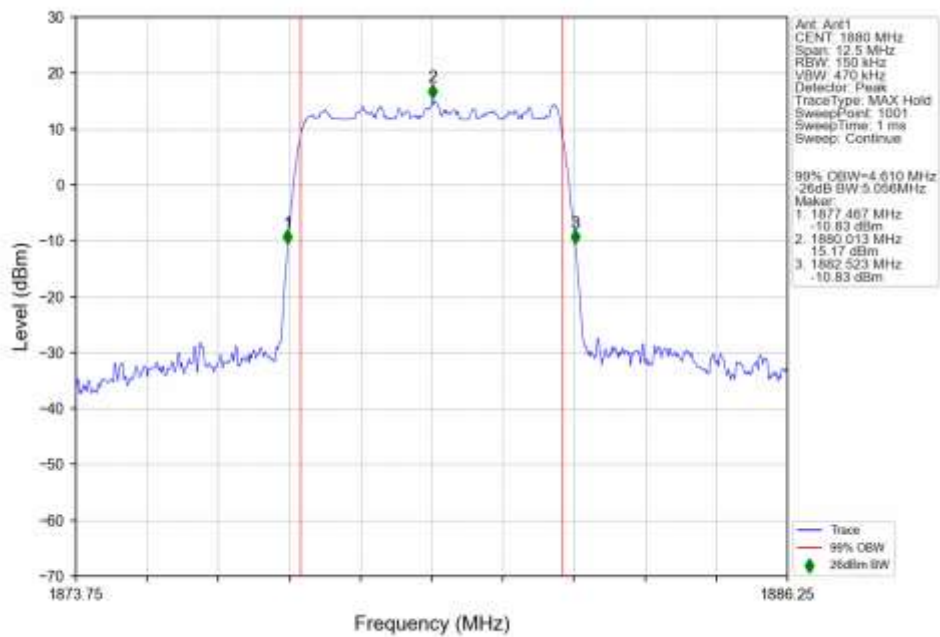
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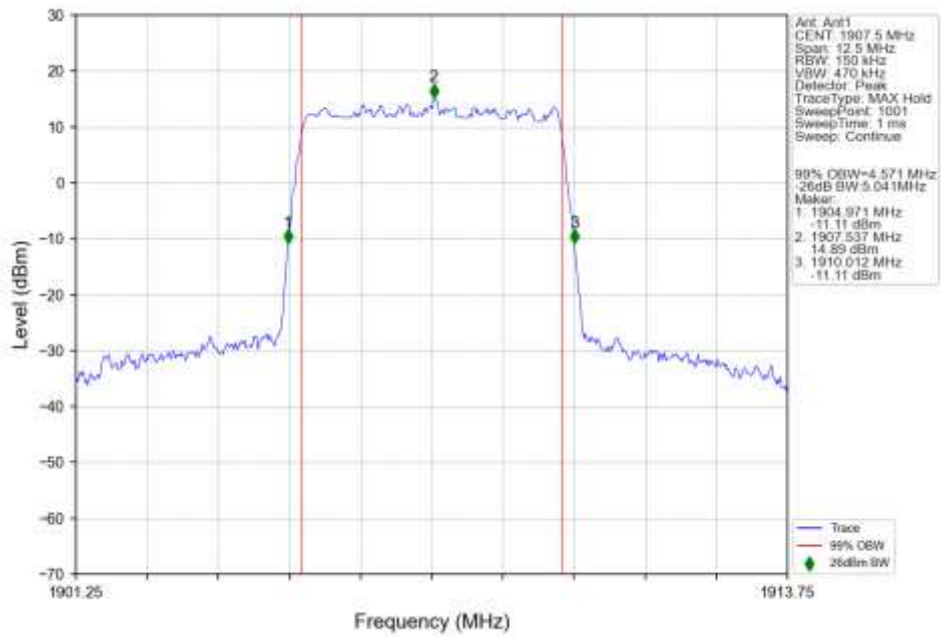
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1852.5MHz Outer Full Ant1



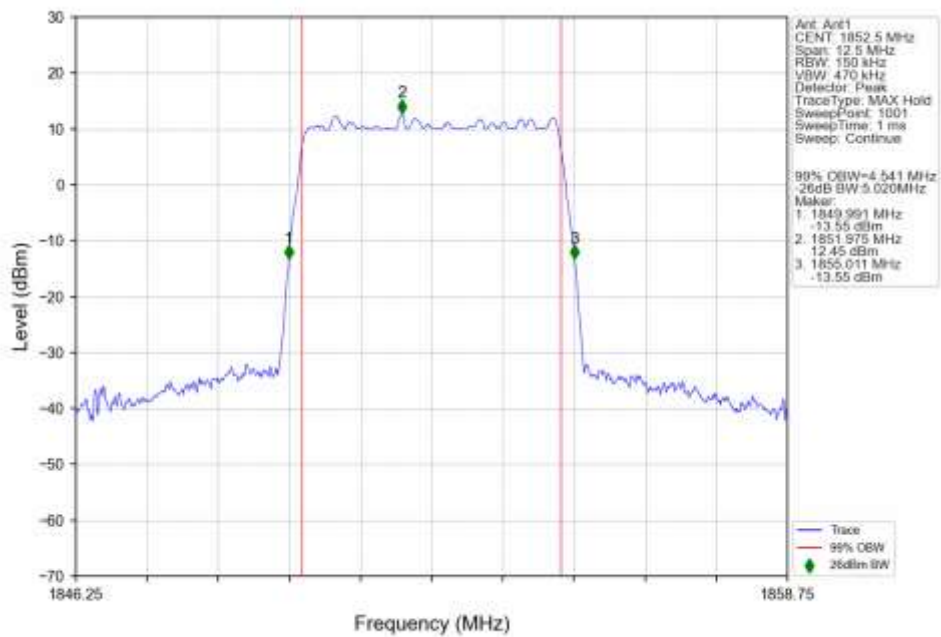
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant1



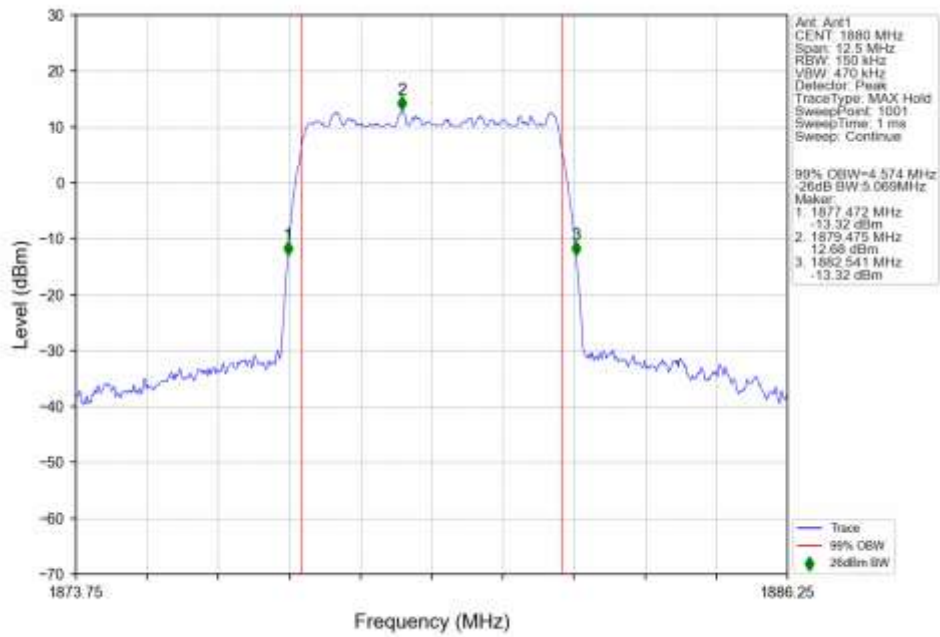
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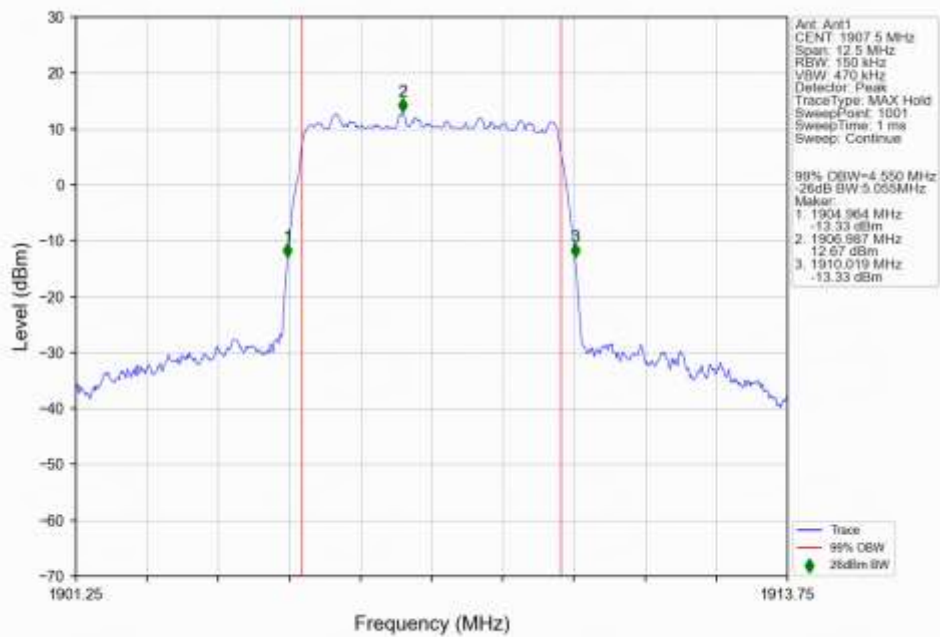
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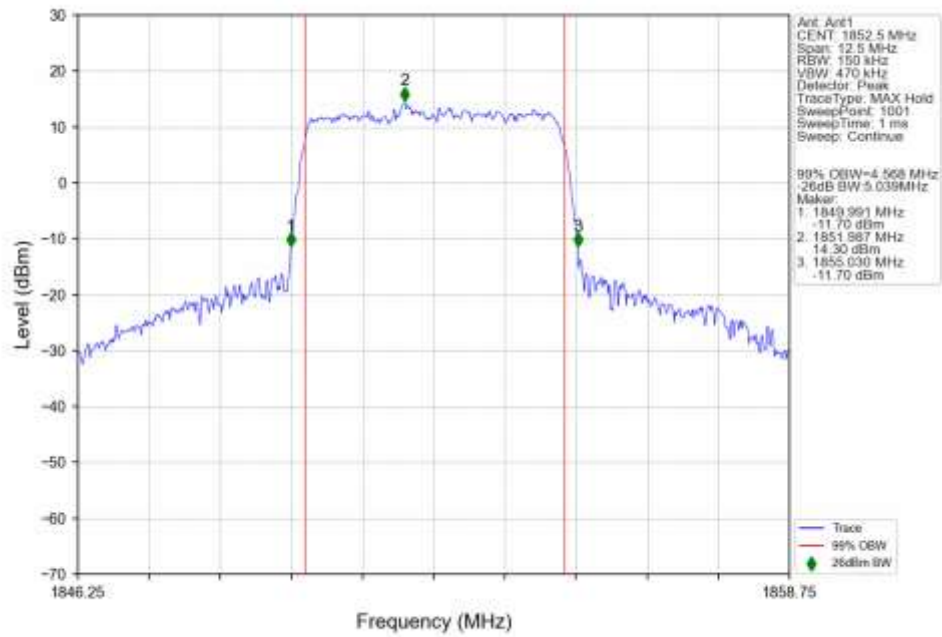
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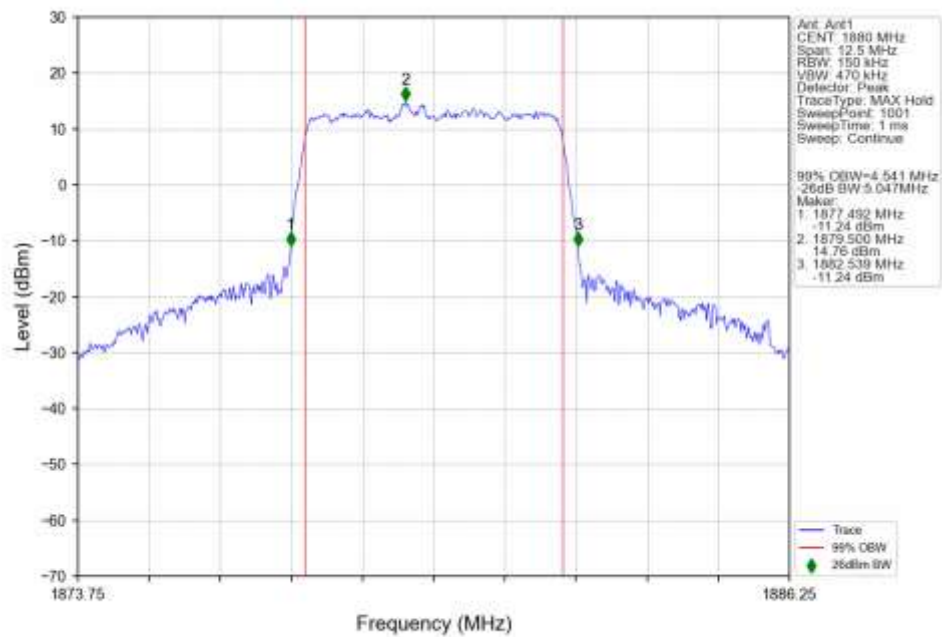
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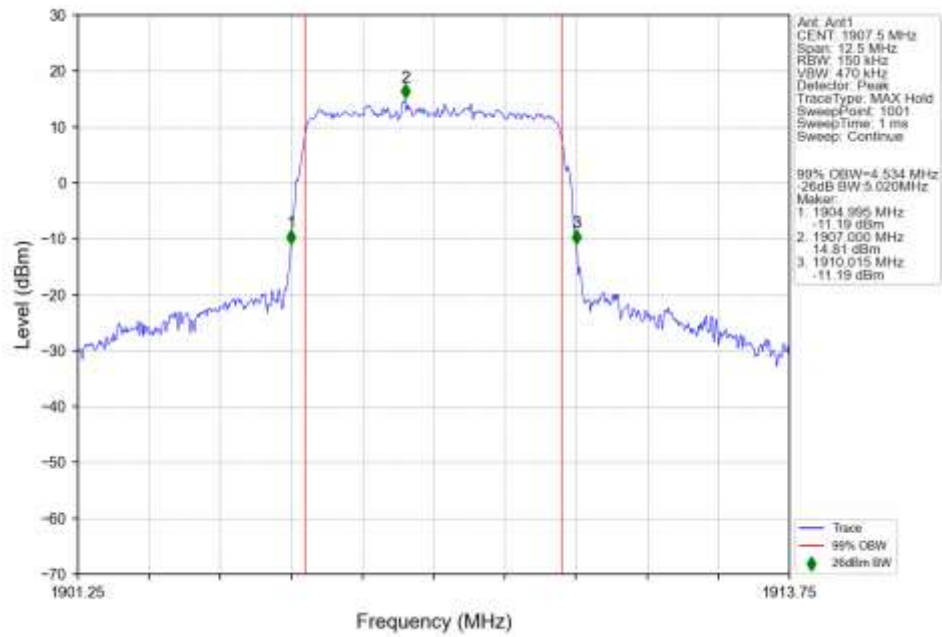
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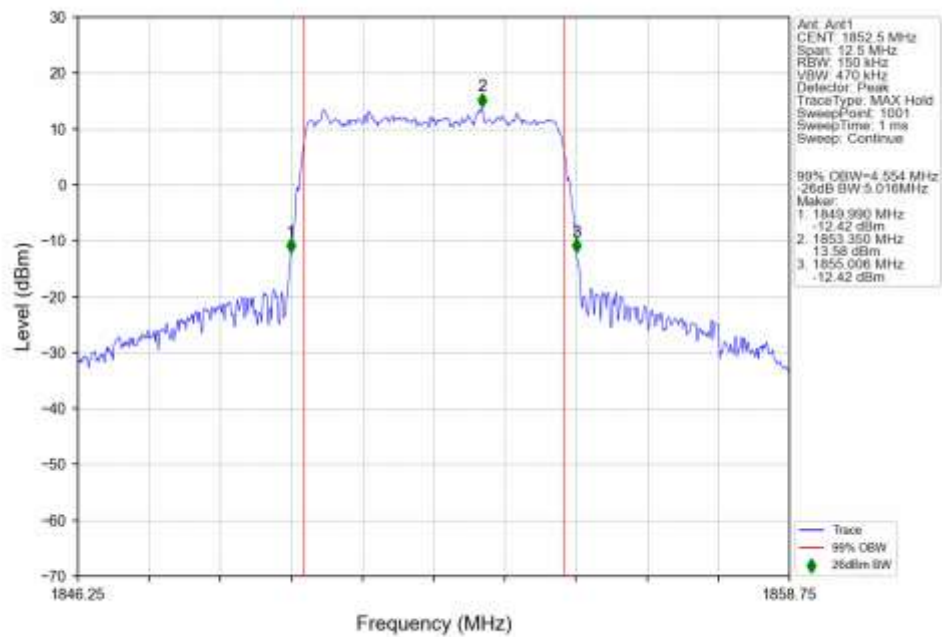
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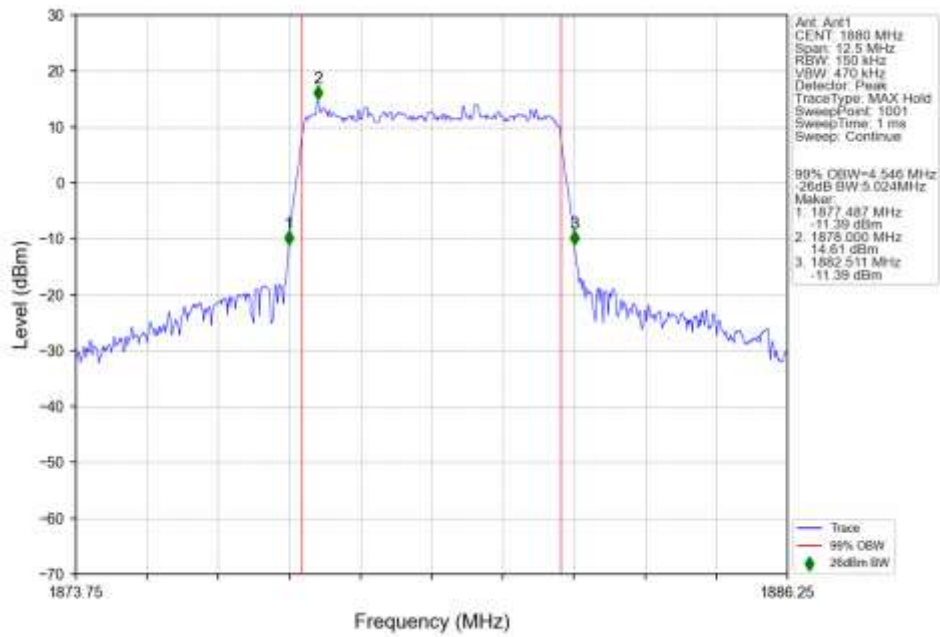
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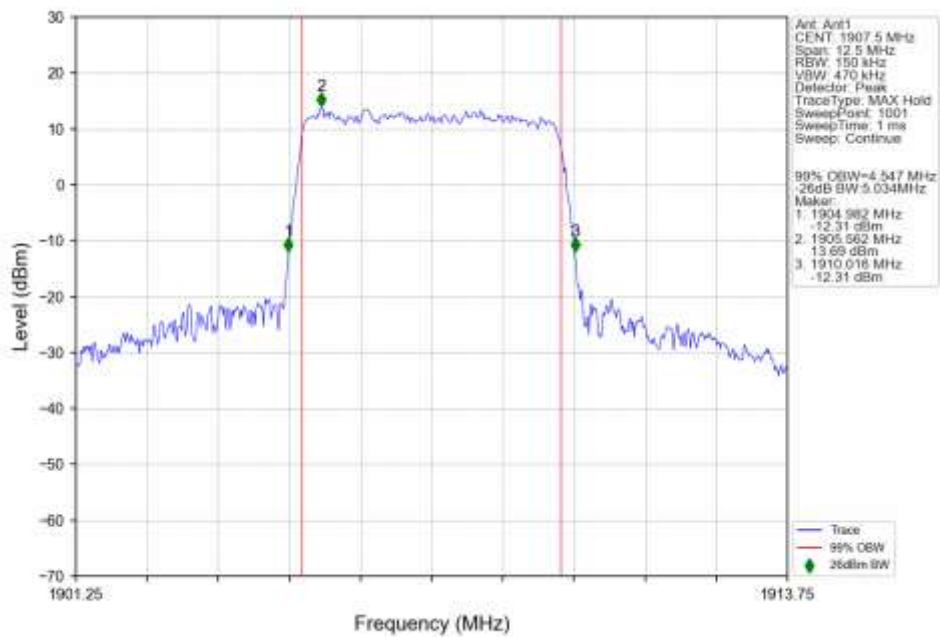
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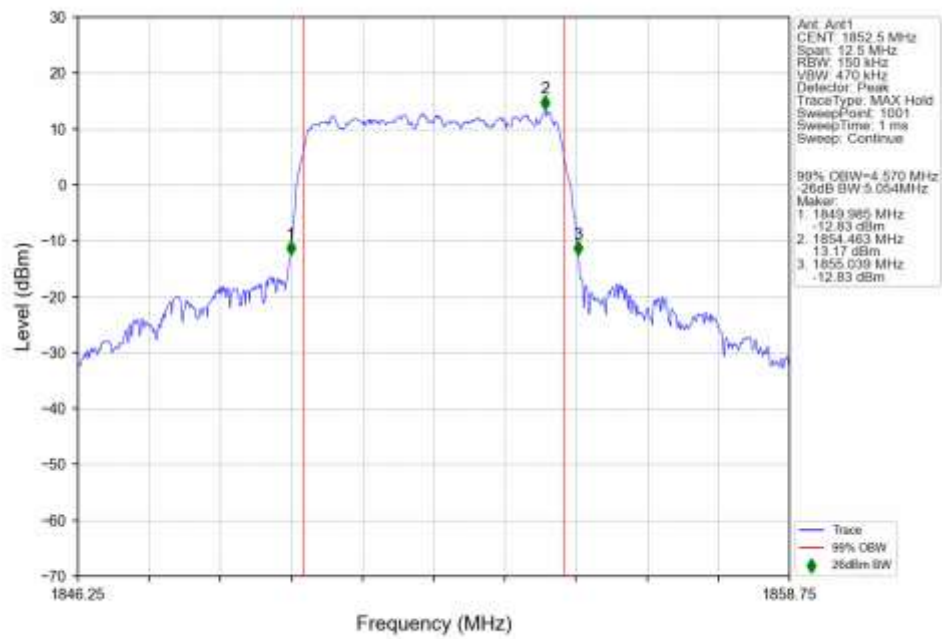
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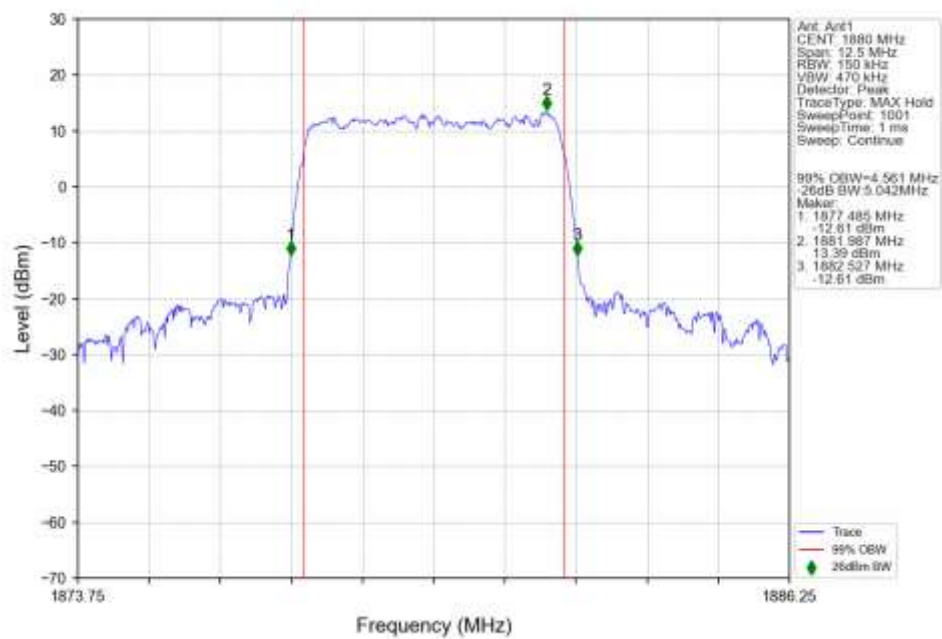
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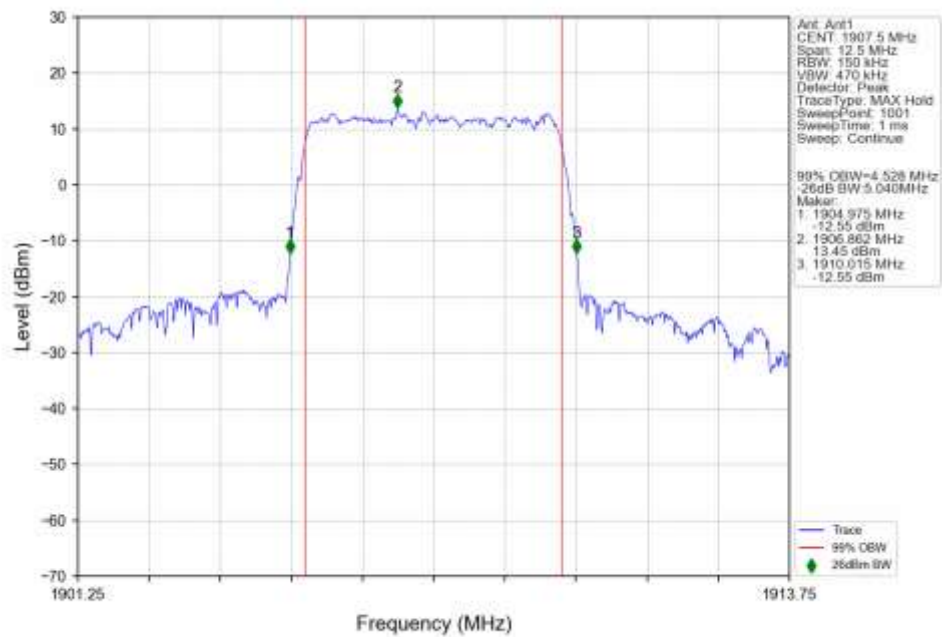
n2 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 1852.5MHz Outer Full Ant1



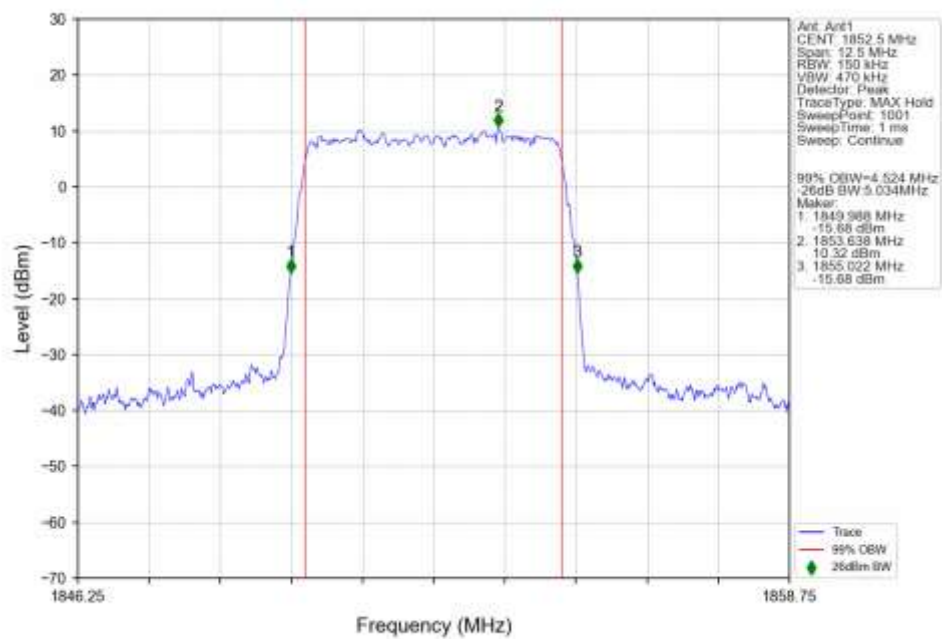
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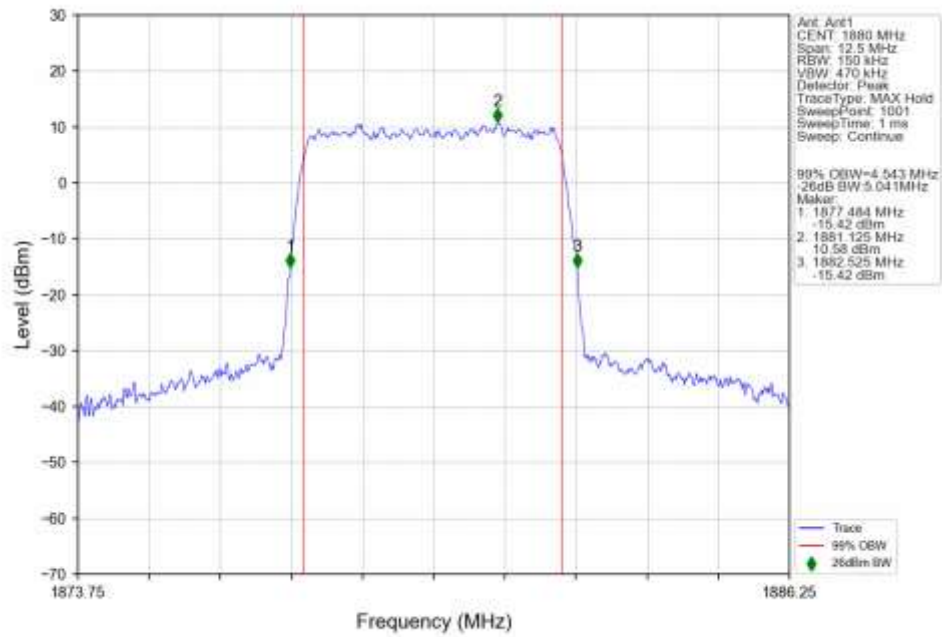
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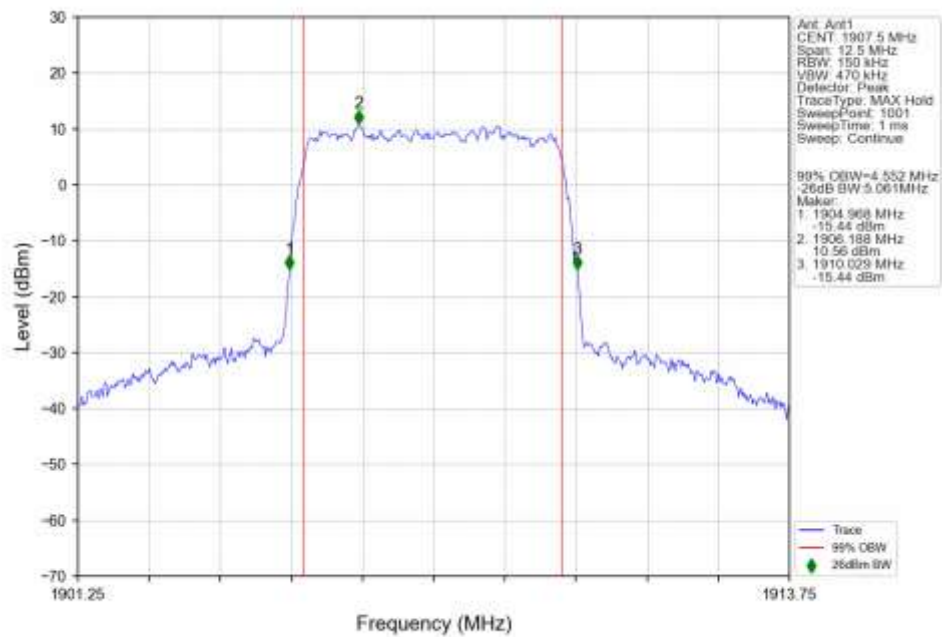
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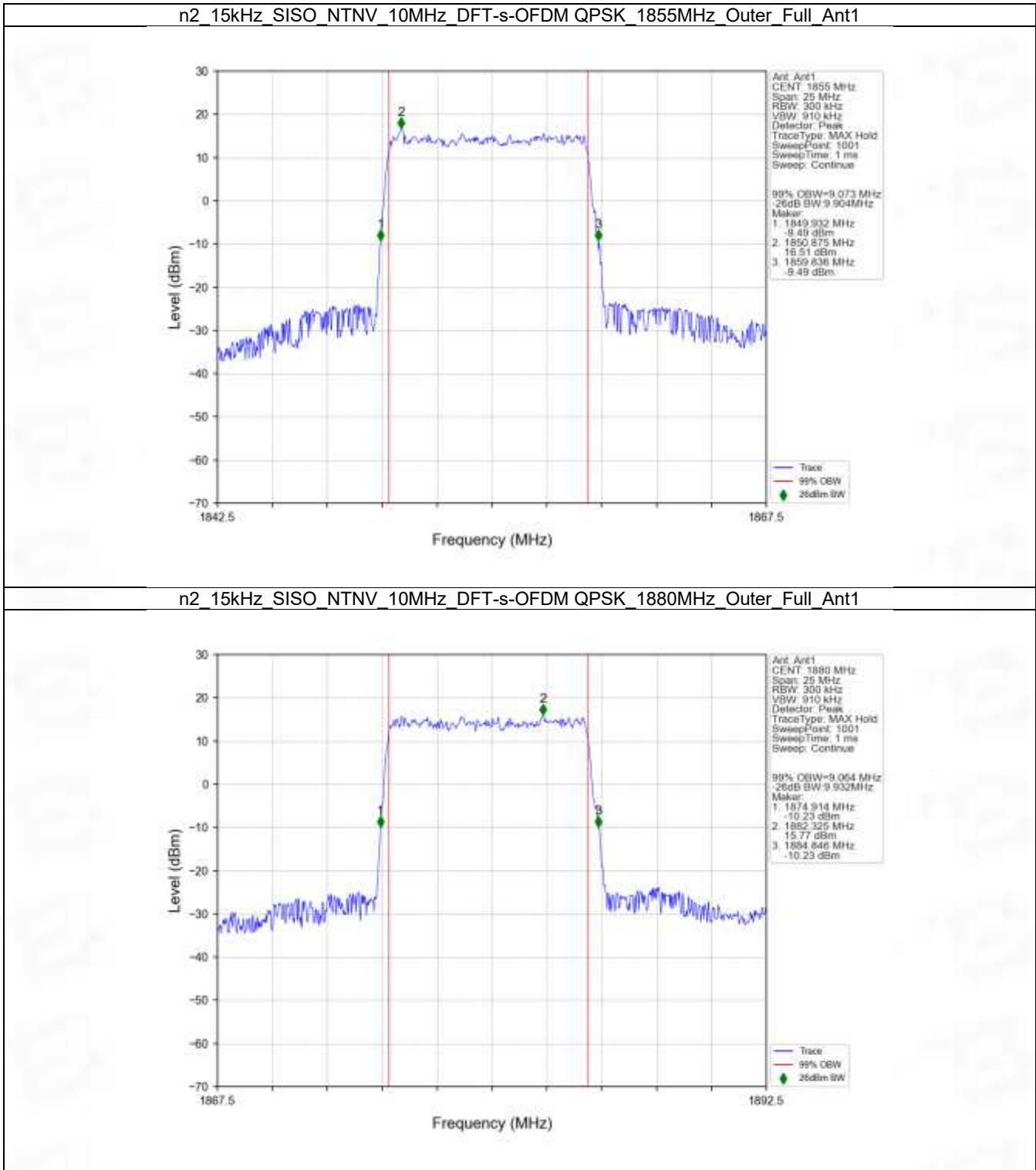
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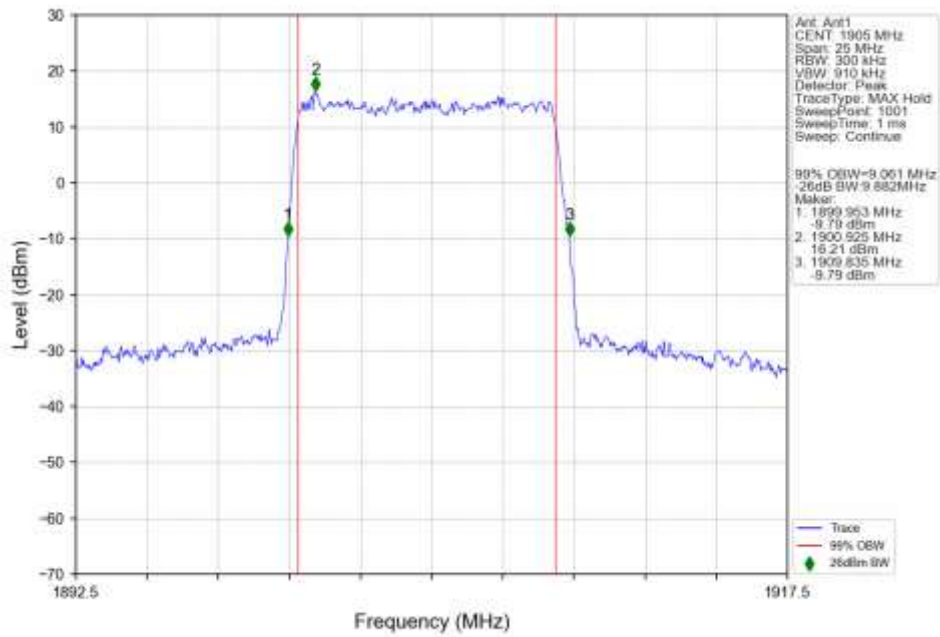
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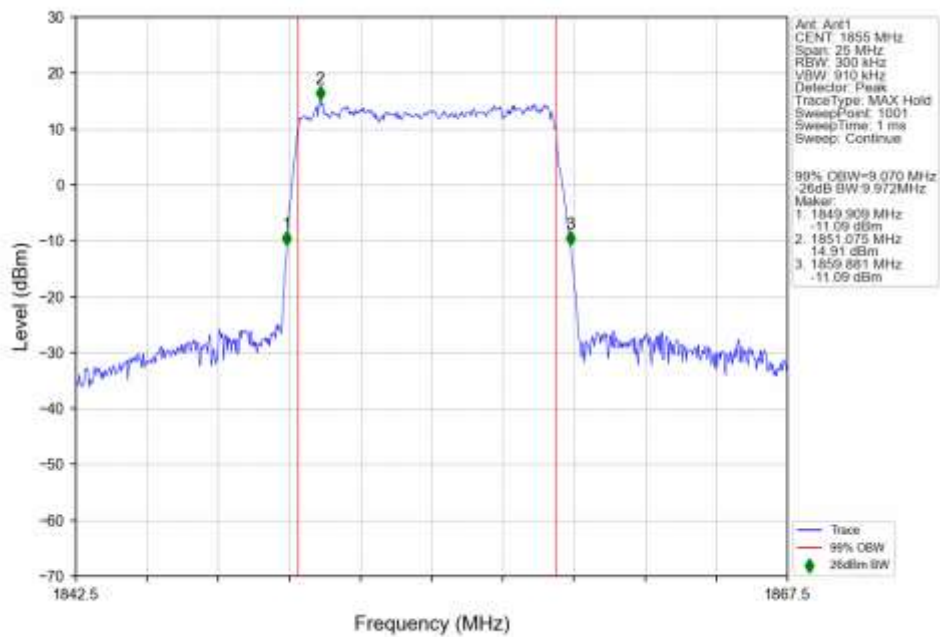
4.2.2 15k_SISO_10MHz_NTNV



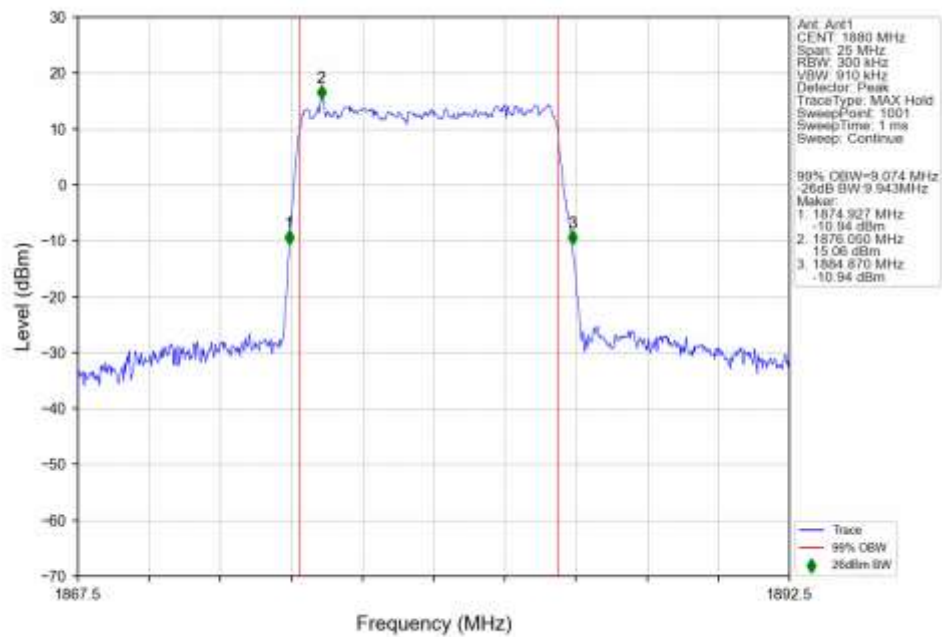
n2 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1905MHz Outer Full Ant1



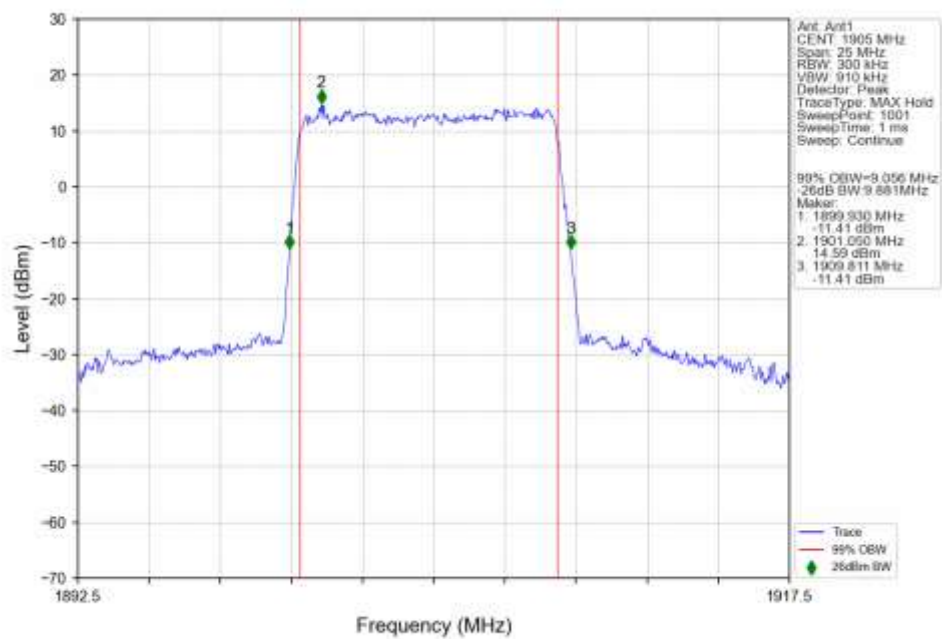
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 1855MHz Outer Full Ant1



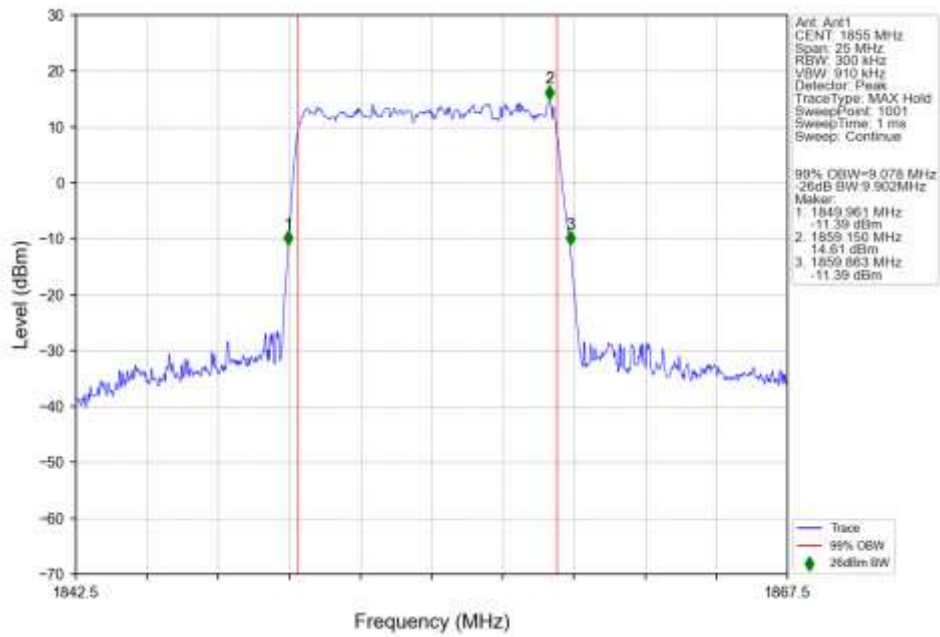
n2 15kHz SISO NTNv 10MHz DFT-s-OFDM 16 QAM 1880MHz Outer Full Ant1



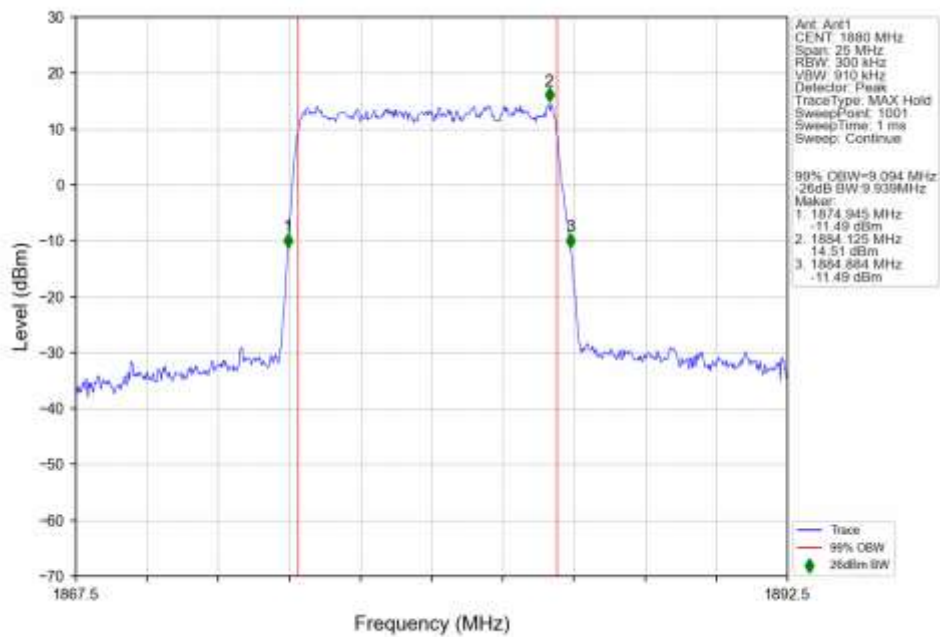
n2 15kHz SISO NTNv 10MHz DFT-s-OFDM 16 QAM 1905MHz Outer Full Ant1



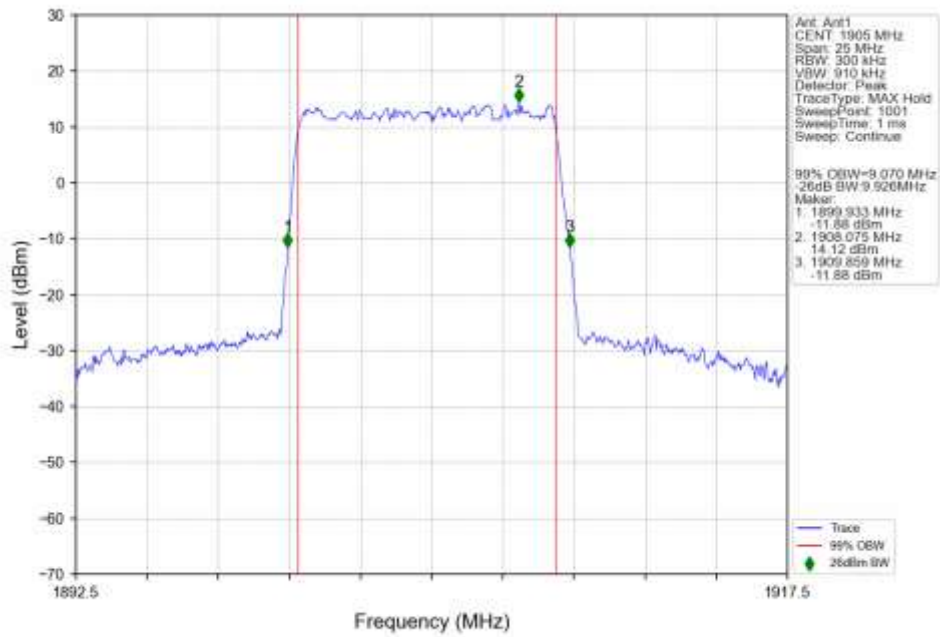
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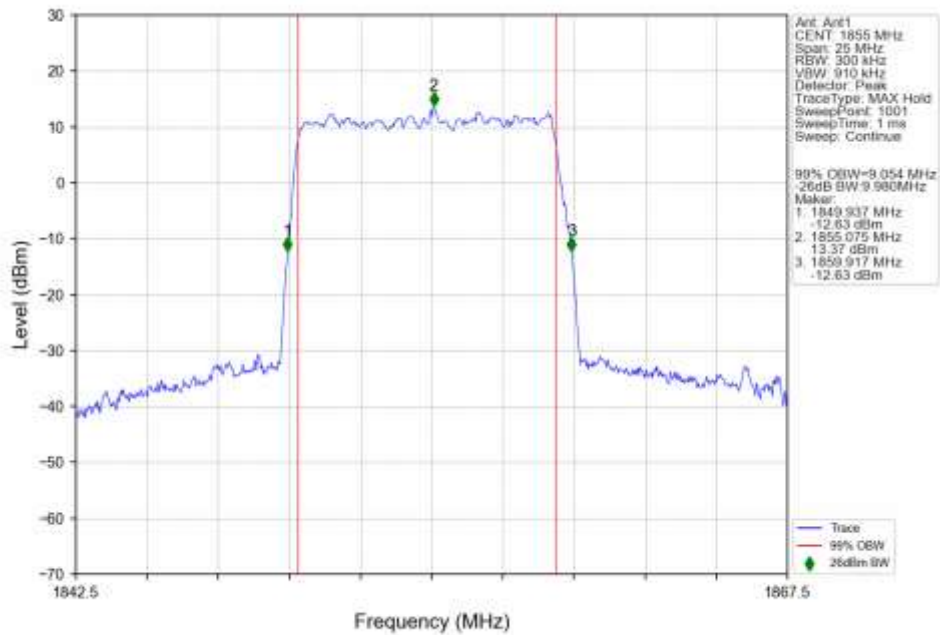
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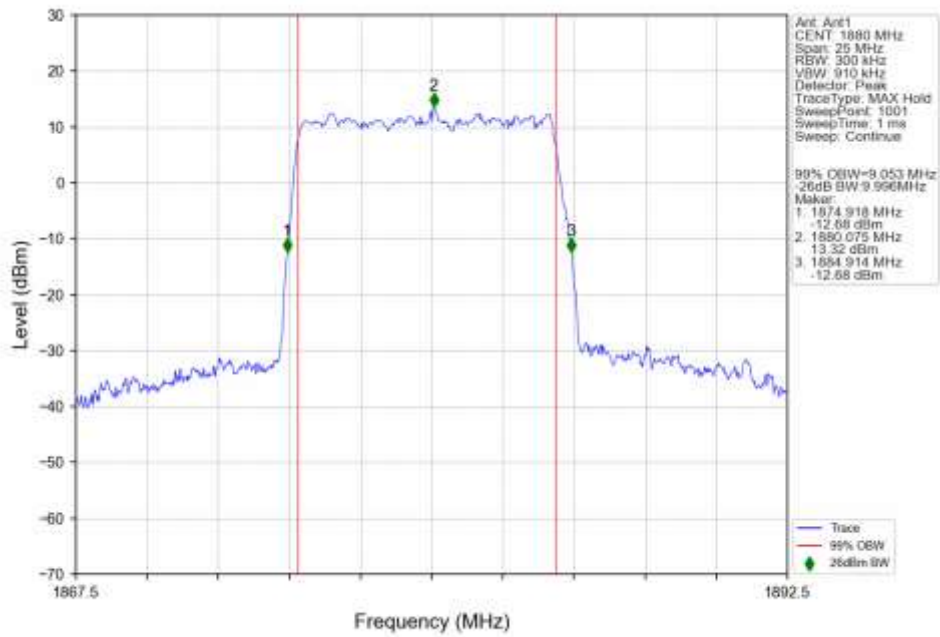
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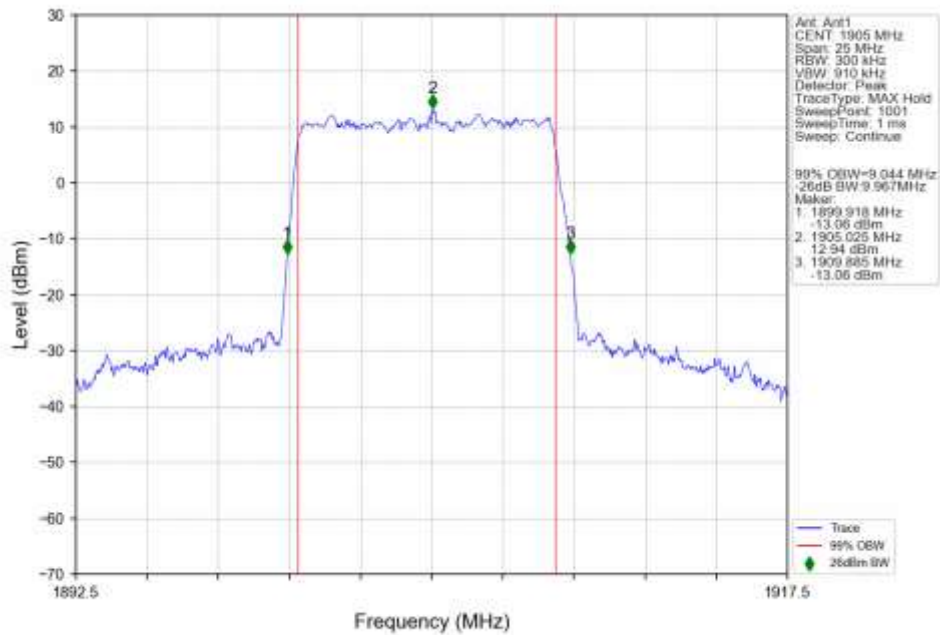
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 1855MHz Outer Full Ant1



