

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	826.5	Edge 1RB Left	22.55	/	/	12.10	/	/	<=38.45	Pass
		Edge 1RB Right	22.64	/	/	12.19	/	/	<=38.45	Pass
		Outer Full	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner Full	22.68	/	/	12.23	/	/	<=38.45	Pass
		Inner 1RB Left	22.59	/	/	12.14	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	22.65	/	/	12.20	/	/	<=38.45	Pass
		Edge 1RB Left	22.45	/	/	12.00	/	/	<=38.45	Pass
		Edge 1RB Right	22.59	/	/	12.14	/	/	<=38.45	Pass
		Outer Full	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner Full	22.61	/	/	12.16	/	/	<=38.45	Pass
	846.5	Inner 1RB Left	22.50	/	/	12.05	/	/	<=38.45	Pass
		Inner 1RB Right	22.58	/	/	12.13	/	/	<=38.45	Pass
		Edge 1RB Left	22.49	/	/	12.04	/	/	<=38.45	Pass
		Edge 1RB Right	22.43	/	/	11.98	/	/	<=38.45	Pass
		Outer Full	22.54	/	/	12.09	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Inner Full	22.49	/	/	12.04	/	/	<=38.45	Pass
		Inner 1RB Left	22.49	/	/	12.04	/	/	<=38.45	Pass
		Inner 1RB Right	22.50	/	/	12.05	/	/	<=38.45	Pass
		Edge 1RB Left	22.41	/	/	11.96	/	/	<=38.45	Pass
		Edge 1RB Right	22.74	/	/	12.29	/	/	<=38.45	Pass
	836.5	Outer Full	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner Full	22.64	/	/	12.19	/	/	<=38.45	Pass
		Inner 1RB Left	22.42	/	/	11.97	/	/	<=38.45	Pass
		Inner 1RB Right	22.56	/	/	12.11	/	/	<=38.45	Pass
		Edge 1RB Left	22.41	/	/	11.96	/	/	<=38.45	Pass
	846.5	Edge 1RB Right	22.66	/	/	12.21	/	/	<=38.45	Pass
		Outer Full	22.60	/	/	12.15	/	/	<=38.45	Pass
		Inner Full	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner 1RB Left	22.47	/	/	12.02	/	/	<=38.45	Pass
		Inner 1RB Right	22.49	/	/	12.04	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge 1RB Left	22.34	/	/	11.89	/	/	<=38.45	Pass
		Edge 1RB Right	22.37	/	/	11.92	/	/	<=38.45	Pass
		Outer Full	22.50	/	/	12.05	/	/	<=38.45	Pass
		Inner Full	22.41	/	/	11.96	/	/	<=38.45	Pass
		Inner 1RB Left	22.41	/	/	11.96	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	22.34	/	/	11.89	/	/	<=38.45	Pass
		Edge 1RB Left	22.35	/	/	11.90	/	/	<=38.45	Pass
		Edge 1RB Right	23.04	/	/	12.59	/	/	<=38.45	Pass
		Outer Full	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner Full	22.67	/	/	12.22	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Inner 1RB Left	23.00	/	/	12.55	/	/	<=38.45	Pass
		Inner 1RB Right	23.05	/	/	12.60	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.93	/	/	12.48	/	/	<=38.45	Pass
		Edge 1RB Right	22.50	/	/	12.05	/	/	<=38.45	Pass
		Outer Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner Full	22.57	/	/	12.12	/	/	<=38.45	Pass
		Inner 1RB Left	22.98	/	/	12.53	/	/	<=38.45	Pass

	846.5	Inner 1RB Right	23.15	/	/	12.70	/	/	<=38.45	Pass
		Edge 1RB Left	22.93	/	/	12.48	/	/	<=38.45	Pass
		Edge 1RB Right	22.93	/	/	12.48	/	/	<=38.45	Pass
		Outer Full	22.36	/	/	11.91	/	/	<=38.45	Pass
		Inner Full	22.44	/	/	11.99	/	/	<=38.45	Pass
		Inner 1RB Left	22.91	/	/	12.46	/	/	<=38.45	Pass
		Inner 1RB Right	22.93	/	/	12.48	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge 1RB Left	21.90	/	/	11.45	/	/	<=38.45	Pass
		Edge 1RB Right	22.05	/	/	11.60	/	/	<=38.45	Pass
		Outer Full	22.15	/	/	11.70	/	/	<=38.45	Pass
		Inner Full	22.12	/	/	11.67	/	/	<=38.45	Pass
		Inner 1RB Left	22.10	/	/	11.65	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	22.09	/	/	11.64	/	/	<=38.45	Pass
		Edge 1RB Left	21.94	/	/	11.49	/	/	<=38.45	Pass
		Edge 1RB Right	22.00	/	/	11.55	/	/	<=38.45	Pass
		Outer Full	22.09	/	/	11.64	/	/	<=38.45	Pass
		Inner Full	22.06	/	/	11.61	/	/	<=38.45	Pass
	846.5	Inner 1RB Left	21.99	/	/	11.54	/	/	<=38.45	Pass
		Inner 1RB Right	22.17	/	/	11.72	/	/	<=38.45	Pass
		Edge 1RB Left	21.84	/	/	11.39	/	/	<=38.45	Pass
		Edge 1RB Right	21.87	/	/	11.42	/	/	<=38.45	Pass
		Outer Full	21.92	/	/	11.47	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Inner Full	21.93	/	/	11.48	/	/	<=38.45	Pass
		Inner 1RB Left	21.88	/	/	11.43	/	/	<=38.45	Pass
		Inner 1RB Right	21.79	/	/	11.34	/	/	<=38.45	Pass
		Edge 1RB Left	22.48	/	/	12.03	/	/	<=38.45	Pass
		Edge 1RB Right	22.61	/	/	12.16	/	/	<=38.45	Pass
	836.5	Outer Full	22.73	/	/	12.28	/	/	<=38.45	Pass
		Inner Full	22.74	/	/	12.29	/	/	<=38.45	Pass
		Inner 1RB Left	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner 1RB Right	22.64	/	/	12.19	/	/	<=38.45	Pass
		Edge 1RB Left	22.57	/	/	12.12	/	/	<=38.45	Pass
	846.5	Edge 1RB Right	22.63	/	/	12.18	/	/	<=38.45	Pass
		Outer Full	22.69	/	/	12.24	/	/	<=38.45	Pass
		Inner Full	22.65	/	/	12.20	/	/	<=38.45	Pass
		Inner 1RB Left	22.60	/	/	12.15	/	/	<=38.45	Pass
		Inner 1RB Right	22.61	/	/	12.16	/	/	<=38.45	Pass
CP-OFDM 16 QAM	826.5	Edge 1RB Left	22.42	/	/	11.97	/	/	<=38.45	Pass
		Edge 1RB Right	22.38	/	/	11.93	/	/	<=38.45	Pass
		Outer Full	22.46	/	/	12.01	/	/	<=38.45	Pass
		Inner Full	22.54	/	/	12.09	/	/	<=38.45	Pass
		Inner 1RB Left	22.50	/	/	12.05	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	22.44	/	/	11.99	/	/	<=38.45	Pass
		Edge 1RB Left	22.55	/	/	12.10	/	/	<=38.45	Pass
		Edge 1RB Right	22.67	/	/	12.22	/	/	<=38.45	Pass
		Outer Full	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner Full	22.65	/	/	12.20	/	/	<=38.45	Pass
	846.5	Inner 1RB Left	22.57	/	/	12.12	/	/	<=38.45	Pass
		Inner 1RB Right	22.68	/	/	12.23	/	/	<=38.45	Pass
		Edge 1RB Left	22.56	/	/	12.11	/	/	<=38.45	Pass
		Edge 1RB Right	22.57	/	/	12.12	/	/	<=38.45	Pass
		Outer Full	22.62	/	/	12.17	/	/	<=38.45	Pass
	836.5	Inner Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner 1RB Left	22.63	/	/	12.18	/	/	<=38.45	Pass
		Inner 1RB Right	22.64	/	/	12.19	/	/	<=38.45	Pass
		Edge 1RB Left	22.52	/	/	12.07	/	/	<=38.45	Pass
	846.5	Edge 1RB Right	22.43	/	/	11.98	/	/	<=38.45	Pass
		Outer Full	22.42	/	/	11.97	/	/	<=38.45	Pass
		Inner Full	22.39	/	/	11.94	/	/	<=38.45	Pass

		Inner 1RB Left	22.51	/	/	12.06	/	/	<=38.45	Pass
		Inner 1RB Right	22.72	/	/	12.27	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge 1RB Left	22.84	/	/	12.39	/	/	<=38.45	Pass
		Edge 1RB Right	22.77	/	/	12.32	/	/	<=38.45	Pass
		Outer Full	22.63	/	/	12.18	/	/	<=38.45	Pass
		Inner Full	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner 1RB Left	22.87	/	/	12.42	/	/	<=38.45	Pass
		Inner 1RB Right	23.12	/	/	12.68	/	/	<=38.45	Pass
		Edge 1RB Left	22.84	/	/	12.39	/	/	<=38.45	Pass
	836.5	Edge 1RB Right	22.91	/	/	12.46	/	/	<=38.45	Pass
		Outer Full	22.54	/	/	12.09	/	/	<=38.45	Pass
		Inner Full	22.53	/	/	12.08	/	/	<=38.45	Pass
		Inner 1RB Left	23.08	/	/	12.63	/	/	<=38.45	Pass
		Inner 1RB Right	22.93	/	/	12.48	/	/	<=38.45	Pass
		Edge 1RB Left	22.78	/	/	12.33	/	/	<=38.45	Pass
	846.5	Edge 1RB Right	22.79	/	/	12.34	/	/	<=38.45	Pass
		Outer Full	22.43	/	/	11.98	/	/	<=38.45	Pass
		Inner Full	22.43	/	/	11.98	/	/	<=38.45	Pass
		Inner 1RB Left	22.97	/	/	12.52	/	/	<=38.45	Pass
		Inner 1RB Right	22.81	/	/	12.36	/	/	<=38.45	Pass
			Edge 1RB Left	21.90	/	/	11.45	/	/	<=38.45
CP-OFDM 256 QAM	826.5	Edge 1RB Right	22.03	/	/	11.58	/	/	<=38.45	Pass
		Outer Full	22.11	/	/	11.66	/	/	<=38.45	Pass
		Inner Full	22.09	/	/	11.64	/	/	<=38.45	Pass
		Inner 1RB Left	21.88	/	/	11.43	/	/	<=38.45	Pass
		Inner 1RB Right	22.03	/	/	11.58	/	/	<=38.45	Pass
		Edge 1RB Left	21.97	/	/	11.52	/	/	<=38.45	Pass
	836.5	Edge 1RB Right	21.95	/	/	11.50	/	/	<=38.45	Pass
		Outer Full	22.07	/	/	11.62	/	/	<=38.45	Pass
		Inner Full	22.03	/	/	11.58	/	/	<=38.45	Pass
		Inner 1RB Left	21.97	/	/	11.52	/	/	<=38.45	Pass
		Inner 1RB Right	21.95	/	/	11.50	/	/	<=38.45	Pass
		Edge 1RB Left	21.94	/	/	11.49	/	/	<=38.45	Pass
	846.5	Edge 1RB Right	21.85	/	/	11.40	/	/	<=38.45	Pass
		Outer Full	21.92	/	/	11.47	/	/	<=38.45	Pass
		Inner Full	21.89	/	/	11.44	/	/	<=38.45	Pass
		Inner 1RB Left	21.85	/	/	11.40	/	/	<=38.45	Pass
		Inner 1RB Right	21.88	/	/	11.43	/	/	<=38.45	Pass
		Note1: Antenna Gain: Ant0: -8.30dBi;								
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	829	Edge 1RB Left	22.66	/	/	12.21	/	/	<=38.45	Pass
		Edge 1RB Right	22.71	/	/	12.26	/	/	<=38.45	Pass
		Outer Full	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner Full	22.60	/	/	12.15	/	/	<=38.45	Pass
		Inner 1RB Left	22.71	/	/	12.26	/	/	<=38.45	Pass
		Inner 1RB Right	22.72	/	/	12.27	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.76	/	/	12.31	/	/	<=38.45	Pass
		Edge 1RB Right	22.57	/	/	12.12	/	/	<=38.45	Pass
		Outer Full	22.63	/	/	12.18	/	/	<=38.45	Pass
		Inner Full	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner 1RB Left	22.77	/	/	12.32	/	/	<=38.45	Pass
		Inner 1RB Right	22.60	/	/	12.15	/	/	<=38.45	Pass

	844	Edge 1RB Left	22.61	/	/	12.16	/	/	<=38.45	Pass
		Edge 1RB Right	22.55	/	/	12.10	/	/	<=38.45	Pass
		Outer Full	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner Full	22.50	/	/	12.05	/	/	<=38.45	Pass
		Inner 1RB Left	22.62	/	/	12.17	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Inner 1RB Right	22.54	/	/	12.09	/	/	<=38.45	Pass
		Edge 1RB Left	22.51	/	/	12.06	/	/	<=38.45	Pass
		Edge 1RB Right	22.58	/	/	12.13	/	/	<=38.45	Pass
		Outer Full	22.63	/	/	12.18	/	/	<=38.45	Pass
		Inner Full	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner 1RB Left	22.56	/	/	12.11	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	22.61	/	/	12.16	/	/	<=38.45	Pass
		Edge 1RB Left	22.53	/	/	12.08	/	/	<=38.45	Pass
		Edge 1RB Right	22.49	/	/	12.04	/	/	<=38.45	Pass
		Outer Full	22.54	/	/	12.09	/	/	<=38.45	Pass
		Inner Full	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner 1RB Left	22.94	/	/	12.49	/	/	<=38.45	Pass
	844	Inner 1RB Right	22.50	/	/	12.05	/	/	<=38.45	Pass
		Edge 1RB Left	22.42	/	/	11.97	/	/	<=38.45	Pass
		Edge 1RB Right	22.39	/	/	11.94	/	/	<=38.45	Pass
		Outer Full	22.49	/	/	12.04	/	/	<=38.45	Pass
		Inner Full	22.51	/	/	12.06	/	/	<=38.45	Pass
		Inner 1RB Left	22.50	/	/	12.05	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Inner 1RB Right	22.48	/	/	12.03	/	/	<=38.45	Pass
		Edge 1RB Left	23.01	/	/	12.56	/	/	<=38.45	Pass
		Edge 1RB Right	23.05	/	/	12.60	/	/	<=38.45	Pass
		Outer Full	22.68	/	/	12.23	/	/	<=38.45	Pass
		Inner Full	22.53	/	/	12.08	/	/	<=38.45	Pass
		Inner 1RB Left	23.09	/	/	12.64	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	23.07	/	/	12.62	/	/	<=38.45	Pass
		Edge 1RB Left	22.36	/	/	11.91	/	/	<=38.45	Pass
		Edge 1RB Right	23.10	/	/	12.65	/	/	<=38.45	Pass
		Outer Full	22.49	/	/	12.04	/	/	<=38.45	Pass
		Inner Full	22.47	/	/	12.02	/	/	<=38.45	Pass
		Inner 1RB Left	23.06	/	/	12.61	/	/	<=38.45	Pass
	844	Inner 1RB Right	22.98	/	/	12.53	/	/	<=38.45	Pass
		Edge 1RB Left	23.10	/	/	12.65	/	/	<=38.45	Pass
		Edge 1RB Right	23.06	/	/	12.61	/	/	<=38.45	Pass
		Outer Full	22.52	/	/	12.07	/	/	<=38.45	Pass
		Inner Full	22.43	/	/	11.98	/	/	<=38.45	Pass
		Inner 1RB Left	23.15	/	/	12.70	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Inner 1RB Right	22.62	/	/	12.17	/	/	<=38.45	Pass
		Edge 1RB Left	21.98	/	/	11.53	/	/	<=38.45	Pass
		Edge 1RB Right	22.05	/	/	11.60	/	/	<=38.45	Pass
		Outer Full	22.15	/	/	11.70	/	/	<=38.45	Pass
		Inner Full	22.10	/	/	11.65	/	/	<=38.45	Pass
		Inner 1RB Left	22.05	/	/	11.60	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	22.05	/	/	11.60	/	/	<=38.45	Pass
		Edge 1RB Left	22.07	/	/	11.62	/	/	<=38.45	Pass
		Edge 1RB Right	22.01	/	/	11.56	/	/	<=38.45	Pass
		Outer Full	22.08	/	/	11.63	/	/	<=38.45	Pass
		Inner Full	22.03	/	/	11.58	/	/	<=38.45	Pass
		Inner 1RB Left	22.07	/	/	11.62	/	/	<=38.45	Pass
	844	Inner 1RB Right	21.98	/	/	11.53	/	/	<=38.45	Pass
		Edge 1RB Left	21.96	/	/	11.51	/	/	<=38.45	Pass
		Edge 1RB Right	21.90	/	/	11.45	/	/	<=38.45	Pass
		Outer Full	22.04	/	/	11.59	/	/	<=38.45	Pass
		Inner Full	21.97	/	/	11.52	/	/	<=38.45	Pass
		Inner 1RB Left	22.01	/	/	11.56	/	/	<=38.45	Pass

		Inner 1RB Right	21.95	/	/	11.50	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge 1RB Left	22.60	/	/	12.15	/	/	<=38.45	Pass
		Edge 1RB Right	22.64	/	/	12.19	/	/	<=38.45	Pass
		Outer Full	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner Full	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner 1RB Left	22.64	/	/	12.19	/	/	<=38.45	Pass
		Inner 1RB Right	22.62	/	/	12.18	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.63	/	/	12.18	/	/	<=38.45	Pass
		Edge 1RB Right	22.56	/	/	12.11	/	/	<=38.45	Pass
		Outer Full	22.63	/	/	12.18	/	/	<=38.45	Pass
		Inner Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner 1RB Left	22.66	/	/	12.21	/	/	<=38.45	Pass
		Inner 1RB Right	22.57	/	/	12.12	/	/	<=38.45	Pass
	844	Edge 1RB Left	22.57	/	/	12.12	/	/	<=38.45	Pass
		Edge 1RB Right	22.50	/	/	12.05	/	/	<=38.45	Pass
		Outer Full	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner Full	22.47	/	/	12.02	/	/	<=38.45	Pass
		Inner 1RB Left	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner 1RB Right	22.51	/	/	12.06	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge 1RB Left	22.67	/	/	12.22	/	/	<=38.45	Pass
		Edge 1RB Right	22.69	/	/	12.24	/	/	<=38.45	Pass
		Outer Full	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner Full	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner 1RB Left	22.67	/	/	12.22	/	/	<=38.45	Pass
		Inner 1RB Right	22.75	/	/	12.30	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.71	/	/	12.26	/	/	<=38.45	Pass
		Edge 1RB Right	22.63	/	/	12.18	/	/	<=38.45	Pass
		Outer Full	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner Full	22.53	/	/	12.08	/	/	<=38.45	Pass
		Inner 1RB Left	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner 1RB Right	22.62	/	/	12.18	/	/	<=38.45	Pass
	844	Edge 1RB Left	22.60	/	/	12.15	/	/	<=38.45	Pass
		Edge 1RB Right	22.57	/	/	12.12	/	/	<=38.45	Pass
		Outer Full	22.52	/	/	12.07	/	/	<=38.45	Pass
		Inner Full	22.51	/	/	12.06	/	/	<=38.45	Pass
		Inner 1RB Left	22.65	/	/	12.20	/	/	<=38.45	Pass
		Inner 1RB Right	22.52	/	/	12.07	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge 1RB Left	22.96	/	/	12.51	/	/	<=38.45	Pass
		Edge 1RB Right	22.96	/	/	12.51	/	/	<=38.45	Pass
		Outer Full	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner 1RB Left	22.95	/	/	12.50	/	/	<=38.45	Pass
		Inner 1RB Right	22.98	/	/	12.53	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.83	/	/	12.38	/	/	<=38.45	Pass
		Edge 1RB Right	22.98	/	/	12.53	/	/	<=38.45	Pass
		Outer Full	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner Full	22.52	/	/	12.07	/	/	<=38.45	Pass
		Inner 1RB Left	22.93	/	/	12.48	/	/	<=38.45	Pass
		Inner 1RB Right	23.07	/	/	12.62	/	/	<=38.45	Pass
	844	Edge 1RB Left	22.96	/	/	12.51	/	/	<=38.45	Pass
		Edge 1RB Right	22.93	/	/	12.48	/	/	<=38.45	Pass
		Outer Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner Full	22.43	/	/	11.98	/	/	<=38.45	Pass
		Inner 1RB Left	23.03	/	/	12.58	/	/	<=38.45	Pass
		Inner 1RB Right	22.90	/	/	12.45	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge 1RB Left	22.00	/	/	11.55	/	/	<=38.45	Pass
		Edge 1RB Right	22.05	/	/	11.60	/	/	<=38.45	Pass
		Outer Full	22.15	/	/	11.70	/	/	<=38.45	Pass
		Inner Full	22.05	/	/	11.60	/	/	<=38.45	Pass

		Inner 1RB Left	22.21	/	/	11.76	/	/	<=38.45	Pass
		Inner 1RB Right	22.11	/	/	11.66	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.06	/	/	11.61	/	/	<=38.45	Pass
		Edge 1RB Right	22.00	/	/	11.55	/	/	<=38.45	Pass
		Outer_Full	22.06	/	/	11.61	/	/	<=38.45	Pass
		Inner_Full	22.00	/	/	11.55	/	/	<=38.45	Pass
		Inner 1RB Left	22.07	/	/	11.62	/	/	<=38.45	Pass
		Inner 1RB Right	21.97	/	/	11.52	/	/	<=38.45	Pass
	844	Edge 1RB Left	21.96	/	/	11.51	/	/	<=38.45	Pass
		Edge 1RB Right	21.88	/	/	11.43	/	/	<=38.45	Pass
		Outer_Full	22.02	/	/	11.57	/	/	<=38.45	Pass
		Inner_Full	21.96	/	/	11.51	/	/	<=38.45	Pass
		Inner 1RB Left	22.03	/	/	11.58	/	/	<=38.45	Pass
		Inner 1RB Right	21.97	/	/	11.52	/	/	<=38.45	Pass

Note1: Antenna Gain: Ant0: -8.30dBi;
Note2: ERP=Conducted Power+Antenna Gain-2 15

1.1.3 15_S_15M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	831.5	Edge 1RB Left	22.42	/	/	11.97	/	/	<=38.45	Pass
		Edge 1RB Right	22.47	/	/	12.02	/	/	<=38.45	Pass
		Outer Full	22.64	/	/	12.19	/	/	<=38.45	Pass
		Inner Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner 1RB Left	22.53	/	/	12.08	/	/	<=38.45	Pass
		Inner 1RB Right	22.43	/	/	11.98	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.62	/	/	12.17	/	/	<=38.45	Pass
		Edge 1RB Right	22.45	/	/	12.00	/	/	<=38.45	Pass
		Outer Full	22.68	/	/	12.23	/	/	<=38.45	Pass
		Inner Full	22.57	/	/	12.12	/	/	<=38.45	Pass
		Inner 1RB Left	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner 1RB Right	22.52	/	/	12.07	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	22.56	/	/	12.11	/	/	<=38.45	Pass
		Edge 1RB Right	22.36	/	/	11.91	/	/	<=38.45	Pass
		Outer Full	22.67	/	/	12.22	/	/	<=38.45	Pass
		Inner Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner 1RB Left	22.63	/	/	12.18	/	/	<=38.45	Pass
		Inner 1RB Right	22.41	/	/	11.96	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge 1RB Left	22.29	/	/	11.84	/	/	<=38.45	Pass
		Edge 1RB Right	22.30	/	/	11.85	/	/	<=38.45	Pass
		Outer Full	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner Full	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner 1RB Left	22.43	/	/	11.98	/	/	<=38.45	Pass
		Inner 1RB Right	22.34	/	/	11.89	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.46	/	/	12.01	/	/	<=38.45	Pass
		Edge 1RB Right	22.32	/	/	11.87	/	/	<=38.45	Pass
		Outer Full	22.63	/	/	12.18	/	/	<=38.45	Pass
		Inner Full	22.48	/	/	12.03	/	/	<=38.45	Pass
		Inner 1RB Left	22.43	/	/	11.98	/	/	<=38.45	Pass
		Inner 1RB Right	22.31	/	/	11.86	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	22.43	/	/	11.98	/	/	<=38.45	Pass
		Edge 1RB Right	22.30	/	/	11.85	/	/	<=38.45	Pass
		Outer Full	22.62	/	/	12.17	/	/	<=38.45	Pass
		Inner Full	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner 1RB Left	22.45	/	/	12.00	/	/	<=38.45	Pass
		Inner 1RB Right	22.26	/	/	11.81	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM	831.5	Edge 1RB Left	22.83	/	/	12.38	/	/	<=38.45	Pass
		Edge 1RB Right	22.91	/	/	12.46	/	/	<=38.45	Pass
		Outer Full	22.62	/	/	12.17	/	/	<=38.45	Pass
		Inner Full	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner 1RB Left	22.94	/	/	12.49	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	22.95	/	/	12.50	/	/	<=38.45	Pass
		Edge 1RB Left	22.78	/	/	12.33	/	/	<=38.45	Pass
		Edge 1RB Right	22.78	/	/	12.33	/	/	<=38.45	Pass
		Outer Full	22.48	/	/	12.03	/	/	<=38.45	Pass
		Inner Full	22.53	/	/	12.08	/	/	<=38.45	Pass
	841.5	Inner 1RB Left	22.35	/	/	11.90	/	/	<=38.45	Pass
		Inner 1RB Right	22.96	/	/	12.51	/	/	<=38.45	Pass
		Edge 1RB Left	22.91	/	/	12.46	/	/	<=38.45	Pass
		Edge 1RB Right	22.91	/	/	12.46	/	/	<=38.45	Pass
		Outer Full	22.57	/	/	12.12	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Inner Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner 1RB Left	22.96	/	/	12.51	/	/	<=38.45	Pass
		Inner 1RB Right	22.95	/	/	12.50	/	/	<=38.45	Pass
		Edge 1RB Left	21.82	/	/	11.37	/	/	<=38.45	Pass
		Edge 1RB Right	22.76	/	/	12.31	/	/	<=38.45	Pass
	836.5	Outer Full	22.12	/	/	11.67	/	/	<=38.45	Pass
		Inner Full	22.71	/	/	12.26	/	/	<=38.45	Pass
		Inner 1RB Left	22.86	/	/	12.41	/	/	<=38.45	Pass
		Inner 1RB Right	22.75	/	/	12.30	/	/	<=38.45	Pass
		Edge 1RB Left	22.12	/	/	11.67	/	/	<=38.45	Pass
	841.5	Edge 1RB Right	21.76	/	/	11.31	/	/	<=38.45	Pass
		Outer Full	21.98	/	/	11.53	/	/	<=38.45	Pass
		Inner Full	22.04	/	/	11.59	/	/	<=38.45	Pass
		Inner 1RB Left	21.94	/	/	11.49	/	/	<=38.45	Pass
		Inner 1RB Right	21.82	/	/	11.37	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge 1RB Left	21.90	/	/	11.45	/	/	<=38.45	Pass
		Edge 1RB Right	21.78	/	/	11.33	/	/	<=38.45	Pass
		Outer Full	22.08	/	/	11.63	/	/	<=38.45	Pass
		Inner Full	22.07	/	/	11.62	/	/	<=38.45	Pass
		Inner 1RB Left	22.09	/	/	11.64	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	21.80	/	/	11.35	/	/	<=38.45	Pass
		Edge 1RB Left	22.59	/	/	12.14	/	/	<=38.45	Pass
		Edge 1RB Right	22.49	/	/	12.04	/	/	<=38.45	Pass
		Outer Full	-36.19	/	/	-46.64	/	/	<=38.45	Pass
		Inner Full	22.68	/	/	12.23	/	/	<=38.45	Pass
	841.5	Inner 1RB Left	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner 1RB Right	22.50	/	/	12.05	/	/	<=38.45	Pass
		Edge 1RB Left	22.44	/	/	11.99	/	/	<=38.45	Pass
		Edge 1RB Right	22.41	/	/	11.96	/	/	<=38.45	Pass
		Outer Full	22.58	/	/	12.13	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Inner Full	22.53	/	/	12.08	/	/	<=38.45	Pass
		Inner 1RB Left	22.50	/	/	12.05	/	/	<=38.45	Pass
		Inner 1RB Right	22.41	/	/	11.96	/	/	<=38.45	Pass
		Edge 1RB Left	22.55	/	/	12.10	/	/	<=38.45	Pass
		Edge 1RB Right	22.36	/	/	11.91	/	/	<=38.45	Pass
	836.5	Outer Full	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner Full	22.54	/	/	12.09	/	/	<=38.45	Pass
		Inner 1RB Left	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner 1RB Right	22.39	/	/	11.94	/	/	<=38.45	Pass
		Edge 1RB Left	22.57	/	/	12.12	/	/	<=38.45	Pass
	841.5	Edge 1RB Right	22.48	/	/	12.03	/	/	<=38.45	Pass
		Outer Full	22.76	/	/	12.31	/	/	<=38.45	Pass
		Inner Full	22.65	/	/	12.20	/	/	<=38.45	Pass
		Inner 1RB Left	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner 1RB Right	22.61	/	/	12.16	/	/	<=38.45	Pass

