

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	22.73	/	/	24.28	/	/	<=33	Pass
		Edge 1RB Right	22.25	/	/	23.80	/	/	<=33	Pass
		Outer Full	22.59	/	/	24.14	/	/	<=33	Pass
		Inner Full	22.57	/	/	24.12	/	/	<=33	Pass
		Inner 1RB Left	22.99	/	/	24.54	/	/	<=33	Pass
		Inner 1RB Right	22.56	/	/	24.11	/	/	<=33	Pass
	1880	Edge 1RB Left	17.71	/	/	19.26	/	/	<=33	Pass
		Edge 1RB Right	18.24	/	/	19.79	/	/	<=33	Pass
		Outer Full	18.02	/	/	19.57	/	/	<=33	Pass
		Inner Full	18.33	/	/	19.88	/	/	<=33	Pass
		Inner 1RB Left	18.15	/	/	19.70	/	/	<=33	Pass
		Inner 1RB Right	18.65	/	/	20.20	/	/	<=33	Pass
	1907.5	Edge 1RB Left	20.99	/	/	22.54	/	/	<=33	Pass
		Edge 1RB Right	21.48	/	/	23.03	/	/	<=33	Pass
		Outer Full	21.32	/	/	22.87	/	/	<=33	Pass
		Inner Full	21.49	/	/	23.04	/	/	<=33	Pass
		Inner 1RB Left	21.45	/	/	23.00	/	/	<=33	Pass
		Inner 1RB Right	21.88	/	/	23.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge 1RB Left	13.52	/	/	15.07	/	/	<=33	Pass
		Edge 1RB Right	12.97	/	/	14.52	/	/	<=33	Pass
		Outer Full	17.97	/	/	19.52	/	/	<=33	Pass
		Inner Full	13.24	/	/	14.79	/	/	<=33	Pass
		Inner 1RB Left	13.83	/	/	15.38	/	/	<=33	Pass
		Inner 1RB Right	13.31	/	/	14.86	/	/	<=33	Pass
	1880	Edge 1RB Left	16.79	/	/	18.34	/	/	<=33	Pass
		Edge 1RB Right	17.32	/	/	18.87	/	/	<=33	Pass
		Outer Full	16.92	/	/	18.47	/	/	<=33	Pass
		Inner Full	17.29	/	/	18.84	/	/	<=33	Pass
		Inner 1RB Left	17.24	/	/	18.79	/	/	<=33	Pass
		Inner 1RB Right	17.67	/	/	19.22	/	/	<=33	Pass
	1907.5	Edge 1RB Left	19.87	/	/	21.42	/	/	<=33	Pass
		Edge 1RB Right	20.32	/	/	21.87	/	/	<=33	Pass
		Outer Full	19.96	/	/	21.51	/	/	<=33	Pass
		Inner Full	20.33	/	/	21.88	/	/	<=33	Pass
		Inner 1RB Left	20.35	/	/	21.90	/	/	<=33	Pass
		Inner 1RB Right	20.77	/	/	22.32	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge 1RB Left	12.85	/	/	14.40	/	/	<=33	Pass
		Edge 1RB Right	12.25	/	/	13.80	/	/	<=33	Pass
		Outer Full	12.19	/	/	13.74	/	/	<=33	Pass
		Inner Full	12.04	/	/	13.59	/	/	<=33	Pass
		Inner 1RB Left	12.75	/	/	14.30	/	/	<=33	Pass
		Inner 1RB Right	12.21	/	/	13.76	/	/	<=33	Pass
	1880	Edge 1RB Left	16.11	/	/	17.66	/	/	<=33	Pass
		Edge 1RB Right	16.65	/	/	18.20	/	/	<=33	Pass
		Outer Full	16.17	/	/	17.72	/	/	<=33	Pass
		Inner Full	16.11	/	/	17.66	/	/	<=33	Pass
		Inner 1RB Left	16.15	/	/	17.70	/	/	<=33	Pass
		Inner 1RB Right	16.61	/	/	18.16	/	/	<=33	Pass

	1907.5	Edge_1RB_Left	19.43	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	21.42	/	/	<=33	Pass
		Outer_Full	19.33	/	/	20.88	/	/	<=33	Pass
		Inner_Full	19.26	/	/	20.81	/	/	<=33	Pass
		Inner_1RB_Left	19.30	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Right	19.60	/	/	21.15	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	10.84	/	/	12.39	/	/	<=33	Pass
		Edge_1RB_Right	10.32	/	/	11.87	/	/	<=33	Pass
		Outer_Full	10.40	/	/	11.95	/	/	<=33	Pass
		Inner_Full	10.34	/	/	11.89	/	/	<=33	Pass
		Inner_1RB_Left	10.80	/	/	12.35	/	/	<=33	Pass
		Inner_1RB_Right	10.29	/	/	11.84	/	/	<=33	Pass
	1880	Edge_1RB_Left	14.28	/	/	15.83	/	/	<=33	Pass
		Edge_1RB_Right	14.81	/	/	16.36	/	/	<=33	Pass
		Outer_Full	14.50	/	/	16.05	/	/	<=33	Pass
		Inner_Full	14.50	/	/	16.05	/	/	<=33	Pass
		Inner_1RB_Left	14.33	/	/	15.88	/	/	<=33	Pass
		Inner_1RB_Right	14.79	/	/	16.34	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	17.35	/	/	18.90	/	/	<=33	Pass
		Edge_1RB_Right	17.87	/	/	19.42	/	/	<=33	Pass
		Outer_Full	17.61	/	/	19.16	/	/	<=33	Pass
		Inner_Full	17.60	/	/	19.15	/	/	<=33	Pass
		Inner_1RB_Left	17.40	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	17.95	/	/	19.50	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	12.59	/	/	14.14	/	/	<=33	Pass
		Edge_1RB_Right	12.09	/	/	13.64	/	/	<=33	Pass
		Outer_Full	12.26	/	/	13.81	/	/	<=33	Pass
		Inner_Full	12.60	/	/	14.15	/	/	<=33	Pass
		Inner_1RB_Left	13.02	/	/	14.57	/	/	<=33	Pass
		Inner_1RB_Right	12.59	/	/	14.14	/	/	<=33	Pass
	1880	Edge_1RB_Left	15.90	/	/	17.45	/	/	<=33	Pass
		Edge_1RB_Right	16.39	/	/	17.94	/	/	<=33	Pass
		Outer_Full	16.10	/	/	17.65	/	/	<=33	Pass
		Inner_Full	16.68	/	/	18.23	/	/	<=33	Pass
		Inner_1RB_Left	16.47	/	/	18.02	/	/	<=33	Pass
		Inner_1RB_Right	16.90	/	/	18.45	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	19.14	/	/	20.69	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	21.15	/	/	<=33	Pass
		Outer_Full	19.36	/	/	20.91	/	/	<=33	Pass
		Inner_Full	19.75	/	/	21.30	/	/	<=33	Pass
		Inner_1RB_Left	19.64	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Right	20.07	/	/	21.62	/	/	<=33	Pass
CP-OFDM 16 QAM	1852.5	Edge_1RB_Left	12.36	/	/	13.91	/	/	<=33	Pass
		Edge_1RB_Right	11.80	/	/	13.35	/	/	<=33	Pass
		Outer_Full	11.69	/	/	13.24	/	/	<=33	Pass
		Inner_Full	12.00	/	/	13.55	/	/	<=33	Pass
		Inner_1RB_Left	12.64	/	/	14.19	/	/	<=33	Pass
		Inner_1RB_Right	12.22	/	/	13.77	/	/	<=33	Pass
	1880	Edge_1RB_Left	15.59	/	/	17.14	/	/	<=33	Pass
		Edge_1RB_Right	16.10	/	/	17.65	/	/	<=33	Pass
		Outer_Full	15.61	/	/	17.16	/	/	<=33	Pass
		Inner_Full	16.00	/	/	17.55	/	/	<=33	Pass
		Inner_1RB_Left	16.04	/	/	17.59	/	/	<=33	Pass
		Inner_1RB_Right	16.48	/	/	18.03	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.87	/	/	20.42	/	/	<=33	Pass
		Edge_1RB_Right	19.33	/	/	20.88	/	/	<=33	Pass
		Outer_Full	18.82	/	/	20.37	/	/	<=33	Pass
		Inner_Full	19.18	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Left	19.29	/	/	20.84	/	/	<=33	Pass

		Inner_1RB_Right	19.73	/	/	21.28	/	/	<=33	Pass
CP-OFDM 64 QAM	1852.5	Edge_1RB_Left	11.61	/	/	13.16	/	/	<=33	Pass
		Edge_1RB_Right	11.09	/	/	12.64	/	/	<=33	Pass
		Outer_Full	10.97	/	/	12.52	/	/	<=33	Pass
		Inner_Full	11.98	/	/	13.53	/	/	<=33	Pass
		Inner_1RB_Left	12.81	/	/	14.36	/	/	<=33	Pass
		Inner_1RB_Right	12.21	/	/	13.76	/	/	<=33	Pass
	1880	Edge_1RB_Left	14.96	/	/	16.51	/	/	<=33	Pass
		Edge_1RB_Right	15.47	/	/	17.02	/	/	<=33	Pass
		Outer_Full	14.95	/	/	16.50	/	/	<=33	Pass
		Inner_Full	16.00	/	/	17.55	/	/	<=33	Pass
		Inner_1RB_Left	16.06	/	/	17.61	/	/	<=33	Pass
		Inner_1RB_Right	16.63	/	/	18.18	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	18.25	/	/	19.80	/	/	<=33	Pass
		Edge_1RB_Right	18.76	/	/	20.31	/	/	<=33	Pass
		Outer_Full	18.12	/	/	19.67	/	/	<=33	Pass
		Inner_Full	19.18	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Left	19.46	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Right	19.87	/	/	21.42	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Edge_1RB_Left	8.93	/	/	10.48	/	/	<=33	Pass
		Edge_1RB_Right	8.42	/	/	9.97	/	/	<=33	Pass
		Outer_Full	8.34	/	/	9.89	/	/	<=33	Pass
		Inner_Full	8.33	/	/	9.88	/	/	<=33	Pass
		Inner_1RB_Left	8.87	/	/	10.42	/	/	<=33	Pass
		Inner_1RB_Right	8.39	/	/	9.94	/	/	<=33	Pass
	1880	Edge_1RB_Left	12.18	/	/	13.73	/	/	<=33	Pass
		Edge_1RB_Right	12.76	/	/	14.31	/	/	<=33	Pass
		Outer_Full	12.23	/	/	13.78	/	/	<=33	Pass
		Inner_Full	12.28	/	/	13.83	/	/	<=33	Pass
		Inner_1RB_Left	12.23	/	/	13.78	/	/	<=33	Pass
		Inner_1RB_Right	12.71	/	/	14.26	/	/	<=33	Pass
	1907.5	Edge_1RB_Left	15.52	/	/	17.07	/	/	<=33	Pass
		Edge_1RB_Right	16.08	/	/	17.63	/	/	<=33	Pass
		Outer_Full	15.61	/	/	17.16	/	/	<=33	Pass
		Inner_Full	15.63	/	/	17.18	/	/	<=33	Pass
		Inner_1RB_Left	15.57	/	/	17.12	/	/	<=33	Pass
		Inner_1RB_Right	16.12	/	/	17.67	/	/	<=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	15.10	/	/	16.65	/	/	<=33	Pass
		Edge 1RB Right	14.61	/	/	16.16	/	/	<=33	Pass
		Outer Full	14.34	/	/	15.89	/	/	<=33	Pass
		Inner Full	14.37	/	/	15.92	/	/	<=33	Pass
		Inner 1RB Left	14.78	/	/	16.33	/	/	<=33	Pass
		Inner 1RB Right	15.03	/	/	16.58	/	/	<=33	Pass
	1880	Edge 1RB Left	17.42	/	/	18.97	/	/	<=33	Pass
		Edge 1RB Right	18.59	/	/	20.14	/	/	<=33	Pass
		Outer Full	17.66	/	/	19.21	/	/	<=33	Pass
		Inner Full	17.88	/	/	19.43	/	/	<=33	Pass
		Inner 1RB Left	17.20	/	/	18.75	/	/	<=33	Pass
		Inner 1RB Right	18.91	/	/	20.46	/	/	<=33	Pass

	1905	Edge_1RB_Left	20.49	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	21.47	/	/	23.02	/	/	<=33	Pass
		Outer_Full	20.48	/	/	22.03	/	/	<=33	Pass
		Inner_Full	20.74	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	20.22	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Right	21.79	/	/	23.34	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	14.08	/	/	15.63	/	/	<=33	Pass
		Edge_1RB_Right	13.64	/	/	15.19	/	/	<=33	Pass
		Outer_Full	13.03	/	/	14.58	/	/	<=33	Pass
		Inner_Full	13.30	/	/	14.85	/	/	<=33	Pass
		Inner_1RB_Left	13.75	/	/	15.30	/	/	<=33	Pass
		Inner_1RB_Right	14.04	/	/	15.59	/	/	<=33	Pass
	1880	Edge_1RB_Left	16.38	/	/	17.93	/	/	<=33	Pass
		Edge_1RB_Right	17.56	/	/	19.11	/	/	<=33	Pass
		Outer_Full	16.44	/	/	17.99	/	/	<=33	Pass
		Inner_Full	16.81	/	/	18.36	/	/	<=33	Pass
		Inner_1RB_Left	16.19	/	/	17.74	/	/	<=33	Pass
		Inner_1RB_Right	17.94	/	/	19.49	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.25	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	20.16	/	/	21.71	/	/	<=33	Pass
		Outer_Full	19.08	/	/	20.63	/	/	<=33	Pass
		Inner_Full	19.45	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	18.90	/	/	20.45	/	/	<=33	Pass
		Inner_1RB_Right	20.58	/	/	22.13	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	13.40	/	/	14.95	/	/	<=33	Pass
		Edge_1RB_Right	12.93	/	/	14.48	/	/	<=33	Pass
		Outer_Full	12.14	/	/	13.69	/	/	<=33	Pass
		Inner_Full	12.16	/	/	13.71	/	/	<=33	Pass
		Inner_1RB_Left	12.61	/	/	14.16	/	/	<=33	Pass
		Inner_1RB_Right	12.80	/	/	14.35	/	/	<=33	Pass
	1880	Edge_1RB_Left	15.76	/	/	17.31	/	/	<=33	Pass
		Edge_1RB_Right	16.93	/	/	18.48	/	/	<=33	Pass
		Outer_Full	15.64	/	/	17.19	/	/	<=33	Pass
		Inner_Full	15.58	/	/	17.13	/	/	<=33	Pass
		Inner_1RB_Left	15.12	/	/	16.67	/	/	<=33	Pass
		Inner_1RB_Right	16.89	/	/	18.44	/	/	<=33	Pass
	1905	Edge_1RB_Left	18.50	/	/	20.05	/	/	<=33	Pass
		Edge_1RB_Right	19.44	/	/	20.99	/	/	<=33	Pass
		Outer_Full	18.45	/	/	20.00	/	/	<=33	Pass
		Inner_Full	18.40	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Left	17.81	/	/	19.36	/	/	<=33	Pass
		Inner_1RB_Right	19.44	/	/	20.99	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	11.56	/	/	13.11	/	/	<=33	Pass
		Edge_1RB_Right	11.09	/	/	12.64	/	/	<=33	Pass
		Outer_Full	10.62	/	/	12.17	/	/	<=33	Pass
		Inner_Full	10.42	/	/	11.97	/	/	<=33	Pass
		Inner_1RB_Left	10.80	/	/	12.35	/	/	<=33	Pass
		Inner_1RB_Right	11.11	/	/	12.66	/	/	<=33	Pass
	1880	Edge_1RB_Left	13.93	/	/	15.48	/	/	<=33	Pass
		Edge_1RB_Right	15.17	/	/	16.72	/	/	<=33	Pass
		Outer_Full	14.14	/	/	15.69	/	/	<=33	Pass
		Inner_Full	14.04	/	/	15.59	/	/	<=33	Pass
		Inner_1RB_Left	13.25	/	/	14.80	/	/	<=33	Pass
		Inner_1RB_Right	15.12	/	/	16.67	/	/	<=33	Pass
	1905	Edge_1RB_Left	16.67	/	/	18.22	/	/	<=33	Pass
		Edge_1RB_Right	17.66	/	/	19.21	/	/	<=33	Pass
		Outer_Full	16.75	/	/	18.30	/	/	<=33	Pass
		Inner_Full	16.68	/	/	18.23	/	/	<=33	Pass
		Inner_1RB_Left	15.98	/	/	17.53	/	/	<=33	Pass

CP-OFDM QPSK	1855	Inner_1RB_Right	17.65	/	/	19.20	/	/	<=33	Pass
		Edge_1RB_Left	13.09	/	/	14.64	/	/	<=33	Pass
		Edge_1RB_Right	12.71	/	/	14.26	/	/	<=33	Pass
		Outer_Full	12.28	/	/	13.83	/	/	<=33	Pass
		Inner_Full	12.87	/	/	14.42	/	/	<=33	Pass
		Inner_1RB_Left	13.07	/	/	14.62	/	/	<=33	Pass
	1880	Inner_1RB_Right	13.40	/	/	14.95	/	/	<=33	Pass
		Edge_1RB_Left	15.60	/	/	17.15	/	/	<=33	Pass
		Edge_1RB_Right	16.71	/	/	18.26	/	/	<=33	Pass
		Outer_Full	15.72	/	/	17.27	/	/	<=33	Pass
		Inner_Full	16.31	/	/	17.86	/	/	<=33	Pass
		Inner_1RB_Left	15.57	/	/	17.12	/	/	<=33	Pass
	1905	Inner_1RB_Right	17.21	/	/	18.76	/	/	<=33	Pass
		Edge_1RB_Left	18.52	/	/	20.07	/	/	<=33	Pass
		Edge_1RB_Right	19.44	/	/	20.99	/	/	<=33	Pass
		Outer_Full	18.60	/	/	20.15	/	/	<=33	Pass
		Inner_Full	19.04	/	/	20.59	/	/	<=33	Pass
		Inner_1RB_Left	18.40	/	/	19.95	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Inner_1RB_Right	19.89	/	/	21.44	/	/	<=33	Pass
		Edge_1RB_Left	12.95	/	/	14.50	/	/	<=33	Pass
		Edge_1RB_Right	12.55	/	/	14.10	/	/	<=33	Pass
		Outer_Full	11.89	/	/	13.44	/	/	<=33	Pass
		Inner_Full	12.13	/	/	13.68	/	/	<=33	Pass
		Inner_1RB_Left	12.59	/	/	14.14	/	/	<=33	Pass
	1880	Inner_1RB_Right	12.94	/	/	14.49	/	/	<=33	Pass
		Edge_1RB_Left	15.33	/	/	16.88	/	/	<=33	Pass
		Edge_1RB_Right	16.43	/	/	17.98	/	/	<=33	Pass
		Outer_Full	15.26	/	/	16.81	/	/	<=33	Pass
		Inner_Full	15.53	/	/	17.08	/	/	<=33	Pass
		Inner_1RB_Left	15.05	/	/	16.60	/	/	<=33	Pass
	1905	Inner_1RB_Right	16.76	/	/	18.31	/	/	<=33	Pass
		Edge_1RB_Left	17.86	/	/	19.41	/	/	<=33	Pass
		Edge_1RB_Right	19.11	/	/	20.66	/	/	<=33	Pass
		Outer_Full	18.08	/	/	19.63	/	/	<=33	Pass
		Inner_Full	18.40	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Left	17.96	/	/	19.51	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Inner_1RB_Right	19.48	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Left	12.49	/	/	14.04	/	/	<=33	Pass
		Edge_1RB_Right	12.04	/	/	13.59	/	/	<=33	Pass
		Outer_Full	11.38	/	/	12.93	/	/	<=33	Pass
		Inner_Full	12.10	/	/	13.65	/	/	<=33	Pass
		Inner_1RB_Left	12.65	/	/	14.20	/	/	<=33	Pass
	1880	Inner_1RB_Right	12.94	/	/	14.49	/	/	<=33	Pass
		Edge_1RB_Left	14.88	/	/	16.43	/	/	<=33	Pass
		Edge_1RB_Right	16.03	/	/	17.58	/	/	<=33	Pass
		Outer_Full	14.69	/	/	16.24	/	/	<=33	Pass
		Inner_Full	15.57	/	/	17.12	/	/	<=33	Pass
		Inner_1RB_Left	15.22	/	/	16.77	/	/	<=33	Pass
	1905	Inner_1RB_Right	16.81	/	/	18.36	/	/	<=33	Pass
		Edge_1RB_Left	17.56	/	/	19.11	/	/	<=33	Pass
		Edge_1RB_Right	18.53	/	/	20.08	/	/	<=33	Pass
		Outer_Full	17.32	/	/	18.87	/	/	<=33	Pass
		Inner_Full	18.43	/	/	19.98	/	/	<=33	Pass
		Inner_1RB_Left	18.13	/	/	19.68	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Inner_1RB_Right	19.52	/	/	21.07	/	/	<=33	Pass
		Edge_1RB_Left	9.71	/	/	11.26	/	/	<=33	Pass
		Edge_1RB_Right	9.06	/	/	10.61	/	/	<=33	Pass
		Outer_Full	8.62	/	/	10.17	/	/	<=33	Pass
		Inner_Full	8.43	/	/	9.98	/	/	<=33	Pass

		Inner_1RB_Left	8.93	/	/	10.48	/	/	<=33	Pass
		Inner_1RB_Right	9.06	/	/	10.61	/	/	<=33	Pass
	1880	Edge_1RB_Left	12.04	/	/	13.59	/	/	<=33	Pass
		Edge_1RB_Right	13.23	/	/	14.78	/	/	<=33	Pass
		Outer_Full	12.13	/	/	13.68	/	/	<=33	Pass
		Inner_Full	12.07	/	/	13.62	/	/	<=33	Pass
		Inner_1RB_Left	11.36	/	/	12.91	/	/	<=33	Pass
		Inner_1RB_Right	13.20	/	/	14.75	/	/	<=33	Pass
	1905	Edge_1RB_Left	14.95	/	/	16.50	/	/	<=33	Pass
		Edge_1RB_Right	15.99	/	/	17.54	/	/	<=33	Pass
		Outer_Full	14.86	/	/	16.41	/	/	<=33	Pass
		Inner_Full	14.79	/	/	16.34	/	/	<=33	Pass
		Inner_1RB_Left	14.32	/	/	15.87	/	/	<=33	Pass
		Inner_1RB_Right	15.96	/	/	17.51	/	/	<=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	14.99	/	/	16.54	/	/	<=33	Pass
		Edge 1RB Right	14.82	/	/	16.37	/	/	<=33	Pass
		Outer Full	14.00	/	/	15.55	/	/	<=33	Pass
		Inner Full	13.87	/	/	15.42	/	/	<=33	Pass
		Inner 1RB Left	15.11	/	/	16.66	/	/	<=33	Pass
	1880	Inner 1RB Right	15.23	/	/	16.78	/	/	<=33	Pass
		Edge 1RB Left	17.41	/	/	18.96	/	/	<=33	Pass
		Edge 1RB Right	19.23	/	/	20.78	/	/	<=33	Pass
		Outer Full	17.87	/	/	19.42	/	/	<=33	Pass
		Inner Full	17.90	/	/	19.45	/	/	<=33	Pass
	1902.5	Inner 1RB Left	17.65	/	/	19.20	/	/	<=33	Pass
		Inner 1RB Right	19.54	/	/	21.09	/	/	<=33	Pass
		Edge 1RB Left	19.96	/	/	21.51	/	/	<=33	Pass
		Edge 1RB Right	21.51	/	/	23.06	/	/	<=33	Pass
		Outer Full	20.04	/	/	21.59	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Inner Full	19.91	/	/	21.46	/	/	<=33	Pass
		Inner 1RB Left	20.15	/	/	21.70	/	/	<=33	Pass
		Inner 1RB Right	21.80	/	/	23.35	/	/	<=33	Pass
	1880	Edge 1RB Left	13.92	/	/	15.47	/	/	<=33	Pass
		Edge 1RB Right	13.77	/	/	15.32	/	/	<=33	Pass
		Outer Full	12.71	/	/	14.26	/	/	<=33	Pass
		Inner Full	12.74	/	/	14.29	/	/	<=33	Pass
	1902.5	Inner 1RB Left	14.12	/	/	15.67	/	/	<=33	Pass
		Inner 1RB Right	14.28	/	/	15.83	/	/	<=33	Pass
		Edge 1RB Left	16.35	/	/	17.90	/	/	<=33	Pass
		Edge 1RB Right	18.28	/	/	19.83	/	/	<=33	Pass
		Outer Full	16.61	/	/	18.16	/	/	<=33	Pass
	1880	Inner Full	16.94	/	/	18.49	/	/	<=33	Pass
		Inner 1RB Left	16.77	/	/	18.32	/	/	<=33	Pass
		Inner 1RB Right	18.66	/	/	20.21	/	/	<=33	Pass
	1902.5	Edge 1RB Left	18.94	/	/	20.49	/	/	<=33	Pass
		Edge 1RB Right	20.49	/	/	22.04	/	/	<=33	Pass
		Outer Full	18.82	/	/	20.37	/	/	<=33	Pass
		Inner Full	18.94	/	/	20.49	/	/	<=33	Pass
		Inner 1RB Left	19.22	/	/	20.77	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	1857.5	Inner_1RB_Right	20.88	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Left	13.43	/	/	14.98	/	/	<=33	Pass
		Edge_1RB_Right	13.15	/	/	14.70	/	/	<=33	Pass
		Outer_Full	12.01	/	/	13.56	/	/	<=33	Pass
		Inner_Full	11.61	/	/	13.16	/	/	<=33	Pass
		Inner_1RB_Left	12.85	/	/	14.40	/	/	<=33	Pass
	1880	Inner_1RB_Right	13.06	/	/	14.61	/	/	<=33	Pass
		Edge_1RB_Left	15.69	/	/	17.24	/	/	<=33	Pass
		Edge_1RB_Right	17.55	/	/	19.10	/	/	<=33	Pass
		Outer_Full	15.91	/	/	17.46	/	/	<=33	Pass
		Inner_Full	15.68	/	/	17.23	/	/	<=33	Pass
		Inner_1RB_Left	15.57	/	/	17.12	/	/	<=33	Pass
	1902.5	Inner_1RB_Right	17.49	/	/	19.04	/	/	<=33	Pass
		Edge_1RB_Left	18.29	/	/	19.84	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	21.55	/	/	<=33	Pass
		Outer_Full	18.12	/	/	19.67	/	/	<=33	Pass
		Inner_Full	17.80	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Left	18.16	/	/	19.71	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Inner_1RB_Right	19.93	/	/	21.48	/	/	<=33	Pass
		Edge_1RB_Left	11.78	/	/	13.33	/	/	<=33	Pass
		Edge_1RB_Right	11.61	/	/	13.16	/	/	<=33	Pass
		Outer_Full	10.58	/	/	12.13	/	/	<=33	Pass
		Inner_Full	10.14	/	/	11.69	/	/	<=33	Pass
		Inner_1RB_Left	11.51	/	/	13.06	/	/	<=33	Pass
	1880	Inner_1RB_Right	11.63	/	/	13.18	/	/	<=33	Pass
		Edge_1RB_Left	13.93	/	/	15.48	/	/	<=33	Pass
		Edge_1RB_Right	15.79	/	/	17.34	/	/	<=33	Pass
		Outer_Full	14.34	/	/	15.89	/	/	<=33	Pass
		Inner_Full	14.06	/	/	15.61	/	/	<=33	Pass
		Inner_1RB_Left	13.78	/	/	15.33	/	/	<=33	Pass
	1902.5	Inner_1RB_Right	15.74	/	/	17.29	/	/	<=33	Pass
		Edge_1RB_Left	16.51	/	/	18.06	/	/	<=33	Pass
		Edge_1RB_Right	17.86	/	/	19.41	/	/	<=33	Pass
		Outer_Full	16.56	/	/	18.11	/	/	<=33	Pass
		Inner_Full	16.02	/	/	17.57	/	/	<=33	Pass
		Inner_1RB_Left	16.34	/	/	17.89	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Inner_1RB_Right	18.09	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Left	13.20	/	/	14.75	/	/	<=33	Pass
		Edge_1RB_Right	13.19	/	/	14.74	/	/	<=33	Pass
		Outer_Full	12.26	/	/	13.81	/	/	<=33	Pass
		Inner_Full	12.40	/	/	13.95	/	/	<=33	Pass
		Inner_1RB_Left	13.57	/	/	15.12	/	/	<=33	Pass
	1880	Inner_1RB_Right	13.83	/	/	15.38	/	/	<=33	Pass
		Edge_1RB_Left	15.48	/	/	17.03	/	/	<=33	Pass
		Edge_1RB_Right	17.19	/	/	18.74	/	/	<=33	Pass
		Outer_Full	15.87	/	/	17.42	/	/	<=33	Pass
		Inner_Full	16.33	/	/	17.88	/	/	<=33	Pass
		Inner_1RB_Left	15.99	/	/	17.54	/	/	<=33	Pass
	1902.5	Inner_1RB_Right	17.79	/	/	19.34	/	/	<=33	Pass
		Edge_1RB_Left	17.94	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Right	19.44	/	/	20.99	/	/	<=33	Pass
		Outer_Full	18.12	/	/	19.67	/	/	<=33	Pass
		Inner_Full	18.59	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	18.47	/	/	20.02	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Inner_1RB_Right	20.04	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Left	12.78	/	/	14.33	/	/	<=33	Pass
		Edge_1RB_Right	12.84	/	/	14.39	/	/	<=33	Pass
		Outer_Full	11.70	/	/	13.25	/	/	<=33	Pass
		Inner_Full	11.72	/	/	13.27	/	/	<=33	Pass

		Inner_1RB_Left	13.15	/	/	14.70	/	/	<=33	Pass
		Inner_1RB_Right	13.26	/	/	14.81	/	/	<=33	Pass
	1880	Edge_1RB_Left	15.19	/	/	16.74	/	/	<=33	Pass
		Edge_1RB_Right	17.00	/	/	18.55	/	/	<=33	Pass
		Outer_Full	15.38	/	/	16.93	/	/	<=33	Pass
		Inner_Full	15.59	/	/	17.14	/	/	<=33	Pass
		Inner_1RB_Left	15.50	/	/	17.05	/	/	<=33	Pass
		Inner_1RB_Right	17.32	/	/	18.87	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	17.74	/	/	19.29	/	/	<=33	Pass
		Edge_1RB_Right	19.11	/	/	20.66	/	/	<=33	Pass
		Outer_Full	17.55	/	/	19.10	/	/	<=33	Pass
		Inner_Full	17.75	/	/	19.30	/	/	<=33	Pass
		Inner_1RB_Left	18.02	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Right	19.56	/	/	21.11	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	12.54	/	/	14.09	/	/	<=33	Pass
		Edge_1RB_Right	12.41	/	/	13.96	/	/	<=33	Pass
		Outer_Full	11.20	/	/	12.75	/	/	<=33	Pass
		Inner_Full	11.74	/	/	13.29	/	/	<=33	Pass
		Inner_1RB_Left	13.32	/	/	14.87	/	/	<=33	Pass
		Inner_1RB_Right	13.45	/	/	15.00	/	/	<=33	Pass
	1880	Edge_1RB_Left	14.76	/	/	16.31	/	/	<=33	Pass
		Edge_1RB_Right	16.57	/	/	18.12	/	/	<=33	Pass
		Outer_Full	14.85	/	/	16.40	/	/	<=33	Pass
		Inner_Full	15.61	/	/	17.16	/	/	<=33	Pass
		Inner_1RB_Left	15.61	/	/	17.16	/	/	<=33	Pass
		Inner_1RB_Right	17.46	/	/	19.01	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	17.25	/	/	18.80	/	/	<=33	Pass
		Edge_1RB_Right	18.74	/	/	20.29	/	/	<=33	Pass
		Outer_Full	16.96	/	/	18.51	/	/	<=33	Pass
		Inner_Full	17.93	/	/	19.48	/	/	<=33	Pass
		Inner_1RB_Left	18.04	/	/	19.59	/	/	<=33	Pass
		Inner_1RB_Right	19.67	/	/	21.22	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	9.60	/	/	11.15	/	/	<=33	Pass
		Edge_1RB_Right	9.41	/	/	10.96	/	/	<=33	Pass
		Outer_Full	8.40	/	/	9.95	/	/	<=33	Pass
		Inner_Full	7.97	/	/	9.52	/	/	<=33	Pass
		Inner_1RB_Left	9.31	/	/	10.86	/	/	<=33	Pass
		Inner_1RB_Right	9.47	/	/	11.02	/	/	<=33	Pass
	1880	Edge_1RB_Left	12.04	/	/	13.59	/	/	<=33	Pass
		Edge_1RB_Right	13.86	/	/	15.41	/	/	<=33	Pass
		Outer_Full	12.29	/	/	13.84	/	/	<=33	Pass
		Inner_Full	12.08	/	/	13.63	/	/	<=33	Pass
		Inner_1RB_Left	11.87	/	/	13.42	/	/	<=33	Pass
		Inner_1RB_Right	13.84	/	/	15.39	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	14.41	/	/	15.96	/	/	<=33	Pass
		Edge_1RB_Right	16.08	/	/	17.63	/	/	<=33	Pass
		Outer_Full	14.40	/	/	15.95	/	/	<=33	Pass
Inner_Full		14.13	/	/	15.68	/	/	<=33	Pass	
Inner_1RB_Left		14.25	/	/	15.80	/	/	<=33	Pass	
Inner_1RB_Right	15.99	/	/	17.54	/	/	<=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	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Edge 1RB Left	15.24	/	/	16.79	/	/	<=33	Pass
		Edge 1RB Right	15.82	/	/	17.37	/	/	<=33	Pass
		Outer_Full	14.32	/	/	15.87	/	/	<=33	Pass
		Inner_Full	14.15	/	/	15.70	/	/	<=33	Pass
		Inner 1RB Left	15.41	/	/	16.96	/	/	<=33	Pass
		Inner 1RB Right	16.21	/	/	17.76	/	/	<=33	Pass
	1880	Edge 1RB Left	17.22	/	/	18.77	/	/	<=33	Pass
		Edge 1RB Right	19.70	/	/	21.25	/	/	<=33	Pass
		Outer_Full	17.98	/	/	19.53	/	/	<=33	Pass
		Inner_Full	18.00	/	/	19.55	/	/	<=33	Pass
		Inner 1RB Left	17.47	/	/	19.02	/	/	<=33	Pass
		Inner 1RB Right	20.13	/	/	21.68	/	/	<=33	Pass
	1900	Edge 1RB Left	19.49	/	/	21.04	/	/	<=33	Pass
		Edge 1RB Right	21.37	/	/	22.92	/	/	<=33	Pass
		Outer_Full	19.64	/	/	21.19	/	/	<=33	Pass
		Inner_Full	19.50	/	/	21.05	/	/	<=33	Pass
		Inner 1RB Left	19.76	/	/	21.31	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge 1RB Left	14.23	/	/	15.78	/	/	<=33	Pass
		Edge 1RB Right	14.88	/	/	16.43	/	/	<=33	Pass
		Outer_Full	12.96	/	/	14.51	/	/	<=33	Pass
		Inner_Full	13.11	/	/	14.66	/	/	<=33	Pass
		Inner 1RB Left	14.42	/	/	15.97	/	/	<=33	Pass
		Inner 1RB Right	15.34	/	/	16.89	/	/	<=33	Pass
	1880	Edge 1RB Left	16.28	/	/	17.83	/	/	<=33	Pass
		Edge 1RB Right	18.74	/	/	20.29	/	/	<=33	Pass
		Outer_Full	16.86	/	/	18.41	/	/	<=33	Pass
		Inner_Full	17.02	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Left	16.61	/	/	18.16	/	/	<=33	Pass
		Inner 1RB Right	19.22	/	/	20.77	/	/	<=33	Pass
	1900	Edge 1RB Left	18.48	/	/	20.03	/	/	<=33	Pass
		Edge 1RB Right	20.39	/	/	21.94	/	/	<=33	Pass
		Outer_Full	18.45	/	/	20.00	/	/	<=33	Pass
		Inner_Full	18.43	/	/	19.98	/	/	<=33	Pass
		Inner 1RB Left	18.83	/	/	20.38	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge 1RB Left	13.49	/	/	15.04	/	/	<=33	Pass
		Edge 1RB Right	14.09	/	/	15.64	/	/	<=33	Pass
		Outer_Full	12.26	/	/	13.81	/	/	<=33	Pass
		Inner_Full	11.85	/	/	13.40	/	/	<=33	Pass
		Inner 1RB Left	13.44	/	/	14.99	/	/	<=33	Pass
		Inner 1RB Right	14.20	/	/	15.75	/	/	<=33	Pass
	1880	Edge 1RB Left	15.73	/	/	17.28	/	/	<=33	Pass
		Edge 1RB Right	18.24	/	/	19.79	/	/	<=33	Pass
		Outer_Full	16.13	/	/	17.68	/	/	<=33	Pass
		Inner_Full	15.81	/	/	17.36	/	/	<=33	Pass
		Inner 1RB Left	15.66	/	/	17.21	/	/	<=33	Pass
		Inner 1RB Right	18.16	/	/	19.71	/	/	<=33	Pass
	1900	Edge 1RB Left	17.88	/	/	19.43	/	/	<=33	Pass
		Edge 1RB Right	19.80	/	/	21.35	/	/	<=33	Pass
		Outer_Full	17.70	/	/	19.25	/	/	<=33	Pass
		Inner_Full	17.26	/	/	18.81	/	/	<=33	Pass
		Inner 1RB Left	17.80	/	/	19.35	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Inner 1RB Right	19.79	/	/	21.34	/	/	<=33	Pass
		Edge 1RB Left	12.02	/	/	13.57	/	/	<=33	Pass
		Edge 1RB Right	12.53	/	/	14.08	/	/	<=33	Pass
		Outer_Full	10.85	/	/	12.40	/	/	<=33	Pass
		Inner_Full	10.36	/	/	11.91	/	/	<=33	Pass

		Inner_1RB_Left	11.80	/	/	13.35	/	/	<=33	Pass
		Inner_1RB_Right	12.55	/	/	14.10	/	/	<=33	Pass
	1880	Edge_1RB_Left	13.75	/	/	15.30	/	/	<=33	Pass
		Edge_1RB_Right	16.24	/	/	17.79	/	/	<=33	Pass
		Outer_Full	14.46	/	/	16.01	/	/	<=33	Pass
		Inner_Full	14.14	/	/	15.69	/	/	<=33	Pass
		Inner_1RB_Left	13.64	/	/	15.19	/	/	<=33	Pass
		Inner_1RB_Right	16.24	/	/	17.79	/	/	<=33	Pass
	1900	Edge_1RB_Left	15.88	/	/	17.43	/	/	<=33	Pass
		Edge_1RB_Right	17.79	/	/	19.34	/	/	<=33	Pass
		Outer_Full	15.97	/	/	17.52	/	/	<=33	Pass
		Inner_Full	15.54	/	/	17.09	/	/	<=33	Pass
		Inner_1RB_Left	15.77	/	/	17.32	/	/	<=33	Pass
		Inner_1RB_Right	17.82	/	/	19.37	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	13.23	/	/	14.78	/	/	<=33	Pass
		Edge_1RB_Right	13.94	/	/	15.49	/	/	<=33	Pass
		Outer_Full	12.47	/	/	14.02	/	/	<=33	Pass
		Inner_Full	12.78	/	/	14.33	/	/	<=33	Pass
		Inner_1RB_Left	13.69	/	/	15.24	/	/	<=33	Pass
		Inner_1RB_Right	14.66	/	/	16.21	/	/	<=33	Pass
	1880	Edge_1RB_Left	15.40	/	/	16.95	/	/	<=33	Pass
		Edge_1RB_Right	17.80	/	/	19.35	/	/	<=33	Pass
		Outer_Full	16.14	/	/	17.69	/	/	<=33	Pass
		Inner_Full	16.49	/	/	18.04	/	/	<=33	Pass
		Inner_1RB_Left	16.01	/	/	17.56	/	/	<=33	Pass
		Inner_1RB_Right	18.38	/	/	19.93	/	/	<=33	Pass
	1900	Edge_1RB_Left	17.50	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	19.40	/	/	20.95	/	/	<=33	Pass
		Outer_Full	17.83	/	/	19.38	/	/	<=33	Pass
		Inner_Full	18.13	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	18.13	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	20.05	/	/	21.60	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	12.98	/	/	14.53	/	/	<=33	Pass
		Edge_1RB_Right	13.62	/	/	15.17	/	/	<=33	Pass
		Outer_Full	11.99	/	/	13.54	/	/	<=33	Pass
		Inner_Full	11.96	/	/	13.51	/	/	<=33	Pass
		Inner_1RB_Left	13.25	/	/	14.80	/	/	<=33	Pass
		Inner_1RB_Right	14.09	/	/	15.64	/	/	<=33	Pass
	1880	Edge_1RB_Left	15.07	/	/	16.62	/	/	<=33	Pass
		Edge_1RB_Right	17.42	/	/	18.97	/	/	<=33	Pass
		Outer_Full	15.65	/	/	17.20	/	/	<=33	Pass
		Inner_Full	15.71	/	/	17.26	/	/	<=33	Pass
		Inner_1RB_Left	15.39	/	/	16.94	/	/	<=33	Pass
		Inner_1RB_Right	17.84	/	/	19.39	/	/	<=33	Pass
	1900	Edge_1RB_Left	17.14	/	/	18.69	/	/	<=33	Pass
		Edge_1RB_Right	19.15	/	/	20.70	/	/	<=33	Pass
		Outer_Full	17.27	/	/	18.82	/	/	<=33	Pass
		Inner_Full	17.28	/	/	18.83	/	/	<=33	Pass
		Inner_1RB_Left	17.42	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Right	19.37	/	/	20.92	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	12.48	/	/	14.03	/	/	<=33	Pass
		Edge_1RB_Right	13.28	/	/	14.83	/	/	<=33	Pass
		Outer_Full	11.44	/	/	12.99	/	/	<=33	Pass
		Inner_Full	11.95	/	/	13.50	/	/	<=33	Pass
		Inner_1RB_Left	13.43	/	/	14.98	/	/	<=33	Pass
		Inner_1RB_Right	14.11	/	/	15.66	/	/	<=33	Pass
	1880	Edge_1RB_Left	14.42	/	/	15.97	/	/	<=33	Pass
		Edge_1RB_Right	16.74	/	/	18.29	/	/	<=33	Pass
		Outer_Full	15.04	/	/	16.59	/	/	<=33	Pass

		Inner_Full	15.70	/	/	17.25	/	/	<=33	Pass
		Inner_1RB_Left	15.48	/	/	17.03	/	/	<=33	Pass
		Inner_1RB_Right	17.93	/	/	19.48	/	/	<=33	Pass
	1900	Edge_1RB_Left	16.48	/	/	18.03	/	/	<=33	Pass
		Edge_1RB_Right	18.41	/	/	19.96	/	/	<=33	Pass
		Outer_Full	16.65	/	/	18.20	/	/	<=33	Pass
		Inner_Full	17.28	/	/	18.83	/	/	<=33	Pass
		Inner_1RB_Left	17.55	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Right	19.41	/	/	20.96	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge_1RB_Left	9.86	/	/	11.41	/	/	<=33	Pass
		Edge_1RB_Right	10.36	/	/	11.91	/	/	<=33	Pass
		Outer_Full	8.78	/	/	10.33	/	/	<=33	Pass
		Inner_Full	8.23	/	/	9.78	/	/	<=33	Pass
		Inner_1RB_Left	9.58	/	/	11.13	/	/	<=33	Pass
		Inner_1RB_Right	10.29	/	/	11.84	/	/	<=33	Pass
	1880	Edge_1RB_Left	11.80	/	/	13.35	/	/	<=33	Pass
		Edge_1RB_Right	14.29	/	/	15.84	/	/	<=33	Pass
		Outer_Full	12.60	/	/	14.15	/	/	<=33	Pass
		Inner_Full	12.15	/	/	13.70	/	/	<=33	Pass
		Inner_1RB_Left	11.66	/	/	13.21	/	/	<=33	Pass
		Inner_1RB_Right	14.22	/	/	15.77	/	/	<=33	Pass
	1900	Edge_1RB_Left	13.89	/	/	15.44	/	/	<=33	Pass
		Edge_1RB_Right	15.87	/	/	17.42	/	/	<=33	Pass
		Outer_Full	14.15	/	/	15.70	/	/	<=33	Pass
		Inner_Full	13.50	/	/	15.05	/	/	<=33	Pass
		Inner_1RB_Left	13.77	/	/	15.32	/	/	<=33	Pass
		Inner_1RB_Right	15.80	/	/	17.35	/	/	<=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	20.50	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	19.59	/	/	21.14	/	/	<=33	Pass
		Outer_Full	20.00	/	/	21.55	/	/	<=33	Pass
		Inner_Full	19.88	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Left	20.51	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Right	19.99	/	/	21.54	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.93	/	/	21.48	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	21.38	/	/	<=33	Pass
		Outer_Full	19.90	/	/	21.45	/	/	<=33	Pass
		Inner_Full	20.14	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Left	20.15	/	/	21.70	/	/	<=33	Pass
		Inner_1RB_Right	20.27	/	/	21.82	/	/	<=33	Pass
	1905	Edge_1RB_Left	19.81	/	/	21.36	/	/	<=33	Pass
		Edge_1RB_Right	19.72	/	/	21.27	/	/	<=33	Pass
		Outer_Full	19.82	/	/	21.37	/	/	<=33	Pass
		Inner_Full	20.27	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Left	20.05	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	21.87	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Edge_1RB_Left	19.19	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	18.32	/	/	19.87	/	/	<=33	Pass
		Outer_Full	18.26	/	/	19.81	/	/	<=33	Pass
		Inner_Full	18.60	/	/	20.15	/	/	<=33	Pass

		Inner_1RB_Left	19.31	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	18.82	/	/	20.37	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.78	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	18.69	/	/	20.24	/	/	<=33	Pass
		Outer_Full	18.57	/	/	20.12	/	/	<=33	Pass
		Inner_Full	18.93	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Left	18.93	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Right	19.11	/	/	20.66	/	/	<=33	Pass
	1905	Edge_1RB_Left	18.77	/	/	20.32	/	/	<=33	Pass
		Edge_1RB_Right	18.66	/	/	20.21	/	/	<=33	Pass
		Outer_Full	18.57	/	/	20.12	/	/	<=33	Pass
		Inner_Full	18.99	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Left	18.97	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Right	19.10	/	/	20.65	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Edge_1RB_Left	18.36	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	17.38	/	/	18.93	/	/	<=33	Pass
		Outer_Full	17.53	/	/	19.08	/	/	<=33	Pass
		Inner_Full	17.34	/	/	18.89	/	/	<=33	Pass
		Inner_1RB_Left	18.09	/	/	19.64	/	/	<=33	Pass
		Inner_1RB_Right	17.48	/	/	19.03	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.13	/	/	19.68	/	/	<=33	Pass
		Edge_1RB_Right	18.07	/	/	19.62	/	/	<=33	Pass
		Outer_Full	17.92	/	/	19.47	/	/	<=33	Pass
		Inner_Full	17.88	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Left	17.95	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Right	18.17	/	/	19.72	/	/	<=33	Pass
	1905	Edge_1RB_Left	18.08	/	/	19.63	/	/	<=33	Pass
		Edge_1RB_Right	17.98	/	/	19.53	/	/	<=33	Pass
		Outer_Full	17.86	/	/	19.41	/	/	<=33	Pass
		Inner_Full	17.84	/	/	19.39	/	/	<=33	Pass
		Inner_1RB_Left	17.92	/	/	19.47	/	/	<=33	Pass
		Inner_1RB_Right	18.03	/	/	19.58	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Edge_1RB_Left	16.61	/	/	18.16	/	/	<=33	Pass
		Edge_1RB_Right	15.74	/	/	17.29	/	/	<=33	Pass
		Outer_Full	15.89	/	/	17.44	/	/	<=33	Pass
		Inner_Full	15.72	/	/	17.27	/	/	<=33	Pass
		Inner_1RB_Left	16.30	/	/	17.85	/	/	<=33	Pass
		Inner_1RB_Right	15.83	/	/	17.38	/	/	<=33	Pass
	1880	Edge_1RB_Left	16.44	/	/	17.99	/	/	<=33	Pass
		Edge_1RB_Right	16.42	/	/	17.97	/	/	<=33	Pass
		Outer_Full	16.38	/	/	17.93	/	/	<=33	Pass
		Inner_Full	16.33	/	/	17.88	/	/	<=33	Pass
		Inner_1RB_Left	16.26	/	/	17.81	/	/	<=33	Pass
		Inner_1RB_Right	16.49	/	/	18.04	/	/	<=33	Pass
	1905	Edge_1RB_Left	16.31	/	/	17.86	/	/	<=33	Pass
		Edge_1RB_Right	16.24	/	/	17.79	/	/	<=33	Pass
		Outer_Full	16.20	/	/	17.75	/	/	<=33	Pass
		Inner_Full	16.21	/	/	17.76	/	/	<=33	Pass
		Inner_1RB_Left	16.14	/	/	17.69	/	/	<=33	Pass
		Inner_1RB_Right	16.27	/	/	17.82	/	/	<=33	Pass
CP-OFDM QPSK	1855	Edge_1RB_Left	18.03	/	/	19.58	/	/	<=33	Pass
		Edge_1RB_Right	17.21	/	/	18.76	/	/	<=33	Pass
		Outer_Full	17.48	/	/	19.03	/	/	<=33	Pass
		Inner_Full	18.14	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Left	18.56	/	/	20.11	/	/	<=33	Pass
		Inner_1RB_Right	18.22	/	/	19.77	/	/	<=33	Pass
	1880	Edge_1RB_Left	17.89	/	/	19.44	/	/	<=33	Pass
		Edge_1RB_Right	17.72	/	/	19.27	/	/	<=33	Pass
		Outer_Full	17.80	/	/	19.35	/	/	<=33	Pass

		Inner_Full	18.55	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	18.31	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Right	18.39	/	/	19.94	/	/	<=33	Pass
	1905	Edge_1RB_Left	17.96	/	/	19.51	/	/	<=33	Pass
		Edge_1RB_Right	17.76	/	/	19.31	/	/	<=33	Pass
		Outer_Full	17.93	/	/	19.48	/	/	<=33	Pass
		Inner_Full	18.51	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Left	18.45	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Right	18.44	/	/	19.99	/	/	<=33	Pass
		Edge_1RB_Left	17.82	/	/	19.37	/	/	<=33	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Right	17.02	/	/	18.57	/	/	<=33	Pass
		Outer_Full	17.01	/	/	18.56	/	/	<=33	Pass
		Inner_Full	17.33	/	/	18.88	/	/	<=33	Pass
		Inner_1RB_Left	17.96	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Right	17.57	/	/	19.12	/	/	<=33	Pass
		Edge_1RB_Left	17.77	/	/	19.32	/	/	<=33	Pass
	1880	Edge_1RB_Right	17.47	/	/	19.02	/	/	<=33	Pass
		Outer_Full	17.48	/	/	19.03	/	/	<=33	Pass
		Inner_Full	17.88	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Left	17.86	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Right	18.14	/	/	19.69	/	/	<=33	Pass
		Edge_1RB_Left	17.66	/	/	19.21	/	/	<=33	Pass
	1905	Edge_1RB_Right	17.50	/	/	19.05	/	/	<=33	Pass
		Outer_Full	17.40	/	/	18.95	/	/	<=33	Pass
		Inner_Full	17.84	/	/	19.39	/	/	<=33	Pass
		Inner_1RB_Left	17.95	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Right	17.98	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Left	17.29	/	/	18.84	/	/	<=33	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Right	16.46	/	/	18.01	/	/	<=33	Pass
		Outer_Full	16.38	/	/	17.93	/	/	<=33	Pass
		Inner_Full	17.30	/	/	18.85	/	/	<=33	Pass
		Inner_1RB_Left	18.09	/	/	19.64	/	/	<=33	Pass
		Inner_1RB_Right	17.66	/	/	19.21	/	/	<=33	Pass
		Edge_1RB_Left	17.23	/	/	18.78	/	/	<=33	Pass
	1880	Edge_1RB_Right	17.12	/	/	18.67	/	/	<=33	Pass
		Outer_Full	16.81	/	/	18.36	/	/	<=33	Pass
		Inner_Full	17.88	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Left	18.14	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Right	18.22	/	/	19.77	/	/	<=33	Pass
		Edge_1RB_Left	17.00	/	/	18.55	/	/	<=33	Pass
	1905	Edge_1RB_Right	16.93	/	/	18.48	/	/	<=33	Pass
		Outer_Full	16.65	/	/	18.20	/	/	<=33	Pass
		Inner_Full	17.86	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Left	18.11	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	18.14	/	/	19.69	/	/	<=33	Pass
		Edge_1RB_Left	14.65	/	/	16.20	/	/	<=33	Pass
CP-OFDM 256 QAM	1855	Edge_1RB_Right	13.79	/	/	15.34	/	/	<=33	Pass
		Outer_Full	13.83	/	/	15.38	/	/	<=33	Pass
		Inner_Full	13.71	/	/	15.26	/	/	<=33	Pass
		Inner_1RB_Left	14.40	/	/	15.95	/	/	<=33	Pass
		Inner_1RB_Right	13.94	/	/	15.49	/	/	<=33	Pass
		Edge_1RB_Left	14.30	/	/	15.85	/	/	<=33	Pass
	1880	Edge_1RB_Right	14.24	/	/	15.79	/	/	<=33	Pass
		Outer_Full	14.07	/	/	15.62	/	/	<=33	Pass
		Inner_Full	14.09	/	/	15.64	/	/	<=33	Pass
		Inner_1RB_Left	14.14	/	/	15.69	/	/	<=33	Pass
		Inner_1RB_Right	14.37	/	/	15.92	/	/	<=33	Pass
	1905	Edge_1RB_Left	14.42	/	/	15.97	/	/	<=33	Pass
		Edge_1RB_Right	14.36	/	/	15.91	/	/	<=33	Pass

		Outer_Full	14.22	/	/	15.77	/	/	<=33	Pass
		Inner_Full	14.23	/	/	15.78	/	/	<=33	Pass
		Inner_1RB_Left	14.29	/	/	15.84	/	/	<=33	Pass
		Inner_1RB_Right	14.39	/	/	15.94	/	/	<=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	19.76	/	/	21.31	/	/	<=33	Pass
		Edge_1RB_Right	19.07	/	/	20.62	/	/	<=33	Pass
		Outer_Full	18.89	/	/	20.44	/	/	<=33	Pass
		Inner_Full	18.75	/	/	20.30	/	/	<=33	Pass
		Inner_1RB_Left	19.94	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Right	19.39	/	/	20.94	/	/	<=33	Pass
	1880	Edge_1RB_Left	19.69	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Right	20.01	/	/	21.56	/	/	<=33	Pass
		Outer_Full	19.61	/	/	21.16	/	/	<=33	Pass
		Inner_Full	19.80	/	/	21.35	/	/	<=33	Pass
		Inner_1RB_Left	20.08	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	21.79	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	19.64	/	/	21.19	/	/	<=33	Pass
		Edge_1RB_Right	20.11	/	/	21.66	/	/	<=33	Pass
		Outer_Full	19.64	/	/	21.19	/	/	<=33	Pass
		Inner_Full	19.75	/	/	21.30	/	/	<=33	Pass
		Inner_1RB_Left	20.00	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	21.87	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Edge_1RB_Left	18.60	/	/	20.15	/	/	<=33	Pass
		Edge_1RB_Right	17.98	/	/	19.53	/	/	<=33	Pass
		Outer_Full	17.51	/	/	19.06	/	/	<=33	Pass
		Inner_Full	17.64	/	/	19.19	/	/	<=33	Pass
		Inner_1RB_Left	18.80	/	/	20.35	/	/	<=33	Pass
		Inner_1RB_Right	18.53	/	/	20.08	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.67	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Right	18.99	/	/	20.54	/	/	<=33	Pass
		Outer_Full	18.45	/	/	20.00	/	/	<=33	Pass
		Inner_Full	18.73	/	/	20.28	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	20.64	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	20.79	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	18.53	/	/	20.08	/	/	<=33	Pass
		Edge_1RB_Right	19.05	/	/	20.60	/	/	<=33	Pass
		Outer_Full	18.38	/	/	19.93	/	/	<=33	Pass
		Inner_Full	18.76	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Left	19.07	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Right	19.33	/	/	20.88	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Edge_1RB_Left	17.88	/	/	19.43	/	/	<=33	Pass
		Edge_1RB_Right	17.29	/	/	18.84	/	/	<=33	Pass
		Outer_Full	16.78	/	/	18.33	/	/	<=33	Pass
		Inner_Full	16.50	/	/	18.05	/	/	<=33	Pass
		Inner_1RB_Left	17.70	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Right	17.22	/	/	18.77	/	/	<=33	Pass
	1880	Edge_1RB_Left	17.96	/	/	19.51	/	/	<=33	Pass
		Edge_1RB_Right	18.27	/	/	19.82	/	/	<=33	Pass
		Outer_Full	17.71	/	/	19.26	/	/	<=33	Pass

		Inner_Full	17.59	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Left	17.92	/	/	19.47	/	/	<=33	Pass
		Inner_1RB_Right	18.15	/	/	19.70	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	17.84	/	/	19.39	/	/	<=33	Pass
		Edge_1RB_Right	18.31	/	/	19.86	/	/	<=33	Pass
		Outer_Full	17.63	/	/	19.18	/	/	<=33	Pass
		Inner_Full	17.50	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Left	17.78	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Right	18.15	/	/	19.70	/	/	<=33	Pass
		Edge_1RB_Left	16.25	/	/	17.80	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Edge_1RB_Right	15.53	/	/	17.08	/	/	<=33	Pass
		Outer_Full	15.23	/	/	16.78	/	/	<=33	Pass
		Inner_Full	14.87	/	/	16.42	/	/	<=33	Pass
		Inner_1RB_Left	16.03	/	/	17.58	/	/	<=33	Pass
		Inner_1RB_Right	15.52	/	/	17.07	/	/	<=33	Pass
		Edge_1RB_Left	16.19	/	/	17.74	/	/	<=33	Pass
	1880	Edge_1RB_Right	16.59	/	/	18.14	/	/	<=33	Pass
		Outer_Full	16.08	/	/	17.63	/	/	<=33	Pass
		Inner_Full	15.99	/	/	17.54	/	/	<=33	Pass
		Inner_1RB_Left	16.18	/	/	17.73	/	/	<=33	Pass
		Inner_1RB_Right	16.41	/	/	17.96	/	/	<=33	Pass
		Edge_1RB_Left	16.27	/	/	17.82	/	/	<=33	Pass
	1902.5	Edge_1RB_Right	16.82	/	/	18.37	/	/	<=33	Pass
		Outer_Full	16.09	/	/	17.64	/	/	<=33	Pass
		Inner_Full	15.82	/	/	17.37	/	/	<=33	Pass
		Inner_1RB_Left	16.22	/	/	17.77	/	/	<=33	Pass
		Inner_1RB_Right	16.64	/	/	18.19	/	/	<=33	Pass
		Edge_1RB_Left	17.59	/	/	19.14	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Right	17.05	/	/	18.60	/	/	<=33	Pass
		Outer_Full	16.83	/	/	18.38	/	/	<=33	Pass
		Inner_Full	17.39	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Left	18.35	/	/	19.90	/	/	<=33	Pass
		Inner_1RB_Right	17.93	/	/	19.48	/	/	<=33	Pass
		Edge_1RB_Left	17.76	/	/	19.31	/	/	<=33	Pass
	1880	Edge_1RB_Right	18.03	/	/	19.58	/	/	<=33	Pass
		Outer_Full	17.72	/	/	19.27	/	/	<=33	Pass
		Inner_Full	18.20	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Left	18.45	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Right	18.53	/	/	20.08	/	/	<=33	Pass
		Edge_1RB_Left	17.60	/	/	19.15	/	/	<=33	Pass
	1902.5	Edge_1RB_Right	18.07	/	/	19.62	/	/	<=33	Pass
		Outer_Full	17.68	/	/	19.23	/	/	<=33	Pass
		Inner_Full	18.33	/	/	19.88	/	/	<=33	Pass
		Inner_1RB_Left	18.46	/	/	20.01	/	/	<=33	Pass
		Inner_1RB_Right	18.69	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Left	17.31	/	/	18.86	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Edge_1RB_Right	16.89	/	/	18.44	/	/	<=33	Pass
		Outer_Full	16.37	/	/	17.92	/	/	<=33	Pass
		Inner_Full	16.53	/	/	18.08	/	/	<=33	Pass
		Inner_1RB_Left	17.67	/	/	19.22	/	/	<=33	Pass
		Inner_1RB_Right	17.25	/	/	18.80	/	/	<=33	Pass
		Edge_1RB_Left	17.50	/	/	19.05	/	/	<=33	Pass
	1880	Edge_1RB_Right	17.80	/	/	19.35	/	/	<=33	Pass
		Outer_Full	17.22	/	/	18.77	/	/	<=33	Pass
		Inner_Full	17.54	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Left	17.93	/	/	19.48	/	/	<=33	Pass
		Inner_1RB_Right	18.04	/	/	19.59	/	/	<=33	Pass
	1902.5	Edge_1RB_Left	17.33	/	/	18.88	/	/	<=33	Pass
		Edge_1RB_Right	17.82	/	/	19.37	/	/	<=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 NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1860	Edge 1RB Left	20.10	/	/	21.65	/	/	<=33	Pass
		Edge 1RB Right	19.39	/	/	20.94	/	/	<=33	Pass
		Outer Full	18.98	/	/	20.53	/	/	<=33	Pass
		Inner Full	19.09	/	/	20.64	/	/	<=33	Pass
		Inner 1RB Left	20.36	/	/	21.91	/	/	<=33	Pass
		Inner 1RB Right	19.88	/	/	21.43	/	/	<=33	Pass
	1880	Edge 1RB Left	19.82	/	/	21.37	/	/	<=33	Pass
		Edge 1RB Right	20.67	/	/	22.22	/	/	<=33	Pass
		Outer Full	19.86	/	/	21.41	/	/	<=33	Pass

		Inner_Full	20.04	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Left	20.23	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	20.89	/	/	22.44	/	/	<=33	Pass
	1900	Edge_1RB_Left	20.02	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Right	20.65	/	/	22.20	/	/	<=33	Pass
		Outer_Full	19.69	/	/	21.24	/	/	<=33	Pass
		Inner_Full	19.58	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Left	20.39	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Right	20.84	/	/	22.39	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	18.99	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	18.34	/	/	19.89	/	/	<=33	Pass
		Outer_Full	17.65	/	/	19.20	/	/	<=33	Pass
		Inner_Full	17.78	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Left	19.35	/	/	20.90	/	/	<=33	Pass
		Inner_1RB_Right	18.63	/	/	20.18	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.90	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	19.64	/	/	21.19	/	/	<=33	Pass
		Outer_Full	18.75	/	/	20.30	/	/	<=33	Pass
		Inner_Full	18.94	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Left	19.34	/	/	20.89	/	/	<=33	Pass
		Inner_1RB_Right	19.90	/	/	21.45	/	/	<=33	Pass
	1900	Edge_1RB_Left	18.98	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	19.69	/	/	21.24	/	/	<=33	Pass
		Outer_Full	18.48	/	/	20.03	/	/	<=33	Pass
		Inner_Full	18.59	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Right	19.94	/	/	21.49	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	18.28	/	/	19.83	/	/	<=33	Pass
		Edge_1RB_Right	17.59	/	/	19.14	/	/	<=33	Pass
		Outer_Full	16.92	/	/	18.47	/	/	<=33	Pass
		Inner_Full	16.67	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Left	18.19	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Right	17.47	/	/	19.02	/	/	<=33	Pass
	1880	Edge_1RB_Left	18.13	/	/	19.68	/	/	<=33	Pass
		Edge_1RB_Right	18.86	/	/	20.41	/	/	<=33	Pass
		Outer_Full	17.94	/	/	19.49	/	/	<=33	Pass
		Inner_Full	17.76	/	/	19.31	/	/	<=33	Pass
		Inner_1RB_Left	18.14	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Right	18.76	/	/	20.31	/	/	<=33	Pass
	1900	Edge_1RB_Left	18.16	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	18.88	/	/	20.43	/	/	<=33	Pass
		Outer_Full	17.64	/	/	19.19	/	/	<=33	Pass
		Inner_Full	17.37	/	/	18.92	/	/	<=33	Pass
		Inner_1RB_Left	18.15	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Right	18.72	/	/	20.27	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	16.77	/	/	18.32	/	/	<=33	Pass
		Edge_1RB_Right	16.07	/	/	17.62	/	/	<=33	Pass
		Outer_Full	15.51	/	/	17.06	/	/	<=33	Pass
		Inner_Full	15.20	/	/	16.75	/	/	<=33	Pass
		Inner_1RB_Left	16.69	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Right	15.91	/	/	17.46	/	/	<=33	Pass
	1880	Edge_1RB_Left	16.53	/	/	18.08	/	/	<=33	Pass
		Edge_1RB_Right	17.30	/	/	18.85	/	/	<=33	Pass
		Outer_Full	16.46	/	/	18.01	/	/	<=33	Pass
		Inner_Full	16.09	/	/	17.64	/	/	<=33	Pass
		Inner_1RB_Left	16.56	/	/	18.11	/	/	<=33	Pass
		Inner_1RB_Right	17.17	/	/	18.72	/	/	<=33	Pass
	1900	Edge_1RB_Left	16.51	/	/	18.06	/	/	<=33	Pass
		Edge_1RB_Right	17.30	/	/	18.85	/	/	<=33	Pass

		Outer_Full	16.11	/	/	17.66	/	/	<=33	Pass
		Inner_Full	15.74	/	/	17.29	/	/	<=33	Pass
		Inner_1RB_Left	16.49	/	/	18.04	/	/	<=33	Pass
		Inner_1RB_Right	17.05	/	/	18.60	/	/	<=33	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	18.08	/	/	19.63	/	/	<=33	Pass
		Edge_1RB_Right	17.49	/	/	19.04	/	/	<=33	Pass
		Outer_Full	17.11	/	/	18.66	/	/	<=33	Pass
		Inner_Full	17.43	/	/	18.98	/	/	<=33	Pass
		Inner_1RB_Left	18.68	/	/	20.23	/	/	<=33	Pass
		Inner_1RB_Right	18.08	/	/	19.63	/	/	<=33	Pass
	1880	Edge_1RB_Left	17.94	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Right	18.54	/	/	20.09	/	/	<=33	Pass
		Outer_Full	17.92	/	/	19.47	/	/	<=33	Pass
		Inner_Full	18.40	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Left	18.66	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Right	19.12	/	/	20.67	/	/	<=33	Pass
	1900	Edge_1RB_Left	17.95	/	/	19.50	/	/	<=33	Pass
		Edge_1RB_Right	18.61	/	/	20.16	/	/	<=33	Pass
		Outer_Full	17.79	/	/	19.34	/	/	<=33	Pass
		Inner_Full	18.16	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Left	18.76	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Right	19.21	/	/	20.76	/	/	<=33	Pass
CP-OFDM 16 QAM	1860	Edge_1RB_Left	17.76	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	17.20	/	/	18.75	/	/	<=33	Pass
		Outer_Full	16.55	/	/	18.10	/	/	<=33	Pass
		Inner_Full	16.69	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Left	18.13	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	17.50	/	/	19.05	/	/	<=33	Pass
	1880	Edge_1RB_Left	17.68	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	18.32	/	/	19.87	/	/	<=33	Pass
		Outer_Full	17.47	/	/	19.02	/	/	<=33	Pass
		Inner_Full	17.62	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Left	18.13	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	18.64	/	/	20.19	/	/	<=33	Pass
	1900	Edge_1RB_Left	17.67	/	/	19.22	/	/	<=33	Pass
		Edge_1RB_Right	18.31	/	/	19.86	/	/	<=33	Pass
		Outer_Full	17.25	/	/	18.80	/	/	<=33	Pass
		Inner_Full	17.37	/	/	18.92	/	/	<=33	Pass
		Inner_1RB_Left	18.13	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	18.65	/	/	20.20	/	/	<=33	Pass
CP-OFDM 64 QAM	1860	Edge_1RB_Left	17.38	/	/	18.93	/	/	<=33	Pass
		Edge_1RB_Right	16.84	/	/	18.39	/	/	<=33	Pass
		Outer_Full	16.07	/	/	17.62	/	/	<=33	Pass
		Inner_Full	16.73	/	/	18.28	/	/	<=33	Pass
		Inner_1RB_Left	18.31	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Right	17.65	/	/	19.20	/	/	<=33	Pass
	1880	Edge_1RB_Left	17.15	/	/	18.70	/	/	<=33	Pass
		Edge_1RB_Right	17.83	/	/	19.38	/	/	<=33	Pass
		Outer_Full	16.79	/	/	18.34	/	/	<=33	Pass
		Inner_Full	17.66	/	/	19.21	/	/	<=33	Pass
		Inner_1RB_Left	18.30	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Right	18.79	/	/	20.34	/	/	<=33	Pass
	1900	Edge_1RB_Left	17.15	/	/	18.70	/	/	<=33	Pass
		Edge_1RB_Right	17.89	/	/	19.44	/	/	<=33	Pass
		Outer_Full	16.68	/	/	18.23	/	/	<=33	Pass
		Inner_Full	17.41	/	/	18.96	/	/	<=33	Pass
		Inner_1RB_Left	18.31	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Right	18.80	/	/	20.35	/	/	<=33	Pass
CP-OFDM 256 QAM	1860	Edge_1RB_Left	14.85	/	/	16.40	/	/	<=33	Pass

		Edge_1RB_Right	14.13	/	/	15.68	/	/	<=33	Pass
		Outer_Full	13.45	/	/	15.00	/	/	<=33	Pass
		Inner_Full	13.11	/	/	14.66	/	/	<=33	Pass
		Inner_1RB_Left	14.75	/	/	16.30	/	/	<=33	Pass
		Inner_1RB_Right	14.01	/	/	15.56	/	/	<=33	Pass
	1880	Edge_1RB_Left	14.23	/	/	15.78	/	/	<=33	Pass
		Edge_1RB_Right	15.06	/	/	16.61	/	/	<=33	Pass
		Outer_Full	14.12	/	/	15.67	/	/	<=33	Pass
		Inner_Full	13.90	/	/	15.45	/	/	<=33	Pass
		Inner_1RB_Left	14.31	/	/	15.86	/	/	<=33	Pass
		Inner_1RB_Right	14.89	/	/	16.44	/	/	<=33	Pass
	1900	Edge_1RB_Left	14.50	/	/	16.05	/	/	<=33	Pass
		Edge_1RB_Right	15.32	/	/	16.87	/	/	<=33	Pass
		Outer_Full	14.07	/	/	15.62	/	/	<=33	Pass
		Inner_Full	13.60	/	/	15.15	/	/	<=33	Pass
		Inner_1RB_Left	14.52	/	/	16.07	/	/	<=33	Pass
		Inner_1RB_Right	15.04	/	/	16.59	/	/	<=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	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-3.80	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	2.50	0.0013	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	2.20	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	1.50	0.0008	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass

			0	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.60	0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-0.80	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	50	NV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	LV	0.80	0.0004	≥ -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	-2.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.00	-0.0005	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	40	NV	2.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	LV	2.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.80	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.50	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	0.80	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.00	0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.50	0.0008	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	30	NV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.70	0.0009	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	NV	2.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	0.80	0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	LV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	1.70	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	10	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.70	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass

			40	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass

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	-4.80	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	1.00	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-2.40	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	1.60	0.0009	>=-2.5 & <=2.5	Pass
				HV	2.40	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
			0	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	1.80	0.0010	>=-2.5 & <=2.5	Pass
				HV	3.70	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0013	>=-2.5 & <=2.5	Pass

			0	NV	-1.00	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.70	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-0.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.00	0.0005	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	50	NV	-0.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.30	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	40	NV	-0.80	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-0.40	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.40	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	0.70	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	30	NV	-1.00	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.70	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-0.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			40	NV	0.60	0.0003	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-0.70	-0.0004	≥ -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	-4.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16	1880	Outer_Full	20	LV	-1.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass

QAM				HV	-2.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.40	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.60	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	50	NV	1.10	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-2.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	0.60	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.30	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.70	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.70	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.30	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.50	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	1.00	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	1.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.00	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	0.80	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	0.80	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.20	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.50	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.30	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	1.90	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	0.60	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	0.90	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-1.50	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.40	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.50	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	0.70	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.50	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-0.80	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-0.80	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	0.60	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.40	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-0.70	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.60	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.30	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-0.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	-1.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-0.70	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-0.60	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass

CP-OFDM 256 QAM	1880	Outer_Full	0	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	3.00	0.0016	>=-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	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			20	LV	0.90	0.0005	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	3.20	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	2.60	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-1.70	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-1.50	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	1.90	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	1.80	0.0010	>=-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	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-5.80	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	50	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			20	LV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	40	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0007	>=-2.5 & <=2.5	Pass
			20	LV	-3.60	-0.0019	>=-2.5 & <=2.5	Pass
				HV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-4.00	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256	1880	Outer_Full	30	NV	-3.00	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	1.40	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			20	LV	0.90	0.0005	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0015	>=-2.5 & <=2.5	Pass

QAM				HV	-2.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	1.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.00	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.30	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	0.50	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	1880	Outer_Full	50	NV	1.00	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	1.50	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-0.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.50	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.60	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.50	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-1.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.30	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.00	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.30	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.30	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	1.10	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-0.70	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.60	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.30	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	1.60	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	2.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.40	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	0.90	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.90	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	2.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	2.20	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.30	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.00	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.30	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	0.50	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.30	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.00	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass

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	-8.80	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-12.70	-0.0068	>=-2.5 & <=2.5	Pass
			-20	NV	-8.50	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-14.90	-0.0079	>=-2.5 & <=2.5	Pass
			0	NV	-12.20	-0.0065	>=-2.5 & <=2.5	Pass
			10	NV	-12.00	-0.0064	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0047	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-7.30	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-12.50	-0.0066	>=-2.5 & <=2.5	Pass
			-10	NV	-10.00	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-8.70	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-5.10	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-9.40	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0037	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-9.60	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-10.00	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-3.30	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	4.80	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	2.10	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-1.00	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	2.90	0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-3.70	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-4.80	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0057	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	3.40	0.0018	>=-2.5 & <=2.5	Pass

			-30	HV	-2.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-0.80	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	-4.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	HV	2.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-0.80	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.80	0.0004	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.70	0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	40	NV	3.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	LV	2.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	HV	-4.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.50	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.50	-0.0019	≥ -2.5 & ≤ 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	-8.40	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			20	HV	-7.20	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.40	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.60	-0.0067	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.70	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.40	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.90	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.10	-0.0038	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	40	NV	-7.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.40	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	HV	-7.80	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.40	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.40	-0.0045	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-5.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-3.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.40	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.40	-0.0023	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	3.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-4.40	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.20	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.30	0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	3.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-0.40	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.10	0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	-3.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass

				HV	-3.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.40	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.80	0.0015	≥ -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	-6.90	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				HV	-13.00	-0.0069	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.30	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.20	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.00	-0.0064	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.70	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.10	-0.0048	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.60	-0.0040	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full	20	LV	-9.60	-0.0051	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.40	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.40	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.00	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.40	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.00	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.10	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.40	-0.0061	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full	20	LV	-7.00	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.60	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.80	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.70	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.00	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full	20	LV	-2.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	3.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.50	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	1880	Outer_Full	20	LV	-2.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.60	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.00	0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1880	Outer_Full	20	LV	-5.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.20	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.40	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.30	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.20	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	1880	Outer_Full	20	LV	4.50	0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.70	-0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1880	Outer_Full	20	LV	-4.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.10	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.40	-0.0023	≥ -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	RB	Modulation Characteristics	Verdict

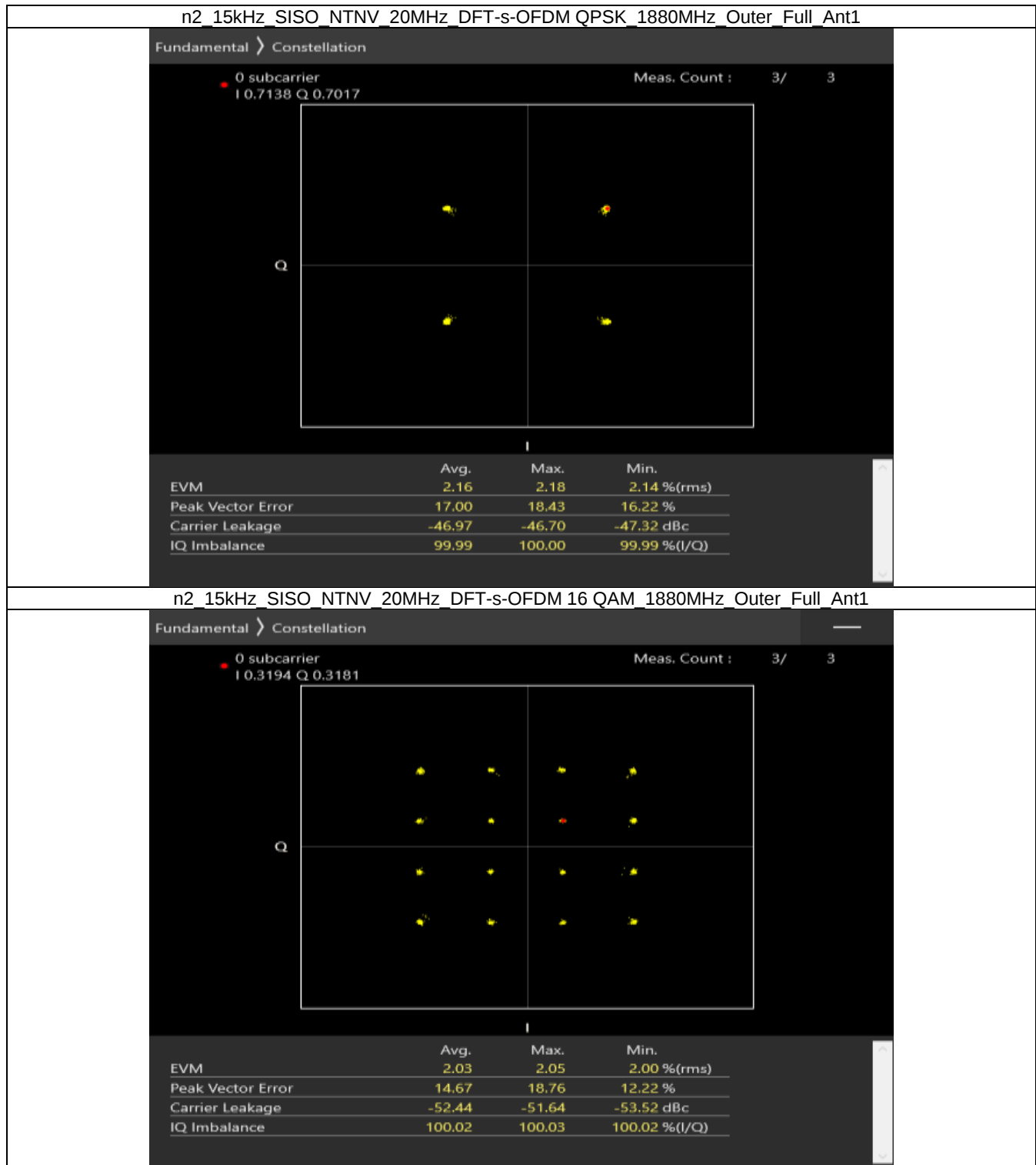
	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full			Refer To Test Graph		Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full			Refer To Test Graph		Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full			Refer To Test Graph		Pass
DFT-s-OFDM 256 QAM	1880	Outer_Full			Refer To Test Graph		Pass
CP-OFDM QPSK	1880	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