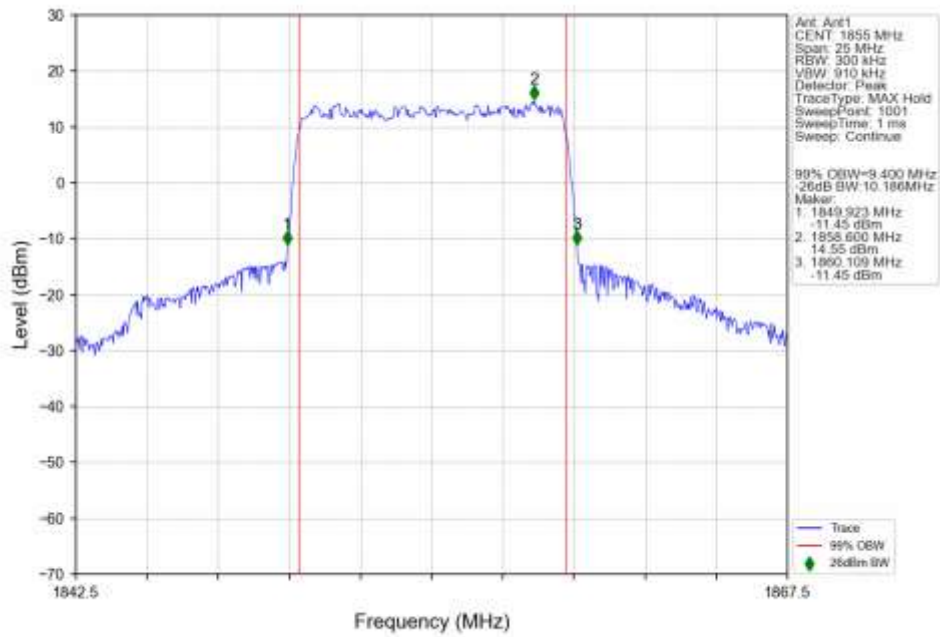
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 1880MHz Outer Full Ant1



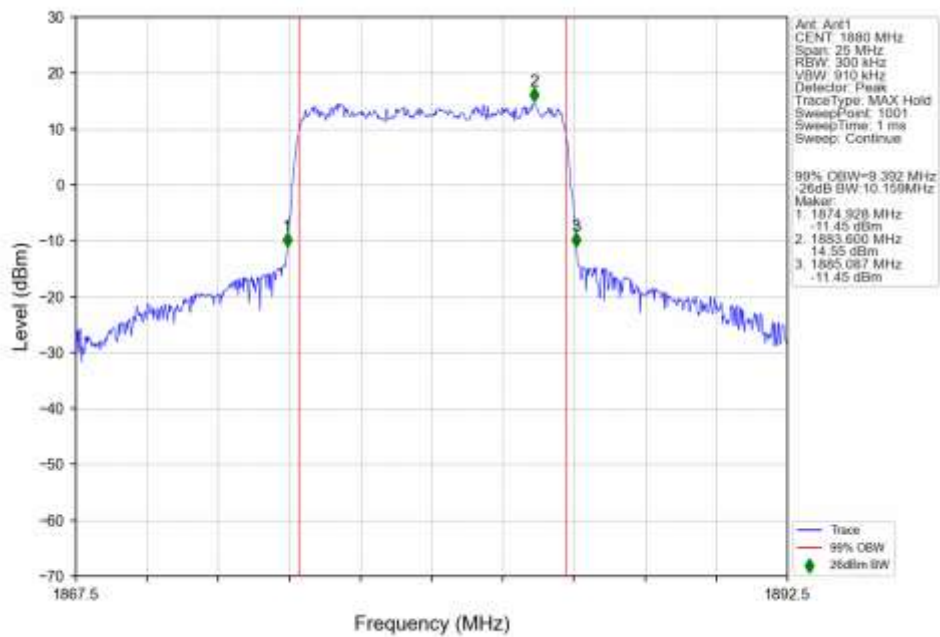
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 1905MHz Outer Full Ant1



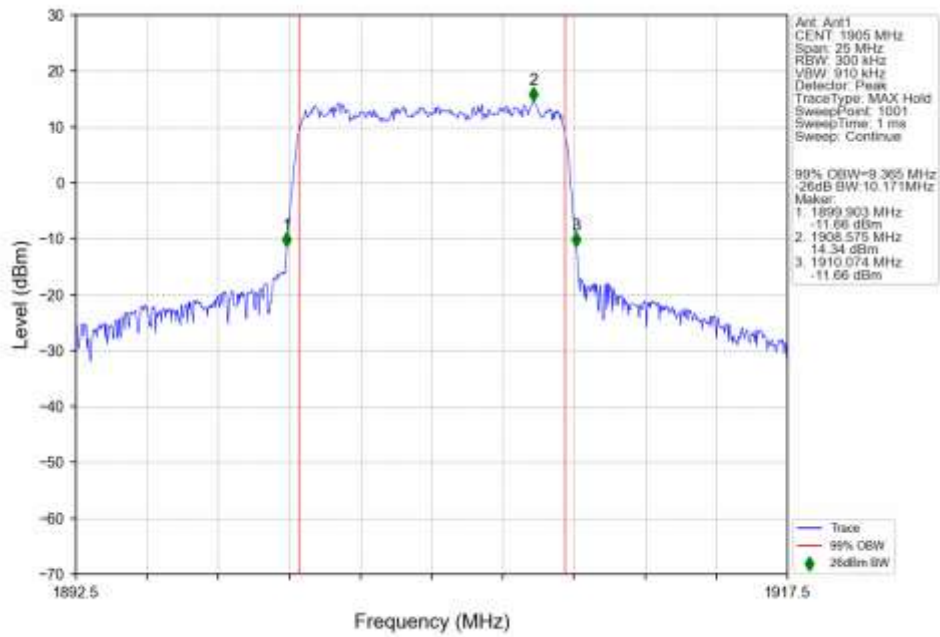
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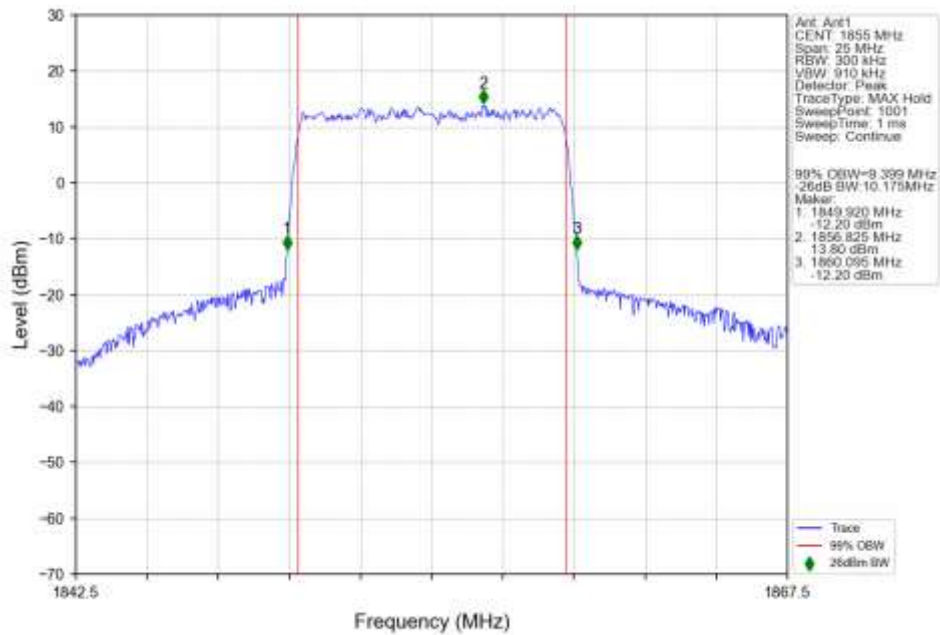
n2 15kHz SISO NTN 10MHz CP-OFDM QPSK 1880MHz Outer Full Ant1



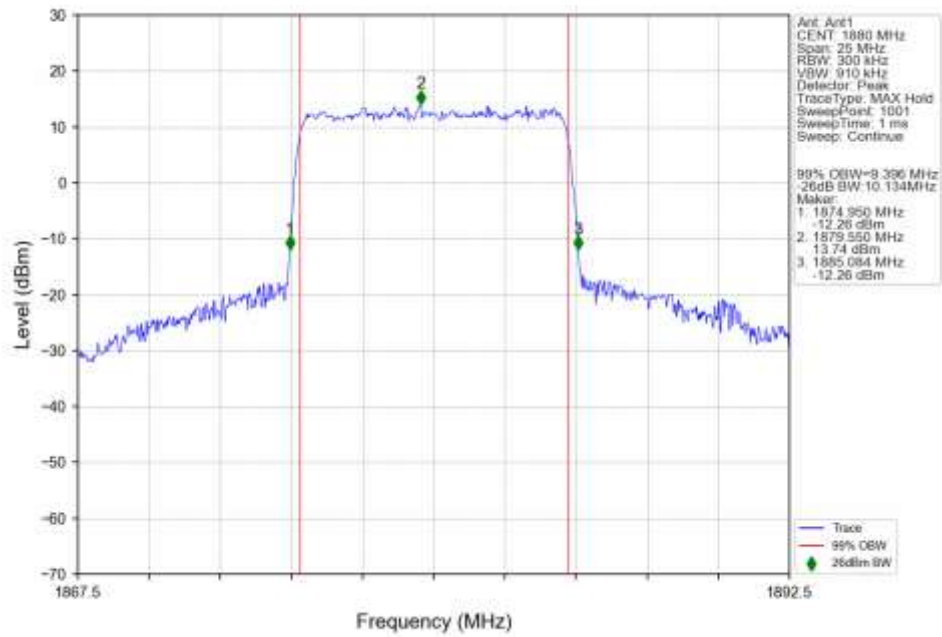
n2 15kHz SISO NTV 10MHz CP-OFDM QPSK 1905MHz Outer Full Ant1



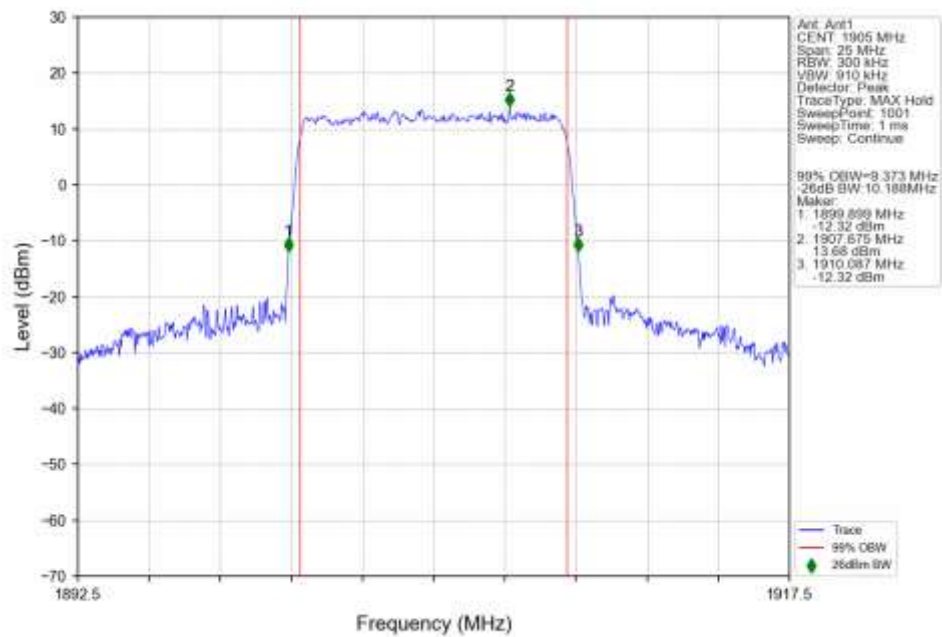
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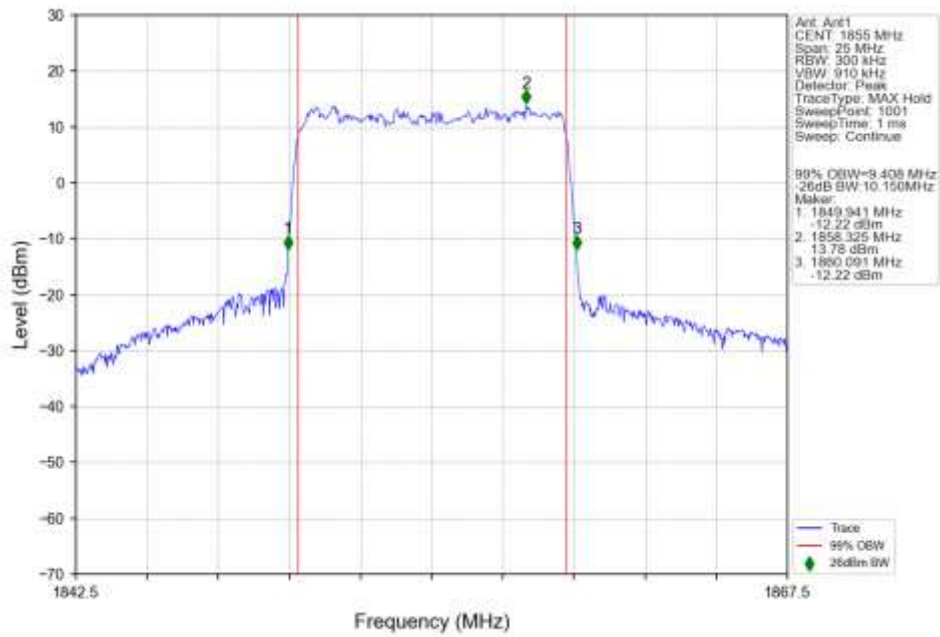
n2 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 1880MHz Outer Full Ant1



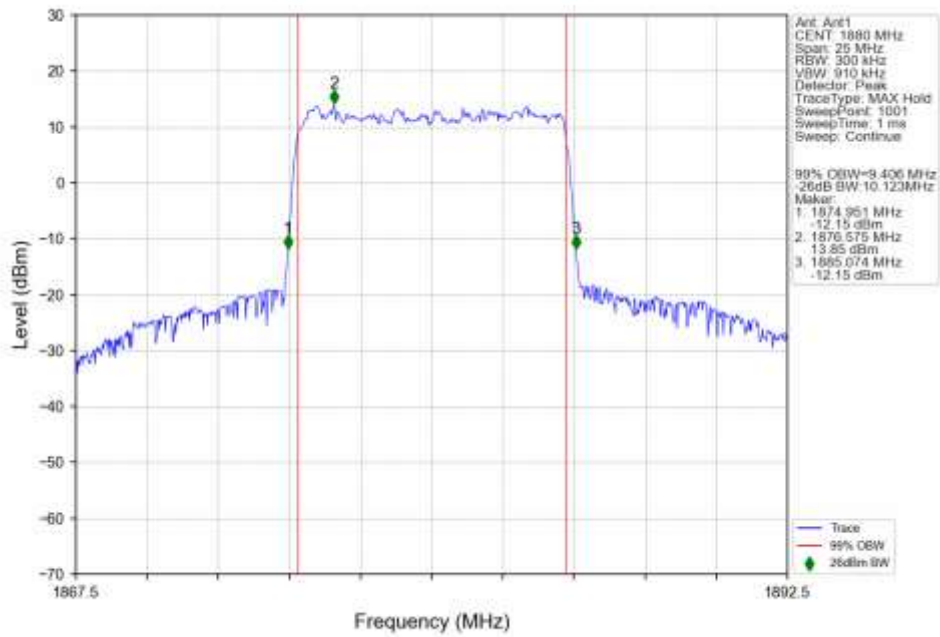
n2 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 1905MHz Outer Full Ant1



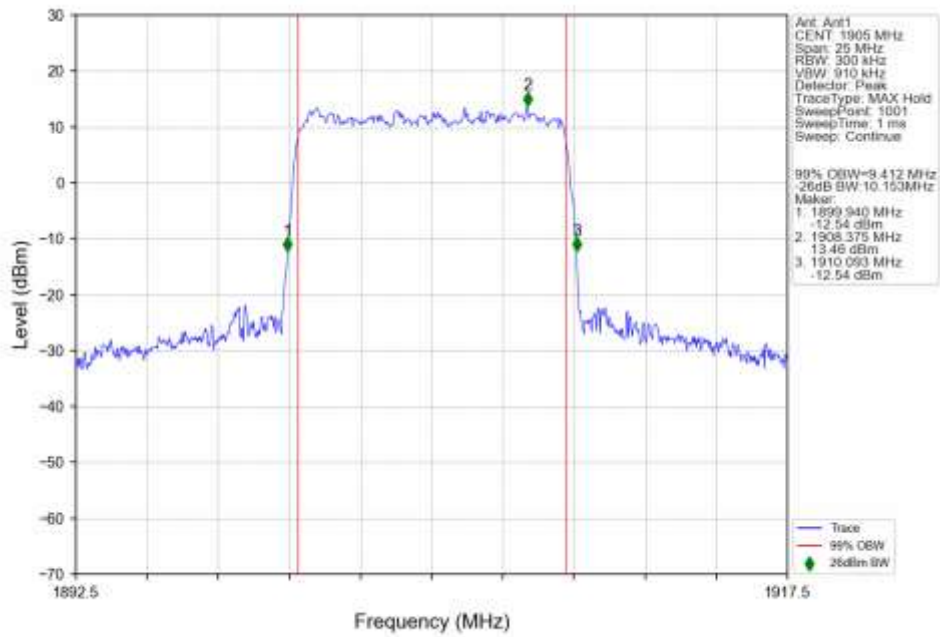
n2 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 1855MHz Outer Full Ant1



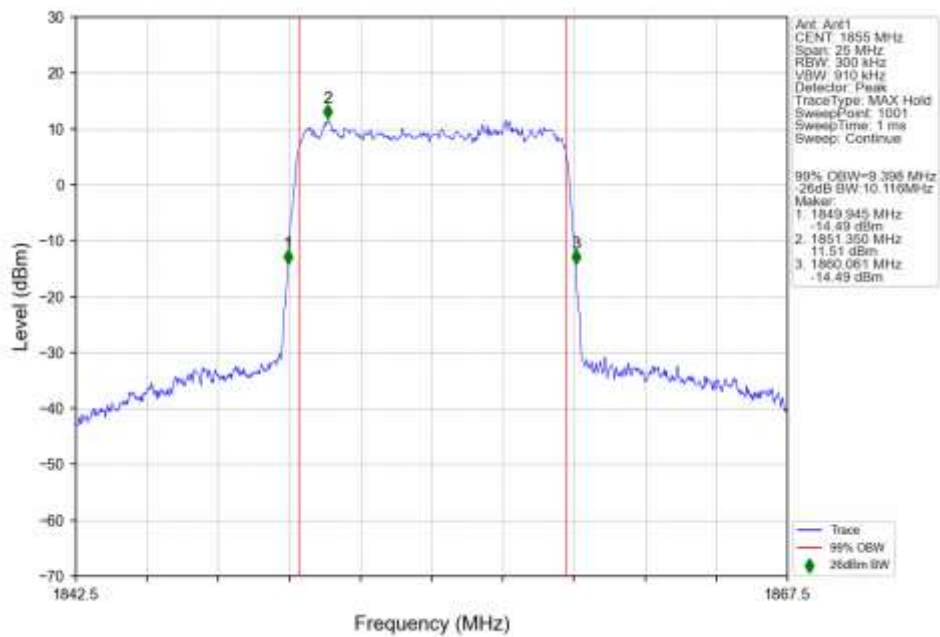
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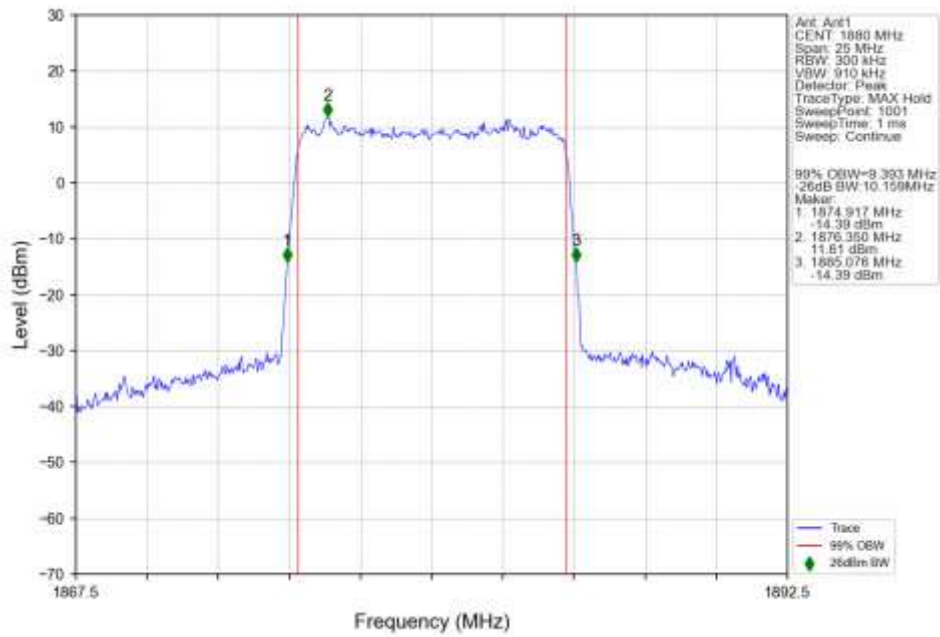
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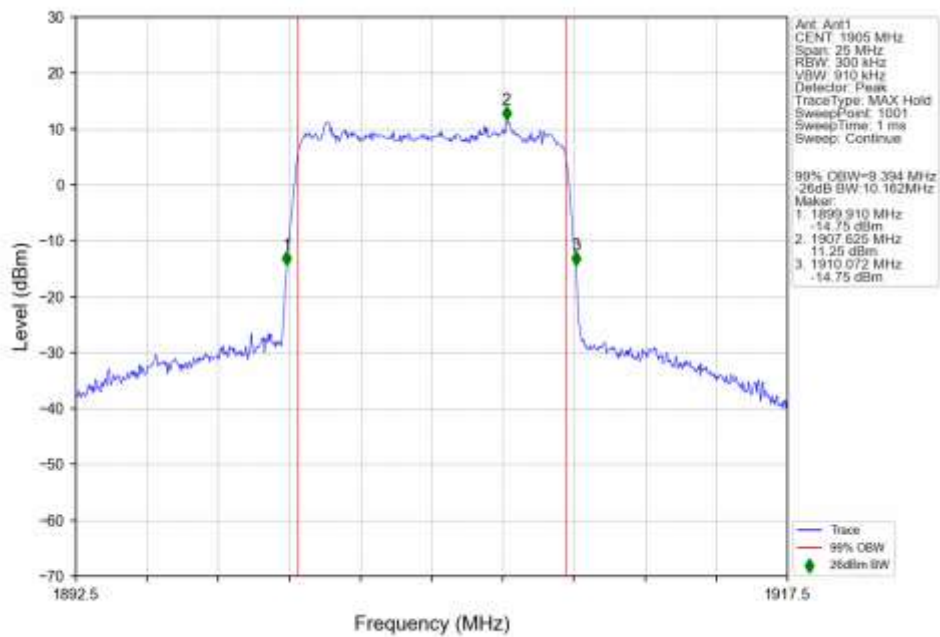
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n2 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 1880MHz Outer Full Ant1

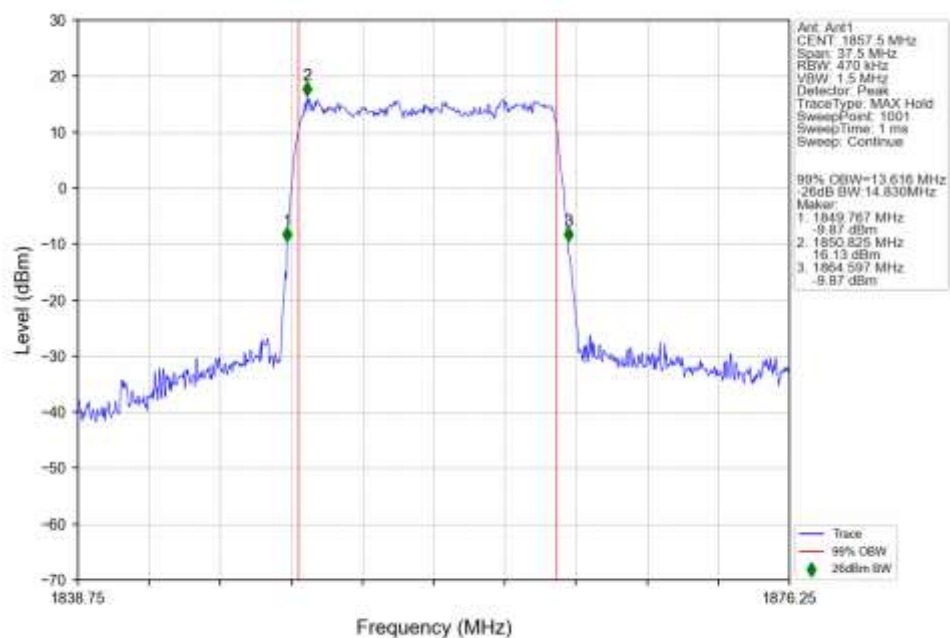


n2 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 1905MHz Outer Full Ant1

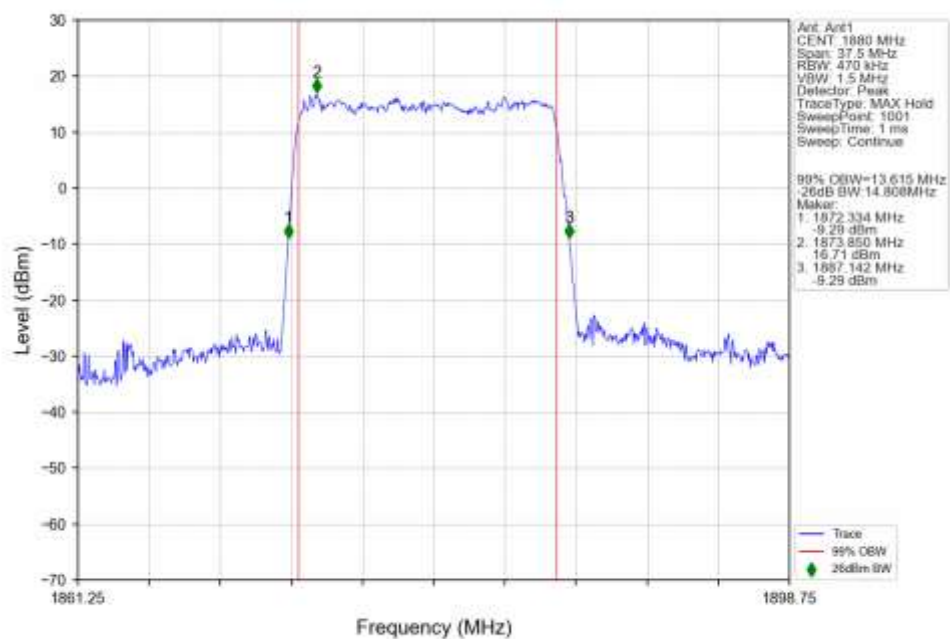


4.2.3 15k_SISO_15MHz_NTNV

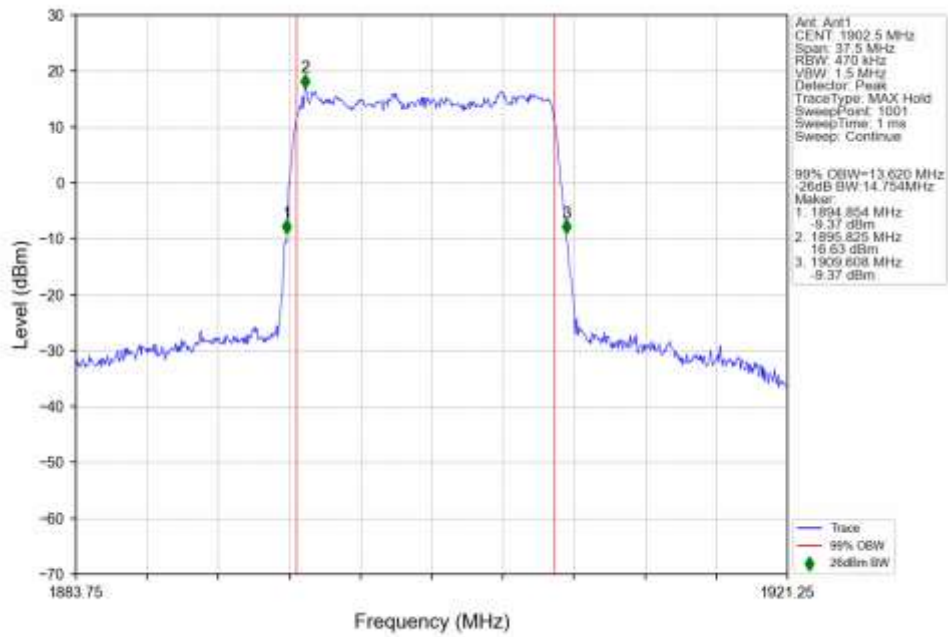
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1857.5MHz_Outer_Full_Ant1



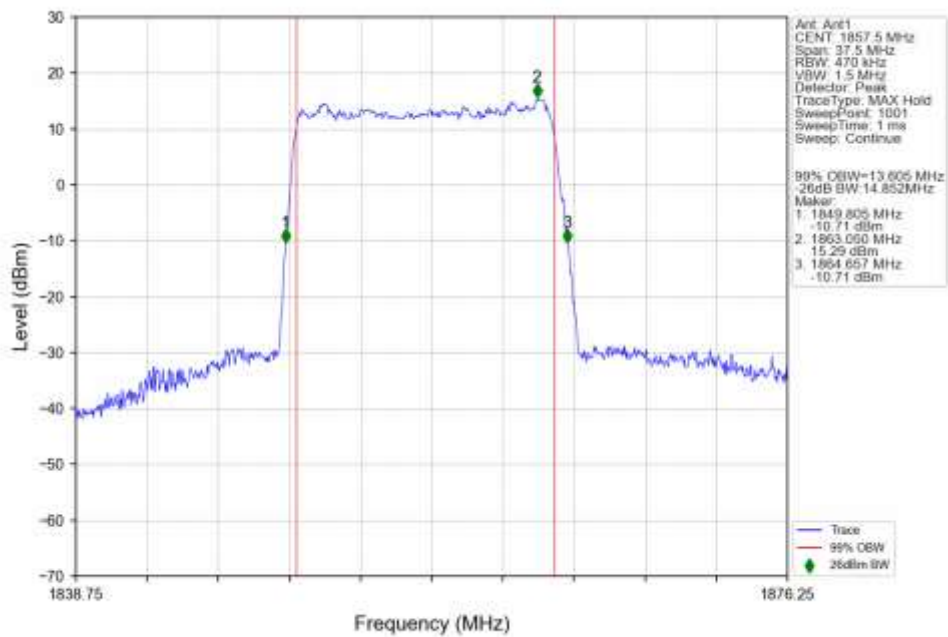
n2_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1880MHz_Outer_Full_Ant1



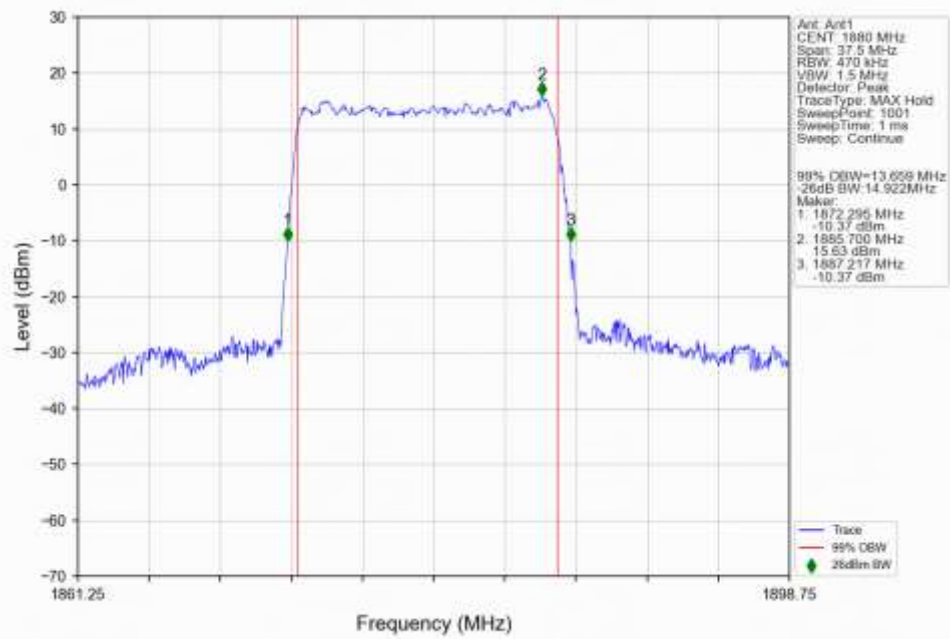
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1902.5MHz Outer Full Ant1



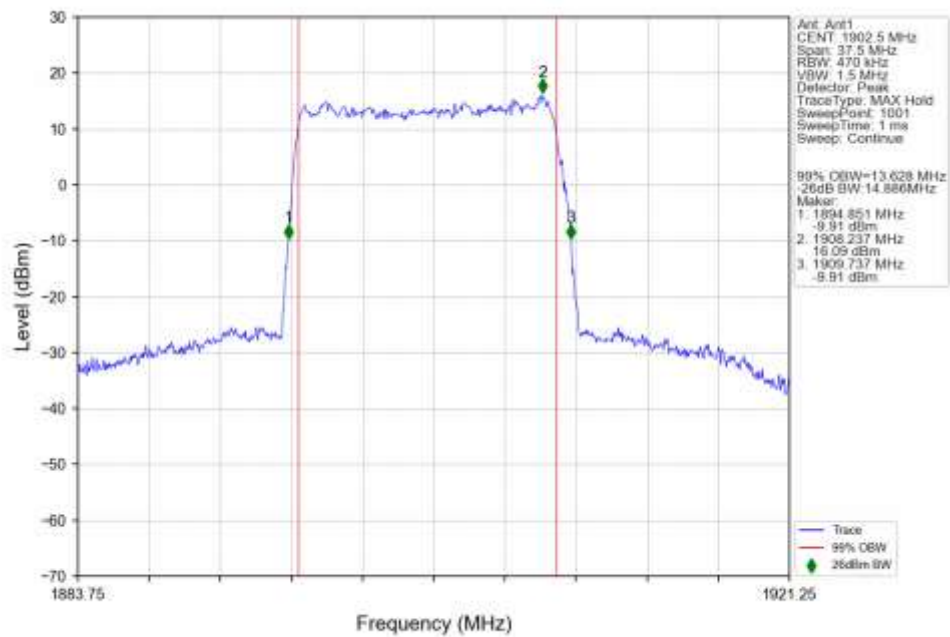
n2 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 1857.5MHz Outer Full Ant1



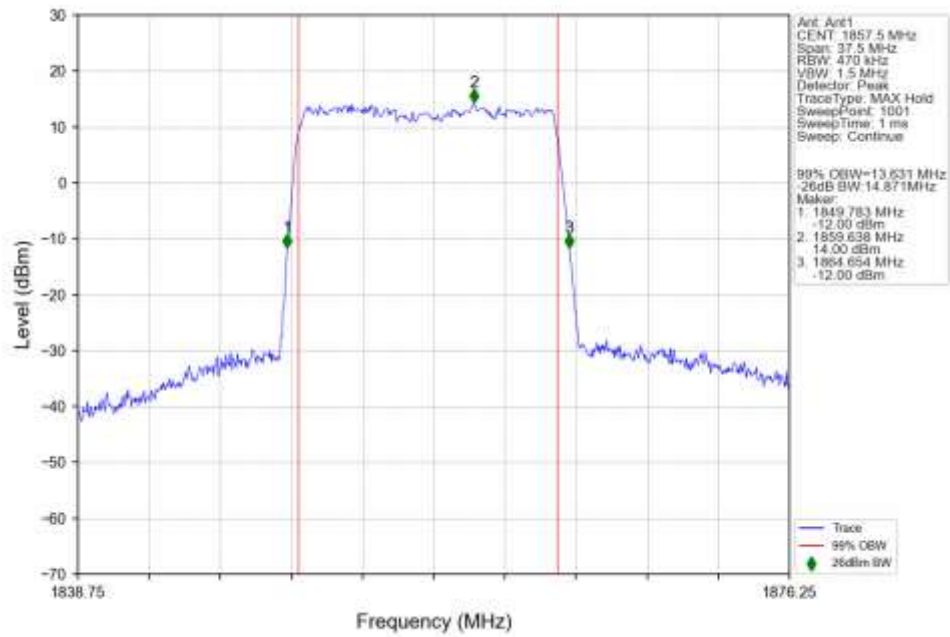
n2 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 1880MHz Outer Full Ant1



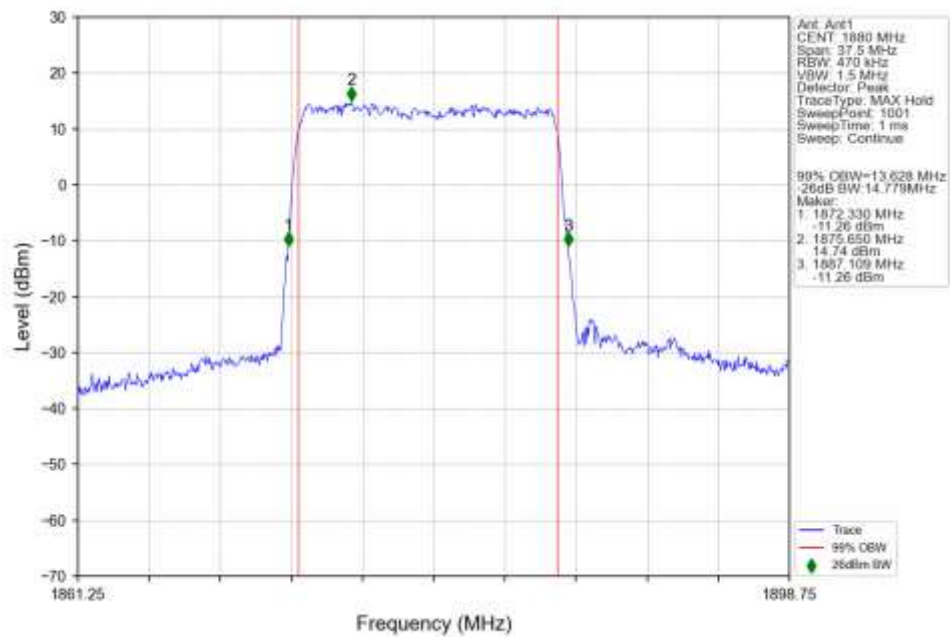
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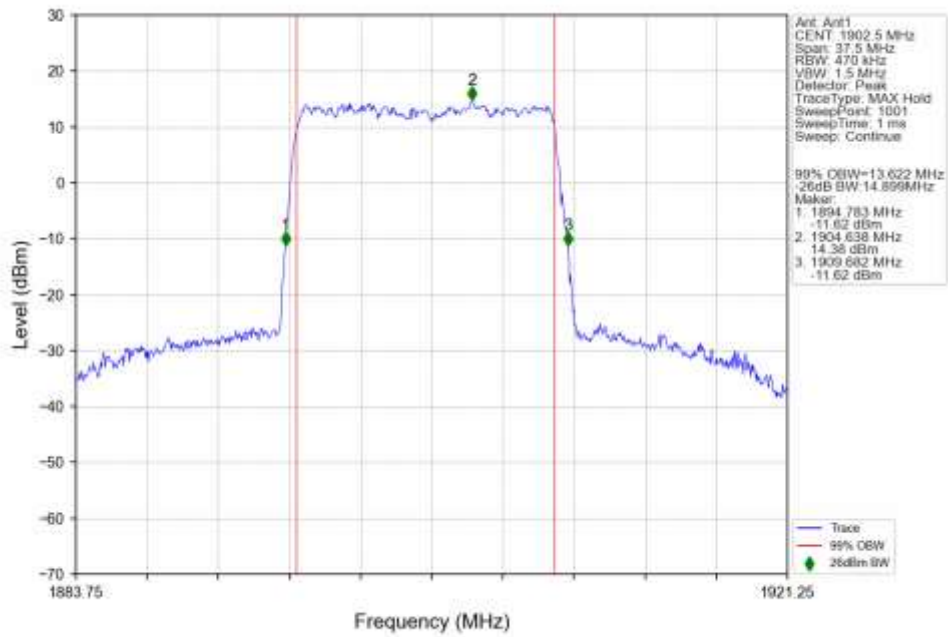
n2 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 1857.5MHz Outer Full Ant1



