



Appendix A.31

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_EIRP

5G NR n25 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 PI/2 BPSK	1852.5	Edge_1RB_Left	22.74	/	/	23.84	/	/	<=33.01	Pass
		Edge_1RB_Right	22.53	/	/	23.63	/	/	<=33.01	Pass
		Outer_Full	22.69	/	/	23.79	/	/	<=33.01	Pass
		Inner_Full	23.06	/	/	24.16	/	/	<=33.01	Pass
		Inner_1RB_Left	23.09	/	/	24.19	/	/	<=33.01	Pass
		Inner_1RB_Right	22.90	/	/	24.00	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	22.76	/	/	23.86	/	/	<=33.01	Pass
		Edge_1RB_Right	22.77	/	/	23.87	/	/	<=33.01	Pass
		Outer_Full	22.75	/	/	23.85	/	/	<=33.01	Pass
		Inner_Full	23.05	/	/	24.15	/	/	<=33.01	Pass
		Inner_1RB_Left	23.24	/	/	24.34	/	/	<=33.01	Pass
		Inner_1RB_Right	23.23	/	/	24.33	/	/	<=33.01	Pass
	1912.5	Edge_1RB_Left	22.88	/	/	23.98	/	/	<=33.01	Pass
		Edge_1RB_Right	22.83	/	/	23.93	/	/	<=33.01	Pass
		Outer_Full	23.08	/	/	24.18	/	/	<=33.01	Pass
		Inner_Full	23.42	/	/	24.52	/	/	<=33.01	Pass
		Inner_1RB_Left	23.33	/	/	24.43	/	/	<=33.01	Pass
		Inner_1RB_Right	23.32	/	/	24.42	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	22.12	/	/	23.22	/	/	<=33.01	Pass
		Edge_1RB_Right	22.07	/	/	23.17	/	/	<=33.01	Pass
		Outer_Full	20.63	/	/	21.73	/	/	<=33.01	Pass
		Inner_Full	23.09	/	/	24.19	/	/	<=33.01	Pass
		Inner_1RB_Left	23.04	/	/	24.14	/	/	<=33.01	Pass
		Inner_1RB_Right	22.97	/	/	24.07	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	22.12	/	/	23.22	/	/	<=33.01	Pass
		Edge_1RB_Right	22.26	/	/	23.36	/	/	<=33.01	Pass
		Outer_Full	20.57	/	/	21.67	/	/	<=33.01	Pass
		Inner_Full	23.13	/	/	24.23	/	/	<=33.01	Pass
		Inner_1RB_Left	23.17	/	/	24.27	/	/	<=33.01	Pass
		Inner_1RB_Right	23.19	/	/	24.29	/	/	<=33.01	Pass
	1912.5	Edge_1RB_Left	22.45	/	/	23.55	/	/	<=33.01	Pass
		Edge_1RB_Right	22.52	/	/	23.62	/	/	<=33.01	Pass
		Outer_Full	20.93	/	/	22.03	/	/	<=33.01	Pass
		Inner_Full	23.39	/	/	24.49	/	/	<=33.01	Pass
		Inner_1RB_Left	23.65	/	/	24.75	/	/	<=33.01	Pass
		Inner_1RB_Right	23.57	/	/	24.67	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	1852.5	Edge_1RB_Left	21.17	/	/	22.27	/	/	<=33.01	Pass
		Edge_1RB_Right	21.13	/	/	22.23	/	/	<=33.01	Pass
		Outer_Full	19.53	/	/	20.63	/	/	<=33.01	Pass
		Inner_Full	22.10	/	/	23.20	/	/	<=33.01	Pass

		Inner_1RB_Left	22.18	/	/	23.28	/	/	<=33.01	Pass
		Inner_1RB_Right	22.14	/	/	23.24	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	21.36	/	/	22.46	/	/	<=33.01	Pass
		Edge_1RB_Right	21.26	/	/	22.36	/	/	<=33.01	Pass
		Outer_Full	19.70	/	/	20.80	/	/	<=33.01	Pass
		Inner_Full	22.04	/	/	23.14	/	/	<=33.01	Pass
		Inner_1RB_Left	22.34	/	/	23.44	/	/	<=33.01	Pass
		Inner_1RB_Right	22.34	/	/	23.44	/	/	<=33.01	Pass
	1912.5	Edge_1RB_Left	21.53	/	/	22.63	/	/	<=33.01	Pass
		Edge_1RB_Right	21.58	/	/	22.68	/	/	<=33.01	Pass
		Outer_Full	19.92	/	/	21.02	/	/	<=33.01	Pass
		Inner_Full	22.28	/	/	23.38	/	/	<=33.01	Pass
		Inner_1RB_Left	22.53	/	/	23.63	/	/	<=33.01	Pass
		Inner_1RB_Right	22.63	/	/	23.73	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1852.5	Edge_1RB_Left	20.92	/	/	22.02	/	/	<=33.01	Pass
		Edge_1RB_Right	20.75	/	/	21.85	/	/	<=33.01	Pass
		Outer_Full	19.20	/	/	20.30	/	/	<=33.01	Pass
		Inner_Full	20.62	/	/	21.72	/	/	<=33.01	Pass
		Inner_1RB_Left	20.90	/	/	22.00	/	/	<=33.01	Pass
		Inner_1RB_Right	20.69	/	/	21.79	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	20.91	/	/	22.01	/	/	<=33.01	Pass
		Edge_1RB_Right	20.96	/	/	22.06	/	/	<=33.01	Pass
		Outer_Full	19.38	/	/	20.48	/	/	<=33.01	Pass
		Inner_Full	20.81	/	/	21.91	/	/	<=33.01	Pass
		Inner_1RB_Left	20.91	/	/	22.01	/	/	<=33.01	Pass
		Inner_1RB_Right	20.90	/	/	22.00	/	/	<=33.01	Pass
	1912.5	Edge_1RB_Left	21.09	/	/	22.19	/	/	<=33.01	Pass
		Edge_1RB_Right	21.12	/	/	22.22	/	/	<=33.01	Pass
		Outer_Full	19.61	/	/	20.71	/	/	<=33.01	Pass
		Inner_Full	20.99	/	/	22.09	/	/	<=33.01	Pass
		Inner_1RB_Left	21.09	/	/	22.19	/	/	<=33.01	Pass
		Inner_1RB_Right	21.17	/	/	22.27	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	1852.5	Edge_1RB_Left	18.37	/	/	19.47	/	/	<=33.01	Pass
		Edge_1RB_Right	18.29	/	/	19.39	/	/	<=33.01	Pass
		Outer_Full	18.55	/	/	19.65	/	/	<=33.01	Pass
		Inner_Full	18.48	/	/	19.58	/	/	<=33.01	Pass
		Inner_1RB_Left	18.41	/	/	19.51	/	/	<=33.01	Pass
		Inner_1RB_Right	18.26	/	/	19.36	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	18.47	/	/	19.57	/	/	<=33.01	Pass
		Edge_1RB_Right	18.43	/	/	19.53	/	/	<=33.01	Pass
		Outer_Full	18.67	/	/	19.77	/	/	<=33.01	Pass
		Inner_Full	18.73	/	/	19.83	/	/	<=33.01	Pass
		Inner_1RB_Left	18.43	/	/	19.53	/	/	<=33.01	Pass
		Inner_1RB_Right	18.44	/	/	19.54	/	/	<=33.01	Pass
	1912.5	Edge_1RB_Left	18.68	/	/	19.78	/	/	<=33.01	Pass
		Edge_1RB_Right	18.76	/	/	19.86	/	/	<=33.01	Pass
		Outer_Full	18.93	/	/	20.03	/	/	<=33.01	Pass
		Inner_Full	18.96	/	/	20.06	/	/	<=33.01	Pass
		Inner_1RB_Left	18.76	/	/	19.86	/	/	<=33.01	Pass
		Inner_1RB_Right	18.77	/	/	19.87	/	/	<=33.01	Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	20.29	/	/	21.39	/	/	<=33.01	Pass
		Edge_1RB_Right	20.14	/	/	21.24	/	/	<=33.01	Pass
		Outer_Full	20.06	/	/	21.16	/	/	<=33.01	Pass

		Inner Full	21.64	/	/	22.74	/	/	<=33.01	Pass
		Inner 1RB Left	21.74	/	/	22.84	/	/	<=33.01	Pass
		Inner 1RB Right	21.79	/	/	22.89	/	/	<=33.01	Pass
	1882.5	Edge 1RB Left	20.40	/	/	21.50	/	/	<=33.01	Pass
		Edge 1RB Right	20.35	/	/	21.45	/	/	<=33.01	Pass
		Outer Full	20.26	/	/	21.36	/	/	<=33.01	Pass
		Inner Full	21.80	/	/	22.90	/	/	<=33.01	Pass
		Inner 1RB Left	21.88	/	/	22.98	/	/	<=33.01	Pass
		Inner 1RB Right	21.87	/	/	22.97	/	/	<=33.01	Pass
	1912.5	Edge 1RB Left	20.50	/	/	21.60	/	/	<=33.01	Pass
		Edge 1RB Right	20.51	/	/	21.61	/	/	<=33.01	Pass
		Outer Full	20.52	/	/	21.62	/	/	<=33.01	Pass
		Inner Full	21.98	/	/	23.08	/	/	<=33.01	Pass
		Inner 1RB Left	22.08	/	/	23.18	/	/	<=33.01	Pass
		Inner 1RB Right	21.96	/	/	23.06	/	/	<=33.01	Pass
CP-OFDM 16 QAM	1852.5	Edge 1RB Left	20.23	/	/	21.33	/	/	<=33.01	Pass
		Edge 1RB Right	20.17	/	/	21.27	/	/	<=33.01	Pass
		Outer Full	18.59	/	/	19.69	/	/	<=33.01	Pass
		Inner Full	21.08	/	/	22.18	/	/	<=33.01	Pass
		Inner 1RB Left	21.19	/	/	22.29	/	/	<=33.01	Pass
		Inner 1RB Right	21.20	/	/	22.30	/	/	<=33.01	Pass
	1882.5	Edge 1RB Left	20.41	/	/	21.51	/	/	<=33.01	Pass
		Edge 1RB Right	20.38	/	/	21.48	/	/	<=33.01	Pass
		Outer Full	18.76	/	/	19.86	/	/	<=33.01	Pass
		Inner Full	21.23	/	/	22.33	/	/	<=33.01	Pass
		Inner 1RB Left	21.62	/	/	22.72	/	/	<=33.01	Pass
		Inner 1RB Right	21.53	/	/	22.63	/	/	<=33.01	Pass
	1912.5	Edge 1RB Left	20.49	/	/	21.59	/	/	<=33.01	Pass
		Edge 1RB Right	20.49	/	/	21.59	/	/	<=33.01	Pass
		Outer Full	19.00	/	/	20.10	/	/	<=33.01	Pass
		Inner Full	21.44	/	/	22.54	/	/	<=33.01	Pass
		Inner 1RB Left	21.53	/	/	22.63	/	/	<=33.01	Pass
		Inner 1RB Right	21.74	/	/	22.84	/	/	<=33.01	Pass
CP-OFDM 64 QAM	1852.5	Edge 1RB Left	19.85	/	/	20.95	/	/	<=33.01	Pass
		Edge 1RB Right	19.68	/	/	20.78	/	/	<=33.01	Pass
		Outer Full	18.17	/	/	19.27	/	/	<=33.01	Pass
		Inner Full	19.60	/	/	20.70	/	/	<=33.01	Pass
		Inner 1RB Left	19.79	/	/	20.89	/	/	<=33.01	Pass
		Inner 1RB Right	19.64	/	/	20.74	/	/	<=33.01	Pass
	1882.5	Edge 1RB Left	19.89	/	/	20.99	/	/	<=33.01	Pass
		Edge 1RB Right	19.92	/	/	21.02	/	/	<=33.01	Pass
		Outer Full	18.38	/	/	19.48	/	/	<=33.01	Pass
		Inner Full	19.79	/	/	20.89	/	/	<=33.01	Pass
		Inner 1RB Left	19.91	/	/	21.01	/	/	<=33.01	Pass
		Inner 1RB Right	19.89	/	/	20.99	/	/	<=33.01	Pass
	1912.5	Edge 1RB Left	20.08	/	/	21.18	/	/	<=33.01	Pass
		Edge 1RB Right	19.98	/	/	21.08	/	/	<=33.01	Pass
		Outer Full	18.65	/	/	19.75	/	/	<=33.01	Pass
		Inner Full	20.01	/	/	21.11	/	/	<=33.01	Pass
		Inner 1RB Left	20.06	/	/	21.16	/	/	<=33.01	Pass
		Inner 1RB Right	20.05	/	/	21.15	/	/	<=33.01	Pass
CP-OFDM 256 QAM	1852.5	Edge 1RB Left	16.42	/	/	17.52	/	/	<=33.01	Pass
		Edge 1RB Right	16.31	/	/	17.41	/	/	<=33.01	Pass



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		Outer_Full	16.65	/	/	17.75	/	/	<=33.01	Pass
		Inner_Full	16.55	/	/	17.65	/	/	<=33.01	Pass
		Inner_1RB_Left	16.44	/	/	17.54	/	/	<=33.01	Pass
		Inner_1RB_Right	16.29	/	/	17.39	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	16.52	/	/	17.62	/	/	<=33.01	Pass
		Edge_1RB_Right	16.57	/	/	17.67	/	/	<=33.01	Pass
		Outer_Full	16.76	/	/	17.86	/	/	<=33.01	Pass
		Inner_Full	16.78	/	/	17.88	/	/	<=33.01	Pass
		Inner_1RB_Left	16.61	/	/	17.71	/	/	<=33.01	Pass
		Inner_1RB_Right	16.51	/	/	17.61	/	/	<=33.01	Pass
	1912.5	Edge_1RB_Left	16.77	/	/	17.87	/	/	<=33.01	Pass
		Edge_1RB_Right	16.80	/	/	17.90	/	/	<=33.01	Pass
		Outer_Full	16.94	/	/	18.04	/	/	<=33.01	Pass
		Inner_Full	16.96	/	/	18.06	/	/	<=33.01	Pass
		Inner_1RB_Left	16.76	/	/	17.86	/	/	<=33.01	Pass
		Inner_1RB_Right	16.79	/	/	17.89	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant1: 1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15_S_10M_NTNV_EIRP

5G NR n25 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 PI/2 BPSK	1855	Edge_1RB_Left	22.72	/	/	23.82	/	/	<=33.01	Pass
		Edge_1RB_Right	22.48	/	/	23.58	/	/	<=33.01	Pass
		Outer_Full	22.68	/	/	23.78	/	/	<=33.01	Pass
		Inner_Full	23.16	/	/	24.26	/	/	<=33.01	Pass
		Inner_1RB_Left	23.13	/	/	24.23	/	/	<=33.01	Pass
		Inner_1RB_Right	22.86	/	/	23.96	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	22.74	/	/	23.84	/	/	<=33.01	Pass
		Edge_1RB_Right	22.75	/	/	23.85	/	/	<=33.01	Pass
		Outer_Full	22.88	/	/	23.98	/	/	<=33.01	Pass
		Inner_Full	23.42	/	/	24.52	/	/	<=33.01	Pass
		Inner_1RB_Left	23.22	/	/	24.32	/	/	<=33.01	Pass
		Inner_1RB_Right	23.26	/	/	24.36	/	/	<=33.01	Pass
	1910	Edge_1RB_Left	22.88	/	/	23.98	/	/	<=33.01	Pass
		Edge_1RB_Right	22.94	/	/	24.04	/	/	<=33.01	Pass
		Outer_Full	23.02	/	/	24.12	/	/	<=33.01	Pass
		Inner_Full	23.63	/	/	24.73	/	/	<=33.01	Pass
		Inner_1RB_Left	23.39	/	/	24.49	/	/	<=33.01	Pass
		Inner_1RB_Right	23.41	/	/	24.51	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	1855	Edge_1RB_Left	22.44	/	/	23.54	/	/	<=33.01	Pass
		Edge_1RB_Right	22.08	/	/	23.18	/	/	<=33.01	Pass
		Outer_Full	20.66	/	/	21.76	/	/	<=33.01	Pass
		Inner_Full	23.16	/	/	24.26	/	/	<=33.01	Pass
		Inner_1RB_Left	23.39	/	/	24.49	/	/	<=33.01	Pass
		Inner_1RB_Right	22.99	/	/	24.09	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	22.16	/	/	23.26	/	/	<=33.01	Pass
		Edge_1RB_Right	22.34	/	/	23.44	/	/	<=33.01	Pass
		Outer_Full	20.92	/	/	22.02	/	/	<=33.01	Pass

		Inner Full	23.38	/	/	24.48	/	/	<=33.01	Pass
		Inner 1RB Left	23.32	/	/	24.42	/	/	<=33.01	Pass
		Inner 1RB Right	23.40	/	/	24.50	/	/	<=33.01	Pass
	1910	Edge 1RB Left	22.51	/	/	23.61	/	/	<=33.01	Pass
		Edge 1RB Right	22.59	/	/	23.69	/	/	<=33.01	Pass
		Outer Full	21.06	/	/	22.16	/	/	<=33.01	Pass
		Inner Full	23.55	/	/	24.65	/	/	<=33.01	Pass
		Inner 1RB Left	23.58	/	/	24.68	/	/	<=33.01	Pass
		Inner 1RB Right	23.64	/	/	24.74	/	/	<=33.01	Pass
		Edge 1RB Left	21.34	/	/	22.44	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	1855	Edge 1RB Right	20.96	/	/	22.06	/	/	<=33.01	Pass
		Outer Full	19.67	/	/	20.77	/	/	<=33.01	Pass
		Inner Full	22.15	/	/	23.25	/	/	<=33.01	Pass
		Inner 1RB Left	22.38	/	/	23.48	/	/	<=33.01	Pass
		Inner 1RB Right	22.17	/	/	23.27	/	/	<=33.01	Pass
		Edge 1RB Left	21.24	/	/	22.34	/	/	<=33.01	Pass
	1882.5	Edge 1RB Right	21.34	/	/	22.44	/	/	<=33.01	Pass
		Outer Full	19.81	/	/	20.91	/	/	<=33.01	Pass
		Inner Full	22.43	/	/	23.53	/	/	<=33.01	Pass
		Inner 1RB Left	22.40	/	/	23.50	/	/	<=33.01	Pass
		Inner 1RB Right	22.48	/	/	23.58	/	/	<=33.01	Pass
		Edge 1RB Left	21.62	/	/	22.72	/	/	<=33.01	Pass
	1910	Edge 1RB Right	21.69	/	/	22.79	/	/	<=33.01	Pass
		Outer Full	19.98	/	/	21.08	/	/	<=33.01	Pass
		Inner Full	22.51	/	/	23.61	/	/	<=33.01	Pass
		Inner 1RB Left	22.57	/	/	23.67	/	/	<=33.01	Pass
		Inner 1RB Right	22.63	/	/	23.73	/	/	<=33.01	Pass
		Edge 1RB Left	20.94	/	/	22.04	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1855	Edge 1RB Right	20.71	/	/	21.81	/	/	<=33.01	Pass
		Outer Full	19.22	/	/	20.32	/	/	<=33.01	Pass
		Inner Full	20.87	/	/	21.97	/	/	<=33.01	Pass
		Inner 1RB Left	21.02	/	/	22.12	/	/	<=33.01	Pass
		Inner 1RB Right	20.68	/	/	21.78	/	/	<=33.01	Pass
		Edge 1RB Left	21.01	/	/	22.11	/	/	<=33.01	Pass
	1882.5	Edge 1RB Right	20.91	/	/	22.01	/	/	<=33.01	Pass
		Outer Full	19.45	/	/	20.55	/	/	<=33.01	Pass
		Inner Full	20.96	/	/	22.06	/	/	<=33.01	Pass
		Inner 1RB Left	21.01	/	/	22.11	/	/	<=33.01	Pass
		Inner 1RB Right	20.91	/	/	22.01	/	/	<=33.01	Pass
		Edge 1RB Left	21.14	/	/	22.24	/	/	<=33.01	Pass
	1910	Edge 1RB Right	21.15	/	/	22.25	/	/	<=33.01	Pass
		Outer Full	19.54	/	/	20.64	/	/	<=33.01	Pass
		Inner Full	21.24	/	/	22.34	/	/	<=33.01	Pass
		Inner 1RB Left	21.11	/	/	22.21	/	/	<=33.01	Pass
		Inner 1RB Right	21.19	/	/	22.29	/	/	<=33.01	Pass
		Edge 1RB Left	18.44	/	/	19.54	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	1855	Edge 1RB Right	18.17	/	/	19.27	/	/	<=33.01	Pass
		Outer Full	18.58	/	/	19.68	/	/	<=33.01	Pass
		Inner Full	18.67	/	/	19.77	/	/	<=33.01	Pass
		Inner 1RB Left	18.50	/	/	19.60	/	/	<=33.01	Pass
		Inner 1RB Right	18.28	/	/	19.38	/	/	<=33.01	Pass
		Edge 1RB Left	18.54	/	/	19.64	/	/	<=33.01	Pass
	1882.5	Edge 1RB Right	18.53	/	/	19.63	/	/	<=33.01	Pass
		Edge 1RB Right	18.53	/	/	19.63	/	/	<=33.01	Pass

		Outer_Full	18.77	/	/	19.87	/	/	<=33.01	Pass
		Inner_Full	18.80	/	/	19.90	/	/	<=33.01	Pass
		Inner_1RB_Left	18.57	/	/	19.67	/	/	<=33.01	Pass
		Inner_1RB_Right	18.57	/	/	19.67	/	/	<=33.01	Pass
	1910	Edge_1RB_Left	18.71	/	/	19.81	/	/	<=33.01	Pass
		Edge_1RB_Right	18.74	/	/	19.84	/	/	<=33.01	Pass
		Outer_Full	18.98	/	/	20.08	/	/	<=33.01	Pass
		Inner_Full	19.11	/	/	20.21	/	/	<=33.01	Pass
		Inner_1RB_Left	18.66	/	/	19.76	/	/	<=33.01	Pass
		Inner_1RB_Right	18.77	/	/	19.87	/	/	<=33.01	Pass
		Edge_1RB_Left	20.52	/	/	21.62	/	/	<=33.01	Pass
		Edge_1RB_Right	20.24	/	/	21.34	/	/	<=33.01	Pass
CP-OFDM QPSK	1855	Outer_Full	20.21	/	/	21.31	/	/	<=33.01	Pass
		Inner_Full	21.70	/	/	22.80	/	/	<=33.01	Pass
		Inner_1RB_Left	21.92	/	/	23.02	/	/	<=33.01	Pass
		Inner_1RB_Right	21.61	/	/	22.71	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	20.40	/	/	21.50	/	/	<=33.01	Pass
		Edge_1RB_Right	20.35	/	/	21.45	/	/	<=33.01	Pass
		Outer_Full	20.41	/	/	21.51	/	/	<=33.01	Pass
		Inner_Full	21.76	/	/	22.86	/	/	<=33.01	Pass
		Inner_1RB_Left	21.92	/	/	23.02	/	/	<=33.01	Pass
		Inner_1RB_Right	21.95	/	/	23.05	/	/	<=33.01	Pass
	1910	Edge_1RB_Left	20.58	/	/	21.68	/	/	<=33.01	Pass
		Edge_1RB_Right	20.50	/	/	21.60	/	/	<=33.01	Pass
		Outer_Full	20.62	/	/	21.72	/	/	<=33.01	Pass
		Inner_Full	22.08	/	/	23.18	/	/	<=33.01	Pass
		Inner_1RB_Left	22.09	/	/	23.19	/	/	<=33.01	Pass
		Inner_1RB_Right	22.14	/	/	23.24	/	/	<=33.01	Pass
CP-OFDM 16 QAM	1855	Edge_1RB_Left	20.31	/	/	21.41	/	/	<=33.01	Pass
		Edge_1RB_Right	19.92	/	/	21.02	/	/	<=33.01	Pass
		Outer_Full	18.76	/	/	19.86	/	/	<=33.01	Pass
		Inner_Full	21.19	/	/	22.29	/	/	<=33.01	Pass
		Inner_1RB_Left	21.48	/	/	22.58	/	/	<=33.01	Pass
		Inner_1RB_Right	21.04	/	/	22.14	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	20.43	/	/	21.53	/	/	<=33.01	Pass
		Edge_1RB_Right	20.34	/	/	21.44	/	/	<=33.01	Pass
		Outer_Full	18.91	/	/	20.01	/	/	<=33.01	Pass
		Inner_Full	21.48	/	/	22.58	/	/	<=33.01	Pass
		Inner_1RB_Left	21.41	/	/	22.51	/	/	<=33.01	Pass
		Inner_1RB_Right	21.31	/	/	22.41	/	/	<=33.01	Pass
	1910	Edge_1RB_Left	20.54	/	/	21.64	/	/	<=33.01	Pass
		Edge_1RB_Right	20.61	/	/	21.71	/	/	<=33.01	Pass
		Outer_Full	19.01	/	/	20.11	/	/	<=33.01	Pass
		Inner_Full	21.66	/	/	22.76	/	/	<=33.01	Pass
		Inner_1RB_Left	21.52	/	/	22.62	/	/	<=33.01	Pass
		Inner_1RB_Right	21.57	/	/	22.67	/	/	<=33.01	Pass
CP-OFDM 64 QAM	1855	Edge_1RB_Left	19.93	/	/	21.03	/	/	<=33.01	Pass
		Edge_1RB_Right	19.49	/	/	20.59	/	/	<=33.01	Pass
		Outer_Full	18.20	/	/	19.30	/	/	<=33.01	Pass
		Inner_Full	19.73	/	/	20.83	/	/	<=33.01	Pass
		Inner_1RB_Left	19.90	/	/	21.00	/	/	<=33.01	Pass
		Inner_1RB_Right	19.51	/	/	20.61	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	19.87	/	/	20.97	/	/	<=33.01	Pass

		Edge 1RB Right	19.88	/	/	20.98	/	/	<=33.01	Pass	
		Outer Full	18.39	/	/	19.49	/	/	<=33.01	Pass	
		Inner Full	19.84	/	/	20.94	/	/	<=33.01	Pass	
		Inner 1RB Left	19.83	/	/	20.93	/	/	<=33.01	Pass	
		Inner 1RB Right	19.83	/	/	20.93	/	/	<=33.01	Pass	
	1910	Edge 1RB Left	20.07	/	/	21.17	/	/	<=33.01	Pass	
		Edge 1RB Right	20.07	/	/	21.17	/	/	<=33.01	Pass	
		Outer Full	18.55	/	/	19.65	/	/	<=33.01	Pass	
		Inner Full	20.14	/	/	21.24	/	/	<=33.01	Pass	
		Inner 1RB Left	20.01	/	/	21.11	/	/	<=33.01	Pass	
	Inner 1RB Right	20.15	/	/	21.25	/	/	<=33.01	Pass		
CP-OFDM 256 QAM	1855	Edge 1RB Left	16.56	/	/	17.66	/	/	<=33.01	Pass	
		Edge 1RB Right	16.21	/	/	17.31	/	/	<=33.01	Pass	
		Outer Full	16.66	/	/	17.76	/	/	<=33.01	Pass	
		Inner Full	16.65	/	/	17.75	/	/	<=33.01	Pass	
		Inner 1RB Left	16.56	/	/	17.66	/	/	<=33.01	Pass	
		Inner 1RB Right	16.30	/	/	17.40	/	/	<=33.01	Pass	
	1882.5	Edge 1RB Left	16.57	/	/	17.67	/	/	<=33.01	Pass	
		Edge 1RB Right	16.52	/	/	17.62	/	/	<=33.01	Pass	
		Outer Full	16.95	/	/	18.05	/	/	<=33.01	Pass	
		Inner Full	16.84	/	/	17.94	/	/	<=33.01	Pass	
		Inner 1RB Left	16.57	/	/	17.67	/	/	<=33.01	Pass	
		Inner 1RB Right	16.53	/	/	17.63	/	/	<=33.01	Pass	
	1910	Edge 1RB Left	16.68	/	/	17.78	/	/	<=33.01	Pass	
		Edge 1RB Right	16.69	/	/	17.79	/	/	<=33.01	Pass	
		Outer Full	17.03	/	/	18.13	/	/	<=33.01	Pass	
		Inner Full	17.02	/	/	18.12	/	/	<=33.01	Pass	
		Inner 1RB Left	16.70	/	/	17.80	/	/	<=33.01	Pass	
		Inner 1RB Right	16.81	/	/	17.91	/	/	<=33.01	Pass	
	Note1: Antenna Gain: Ant1: 1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15_S_15M_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	1857.5	Edge 1RB Left	22.26	/	/	23.36	/	/	<=33.01	Pass
		Edge 1RB Right	21.80	/	/	22.90	/	/	<=33.01	Pass
		Outer Full	20.68	/	/	21.78	/	/	<=33.01	Pass
		Inner Full	23.10	/	/	24.20	/	/	<=33.01	Pass
		Inner 1RB Left	23.23	/	/	24.33	/	/	<=33.01	Pass
		Inner 1RB Right	22.95	/	/	24.05	/	/	<=33.01	Pass
	1882.5	Edge 1RB Left	22.71	/	/	23.81	/	/	<=33.01	Pass
		Edge 1RB Right	22.68	/	/	23.78	/	/	<=33.01	Pass
		Outer Full	22.76	/	/	23.86	/	/	<=33.01	Pass
		Inner Full	23.29	/	/	24.39	/	/	<=33.01	Pass
		Inner 1RB Left	23.23	/	/	24.33	/	/	<=33.01	Pass
		Inner 1RB Right	23.21	/	/	24.31	/	/	<=33.01	Pass
	1907.5	Edge 1RB Left	22.78	/	/	23.88	/	/	<=33.01	Pass
		Edge 1RB Right	22.98	/	/	24.08	/	/	<=33.01	Pass

DFT-s-OFDM QPSK		Outer_Full	23.04	/	/	24.14	/	/	<=33.01	Pass
		Inner_Full	23.55	/	/	24.65	/	/	<=33.01	Pass
		Inner_1RB_Left	23.31	/	/	24.41	/	/	<=33.01	Pass
		Inner_1RB_Right	23.53	/	/	24.63	/	/	<=33.01	Pass
	1857.5	Edge_1RB_Left	22.43	/	/	23.53	/	/	<=33.01	Pass
		Edge_1RB_Right	21.93	/	/	23.03	/	/	<=33.01	Pass
		Outer_Full	20.64	/	/	21.74	/	/	<=33.01	Pass
		Inner_Full	23.17	/	/	24.27	/	/	<=33.01	Pass
	1882.5	Inner_1RB_Left	23.29	/	/	24.39	/	/	<=33.01	Pass
		Inner_1RB_Right	22.99	/	/	24.09	/	/	<=33.01	Pass
		Edge_1RB_Left	22.18	/	/	23.28	/	/	<=33.01	Pass
		Edge_1RB_Right	22.36	/	/	23.46	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	20.80	/	/	21.90	/	/	<=33.01	Pass
		Inner_Full	23.33	/	/	24.43	/	/	<=33.01	Pass
		Inner_1RB_Left	23.10	/	/	24.20	/	/	<=33.01	Pass
		Inner_1RB_Right	23.07	/	/	24.17	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	22.42	/	/	23.52	/	/	<=33.01	Pass
		Edge_1RB_Right	22.65	/	/	23.75	/	/	<=33.01	Pass
		Outer_Full	21.08	/	/	22.18	/	/	<=33.01	Pass
		Inner_Full	23.55	/	/	24.65	/	/	<=33.01	Pass
	1907.5	Inner_1RB_Left	23.45	/	/	24.55	/	/	<=33.01	Pass
		Inner_1RB_Right	23.70	/	/	24.80	/	/	<=33.01	Pass
		Edge_1RB_Left	21.58	/	/	22.68	/	/	<=33.01	Pass
		Edge_1RB_Right	21.19	/	/	22.29	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	19.63	/	/	20.73	/	/	<=33.01	Pass
		Inner_Full	22.13	/	/	23.23	/	/	<=33.01	Pass
		Inner_1RB_Left	22.46	/	/	23.56	/	/	<=33.01	Pass
		Inner_1RB_Right	22.07	/	/	23.17	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	21.35	/	/	22.45	/	/	<=33.01	Pass
		Edge_1RB_Right	21.42	/	/	22.52	/	/	<=33.01	Pass
		Outer_Full	19.80	/	/	20.90	/	/	<=33.01	Pass
		Inner_Full	22.32	/	/	23.42	/	/	<=33.01	Pass
	1907.5	Inner_1RB_Left	22.42	/	/	23.52	/	/	<=33.01	Pass
		Inner_1RB_Right	22.39	/	/	23.49	/	/	<=33.01	Pass
		Edge_1RB_Left	21.53	/	/	22.63	/	/	<=33.01	Pass
		Edge_1RB_Right	21.81	/	/	22.91	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	20.08	/	/	21.18	/	/	<=33.01	Pass
		Inner_Full	22.60	/	/	23.70	/	/	<=33.01	Pass
		Inner_1RB_Left	22.46	/	/	23.56	/	/	<=33.01	Pass
		Inner_1RB_Right	22.67	/	/	23.77	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	20.96	/	/	22.06	/	/	<=33.01	Pass
		Edge_1RB_Right	20.71	/	/	21.81	/	/	<=33.01	Pass
		Outer_Full	19.18	/	/	20.28	/	/	<=33.01	Pass
		Inner_Full	20.67	/	/	21.77	/	/	<=33.01	Pass
	1907.5	Inner_1RB_Left	20.96	/	/	22.06	/	/	<=33.01	Pass
		Inner_1RB_Right	20.78	/	/	21.88	/	/	<=33.01	Pass
		Edge_1RB_Left	20.94	/	/	22.04	/	/	<=33.01	Pass
		Edge_1RB_Right	20.92	/	/	22.02	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	19.35	/	/	20.45	/	/	<=33.01	Pass
		Inner_Full	20.80	/	/	21.90	/	/	<=33.01	Pass
		Inner_1RB_Left	20.93	/	/	22.03	/	/	<=33.01	Pass
		Inner_1RB_Right	20.91	/	/	22.01	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	21.00	/	/	22.10	/	/	<=33.01	Pass
		Edge_1RB_Right	21.00	/	/	22.10	/	/	<=33.01	Pass
		Outer_Full	21.00	/	/	22.10	/	/	<=33.01	Pass
		Inner_Full	21.00	/	/	22.10	/	/	<=33.01	Pass
	1907.5	Inner_1RB_Left	21.00	/	/	22.10	/	/	<=33.01	Pass
		Inner_1RB_Right	21.00	/	/	22.10	/	/	<=33.01	Pass
		Edge_1RB_Left	21.00	/	/	22.10	/	/	<=33.01	Pass
		Edge_1RB_Right	21.00	/	/	22.10	/	/	<=33.01	Pass