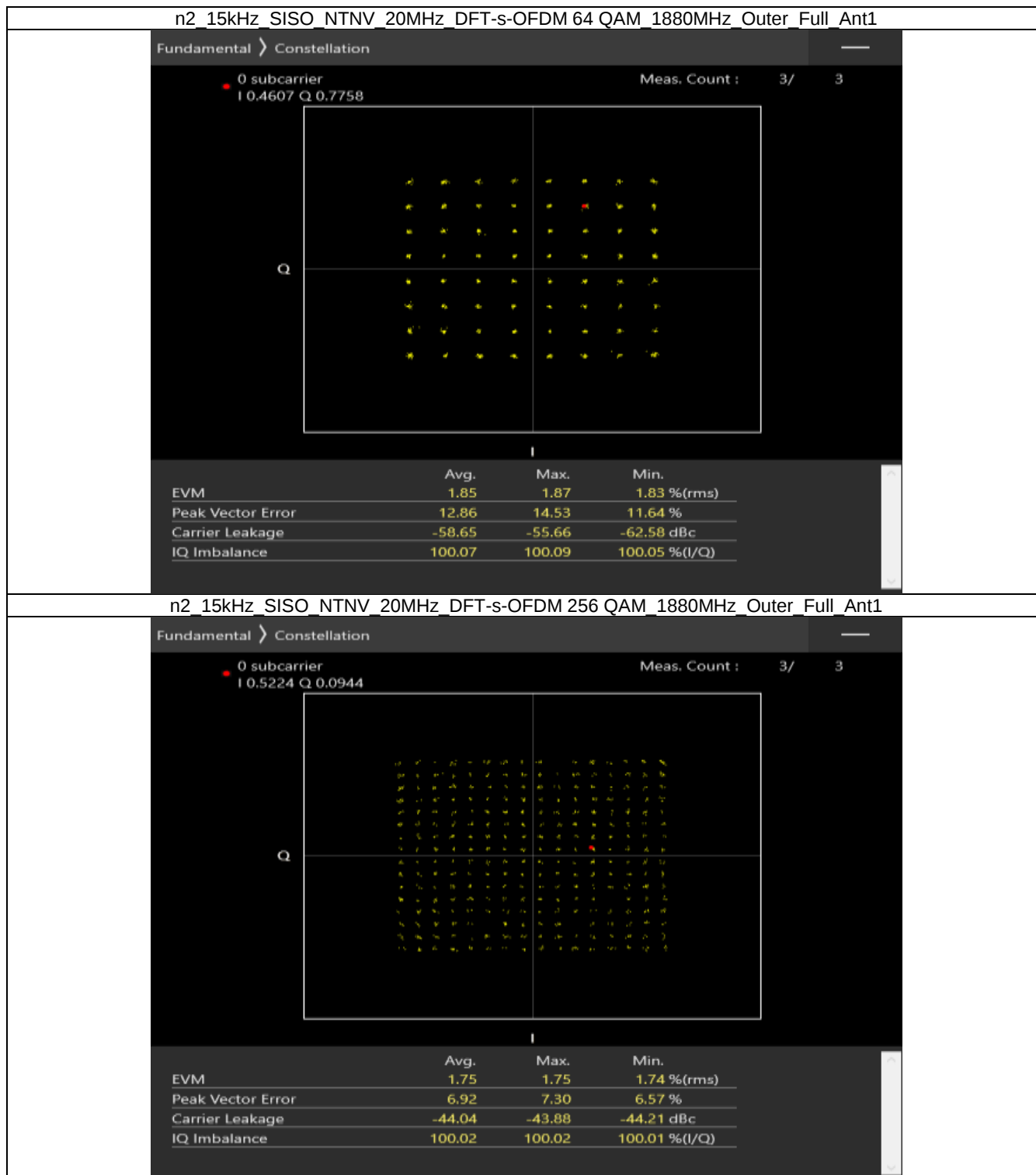
3.1.2 30k_SISO_20MHz_NTNV

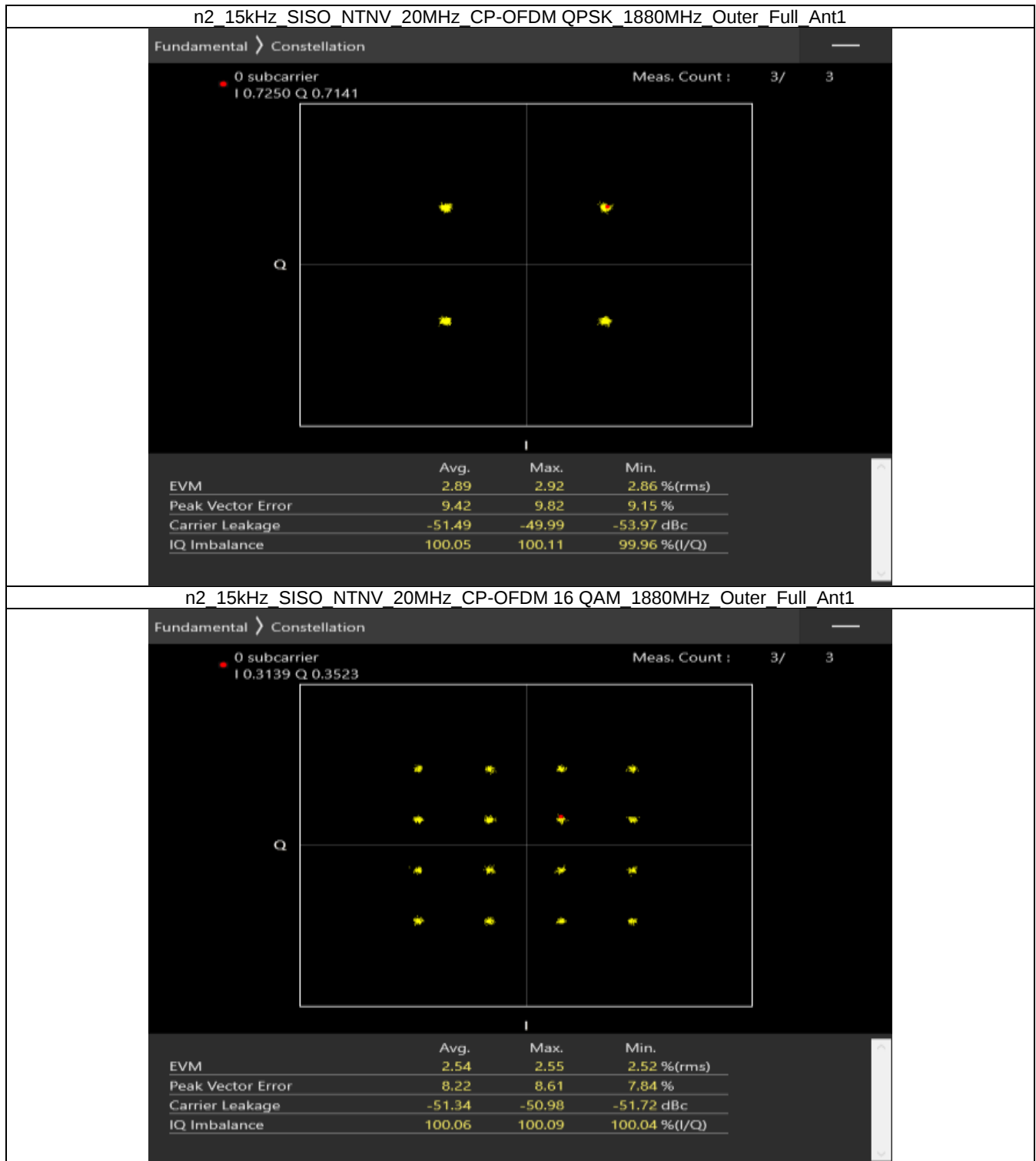
5G NR n2 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1880	Outer_Full			Refer To Test Graph		Pass
DFT-s-OFDM 16 QAM	1880	Outer_Full			Refer To Test Graph		Pass
DFT-s-OFDM 64 QAM	1880	Outer_Full			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_NTNV_20MHz_CP-OFDM_64_QAM_1880MHz_Outer_Full_Ant1

Fundamental > Constellation

0 subcarrier
I 0.4898 Q 0.4445

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	2.18	2.19	2.18 %(rms)
Peak Vector Error	7.64	8.98	6.78 %
Carrier Leakage	-51.39	-50.91	-51.91 dBc
IQ Imbalance	100.03	100.04	100.01 %(I/Q)

n2_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant1

Fundamental > Constellation

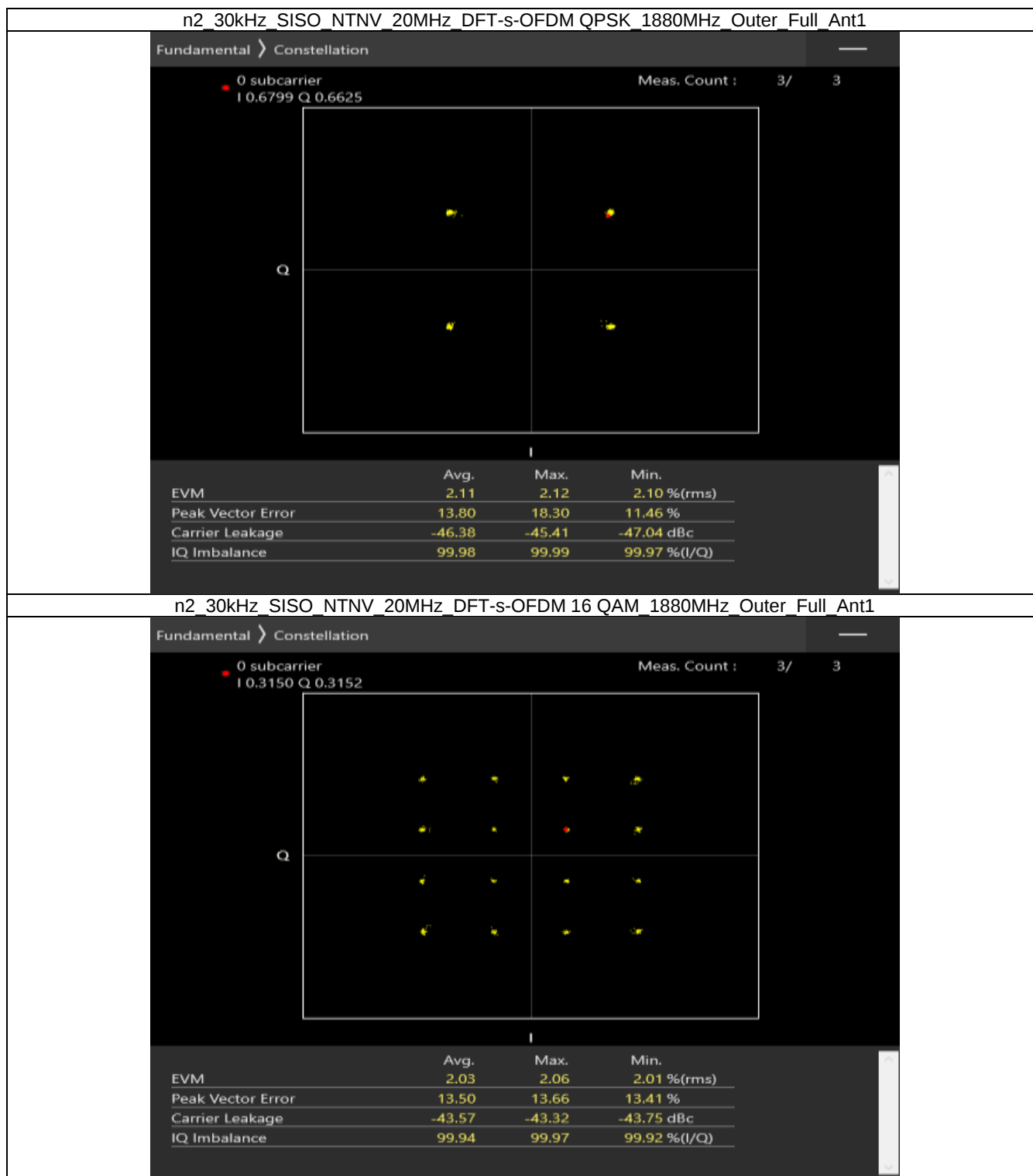
0 subcarrier
I 0.5239 Q 0.2296

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	2.01	2.02	1.99 %(rms)
Peak Vector Error	7.22	7.95	6.53 %
Carrier Leakage	-41.10	-40.69	-41.35 dBc
IQ Imbalance	100.06	100.07	100.04 %(I/Q)

3.2.2 30k_SISO_20MHz_NTNV



n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1880MHz_Outer_Full_Ant1

Fundamental > Constellation

0 subcarrier
I 0.4686 Q 0.4724

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.84	1.85	1.83 %(rms)
Peak Vector Error	10.36	12.15	9.34 %
Carrier Leakage	-46.87	-46.49	-47.37 dBc
IQ Imbalance	99.92	99.92	99.90 %(I/Q)

n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant1

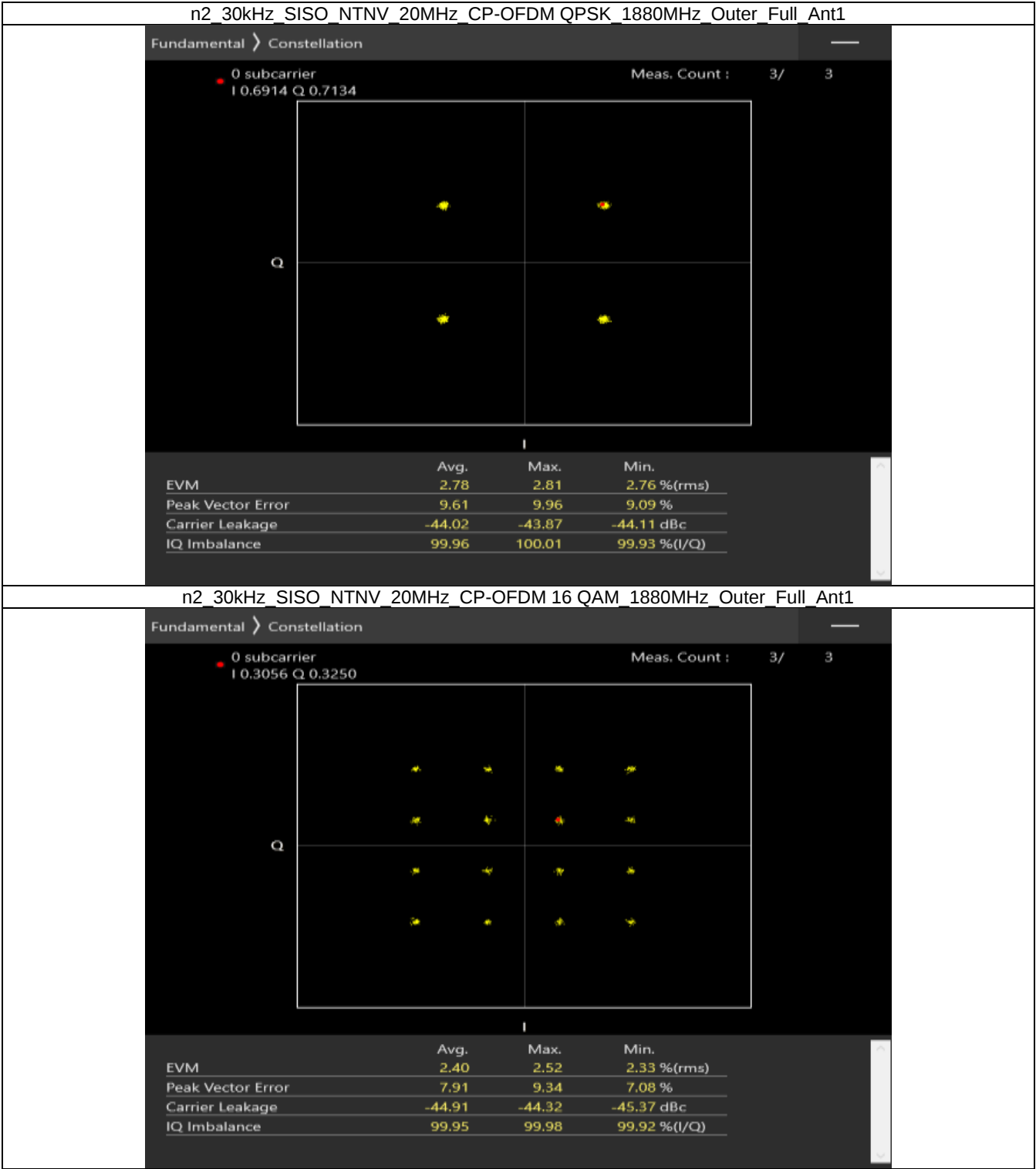
Fundamental > Constellation

0 subcarrier
I 0.5168 Q 0.5373

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.79	1.82	1.77 %(rms)
Peak Vector Error	6.64	7.19	6.12 %
Carrier Leakage	-57.48	-55.65	-60.34 dBc
IQ Imbalance	99.96	99.99	99.94 %(I/Q)



n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_1880MHz_Outer_Full_Ant1

Fundamental > Constellation

0 subcarrier
I 0.1644 Q 0.4658

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	2.03	2.11	1.99 %(rms)
Peak Vector Error	6.53	7.09	6.17 %
Carrier Leakage	-47.87	-47.40	-48.32 dBc
IQ Imbalance	99.98	100.01	99.96 %(I/Q)

n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant1

Fundamental > Constellation

0 subcarrier
I 0.5310 Q 0.5455

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	2.04	2.06	2.03 %(rms)
Peak Vector Error	7.00	7.23	6.59 %
Carrier Leakage	-50.37	-49.65	-50.99 dBc
IQ Imbalance	99.88	99.95	99.80 %(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	4.62	5.09	/	Pass
	1907.5	Outer_Full	4.62	5.06	/	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	4.57	5.07	/	Pass
	1880	Outer_Full	4.58	5.07	/	Pass
	1907.5	Outer_Full	4.57	5.07	/	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	4.56	5.04	/	Pass
	1880	Outer_Full	4.61	5.05	/	Pass
	1907.5	Outer_Full	4.58	5.05	/	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	4.54	5.04	/	Pass
	1880	Outer_Full	4.58	5.08	/	Pass
	1907.5	Outer_Full	4.57	5.07	/	Pass
CP-OFDM QPSK	1852.5	Outer_Full	4.56	5.03	/	Pass
	1880	Outer_Full	4.57	5.05	/	Pass
	1907.5	Outer_Full	4.56	5.05	/	Pass
CP-OFDM 16 QAM	1852.5	Outer_Full	4.56	5.04	/	Pass
	1880	Outer_Full	4.55	5.03	/	Pass
	1907.5	Outer_Full	4.55	5.00	/	Pass
CP-OFDM 64 QAM	1852.5	Outer_Full	4.57	5.07	/	Pass
	1880	Outer_Full	4.55	5.07	/	Pass
	1907.5	Outer_Full	4.55	5.06	/	Pass
CP-OFDM 256 QAM	1852.5	Outer_Full	4.54	5.04	/	Pass
	1880	Outer_Full	4.55	5.07	/	Pass
	1907.5	Outer_Full	4.56	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	9.96	/	Pass
	1880	Outer_Full	9.09	9.90	/	Pass
	1905	Outer_Full	9.10	9.86	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	9.07	9.96	/	Pass
	1880	Outer_Full	9.09	9.93	/	Pass
	1905	Outer_Full	9.08	9.93	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	9.07	9.89	/	Pass
	1880	Outer_Full	9.10	9.91	/	Pass
	1905	Outer_Full	9.10	9.97	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	9.05	9.97	/	Pass
	1880	Outer_Full	9.07	9.99	/	Pass
	1905	Outer_Full	9.07	10.03	/	Pass
CP-OFDM QPSK	1855	Outer_Full	9.39	10.15	/	Pass
	1880	Outer_Full	9.38	10.19	/	Pass

	1905	Outer_Full	9.41	10.13	/	Pass
CP-OFDM 16 QAM	1855	Outer_Full	9.40	10.14	/	Pass
	1880	Outer_Full	9.41	10.22	/	Pass
	1905	Outer_Full	9.42	10.19	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	9.40	10.16	/	Pass
	1880	Outer_Full	9.43	10.13	/	Pass
	1905	Outer_Full	9.44	10.16	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	9.39	10.13	/	Pass
	1880	Outer_Full	9.42	10.17	/	Pass
	1905	Outer_Full	9.43	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	13.59	14.87	/	Pass
	1880	Outer_Full	13.64	14.81	/	Pass
	1902.5	Outer_Full	13.63	14.81	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.60	14.74	/	Pass
	1880	Outer_Full	13.69	14.96	/	Pass
	1902.5	Outer_Full	13.69	15.00	/	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	13.61	14.85	/	Pass
	1880	Outer_Full	13.65	14.79	/	Pass
	1902.5	Outer_Full	13.63	14.86	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.66	14.91	/	Pass
	1880	Outer_Full	13.67	14.85	/	Pass
	1902.5	Outer_Full	13.67	14.93	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	14.25	15.29	/	Pass
	1880	Outer_Full	14.31	15.45	/	Pass
	1902.5	Outer_Full	14.31	15.41	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	14.30	15.32	/	Pass
	1880	Outer_Full	14.37	15.43	/	Pass
	1902.5	Outer_Full	14.37	15.38	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	14.30	15.45	/	Pass
	1880	Outer_Full	14.35	15.37	/	Pass
	1902.5	Outer_Full	14.35	15.44	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	14.30	15.43	/	Pass
	1880	Outer_Full	14.33	15.40	/	Pass
	1902.5	Outer_Full	14.34	15.47	/	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	18.09	19.61	/	Pass
	1880	Outer_Full	18.21	19.58	/	Pass
	1900	Outer_Full	18.11	19.57	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.08	19.56	/	Pass
	1880	Outer_Full	18.23	19.63	/	Pass
	1900	Outer_Full	18.12	19.62	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.10	19.60	/	Pass
	1880	Outer_Full	18.23	19.66	/	Pass
	1900	Outer_Full	18.18	19.64	/	Pass

DFT-s-OFDM 256 QAM	1860	Outer_Full	18.04	19.43	/	Pass
	1880	Outer_Full	18.19	19.67	/	Pass
	1900	Outer_Full	18.09	19.56	/	Pass
CP-OFDM QPSK	1860	Outer_Full	19.11	21.43	/	Pass
	1880	Outer_Full	19.27	21.34	/	Pass
	1900	Outer_Full	19.21	20.60	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	19.10	20.52	/	Pass
	1880	Outer_Full	19.23	20.58	/	Pass
	1900	Outer_Full	19.20	20.57	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	19.13	20.47	/	Pass
	1880	Outer_Full	19.28	20.51	/	Pass
	1900	Outer_Full	19.20	20.47	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	19.05	20.52	/	Pass
	1880	Outer_Full	19.18	20.60	/	Pass
	1900	Outer_Full	19.14	20.57	/	Pass

4.1.5 30k_SISO_10MHz_NTNV

5G NR n2 SCS=30kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1855	Outer_Full	8.81	10.01	/	Pass
	1880	Outer_Full	8.83	10.03	/	Pass
	1905	Outer_Full	8.82	10.03	/	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	8.76	9.95	/	Pass
	1880	Outer_Full	8.76	9.97	/	Pass
	1905	Outer_Full	8.77	9.96	/	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	8.76	9.92	/	Pass
	1880	Outer_Full	8.78	9.94	/	Pass
	1905	Outer_Full	8.82	9.91	/	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	8.75	9.95	/	Pass
	1880	Outer_Full	8.77	9.97	/	Pass
	1905	Outer_Full	8.80	9.99	/	Pass
CP-OFDM QPSK	1855	Outer_Full	8.82	9.99	/	Pass
	1880	Outer_Full	8.84	10.02	/	Pass
	1905	Outer_Full	8.83	9.98	/	Pass
CP-OFDM 16 QAM	1855	Outer_Full	8.76	9.98	/	Pass
	1880	Outer_Full	8.78	9.98	/	Pass
	1905	Outer_Full	8.81	10.87	/	Pass
CP-OFDM 64 QAM	1855	Outer_Full	8.74	9.94	/	Pass
	1880	Outer_Full	8.76	10.37	/	Pass
	1905	Outer_Full	8.77	10.01	/	Pass
CP-OFDM 256 QAM	1855	Outer_Full	8.78	9.96	/	Pass
	1880	Outer_Full	8.80	9.93	/	Pass
	1905	Outer_Full	8.83	9.93	/	Pass

4.1.6 30k_SISO_15MHz_NTNV

5G NR n2 SCS=30kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1857.5	Outer_Full	13.15	14.80	/	Pass
	1880	Outer_Full	13.32	14.93	/	Pass
	1902.5	Outer_Full	13.27	14.90	/	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	13.11	14.83	/	Pass

DFT-s-OFDM 64 QAM	1880	Outer_Full	13.15	14.84	/	Pass
	1902.5	Outer_Full	13.12	14.81	/	Pass
	1857.5	Outer_Full	13.27	14.90	/	Pass
	1880	Outer_Full	13.22	14.88	/	Pass
	1902.5	Outer_Full	13.19	14.78	/	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	13.07	14.71	/	Pass
	1880	Outer_Full	13.10	14.79	/	Pass
	1902.5	Outer_Full	13.08	14.69	/	Pass
CP-OFDM QPSK	1857.5	Outer_Full	13.76	15.18	/	Pass
	1880	Outer_Full	13.83	15.19	/	Pass
	1902.5	Outer_Full	13.81	15.18	/	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	13.80	15.21	/	Pass
	1880	Outer_Full	13.84	15.25	/	Pass
	1902.5	Outer_Full	13.90	15.22	/	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	13.88	15.21	/	Pass
	1880	Outer_Full	13.88	15.31	/	Pass
	1902.5	Outer_Full	13.88	15.23	/	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	13.81	15.14	/	Pass
	1880	Outer_Full	13.86	15.23	/	Pass
	1902.5	Outer_Full	13.82	15.28	/	Pass

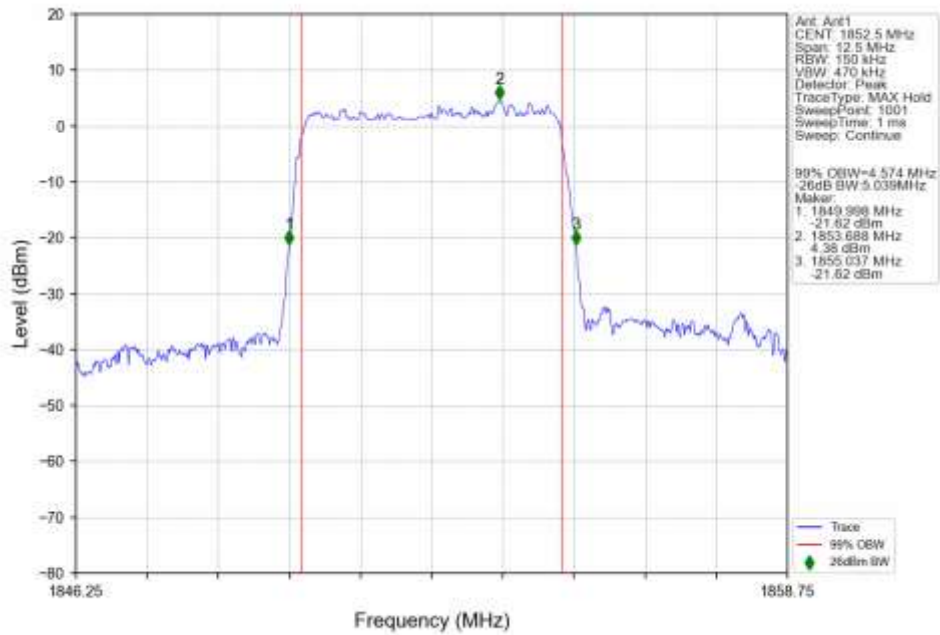
4.1.7 30k_SISO_20MHz_NTNV

5G NR n2 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	1860	Outer_Full	18.11	19.77	/	Pass
	1880	Outer_Full	18.25	19.96	/	Pass
	1900	Outer_Full	18.17	19.84	/	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	18.10	19.91	/	Pass
	1880	Outer_Full	18.25	20.01	/	Pass
	1900	Outer_Full	18.16	19.91	/	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	18.13	19.83	/	Pass
	1880	Outer_Full	18.27	19.89	/	Pass
	1900	Outer_Full	18.22	19.89	/	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.07	19.95	/	Pass
	1880	Outer_Full	18.16	19.87	/	Pass
	1900	Outer_Full	18.12	20.02	/	Pass
CP-OFDM QPSK	1860	Outer_Full	18.41	20.11	/	Pass
	1880	Outer_Full	18.55	20.21	/	Pass
	1900	Outer_Full	18.51	21.54	/	Pass
CP-OFDM 16 QAM	1860	Outer_Full	18.47	20.23	/	Pass
	1880	Outer_Full	18.59	20.13	/	Pass
	1900	Outer_Full	18.58	20.25	/	Pass
CP-OFDM 64 QAM	1860	Outer_Full	18.45	20.09	/	Pass
	1880	Outer_Full	18.60	20.32	/	Pass
	1900	Outer_Full	18.55	20.42	/	Pass
CP-OFDM 256 QAM	1860	Outer_Full	18.41	20.20	/	Pass
	1880	Outer_Full	18.59	20.26	/	Pass
	1900	Outer_Full	18.50	20.17	/	Pass

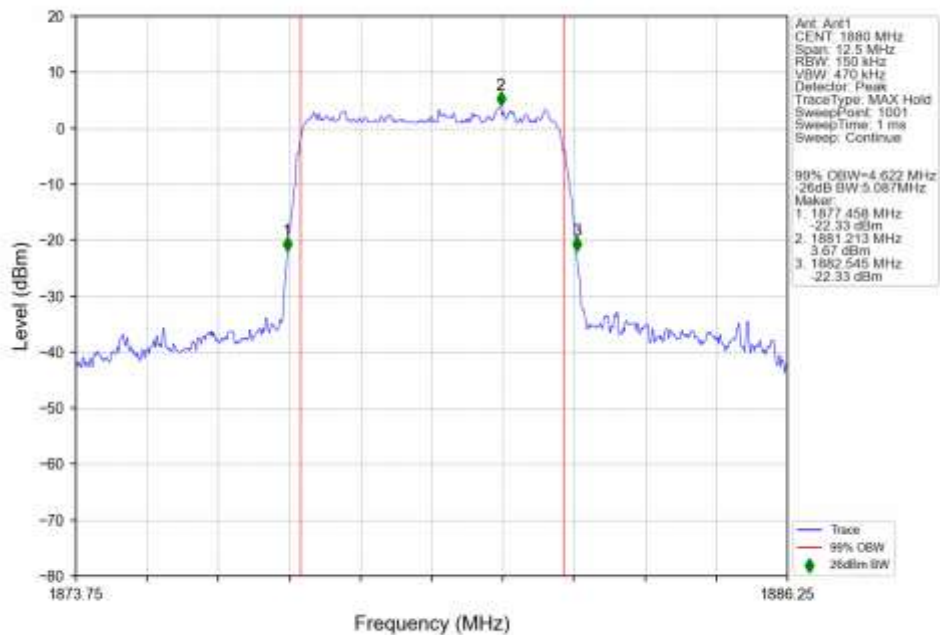
4.2 Test Graph

4.2.1 15k_SISO_5MHz_NTNV

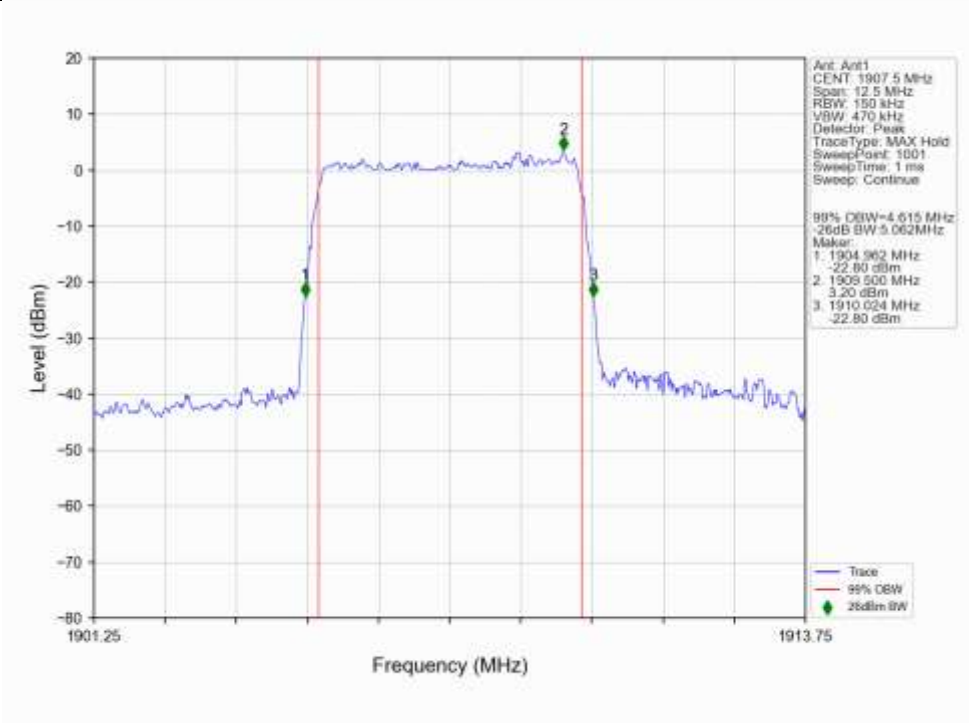
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1852.5MHz_Outer_Full_Ant1



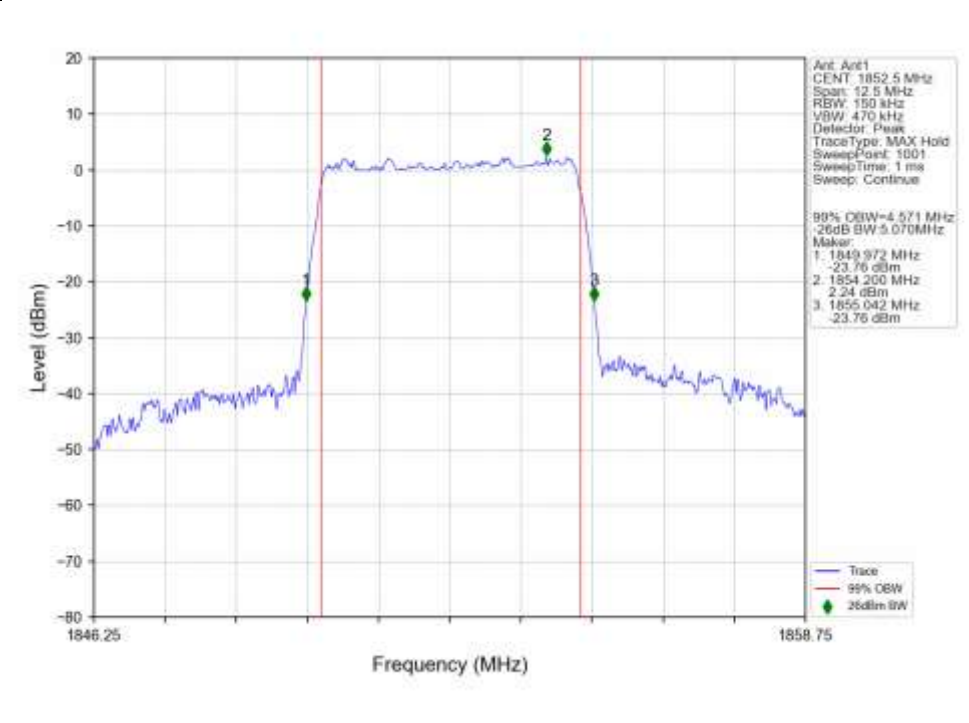
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1880MHz_Outer_Full_Ant1



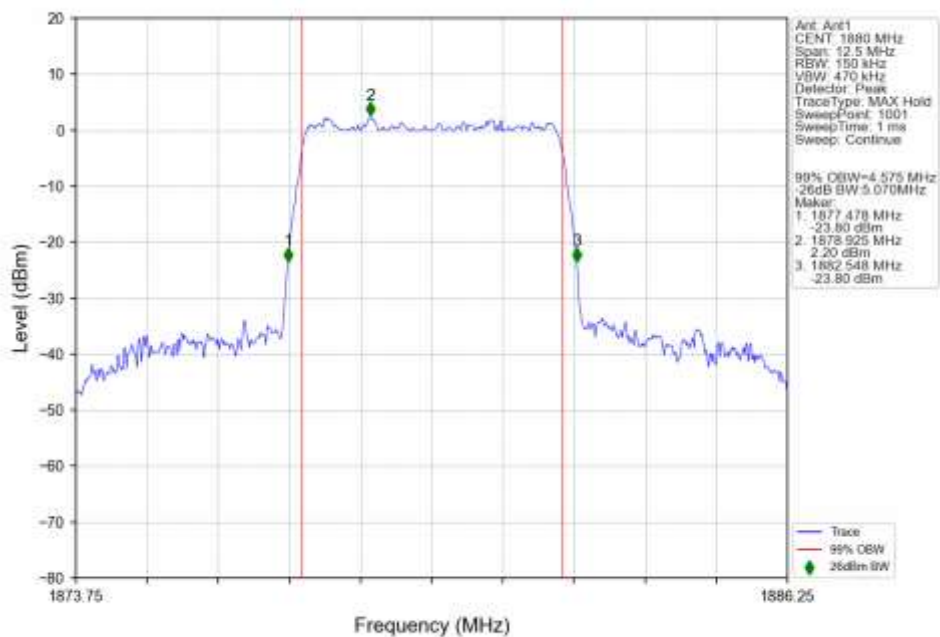
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1907.5MHz_Outer_Full_Ant1



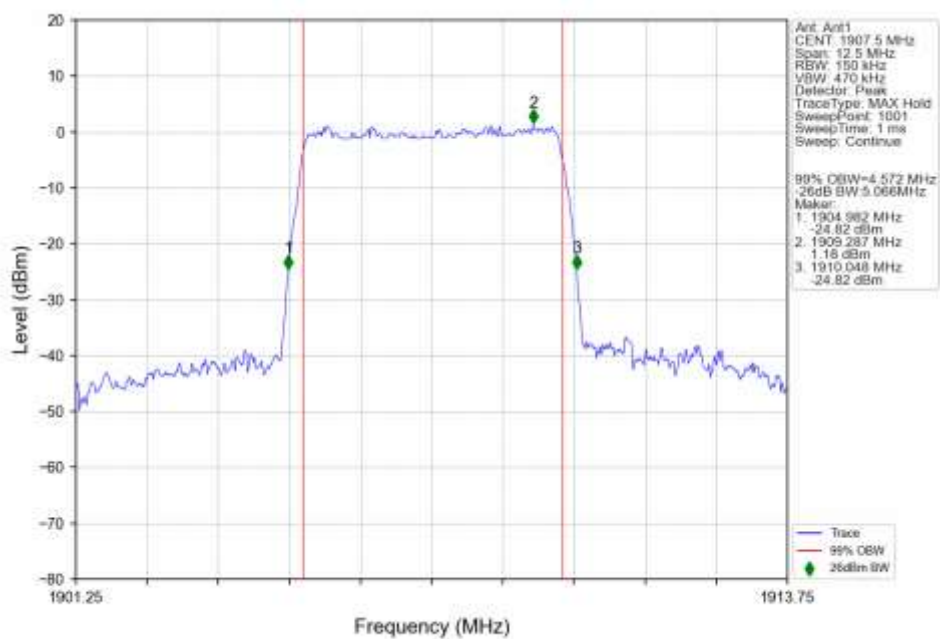
n2_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1852.5MHz_Outer_Full_Ant1



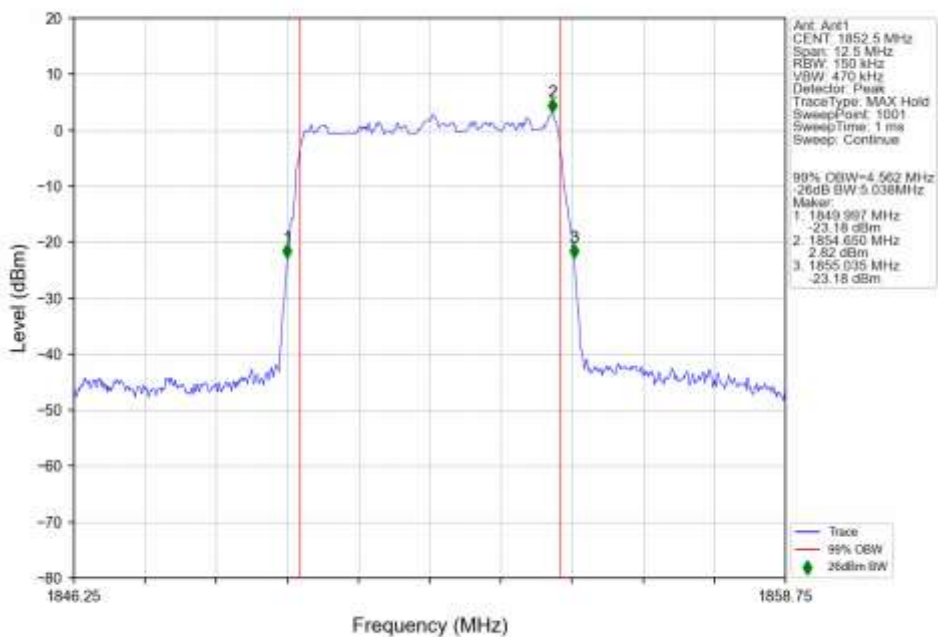
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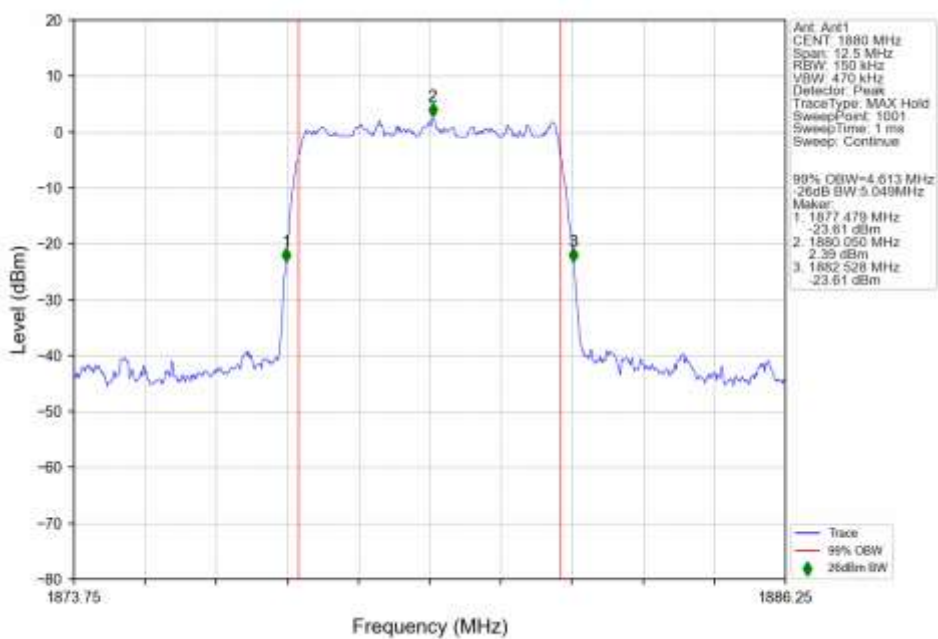
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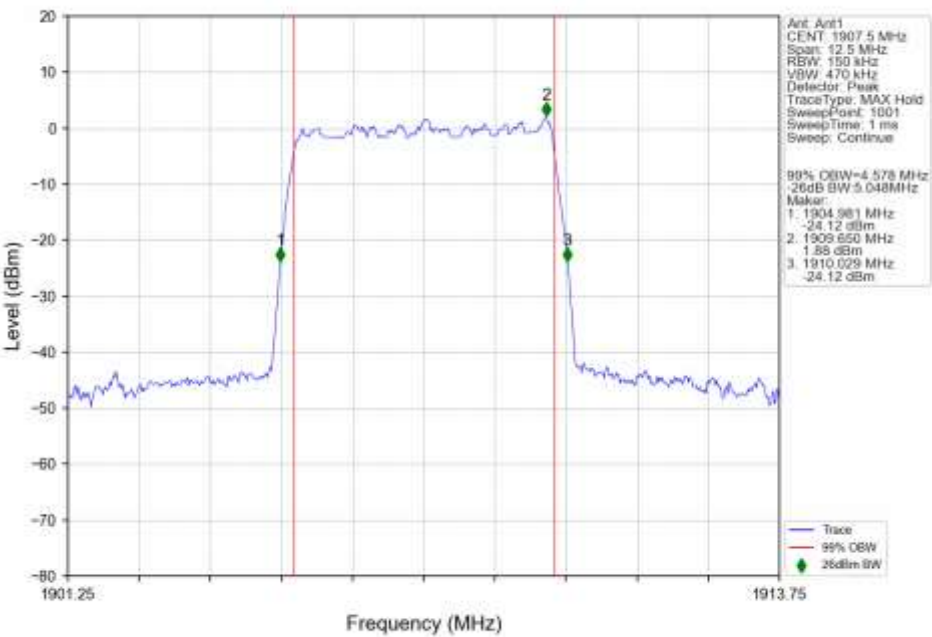
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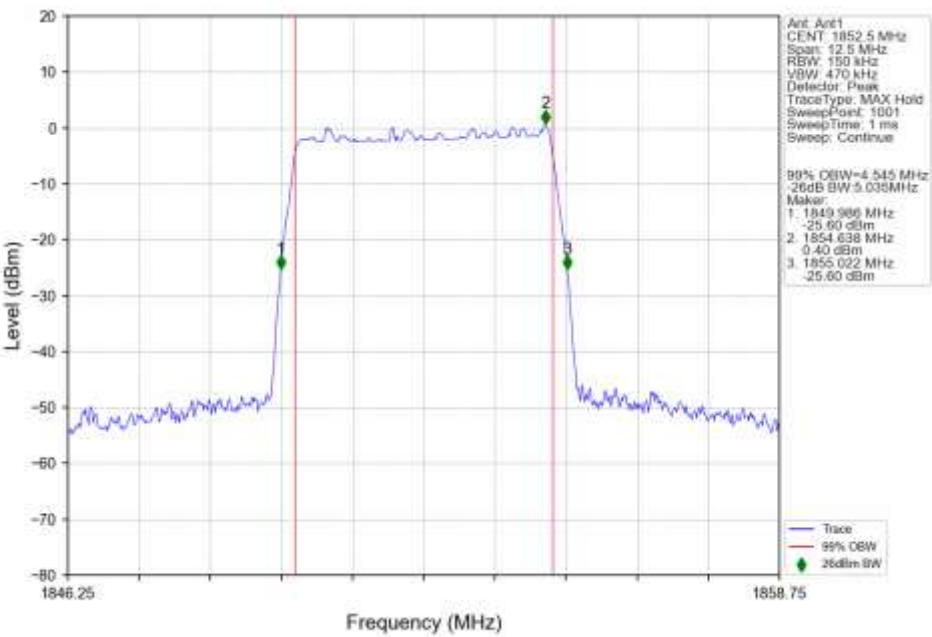
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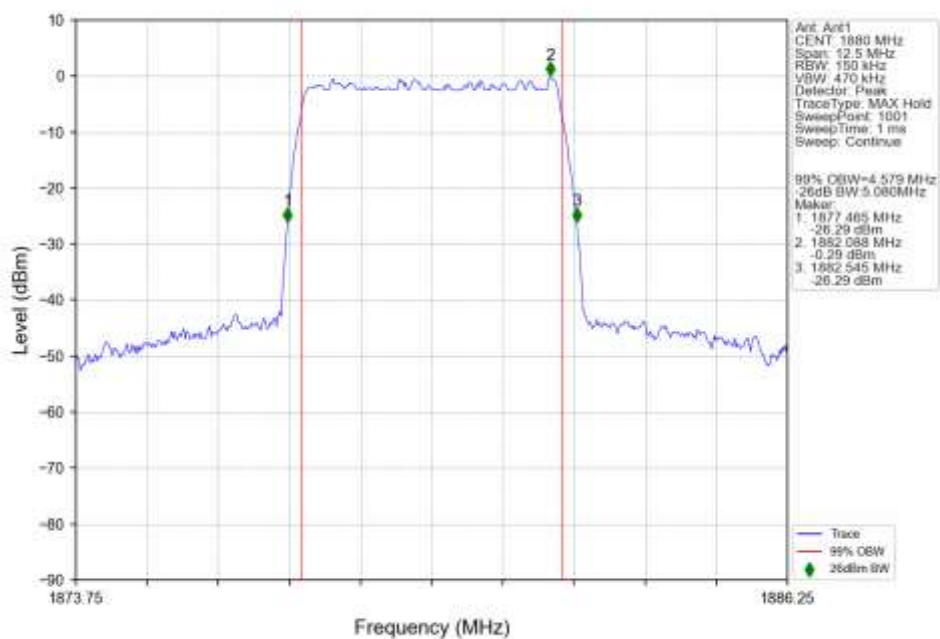
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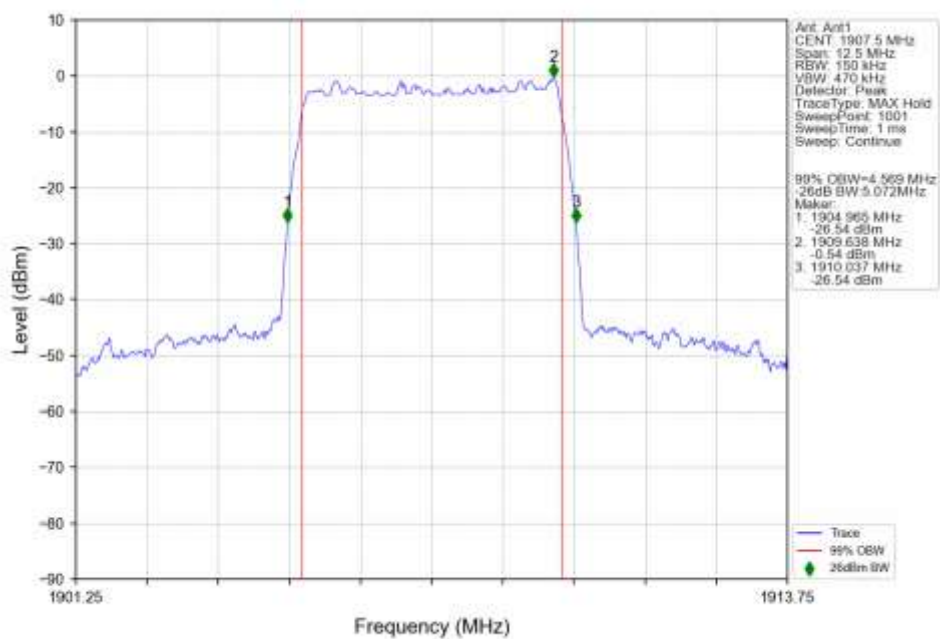
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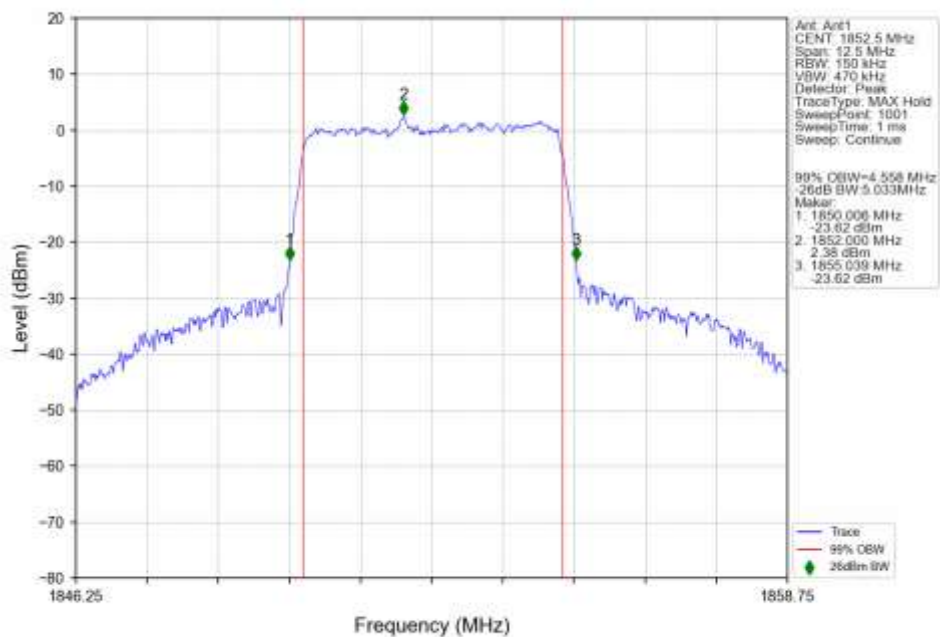
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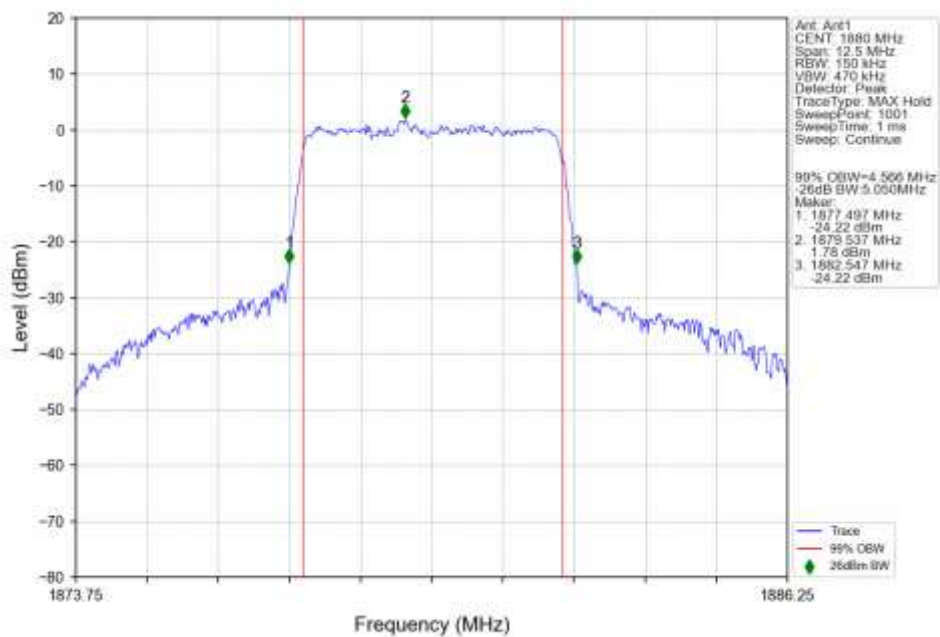
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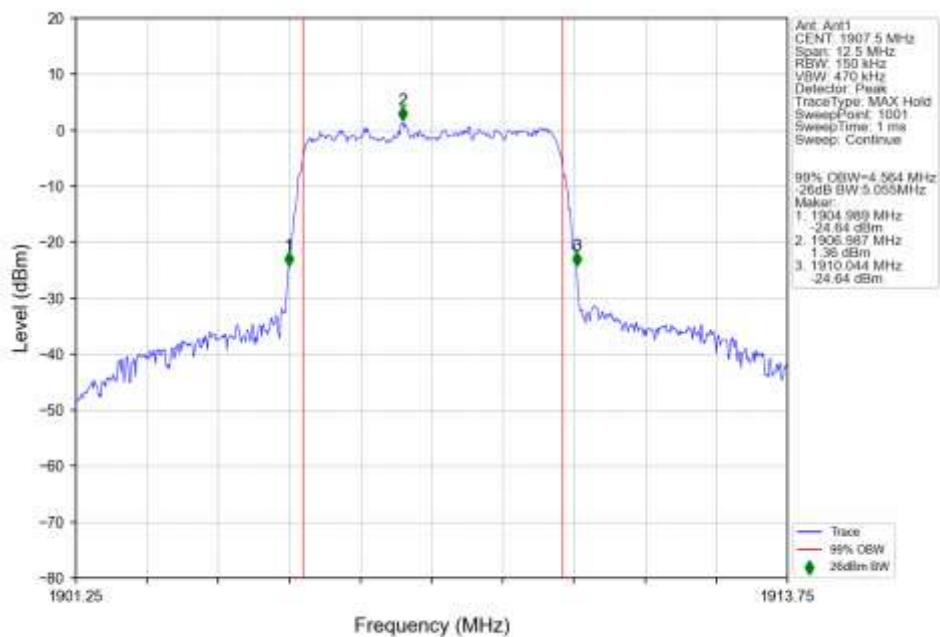
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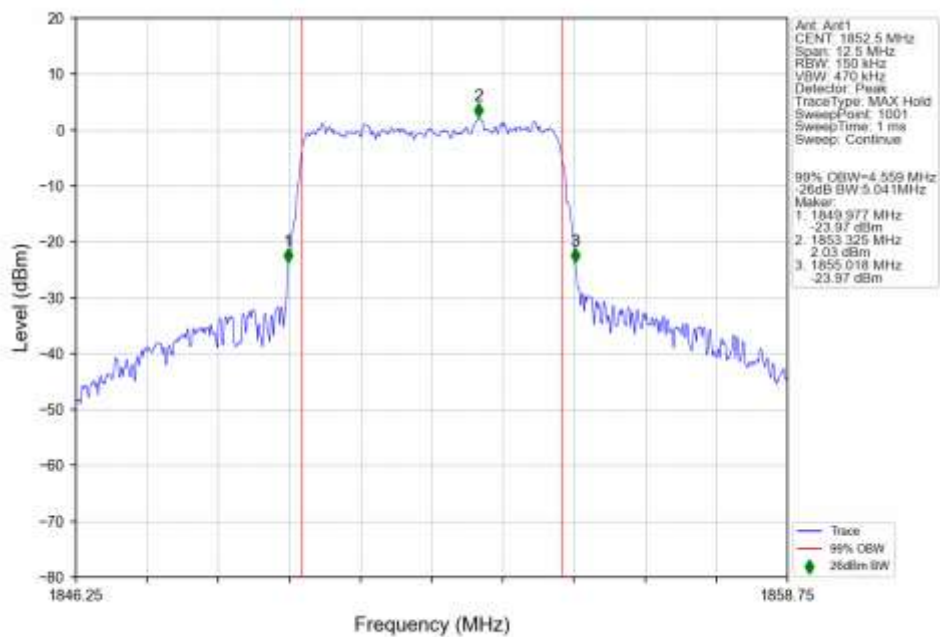
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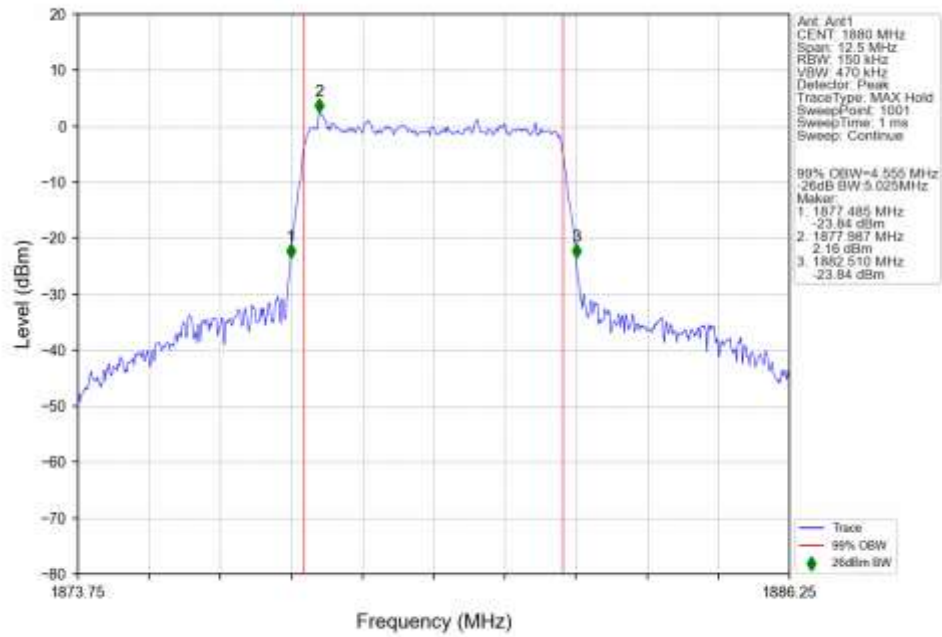
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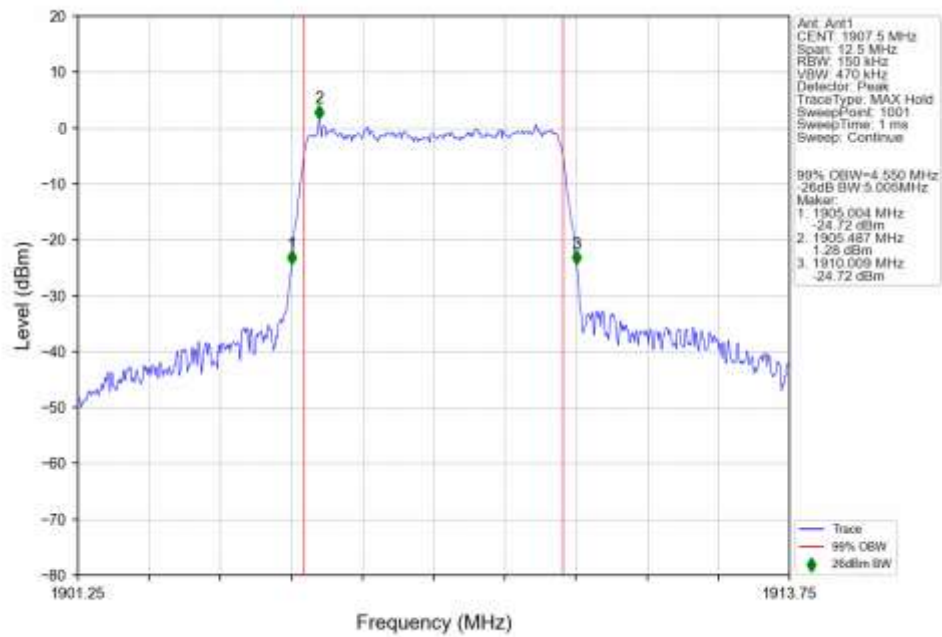
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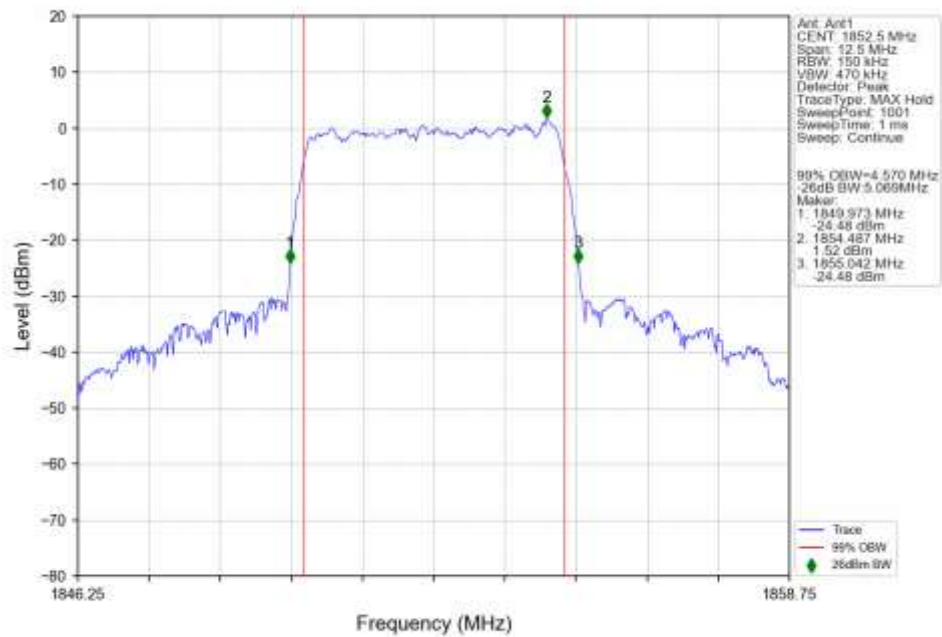
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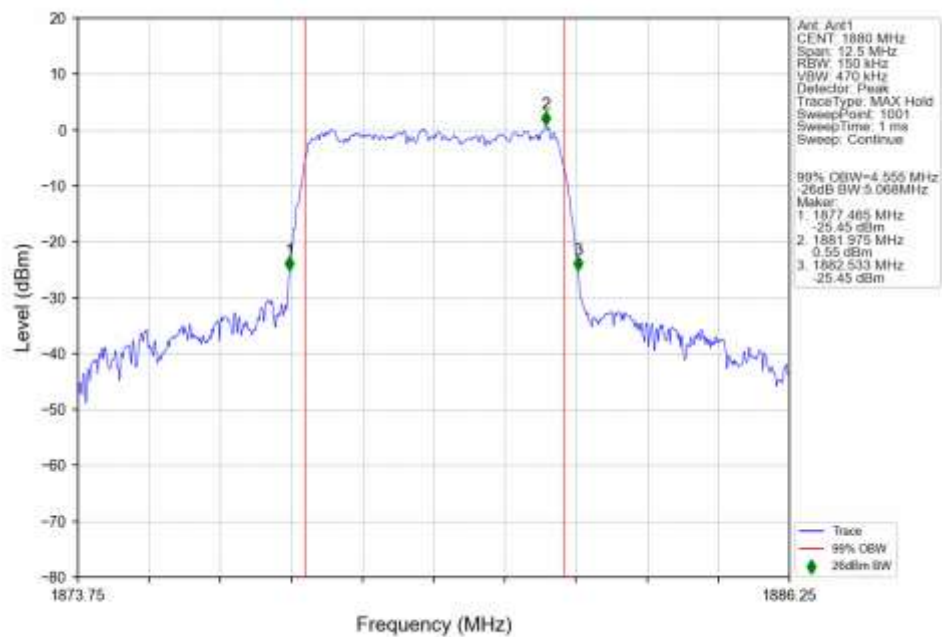
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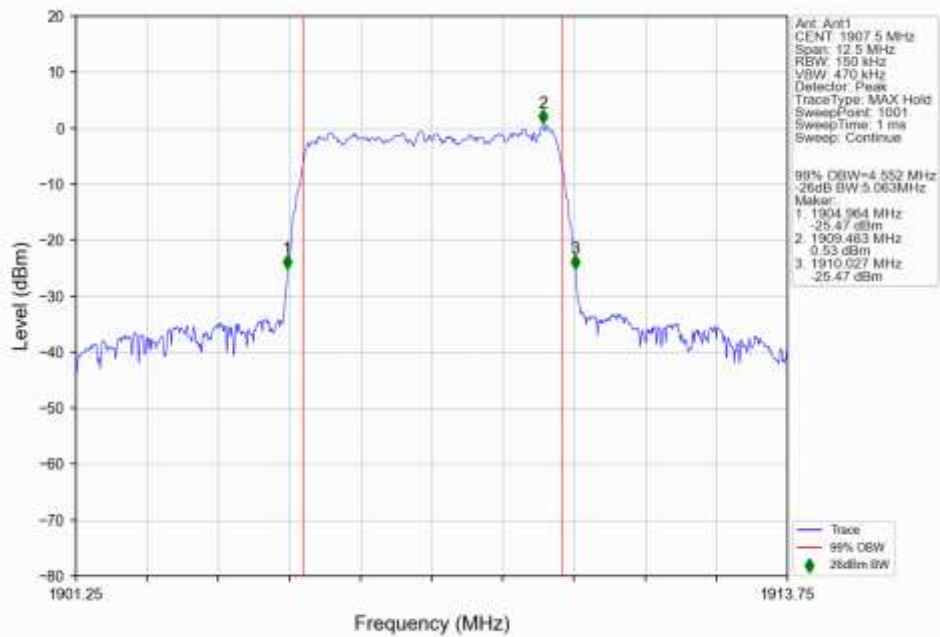
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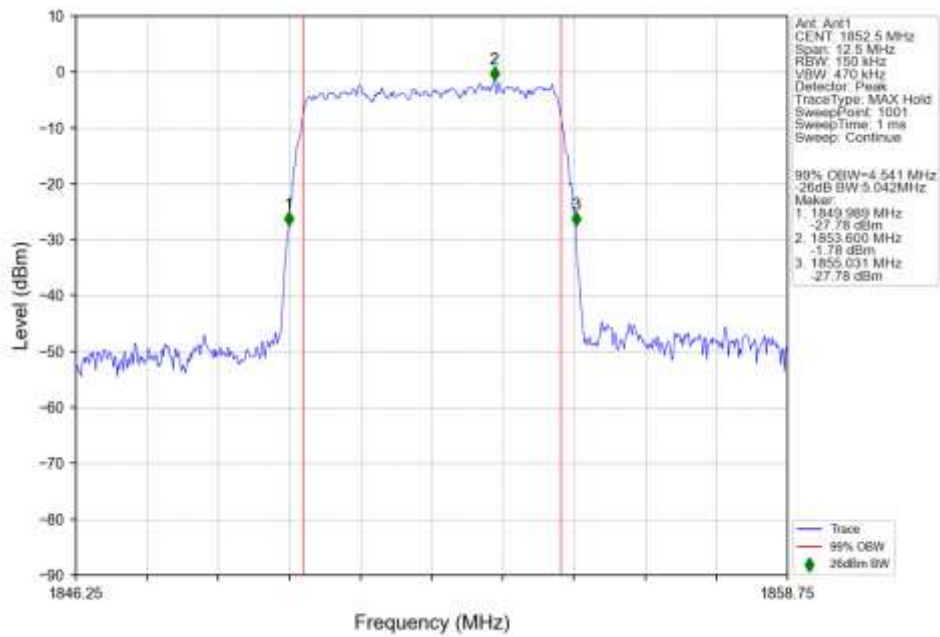
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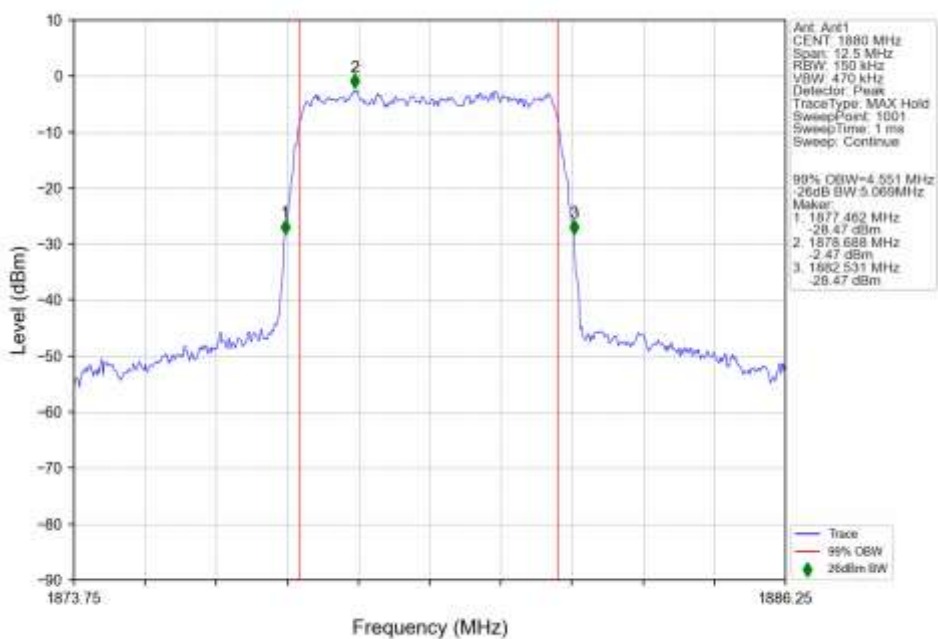
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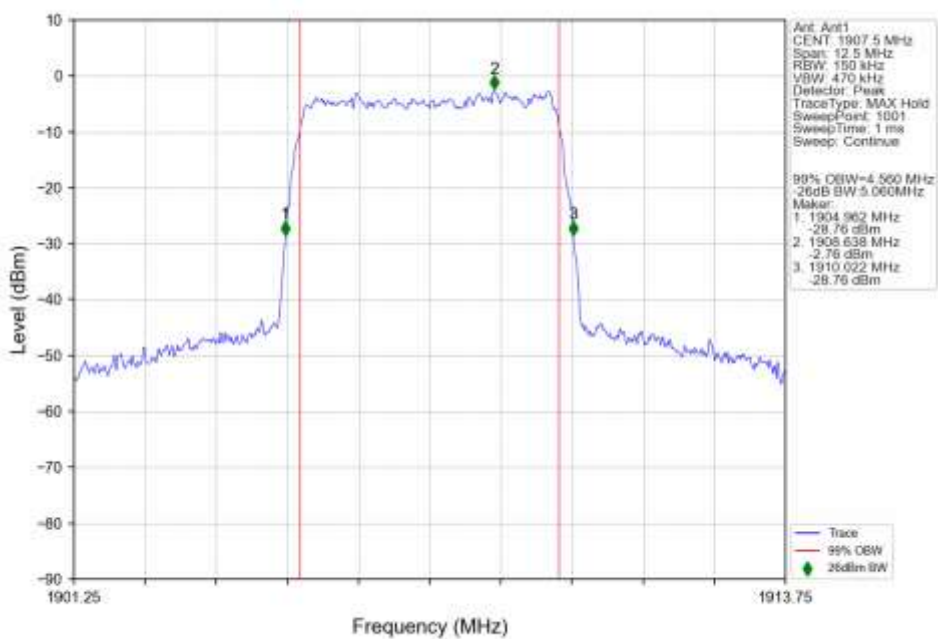
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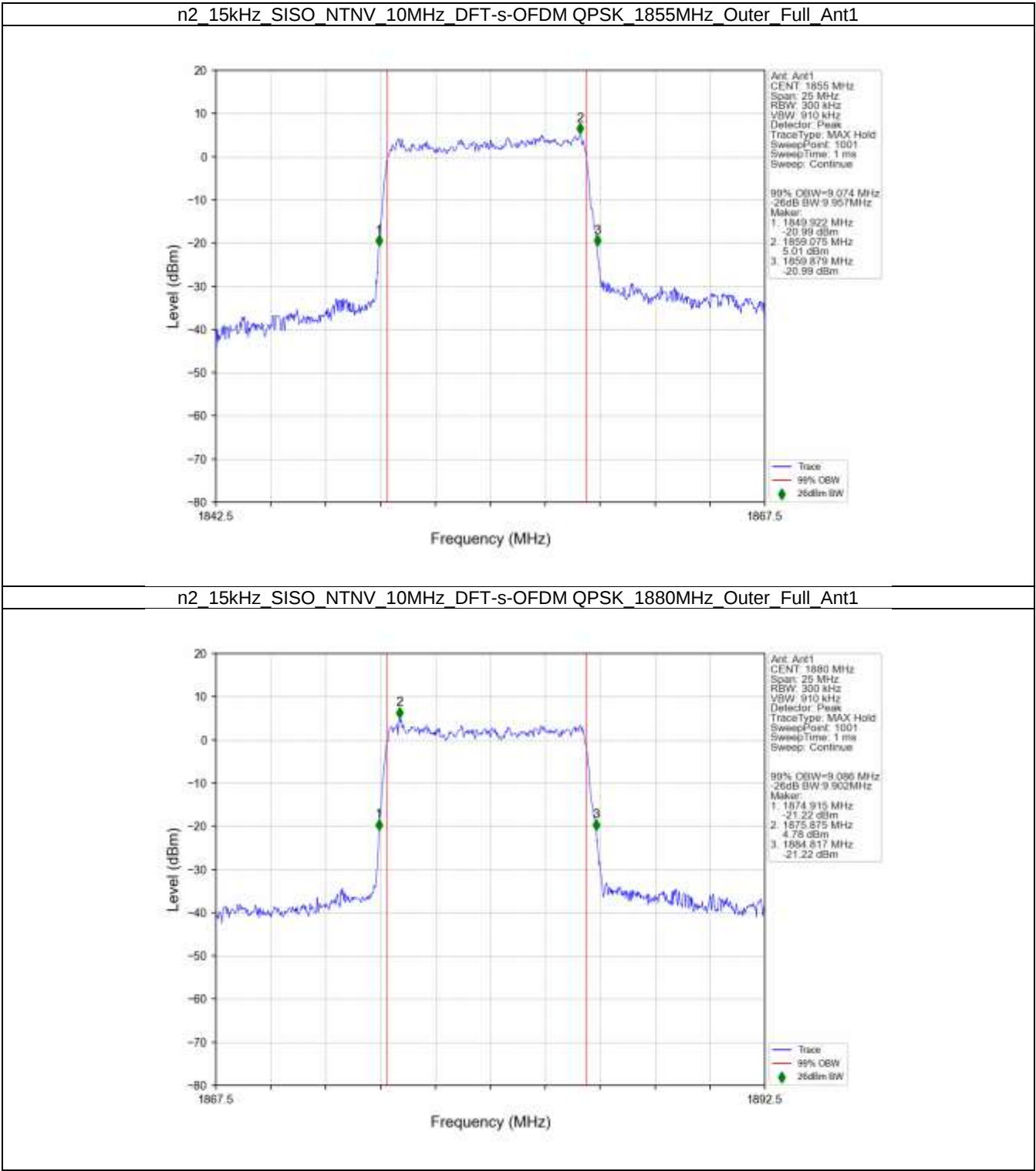
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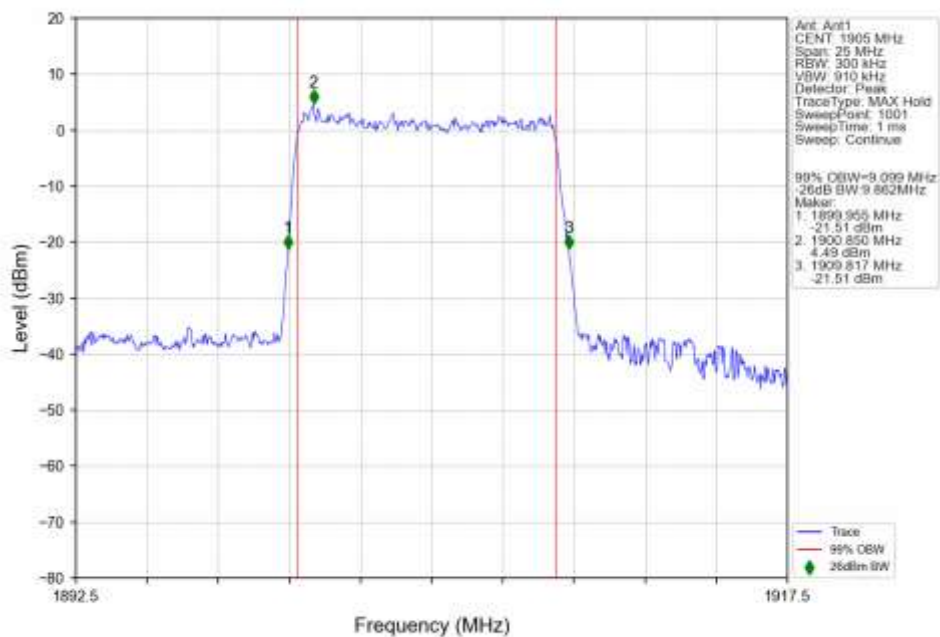
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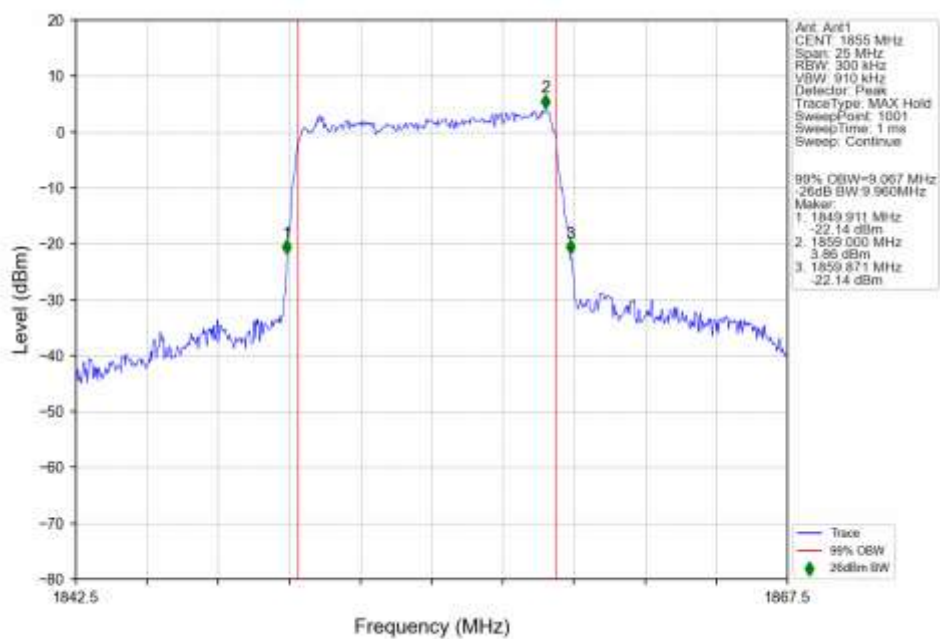
4.2.2 15k_SISO_10MHz_NTNV