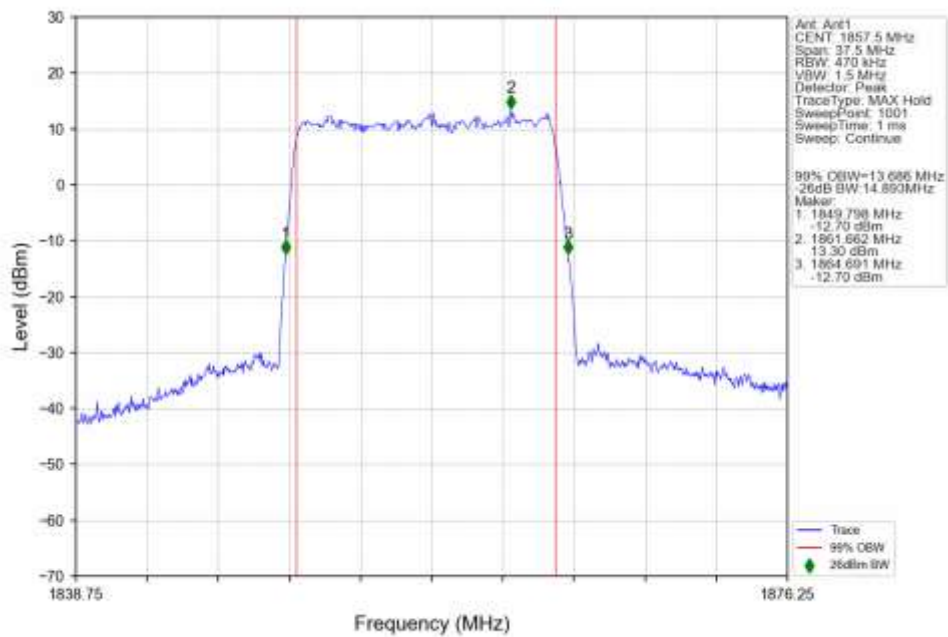
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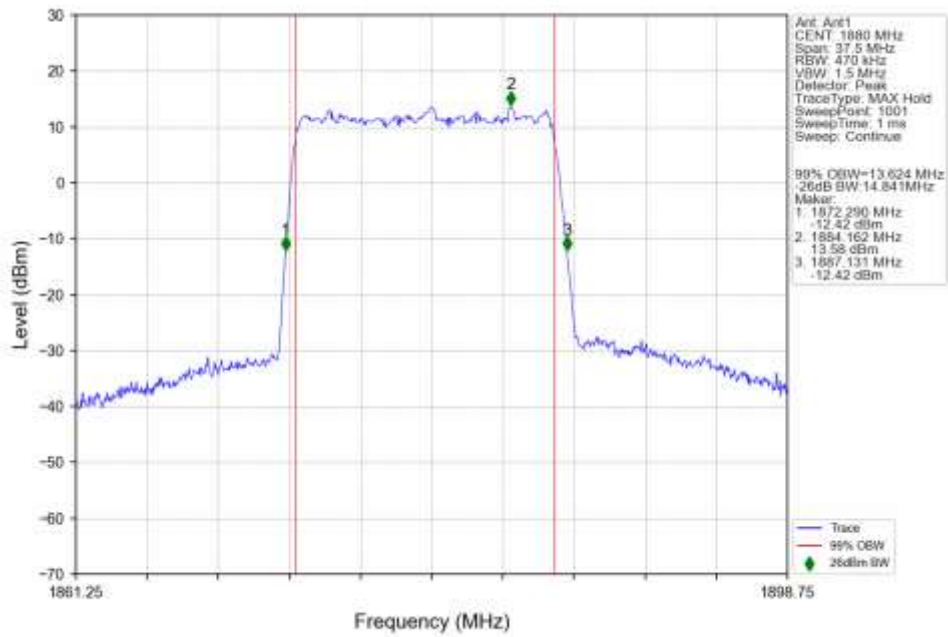
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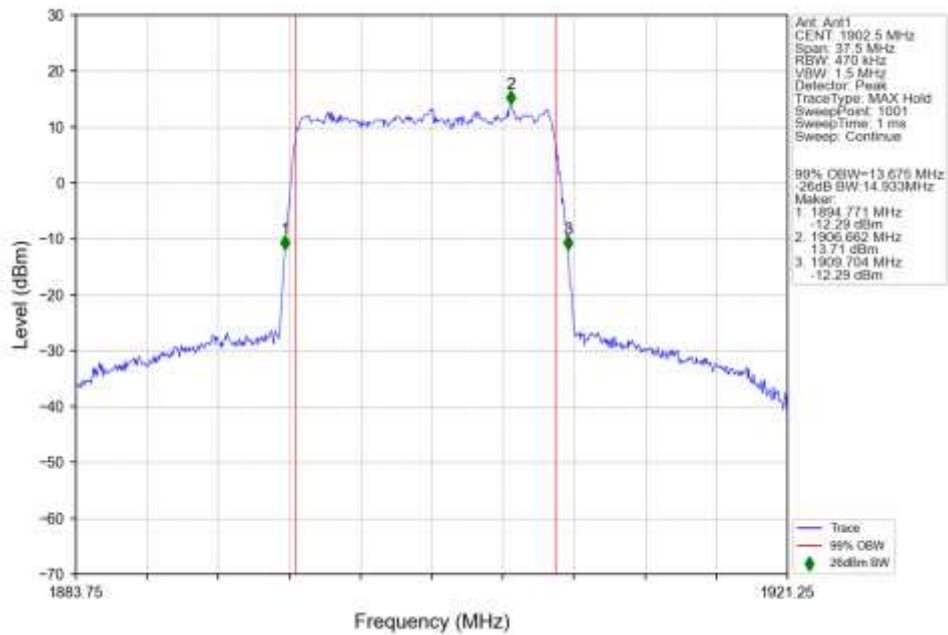
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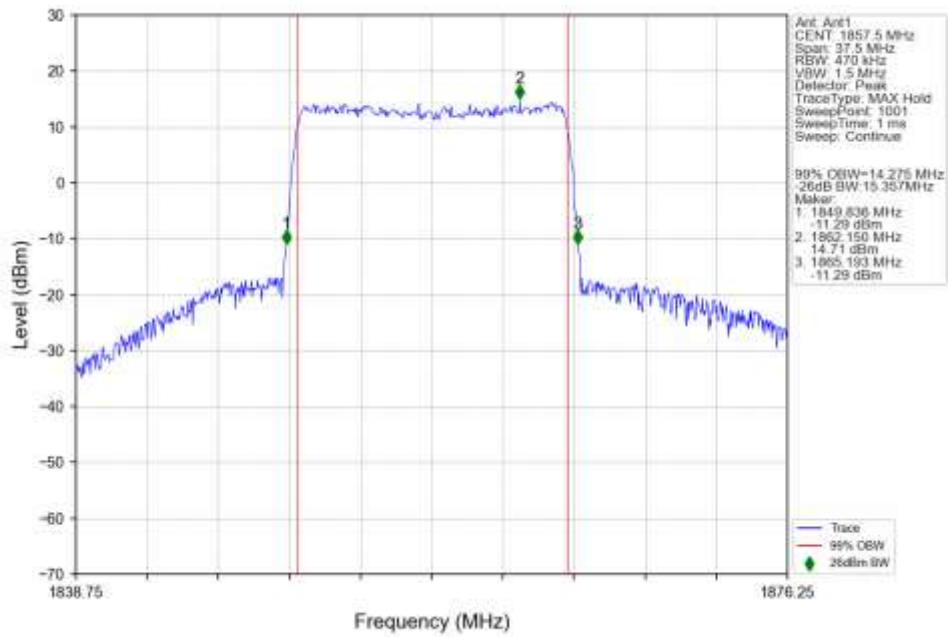
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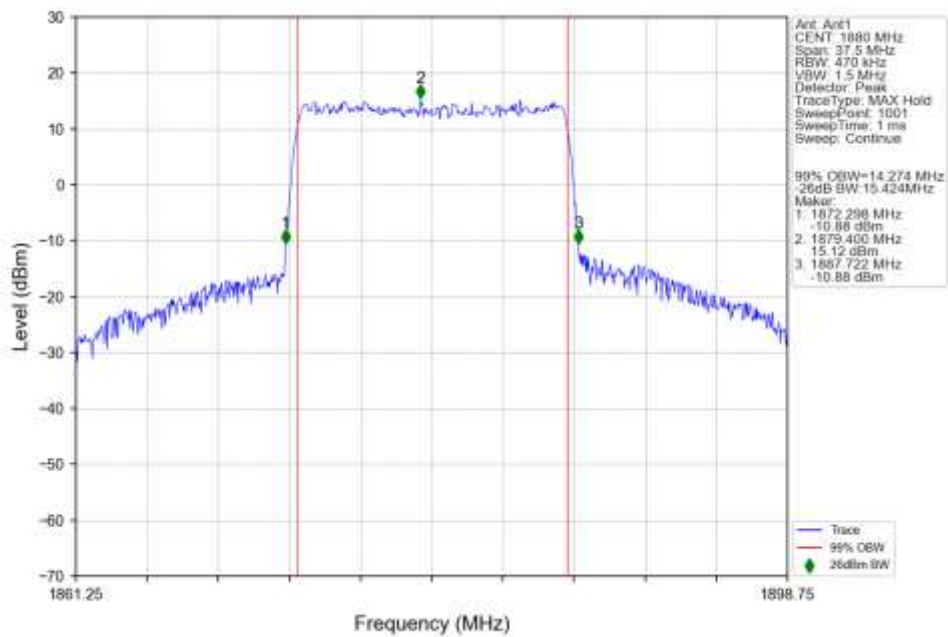
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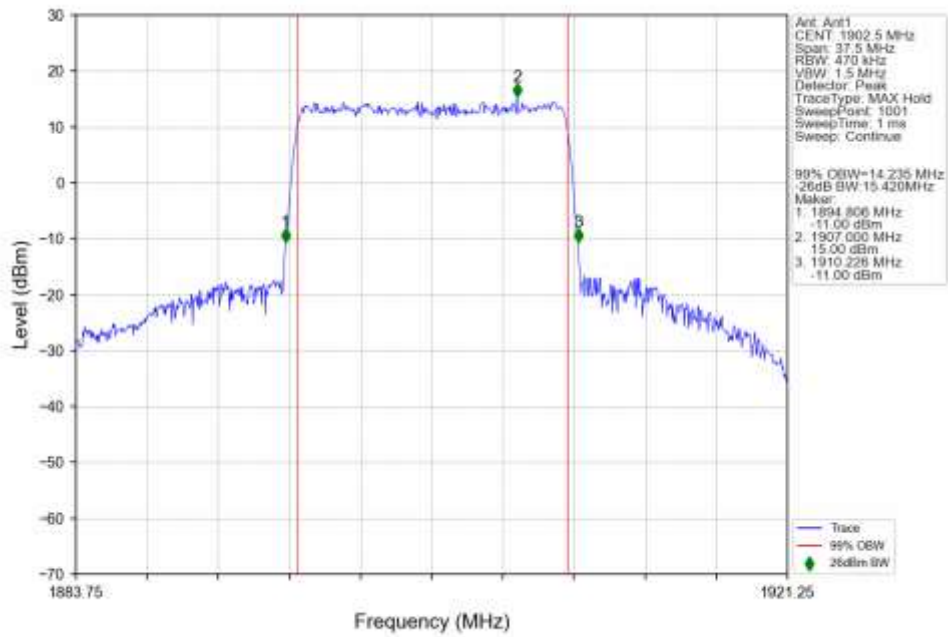
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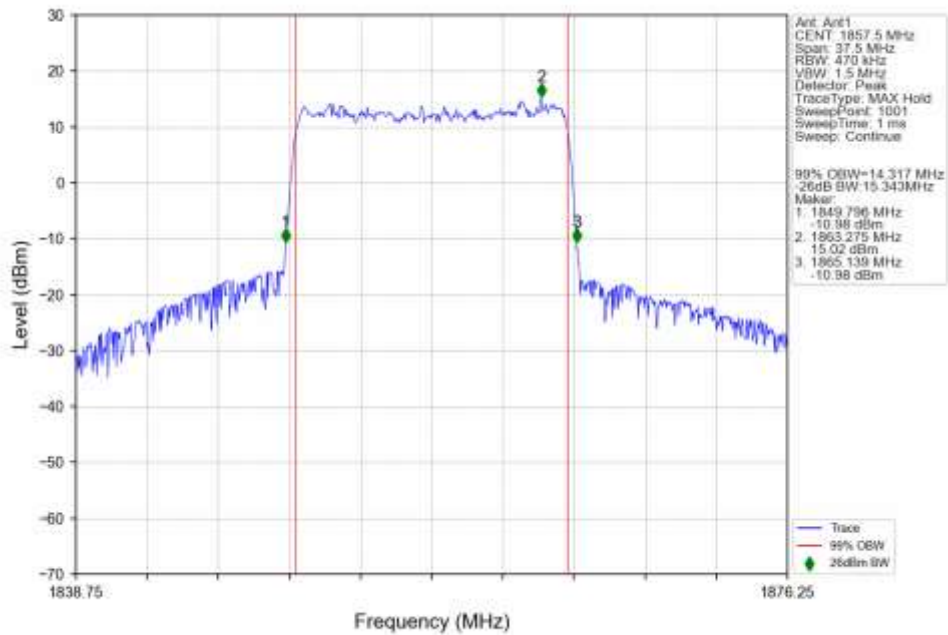
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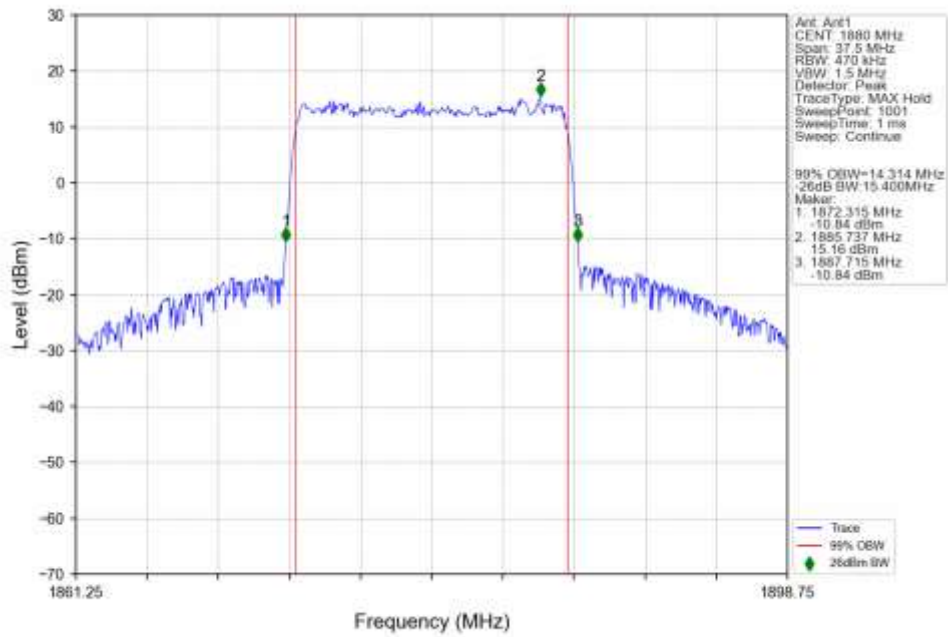
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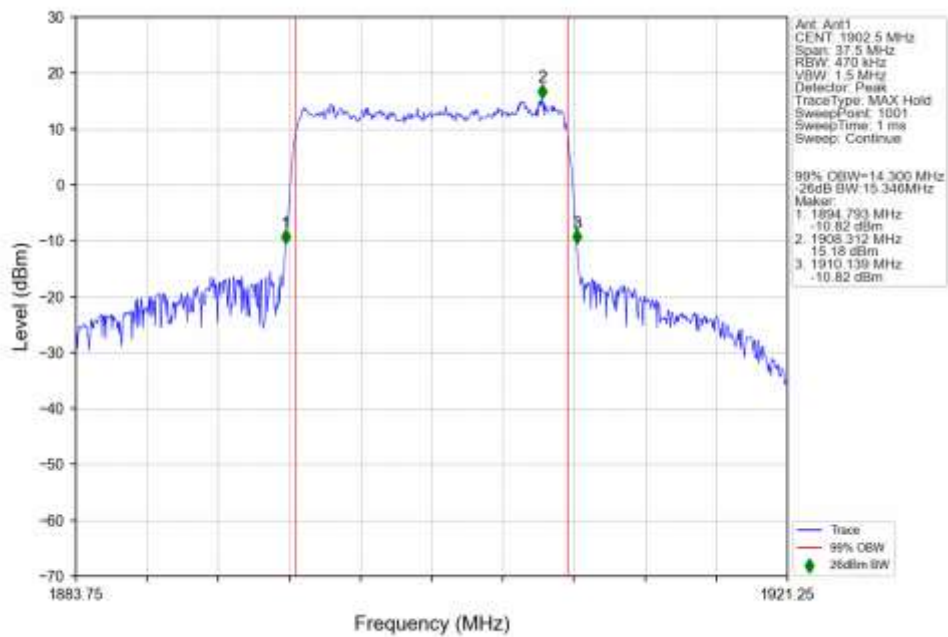
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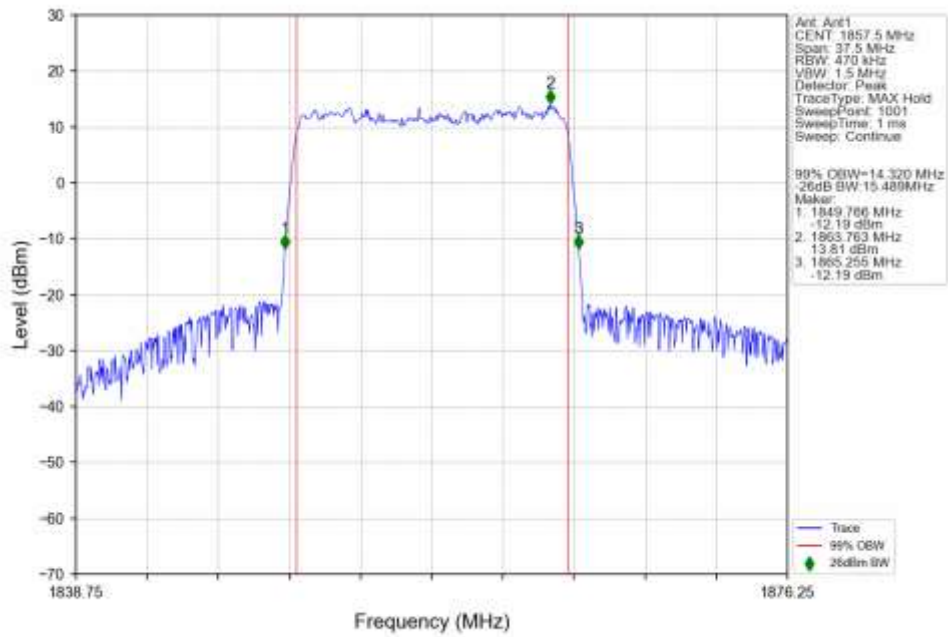
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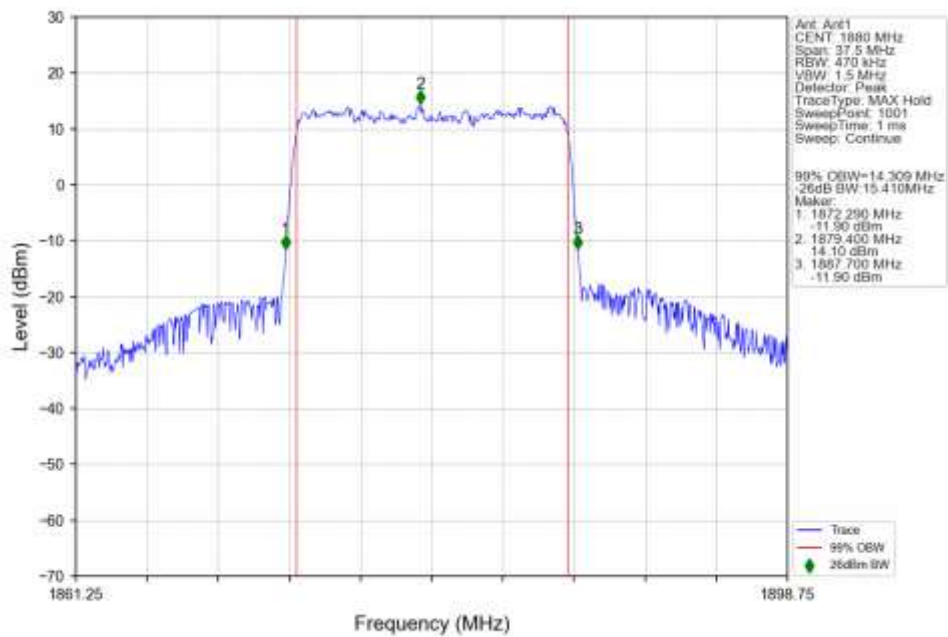
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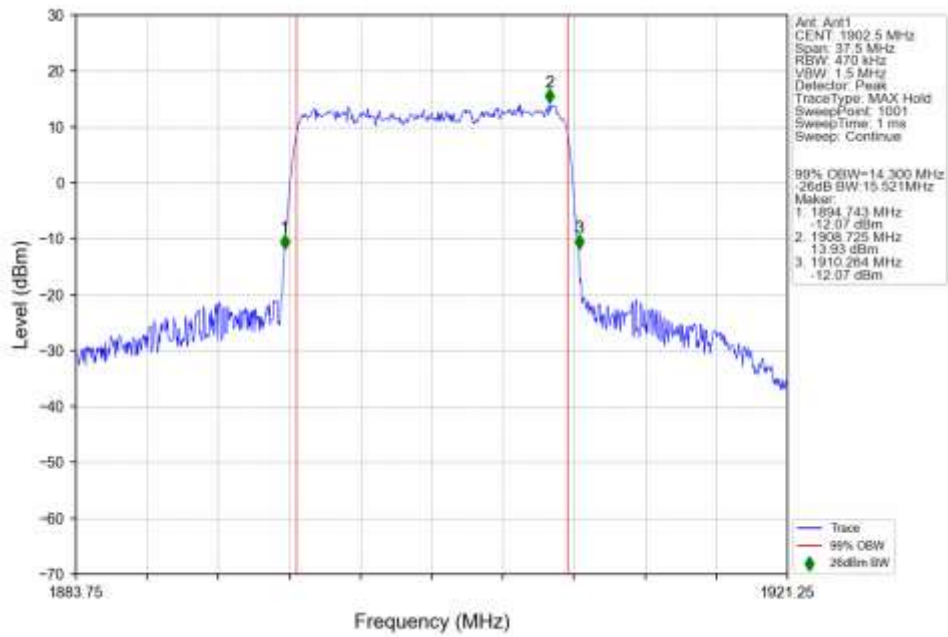
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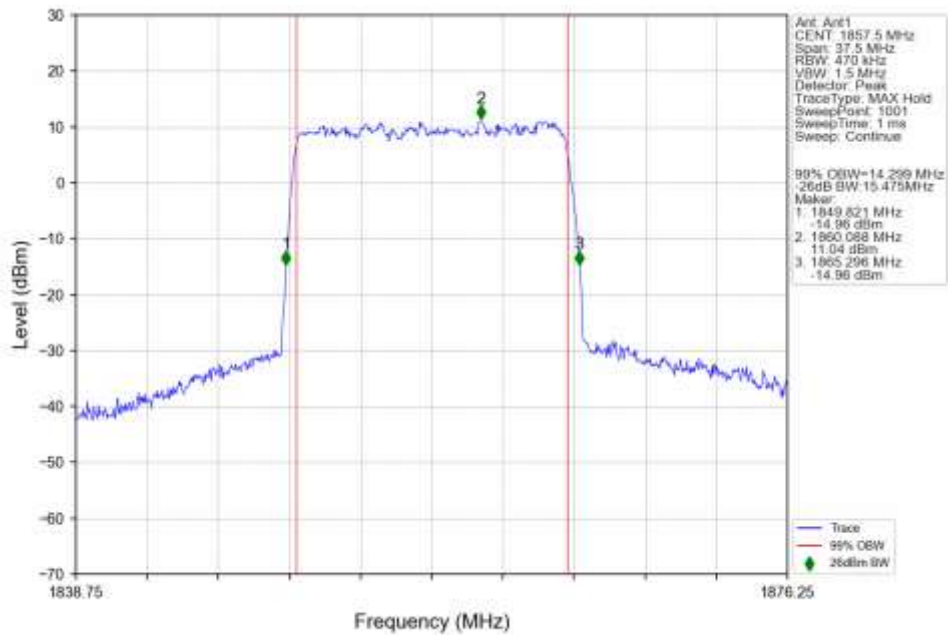
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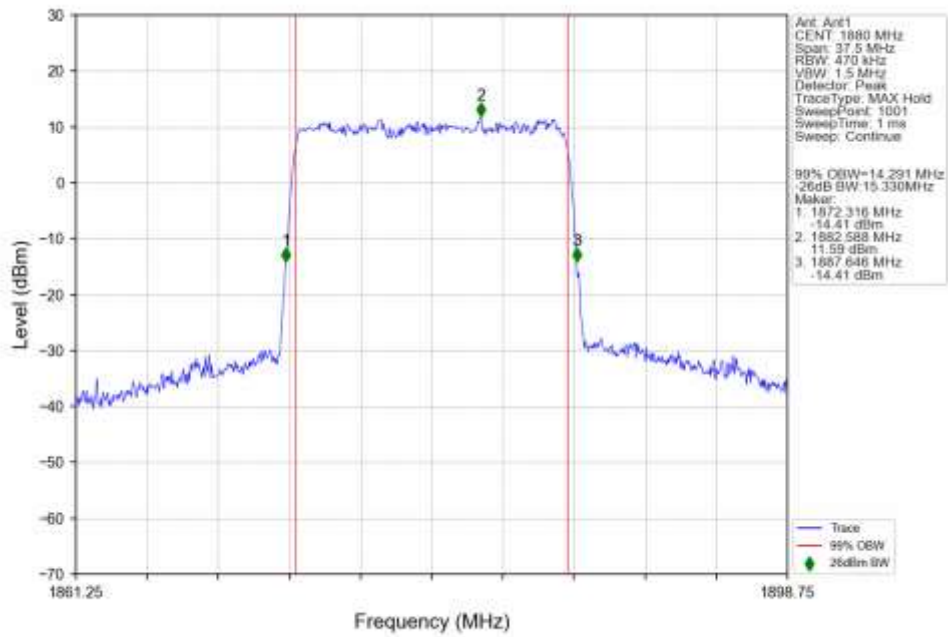
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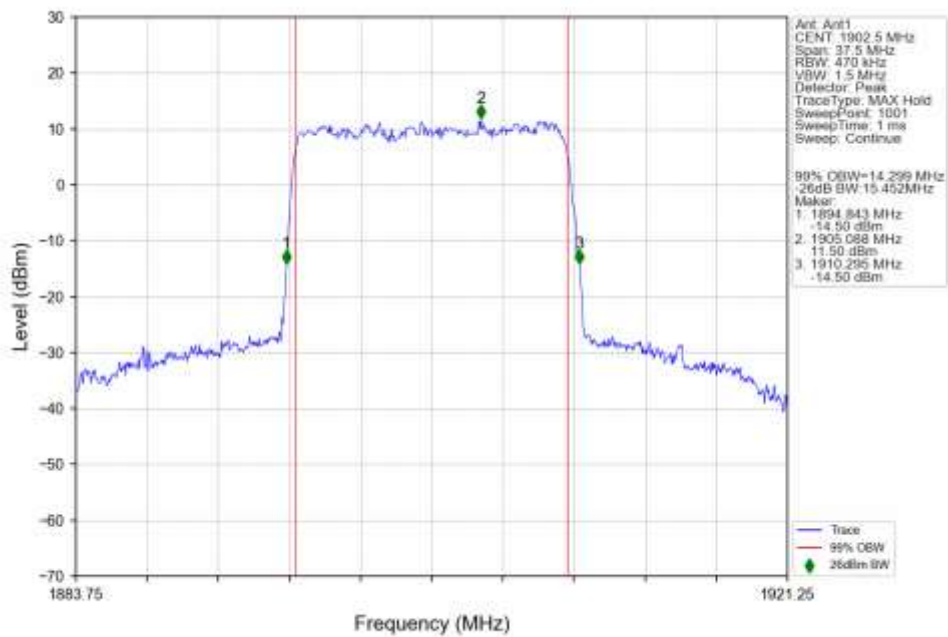
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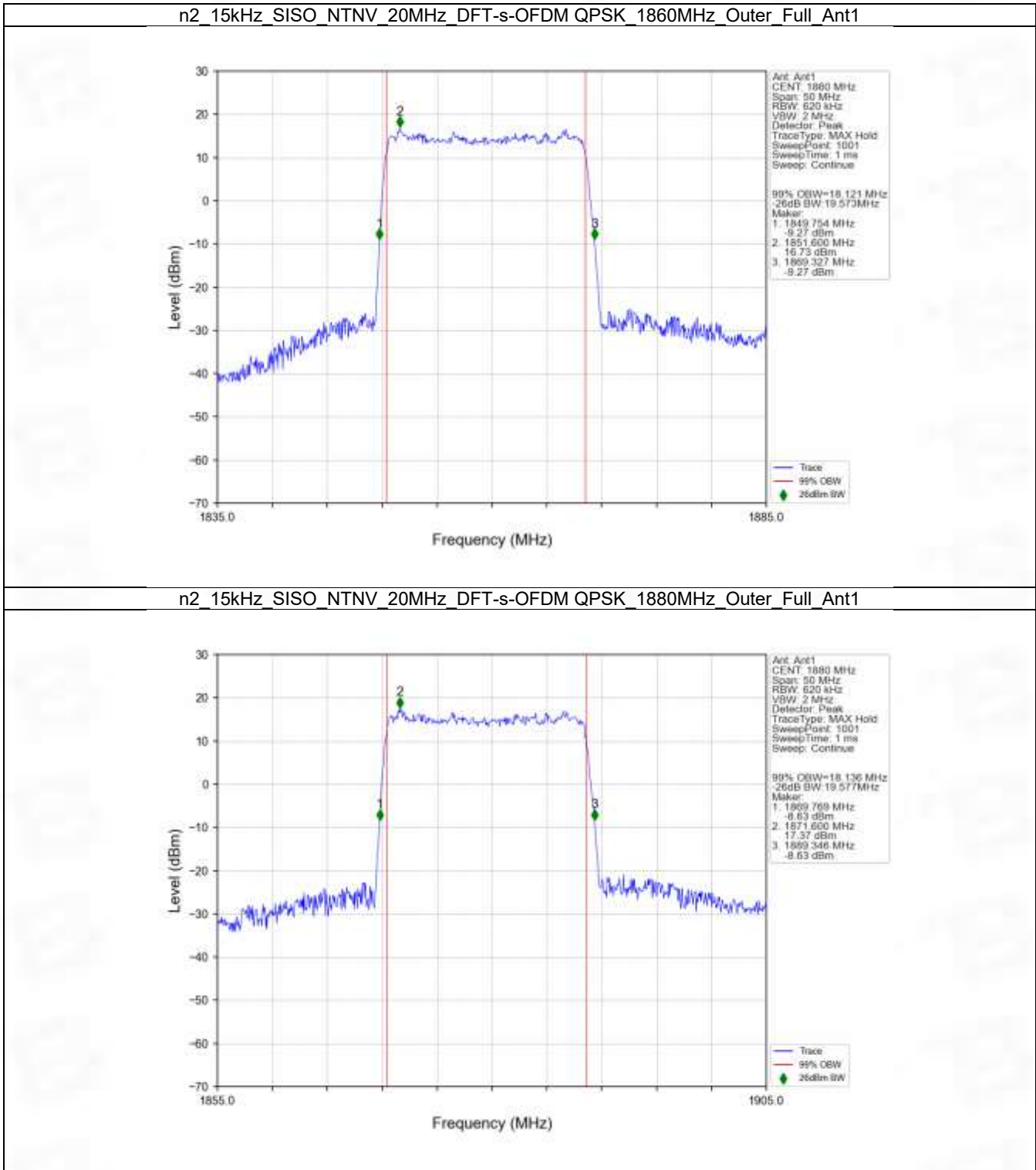
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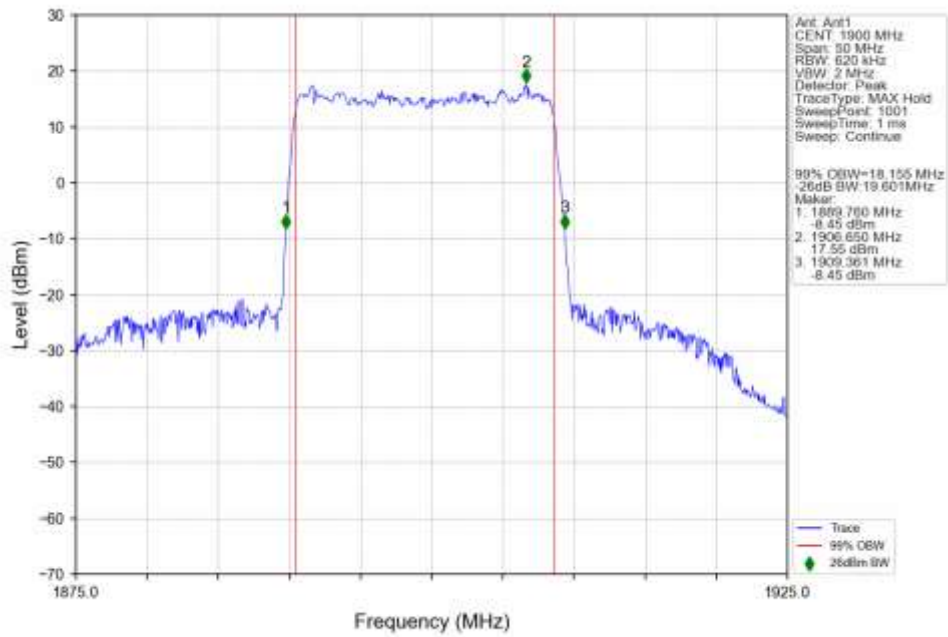
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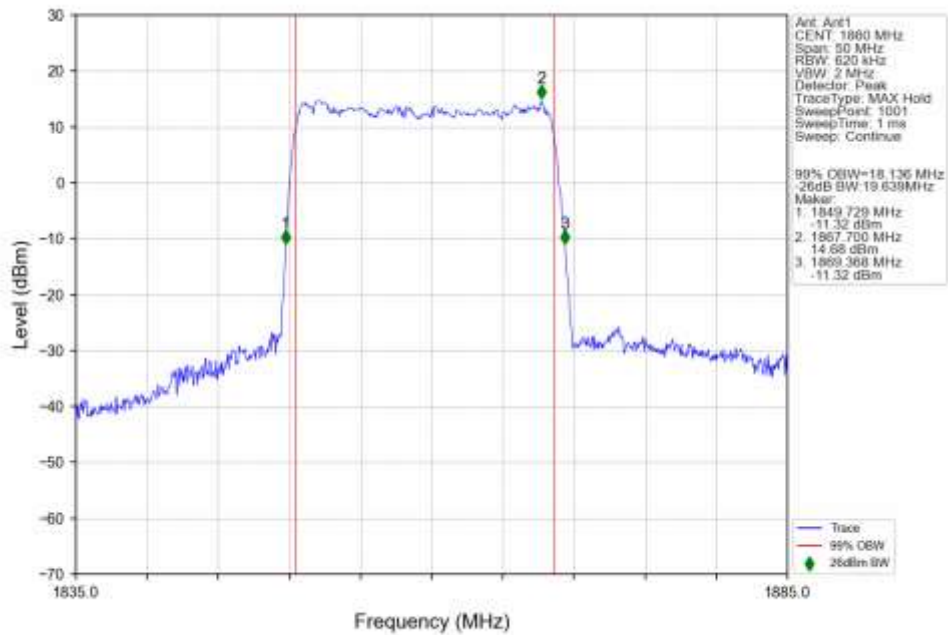
4.2.4 15k_SISO_20MHz_NTNV



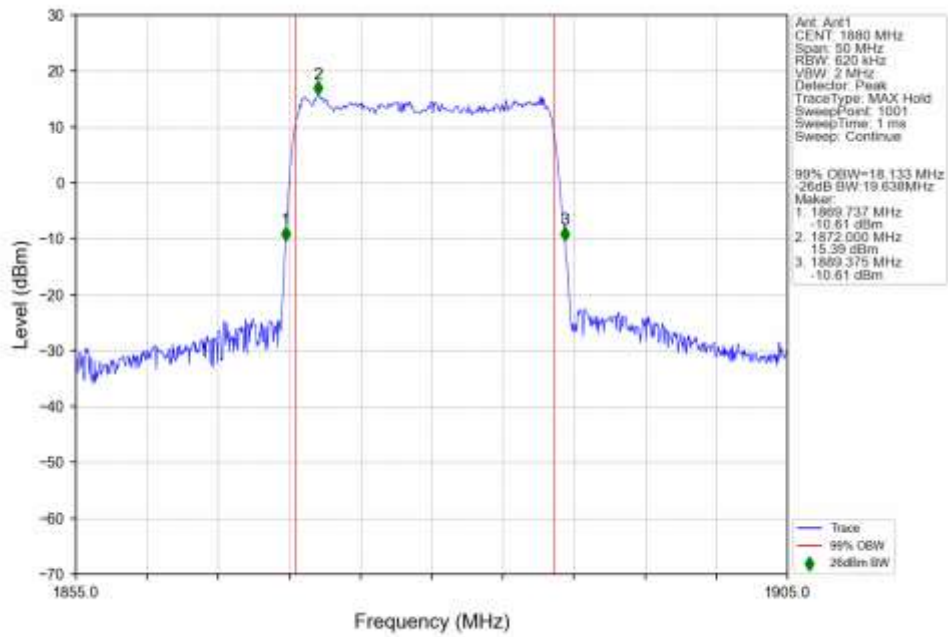
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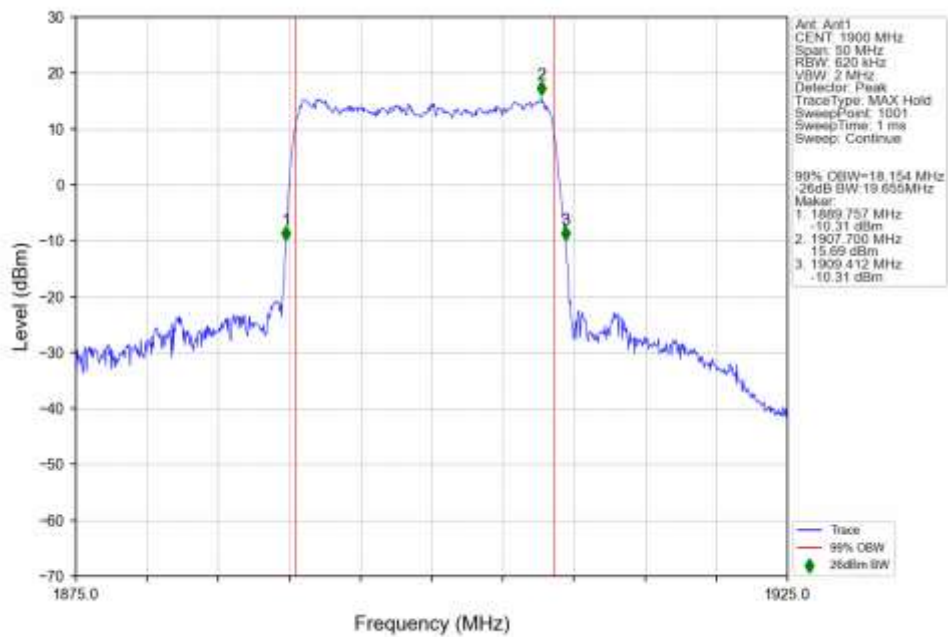
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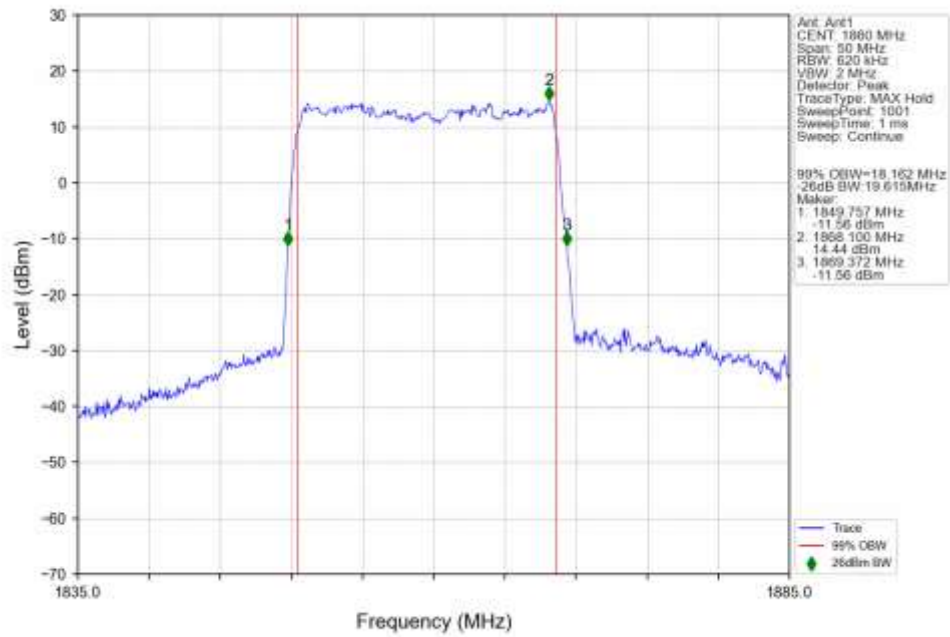
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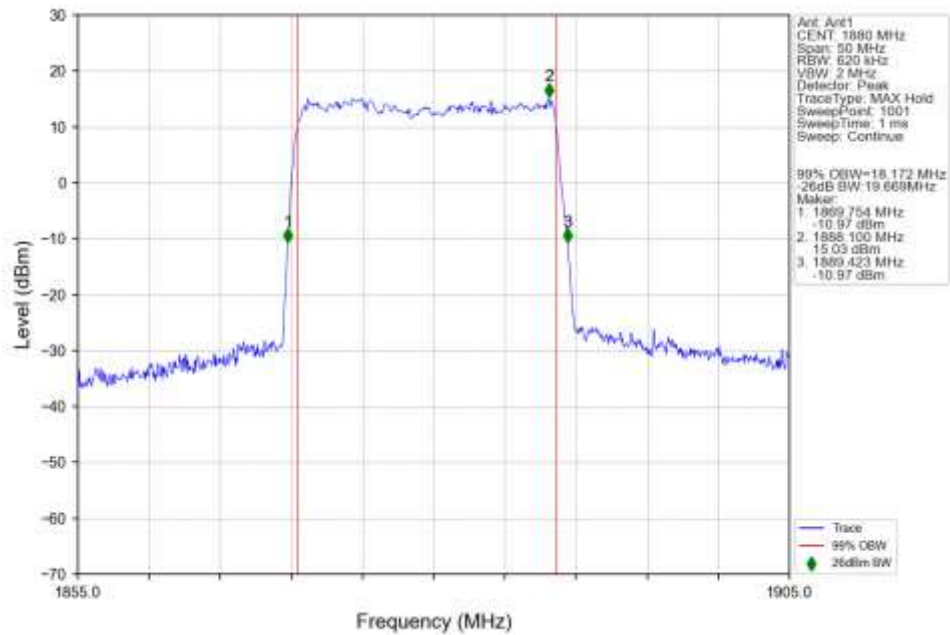
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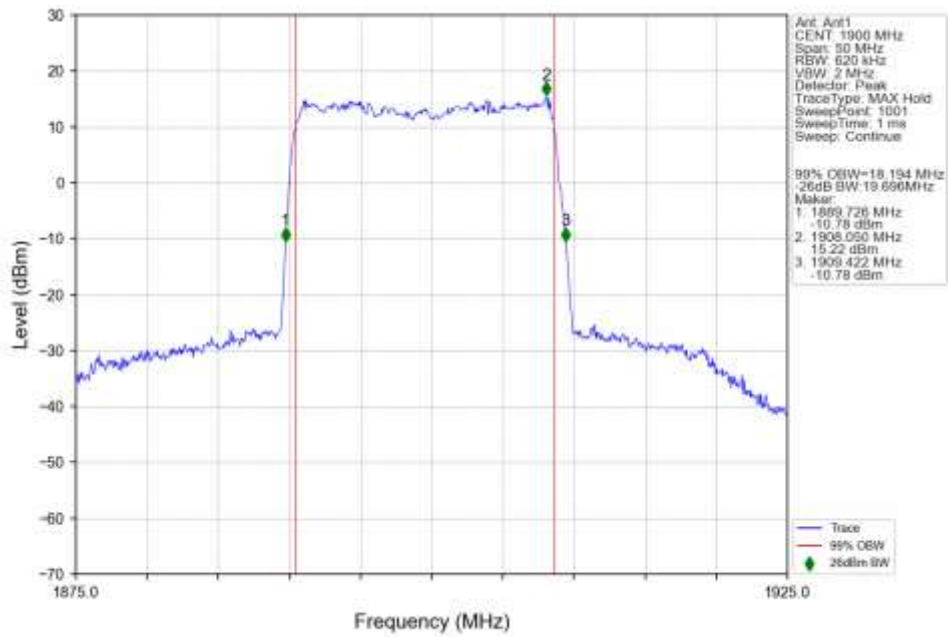
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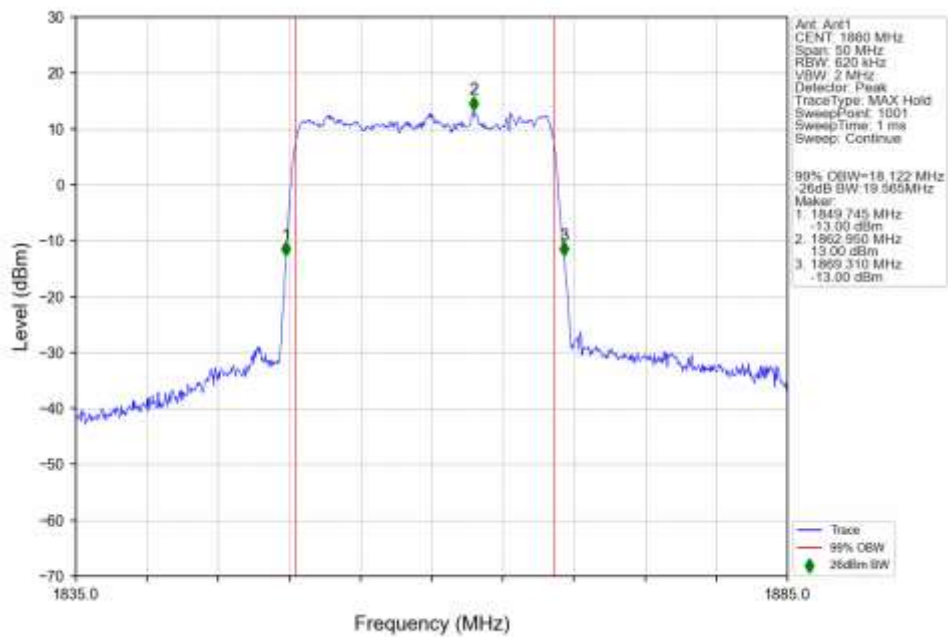
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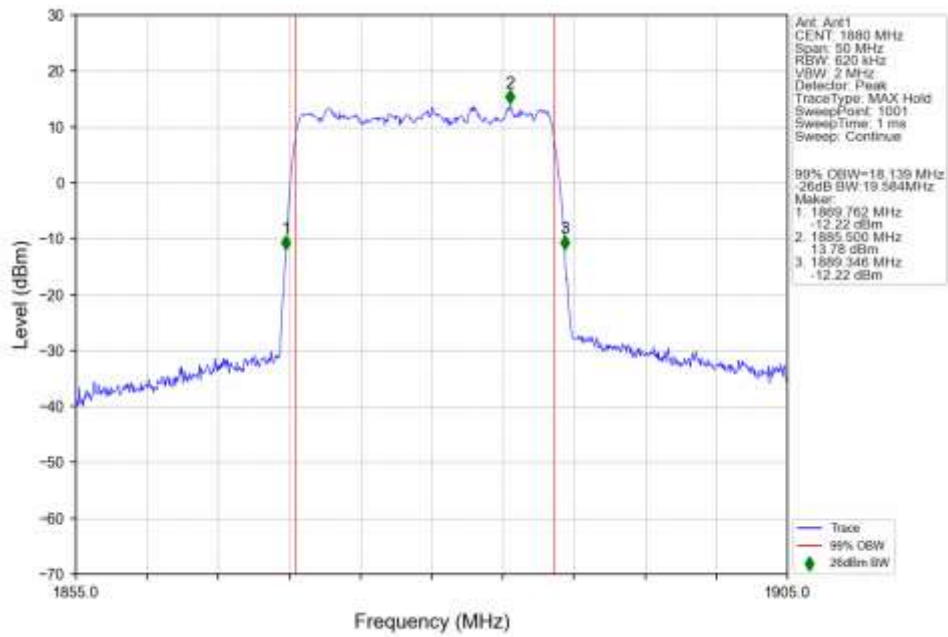
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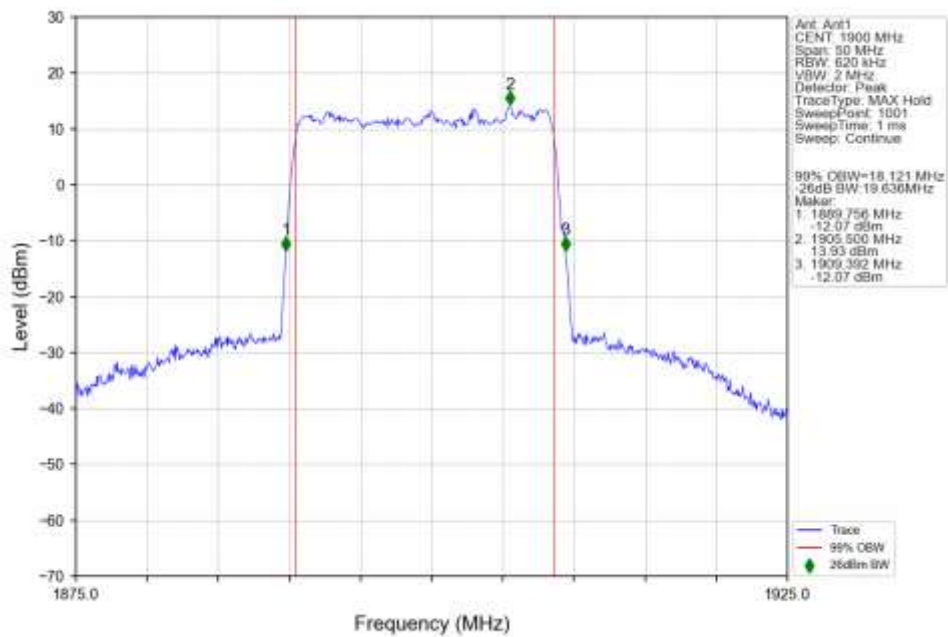
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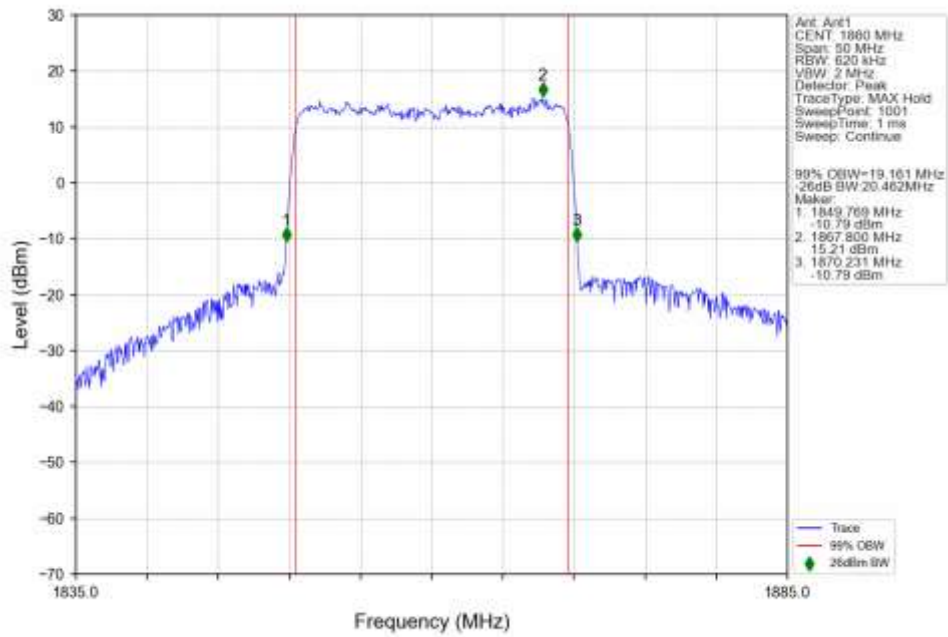
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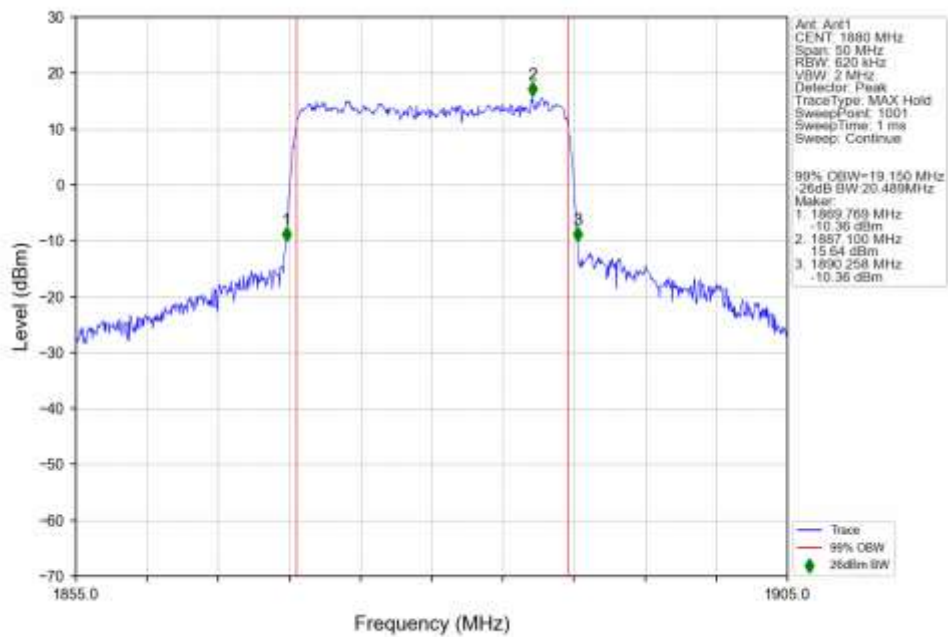
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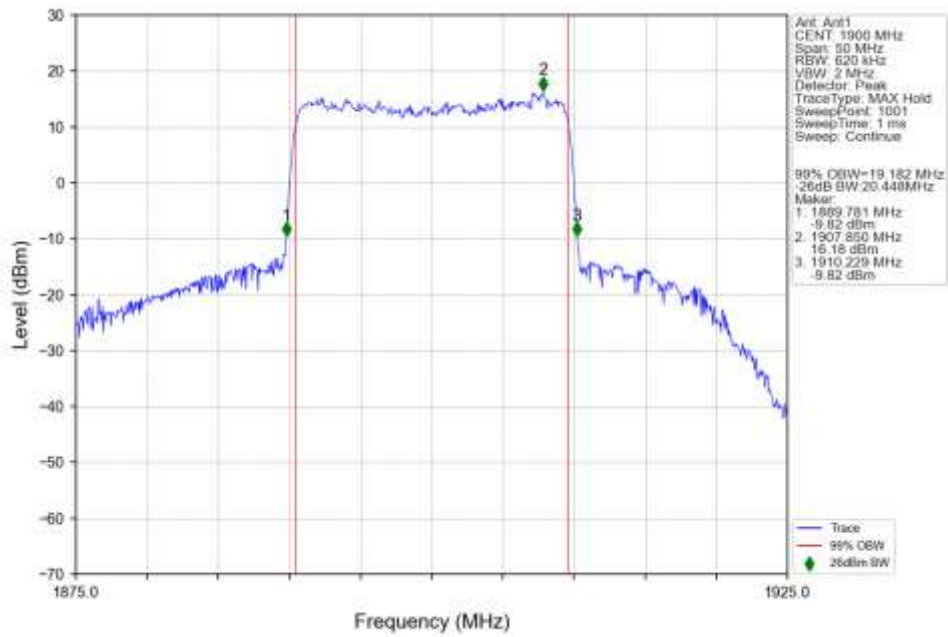
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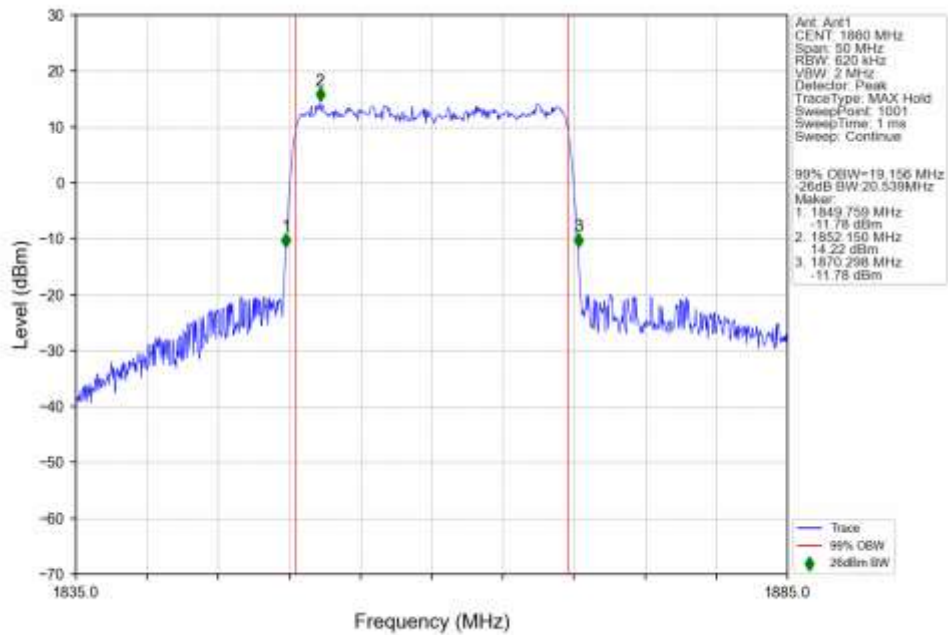
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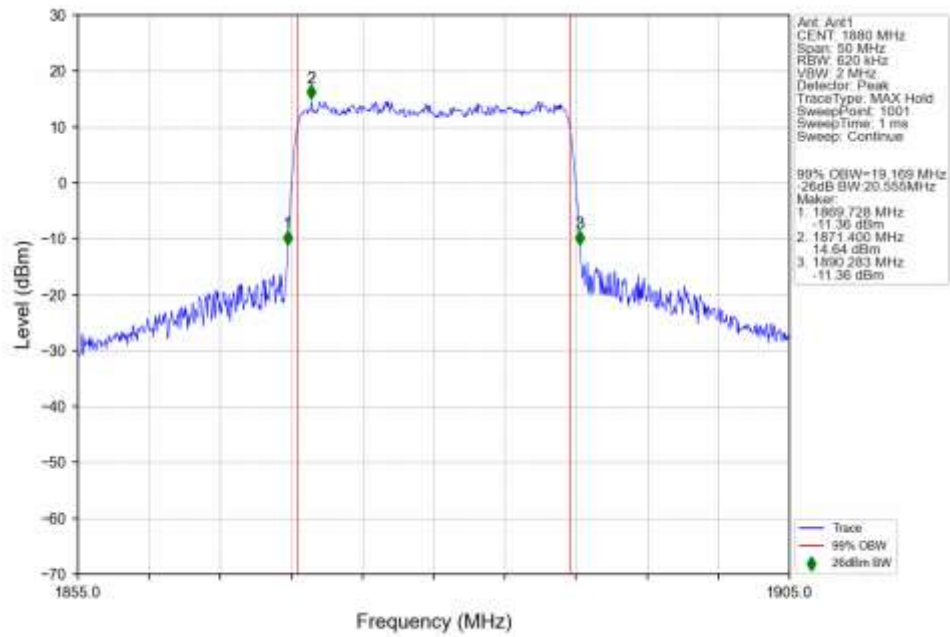
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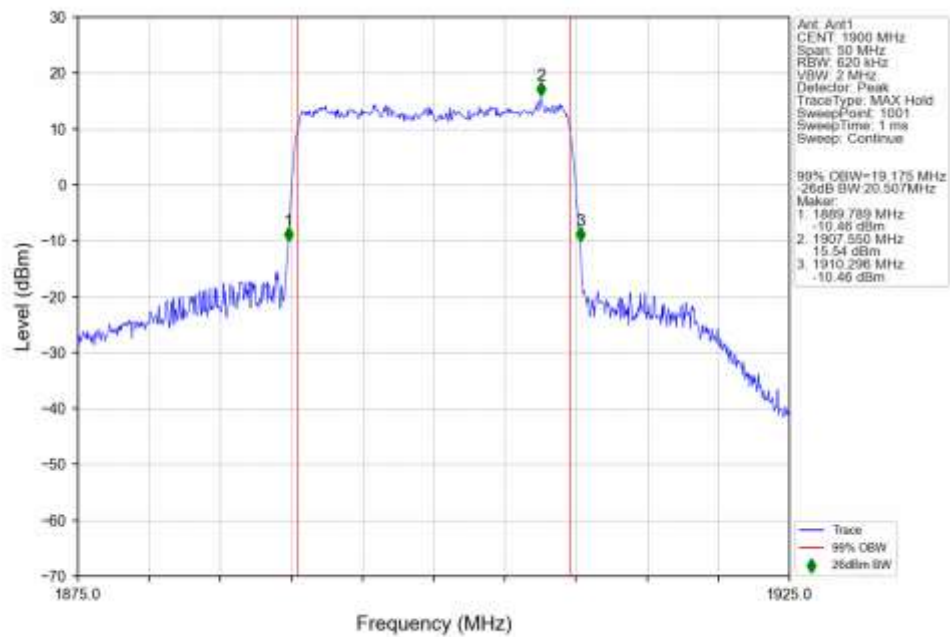
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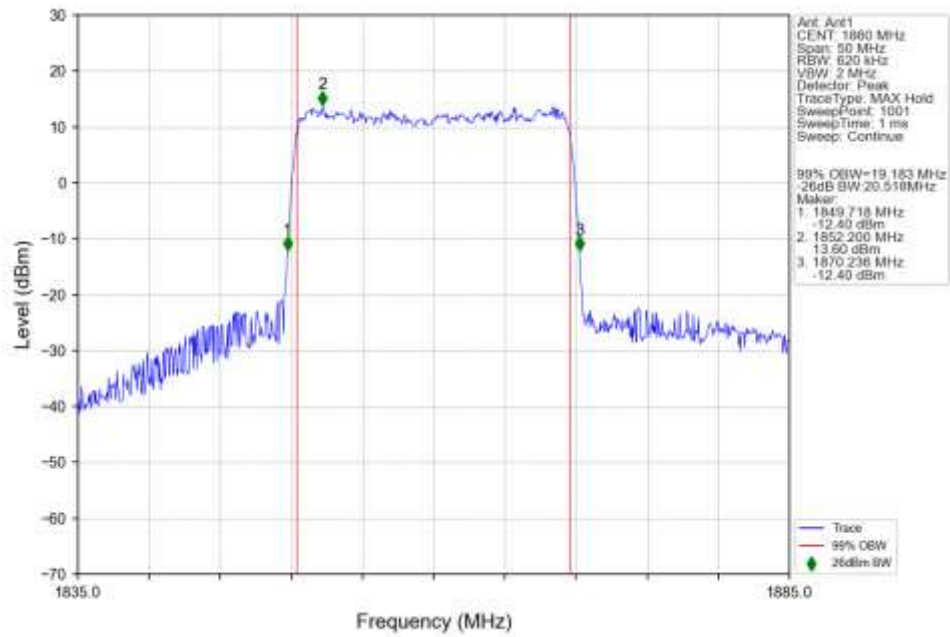
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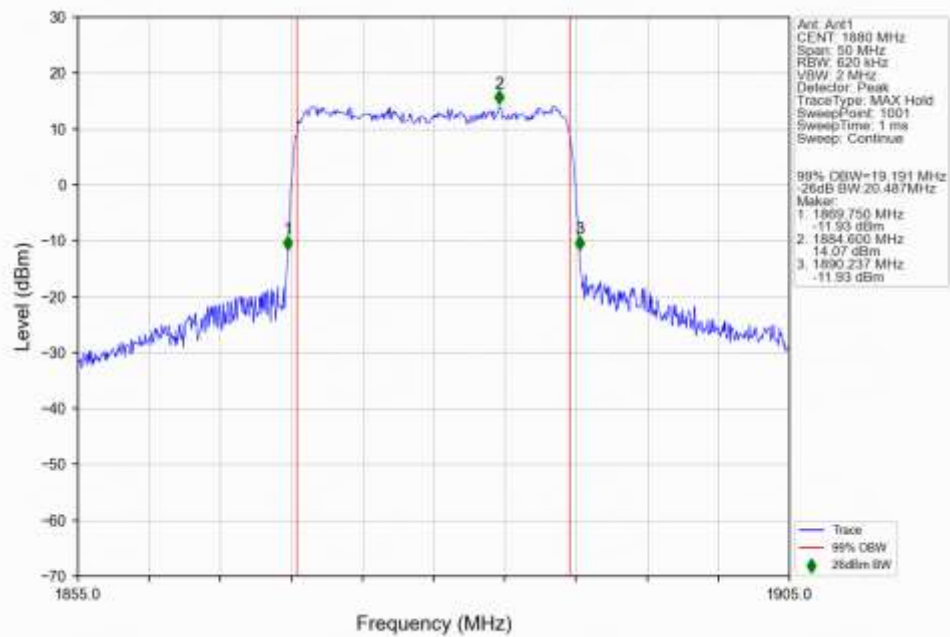
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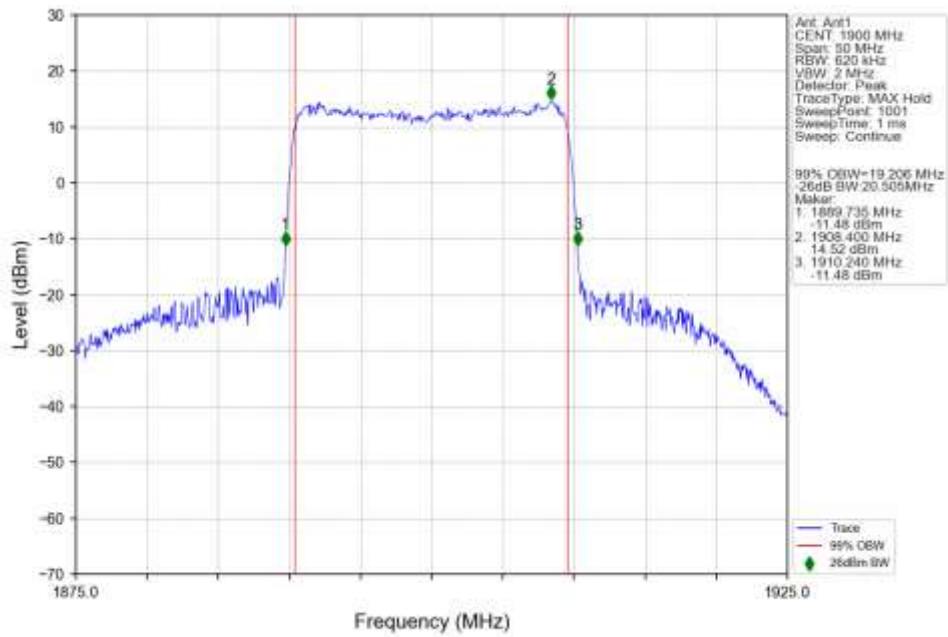
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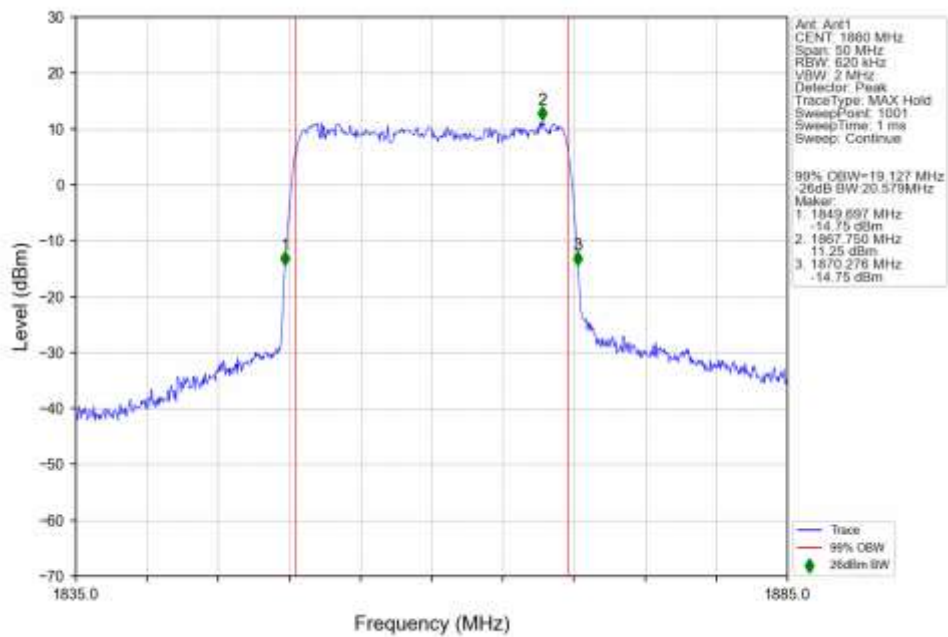
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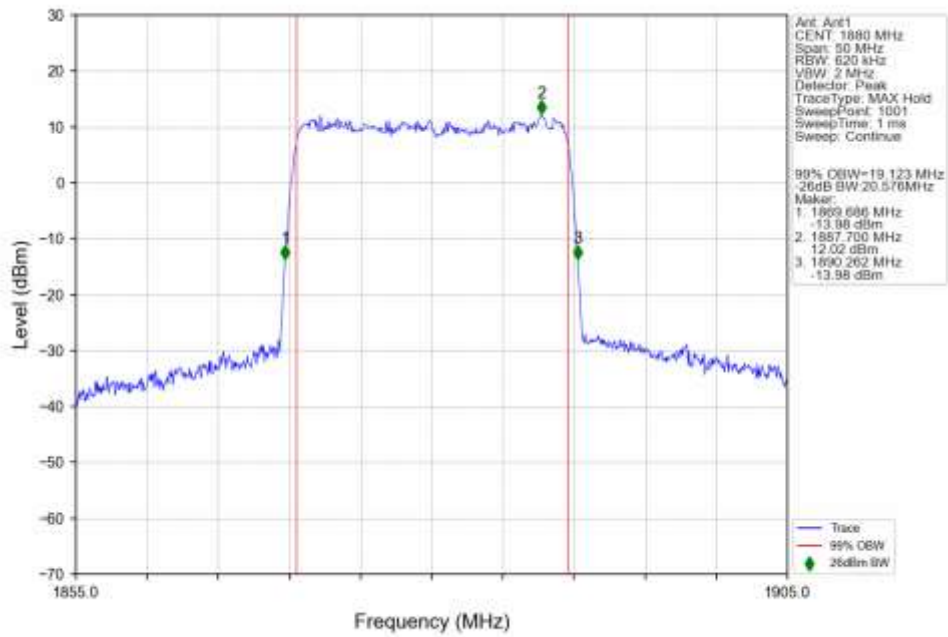
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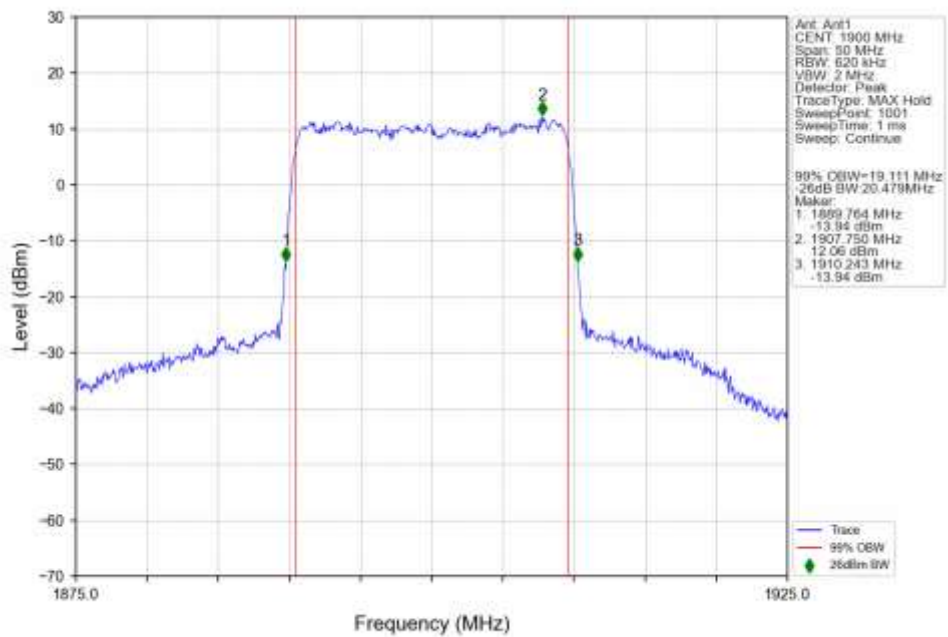
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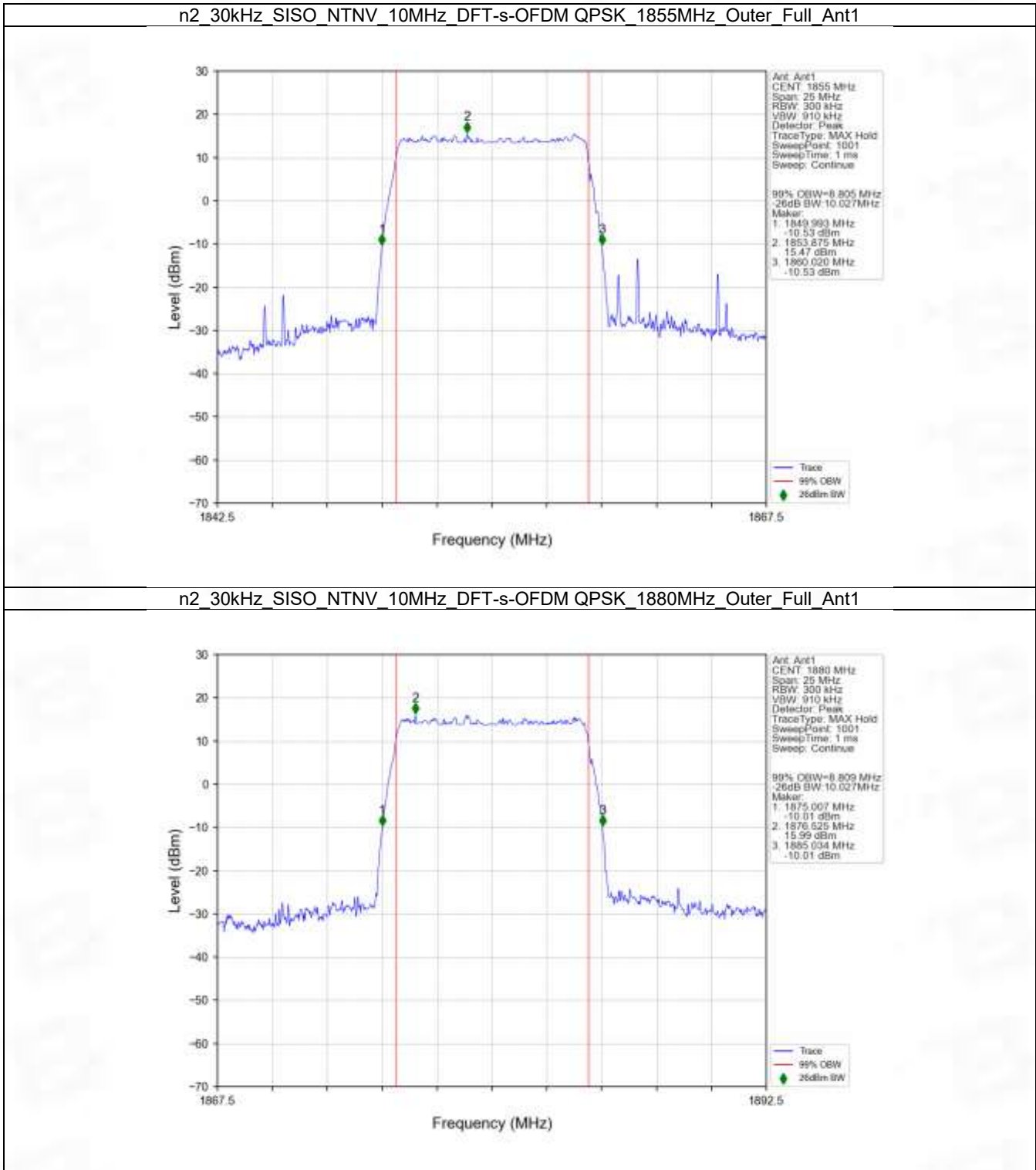
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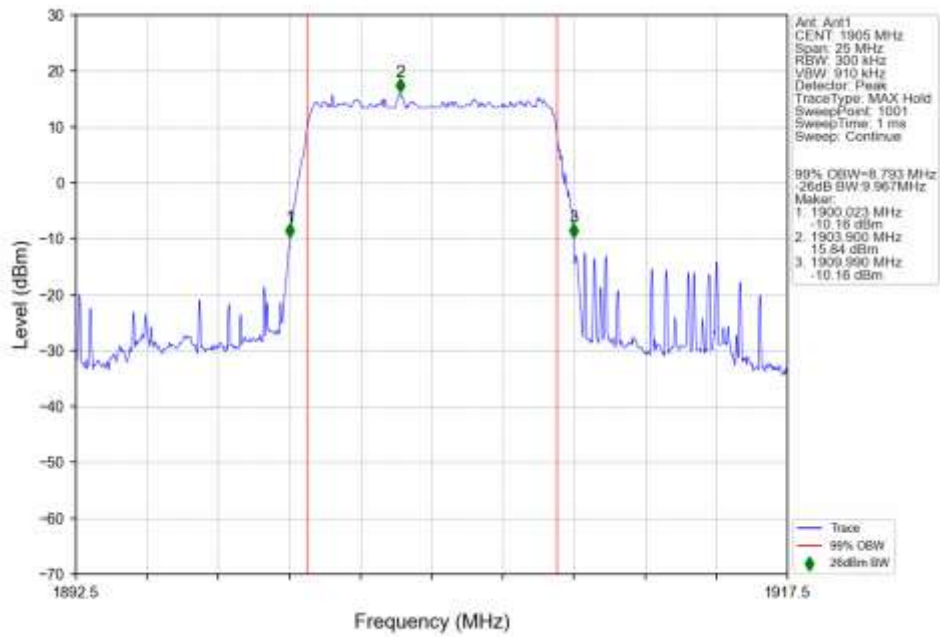
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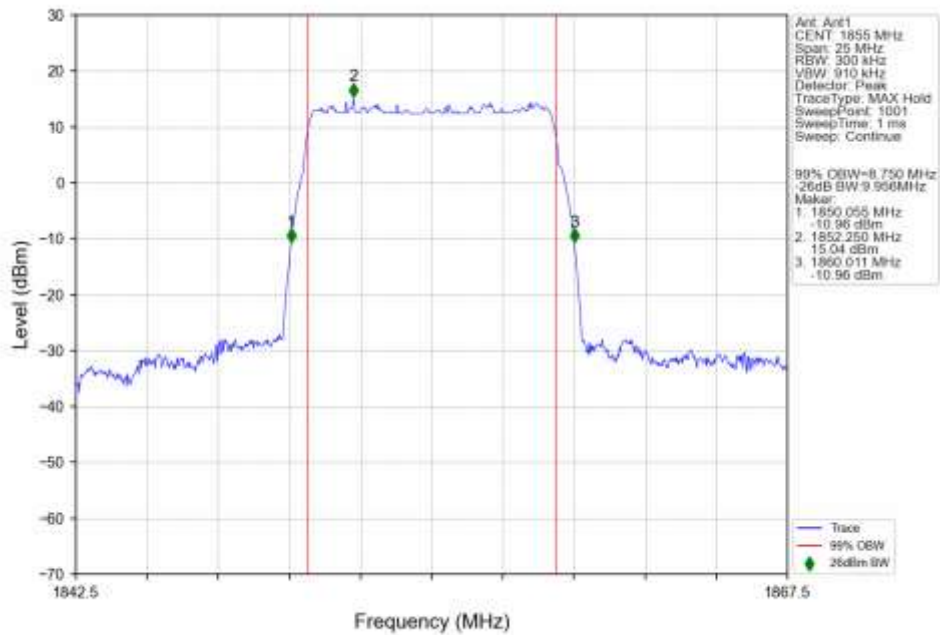
4.2.5 30k_SISO_10MHz_NTNV