	836.5	Inner 1RB Right	22.46	/	/	12.01	/	/	<=38.45	Pass
		Edge 1RB Left	22.51	/	/	12.06	/	/	<=38.45	Pass
		Edge 1RB Right	22.40	/	/	11.95	/	/	<=38.45	Pass
		Outer Full	22.57	/	/	12.12	/	/	<=38.45	Pass
		Inner Full	22.54	/	/	12.09	/	/	<=38.45	Pass
		Inner 1RB Left	22.58	/	/	12.13	/	/	<=38.45	Pass
	841.5	Inner 1RB Right	22.36	/	/	11.91	/	/	<=38.45	Pass
		Edge 1RB Left	22.52	/	/	12.07	/	/	<=38.45	Pass
		Edge 1RB Right	22.34	/	/	11.89	/	/	<=38.45	Pass
		Outer Full	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner Full	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner 1RB Left	22.61	/	/	12.16	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Inner 1RB Right	22.44	/	/	11.99	/	/	<=38.45	Pass
		Edge 1RB Left	22.67	/	/	12.22	/	/	<=38.45	Pass
		Edge 1RB Right	22.84	/	/	12.39	/	/	<=38.45	Pass
		Outer Full	22.71	/	/	12.26	/	/	<=38.45	Pass
		Inner Full	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner 1RB Left	22.94	/	/	12.49	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	22.88	/	/	12.43	/	/	<=38.45	Pass
		Edge 1RB Left	22.75	/	/	12.30	/	/	<=38.45	Pass
		Edge 1RB Right	22.75	/	/	12.30	/	/	<=38.45	Pass
		Outer Full	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner Full	22.51	/	/	12.06	/	/	<=38.45	Pass
		Inner 1RB Left	22.81	/	/	12.36	/	/	<=38.45	Pass
	841.5	Inner 1RB Right	22.76	/	/	12.31	/	/	<=38.45	Pass
		Edge 1RB Left	22.66	/	/	12.21	/	/	<=38.45	Pass
		Edge 1RB Right	22.73	/	/	12.28	/	/	<=38.45	Pass
		Outer Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner Full	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner 1RB Left	22.83	/	/	12.38	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Inner 1RB Right	22.76	/	/	12.31	/	/	<=38.45	Pass
		Edge 1RB Left	21.89	/	/	11.44	/	/	<=38.45	Pass
		Edge 1RB Right	21.83	/	/	11.38	/	/	<=38.45	Pass
		Outer Full	22.20	/	/	11.75	/	/	<=38.45	Pass
		Inner Full	22.31	/	/	11.86	/	/	<=38.45	Pass
		Inner 1RB Left	22.16	/	/	11.71	/	/	<=38.45	Pass
	836.5	Inner 1RB Right	21.95	/	/	11.50	/	/	<=38.45	Pass
		Edge 1RB Left	21.91	/	/	11.46	/	/	<=38.45	Pass
		Edge 1RB Right	21.72	/	/	11.27	/	/	<=38.45	Pass
		Outer Full	22.05	/	/	11.60	/	/	<=38.45	Pass
		Inner Full	22.00	/	/	11.55	/	/	<=38.45	Pass
		Inner 1RB Left	21.89	/	/	11.44	/	/	<=38.45	Pass
	841.5	Inner 1RB Right	21.79	/	/	11.34	/	/	<=38.45	Pass
		Edge 1RB Left	21.93	/	/	11.48	/	/	<=38.45	Pass
		Edge 1RB Right	21.79	/	/	11.34	/	/	<=38.45	Pass
		Outer Full	22.10	/	/	11.65	/	/	<=38.45	Pass
		Inner Full	22.09	/	/	11.64	/	/	<=38.45	Pass
		Inner 1RB Left	21.96	/	/	11.51	/	/	<=38.45	Pass
		Inner 1RB Right	21.93	/	/	11.48	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant0: -8.30dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15_S_20M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	834	Edge 1RB Left	22.66	/	/	12.21	/	/	<=38.45	Pass

		Edge_1RB_Right	22.55	/	/	12.10	/	/	<=38.45	Pass
		Outer_Full	22.75	/	/	12.30	/	/	<=38.45	Pass
		Inner_Full	22.68	/	/	12.23	/	/	<=38.45	Pass
		Inner_1RB_Left	22.73	/	/	12.28	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	22.57	/	/	12.12	/	/	<=38.45	Pass
		Edge_1RB_Left	22.71	/	/	12.26	/	/	<=38.45	Pass
		Edge_1RB_Right	22.53	/	/	12.08	/	/	<=38.45	Pass
		Outer_Full	22.62	/	/	12.17	/	/	<=38.45	Pass
		Inner_Full	22.66	/	/	12.21	/	/	<=38.45	Pass
		Inner_1RB_Left	22.73	/	/	12.28	/	/	<=38.45	Pass
		Inner_1RB_Right	22.49	/	/	12.04	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.59	/	/	12.14	/	/	<=38.45	Pass
		Edge_1RB_Right	22.31	/	/	11.86	/	/	<=38.45	Pass
		Outer_Full	22.54	/	/	12.09	/	/	<=38.45	Pass
		Inner_Full	22.50	/	/	12.05	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Inner_1RB_Left	22.60	/	/	12.15	/	/	<=38.45	Pass
		Inner_1RB_Right	22.37	/	/	11.92	/	/	<=38.45	Pass
		Edge_1RB_Left	22.65	/	/	12.20	/	/	<=38.45	Pass
		Edge_1RB_Right	22.42	/	/	11.97	/	/	<=38.45	Pass
		Outer_Full	22.62	/	/	12.18	/	/	<=38.45	Pass
	836.5	Inner_Full	22.65	/	/	12.20	/	/	<=38.45	Pass
		Inner_1RB_Left	22.53	/	/	12.08	/	/	<=38.45	Pass
		Inner_1RB_Right	22.38	/	/	11.93	/	/	<=38.45	Pass
		Edge_1RB_Left	22.52	/	/	12.07	/	/	<=38.45	Pass
		Edge_1RB_Right	22.40	/	/	11.95	/	/	<=38.45	Pass
	839	Outer_Full	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner_Full	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner_1RB_Left	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner_1RB_Right	22.72	/	/	12.27	/	/	<=38.45	Pass
		Edge_1RB_Left	22.46	/	/	12.01	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Right	22.24	/	/	11.79	/	/	<=38.45	Pass
		Outer_Full	22.48	/	/	12.03	/	/	<=38.45	Pass
		Inner_Full	22.48	/	/	12.03	/	/	<=38.45	Pass
		Inner_1RB_Left	22.43	/	/	11.98	/	/	<=38.45	Pass
		Inner_1RB_Right	22.26	/	/	11.81	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.01	/	/	12.56	/	/	<=38.45	Pass
		Edge_1RB_Right	22.92	/	/	12.47	/	/	<=38.45	Pass
		Outer_Full	22.64	/	/	12.19	/	/	<=38.45	Pass
		Inner_Full	22.63	/	/	12.18	/	/	<=38.45	Pass
		Inner_1RB_Left	23.10	/	/	12.65	/	/	<=38.45	Pass
	839	Inner_1RB_Right	22.89	/	/	12.44	/	/	<=38.45	Pass
		Edge_1RB_Left	22.98	/	/	12.53	/	/	<=38.45	Pass
		Edge_1RB_Right	22.86	/	/	12.41	/	/	<=38.45	Pass
		Outer_Full	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner_Full	22.57	/	/	12.12	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Inner_1RB_Left	23.02	/	/	12.57	/	/	<=38.45	Pass
		Inner_1RB_Right	22.84	/	/	12.39	/	/	<=38.45	Pass
		Edge_1RB_Left	22.82	/	/	12.37	/	/	<=38.45	Pass
		Edge_1RB_Right	22.90	/	/	12.45	/	/	<=38.45	Pass
		Outer_Full	22.46	/	/	12.01	/	/	<=38.45	Pass
	836.5	Inner_Full	22.48	/	/	12.03	/	/	<=38.45	Pass
		Inner_1RB_Left	22.87	/	/	12.42	/	/	<=38.45	Pass
		Inner_1RB_Right	22.88	/	/	12.43	/	/	<=38.45	Pass
		Edge_1RB_Left	21.98	/	/	11.53	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	11.50	/	/	<=38.45	Pass
	839	Outer_Full	22.16	/	/	11.71	/	/	<=38.45	Pass
		Inner_Full	22.22	/	/	11.77	/	/	<=38.45	Pass
		Inner_1RB_Left	22.08	/	/	11.63	/	/	<=38.45	Pass
		Inner_1RB_Right	21.95	/	/	11.50	/	/	<=38.45	Pass

	836.5	Edge 1RB Left	22.03	/	/	11.58	/	/	<=38.45	Pass
		Edge 1RB Right	21.86	/	/	11.41	/	/	<=38.45	Pass
		Outer Full	22.04	/	/	11.59	/	/	<=38.45	Pass
		Inner Full	22.11	/	/	11.66	/	/	<=38.45	Pass
		Inner 1RB Left	22.10	/	/	11.65	/	/	<=38.45	Pass
		Inner 1RB Right	21.88	/	/	11.43	/	/	<=38.45	Pass
	839	Edge 1RB Left	21.91	/	/	11.46	/	/	<=38.45	Pass
		Edge 1RB Right	21.76	/	/	11.31	/	/	<=38.45	Pass
		Outer Full	21.95	/	/	11.50	/	/	<=38.45	Pass
		Inner Full	22.00	/	/	11.55	/	/	<=38.45	Pass
		Inner 1RB Left	21.95	/	/	11.50	/	/	<=38.45	Pass
		Inner 1RB Right	21.70	/	/	11.25	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge 1RB Left	22.57	/	/	12.12	/	/	<=38.45	Pass
		Edge 1RB Right	22.49	/	/	12.04	/	/	<=38.45	Pass
		Outer Full	22.70	/	/	12.25	/	/	<=38.45	Pass
		Inner Full	22.68	/	/	12.23	/	/	<=38.45	Pass
		Inner 1RB Left	22.62	/	/	12.17	/	/	<=38.45	Pass
		Inner 1RB Right	22.51	/	/	12.06	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.61	/	/	12.16	/	/	<=38.45	Pass
		Edge 1RB Right	22.49	/	/	12.04	/	/	<=38.45	Pass
		Outer Full	22.57	/	/	12.12	/	/	<=38.45	Pass
		Inner Full	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner 1RB Left	22.66	/	/	12.21	/	/	<=38.45	Pass
		Inner 1RB Right	22.47	/	/	12.02	/	/	<=38.45	Pass
	839	Edge 1RB Left	22.54	/	/	12.09	/	/	<=38.45	Pass
		Edge 1RB Right	22.36	/	/	11.91	/	/	<=38.45	Pass
		Outer Full	22.49	/	/	12.04	/	/	<=38.45	Pass
		Inner Full	22.50	/	/	12.05	/	/	<=38.45	Pass
		Inner 1RB Left	22.56	/	/	12.11	/	/	<=38.45	Pass
		Inner 1RB Right	22.35	/	/	11.90	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge 1RB Left	22.60	/	/	12.15	/	/	<=38.45	Pass
		Edge 1RB Right	22.54	/	/	12.09	/	/	<=38.45	Pass
		Outer Full	22.65	/	/	12.20	/	/	<=38.45	Pass
		Inner Full	22.68	/	/	12.23	/	/	<=38.45	Pass
		Inner 1RB Left	22.58	/	/	12.13	/	/	<=38.45	Pass
		Inner 1RB Right	22.55	/	/	12.10	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.68	/	/	12.23	/	/	<=38.45	Pass
		Edge 1RB Right	22.45	/	/	12.00	/	/	<=38.45	Pass
		Outer Full	22.55	/	/	12.10	/	/	<=38.45	Pass
		Inner Full	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner 1RB Left	22.72	/	/	12.27	/	/	<=38.45	Pass
		Inner 1RB Right	22.50	/	/	12.05	/	/	<=38.45	Pass
	839	Edge 1RB Left	22.58	/	/	12.13	/	/	<=38.45	Pass
		Edge 1RB Right	22.41	/	/	11.96	/	/	<=38.45	Pass
		Outer Full	22.49	/	/	12.04	/	/	<=38.45	Pass
		Inner Full	22.54	/	/	12.09	/	/	<=38.45	Pass
		Inner 1RB Left	22.61	/	/	12.16	/	/	<=38.45	Pass
		Inner 1RB Right	22.35	/	/	11.90	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge 1RB Left	22.89	/	/	12.44	/	/	<=38.45	Pass
		Edge 1RB Right	22.73	/	/	12.28	/	/	<=38.45	Pass
		Outer Full	22.60	/	/	12.15	/	/	<=38.45	Pass
		Inner Full	22.66	/	/	12.21	/	/	<=38.45	Pass
		Inner 1RB Left	22.95	/	/	12.50	/	/	<=38.45	Pass
		Inner 1RB Right	22.81	/	/	12.36	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.88	/	/	12.43	/	/	<=38.45	Pass
		Edge 1RB Right	22.76	/	/	12.31	/	/	<=38.45	Pass
		Outer Full	22.59	/	/	12.14	/	/	<=38.45	Pass
		Inner Full	22.57	/	/	12.12	/	/	<=38.45	Pass
		Inner 1RB Left	22.89	/	/	12.44	/	/	<=38.45	Pass

	839	Inner 1RB Right	22.76	/	/	12.31	/	/	<=38.45	Pass
		Edge 1RB Left	22.80	/	/	12.35	/	/	<=38.45	Pass
		Edge 1RB Right	22.62	/	/	12.17	/	/	<=38.45	Pass
		Outer Full	22.48	/	/	12.03	/	/	<=38.45	Pass
		Inner Full	22.49	/	/	12.04	/	/	<=38.45	Pass
		Inner 1RB Left	22.85	/	/	12.40	/	/	<=38.45	Pass
		Inner 1RB Right	22.72	/	/	12.27	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge 1RB Left	21.98	/	/	11.53	/	/	<=38.45	Pass
		Edge 1RB Right	21.85	/	/	11.40	/	/	<=38.45	Pass
		Outer Full	22.19	/	/	11.74	/	/	<=38.45	Pass
		Inner Full	22.11	/	/	11.66	/	/	<=38.45	Pass
		Inner 1RB Left	21.88	/	/	11.43	/	/	<=38.45	Pass
		Inner 1RB Right	21.76	/	/	11.31	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.07	/	/	11.62	/	/	<=38.45	Pass
		Edge 1RB Right	21.90	/	/	11.45	/	/	<=38.45	Pass
		Outer Full	22.07	/	/	11.62	/	/	<=38.45	Pass
		Inner Full	22.17	/	/	11.72	/	/	<=38.45	Pass
		Inner 1RB Left	22.06	/	/	11.61	/	/	<=38.45	Pass
		Inner 1RB Right	21.87	/	/	11.42	/	/	<=38.45	Pass
	839	Edge 1RB Left	21.93	/	/	11.48	/	/	<=38.45	Pass
		Edge 1RB Right	21.78	/	/	11.33	/	/	<=38.45	Pass
		Outer Full	21.97	/	/	11.52	/	/	<=38.45	Pass
		Inner Full	22.03	/	/	11.58	/	/	<=38.45	Pass
		Inner 1RB Left	21.97	/	/	11.52	/	/	<=38.45	Pass
Inner 1RB Right	21.77	/	/	11.32	/	/	<=38.45	Pass		
Note1: Antenna Gain: Ant0: -8.30dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_20M

5G NR n5 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	836.5	Outer_Full	20	LV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-519.29	-0.6208	>=-2.5 & <=2.5	Pass
			-30	NV	-543.98	-0.6503	>=-2.5 & <=2.5	Pass
			-20	NV	36.96	0.0442	>=-2.5 & <=2.5	Pass
			-10	NV	-584.30	-0.6985	>=-2.5 & <=2.5	Pass
			0	NV	-518.21	-0.6195	>=-2.5 & <=2.5	Pass
			10	NV	393.18	0.4700	>=-2.5 & <=2.5	Pass
			20	NV	-606.90	-0.7255	>=-2.5 & <=2.5	Pass
			30	NV	-580.40	-0.6938	>=-2.5 & <=2.5	Pass
			40	NV	-530.83	-0.6346	>=-2.5 & <=2.5	Pass
			50	NV	-532.87	-0.6370	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	836.5	Outer_Full	4.52	4.99	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.53	4.96	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.52	4.96	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.53	4.97	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.51	4.99	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.51	4.96	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.51	4.99	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.54	4.97	/	Pass

3.1.2 15_S_10M_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	836.5	Outer_Full	9.04	9.75	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.01	9.74	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.00	9.75	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.00	9.71	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.36	10.06	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.36	10.10	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	9.39	10.10	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	9.36	10.10	/	Pass

3.1.3 15_S_15M_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	836.5	Outer_Full	13.51	14.59	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	13.60	14.62	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	13.59	14.62	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	13.58	14.60	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	14.23	15.28	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	14.27	15.30	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	14.24	15.33	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	14.24	15.29	/	Pass

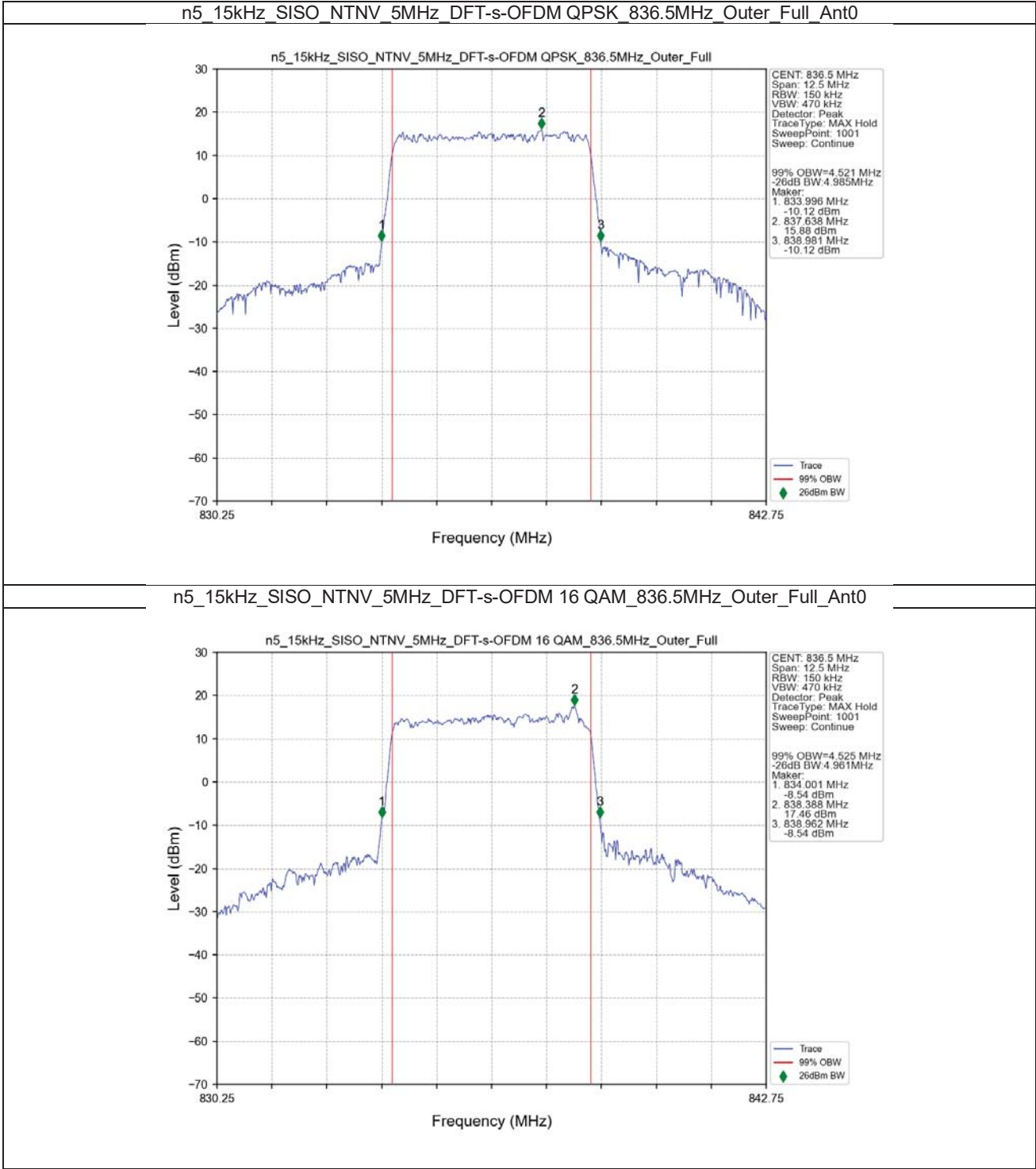
3.1.4 15_S_20M_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	836.5	Outer_Full	18.05	19.36	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	18.06	19.40	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	18.04	19.37	/	Pass

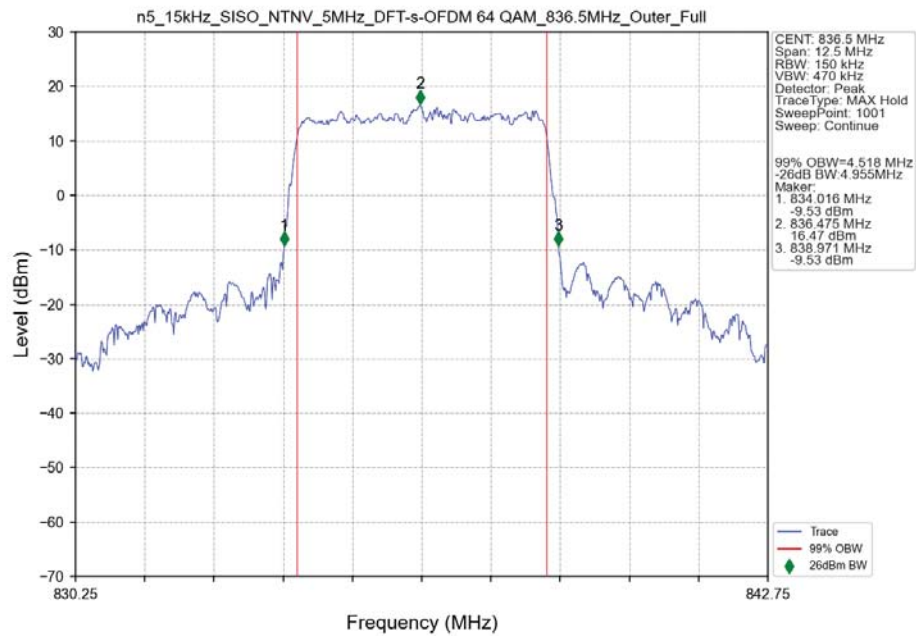
DFT-s-OFDM 256 QAM	836.5	Outer_Full	18.00	19.38	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	19.05	20.40	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	19.07	20.43	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	19.13	20.54	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	19.10	20.46	/	Pass