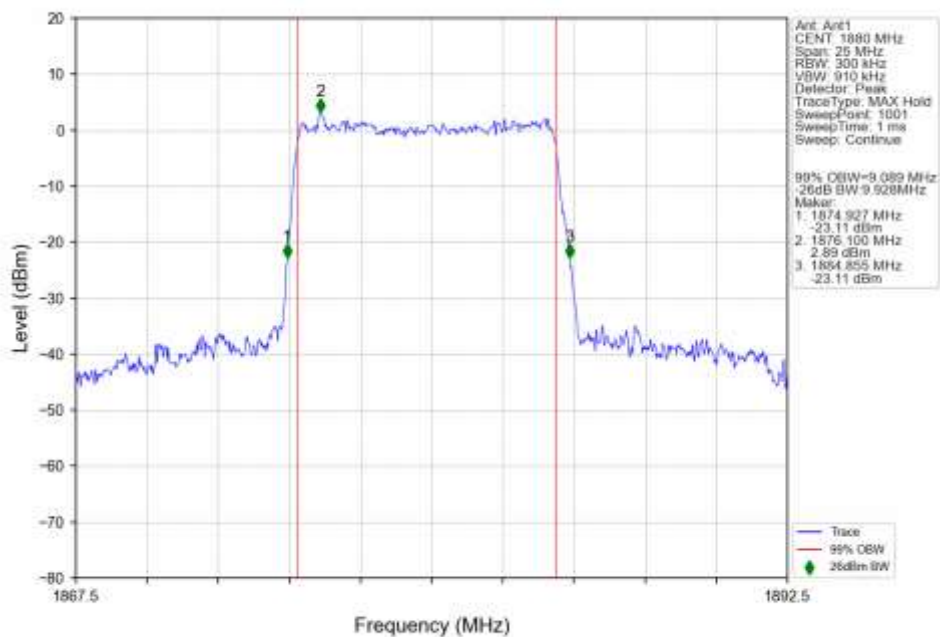
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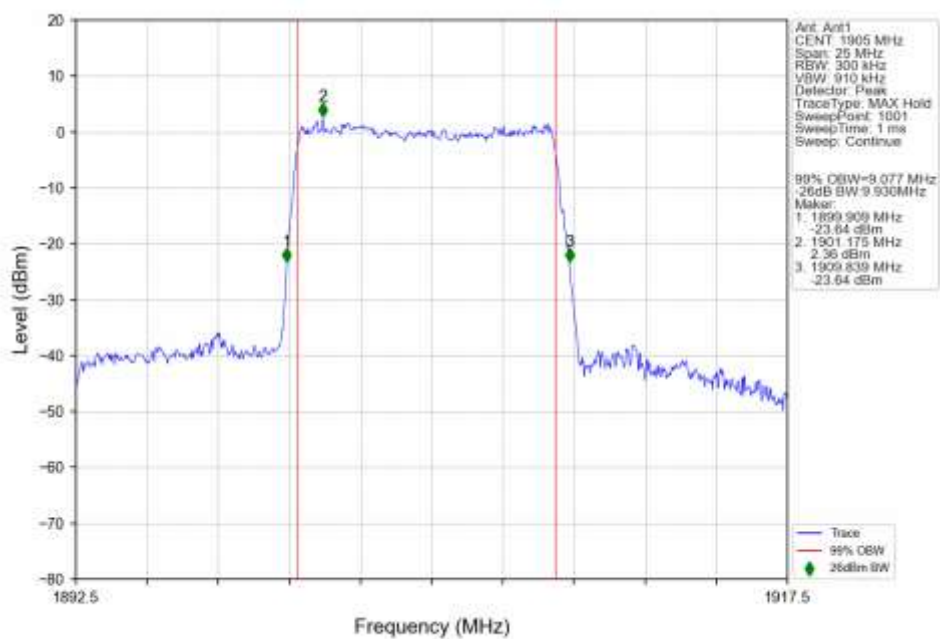
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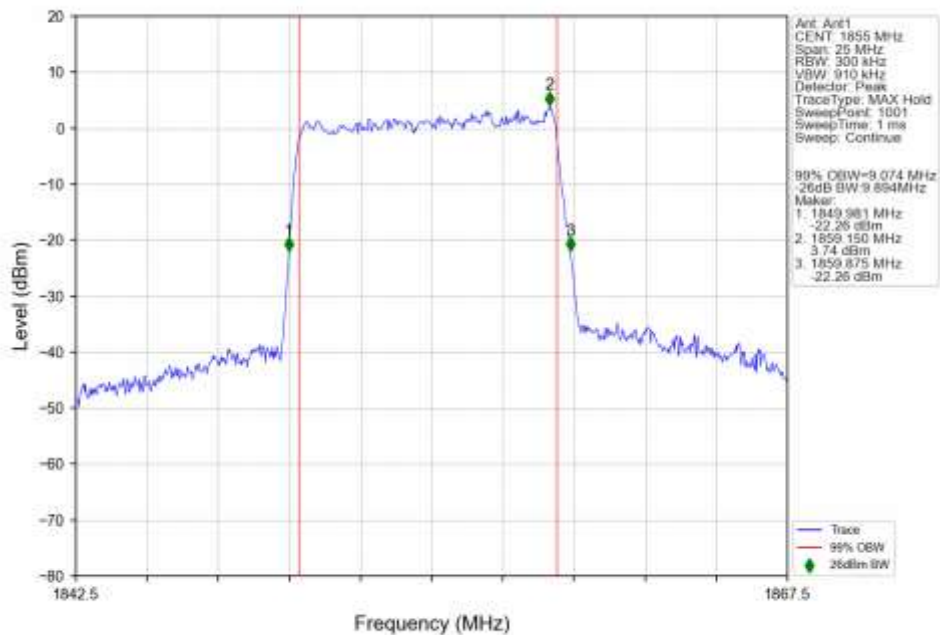
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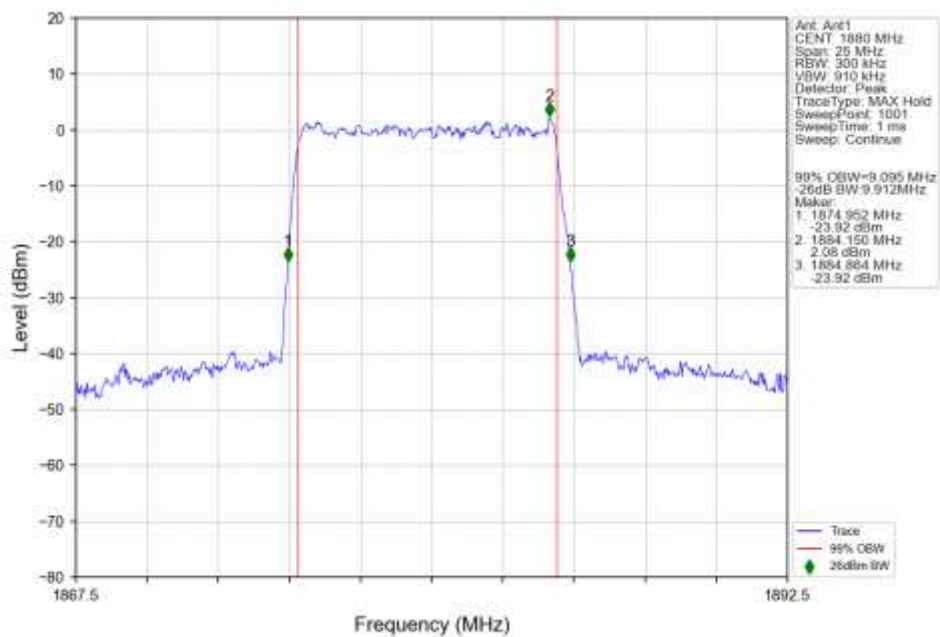
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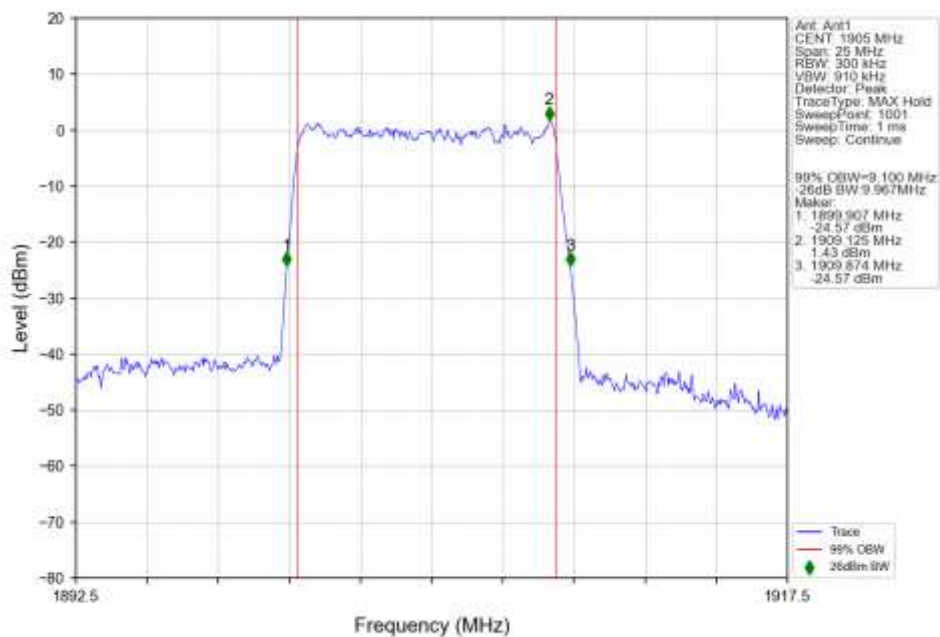
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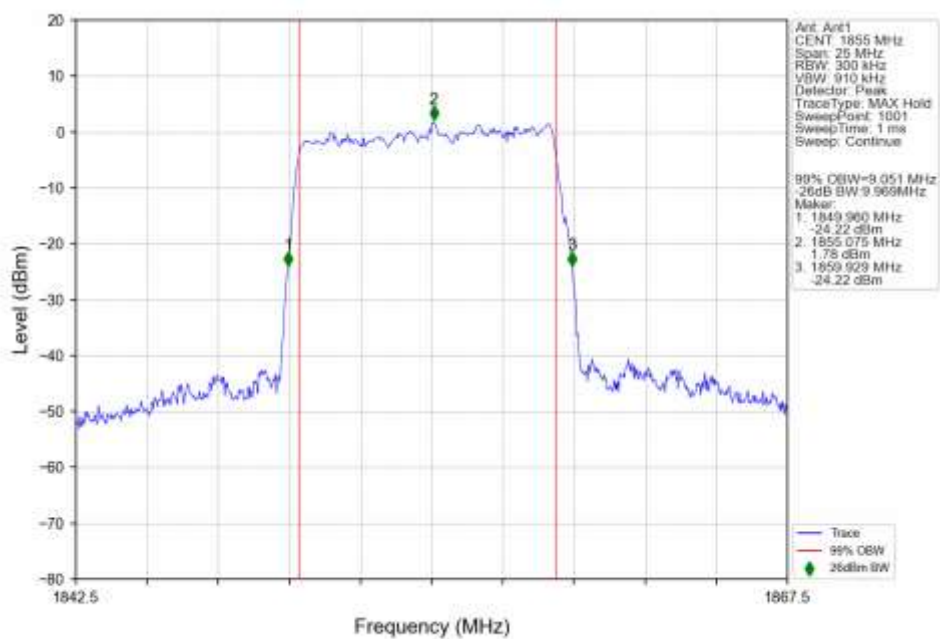
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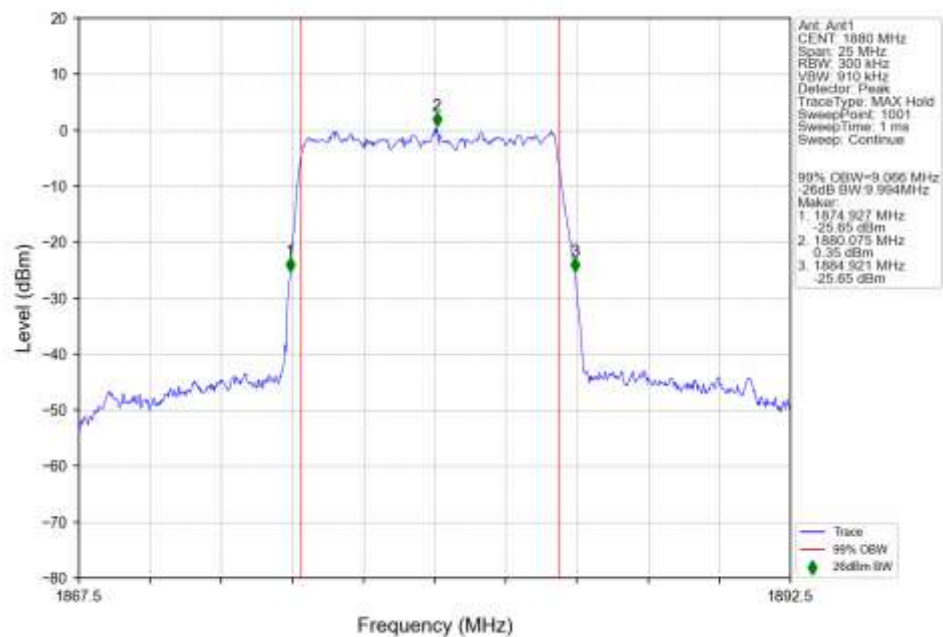
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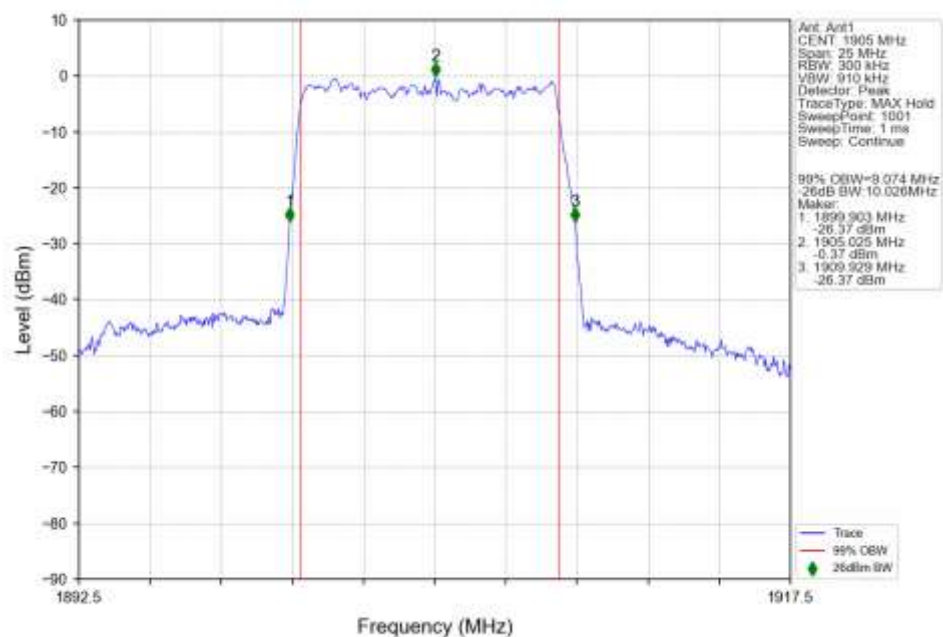
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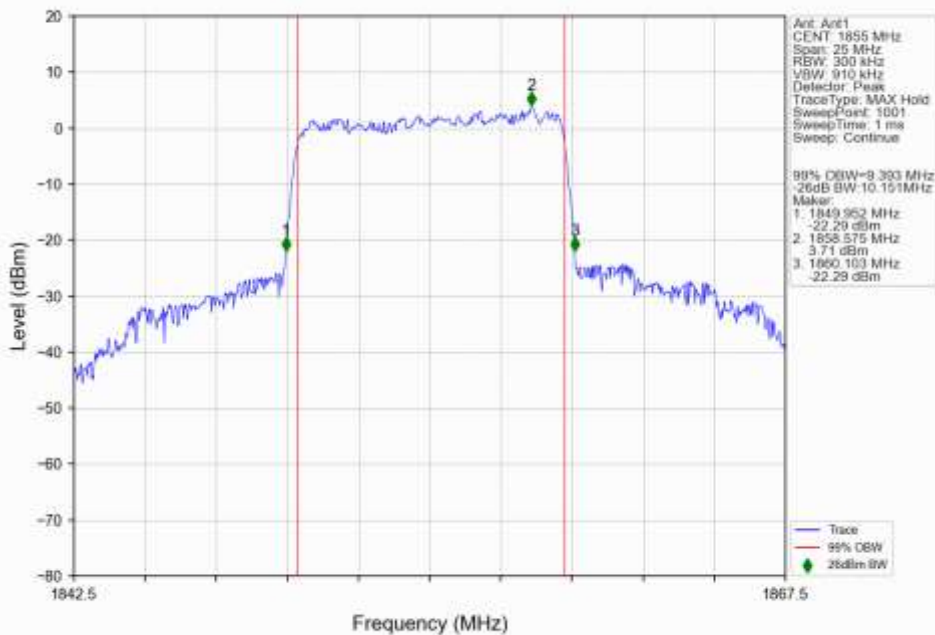
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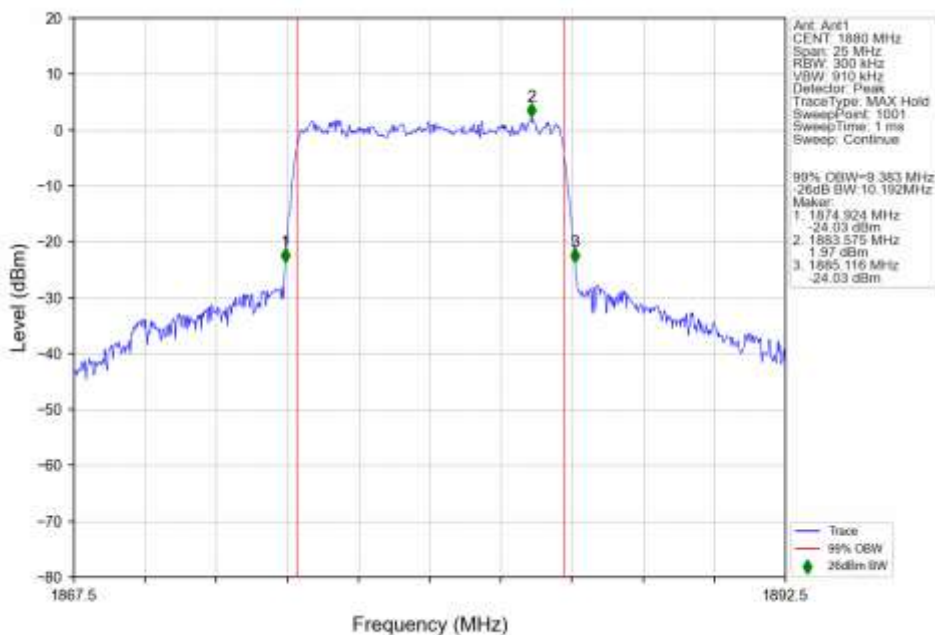
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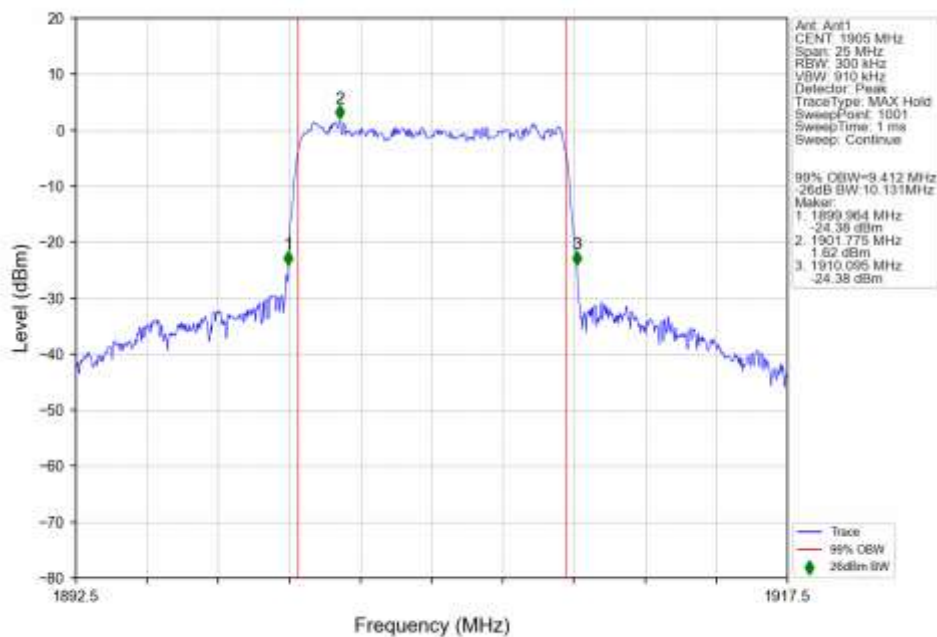
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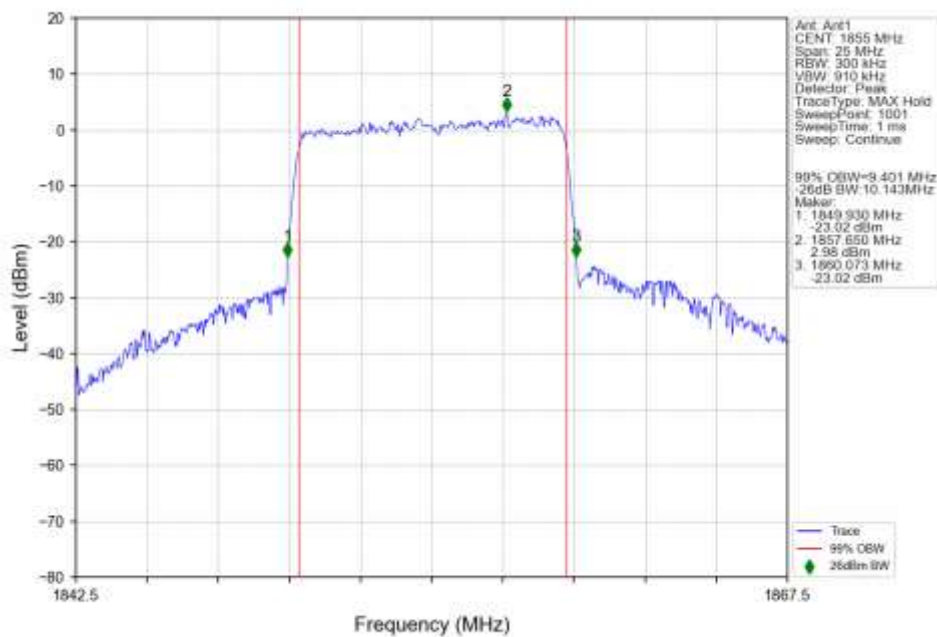
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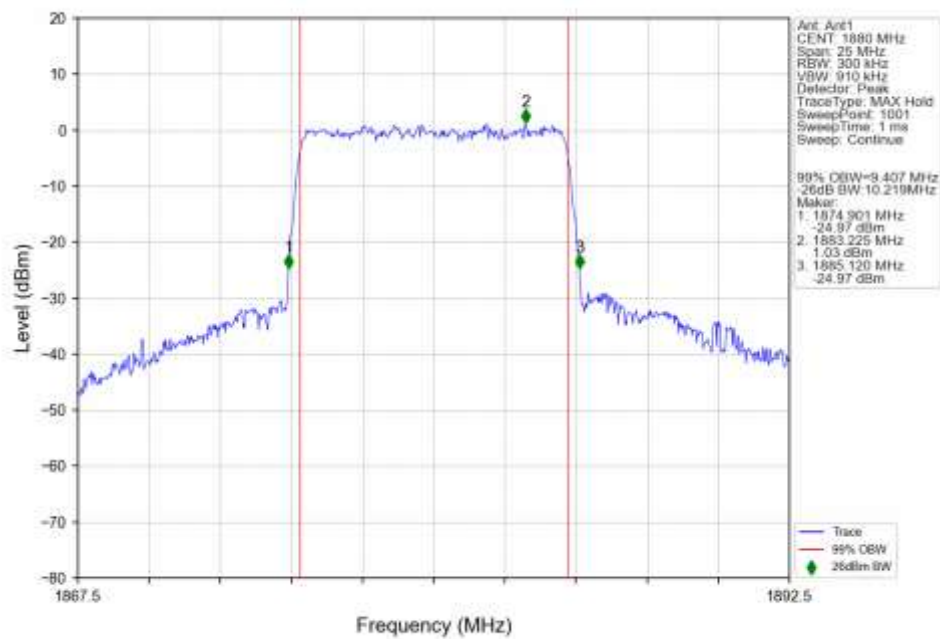
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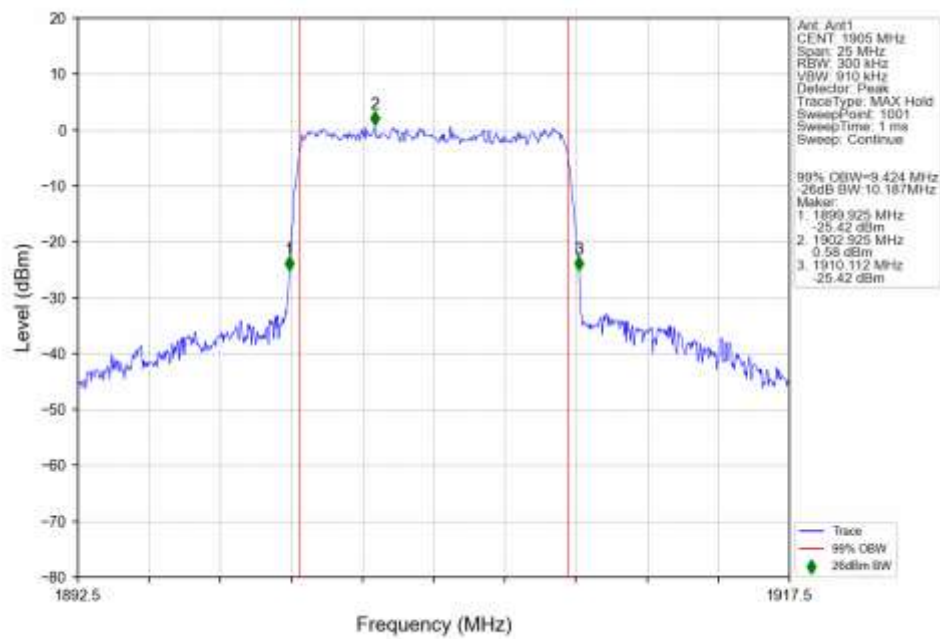
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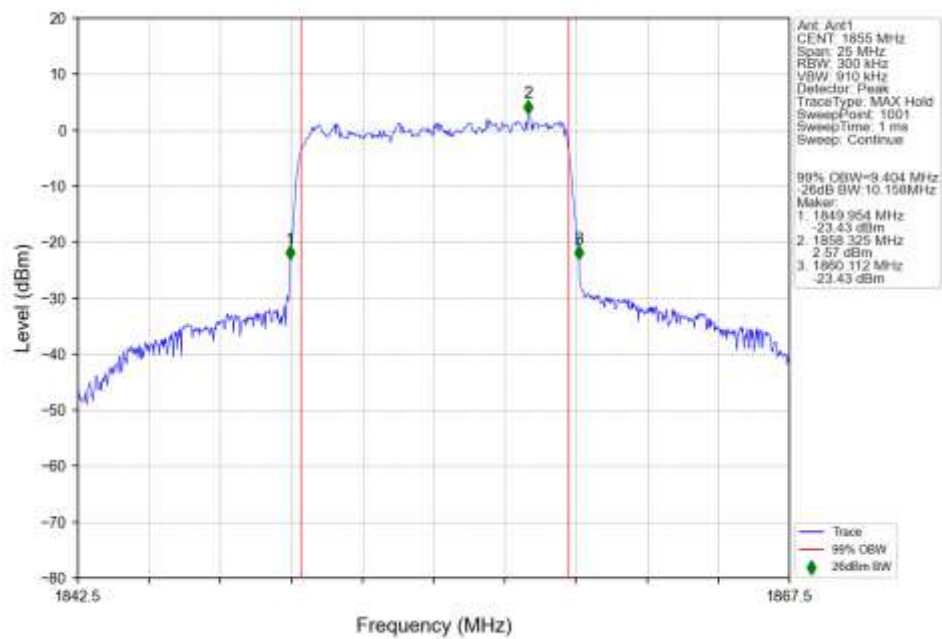
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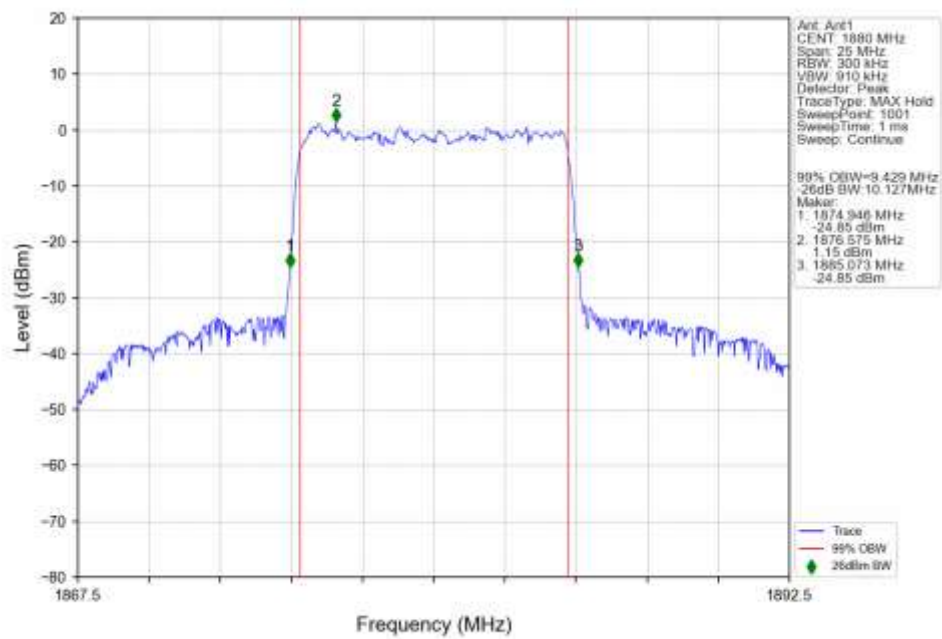
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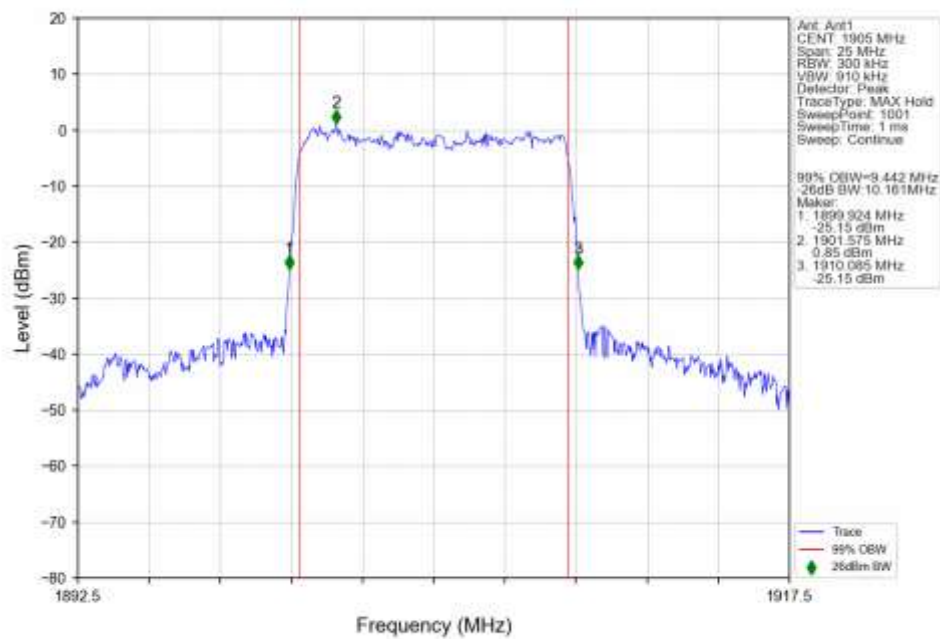
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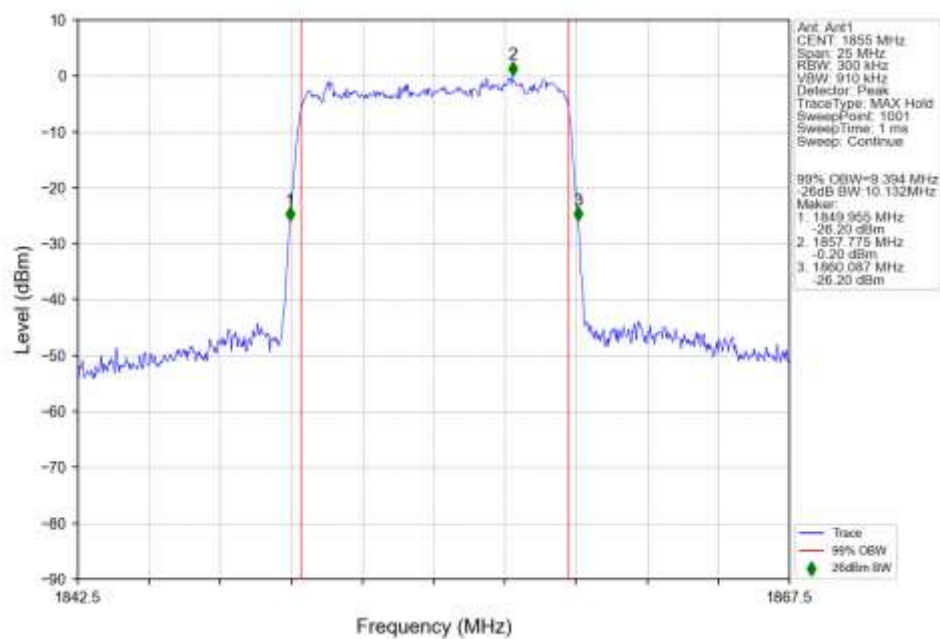
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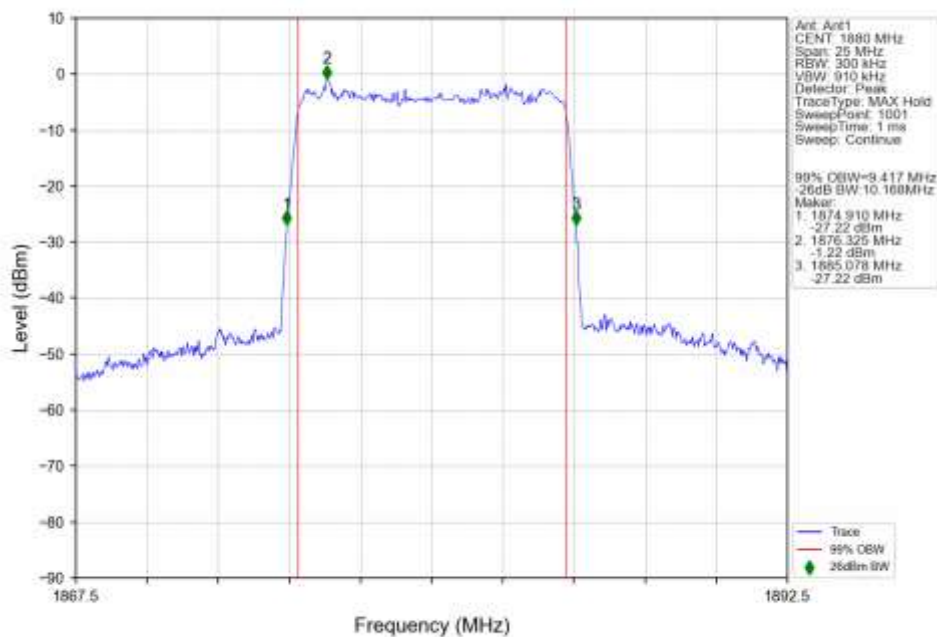
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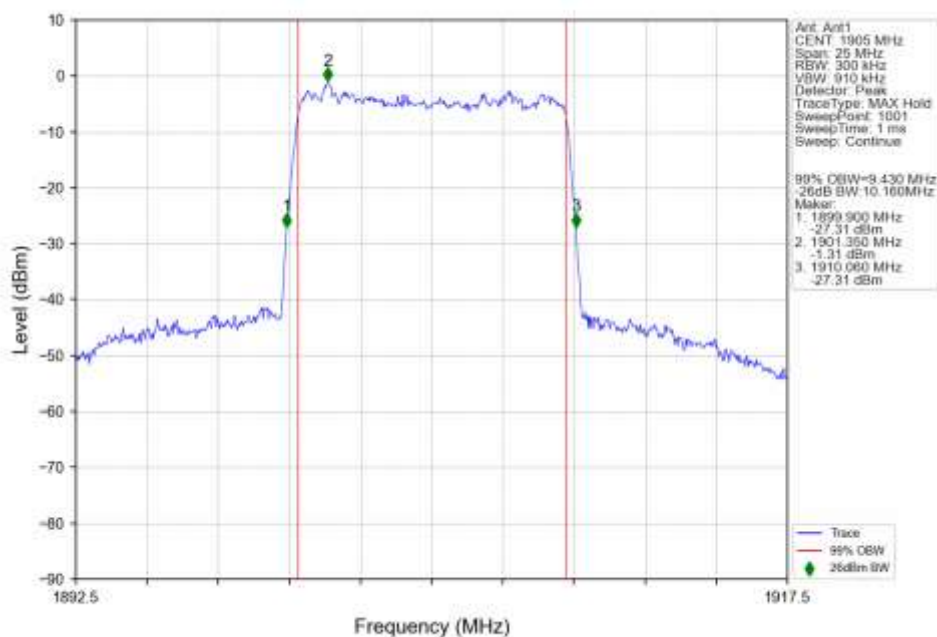
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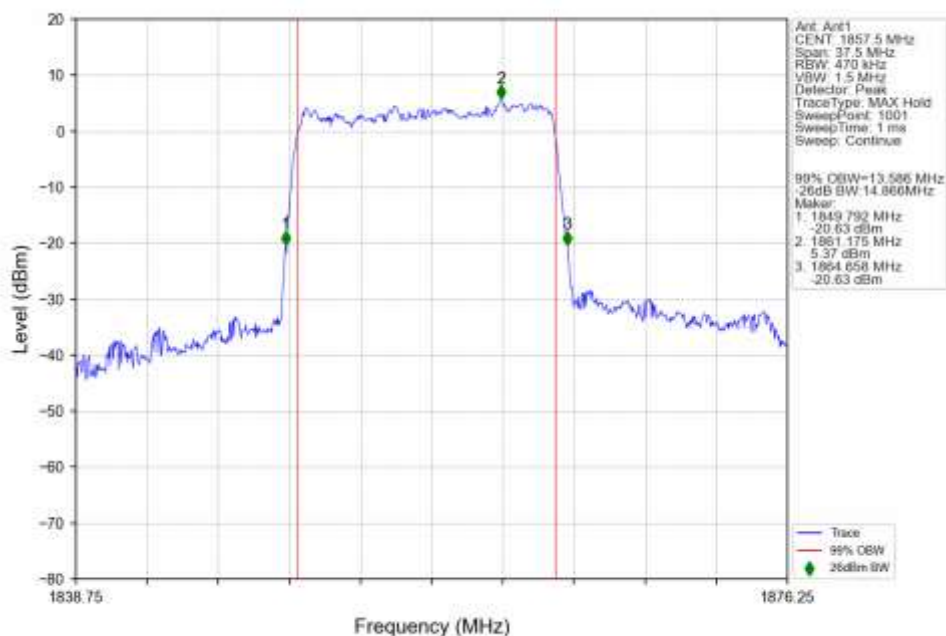


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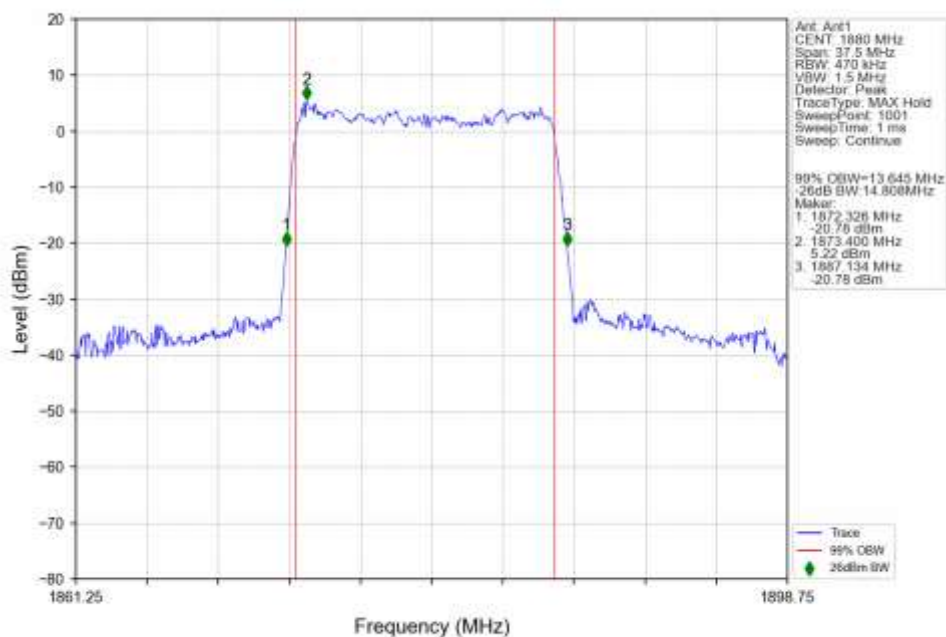


4.2.3 15k_SISO_15MHz_NTNV

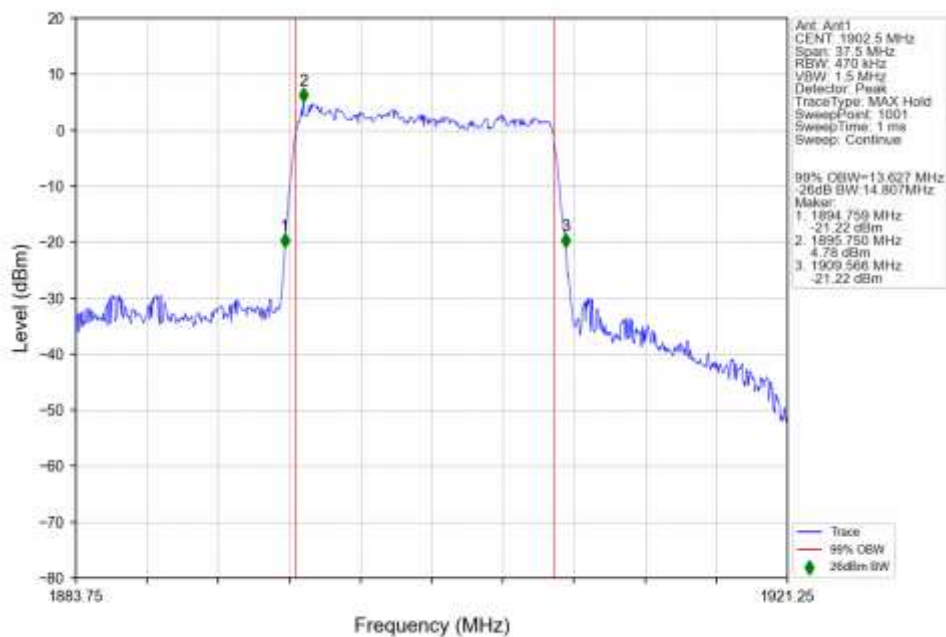
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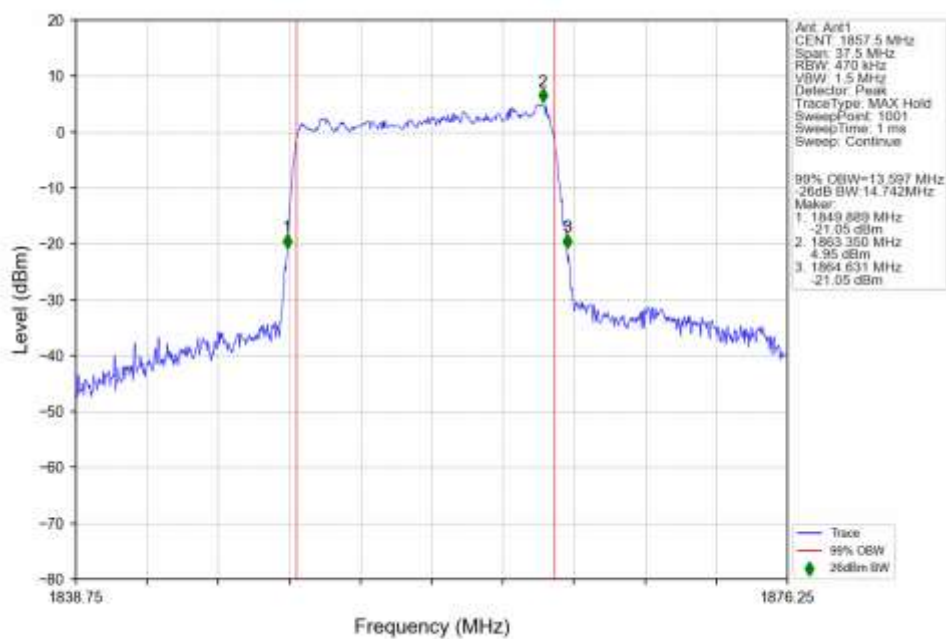
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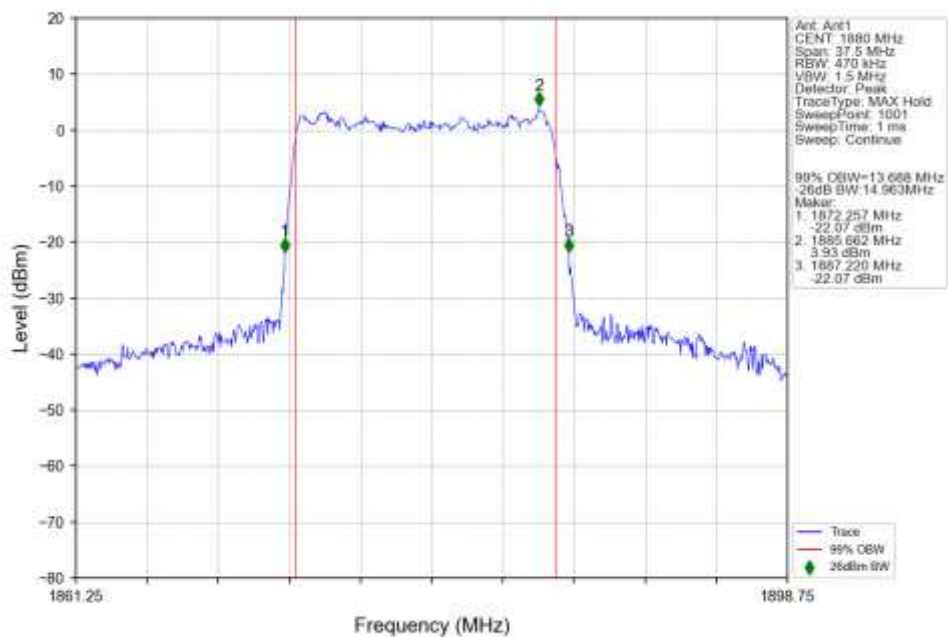
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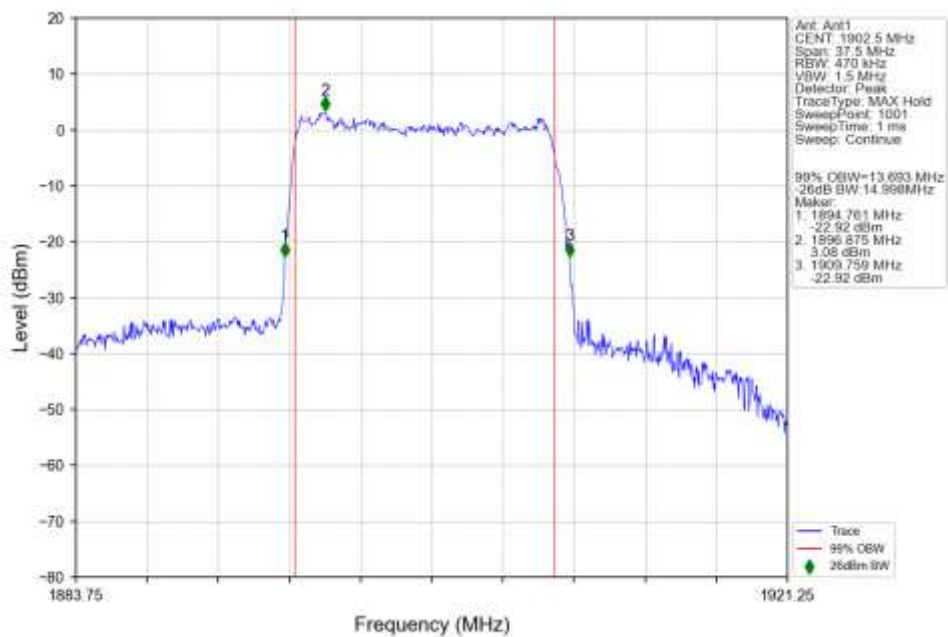
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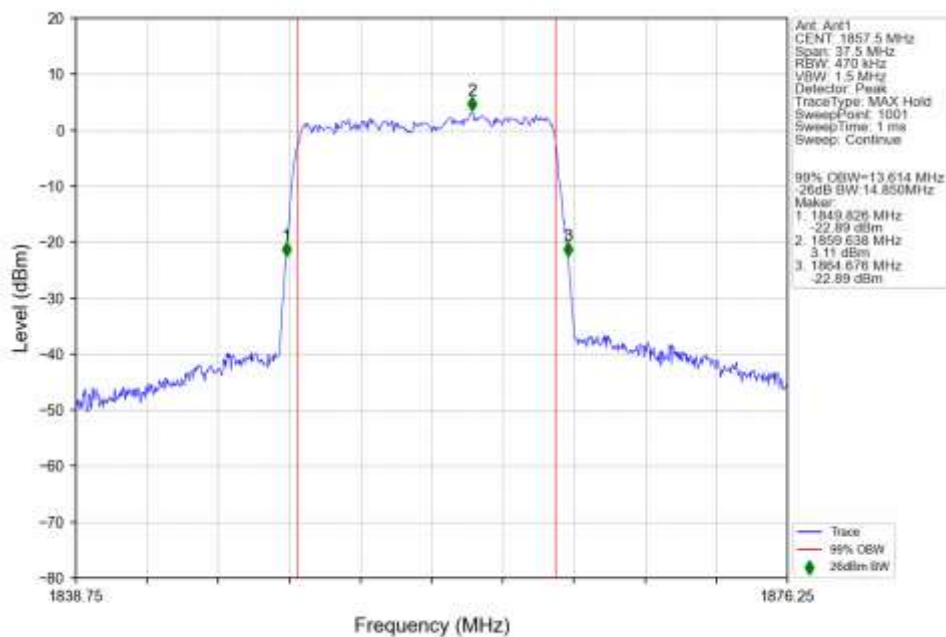
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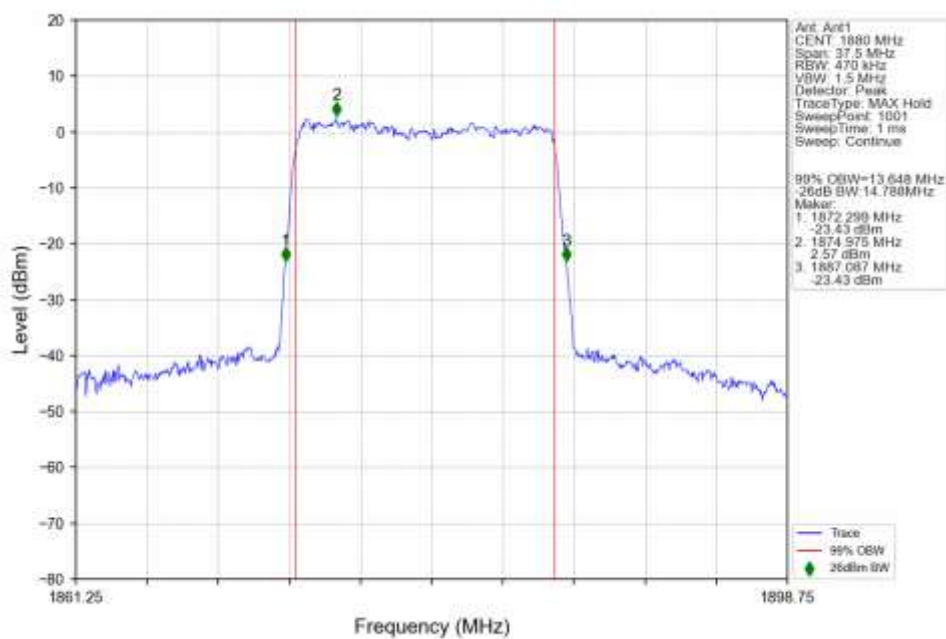
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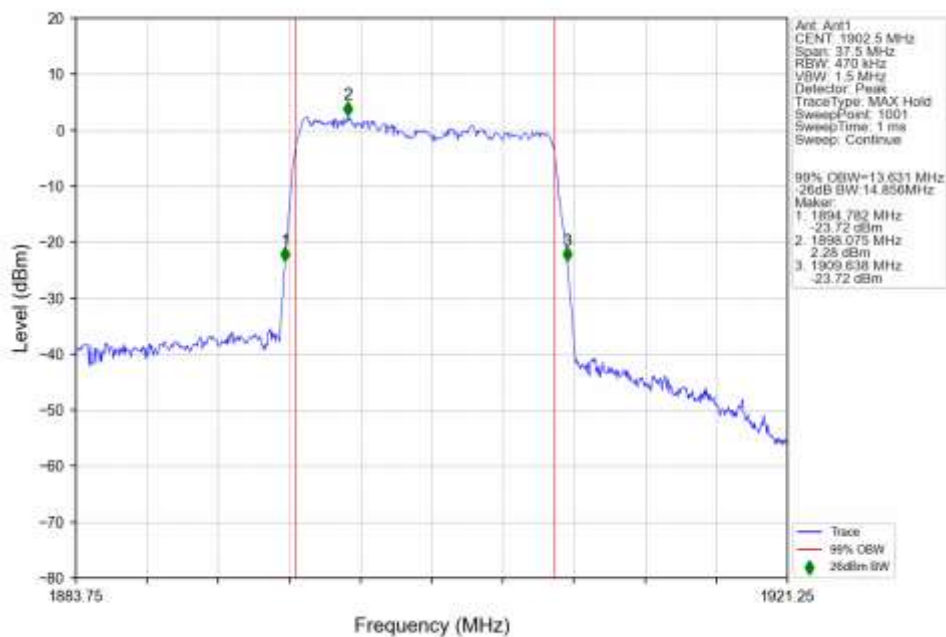
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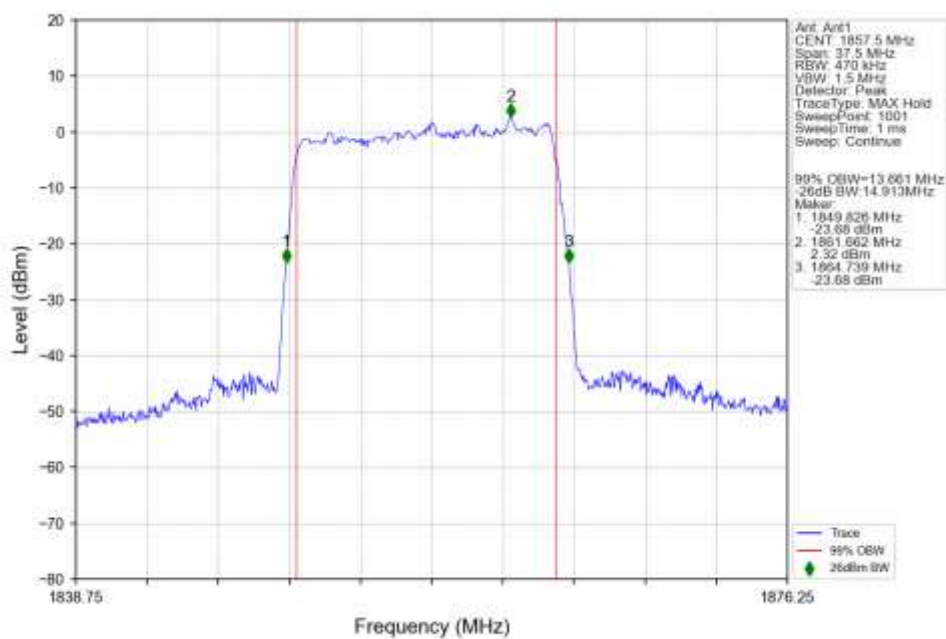
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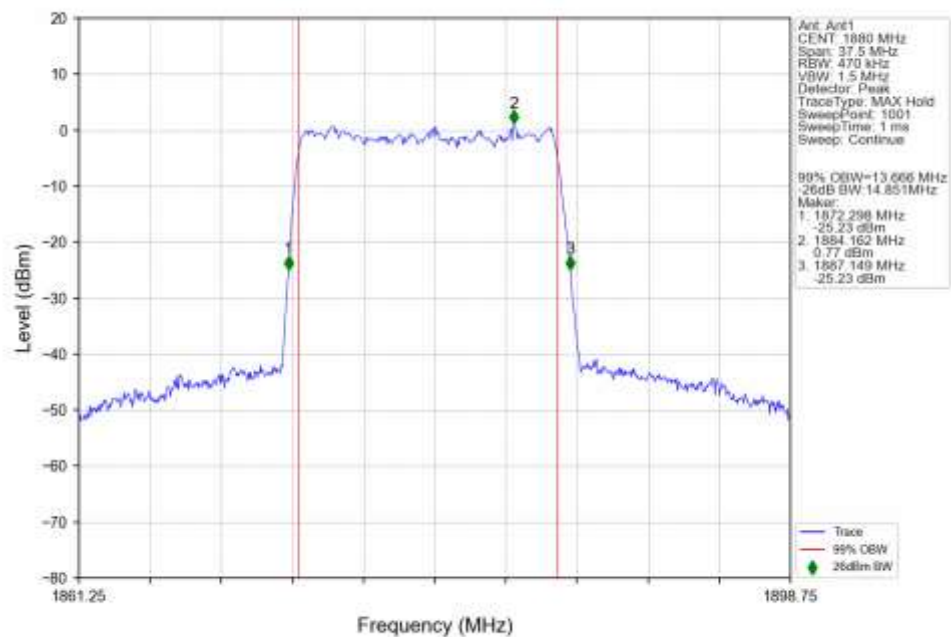
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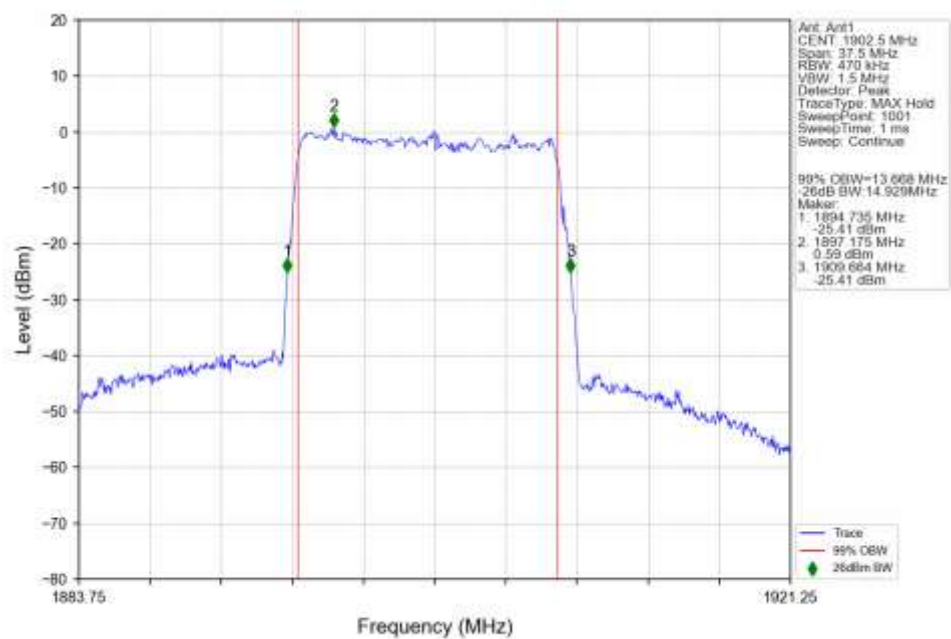
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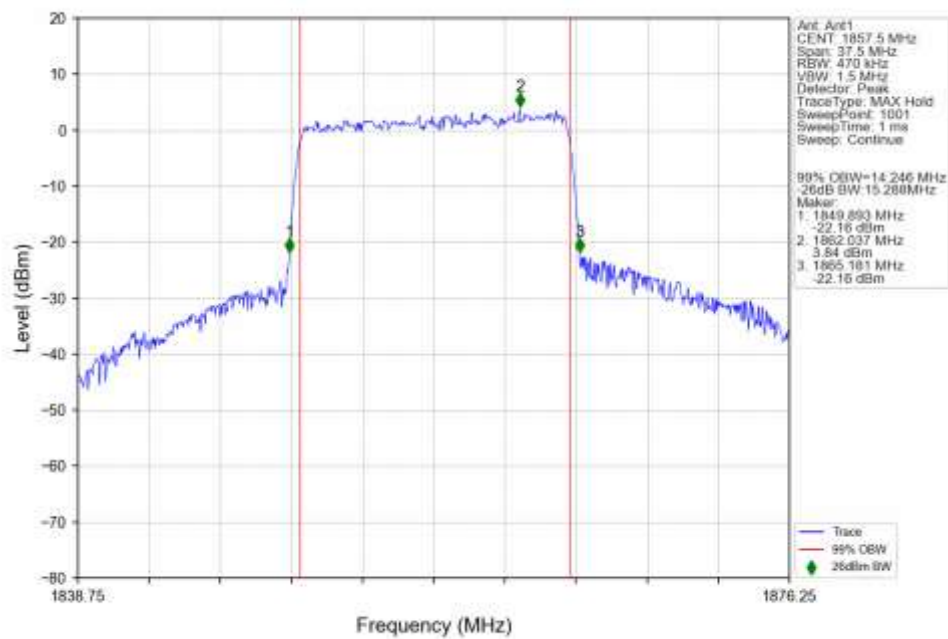
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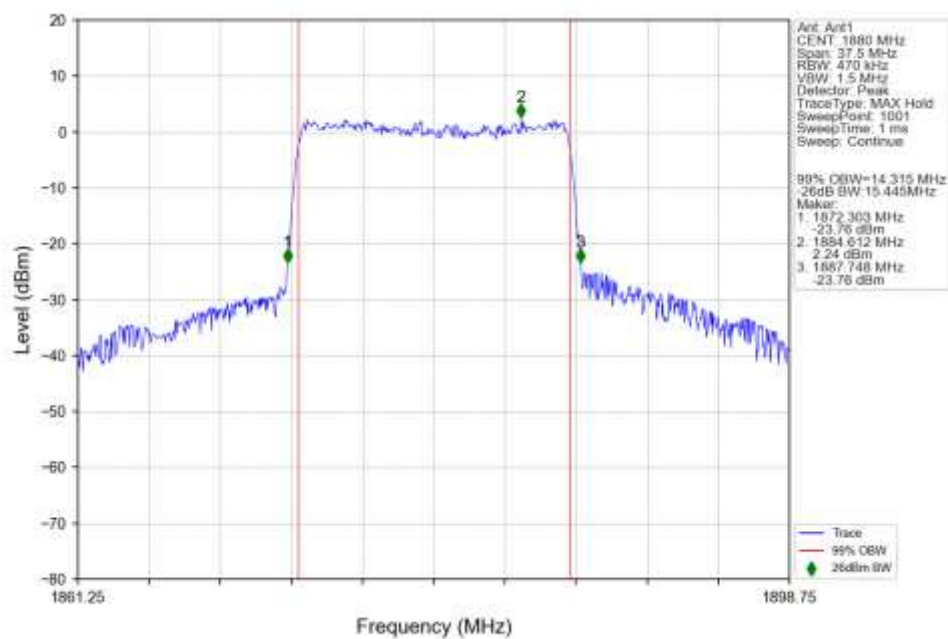
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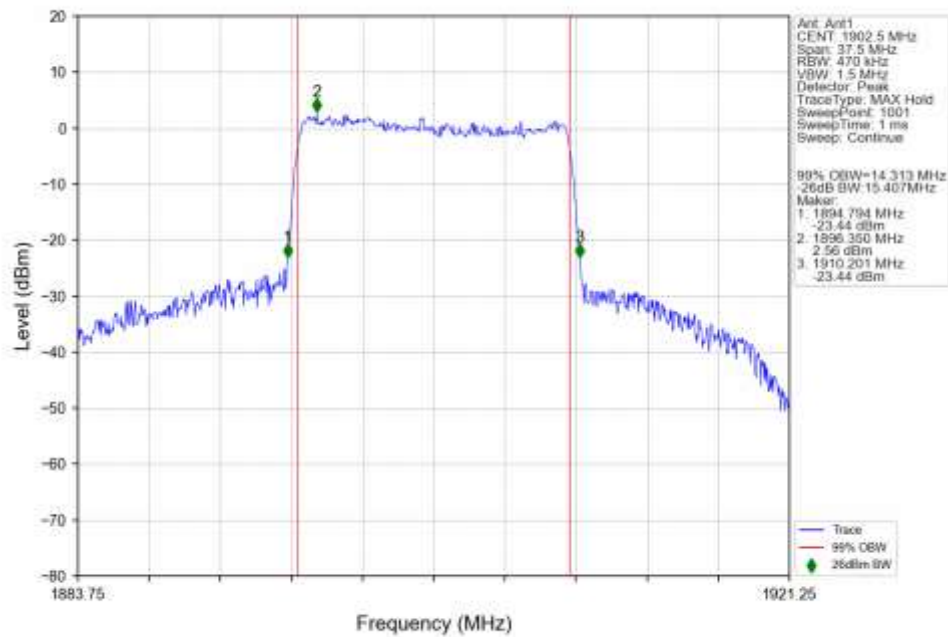
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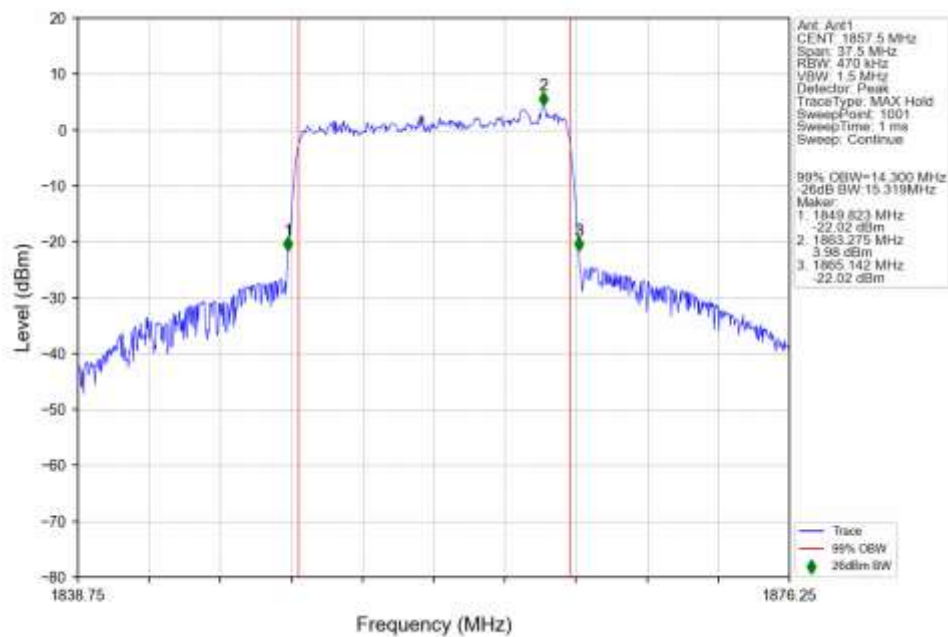
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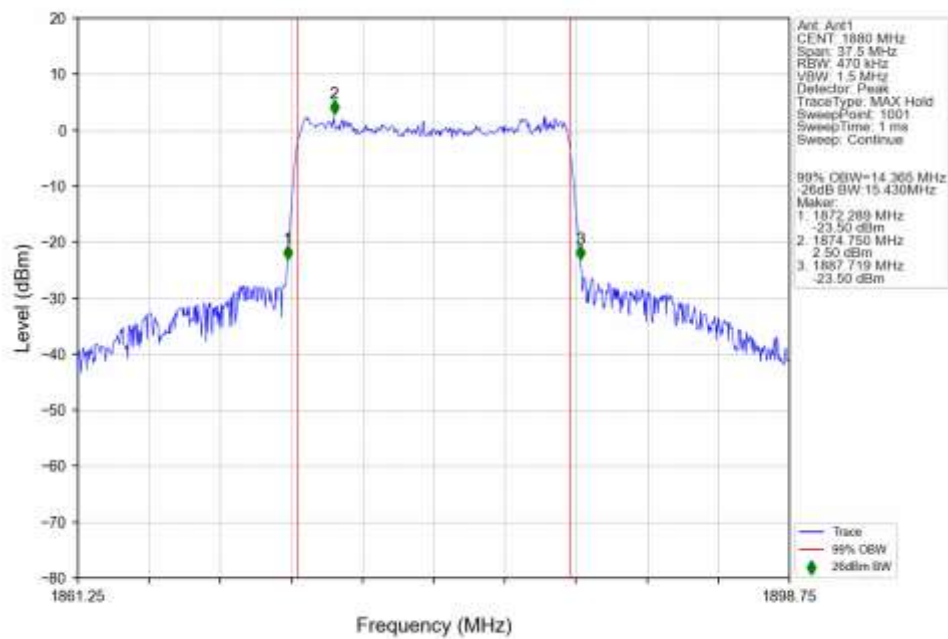
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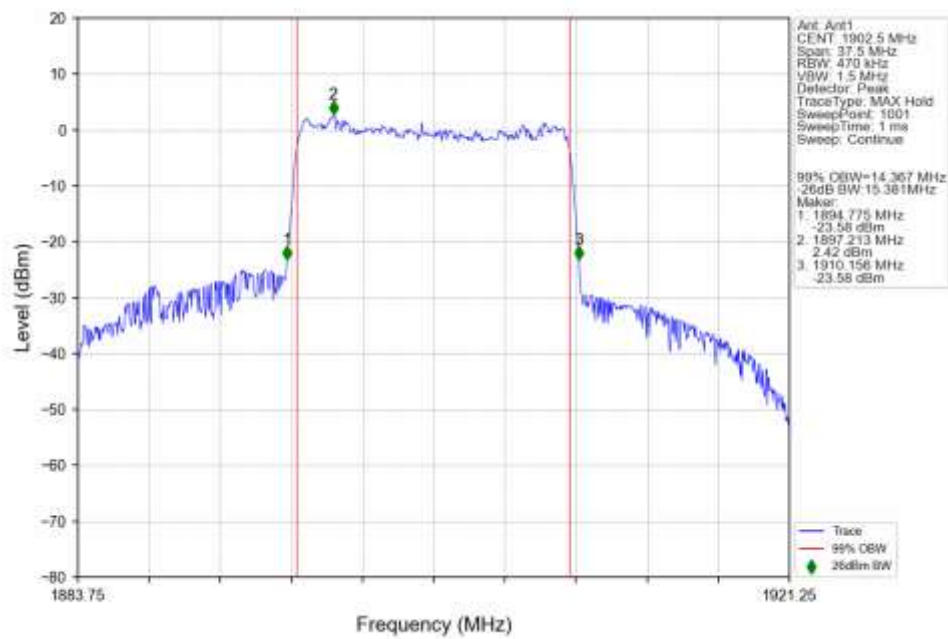
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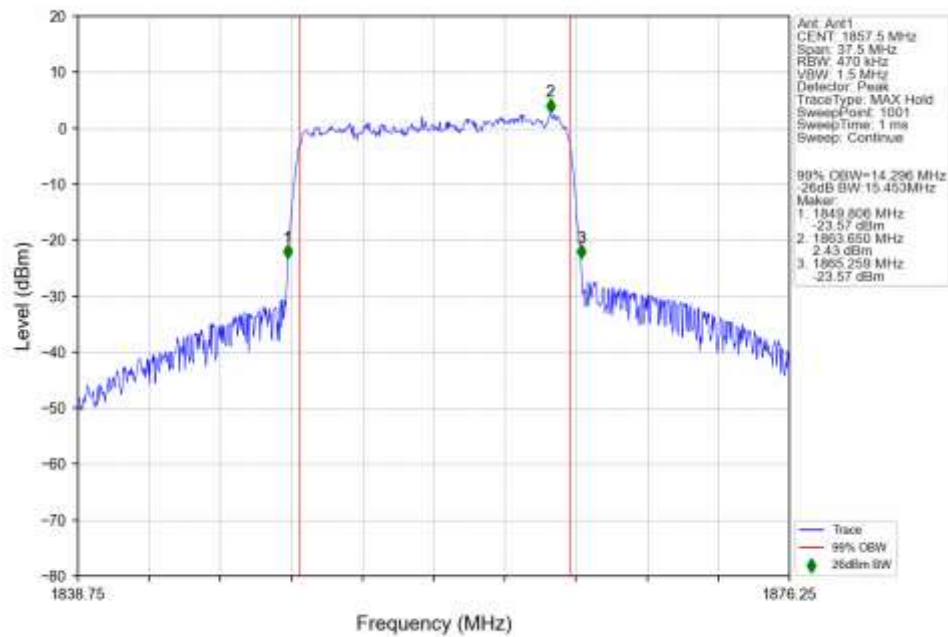
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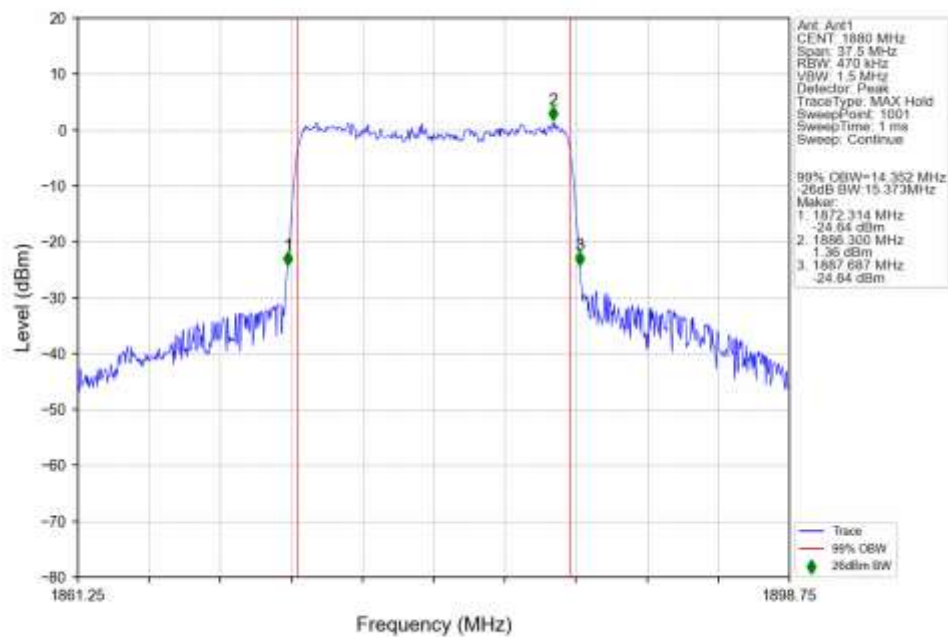
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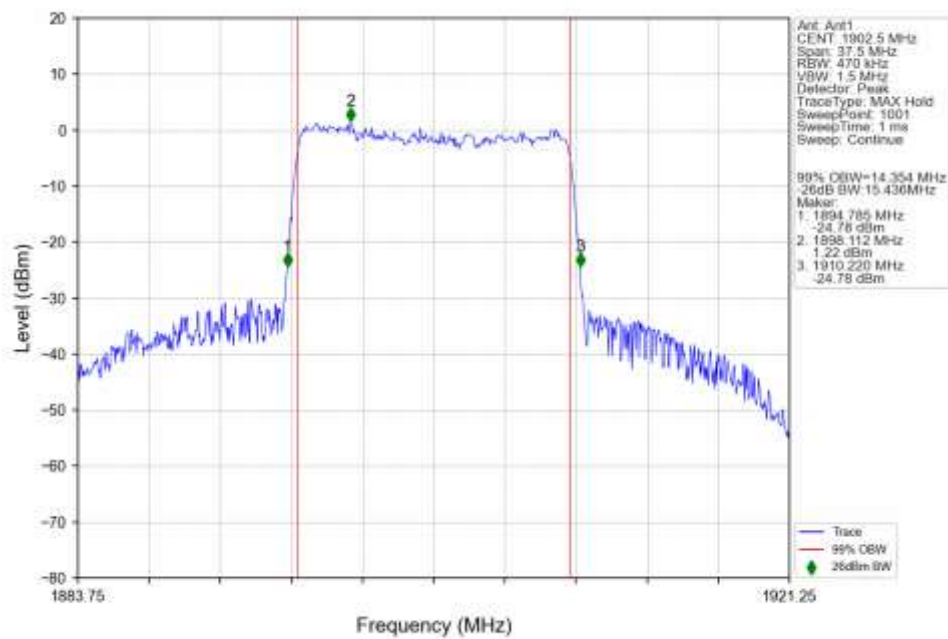
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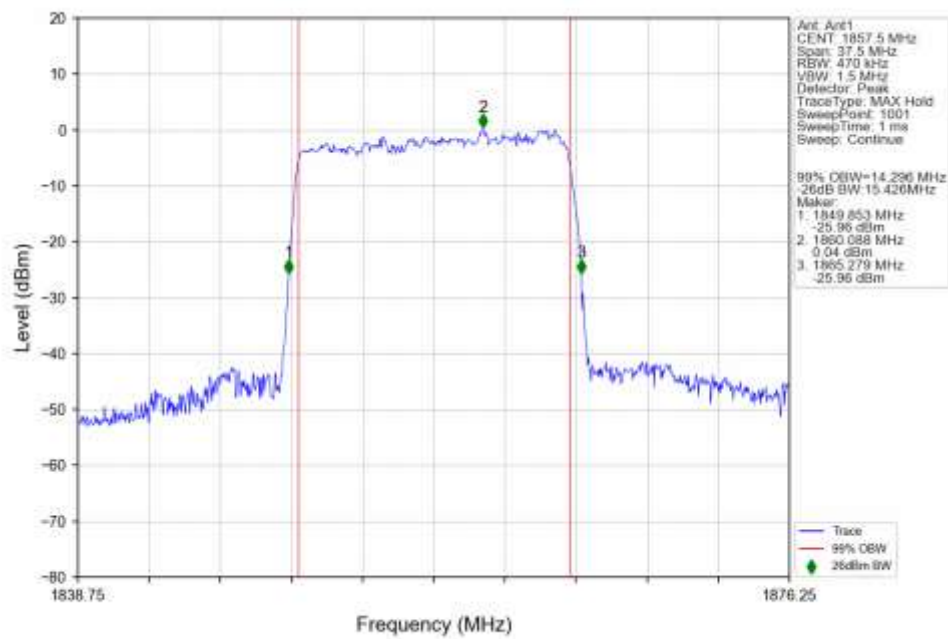
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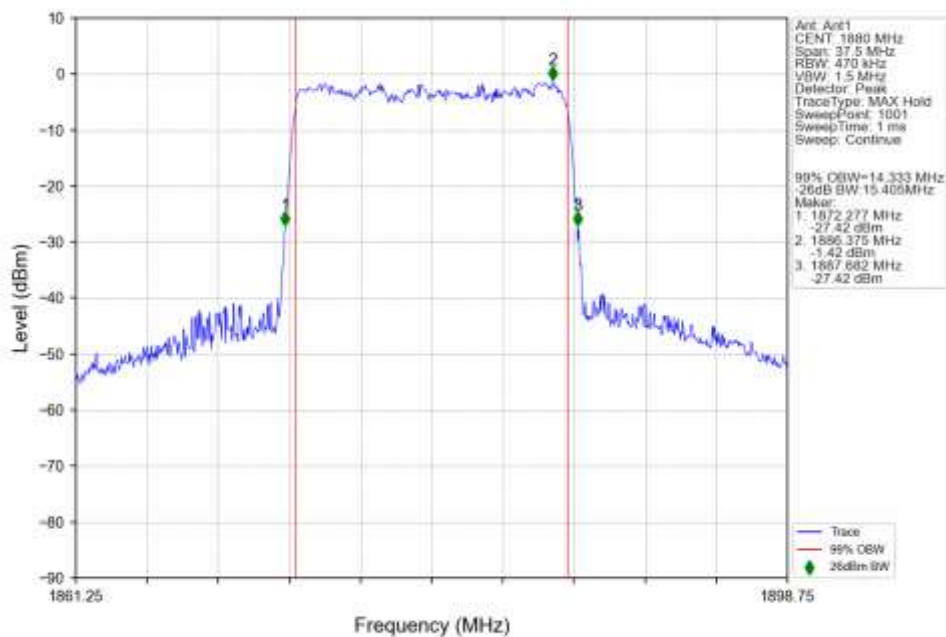
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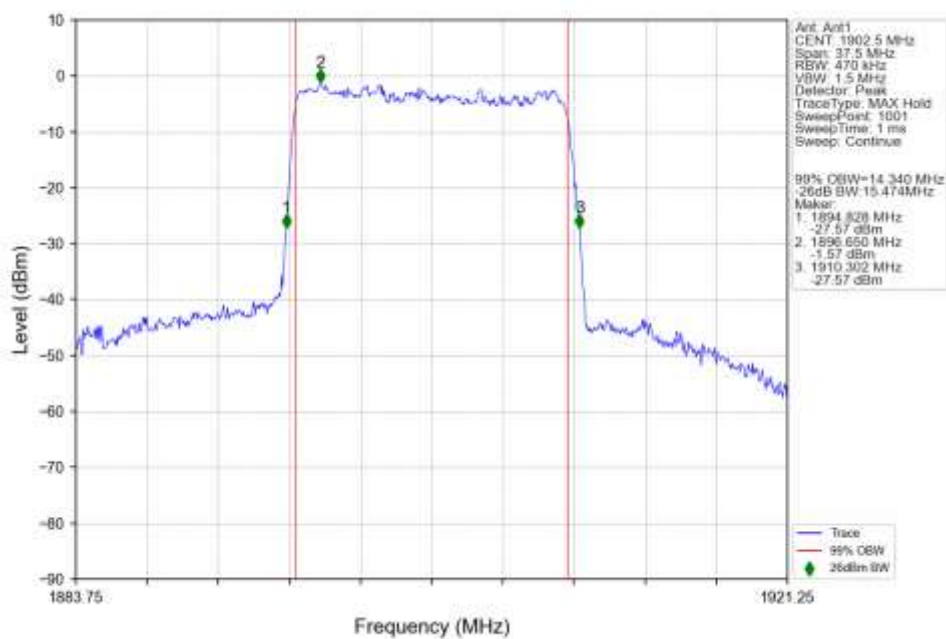
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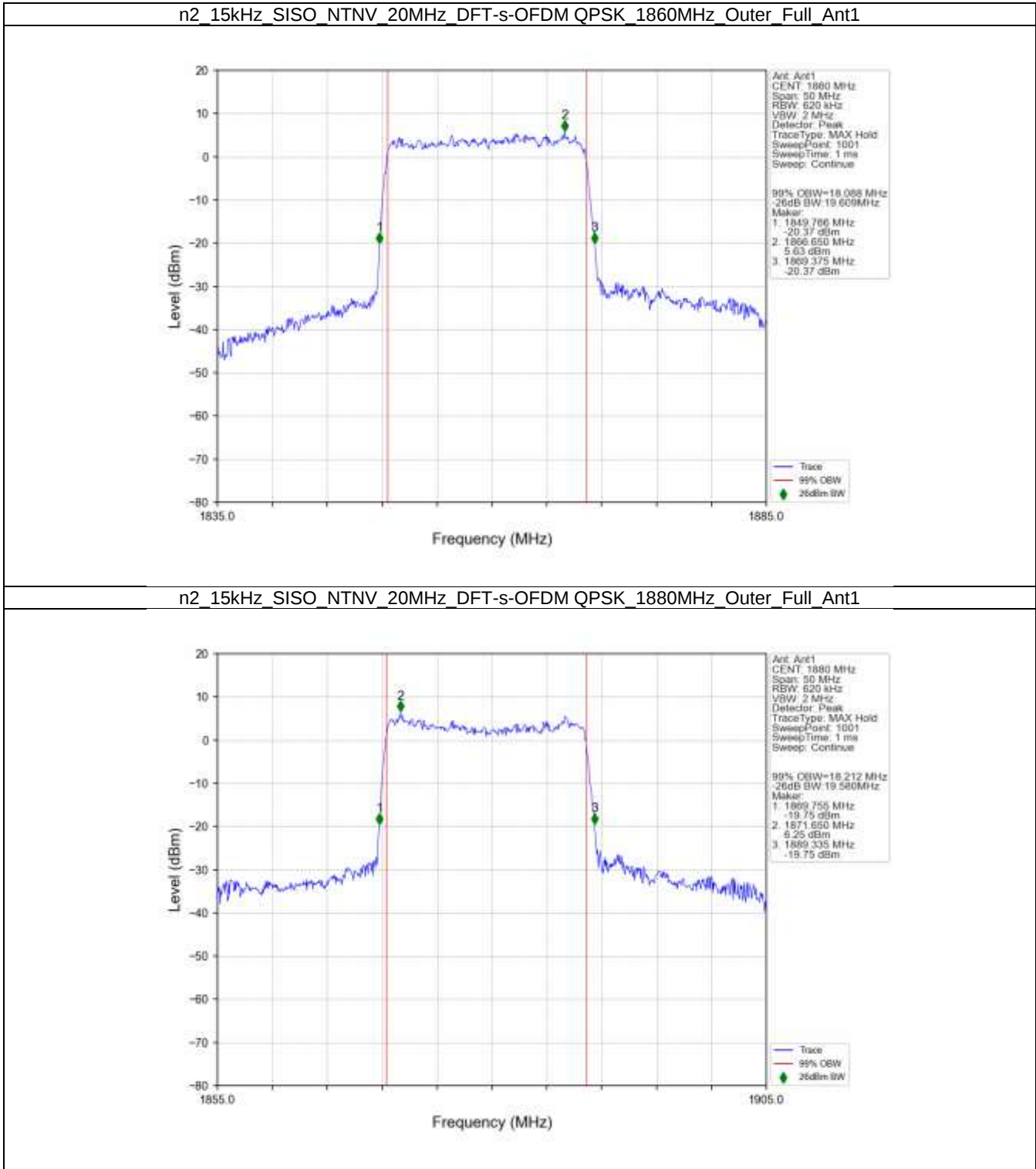
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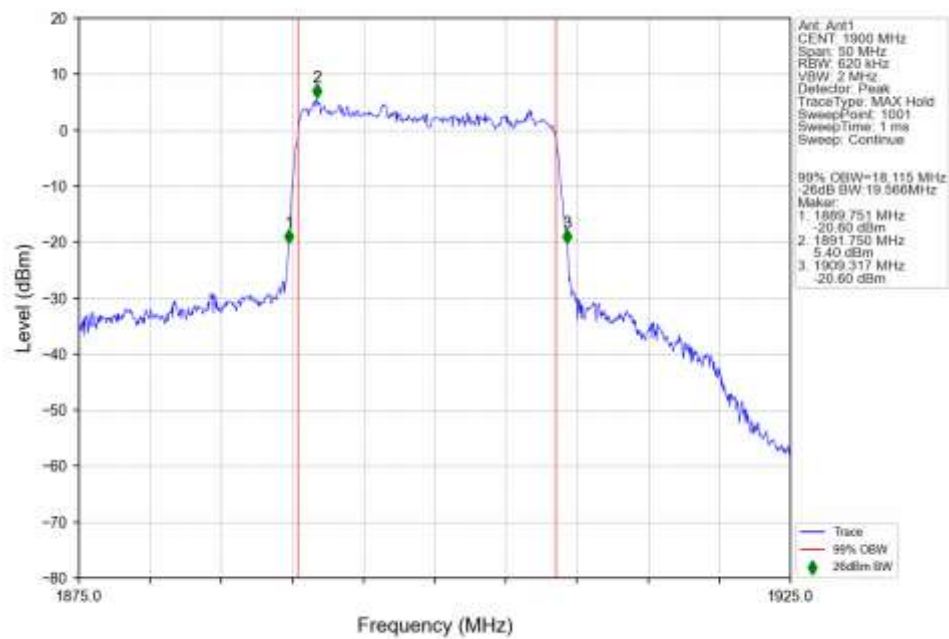
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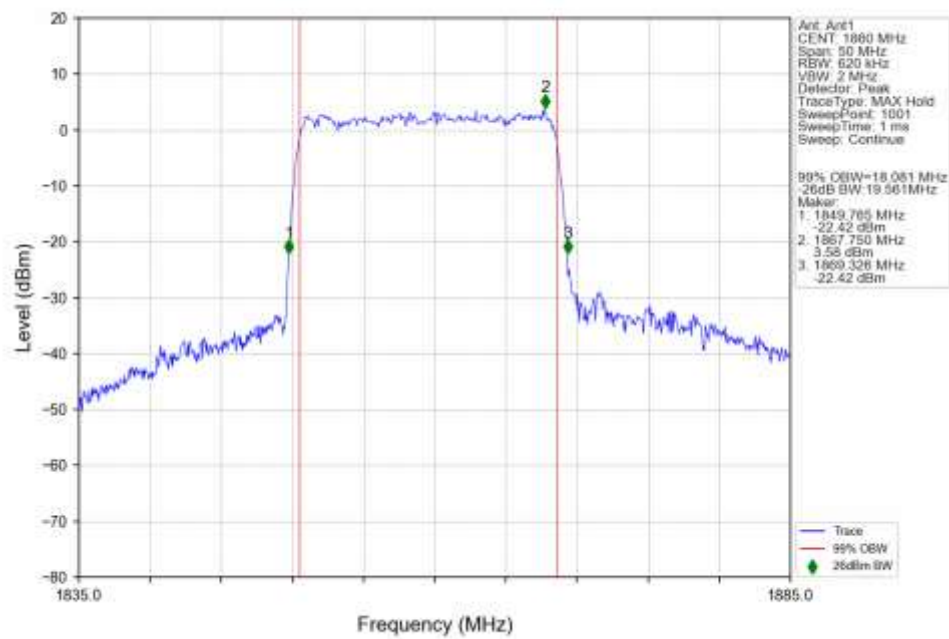
4.2.4 15k_SISO_20MHz_NTNV