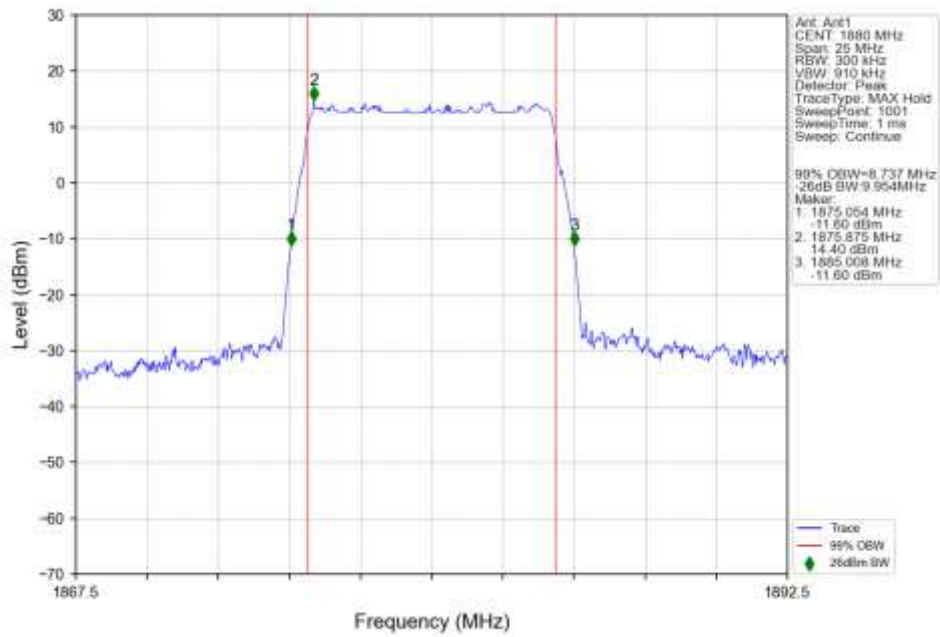
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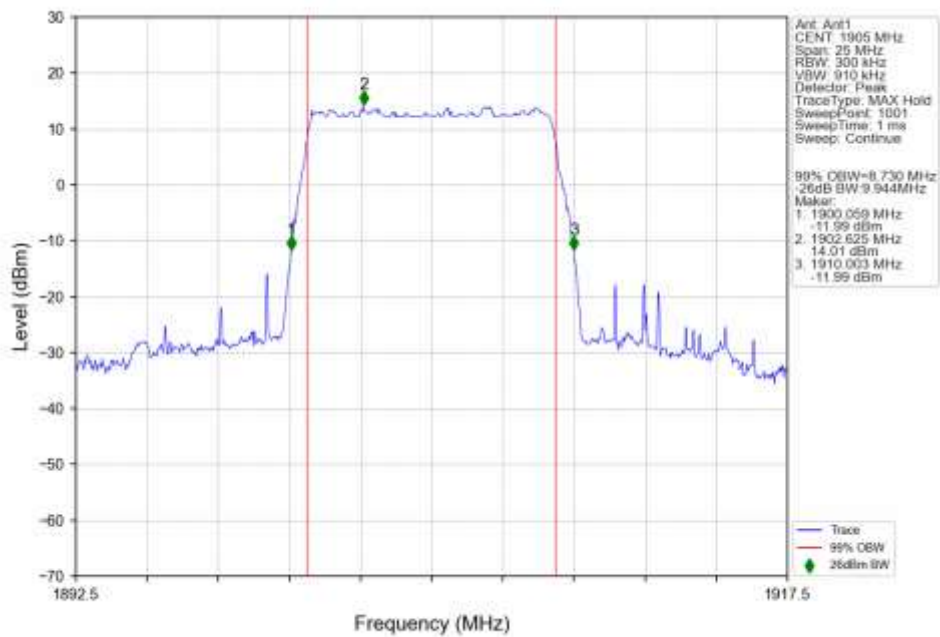
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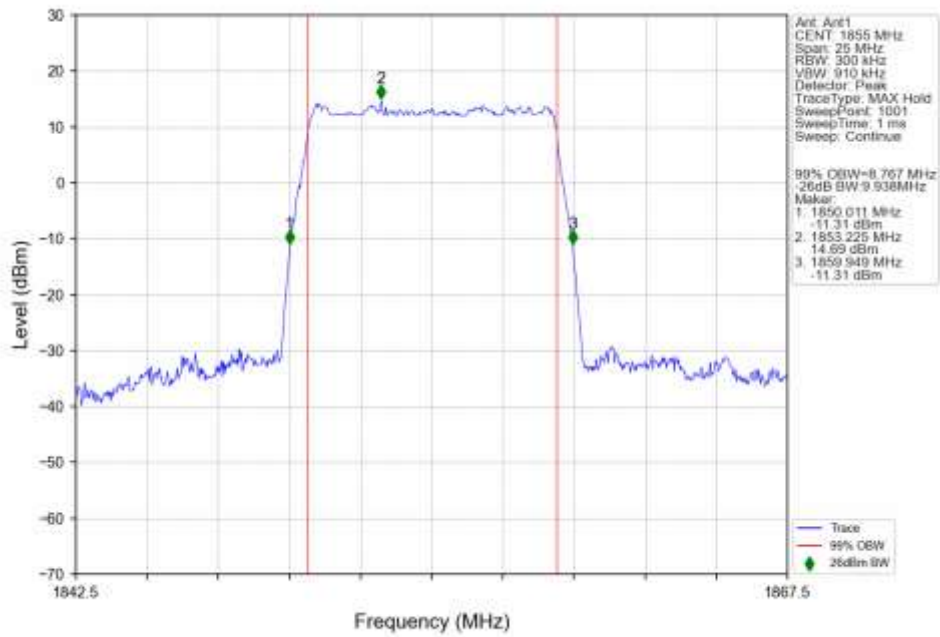
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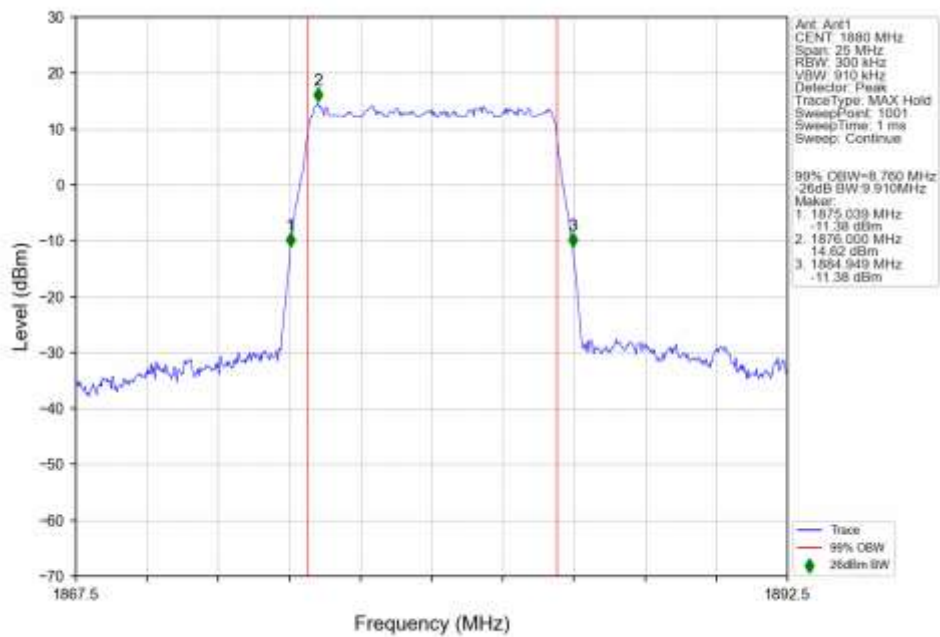
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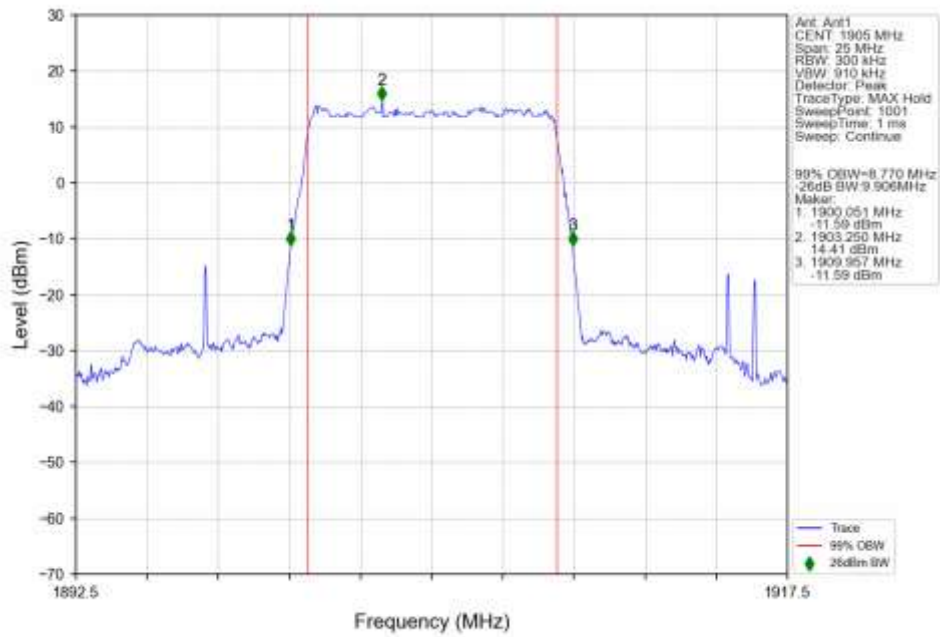
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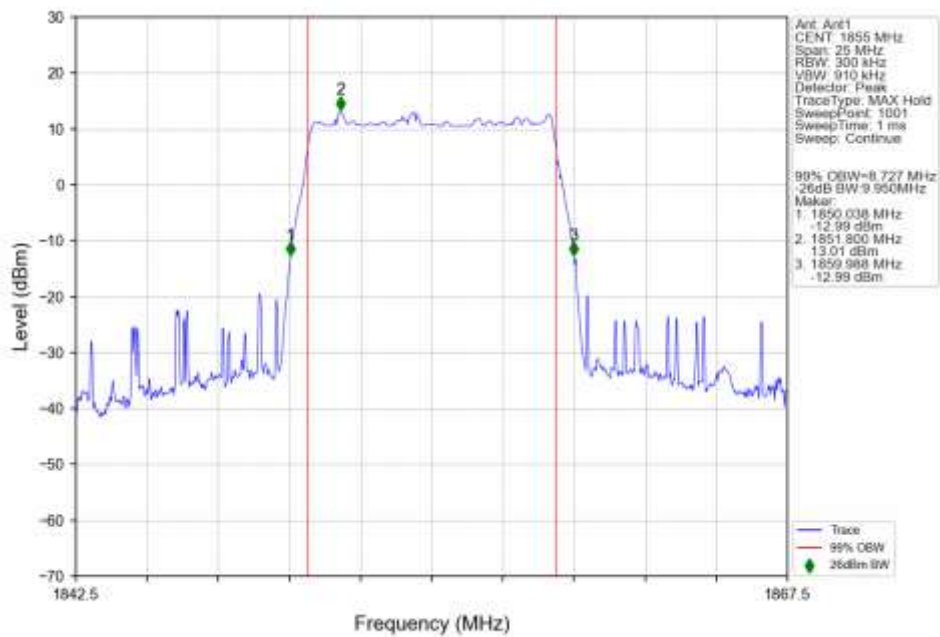
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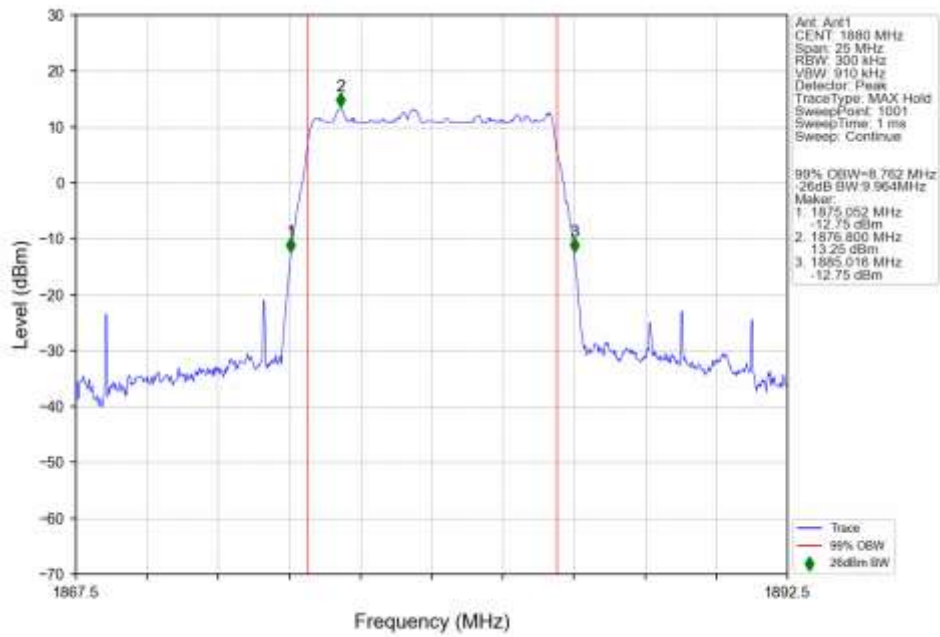
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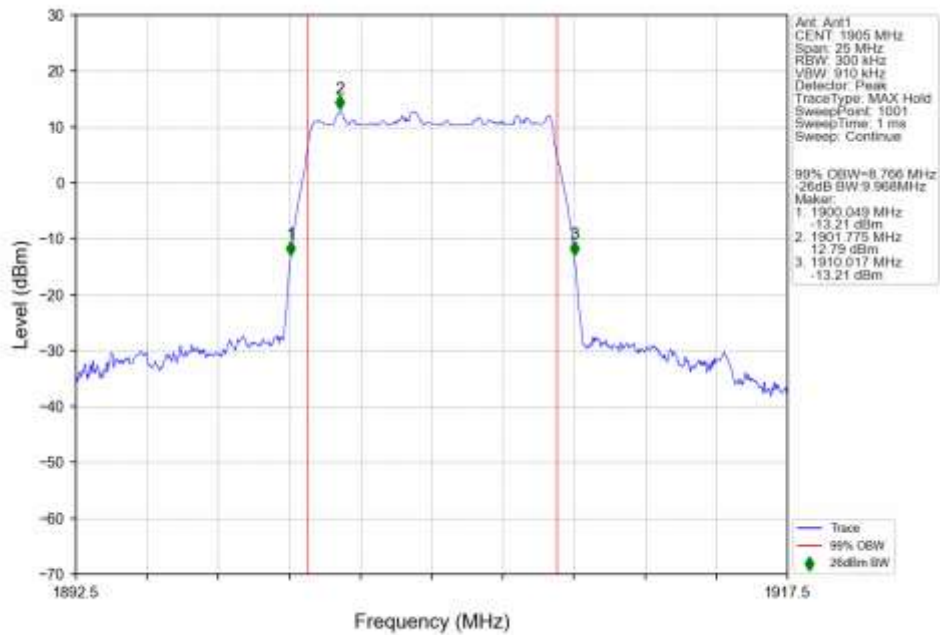
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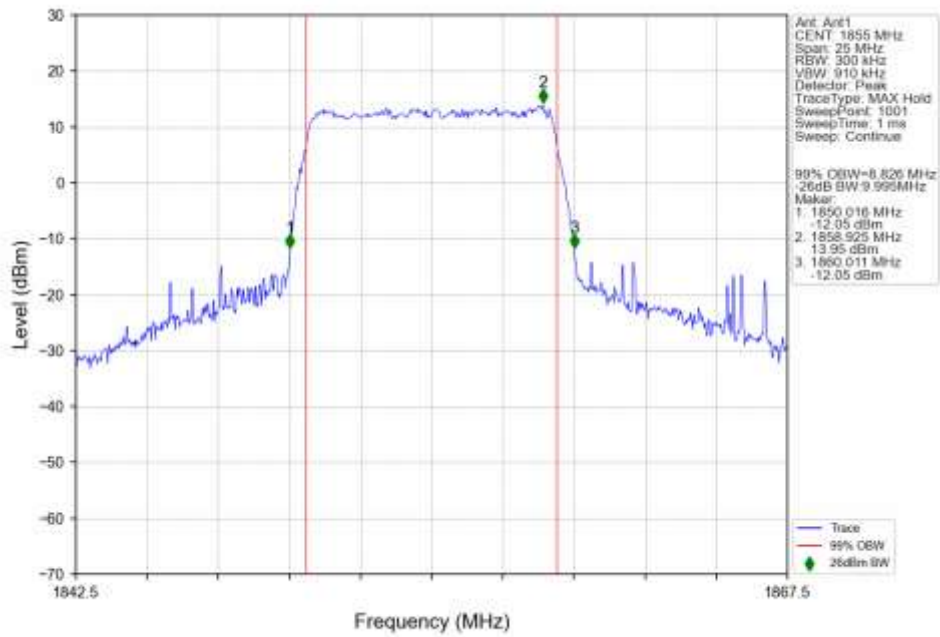
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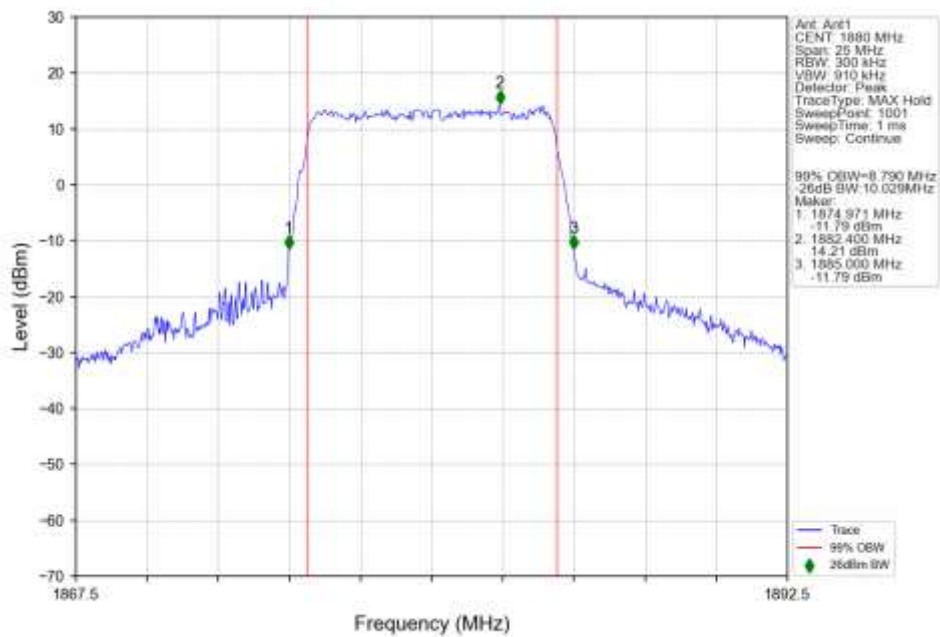
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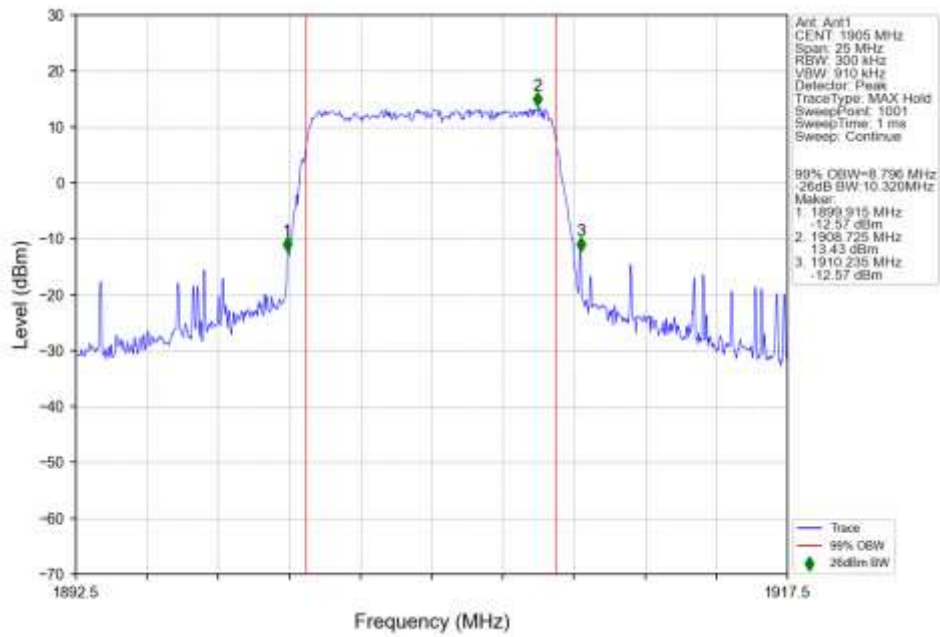
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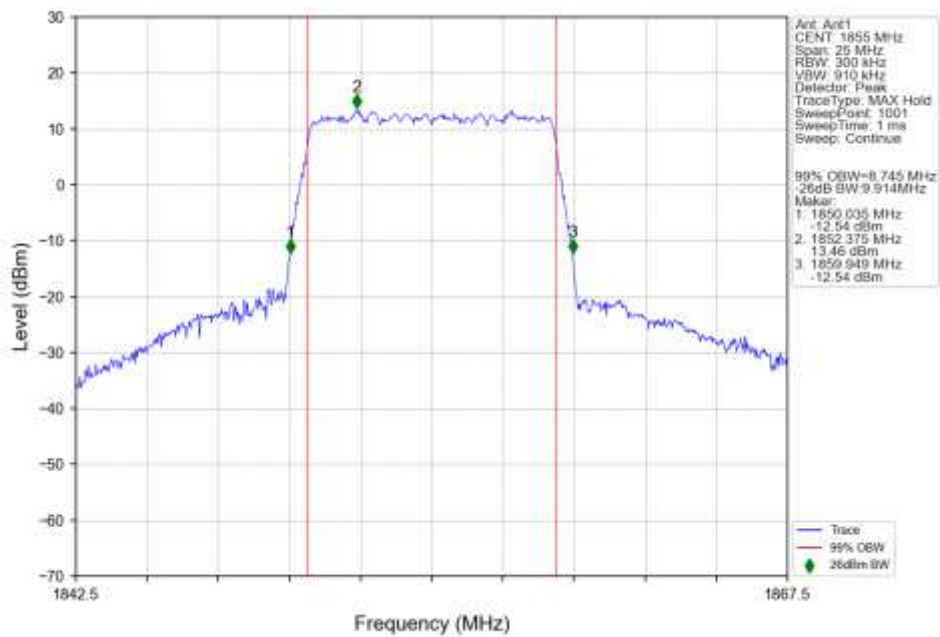
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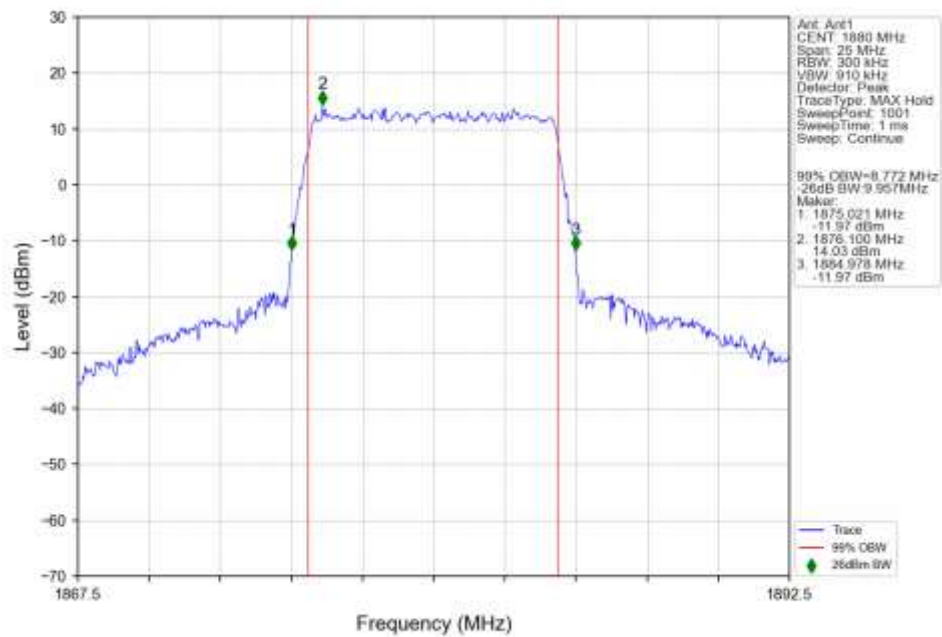
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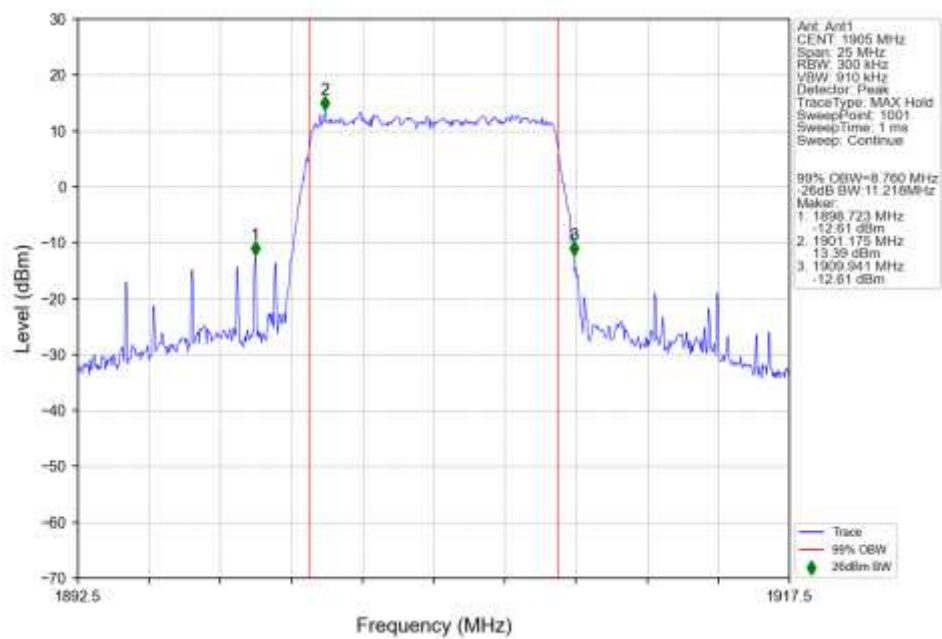
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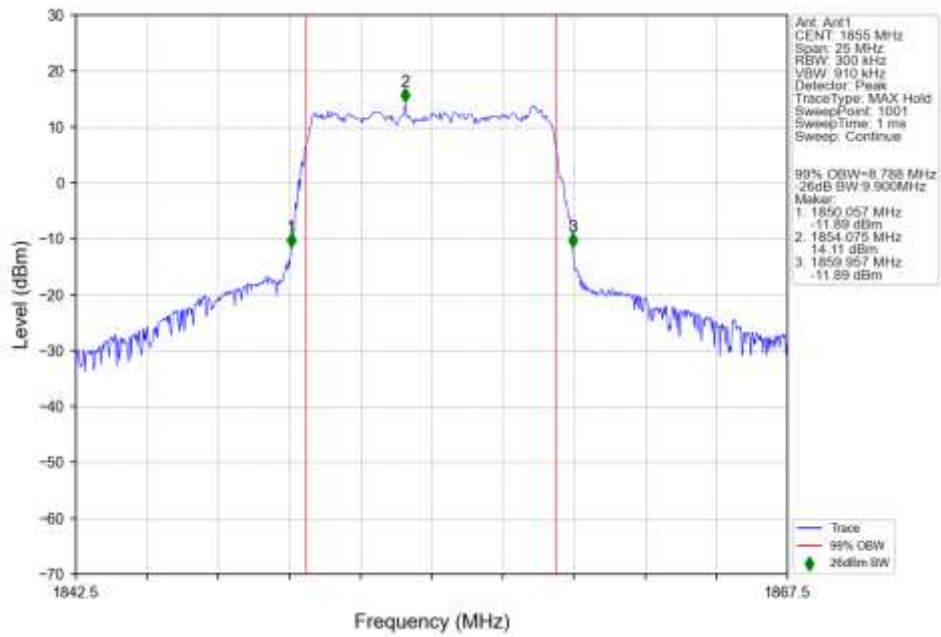
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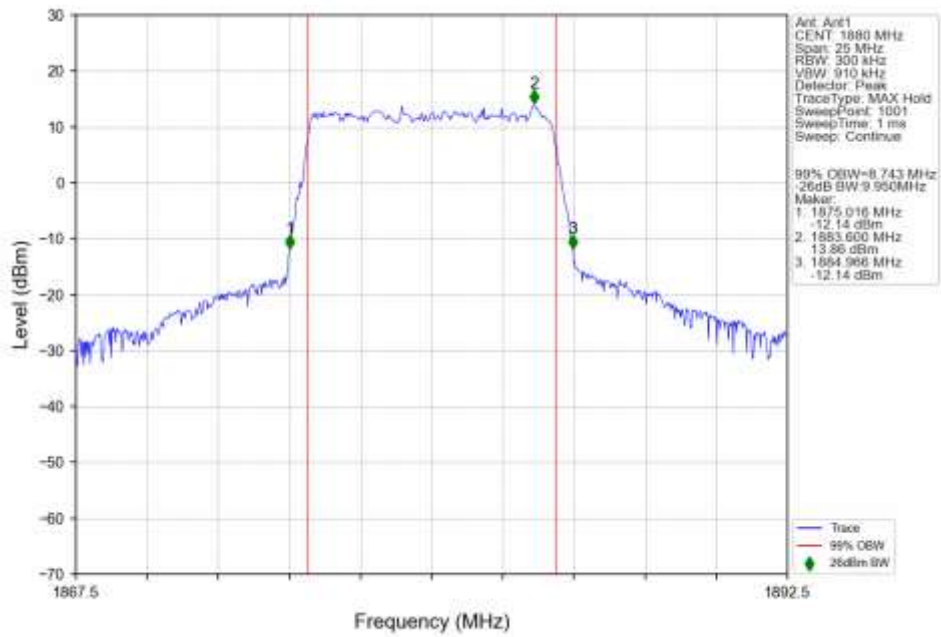
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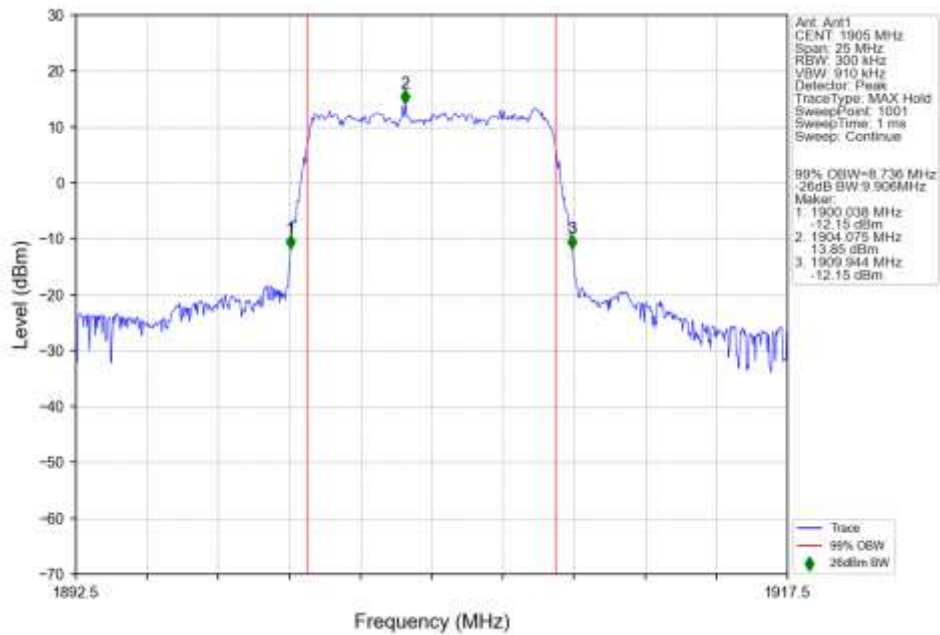
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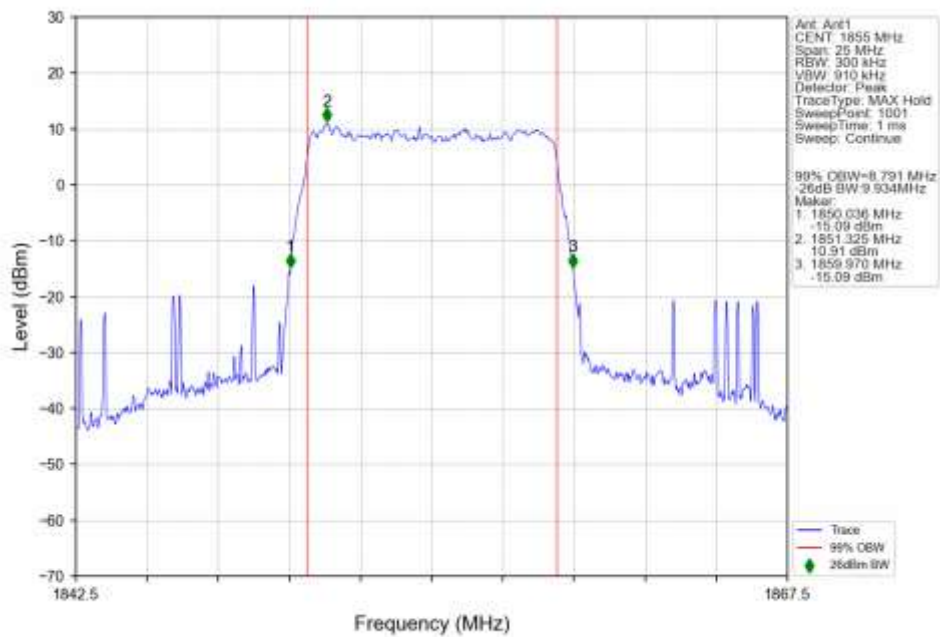
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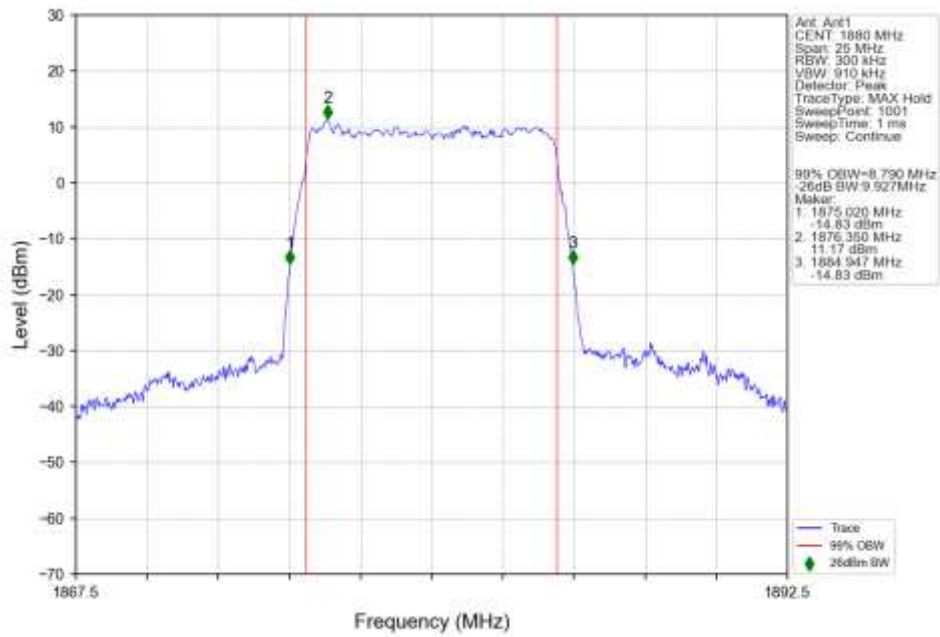
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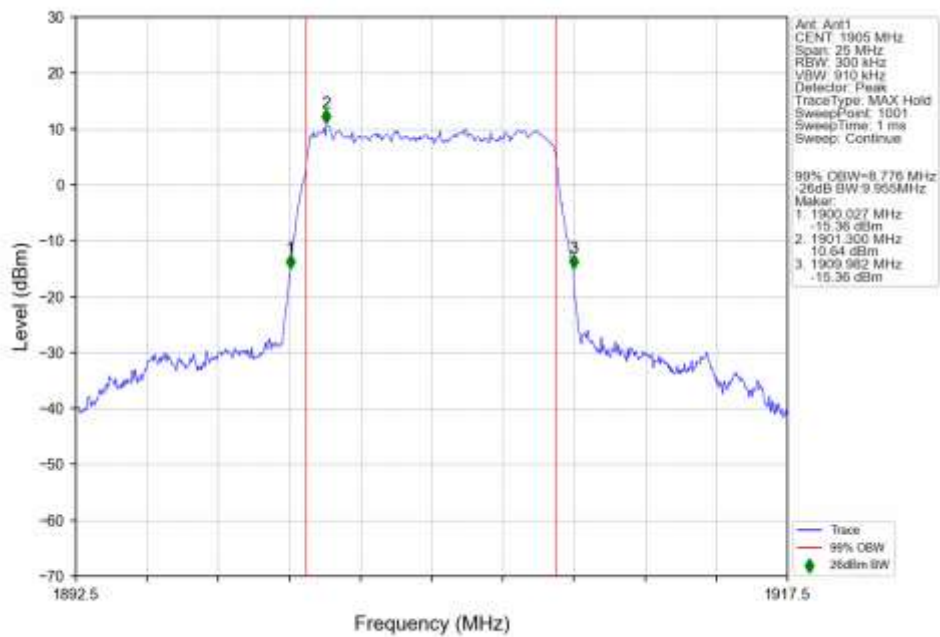
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n2 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 1880MHz Outer Full Ant1