DFT-s-OFDM 256 QAM		Edge 1RB Right	21.24	/	/	22.34	/	/	<=33.01	Pass
		Outer Full	19.58	/	/	20.68	/	/	<=33.01	Pass
		Inner Full	21.15	/	/	22.25	/	/	<=33.01	Pass
		Inner 1RB Left	21.00	/	/	22.10	/	/	<=33.01	Pass
		Inner 1RB Right	21.21	/	/	22.31	/	/	<=33.01	Pass
	1857.5	Edge 1RB Left	18.61	/	/	19.71	/	/	<=33.01	Pass
		Edge 1RB Right	18.28	/	/	19.38	/	/	<=33.01	Pass
		Outer Full	18.60	/	/	19.70	/	/	<=33.01	Pass
		Inner Full	18.69	/	/	19.79	/	/	<=33.01	Pass
		Inner 1RB Left	18.92	/	/	20.02	/	/	<=33.01	Pass
	1882.5	Inner 1RB Right	18.59	/	/	19.69	/	/	<=33.01	Pass
		Edge 1RB Left	18.52	/	/	19.62	/	/	<=33.01	Pass
		Edge 1RB Right	18.47	/	/	19.57	/	/	<=33.01	Pass
		Outer Full	18.73	/	/	19.83	/	/	<=33.01	Pass
		Inner Full	18.78	/	/	19.88	/	/	<=33.01	Pass
	1907.5	Inner 1RB Left	18.47	/	/	19.57	/	/	<=33.01	Pass
		Inner 1RB Right	18.49	/	/	19.59	/	/	<=33.01	Pass
		Edge 1RB Left	18.69	/	/	19.79	/	/	<=33.01	Pass
		Edge 1RB Right	18.80	/	/	19.90	/	/	<=33.01	Pass
		Outer Full	19.00	/	/	20.10	/	/	<=33.01	Pass
CP-OFDM QPSK	1857.5	Inner Full	18.99	/	/	20.09	/	/	<=33.01	Pass
		Inner 1RB Left	18.67	/	/	19.77	/	/	<=33.01	Pass
		Inner 1RB Right	18.89	/	/	19.99	/	/	<=33.01	Pass
		Edge 1RB Left	20.55	/	/	21.65	/	/	<=33.01	Pass
		Edge 1RB Right	20.14	/	/	21.24	/	/	<=33.01	Pass
	1882.5	Outer Full	20.19	/	/	21.29	/	/	<=33.01	Pass
		Inner Full	21.67	/	/	22.77	/	/	<=33.01	Pass
		Inner 1RB Left	21.96	/	/	23.06	/	/	<=33.01	Pass
		Inner 1RB Right	21.63	/	/	22.73	/	/	<=33.01	Pass
		Edge 1RB Left	20.47	/	/	21.57	/	/	<=33.01	Pass
	1907.5	Edge 1RB Right	20.39	/	/	21.49	/	/	<=33.01	Pass
		Outer Full	20.34	/	/	21.44	/	/	<=33.01	Pass
		Inner Full	21.89	/	/	22.99	/	/	<=33.01	Pass
		Inner 1RB Left	21.88	/	/	22.98	/	/	<=33.01	Pass
		Inner 1RB Right	21.83	/	/	22.93	/	/	<=33.01	Pass
CP-OFDM 16 QAM	1857.5	Edge 1RB Left	20.53	/	/	21.63	/	/	<=33.01	Pass
		Edge 1RB Right	20.72	/	/	21.82	/	/	<=33.01	Pass
		Outer Full	20.62	/	/	21.72	/	/	<=33.01	Pass
		Inner Full	22.13	/	/	23.23	/	/	<=33.01	Pass
		Inner 1RB Left	21.95	/	/	23.05	/	/	<=33.01	Pass
	1882.5	Inner 1RB Right	22.18	/	/	23.28	/	/	<=33.01	Pass
		Edge 1RB Left	20.46	/	/	21.56	/	/	<=33.01	Pass
		Edge 1RB Right	20.08	/	/	21.18	/	/	<=33.01	Pass
		Outer Full	18.64	/	/	19.74	/	/	<=33.01	Pass
		Inner Full	21.12	/	/	22.22	/	/	<=33.01	Pass
	1907.5	Inner 1RB Left	21.43	/	/	22.53	/	/	<=33.01	Pass
		Inner 1RB Right	21.26	/	/	22.36	/	/	<=33.01	Pass
		Edge 1RB Left	20.42	/	/	21.52	/	/	<=33.01	Pass
		Edge 1RB Right	20.39	/	/	21.49	/	/	<=33.01	Pass
		Outer Full	18.76	/	/	19.86	/	/	<=33.01	Pass
CP-OFDM 16 QAM	1857.5	Inner Full	21.28	/	/	22.38	/	/	<=33.01	Pass
		Inner 1RB Left	21.38	/	/	22.48	/	/	<=33.01	Pass
		Inner 1RB Right	21.39	/	/	22.49	/	/	<=33.01	Pass
	1882.5	Edge 1RB Left	20.42	/	/	21.52	/	/	<=33.01	Pass
		Edge 1RB Right	20.39	/	/	21.49	/	/	<=33.01	Pass
		Outer Full	18.76	/	/	19.86	/	/	<=33.01	Pass
		Inner Full	21.28	/	/	22.38	/	/	<=33.01	Pass
		Inner 1RB Left	21.38	/	/	22.48	/	/	<=33.01	Pass
		Inner 1RB Right	21.39	/	/	22.49	/	/	<=33.01	Pass

	1907.5	Edge_1RB_Left	20.61	/	/	21.71	/	/	<=33.01	Pass
		Edge_1RB_Right	20.66	/	/	21.76	/	/	<=33.01	Pass
		Outer_Full	19.03	/	/	20.13	/	/	<=33.01	Pass
		Inner_Full	21.54	/	/	22.64	/	/	<=33.01	Pass
		Inner_1RB_Left	21.46	/	/	22.56	/	/	<=33.01	Pass
		Inner_1RB_Right	21.62	/	/	22.72	/	/	<=33.01	Pass
CP-OFDM 64 QAM	1857.5	Edge_1RB_Left	20.00	/	/	21.10	/	/	<=33.01	Pass
		Edge_1RB_Right	19.65	/	/	20.75	/	/	<=33.01	Pass
		Outer_Full	18.24	/	/	19.34	/	/	<=33.01	Pass
		Inner_Full	19.69	/	/	20.79	/	/	<=33.01	Pass
		Inner_1RB_Left	19.96	/	/	21.06	/	/	<=33.01	Pass
		Inner_1RB_Right	19.67	/	/	20.77	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	19.91	/	/	21.01	/	/	<=33.01	Pass
		Edge_1RB_Right	19.90	/	/	21.00	/	/	<=33.01	Pass
		Outer_Full	18.35	/	/	19.45	/	/	<=33.01	Pass
		Inner_Full	19.83	/	/	20.93	/	/	<=33.01	Pass
		Inner_1RB_Left	19.86	/	/	20.96	/	/	<=33.01	Pass
		Inner_1RB_Right	19.84	/	/	20.94	/	/	<=33.01	Pass
	1907.5	Edge_1RB_Left	19.96	/	/	21.06	/	/	<=33.01	Pass
		Edge_1RB_Right	20.21	/	/	21.31	/	/	<=33.01	Pass
		Outer_Full	18.57	/	/	19.67	/	/	<=33.01	Pass
		Inner_Full	20.11	/	/	21.21	/	/	<=33.01	Pass
		Inner_1RB_Left	19.97	/	/	21.07	/	/	<=33.01	Pass
		Inner_1RB_Right	20.16	/	/	21.26	/	/	<=33.01	Pass
CP-OFDM 256 QAM	1857.5	Edge_1RB_Left	16.63	/	/	17.73	/	/	<=33.01	Pass
		Edge_1RB_Right	16.30	/	/	17.40	/	/	<=33.01	Pass
		Outer_Full	16.67	/	/	17.77	/	/	<=33.01	Pass
		Inner_Full	16.65	/	/	17.75	/	/	<=33.01	Pass
		Inner_1RB_Left	16.60	/	/	17.70	/	/	<=33.01	Pass
		Inner_1RB_Right	16.27	/	/	17.37	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	16.58	/	/	17.68	/	/	<=33.01	Pass
		Edge_1RB_Right	16.44	/	/	17.54	/	/	<=33.01	Pass
		Outer_Full	16.83	/	/	17.93	/	/	<=33.01	Pass
		Inner_Full	16.81	/	/	17.91	/	/	<=33.01	Pass
		Inner_1RB_Left	16.57	/	/	17.67	/	/	<=33.01	Pass
		Inner_1RB_Right	16.56	/	/	17.66	/	/	<=33.01	Pass
	1907.5	Edge_1RB_Left	16.68	/	/	17.78	/	/	<=33.01	Pass
		Edge_1RB_Right	16.90	/	/	18.00	/	/	<=33.01	Pass
		Outer_Full	17.12	/	/	18.22	/	/	<=33.01	Pass
		Inner_Full	17.04	/	/	18.14	/	/	<=33.01	Pass
		Inner_1RB_Left	16.67	/	/	17.77	/	/	<=33.01	Pass
		Inner_1RB_Right	16.87	/	/	17.97	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant1: 1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15_S_20M_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	1860	Edge_1RB_Left	22.72	/	/	23.82	/	/	<=33.01	Pass

BPSK		Edge_1RB_Right	22.49	/	/	23.59	/	/	<=33.01	Pass
		Outer_Full	22.66	/	/	23.76	/	/	<=33.01	Pass
		Inner_Full	23.11	/	/	24.21	/	/	<=33.01	Pass
		Inner_1RB_Left	23.14	/	/	24.24	/	/	<=33.01	Pass
	1882.5	Inner_1RB_Right	23.03	/	/	24.13	/	/	<=33.01	Pass
		Edge_1RB_Left	22.59	/	/	23.69	/	/	<=33.01	Pass
		Edge_1RB_Right	22.66	/	/	23.76	/	/	<=33.01	Pass
		Outer_Full	22.77	/	/	23.87	/	/	<=33.01	Pass
	1905	Inner_Full	23.38	/	/	24.48	/	/	<=33.01	Pass
		Inner_1RB_Left	23.07	/	/	24.17	/	/	<=33.01	Pass
		Inner_1RB_Right	23.15	/	/	24.25	/	/	<=33.01	Pass
		Edge_1RB_Left	22.76	/	/	23.86	/	/	<=33.01	Pass
		Edge_1RB_Right	23.02	/	/	24.12	/	/	<=33.01	Pass
		Outer_Full	23.03	/	/	24.13	/	/	<=33.01	Pass
		Inner_Full	23.57	/	/	24.67	/	/	<=33.01	Pass
		Inner_1RB_Left	23.25	/	/	24.35	/	/	<=33.01	Pass
		Inner_1RB_Right	23.52	/	/	24.62	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	22.31	/	/	23.41	/	/	<=33.01	Pass
		Edge_1RB_Right	22.11	/	/	23.21	/	/	<=33.01	Pass
		Outer_Full	20.63	/	/	21.73	/	/	<=33.01	Pass
		Inner_Full	23.05	/	/	24.15	/	/	<=33.01	Pass
	1882.5	Inner_1RB_Left	23.33	/	/	24.43	/	/	<=33.01	Pass
		Inner_1RB_Right	23.17	/	/	24.27	/	/	<=33.01	Pass
		Edge_1RB_Left	22.19	/	/	23.29	/	/	<=33.01	Pass
		Edge_1RB_Right	22.37	/	/	23.47	/	/	<=33.01	Pass
	1905	Outer_Full	20.86	/	/	21.96	/	/	<=33.01	Pass
		Inner_Full	23.37	/	/	24.47	/	/	<=33.01	Pass
		Inner_1RB_Left	23.21	/	/	24.31	/	/	<=33.01	Pass
		Inner_1RB_Right	23.23	/	/	24.33	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	1860	Edge_1RB_Left	22.49	/	/	23.59	/	/	<=33.01	Pass
		Edge_1RB_Right	22.72	/	/	23.82	/	/	<=33.01	Pass
		Outer_Full	21.07	/	/	22.17	/	/	<=33.01	Pass
		Inner_Full	23.56	/	/	24.66	/	/	<=33.01	Pass
	1882.5	Inner_1RB_Left	23.41	/	/	24.51	/	/	<=33.01	Pass
		Inner_1RB_Right	23.65	/	/	24.75	/	/	<=33.01	Pass
		Edge_1RB_Left	21.42	/	/	22.52	/	/	<=33.01	Pass
		Edge_1RB_Right	21.20	/	/	22.30	/	/	<=33.01	Pass
	1905	Outer_Full	19.66	/	/	20.76	/	/	<=33.01	Pass
		Inner_Full	22.08	/	/	23.18	/	/	<=33.01	Pass
		Inner_1RB_Left	22.40	/	/	23.50	/	/	<=33.01	Pass
		Inner_1RB_Right	22.24	/	/	23.34	/	/	<=33.01	Pass
	1860	Edge_1RB_Left	21.29	/	/	22.39	/	/	<=33.01	Pass
		Edge_1RB_Right	21.27	/	/	22.37	/	/	<=33.01	Pass
		Outer_Full	19.87	/	/	20.97	/	/	<=33.01	Pass
		Inner_Full	22.31	/	/	23.41	/	/	<=33.01	Pass
	1882.5	Inner_1RB_Left	22.24	/	/	23.34	/	/	<=33.01	Pass
		Inner_1RB_Right	22.28	/	/	23.38	/	/	<=33.01	Pass
		Edge_1RB_Left	21.41	/	/	22.51	/	/	<=33.01	Pass
		Edge_1RB_Right	21.70	/	/	22.80	/	/	<=33.01	Pass
	1905	Outer_Full	20.12	/	/	21.22	/	/	<=33.01	Pass
		Inner_Full	22.56	/	/	23.66	/	/	<=33.01	Pass
		Inner_1RB_Left	22.45	/	/	23.55	/	/	<=33.01	Pass
		Inner_1RB_Right	22.72	/	/	23.82	/	/	<=33.01	Pass

DFT-s-OFDM 64 QAM	1860	Edge_1RB_Left	21.23	/	/	22.33	/	/	<=33.01	Pass
		Edge_1RB_Right	20.77	/	/	21.87	/	/	<=33.01	Pass
		Outer_Full	19.17	/	/	20.27	/	/	<=33.01	Pass
		Inner_Full	20.64	/	/	21.74	/	/	<=33.01	Pass
		Inner_1RB_Left	21.03	/	/	22.13	/	/	<=33.01	Pass
		Inner_1RB_Right	20.88	/	/	21.98	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	20.83	/	/	21.93	/	/	<=33.01	Pass
		Edge_1RB_Right	20.90	/	/	22.00	/	/	<=33.01	Pass
		Outer_Full	19.35	/	/	20.45	/	/	<=33.01	Pass
		Inner_Full	20.91	/	/	22.01	/	/	<=33.01	Pass
		Inner_1RB_Left	20.83	/	/	21.93	/	/	<=33.01	Pass
		Inner_1RB_Right	20.91	/	/	22.01	/	/	<=33.01	Pass
	1905	Edge_1RB_Left	20.95	/	/	22.05	/	/	<=33.01	Pass
		Edge_1RB_Right	21.29	/	/	22.39	/	/	<=33.01	Pass
		Outer_Full	19.54	/	/	20.64	/	/	<=33.01	Pass
		Inner_Full	21.15	/	/	22.25	/	/	<=33.01	Pass
		Inner_1RB_Left	20.98	/	/	22.08	/	/	<=33.01	Pass
		Inner_1RB_Right	21.26	/	/	22.36	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	1860	Edge_1RB_Left	18.52	/	/	19.62	/	/	<=33.01	Pass
		Edge_1RB_Right	18.48	/	/	19.58	/	/	<=33.01	Pass
		Outer_Full	18.59	/	/	19.69	/	/	<=33.01	Pass
		Inner_Full	18.50	/	/	19.60	/	/	<=33.01	Pass
		Inner_1RB_Left	18.50	/	/	19.60	/	/	<=33.01	Pass
		Inner_1RB_Right	18.30	/	/	19.40	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	18.53	/	/	19.63	/	/	<=33.01	Pass
		Edge_1RB_Right	18.50	/	/	19.60	/	/	<=33.01	Pass
		Outer_Full	18.81	/	/	19.91	/	/	<=33.01	Pass
		Inner_Full	18.75	/	/	19.85	/	/	<=33.01	Pass
		Inner_1RB_Left	18.45	/	/	19.55	/	/	<=33.01	Pass
		Inner_1RB_Right	18.60	/	/	19.70	/	/	<=33.01	Pass
	1905	Edge_1RB_Left	18.64	/	/	19.74	/	/	<=33.01	Pass
		Edge_1RB_Right	18.87	/	/	19.97	/	/	<=33.01	Pass
		Outer_Full	19.02	/	/	20.12	/	/	<=33.01	Pass
		Inner_Full	19.00	/	/	20.10	/	/	<=33.01	Pass
		Inner_1RB_Left	18.56	/	/	19.66	/	/	<=33.01	Pass
		Inner_1RB_Right	18.90	/	/	20.00	/	/	<=33.01	Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	20.46	/	/	21.56	/	/	<=33.01	Pass
		Edge_1RB_Right	20.18	/	/	21.28	/	/	<=33.01	Pass
		Outer_Full	20.12	/	/	21.22	/	/	<=33.01	Pass
		Inner_Full	21.56	/	/	22.66	/	/	<=33.01	Pass
		Inner_1RB_Left	21.87	/	/	22.97	/	/	<=33.01	Pass
		Inner_1RB_Right	21.62	/	/	22.72	/	/	<=33.01	Pass
	1882.5	Edge_1RB_Left	20.38	/	/	21.48	/	/	<=33.01	Pass
		Edge_1RB_Right	20.31	/	/	21.41	/	/	<=33.01	Pass
		Outer_Full	20.41	/	/	21.51	/	/	<=33.01	Pass
		Inner_Full	21.87	/	/	22.97	/	/	<=33.01	Pass
		Inner_1RB_Left	21.71	/	/	22.81	/	/	<=33.01	Pass
		Inner_1RB_Right	21.76	/	/	22.86	/	/	<=33.01	Pass
	1905	Edge_1RB_Left	20.45	/	/	21.55	/	/	<=33.01	Pass
		Edge_1RB_Right	20.70	/	/	21.80	/	/	<=33.01	Pass
		Outer_Full	20.62	/	/	21.72	/	/	<=33.01	Pass
		Inner_Full	22.12	/	/	23.22	/	/	<=33.01	Pass
		Inner_1RB_Left	21.96	/	/	23.06	/	/	<=33.01	Pass

		Inner 1RB Right	22.14	/	/	23.24	/	/	<=33.01	Pass
CP-OFDM 16 QAM	1860	Edge 1RB Left	20.31	/	/	21.41	/	/	<=33.01	Pass
		Edge 1RB Right	20.14	/	/	21.24	/	/	<=33.01	Pass
		Outer Full	18.63	/	/	19.73	/	/	<=33.01	Pass
		Inner Full	21.14	/	/	22.24	/	/	<=33.01	Pass
		Inner 1RB Left	21.37	/	/	22.47	/	/	<=33.01	Pass
		Inner 1RB Right	21.11	/	/	22.21	/	/	<=33.01	Pass
	1882.5	Edge 1RB Left	20.19	/	/	21.29	/	/	<=33.01	Pass
		Edge 1RB Right	20.32	/	/	21.42	/	/	<=33.01	Pass
		Outer Full	18.78	/	/	19.88	/	/	<=33.01	Pass
		Inner Full	21.42	/	/	22.52	/	/	<=33.01	Pass
		Inner 1RB Left	21.28	/	/	22.38	/	/	<=33.01	Pass
		Inner 1RB Right	21.30	/	/	22.40	/	/	<=33.01	Pass
	1905	Edge 1RB Left	20.46	/	/	21.56	/	/	<=33.01	Pass
		Edge 1RB Right	20.68	/	/	21.78	/	/	<=33.01	Pass
		Outer Full	19.05	/	/	20.15	/	/	<=33.01	Pass
		Inner Full	21.69	/	/	22.79	/	/	<=33.01	Pass
		Inner 1RB Left	21.39	/	/	22.49	/	/	<=33.01	Pass
		Inner 1RB Right	21.71	/	/	22.81	/	/	<=33.01	Pass
CP-OFDM 64 QAM	1860	Edge 1RB Left	19.89	/	/	20.99	/	/	<=33.01	Pass
		Edge 1RB Right	19.68	/	/	20.78	/	/	<=33.01	Pass
		Outer Full	18.12	/	/	19.22	/	/	<=33.01	Pass
		Inner Full	19.59	/	/	20.69	/	/	<=33.01	Pass
		Inner 1RB Left	19.89	/	/	20.99	/	/	<=33.01	Pass
		Inner 1RB Right	19.63	/	/	20.73	/	/	<=33.01	Pass
	1882.5	Edge 1RB Left	19.79	/	/	20.89	/	/	<=33.01	Pass
		Edge 1RB Right	19.88	/	/	20.98	/	/	<=33.01	Pass
		Outer Full	18.32	/	/	19.42	/	/	<=33.01	Pass
		Inner Full	19.91	/	/	21.01	/	/	<=33.01	Pass
		Inner 1RB Left	19.79	/	/	20.89	/	/	<=33.01	Pass
		Inner 1RB Right	19.85	/	/	20.95	/	/	<=33.01	Pass
	1905	Edge 1RB Left	20.01	/	/	21.11	/	/	<=33.01	Pass
		Edge 1RB Right	20.22	/	/	21.32	/	/	<=33.01	Pass
		Outer Full	18.62	/	/	19.72	/	/	<=33.01	Pass
		Inner Full	20.06	/	/	21.16	/	/	<=33.01	Pass
		Inner 1RB Left	19.98	/	/	21.08	/	/	<=33.01	Pass
		Inner 1RB Right	20.20	/	/	21.30	/	/	<=33.01	Pass
CP-OFDM 256 QAM	1860	Edge 1RB Left	16.60	/	/	17.70	/	/	<=33.01	Pass
		Edge 1RB Right	16.45	/	/	17.55	/	/	<=33.01	Pass
		Outer Full	16.68	/	/	17.78	/	/	<=33.01	Pass
		Inner Full	16.50	/	/	17.60	/	/	<=33.01	Pass
		Inner 1RB Left	16.64	/	/	17.74	/	/	<=33.01	Pass
		Inner 1RB Right	16.39	/	/	17.49	/	/	<=33.01	Pass
	1882.5	Edge 1RB Left	16.47	/	/	17.57	/	/	<=33.01	Pass
		Edge 1RB Right	16.49	/	/	17.59	/	/	<=33.01	Pass
		Outer Full	16.87	/	/	17.97	/	/	<=33.01	Pass
		Inner Full	16.78	/	/	17.88	/	/	<=33.01	Pass
		Inner 1RB Left	16.50	/	/	17.60	/	/	<=33.01	Pass
		Inner 1RB Right	16.53	/	/	17.63	/	/	<=33.01	Pass
	1905	Edge 1RB Left	16.79	/	/	17.89	/	/	<=33.01	Pass
		Edge 1RB Right	17.00	/	/	18.10	/	/	<=33.01	Pass
		Outer Full	17.04	/	/	18.14	/	/	<=33.01	Pass
		Inner Full	17.09	/	/	18.19	/	/	<=33.01	Pass



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		Inner_1RB_Left	16.72	/	/	17.82	/	/	<=33.01	Pass
		Inner_1RB_Right	16.99	/	/	18.09	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant1: 1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_20M

5G NR n25 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	6.80	0.0036	>=-2.5 & <=2.5	Pass
				HV	7.10	0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-0.80	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	3.90	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	6.20	0.0033	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0033	>=-2.5 & <=2.5	Pass
			10	NV	7.60	0.0040	>=-2.5 & <=2.5	Pass
			20	NV	9.60	0.0051	>=-2.5 & <=2.5	Pass
			30	NV	10.90	0.0058	>=-2.5 & <=2.5	Pass
			40	NV	8.30	0.0044	>=-2.5 & <=2.5	Pass
			50	NV	5.90	0.0031	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1882.5	Outer_Full	4.51	5.05	/	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	4.48	4.96	/	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	4.52	5.05	/	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	4.50	5.02	/	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	4.50	5.02	/	Pass
CP-OFDM QPSK	1882.5	Outer_Full	4.52	5.05	/	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	4.52	5.05	/	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	4.51	5.06	/	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	4.51	5.04	/	Pass



3.1.2 15_S_10M_NTNV

5G NR n25 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1882.5	Outer_Full	8.91	9.48	/	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	8.93	9.60	/	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	8.93	9.60	/	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	8.95	9.56	/	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	8.91	9.57	/	Pass
CP-OFDM QPSK	1882.5	Outer_Full	9.30	10.04	/	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	9.31	9.95	/	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	9.28	9.92	/	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	9.30	9.93	/	Pass

3.1.3 15_S_15M_NTNV

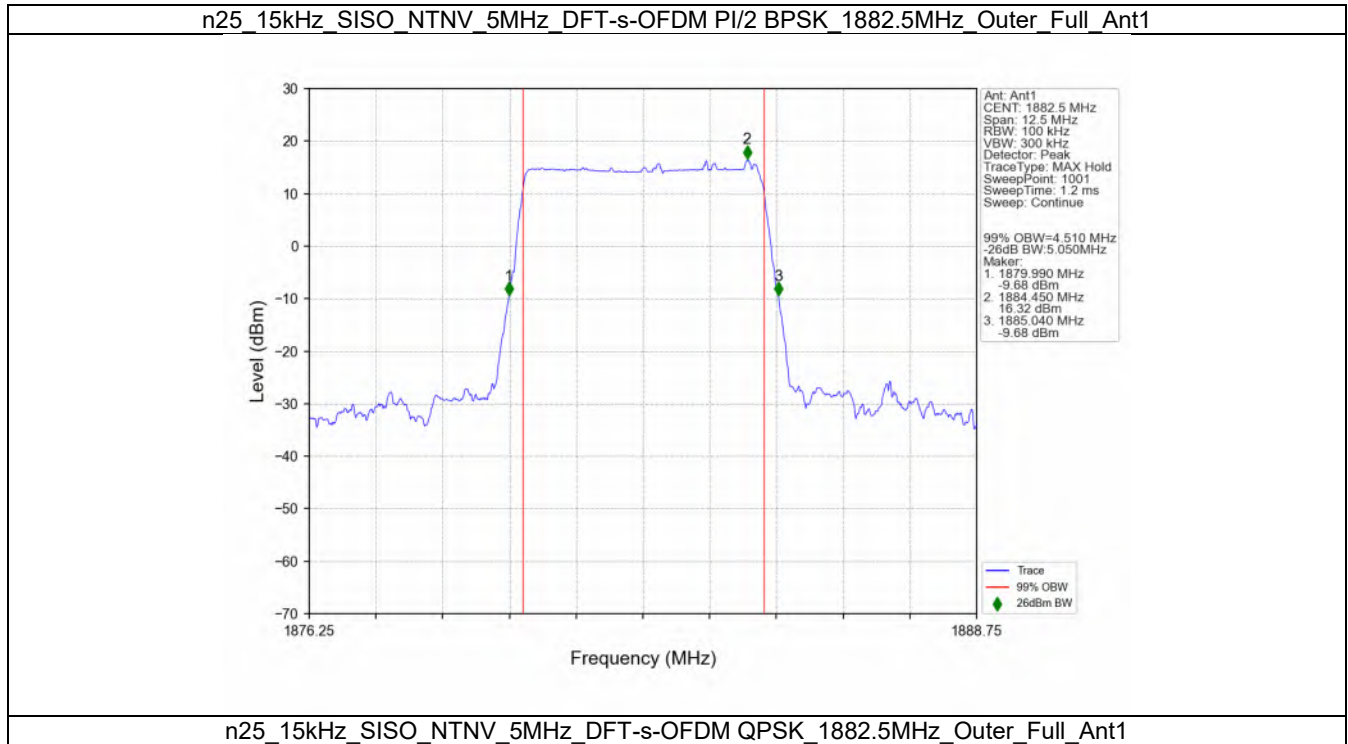
5G NR n25 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1882.5	Outer_Full	13.43	14.28	/	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	13.44	14.32	/	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	13.46	14.30	/	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	13.44	14.30	/	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	13.46	14.24	/	Pass
CP-OFDM QPSK	1882.5	Outer_Full	14.13	14.99	/	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	14.13	14.97	/	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	14.14	14.94	/	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	14.13	14.93	/	Pass

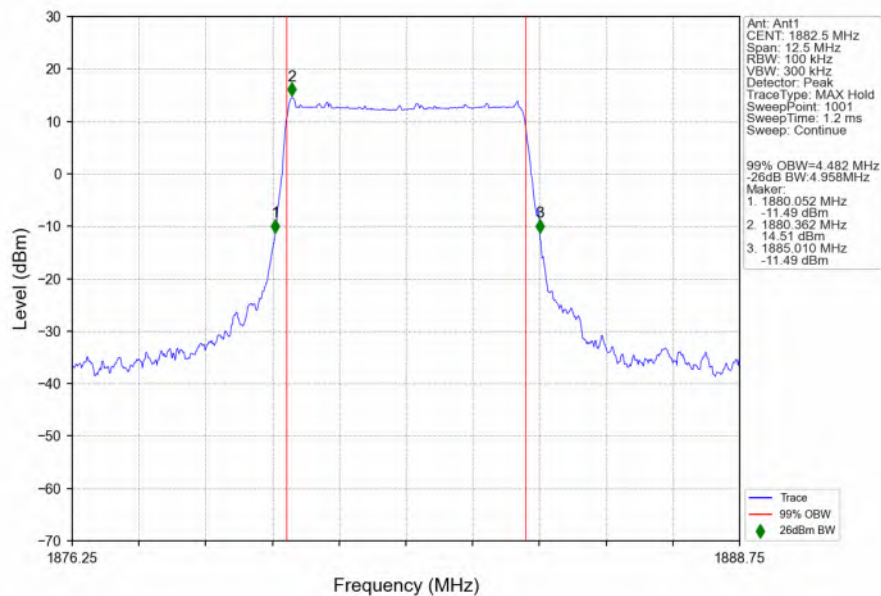
3.1.4 15_S_20M_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1882.5	Outer_Full	17.95	18.72	/	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	17.87	18.80	/	Pass
DFT-s-OFDM 16 QAM	1882.5	Outer_Full	17.86	18.81	/	Pass
DFT-s-OFDM 64 QAM	1882.5	Outer_Full	17.91	18.79	/	Pass
DFT-s-OFDM 256 QAM	1882.5	Outer_Full	17.87	18.78	/	Pass
CP-OFDM QPSK	1882.5	Outer_Full	18.90	19.91	/	Pass
CP-OFDM 16 QAM	1882.5	Outer_Full	18.93	19.83	/	Pass
CP-OFDM 64 QAM	1882.5	Outer_Full	18.93	19.82	/	Pass
CP-OFDM 256 QAM	1882.5	Outer_Full	18.95	19.85	/	Pass

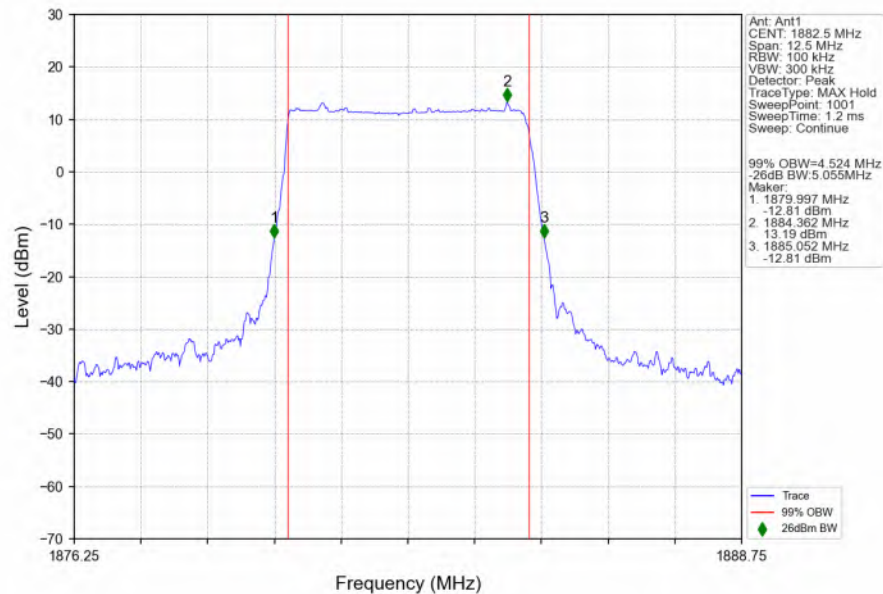
3.2 Test Graph

3.2.1 15_S_5M_NTNV

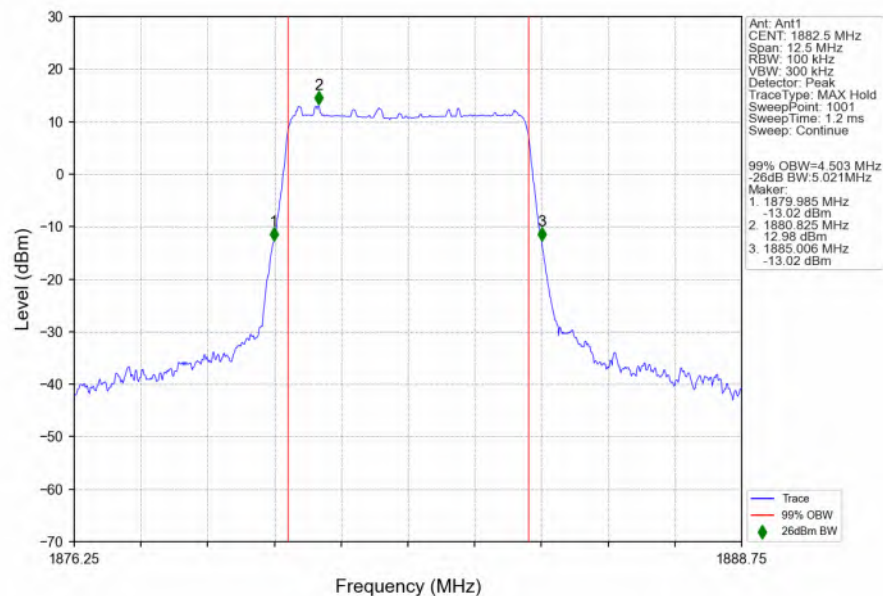




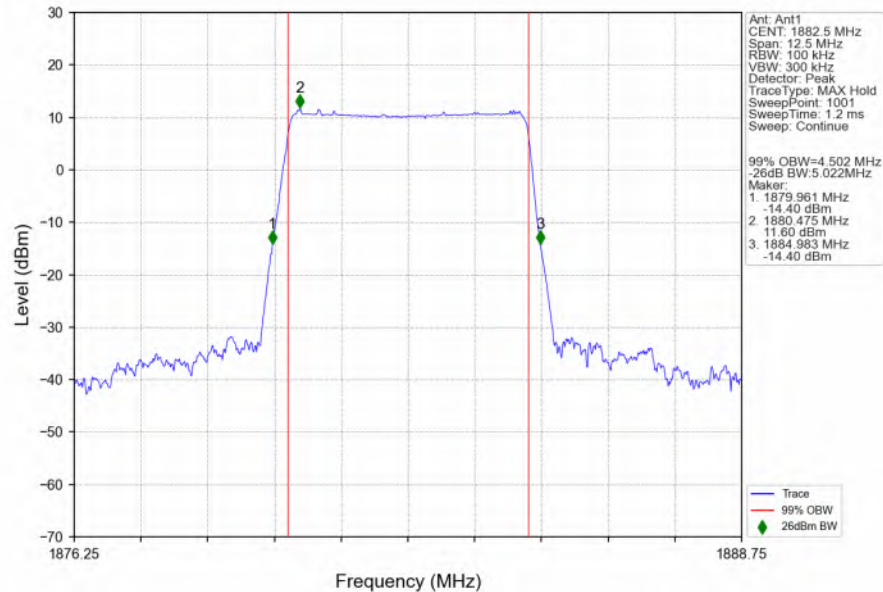
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1882.5MHz_Outer_Full_Ant1