3.2 Test Graph

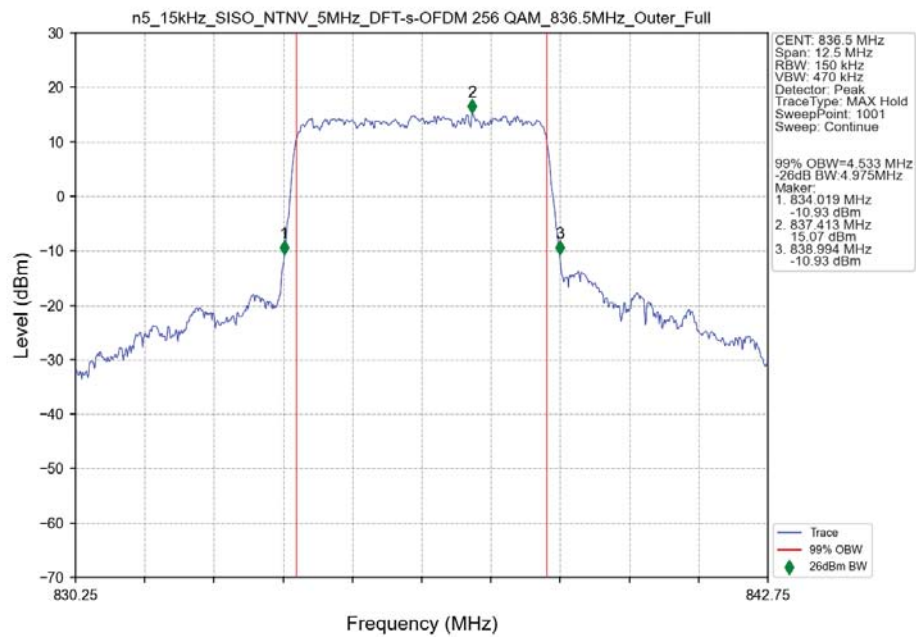
3.2.1 15_S_5M_NTNV



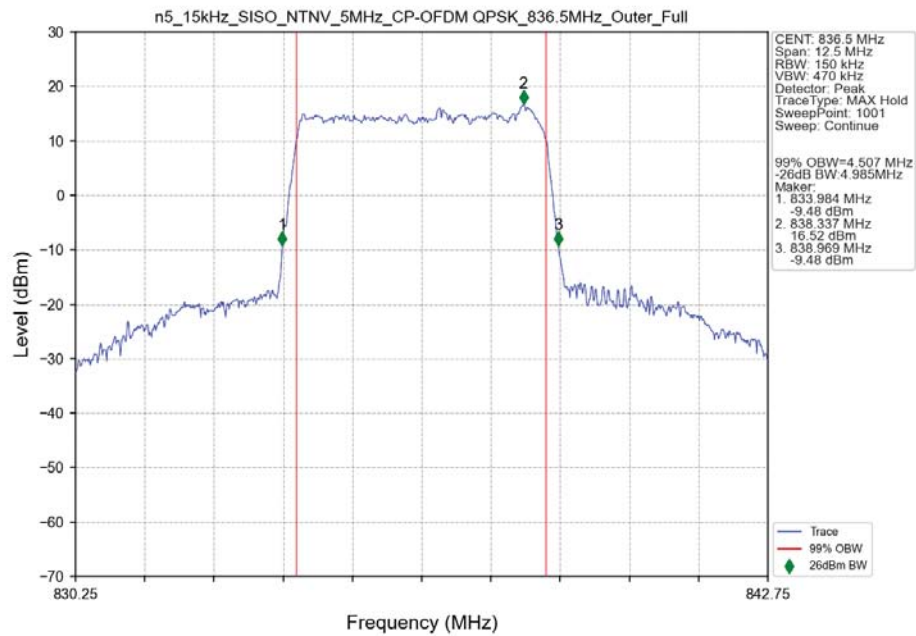
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



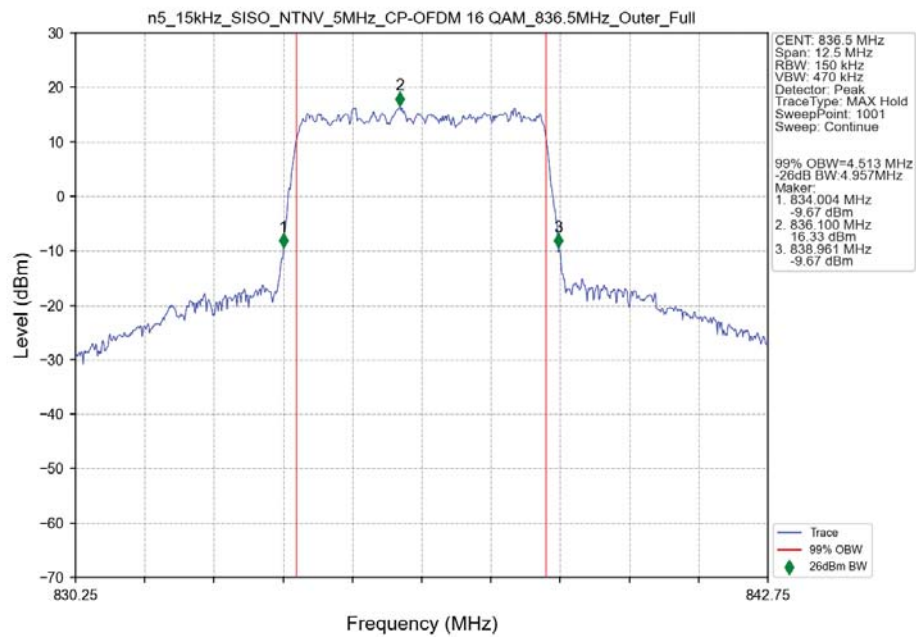
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



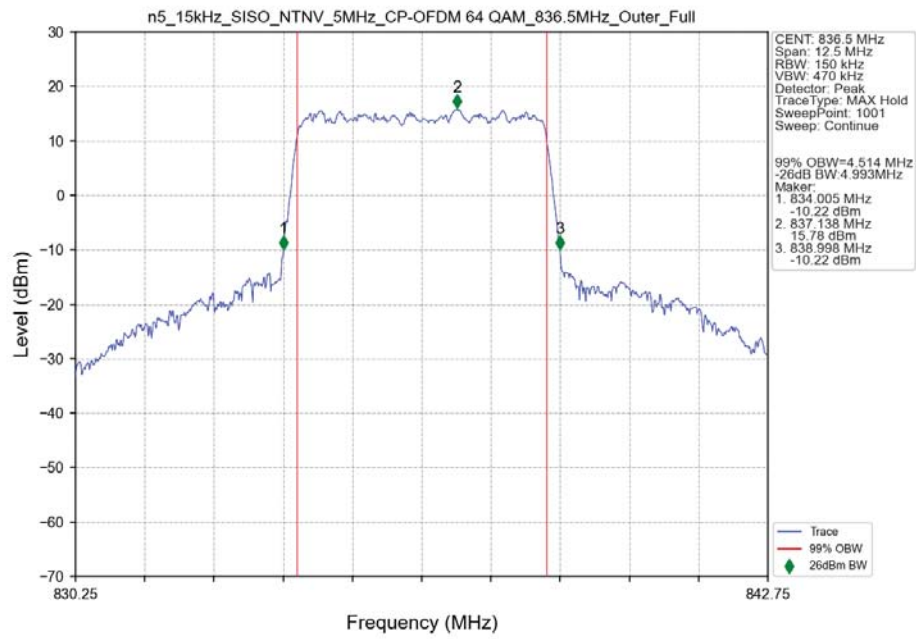
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 836.5MHz Outer Full Ant0



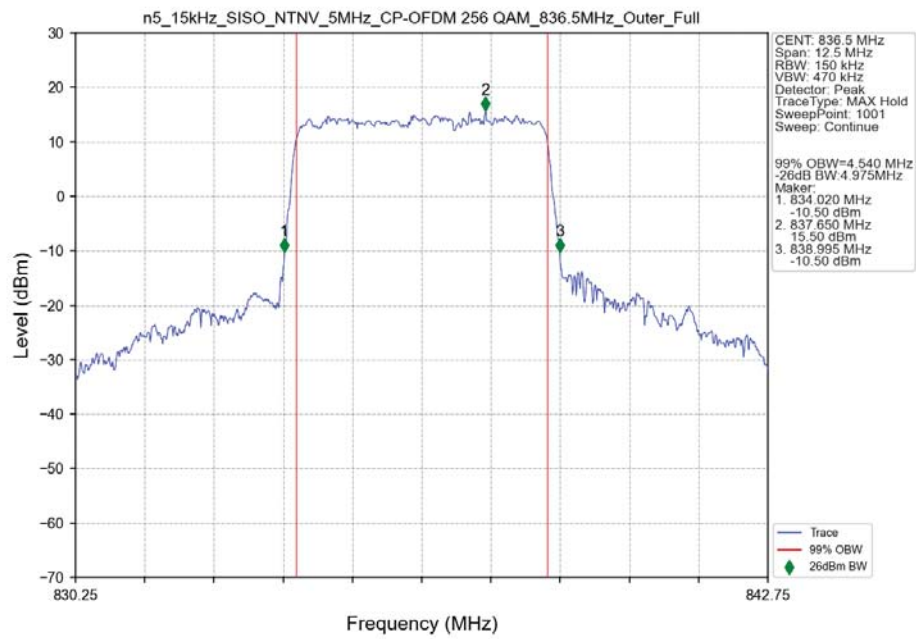
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz Outer Full Ant0



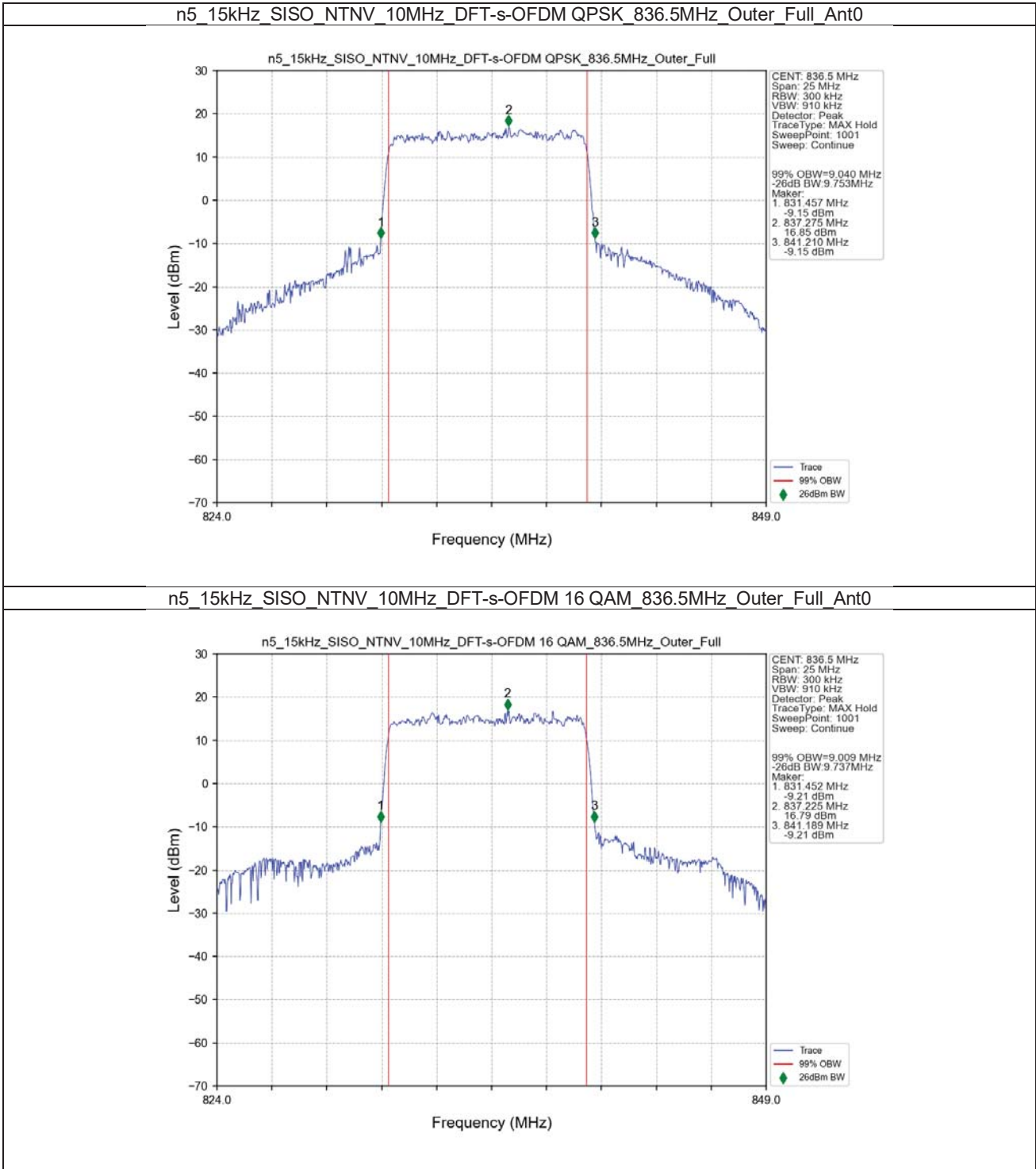
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



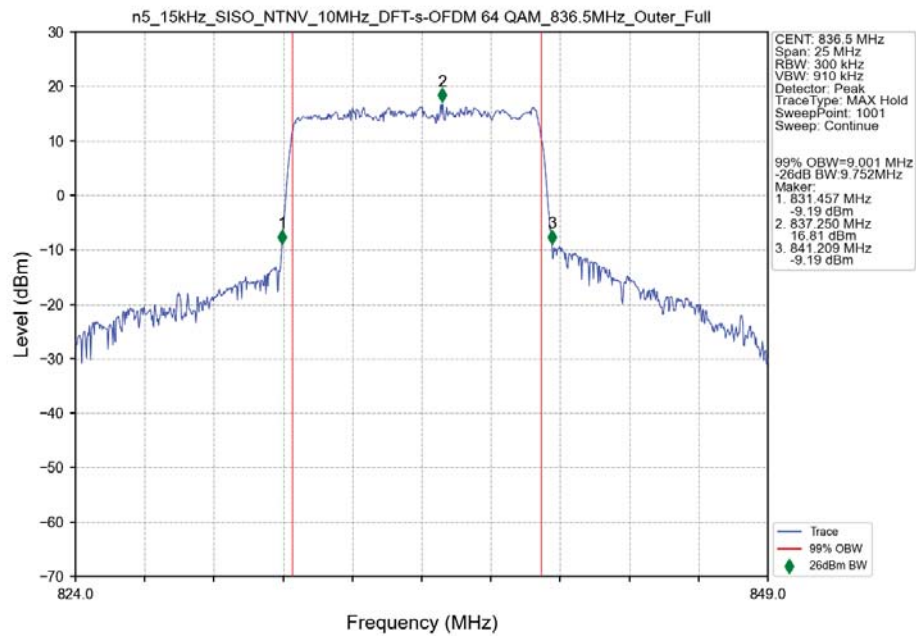
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



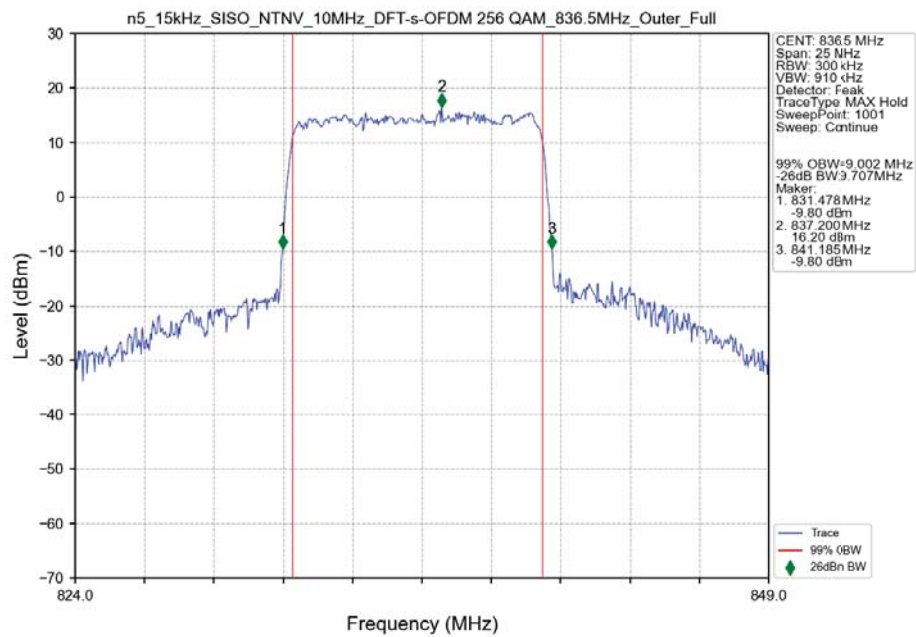
3.2.2 15_S_10M_NTNV



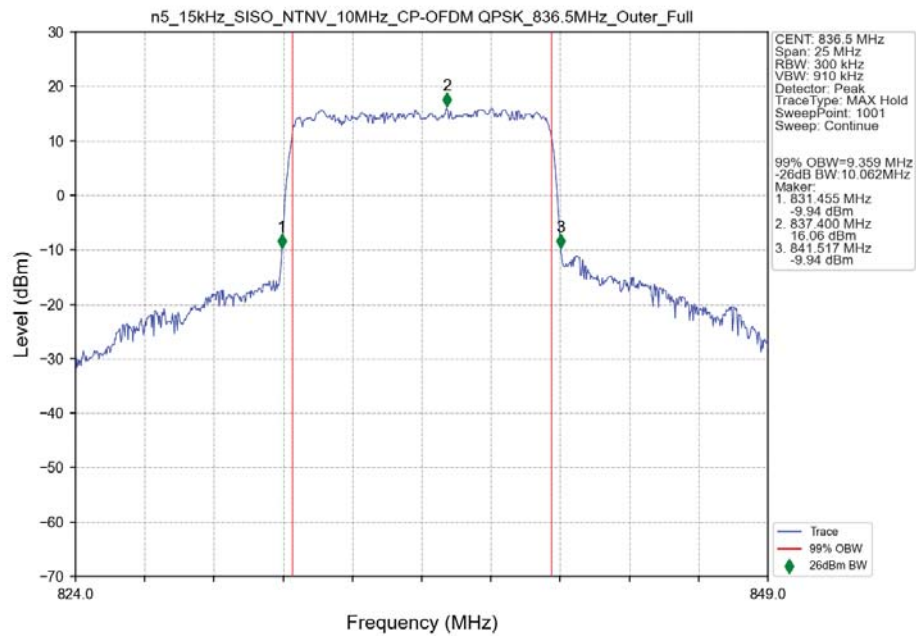
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



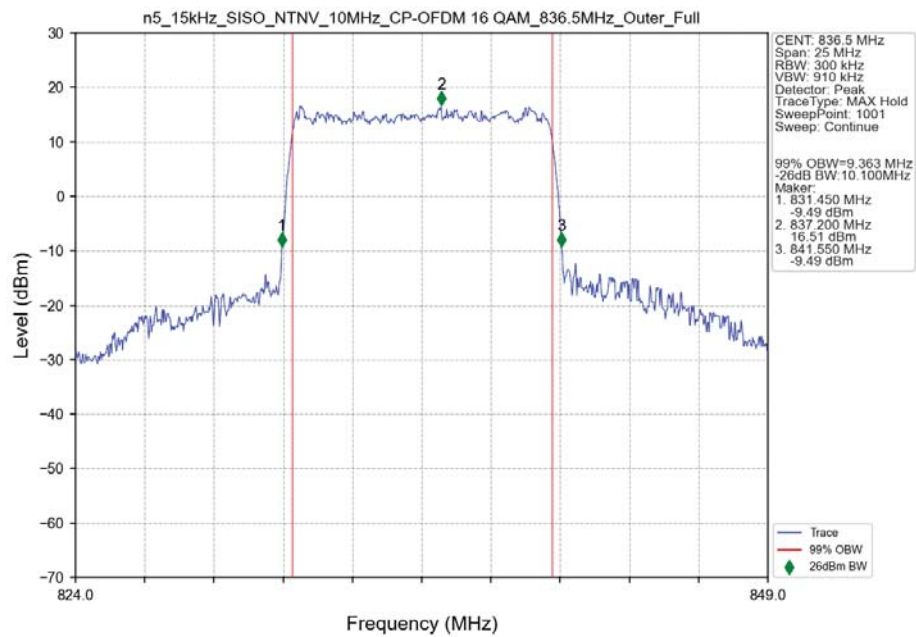
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



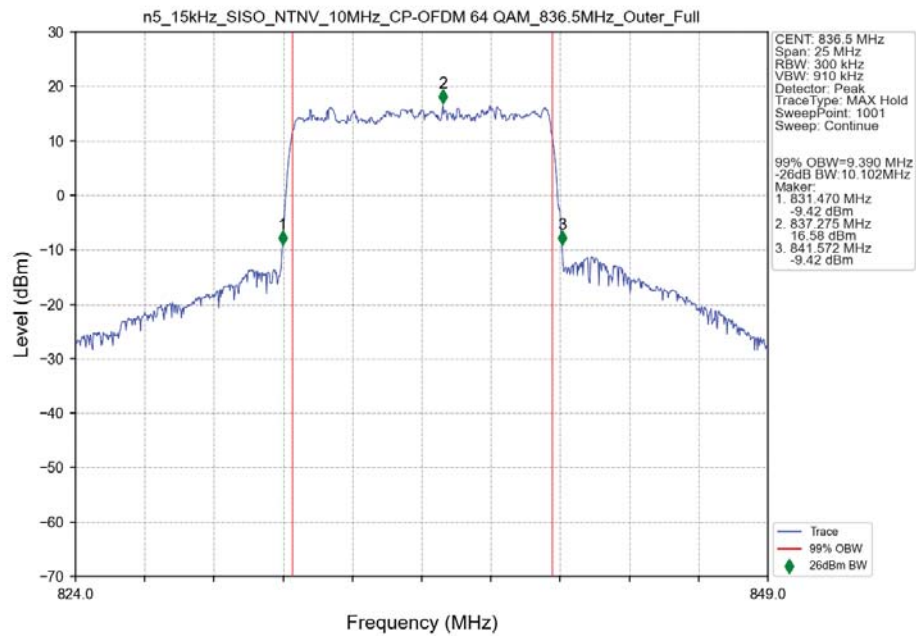
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0



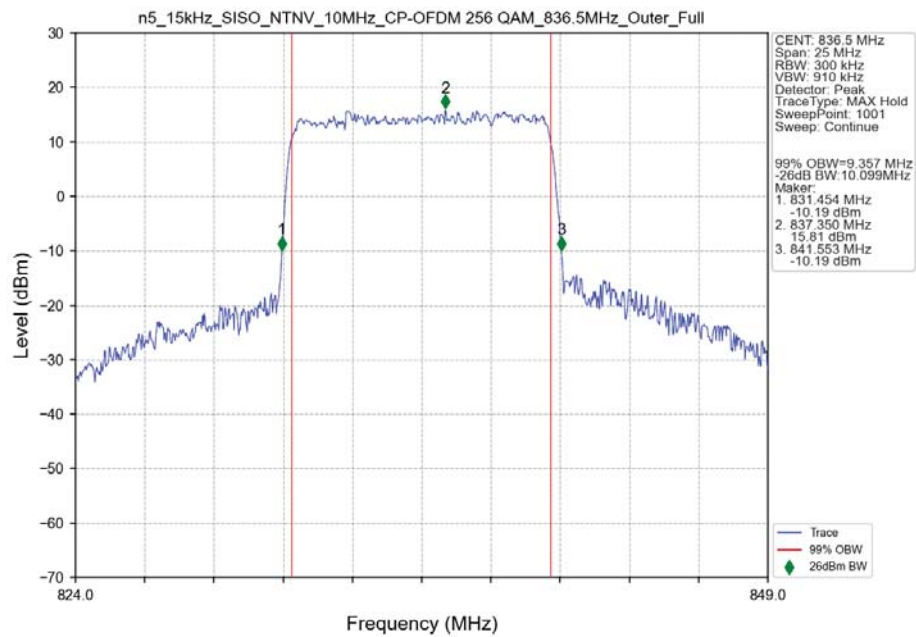
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