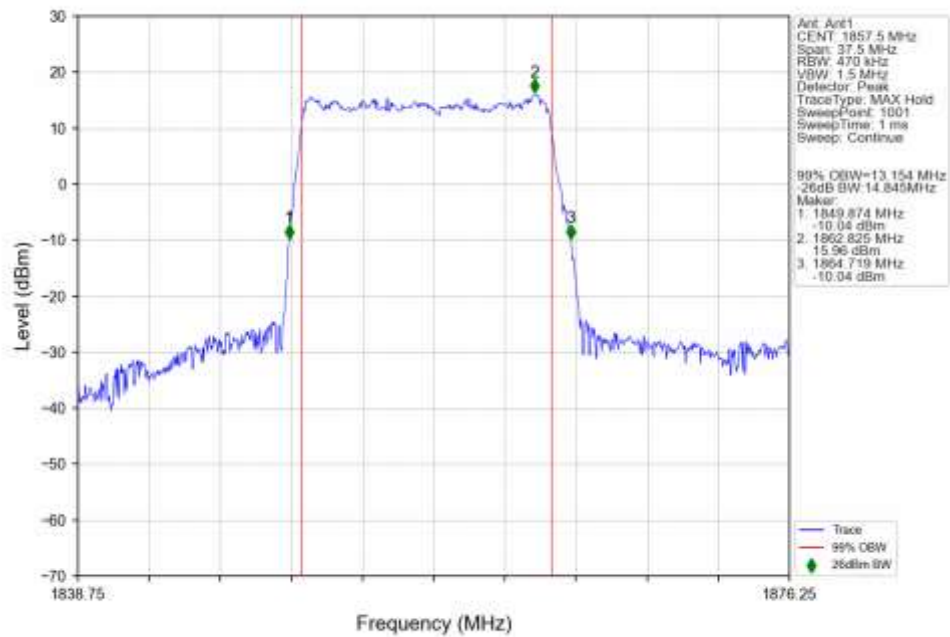


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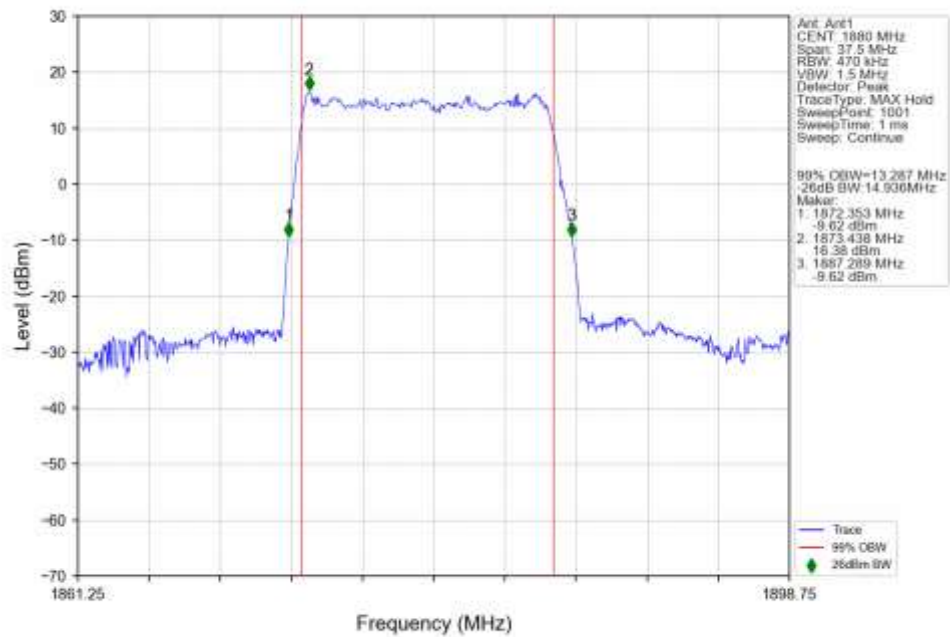


4.2.6 30k_SISO_15MHz_NTNV

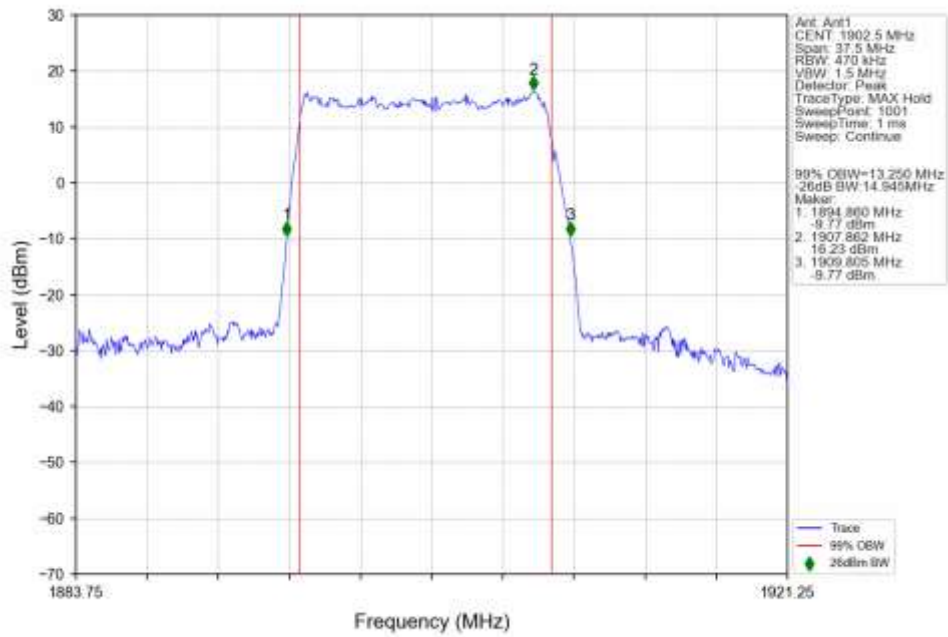
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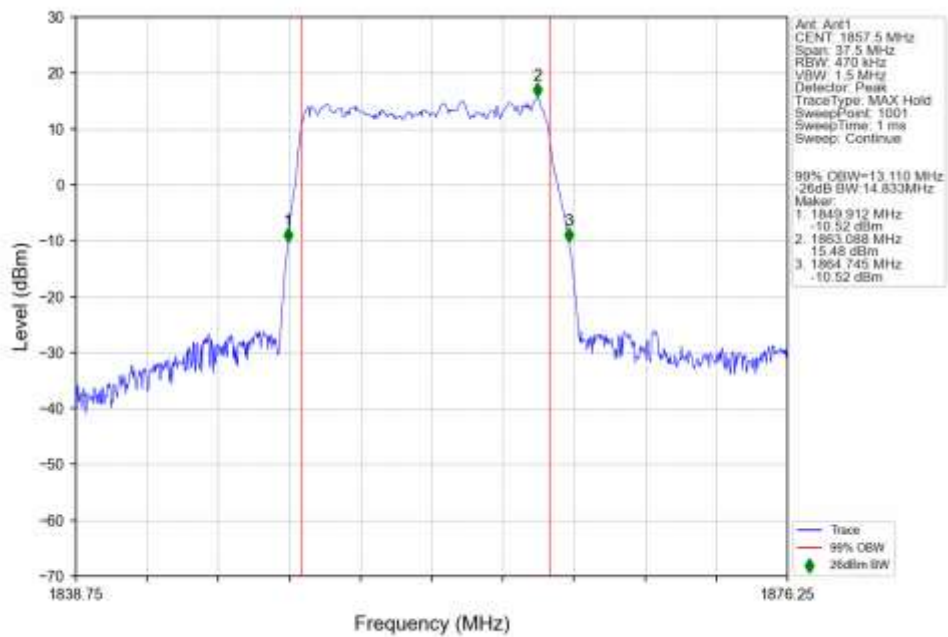
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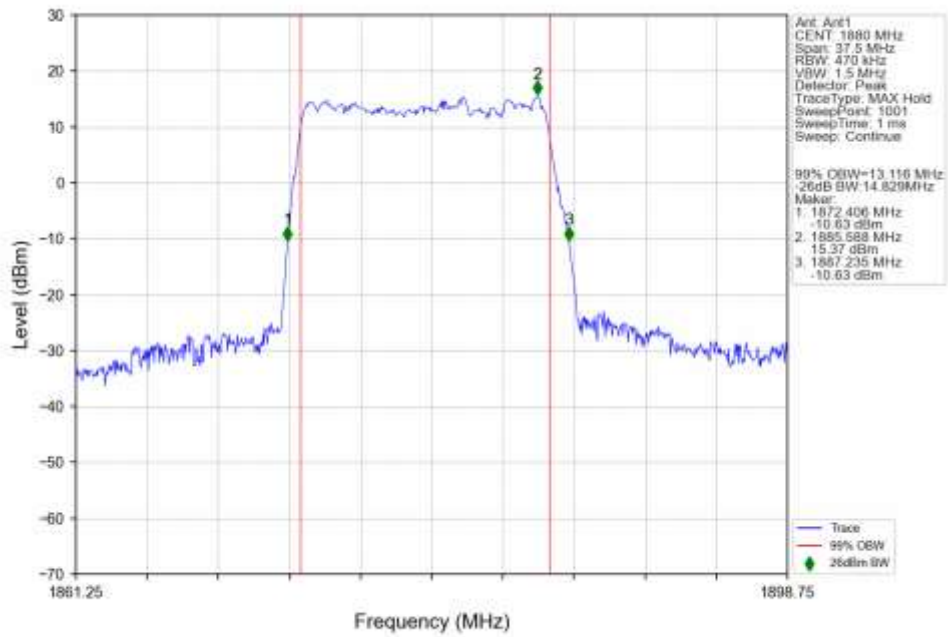
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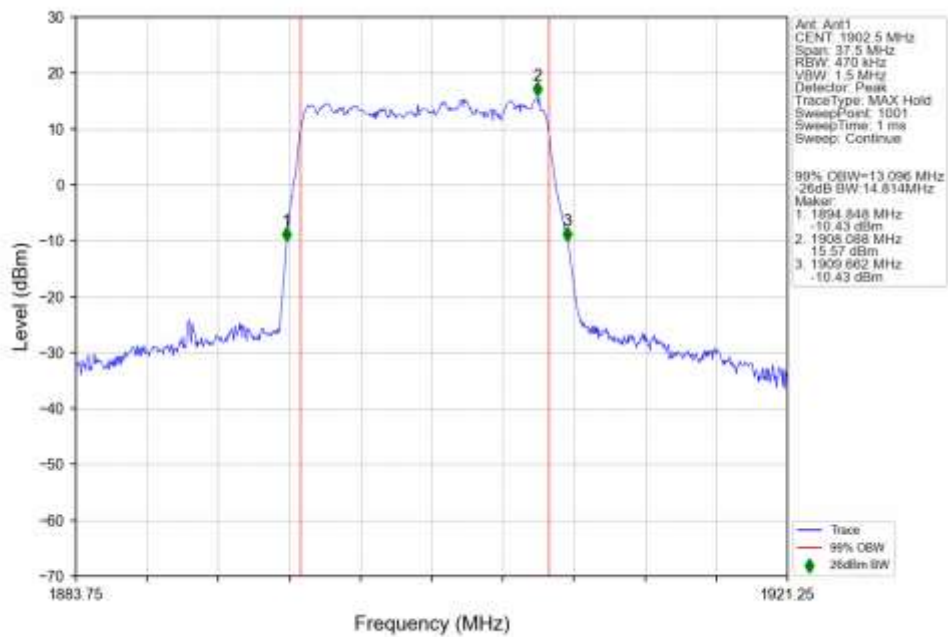
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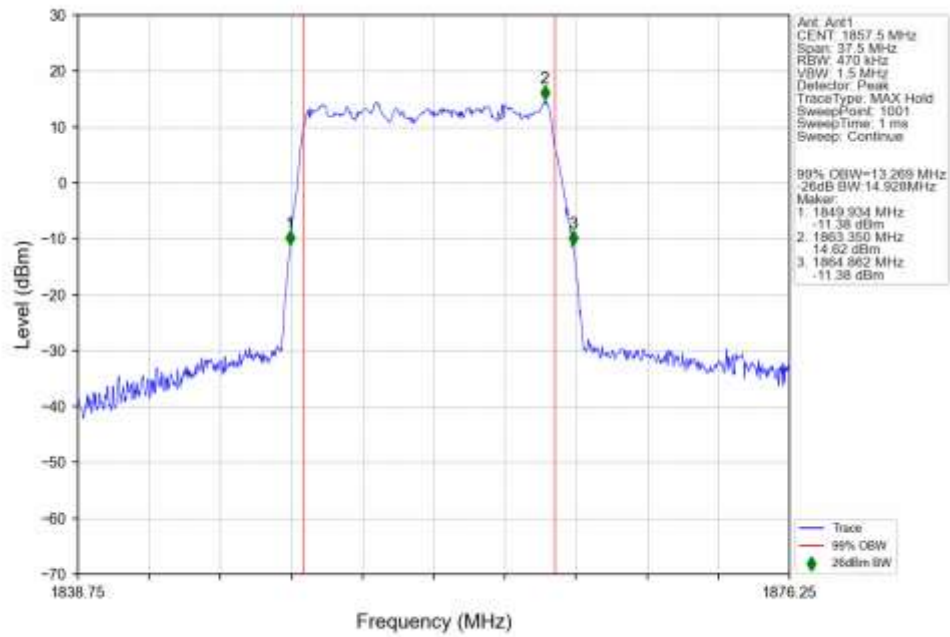
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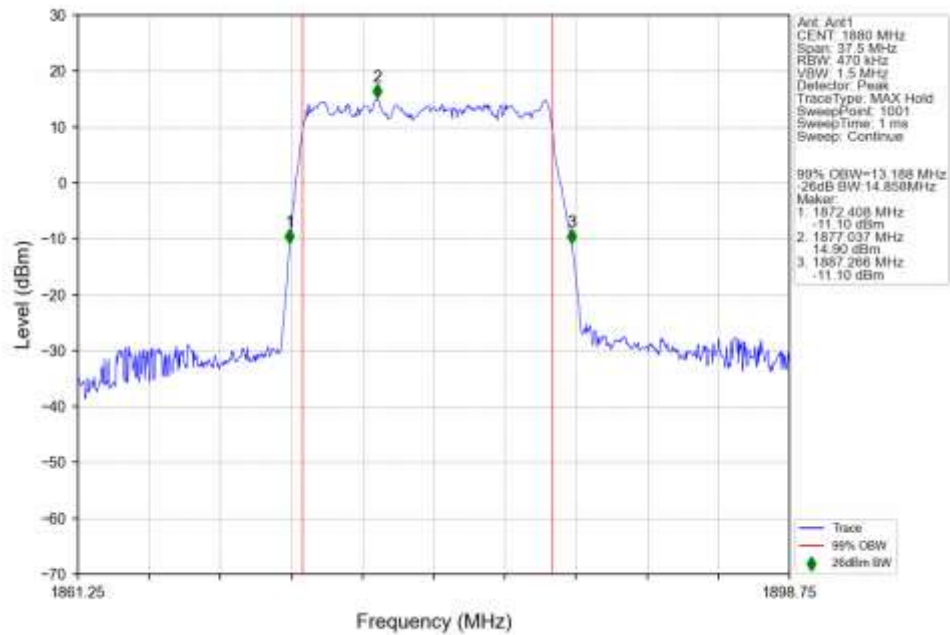
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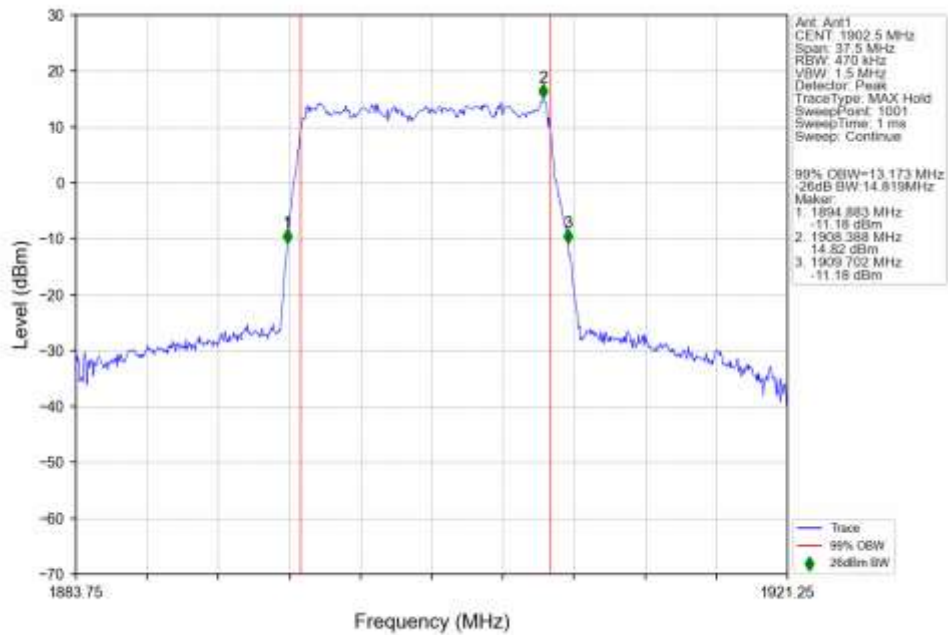
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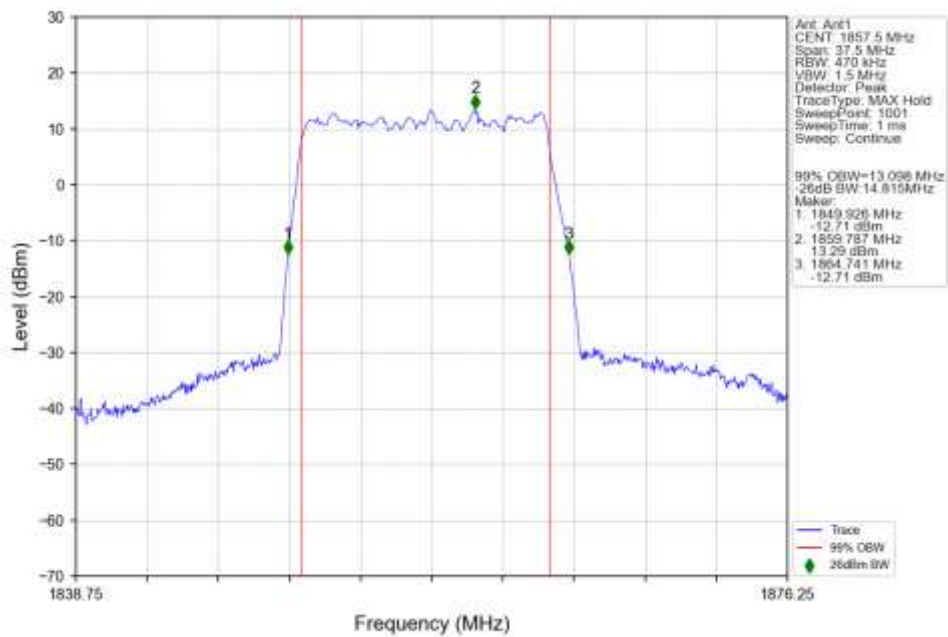
n2 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant1



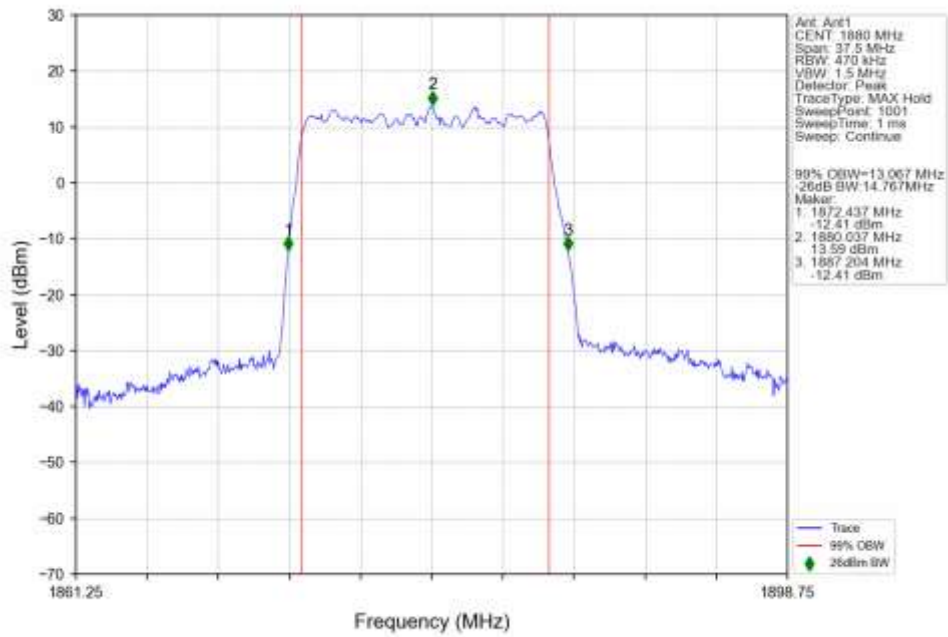
n2 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 1902.5MHz Outer Full Ant1



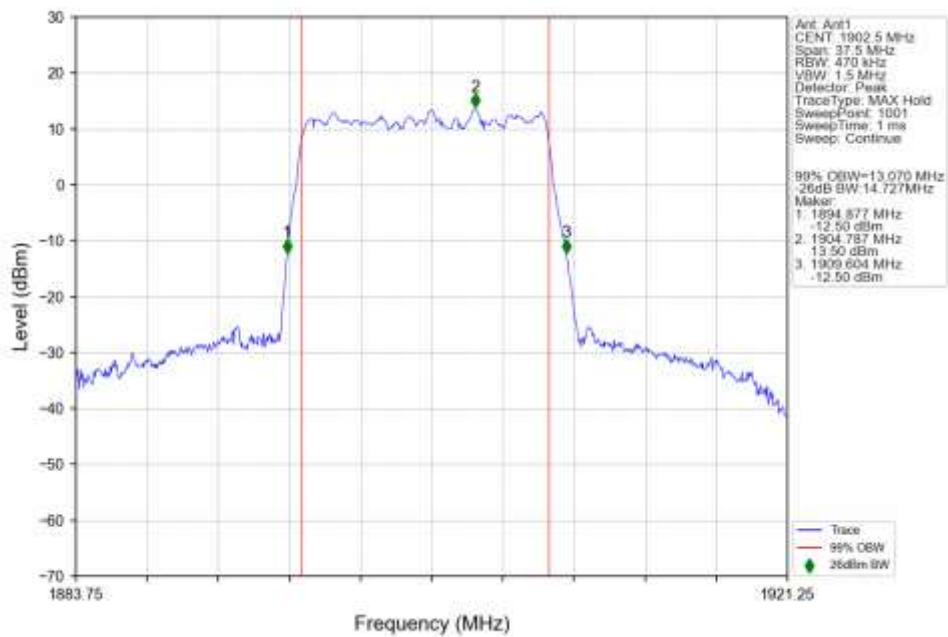
n2 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 1857.5MHz Outer Full Ant1



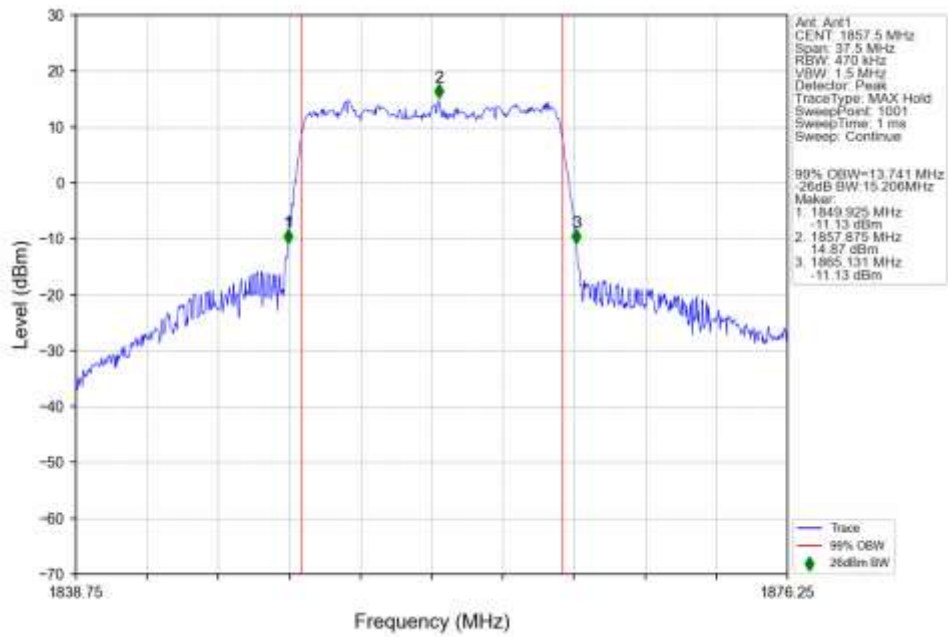
n2 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 1880MHz Outer Full Ant1



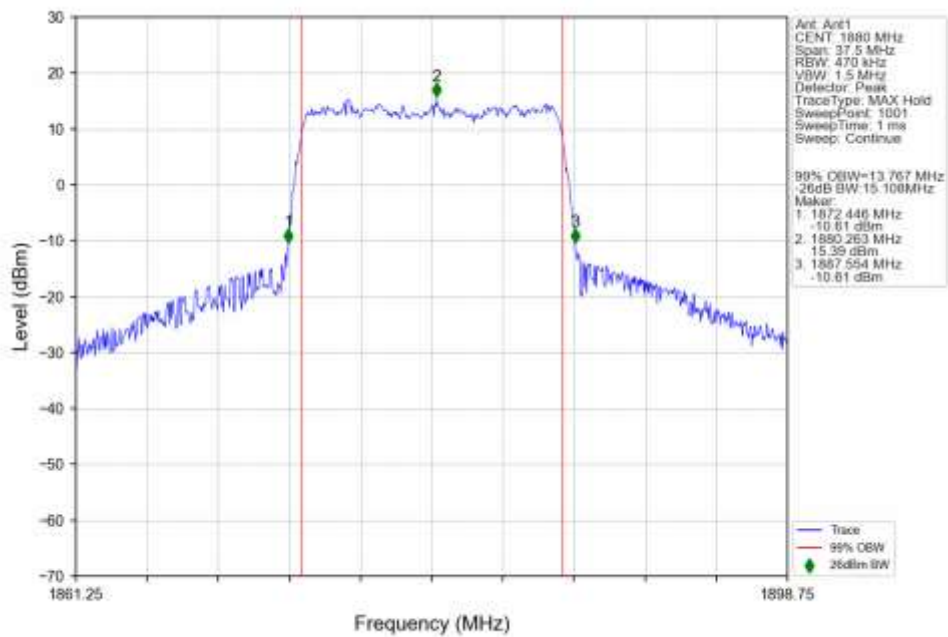
n2 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 1902.5MHz Outer Full Ant1



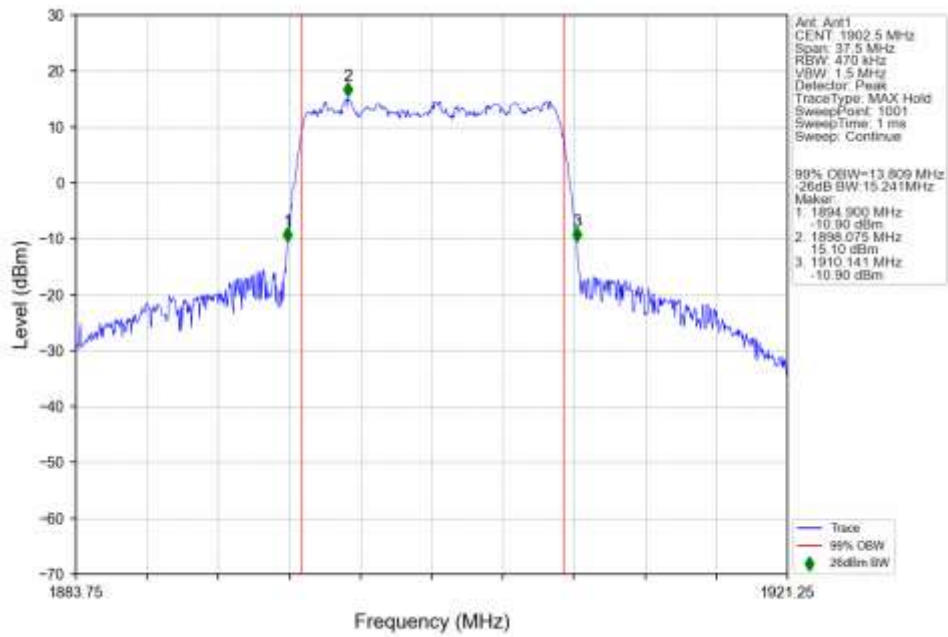
n2 30kHz SISO NTN 15MHz CP-OFDM QPSK 1857.5MHz Outer Full Ant1



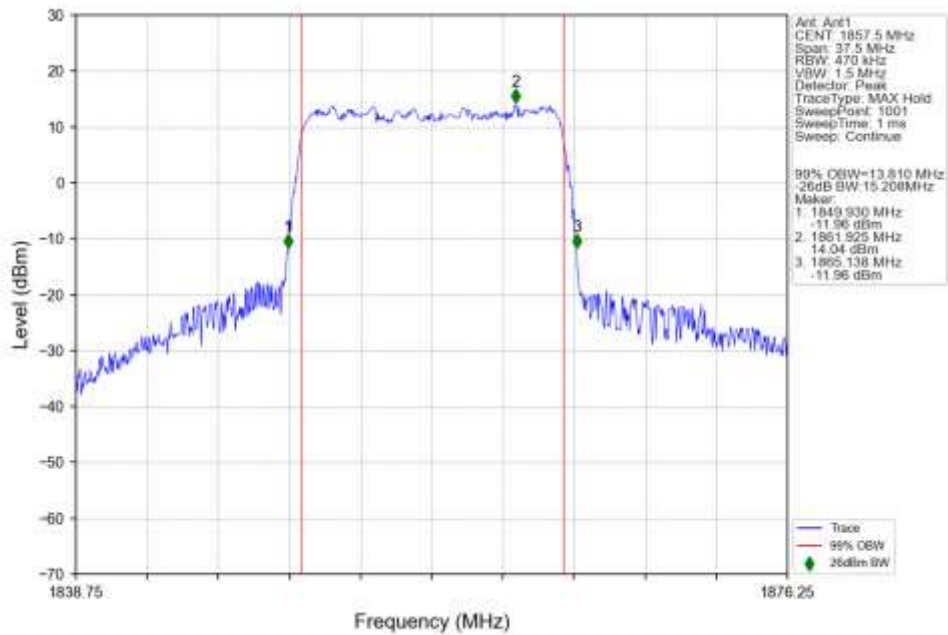
n2 30kHz SISO NTN 15MHz CP-OFDM QPSK 1880MHz Outer Full Ant1



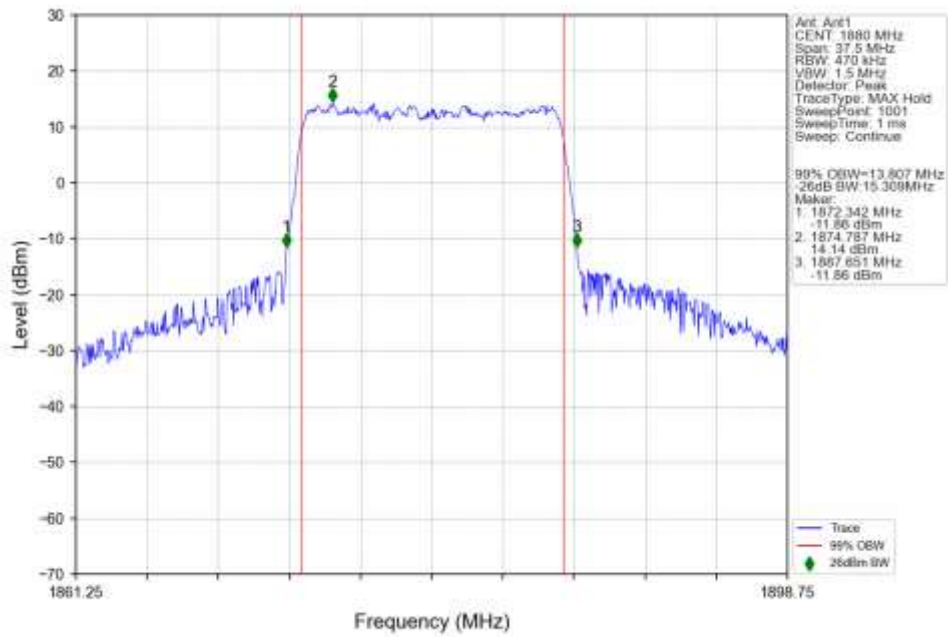
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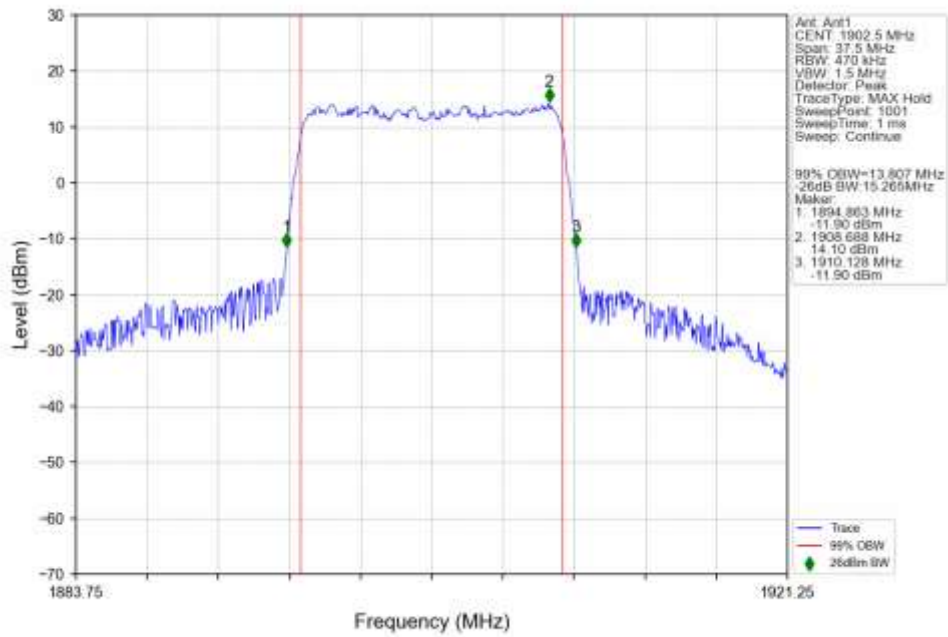
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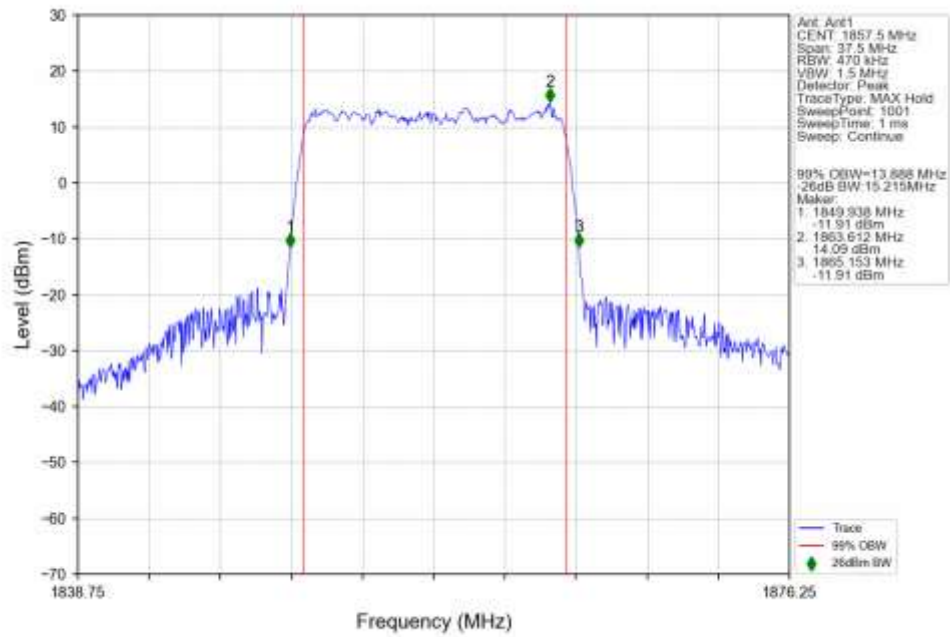
n2 30kHz SISO NTN 15MHz CP-OFDM 16 QAM 1880MHz Outer Full Ant1



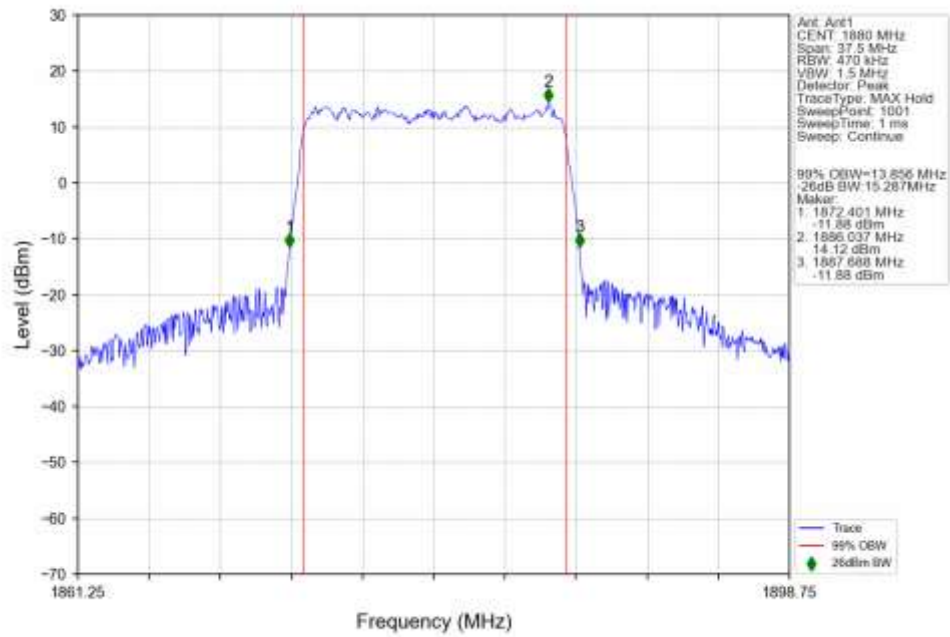
n2 30kHz SISO NTN 15MHz CP-OFDM 16 QAM 1902.5MHz Outer Full Ant1



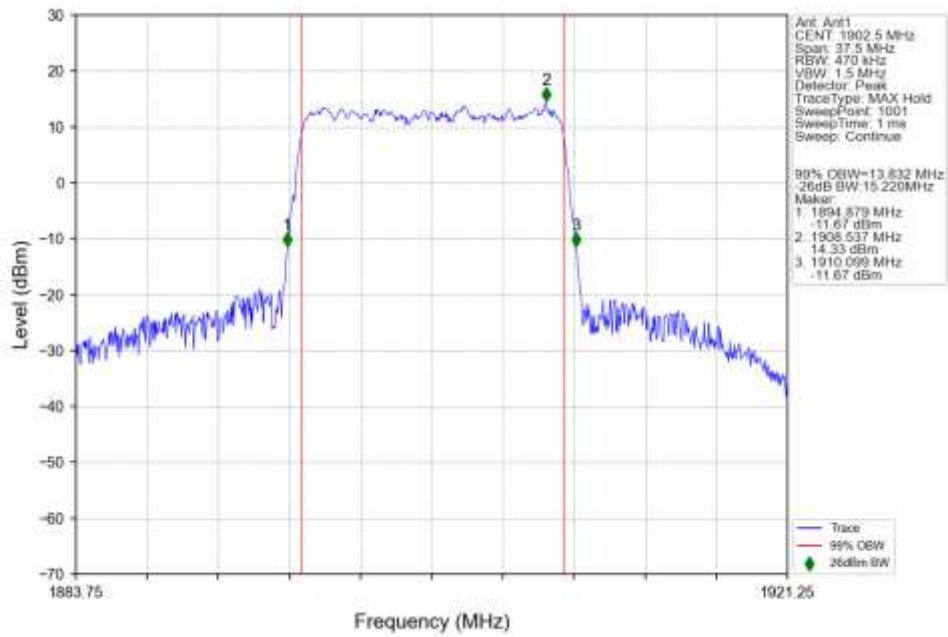
n2 30kHz SISO NTN 15MHz CP-OFDM 64 QAM 1857.5MHz Outer Full Ant1



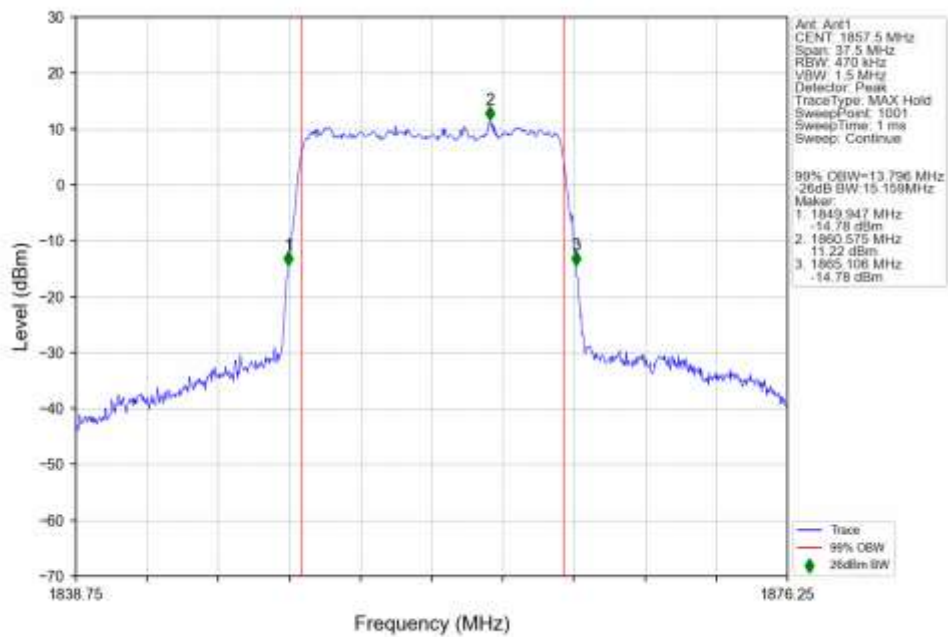
n2 30kHz SISO NTN 15MHz CP-OFDM 64 QAM 1880MHz Outer Full Ant1



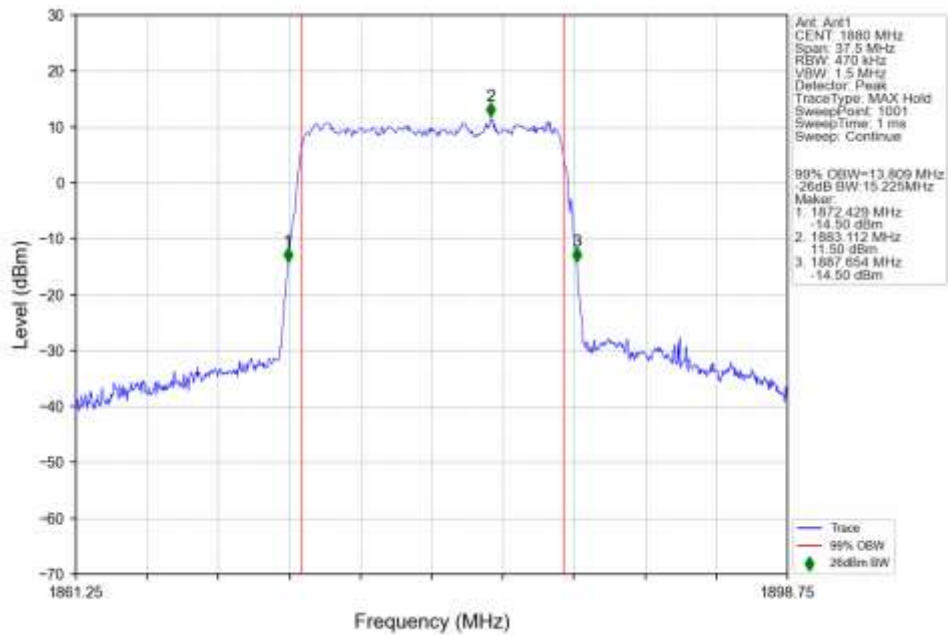
n2 30kHz SISO NTN 15MHz CP-OFDM 64 QAM 1902.5MHz Outer Full Ant1



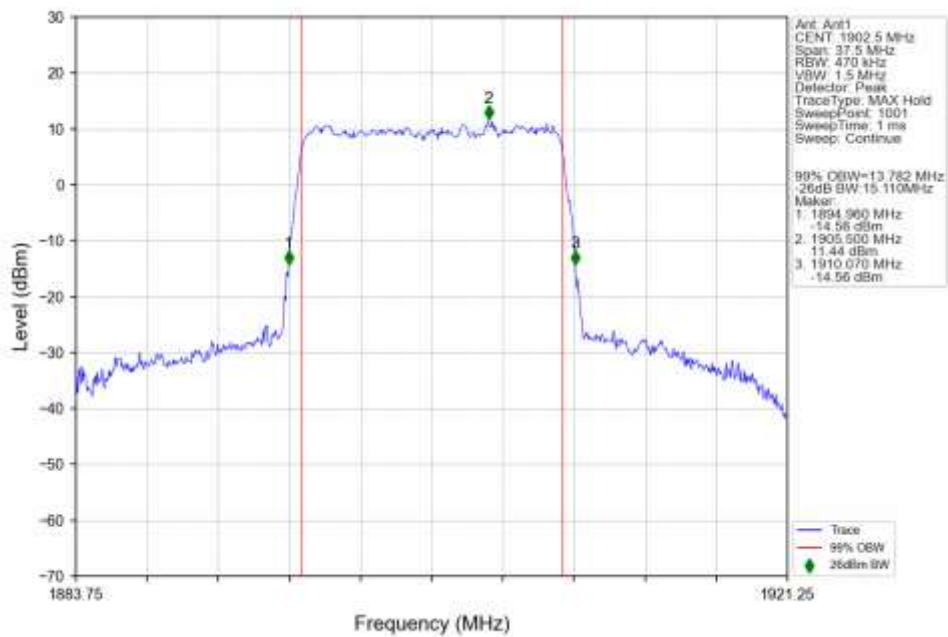
n2 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 1857.5MHz Outer Full Ant1



n2_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant1

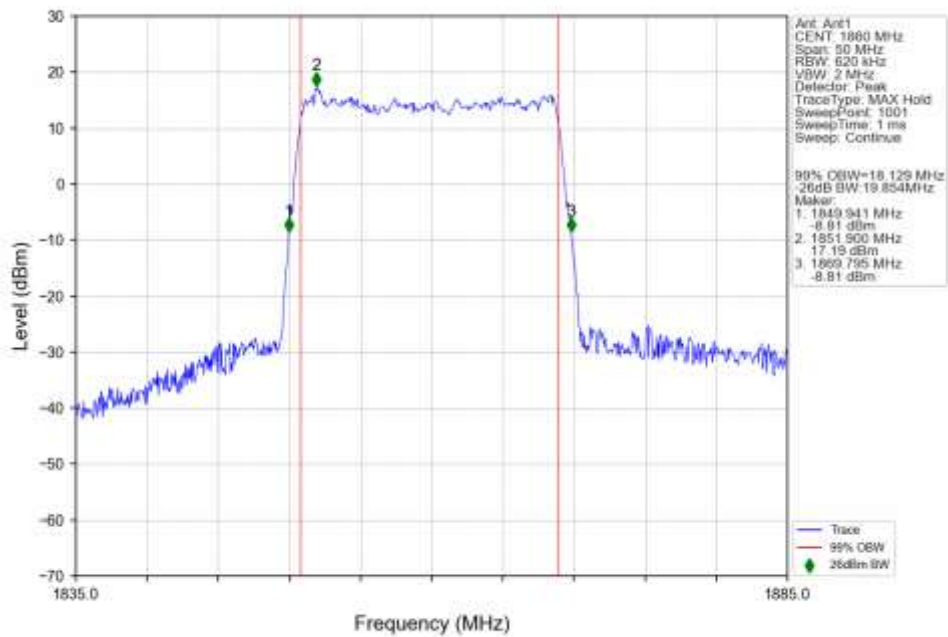


n2_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1902.5MHz_Outer_Full_Ant1