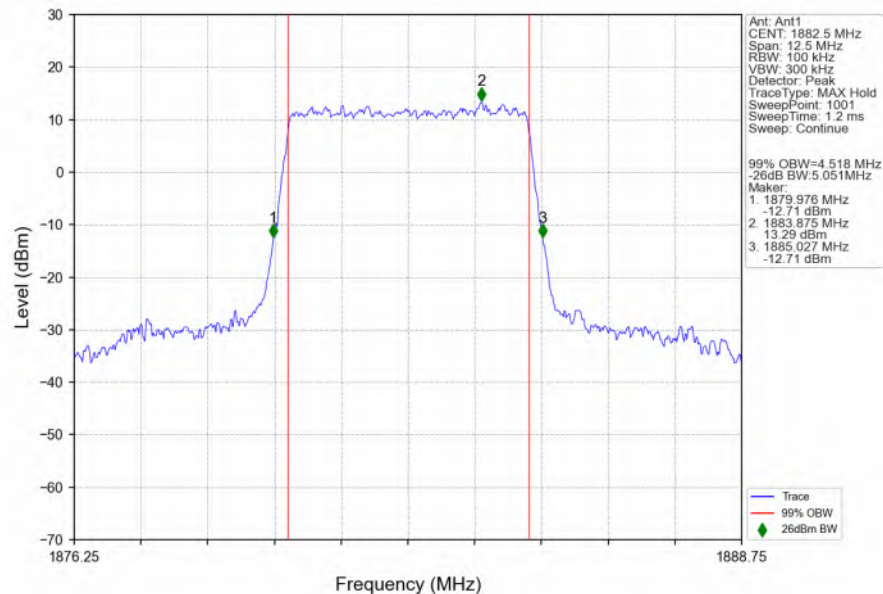
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1882.5MHz_Outer_Full_Ant1



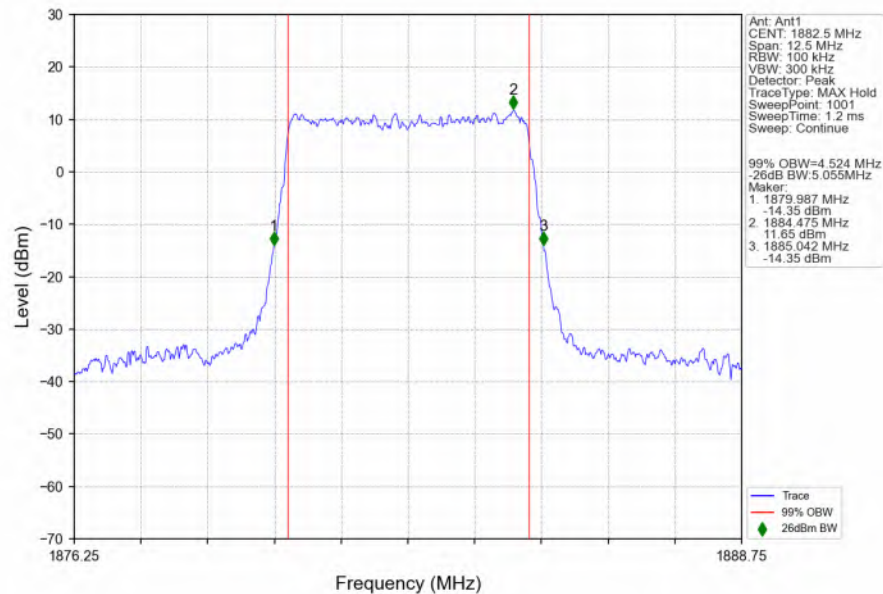
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



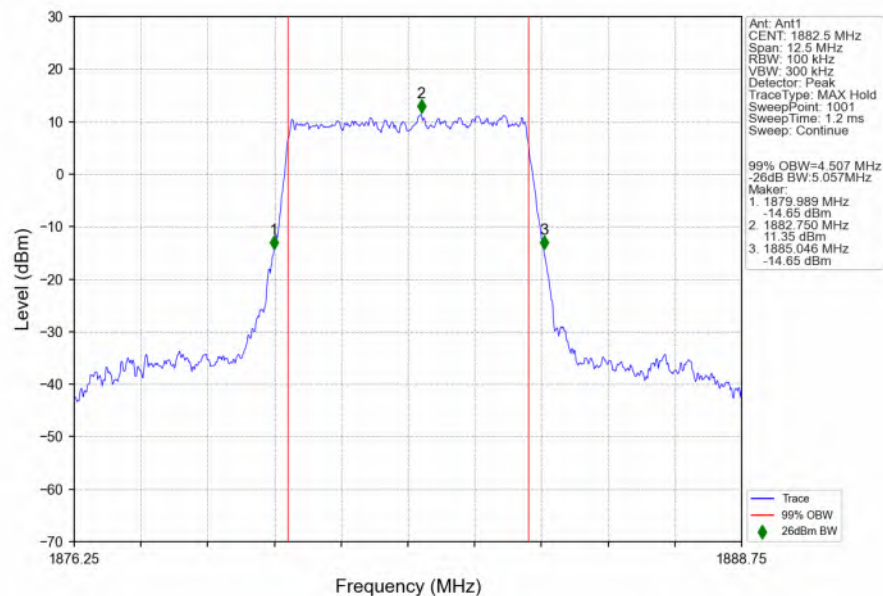
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



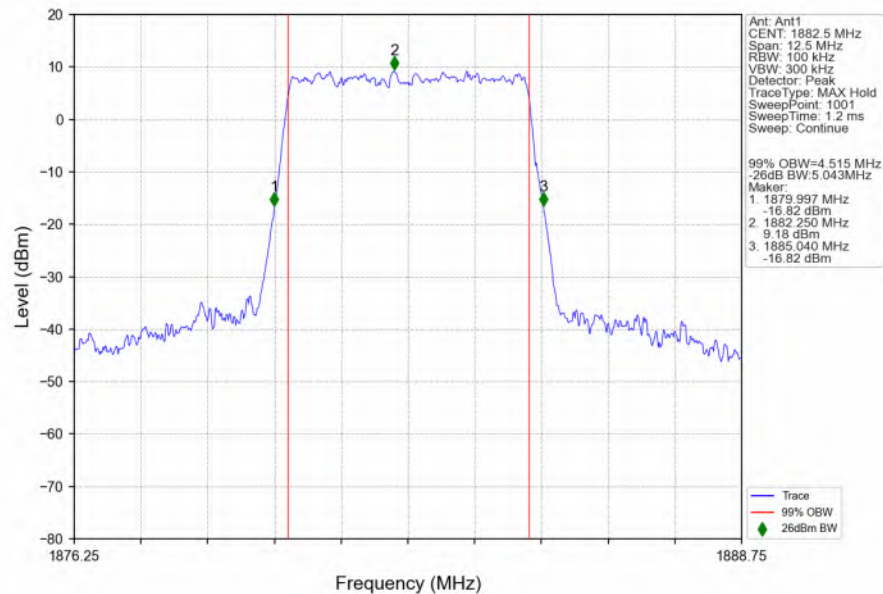
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



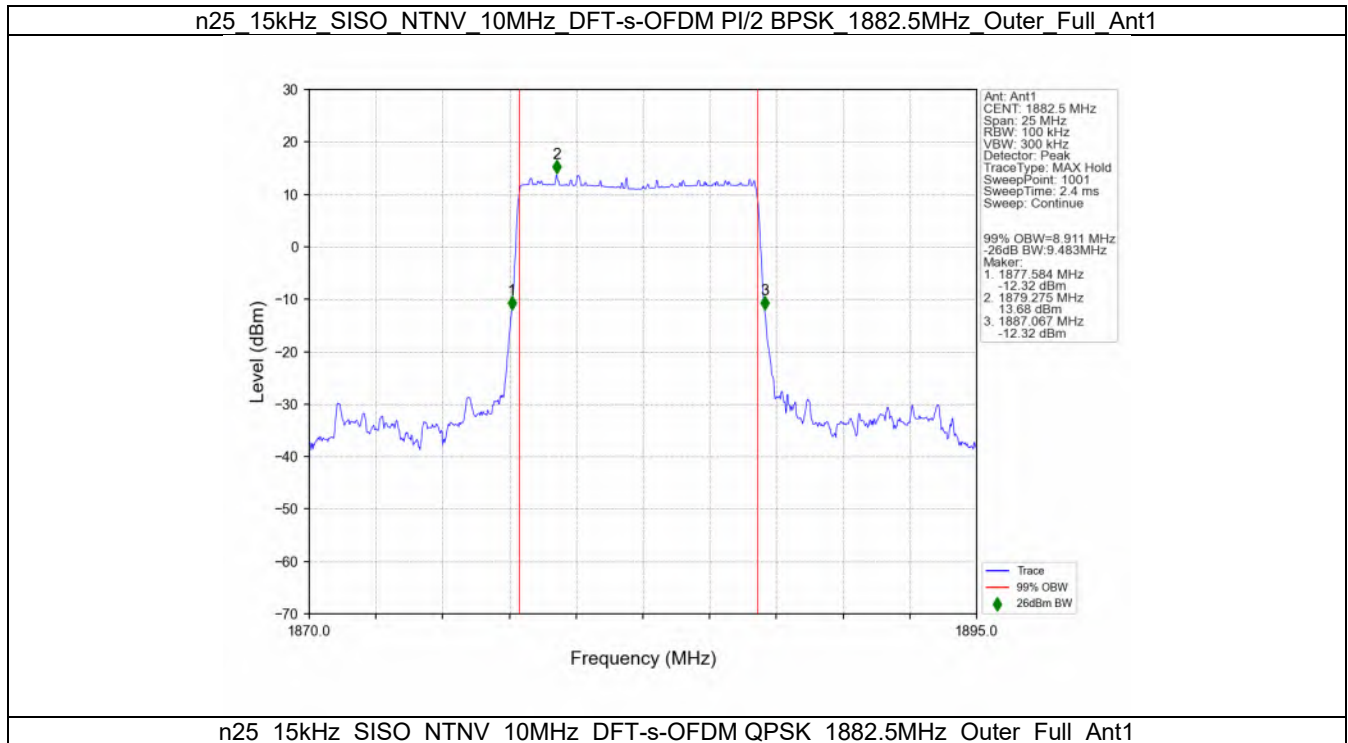
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1

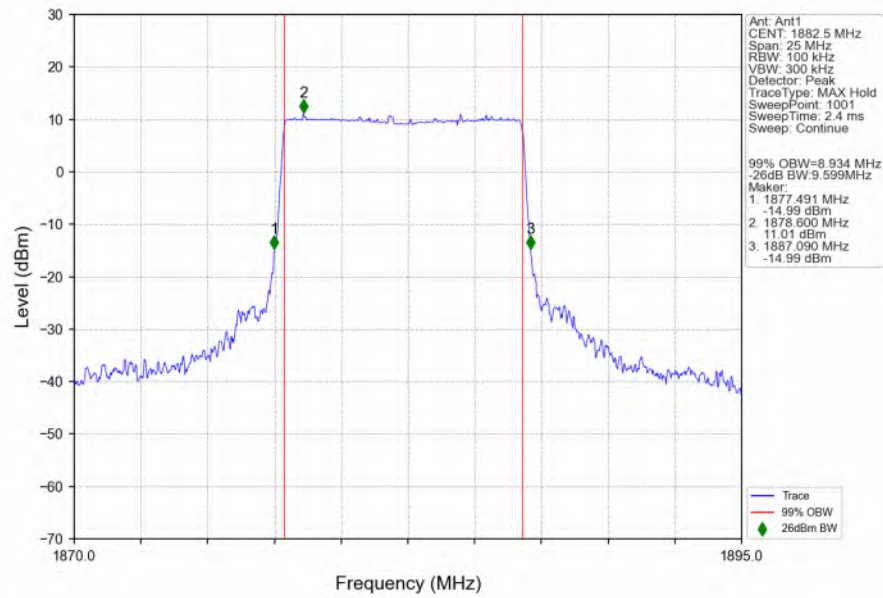


n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant1

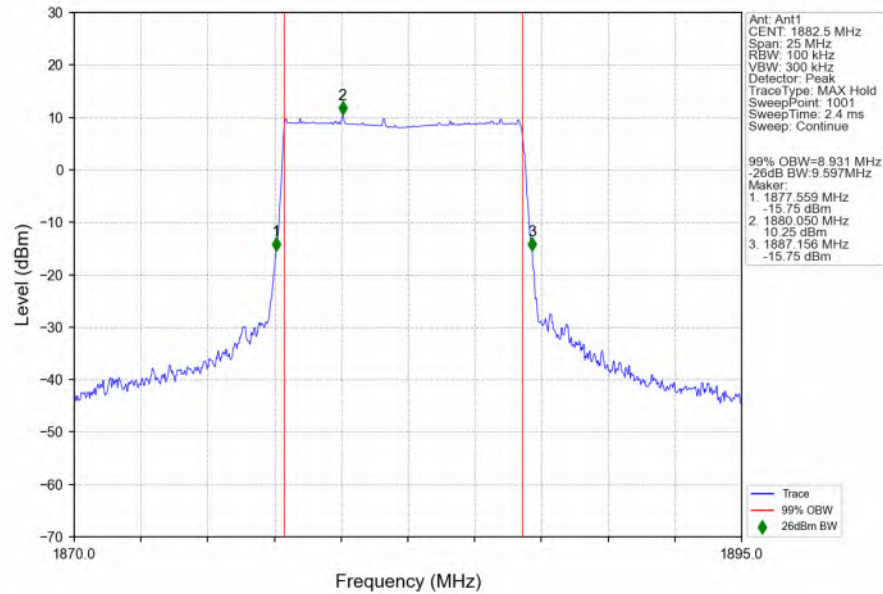


3.2.2 15_S_10M_NTNV

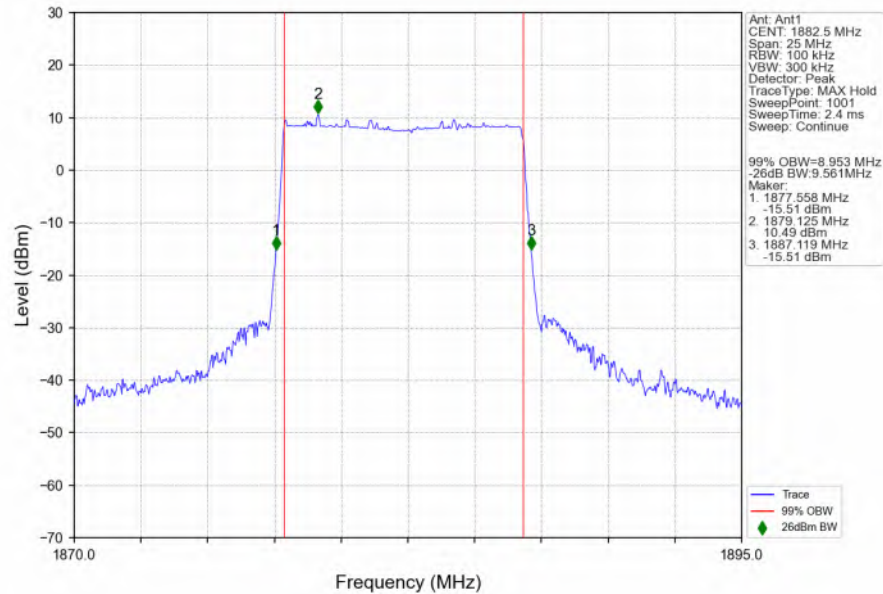




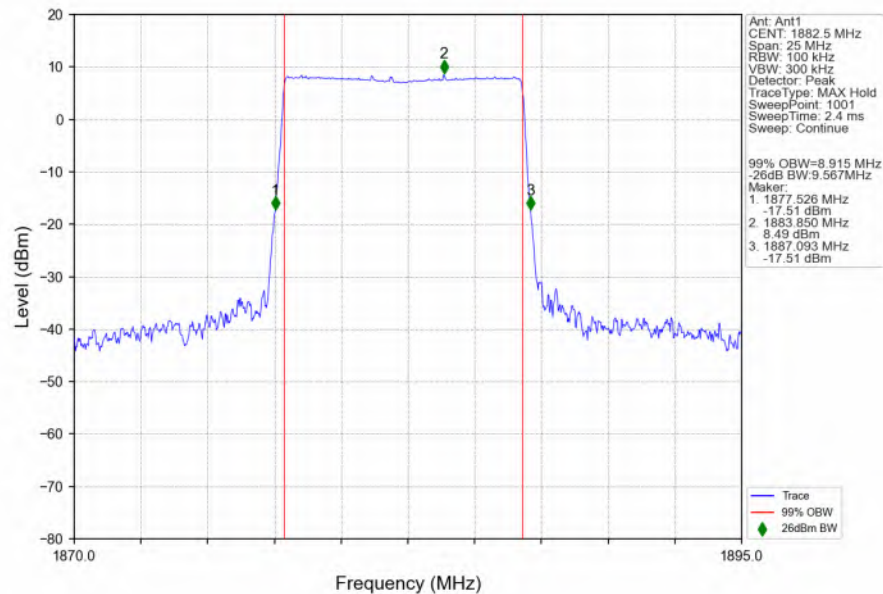
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16 QAM_1882.5MHz_Outer_Full_Ant1



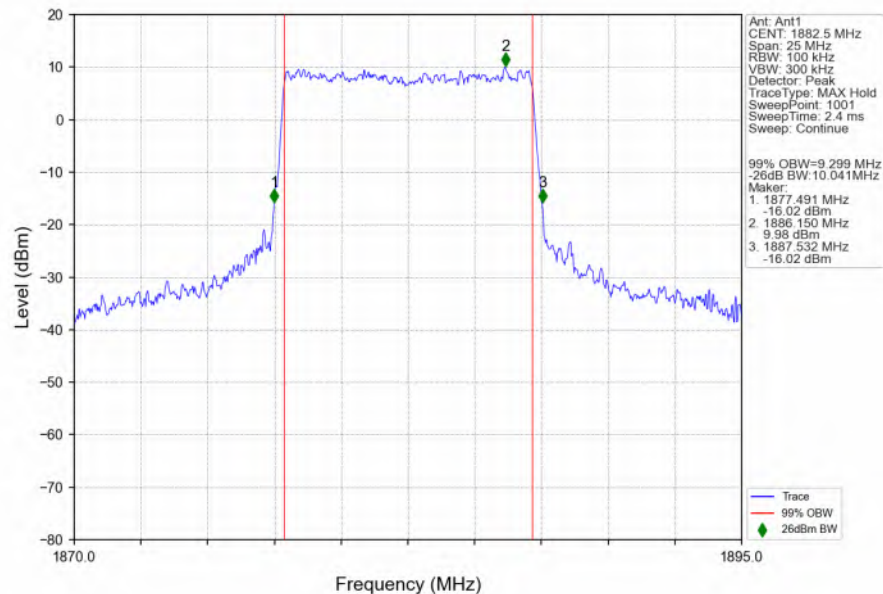
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64 QAM_1882.5MHz_Outer_Full_Ant1



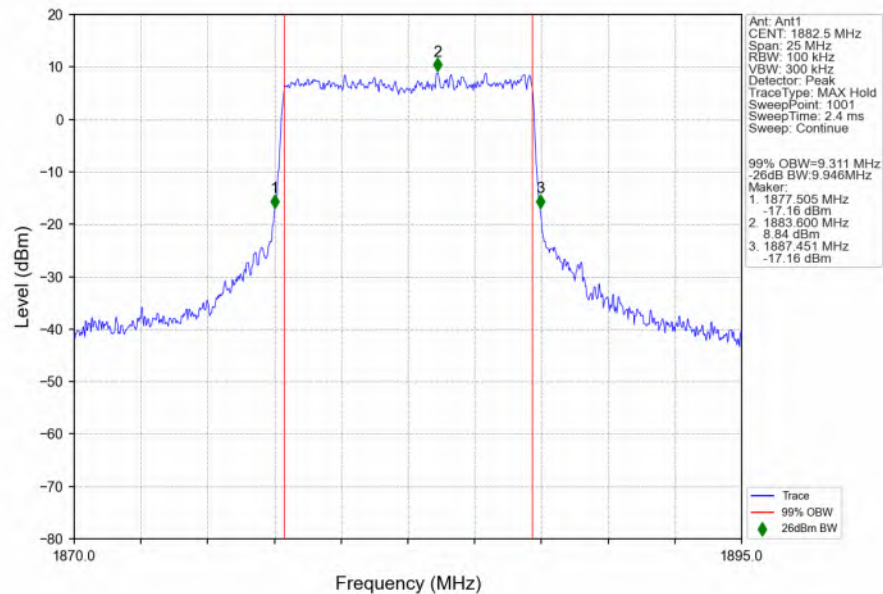
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



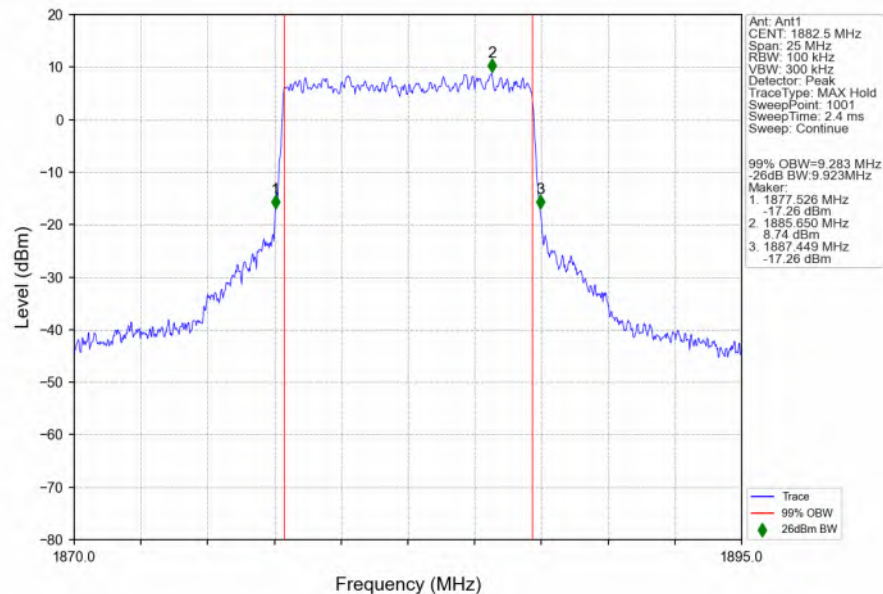
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



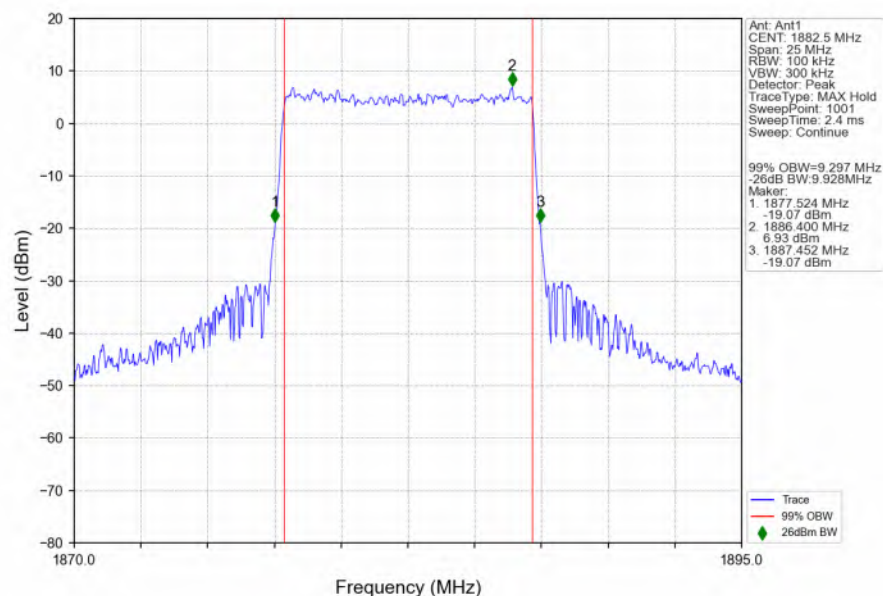
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



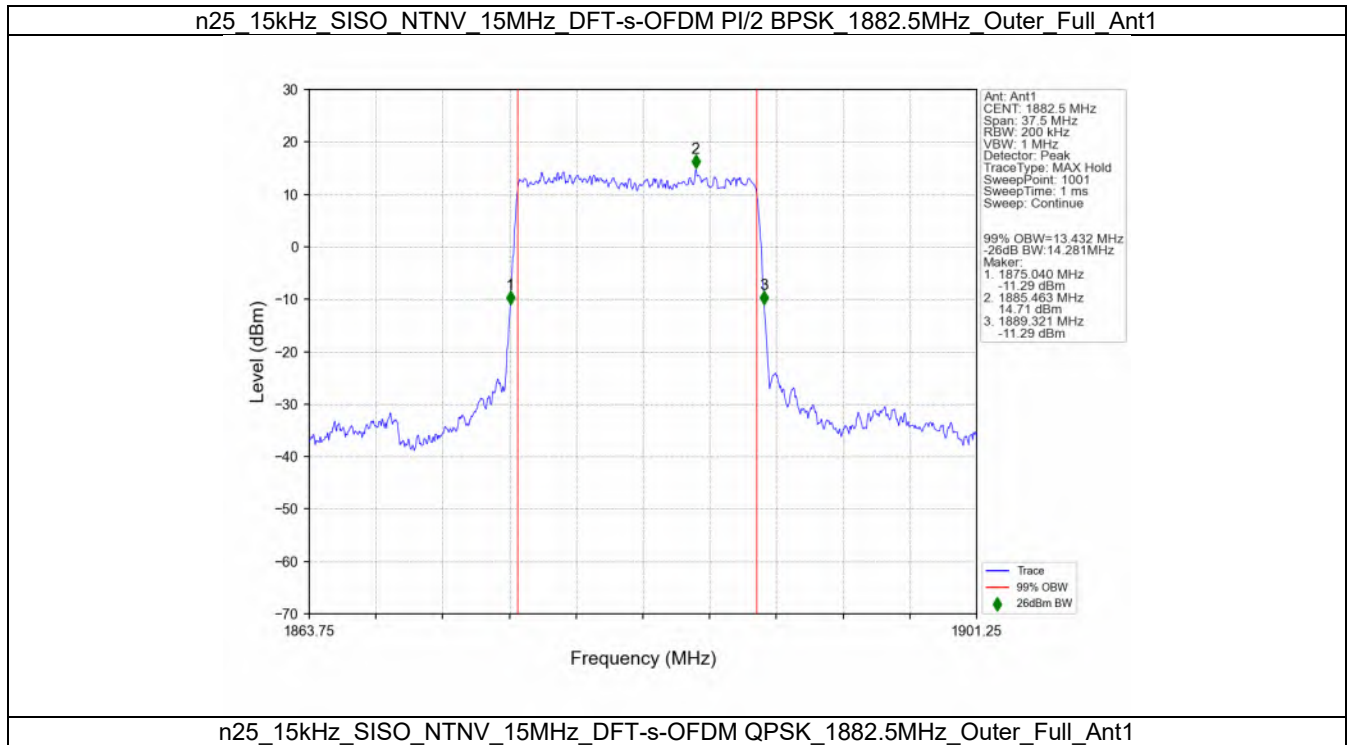
n25_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1

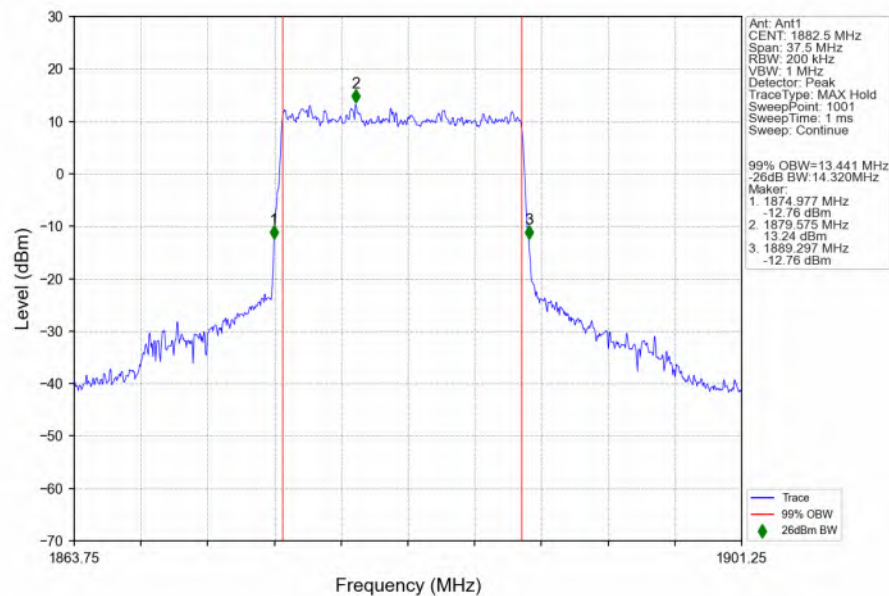


n25_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant1

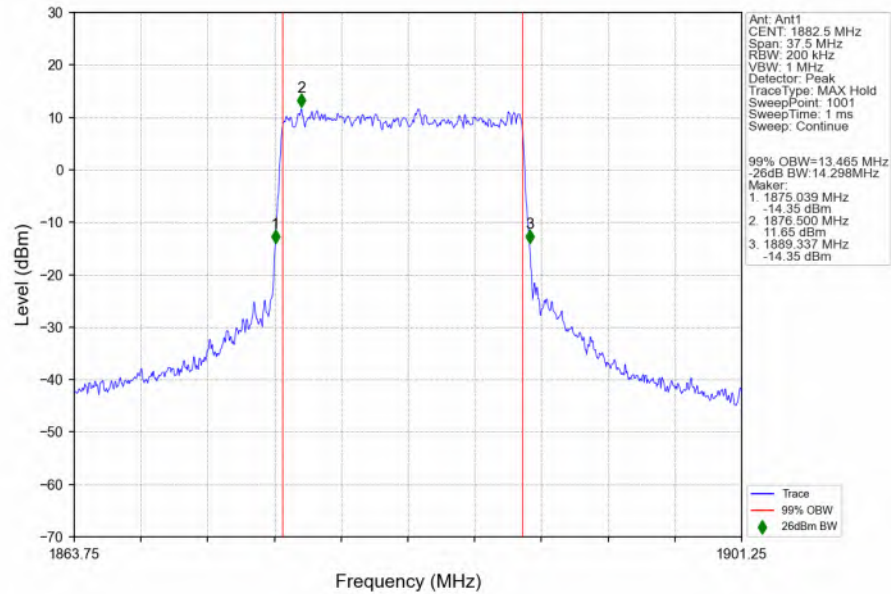


3.2.3 15_S_15M_NTNV

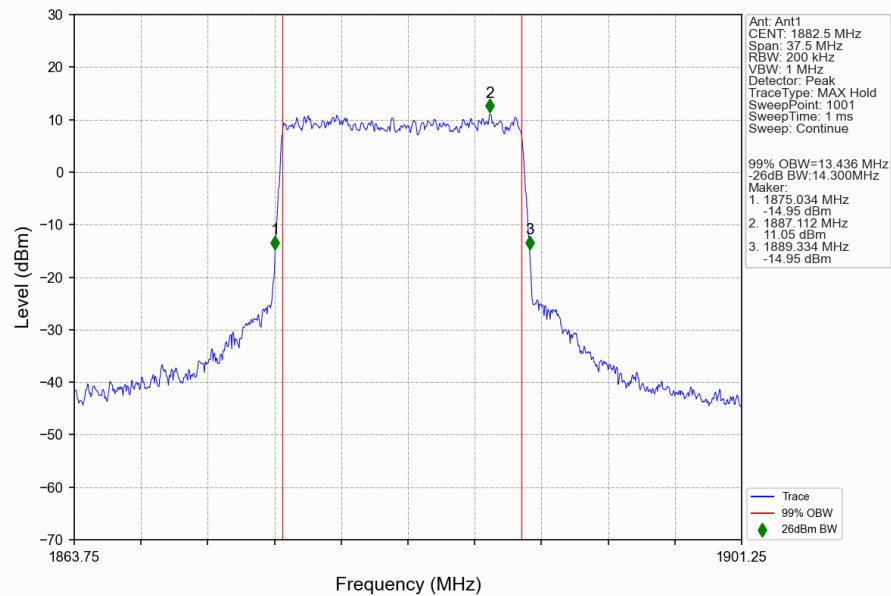




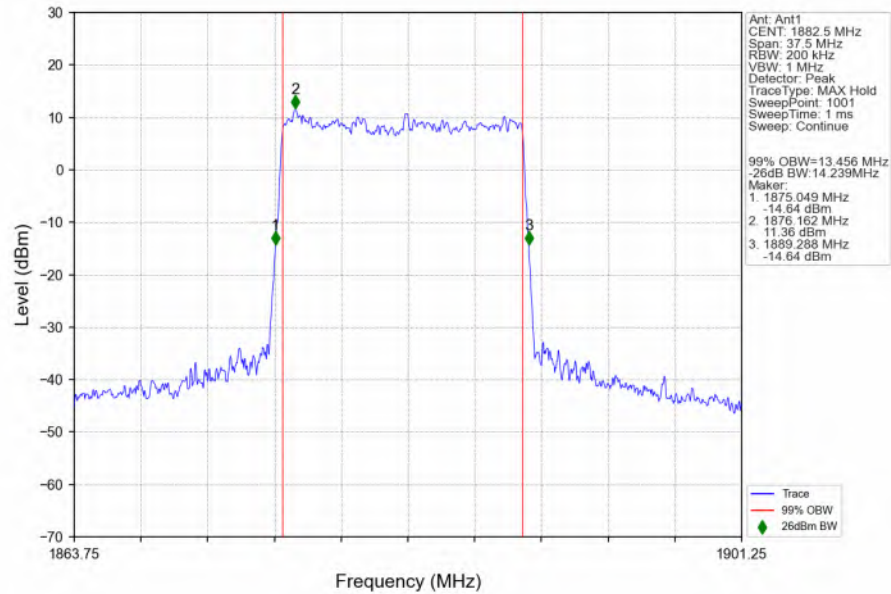
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