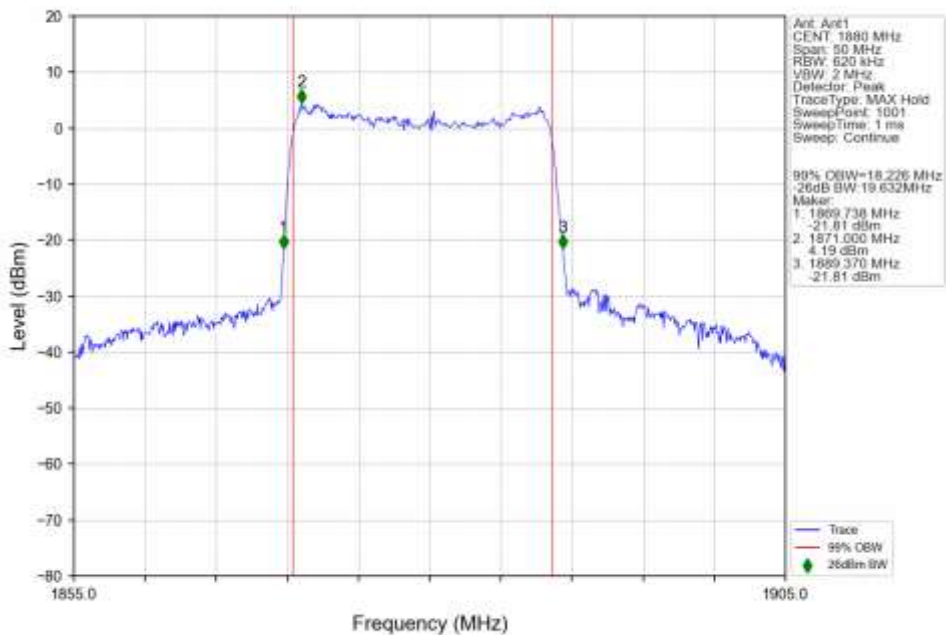
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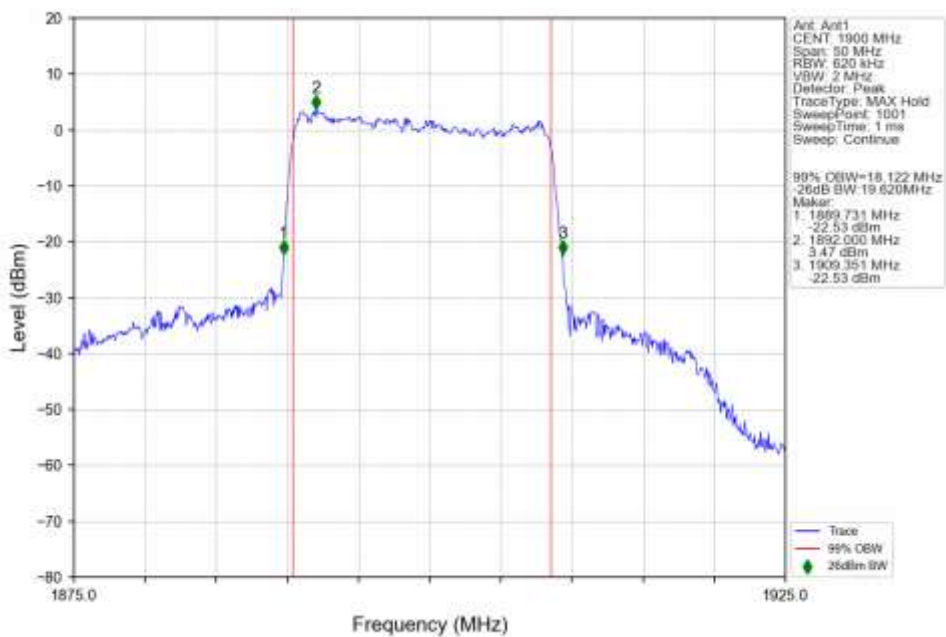
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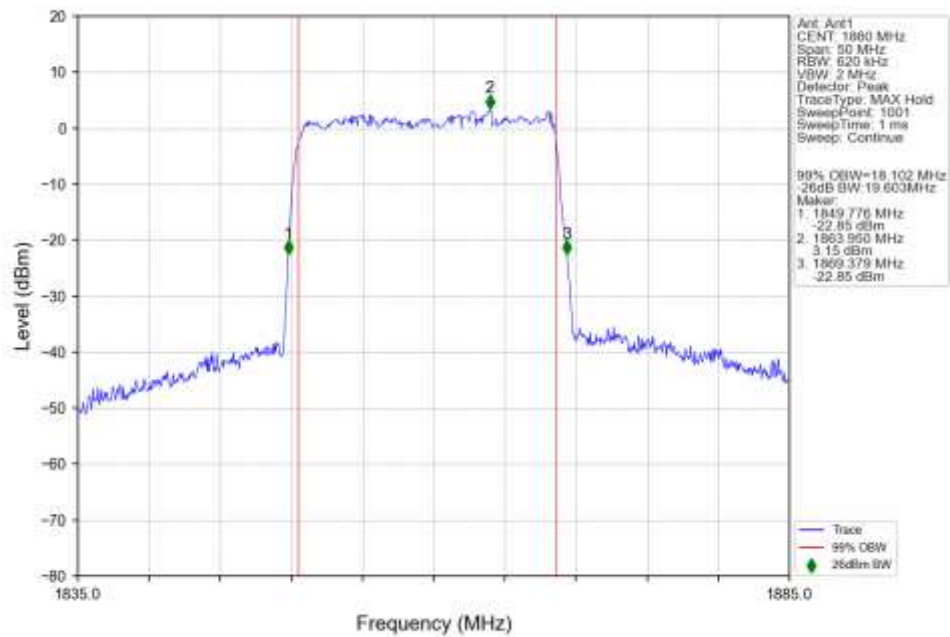
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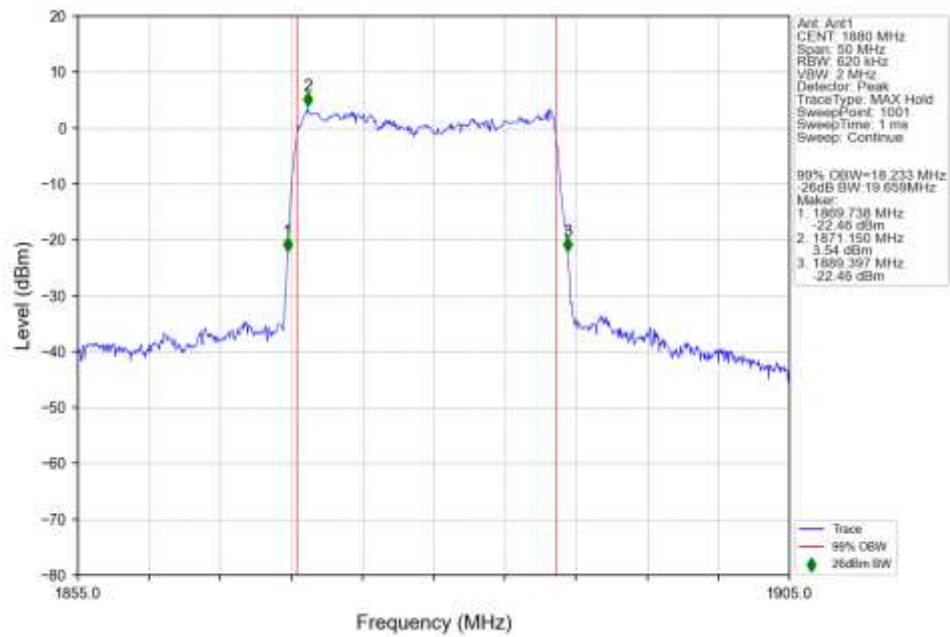
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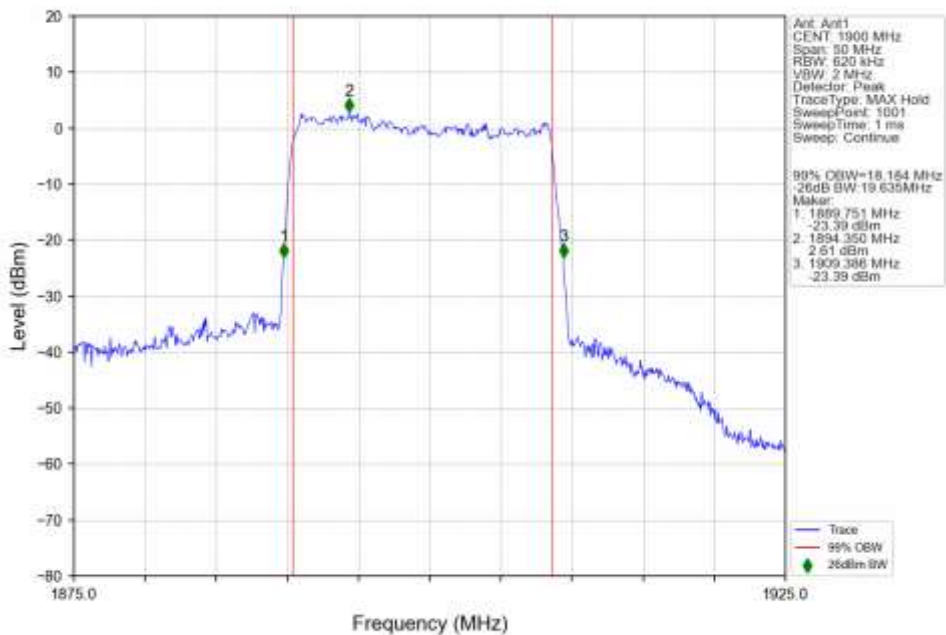
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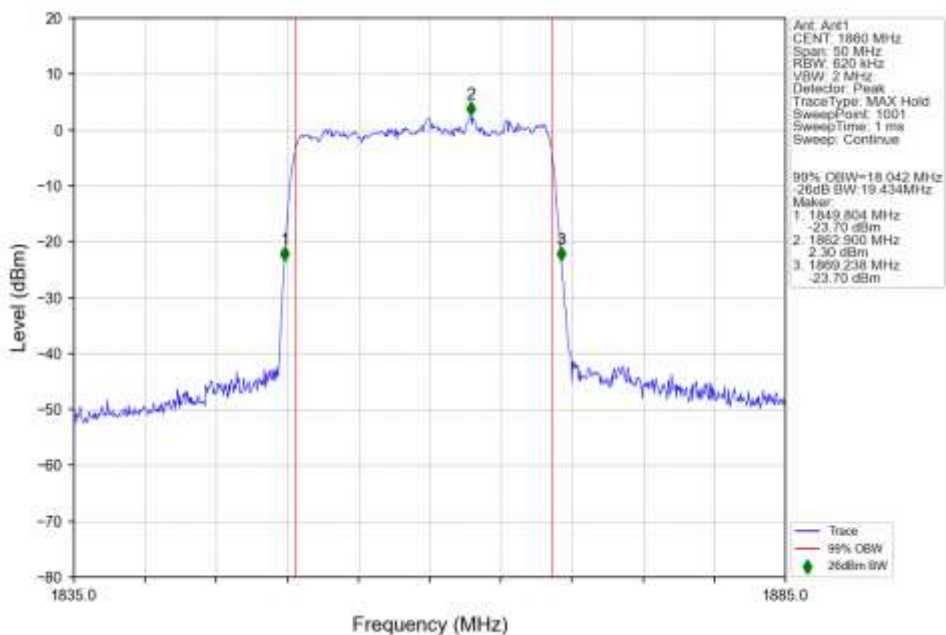
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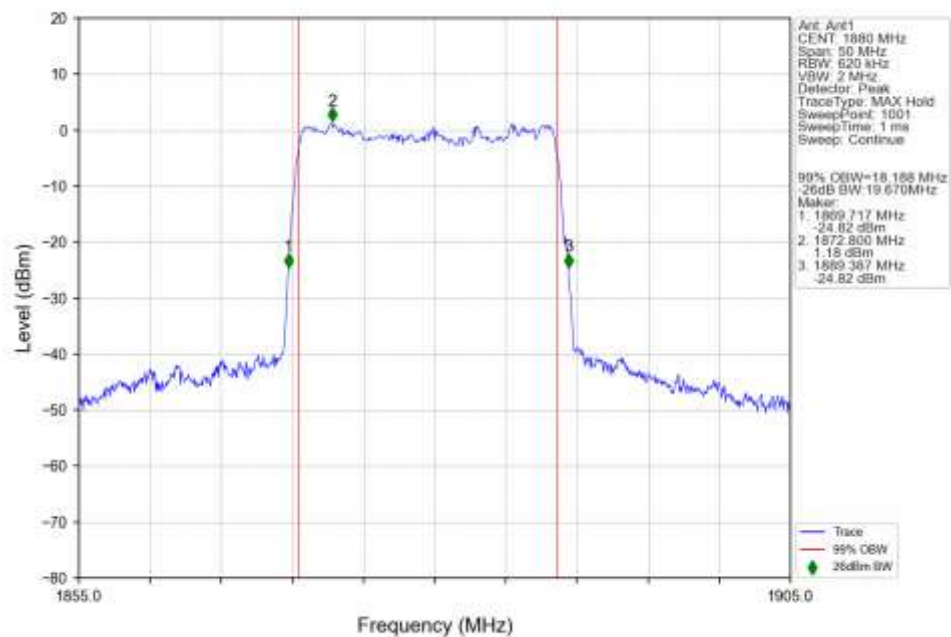
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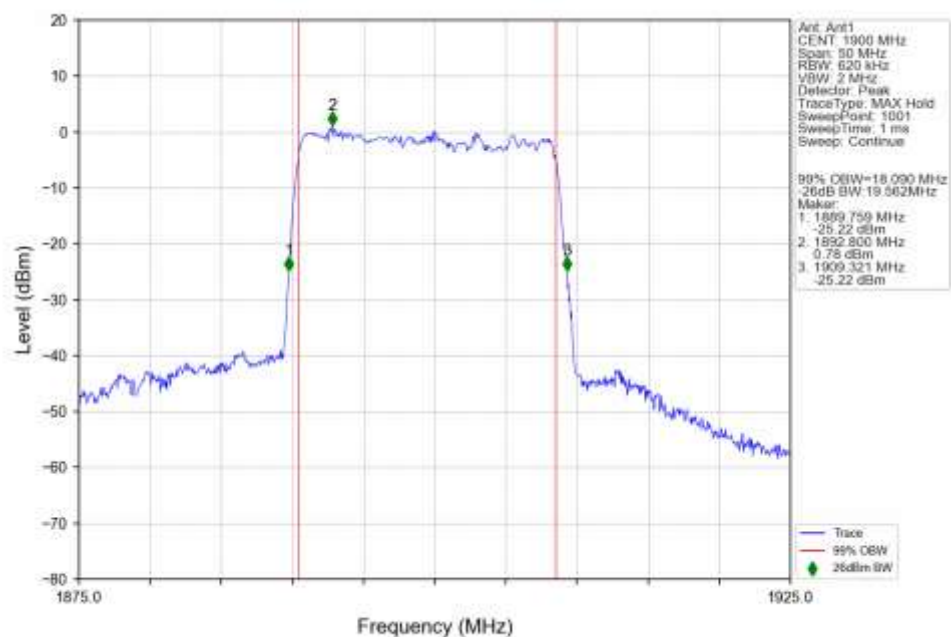
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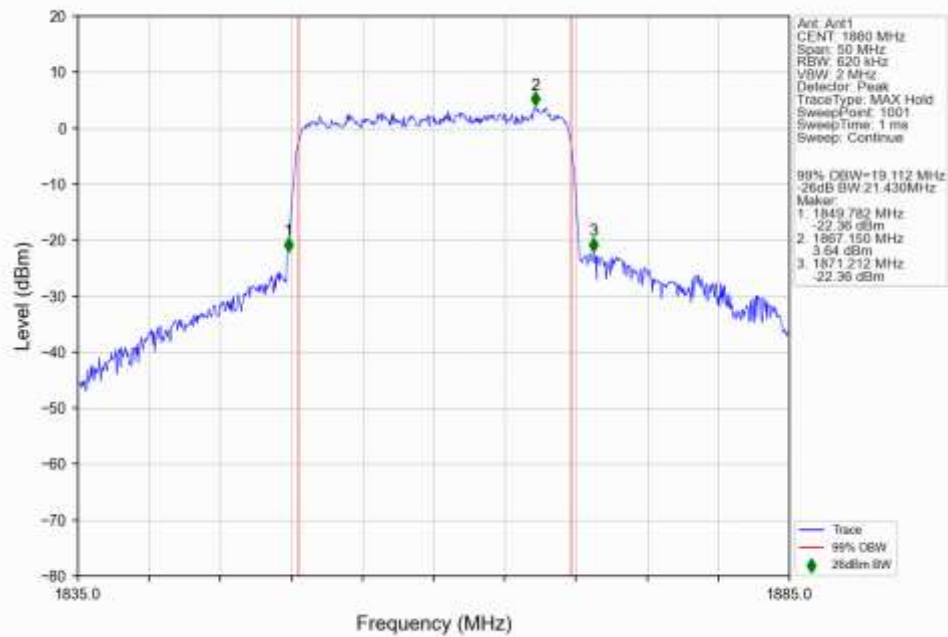
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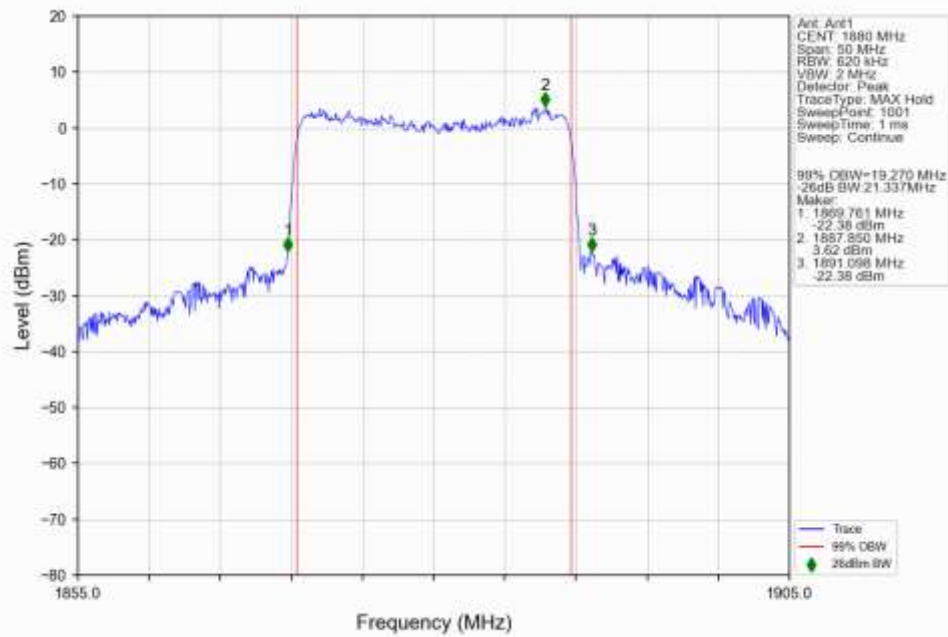
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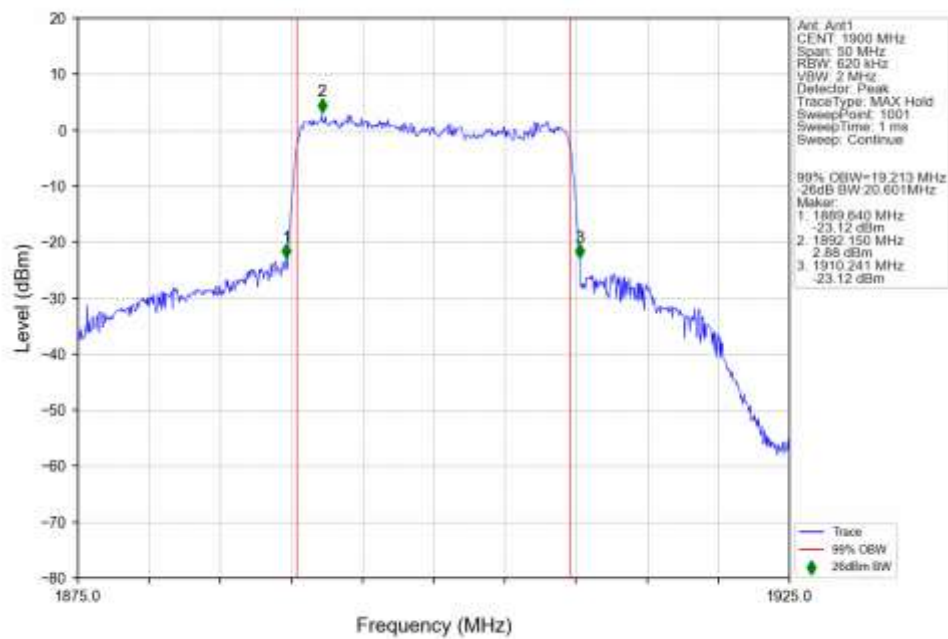
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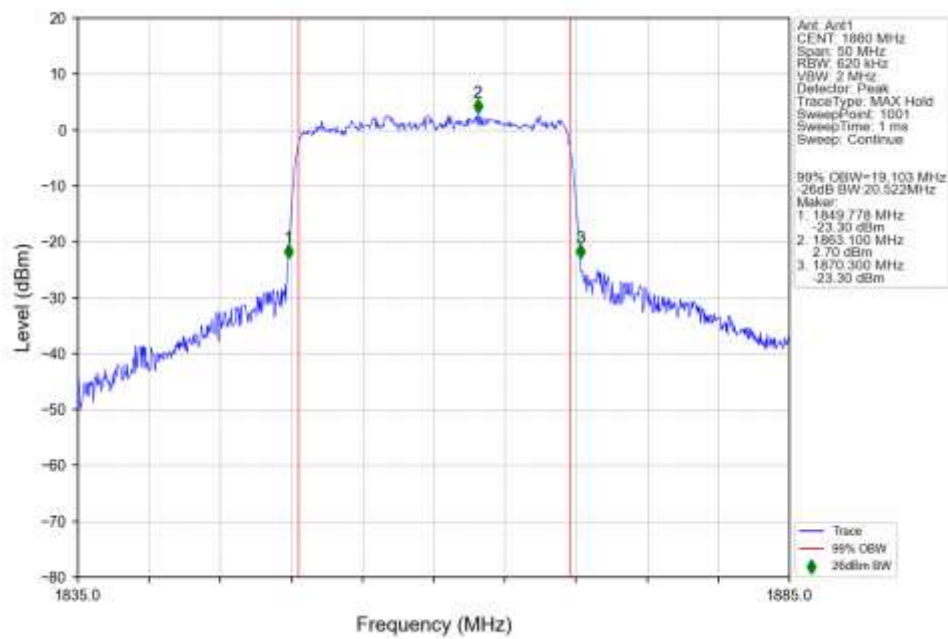
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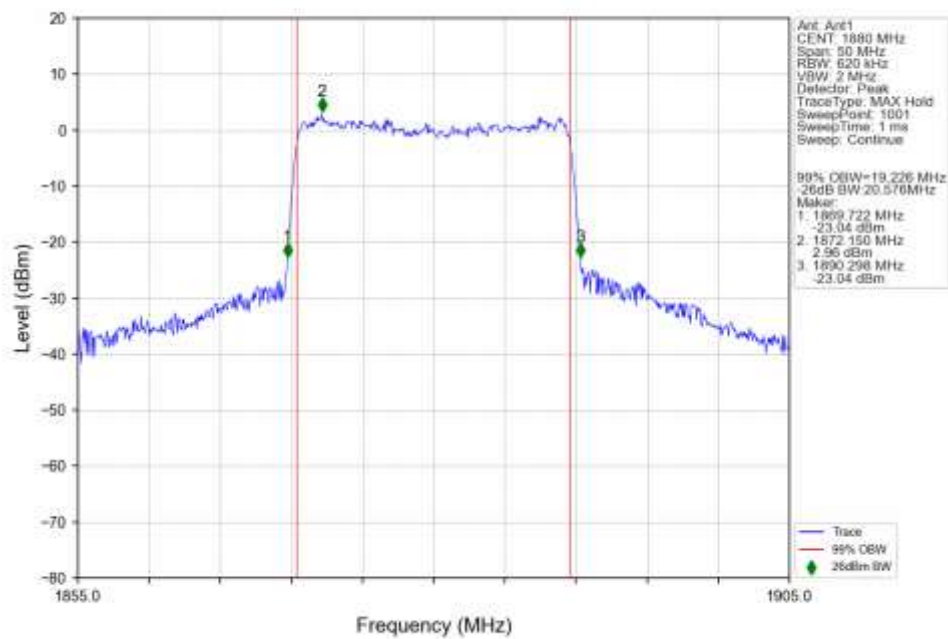
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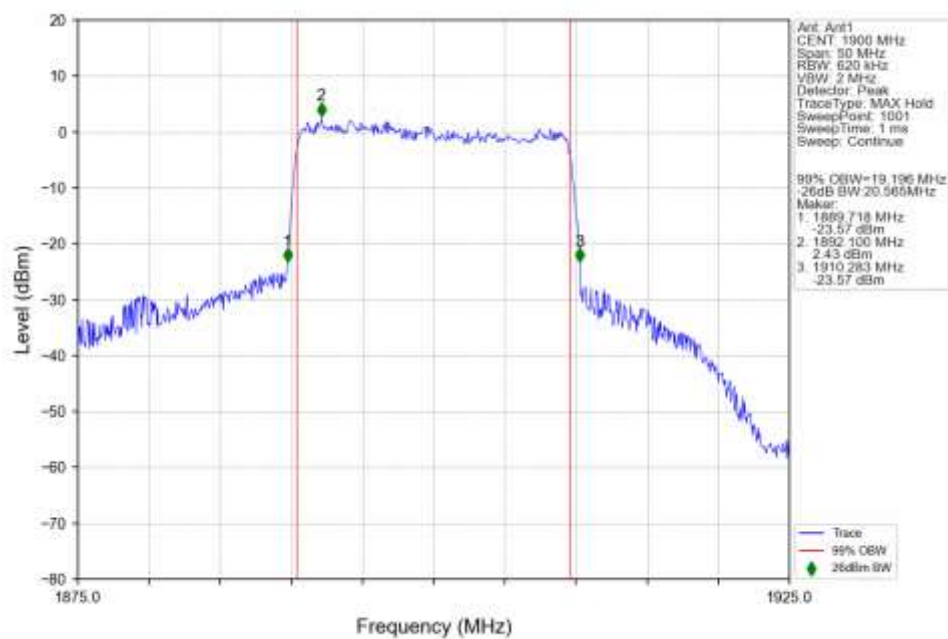
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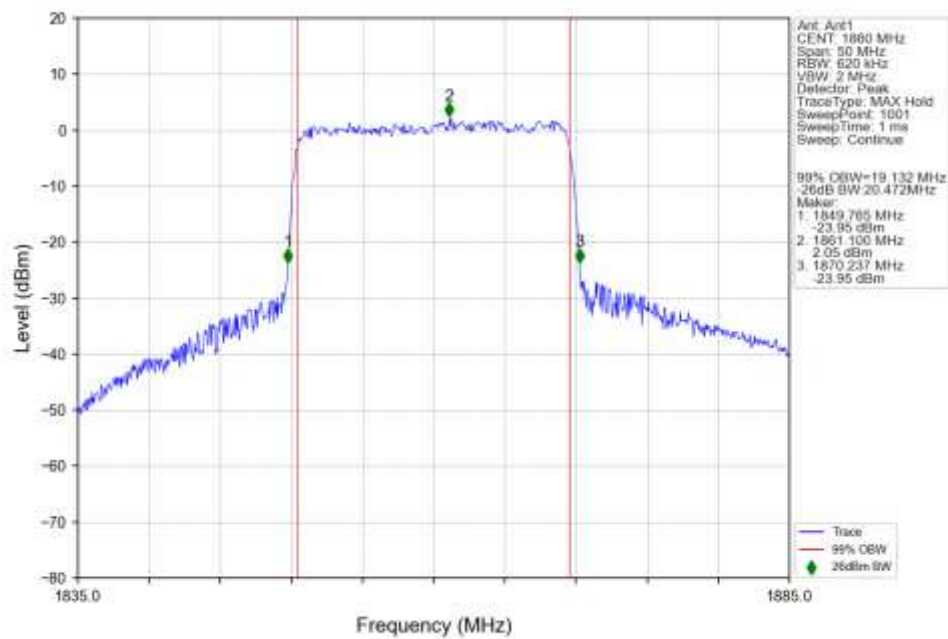
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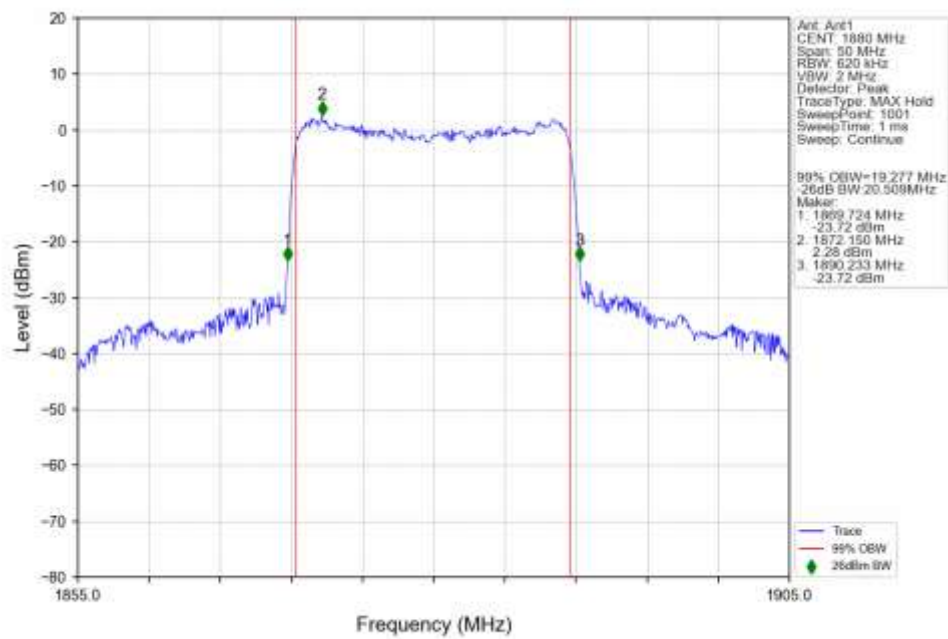
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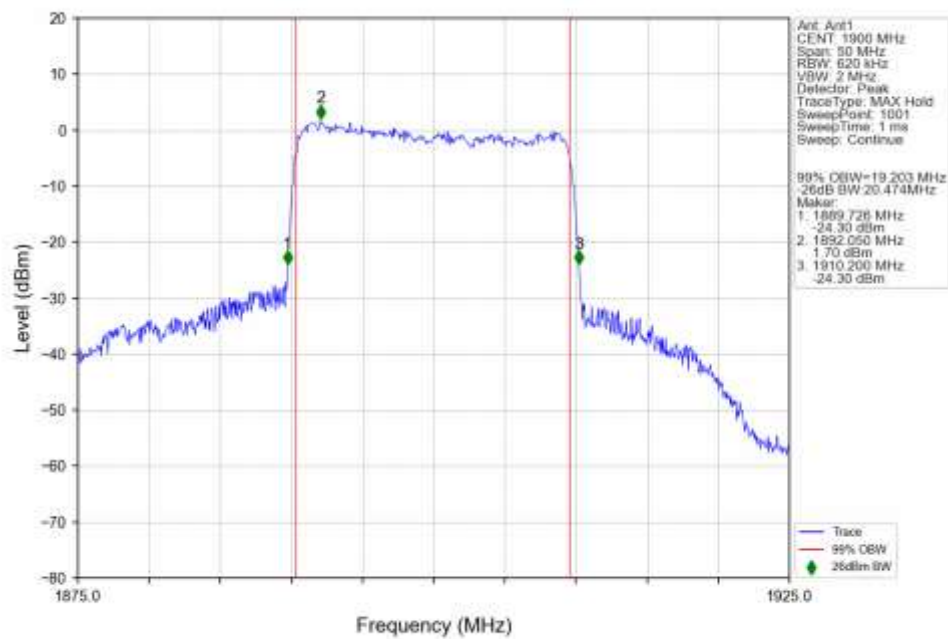
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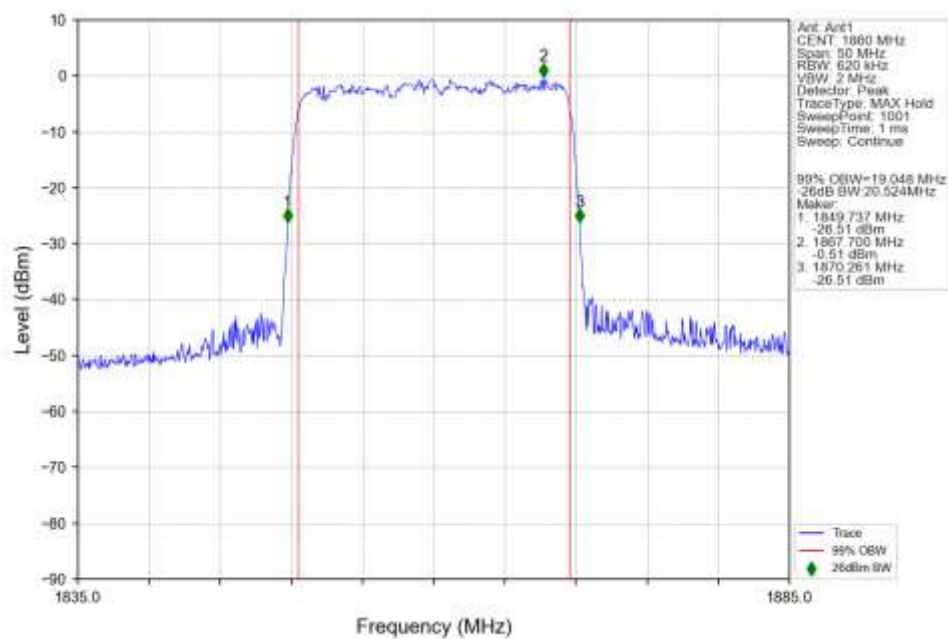
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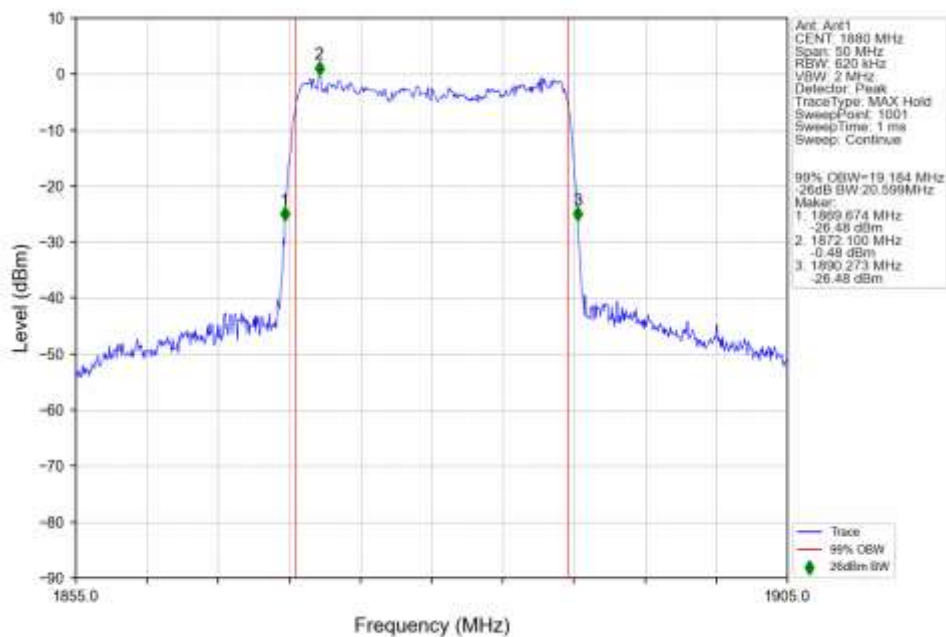
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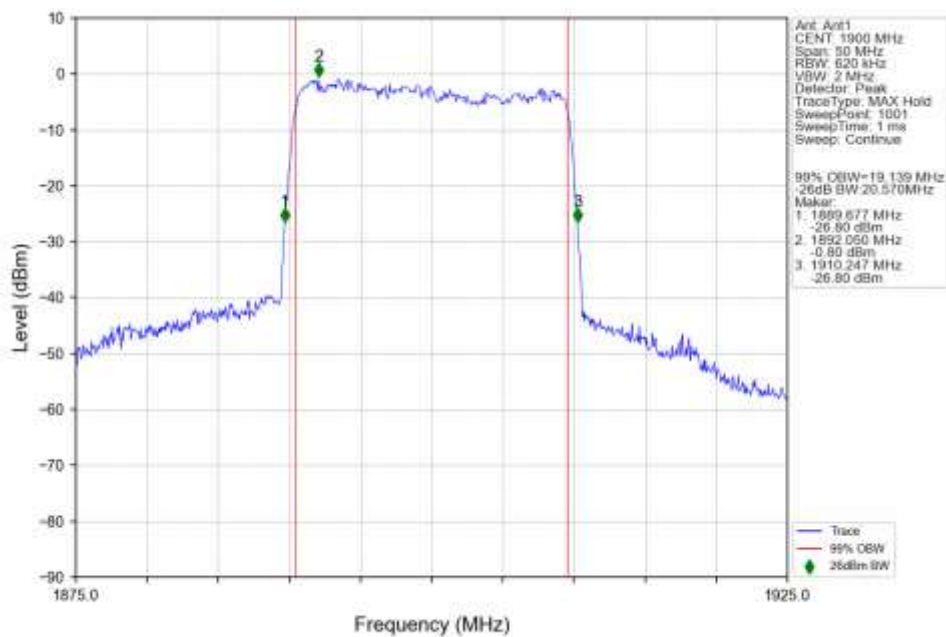
n2_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 1860MHz_Outer_Full_Ant1



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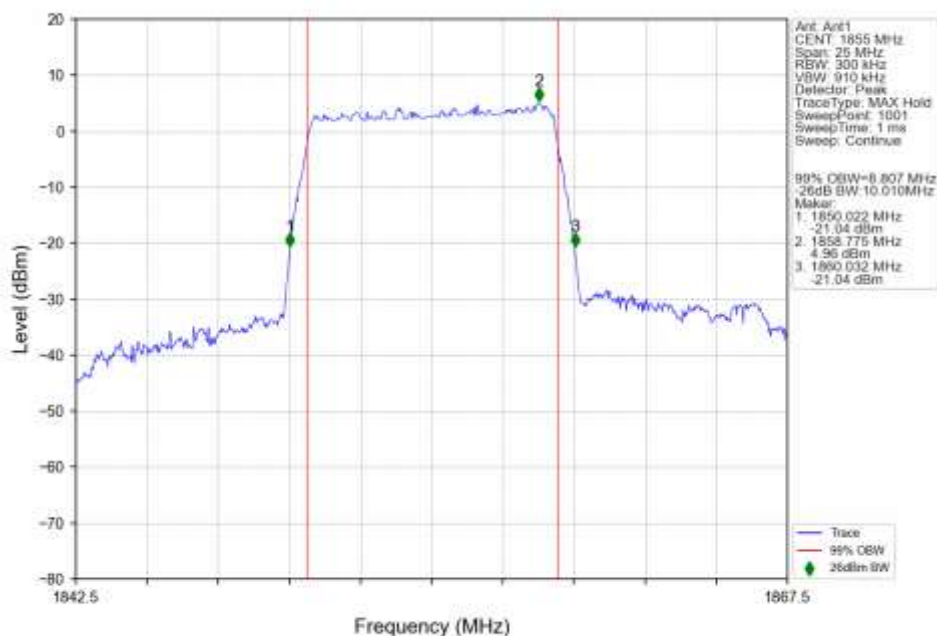


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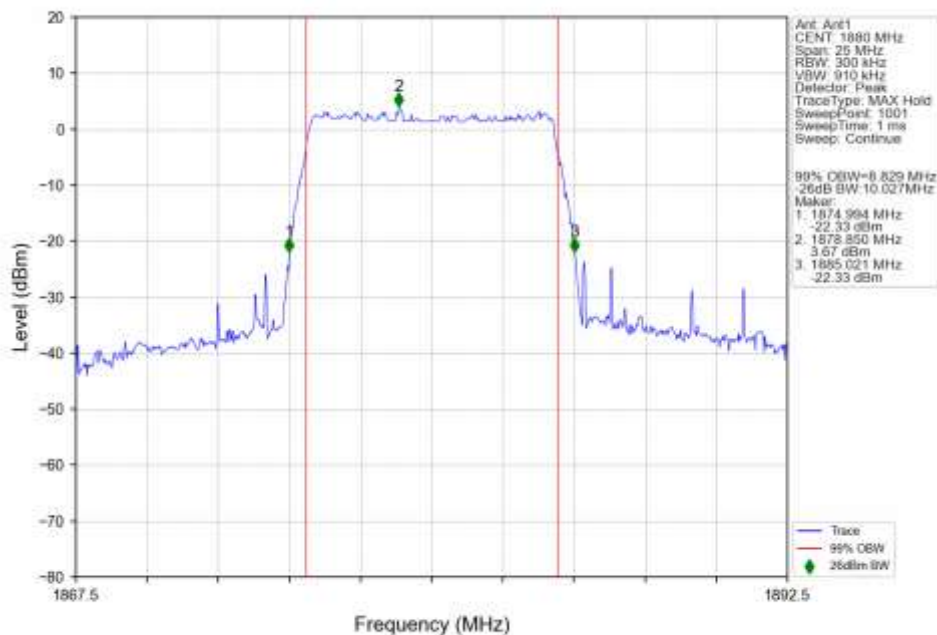


4.2.5 30k_SISO_10MHz_NTNV

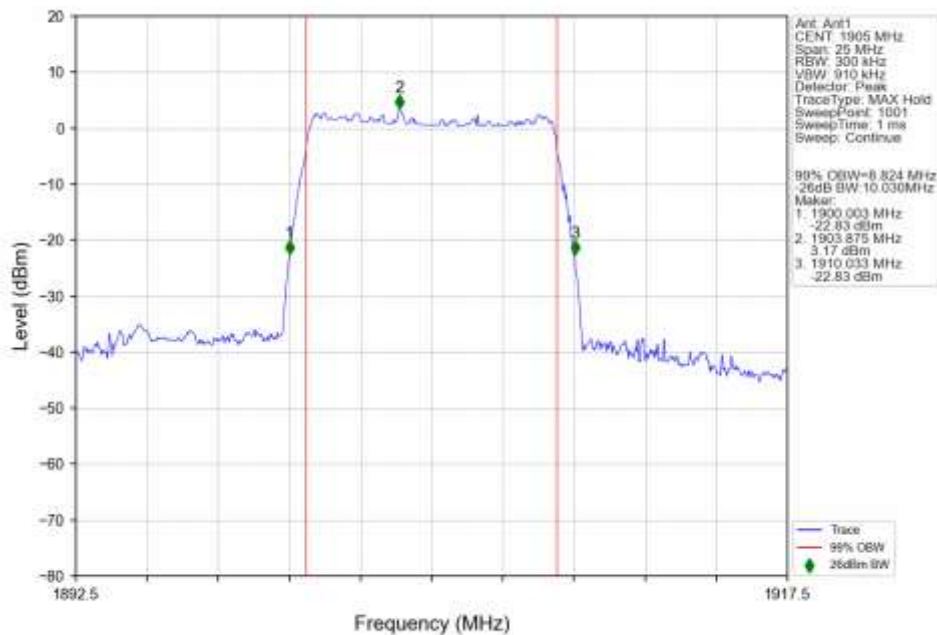
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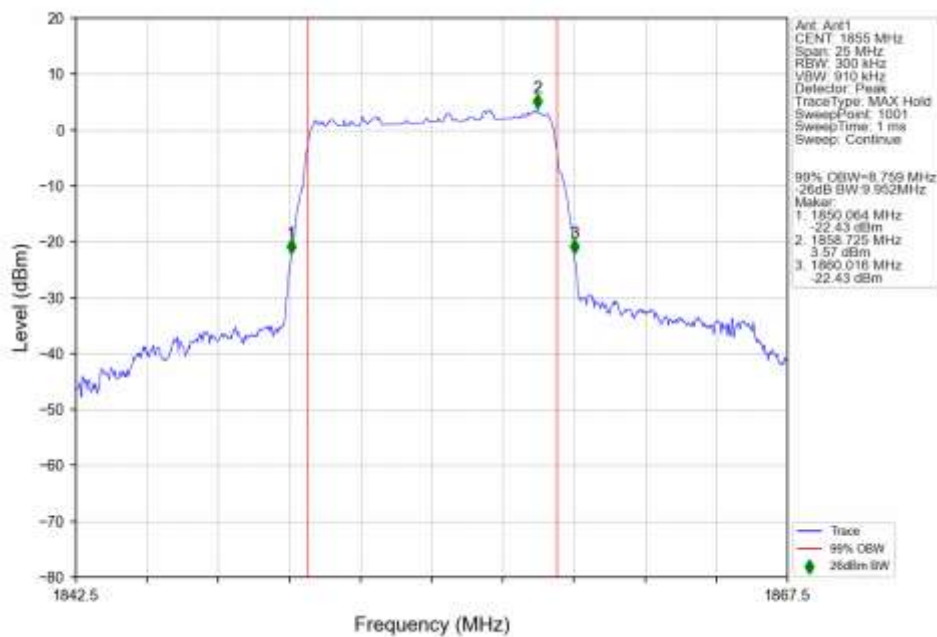
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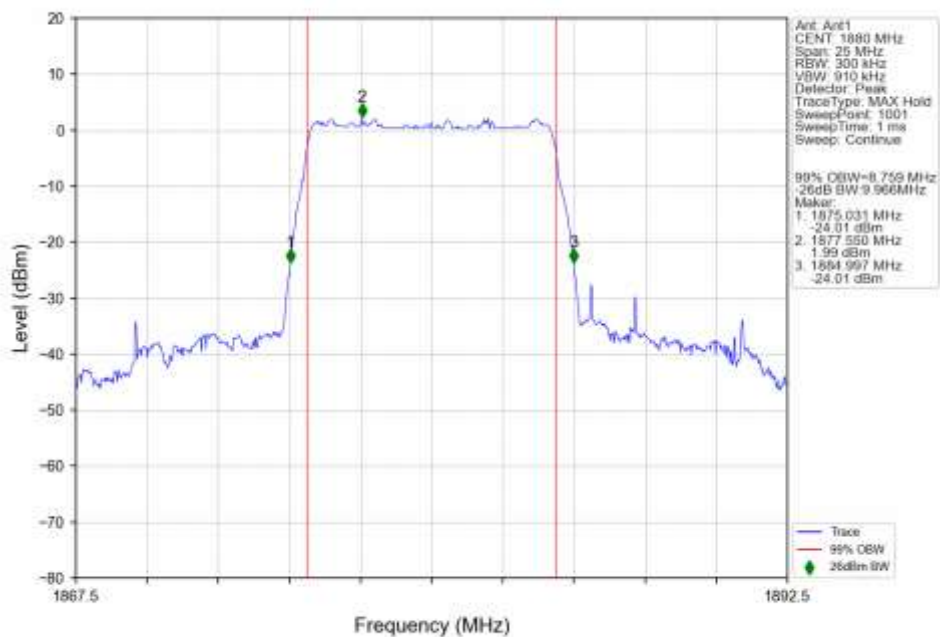
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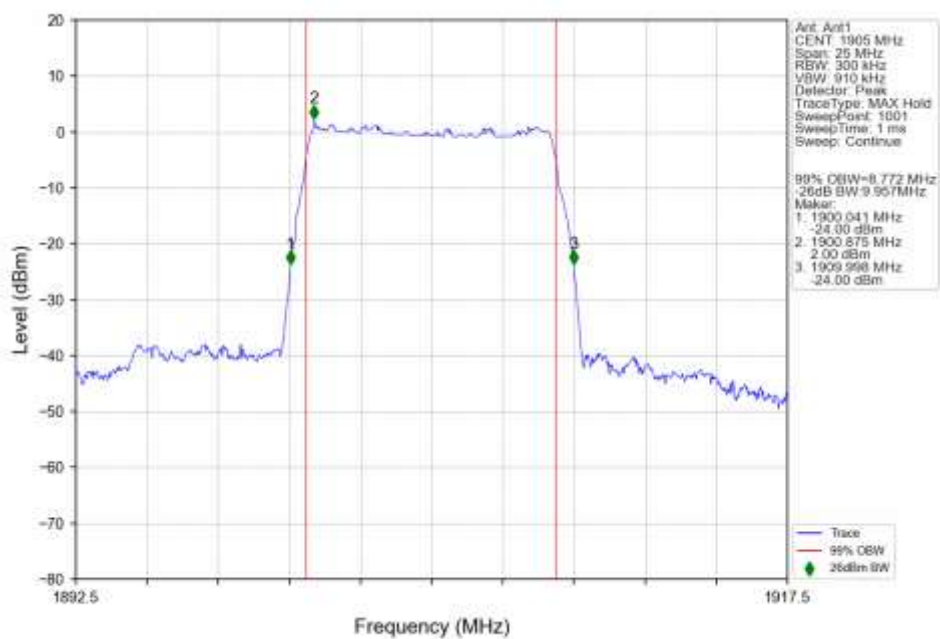
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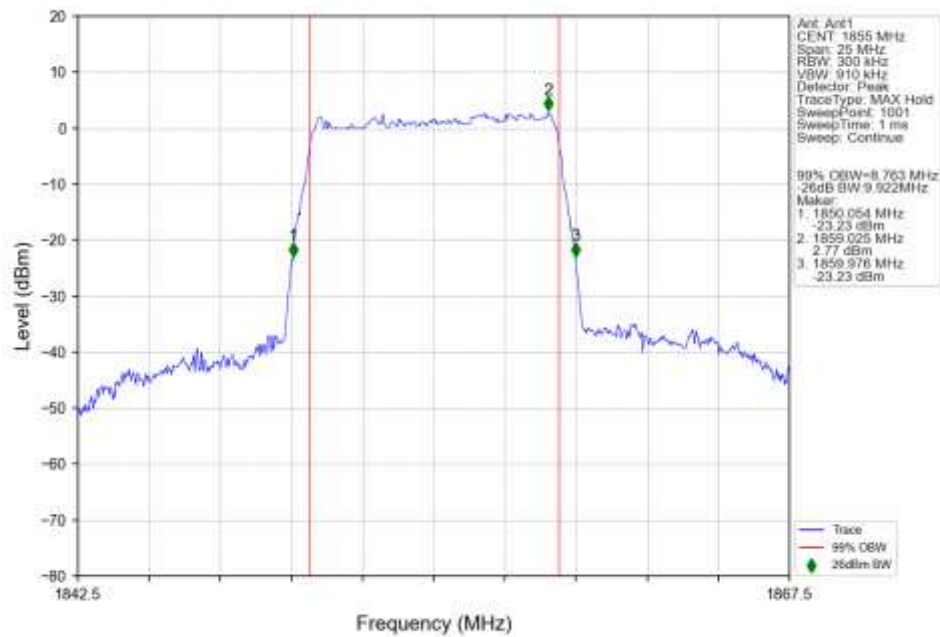
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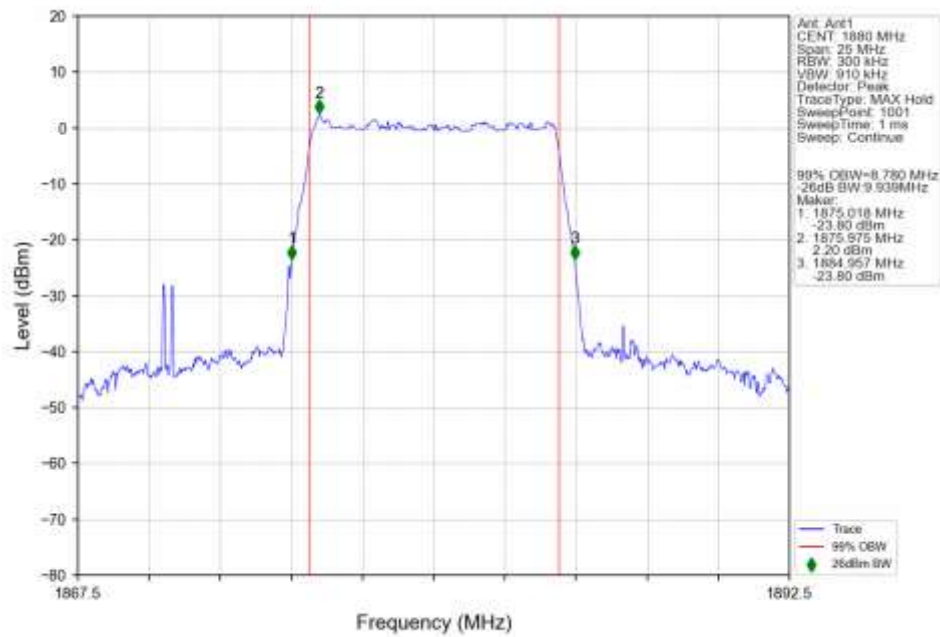
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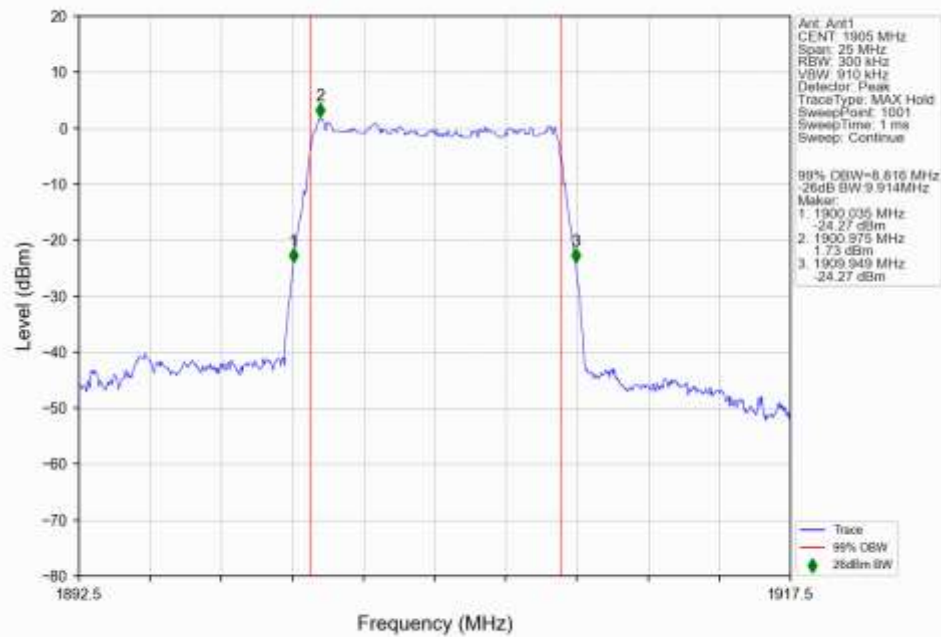
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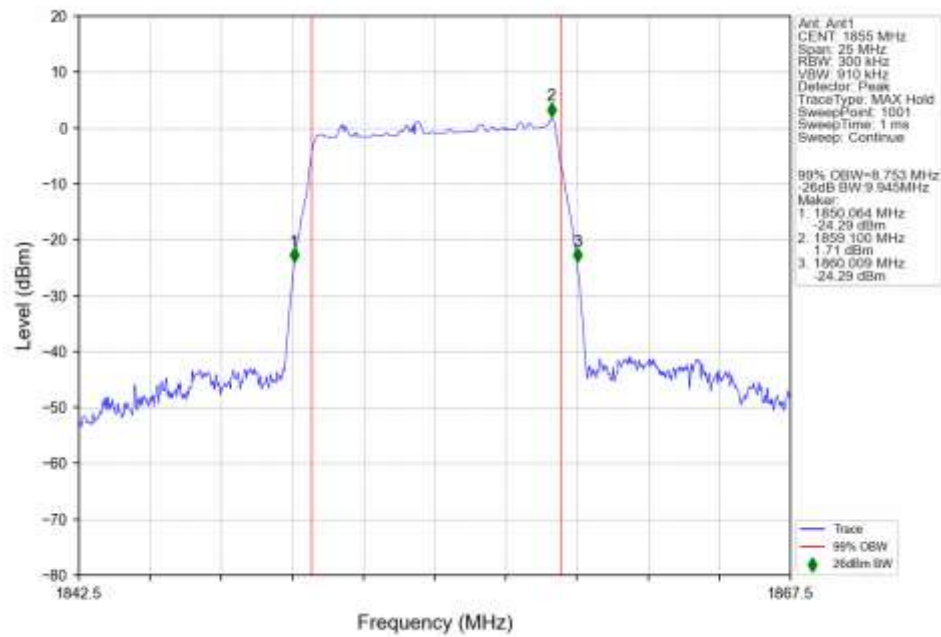
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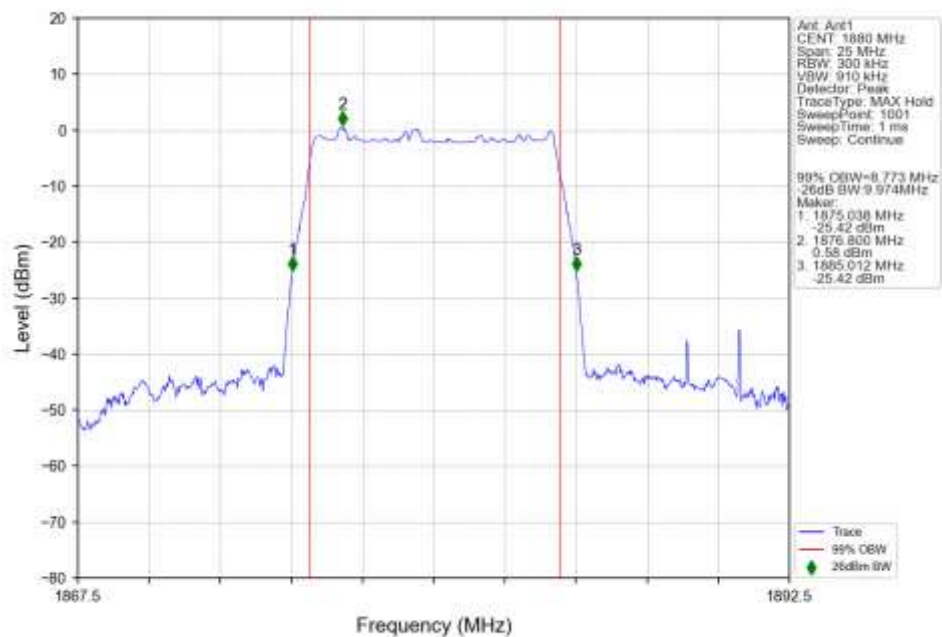
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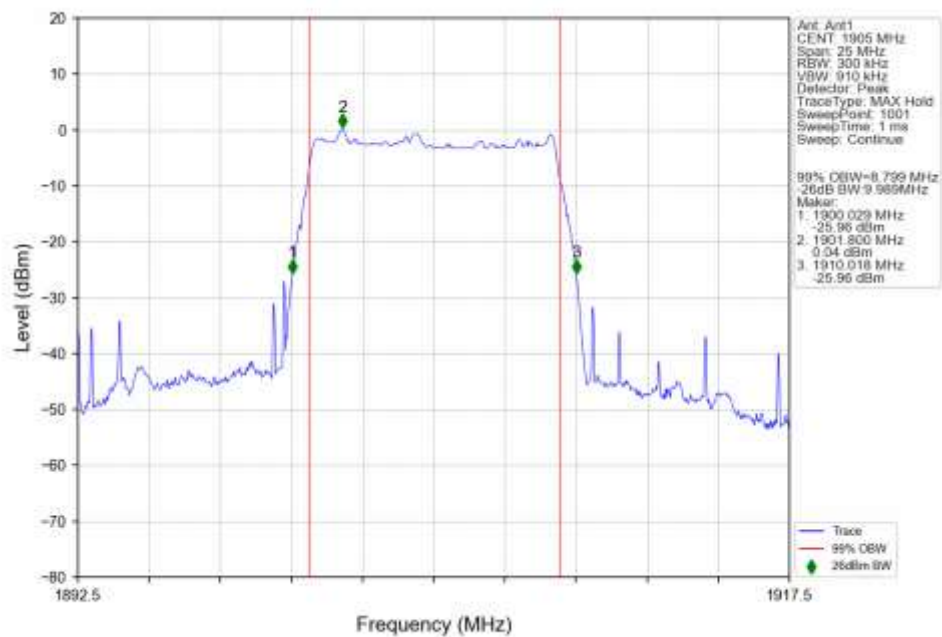
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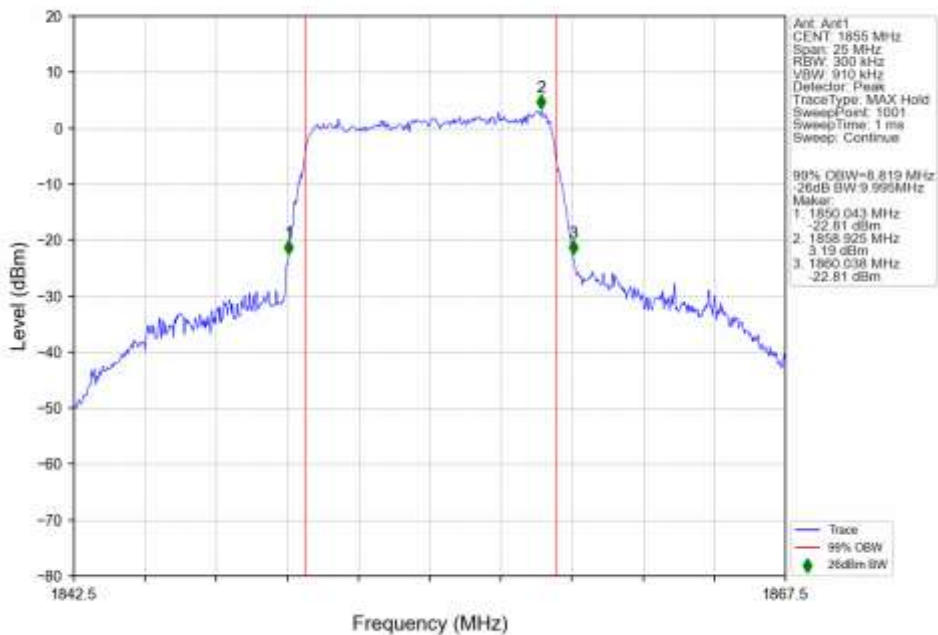
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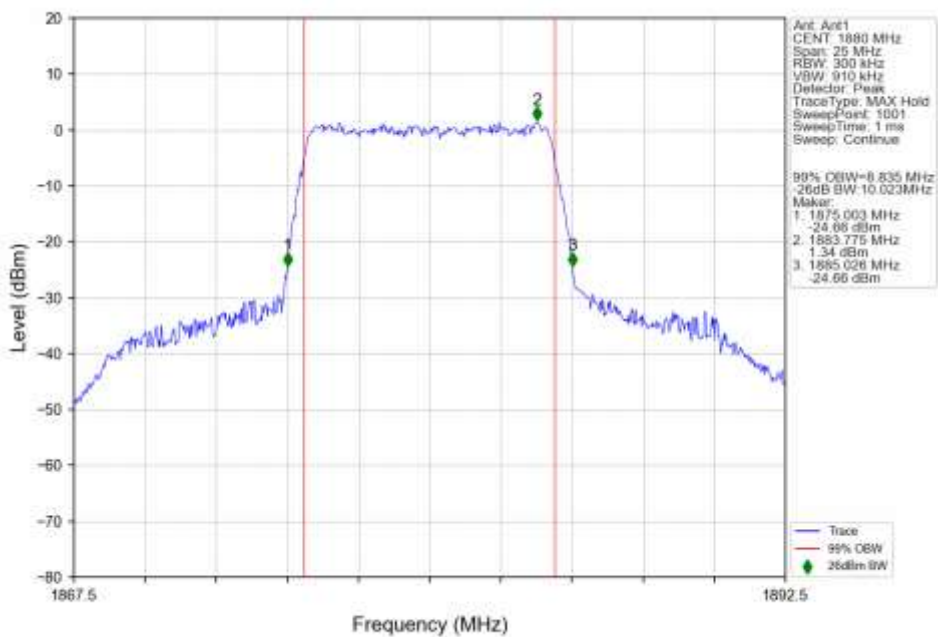
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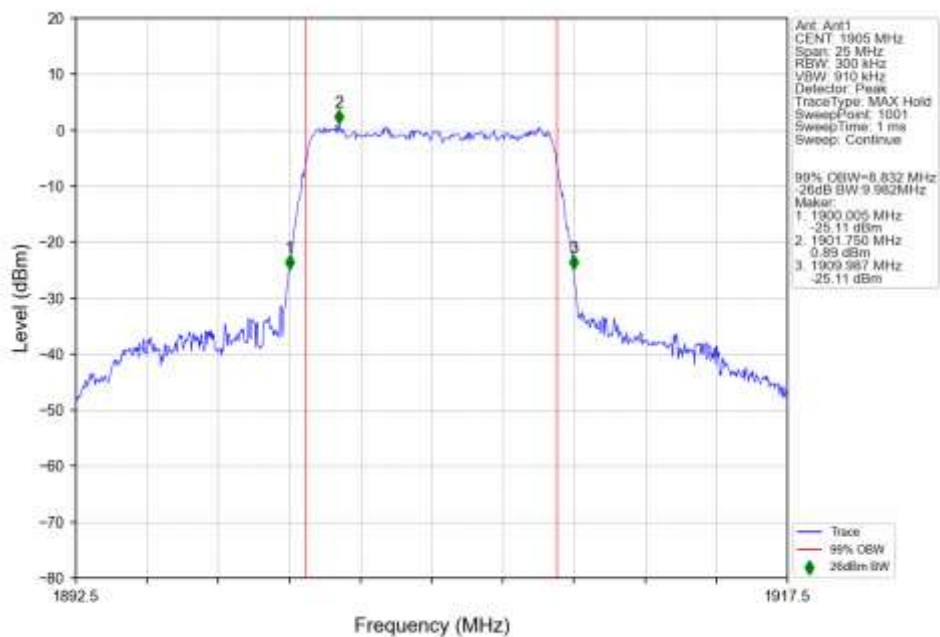
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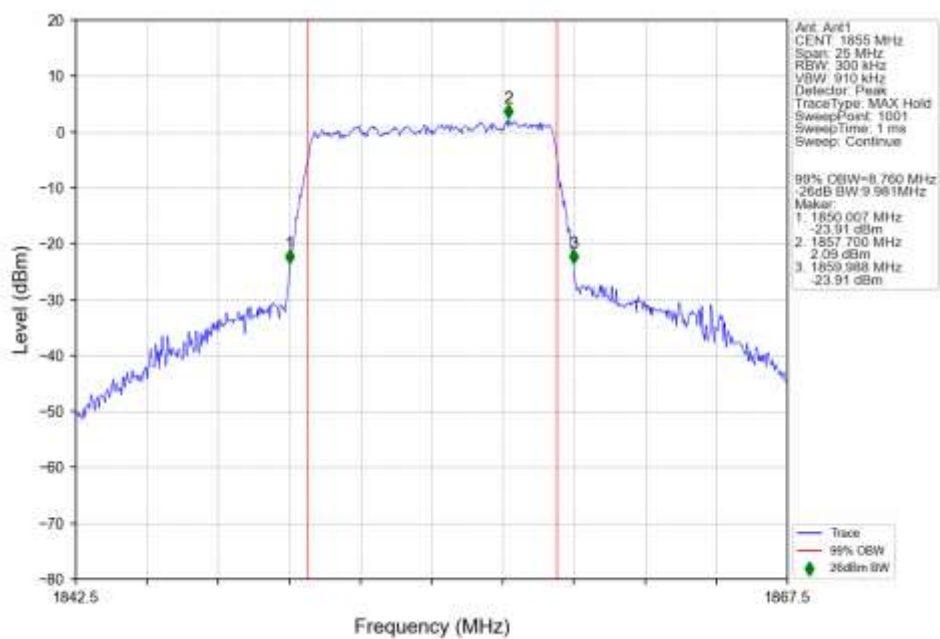
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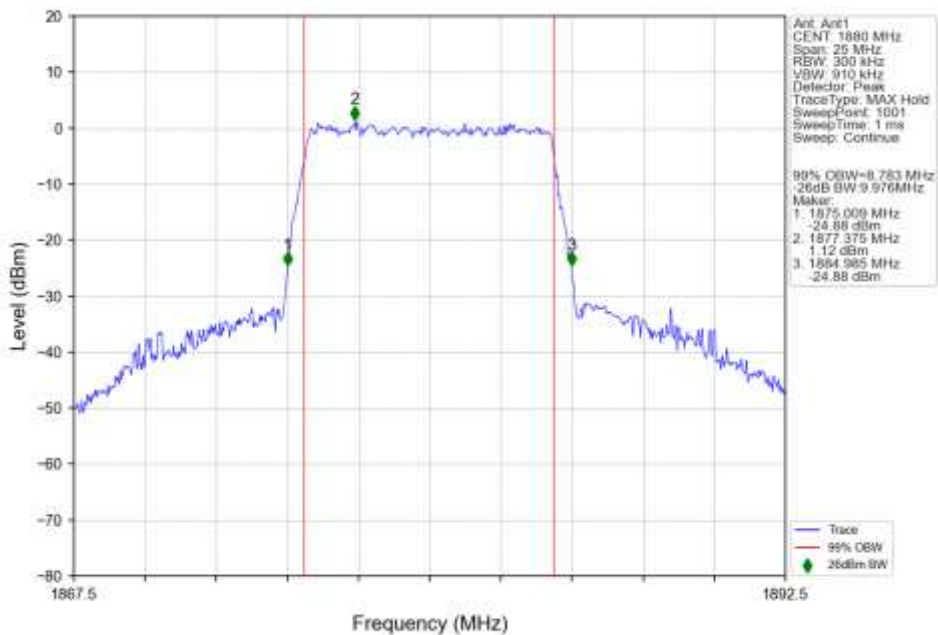
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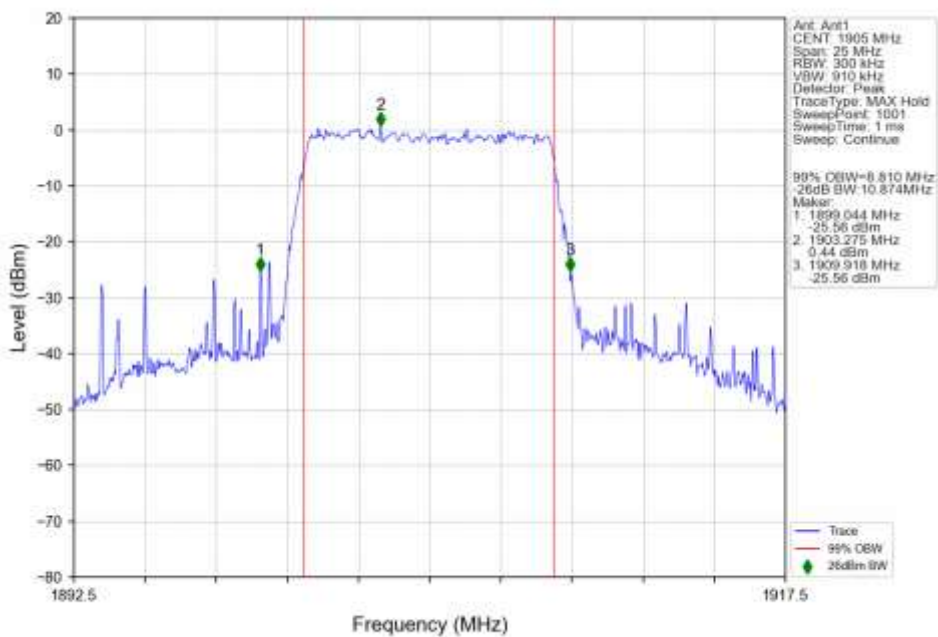
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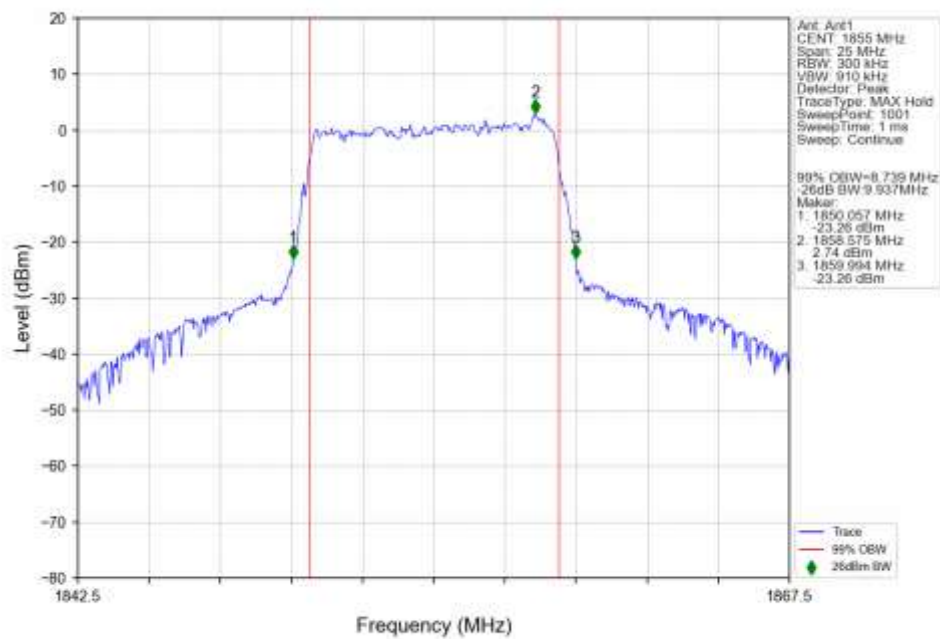
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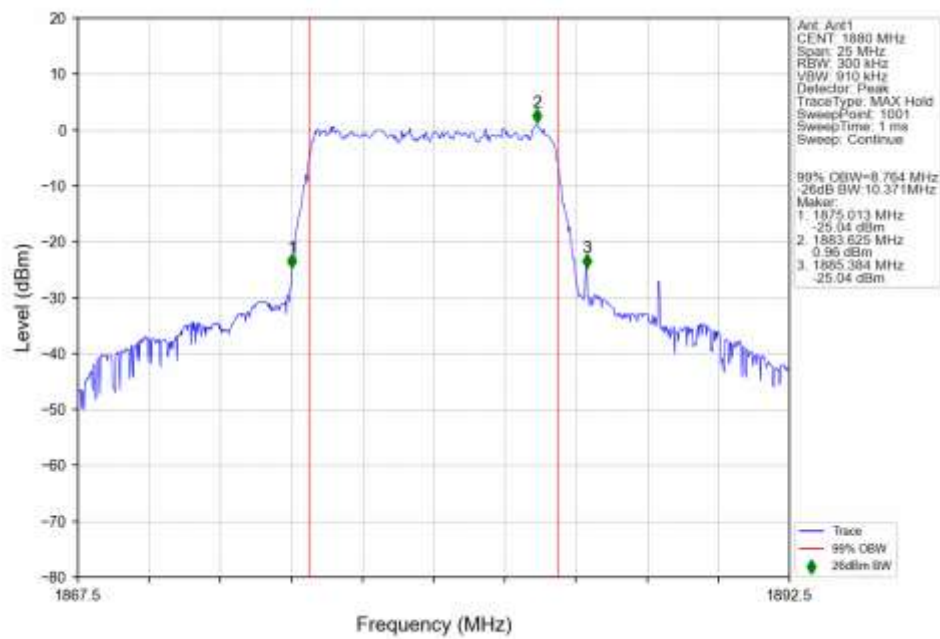
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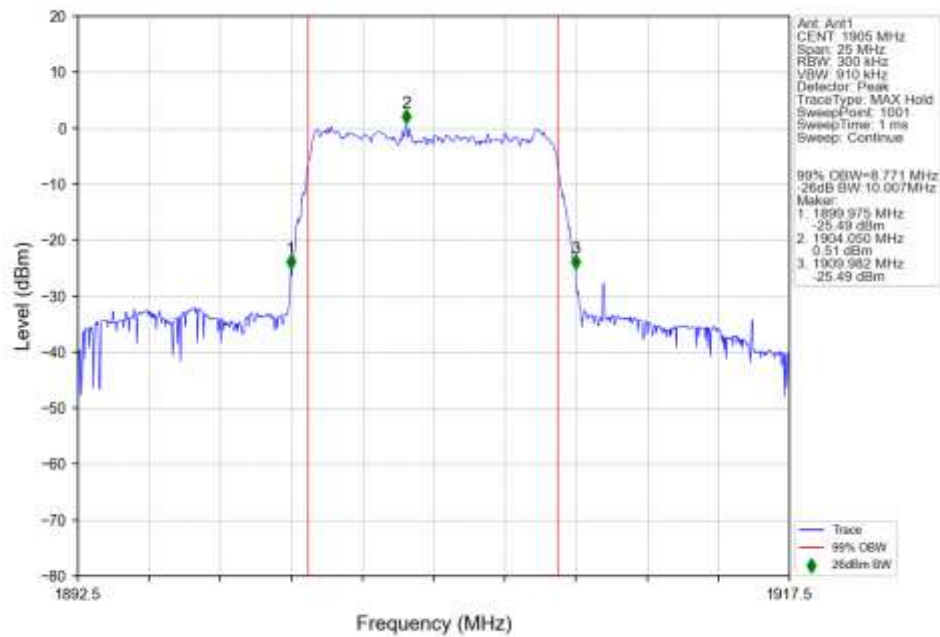
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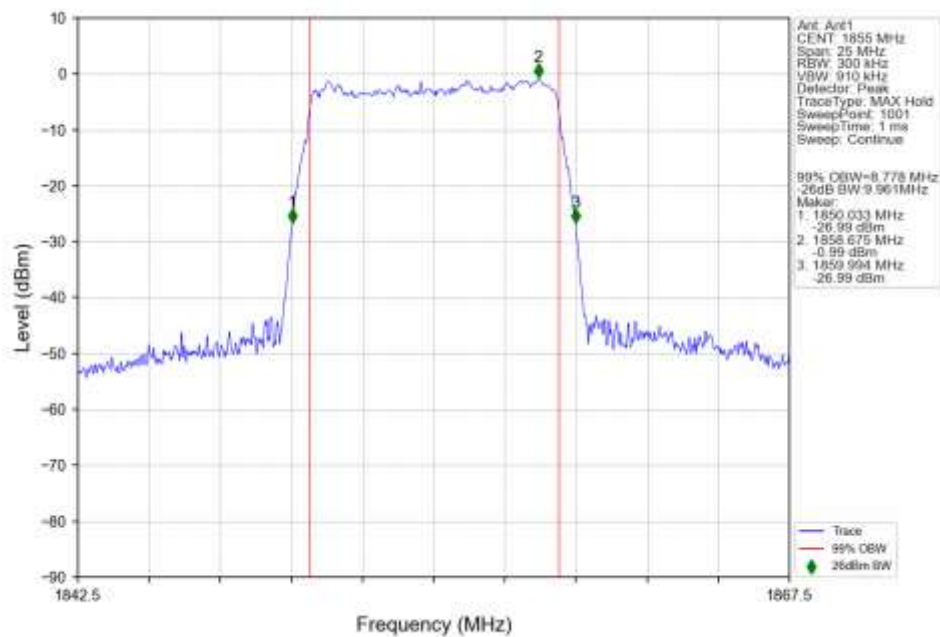
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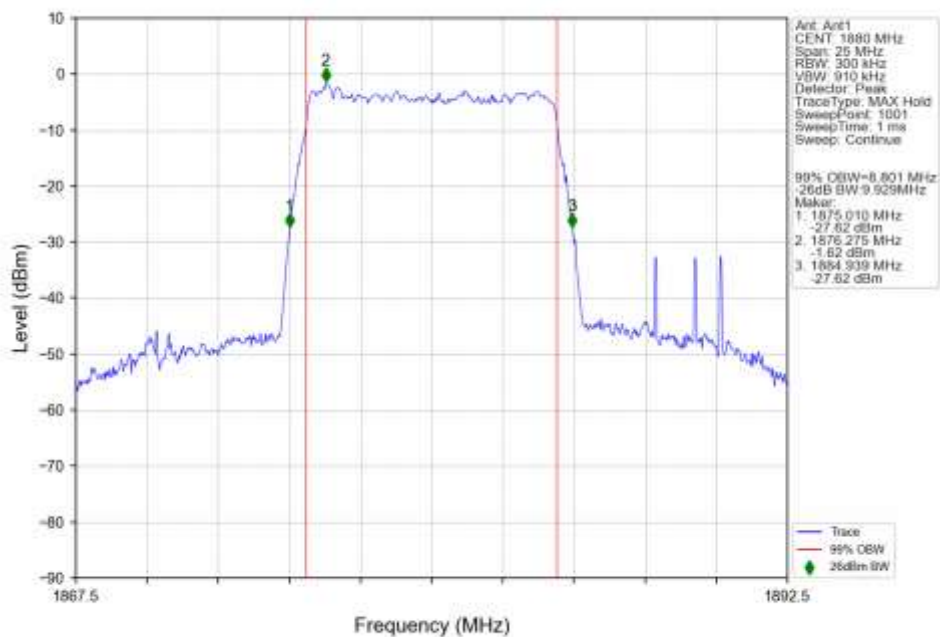
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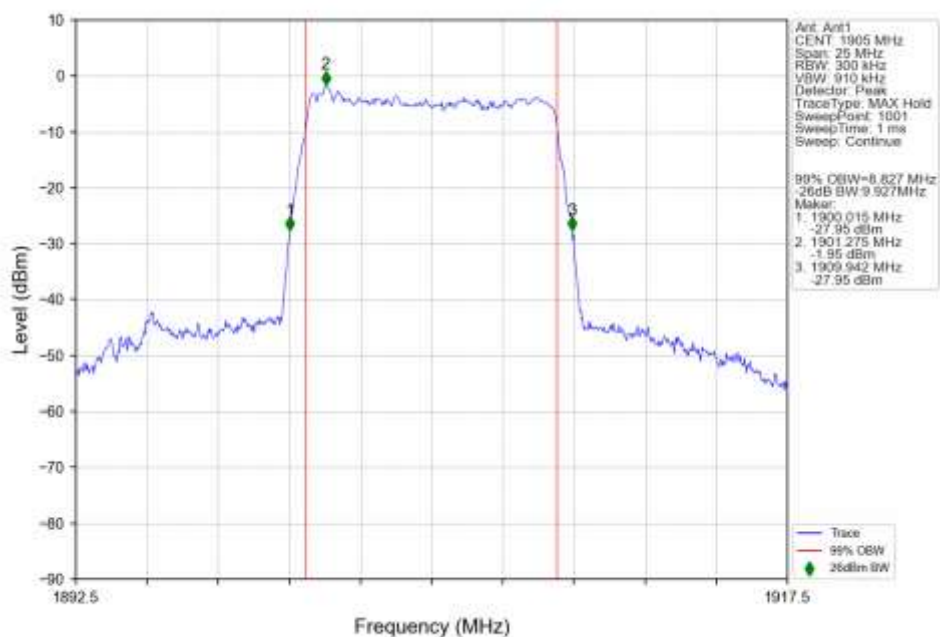
n2_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 1855MHz_Outer_Full_Ant1



