

1. Transmitter Conducted Power Output

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n26a SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			Conducted power(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Edge_1RB_Left	23.41	/	/	23.41	/	/	<=50	Pass
		Edge_1RB_Right	23.44	/	/	23.44	/	/	<=50	Pass
		Outer_Full	23.61	/	/	23.61	/	/	<=50	Pass
		Inner_Full	23.99	/	/	23.99	/	/	<=50	Pass
		Inner_1RB_Left	23.94	/	/	23.94	/	/	<=50	Pass
		Inner_1RB_Right	23.86	/	/	23.86	/	/	<=50	Pass
	819	Edge_1RB_Left	23.43	/	/	23.43	/	/	<=50	Pass
		Edge_1RB_Right	23.48	/	/	23.48	/	/	<=50	Pass
		Outer_Full	23.61	/	/	23.61	/	/	<=50	Pass
		Inner_Full	24.06	/	/	24.06	/	/	<=50	Pass
		Inner_1RB_Left	23.91	/	/	23.91	/	/	<=50	Pass
		Inner_1RB_Right	23.95	/	/	23.95	/	/	<=50	Pass
	821.5	Edge_1RB_Left	23.41	/	/	23.41	/	/	<=50	Pass
		Edge_1RB_Right	23.45	/	/	23.45	/	/	<=50	Pass
		Outer_Full	23.49	/	/	23.49	/	/	<=50	Pass
		Inner_Full	24.01	/	/	24.01	/	/	<=50	Pass
		Inner_1RB_Left	23.96	/	/	23.96	/	/	<=50	Pass
		Inner_1RB_Right	23.89	/	/	23.89	/	/	<=50	Pass
DFT-s-OFDM QPSK	816.5	Edge_1RB_Left	22.95	/	/	22.95	/	/	<=50	Pass
		Edge_1RB_Right	23.08	/	/	23.08	/	/	<=50	Pass
		Outer_Full	22.95	/	/	22.95	/	/	<=50	Pass
		Inner_Full	24.01	/	/	24.01	/	/	<=50	Pass
		Inner_1RB_Left	24.06	/	/	24.06	/	/	<=50	Pass
		Inner_1RB_Right	24.01	/	/	24.01	/	/	<=50	Pass
	819	Edge_1RB_Left	22.96	/	/	22.96	/	/	<=50	Pass
		Edge_1RB_Right	23.04	/	/	23.04	/	/	<=50	Pass
		Outer_Full	23.07	/	/	23.07	/	/	<=50	Pass
		Inner_Full	24.10	/	/	24.10	/	/	<=50	Pass
		Inner_1RB_Left	24.04	/	/	24.04	/	/	<=50	Pass
		Inner_1RB_Right	24.22	/	/	24.22	/	/	<=50	Pass
	821.5	Edge_1RB_Left	23.01	/	/	23.01	/	/	<=50	Pass
		Edge_1RB_Right	23.06	/	/	23.06	/	/	<=50	Pass
		Outer_Full	22.97	/	/	22.97	/	/	<=50	Pass
		Inner_Full	24.02	/	/	24.02	/	/	<=50	Pass
		Inner_1RB_Left	24.25	/	/	24.25	/	/	<=50	Pass
		Inner_1RB_Right	24.18	/	/	24.18	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	816.5	Edge_1RB_Left	22.02	/	/	22.02	/	/	<=50	Pass
		Edge_1RB_Right	22.08	/	/	22.08	/	/	<=50	Pass
		Outer_Full	21.98	/	/	21.98	/	/	<=50	Pass
		Inner_Full	22.83	/	/	22.83	/	/	<=50	Pass
		Inner_1RB_Left	23.03	/	/	23.03	/	/	<=50	Pass
		Inner_1RB_Right	23.00	/	/	23.00	/	/	<=50	Pass
	819	Edge_1RB_Left	22.00	/	/	22.00	/	/	<=50	Pass
		Edge_1RB_Right	22.04	/	/	22.04	/	/	<=50	Pass