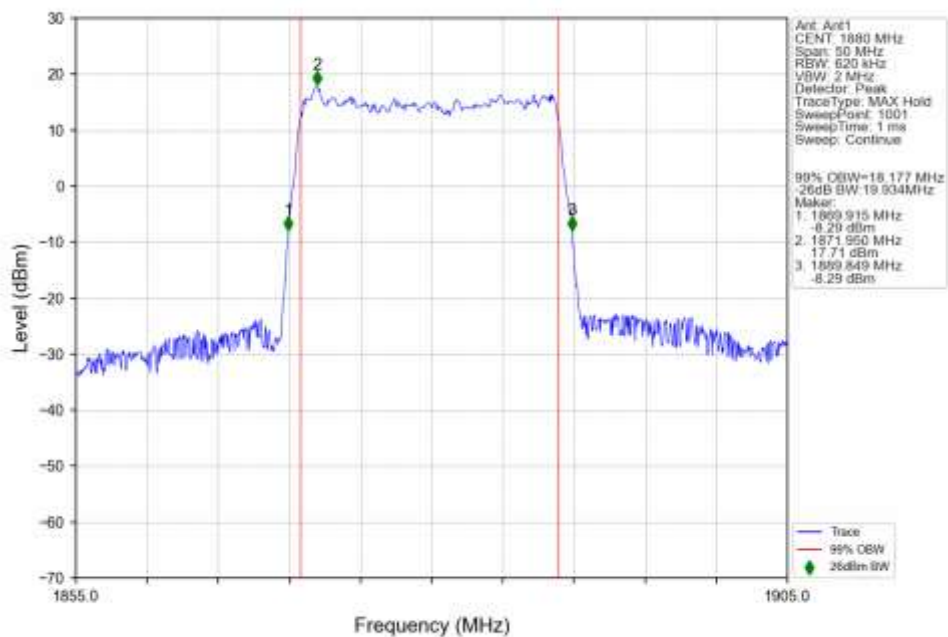


4.2.7 30k_SISO_20MHz_NTNV

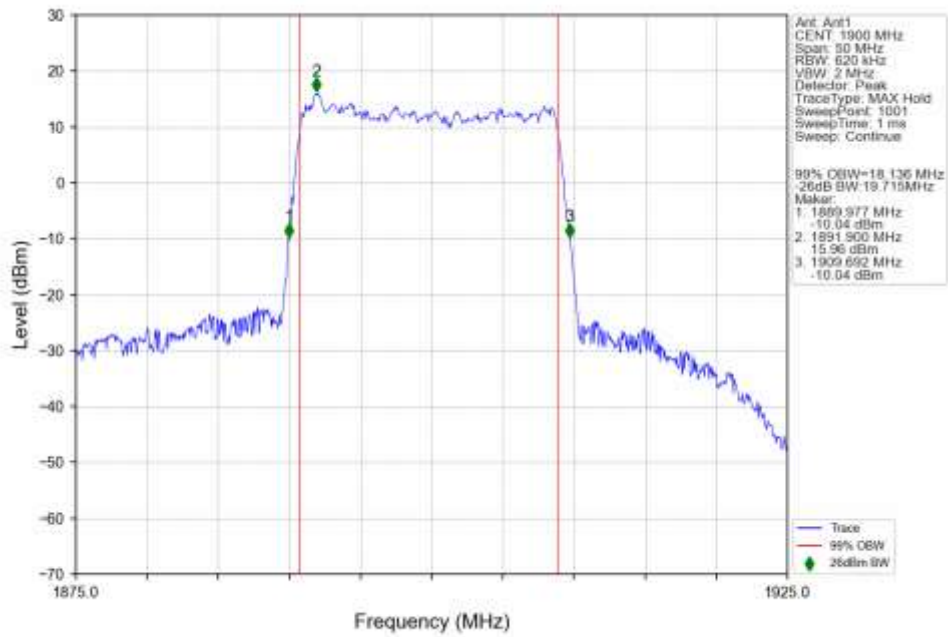
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1860MHz_Outer_Full_Ant1



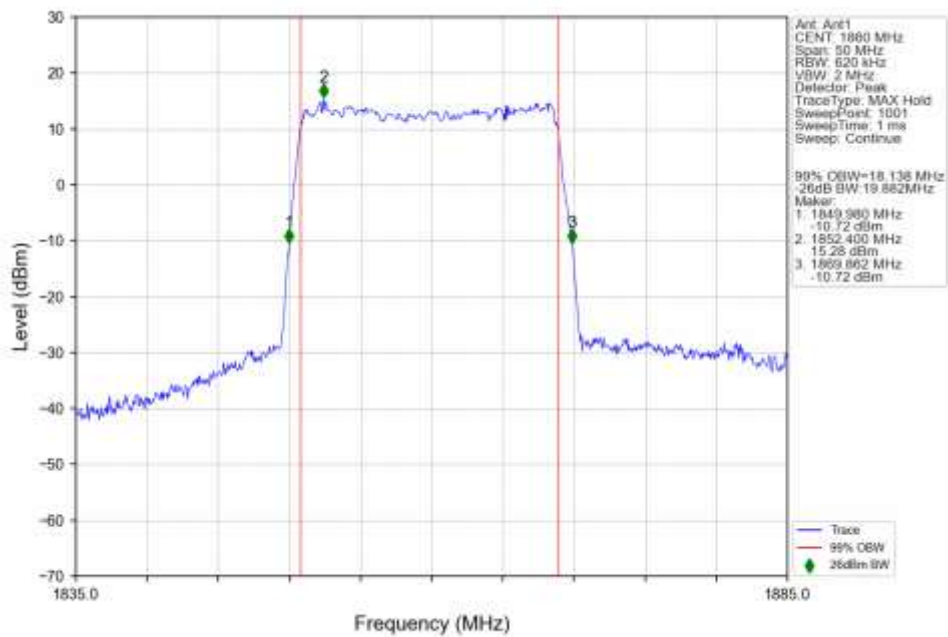
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1880MHz_Outer_Full_Ant1



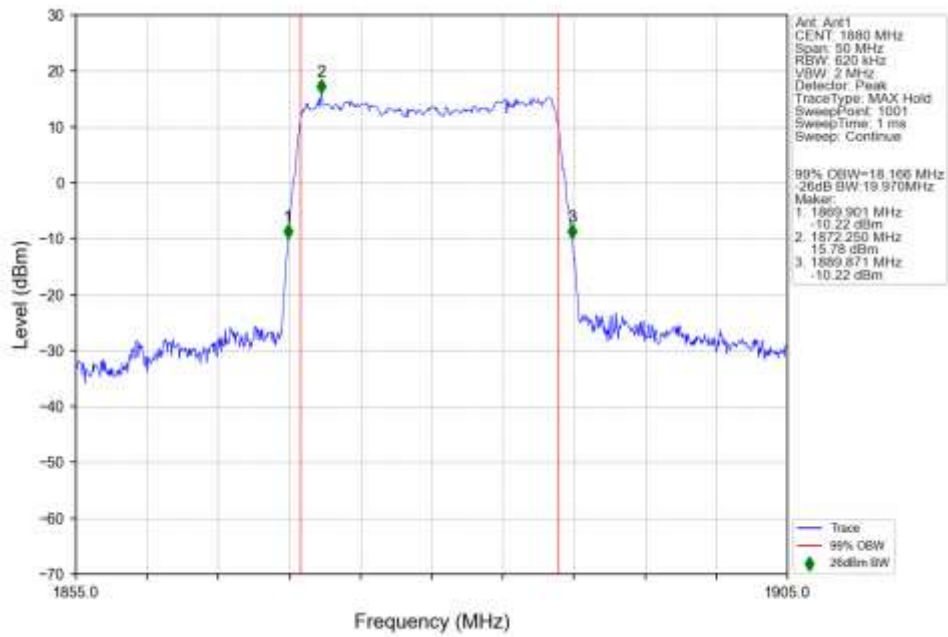
n2 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1900MHz Outer Full Ant1



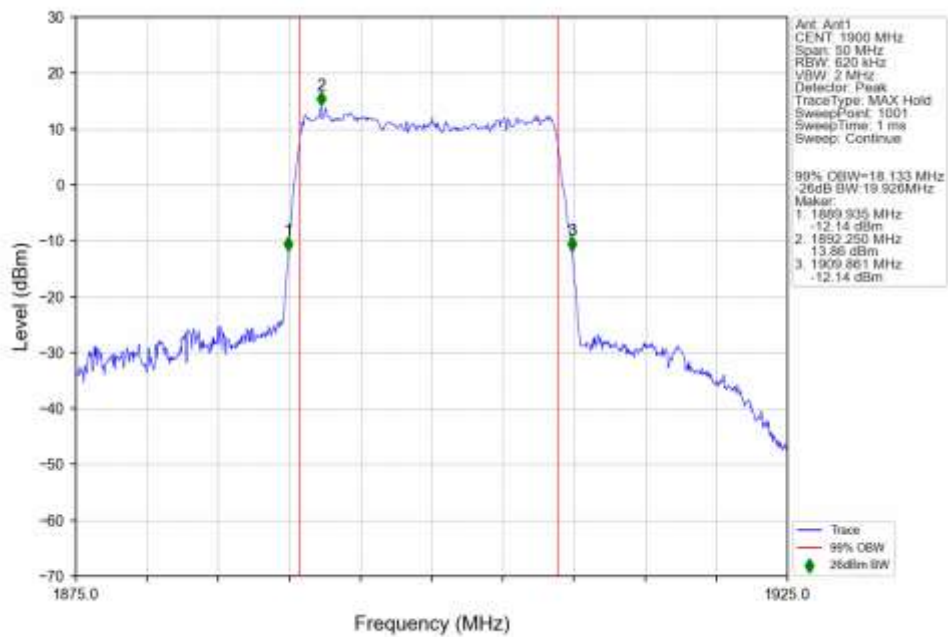
n2 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 1860MHz Outer Full Ant1



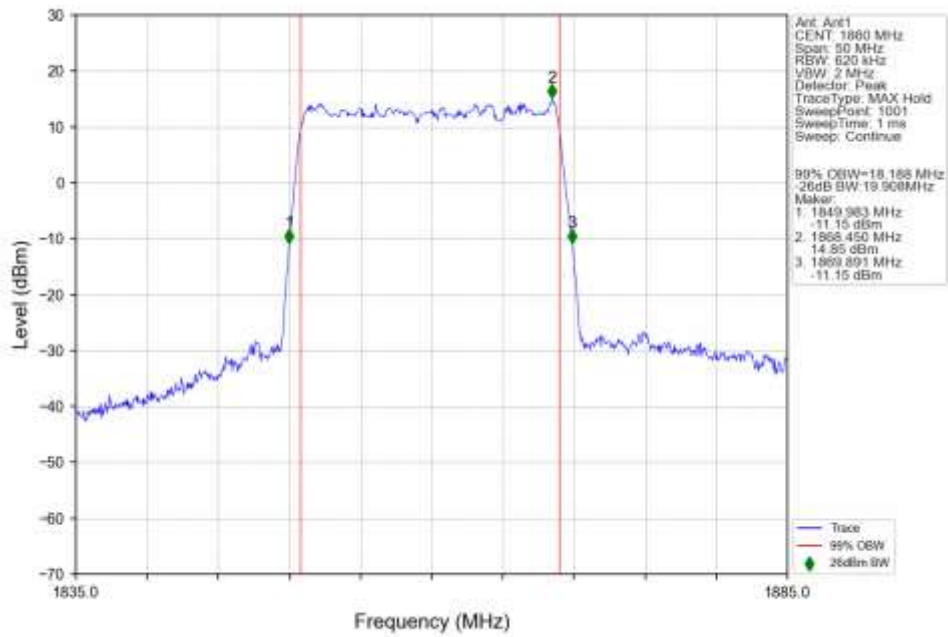
n2 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 1880MHz Outer Full Ant1



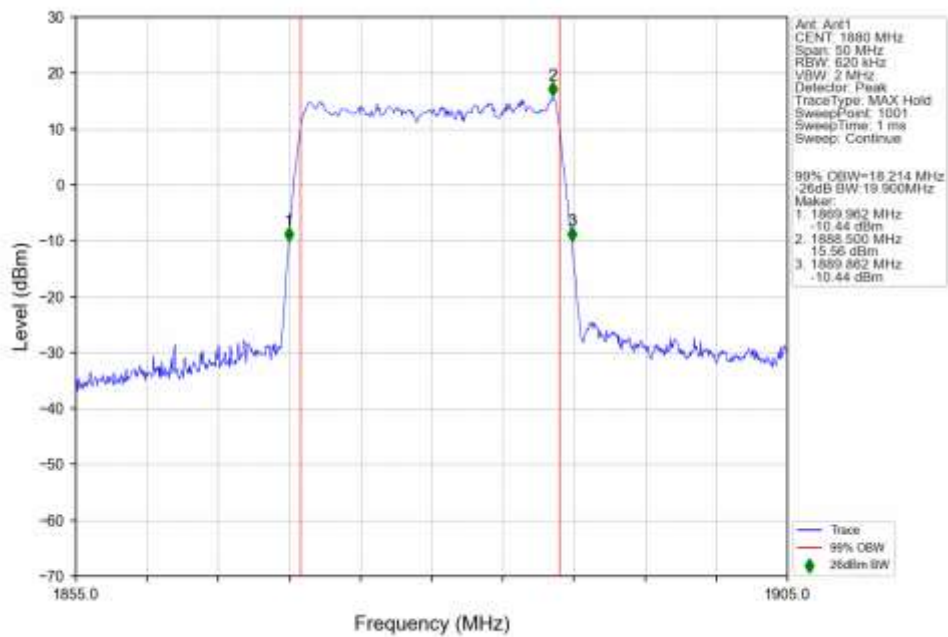
n2 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 1900MHz Outer Full Ant1



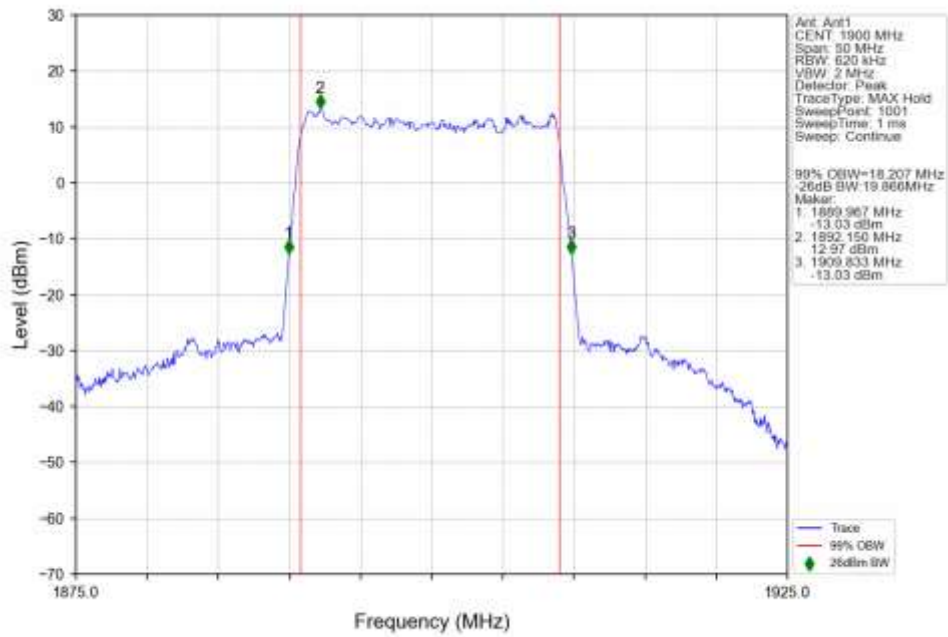
n2 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 1860MHz Outer Full Ant1



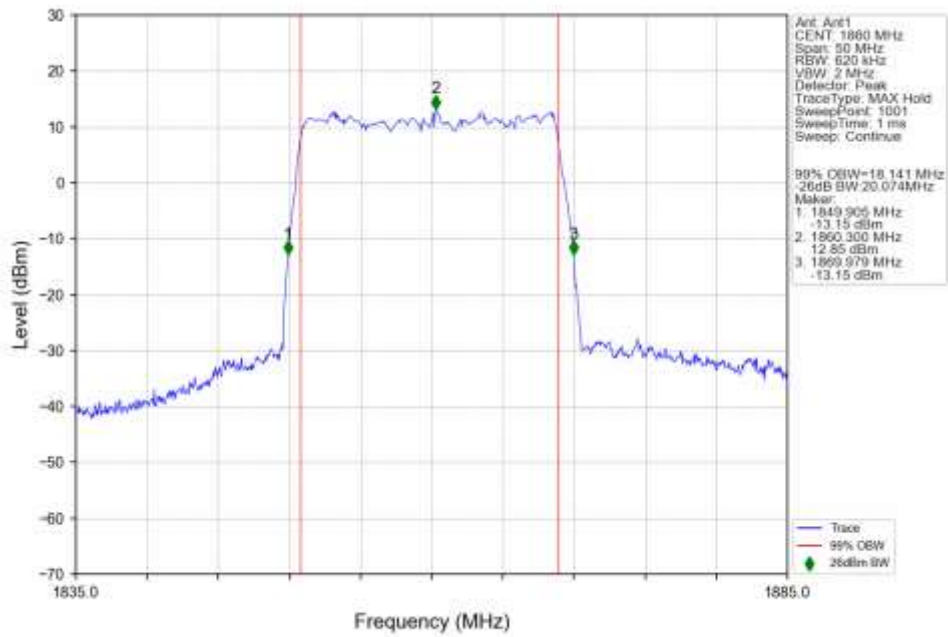
n2 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant1



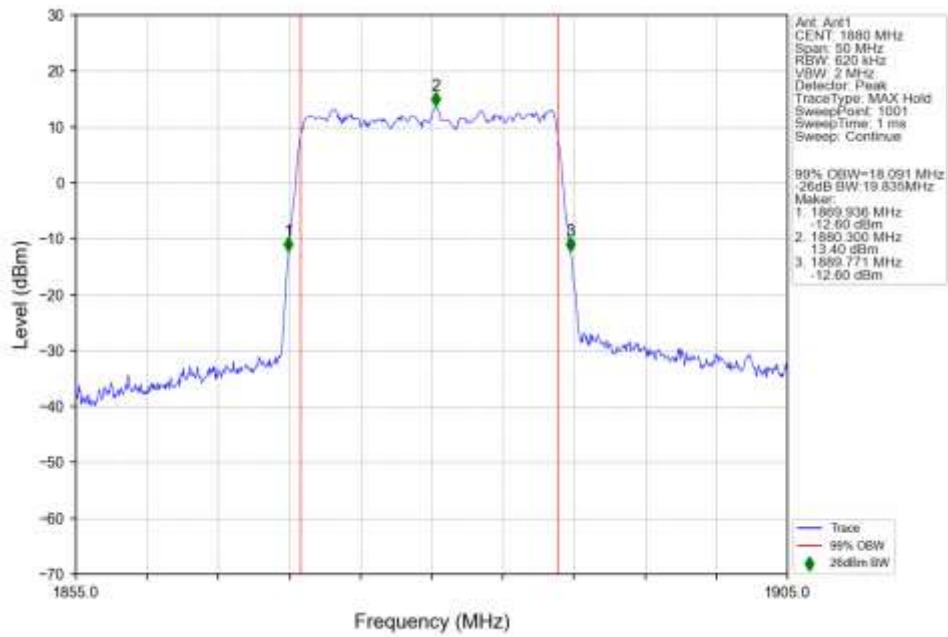
n2 30kHz SISO NTNv 20MHz DFT-s-OFDM 64 QAM 1900MHz Outer Full Ant1



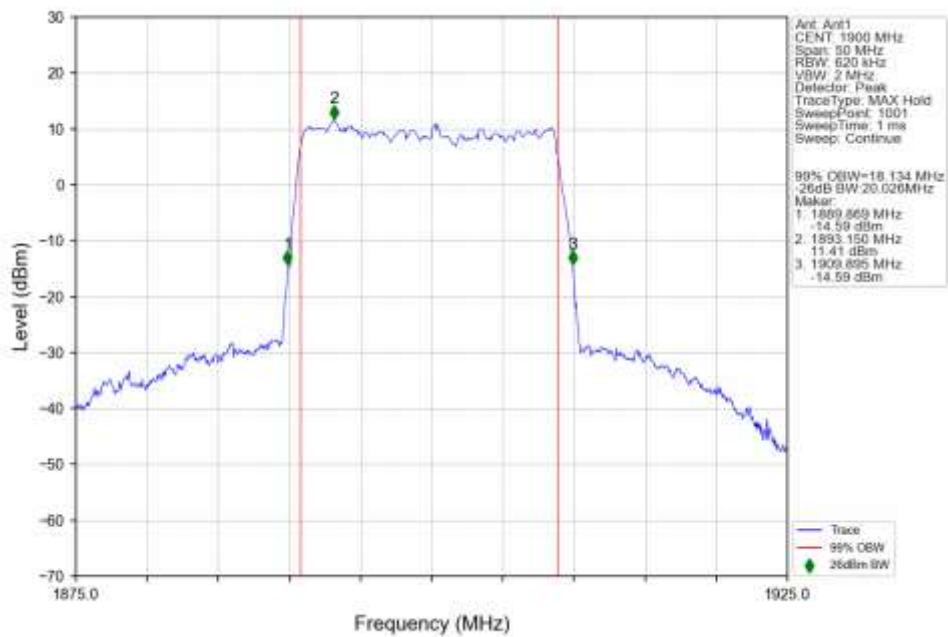
n2 30kHz SISO NTNv 20MHz DFT-s-OFDM 256 QAM 1860MHz Outer Full Ant1



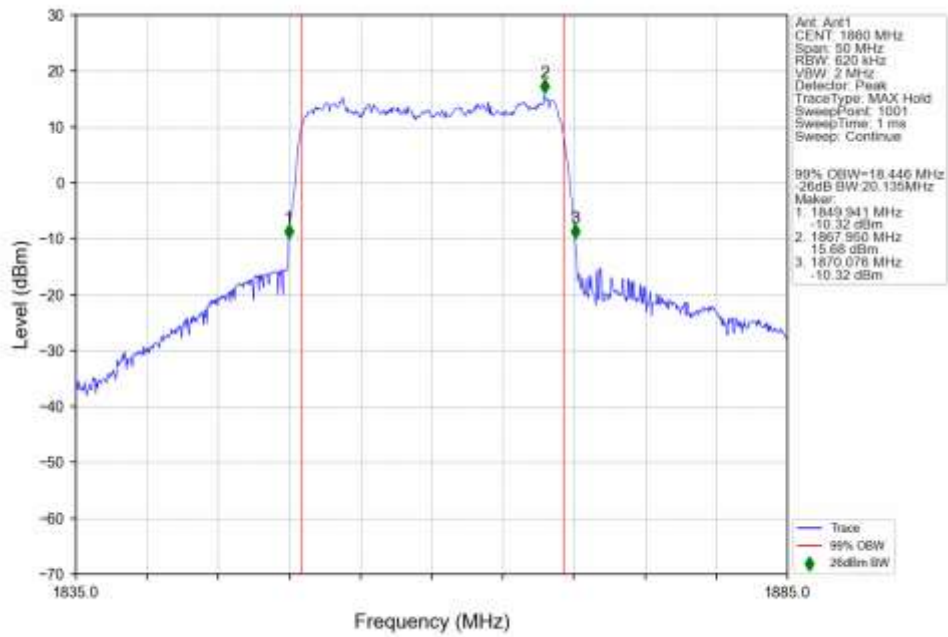
n2 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 1880MHz Outer Full Ant1



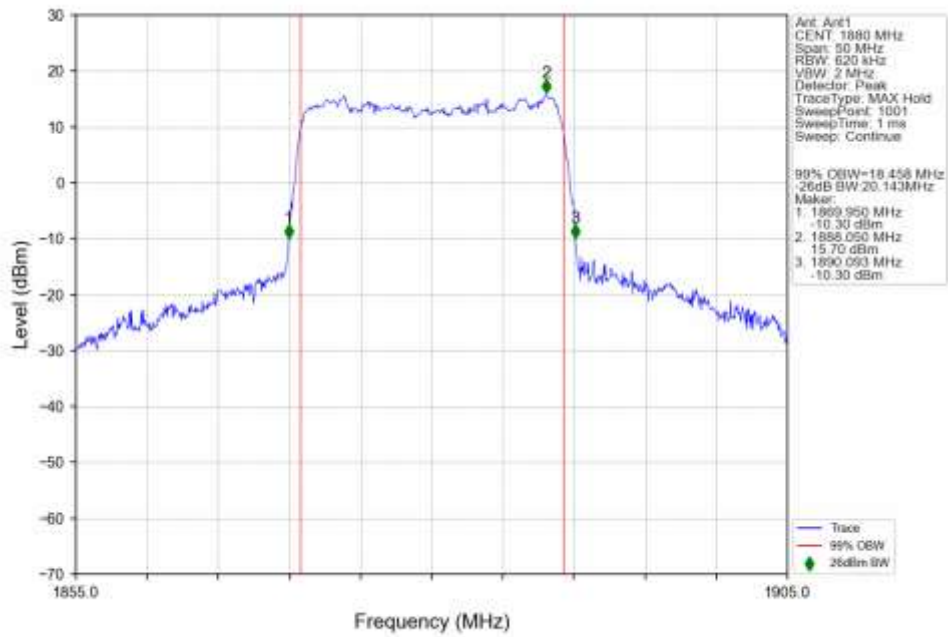
n2 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 1900MHz Outer Full Ant1



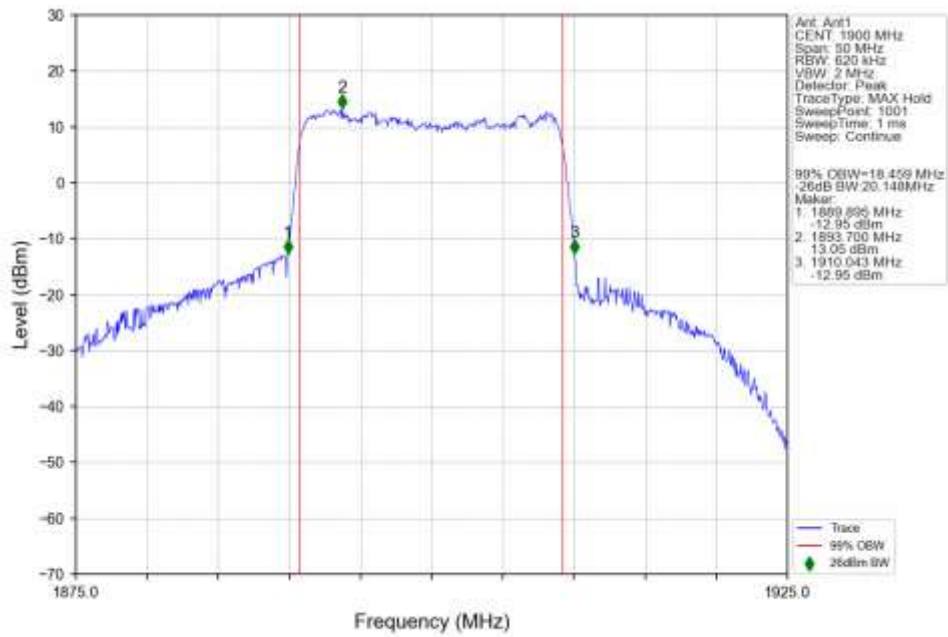
n2 30kHz SISO NTN 20MHz CP-OFDM QPSK 1860MHz Outer Full Ant1



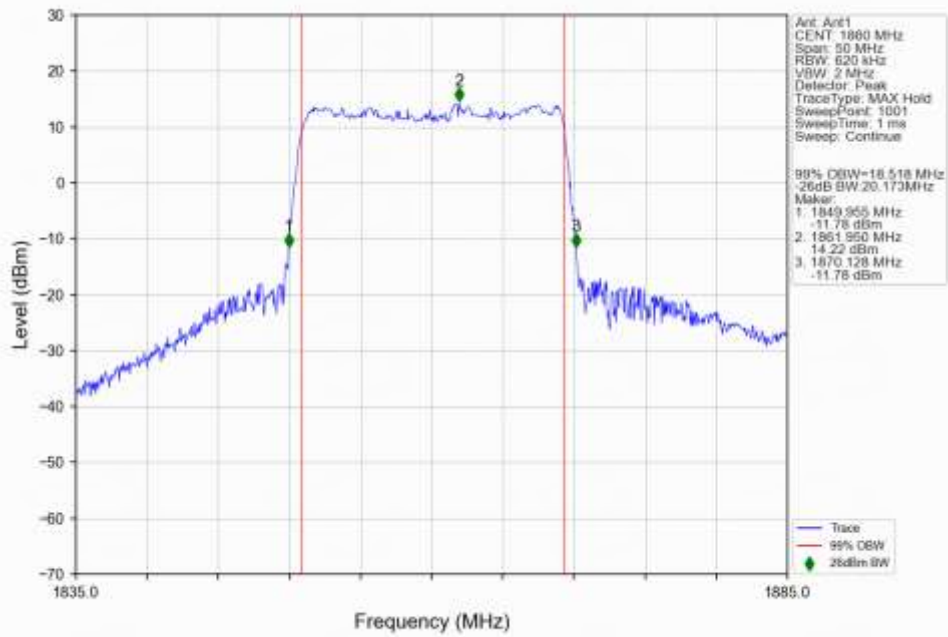
n2 30kHz SISO NTN 20MHz CP-OFDM QPSK 1880MHz Outer Full Ant1



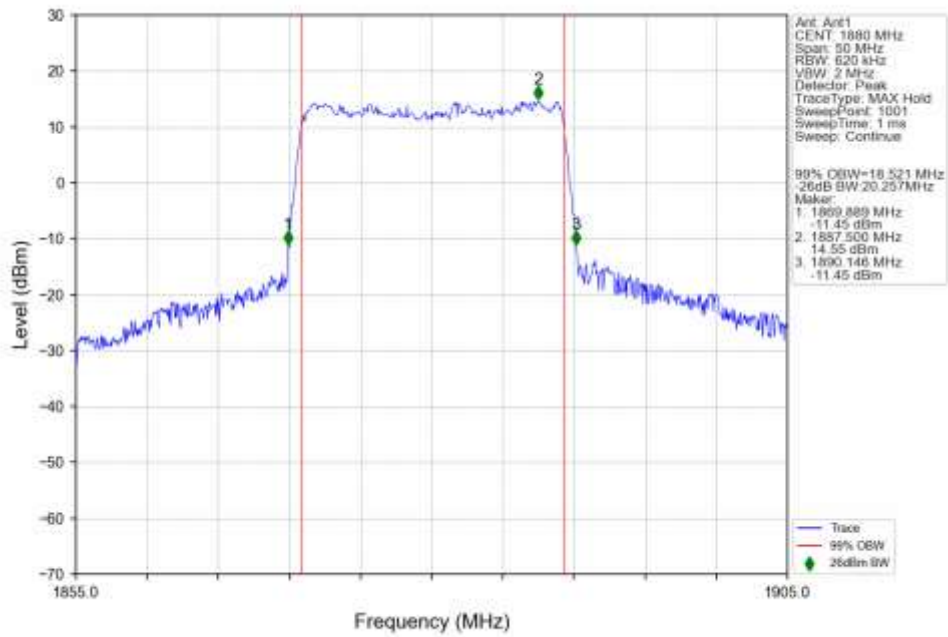
n2 30kHz SISO NTN 20MHz CP-OFDM QPSK 1900MHz Outer Full Ant1



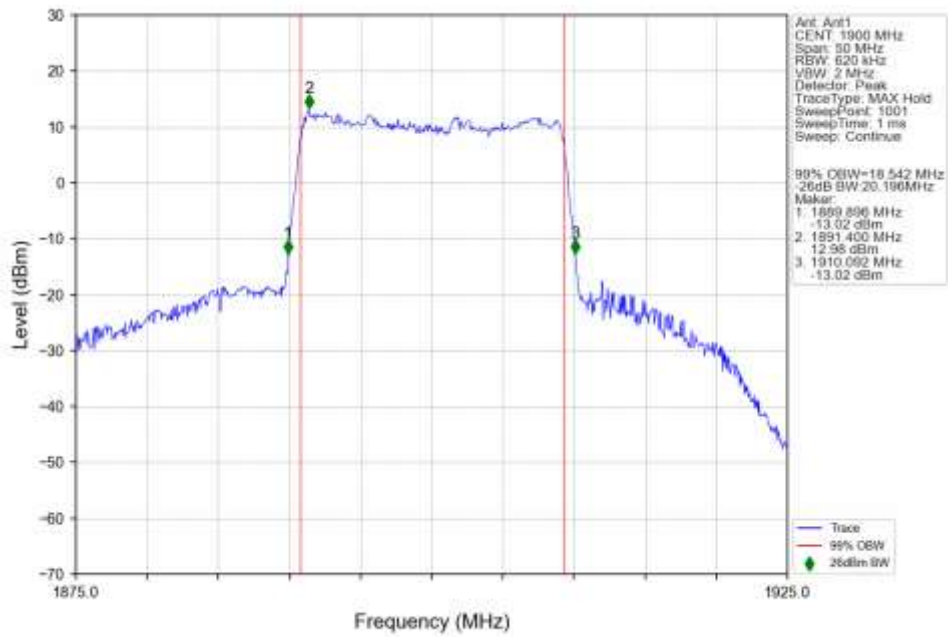
n2 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 1860MHz Outer Full Ant1



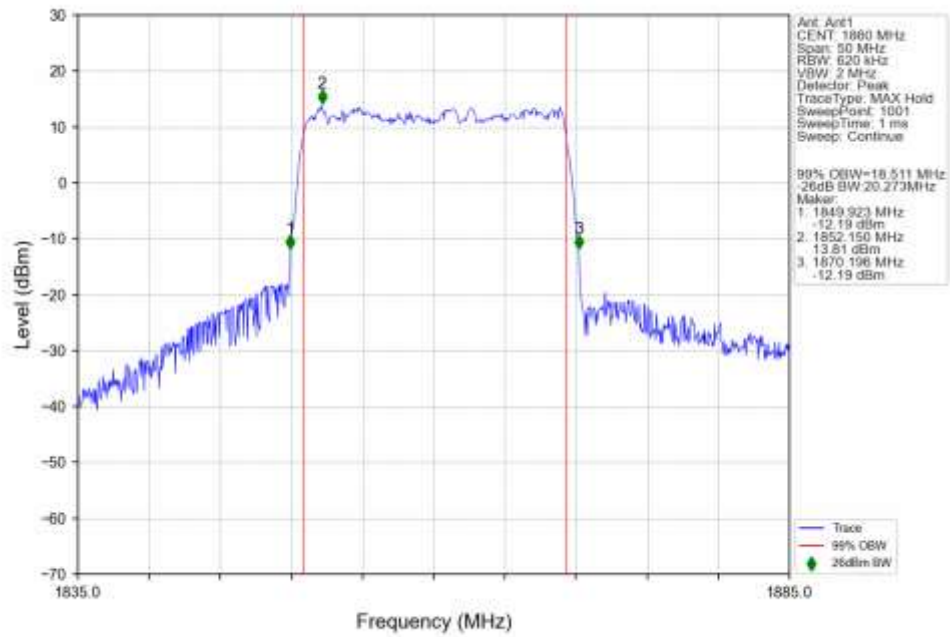
n2 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 1880MHz Outer Full Ant1



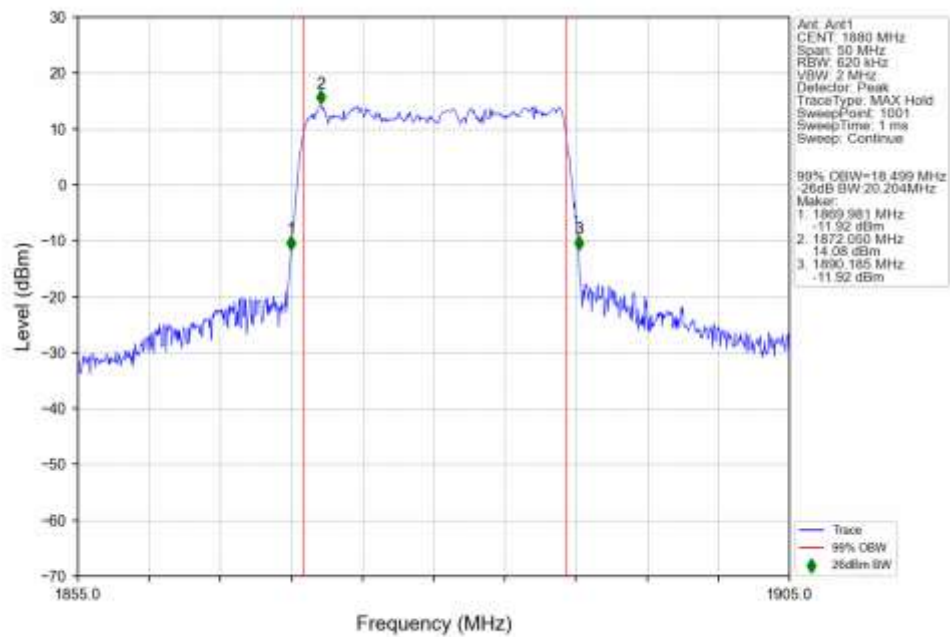
n2 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 1900MHz Outer Full Ant1



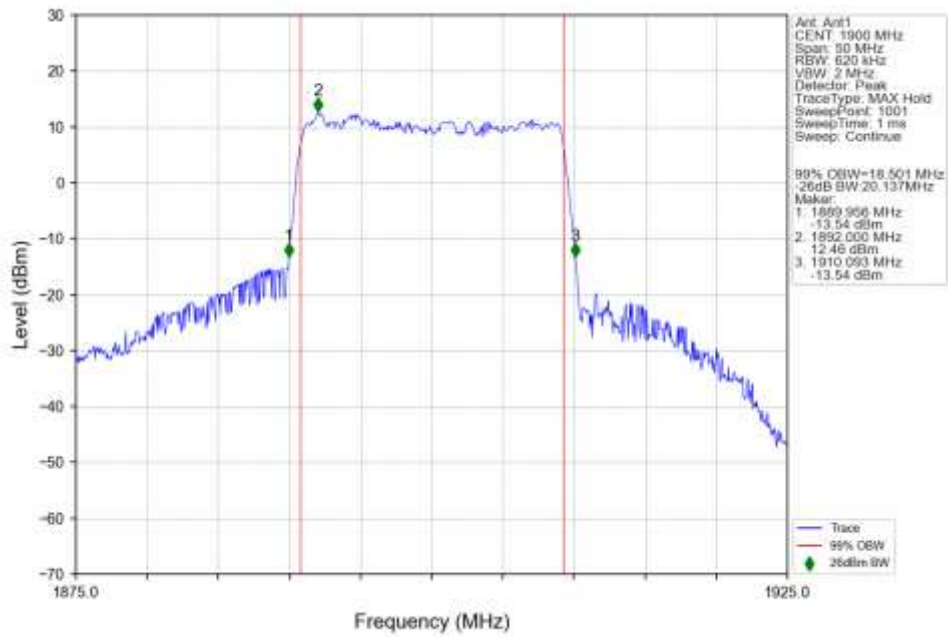
n2 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 1860MHz Outer Full Ant1



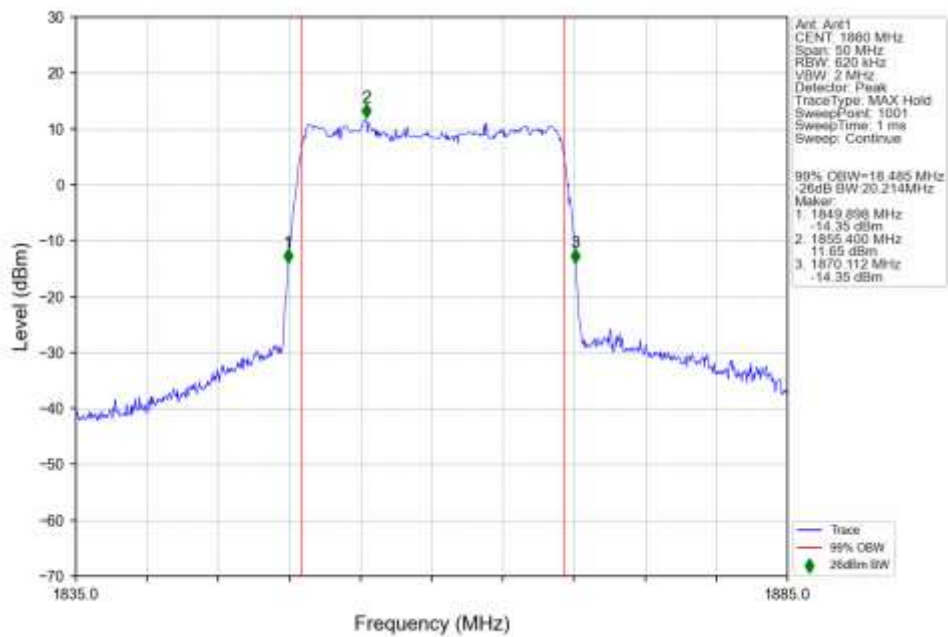
n2 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 1880MHz Outer Full Ant1



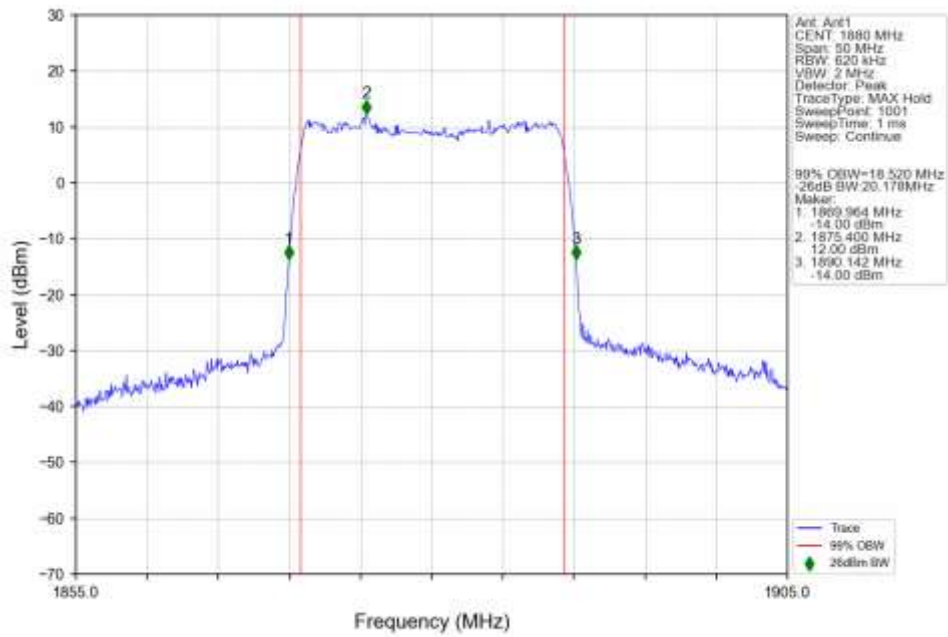
n2 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 1900MHz Outer Full Ant1



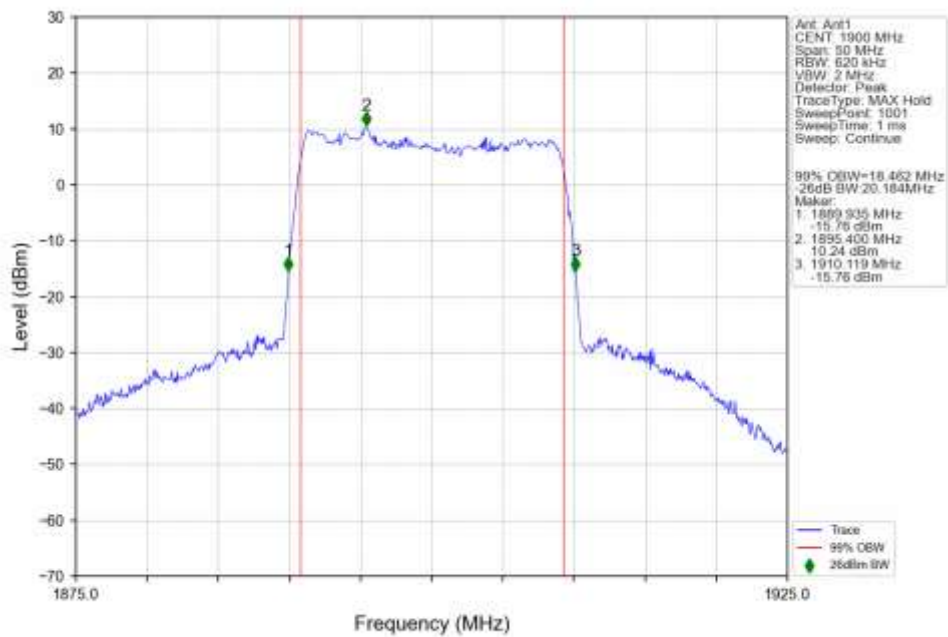
n2 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 1860MHz Outer Full Ant1



n2 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 1880MHz Outer Full Ant1



n2 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 1900MHz Outer Full Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n2 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1852.5	Outer Full	5.73	/	/	<=13	Pass
	1880	Outer Full	5.80	/	/	<=13	Pass
	1907.5	Outer Full	5.84	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer Full	6.33	/	/	<=13	Pass
	1880	Outer Full	6.42	/	/	<=13	Pass
	1907.5	Outer Full	6.52	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer Full	6.54	/	/	<=13	Pass
	1880	Outer Full	6.57	/	/	<=13	Pass
	1907.5	Outer Full	6.63	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer Full	6.92	/	/	<=13	Pass
	1880	Outer Full	6.97	/	/	<=13	Pass
	1907.5	Outer Full	7.04	/	/	<=13	Pass
CP-OFDM QPSK	1852.5	Outer Full	7.84	/	/	<=13	Pass
	1880	Outer Full	7.93	/	/	<=13	Pass
	1907.5	Outer Full	8.13	/	/	<=13	Pass
CP-OFDM 16 QAM	1852.5	Outer Full	7.99	/	/	<=13	Pass
	1880	Outer Full	8.13	/	/	<=13	Pass
	1907.5	Outer Full	8.30	/	/	<=13	Pass
CP-OFDM 64 QAM	1852.5	Outer Full	8.28	/	/	<=13	Pass
	1880	Outer Full	8.39	/	/	<=13	Pass
	1907.5	Outer Full	8.56	/	/	<=13	Pass
CP-OFDM 256 QAM	1852.5	Outer Full	8.61	/	/	<=13	Pass
	1880	Outer Full	8.57	/	/	<=13	Pass
	1907.5	Outer Full	8.71	/	/	<=13	Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n2 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Outer Full	5.61	/	/	<=13	Pass
	1880	Outer Full	5.65	/	/	<=13	Pass
	1905	Outer Full	5.78	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer Full	6.46	/	/	<=13	Pass
	1880	Outer Full	6.49	/	/	<=13	Pass
	1905	Outer Full	6.67	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer Full	6.60	/	/	<=13	Pass
	1880	Outer Full	6.65	/	/	<=13	Pass
	1905	Outer Full	6.73	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1855	Outer Full	6.69	/	/	<=13	Pass
	1880	Outer Full	6.68	/	/	<=13	Pass
	1905	Outer Full	6.79	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer Full	8.01	/	/	<=13	Pass
	1880	Outer Full	8.04	/	/	<=13	Pass
	1905	Outer Full	8.35	/	/	<=13	Pass

CP-OFDM 16 QAM	1855	Outer Full	8.31	/	/	<=13	Pass
	1880	Outer Full	8.41	/	/	<=13	Pass
	1905	Outer Full	8.71	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer Full	8.30	/	/	<=13	Pass
	1880	Outer Full	8.35	/	/	<=13	Pass
	1905	Outer Full	8.61	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer Full	8.57	/	/	<=13	Pass
	1880	Outer Full	8.59	/	/	<=13	Pass
	1905	Outer Full	8.73	/	/	<=13	Pass

5.1.3 15k_SISO_15MHz_NTNV

5G NR n2 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Outer Full	5.84	/	/	<=13	Pass
	1880	Outer Full	5.69	/	/	<=13	Pass
	1902.5	Outer Full	5.82	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer Full	6.53	/	/	<=13	Pass
	1880	Outer Full	6.44	/	/	<=13	Pass
	1902.5	Outer Full	6.53	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer Full	6.72	/	/	<=13	Pass
	1880	Outer Full	6.62	/	/	<=13	Pass
	1902.5	Outer Full	6.74	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer Full	6.75	/	/	<=13	Pass
	1880	Outer Full	6.75	/	/	<=13	Pass
	1902.5	Outer Full	6.80	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer Full	8.09	/	/	<=13	Pass
	1880	Outer Full	7.86	/	/	<=13	Pass
	1902.5	Outer Full	8.11	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer Full	8.31	/	/	<=13	Pass
	1880	Outer Full	8.17	/	/	<=13	Pass
	1902.5	Outer Full	8.39	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer Full	8.26	/	/	<=13	Pass
	1880	Outer Full	8.16	/	/	<=13	Pass
	1902.5	Outer Full	8.31	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer Full	8.66	/	/	<=13	Pass
	1880	Outer Full	8.63	/	/	<=13	Pass
	1902.5	Outer Full	8.73	/	/	<=13	Pass

5.1.4 15k_SISO_20MHz_NTNV

5G NR n2 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Outer Full	5.80	/	/	<=13	Pass
	1880	Outer Full	5.69	/	/	<=13	Pass
	1900	Outer Full	5.76	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer Full	6.53	/	/	<=13	Pass
	1880	Outer Full	6.44	/	/	<=13	Pass
	1900	Outer Full	6.45	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer Full	6.78	/	/	<=13	Pass
	1880	Outer Full	6.67	/	/	<=13	Pass
	1900	Outer Full	6.70	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1860	Outer Full	6.76	/	/	<=13	Pass
	1880	Outer Full	6.74	/	/	<=13	Pass

CP-OFDM QPSK	1900	Outer Full	6.78	/	/	<=13	Pass
	1860	Outer Full	8.33	/	/	<=13	Pass
	1880	Outer Full	8.00	/	/	<=13	Pass
	1900	Outer Full	8.02	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer Full	8.42	/	/	<=13	Pass
	1880	Outer Full	8.17	/	/	<=13	Pass
	1900	Outer Full	8.23	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer Full	8.62	/	/	<=13	Pass
	1880	Outer Full	8.38	/	/	<=13	Pass
	1900	Outer Full	8.44	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer Full	8.65	/	/	<=13	Pass
	1880	Outer Full	8.61	/	/	<=13	Pass
	1900	Outer Full	8.64	/	/	<=13	Pass

5.1.5 30k_SISO_10MHz_NTNV

5G NR n2 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Outer Full	5.69	/	/	<=13	Pass
	1880	Outer Full	5.73	/	/	<=13	Pass
	1905	Outer Full	5.91	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer Full	6.51	/	/	<=13	Pass
	1880	Outer Full	6.57	/	/	<=13	Pass
	1905	Outer Full	6.66	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer Full	6.66	/	/	<=13	Pass
	1880	Outer Full	6.73	/	/	<=13	Pass
	1905	Outer Full	6.85	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1855	Outer Full	6.95	/	/	<=13	Pass
	1880	Outer Full	6.97	/	/	<=13	Pass
	1905	Outer Full	7.06	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer Full	8.03	/	/	<=13	Pass
	1880	Outer Full	8.17	/	/	<=13	Pass
	1905	Outer Full	8.48	/	/	<=13	Pass
CP-OFDM 16 QAM	1855	Outer Full	8.05	/	/	<=13	Pass
	1880	Outer Full	8.14	/	/	<=13	Pass
	1905	Outer Full	8.40	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer Full	8.15	/	/	<=13	Pass
	1880	Outer Full	8.29	/	/	<=13	Pass
	1905	Outer Full	8.50	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer Full	8.51	/	/	<=13	Pass
	1880	Outer Full	8.54	/	/	<=13	Pass
	1905	Outer Full	8.66	/	/	<=13	Pass

5.1.6 30k_SISO_15MHz_NTNV

5G NR n2 SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1857.5	Outer Full	5.96	/	/	<=13	Pass
	1880	Outer Full	5.86	/	/	<=13	Pass
	1902.5	Outer Full	6.01	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer Full	6.56	/	/	<=13	Pass
	1880	Outer Full	6.48	/	/	<=13	Pass
	1902.5	Outer Full	6.55	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer Full	6.79	/	/	<=13	Pass

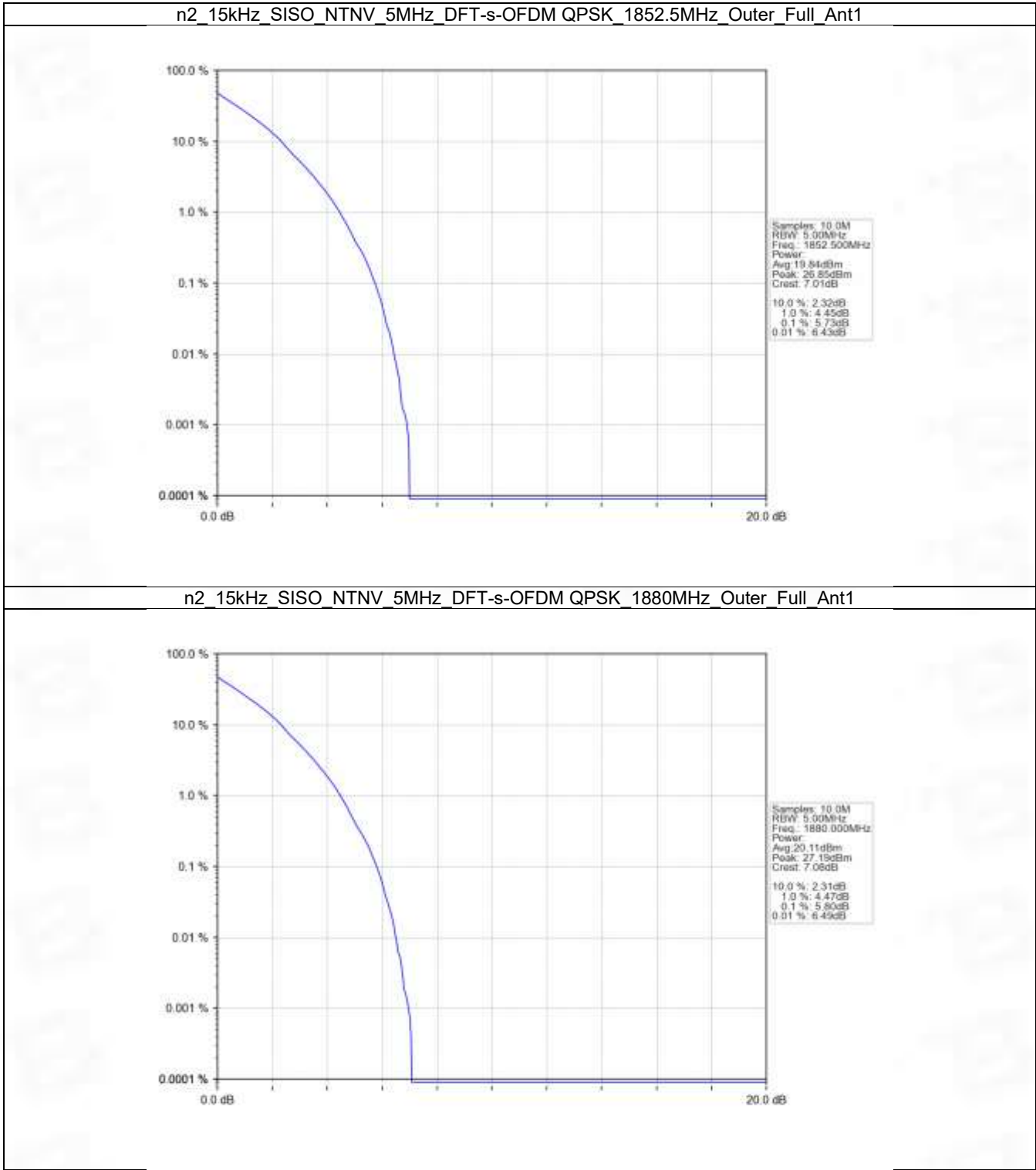
DFT-s-OFDM 256 QAM	1880	Outer Full	6.68	/	/	<=13	Pass
	1902.5	Outer Full	6.79	/	/	<=13	Pass
	1857.5	Outer Full	6.75	/	/	<=13	Pass
	1880	Outer Full	6.70	/	/	<=13	Pass
	1902.5	Outer Full	6.80	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer Full	8.05	/	/	<=13	Pass
	1880	Outer Full	7.98	/	/	<=13	Pass
	1902.5	Outer Full	8.10	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer Full	8.26	/	/	<=13	Pass
	1880	Outer Full	8.23	/	/	<=13	Pass
	1902.5	Outer Full	8.36	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer Full	8.35	/	/	<=13	Pass
	1880	Outer Full	8.31	/	/	<=13	Pass
	1902.5	Outer Full	8.42	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer Full	8.78	/	/	<=13	Pass
	1880	Outer Full	8.71	/	/	<=13	Pass
	1902.5	Outer Full	8.83	/	/	<=13	Pass