n2_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant1

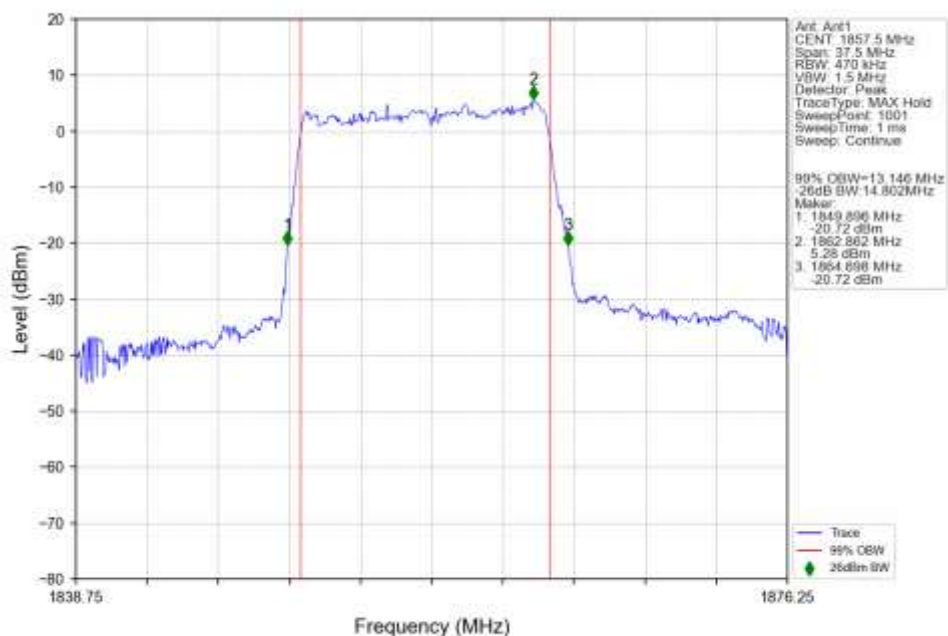


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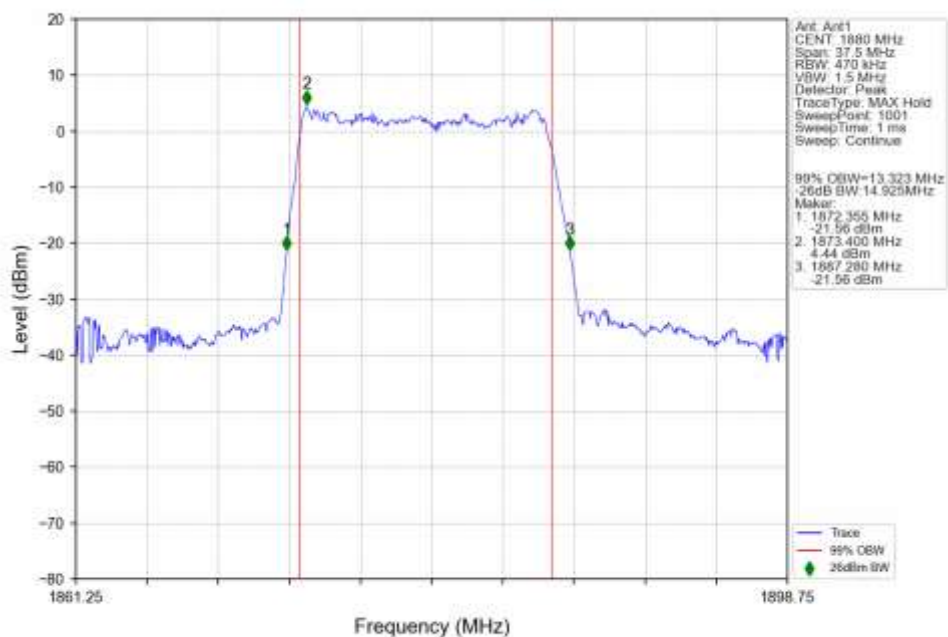


4.2.6 30k_SISO_15MHz_NTNV

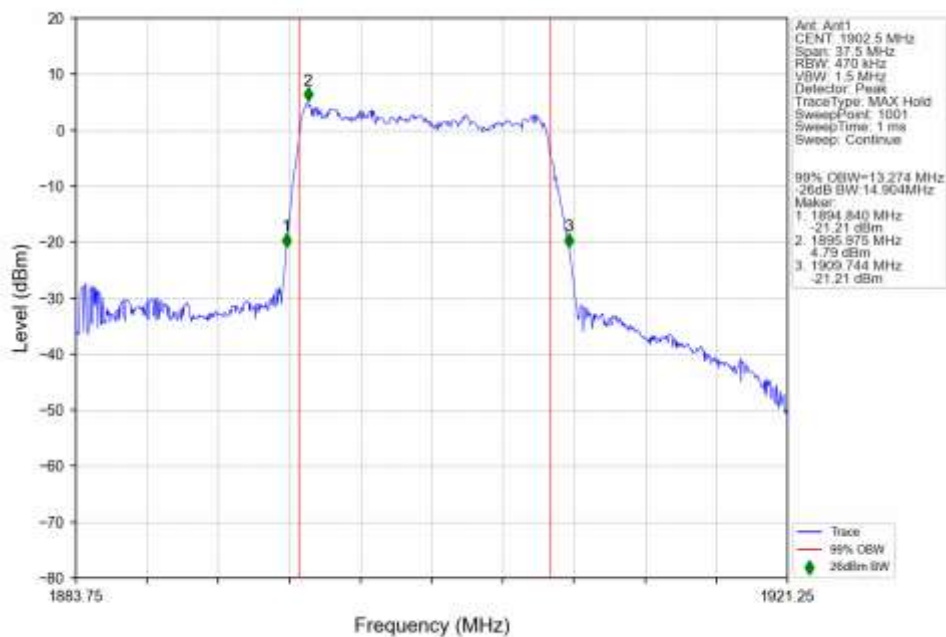
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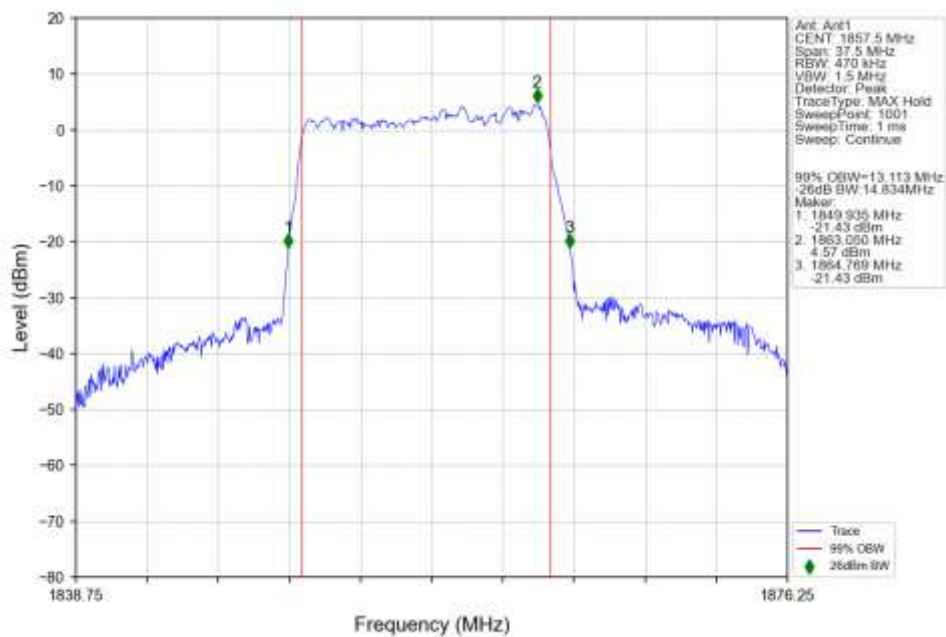
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full_Ant1



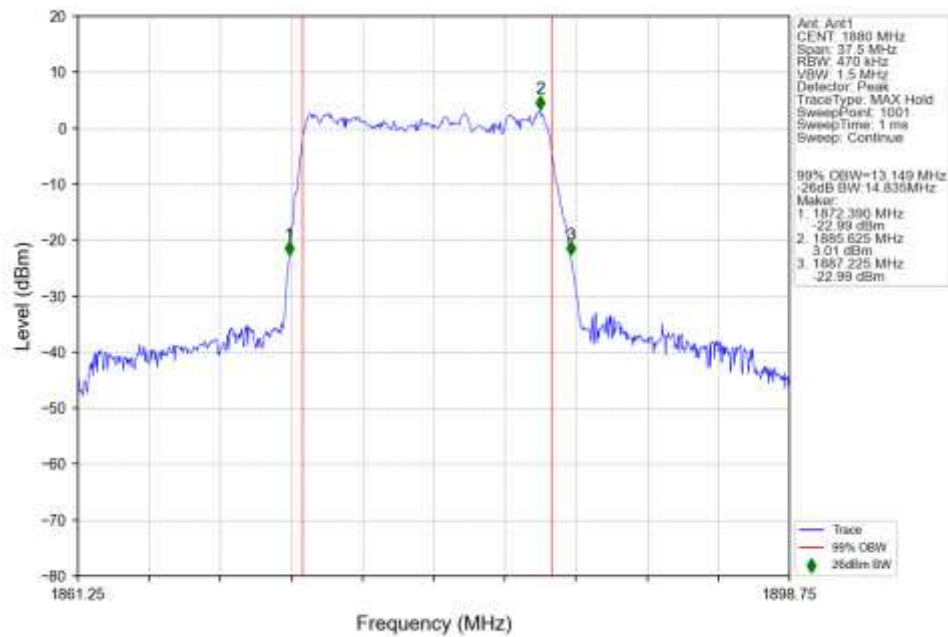
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 1902.5MHz_Outer_Full_Ant1



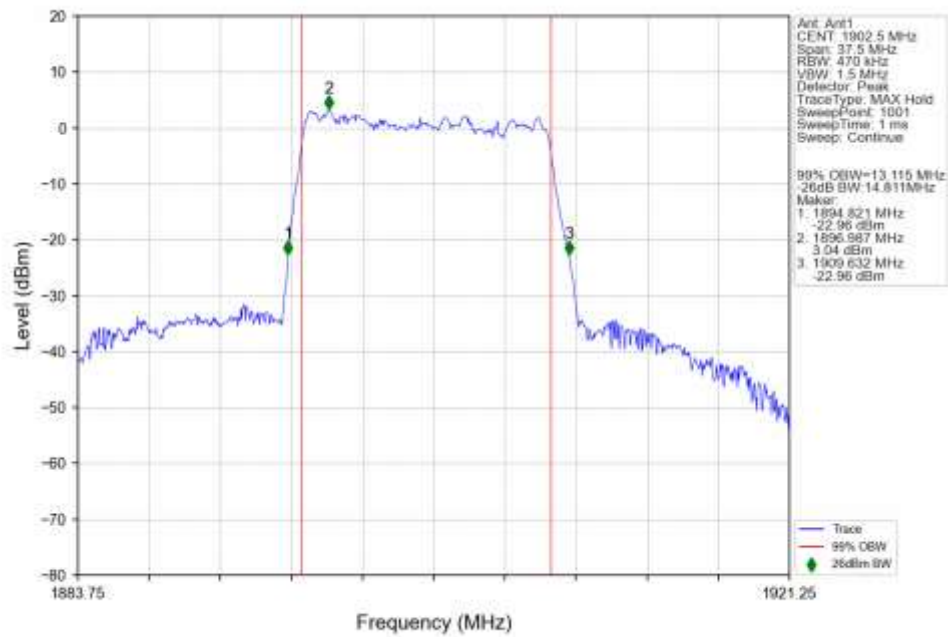
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 1857.5MHz_Outer_Full_Ant1



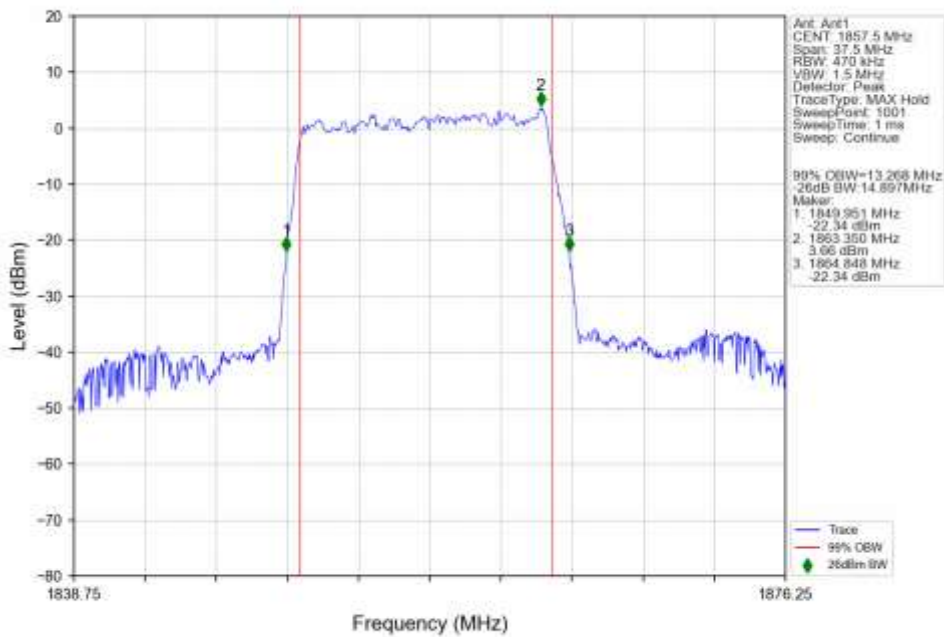
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_1880MHz_Outer_Full_Ant1



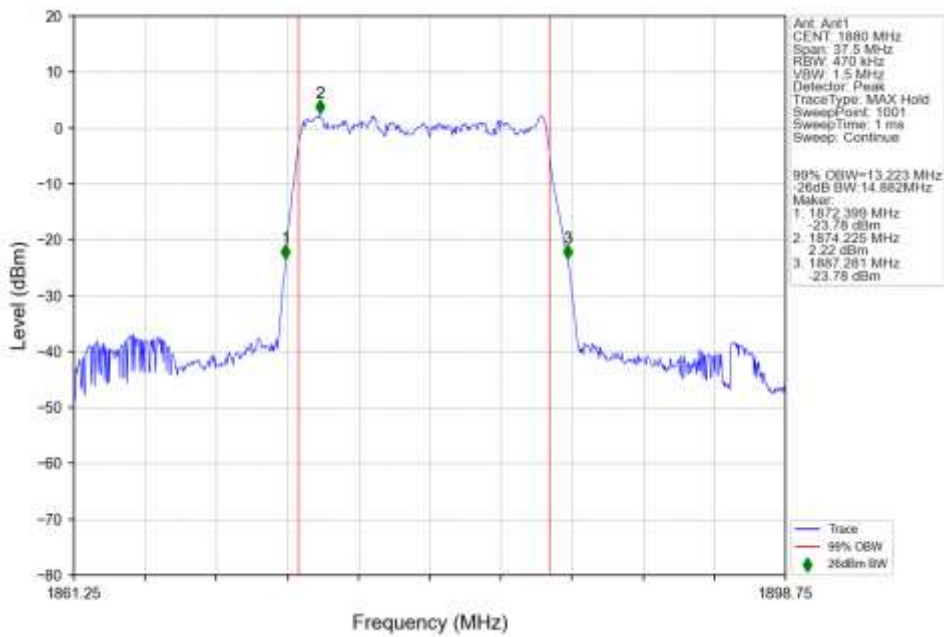
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_1902.5MHz_Outer_Full_Ant1



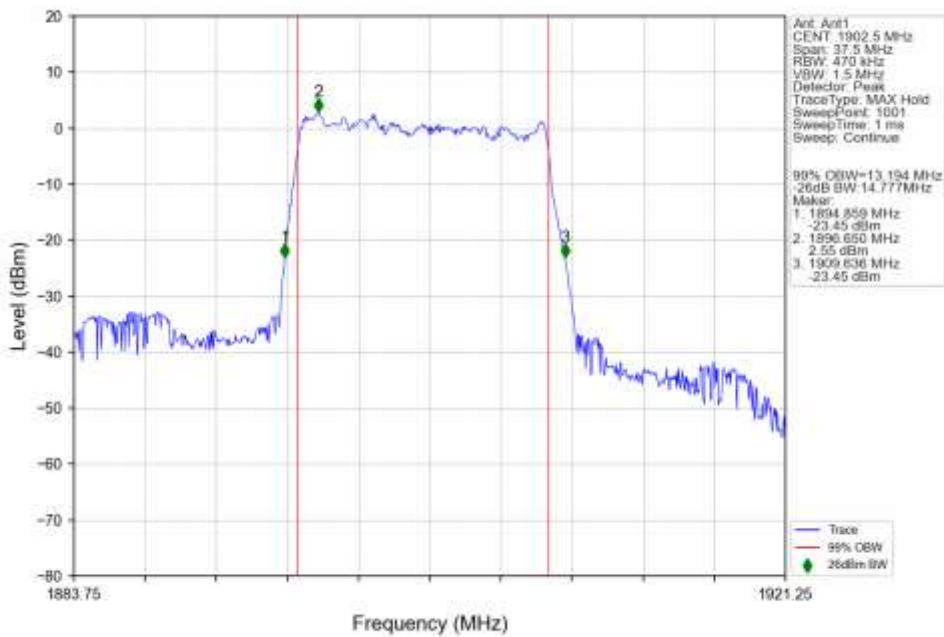
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_1857.5MHz_Outer_Full_Ant1



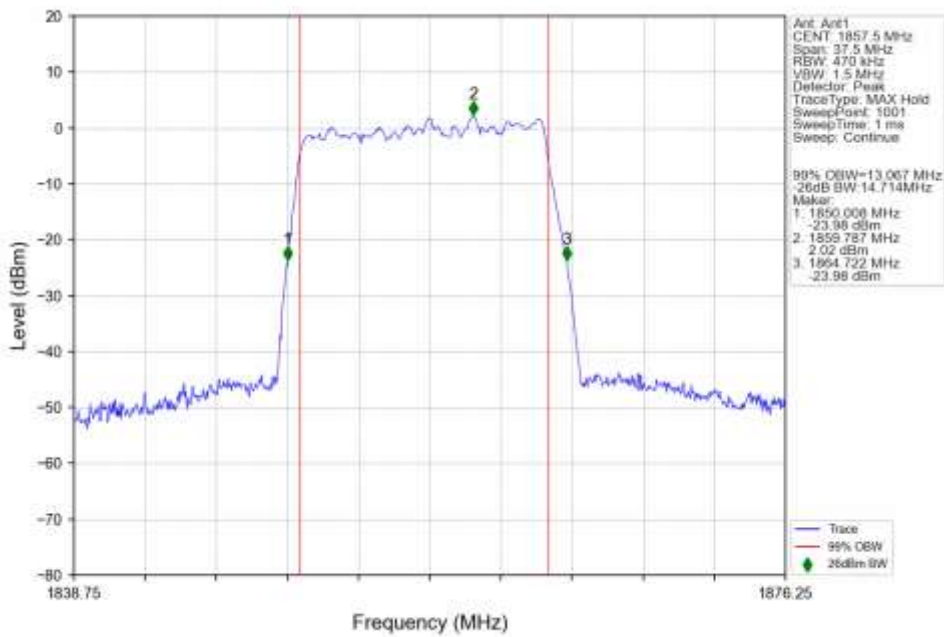
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_1880MHz_Outer_Full_Ant1



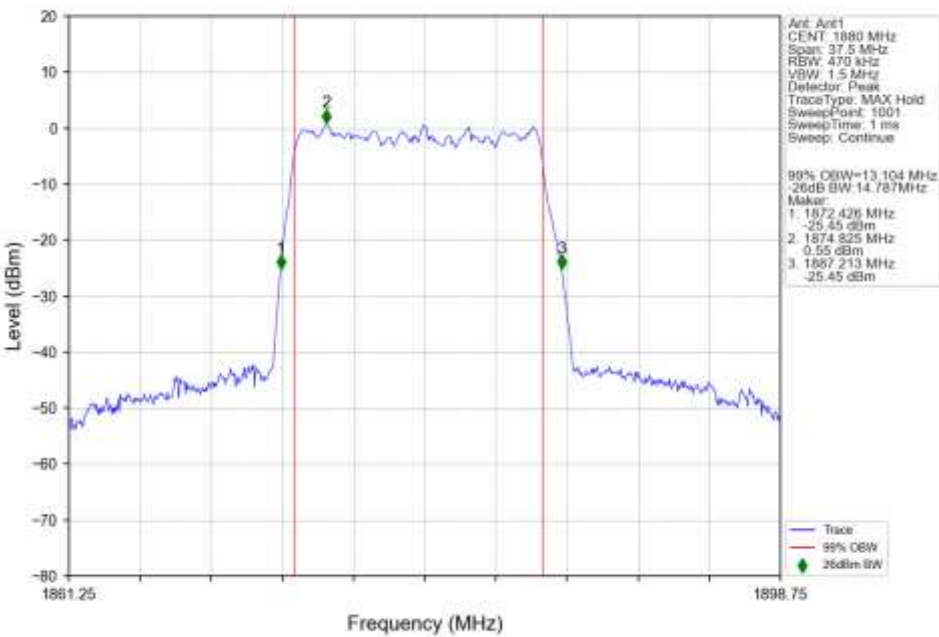
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1902.5MHz_Outer_Full_Ant1



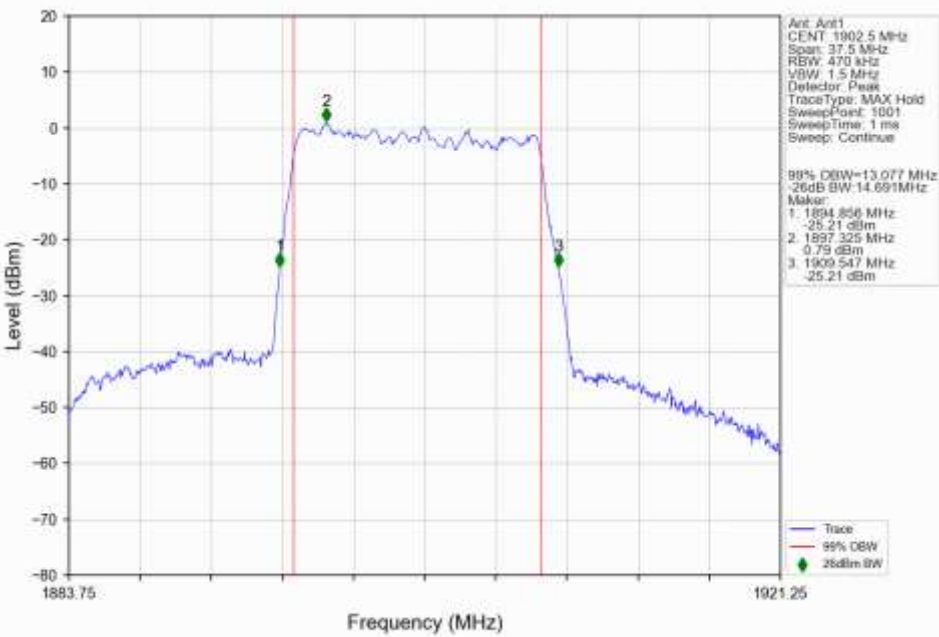
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



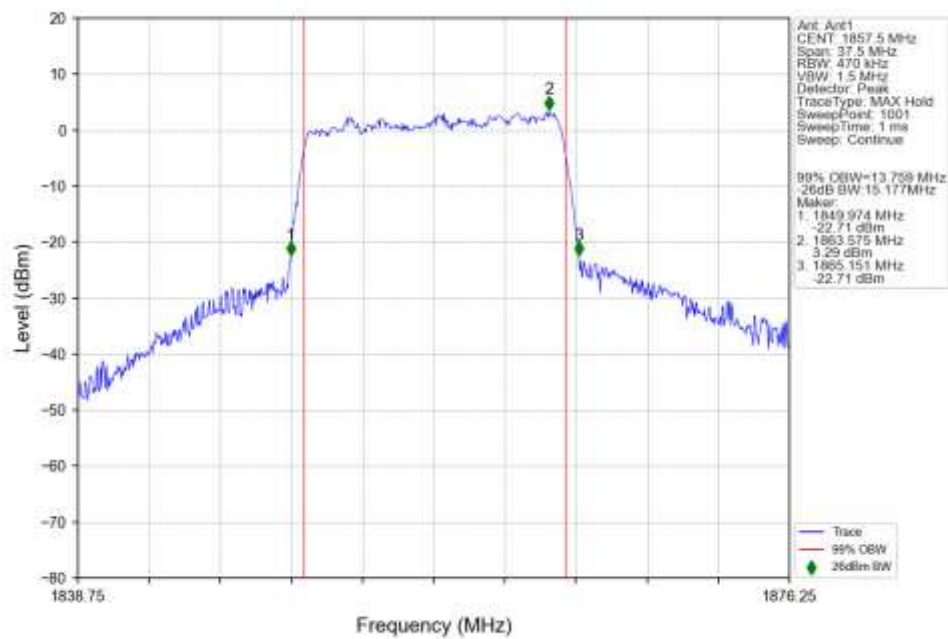
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant1



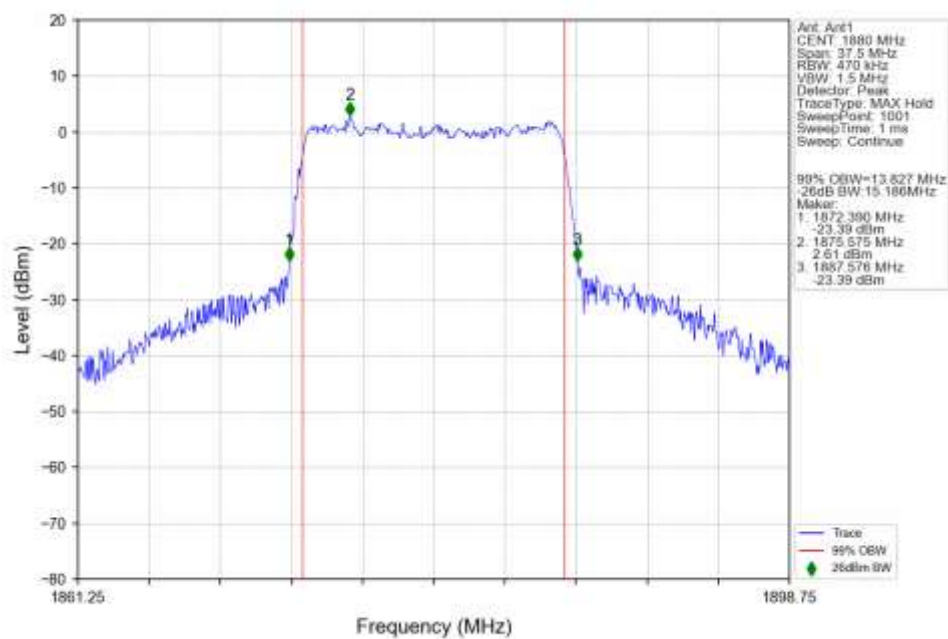
n2_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_1902.5MHz_Outer_Full_Ant1



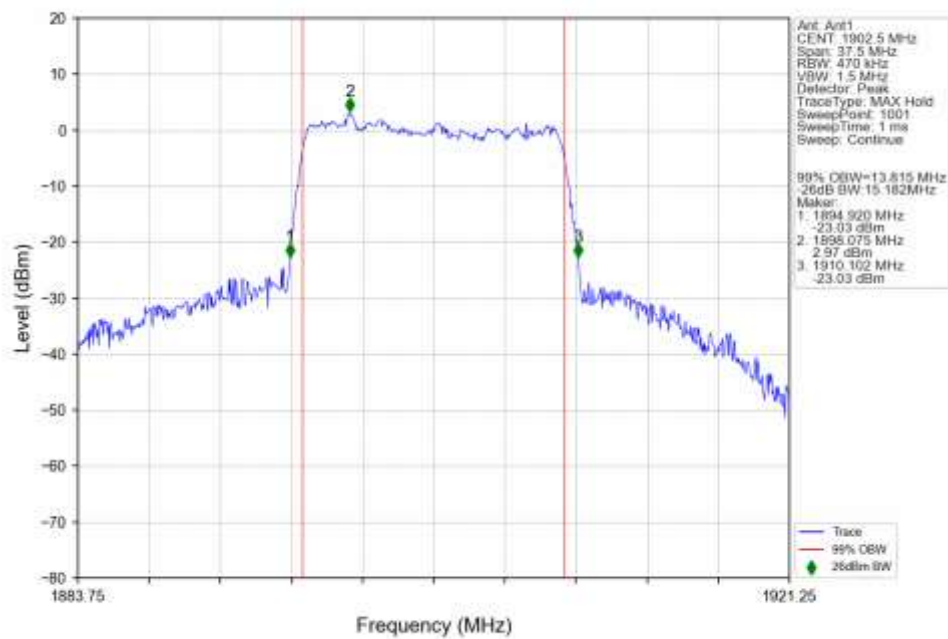
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1857.5MHz_Outer_Full_Ant1



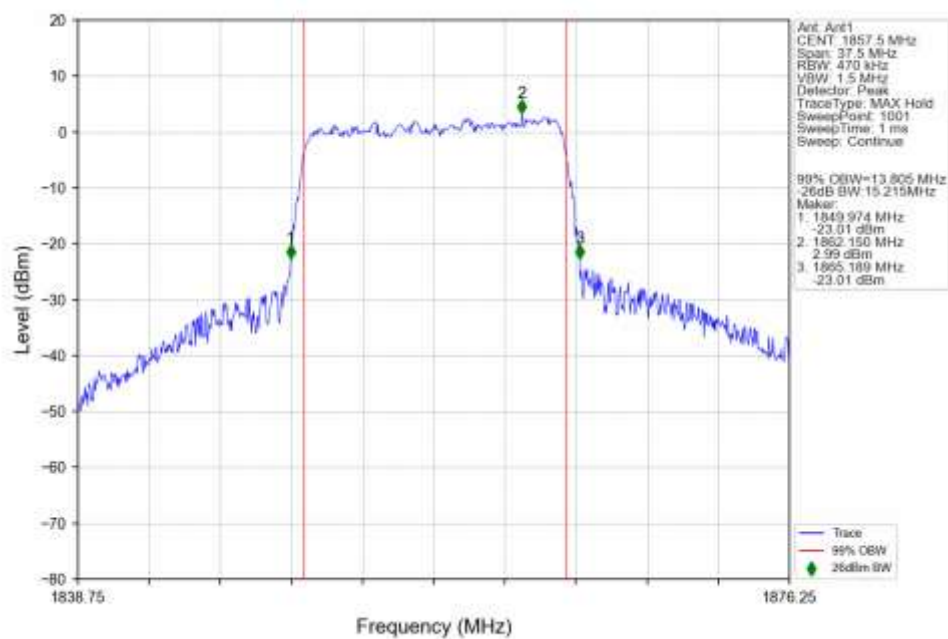
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant1



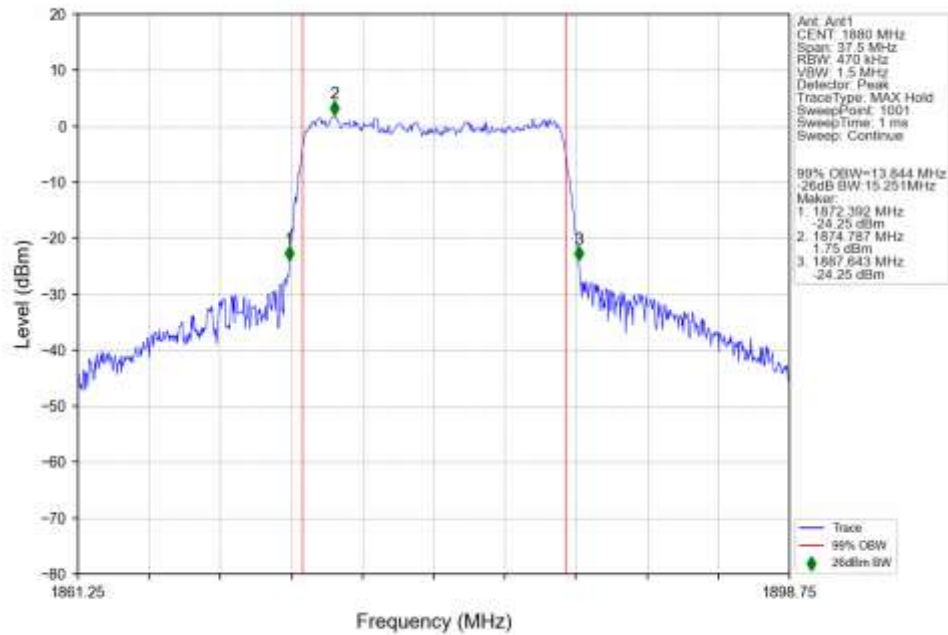
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 1902.5MHz_Outer_Full_Ant1



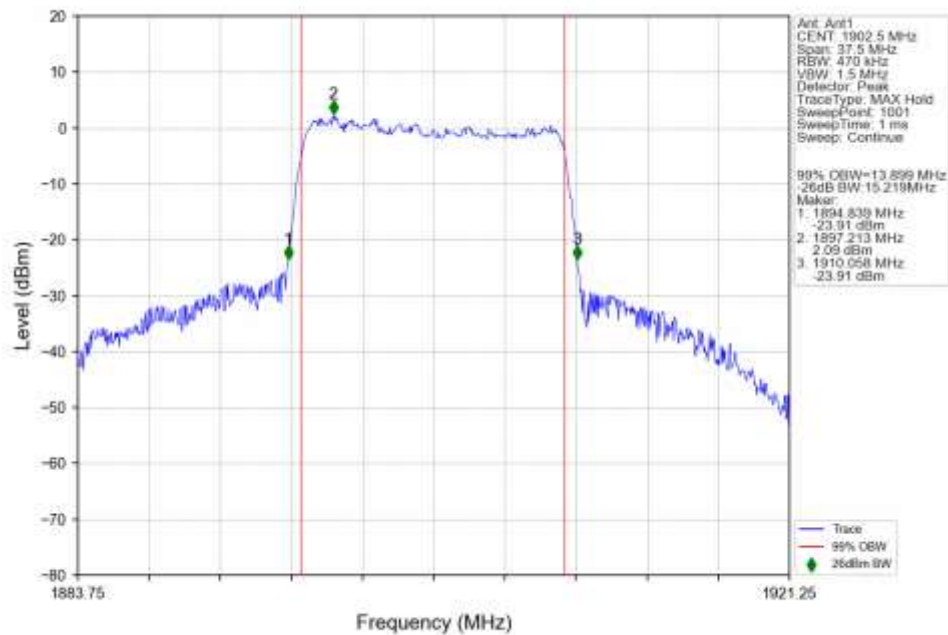
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 1857.5MHz_Outer_Full_Ant1



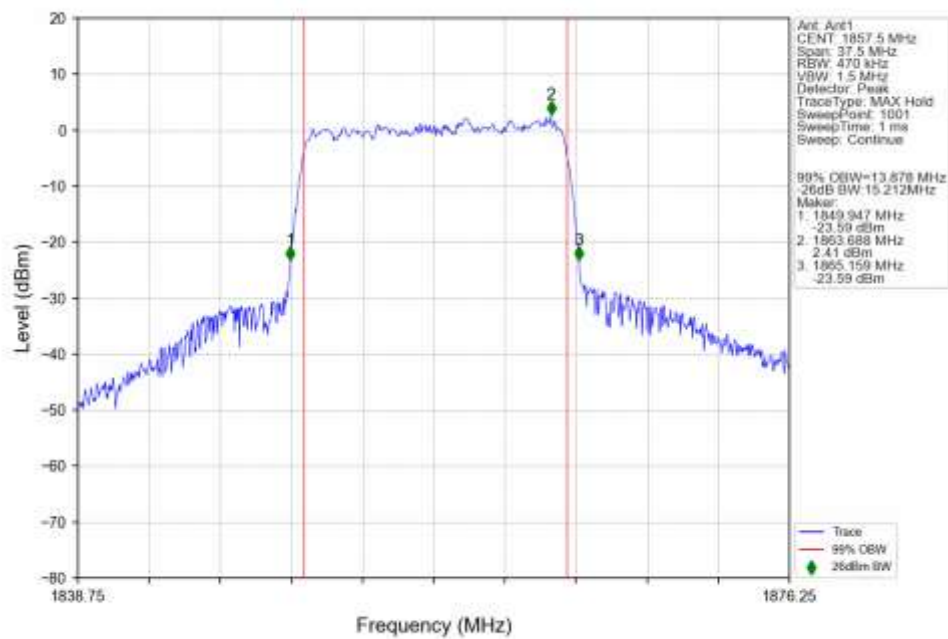
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 1880MHz_Outer_Full_Ant1



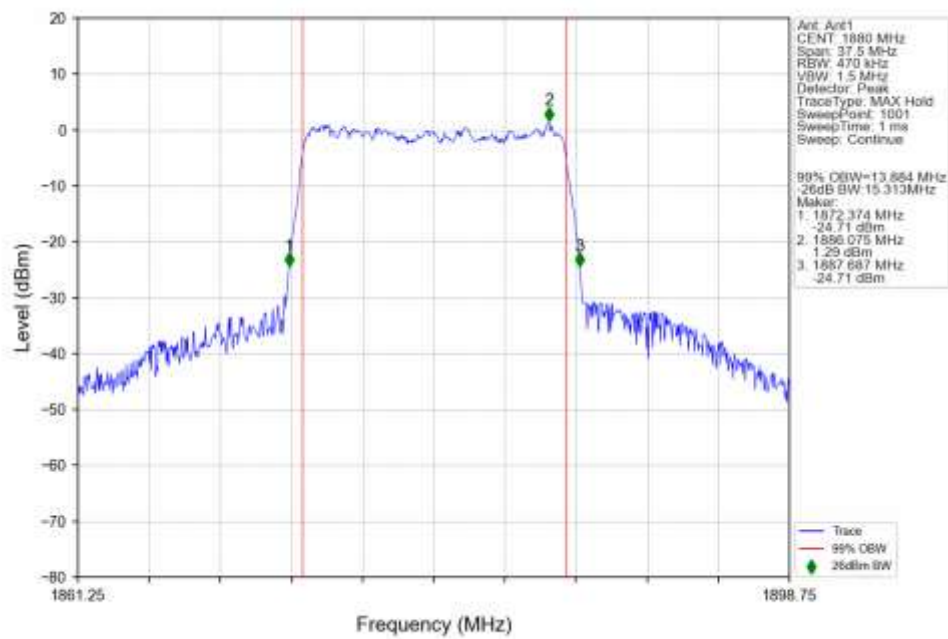
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 1902.5MHz_Outer_Full_Ant1



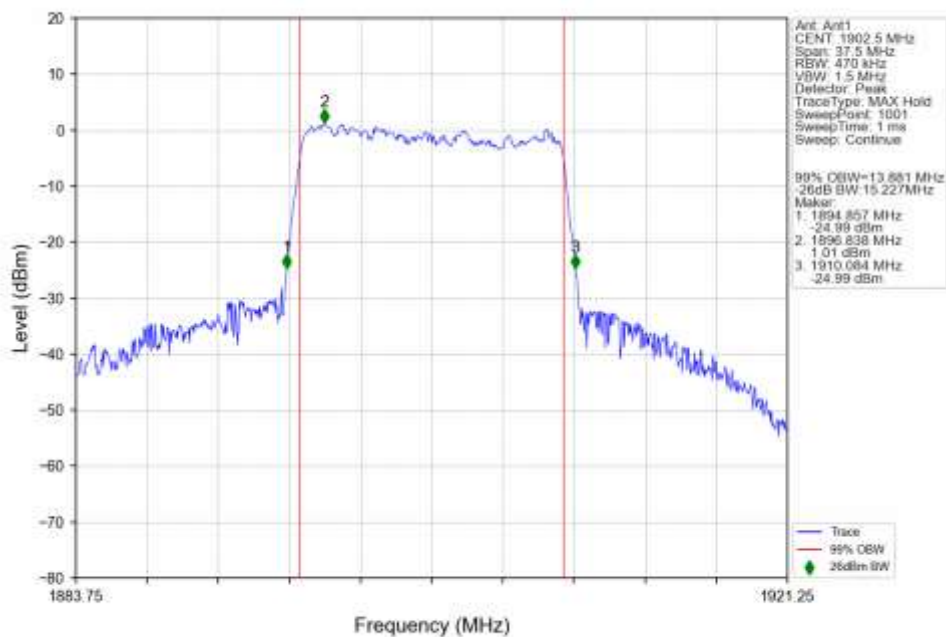
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_1857.5MHz_Outer_Full_Ant1



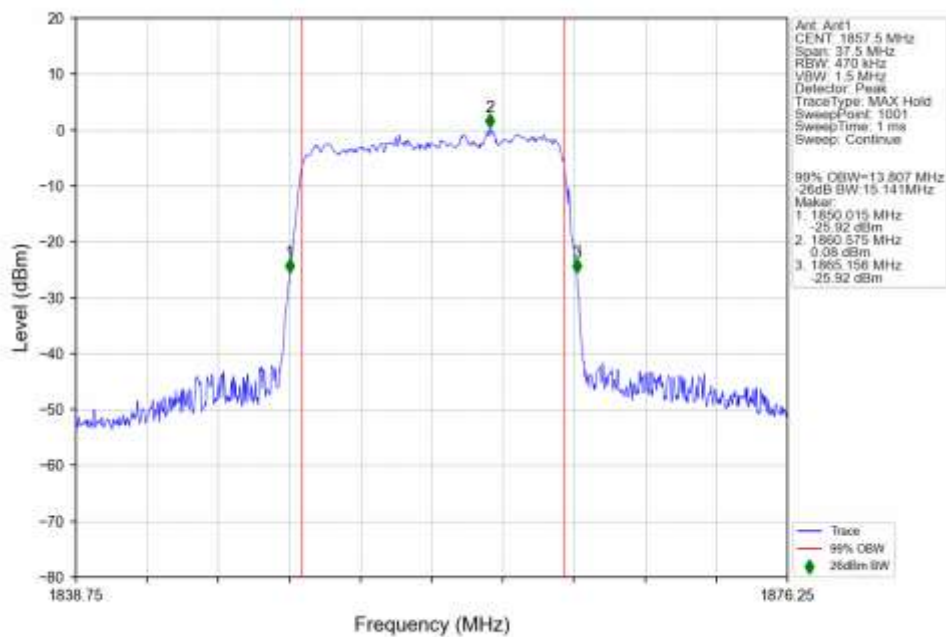
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_1880MHz_Outer_Full_Ant1



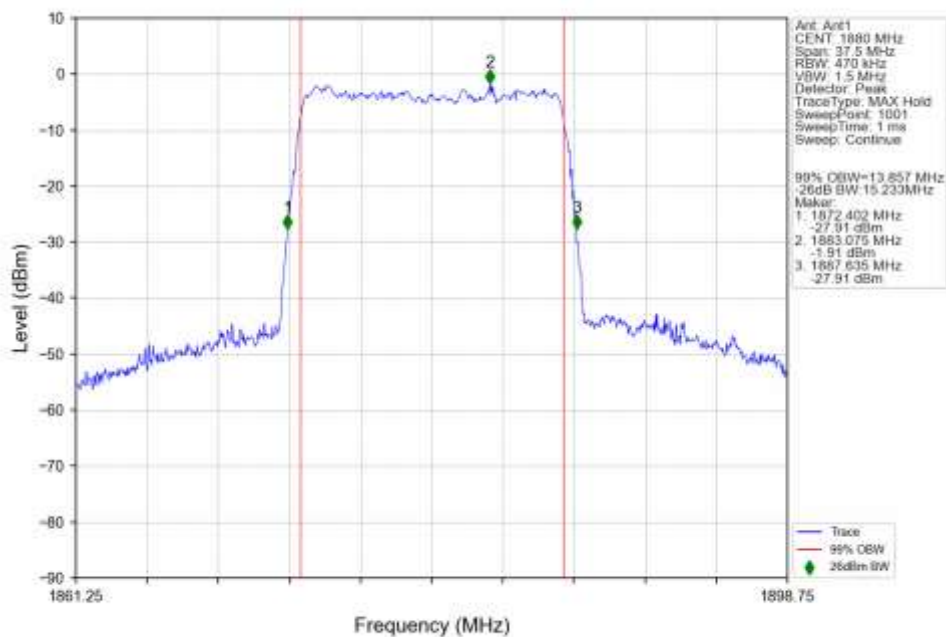
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1902.5MHz_Outer_Full_Ant1



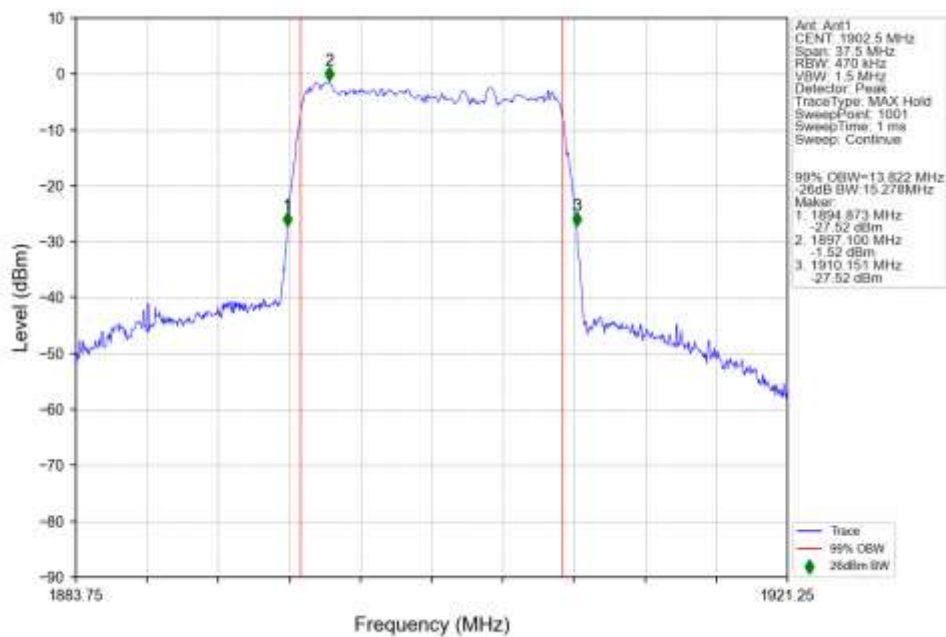
n2_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



n2_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant1

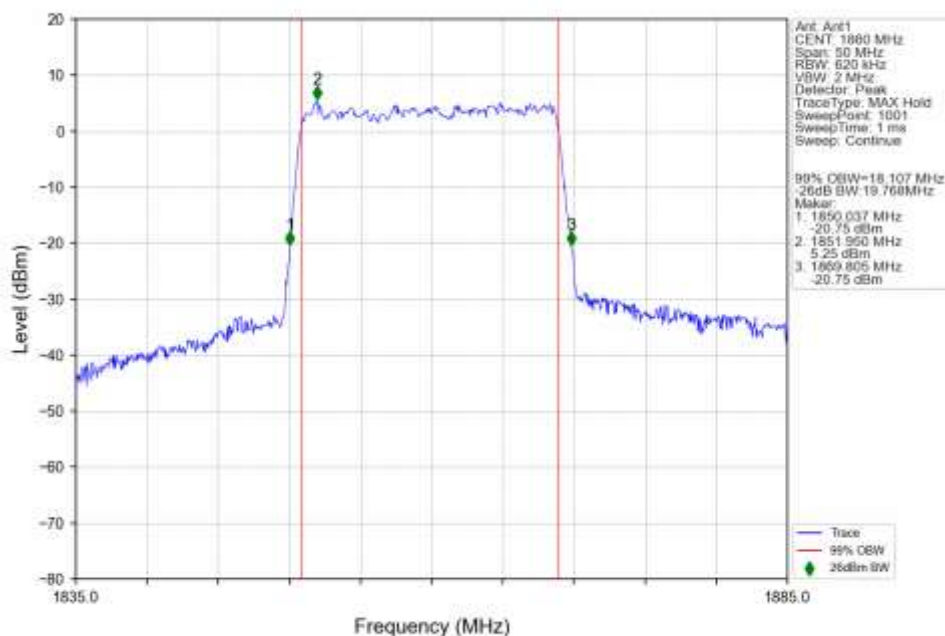


n2_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1902.5MHz_Outer_Full_Ant1

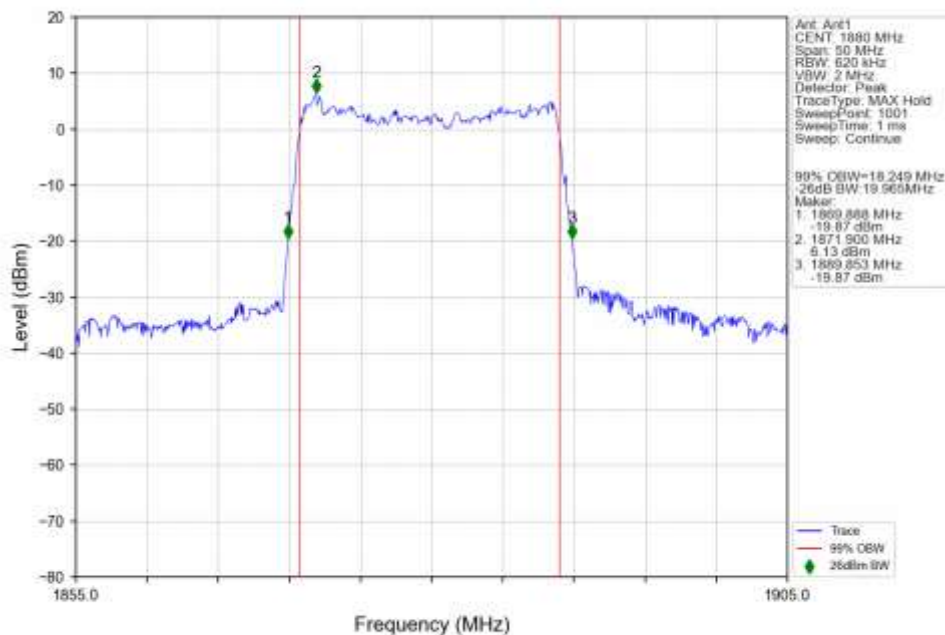


4.2.7 30k_SISO_20MHz_NTNV

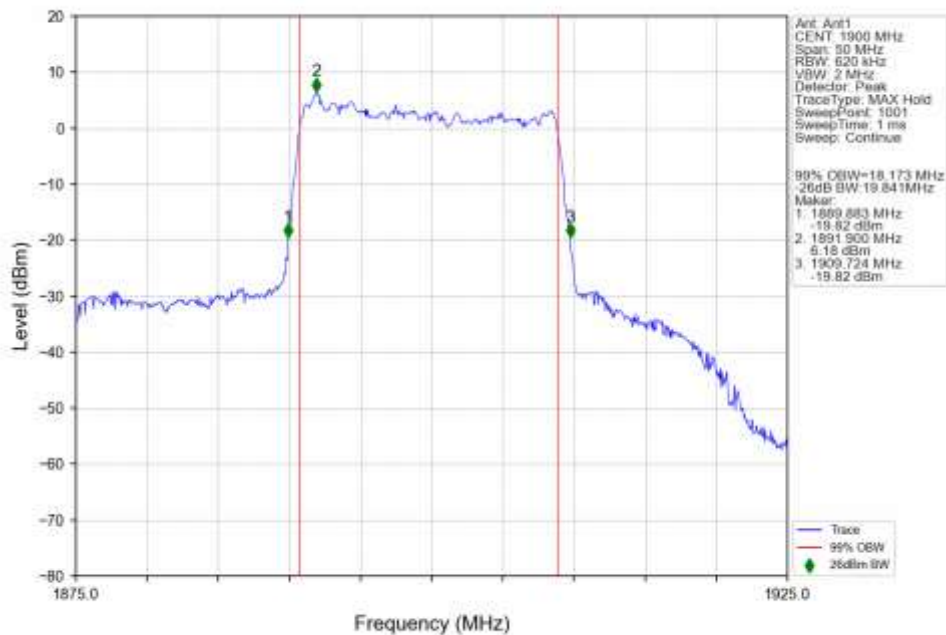
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Outer_Full_Ant1



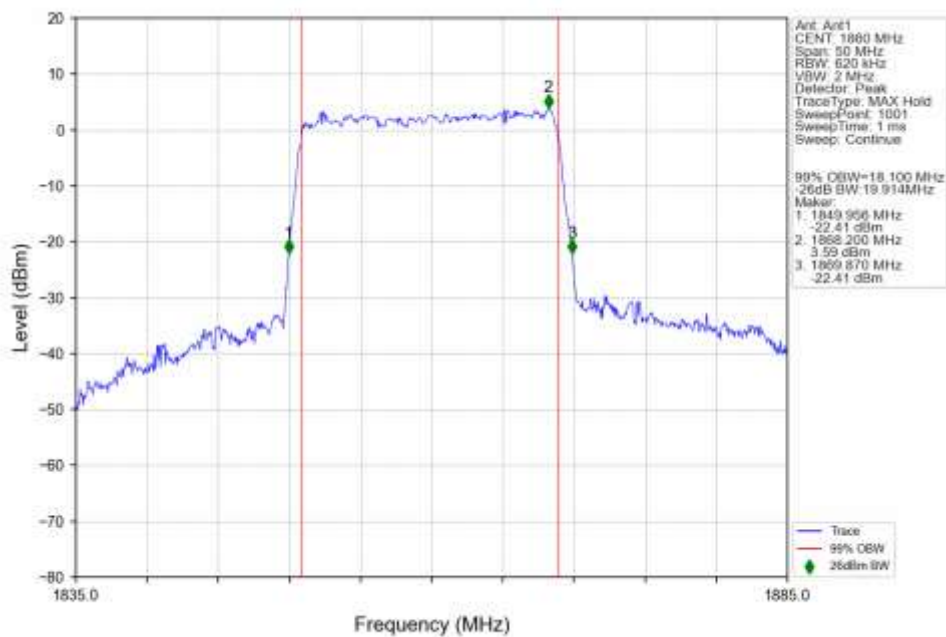
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1880MHz_Outer_Full_Ant1



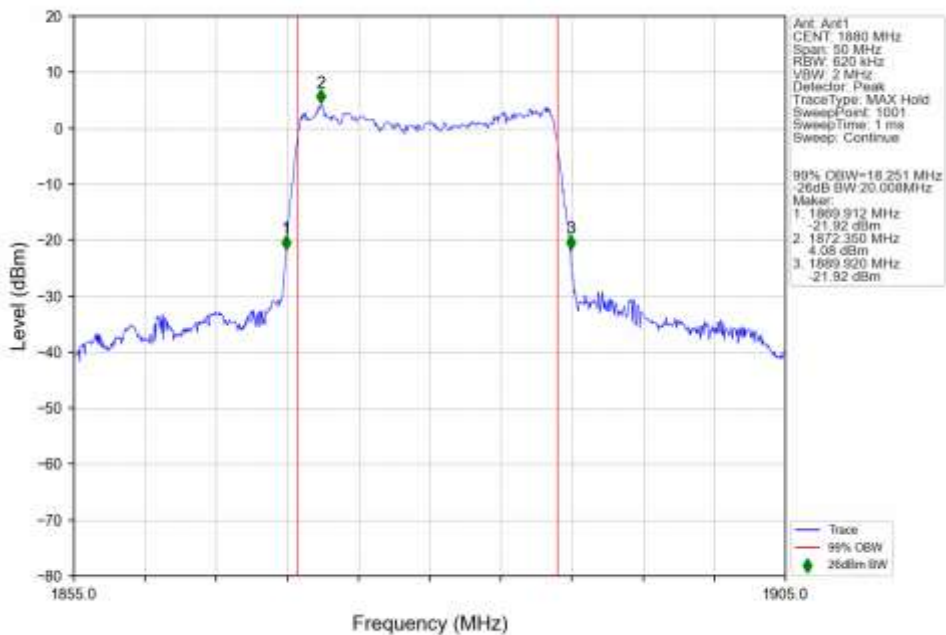
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1900MHz_Outer_Full_Ant1



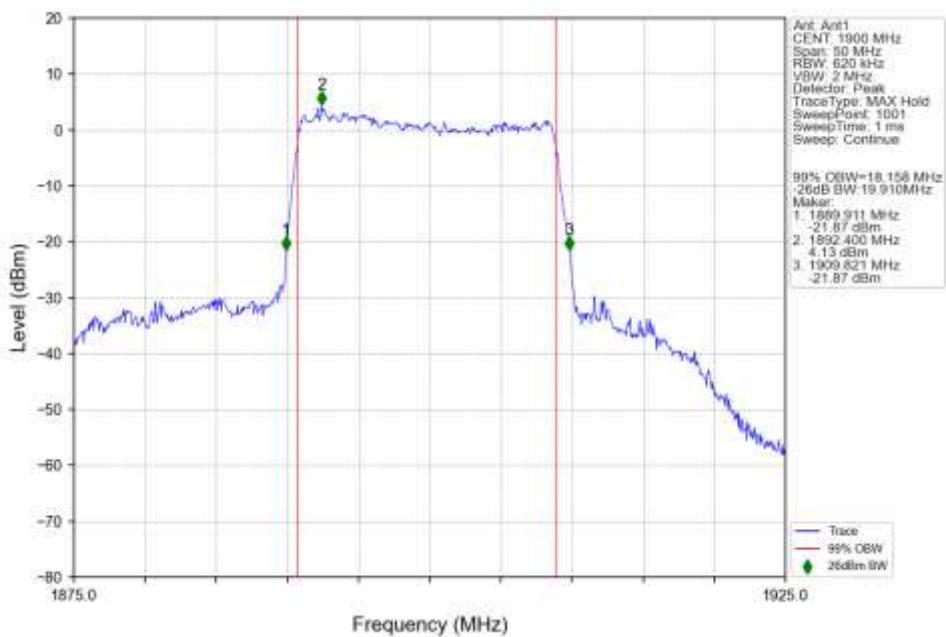
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 1860MHz_Outer_Full_Ant1



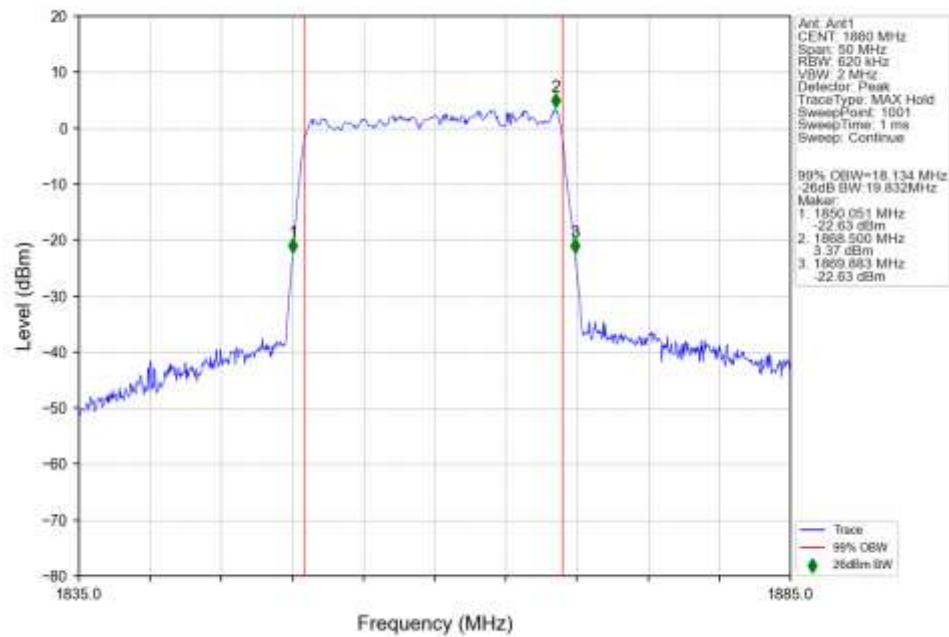
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_1880MHz_Outer_Full_Ant1



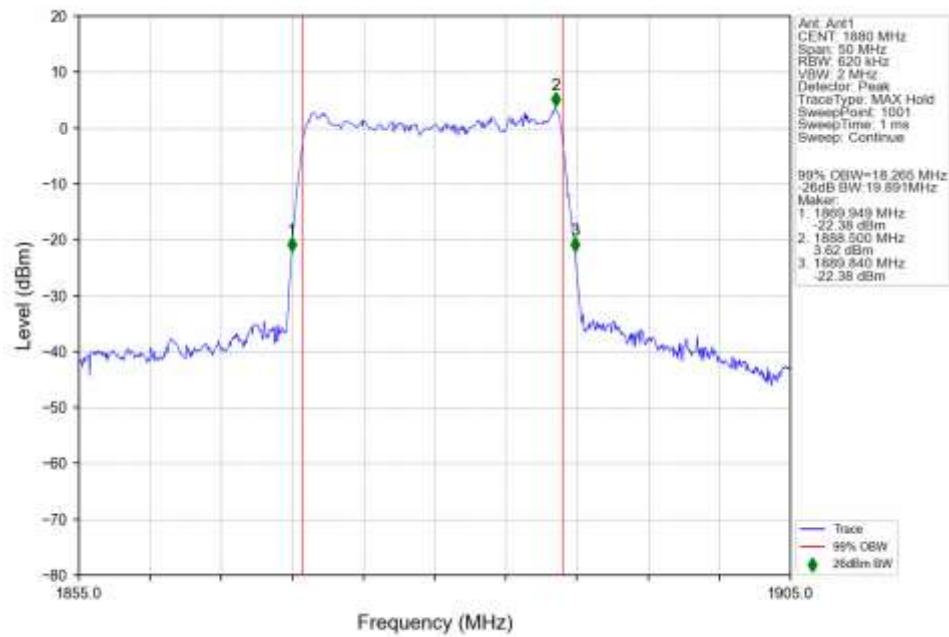
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_1900MHz_Outer_Full_Ant1



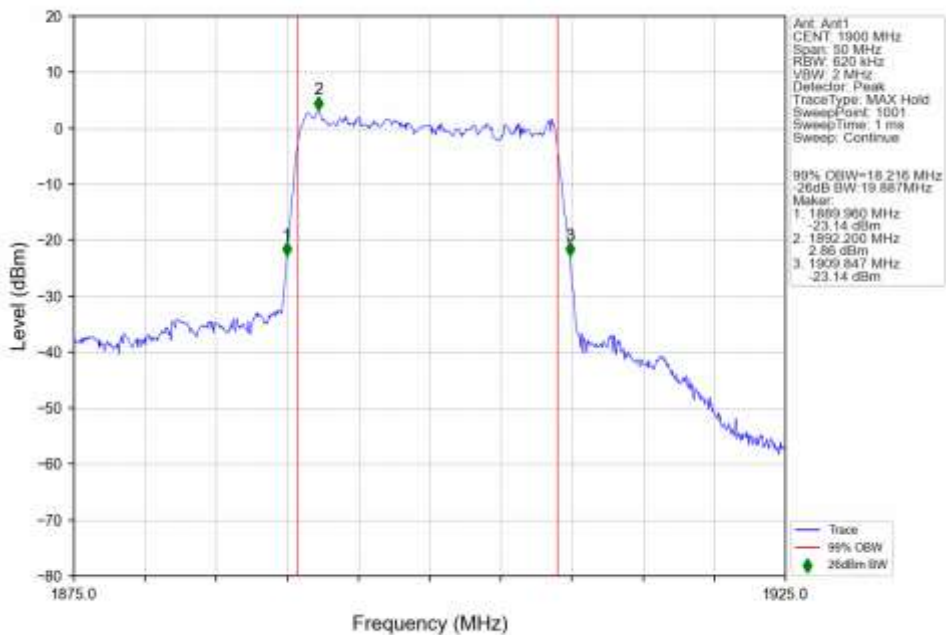
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1860MHz_Outer_Full_Ant1



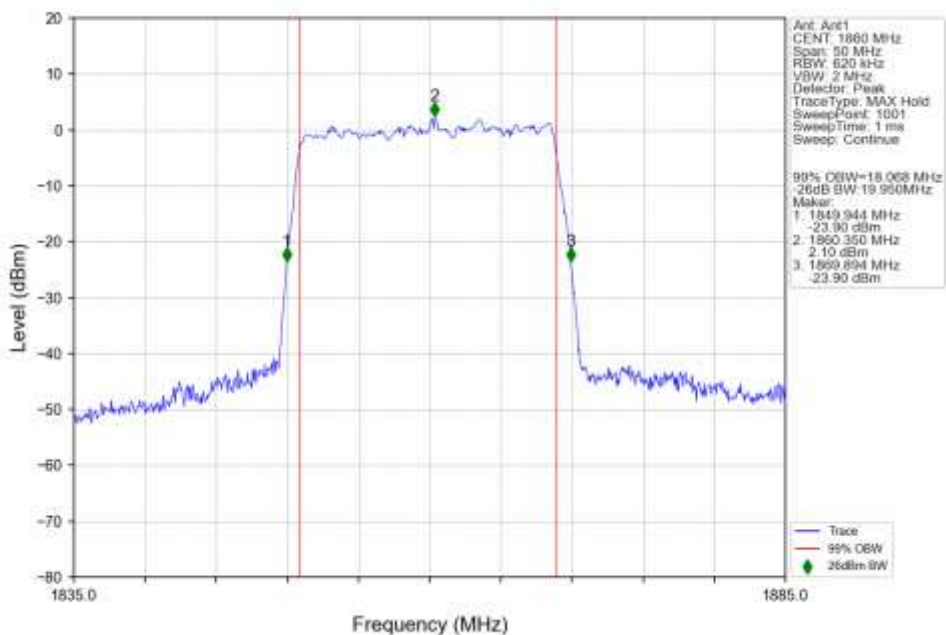
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1880MHz_Outer_Full_Ant1



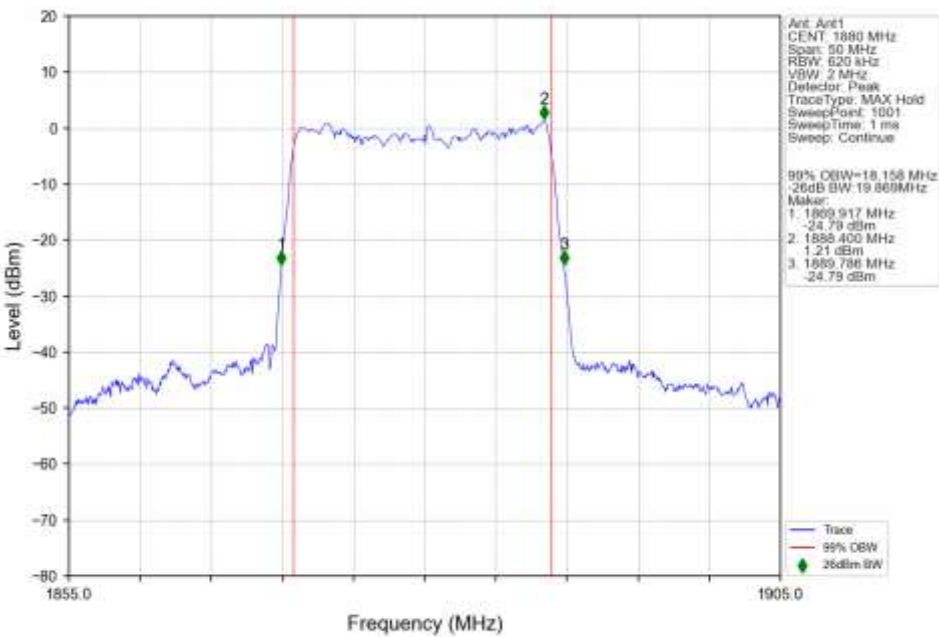
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 1900MHz_Outer_Full_Ant1



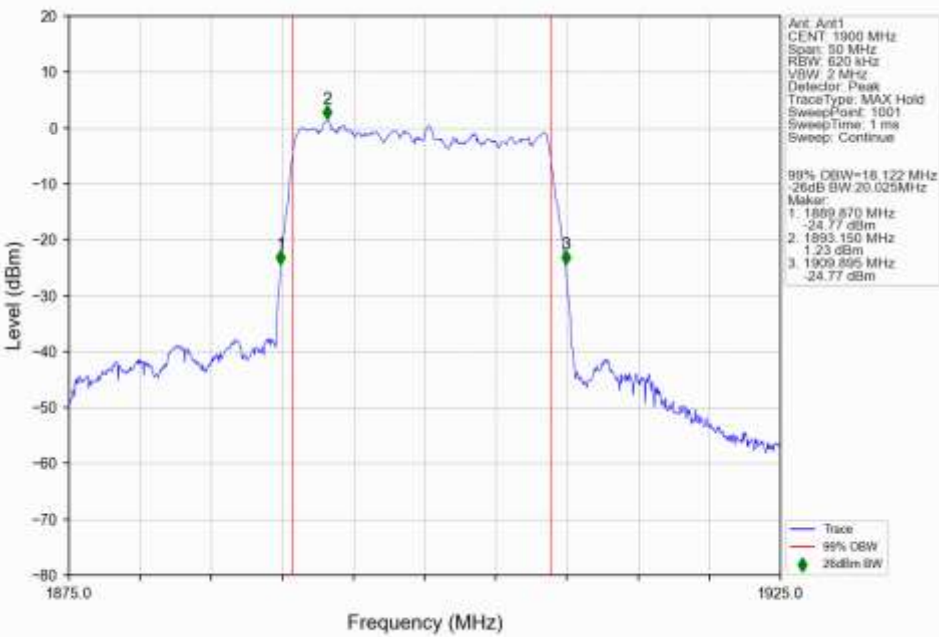
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 1860MHz_Outer_Full_Ant1



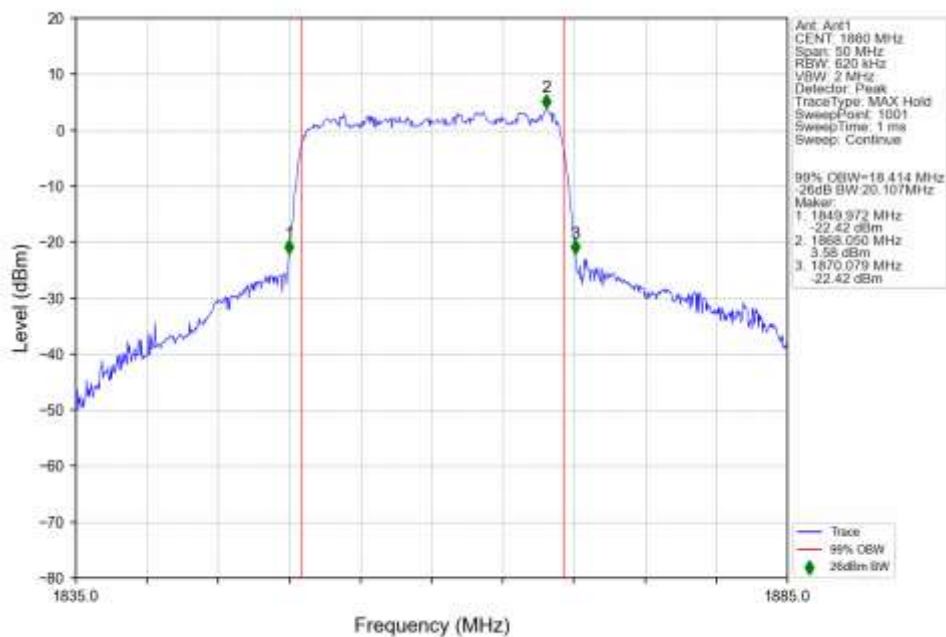
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1880MHz_Outer_Full_Ant1