		Outer_Full	22.10	/	/	22.10	/	/	<=50	Pass
		Inner_Full	22.97	/	/	22.97	/	/	<=50	Pass
		Inner_1RB_Left	23.04	/	/	23.04	/	/	<=50	Pass
		Inner_1RB_Right	23.09	/	/	23.09	/	/	<=50	Pass
	821.5	Edge_1RB_Left	22.12	/	/	22.12	/	/	<=50	Pass

		Edge_1RB_Right	22.16	/	/	22.16	/	/	<=50	Pass
		Outer_Full	22.01	/	/	22.01	/	/	<=50	Pass
		Inner_Full	22.87	/	/	22.87	/	/	<=50	Pass
		Inner_1RB_Left	23.15	/	/	23.15	/	/	<=50	Pass
		Inner_1RB_Right	23.13	/	/	23.13	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	816.5	Edge_1RB_Left	21.55	/	/	21.55	/	/	<=50	Pass
		Edge_1RB_Right	21.69	/	/	21.69	/	/	<=50	Pass
		Outer_Full	21.62	/	/	21.62	/	/	<=50	Pass
		Inner_Full	21.48	/	/	21.48	/	/	<=50	Pass
		Inner_1RB_Left	21.63	/	/	21.63	/	/	<=50	Pass
		Inner_1RB_Right	21.70	/	/	21.70	/	/	<=50	Pass
	819	Edge_1RB_Left	21.64	/	/	21.64	/	/	<=50	Pass
		Edge_1RB_Right	21.53	/	/	21.53	/	/	<=50	Pass
		Outer_Full	21.61	/	/	21.61	/	/	<=50	Pass
		Inner_Full	21.61	/	/	21.61	/	/	<=50	Pass
		Inner_1RB_Left	21.47	/	/	21.47	/	/	<=50	Pass
		Inner_1RB_Right	21.68	/	/	21.68	/	/	<=50	Pass
	821.5	Edge_1RB_Left	21.62	/	/	21.62	/	/	<=50	Pass
		Edge_1RB_Right	21.64	/	/	21.64	/	/	<=50	Pass
		Outer_Full	21.60	/	/	21.60	/	/	<=50	Pass
		Inner_Full	21.53	/	/	21.53	/	/	<=50	Pass
		Inner_1RB_Left	21.64	/	/	21.64	/	/	<=50	Pass
		Inner_1RB_Right	21.66	/	/	21.66	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	816.5	Edge_1RB_Left	19.22	/	/	19.22	/	/	<=50	Pass
		Edge_1RB_Right	19.21	/	/	19.21	/	/	<=50	Pass
		Outer_Full	19.46	/	/	19.46	/	/	<=50	Pass
		Inner_Full	19.45	/	/	19.45	/	/	<=50	Pass
		Inner_1RB_Left	19.20	/	/	19.20	/	/	<=50	Pass
		Inner_1RB_Right	19.31	/	/	19.31	/	/	<=50	Pass
	819	Edge_1RB_Left	19.25	/	/	19.25	/	/	<=50	Pass
		Edge_1RB_Right	19.36	/	/	19.36	/	/	<=50	Pass
		Outer_Full	19.43	/	/	19.43	/	/	<=50	Pass
		Inner_Full	19.38	/	/	19.38	/	/	<=50	Pass
		Inner_1RB_Left	19.33	/	/	19.33	/	/	<=50	Pass
		Inner_1RB_Right	19.26	/	/	19.26	/	/	<=50	Pass
	821.5	Edge_1RB_Left	19.23	/	/	19.23	/	/	<=50	Pass
		Edge_1RB_Right	19.33	/	/	19.33	/	/	<=50	Pass
		Outer_Full	19.46	/	/	19.46	/	/	<=50	Pass
		Inner_Full	19.50	/	/	19.50	/	/	<=50	Pass
		Inner_1RB_Left	19.29	/	/	19.29	/	/	<=50	Pass
		Inner_1RB_Right	19.32	/	/	19.32	/	/	<=50	Pass
CP-OFDM QPSK	816.5	Edge_1RB_Left	21.05	/	/	21.05	/	/	<=50	Pass
		Edge_1RB_Right	20.99	/	/	20.99	/	/	<=50	Pass
		Outer_Full	21.13	/	/	21.13	/	/	<=50	Pass