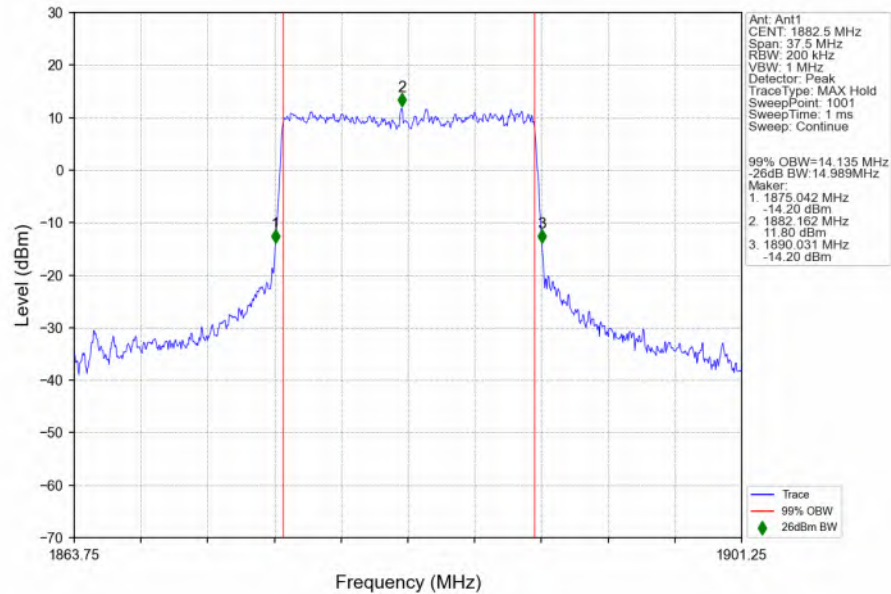
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



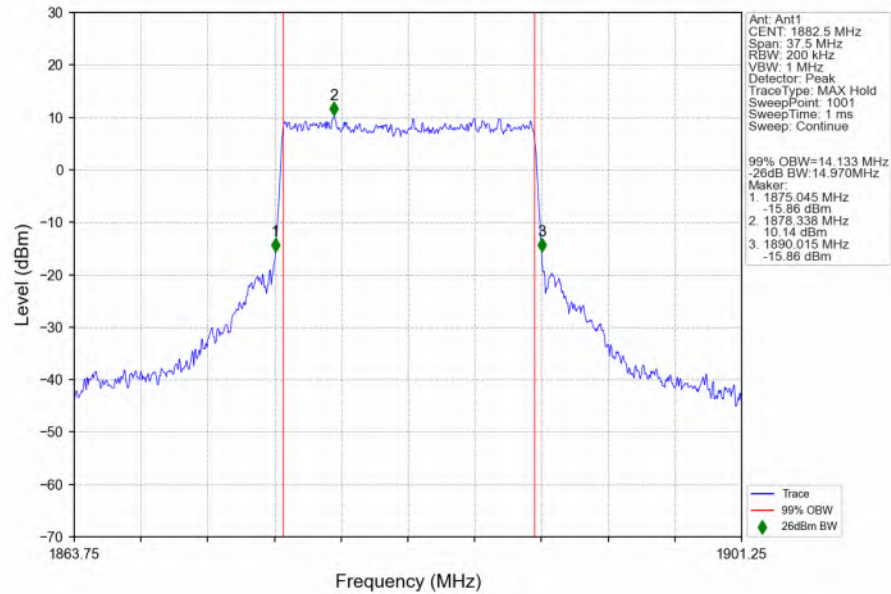
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



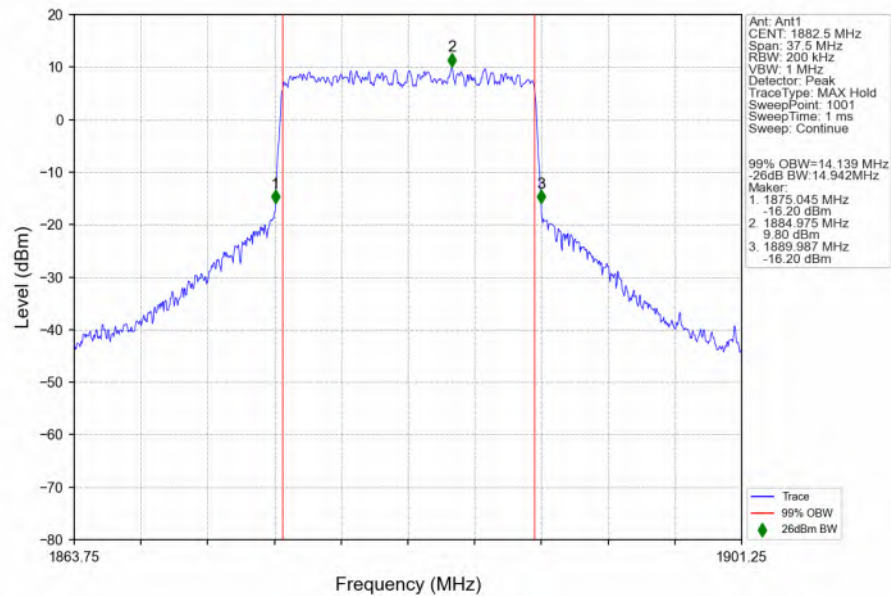
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



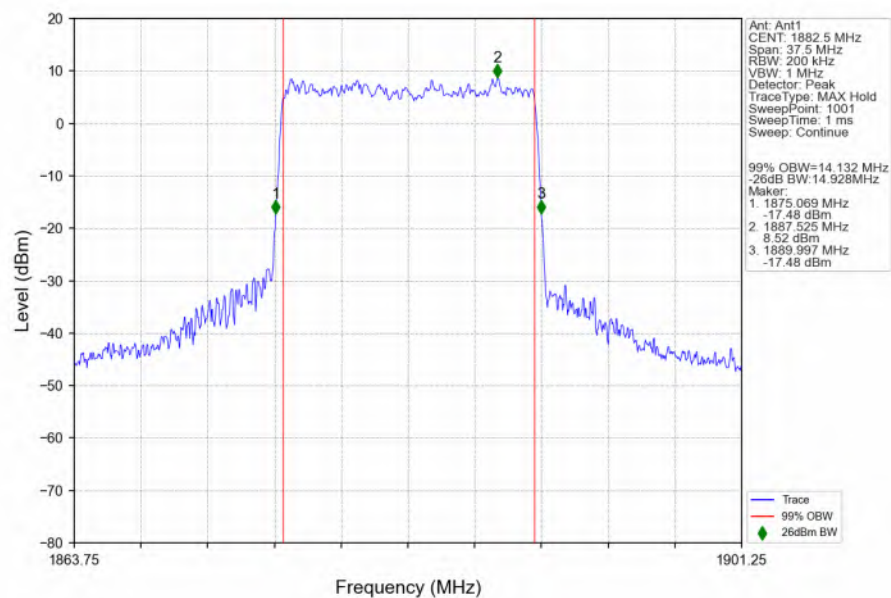
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



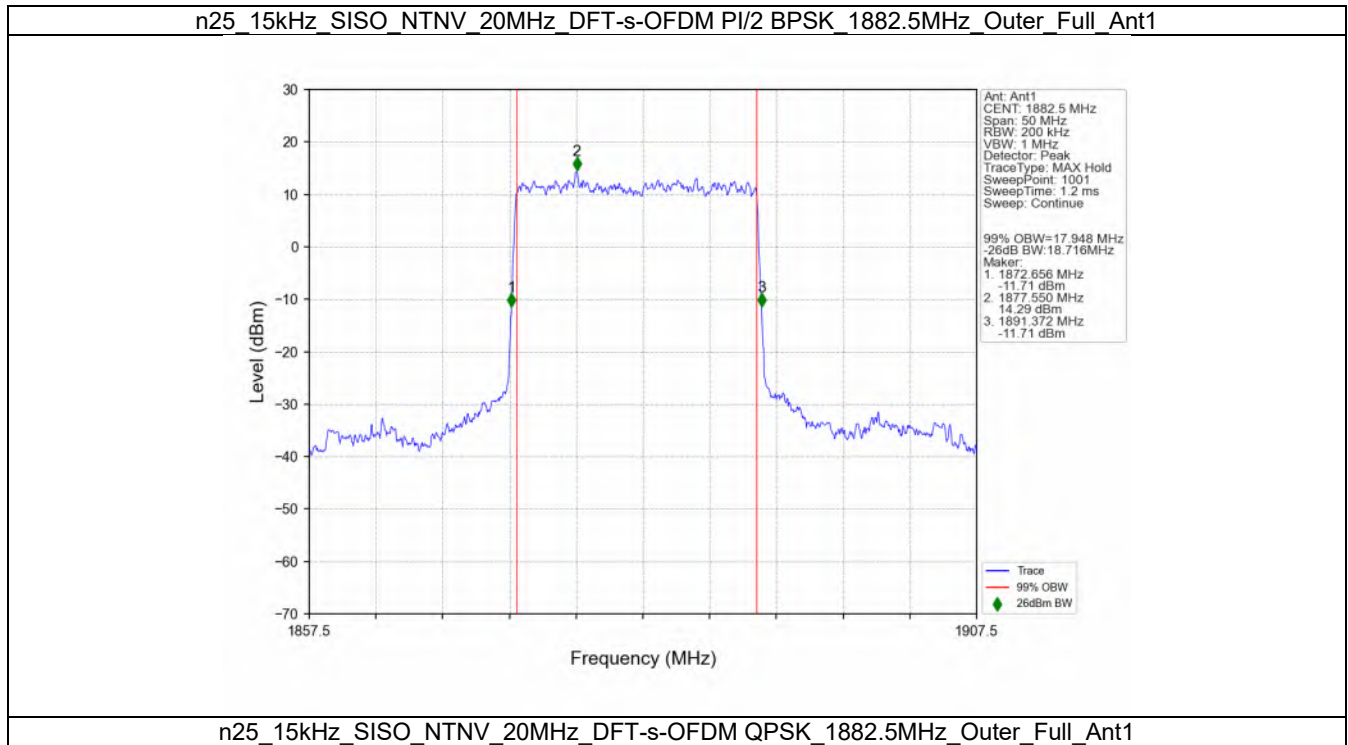
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1

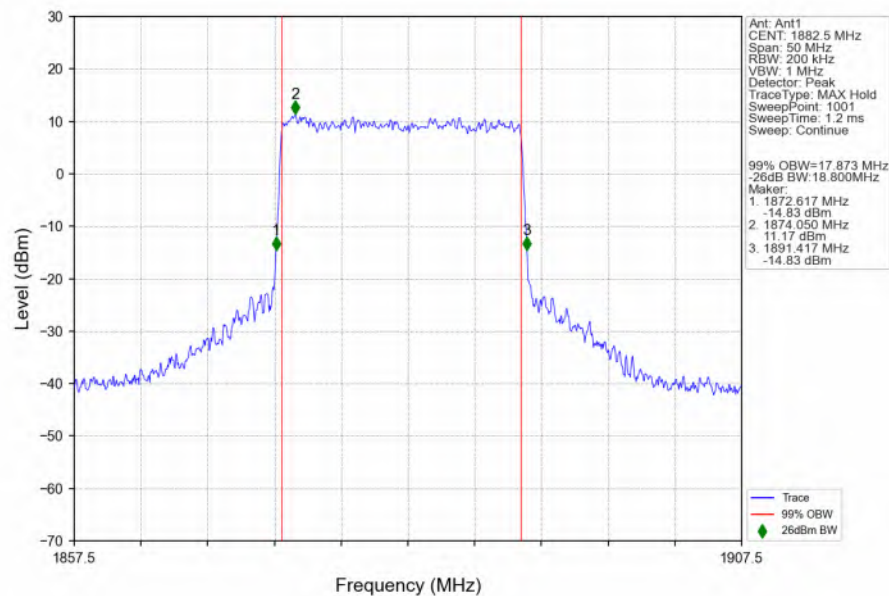


n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant1

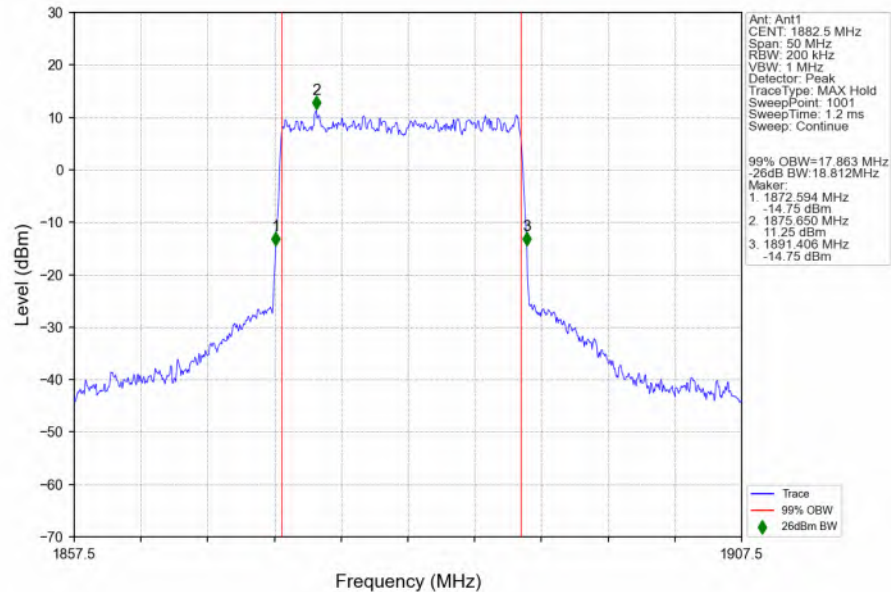


3.2.4 15_S_20M_NTNV

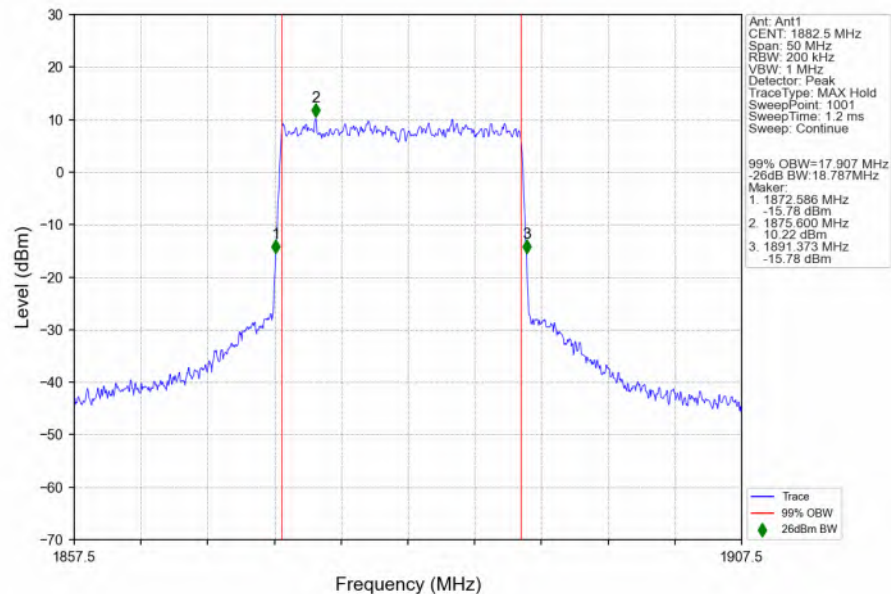




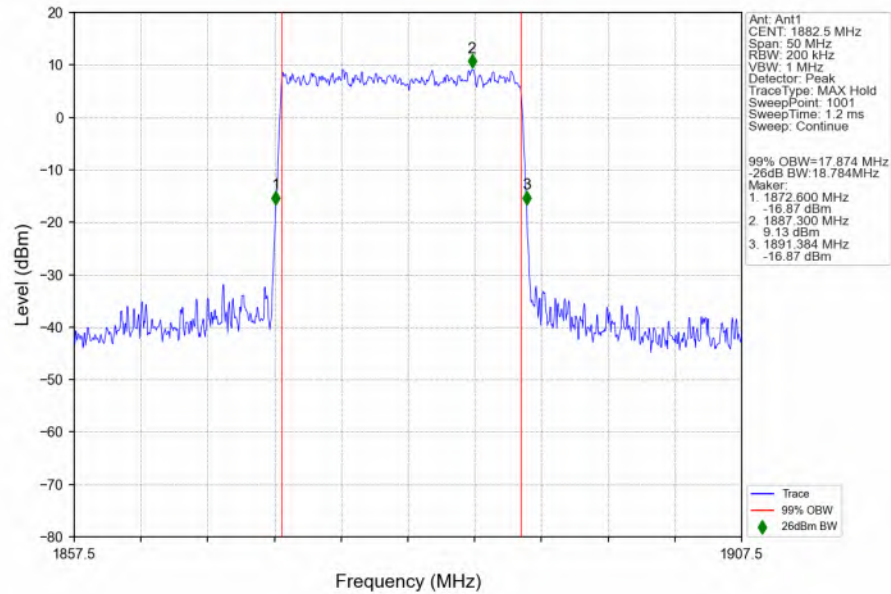
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



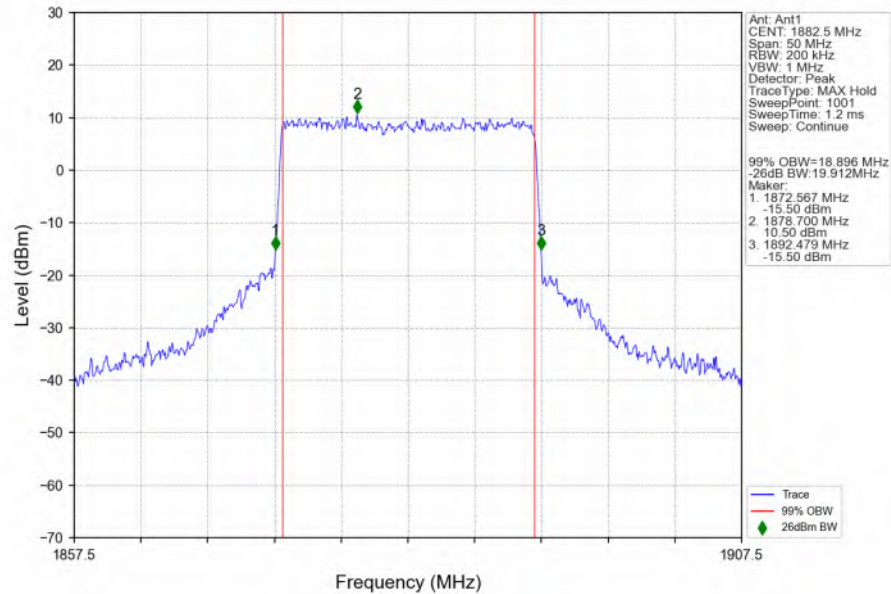
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



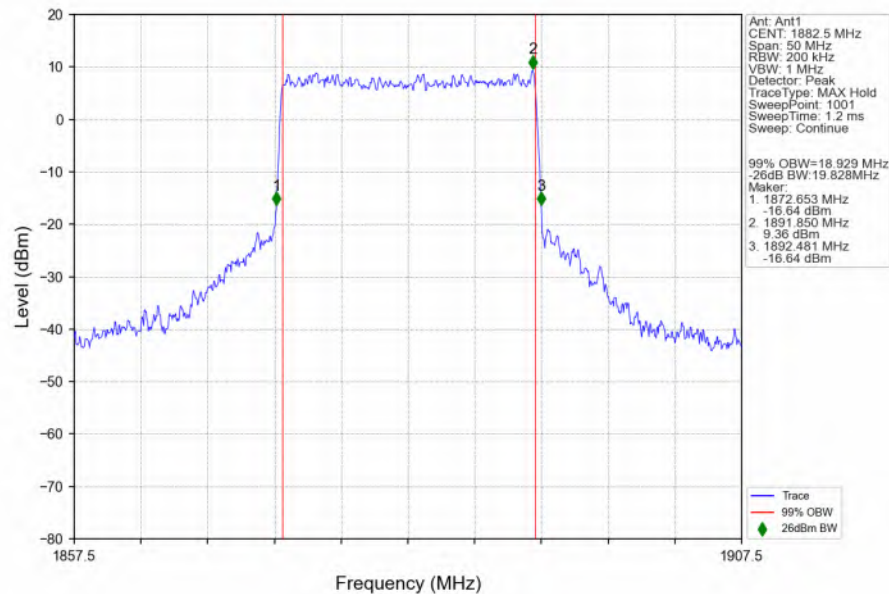
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1882.5MHz_Outer_Full_Ant1



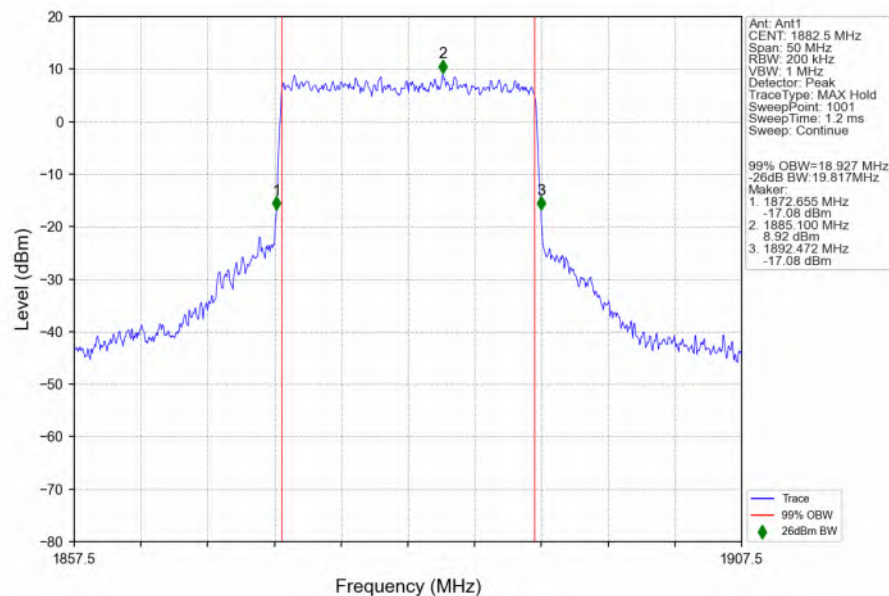
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1882.5MHz_Outer_Full_Ant1



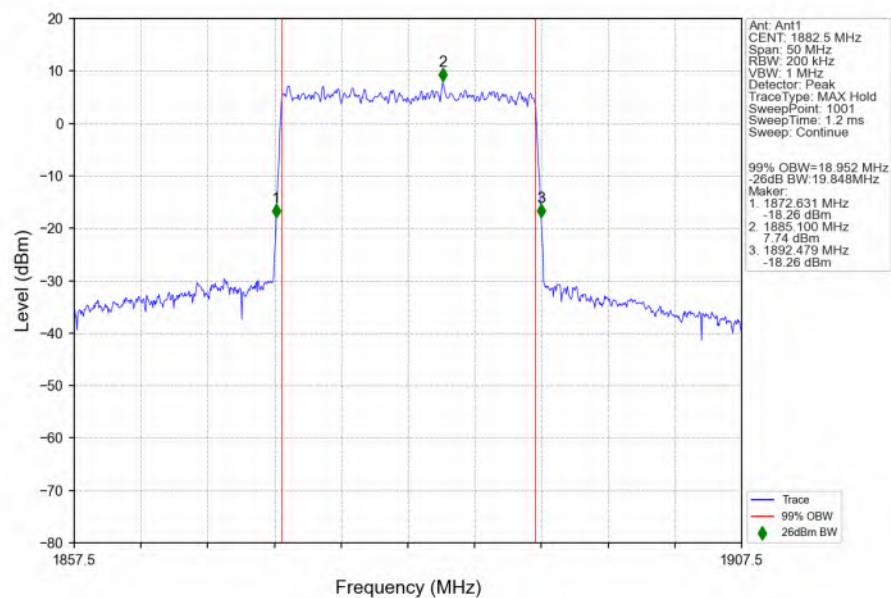
n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1882.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1882.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant1





4. Peak-Average Ratio

4.1 Test Result

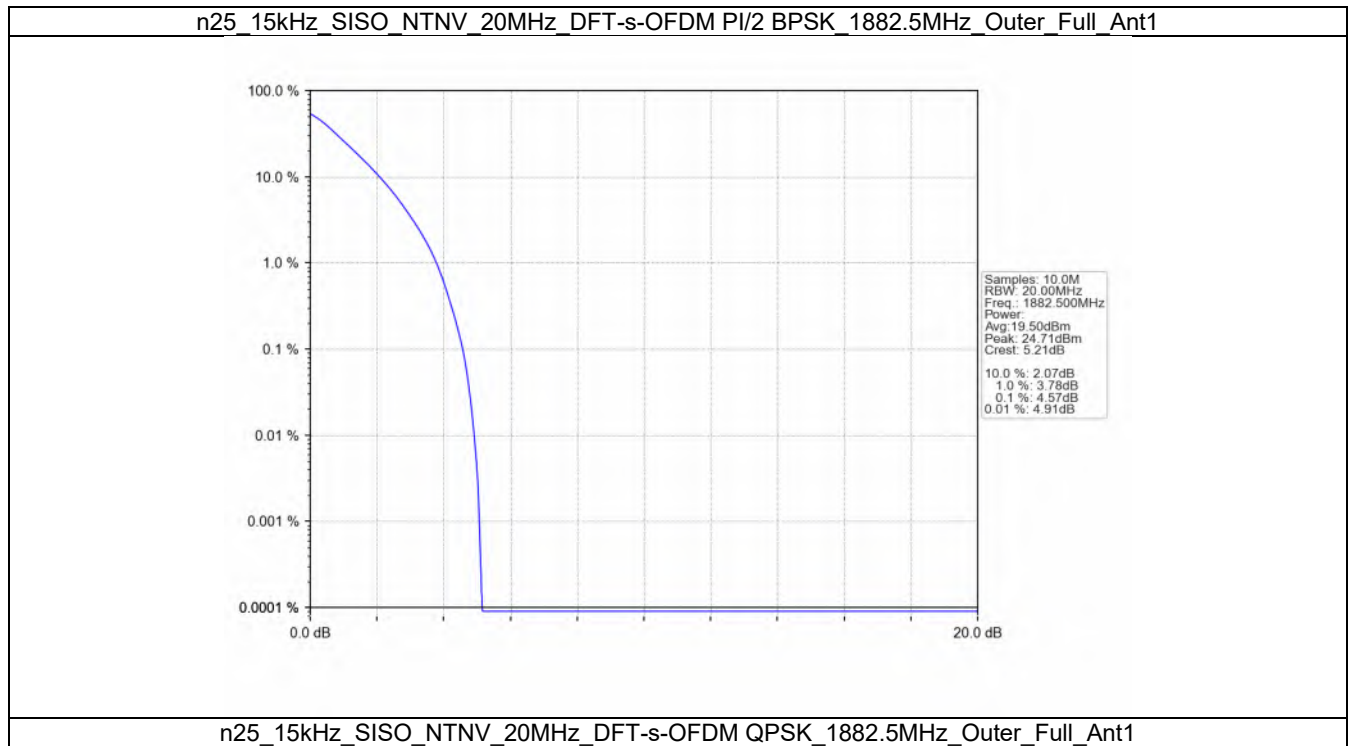
4.1.1 15_S_20M_NTNV

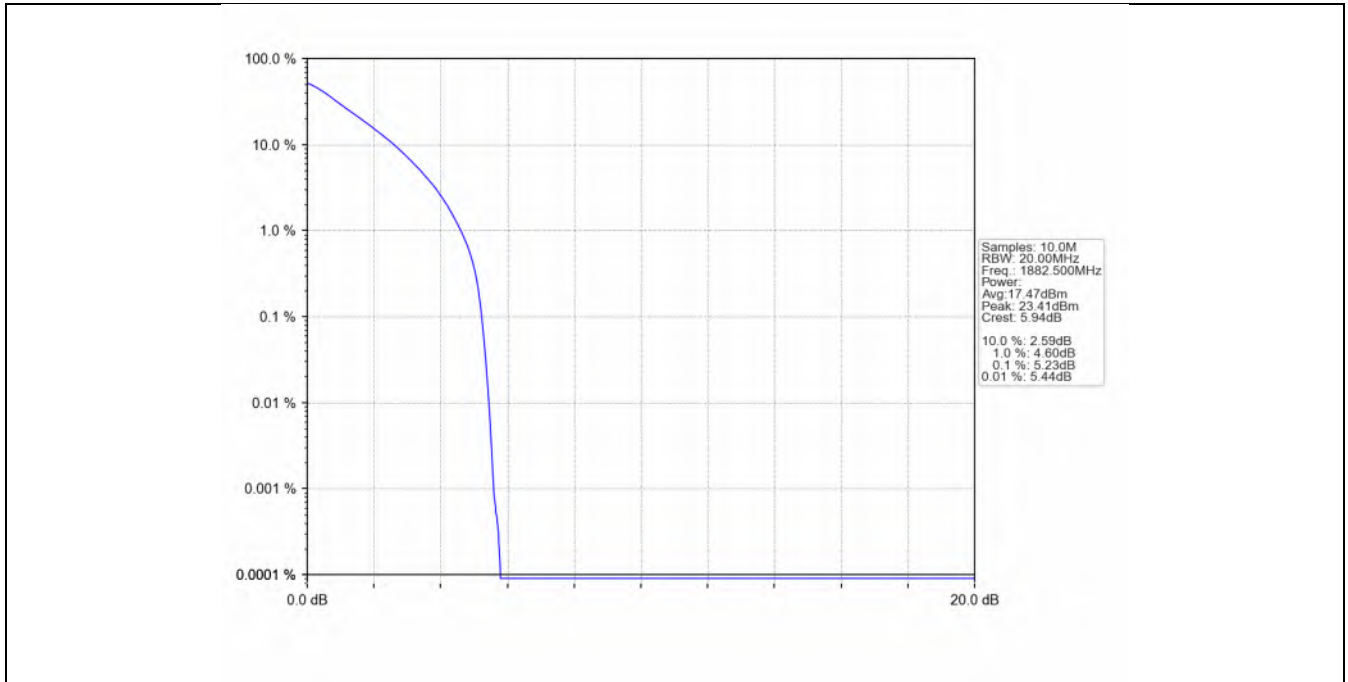
5G NR n25 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1882.5	Outer_Full	4.57	/	/	<=13	Pass
DFT-s-OFDM QPSK	1882.5	Outer_Full	5.23	/	/	<=13	Pass
CP-OFDM QPSK	1882.5	Outer_Full	7.15	/	/	<=13	Pass



4.2 Test Graph

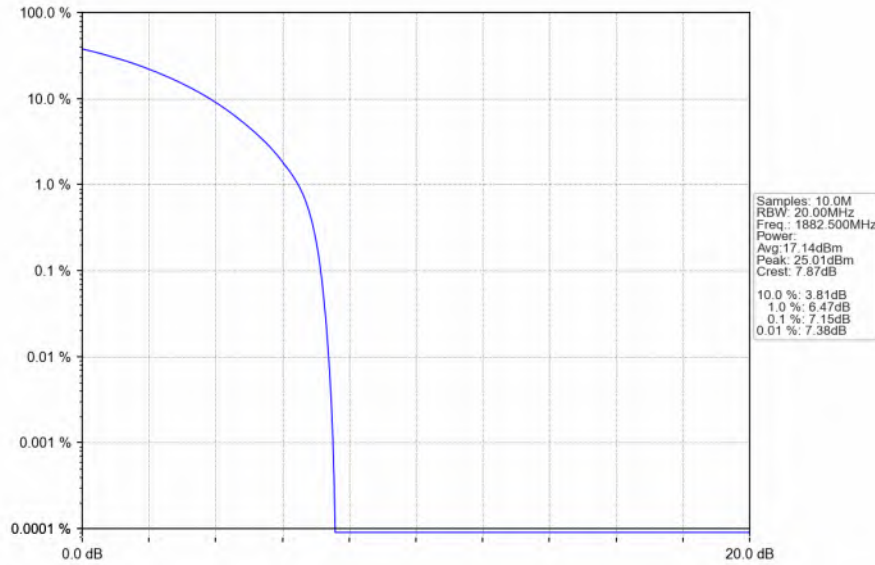
4.2.1 15_S_20M_NTNV







n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1882.5MHz_Outer_Full_Ant1





5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1912.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1912.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1912.5	Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_15M_NTNV

5G NR n25 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1907.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1857.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1907.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1857.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1907.5	Outer_Full	Refer To Test Graph				Pass