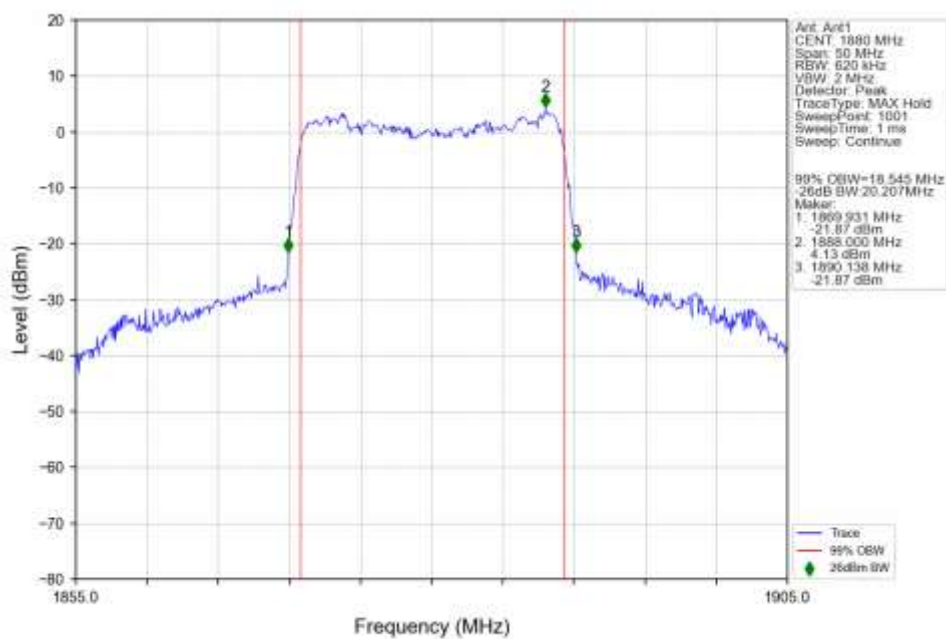
n2_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1900MHz_Outer_Full_Ant1



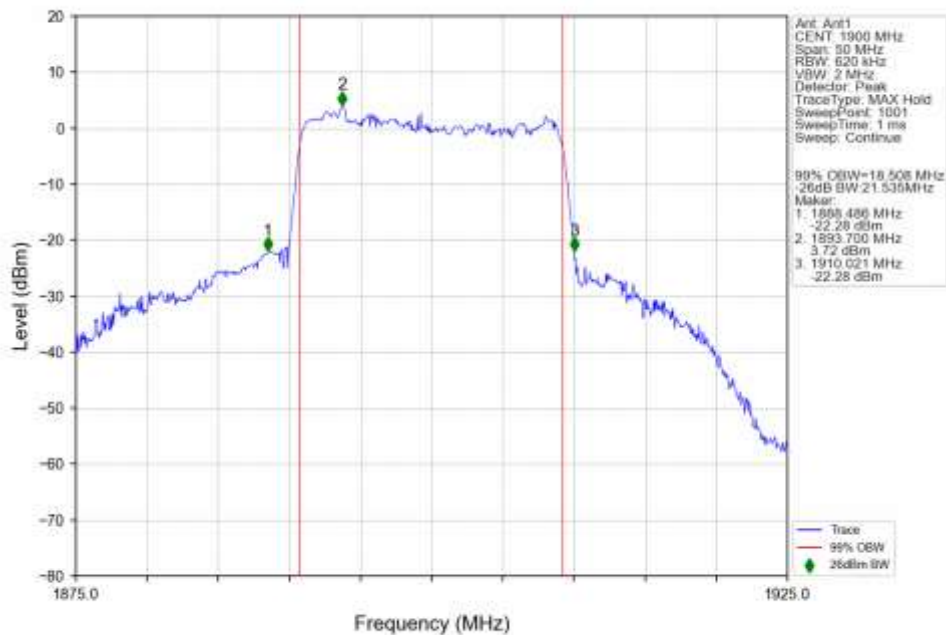
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1860MHz_Outer_Full_Ant1



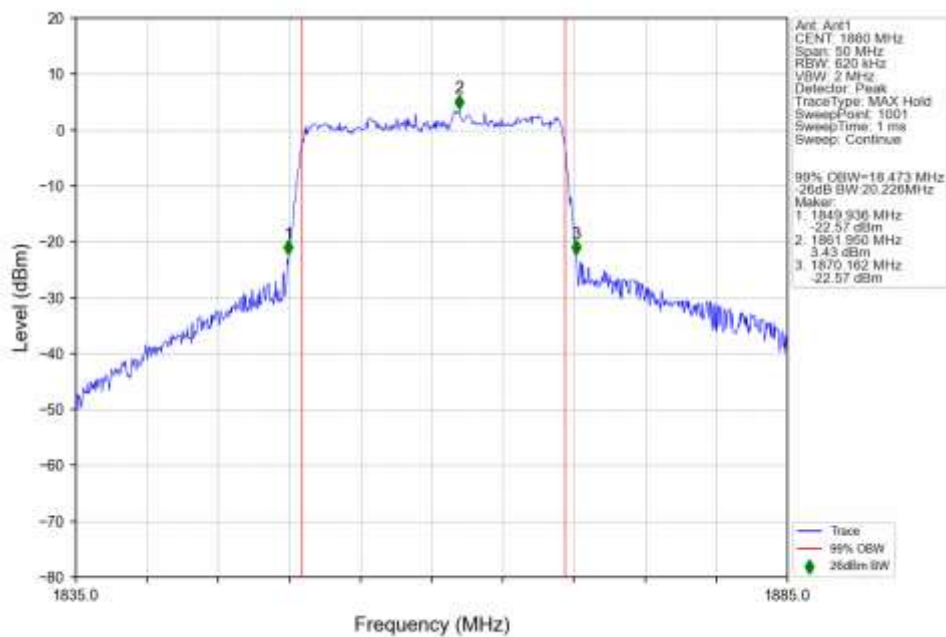
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1880MHz_Outer_Full_Ant1



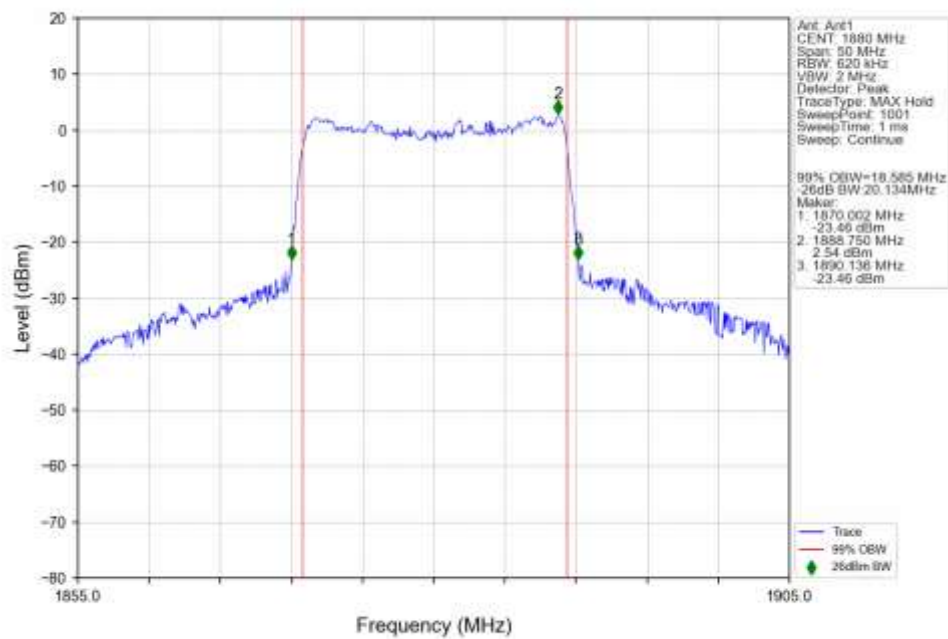
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1900MHz_Outer_Full_Ant1



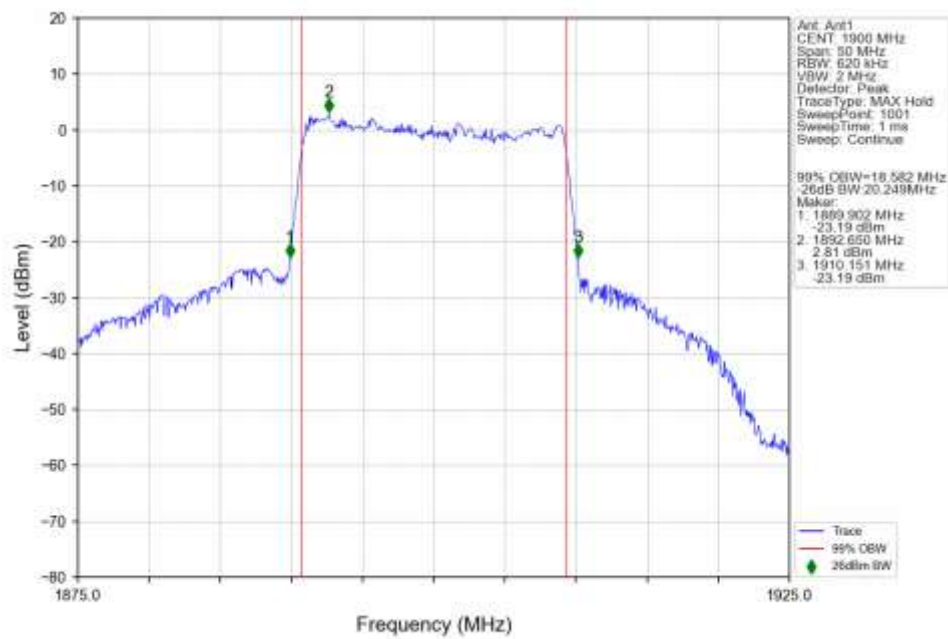
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 1860MHz_Outer_Full_Ant1



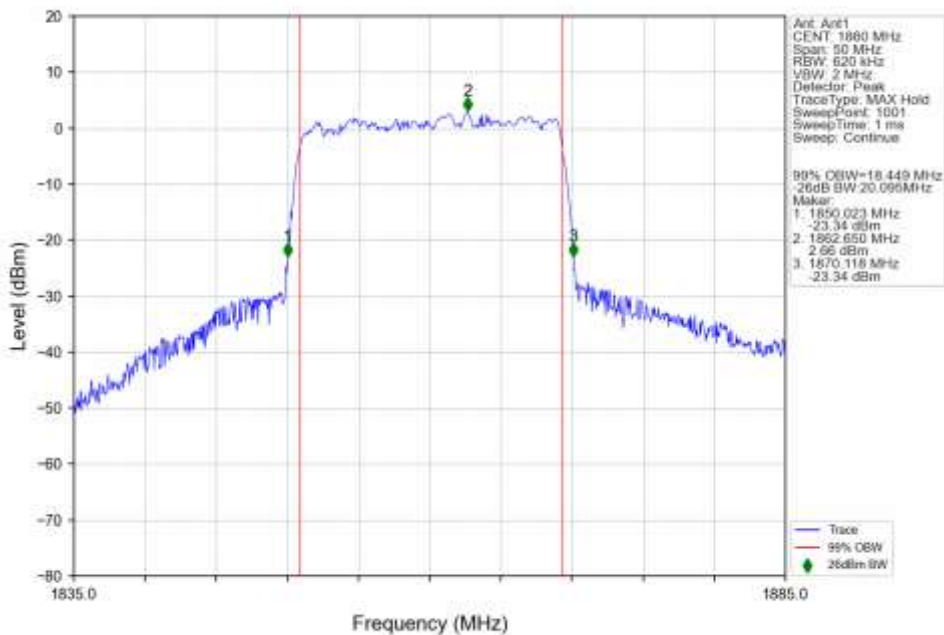
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_1880MHz_Outer_Full_Ant1



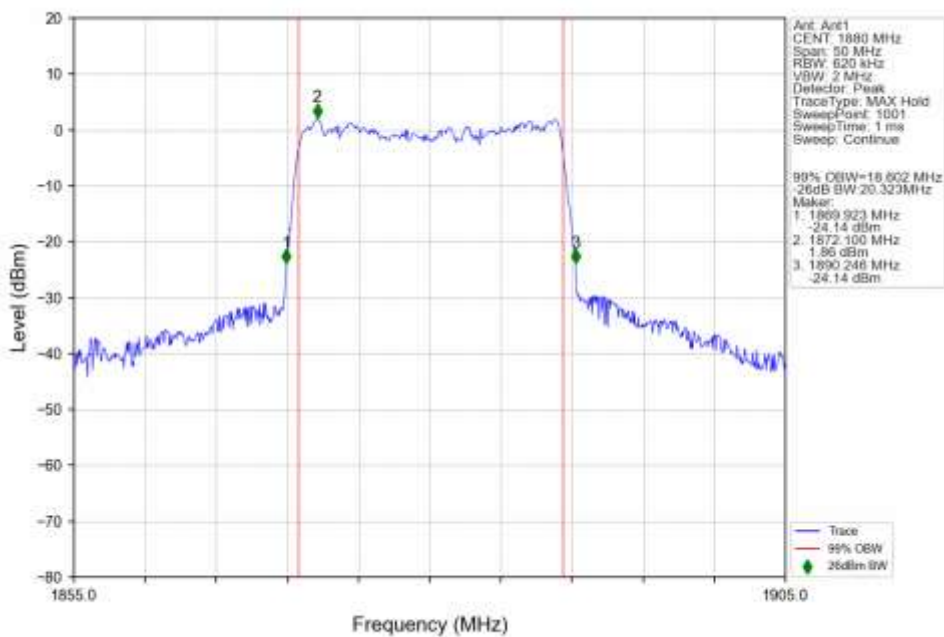
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_1900MHz_Outer_Full_Ant1



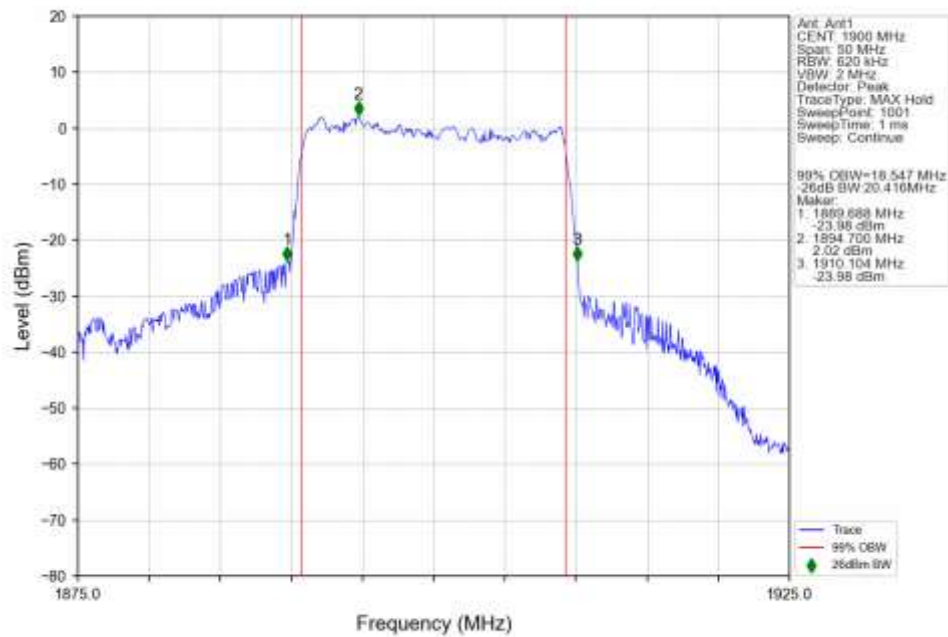
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_1860MHz_Outer_Full_Ant1



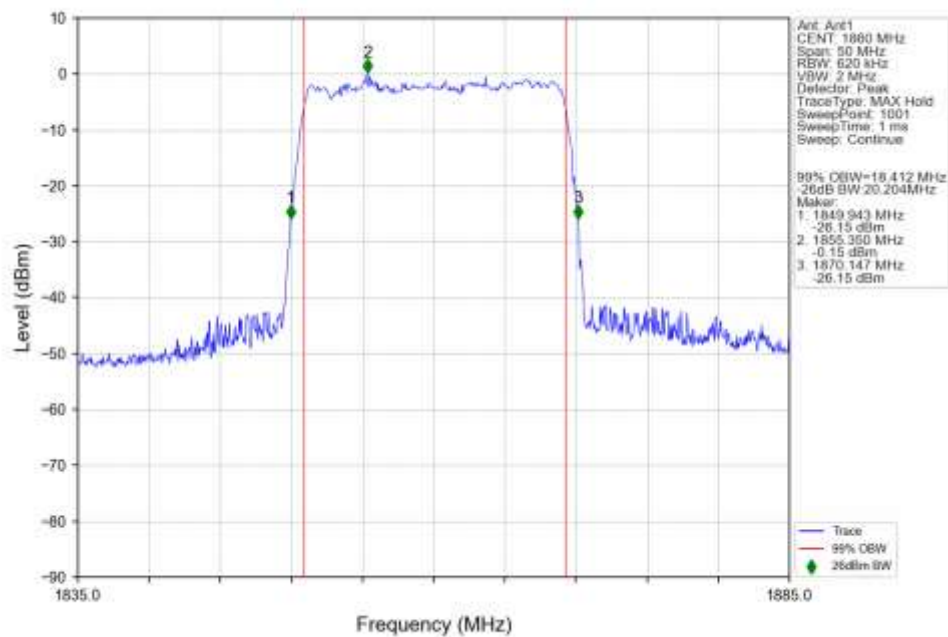
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_1880MHz_Outer_Full_Ant1



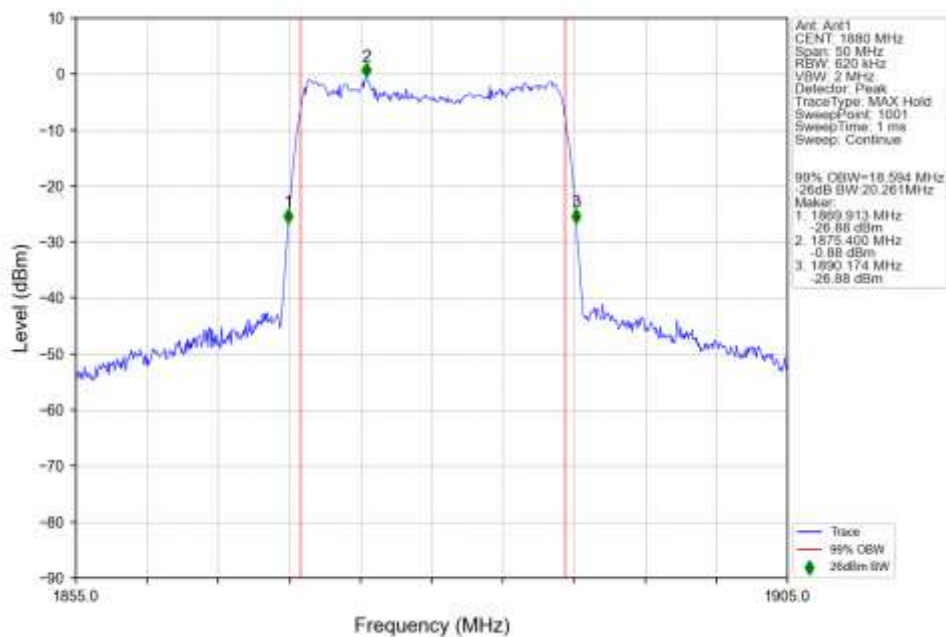
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 1900MHz_Outer_Full_Ant1



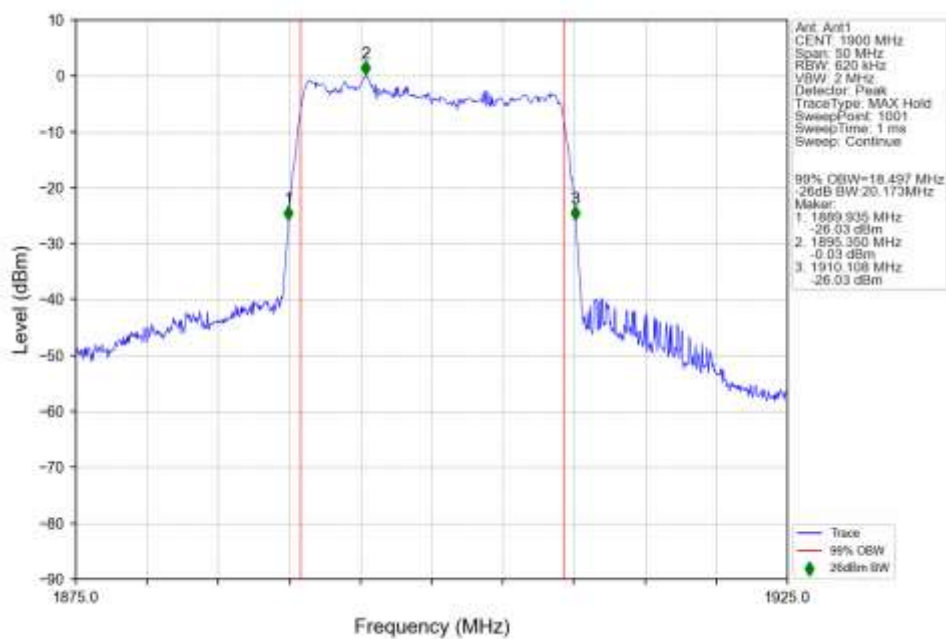
n2_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 1860MHz_Outer_Full_Ant1



n2_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant1



n2_30kHz_SISO_NTNV_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 NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1852.5	Outer Full	5.55	/	/	<=13	Pass
	1880	Outer Full	5.54	/	/	<=13	Pass
	1907.5	Outer Full	5.75	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer Full	6.17	/	/	<=13	Pass
	1880	Outer Full	6.18	/	/	<=13	Pass
	1907.5	Outer Full	6.35	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer Full	6.41	/	/	<=13	Pass
	1880	Outer Full	6.33	/	/	<=13	Pass
	1907.5	Outer Full	6.52	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer Full	6.74	/	/	<=13	Pass
	1880	Outer Full	6.71	/	/	<=13	Pass
	1907.5	Outer Full	6.83	/	/	<=13	Pass
CP-OFDM QPSK	1852.5	Outer Full	7.70	/	/	<=13	Pass
	1880	Outer Full	7.75	/	/	<=13	Pass
	1907.5	Outer Full	7.95	/	/	<=13	Pass
CP-OFDM 16 QAM	1852.5	Outer Full	7.78	/	/	<=13	Pass
	1880	Outer Full	7.85	/	/	<=13	Pass
	1907.5	Outer Full	8.01	/	/	<=13	Pass
CP-OFDM 64 QAM	1852.5	Outer Full	8.25	/	/	<=13	Pass
	1880	Outer Full	8.20	/	/	<=13	Pass
	1907.5	Outer Full	8.43	/	/	<=13	Pass
CP-OFDM 256 QAM	1852.5	Outer Full	8.38	/	/	<=13	Pass
	1880	Outer Full	8.35	/	/	<=13	Pass
	1907.5	Outer Full	8.41	/	/	<=13	Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n2 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1855	Outer Full	5.25	/	/	<=13	Pass
	1880	Outer Full	5.48	/	/	<=13	Pass
	1905	Outer Full	5.67	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer Full	6.07	/	/	<=13	Pass
	1880	Outer Full	6.32	/	/	<=13	Pass
	1905	Outer Full	6.48	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer Full	6.31	/	/	<=13	Pass
	1880	Outer Full	6.50	/	/	<=13	Pass
	1905	Outer Full	6.62	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1855	Outer Full	6.44	/	/	<=13	Pass
	1880	Outer Full	6.50	/	/	<=13	Pass
	1905	Outer Full	6.62	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer Full	7.63	/	/	<=13	Pass
	1880	Outer Full	8.01	/	/	<=13	Pass

	1905	Outer Full	8.12	/	/	<=13	Pass
CP-OFDM 16 QAM	1855	Outer Full	7.93	/	/	<=13	Pass
	1880	Outer Full	8.31	/	/	<=13	Pass
	1905	Outer Full	8.48	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer Full	8.01	/	/	<=13	Pass
	1880	Outer Full	8.25	/	/	<=13	Pass
	1905	Outer Full	8.41	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer Full	8.36	/	/	<=13	Pass
	1880	Outer Full	8.36	/	/	<=13	Pass
	1905	Outer Full	8.48	/	/	<=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	5.22	/	/	<=13	Pass
	1880	Outer Full	5.38	/	/	<=13	Pass
	1902.5	Outer Full	5.44	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer Full	5.93	/	/	<=13	Pass
	1880	Outer Full	6.17	/	/	<=13	Pass
	1902.5	Outer Full	6.17	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer Full	6.25	/	/	<=13	Pass
	1880	Outer Full	6.38	/	/	<=13	Pass
	1902.5	Outer Full	6.40	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer Full	6.43	/	/	<=13	Pass
	1880	Outer Full	6.51	/	/	<=13	Pass
	1902.5	Outer Full	6.57	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer Full	7.46	/	/	<=13	Pass
	1880	Outer Full	7.64	/	/	<=13	Pass
	1902.5	Outer Full	7.77	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer Full	7.74	/	/	<=13	Pass
	1880	Outer Full	7.93	/	/	<=13	Pass
	1902.5	Outer Full	8.02	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer Full	7.82	/	/	<=13	Pass
	1880	Outer Full	7.94	/	/	<=13	Pass
	1902.5	Outer Full	8.00	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer Full	8.37	/	/	<=13	Pass
	1880	Outer Full	8.36	/	/	<=13	Pass
	1902.5	Outer Full	8.49	/	/	<=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	5.19	/	/	<=13	Pass
	1880	Outer Full	5.36	/	/	<=13	Pass
	1900	Outer Full	5.29	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer Full	5.93	/	/	<=13	Pass
	1880	Outer Full	6.09	/	/	<=13	Pass
	1900	Outer Full	6.02	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer Full	6.27	/	/	<=13	Pass
	1880	Outer Full	6.43	/	/	<=13	Pass
	1900	Outer Full	6.35	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	1860	Outer Full	6.40	/	/	<=13	Pass
	1880	Outer Full	6.54	/	/	<=13	Pass
	1900	Outer Full	6.48	/	/	<=13	Pass
CP-OFDM QPSK	1860	Outer Full	7.68	/	/	<=13	Pass
	1880	Outer Full	7.64	/	/	<=13	Pass
	1900	Outer Full	7.68	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer Full	7.83	/	/	<=13	Pass
	1880	Outer Full	7.80	/	/	<=13	Pass
	1900	Outer Full	7.85	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer Full	8.07	/	/	<=13	Pass
	1880	Outer Full	8.06	/	/	<=13	Pass
	1900	Outer Full	8.08	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer Full	8.37	/	/	<=13	Pass
	1880	Outer Full	8.36	/	/	<=13	Pass
	1900	Outer Full	8.41	/	/	<=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	5.30	/	/	<=13	Pass
	1880	Outer Full	5.51	/	/	<=13	Pass
	1905	Outer Full	5.75	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer Full	6.06	/	/	<=13	Pass
	1880	Outer Full	6.29	/	/	<=13	Pass
	1905	Outer Full	6.49	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer Full	6.36	/	/	<=13	Pass
	1880	Outer Full	6.52	/	/	<=13	Pass
	1905	Outer Full	6.68	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1855	Outer Full	6.68	/	/	<=13	Pass
	1880	Outer Full	6.75	/	/	<=13	Pass
	1905	Outer Full	6.93	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer Full	7.63	/	/	<=13	Pass
	1880	Outer Full	8.00	/	/	<=13	Pass
	1905	Outer Full	8.26	/	/	<=13	Pass
CP-OFDM 16 QAM	1855	Outer Full	7.64	/	/	<=13	Pass
	1880	Outer Full	7.94	/	/	<=13	Pass
	1905	Outer Full	8.14	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer Full	7.84	/	/	<=13	Pass
	1880	Outer Full	8.13	/	/	<=13	Pass
	1905	Outer Full	8.33	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer Full	8.36	/	/	<=13	Pass
	1880	Outer Full	8.29	/	/	<=13	Pass
	1905	Outer Full	8.40	/	/	<=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	5.37	/	/	<=13	Pass
	1880	Outer Full	5.60	/	/	<=13	Pass
	1902.5	Outer Full	5.56	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer Full	5.94	/	/	<=13	Pass

	1880	Outer Full	6.22	/	/	<=13	Pass
	1902.5	Outer Full	6.16	/	/	<=13	Pass
	1857.5	Outer Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1880	Outer Full	6.46	/	/	<=13	Pass
	1902.5	Outer Full	6.48	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer Full	6.41	/	/	<=13	Pass
	1880	Outer Full	6.49	/	/	<=13	Pass
	1902.5	Outer Full	6.58	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer Full	7.47	/	/	<=13	Pass
	1880	Outer Full	7.77	/	/	<=13	Pass
	1902.5	Outer Full	7.75	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer Full	7.70	/	/	<=13	Pass
	1880	Outer Full	8.05	/	/	<=13	Pass
	1902.5	Outer Full	8.01	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer Full	7.91	/	/	<=13	Pass
	1880	Outer Full	8.12	/	/	<=13	Pass
	1902.5	Outer Full	8.17	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer Full	8.56	/	/	<=13	Pass
	1880	Outer Full	8.44	/	/	<=13	Pass
	1902.5	Outer Full	8.57	/	/	<=13	Pass

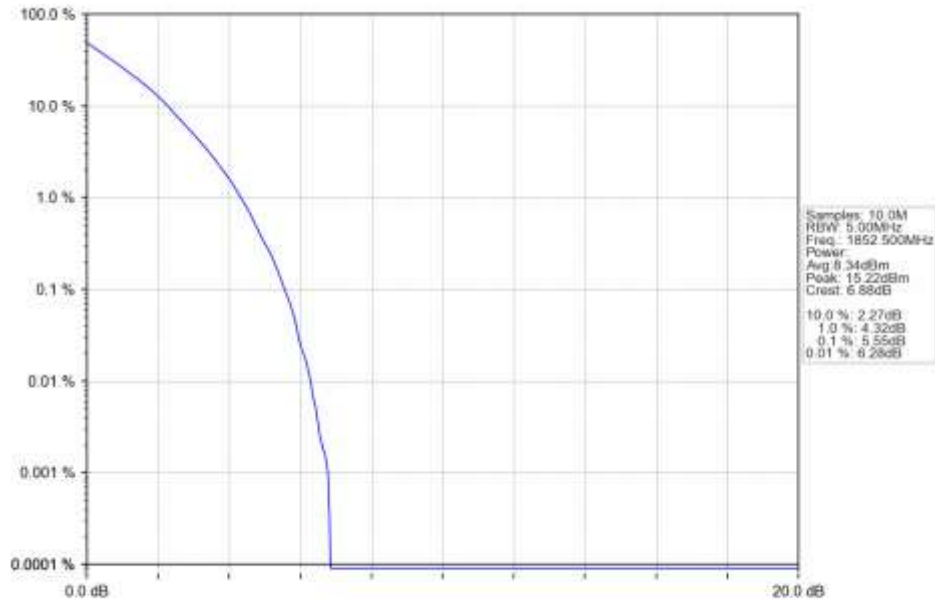
5.1.7 30k_SISO_20MHz_NTNV

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	5.21	/	/	<=13	Pass
	1880	Outer Full	5.49	/	/	<=13	Pass
	1900	Outer Full	5.29	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer Full	6.03	/	/	<=13	Pass
	1880	Outer Full	6.24	/	/	<=13	Pass
	1900	Outer Full	6.08	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer Full	6.24	/	/	<=13	Pass
	1880	Outer Full	6.44	/	/	<=13	Pass
	1900	Outer Full	6.29	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1860	Outer Full	6.45	/	/	<=13	Pass
	1880	Outer Full	6.53	/	/	<=13	Pass
	1900	Outer Full	6.47	/	/	<=13	Pass
CP-OFDM QPSK	1860	Outer Full	7.63	/	/	<=13	Pass
	1880	Outer Full	7.77	/	/	<=13	Pass
	1900	Outer Full	7.60	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer Full	7.79	/	/	<=13	Pass
	1880	Outer Full	7.87	/	/	<=13	Pass
	1900	Outer Full	7.72	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer Full	7.94	/	/	<=13	Pass
	1880	Outer Full	8.04	/	/	<=13	Pass
	1900	Outer Full	7.93	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer Full	8.59	/	/	<=13	Pass
	1880	Outer Full	8.55	/	/	<=13	Pass
	1900	Outer Full	8.64	/	/	<=13	Pass

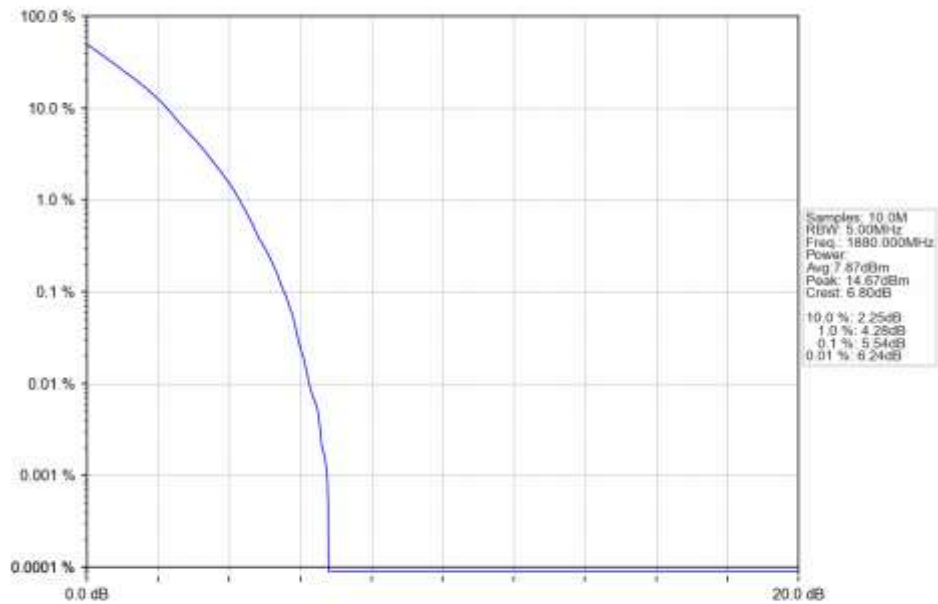
5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

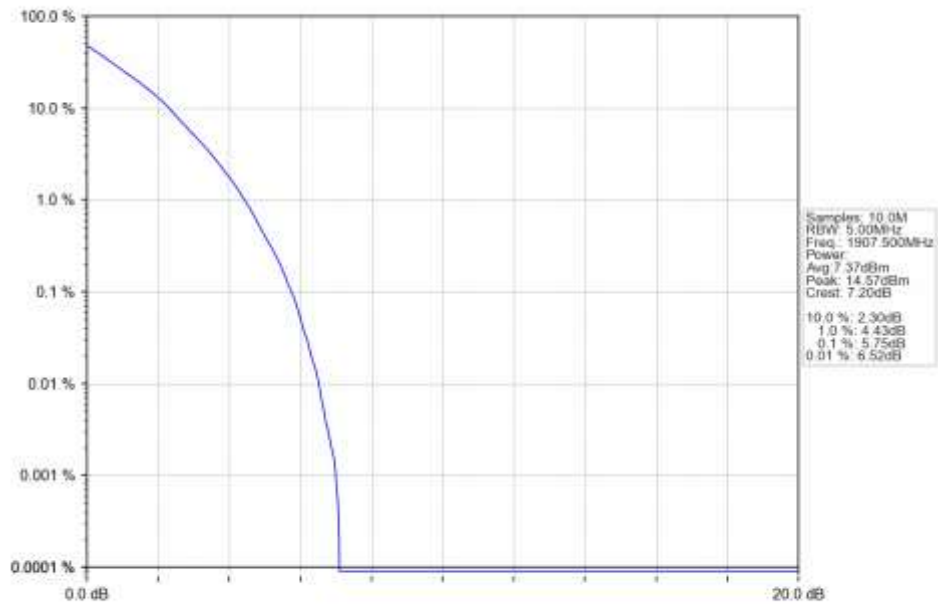
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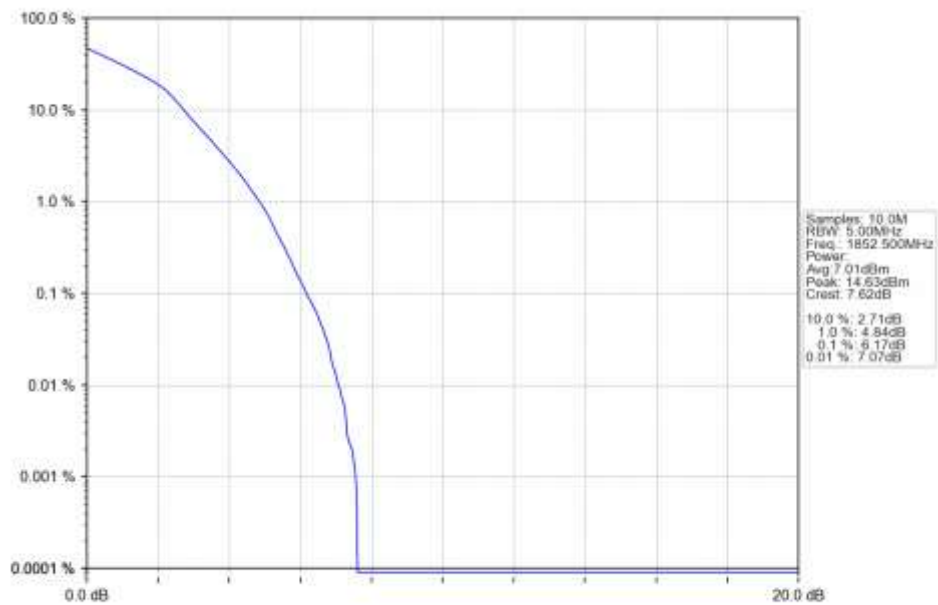
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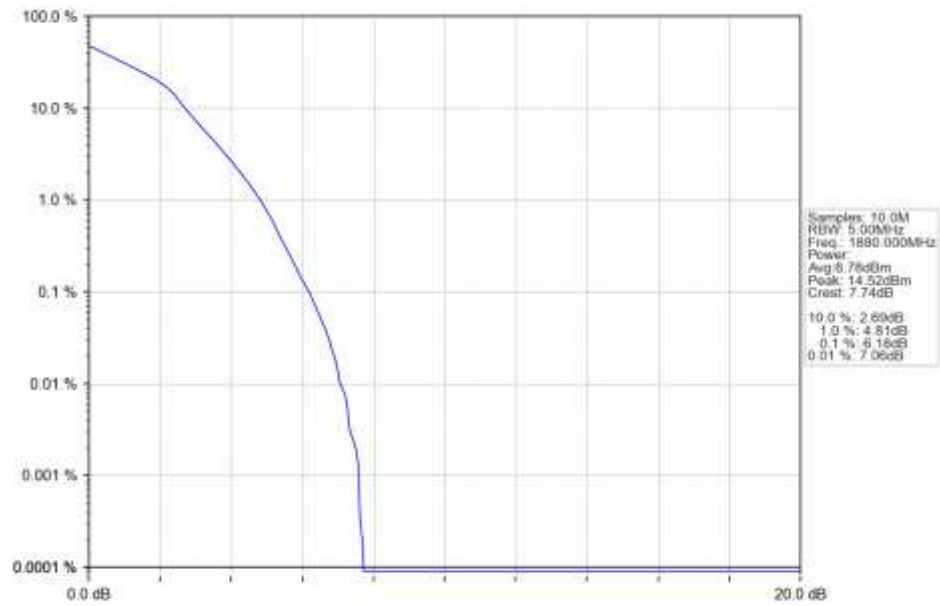
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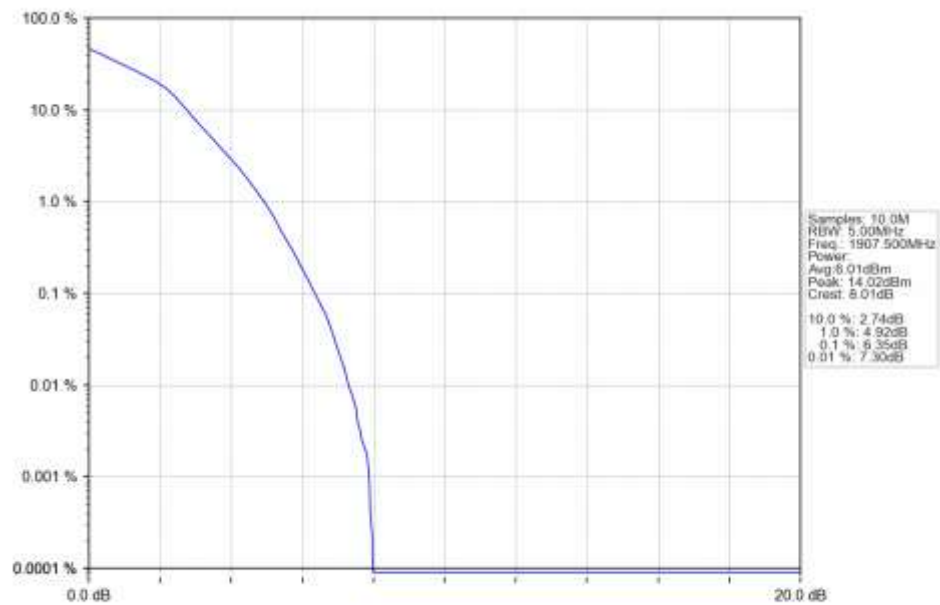
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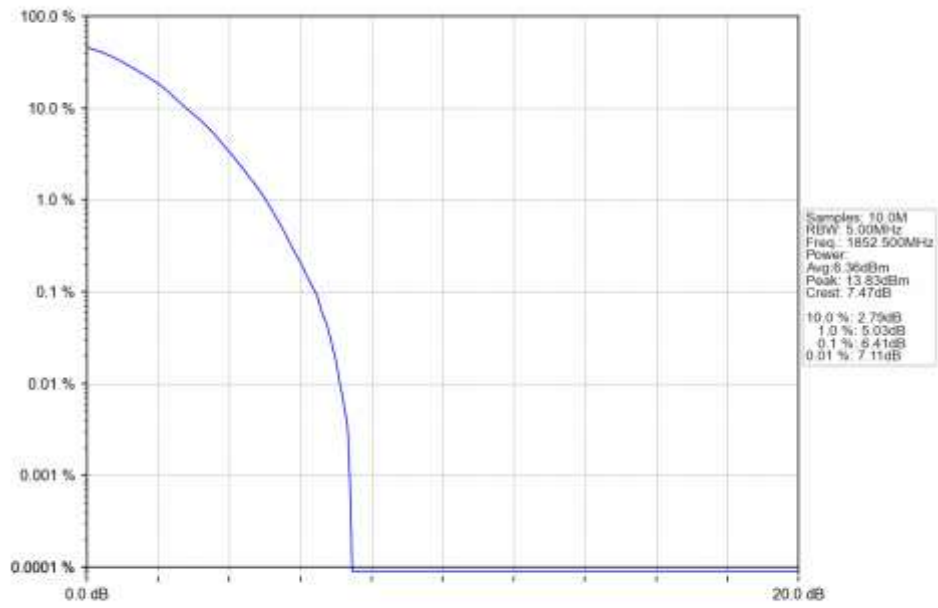
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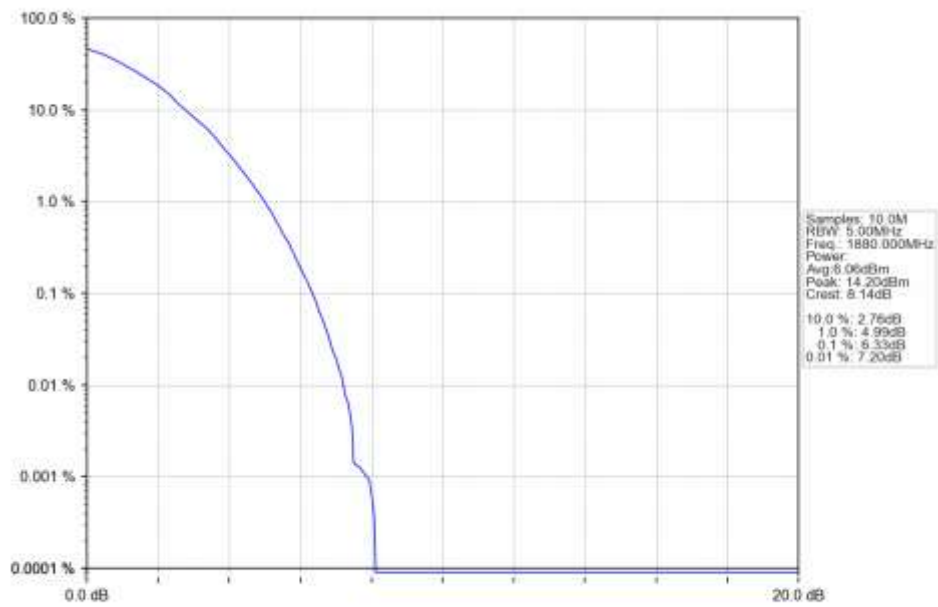
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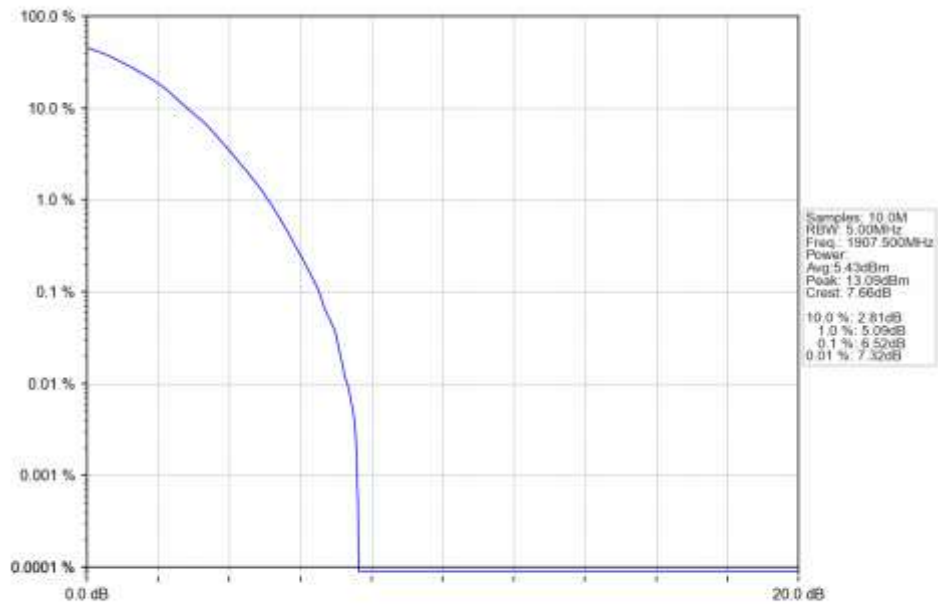
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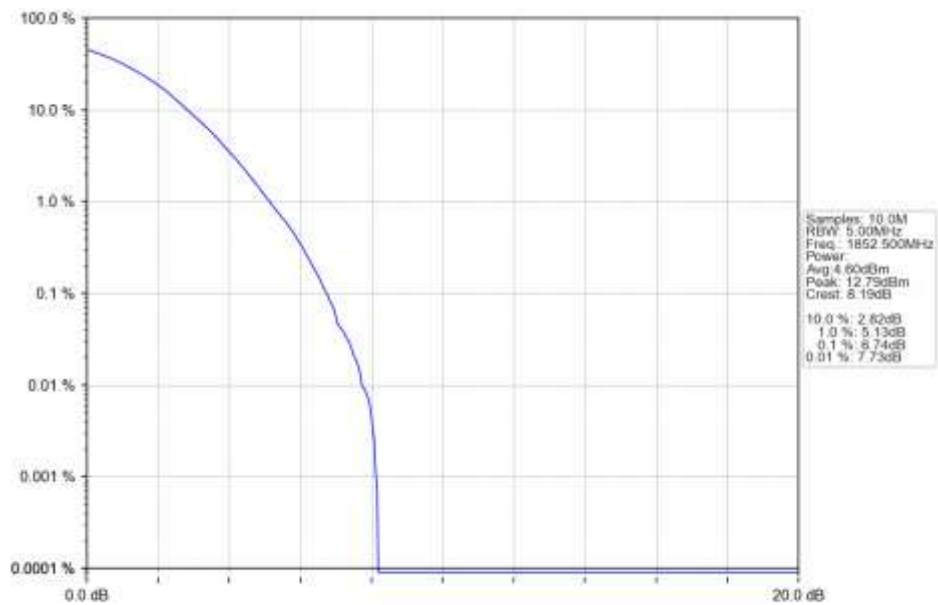
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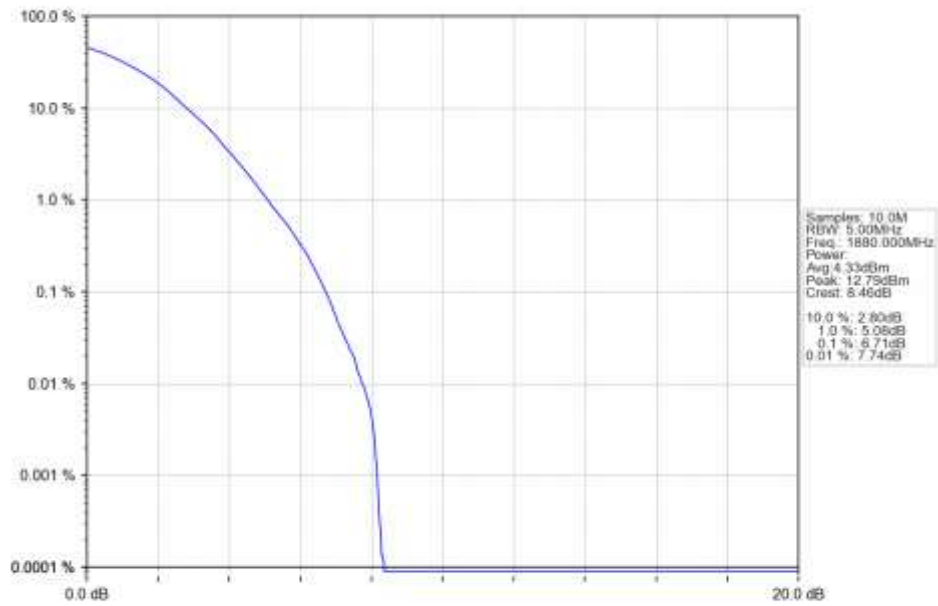
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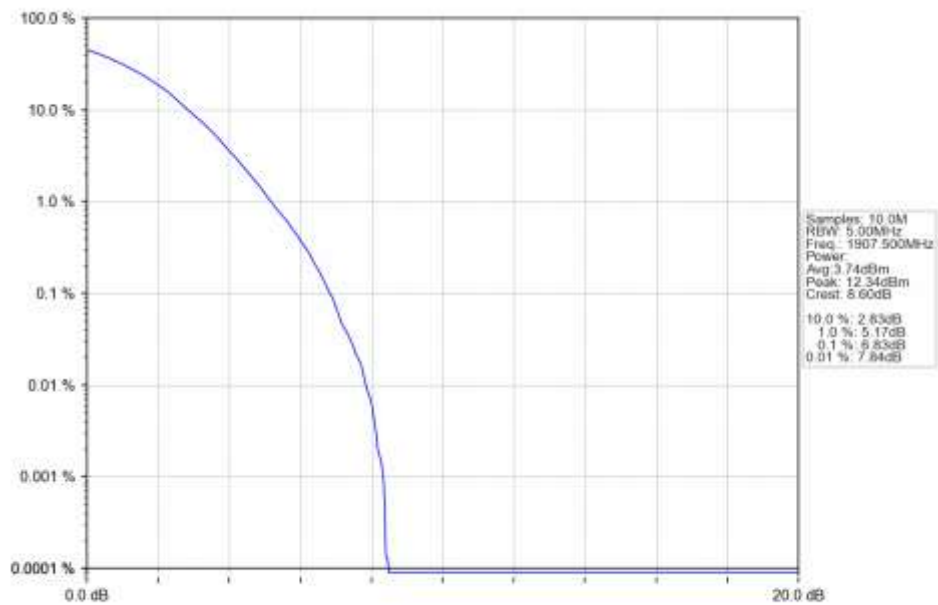
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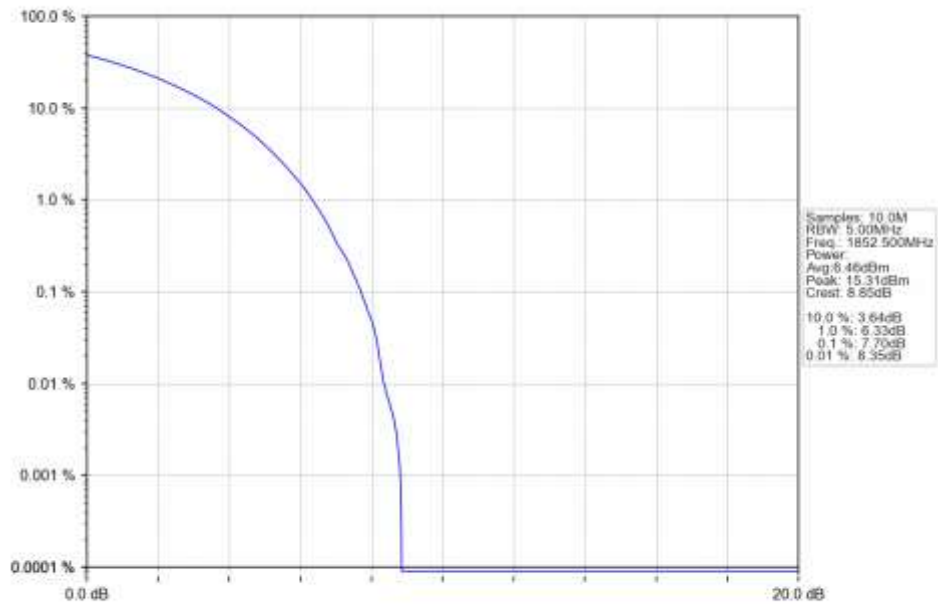
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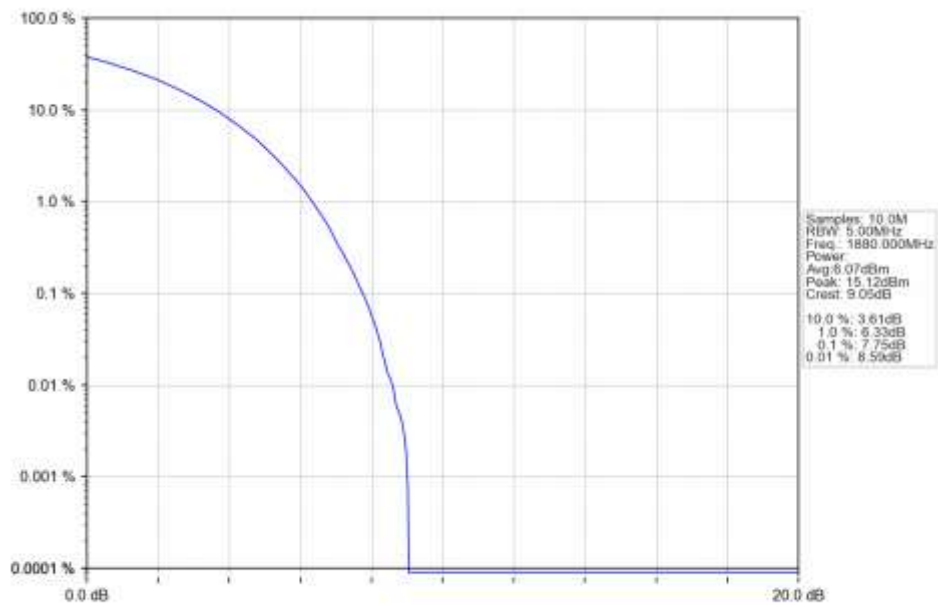
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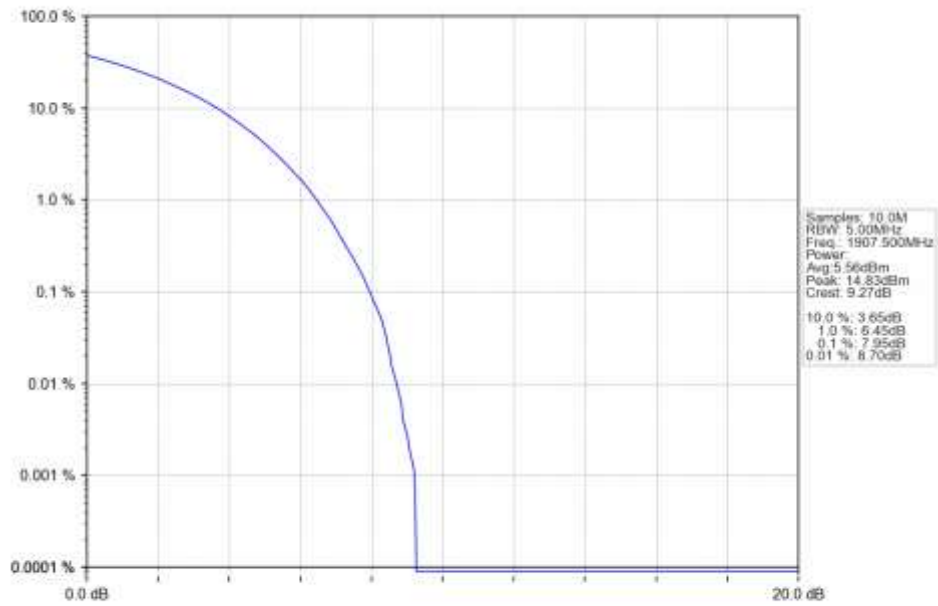
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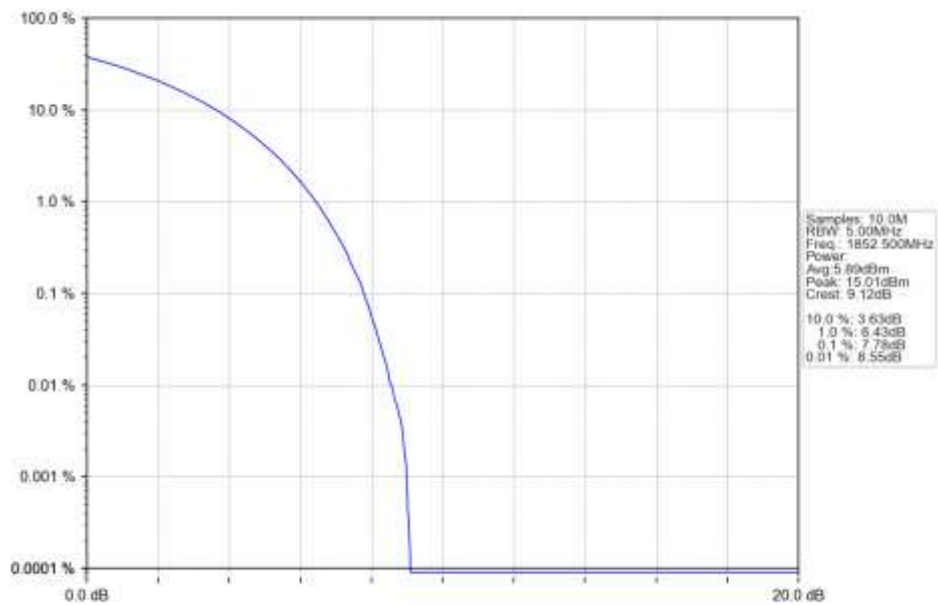
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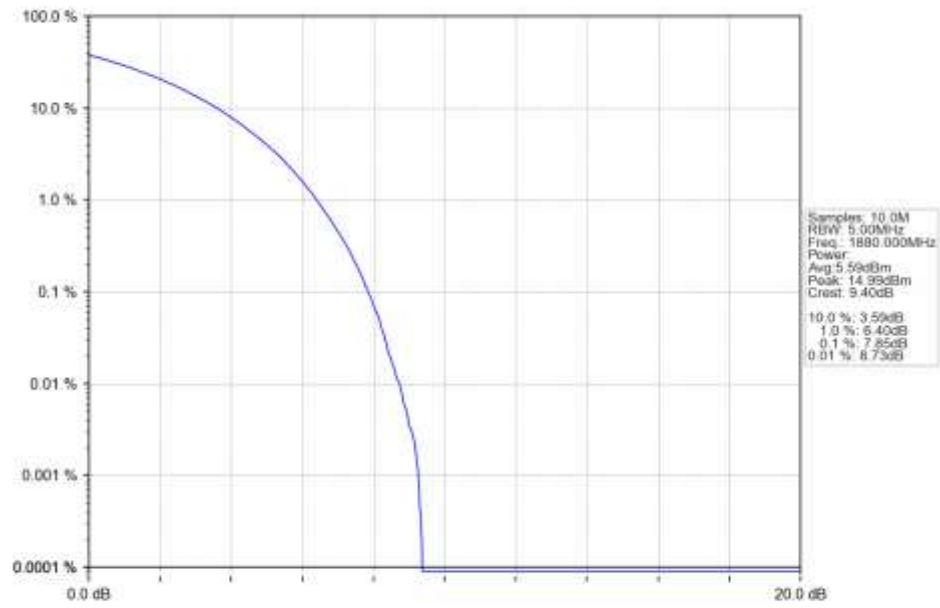
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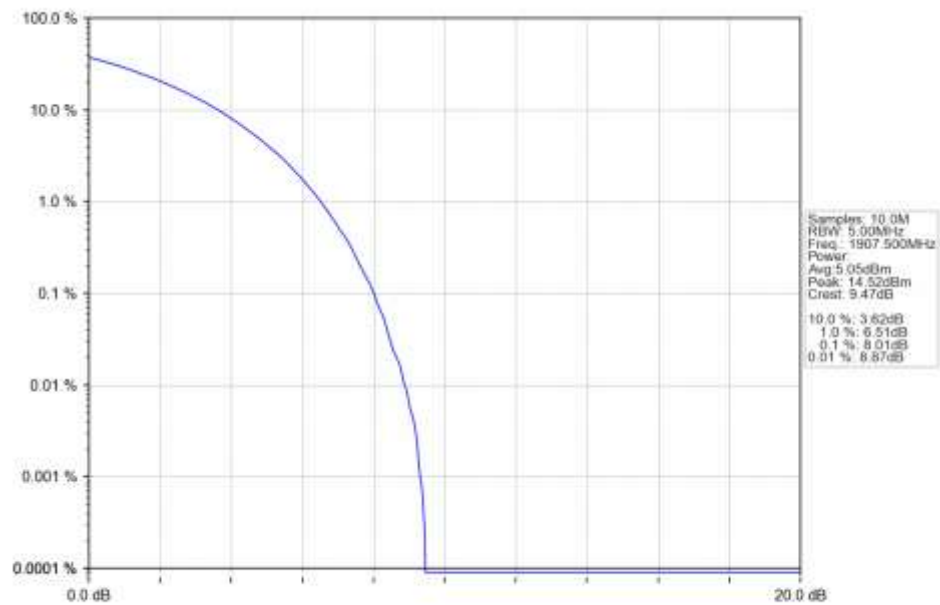
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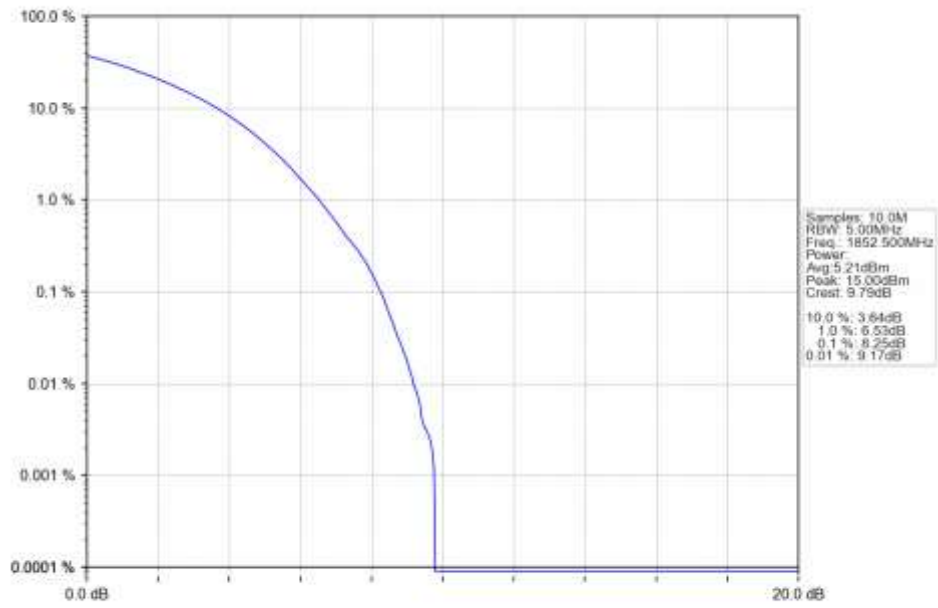
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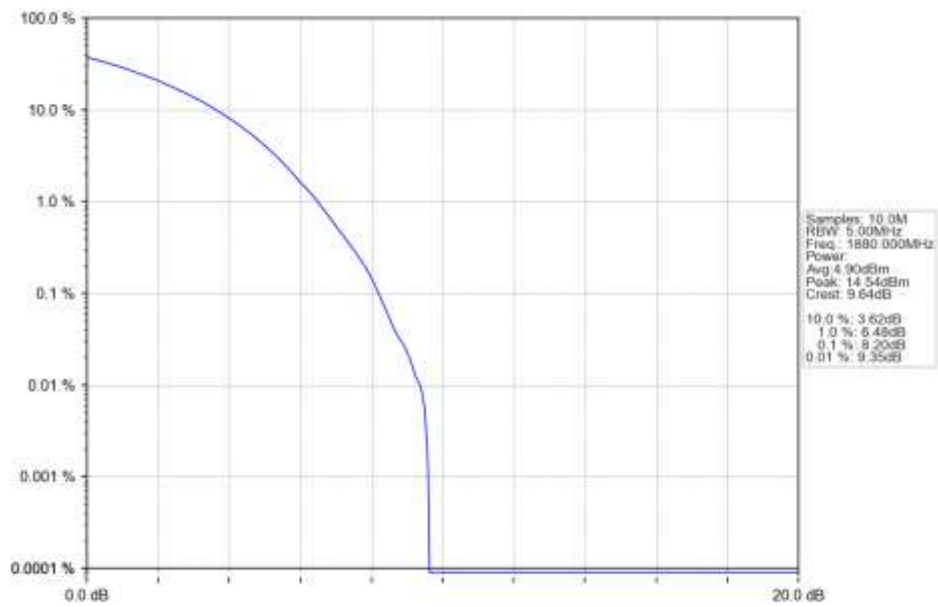
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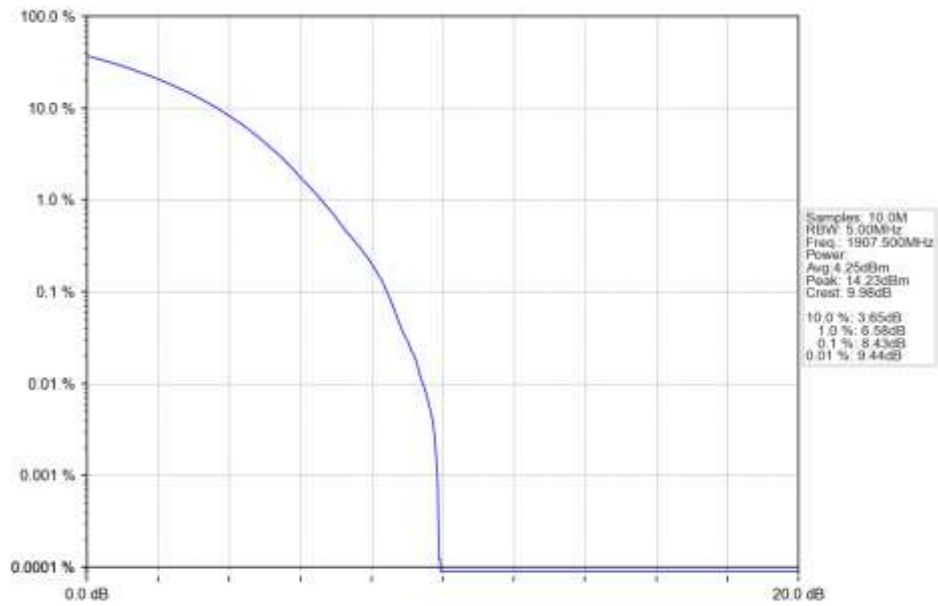
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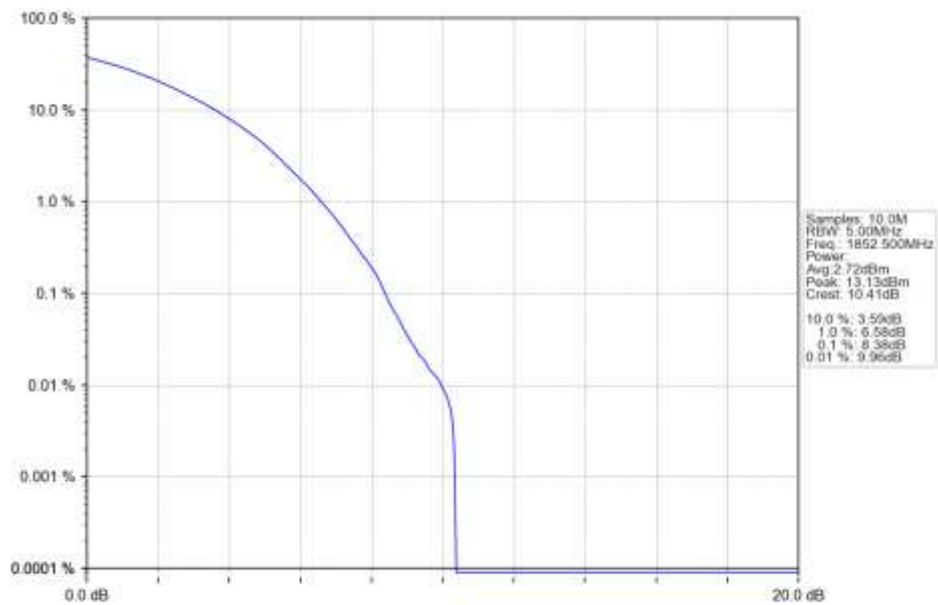
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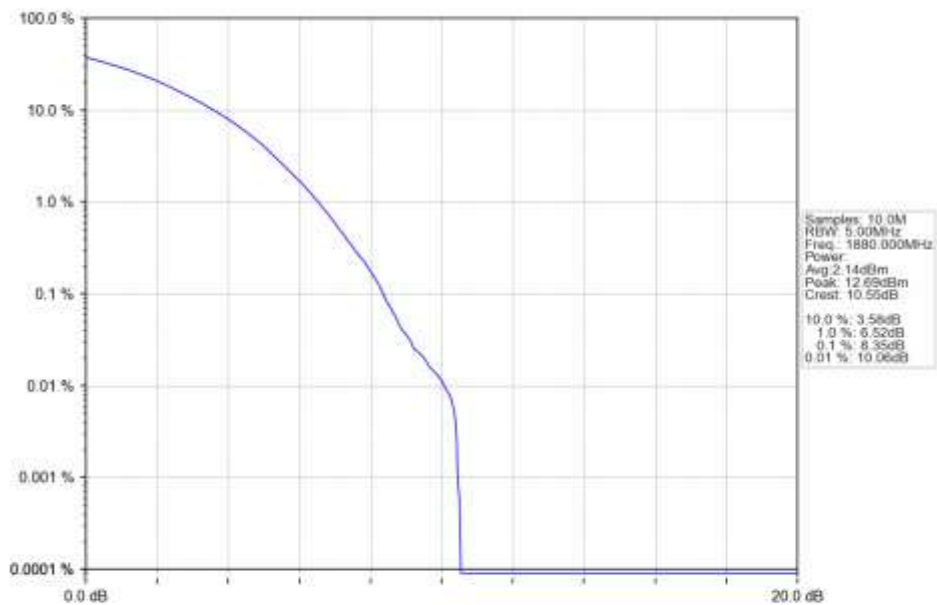
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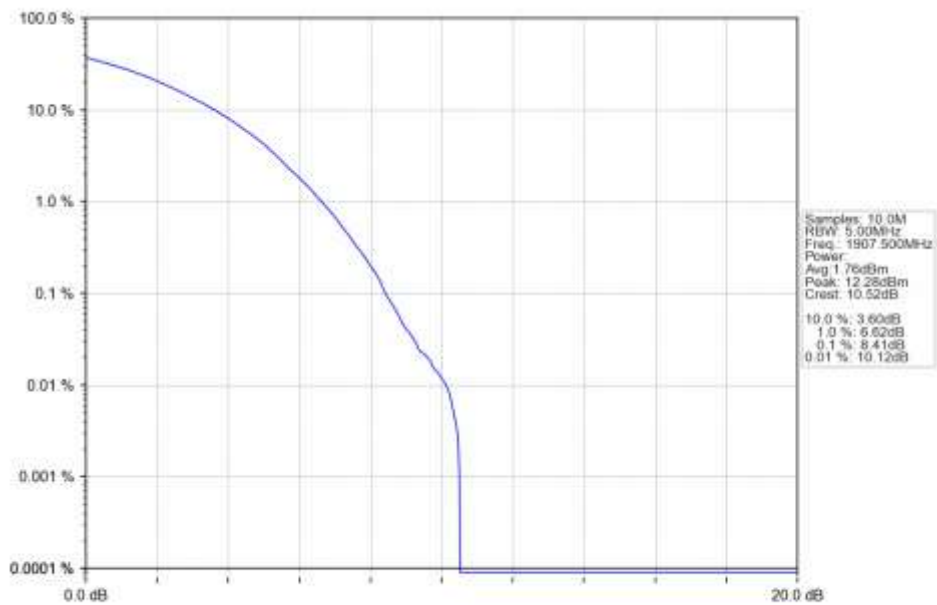
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n2_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 1880MHz_Outer_Full_Ant1

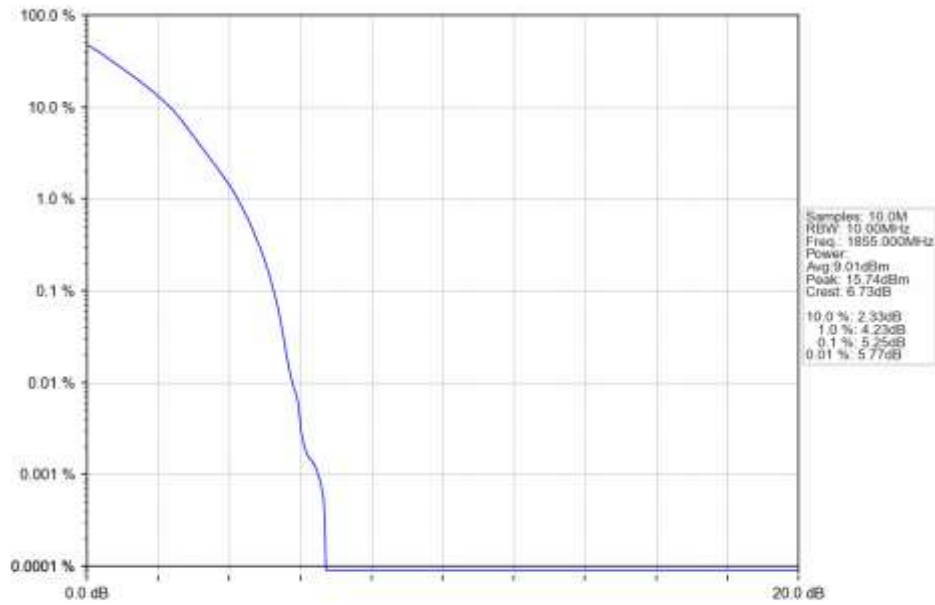


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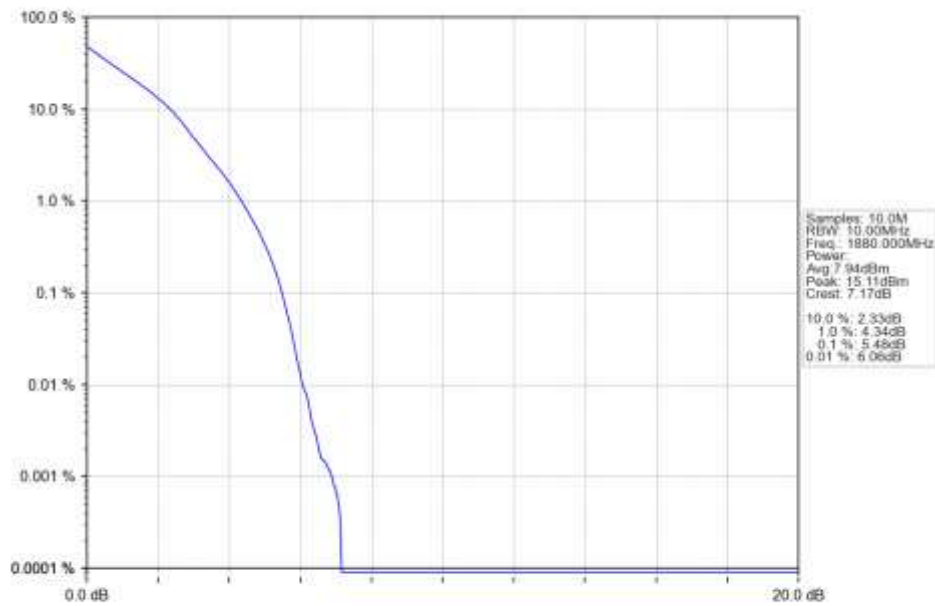