		Inner_Full	22.89	/	/	22.89	/	/	<=50	Pass
		Inner_1RB_Left	22.48	/	/	22.48	/	/	<=50	Pass
		Inner_1RB_Right	22.78	/	/	22.78	/	/	<=50	Pass
	819	Edge_1RB_Left	21.01	/	/	21.01	/	/	<=50	Pass
		Edge_1RB_Right	21.00	/	/	21.00	/	/	<=50	Pass
		Outer_Full	21.12	/	/	21.12	/	/	<=50	Pass
		Inner_Full	22.61	/	/	22.61	/	/	<=50	Pass
		Inner_1RB_Left	22.75	/	/	22.75	/	/	<=50	Pass
		Inner_1RB_Right	22.55	/	/	22.55	/	/	<=50	Pass
	821.5	Edge_1RB_Left	21.15	/	/	21.15	/	/	<=50	Pass
		Edge_1RB_Right	21.14	/	/	21.14	/	/	<=50	Pass
		Outer_Full	21.07	/	/	21.07	/	/	<=50	Pass
		Inner_Full	22.58	/	/	22.58	/	/	<=50	Pass
		Inner_1RB_Left	22.49	/	/	22.49	/	/	<=50	Pass
		Inner_1RB_Right	22.64	/	/	22.64	/	/	<=50	Pass

CP-OFDM 16 QAM	816.5	Edge_1RB_Left	21.00	/	/	21.00	/	/	<=50	Pass
		Edge_1RB_Right	21.08	/	/	21.08	/	/	<=50	Pass
		Outer_Full	20.93	/	/	20.93	/	/	<=50	Pass
		Inner_Full	21.95	/	/	21.95	/	/	<=50	Pass
		Inner_1RB_Left	21.97	/	/	21.97	/	/	<=50	Pass
		Inner_1RB_Right	22.09	/	/	22.09	/	/	<=50	Pass
	819	Edge_1RB_Left	20.92	/	/	20.92	/	/	<=50	Pass
		Edge_1RB_Right	21.02	/	/	21.02	/	/	<=50	Pass
		Outer_Full	20.97	/	/	20.97	/	/	<=50	Pass
		Inner_Full	22.01	/	/	22.01	/	/	<=50	Pass
		Inner_1RB_Left	21.95	/	/	21.95	/	/	<=50	Pass
		Inner_1RB_Right	22.04	/	/	22.04	/	/	<=50	Pass
	821.5	Edge_1RB_Left	20.89	/	/	20.89	/	/	<=50	Pass
		Edge_1RB_Right	20.97	/	/	20.97	/	/	<=50	Pass
		Outer_Full	20.97	/	/	20.97	/	/	<=50	Pass
		Inner_Full	22.02	/	/	22.02	/	/	<=50	Pass
		Inner_1RB_Left	21.94	/	/	21.94	/	/	<=50	Pass
		Inner_1RB_Right	21.99	/	/	21.99	/	/	<=50	Pass
CP-OFDM 64 QAM	816.5	Edge_1RB_Left	20.63	/	/	20.63	/	/	<=50	Pass
		Edge_1RB_Right	20.58	/	/	20.58	/	/	<=50	Pass
		Outer_Full	20.67	/	/	20.67	/	/	<=50	Pass
		Inner_Full	20.62	/	/	20.62	/	/	<=50	Pass
		Inner_1RB_Left	20.55	/	/	20.55	/	/	<=50	Pass
		Inner_1RB_Right	20.69	/	/	20.69	/	/	<=50	Pass
	819	Edge_1RB_Left	20.56	/	/	20.56	/	/	<=50	Pass
		Edge_1RB_Right	20.46	/	/	20.46	/	/	<=50	Pass
		Outer_Full	20.64	/	/	20.64	/	/	<=50	Pass
		Inner_Full	20.45	/	/	20.45	/	/	<=50	Pass
		Inner_1RB_Left	20.52	/	/	20.52	/	/	<=50	Pass
		Inner_1RB_Right	20.52	/	/	20.52	/	/	<=50	Pass
	821.5	Edge_1RB_Left	20.67	/	/	20.67	/	/	<=50	Pass
		Edge_1RB_Right	20.67	/	/	20.67	/	/	<=50	Pass
		Outer_Full	20.69	/	/	20.69	/	/	<=50	Pass
		Inner_Full	20.59	/	/	20.59	/	/	<=50	Pass