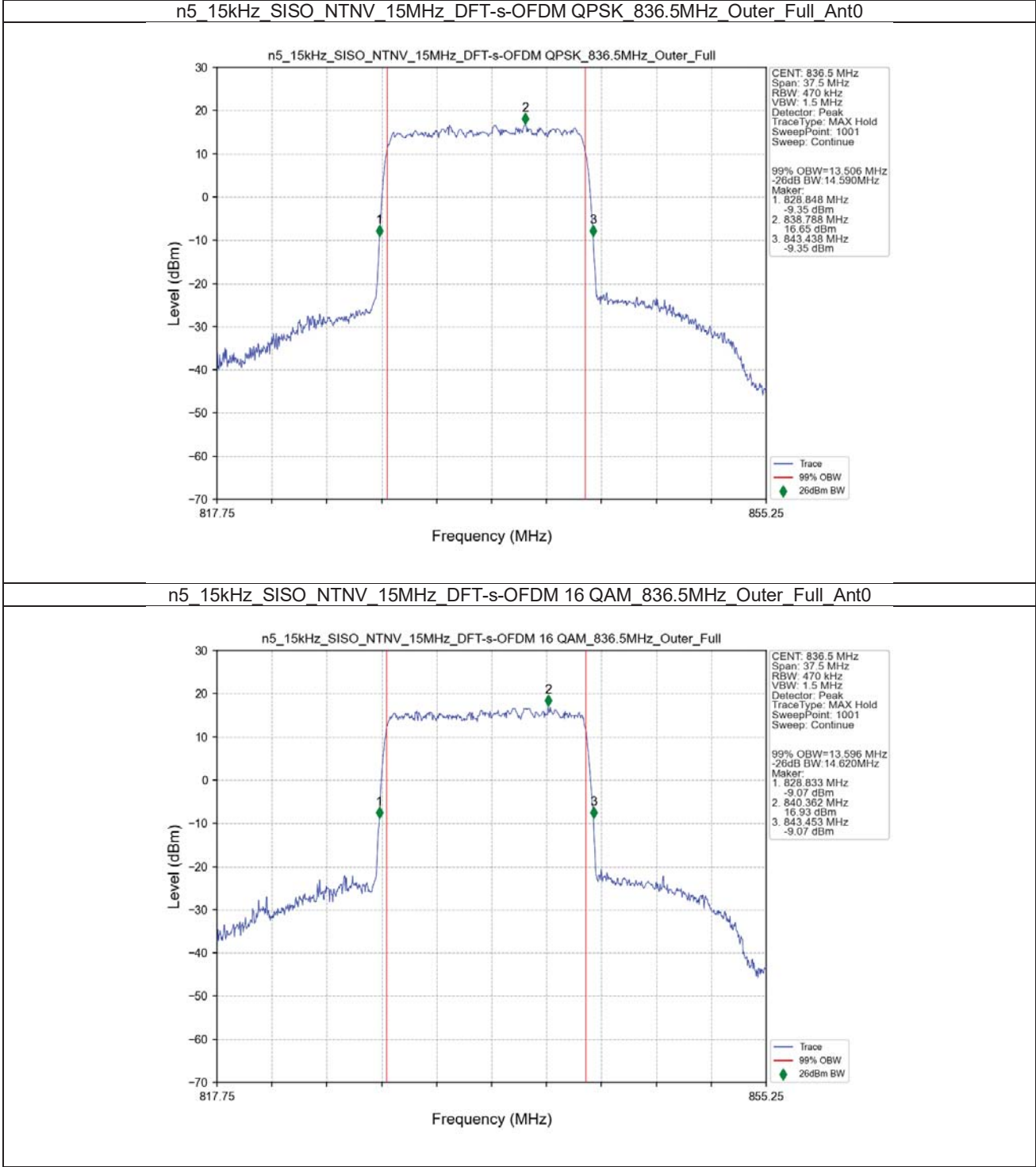
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



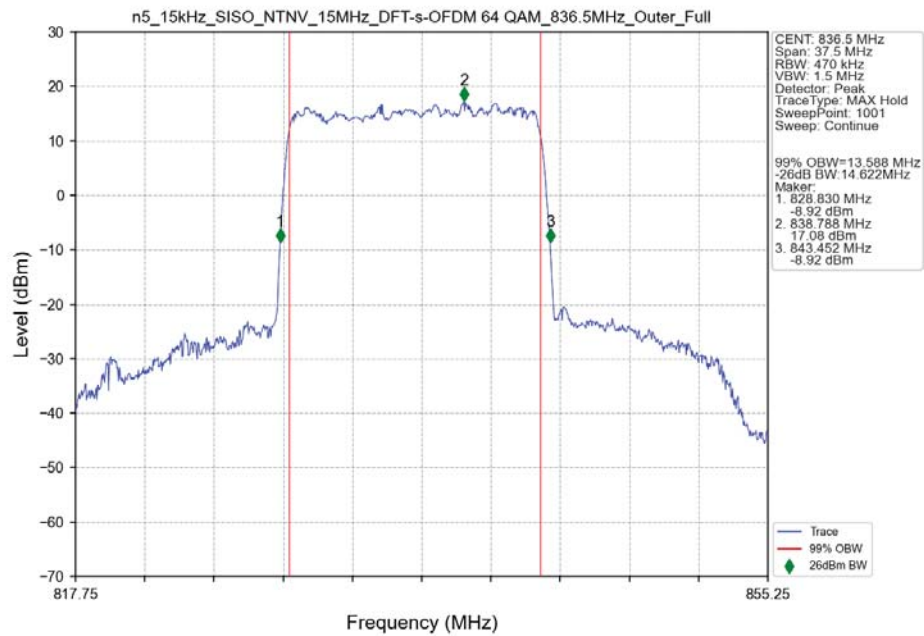
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



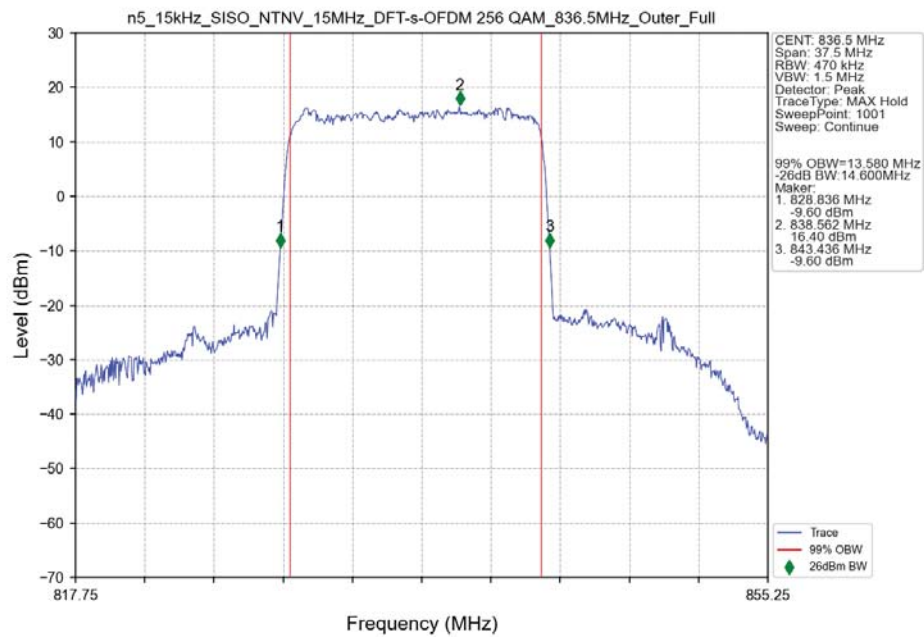
3.2.3 15_S_15M_NTNV



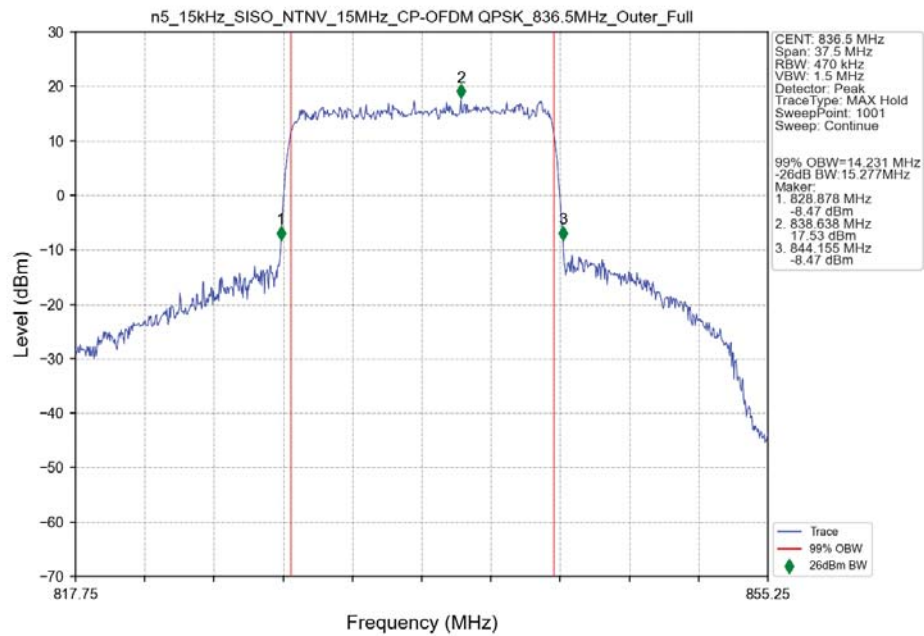
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_836.5MHz_Outer_Full_Ant0



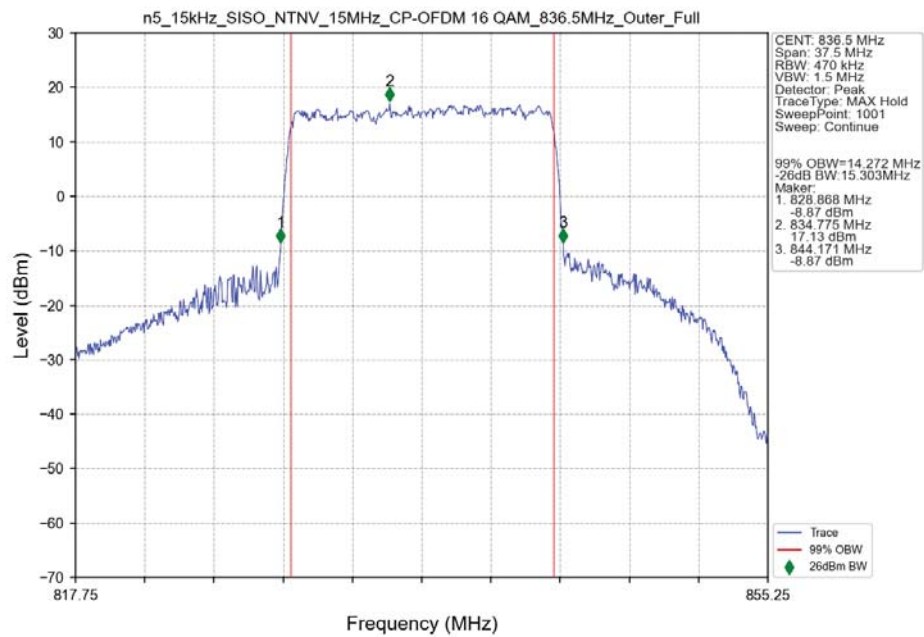
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_836.5MHz_Outer_Full_Ant0



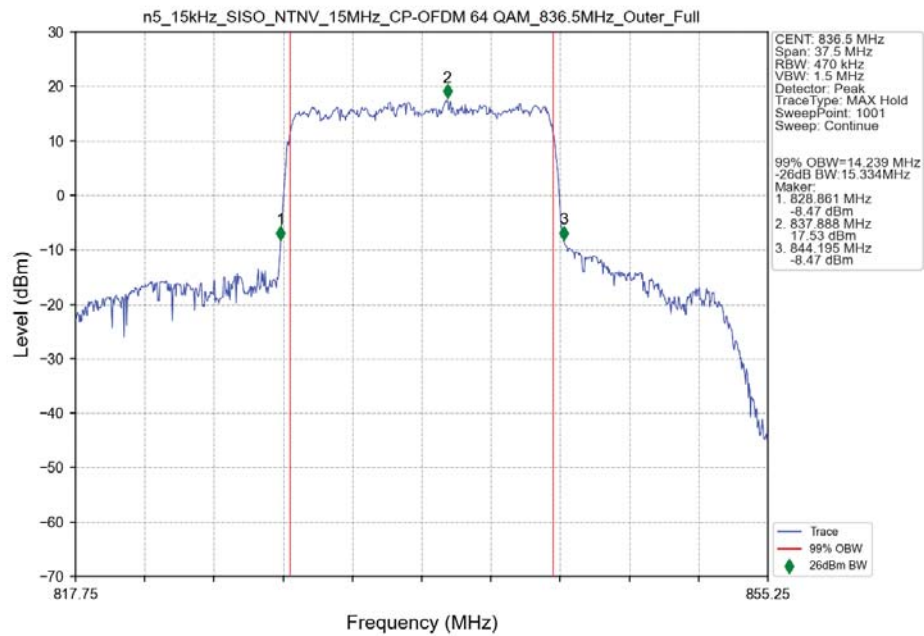
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0



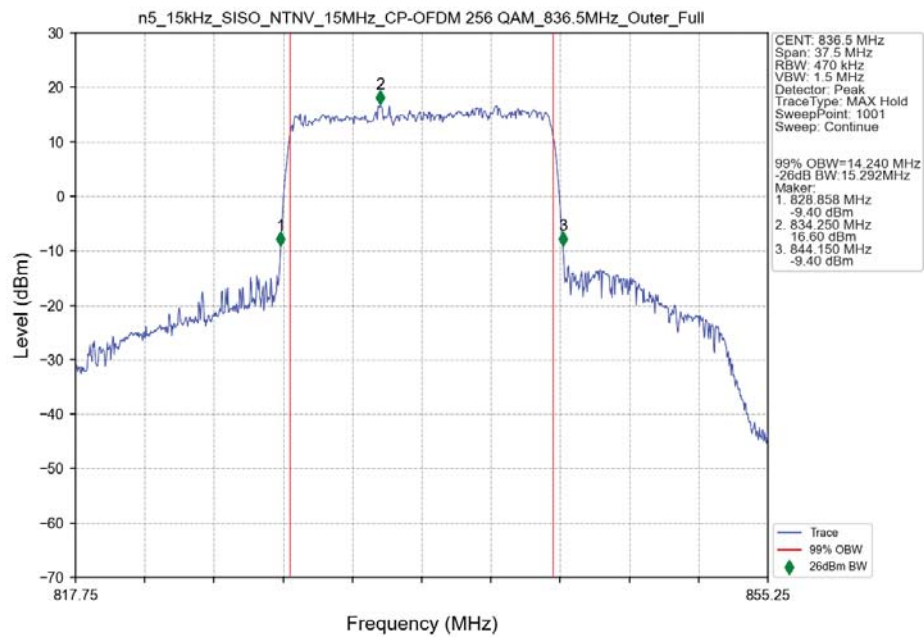
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



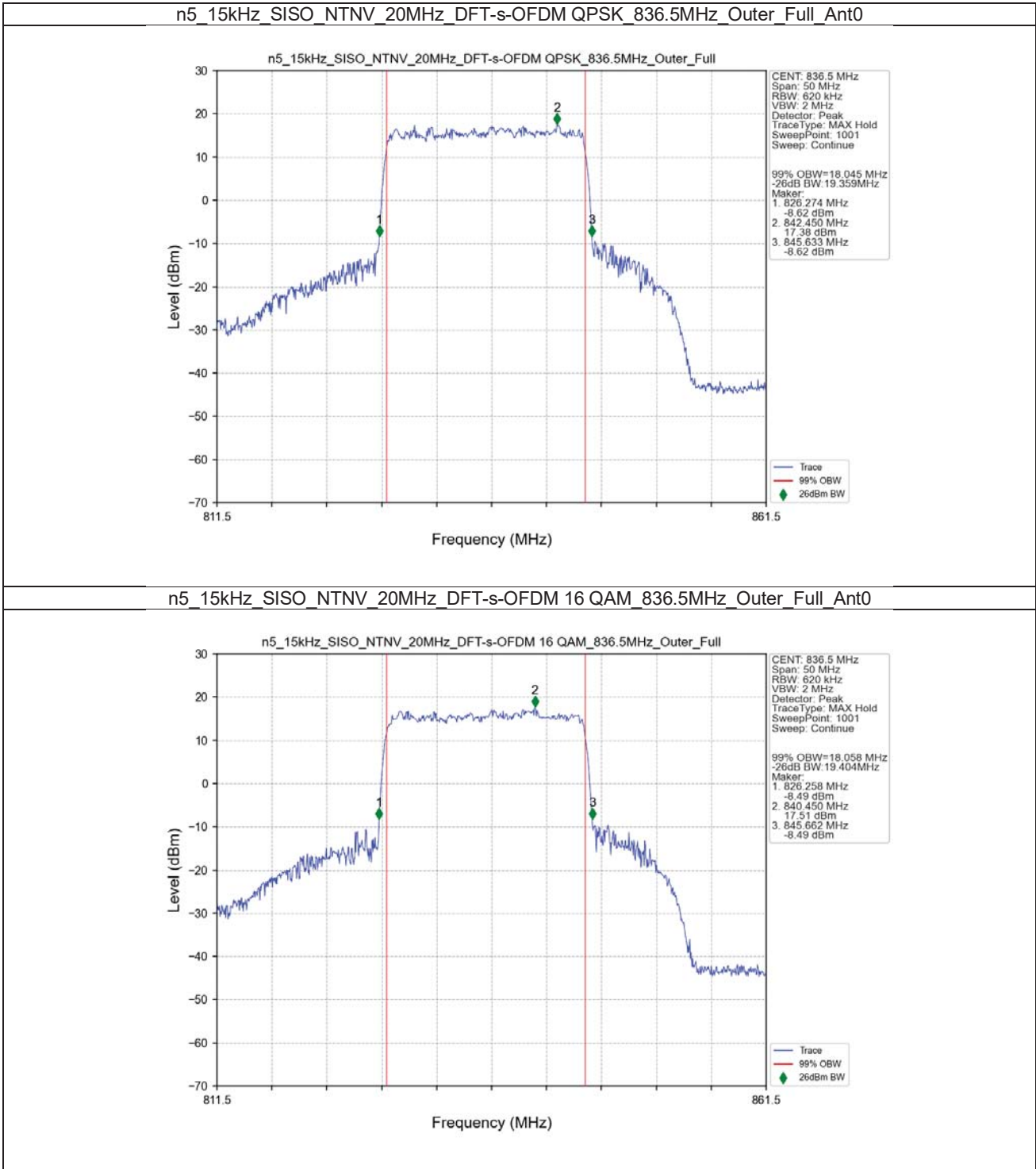
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



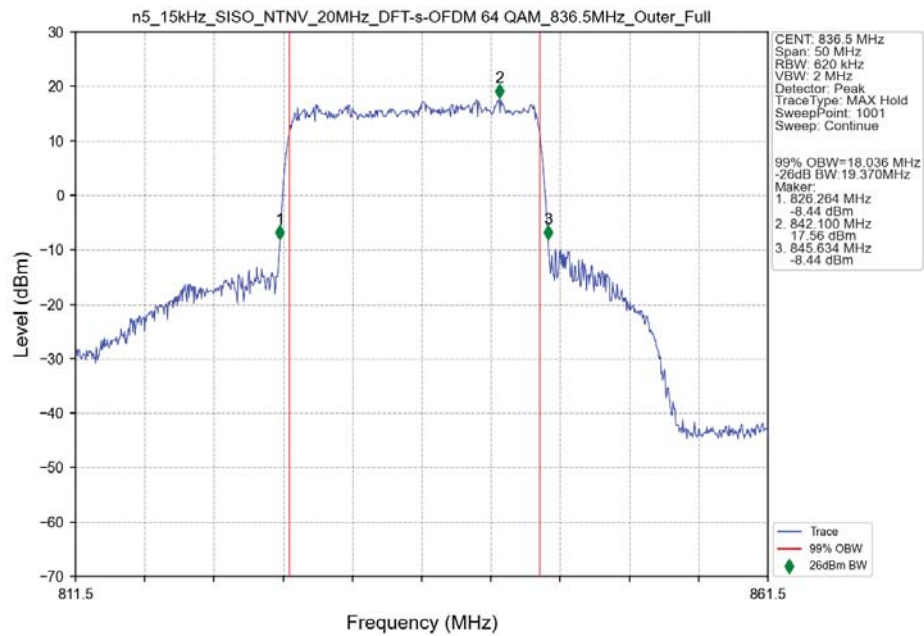
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



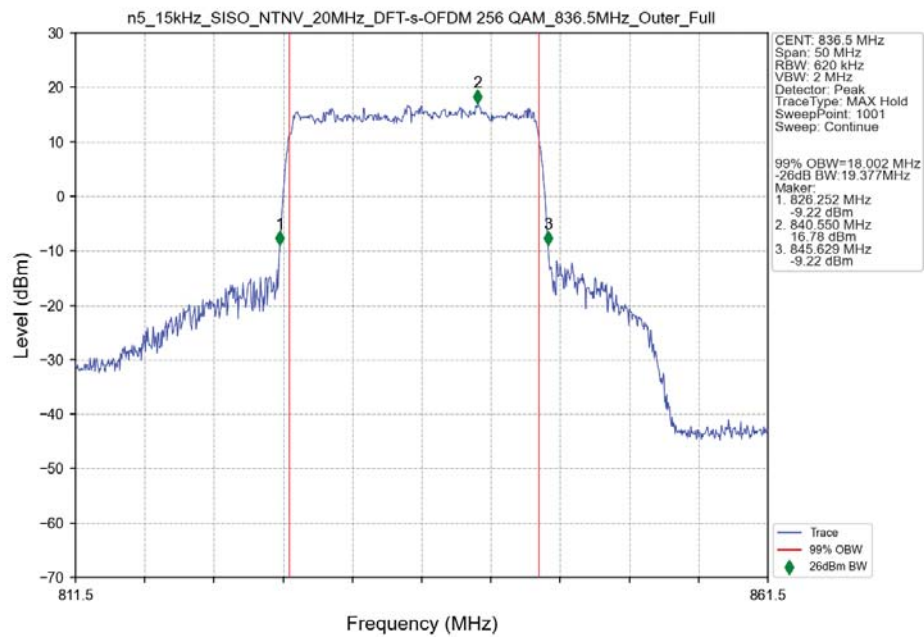
3.2.4 15_S_20M_NTNV



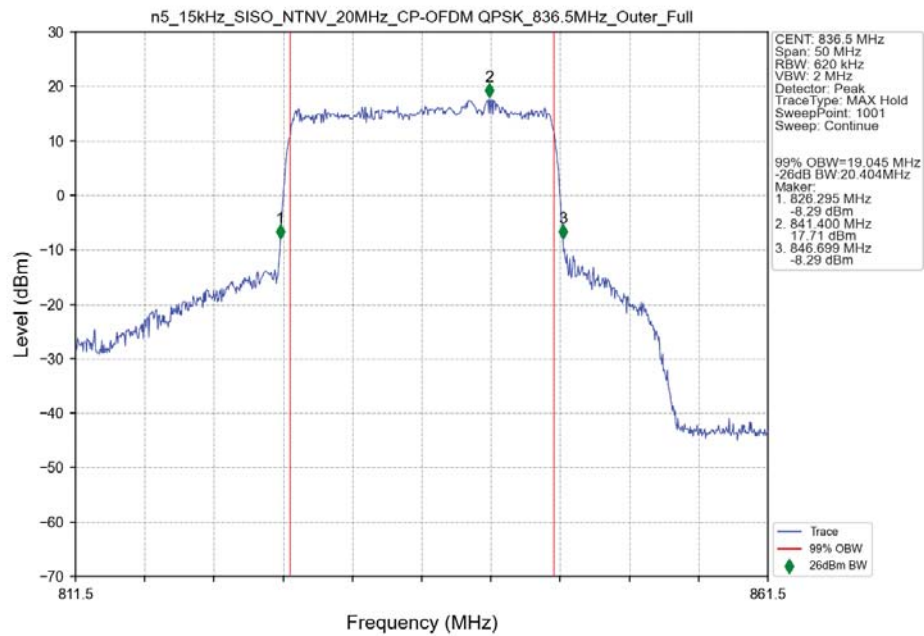
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



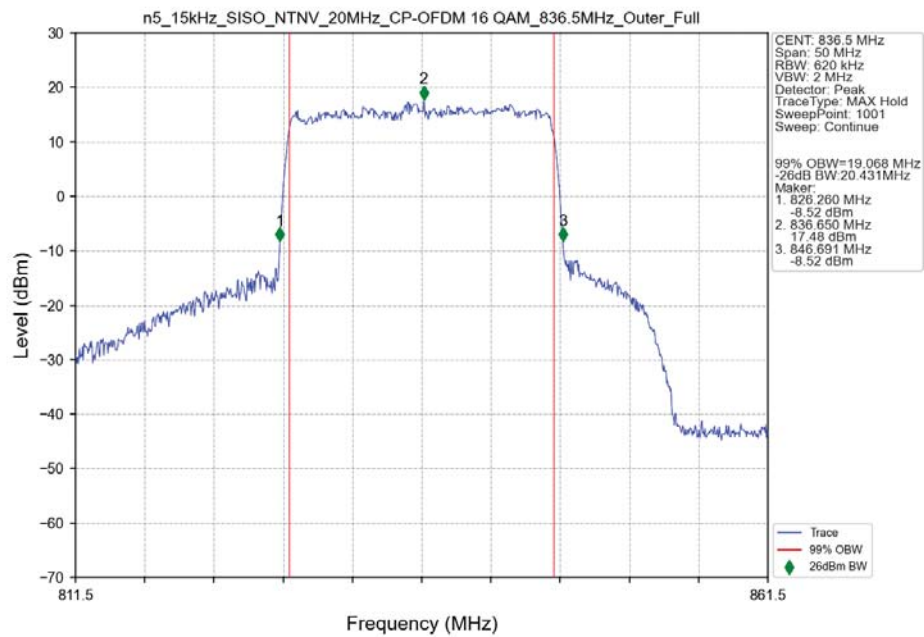
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



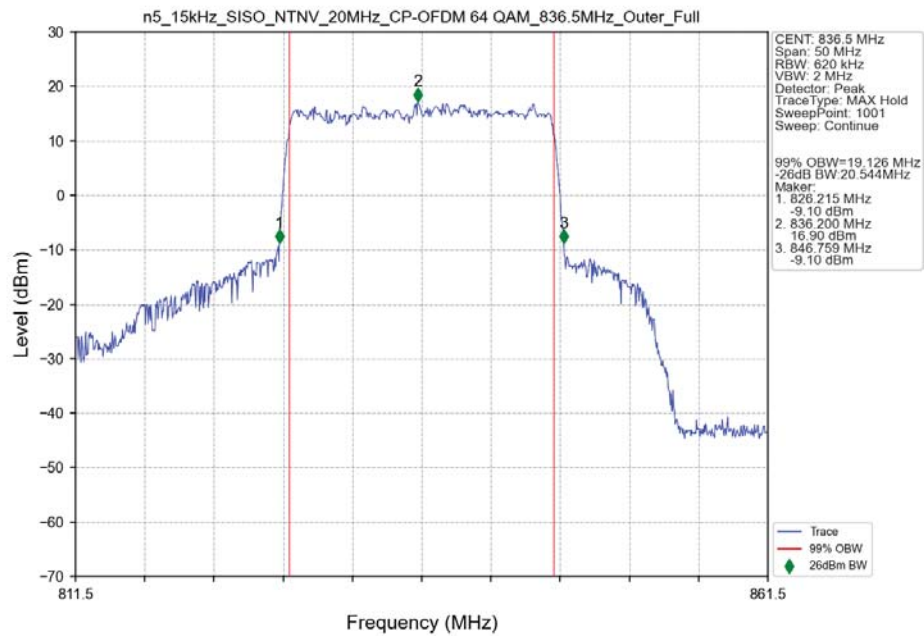
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK 836.5MHz_Outer_Full_Ant0