5.1.7 30k_SISO_20MHz_NTNV

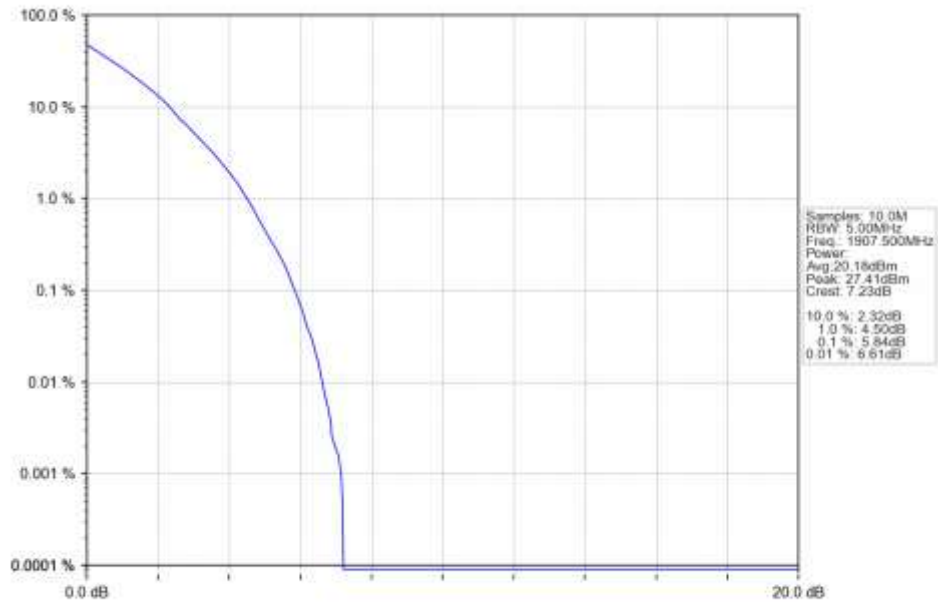
5G NR n2 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Outer Full	5.81	/	/	<=13	Pass
	1880	Outer Full	5.76	/	/	<=13	Pass
	1900	Outer Full	5.75	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer Full	6.64	/	/	<=13	Pass
	1880	Outer Full	6.59	/	/	<=13	Pass
	1900	Outer Full	6.59	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer Full	6.76	/	/	<=13	Pass
	1880	Outer Full	6.69	/	/	<=13	Pass
	1900	Outer Full	6.68	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1860	Outer Full	6.76	/	/	<=13	Pass
	1880	Outer Full	6.70	/	/	<=13	Pass
	1900	Outer Full	6.76	/	/	<=13	Pass
CP-OFDM QPSK	1860	Outer Full	8.33	/	/	<=13	Pass
	1880	Outer Full	8.47	/	/	<=13	Pass
	1900	Outer Full	8.14	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer Full	8.44	/	/	<=13	Pass
	1880	Outer Full	8.50	/	/	<=13	Pass
	1900	Outer Full	8.20	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer Full	8.53	/	/	<=13	Pass
	1880	Outer Full	8.51	/	/	<=13	Pass
	1900	Outer Full	8.34	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer Full	8.94	/	/	<=13	Pass
	1880	Outer Full	8.91	/	/	<=13	Pass
	1900	Outer Full	8.92	/	/	<=13	Pass

5.2 Test Graph

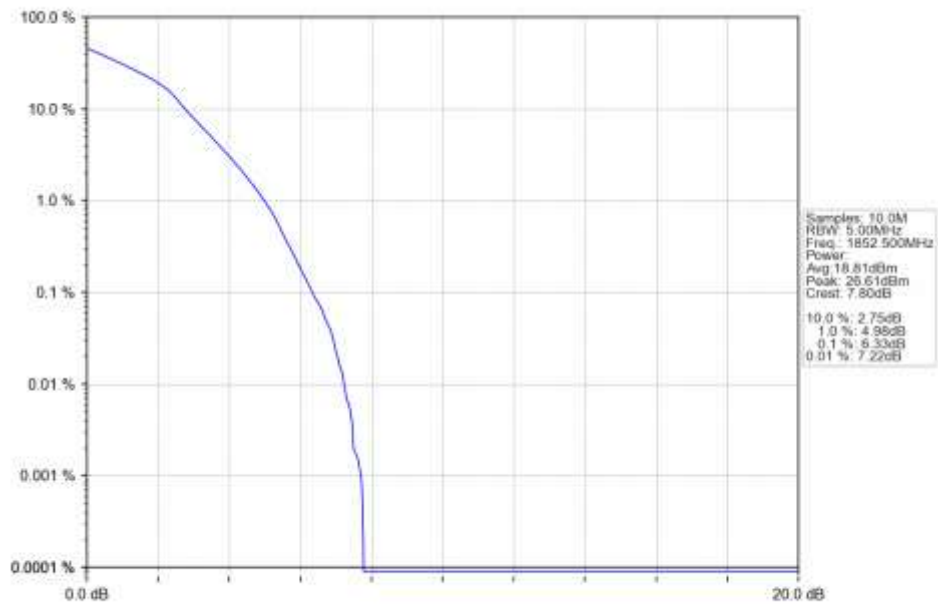
5.2.1 15k_SISO_5MHz_NTNV



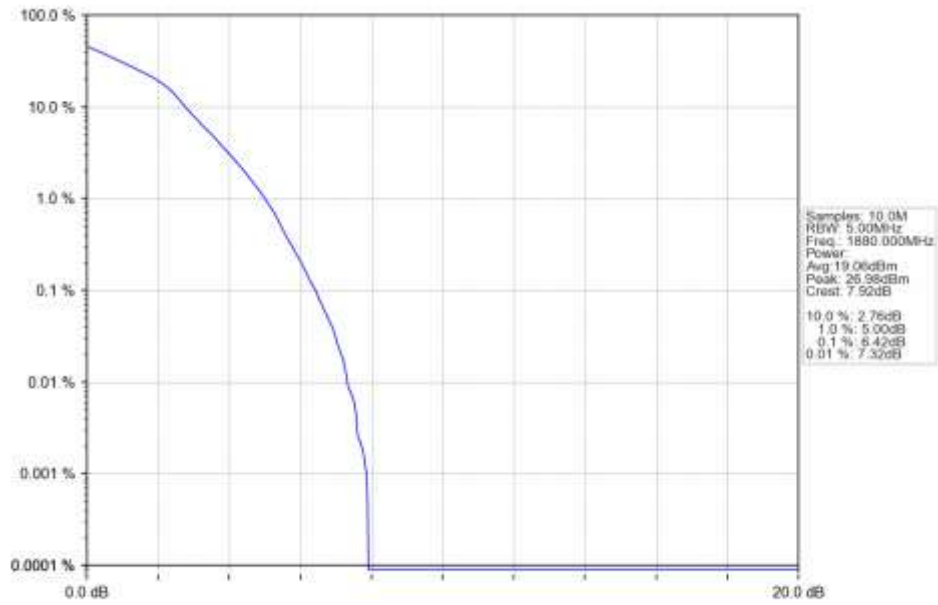
n2 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1907.5MHz Outer Full Ant1



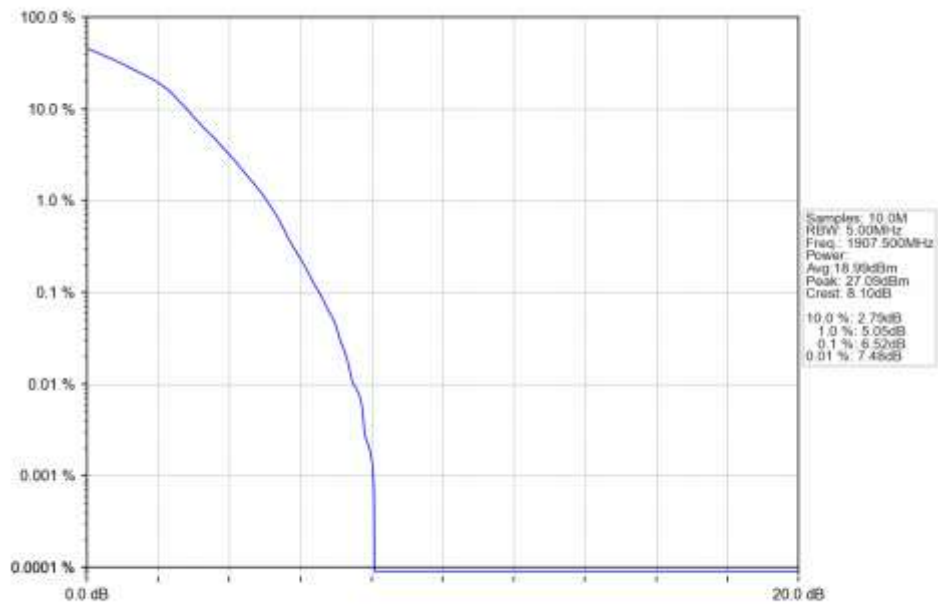
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1852.5MHz Outer Full Ant1



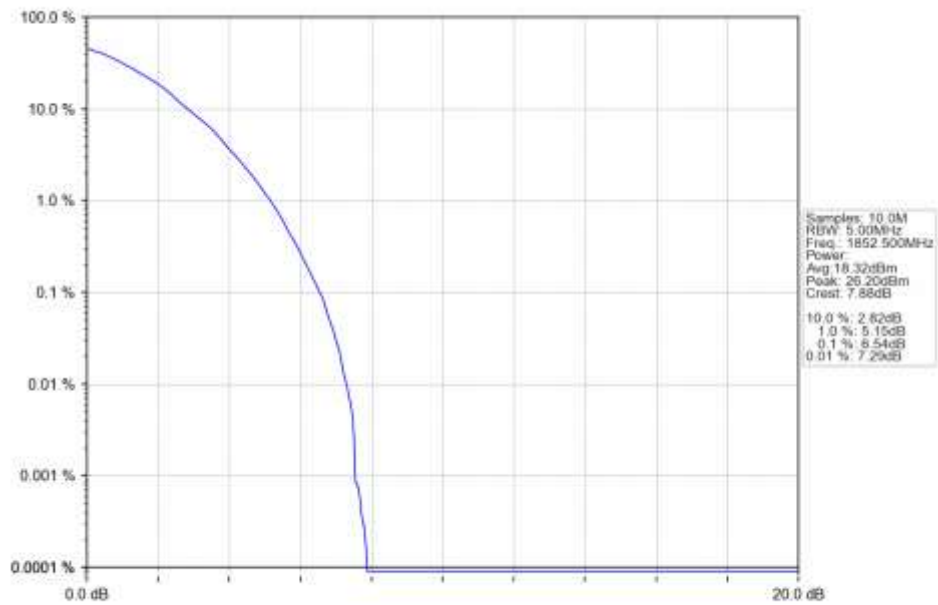
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1880MHz Outer Full Ant1



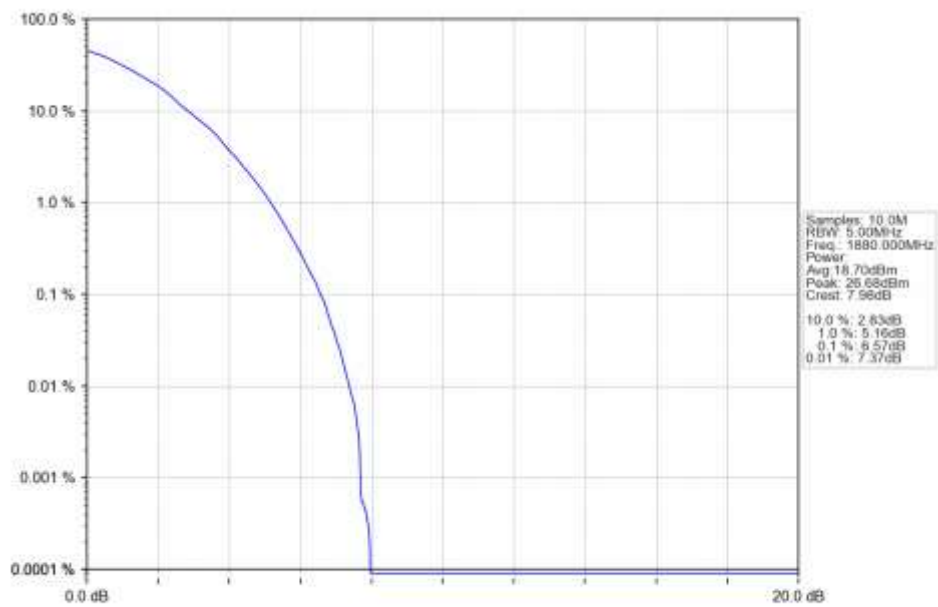
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1907.5MHz Outer Full Ant1



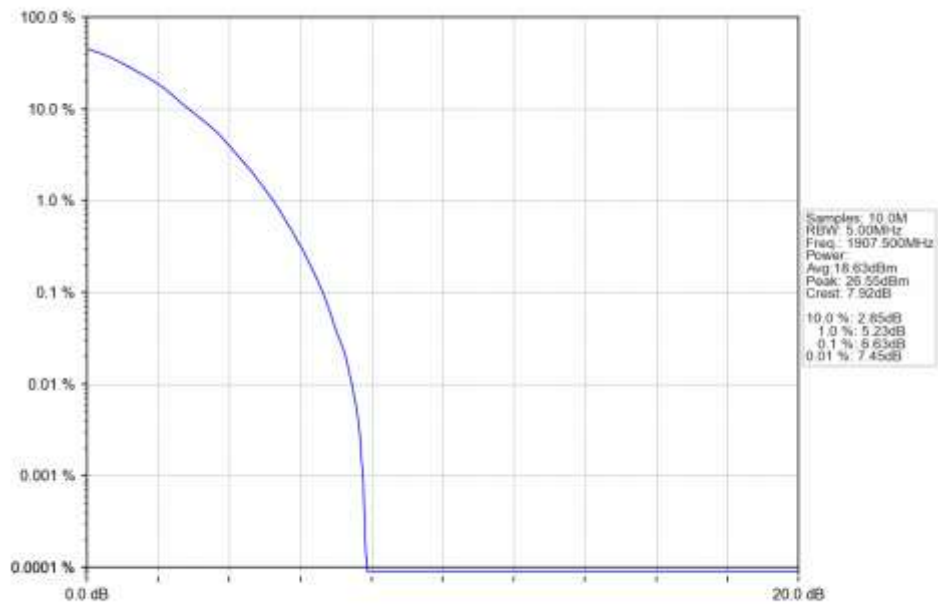
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1852.5MHz Outer Full Ant1



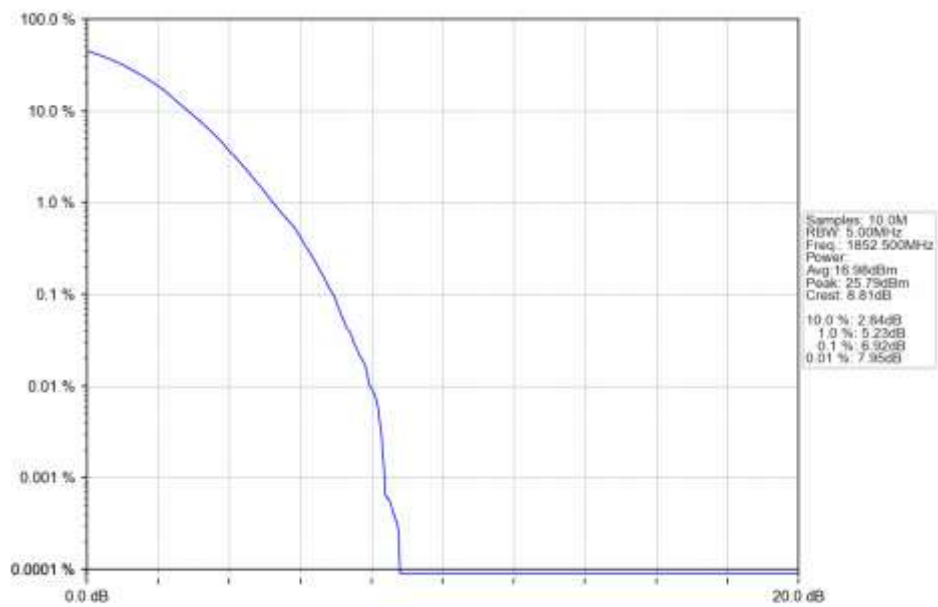
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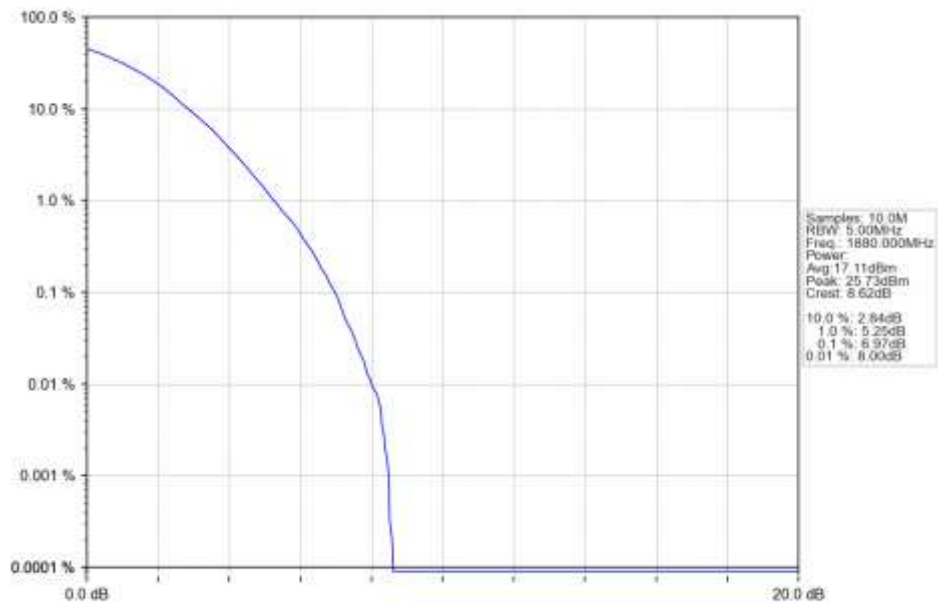
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1907.5MHz Outer Full Ant1



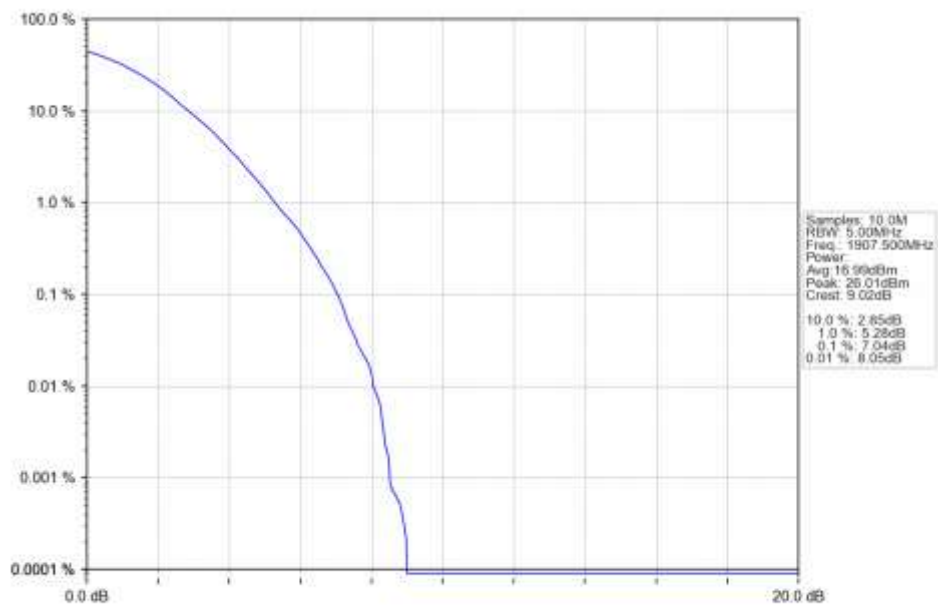
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1852.5MHz Outer Full Ant1



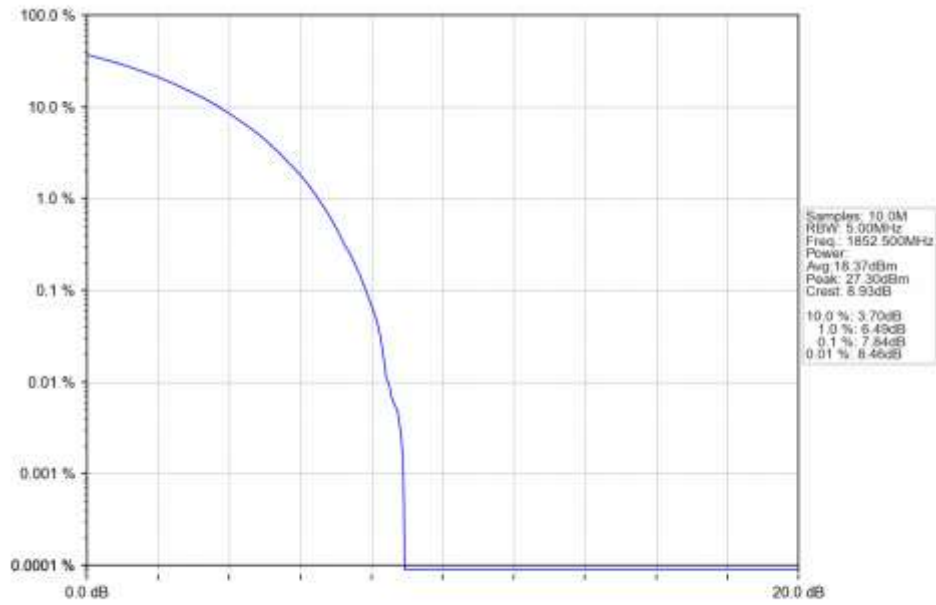
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1880MHz Outer Full Ant1



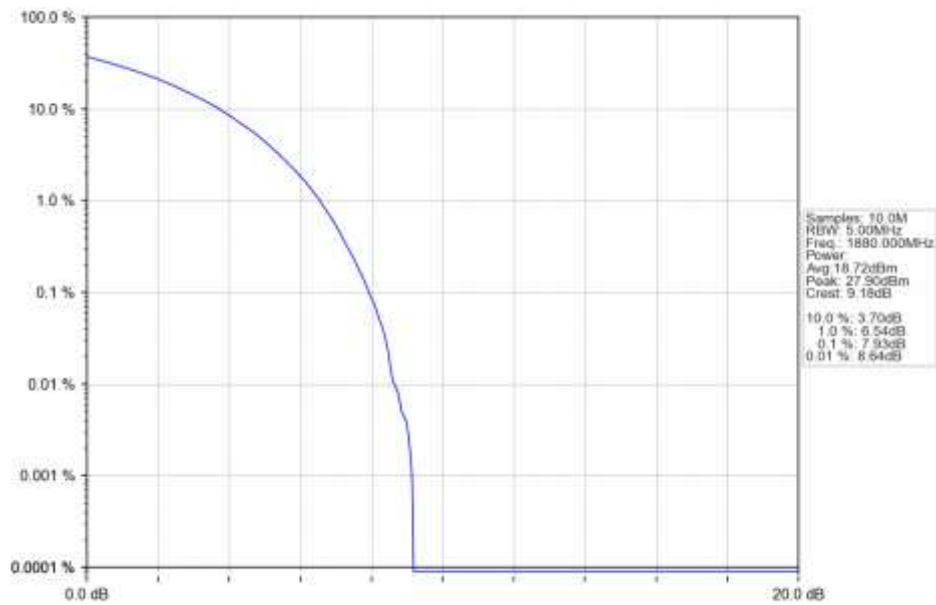
n2 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1907.5MHz Outer Full Ant1



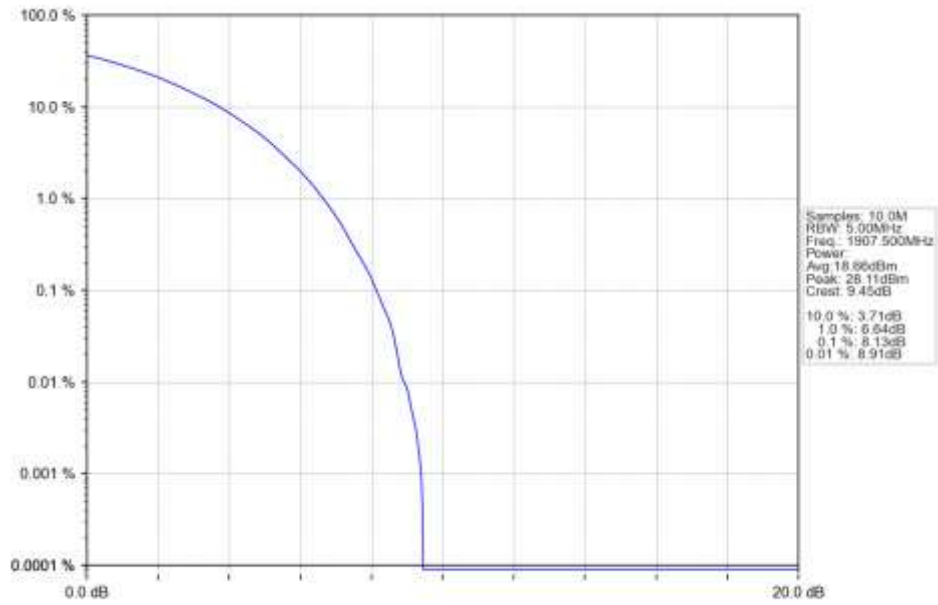
n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1852.5MHz Outer Full Ant1



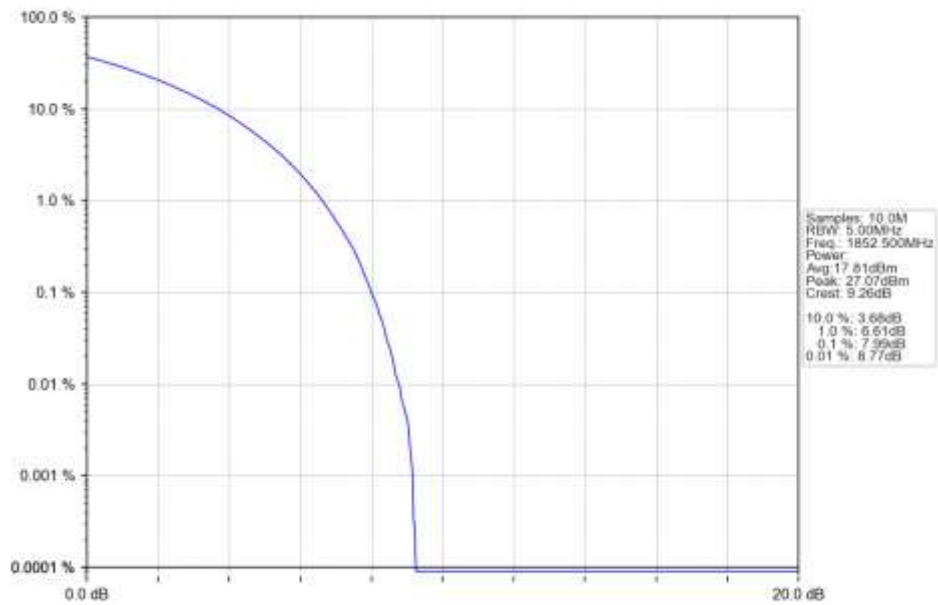
n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1880MHz Outer Full Ant1



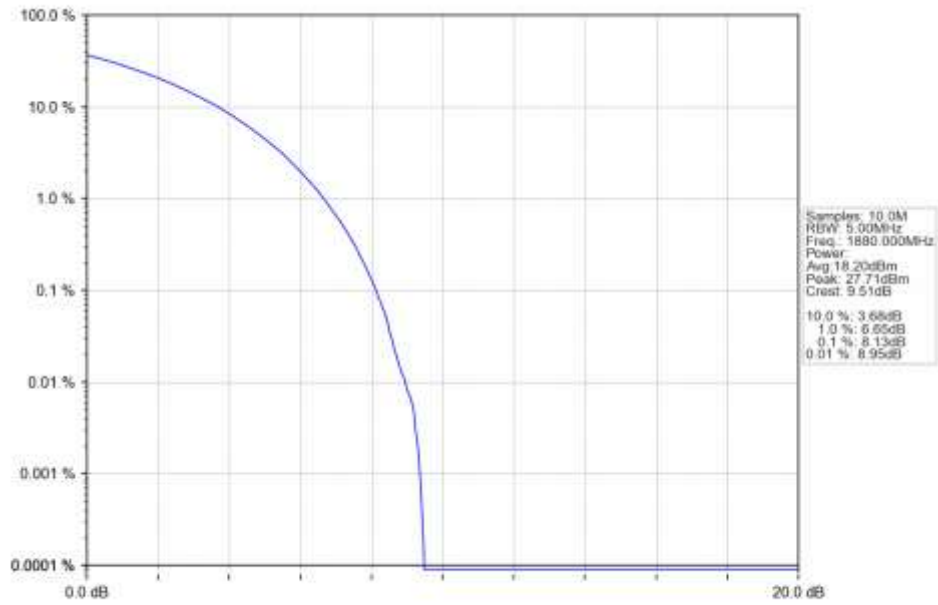
n2 15kHz SISO NTN 5MHz CP-OFDM QPSK 1907.5MHz Outer Full Ant1



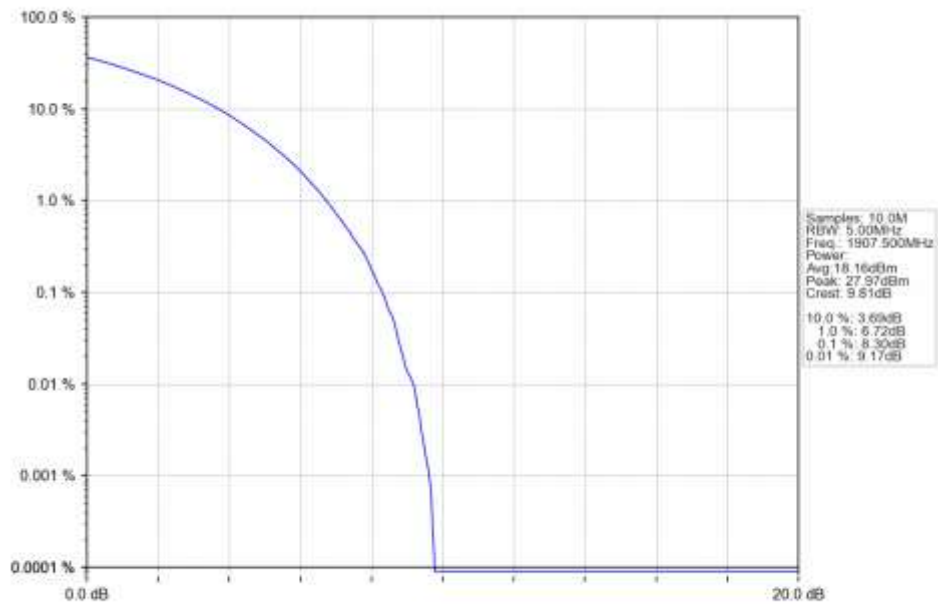
n2 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 1852.5MHz Outer Full Ant1



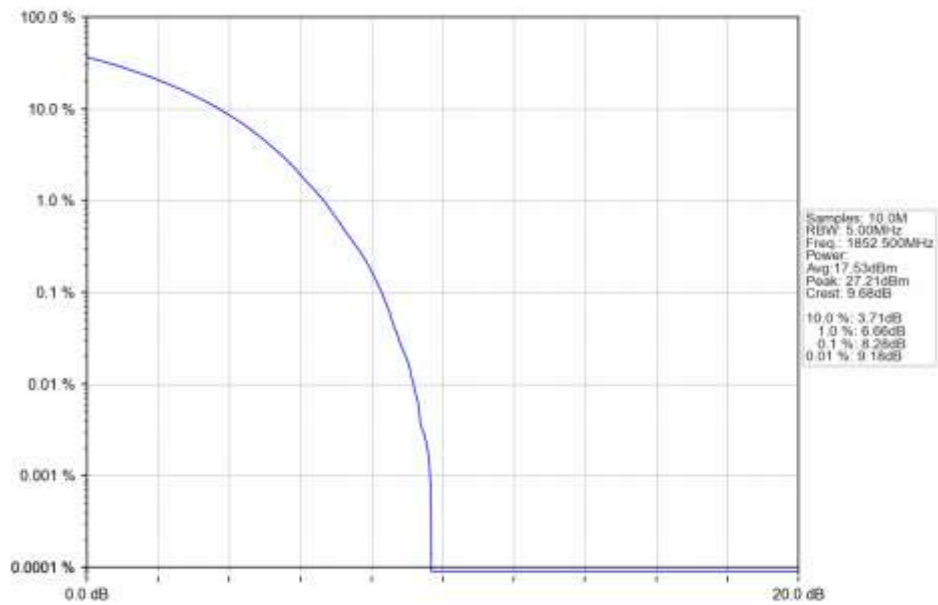
n2 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 1880MHz Outer Full Ant1



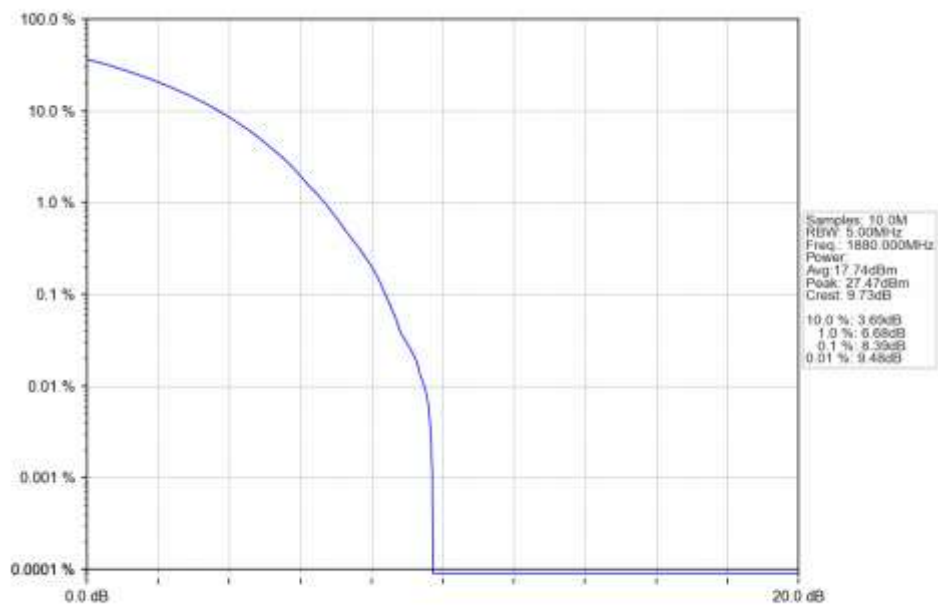
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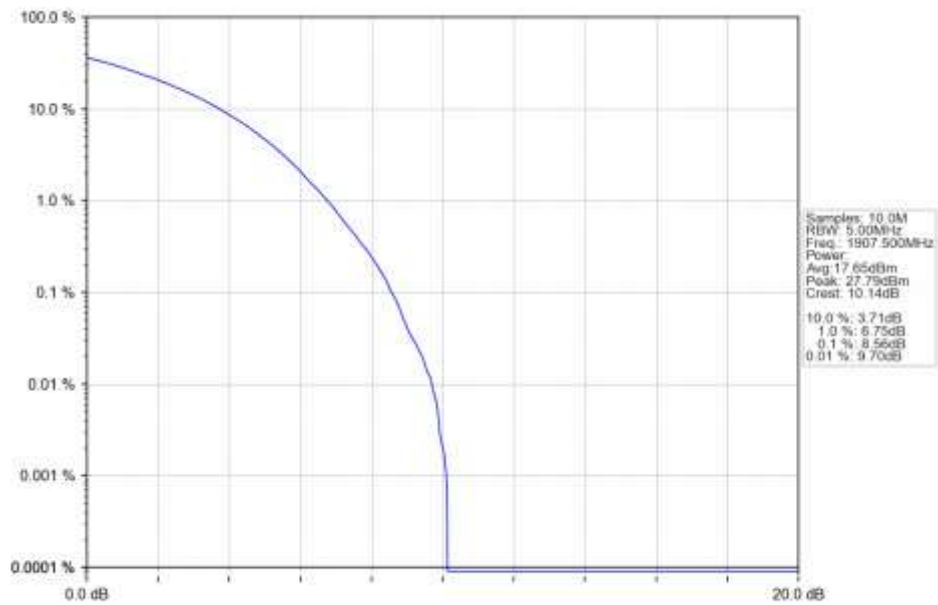
n2 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 1852.5MHz Outer Full Ant1



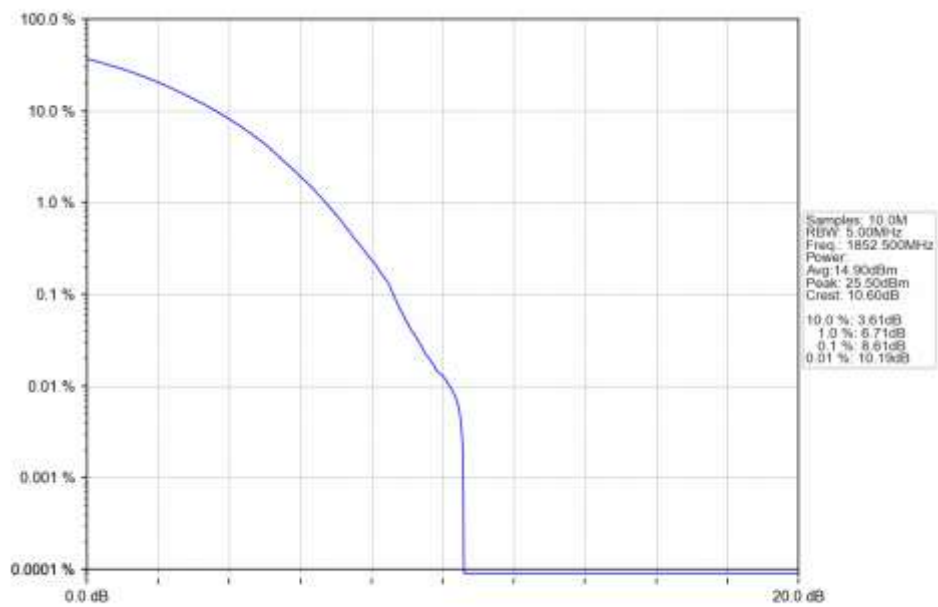
n2 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 1880MHz Outer Full Ant1



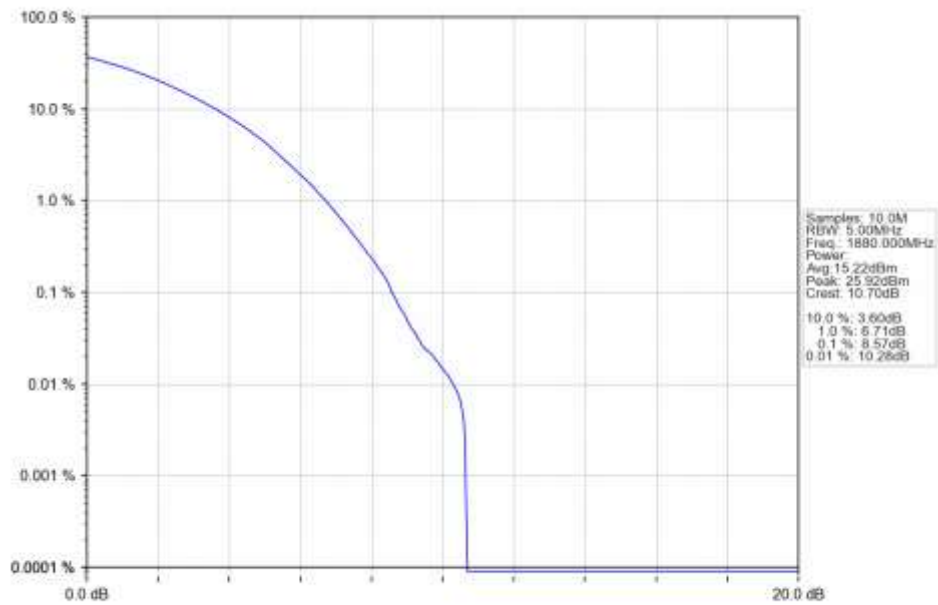
n2 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 1907.5MHz Outer Full Ant1



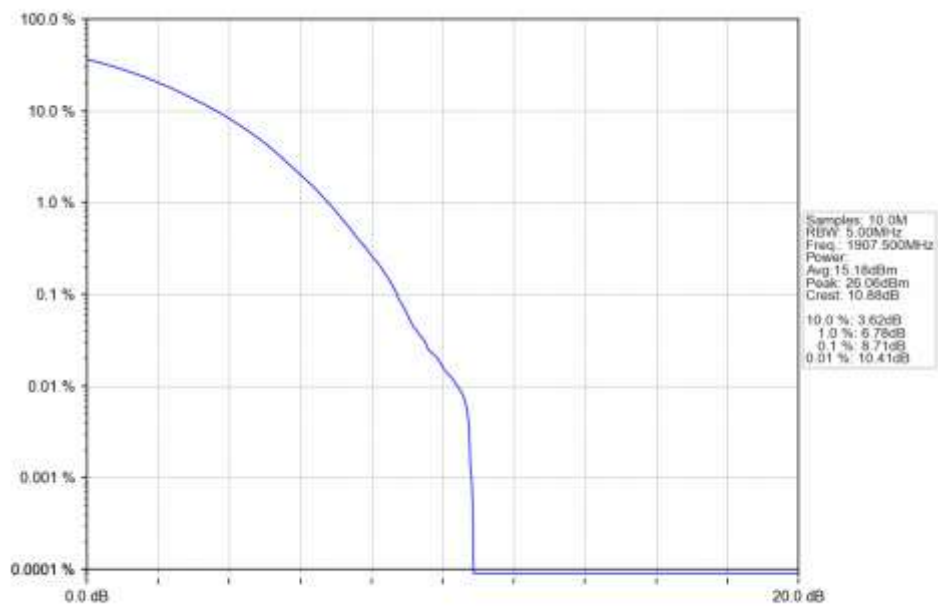
n2 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1852.5MHz Outer Full Ant1



n2 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1880MHz Outer Full Ant1

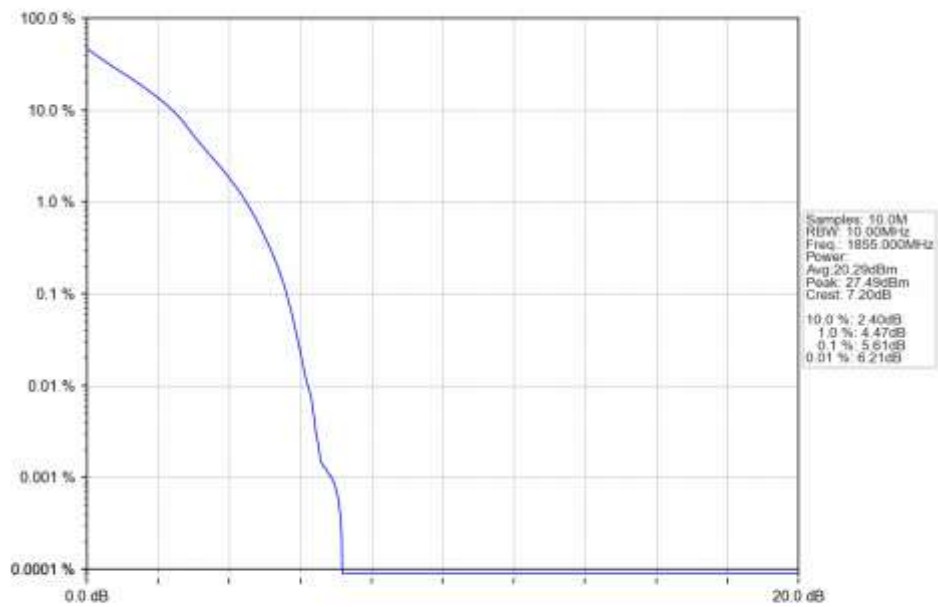


n2 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1907.5MHz Outer Full Ant1

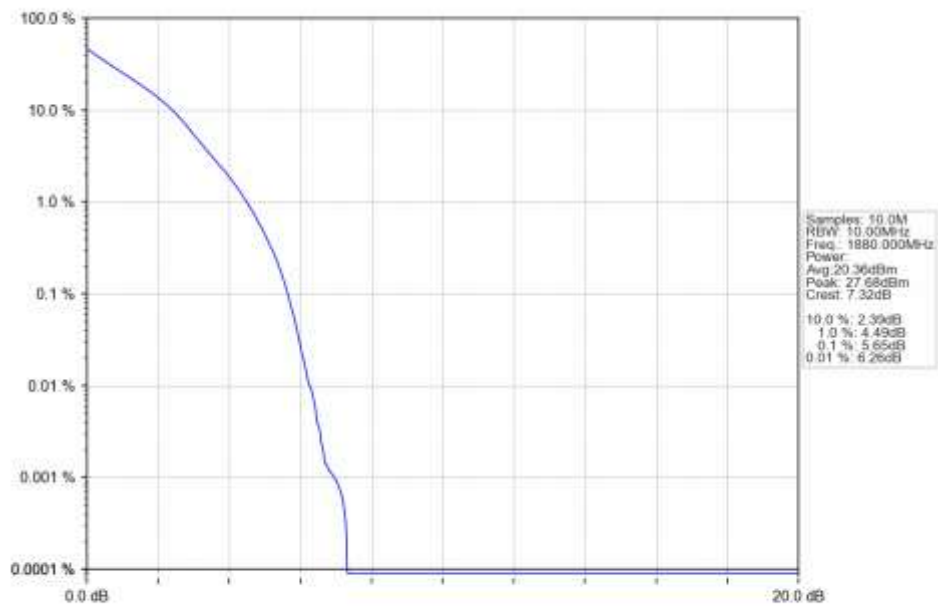


5.2.2 15k_SISO_10MHz_NTNV

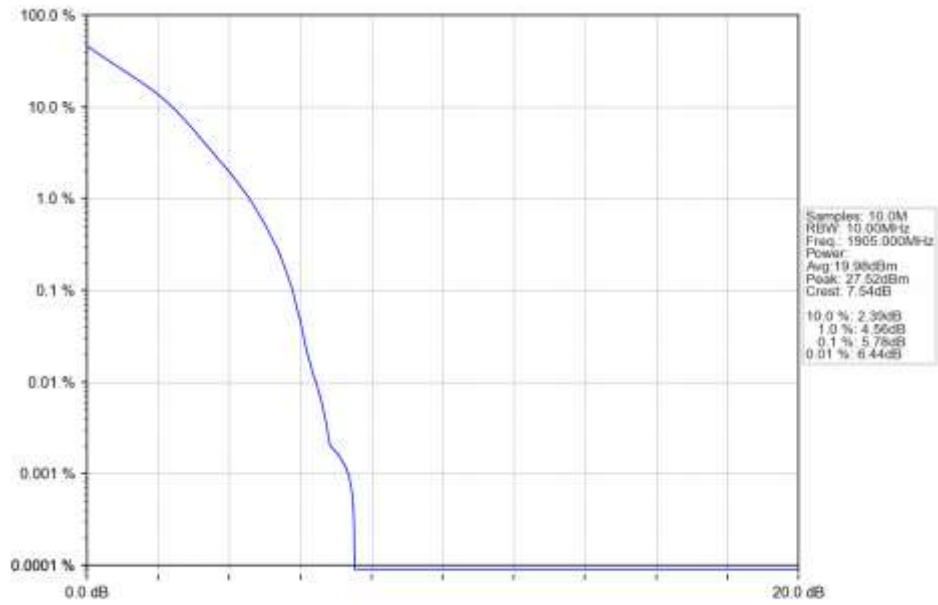
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1855MHz_Outer_Full_Ant1



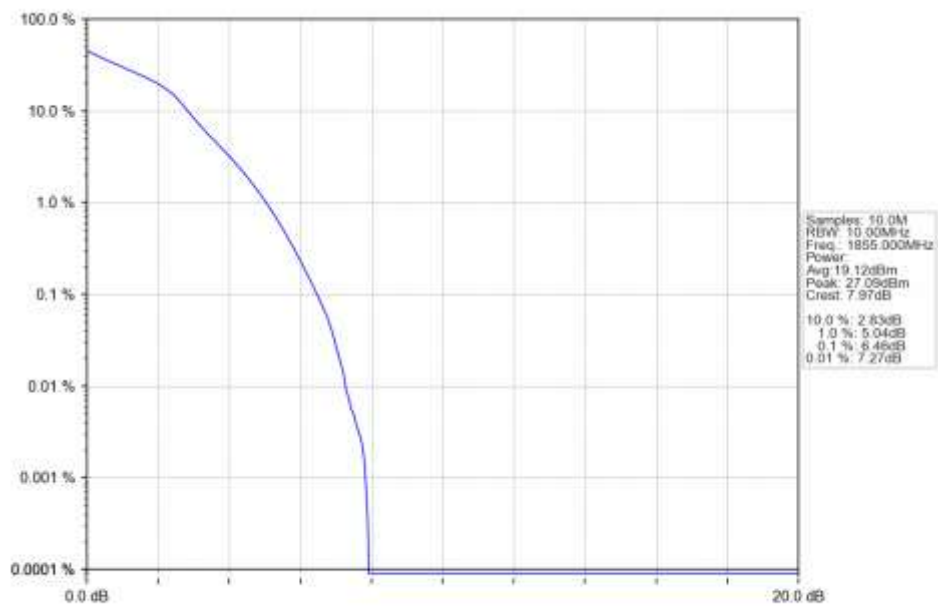
n2_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1880MHz_Outer_Full_Ant1



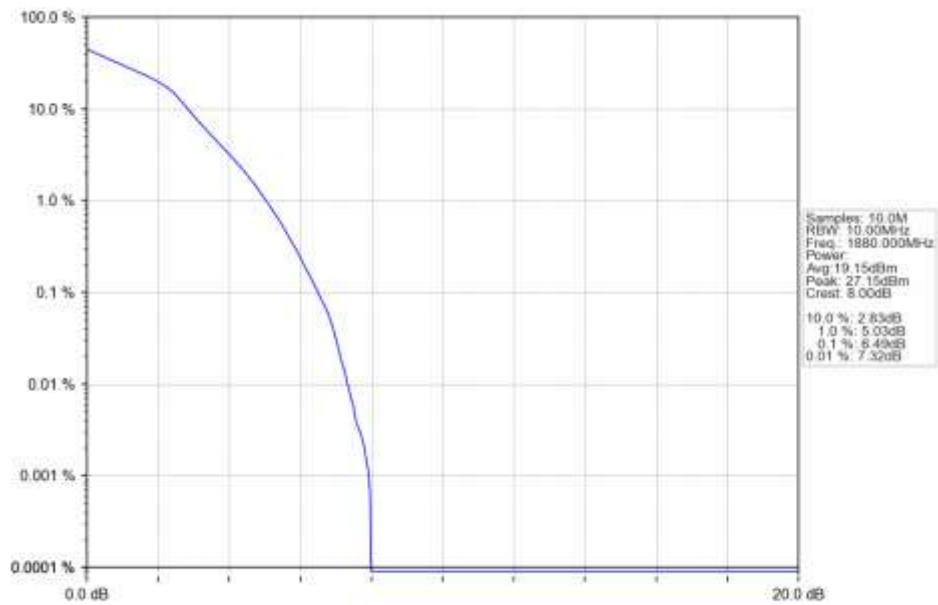
n2 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1905MHz Outer Full Ant1