5.2.2 15k_SISO_10MHz_NTNV

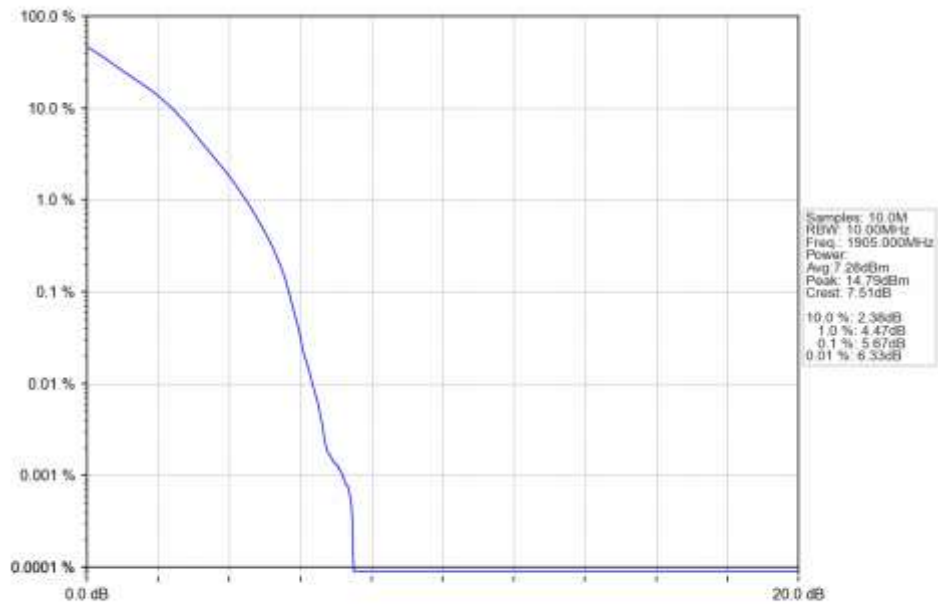
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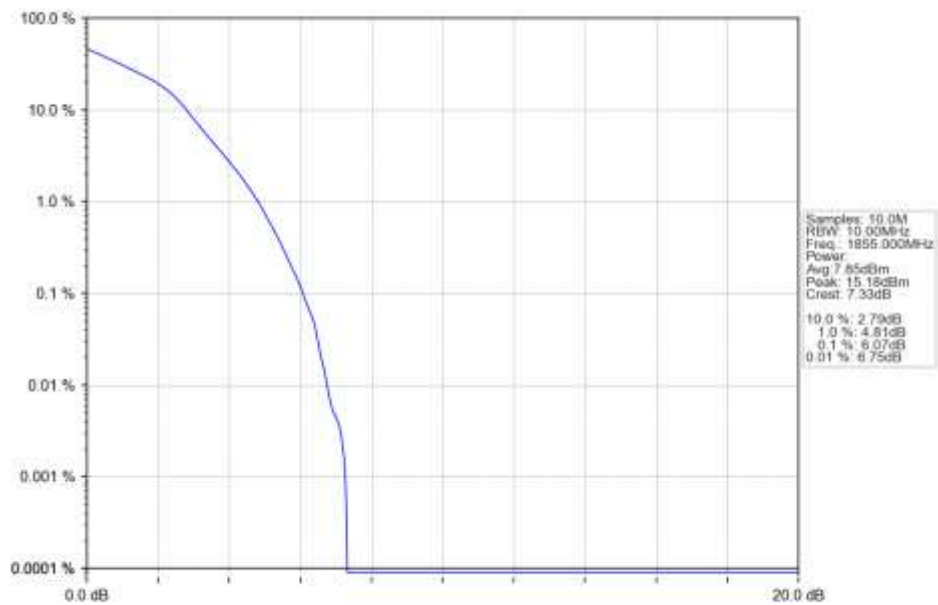
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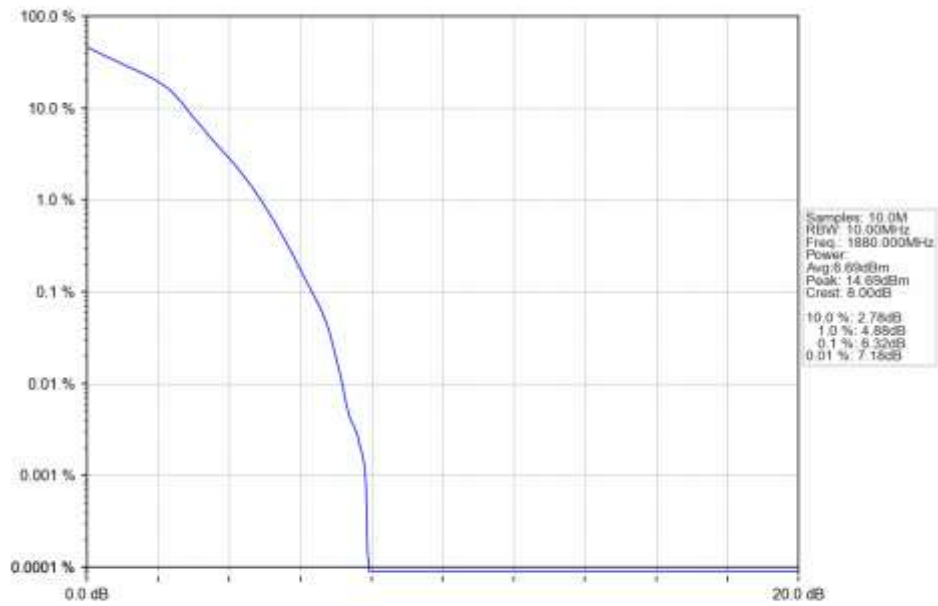
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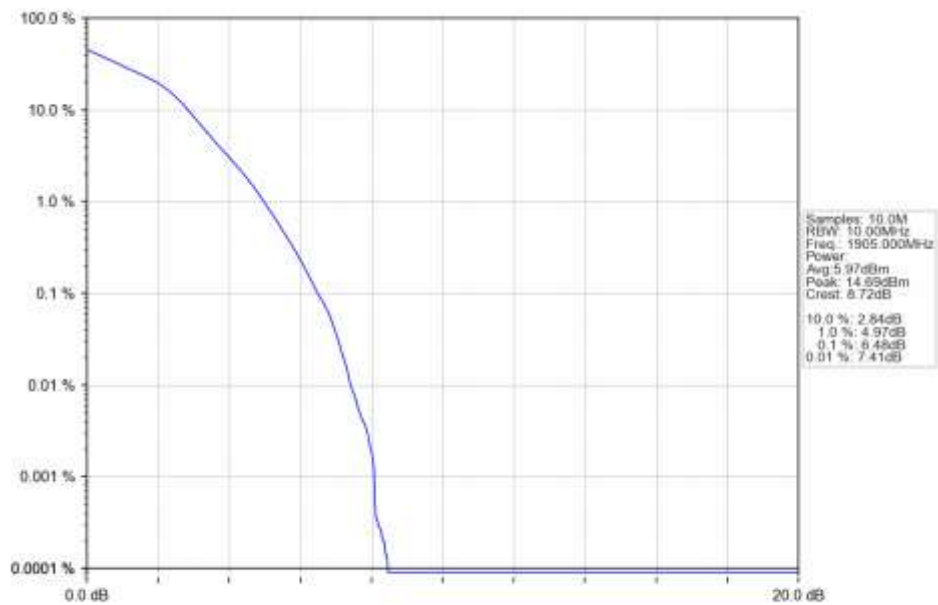
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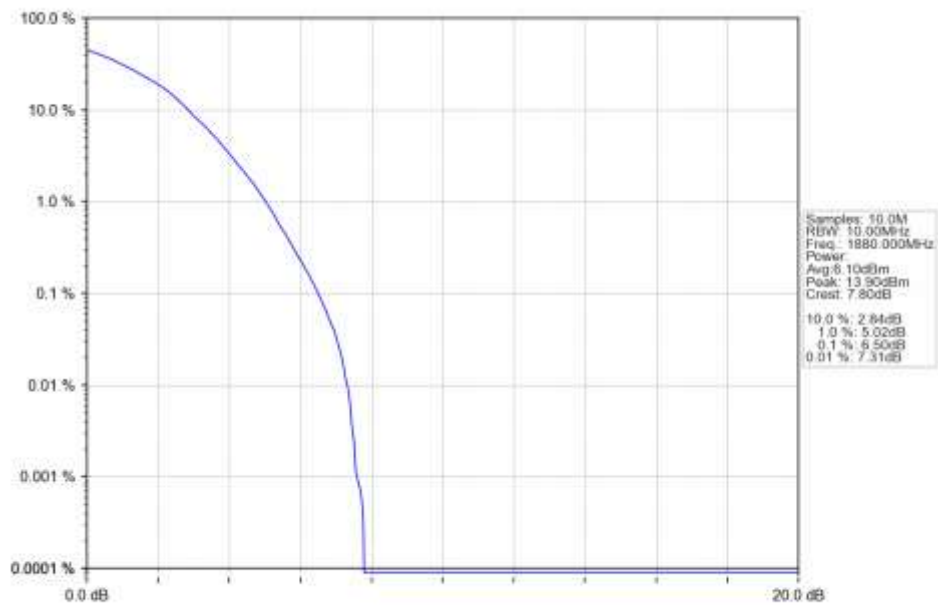
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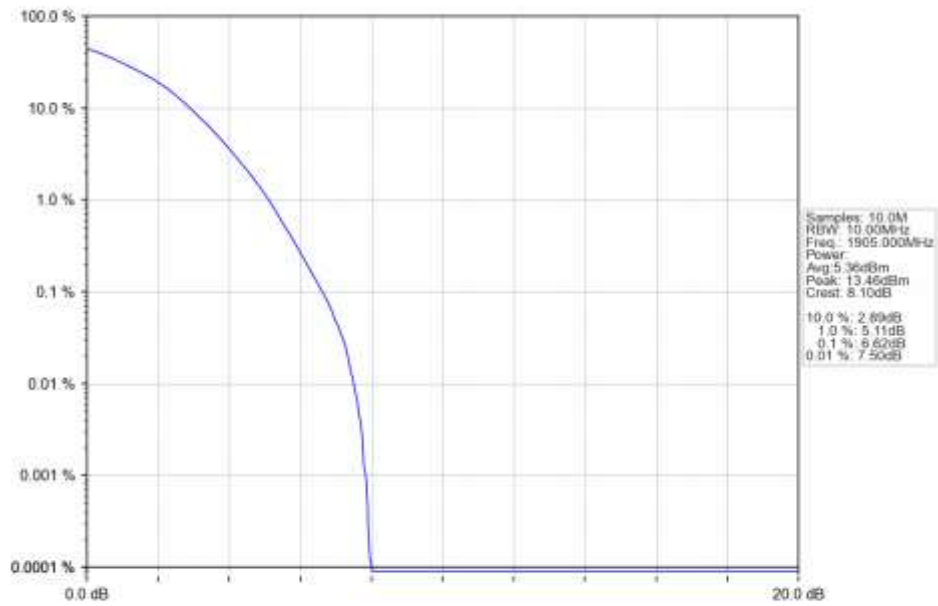
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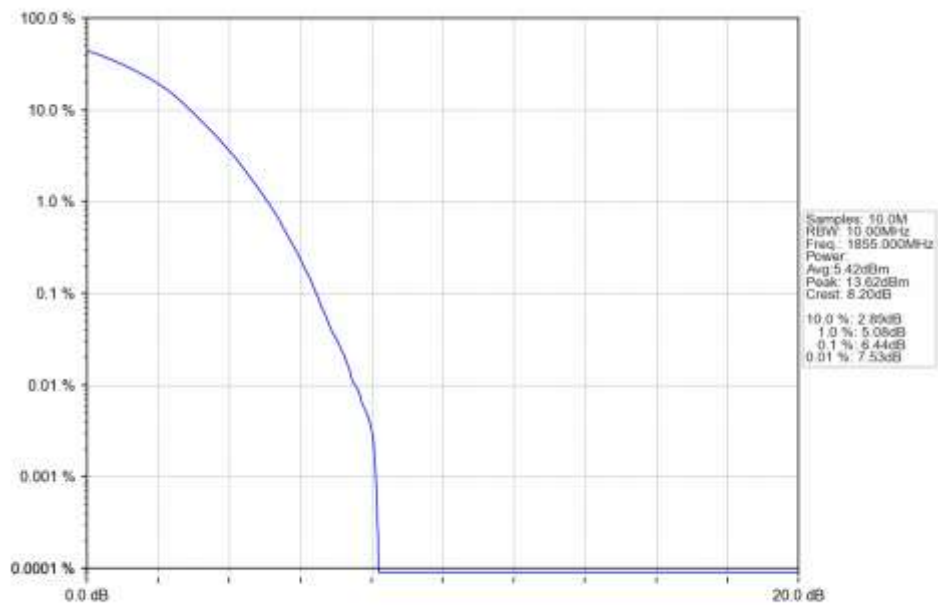
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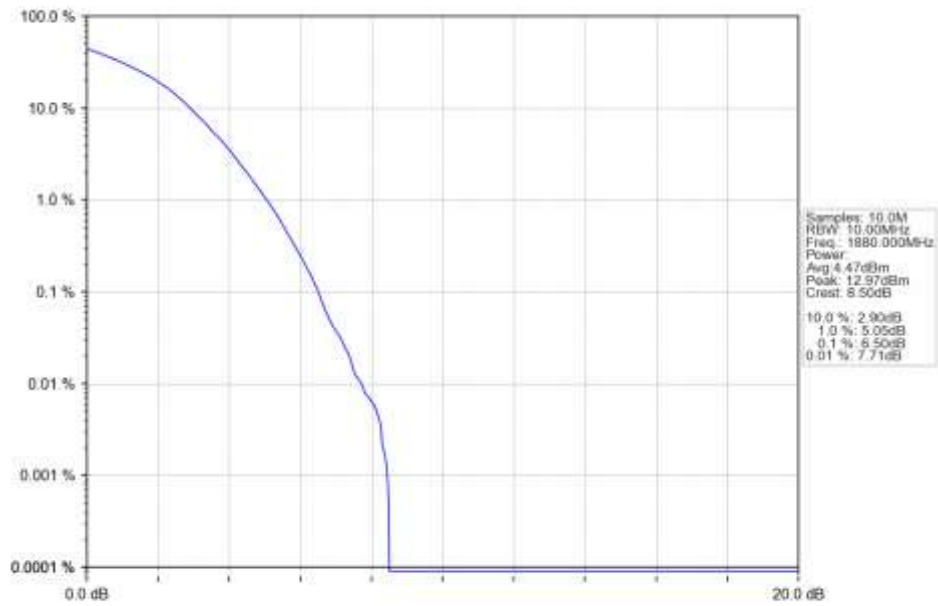
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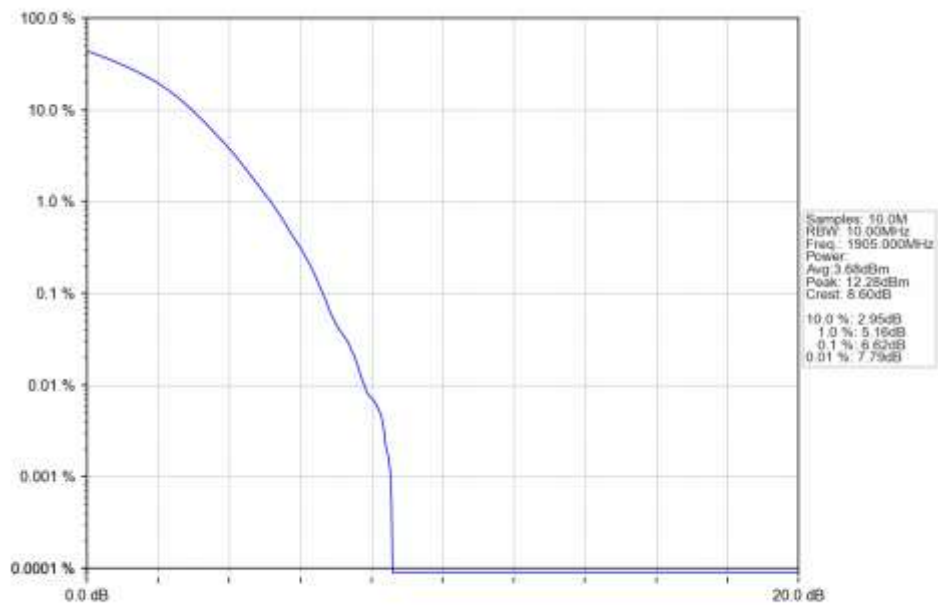
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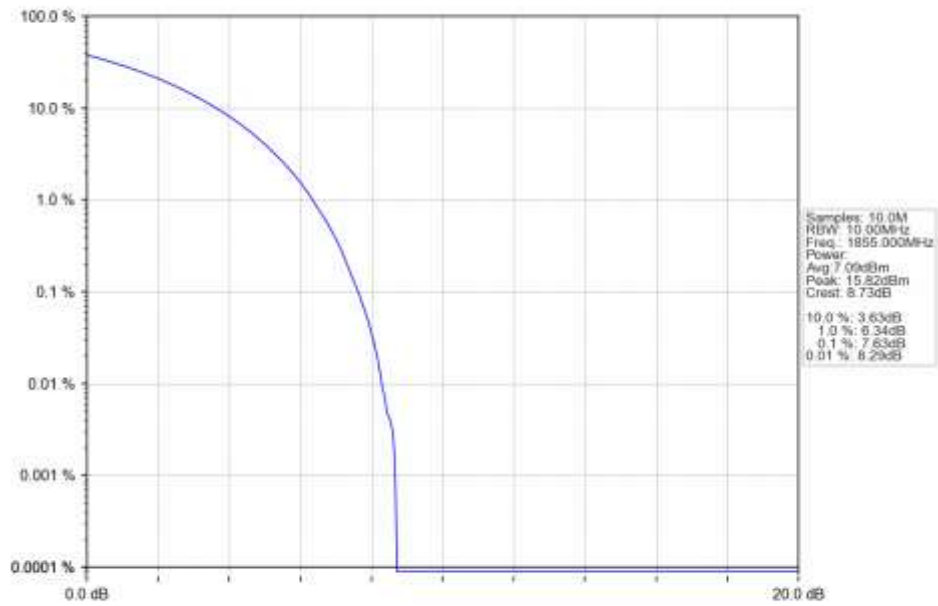
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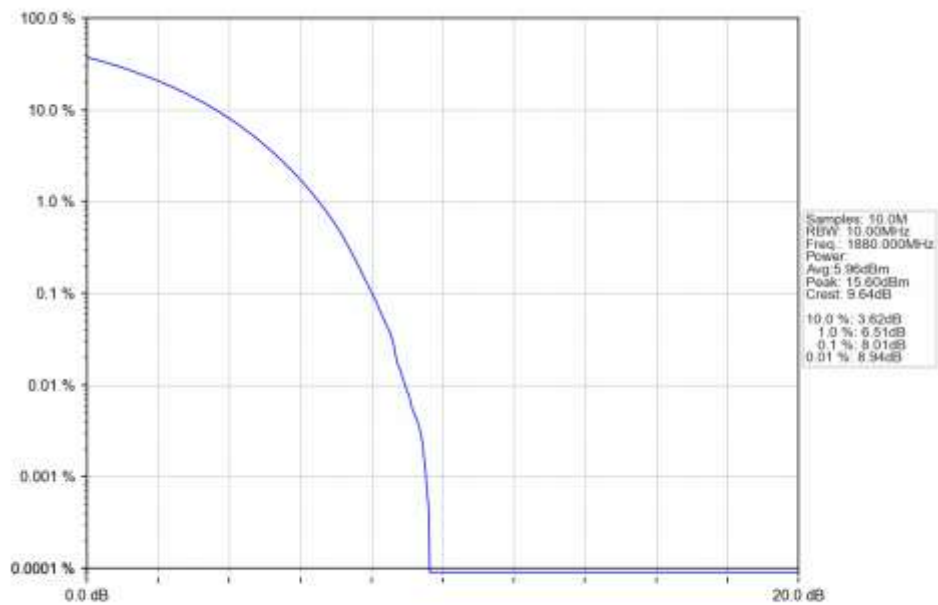
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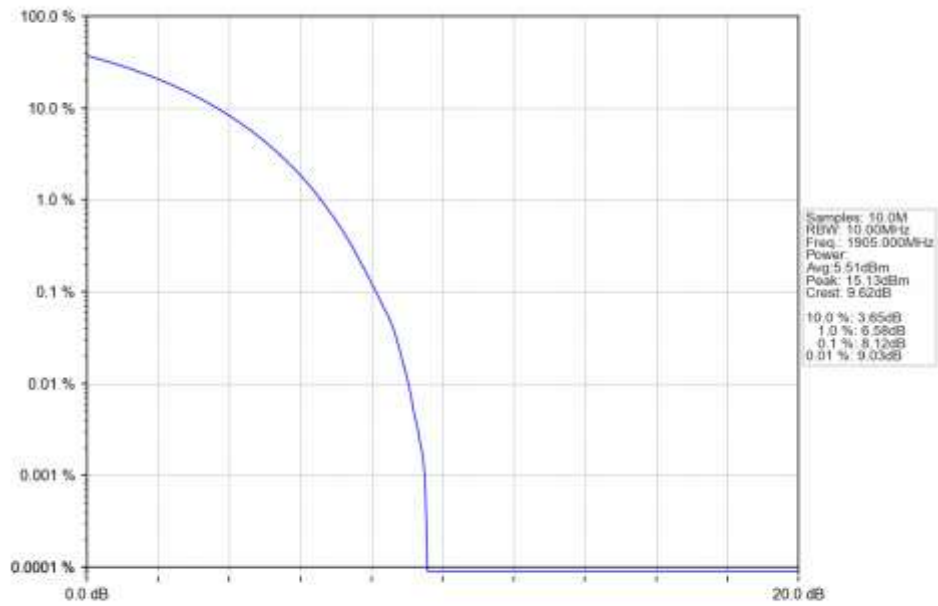
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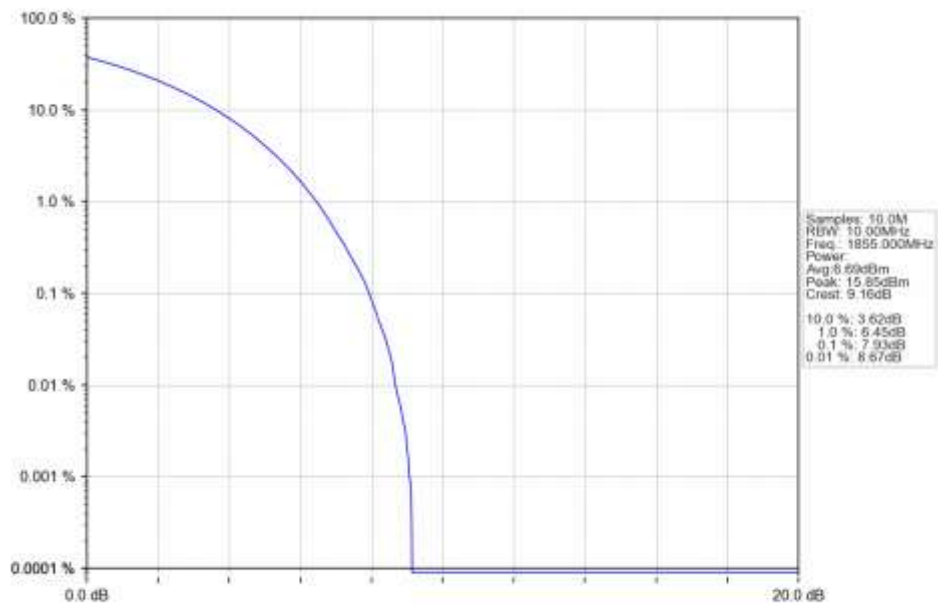
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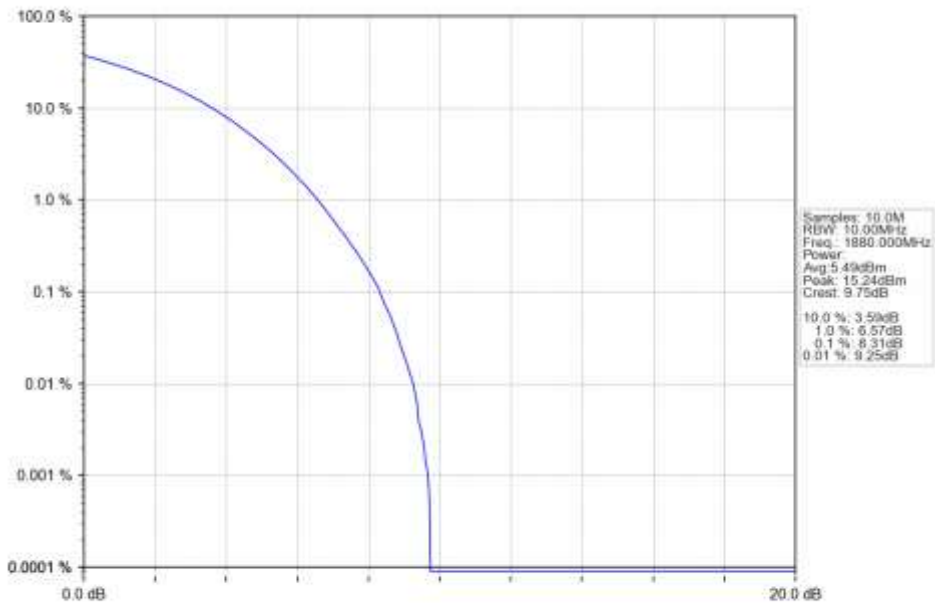
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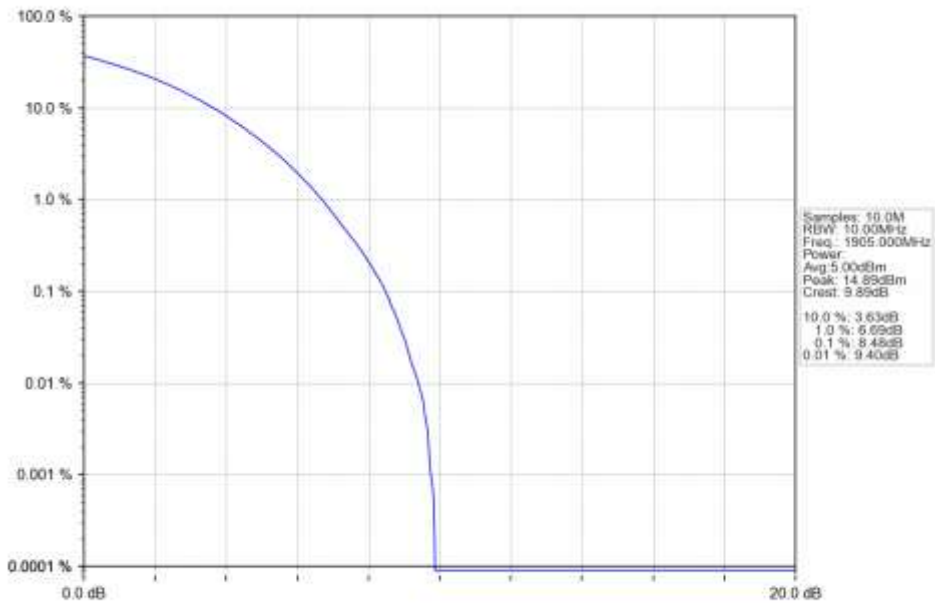
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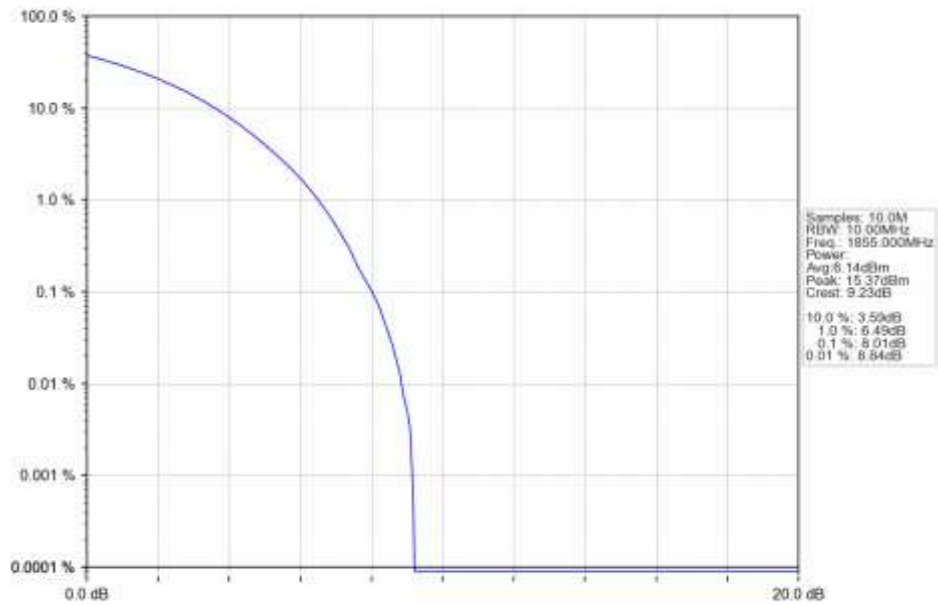
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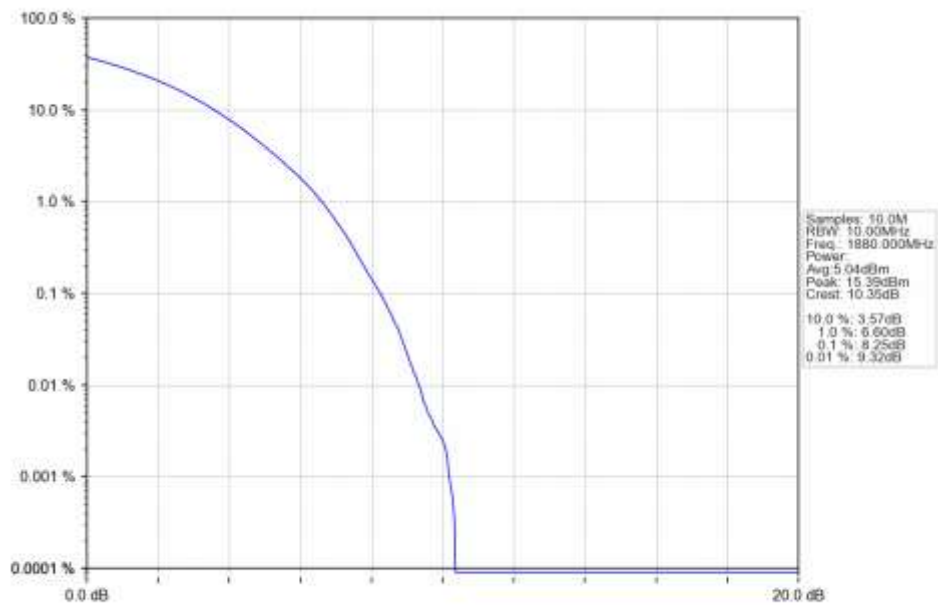
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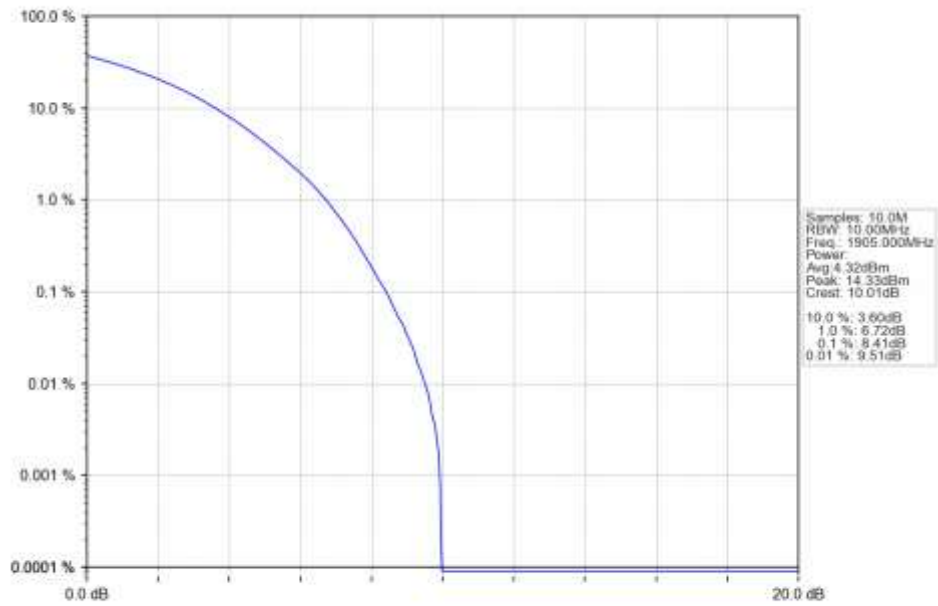
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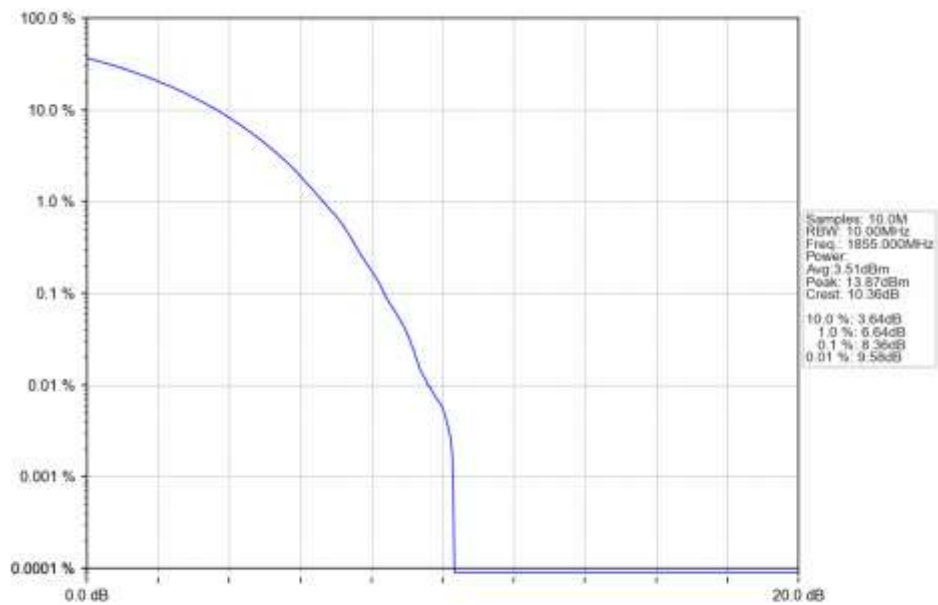
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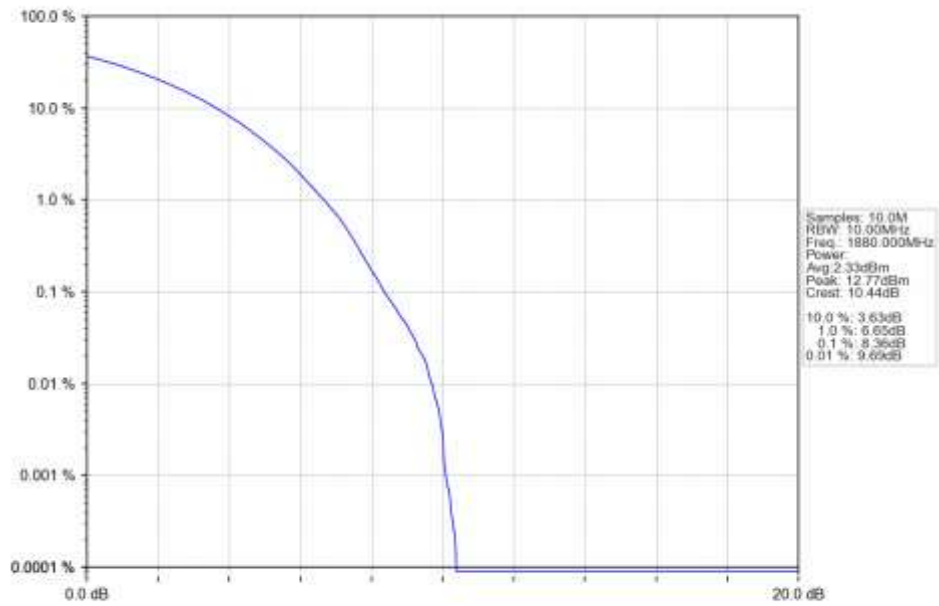
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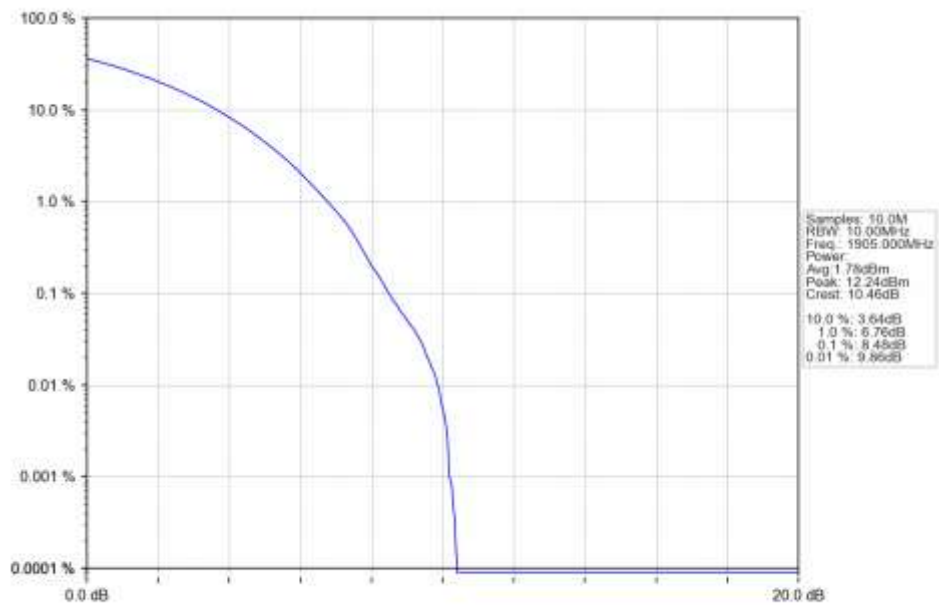
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n2_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full_Ant1

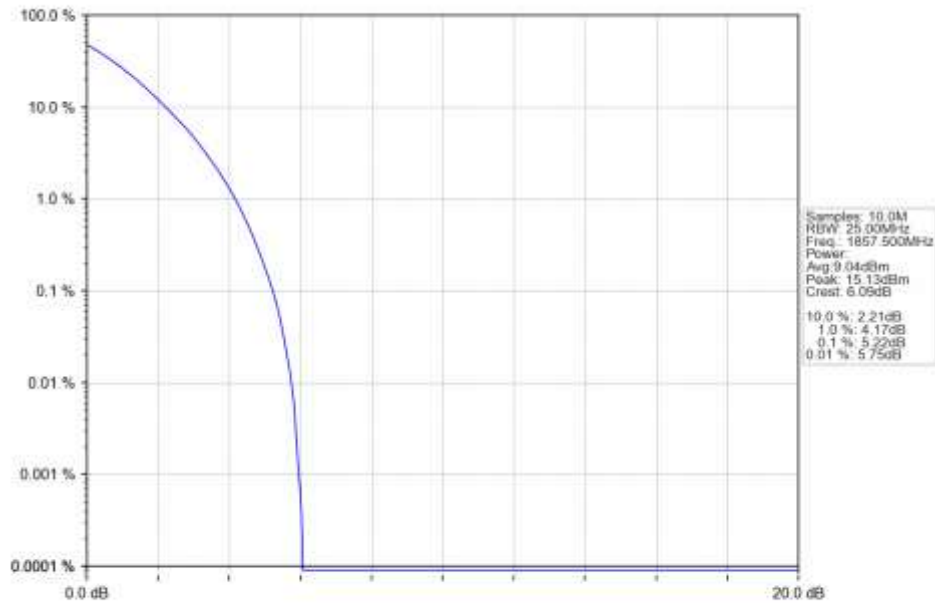


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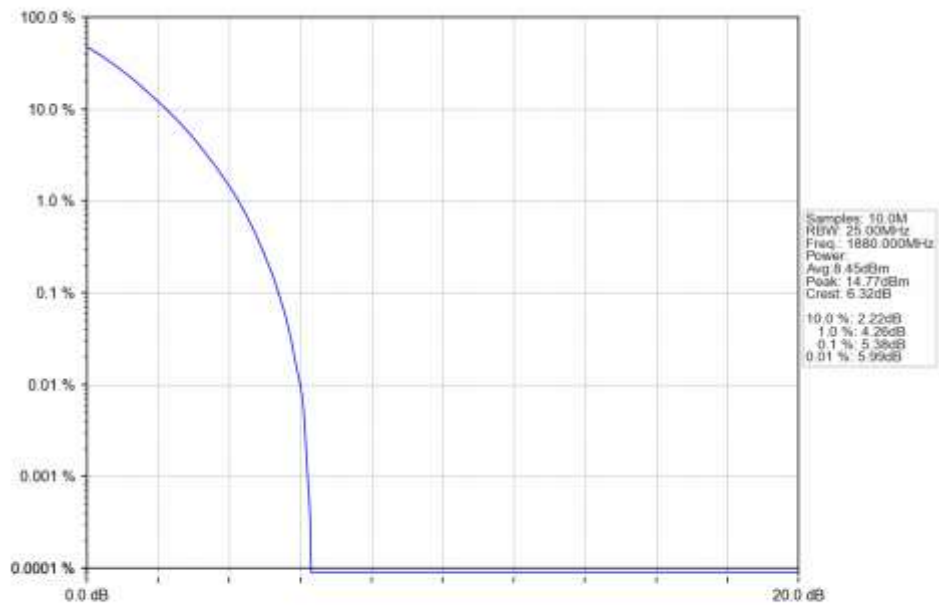


5.2.3 15k_SISO_15MHz_NTNV

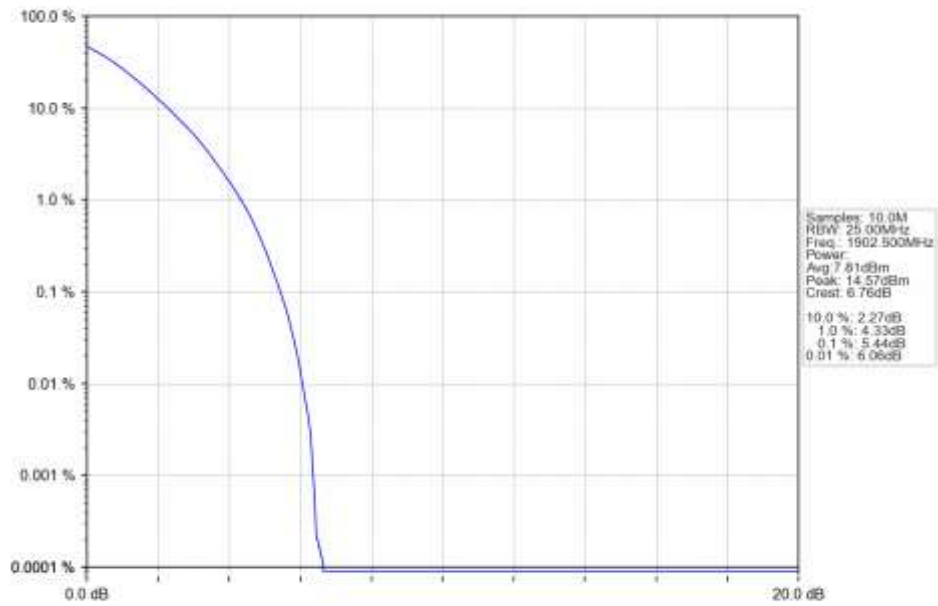
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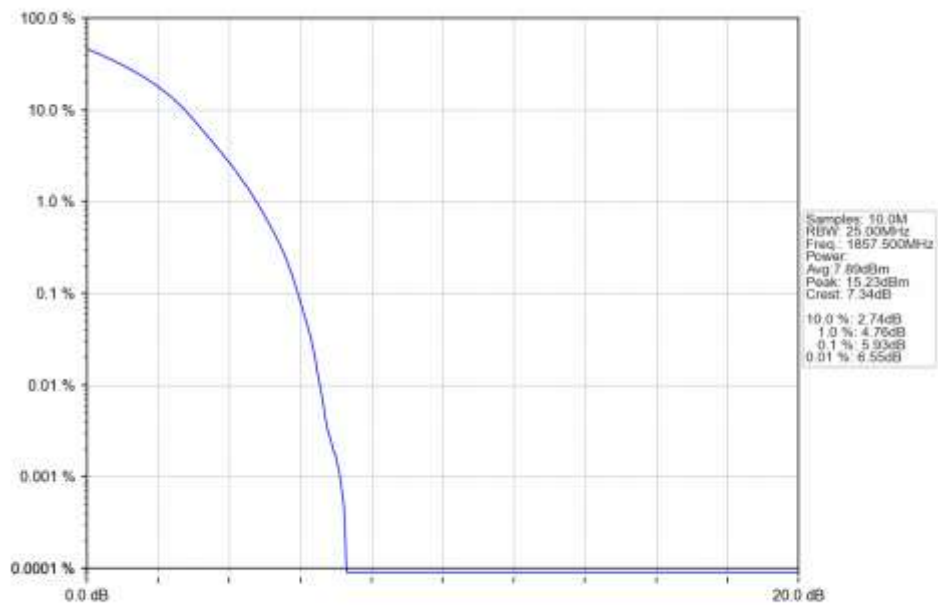
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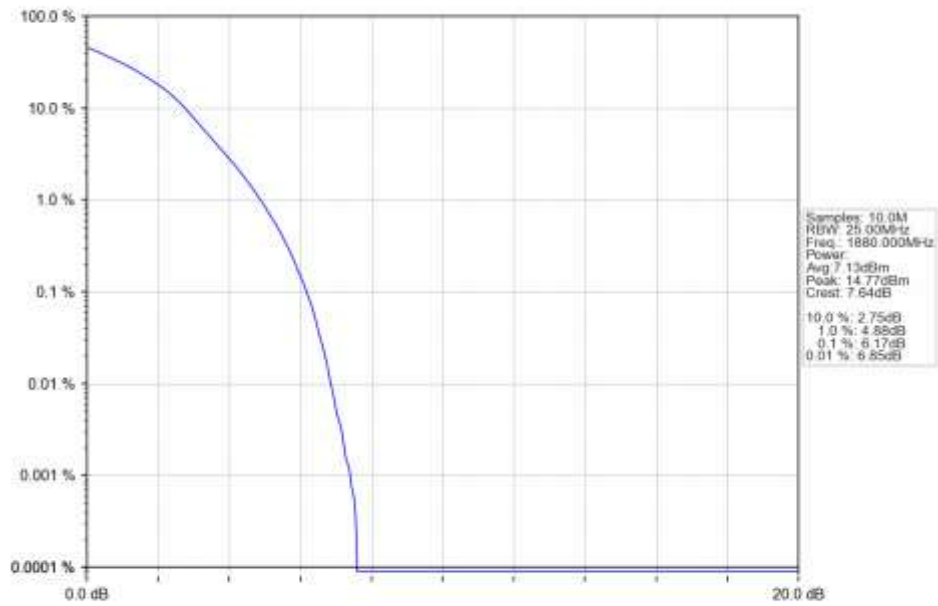
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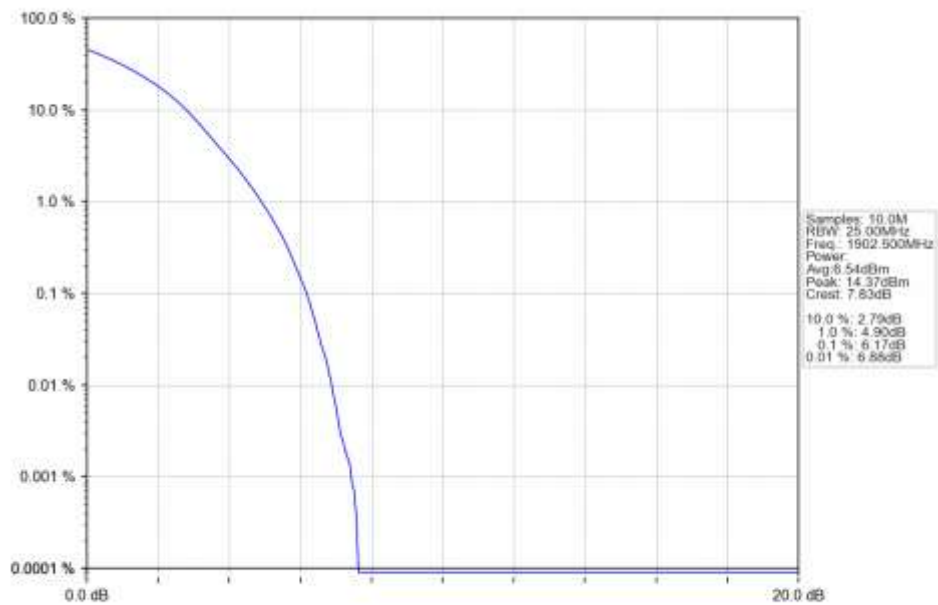
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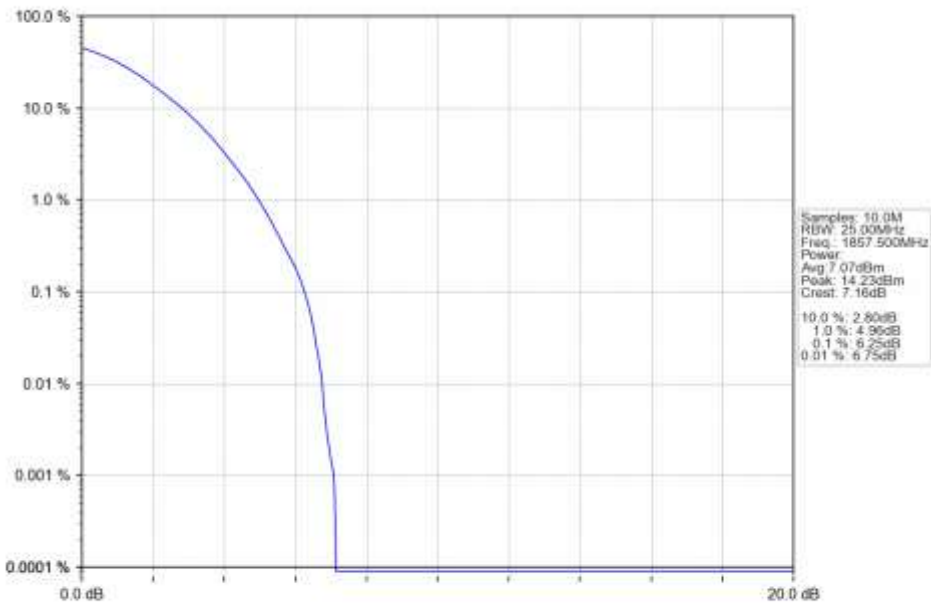
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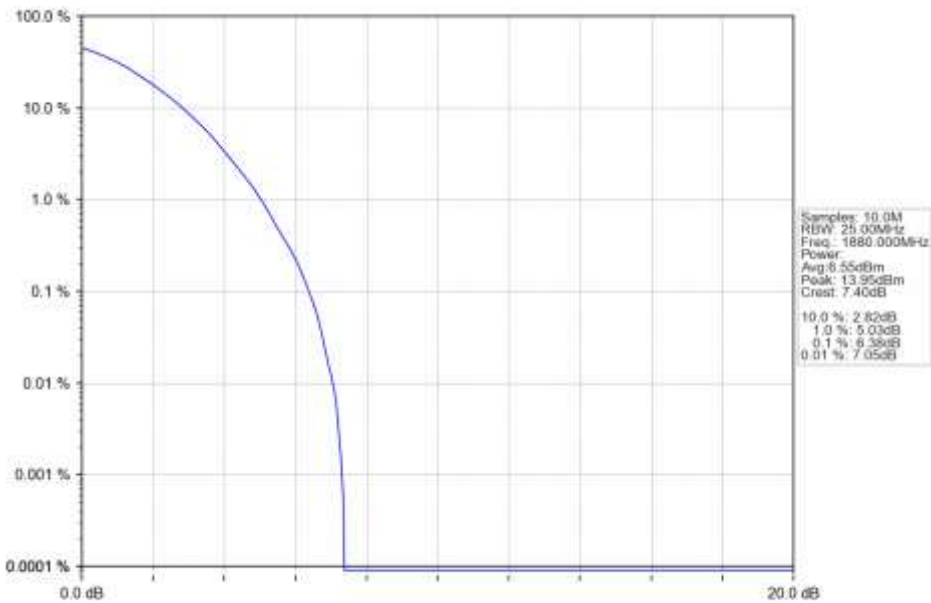
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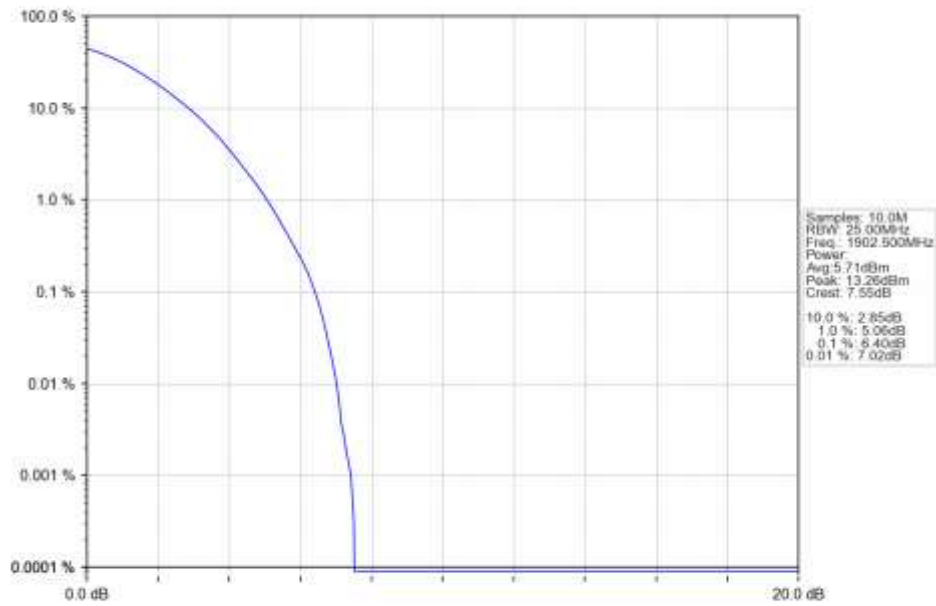
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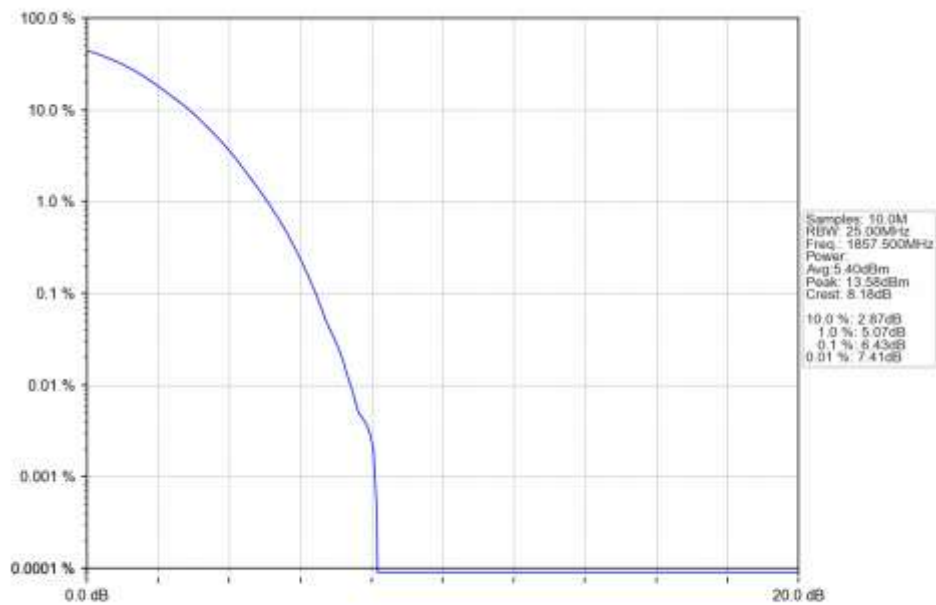
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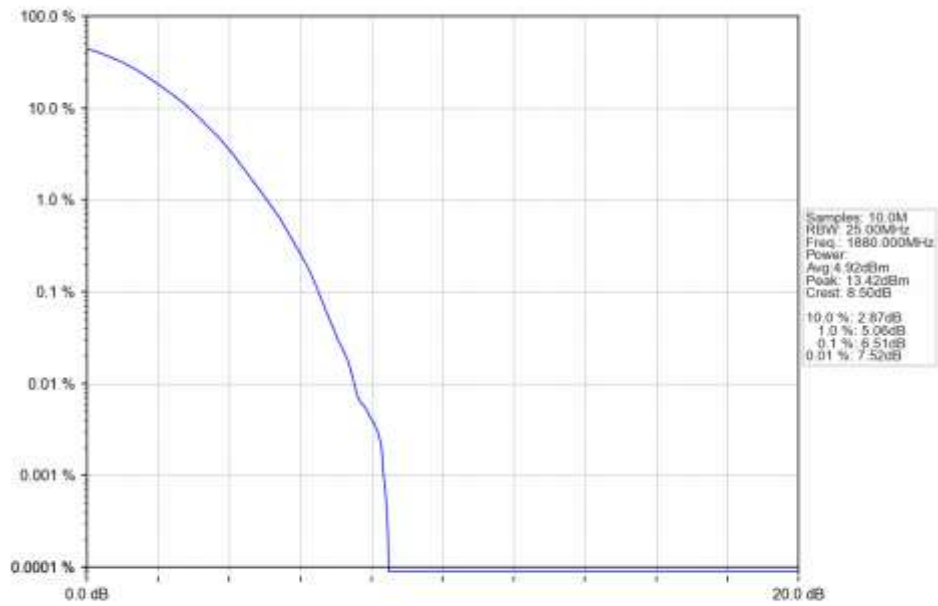
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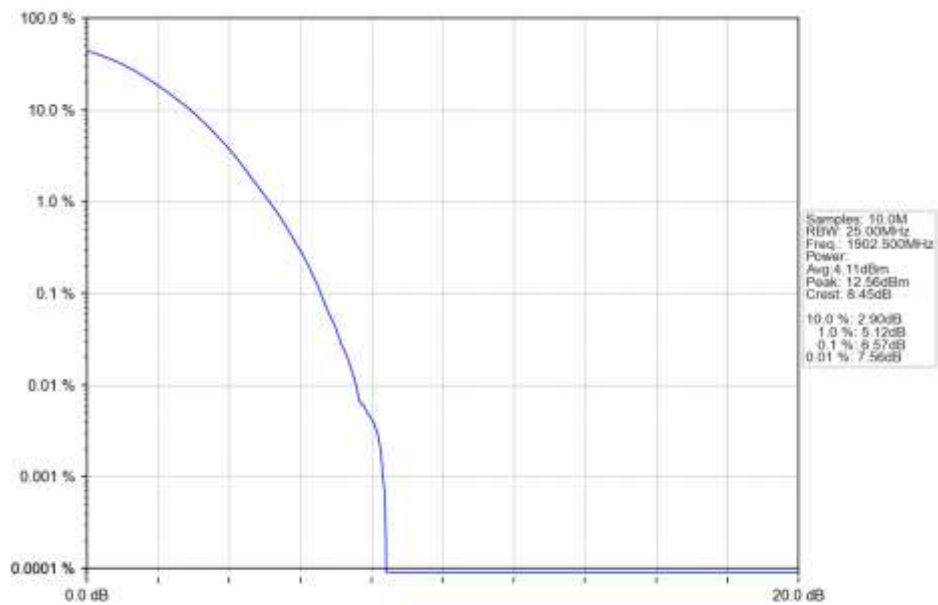
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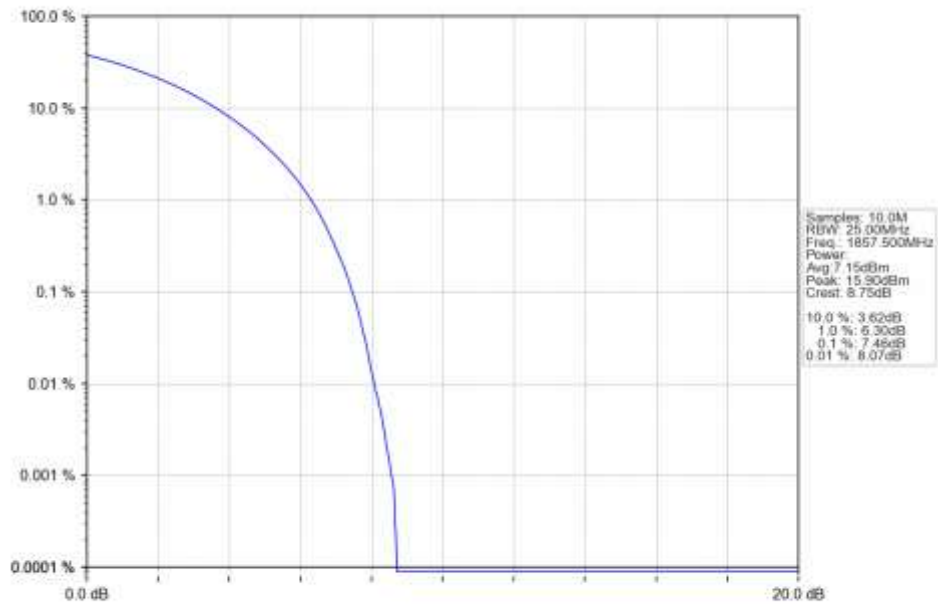
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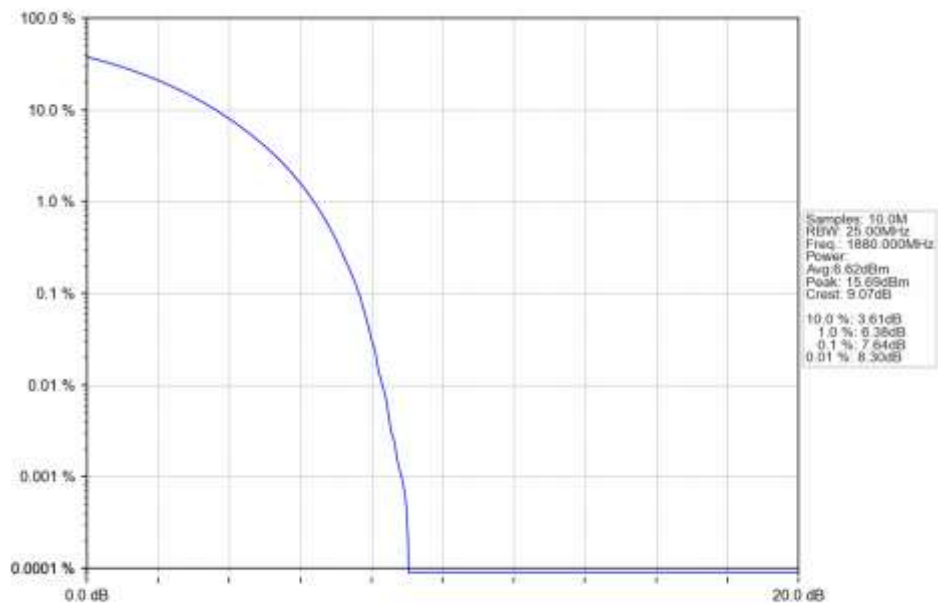
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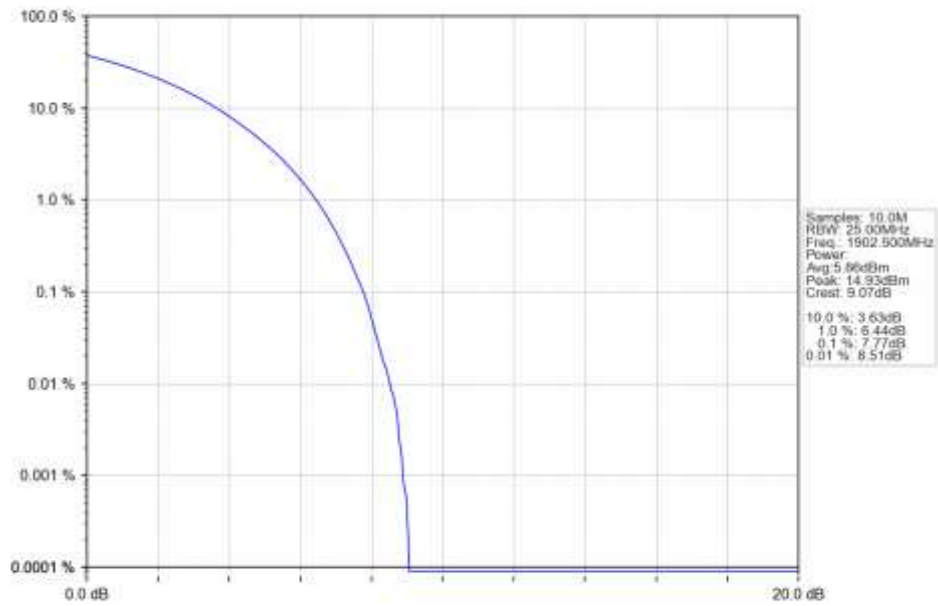
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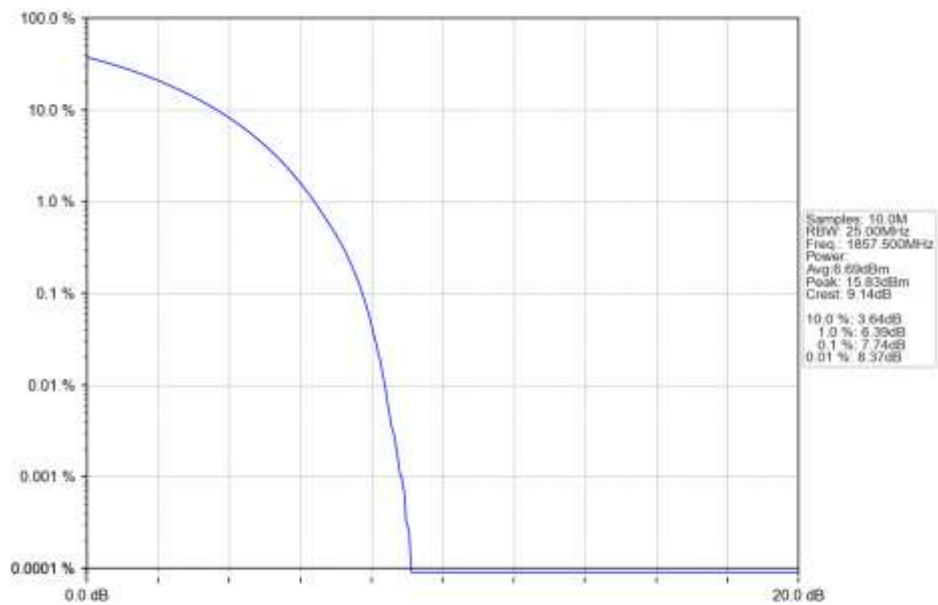
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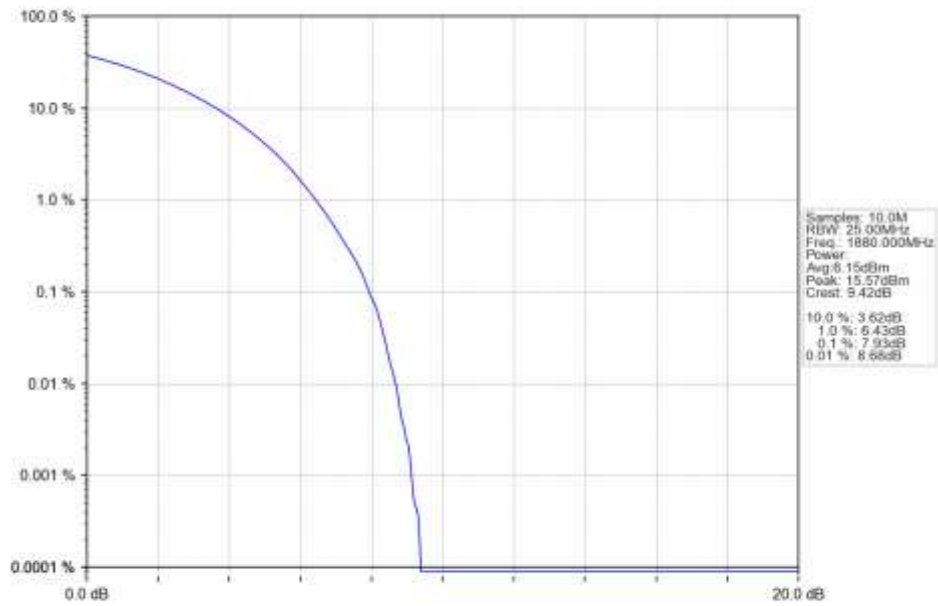
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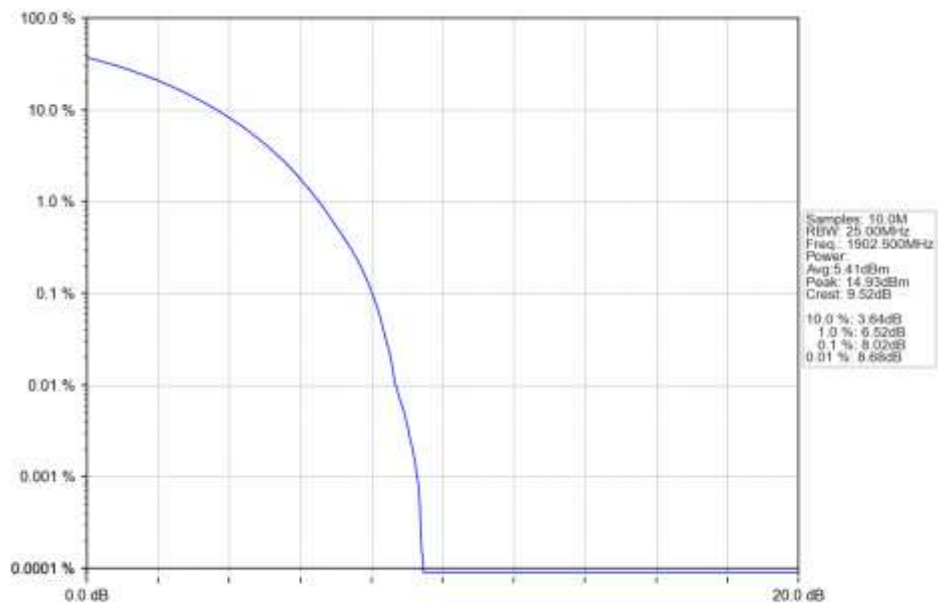
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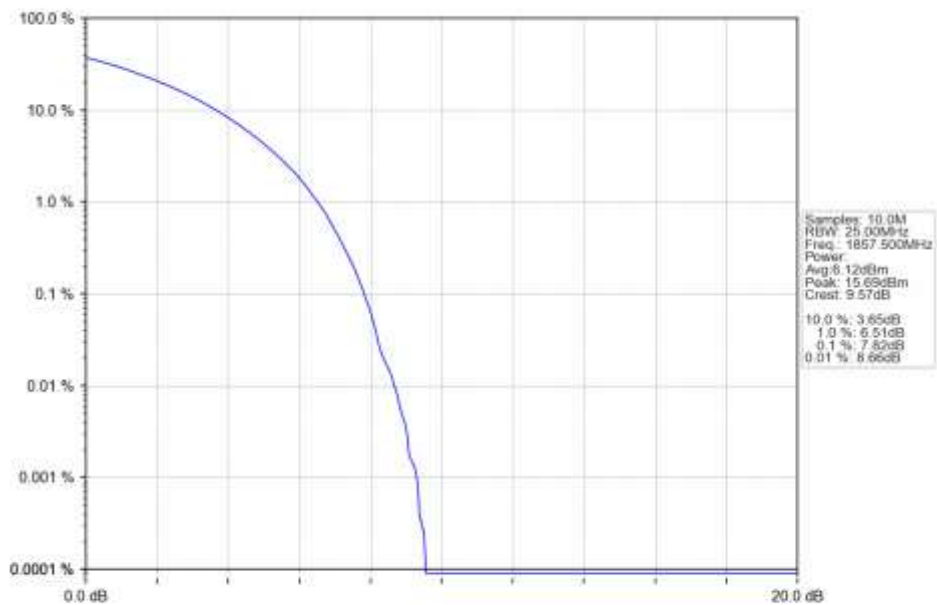
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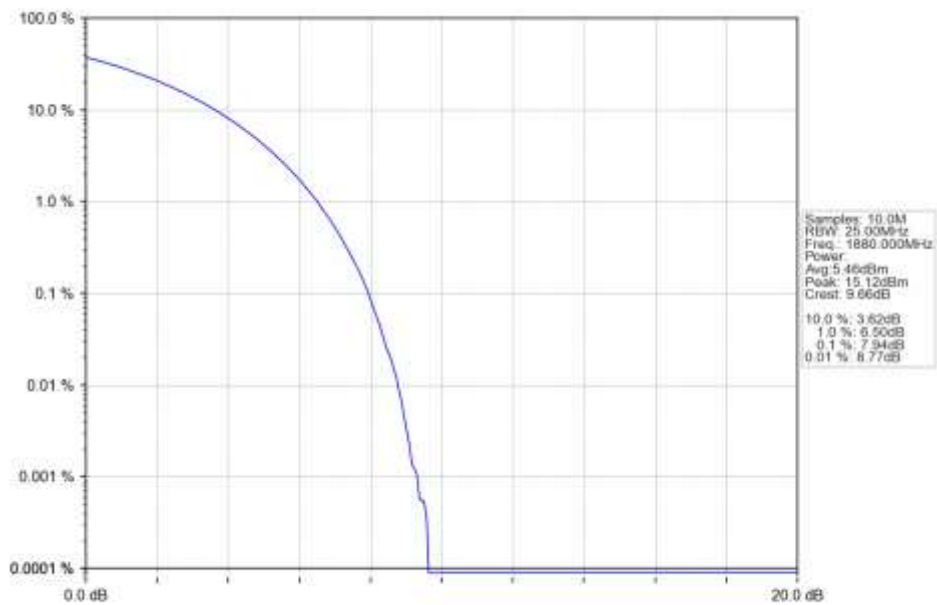
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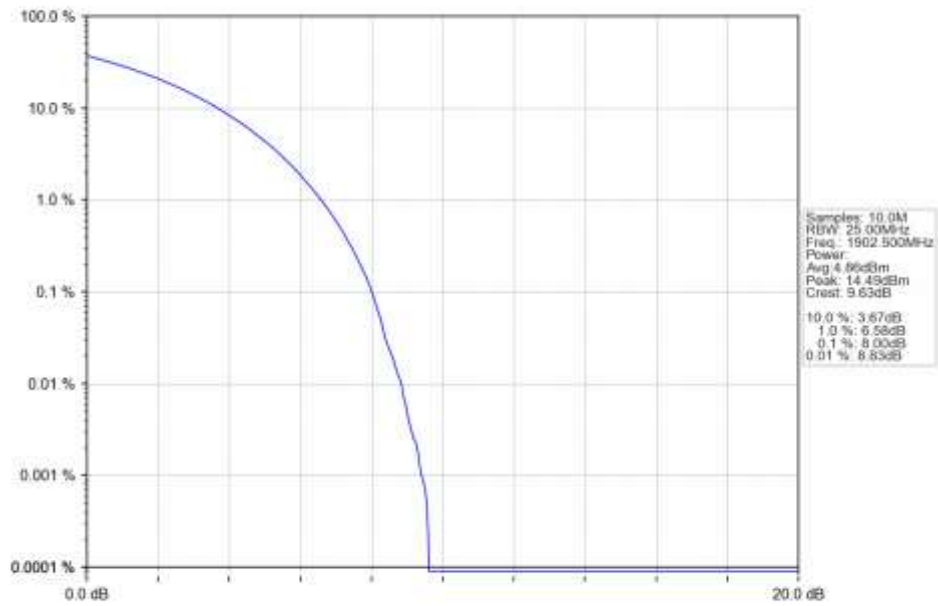
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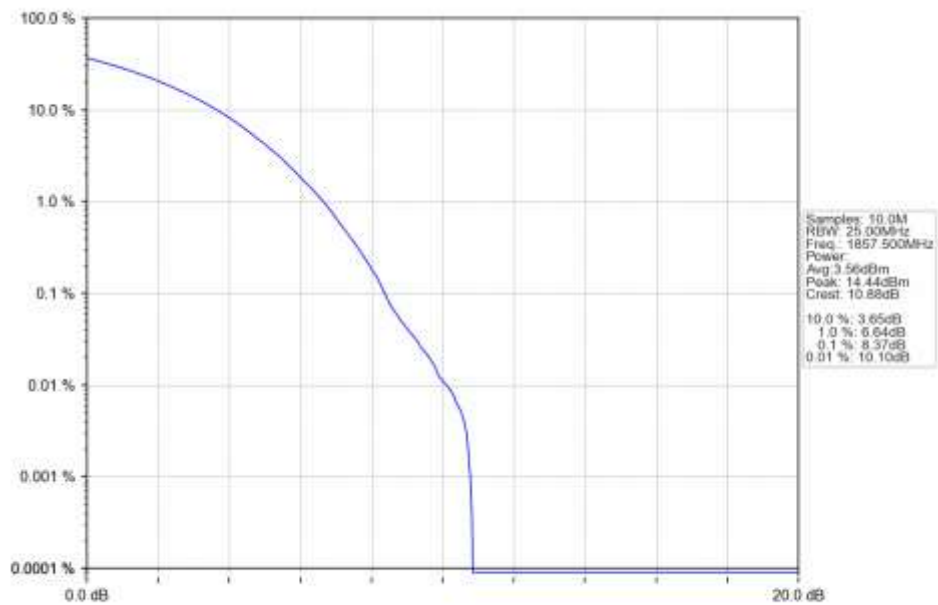
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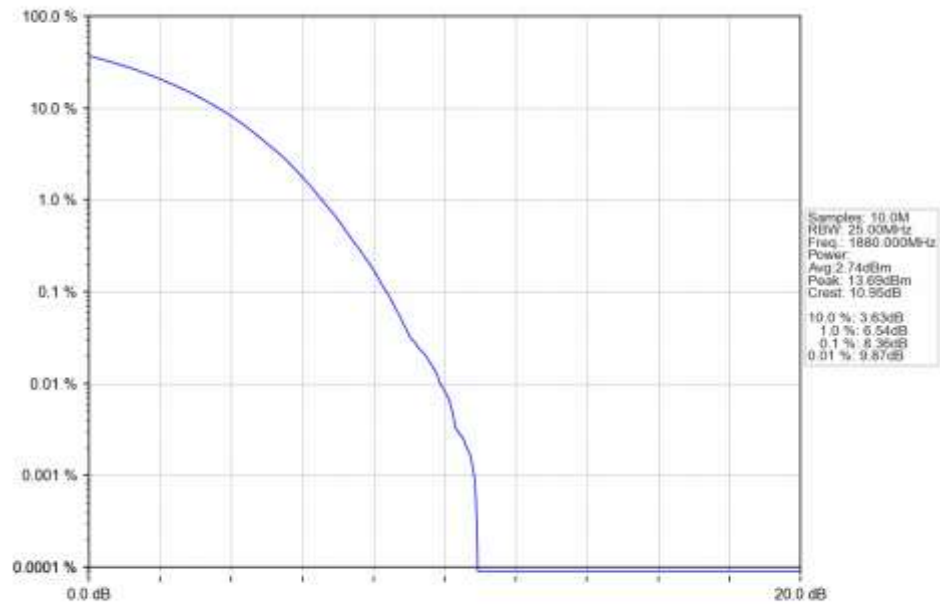
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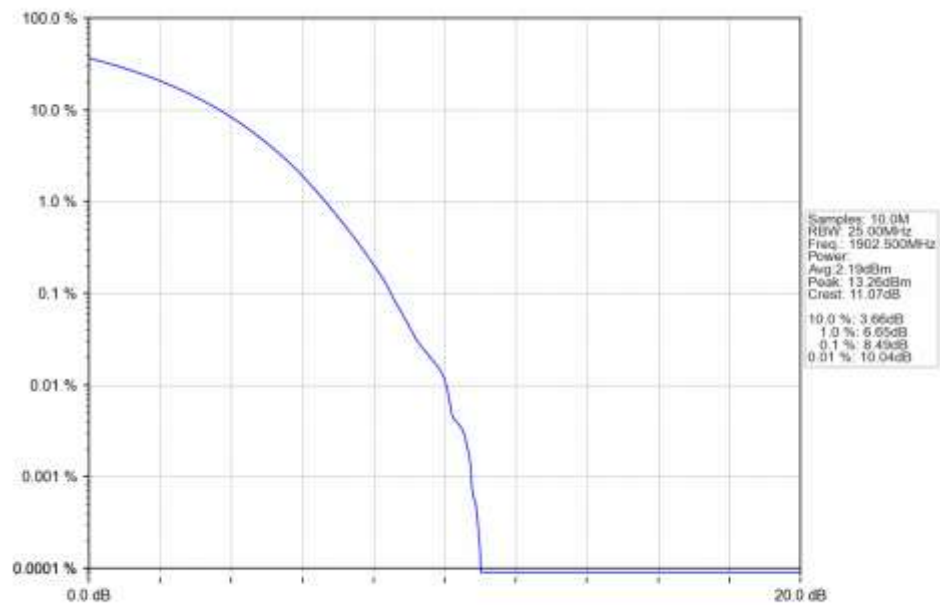
n2_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1857.5MHz_Outer_Full_Ant1



n2_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1880MHz_Outer_Full_Ant1

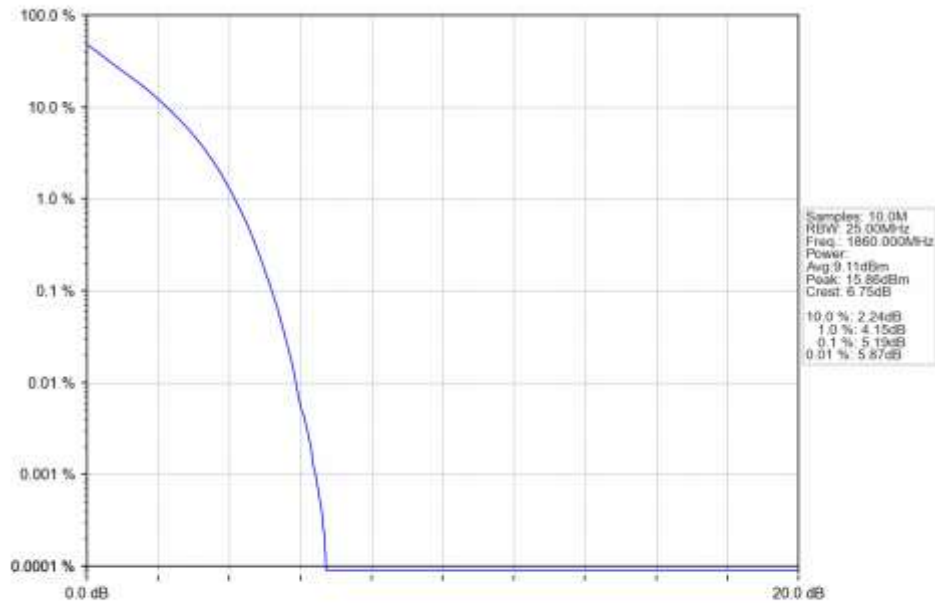


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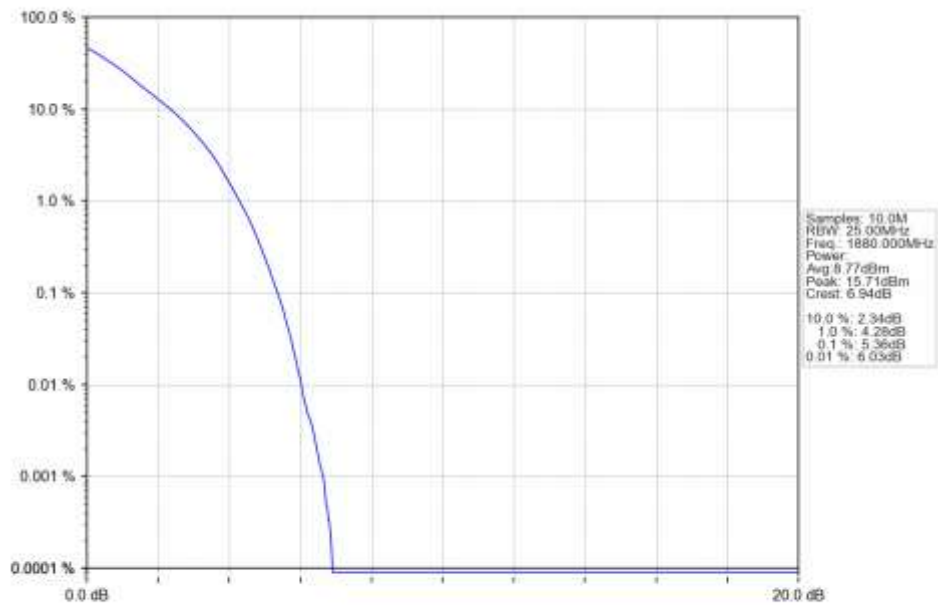