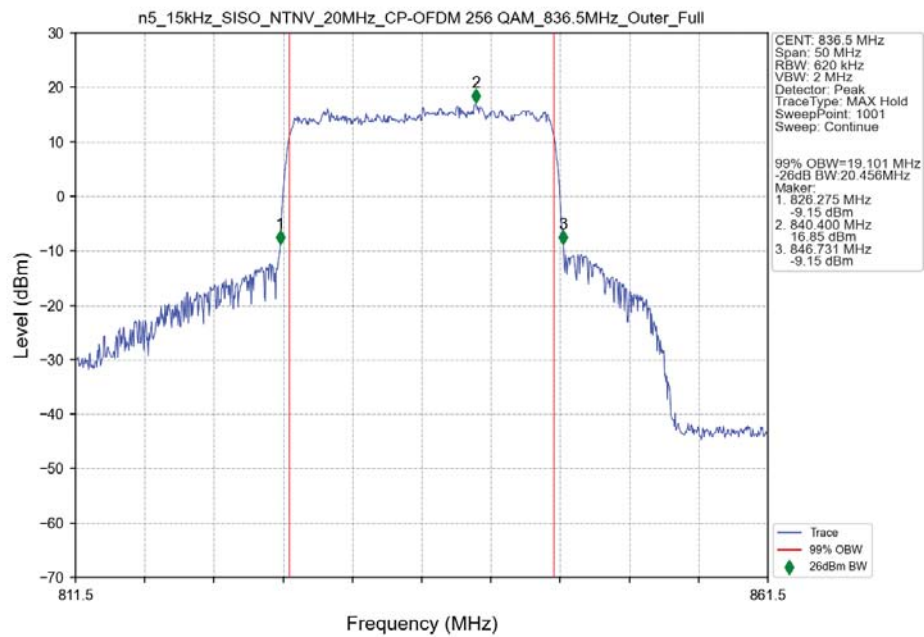
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full_Ant0



4. Peak-Average Ratio

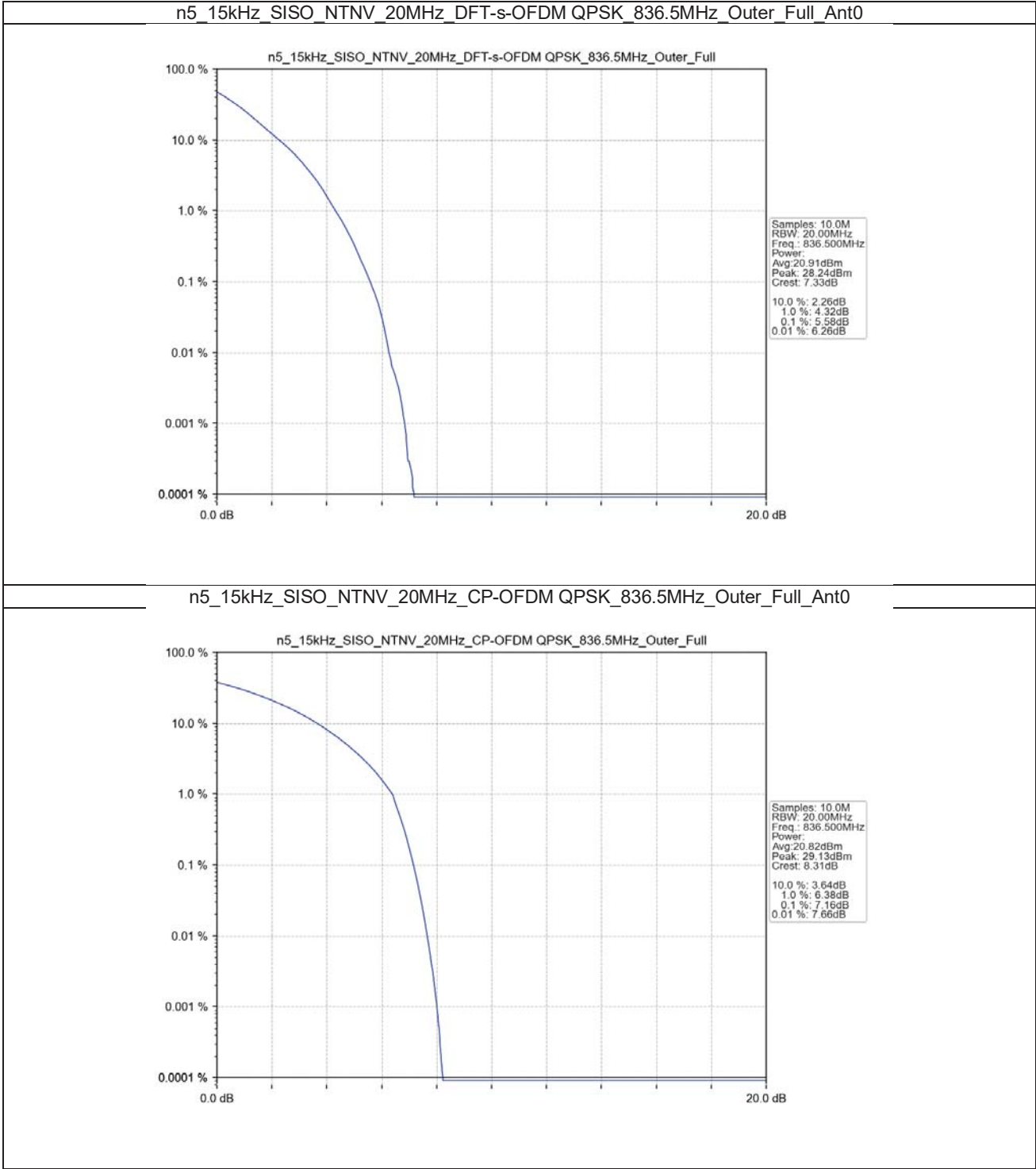
4.1 Test Result

4.1.1 15_S_20M_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	836.5	Outer_Full	5.58	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	7.16	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_20M_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant0	Ant2	Sum	Limit		
DFT-s-OFDM QPSK	826.5	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
	836.5	Edge 1RB Left	Refer To Test Graph				Pass	
		846.5	Edge 1RB Right	Refer To Test Graph				Pass
			Outer Full	Refer To Test Graph				Pass
CP-OFDM QPSK	826.5	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
	836.5	Edge 1RB Left	Refer To Test Graph				Pass	
		846.5	Edge 1RB Right	Refer To Test Graph				Pass
			Outer Full	Refer To Test Graph				Pass

5.1.2 15_S_15M_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	831.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	836.5	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
CP-OFDM QPSK	831.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	836.5	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

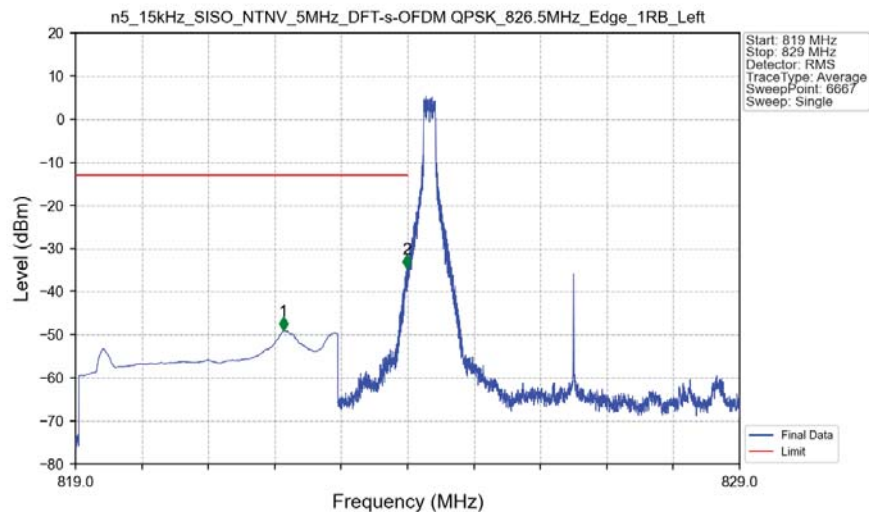
5.1.3 15_S_20M_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	834	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

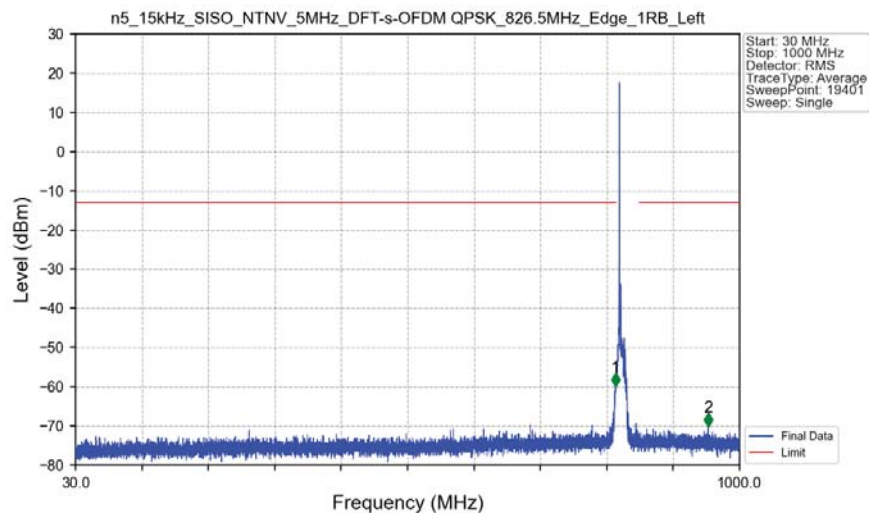
5.2 Test Graph

5.2.1 15_S_5M_NTNV

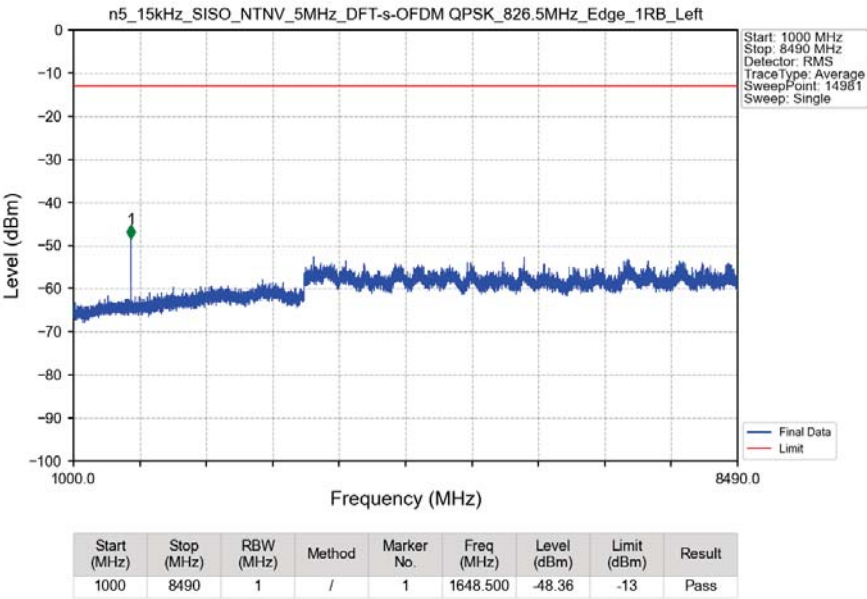
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



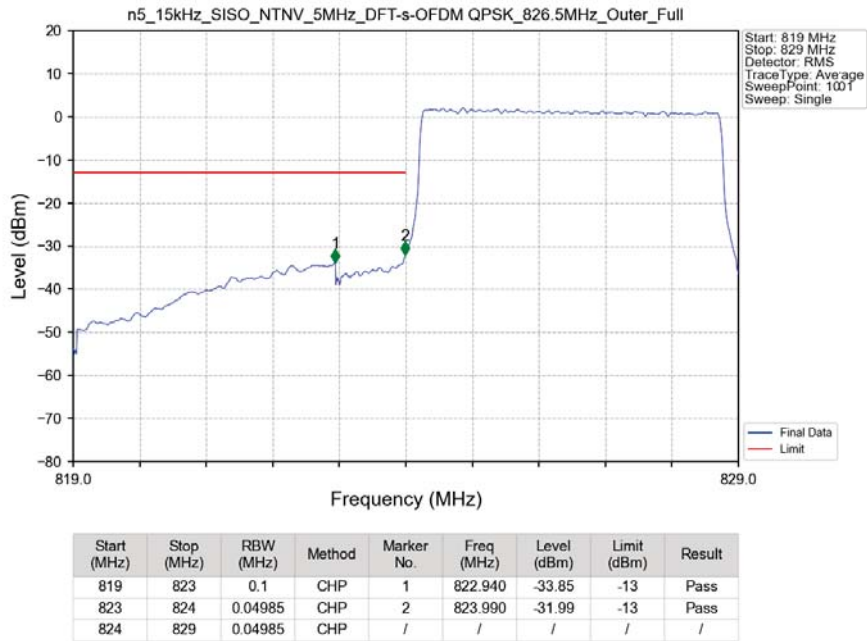
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Edge_1RB_Left_Ant0



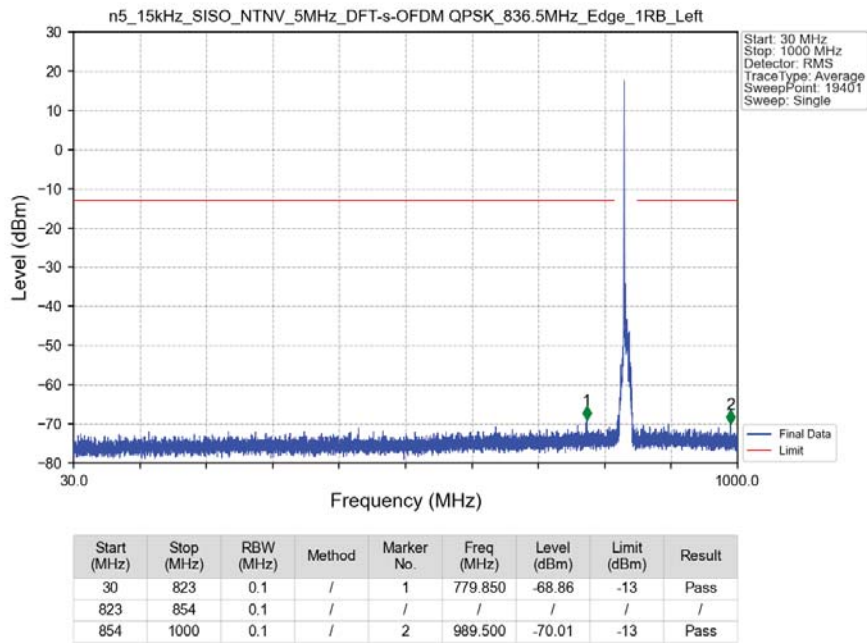
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



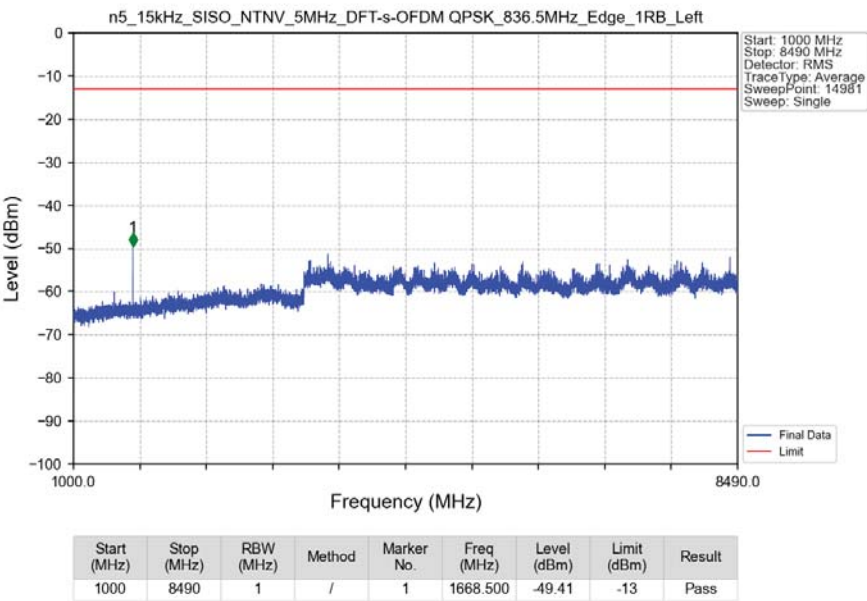
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant0



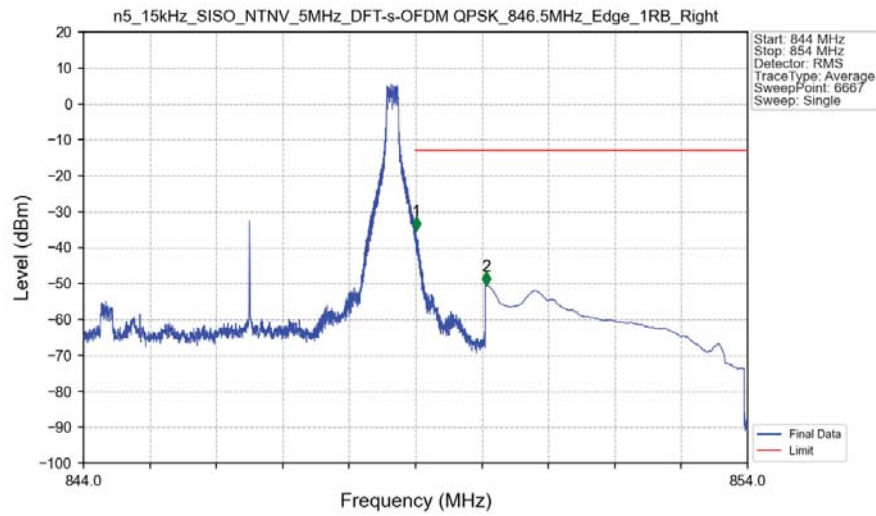
n5 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 836.5MHz Edge 1RB Left Ant0



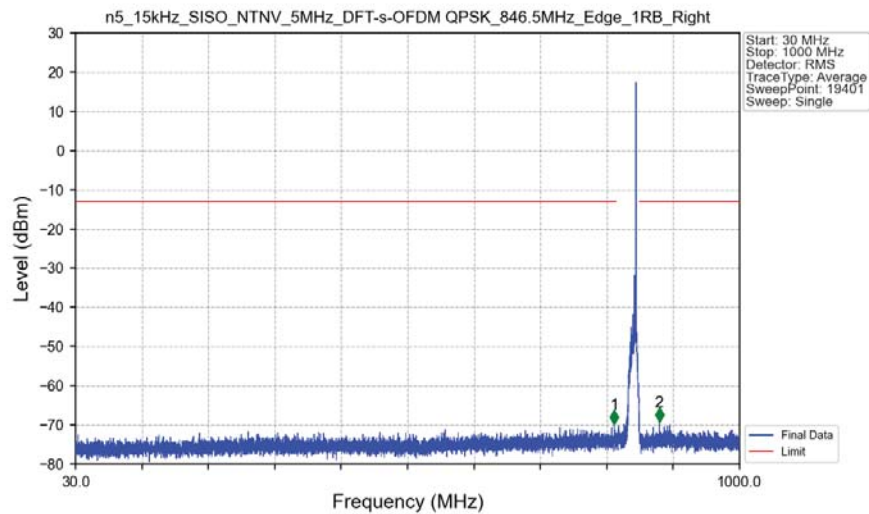
n5 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 836.5MHz Edge 1RB Left Ant0



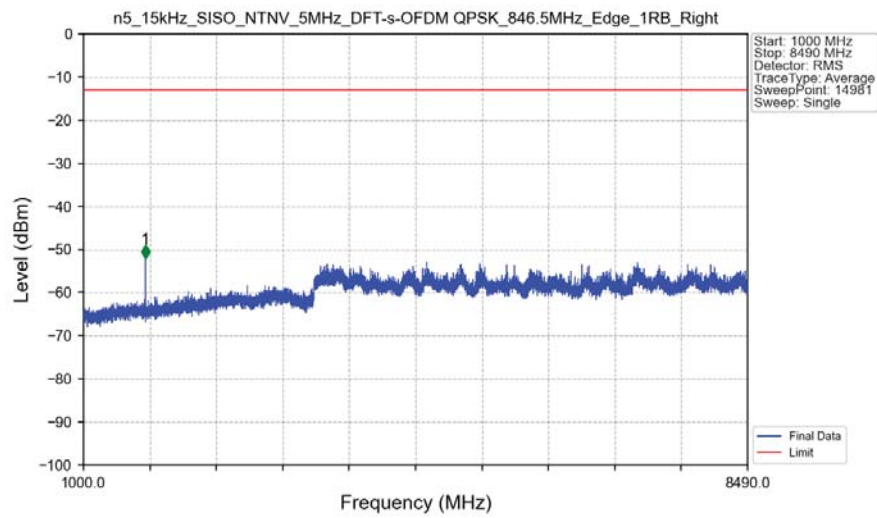
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



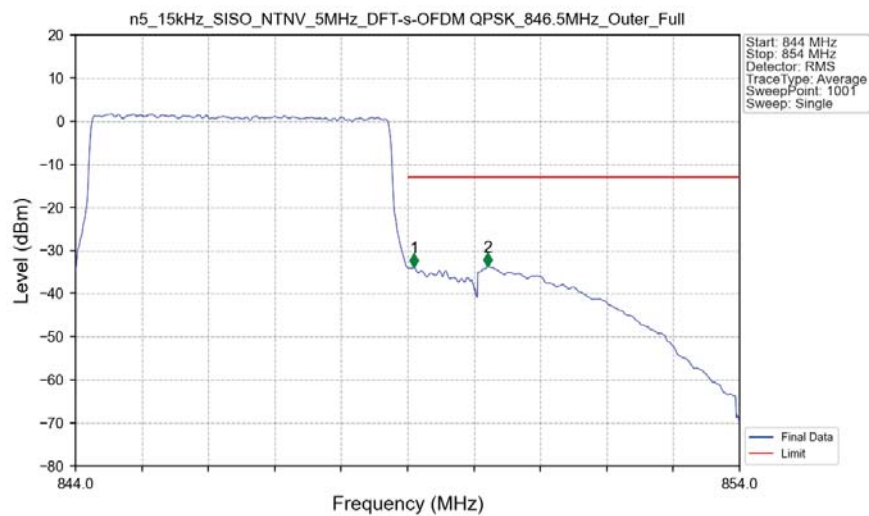
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



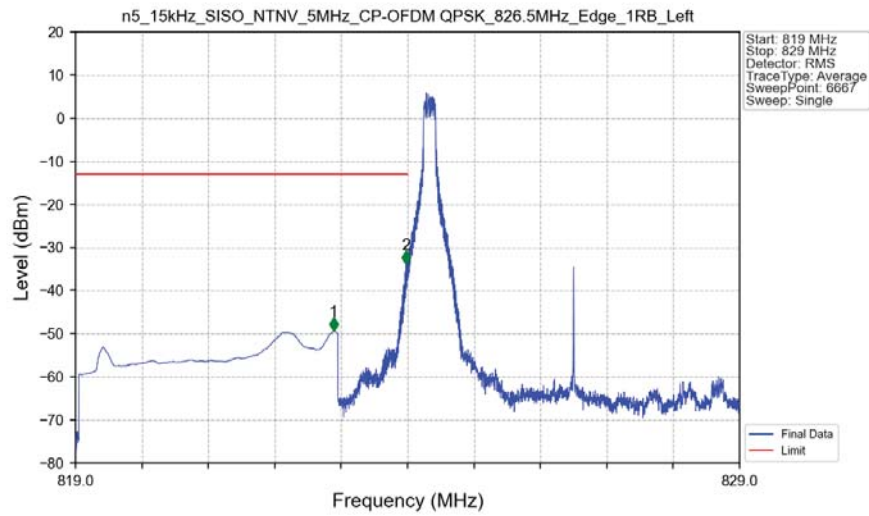
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant0

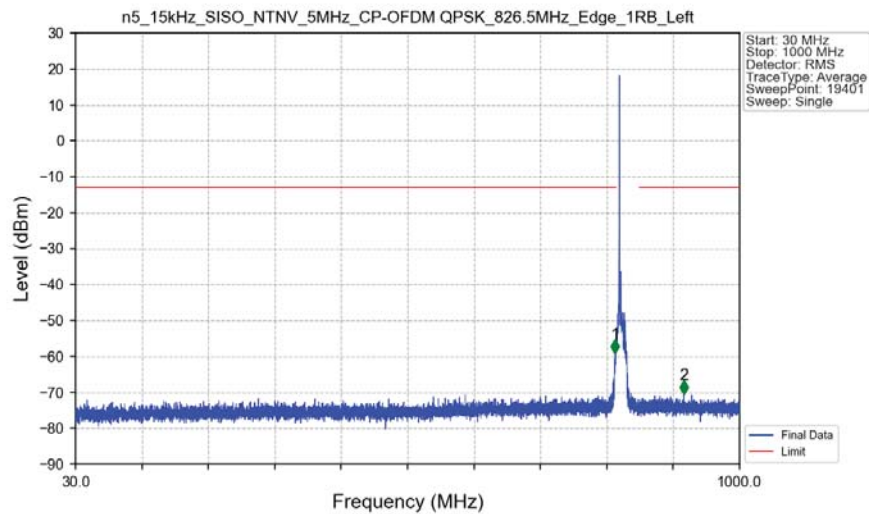


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



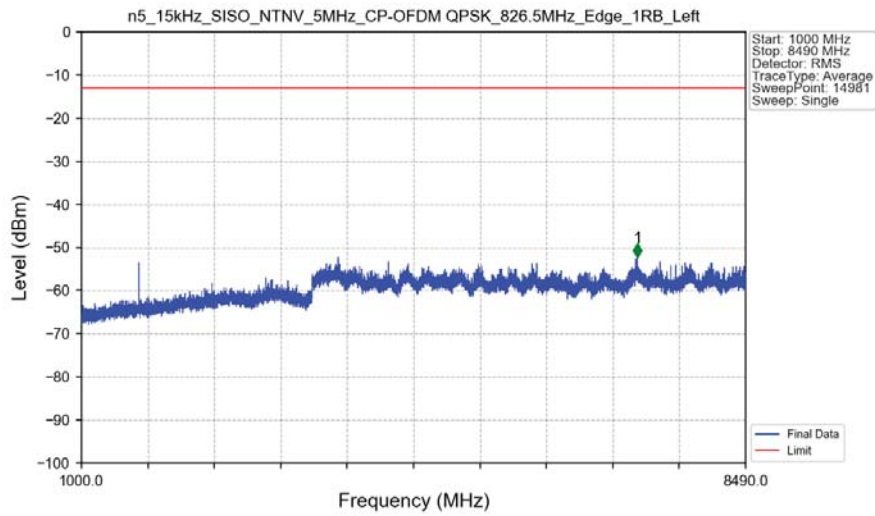
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.885	-49.32	-13	Pass
823	824	0.003	/	2	823.979	-33.83	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0