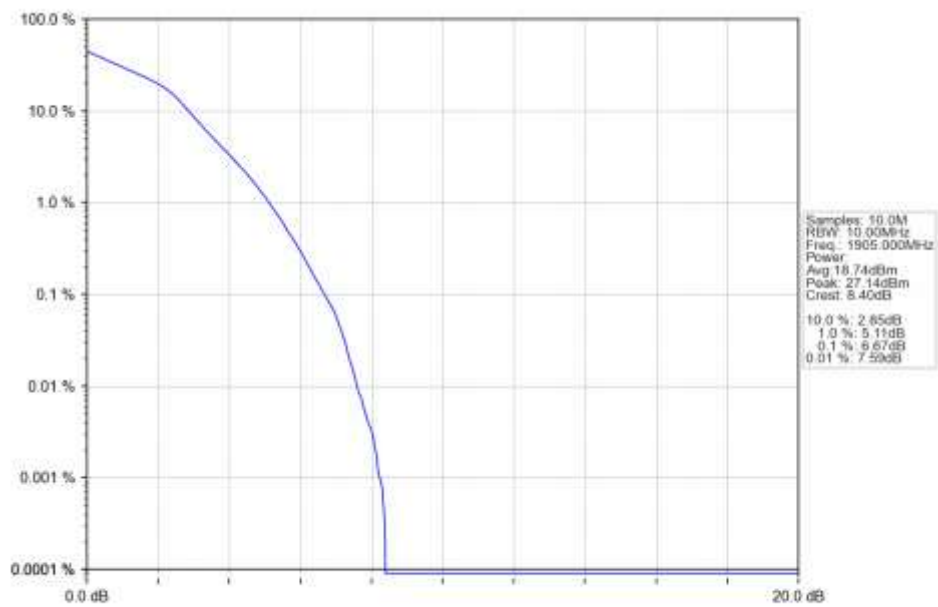
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 1855MHz Outer Full Ant1



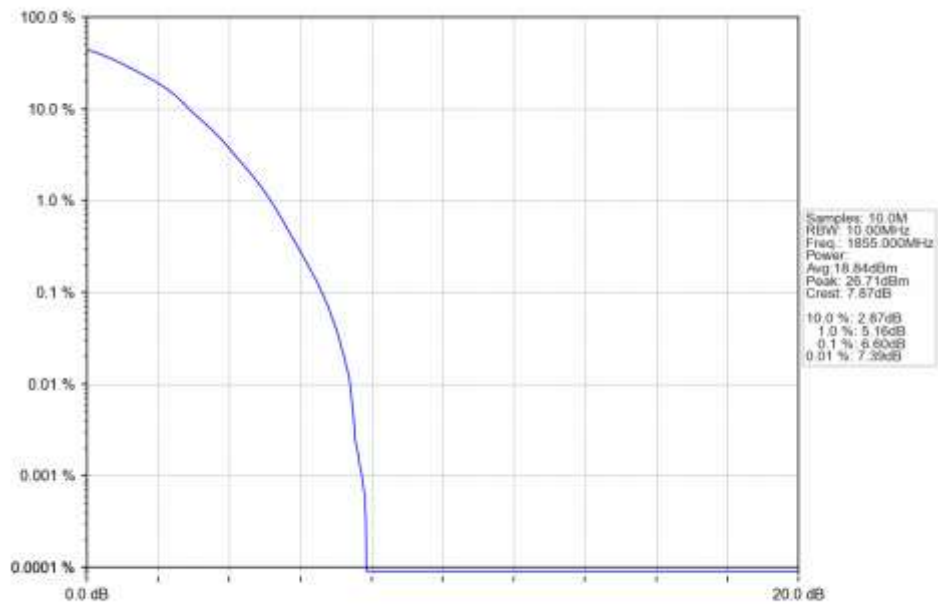
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 1880MHz Outer Full Ant1



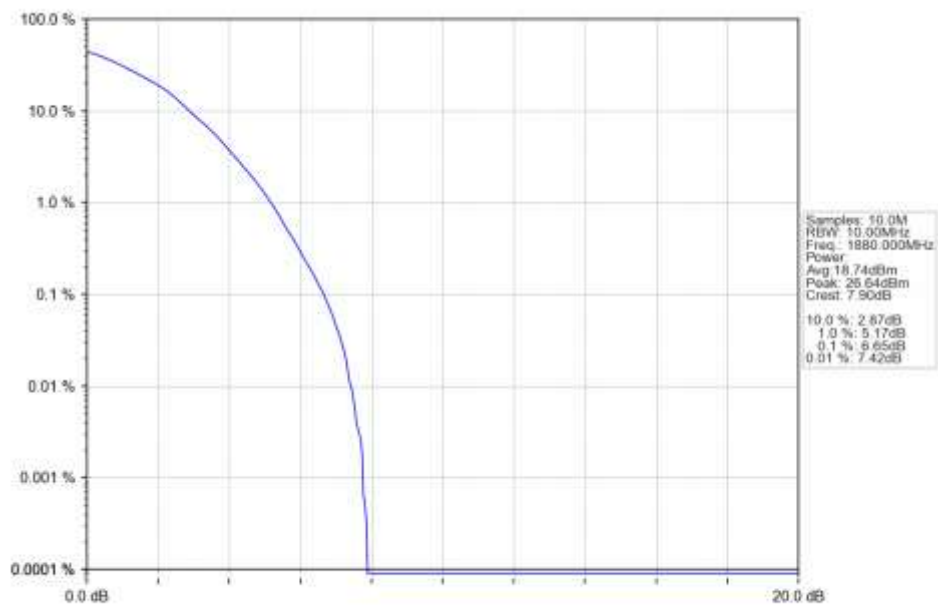
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 1905MHz Outer Full Ant1



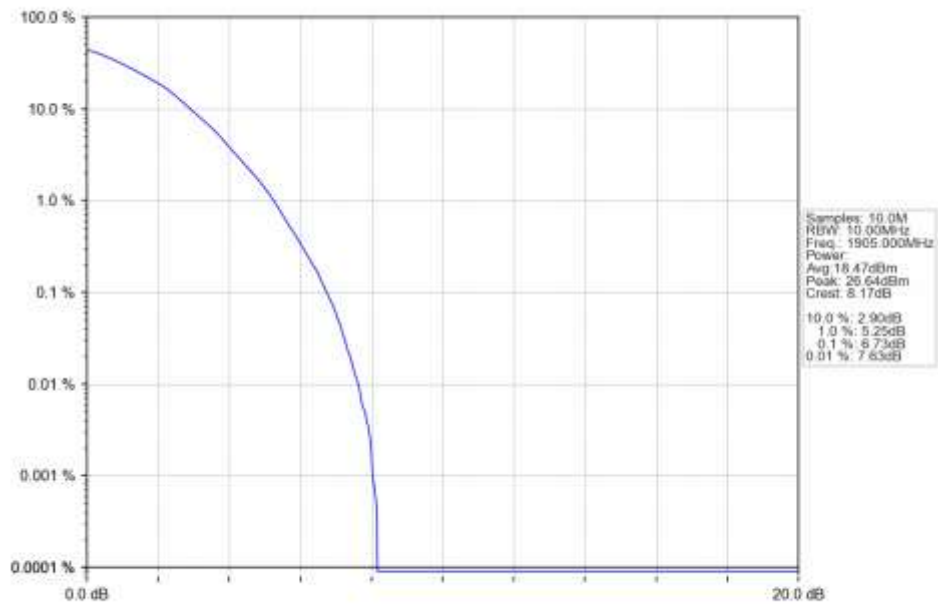
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 1855MHz Outer Full Ant1



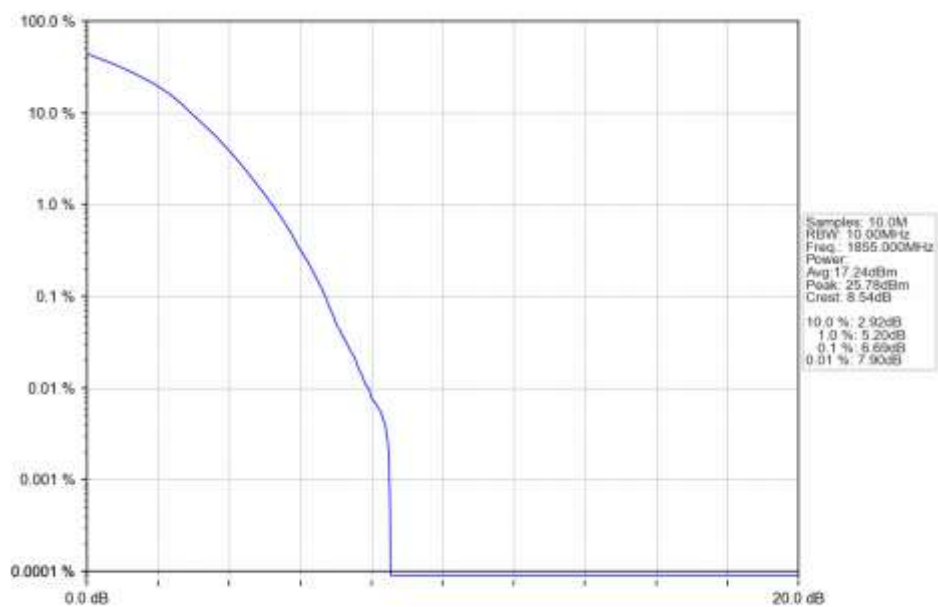
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant1



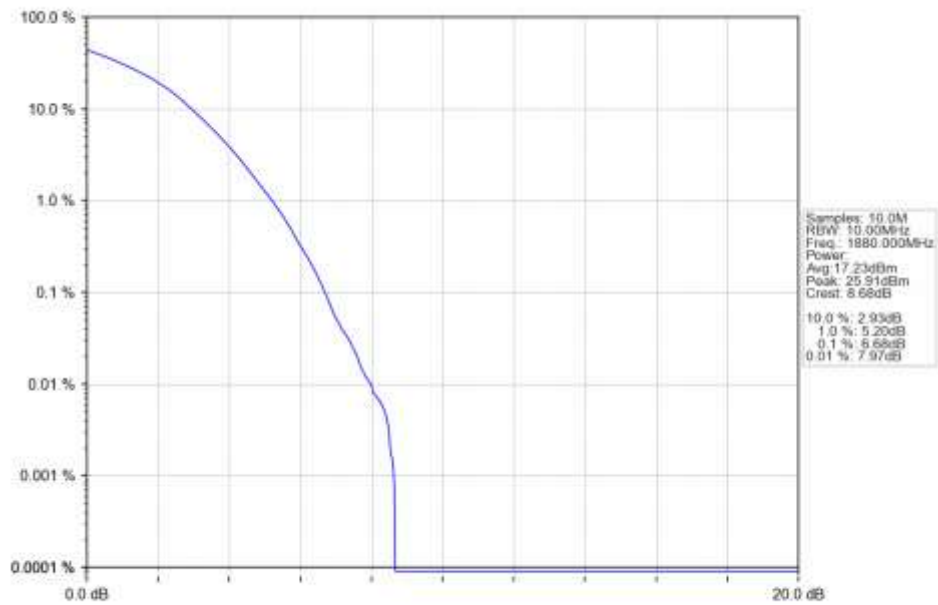
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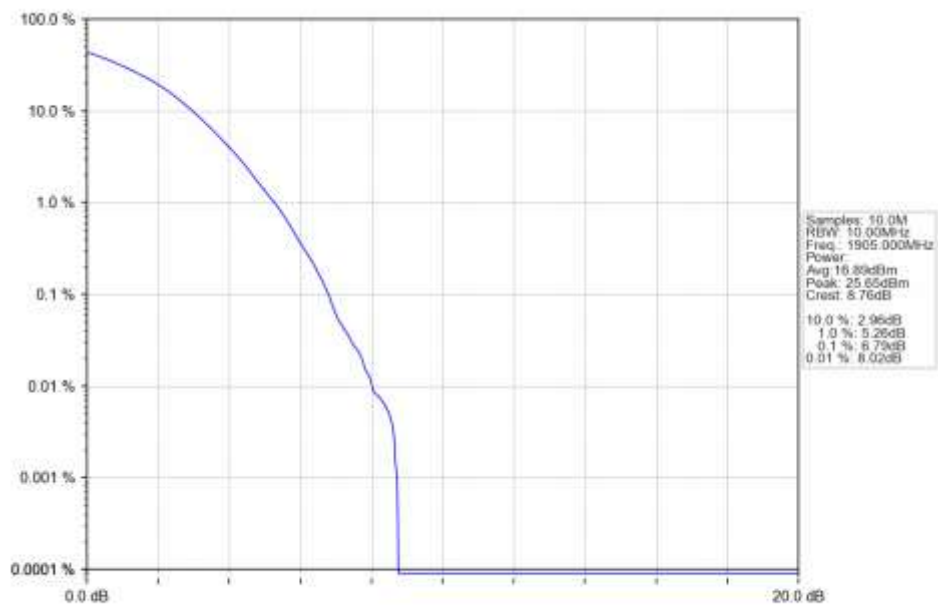
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 1855MHz Outer Full Ant1



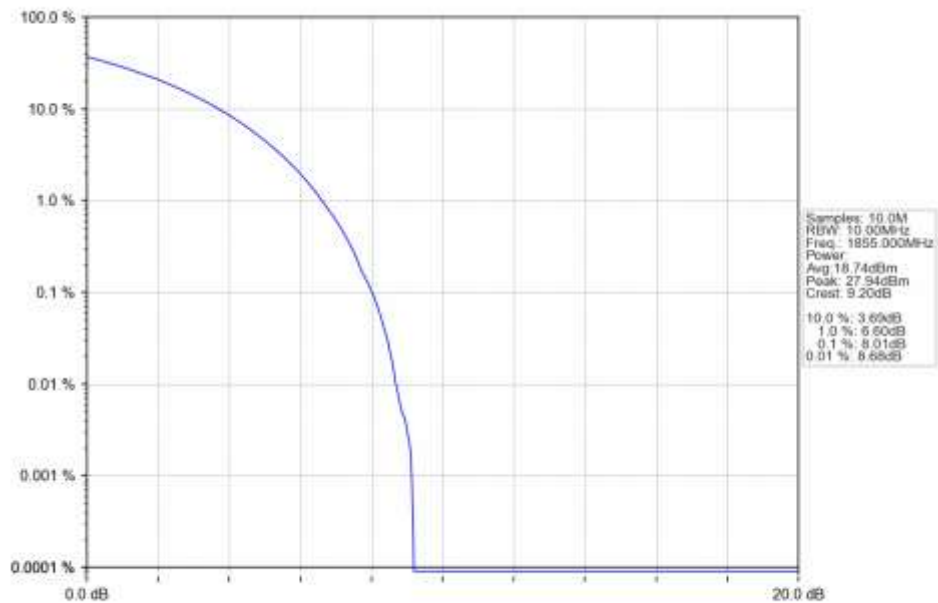
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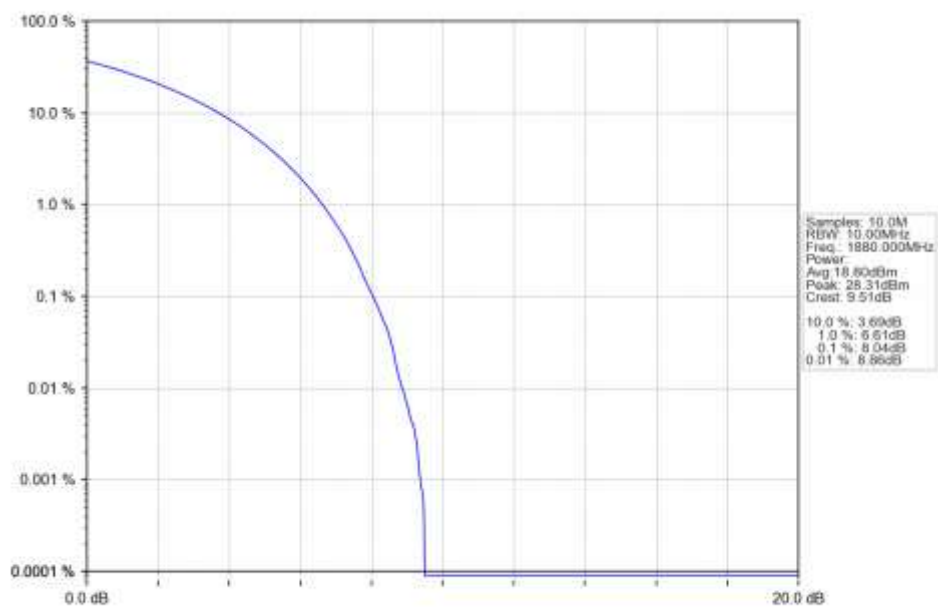
n2 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 1905MHz Outer Full Ant1



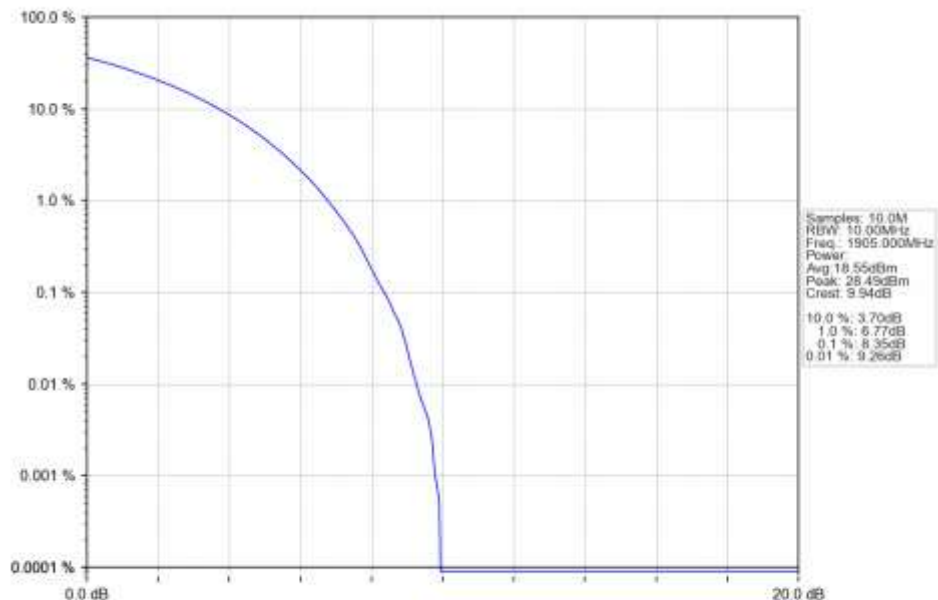
n2 15kHz SISO NTN 10MHz CP-OFDM QPSK 1855MHz Outer Full Ant1



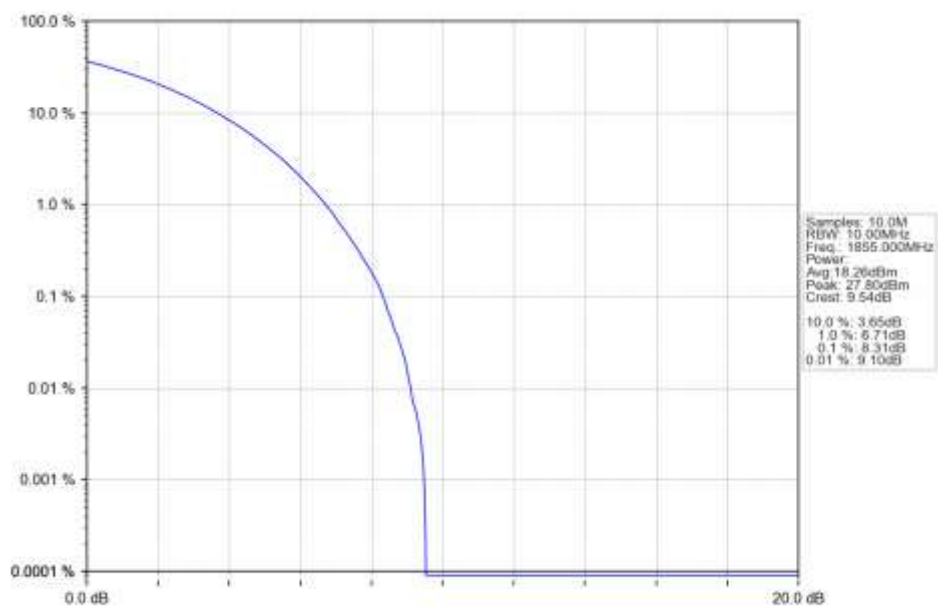
n2 15kHz SISO NTN 10MHz CP-OFDM QPSK 1880MHz Outer Full Ant1



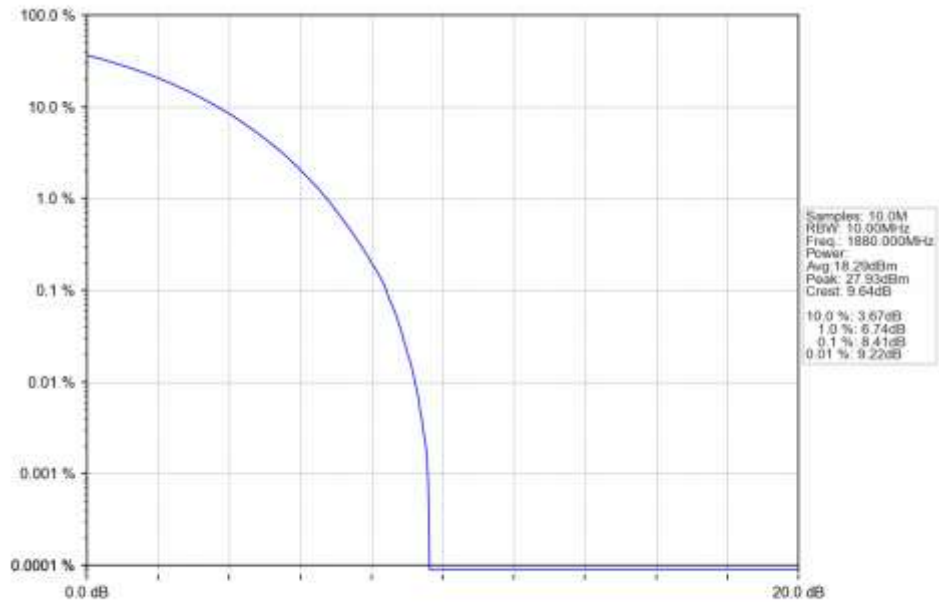
n2 15kHz SISO NTV 10MHz CP-OFDM QPSK 1905MHz Outer Full Ant1



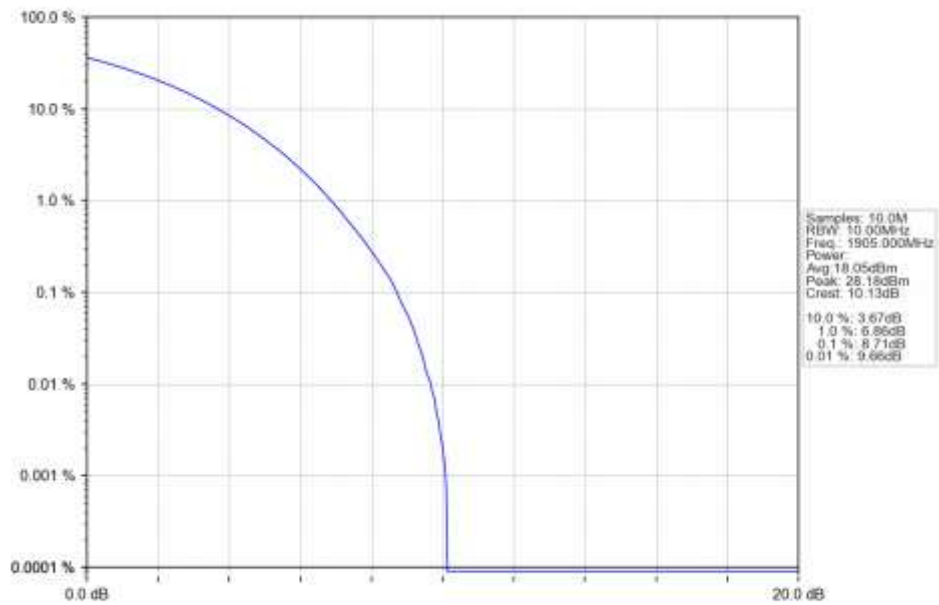
n2 15kHz SISO NTV 10MHz CP-OFDM 16 QAM 1855MHz Outer Full Ant1



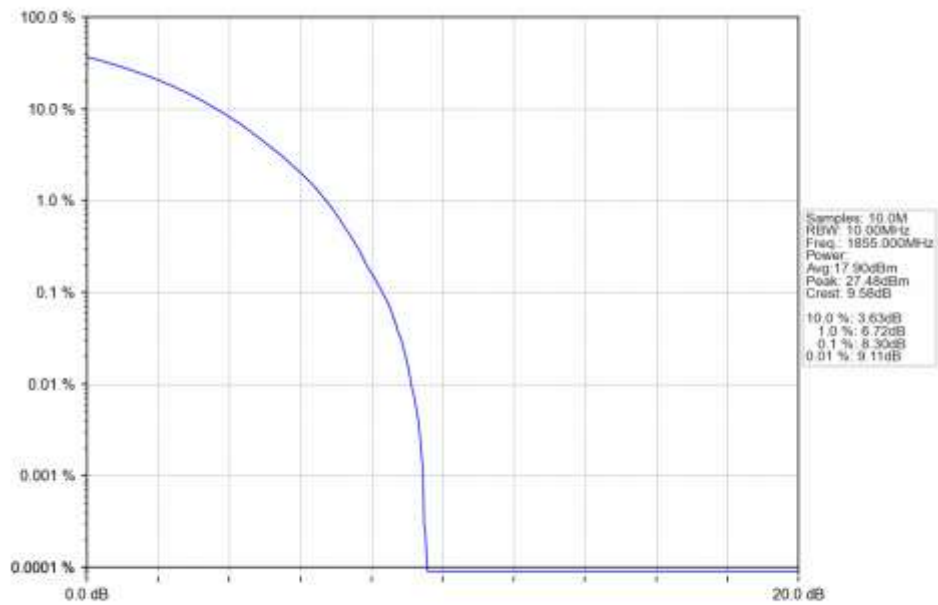
n2 15kHz SISO NTV 10MHz CP-OFDM 16 QAM 1880MHz Outer Full Ant1



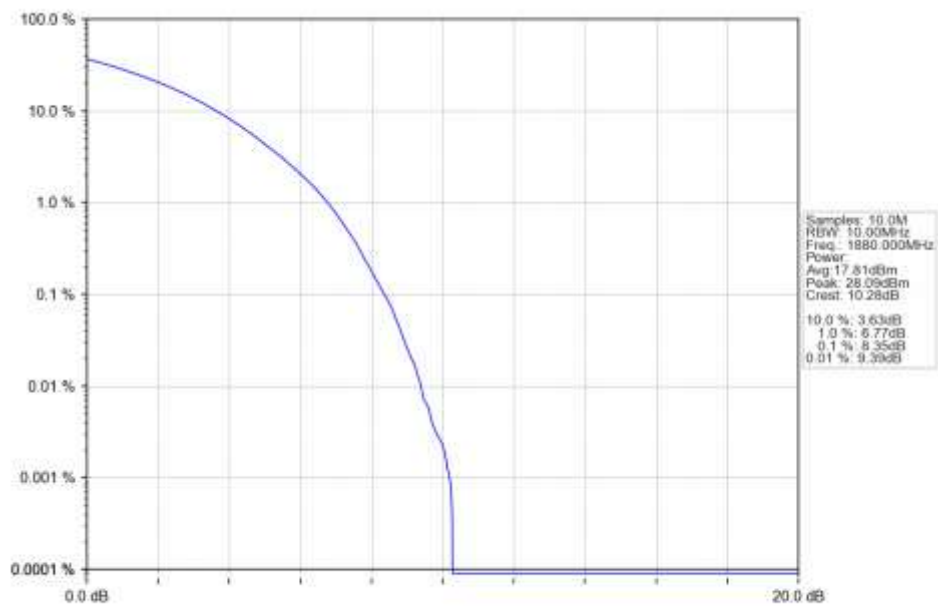
n2 15kHz SISO NTV 10MHz CP-OFDM 16 QAM 1905MHz Outer Full Ant1



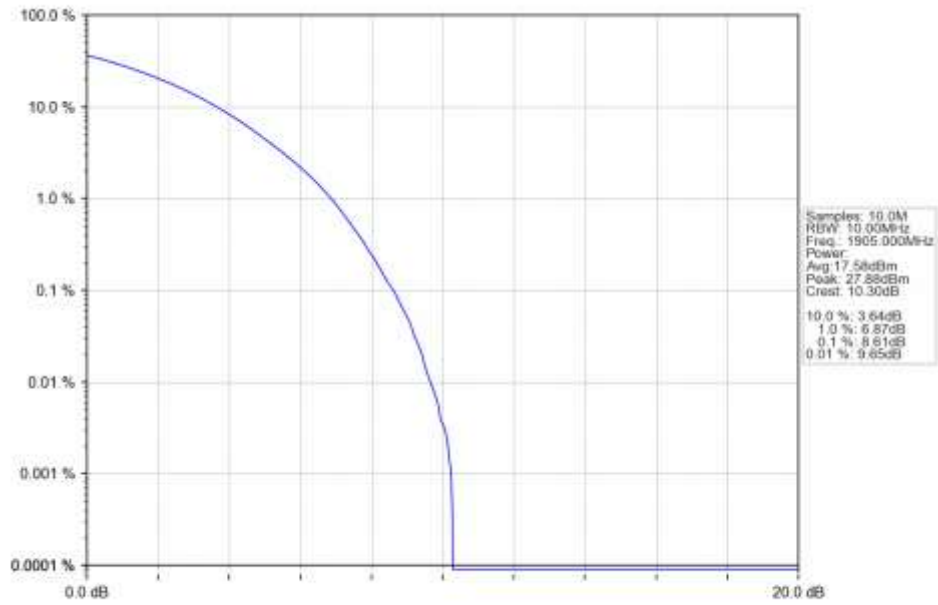
n2 15kHz SISO NTV 10MHz CP-OFDM 64 QAM 1855MHz Outer Full Ant1



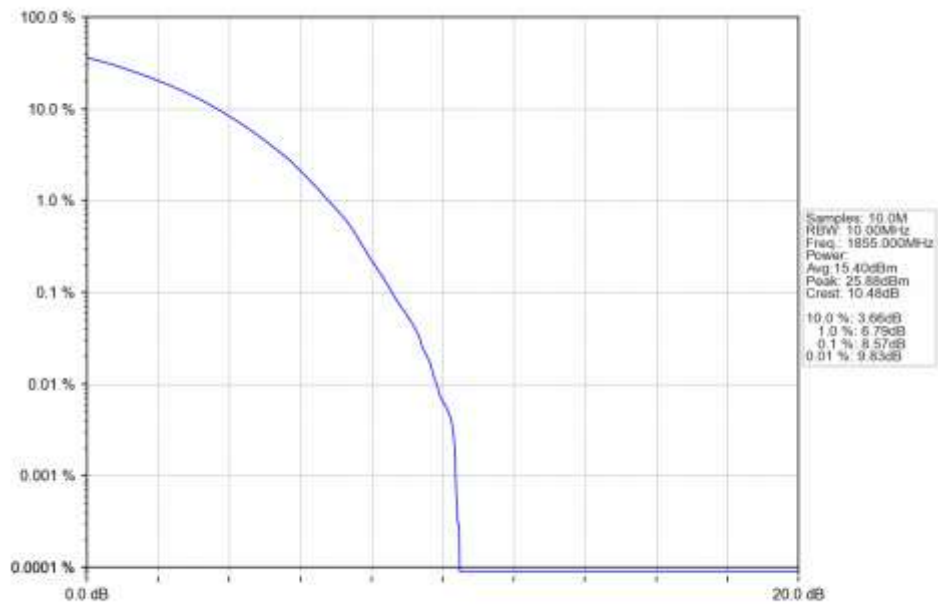
n2 15kHz SISO NTV 10MHz CP-OFDM 64 QAM 1880MHz Outer Full Ant1



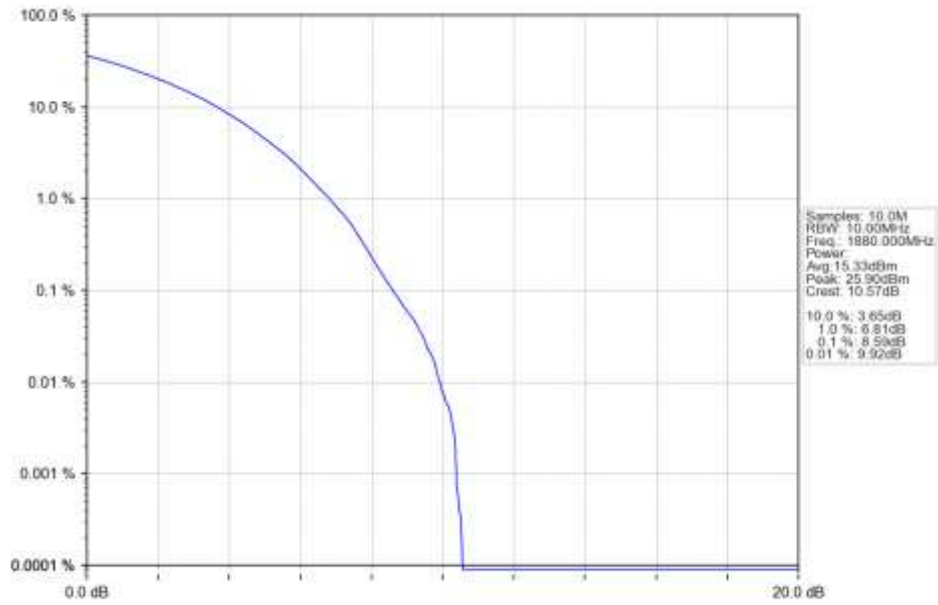
n2 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 1905MHz Outer Full Ant1



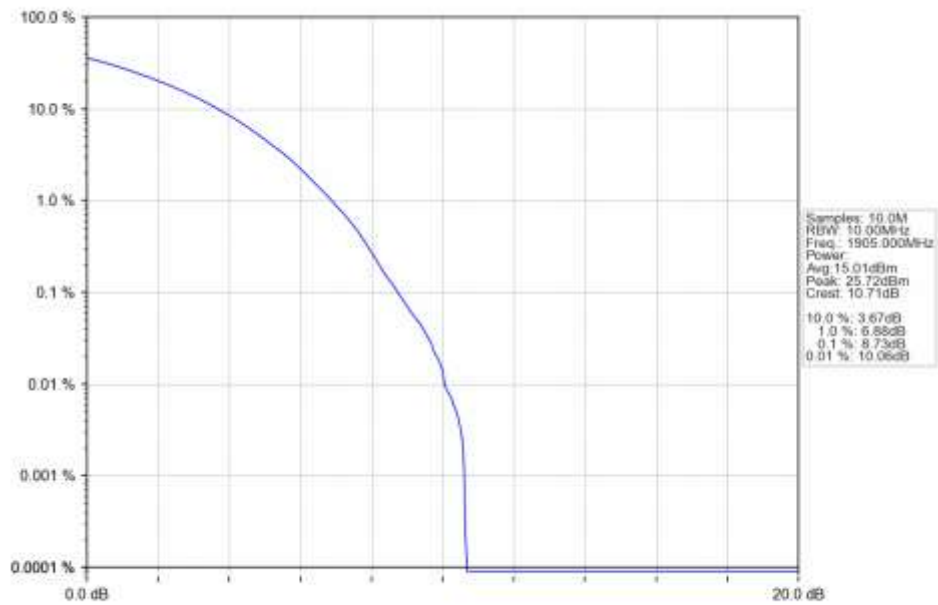
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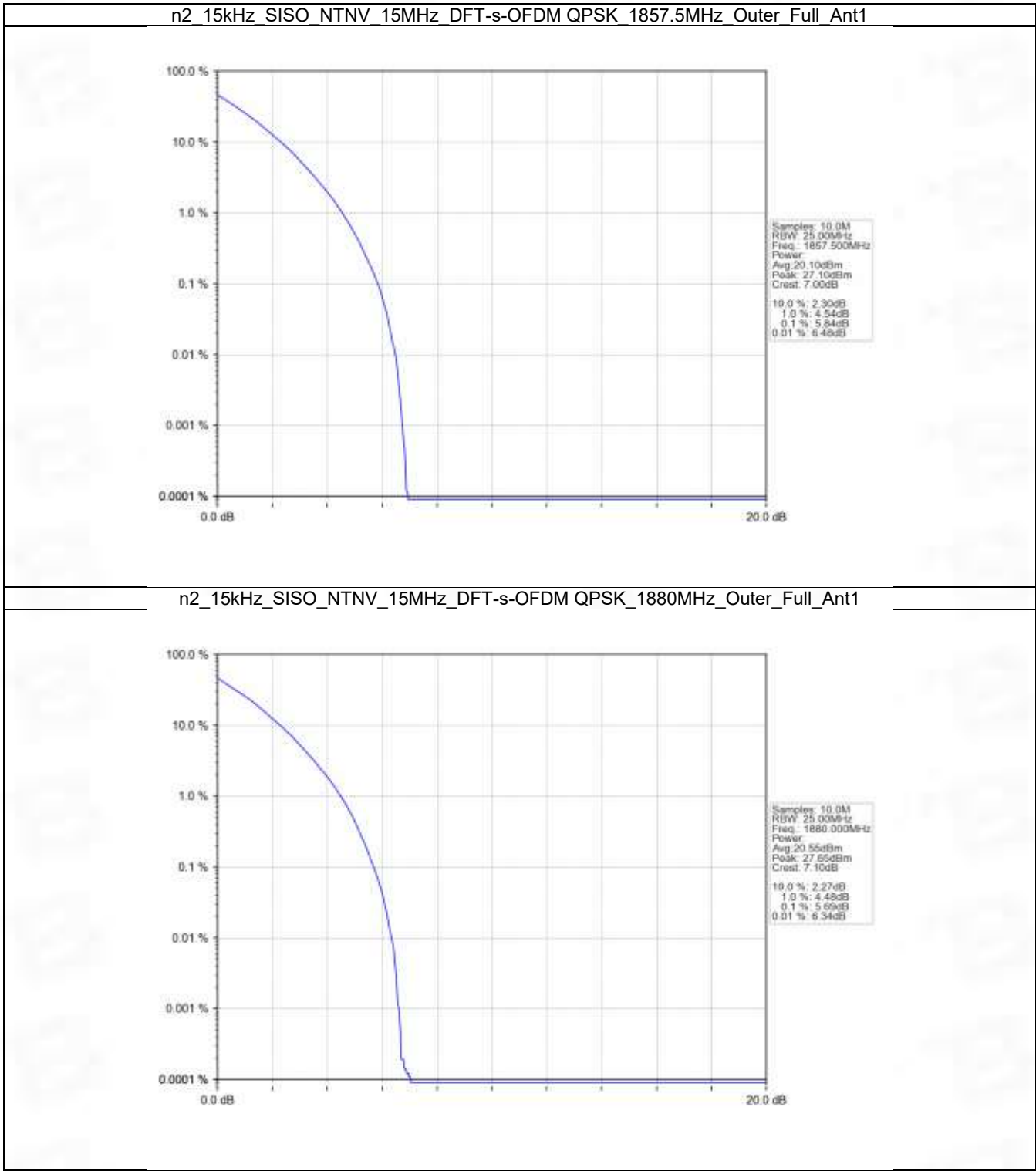
n2 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 1880MHz Outer Full Ant1



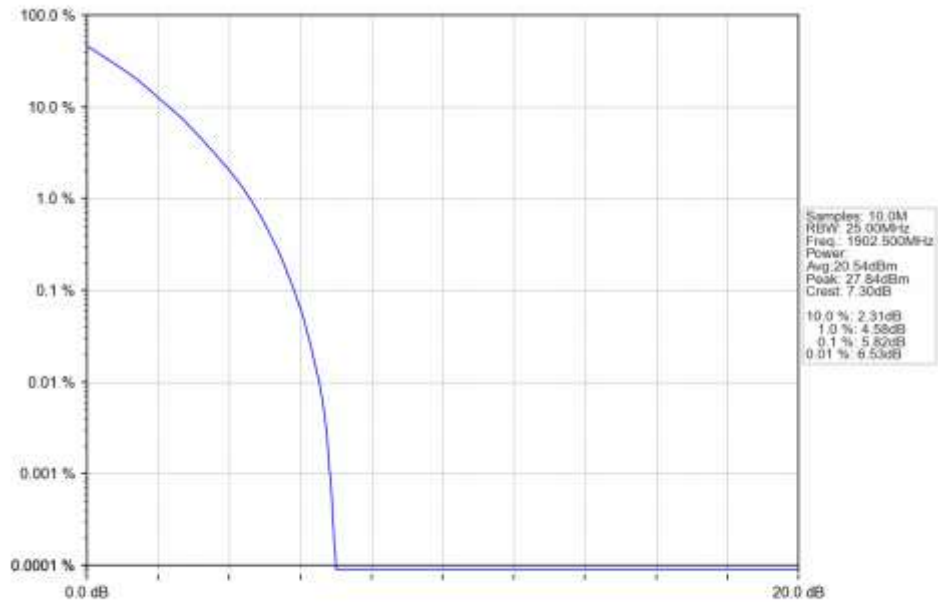
n2 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 1905MHz Outer Full Ant1



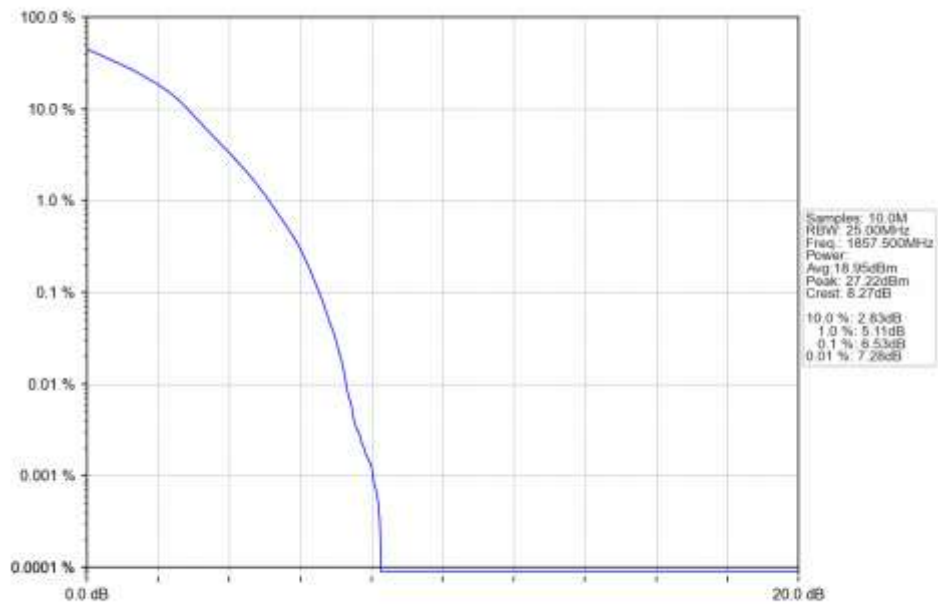
5.2.3 15k_SISO_15MHz_NTNV



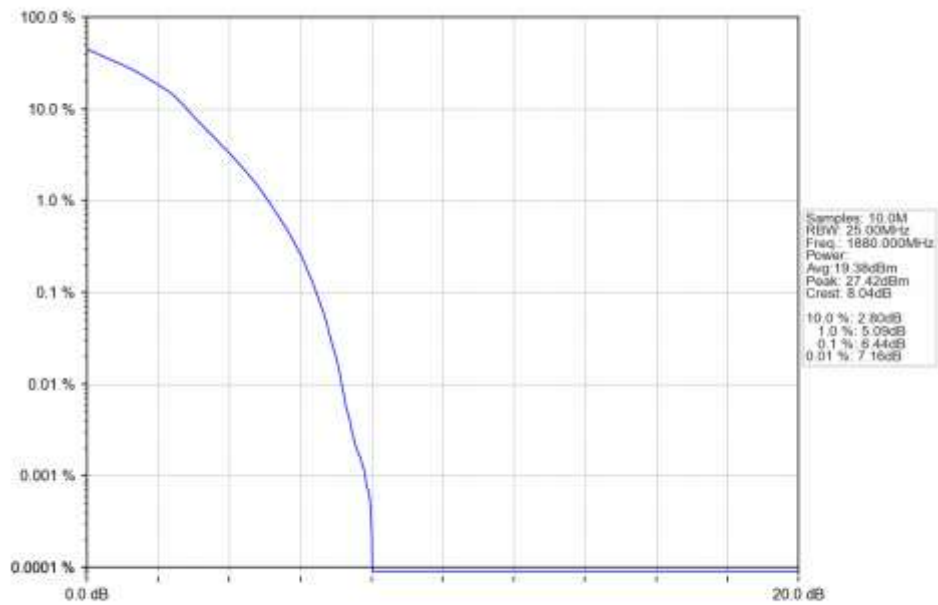
n2 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1902.5MHz Outer Full Ant1



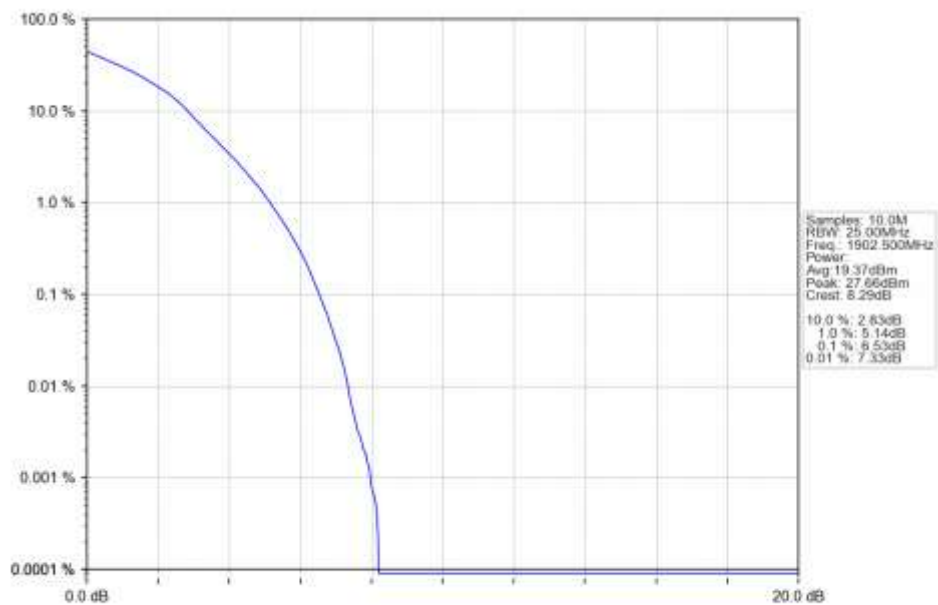
n2 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 1857.5MHz Outer Full Ant1



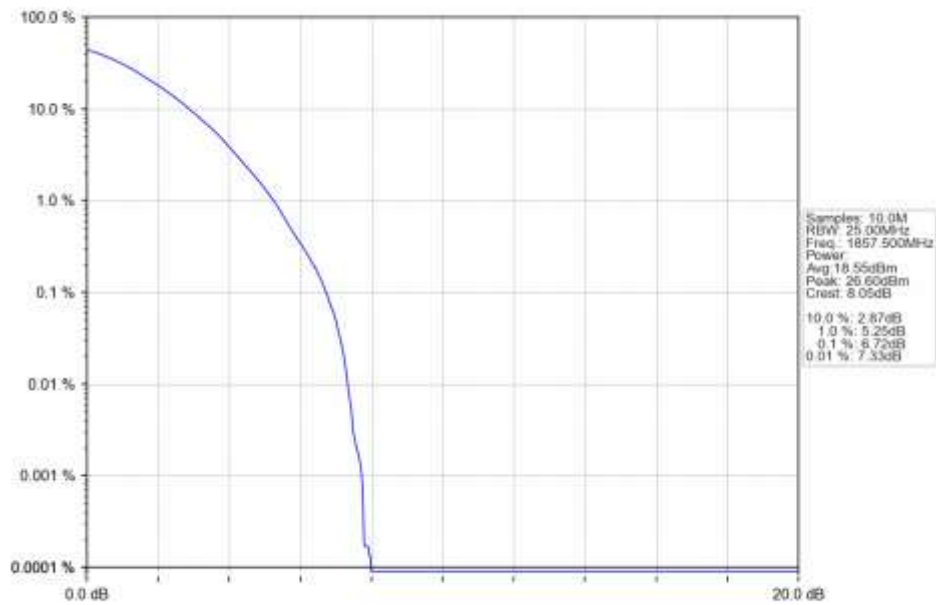
n2 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 1880MHz Outer Full Ant1



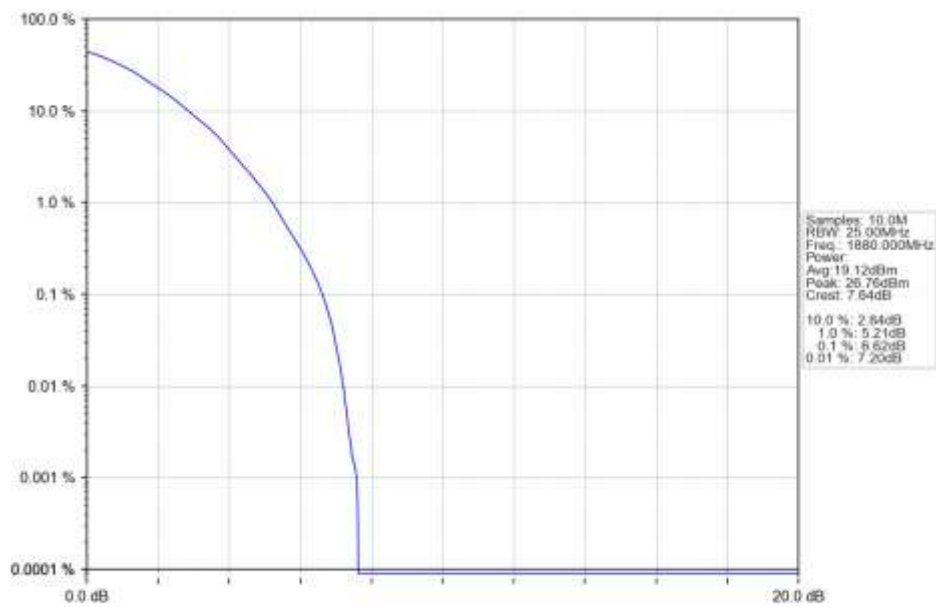
n2 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 1902.5MHz Outer Full Ant1



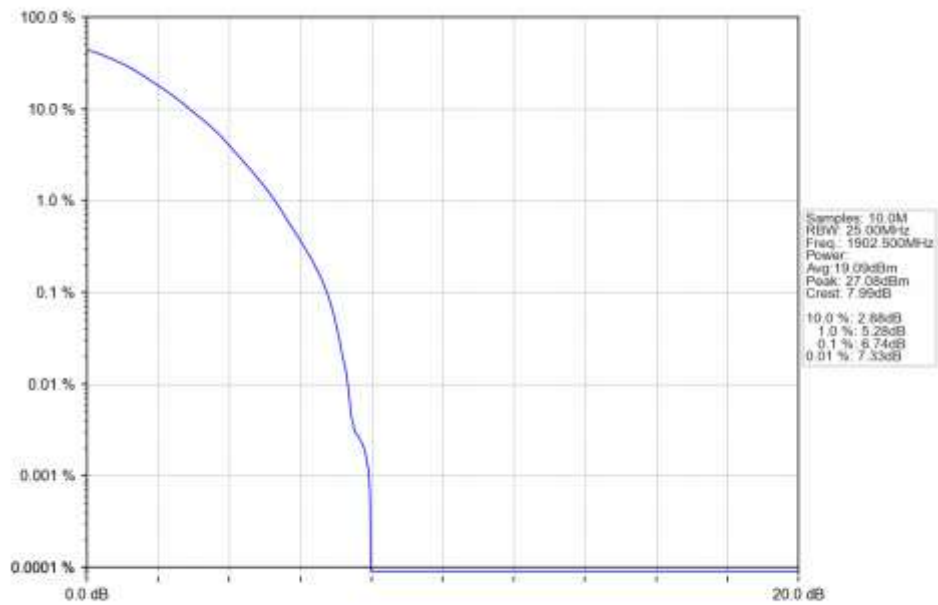
n2 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 1857.5MHz Outer Full Ant1



n2 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 1880MHz Outer Full Ant1



n2 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 1902.5MHz Outer Full Ant1



n2 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 1857.5MHz Outer Full Ant1