5.2.4 15k_SISO_20MHz_NTNV

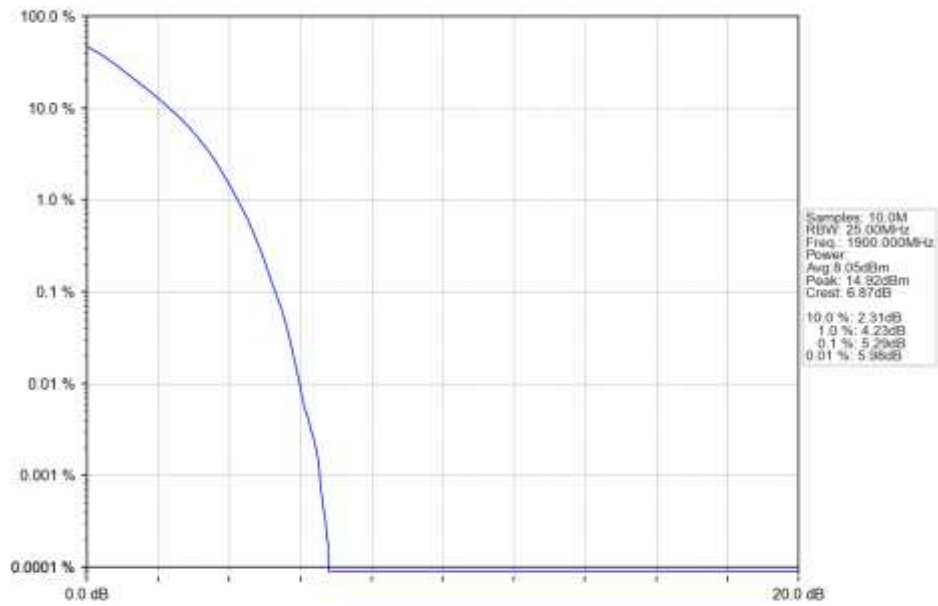
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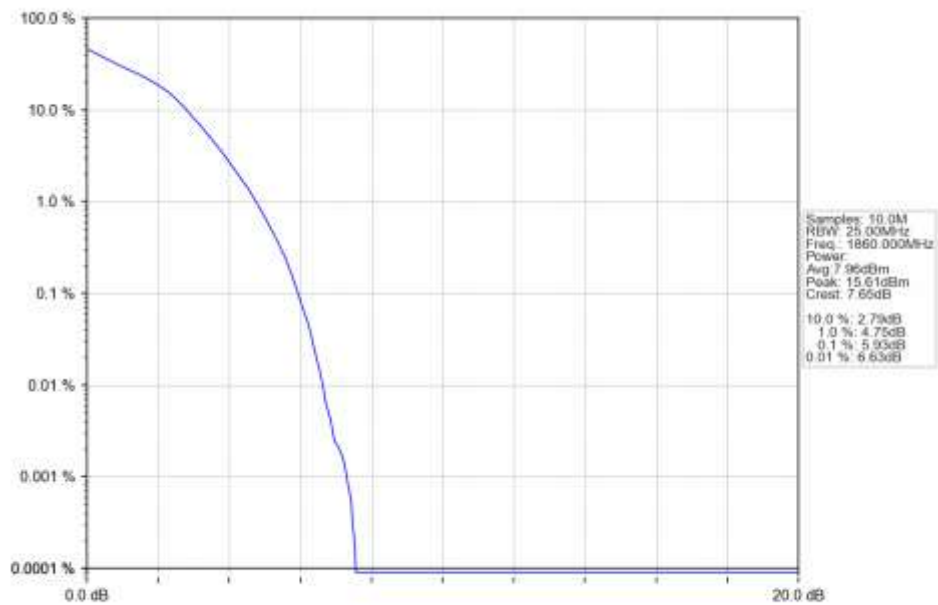
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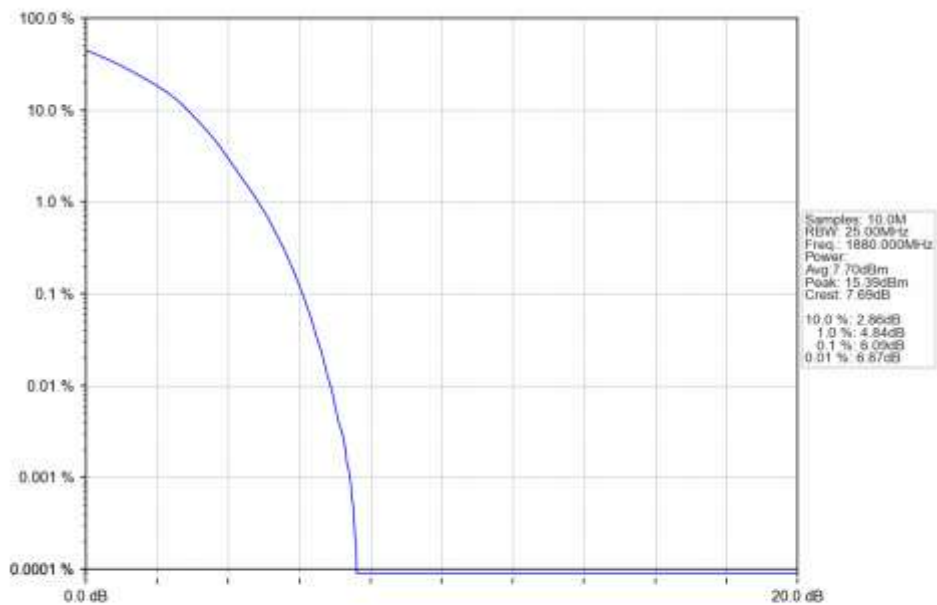
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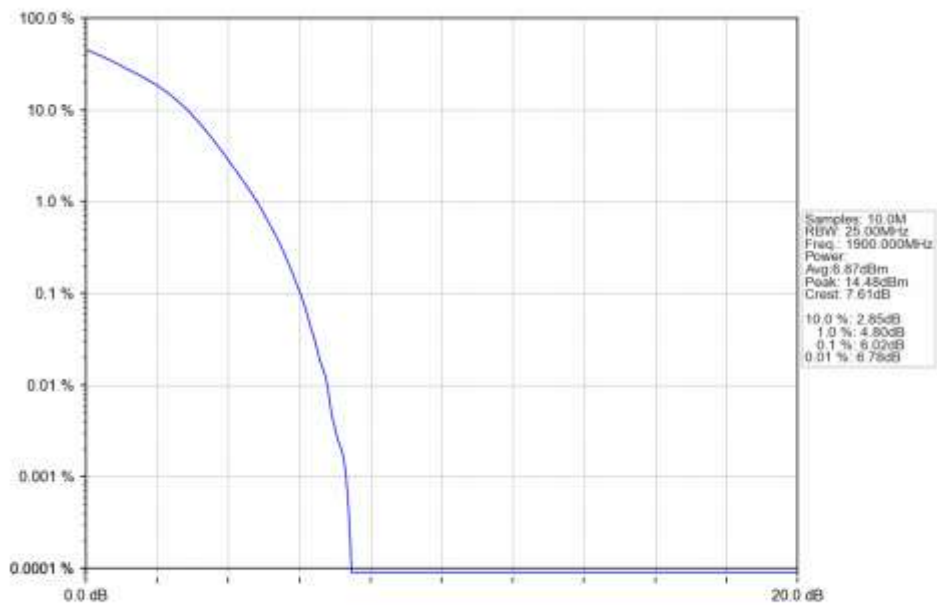
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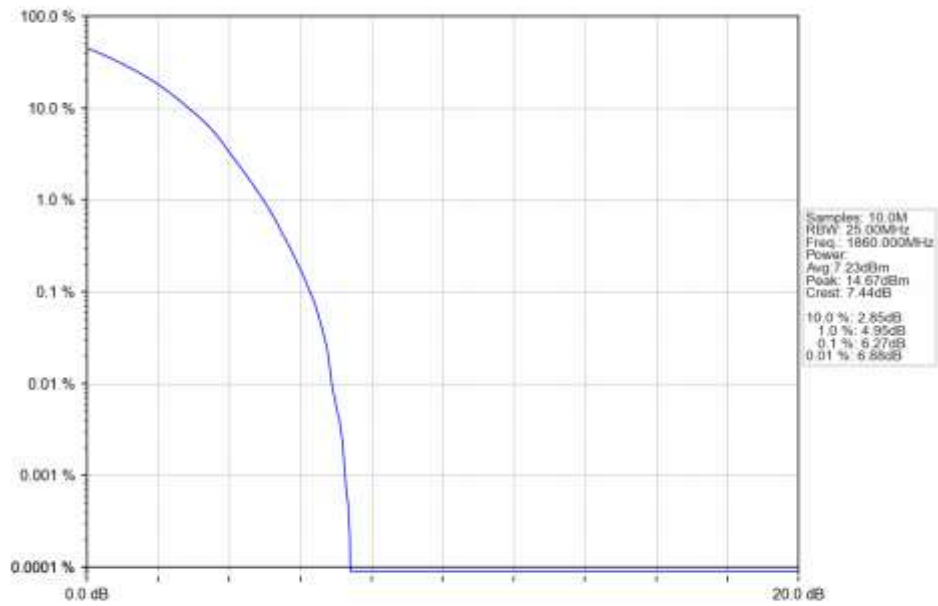
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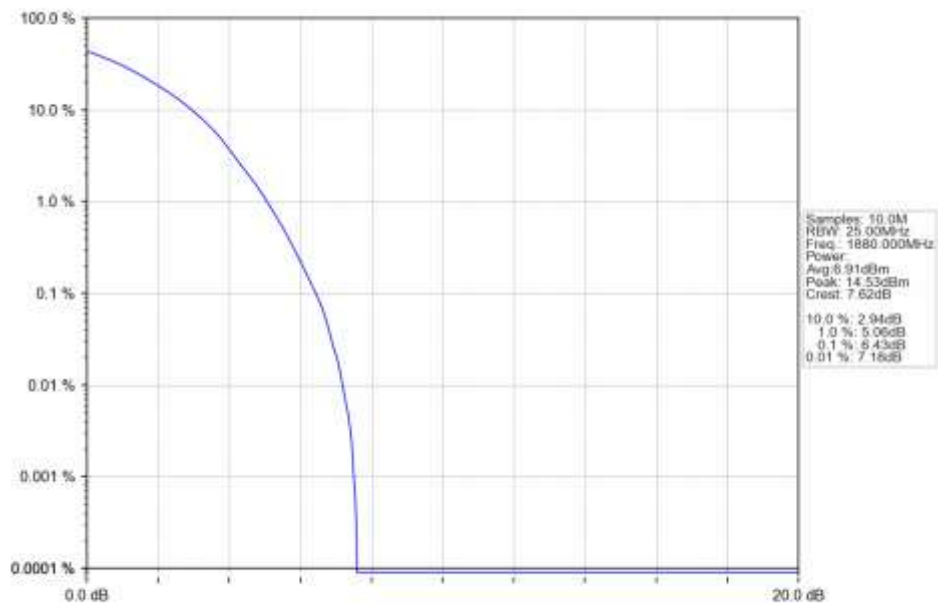
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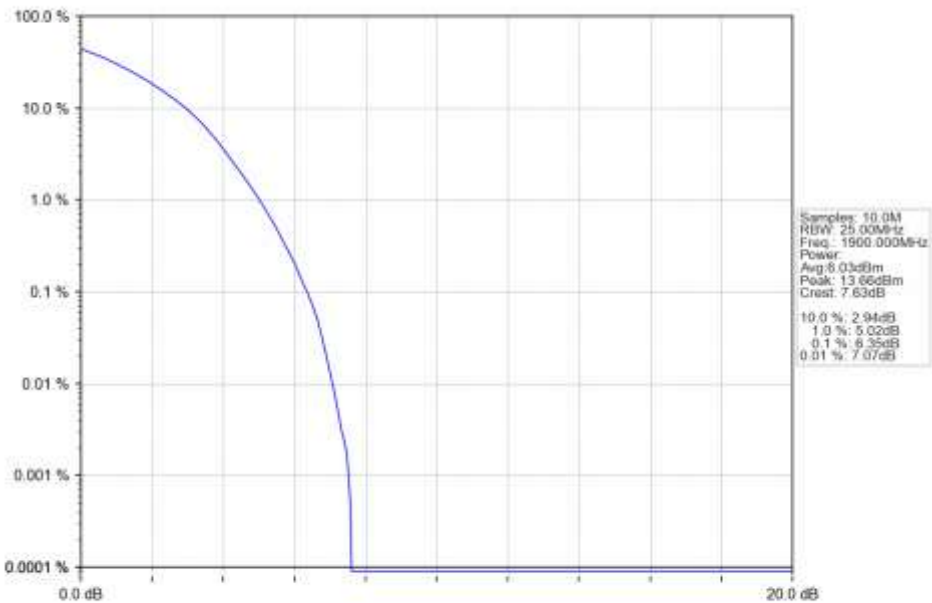
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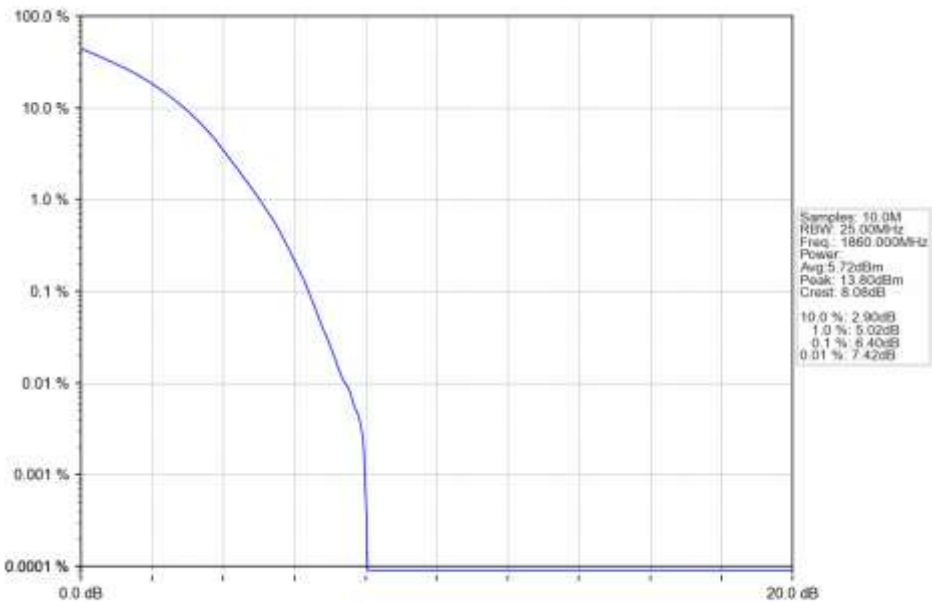
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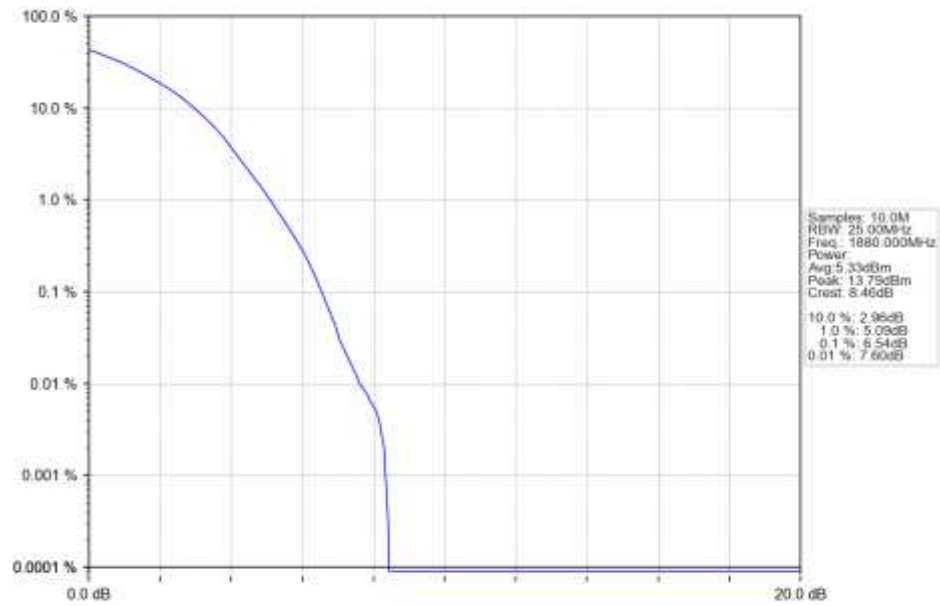
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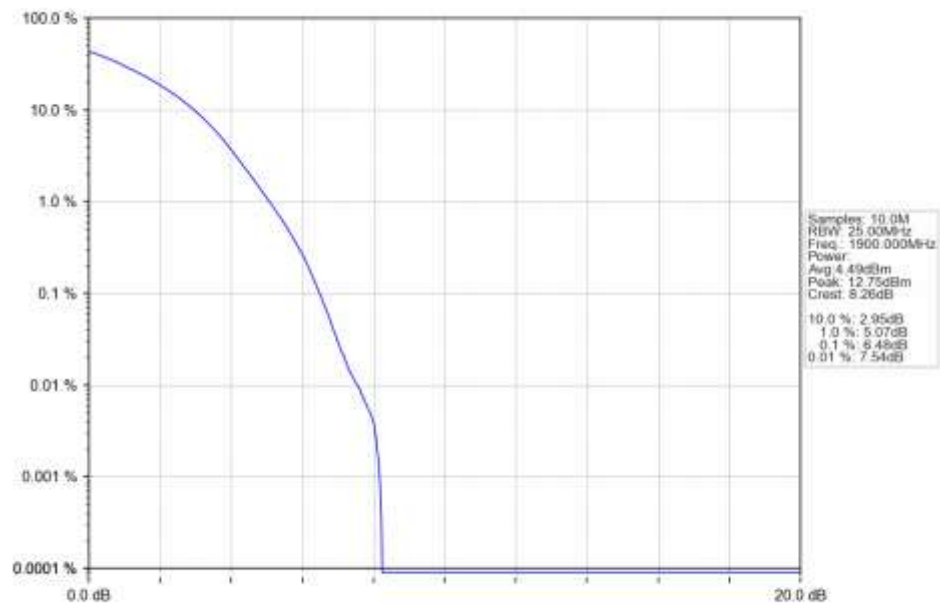
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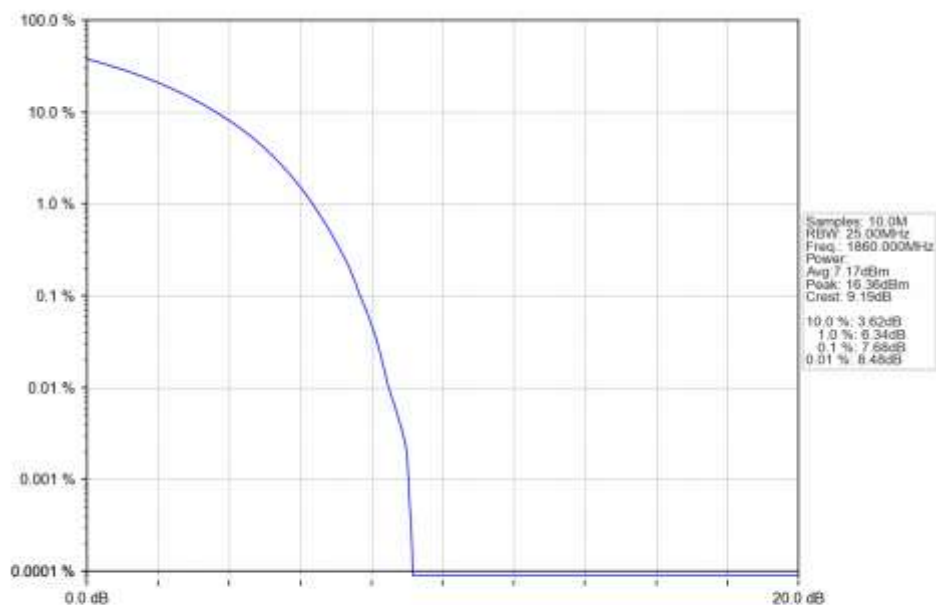
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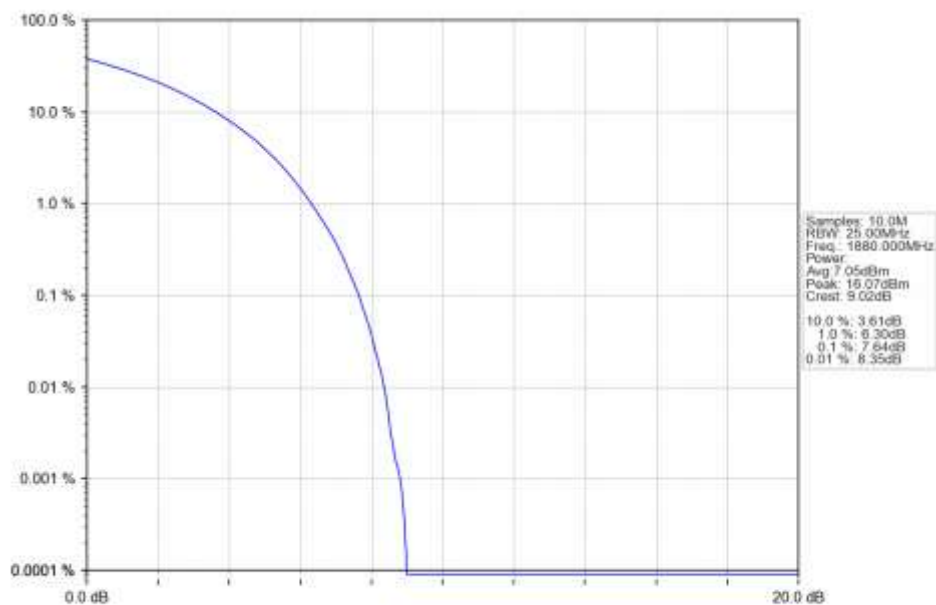
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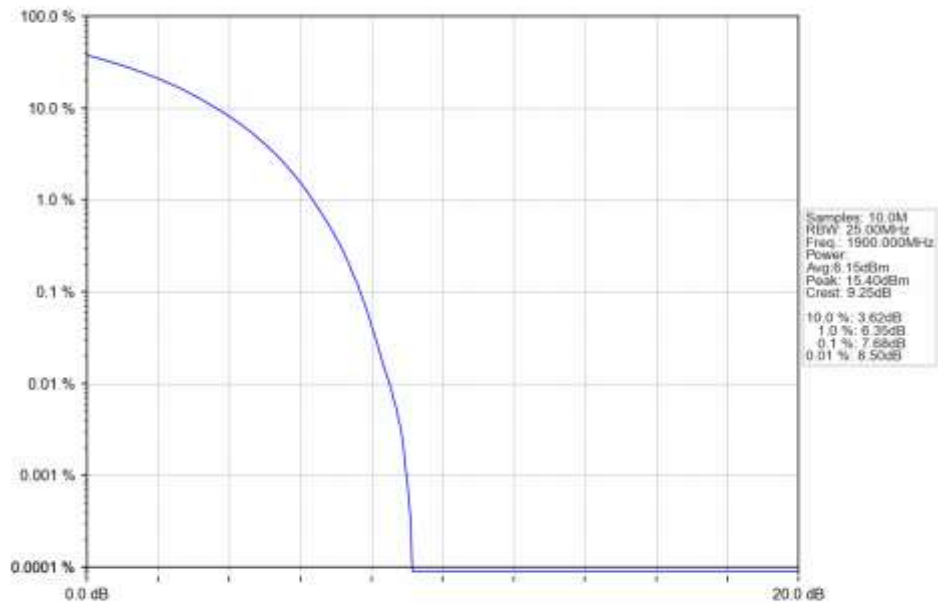
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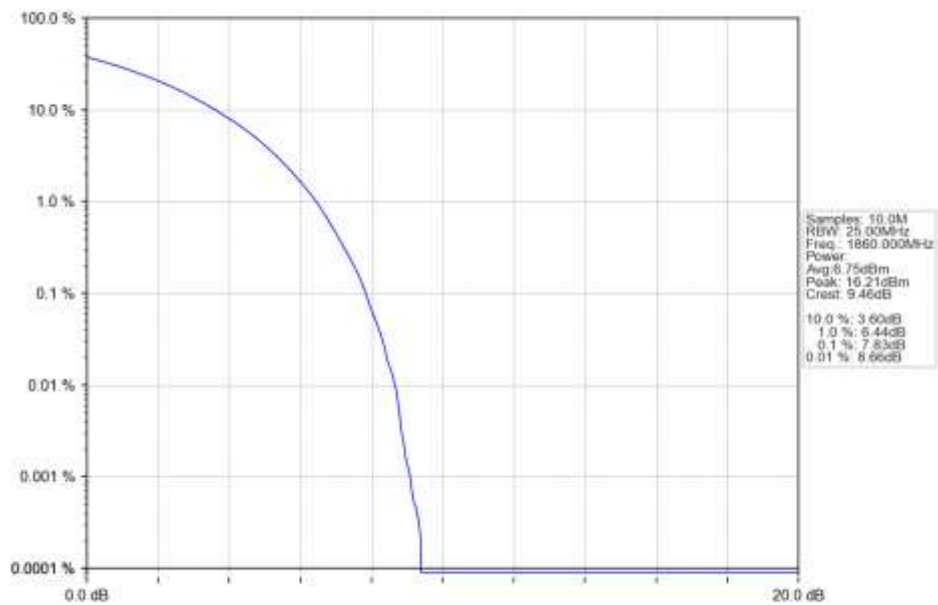
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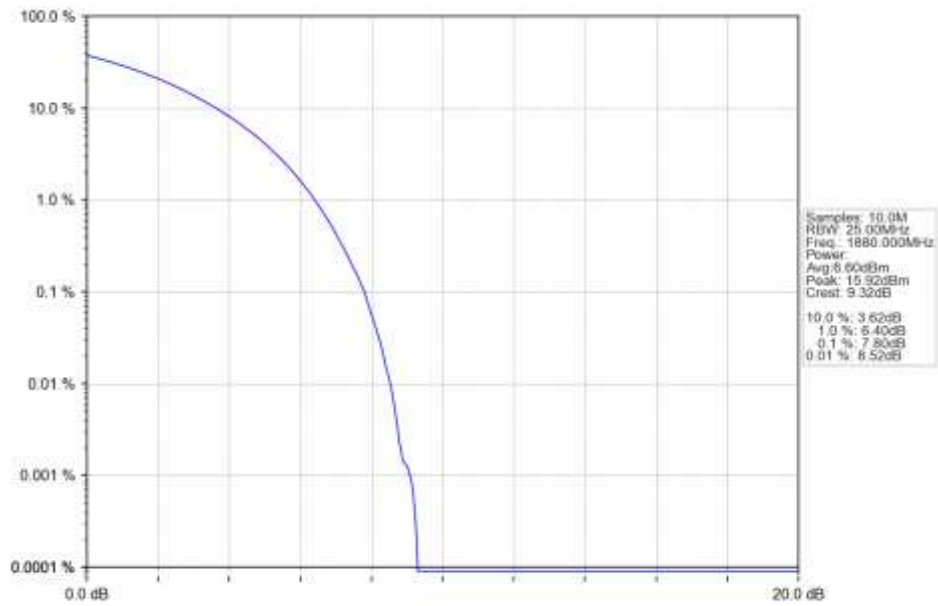
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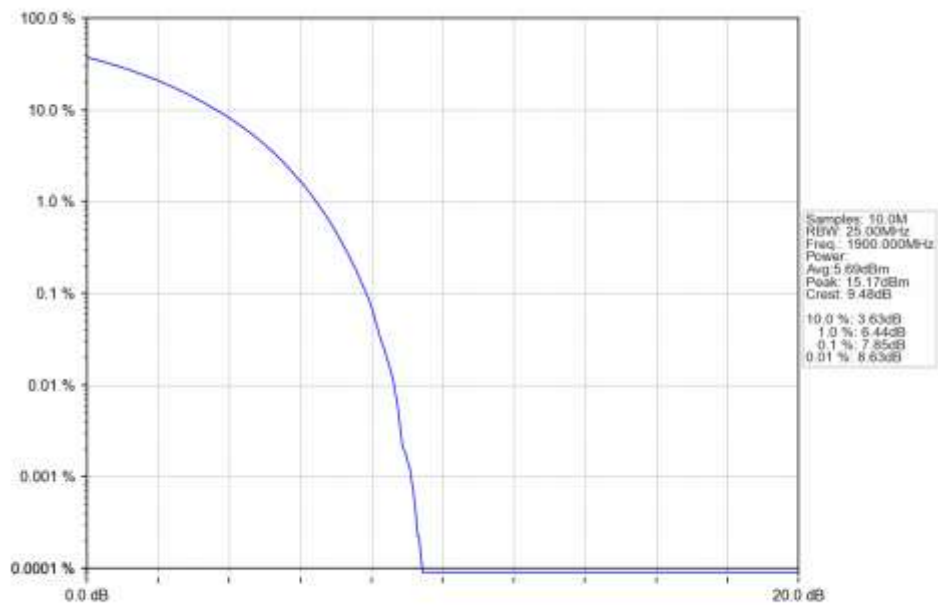
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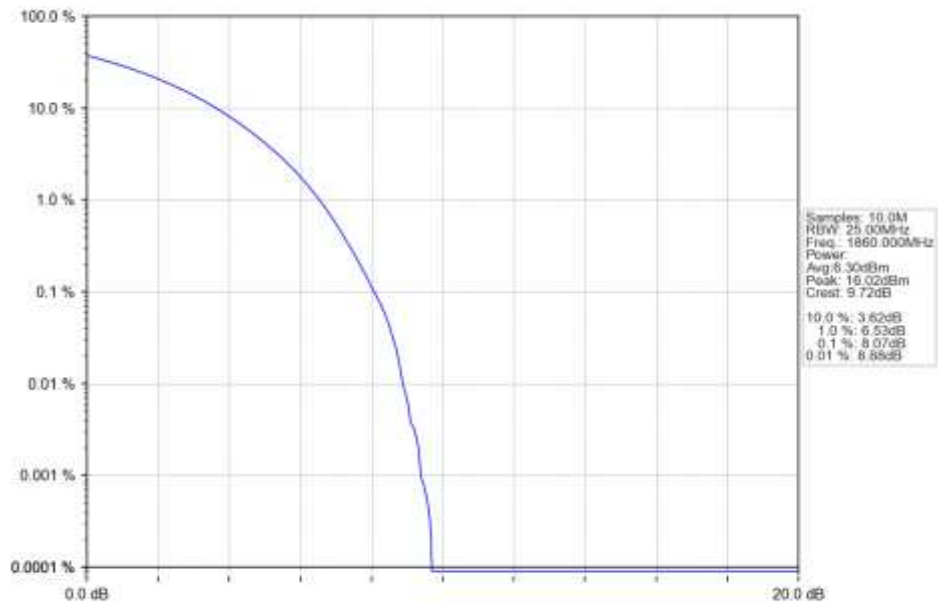
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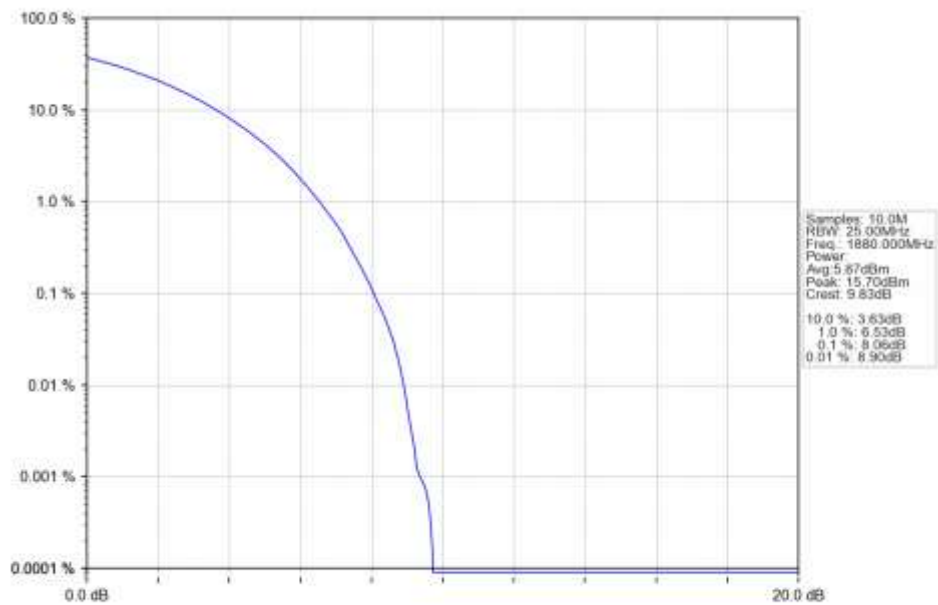
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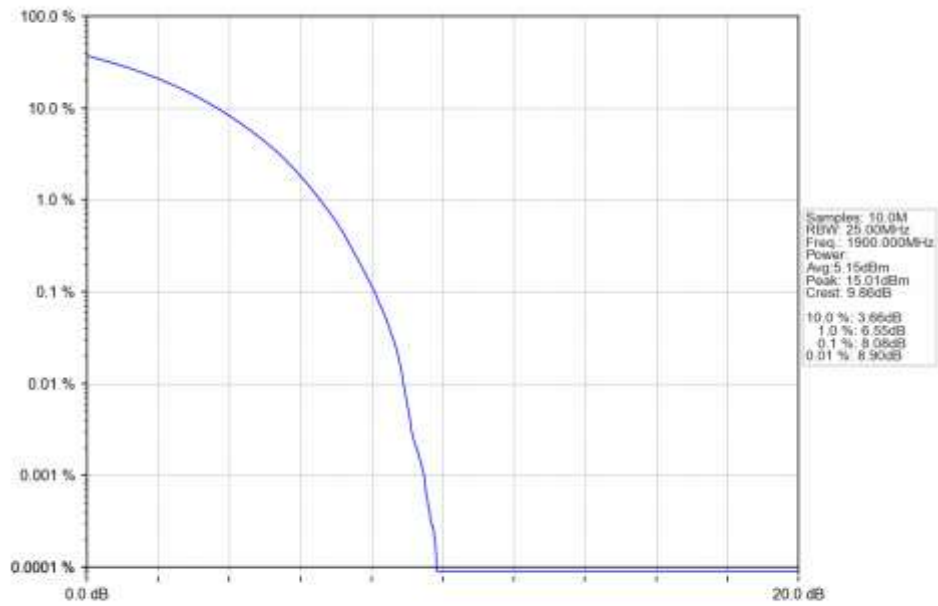
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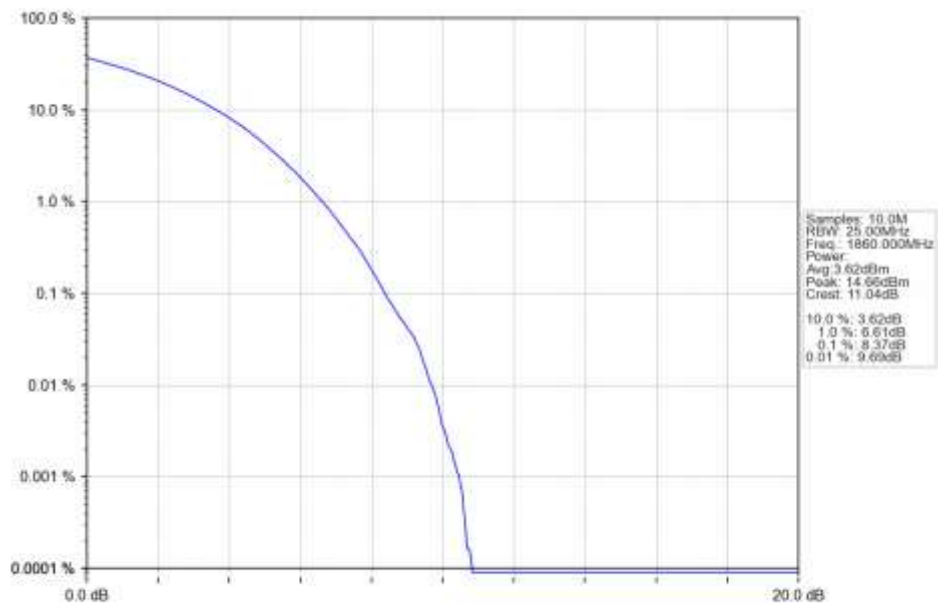
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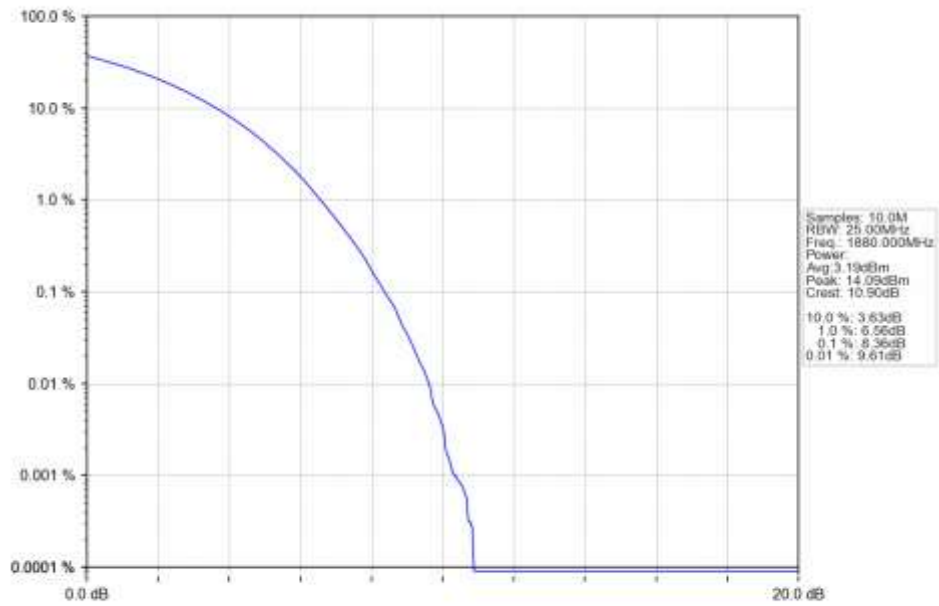
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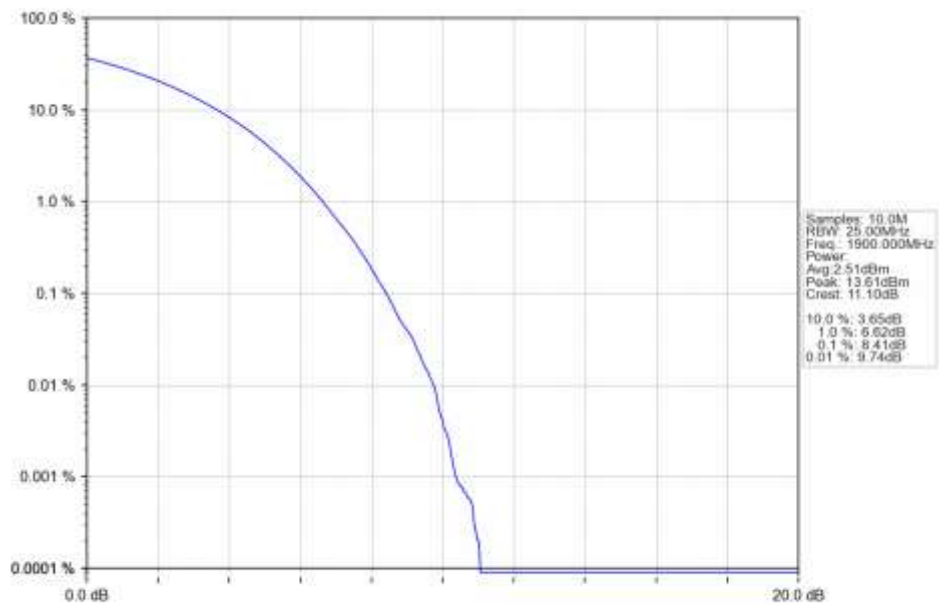
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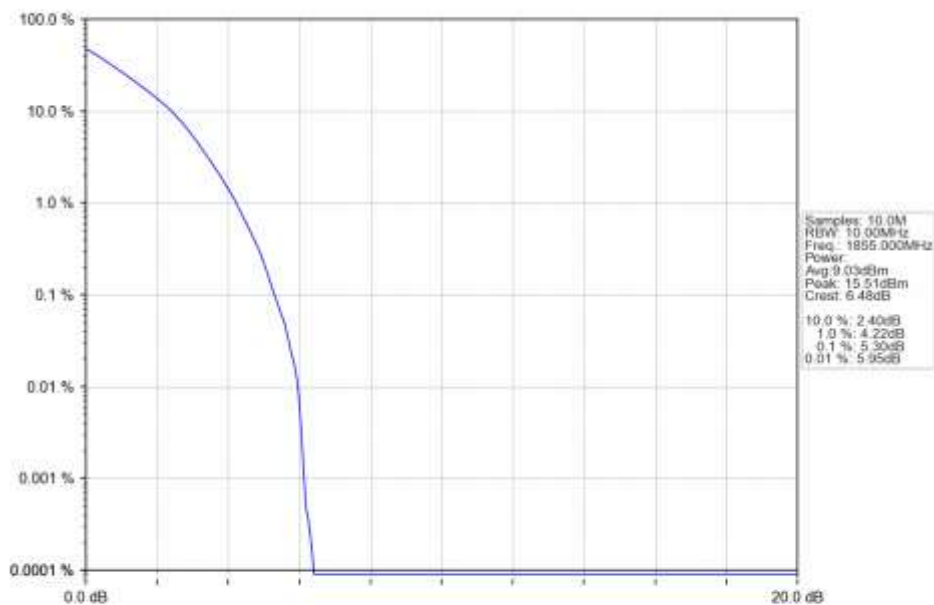


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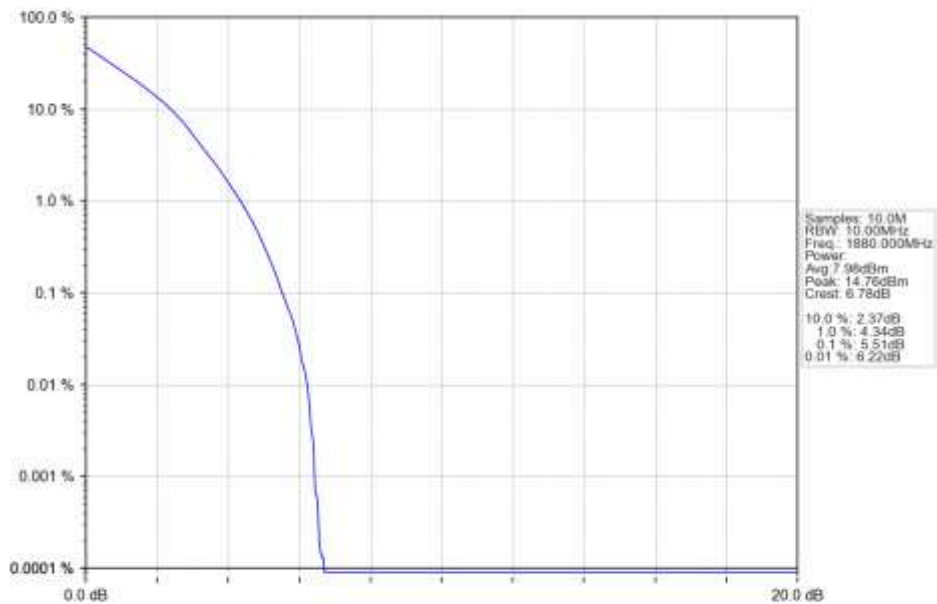


5.2.5 30k_SISO_10MHz_NTNV

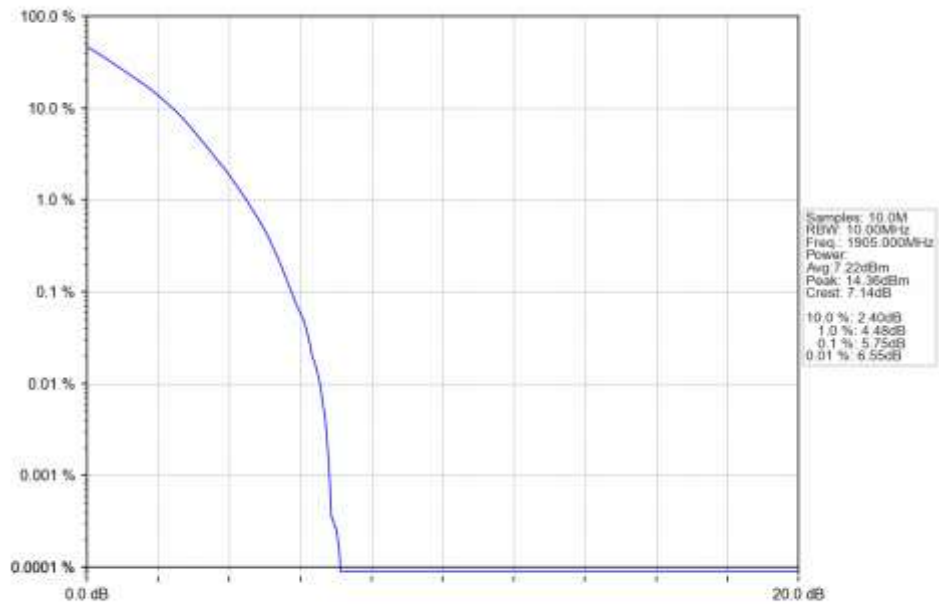
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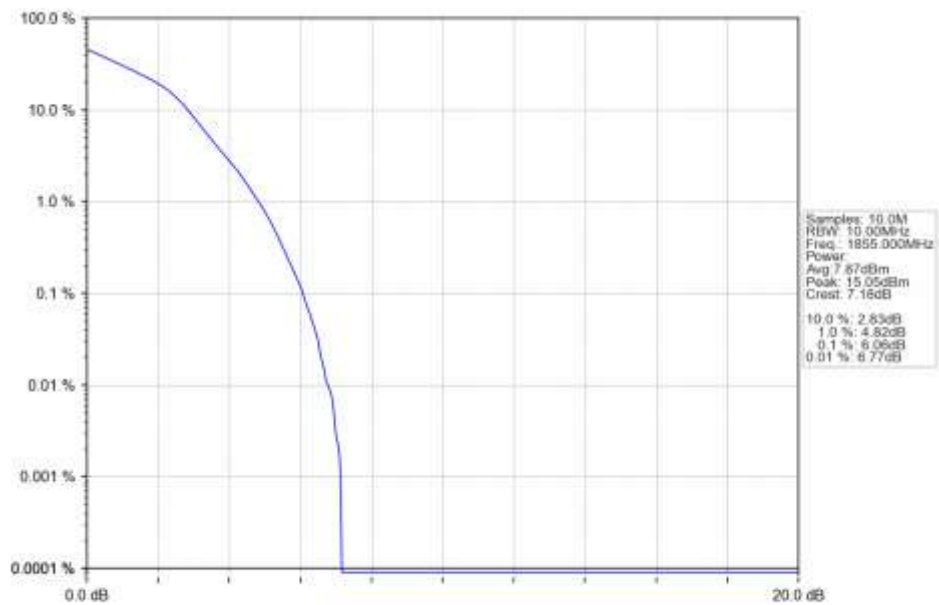
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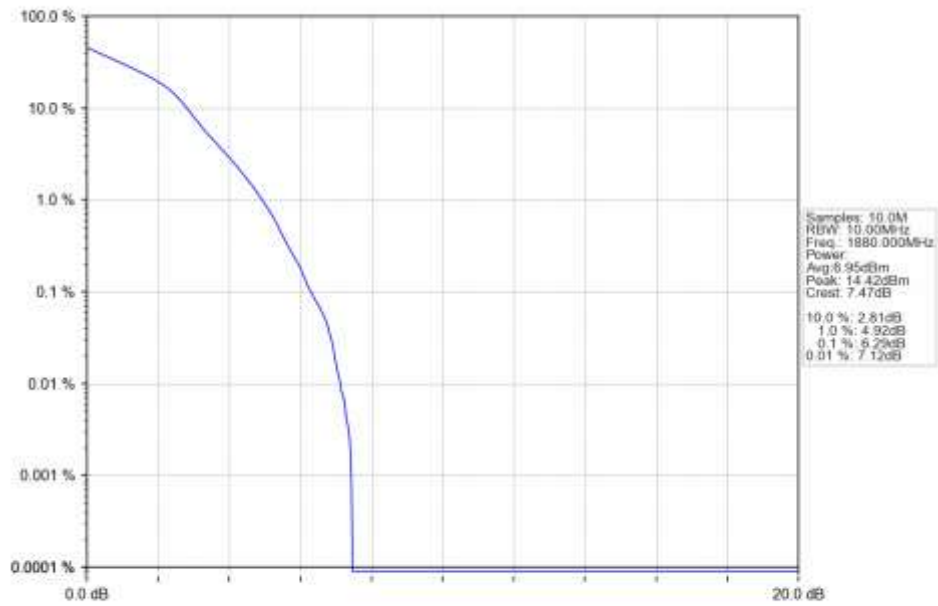
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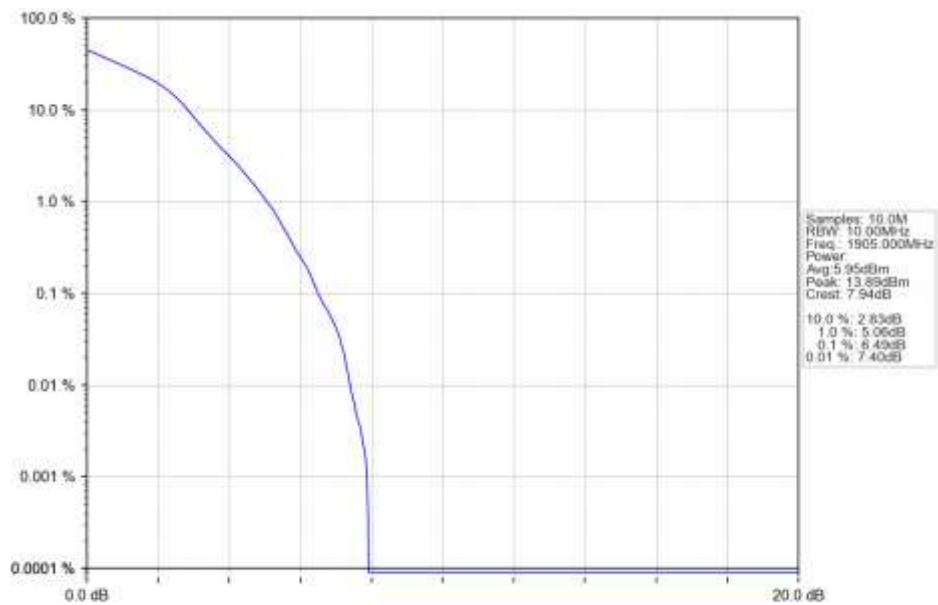
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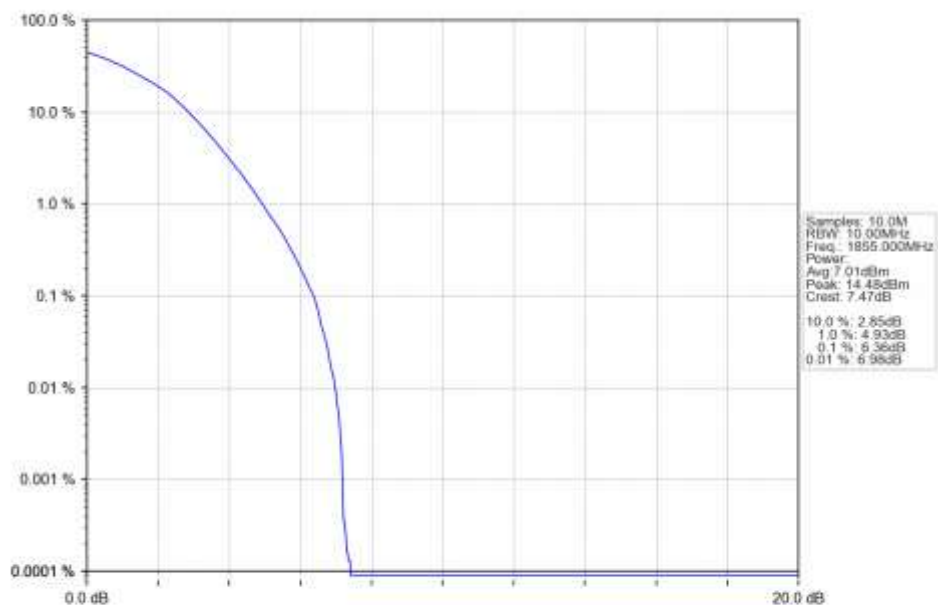
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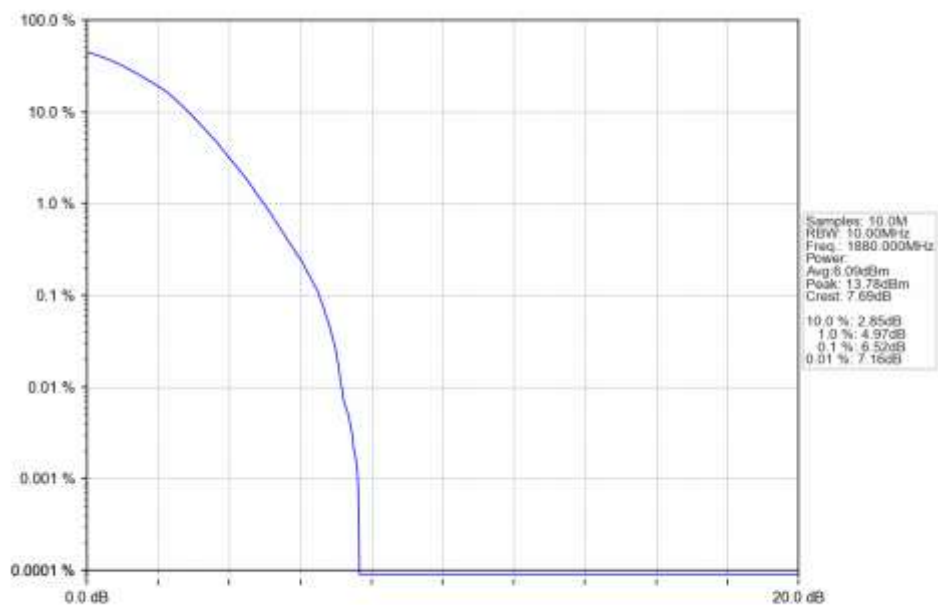
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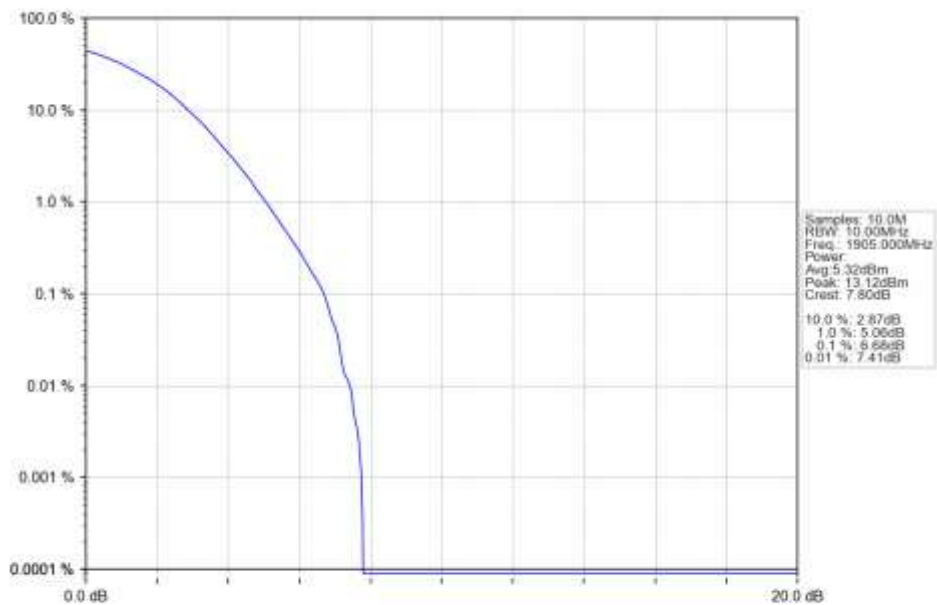
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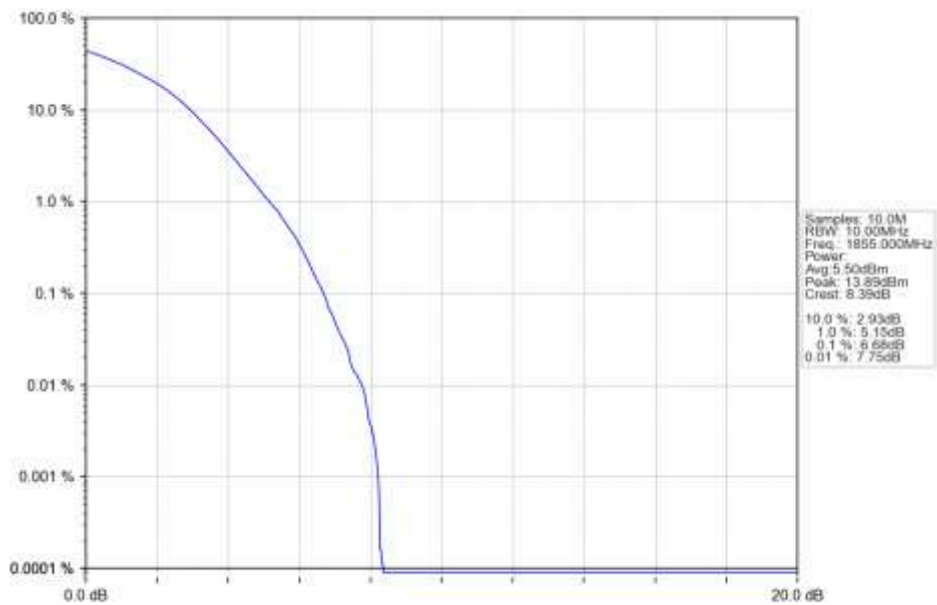
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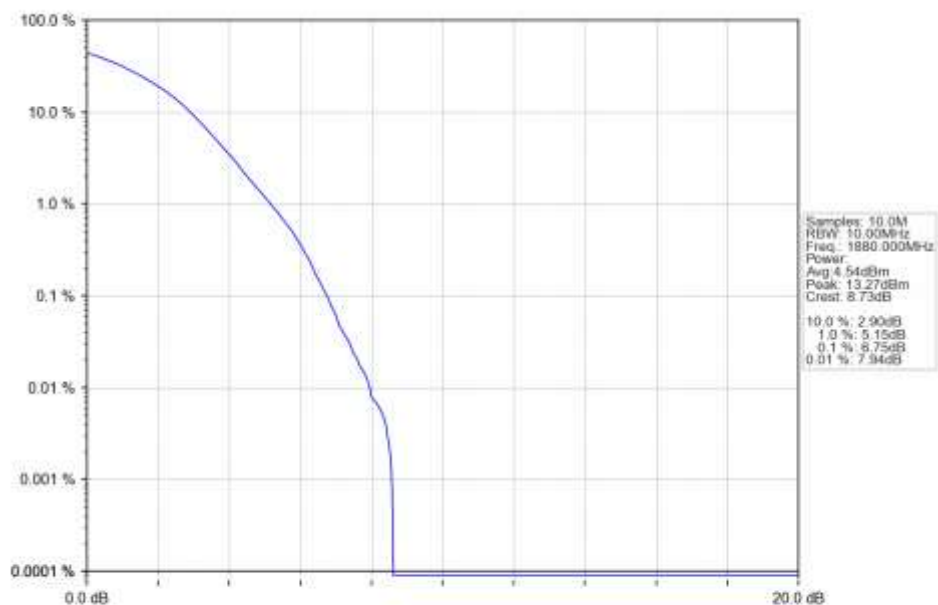
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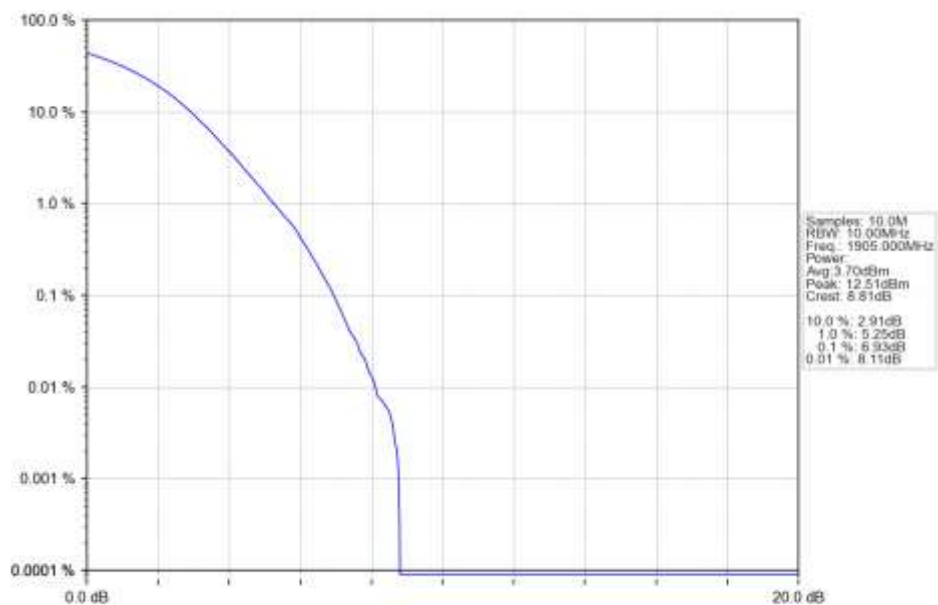
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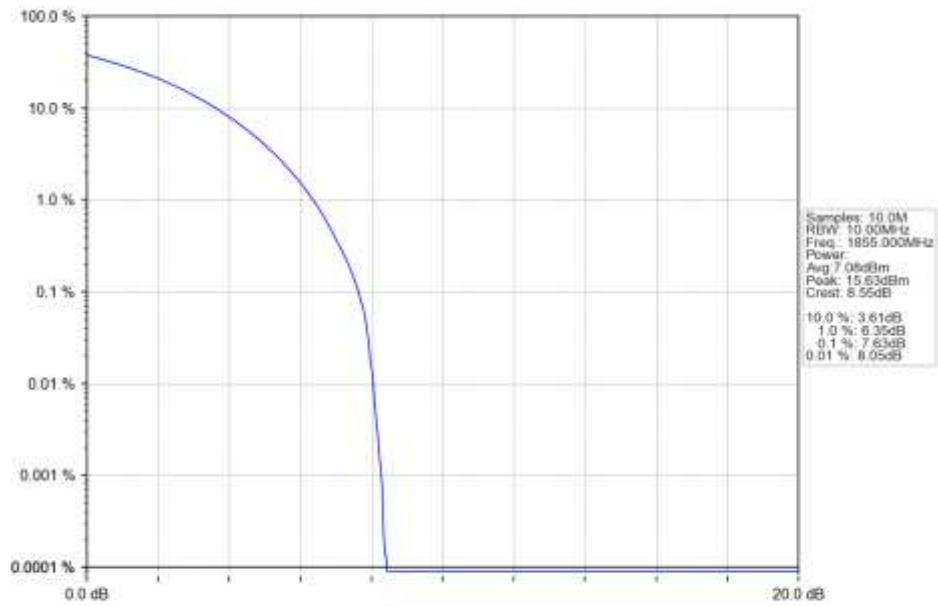
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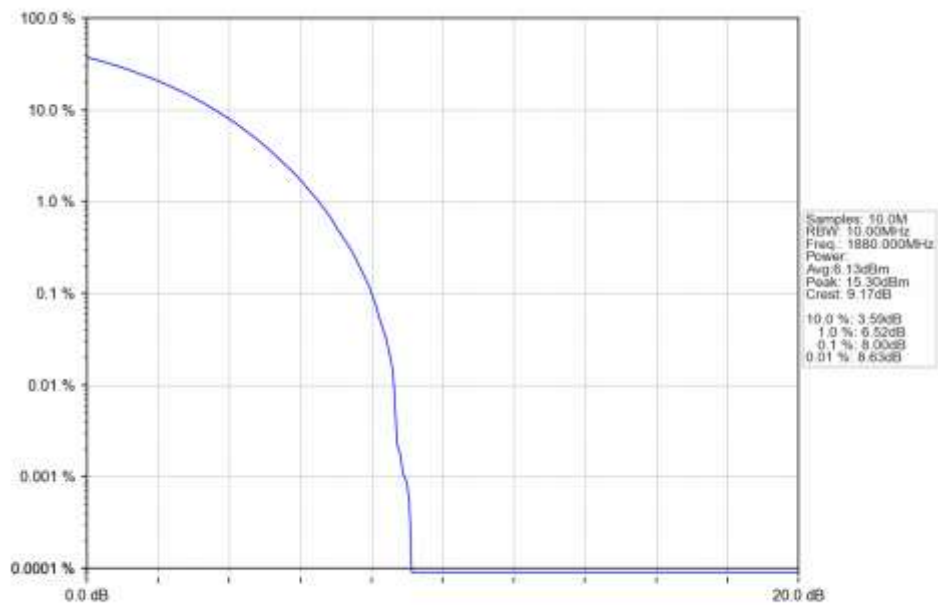
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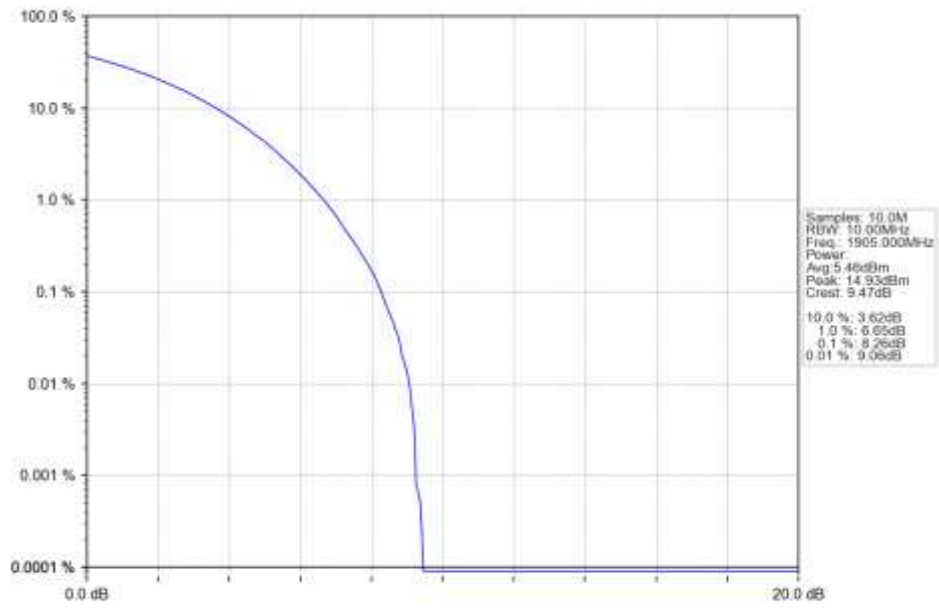
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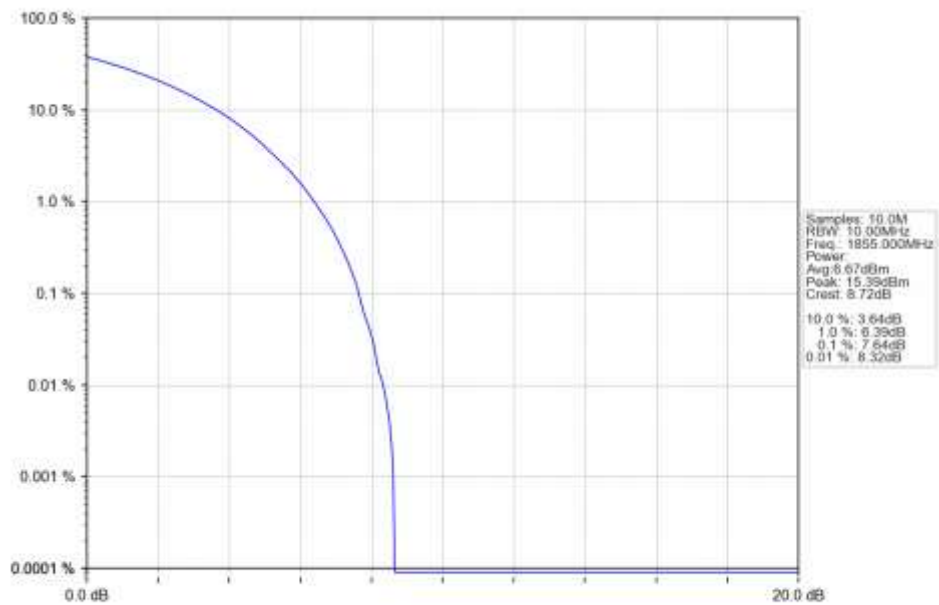
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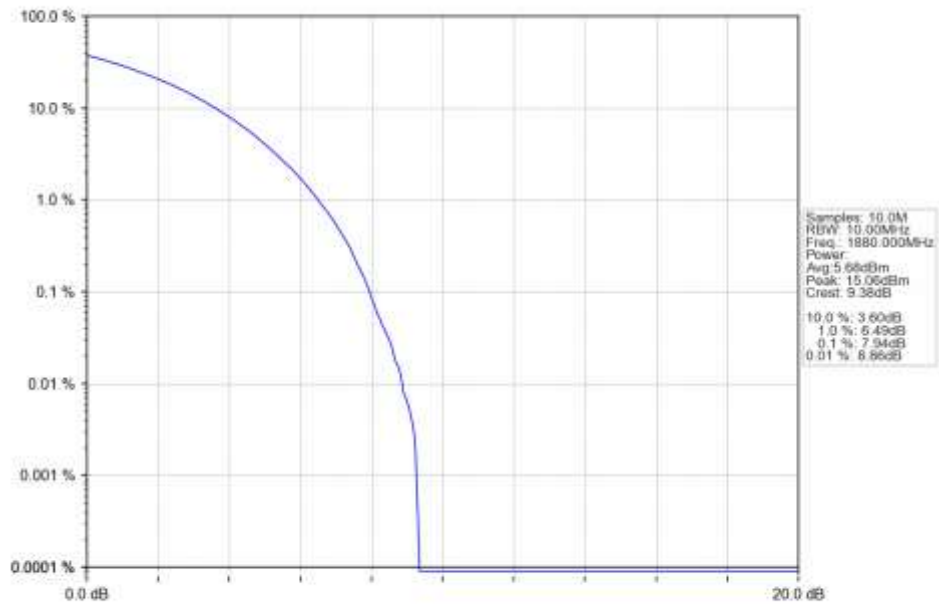
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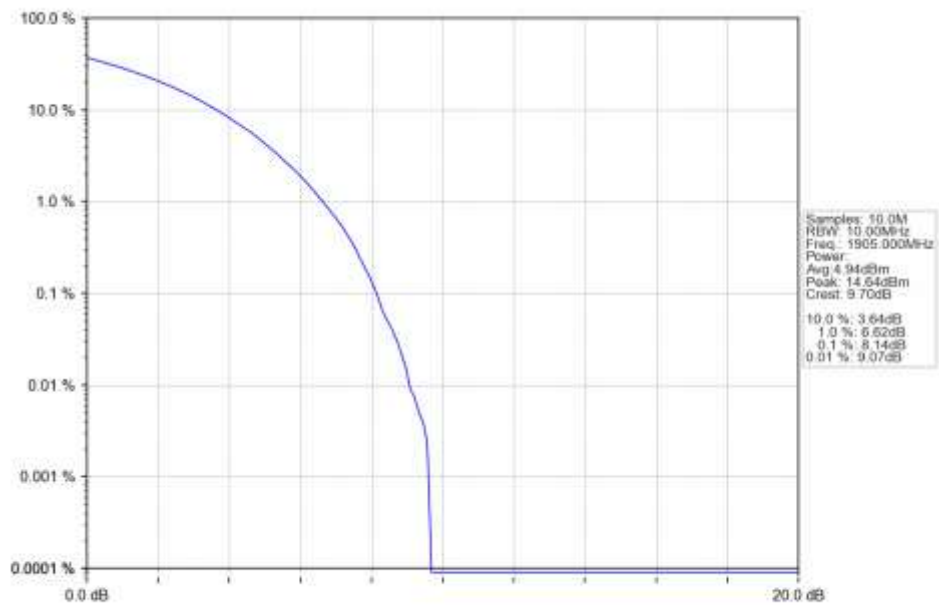
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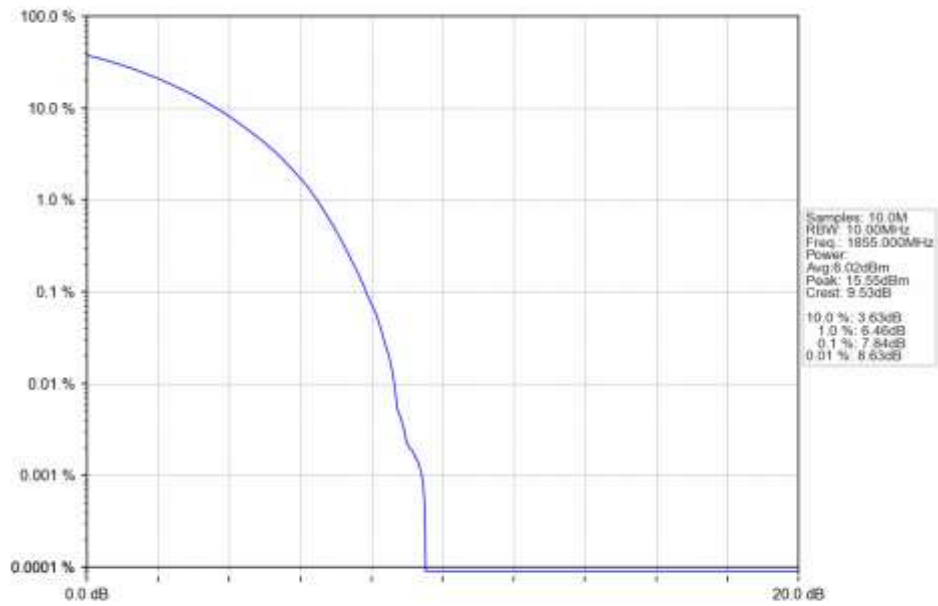
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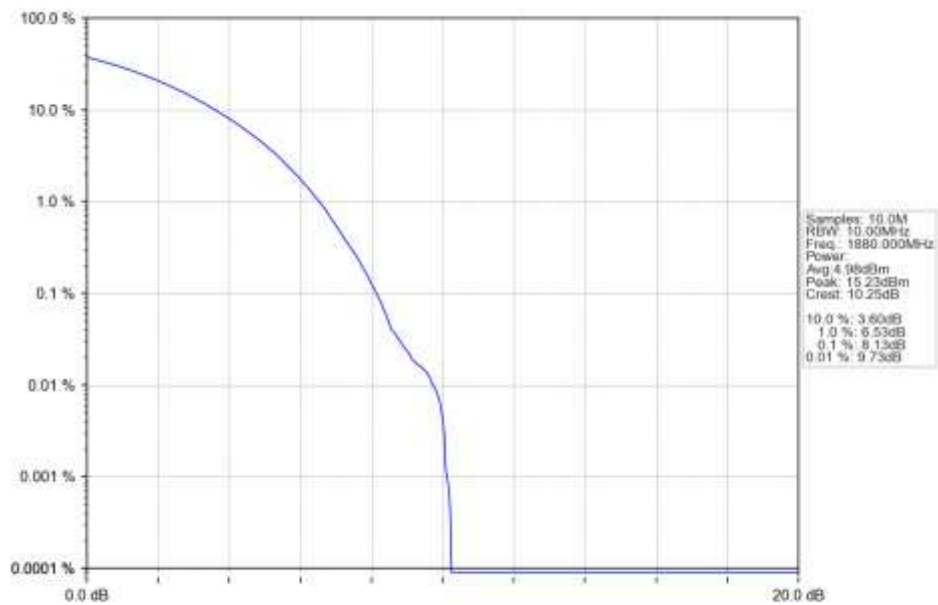
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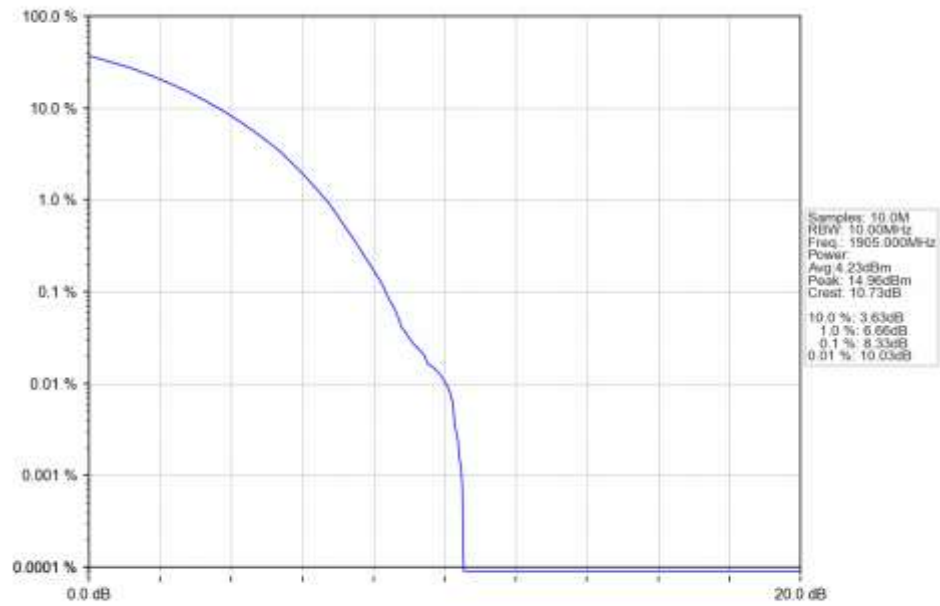
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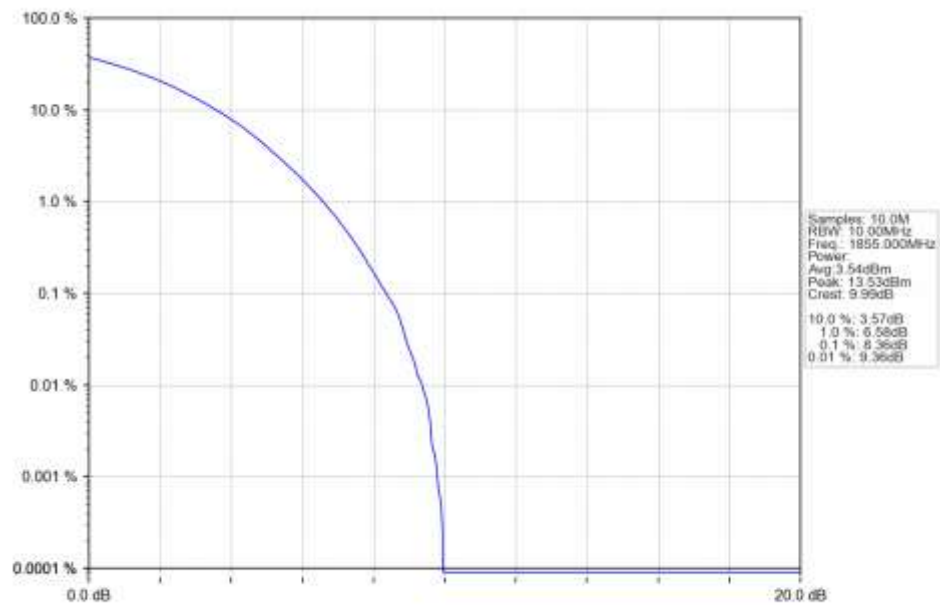
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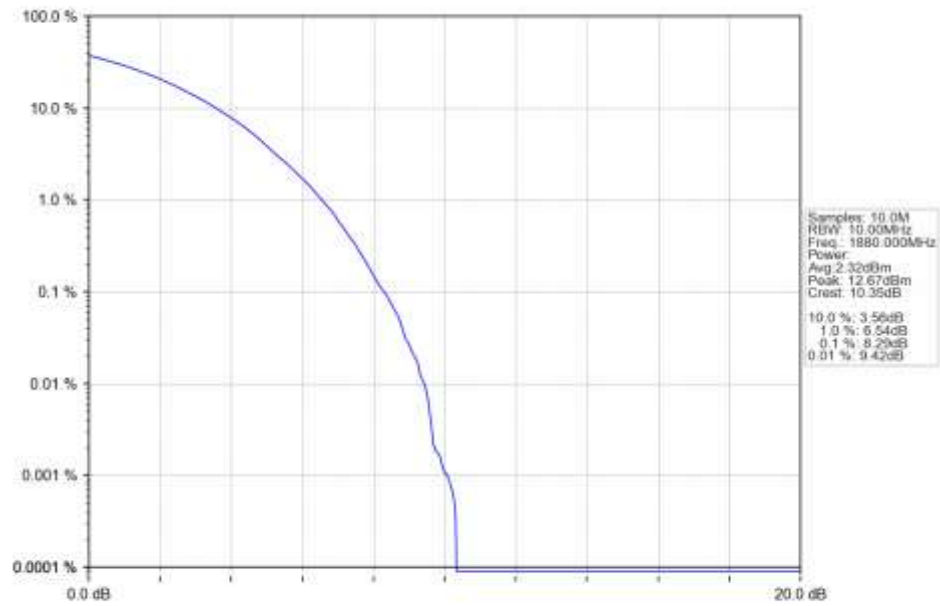
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n2_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 1855MHz_Outer_Full_Ant1



n2_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1880MHz_Outer_Full_Ant1



n2_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1905MHz_Outer_Full_Ant1