		Inner_1RB_Left	20.58	/	/	20.58	/	/	<=50	Pass
		Inner_1RB_Right	20.68	/	/	20.68	/	/	<=50	Pass
CP-OFDM 256 QAM	816.5	Edge_1RB_Left	17.24	/	/	17.24	/	/	<=50	Pass
		Edge_1RB_Right	17.20	/	/	17.20	/	/	<=50	Pass
		Outer_Full	17.57	/	/	17.57	/	/	<=50	Pass
		Inner_Full	17.59	/	/	17.59	/	/	<=50	Pass
		Inner_1RB_Left	17.25	/	/	17.25	/	/	<=50	Pass
		Inner_1RB_Right	17.17	/	/	17.17	/	/	<=50	Pass
	819	Edge_1RB_Left	17.16	/	/	17.16	/	/	<=50	Pass
		Edge_1RB_Right	17.29	/	/	17.29	/	/	<=50	Pass
		Outer_Full	17.51	/	/	17.51	/	/	<=50	Pass
		Inner_Full	17.53	/	/	17.53	/	/	<=50	Pass
		Inner_1RB_Left	17.25	/	/	17.25	/	/	<=50	Pass
		Inner_1RB_Right	17.21	/	/	17.21	/	/	<=50	Pass
	821.5	Edge_1RB_Left	17.21	/	/	17.21	/	/	<=50	Pass
		Edge_1RB_Right	17.18	/	/	17.18	/	/	<=50	Pass
		Outer_Full	17.56	/	/	17.56	/	/	<=50	Pass
		Inner_Full	17.55	/	/	17.55	/	/	<=50	Pass
		Inner_1RB_Left	17.24	/	/	17.24	/	/	<=50	Pass
		Inner_1RB_Right	17.17	/	/	17.17	/	/	<=50	Pass

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n26a SCS=15kHz SISO 10MHz NTV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			Conducted power(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Edge_1RB_Left	23.48	/	/	23.48	/	/	<=50	Pass
		Edge_1RB_Right	23.43	/	/	23.43	/	/	<=50	Pass
		Outer_Full	23.55	/	/	23.55	/	/	<=50	Pass
		Inner_Full	23.94	/	/	23.94	/	/	<=50	Pass
		Inner_1RB_Left	23.94	/	/	23.94	/	/	<=50	Pass
		Inner_1RB_Right	23.95	/	/	23.95	/	/	<=50	Pass
	819	Edge_1RB_Left	23.46	/	/	23.46	/	/	<=50	Pass
		Edge_1RB_Right	23.44	/	/	23.44	/	/	<=50	Pass
		Outer_Full	23.62	/	/	23.62	/	/	<=50	Pass
		Inner_Full	24.01	/	/	24.01	/	/	<=50	Pass
		Inner_1RB_Left	23.96	/	/	23.96	/	/	<=50	Pass
		Inner_1RB_Right	23.93	/	/	23.93	/	/	<=50	Pass
	819	Edge_1RB_Left	23.45	/	/	23.45	/	/	<=50	Pass
		Edge_1RB_Right	23.39	/	/	23.39	/	/	<=50	Pass
		Outer_Full	23.58	/	/	23.58	/	/	<=50	Pass
		Inner_Full	23.99	/	/	23.99	/	/	<=50	Pass
		Inner_1RB_Left	23.96	/	/	23.96	/	/	<=50	Pass
		Inner_1RB_Right	23.93	/	/	23.93	/	/	<=50	Pass
DFT-s-OFDM QPSK	819	Edge_1RB_Left	23.02	/	/	23.02	/	/	<=50	Pass
		Edge_1RB_Right	22.87	/	/	22.87	/	/	<=50	Pass
		Outer_Full	23.11	/	/	23.11	/	/	<=50	Pass
		Inner_Full	23.97	/	/	23.97	/	/	<=50	Pass
		Inner_1RB_Left	24.06	/	/	24.06	/	/	<=50	Pass
		Inner_1RB_Right	24.10	/	/	24.10	/	/	<=50	Pass
	819	Edge_1RB_Left	23.08	/	/	23.08	/	/	<=50	Pass
		Edge_1RB_Right	23.03	/	/	23.03	/	/	<=50	Pass