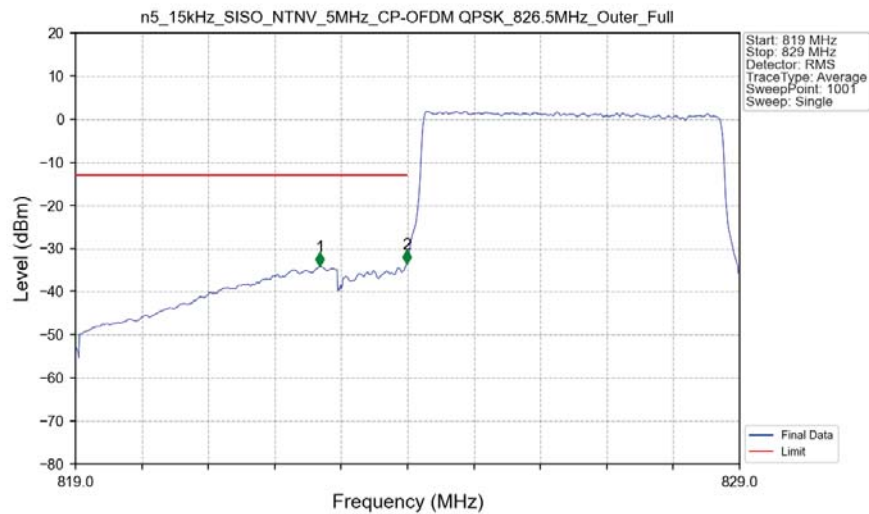


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.100	-59.14	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	918.300	-70.41	-13	Pass

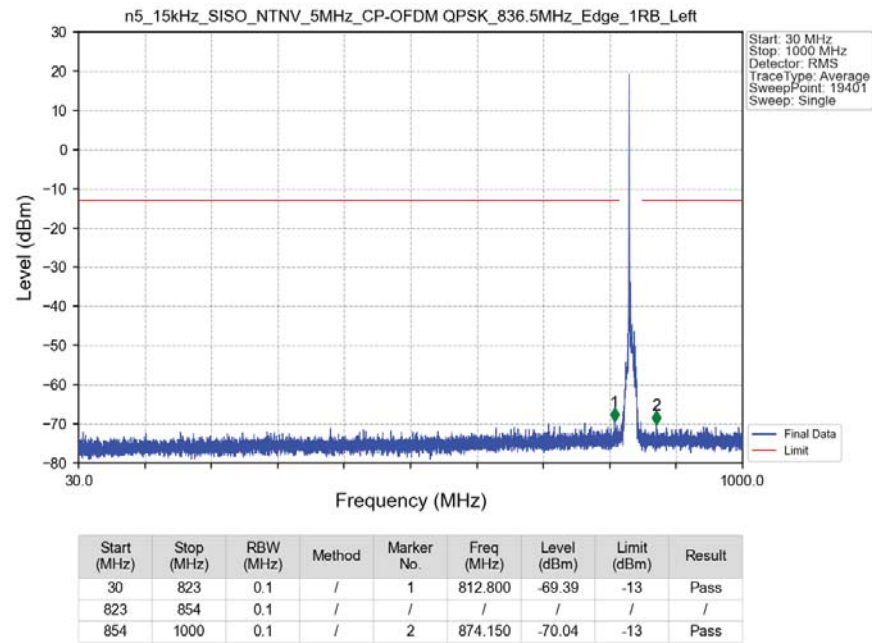
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



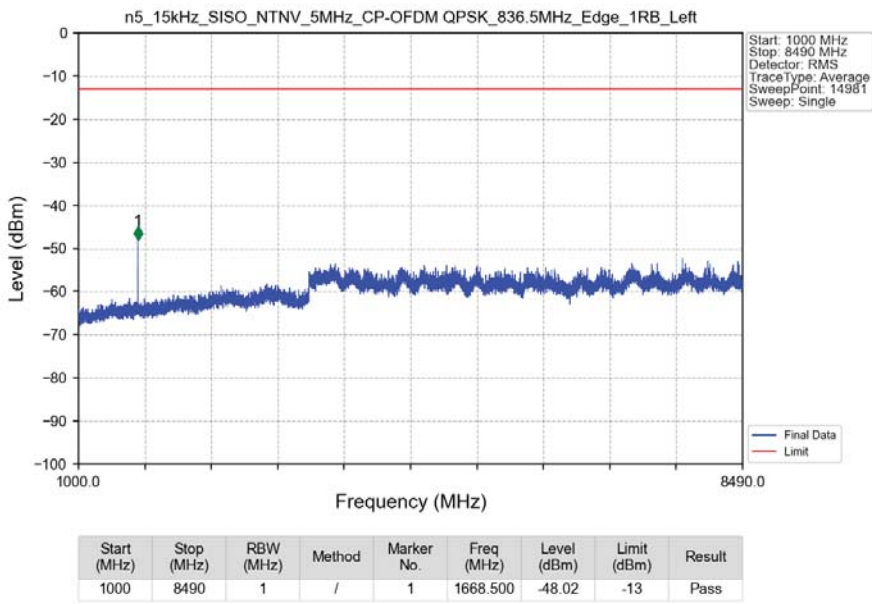
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant0



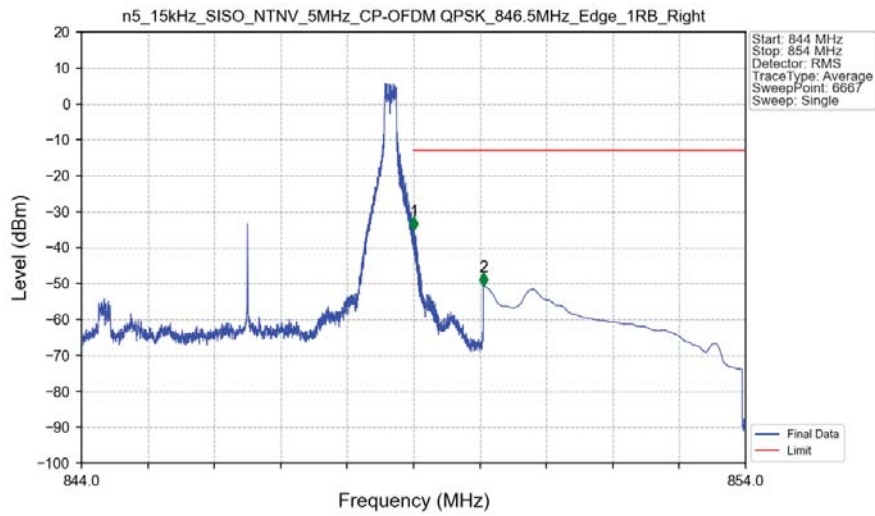
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0

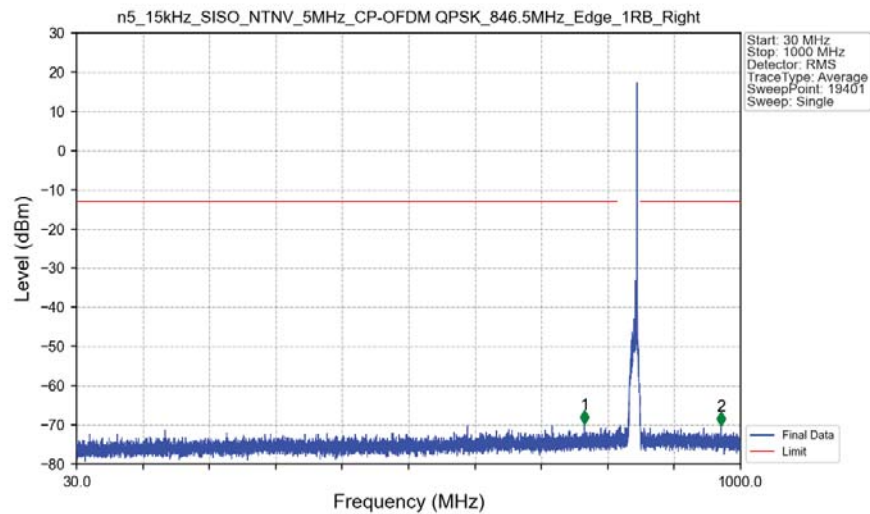


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



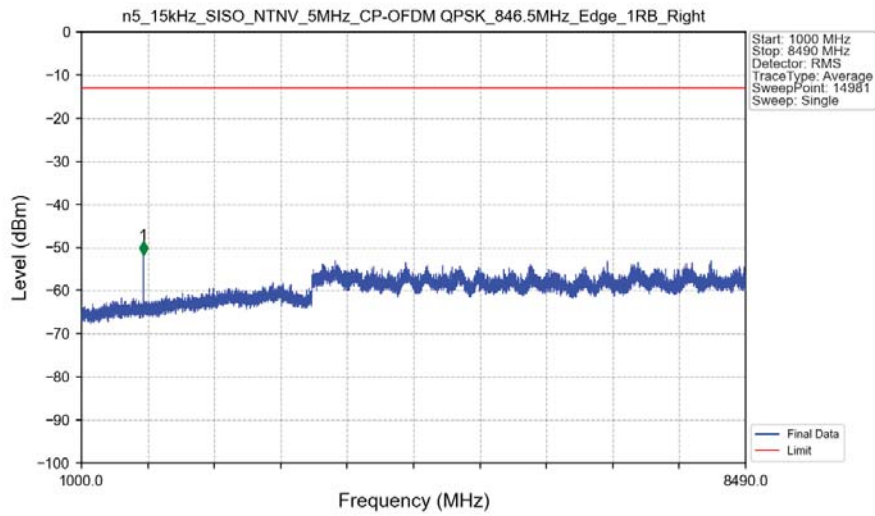
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-35.16	-13	Pass
850	854	0.1	CHP	2	850.058	-50.80	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0

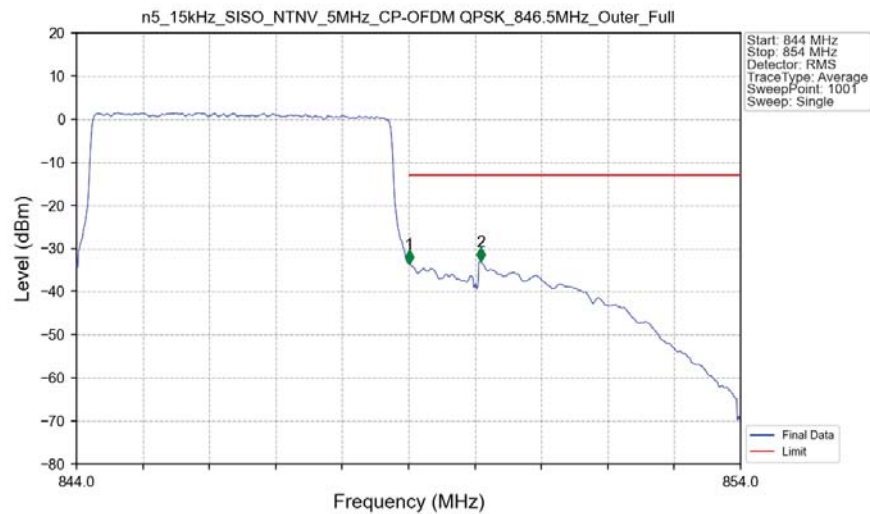


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	772.100	-69.67	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	971.600	-70.09	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0

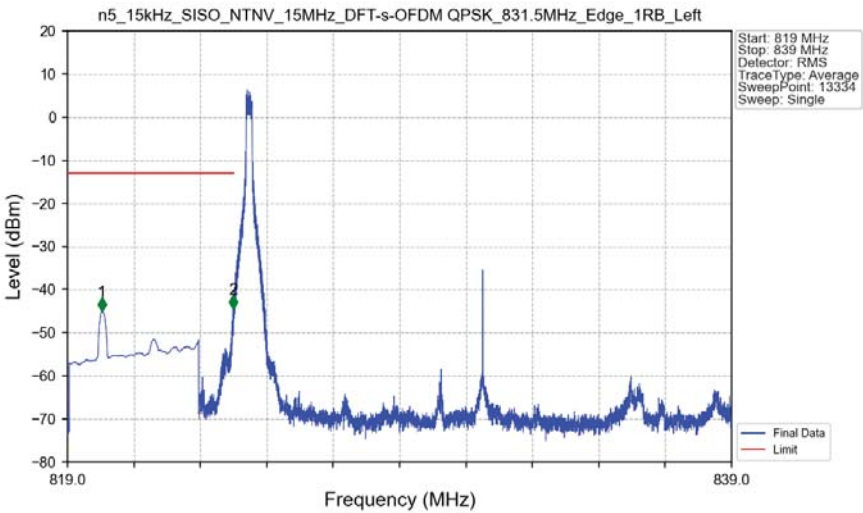


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant0



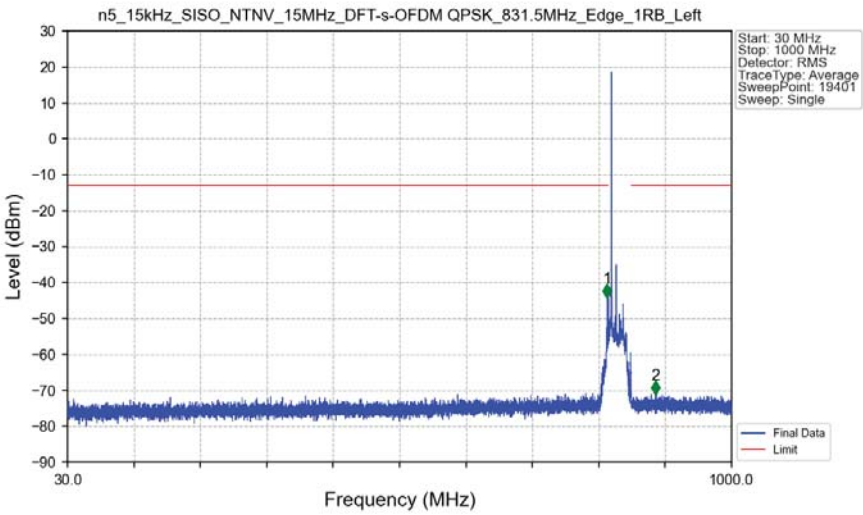
5.2.2 15_S_15M_NTNV

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



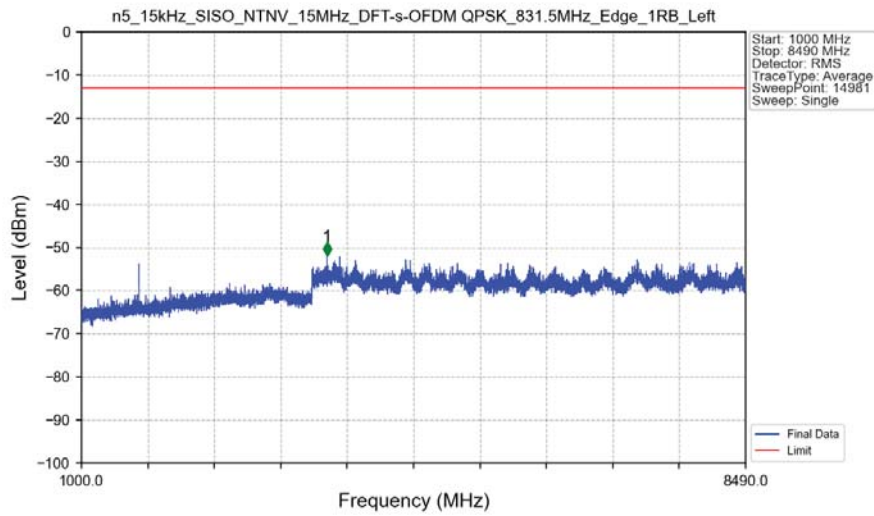
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.029	-44.99	-13	Pass
823	824	0.003	/	2	823.994	-44.38	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant0



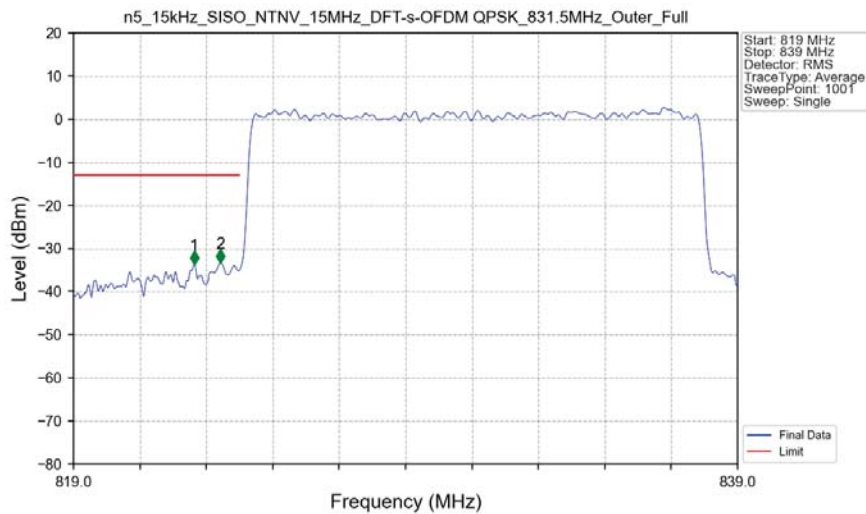
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.200	-44.25	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	889.100	-71.07	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left Ant0



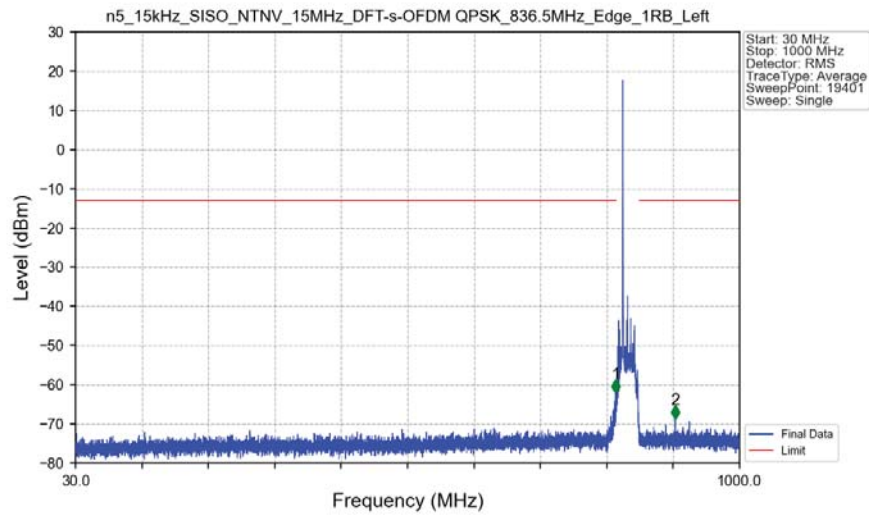
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3768.000	-51.83	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full Ant0

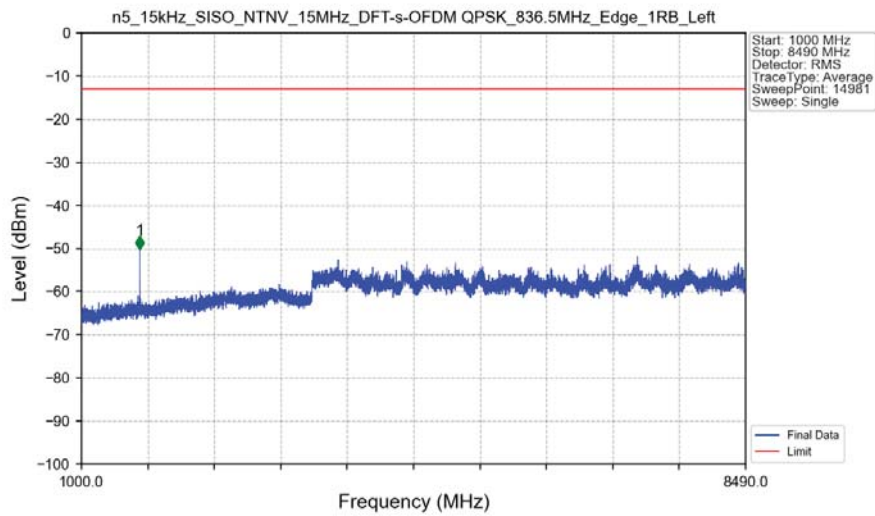


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.640	-33.63	-13	Pass
823	824	0.1459	CHP	2	823.420	-33.40	-13	Pass
824	839	0.1459	CHP	/	/	/	/	/

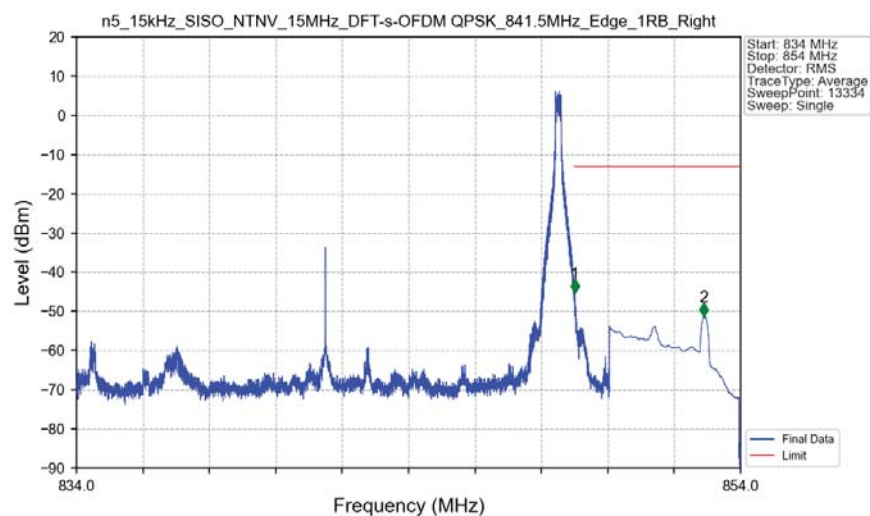
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0

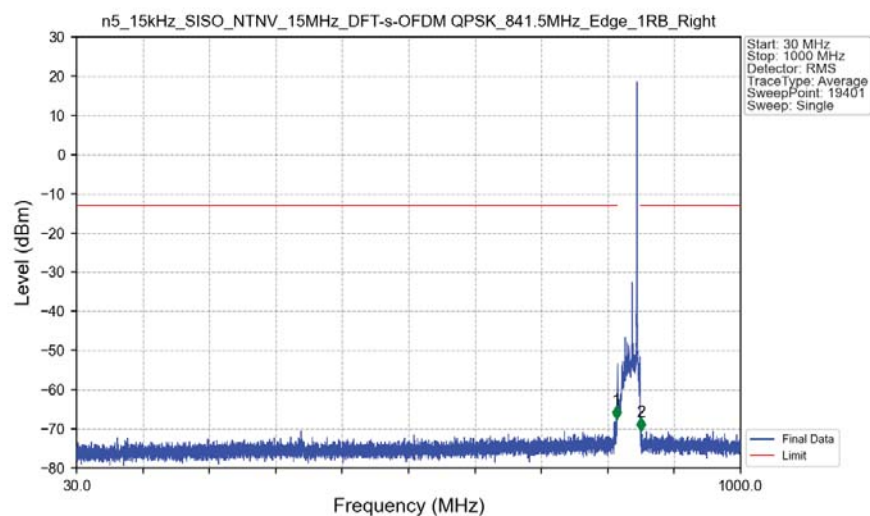


n5 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 841.5MHz Edge 1RB Right Ant0



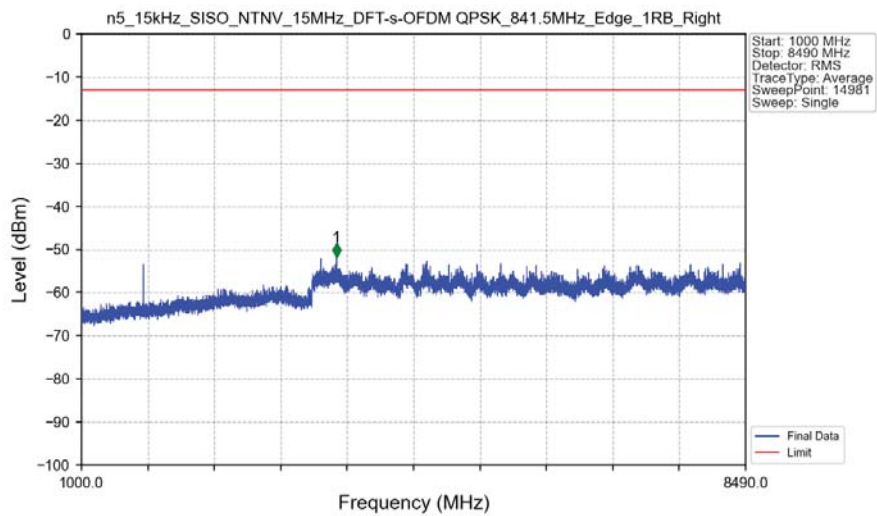
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-45.25	-13	Pass
850	854	0.1	CHP	2	852.884	-51.25	-13	Pass

n5 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 841.5MHz Edge 1RB Right Ant0