Report No.: SUCR260400030107

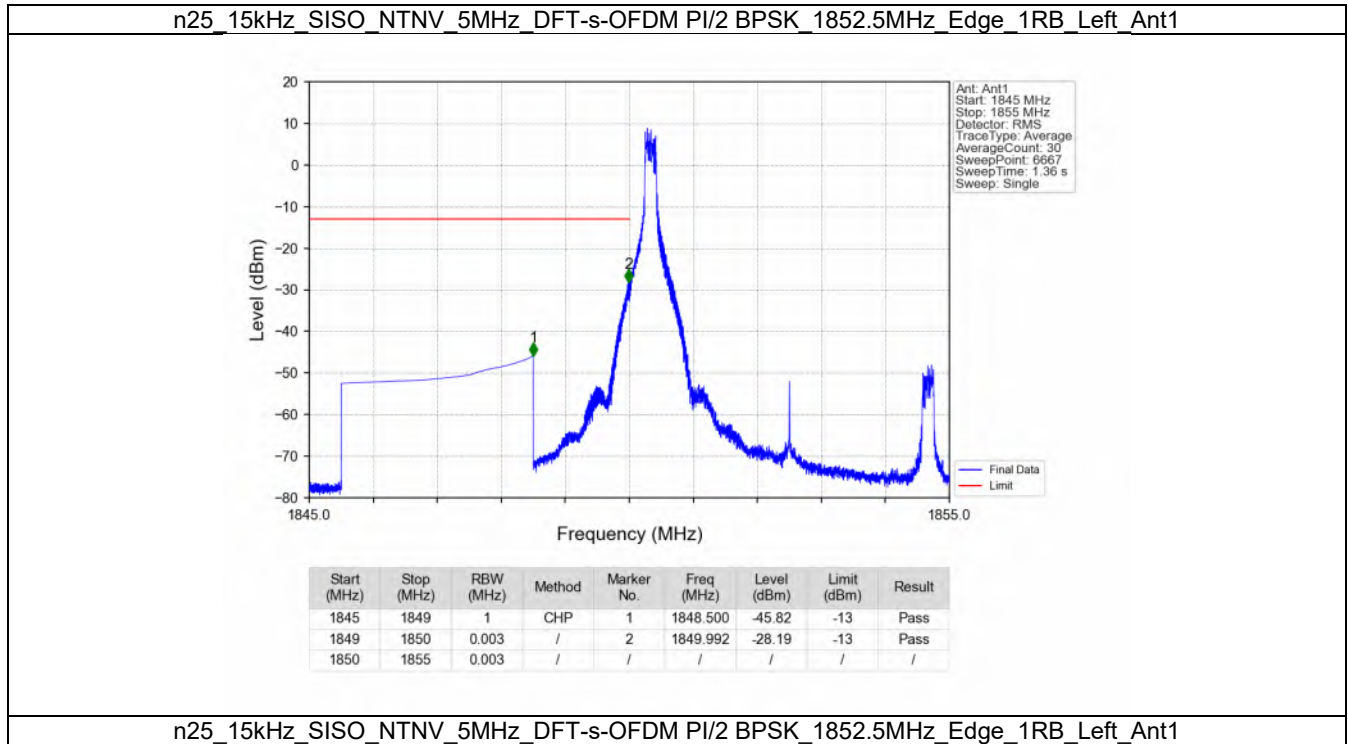
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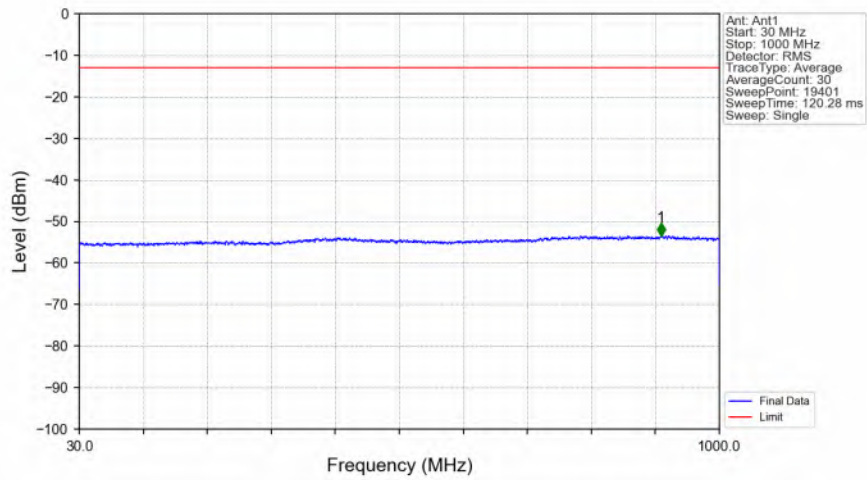
5.1.3 15_S_20M_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1860	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1860	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1860	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

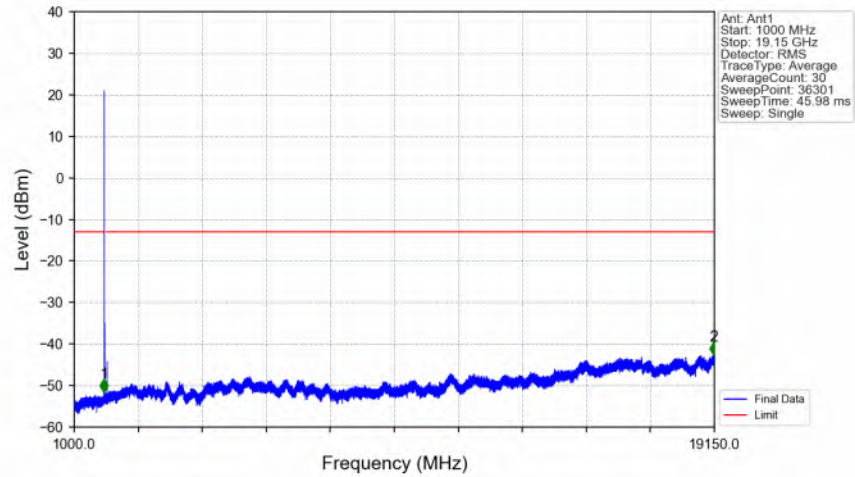
5.2.1 15_S_5M_NTNV





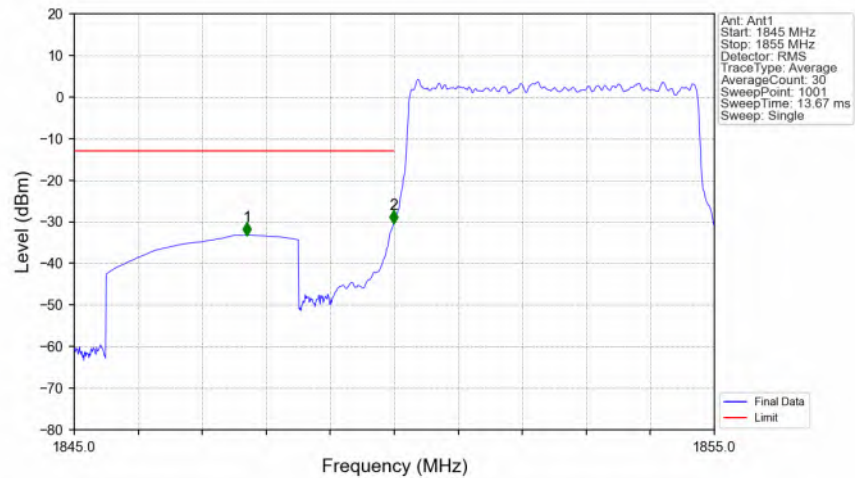
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	911.600	-53.43	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Edge_1RB_Left_Ant1



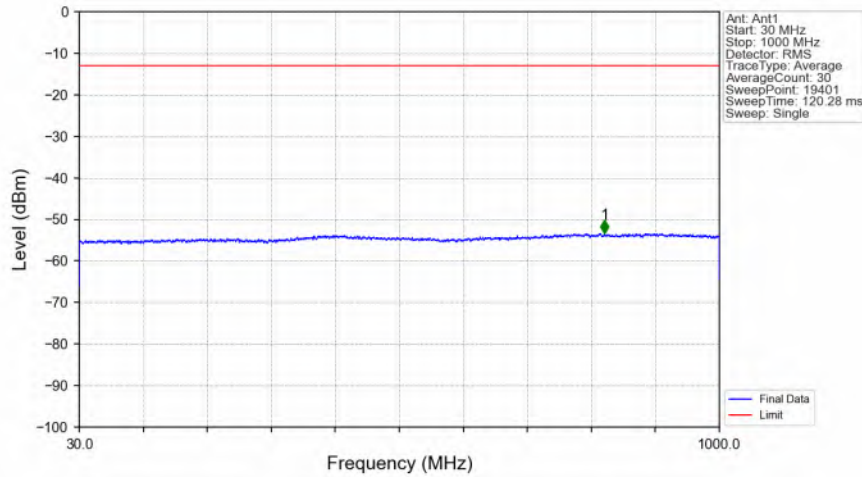
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-51.54	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19136.500	-42.63	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Outer_Full_Ant1



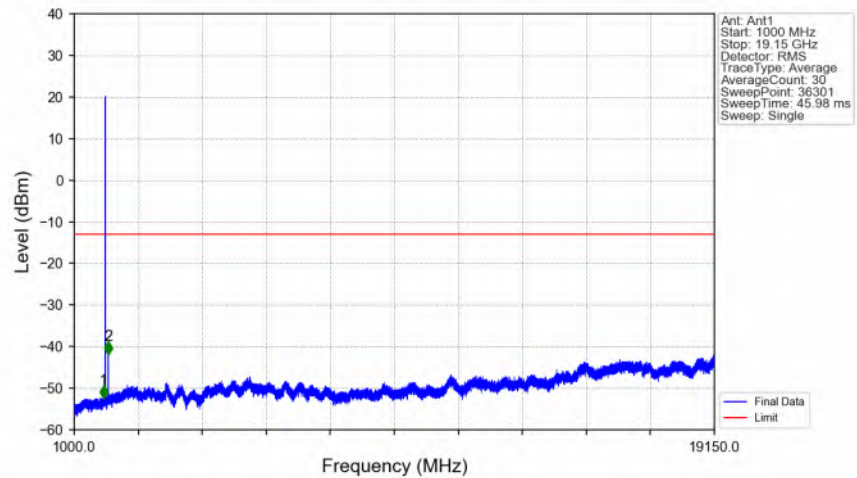
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1847.700	-33.25	-13	Pass
1849	1850	0.04958	CHP	2	1849.990	-30.46	-13	Pass
1850	1855	0.04958	CHP	/	/	/	/	/

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Edge_1RB_Left_Ant1



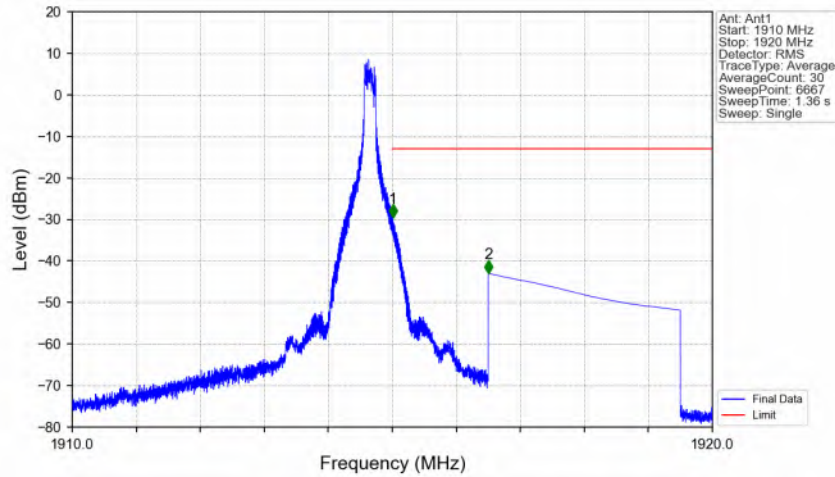
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	826.000	-53.33	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Edge_1RB_Left_Ant1



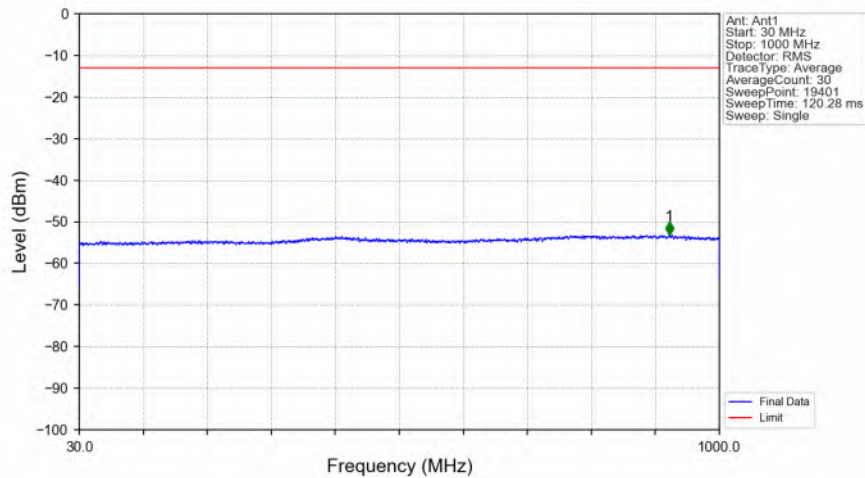
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1834.000	-52.41	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	1961.500	-41.84	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Edge_1RB_Right_Ant1



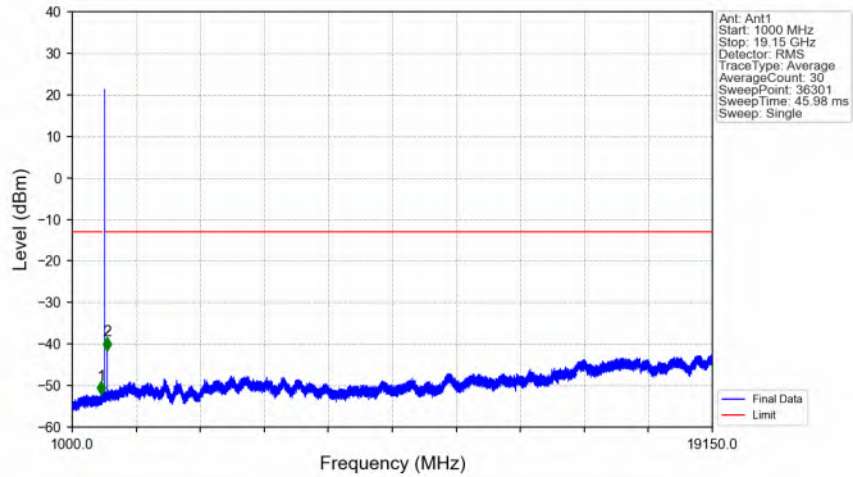
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.006	-29.50	-13	Pass
1916	1920	1	CHP	2	1916.500	-42.88	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Edge_1RB_Right_Ant1



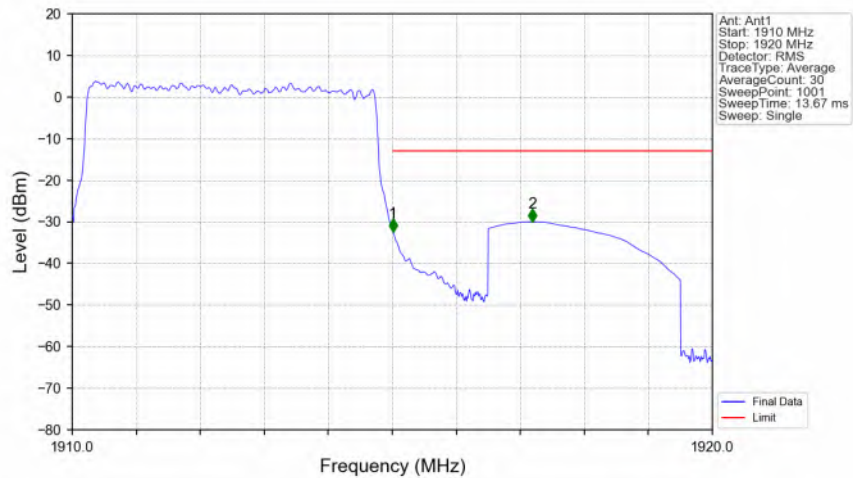
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	924.200	-53.16	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Edge_1RB_Right_Ant1



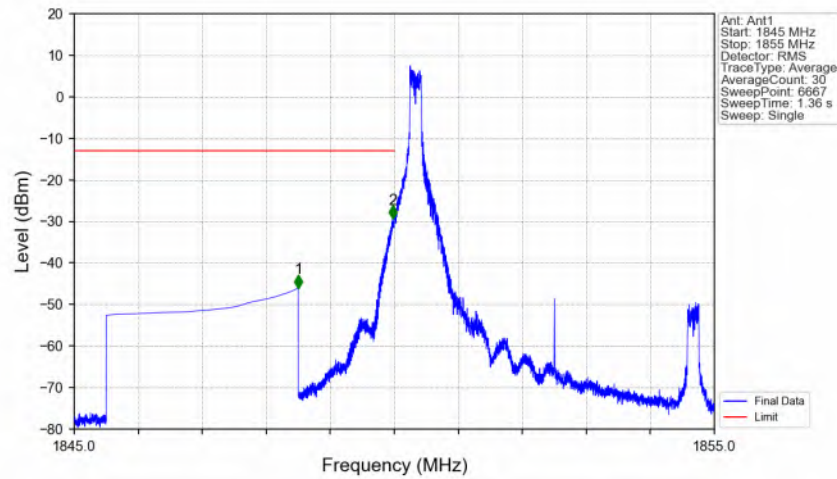
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1819.000	-52.09	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	1993.500	-41.46	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Outer_Full_Ant1



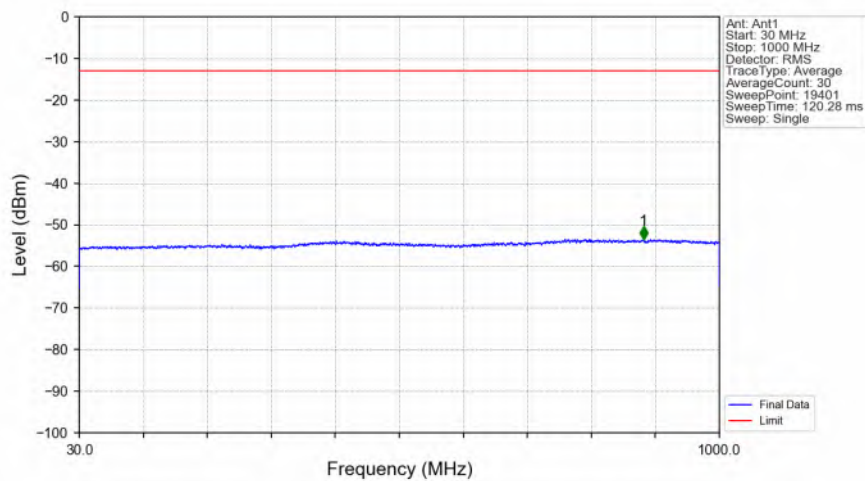
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.04958	CHP	/	/	/	/	/
1915	1916	0.04958	CHP	1	1915.010	-32.47	-13	Pass
1916	1920	1	CHP	2	1917.190	-29.98	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant1



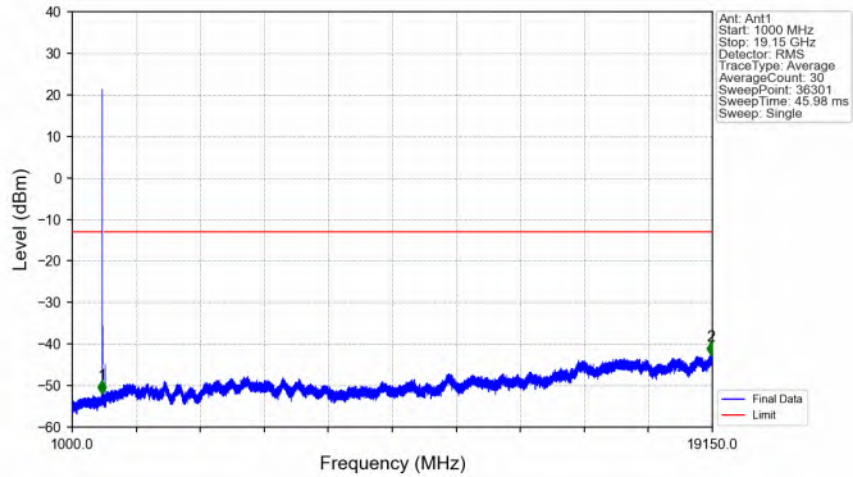
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-45.97	-13	Pass
1849	1850	0.003	/	2	1849.974	-29.39	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant1



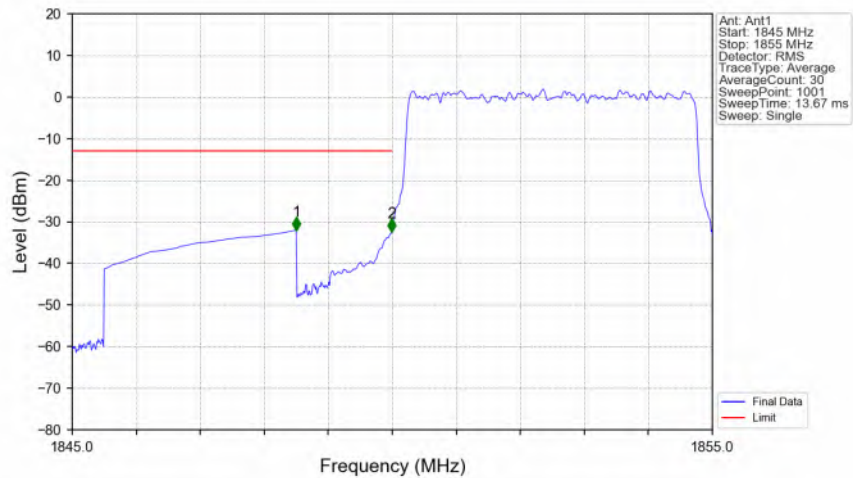
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	884.850	-53.43	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant1



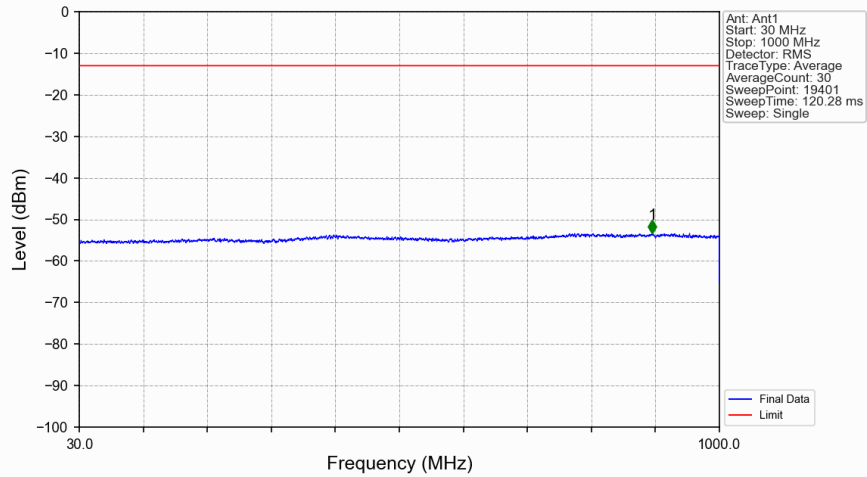
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1844.000	-51.86	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19108.000	-42.63	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full_Ant1

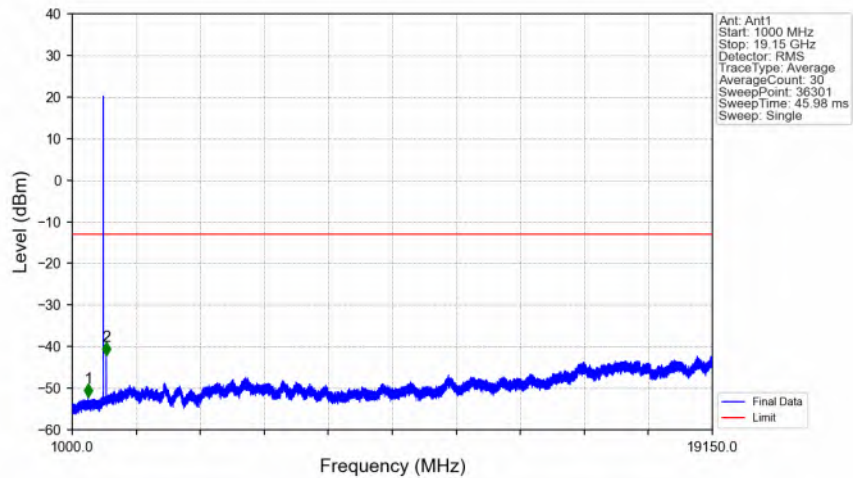


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-32.00	-13	Pass
1849	1850	0.04958	CHP	2	1849.990	-32.43	-13	Pass
1850	1855	0.04958	CHP	/	/	/	/	/

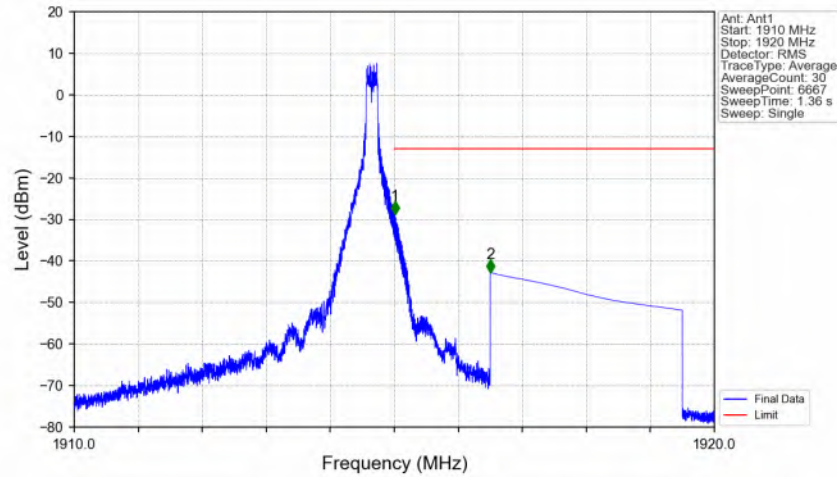
n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Edge_1RB_Left_Ant1



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Edge_1RB_Left_Ant1

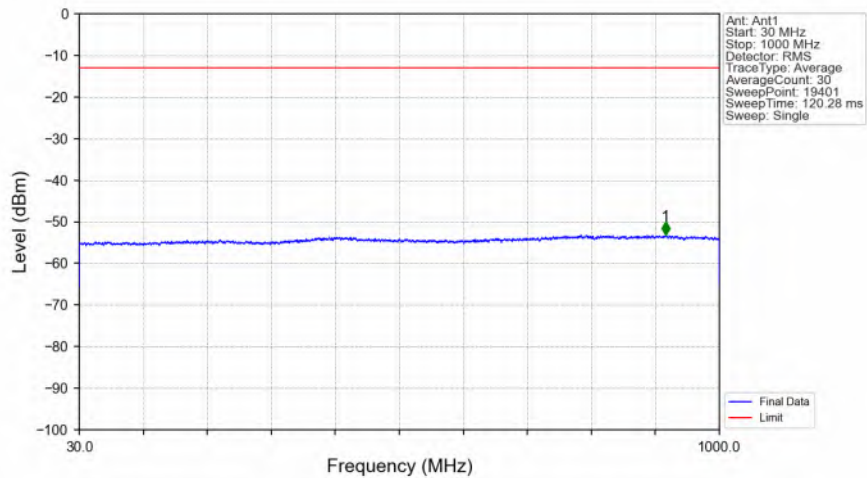


n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1912.5MHz_Edge_1RB_Right_Ant1



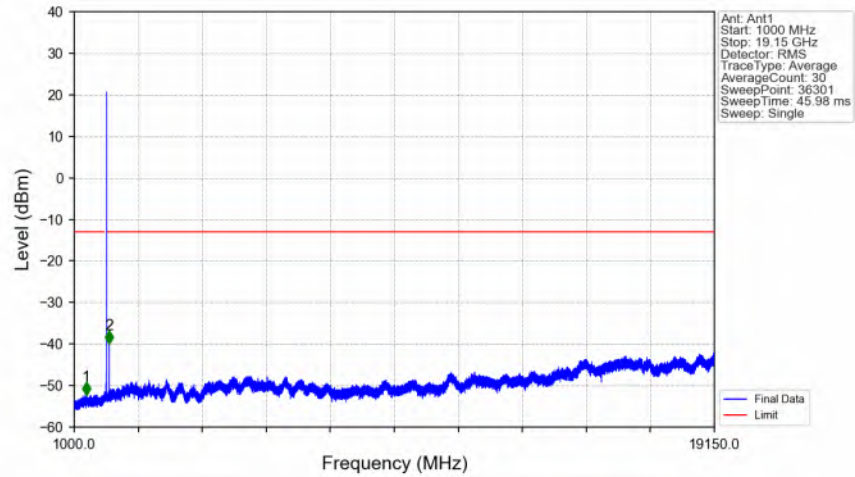
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.008	-28.74	-13	Pass
1916	1920	1	CHP	2	1916.500	-42.72	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1912.5MHz_Edge_1RB_Right_Ant1



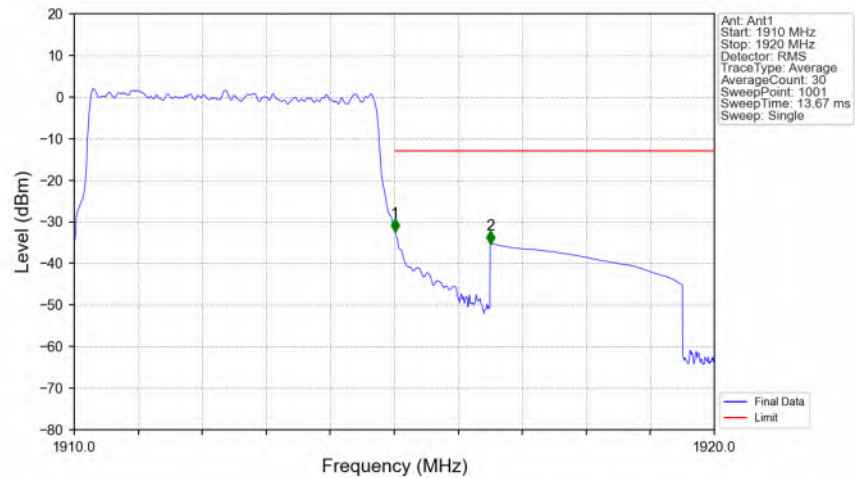
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	918.550	-53.07	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1912.5MHz_Edge_1RB_Right_Ant1



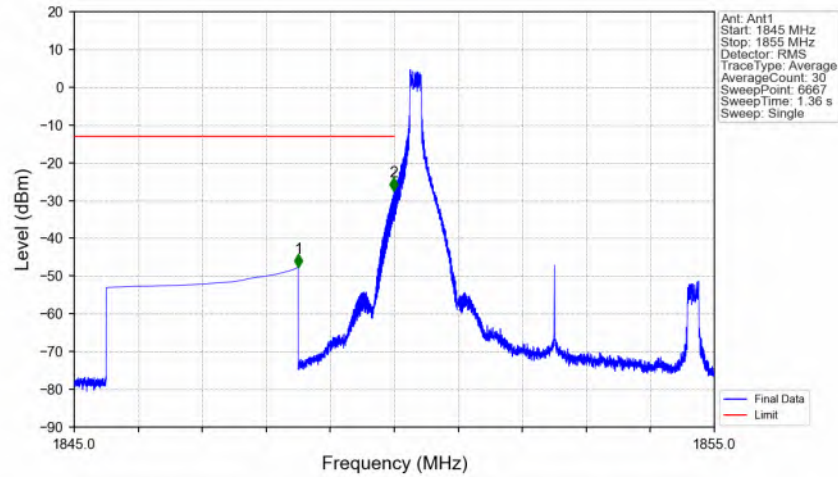
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1333.500	-52.22	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	1994.000	-39.97	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1912.5MHz_Outer_Full_Ant1



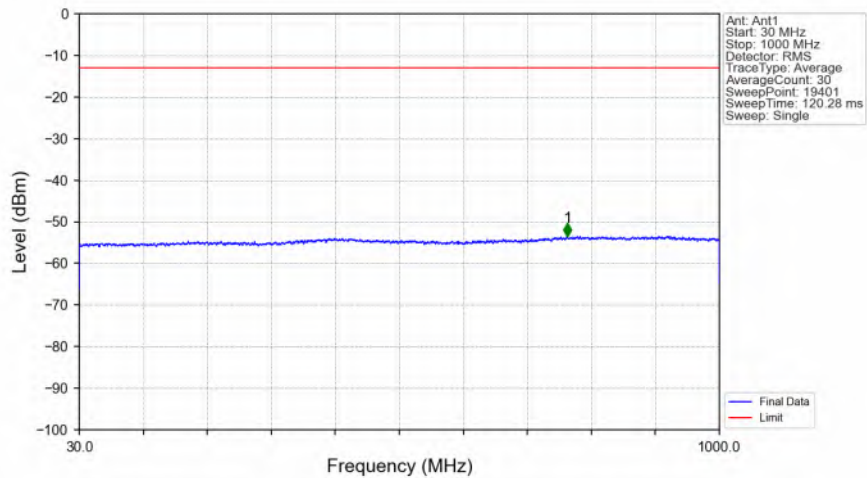
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.04958	CHP	/	/	/	/	/
1915	1916	0.04958	CHP	1	1915.010	-32.35	-13	Pass
1916	1920	1	CHP	2	1916.500	-35.25	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant1



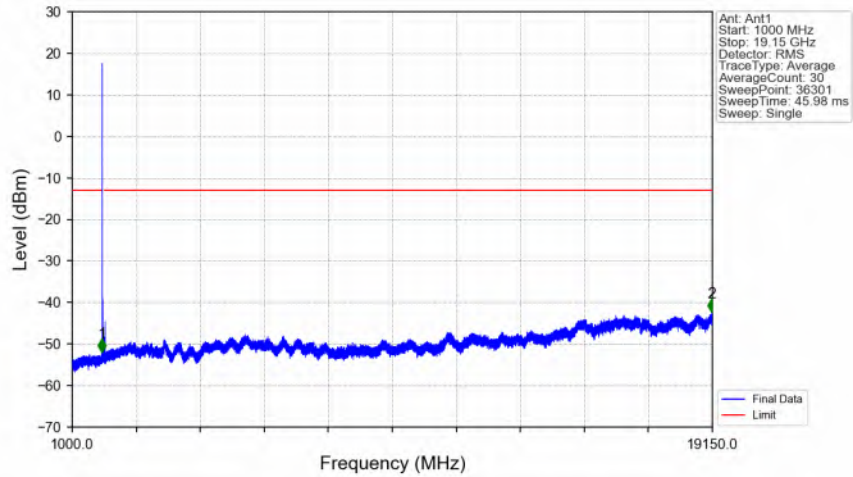
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-47.61	-13	Pass
1849	1850	0.003	/	2	1849.994	-27.38	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant1



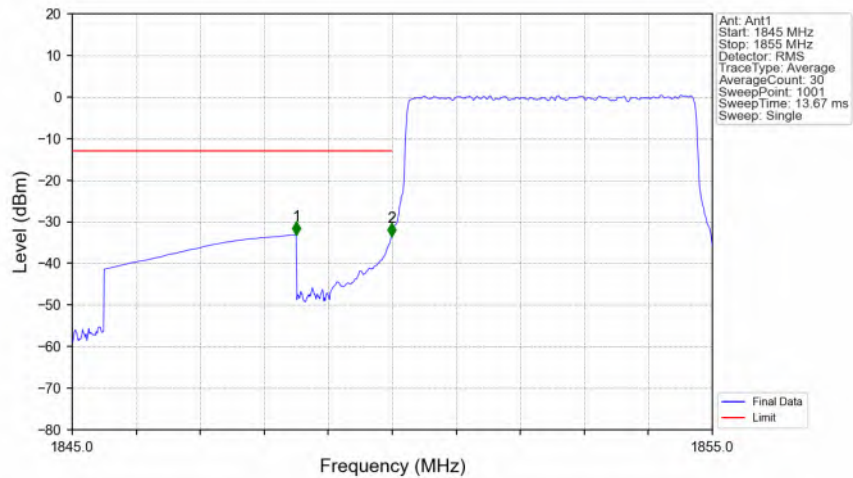
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	769.750	-53.46	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left_Ant1



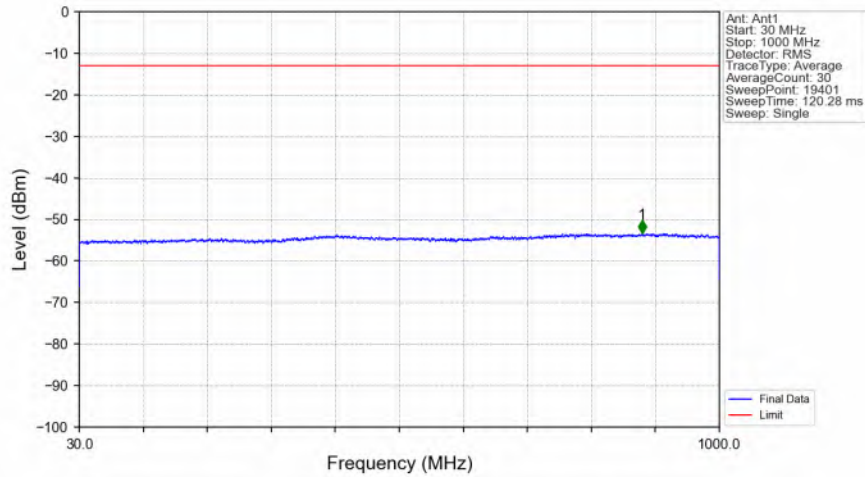
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-51.91	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19134.000	-42.32	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full_Ant1



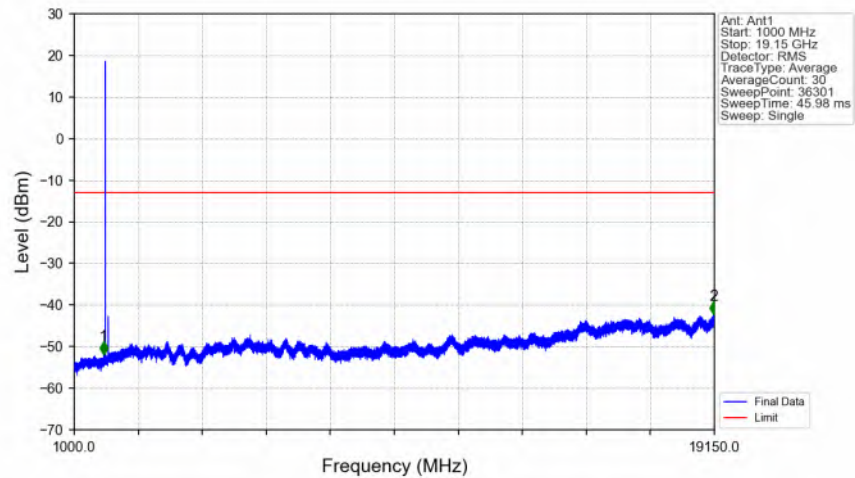
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-33.15	-13	Pass
1849	1850	0.04958	CHP	2	1849.990	-33.44	-13	Pass
1850	1855	0.04958	CHP	/	/	/	/	/

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1882.5MHz_Edge_1RB_Left_Ant1



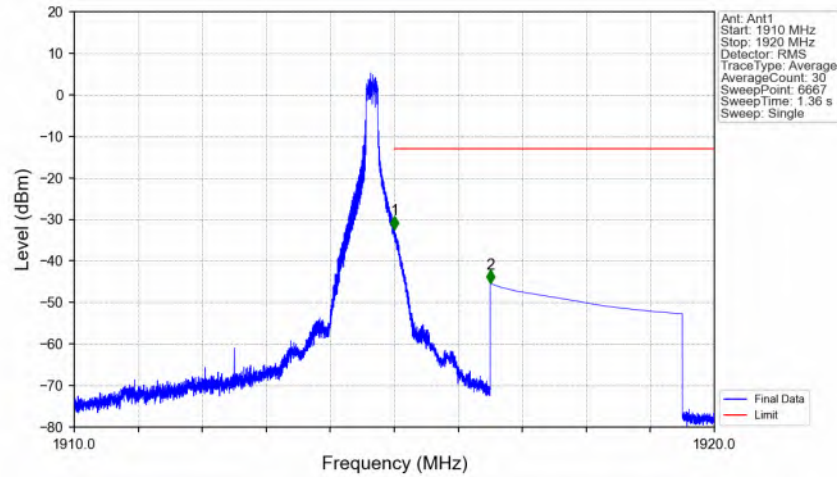
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	882.950	-53.37	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1882.5MHz_Edge_1RB_Left_Ant1



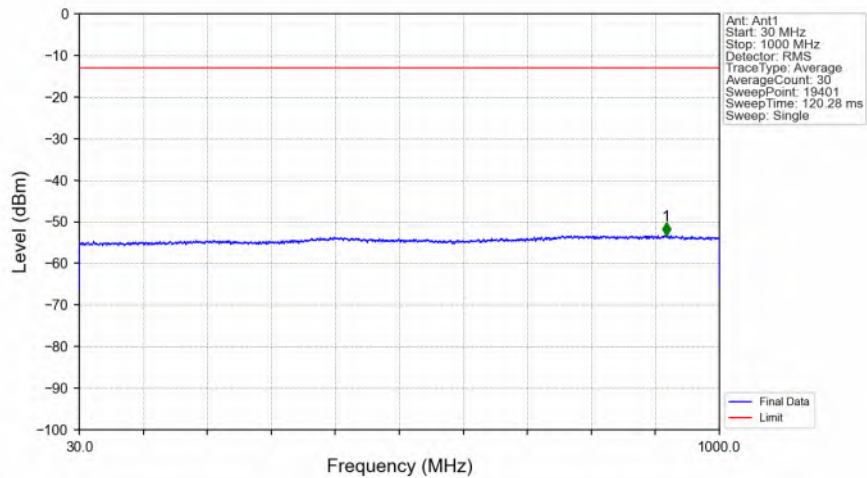
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1828.000	-51.89	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19133.500	-42.26	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1912.5MHz_Edge_1RB_Right_Ant1



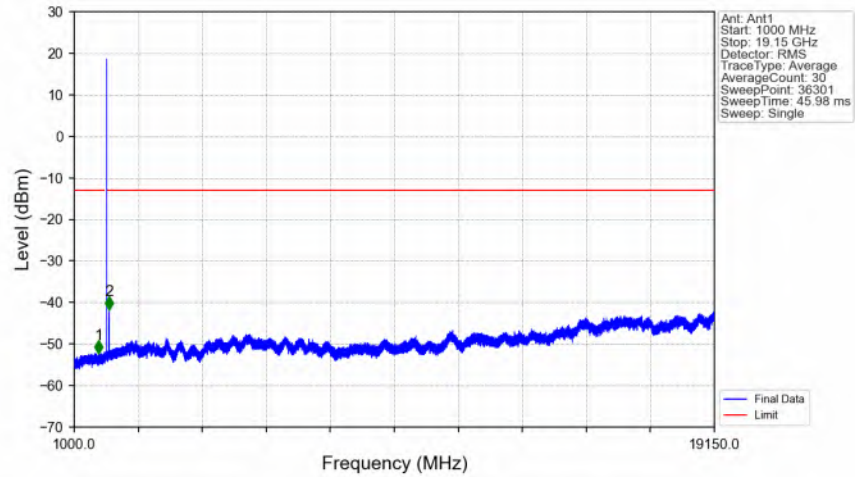
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-32.31	-13	Pass
1916	1920	1	CHP	2	1916.500	-45.41	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1912.5MHz_Edge_1RB_Right_Ant1



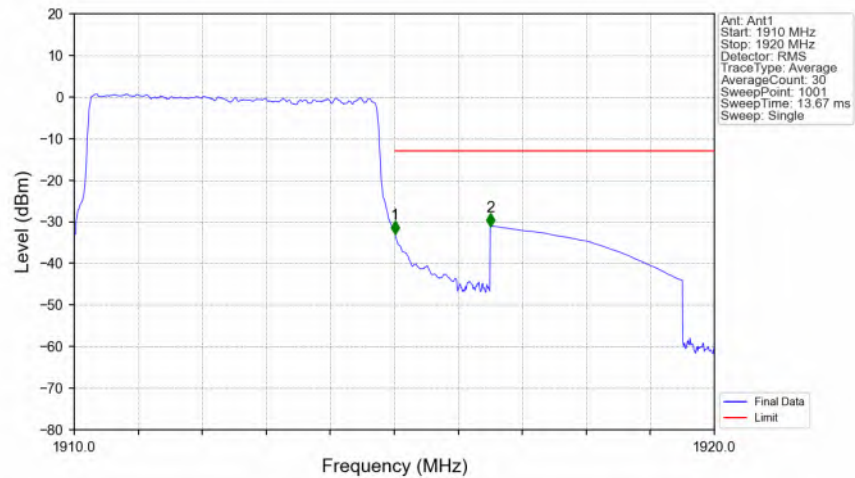
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	919.250	-53.22	-13	Pass

n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Edge_1RB_Right_Ant1



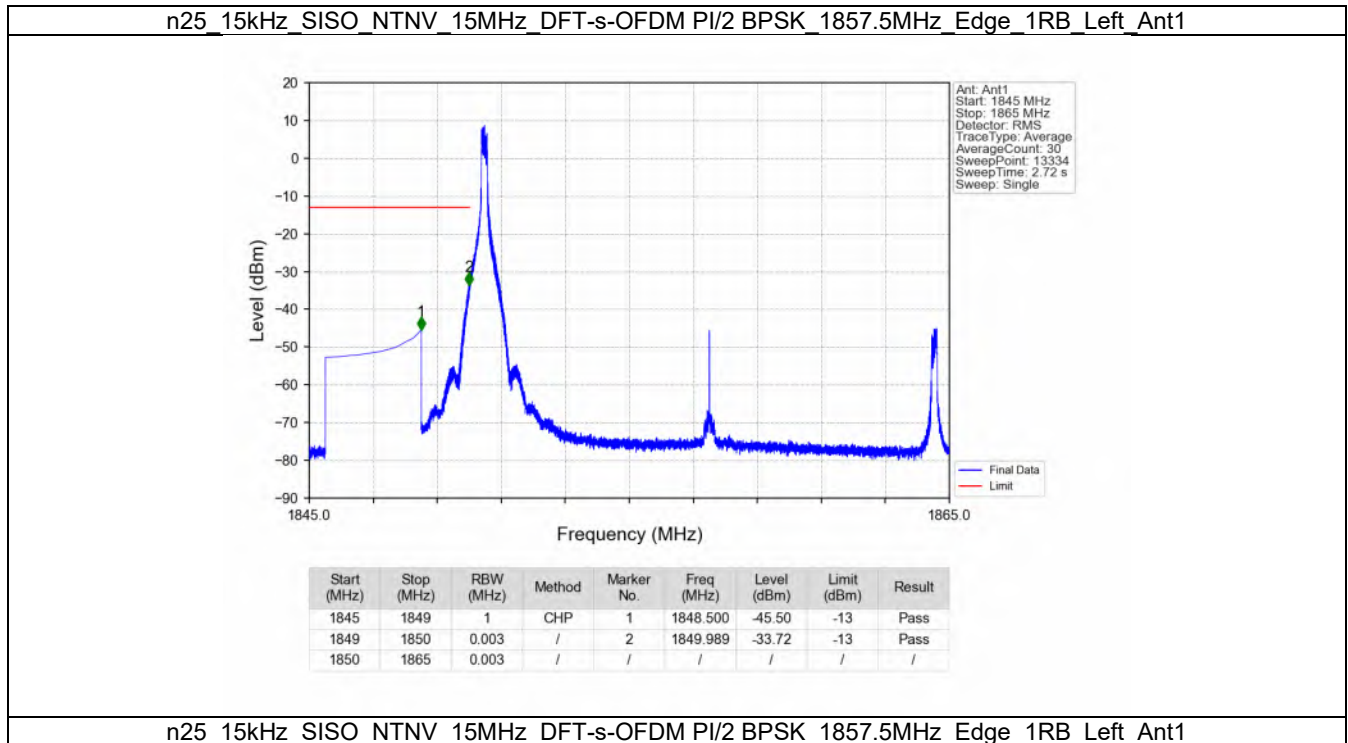
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1690.500	-52.20	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	1994.000	-41.77	-13	Pass

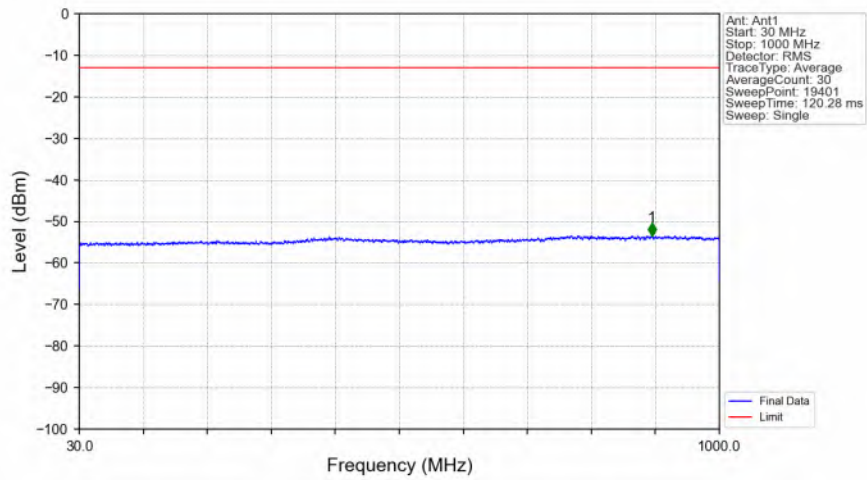
n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.04958	CHP	/	/	/	/	/
1915	1916	0.04958	CHP	1	1915.010	-32.86	-13	Pass
1916	1920	1	CHP	2	1916.500	-31.04	-13	Pass

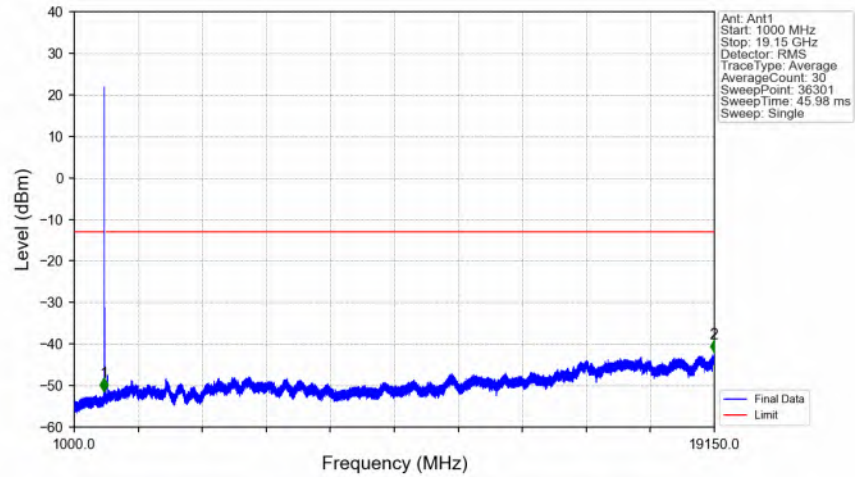
5.2.2 15_S_15M_NTNV





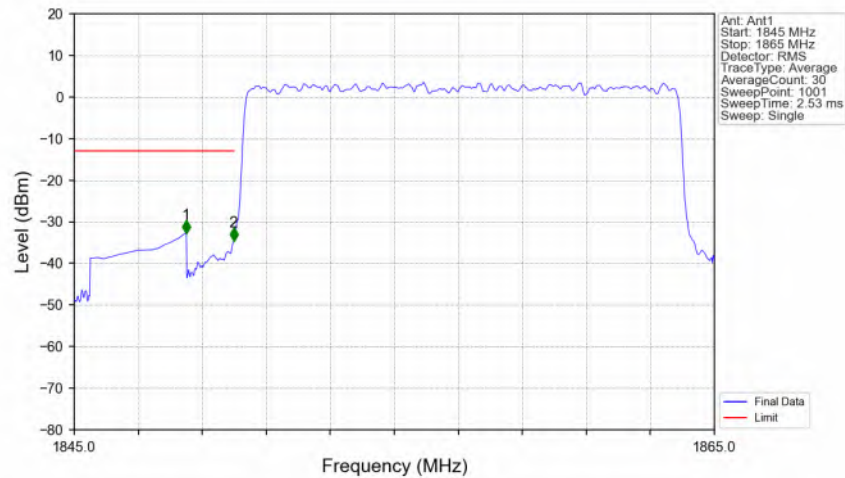
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	897.550	-53.44	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Edge_1RB_Left_Ant1



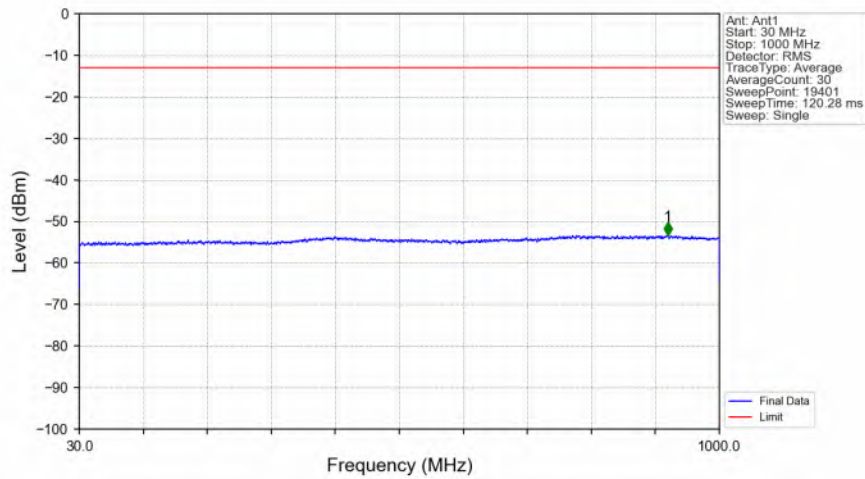
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.500	-51.44	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19142.000	-42.14	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Outer_Full_Ant1



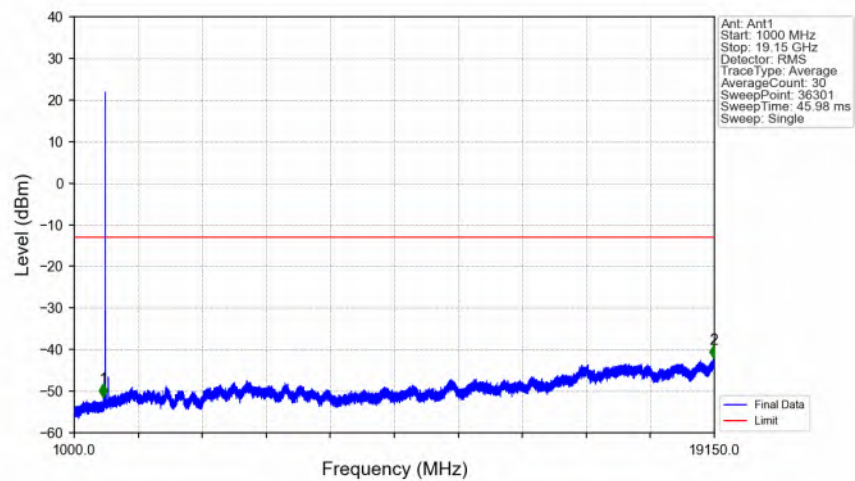
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-32.69	-13	Pass
1849	1850	0.1432	CHP	2	1849.980	-34.61	-13	Pass
1850	1865	0.1432	CHP	/	/	/	/	/

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Edge_1RB_Left_Ant1



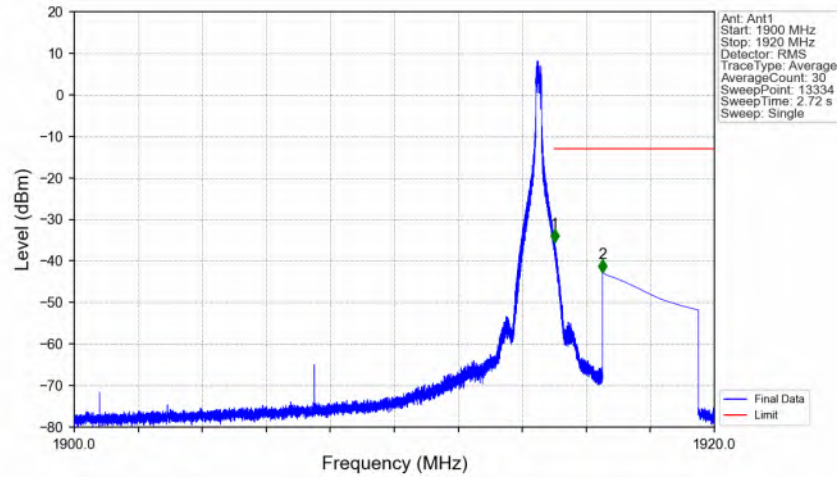
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	921.800	-53.31	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Edge_1RB_Left_Ant1



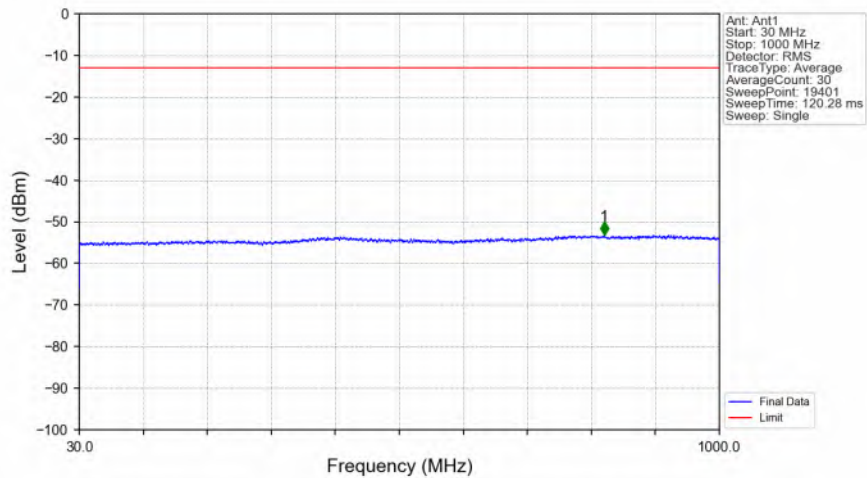
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1824.000	-51.33	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19126.000	-42.03	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Edge_1RB_Right_Ant1



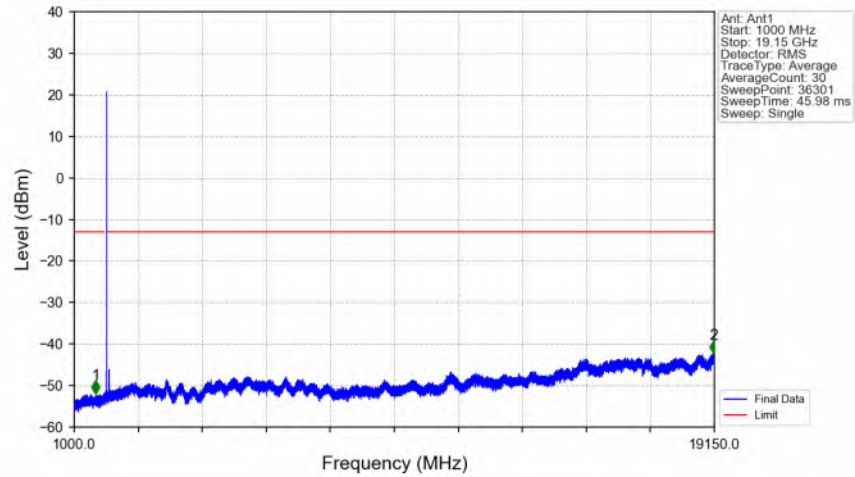
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.006	-35.46	-13	Pass
1916	1920	1	CHP	2	1916.500	-42.78	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Edge_1RB_Right_Ant1



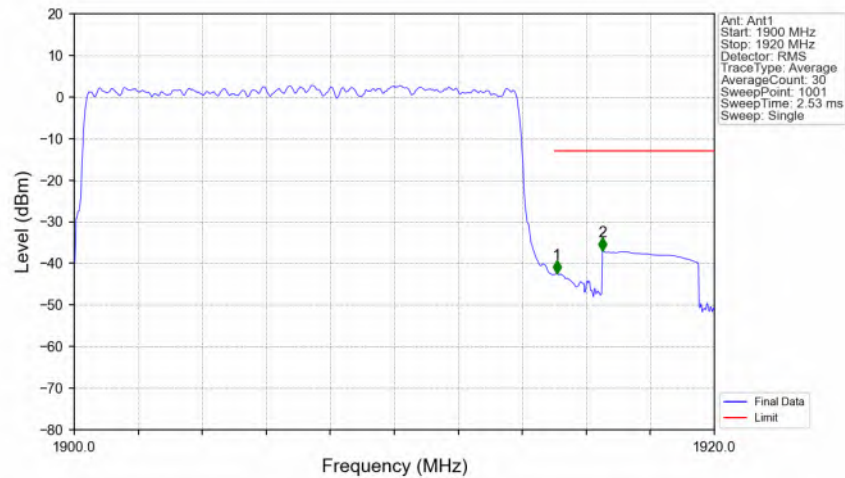
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	825.450	-53.17	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Edge_1RB_Right_Ant1



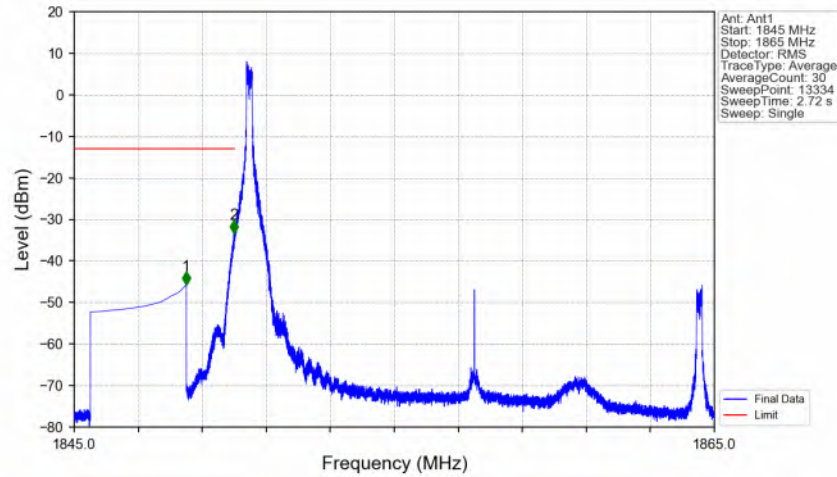
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1610.000	-51.97	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19134.000	-42.34	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Outer_Full_Ant1



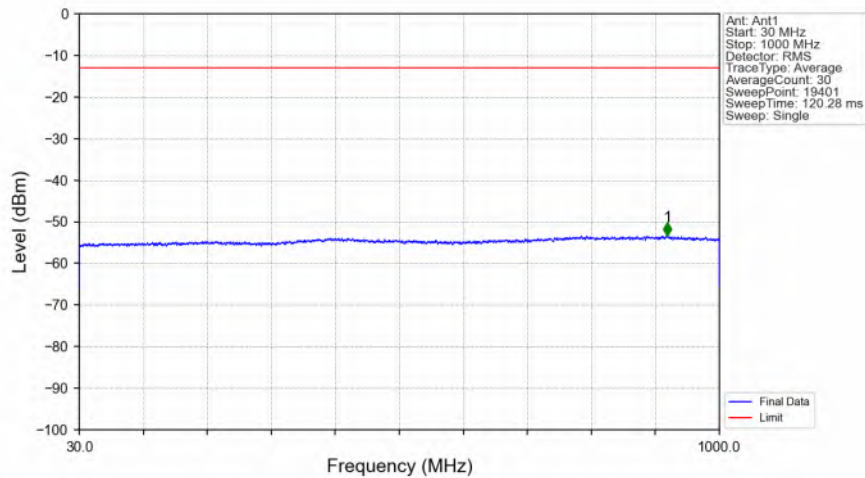
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.1432	CHP	/	/	/	/	/
1915	1916	0.1432	CHP	1	1915.080	-42.41	-13	Pass
1916	1920	1	CHP	2	1916.500	-36.97	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant1



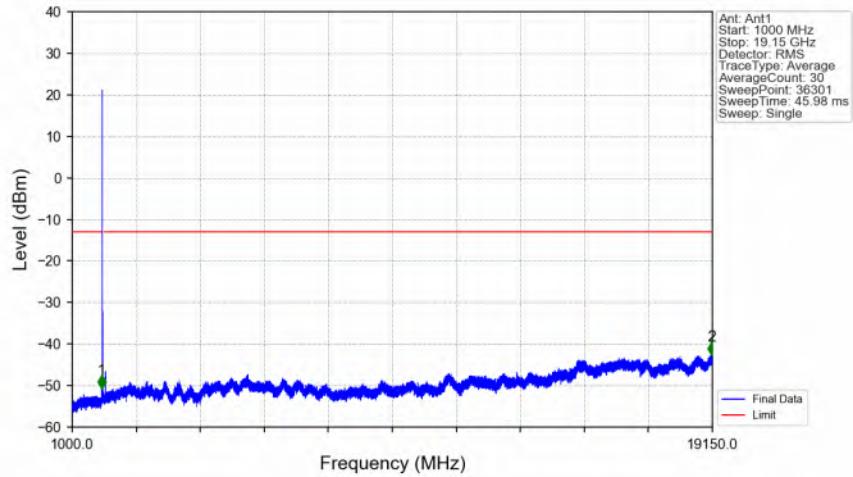
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-45.75	-13	Pass
1849	1850	0.003	/	2	1850.000	-33.40	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant1



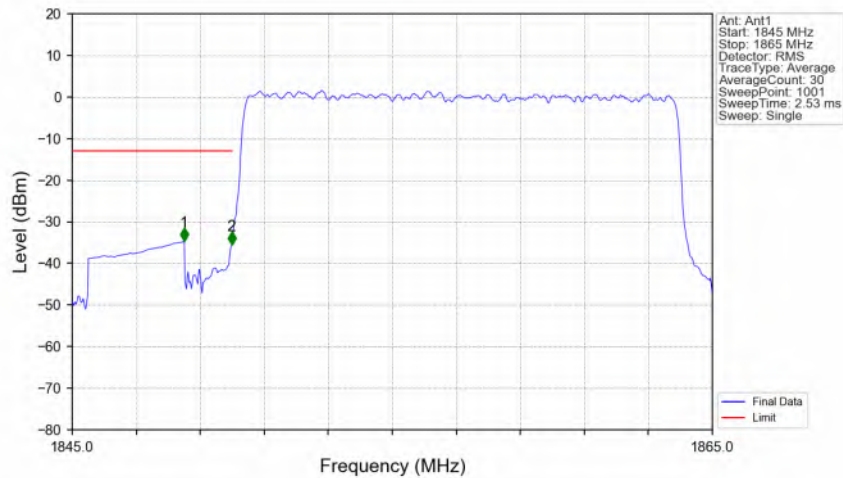
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	921.450	-53.40	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant1



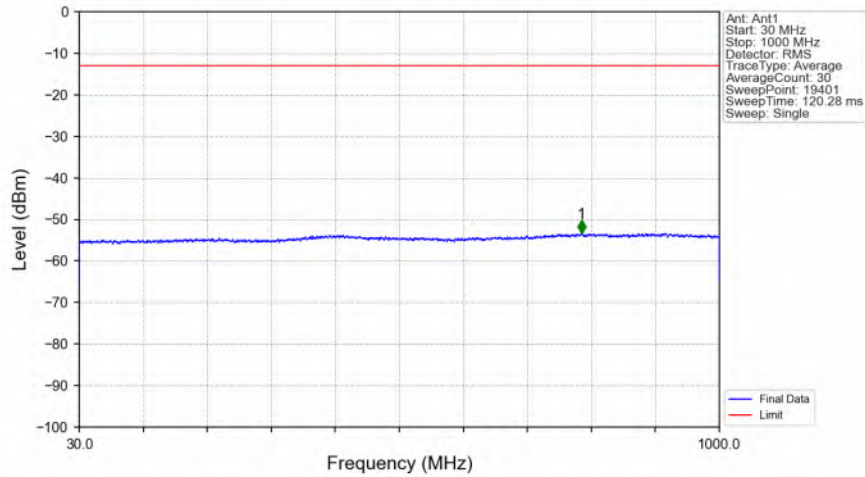
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1833.000	-50.70	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19123.500	-42.68	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1857.5MHz_Outer_Full_Ant1

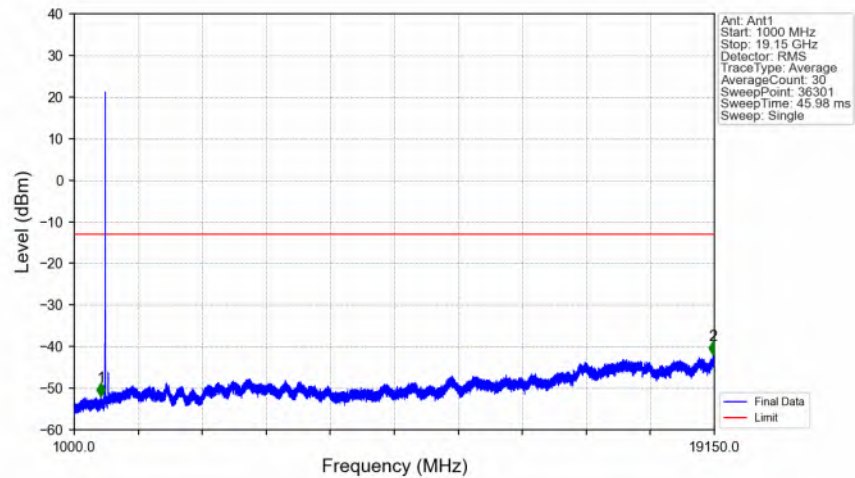


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-34.65	-13	Pass
1849	1850	0.1432	CHP	2	1849.980	-35.49	-13	Pass
1850	1865	0.1432	CHP	/	/	/	/	/