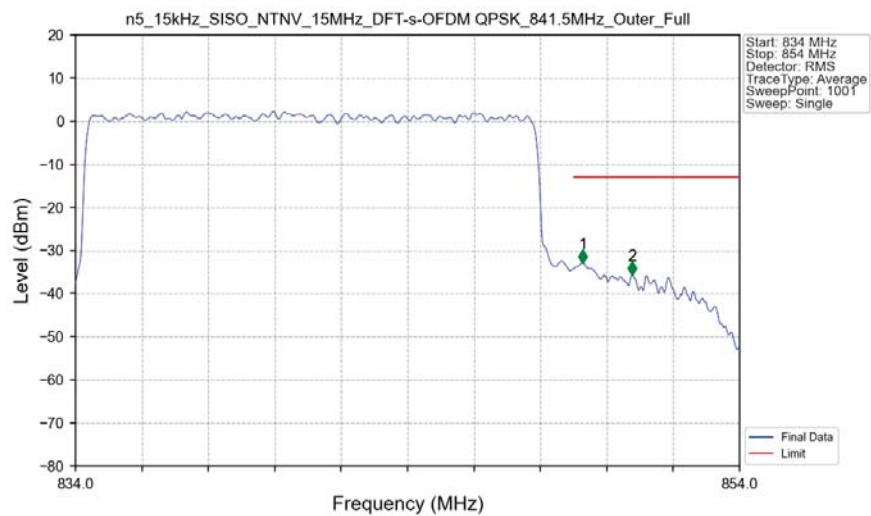
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.850	-67.59	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.600	-70.51	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant0



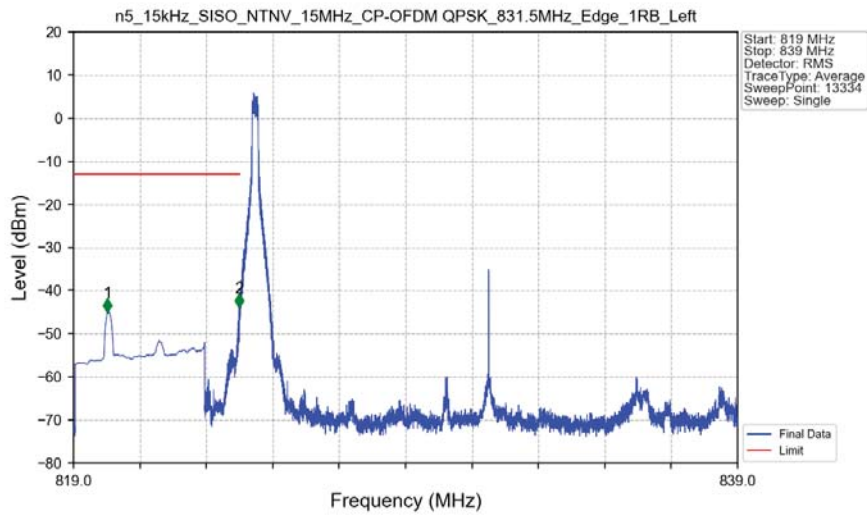
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	3877.500	-51.70	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant0

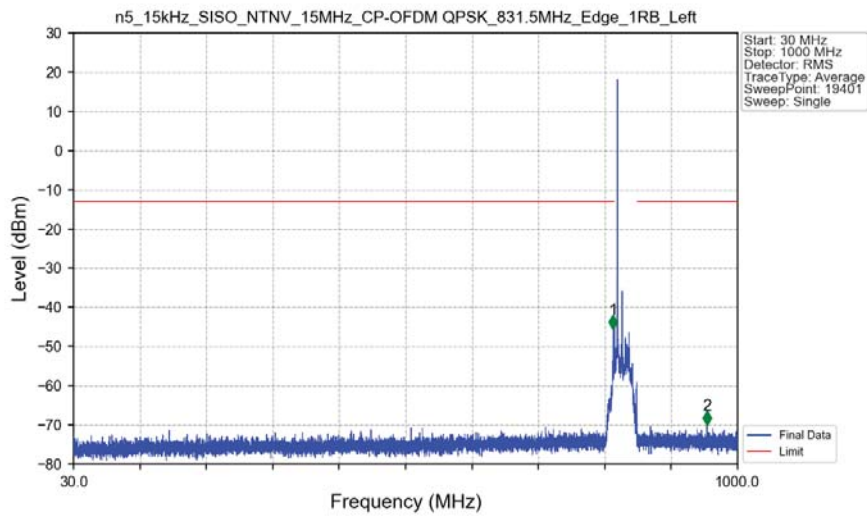


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.1459	CHP	/	/	/	/	/
849	850	0.1459	CHP	1	849.280	-32.90	-13	Pass
850	854	0.1	/	2	850.760	-35.74	-13	Pass

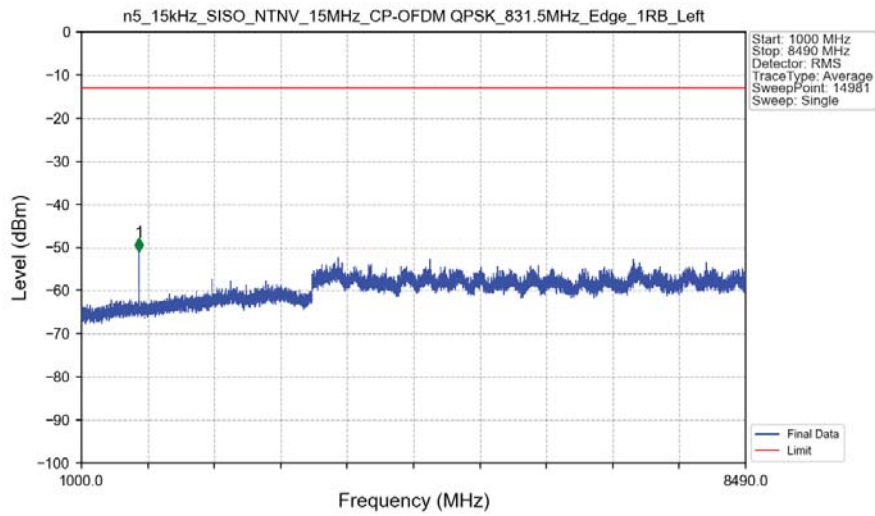
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0

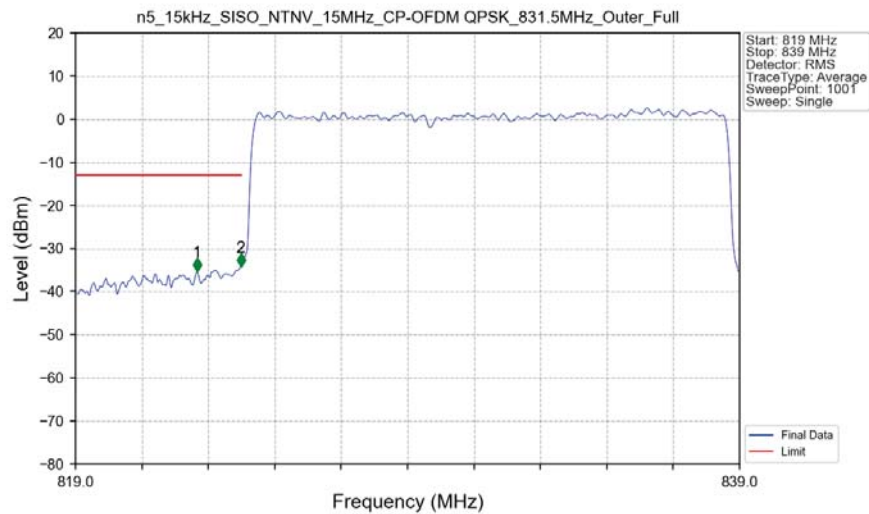


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left_Ant0



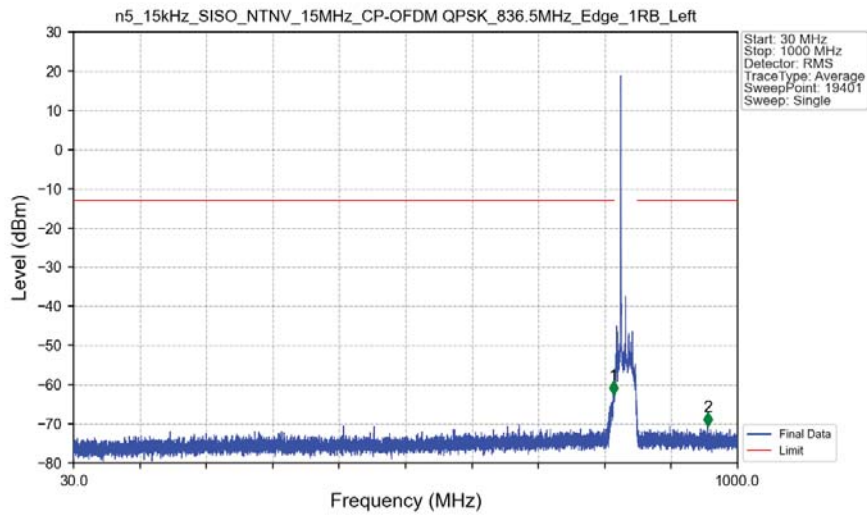
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-50.98	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Outer_Full_Ant0

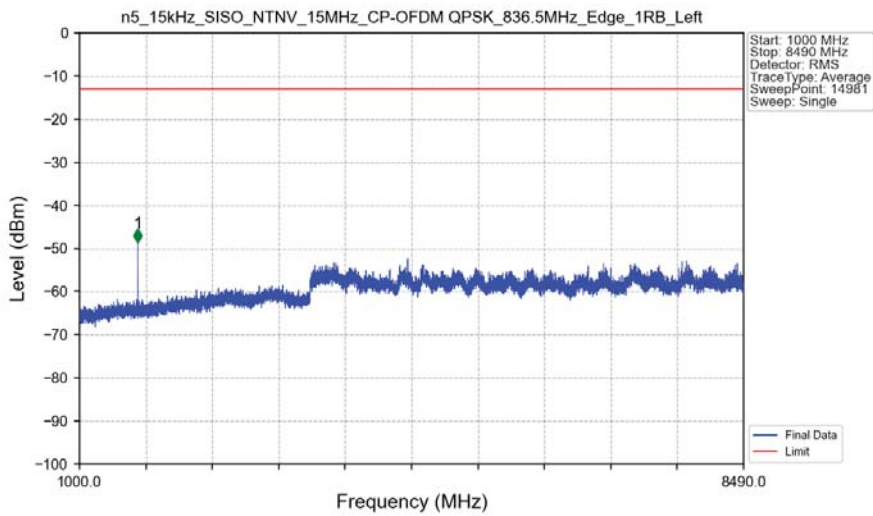


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.660	-35.39	-13	Pass
823	824	0.1459	CHP	2	823.980	-34.14	-13	Pass
824	839	0.1459	CHP	/	/	/	/	/

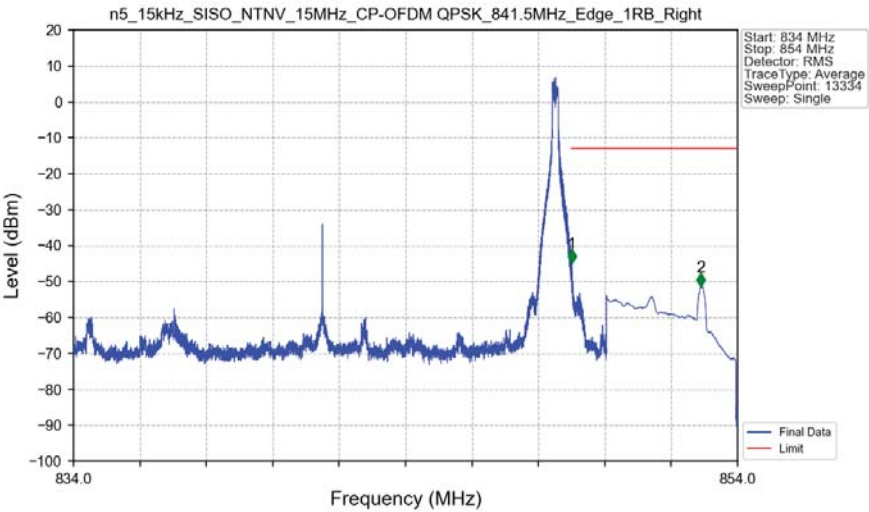
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

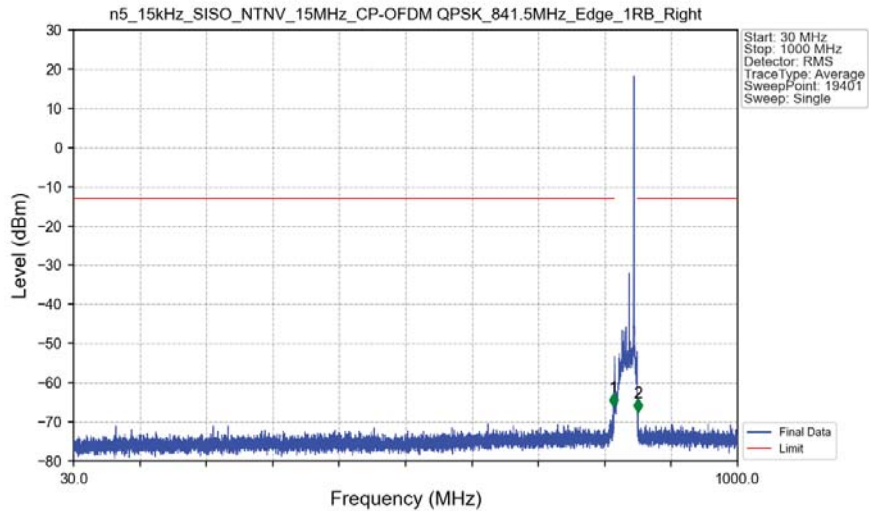


n5 15kHz SISO NTN 15MHz CP-OFDM QPSK 841.5MHz Edge 1RB_Right Ant0



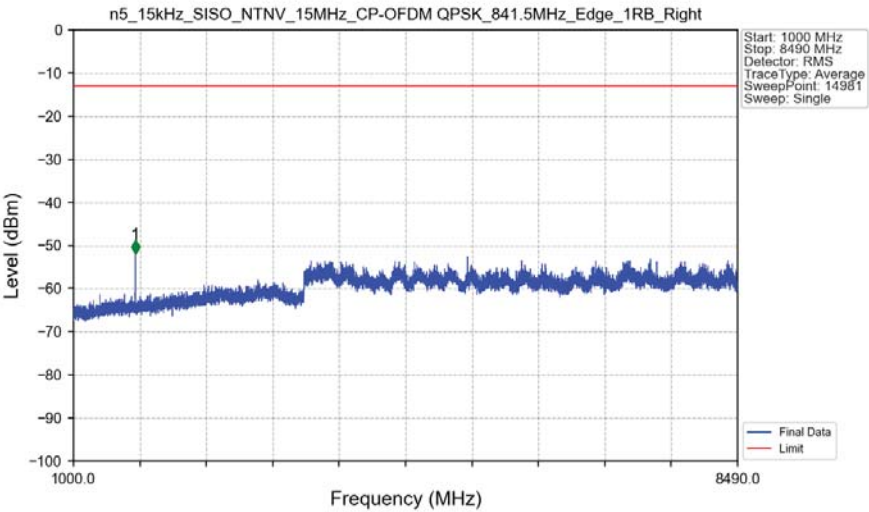
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-44.91	-13	Pass
850	854	0.1	CHP	2	852.882	-51.40	-13	Pass

n5 15kHz SISO NTN 15MHz CP-OFDM QPSK 841.5MHz Edge 1RB_Right Ant0



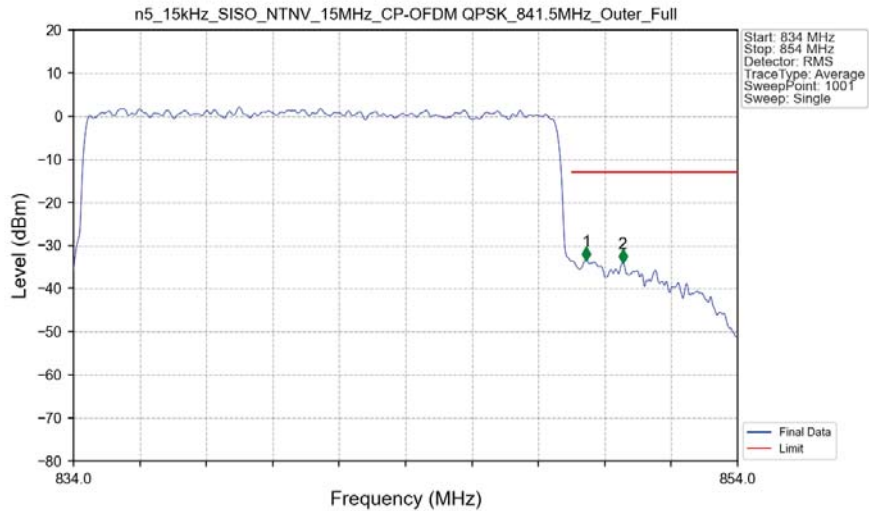
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.850	-66.16	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.750	-67.49	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-51.81	-13	Pass

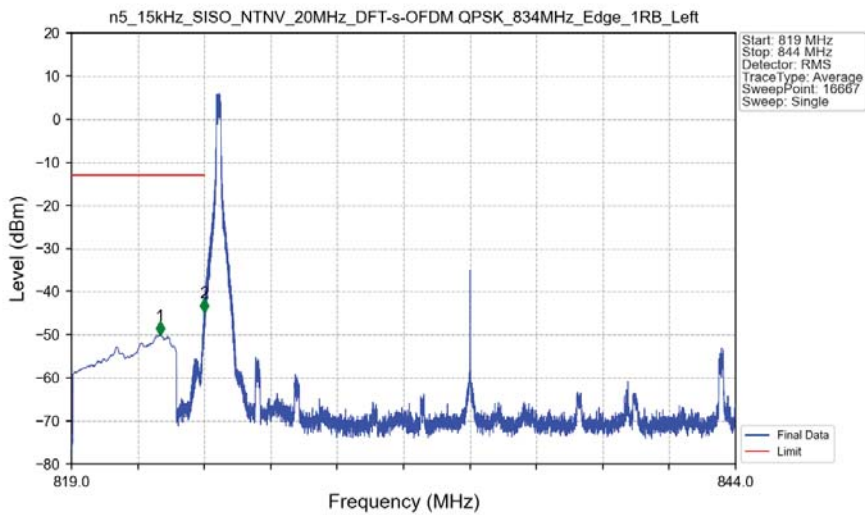
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.1459	CHP	/	/	/	/	/
849	850	0.1459	CHP	1	849.440	-33.45	-13	Pass
850	854	0.1	/	2	850.540	-34.09	-13	Pass

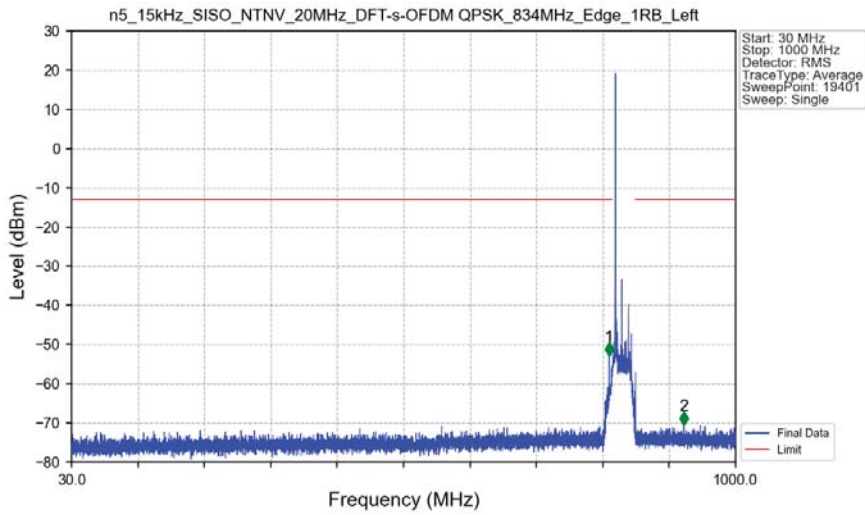
5.2.3 15_S_20M_NTNV

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



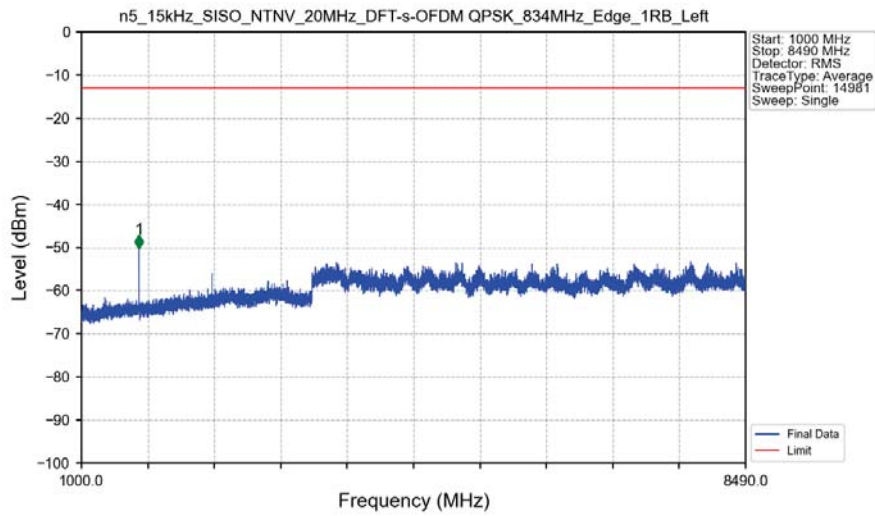
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.336	-50.05	-13	Pass
823	824	0.003	/	2	823.994	-44.83	-13	Pass
824	844	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



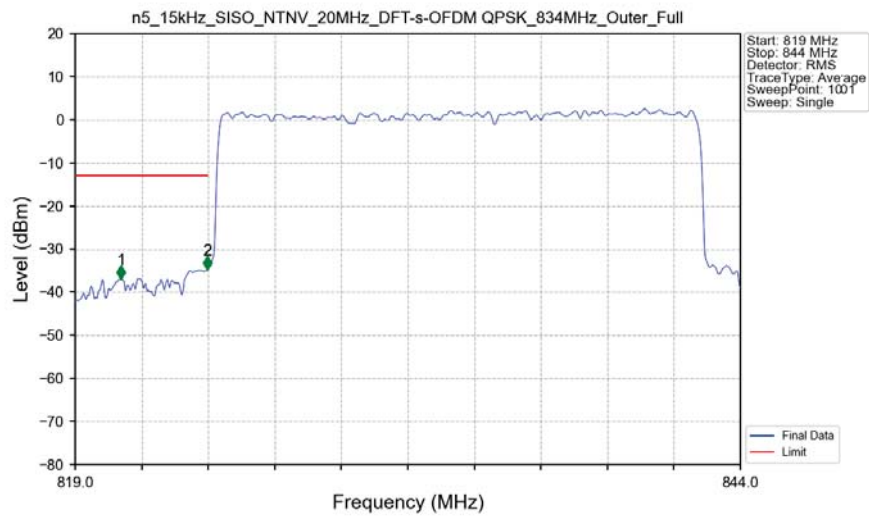
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.100	-52.84	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	924.100	-70.58	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



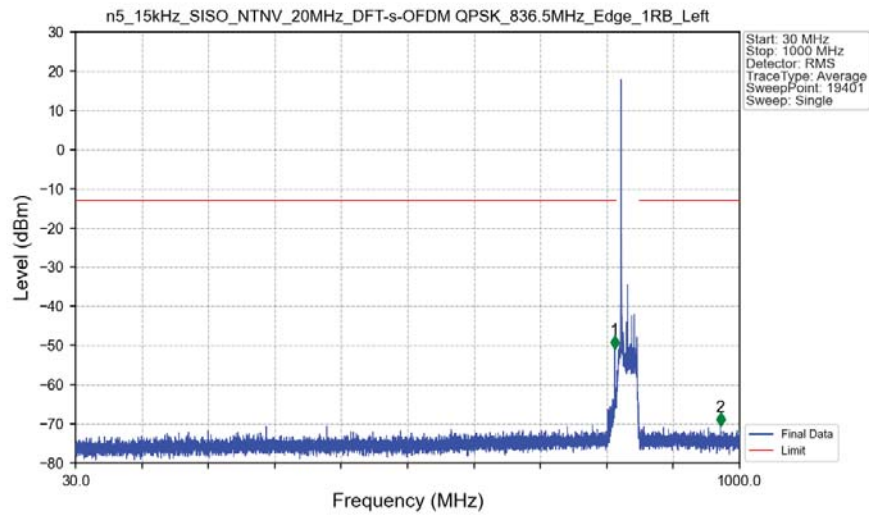
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-50.18	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full_Ant0