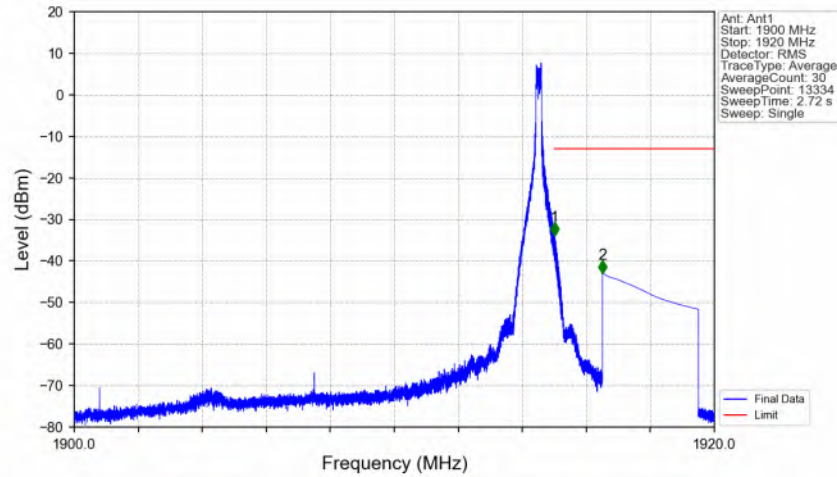
n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1882.5MHz_Edge_1RB_Left_Ant1



n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_1882.5MHz_Edge_1RB_Left_Ant1

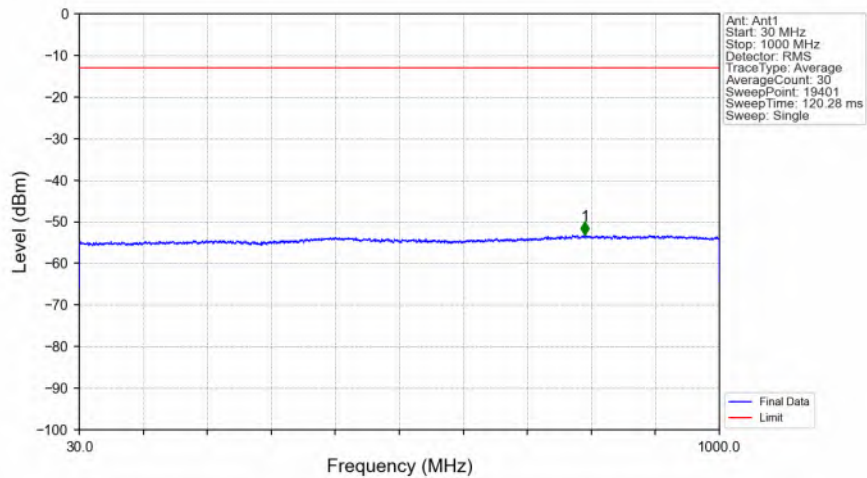


n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant1



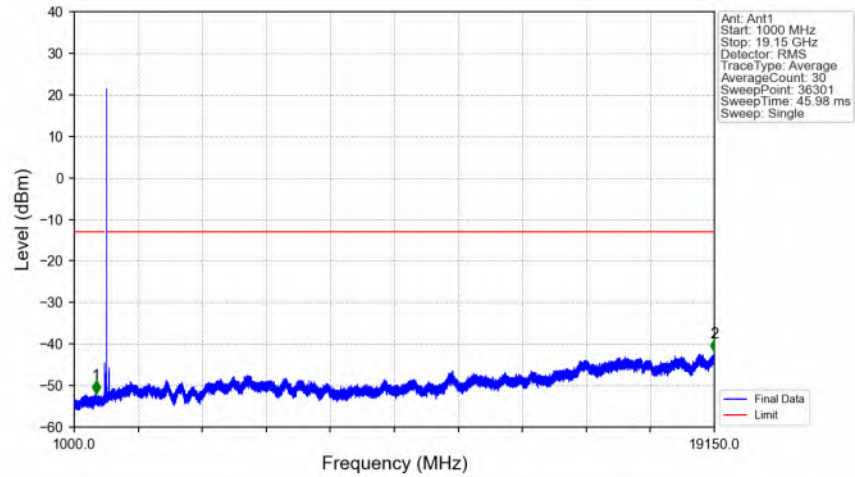
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.006	-33.82	-13	Pass
1916	1920	1	CHP	2	1916.500	-42.90	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant1



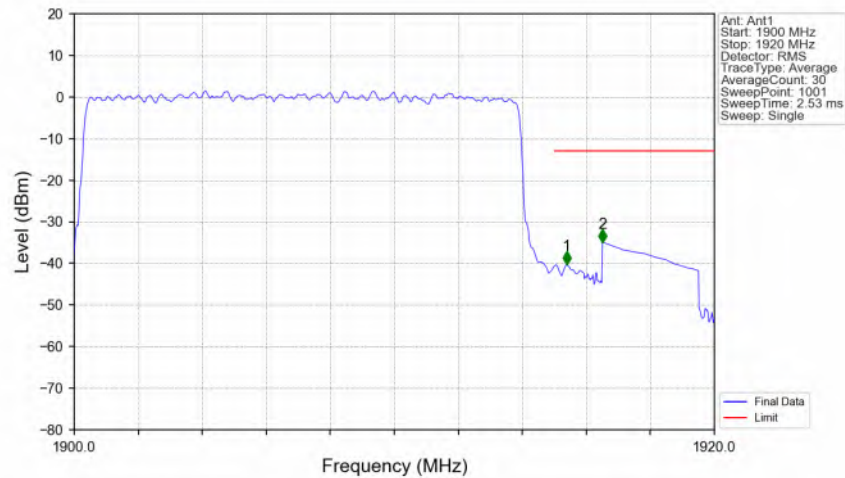
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	796.250	-53.21	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant1



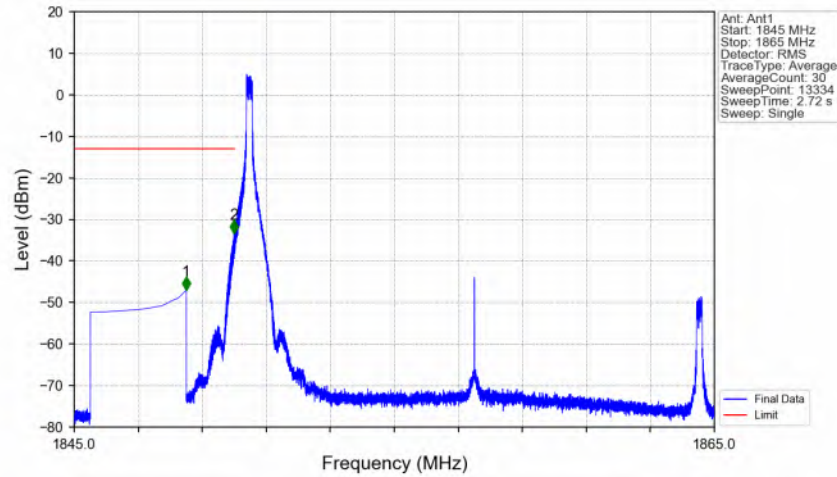
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1614.000	-51.90	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19146.500	-41.91	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1907.5MHz_Outer_Full_Ant1



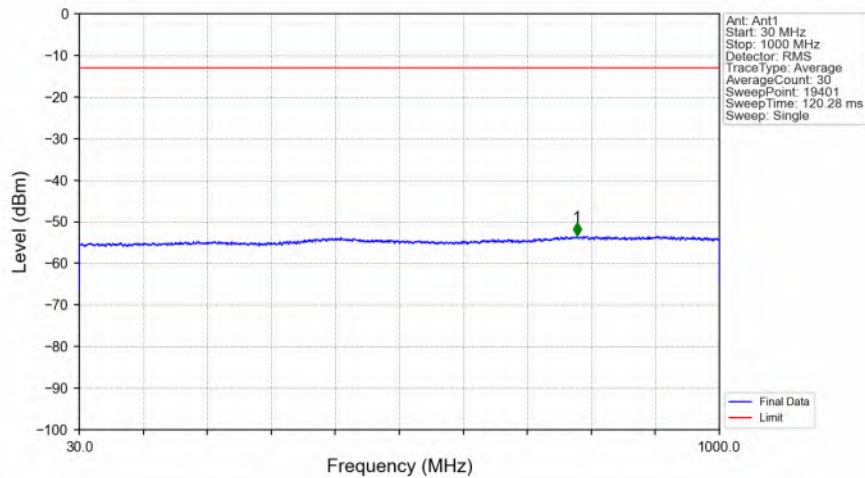
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.1432	CHP	/	/	/	/	/
1915	1916	0.1432	CHP	1	1915.380	-40.31	-13	Pass
1916	1920	1	CHP	2	1916.500	-34.87	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant1



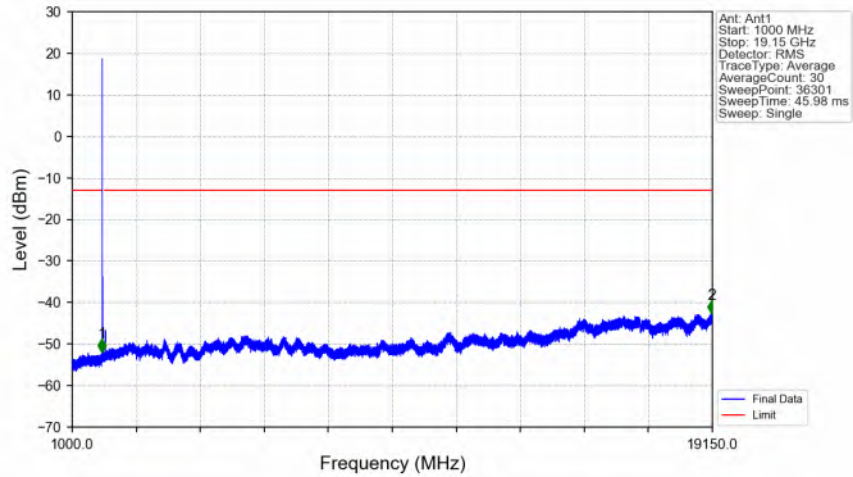
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-47.04	-13	Pass
1849	1850	0.003	/	2	1849.994	-33.34	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

n25_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_1857.5MHz_Edge_1RB_Left_Ant1



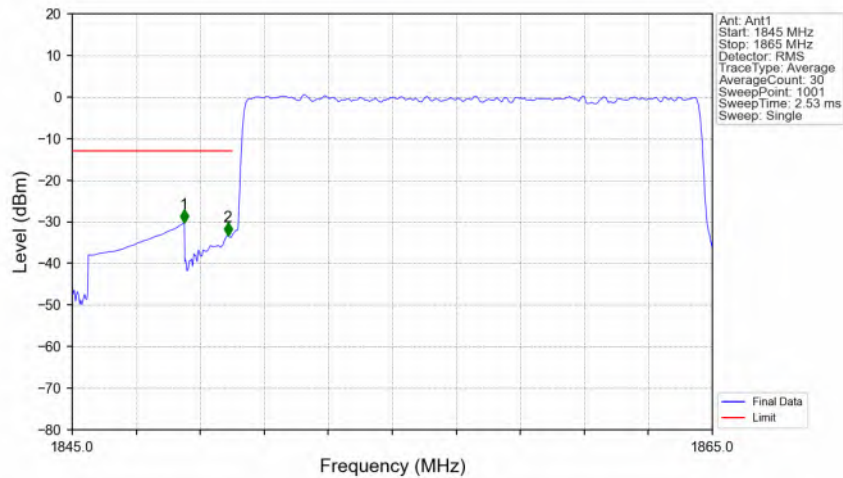
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	784.000	-53.39	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Edge_1RB_Left_Ant1



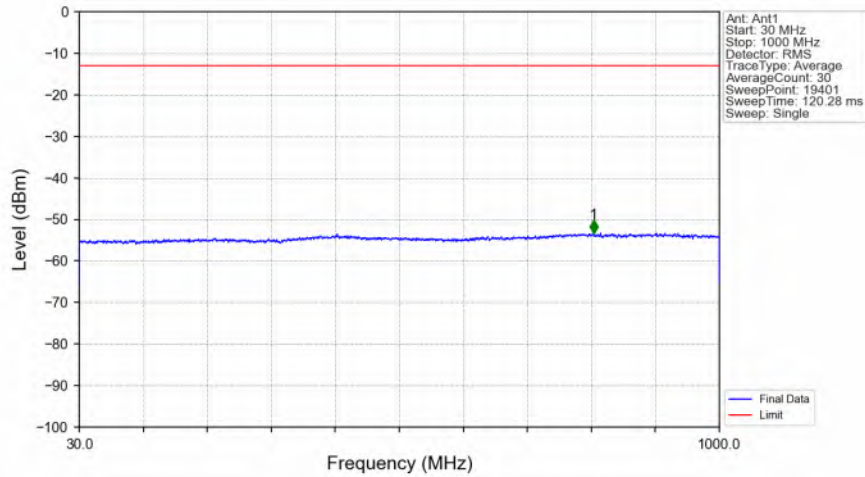
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.500	-51.94	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19122.500	-42.65	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Outer_Full_Ant1

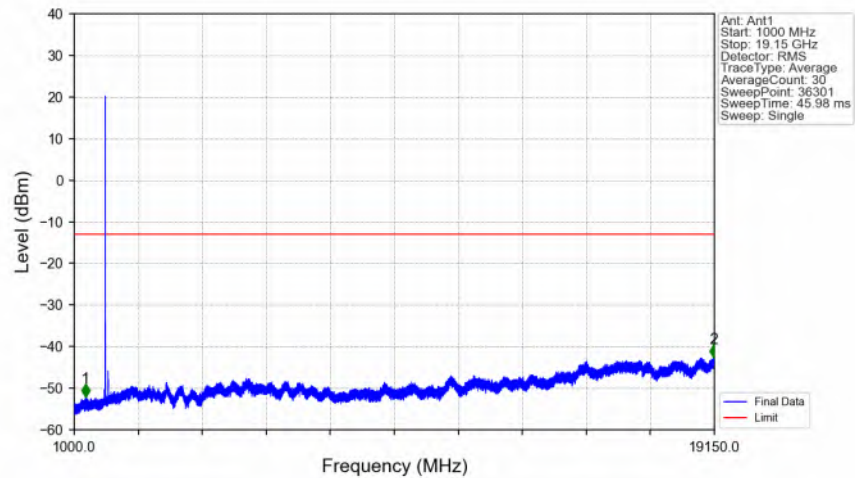


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-30.26	-13	Pass
1849	1850	0.1432	CHP	2	1849.860	-33.28	-13	Pass
1850	1865	0.1432	CHP	/	/	/	/	/

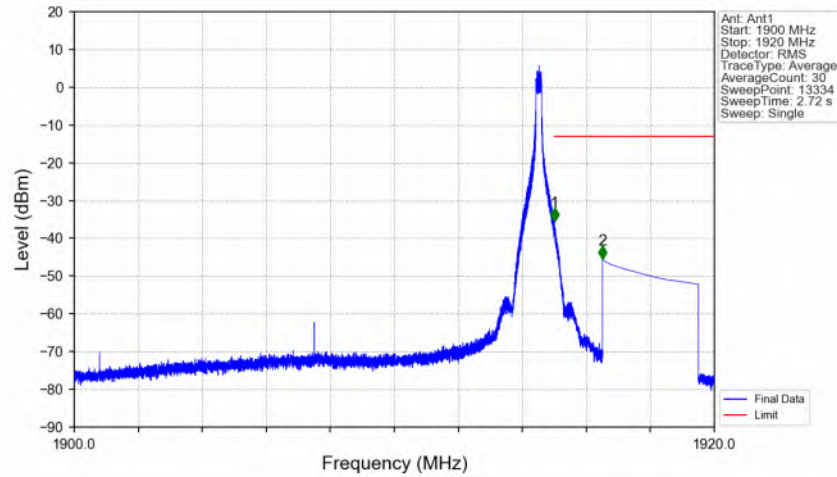
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1882.5MHz_Edge_1RB_Left_Ant1



n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1882.5MHz_Edge_1RB_Left_Ant1

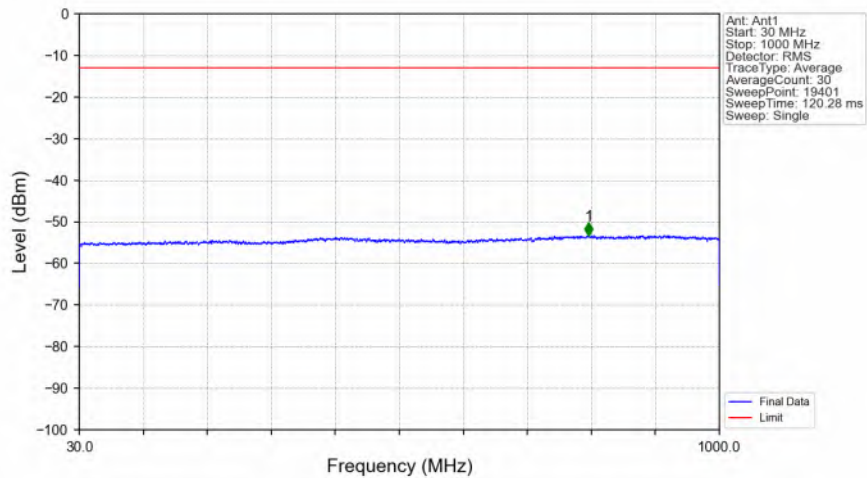


n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant1



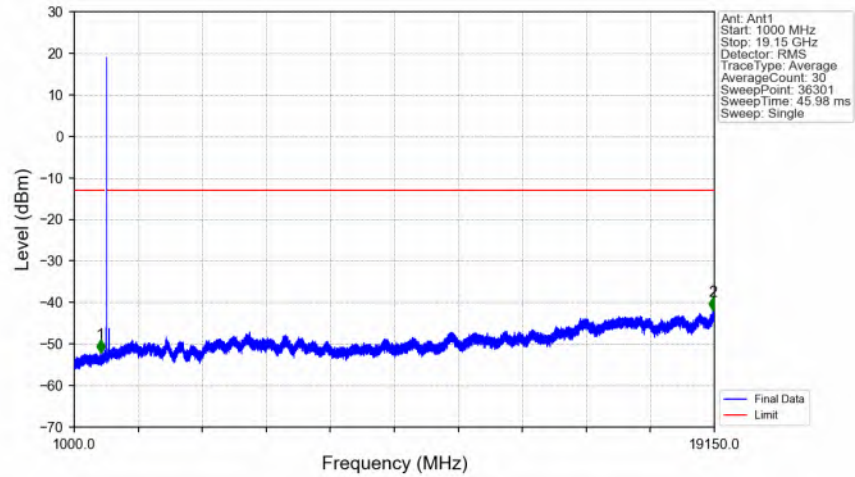
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-35.54	-13	Pass
1916	1920	1	CHP	2	1916.500	-45.52	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant1



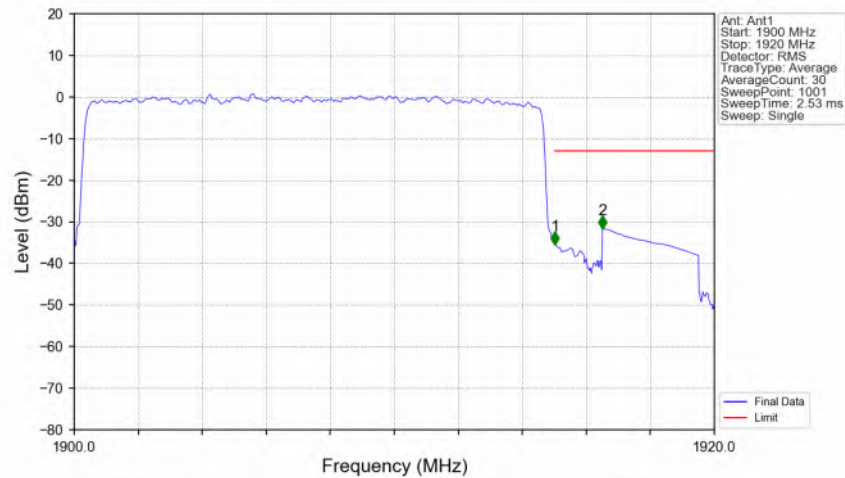
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	801.850	-53.22	-13	Pass

n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1907.5MHz_Edge_1RB_Right_Ant1



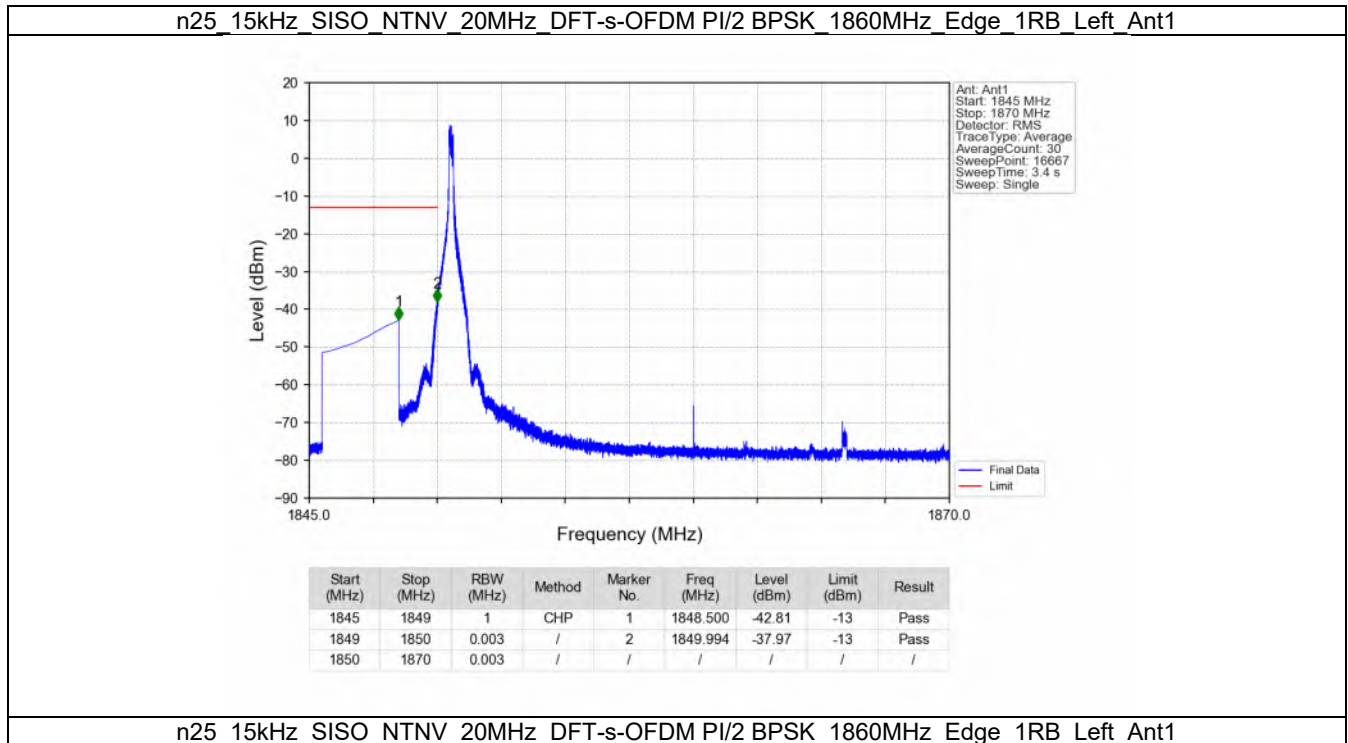
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1750.000	-52.05	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19105.500	-41.94	-13	Pass

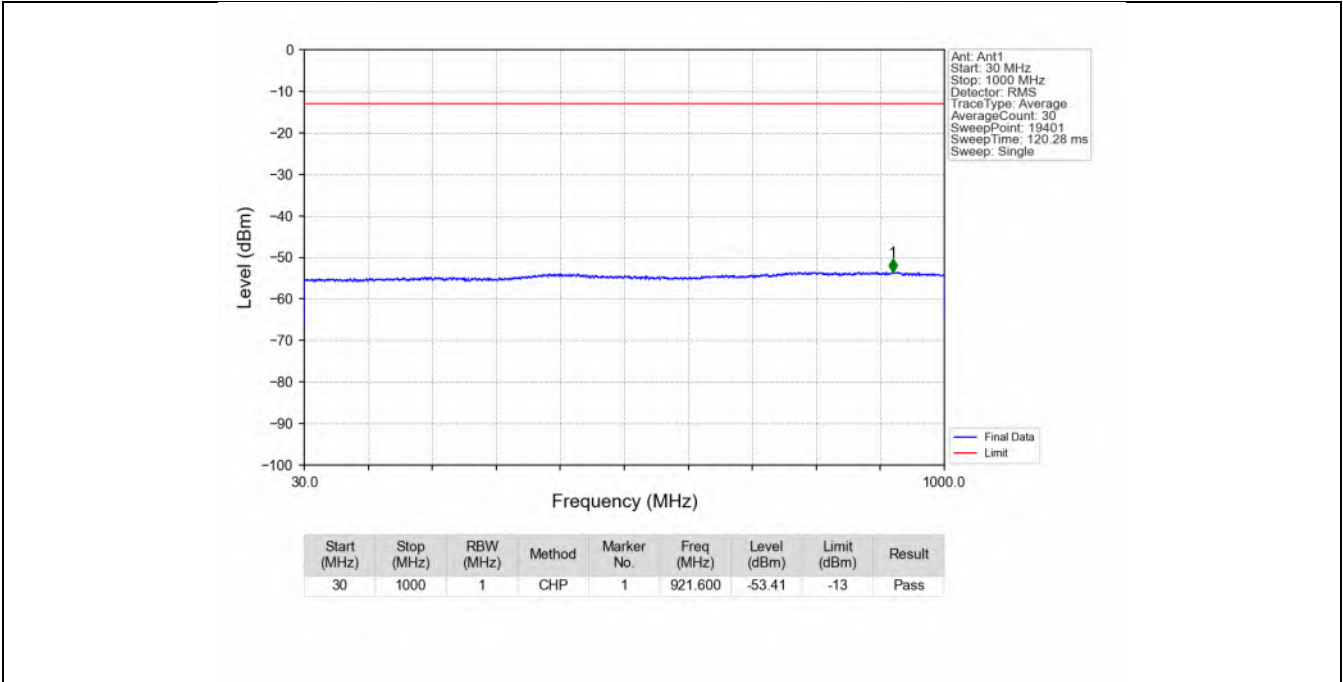
n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1907.5MHz_Outer_Full_Ant1



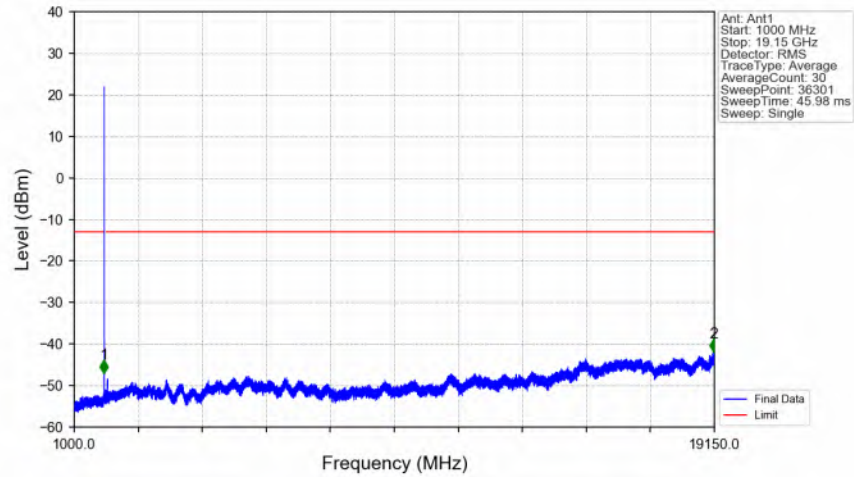
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.1432	CHP	/	/	/	/	/
1915	1916	0.1432	CHP	1	1915.020	-35.42	-13	Pass
1916	1920	1	CHP	2	1916.500	-31.59	-13	Pass

5.2.3 15_S_20M_NTNV



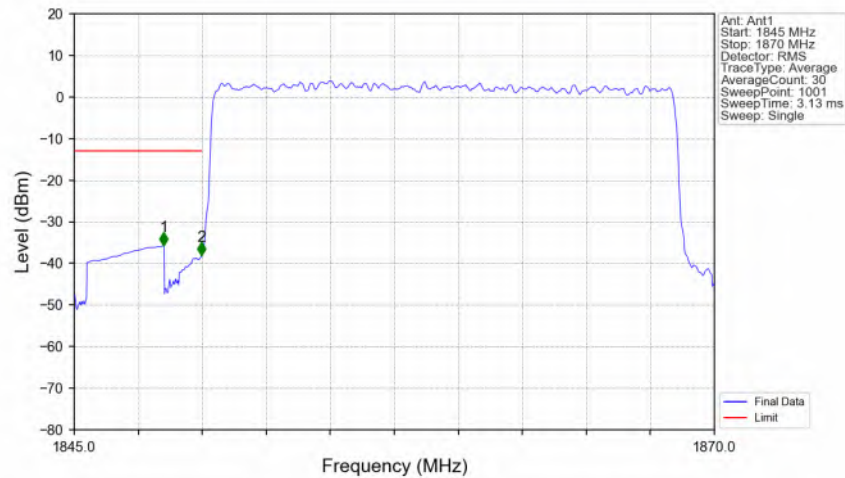


n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1860MHz_Edge_1RB_Left_Ant1



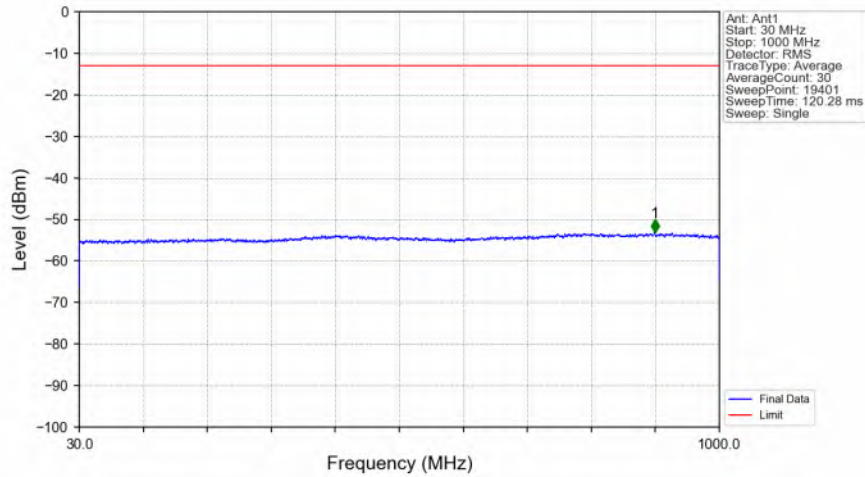
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1844.500	-46.94	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19131.500	-41.89	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1860MHz_Outer_Full_Ant1

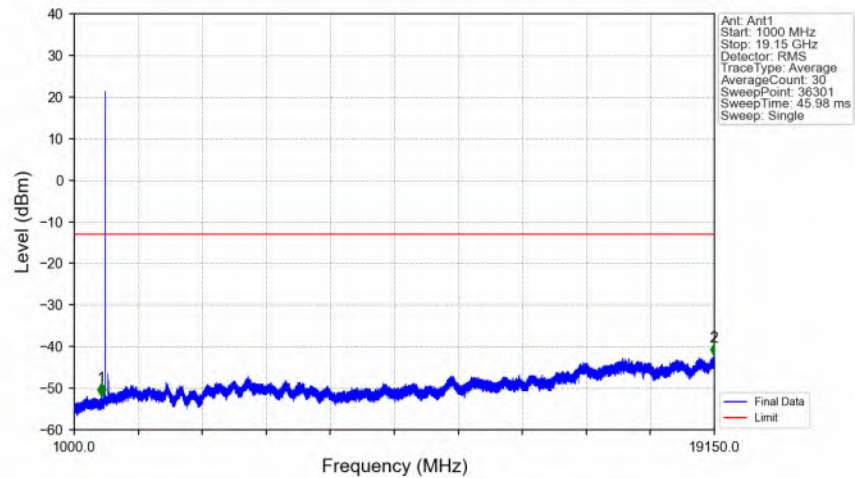


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-35.75	-13	Pass
1849	1850	0.188	CHP	2	1849.975	-38.00	-13	Pass
1850	1870	0.188	CHP	/	/	/	/	/

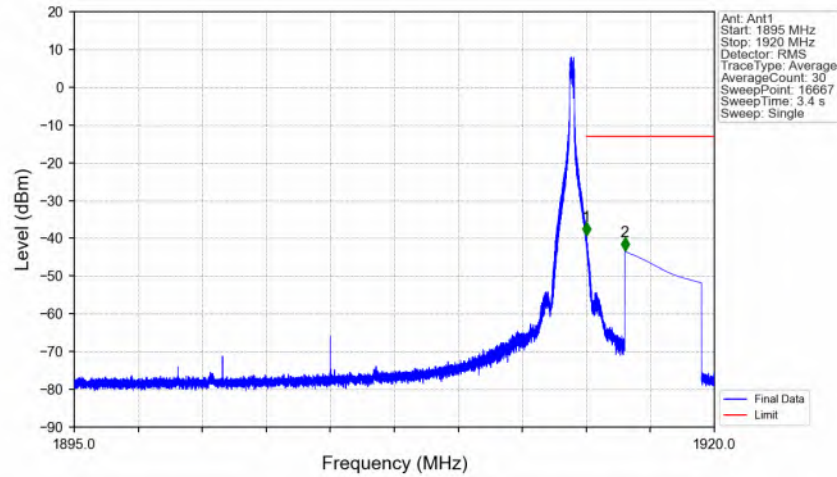
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Edge_1RB_Left_Ant1



n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Edge_1RB_Left_Ant1

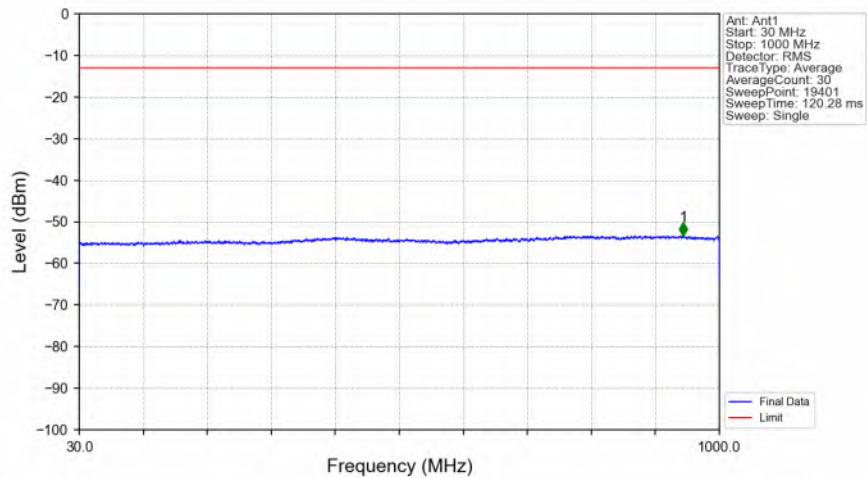


n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Edge_1RB_Right_Ant1



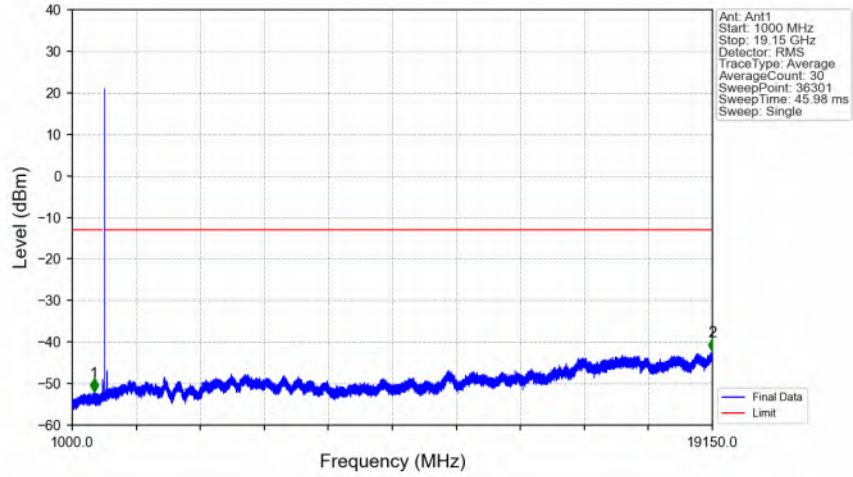
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.006	-39.16	-13	Pass
1916	1920	1	CHP	2	1916.500	-43.34	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Edge_1RB_Right_Ant1



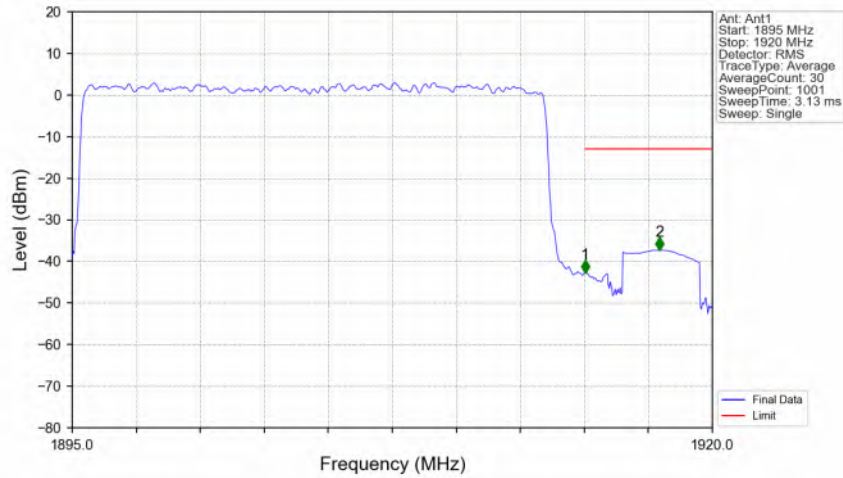
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	945.150	-53.24	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Edge_1RB_Right_Ant1



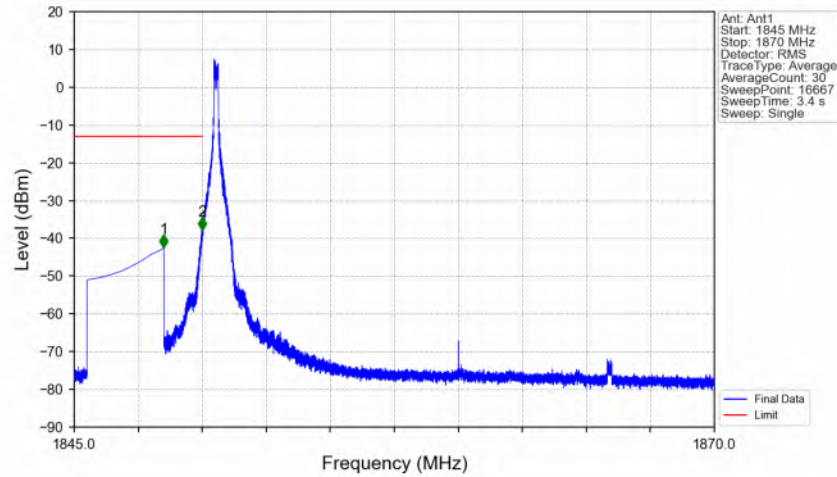
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1616.000	-51.96	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19146.500	-42.19	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1905MHz_Outer_Full_Ant1



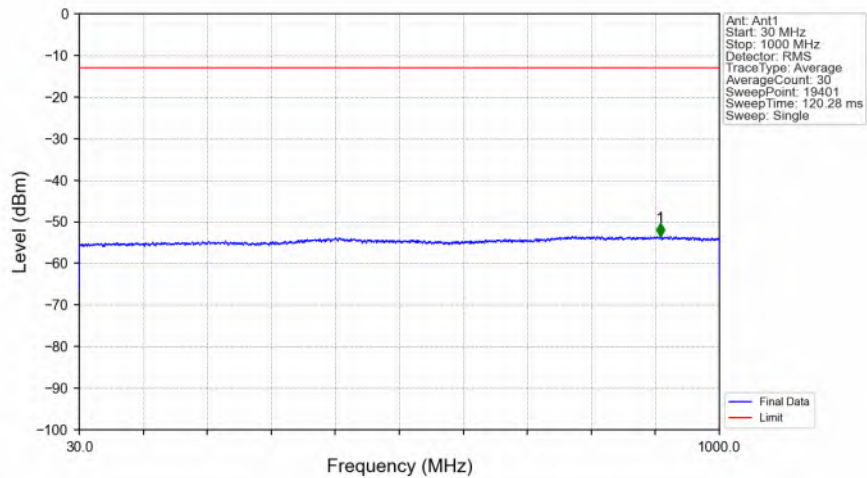
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.188	CHP	/	/	/	/	/
1915	1916	0.188	CHP	1	1915.025	-42.72	-13	Pass
1916	1920	1	CHP	2	1917.925	-37.28	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1860MHz_Edge_1RB_Left_Ant1



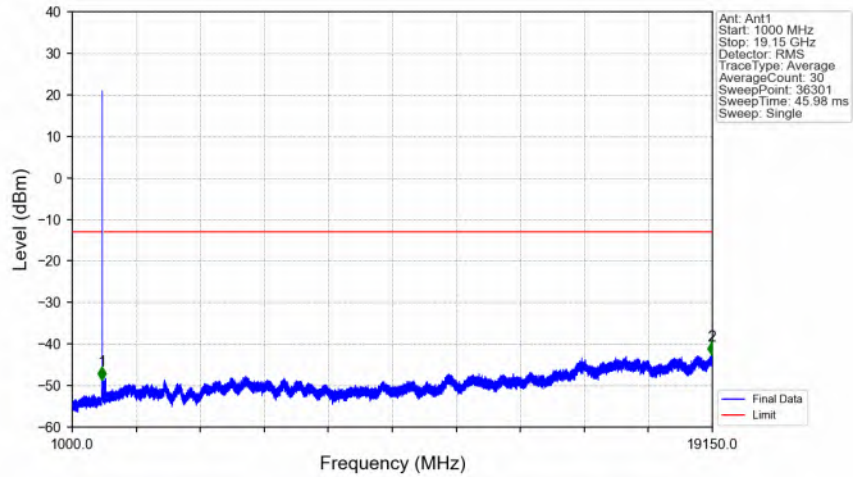
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.498	-42.47	-13	Pass
1849	1850	0.003	/	2	1849.989	-37.88	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1860MHz_Edge_1RB_Left_Ant1



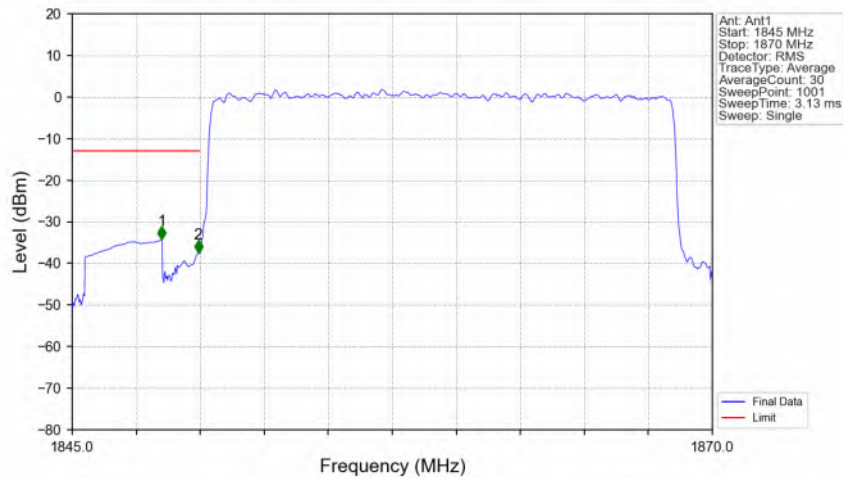
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	910.400	-53.45	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Edge_1RB_Left_Ant1



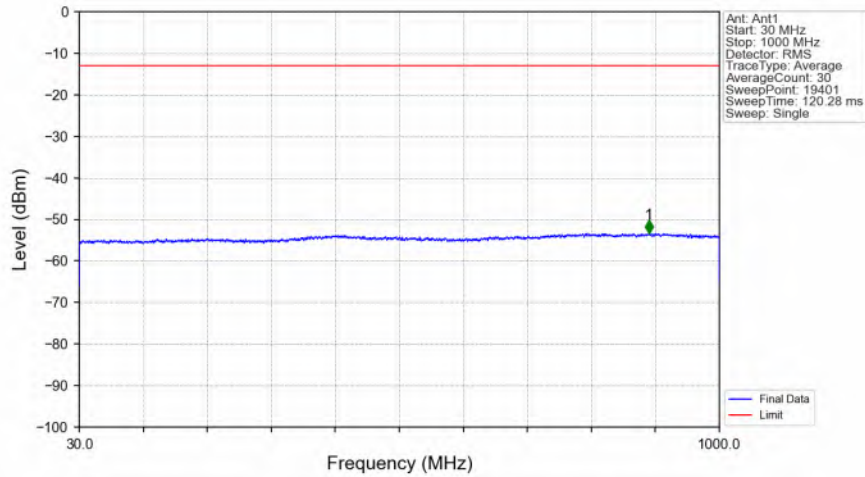
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1842.500	-48.63	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19133.500	-42.71	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1860MHz_Outer_Full_Ant1

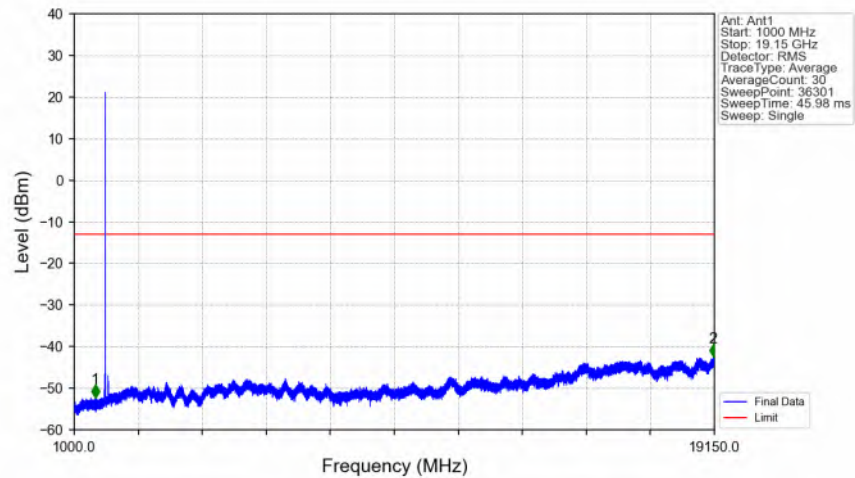


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-34.26	-13	Pass
1849	1850	0.188	CHP	2	1849.925	-37.48	-13	Pass
1850	1870	0.188	CHP	/	/	/	/	/

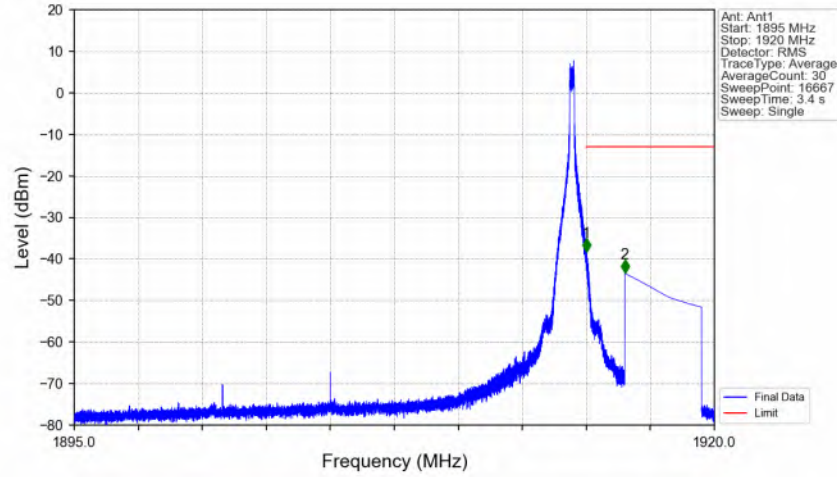
n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1882.5MHz_Edge_1RB_Left_Ant1



n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_1882.5MHz_Edge_1RB_Left_Ant1

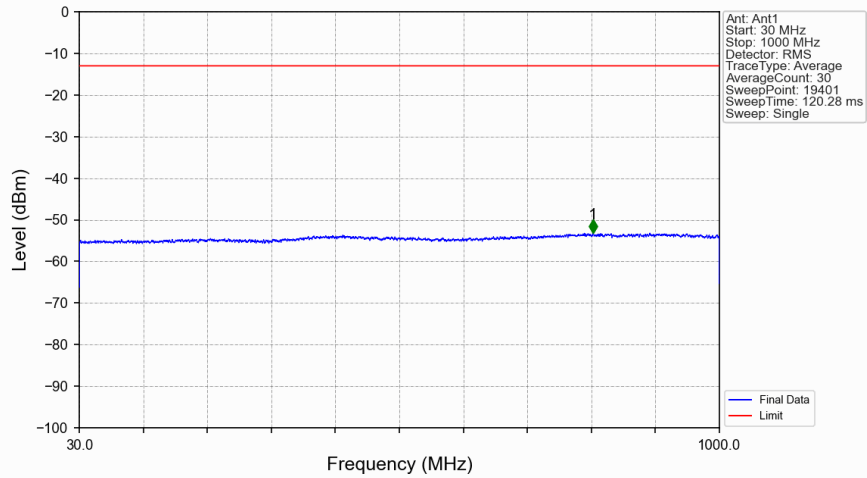


n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1905MHz_Edge_1RB_Right_Ant1



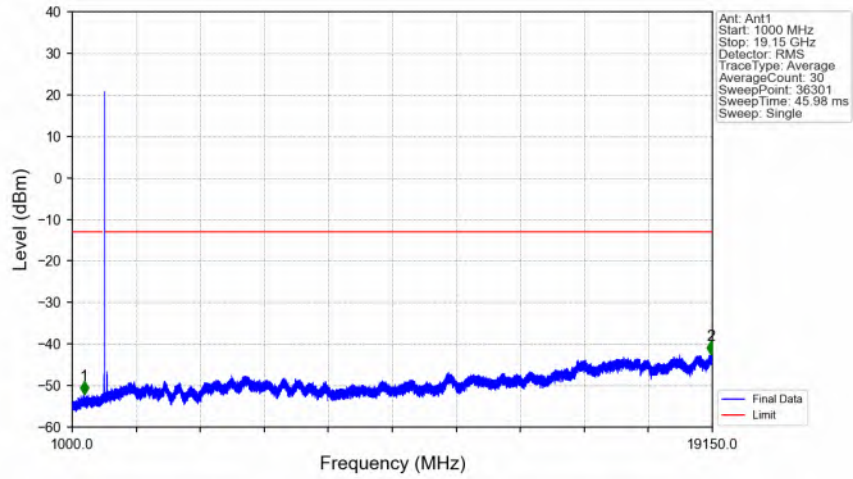
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-38.16	-13	Pass
1916	1920	1	CHP	2	1916.500	-43.27	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1905MHz_Edge_1RB_Right_Ant1



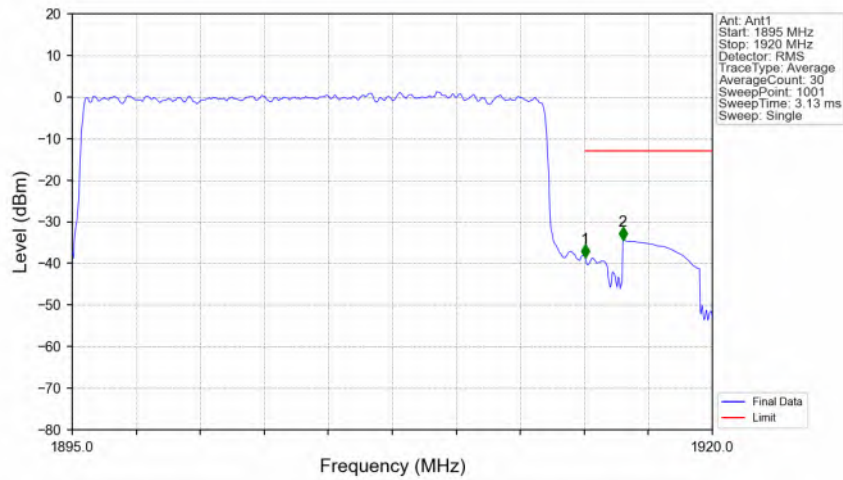
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	808.450	-53.13	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1905MHz_Edge_1RB_Right_Ant1



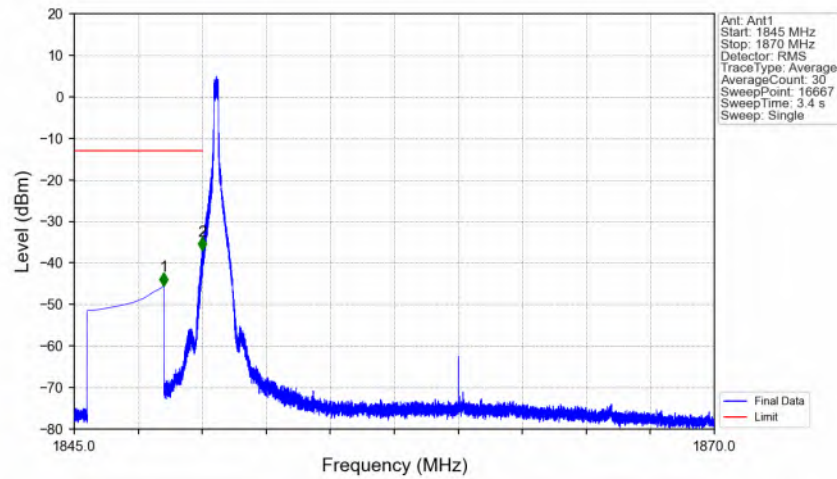
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1333.000	-52.07	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19115.000	-42.48	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1905MHz_Outer_Full_Ant1



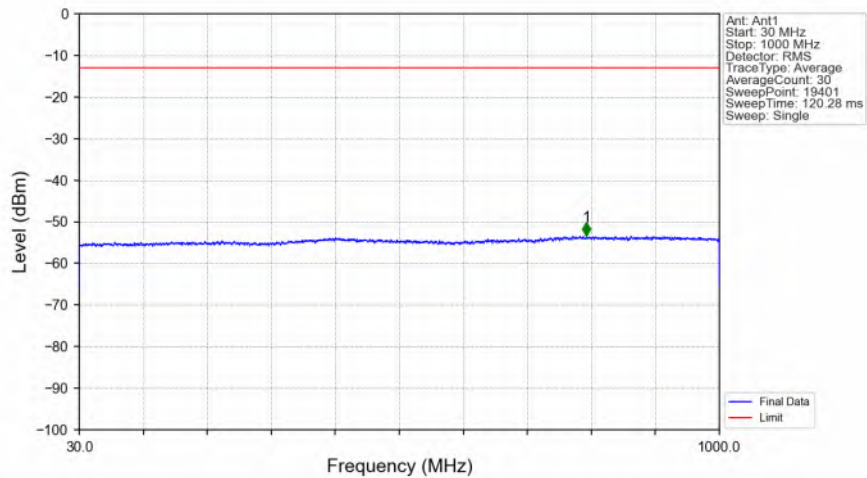
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.188	CHP	/	/	/	/	/
1915	1916	0.188	CHP	1	1915.025	-38.64	-13	Pass
1916	1920	1	CHP	2	1916.500	-34.41	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1860MHz_Edge_1RB_Left_Ant1



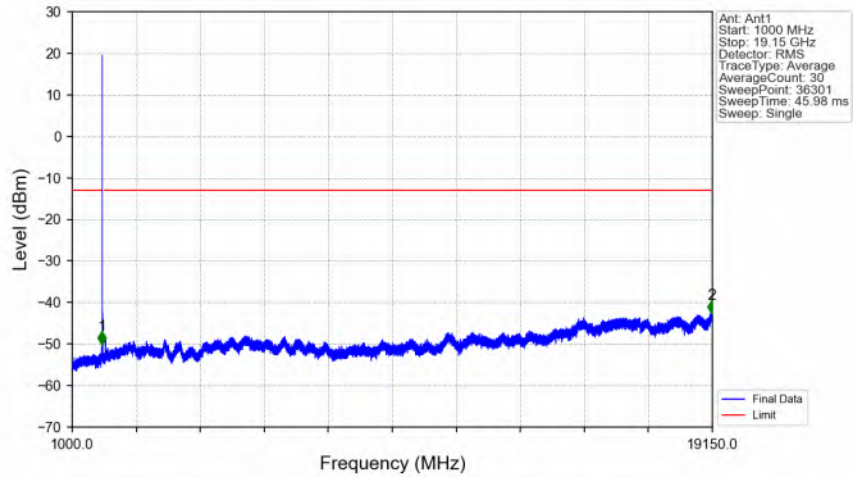
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.498	-45.43	-13	Pass
1849	1850	0.003	/	2	1849.994	-36.89	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1860MHz_Edge_1RB_Left_Ant1



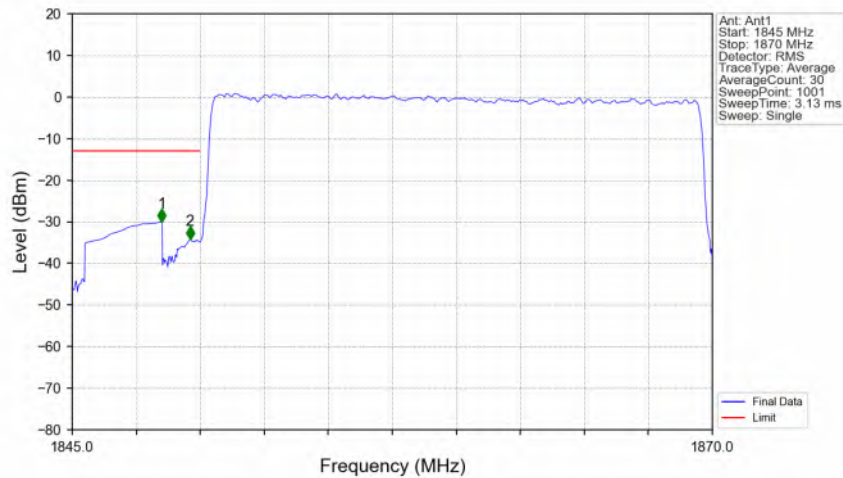
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	798.600	-53.40	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1860MHz_Edge_1RB_Left_Ant1



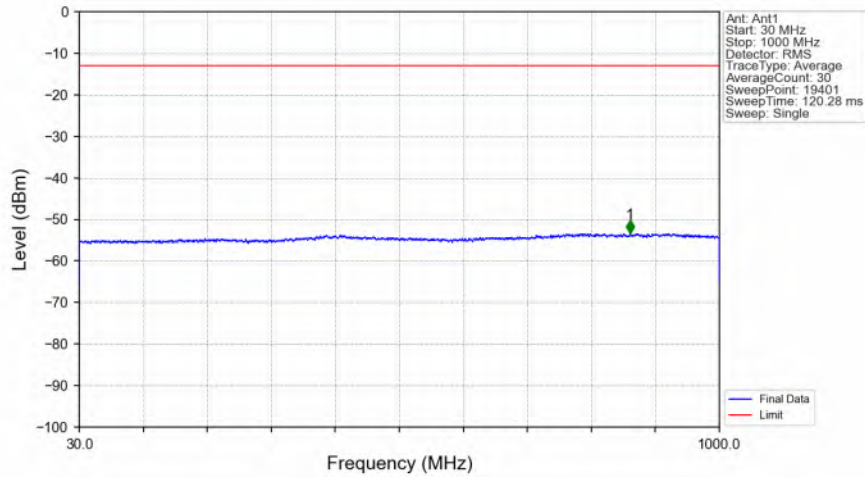
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1843.000	-50.04	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19125.000	-42.57	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1860MHz_Outer_Full_Ant1



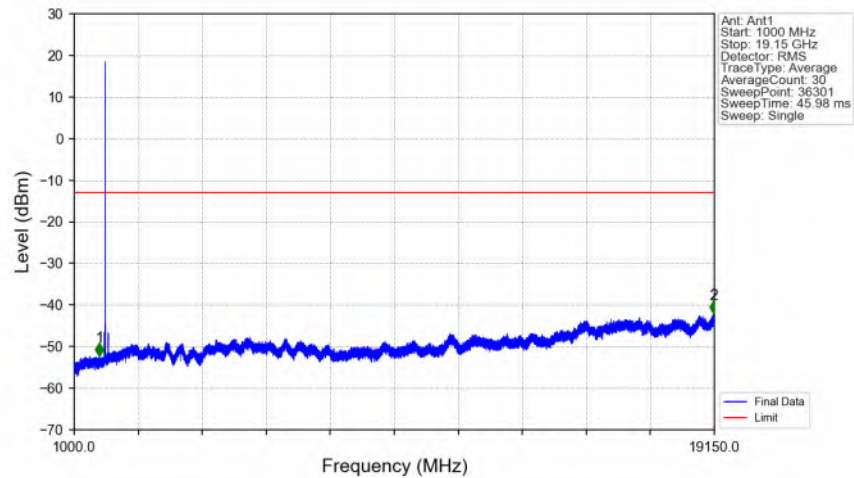
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-30.05	-13	Pass
1849	1850	0.188	CHP	2	1849.600	-34.30	-13	Pass
1850	1870	0.188	CHP	/	/	/	/	/

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1882.5MHz_Edge_1RB_Left_Ant1



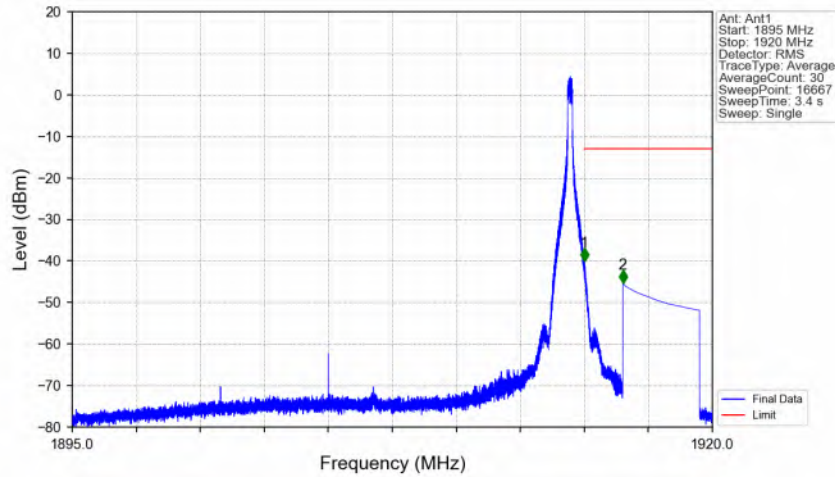
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	864.300	-53.34	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1882.5MHz_Edge_1RB_Left_Ant1



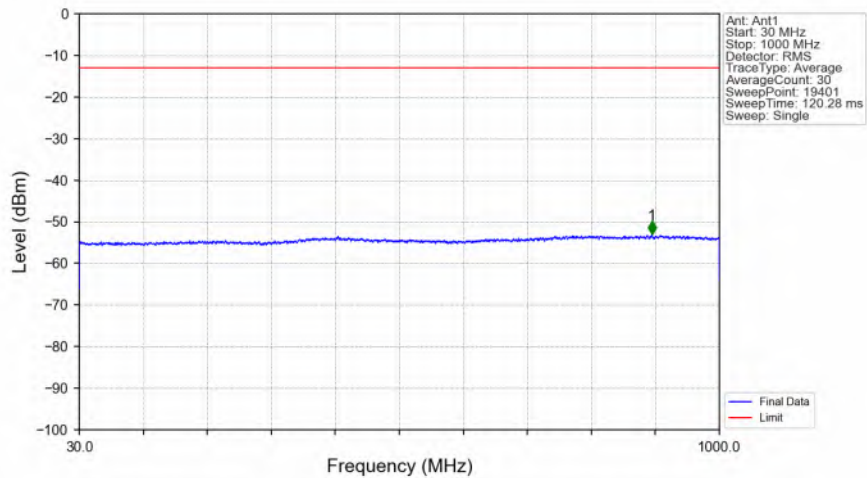
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1711.000	-52.21	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19137.000	-42.02	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1905MHz_Edge_1RB_Right_Ant1



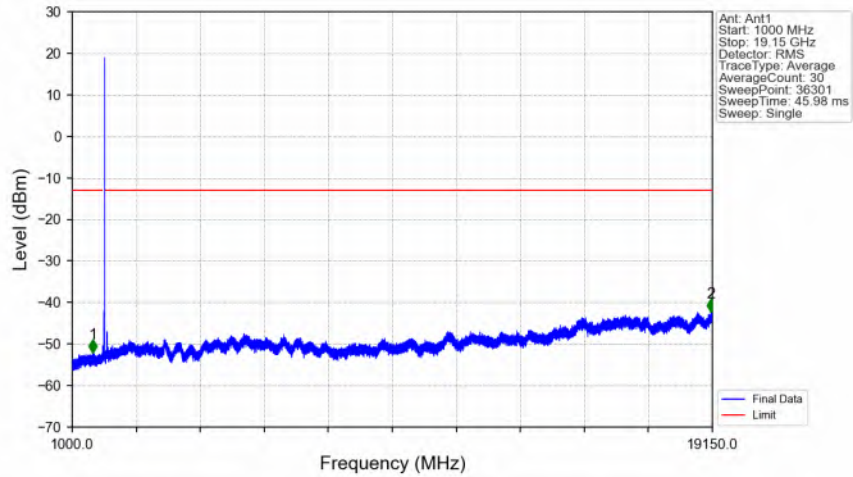
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-40.08	-13	Pass
1916	1920	1	CHP	2	1916.500	-45.39	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1905MHz_Edge_1RB_Right_Ant1



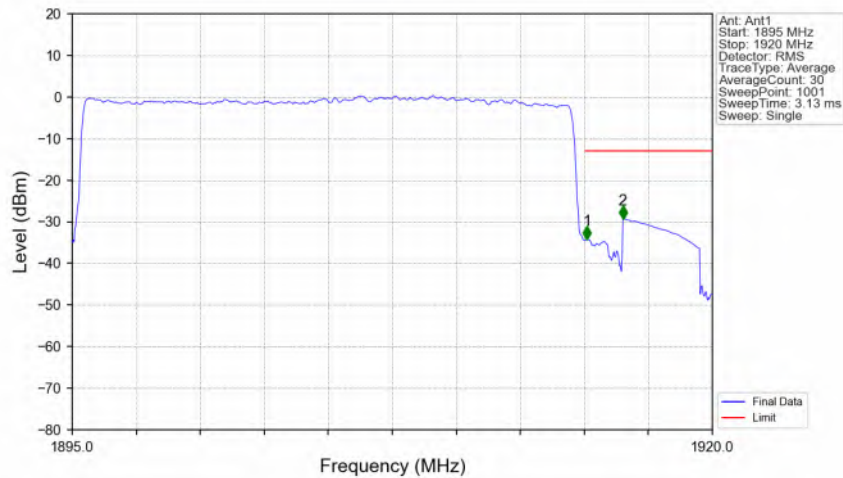
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	897.650	-53.00	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1905MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1849	1	/	1	1583.500	-52.17	-13	Pass
1849	1920	1	/	/	/	/	/	/
1920	19150	1	/	2	19116.000	-42.24	-13	Pass

n25_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1905MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.188	CHP	/	/	/	/	/
1915	1916	0.188	CHP	1	1915.100	-34.18	-13	Pass
1916	1920	1	CHP	2	1916.500	-29.29	-13	Pass



6. Frequency Stability (IC)

6.1 Test Result

6.1.1 15_S_20M

5G NR n25 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM QPSK	1882.5	Outer_Full	20	LV	1872.802	1891.163	1870 to 1895	Pass
				HV	1872.803	1891.153	1870 to 1895	Pass
			-30	NV	1872.800	1891.153	1870 to 1895	Pass
			-20	NV	1872.800	1891.162	1870 to 1895	Pass
			-10	NV	1872.789	1891.161	1870 to 1895	Pass
			0	NV	1872.810	1891.154	1870 to 1895	Pass
			10	NV	1872.801	1891.160	1870 to 1895	Pass
			20	NV	1872.798	1891.165	1870 to 1895	Pass
			30	NV	1872.802	1891.159	1870 to 1895	Pass
			40	NV	1872.808	1891.158	1870 to 1895	Pass
			50	NV	1872.803	1891.158	1870 to 1895	Pass

---End of Attachment---