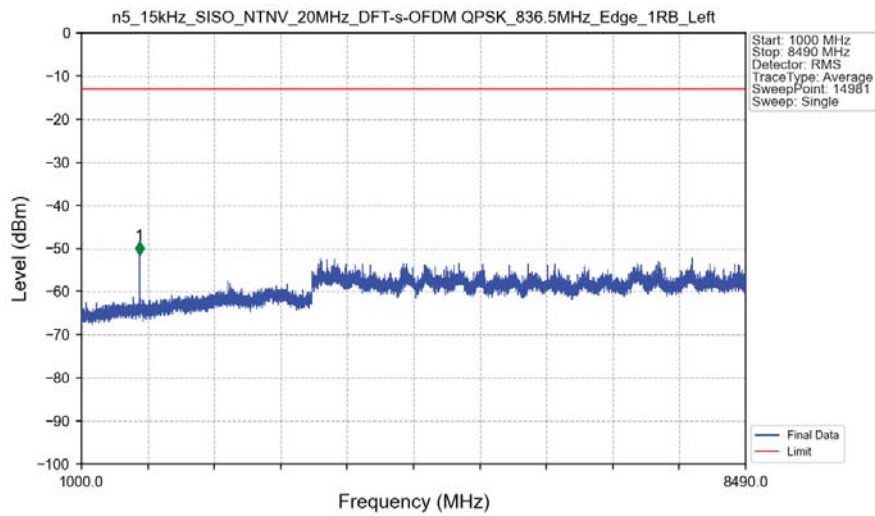


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	820.725	-36.88	-13	Pass
823	824	0.19359	CHP	2	823.975	-34.71	-13	Pass
824	844	0.19359	CHP	/	/	/	/	/

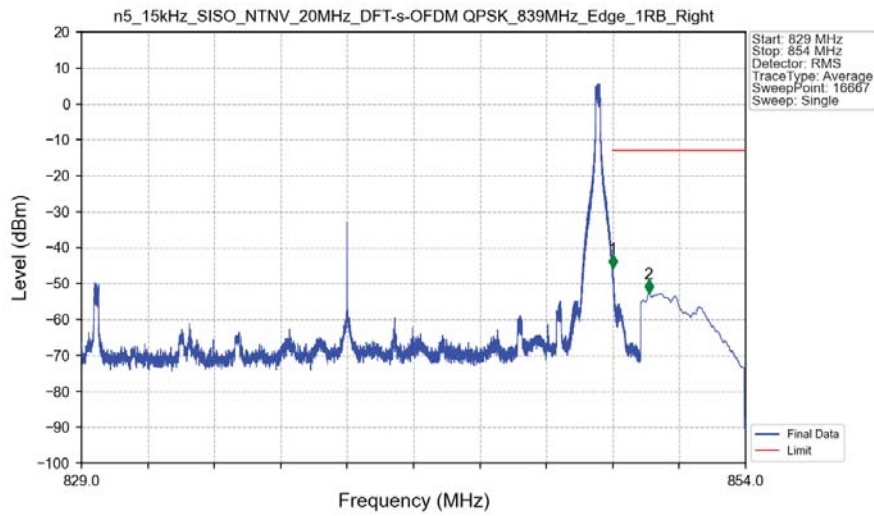
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0

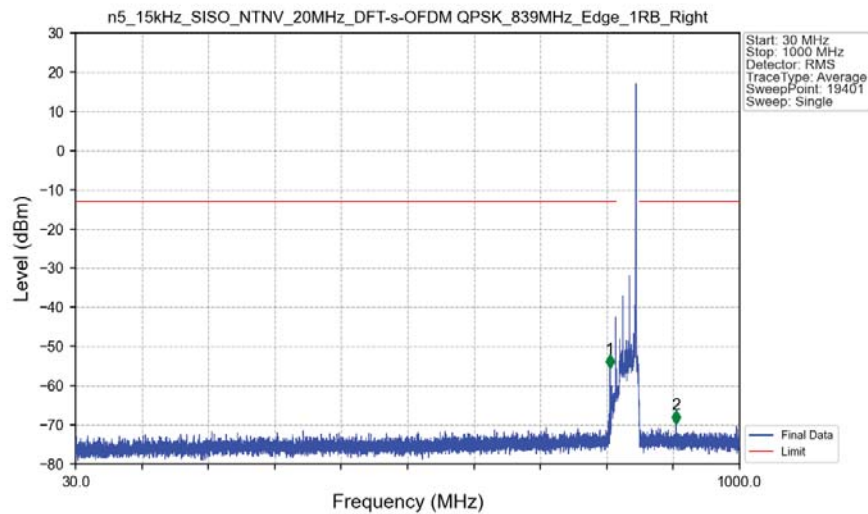


n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0



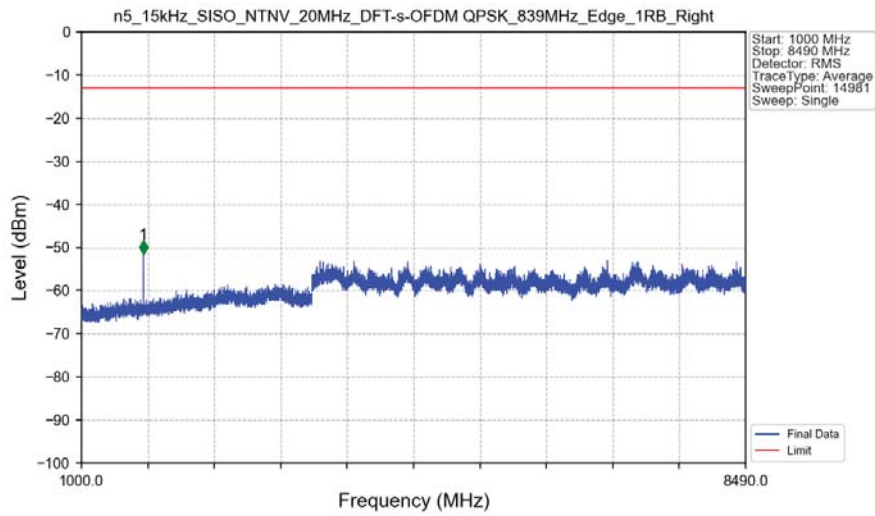
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-45.77	-13	Pass
850	854	0.1	CHP	2	850.353	-52.76	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0

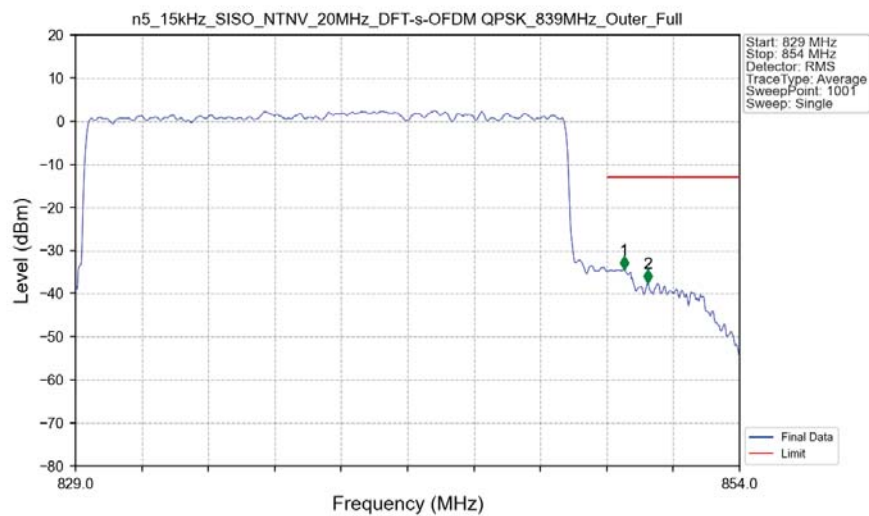


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.650	-55.47	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	907.250	-69.63	-13	Pass

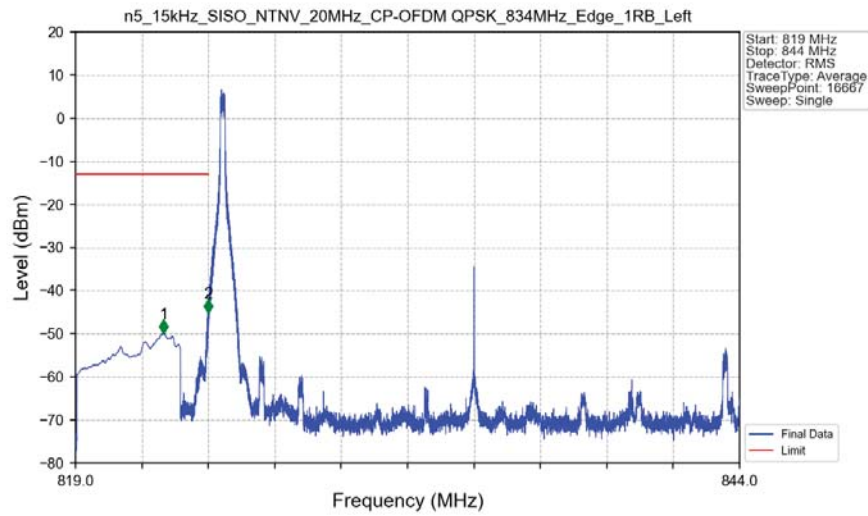
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0



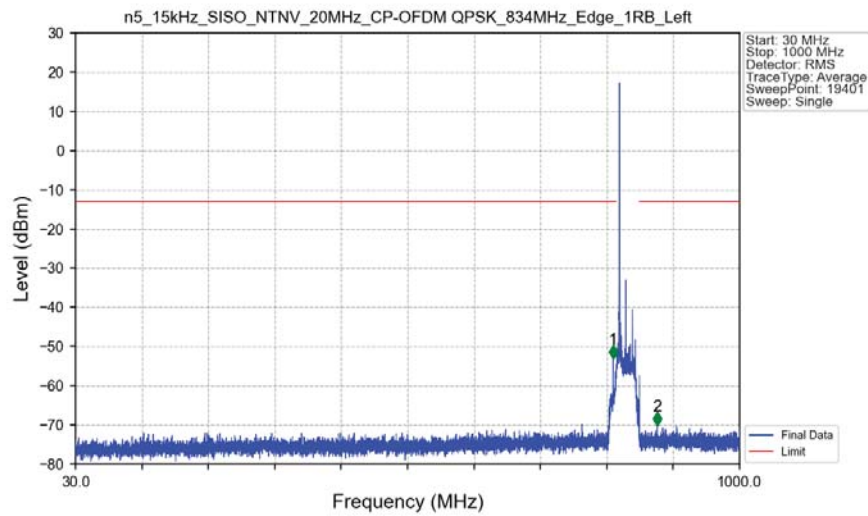
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant0



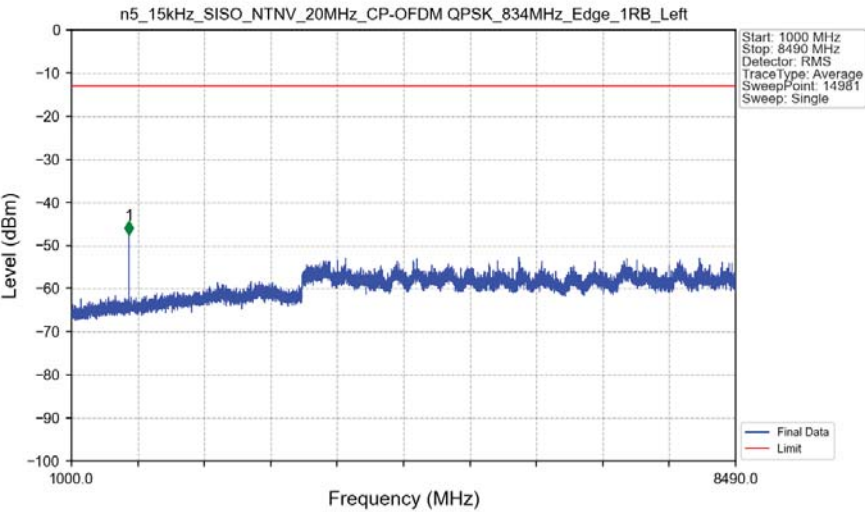
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0

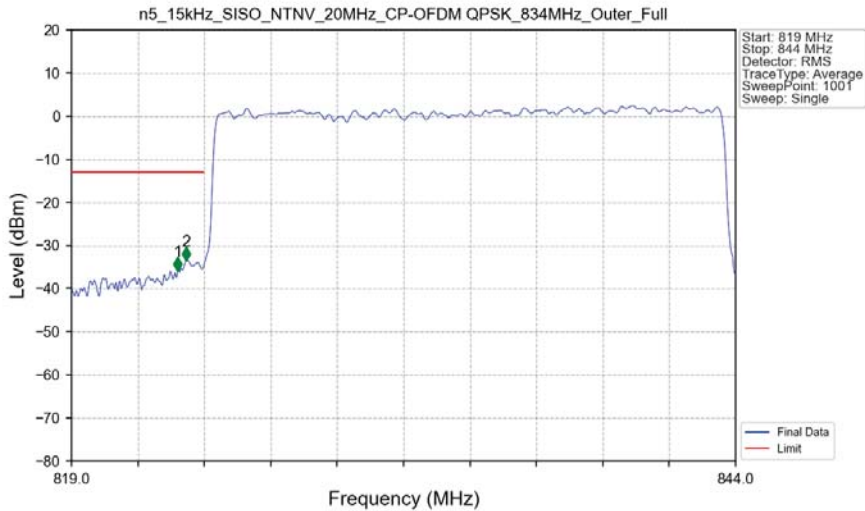


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left_Ant0



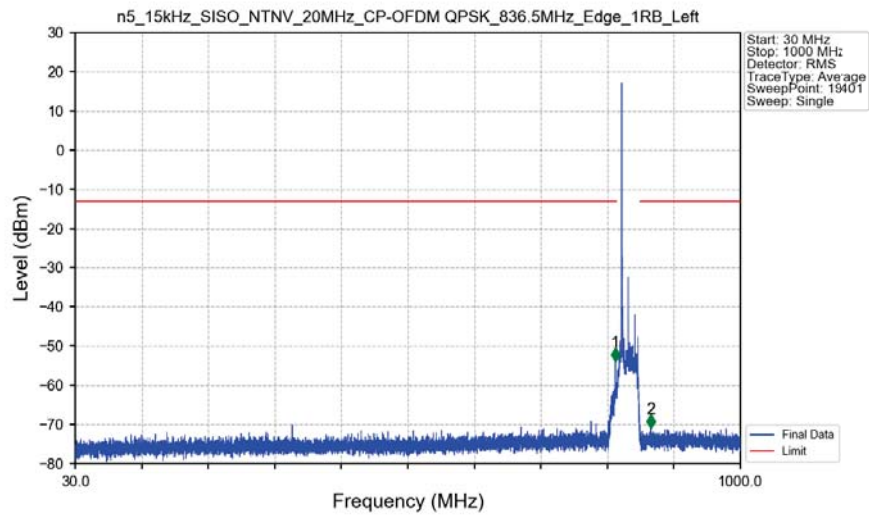
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-47.52	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant0

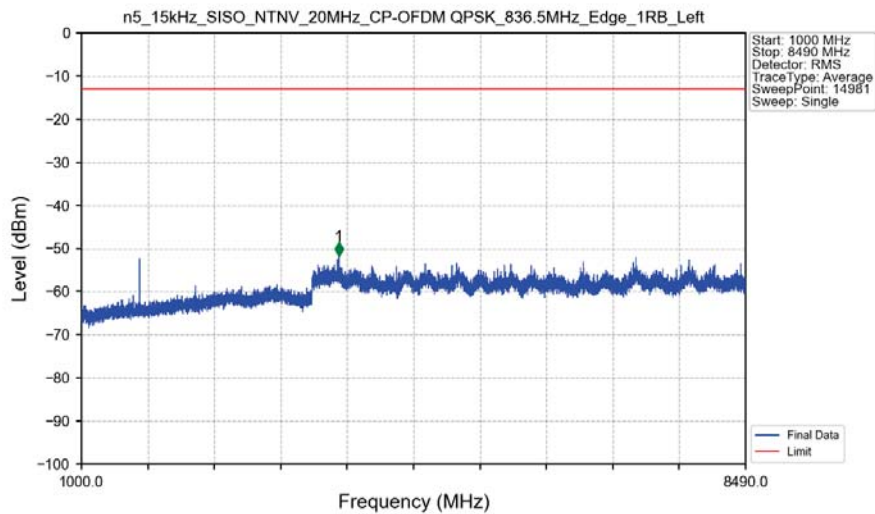


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	823.000	-35.91	-13	Pass
823	824	0.19359	CHP	2	823.325	-33.47	-13	Pass
824	844	0.19359	CHP	/	/	/	/	/

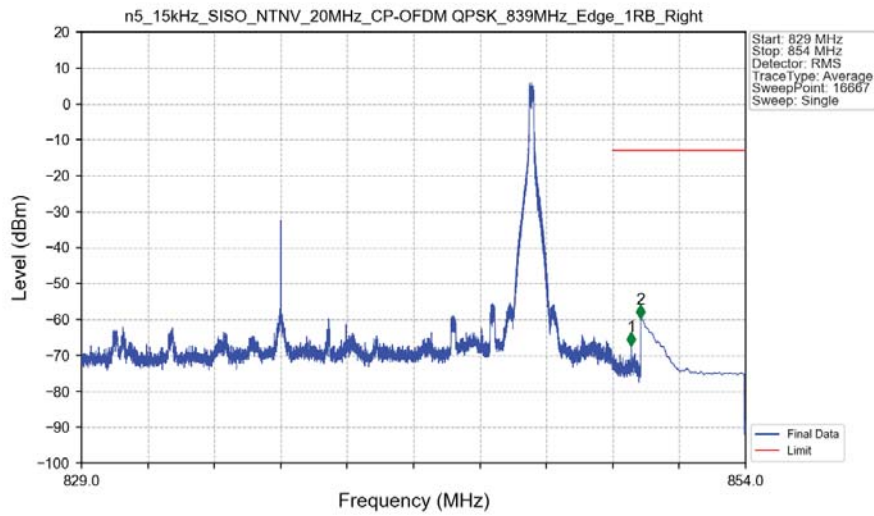
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_836.5MHz_Edge_1RB_Left_Ant0

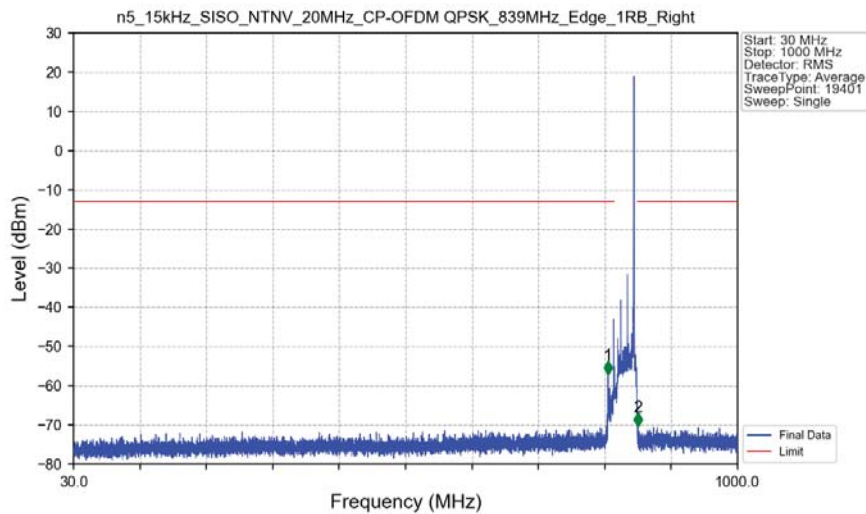


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0



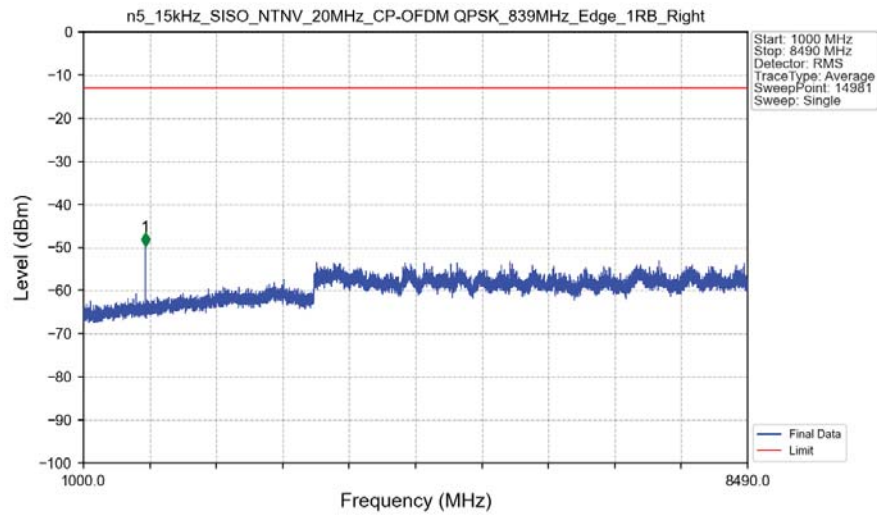
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.698	-67.42	-13	Pass
850	854	0.1	CHP	2	850.053	-59.78	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0



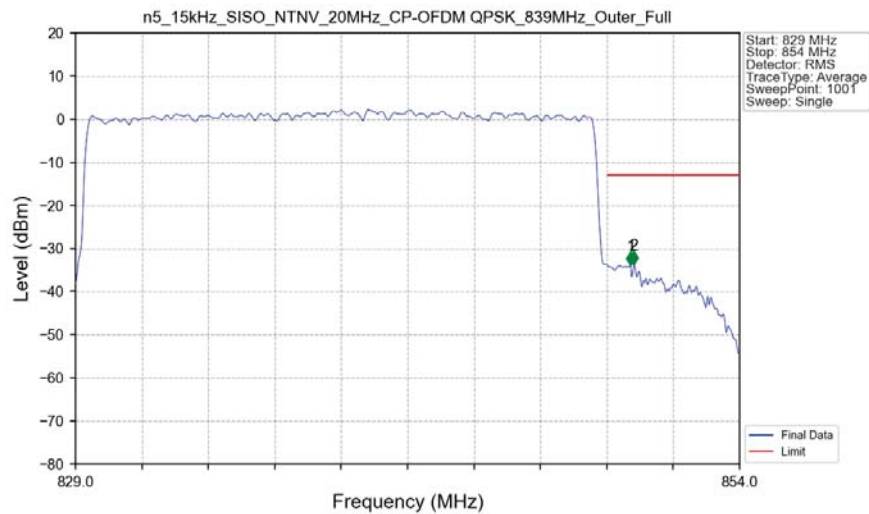
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	810.650	-57.04	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.250	-70.30	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-49.68	-13	Pass

n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.19359	CHP	/	/	/	/	/
849	850	0.19359	CHP	1	849.900	-33.80	-13	Pass
850	854	0.1	/	2	850.025	-33.74	-13	Pass

6. Field Strength of Spurious Radiation

NR N5-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1650.0	-63.01	-13	-50.01	-65.89	2.62	5.5	Horizontal	Pass
2475.0	-61.33	-13	-48.33	-64.03	3.06	5.76	Horizontal	Pass
3300.0	-58.38	-13	-45.38	-62.75	3.3	7.67	Horizontal	Pass
1650.0	-63.95	-13	-50.95	-66.83	2.62	5.5	Vertical	Pass
2475.0	-59.91	-13	-46.91	-62.61	3.06	5.76	Vertical	Pass
3300.0	-56.4	-13	-43.4	-60.77	3.3	7.67	Vertical	Pass

NR N5-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1655.0	-63.24	-13	-50.24	-66.11	2.62	5.49	Horizontal	Pass
2482.5	-60.76	-13	-47.76	-63.47	3.07	5.78	Horizontal	Pass
3310.0	-58.33	-13	-45.33	-62.73	3.3	7.7	Horizontal	Pass
1655.0	-64.9	-13	-51.9	-67.77	2.62	5.49	Vertical	Pass
2482.5	-60.78	-13	-47.78	-63.49	3.07	5.78	Vertical	Pass
3310.0	-59.5	-13	-46.5	-63.9	3.3	7.7	Vertical	Pass

NR N5-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1660.0	-63.25	-13	-50.25	-66.11	2.62	5.48	Horizontal	Pass
2490.0	-60.67	-13	-47.67	-63.4	3.07	5.8	Horizontal	Pass
3320.0	-57.7	-13	-44.7	-62.11	3.31	7.72	Horizontal	Pass
1660.0	-63.52	-13	-50.52	-66.38	2.62	5.48	Vertical	Pass
2490.0	-60.48	-13	-47.48	-63.21	3.07	5.8	Vertical	Pass
3320.0	-56.98	-13	-43.98	-61.39	3.31	7.72	Vertical	Pass

NSA_7A_n5A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1650.0	-63.58	-13	-50.58	-66.46	2.62	5.5	Horizontal	Pass
2475.0	-61.94	-13	-48.94	-64.64	3.06	5.76	Horizontal	Pass
3300.0	-56.53	-13	-43.53	-60.9	3.3	7.67	Horizontal	Pass
1650.0	-62.72	-13	-49.72	-65.6	2.62	5.5	Vertical	Pass
2475.0	-61.56	-13	-48.56	-64.26	3.06	5.76	Vertical	Pass
3300.0	-57.25	-13	-44.25	-61.62	3.3	7.67	Vertical	Pass

NSA_7A_n5A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1655.0	-60.84	-13	-47.84	-63.71	2.62	5.49	Horizontal	Pass
2482.5	-59.94	-13	-46.94	-62.65	3.07	5.78	Horizontal	Pass
3310.0	-57.33	-13	-44.33	-61.73	3.3	7.7	Horizontal	Pass
1655.0	-61.32	-13	-48.32	-64.19	2.62	5.49	Vertical	Pass
2482.5	-60.01	-13	-47.01	-62.72	3.07	5.78	Vertical	Pass
3310.0	-56.79	-13	-43.79	-61.19	3.3	7.7	Vertical	Pass

NSA_7A_n5A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1660.0	-62.27	-13	-49.27	-65.13	2.62	5.48	Horizontal	Pass
2490.0	-61.05	-13	-48.05	-63.78	3.07	5.8	Horizontal	Pass
3320.0	-56.88	-13	-43.88	-61.29	3.31	7.72	Horizontal	Pass
1660.0	-63.04	-13	-50.04	-65.9	2.62	5.48	Vertical	Pass
2490.0	-60.43	-13	-47.43	-63.16	3.07	5.8	Vertical	Pass
3320.0	-57.2	-13	-44.2	-61.61	3.31	7.72	Vertical	Pass