		Outer_Full	23.06	/	/	23.06	/	/	<=50	Pass
		Inner_Full	24.08	/	/	24.08	/	/	<=50	Pass
		Inner_1RB_Left	24.05	/	/	24.05	/	/	<=50	Pass
		Inner_1RB_Right	24.01	/	/	24.01	/	/	<=50	Pass
	819	Edge_1RB_Left	23.04	/	/	23.04	/	/	<=50	Pass
		Edge_1RB_Right	22.97	/	/	22.97	/	/	<=50	Pass
		Outer_Full	23.05	/	/	23.05	/	/	<=50	Pass
		Inner_Full	23.96	/	/	23.96	/	/	<=50	Pass
		Inner_1RB_Left	24.07	/	/	24.07	/	/	<=50	Pass
		Inner_1RB_Right	24.09	/	/	24.09	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	819	Edge_1RB_Left	22.10	/	/	22.10	/	/	<=50	Pass
		Edge_1RB_Right	22.10	/	/	22.10	/	/	<=50	Pass
		Outer_Full	21.93	/	/	21.93	/	/	<=50	Pass
		Inner_Full	23.01	/	/	23.01	/	/	<=50	Pass
		Inner_1RB_Left	23.15	/	/	23.15	/	/	<=50	Pass
		Inner_1RB_Right	23.12	/	/	23.12	/	/	<=50	Pass
	819	Edge_1RB_Left	22.05	/	/	22.05	/	/	<=50	Pass
		Edge_1RB_Right	22.00	/	/	22.00	/	/	<=50	Pass
		Outer_Full	21.92	/	/	21.92	/	/	<=50	Pass
		Inner_Full	22.99	/	/	22.99	/	/	<=50	Pass
		Inner_1RB_Left	22.99	/	/	22.99	/	/	<=50	Pass
		Inner_1RB_Right	23.08	/	/	23.08	/	/	<=50	Pass
	819	Edge_1RB_Left	21.98	/	/	21.98	/	/	<=50	Pass
		Edge_1RB_Right	22.03	/	/	22.03	/	/	<=50	Pass
		Outer_Full	21.97	/	/	21.97	/	/	<=50	Pass
		Inner_Full	23.04	/	/	23.04	/	/	<=50	Pass
		Inner_1RB_Left	23.03	/	/	23.03	/	/	<=50	Pass
		Inner_1RB_Right	23.03	/	/	23.03	/	/	<=50	Pass

DFT-s-OFDM 64 QAM	819	Edge_1RB_Left	21.49	/	/	21.49	/	/	<=50	Pass
		Edge_1RB_Right	21.56	/	/	21.56	/	/	<=50	Pass
		Outer_Full	21.60	/	/	21.60	/	/	<=50	Pass
		Inner_Full	21.65	/	/	21.65	/	/	<=50	Pass
		Inner_1RB_Left	21.66	/	/	21.66	/	/	<=50	Pass
		Inner_1RB_Right	21.70	/	/	21.70	/	/	<=50	Pass
	819	Edge_1RB_Left	21.67	/	/	21.67	/	/	<=50	Pass
		Edge_1RB_Right	21.74	/	/	21.74	/	/	<=50	Pass
		Outer_Full	21.56	/	/	21.56	/	/	<=50	Pass
		Inner_Full	21.72	/	/	21.72	/	/	<=50	Pass
		Inner_1RB_Left	21.64	/	/	21.64	/	/	<=50	Pass
		Inner_1RB_Right	21.72	/	/	21.72	/	/	<=50	Pass
	819	Edge_1RB_Left	21.64	/	/	21.64	/	/	<=50	Pass
		Edge_1RB_Right	21.60	/	/	21.60	/	/	<=50	Pass
		Outer_Full	21.61	/	/	21.61	/	/	<=50	Pass
		Inner_Full	21.66	/	/	21.66	/	/	<=50	Pass
		Inner_1RB_Left	21.69	/	/	21.69	/	/	<=50	Pass
		Inner_1RB_Right	21.62	/	/	21.62	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	819	Edge_1RB_Left	19.12	/	/	19.12	/	/	<=50	Pass
		Edge_1RB_Right	19.24	/	/	19.24	/	/	<=50	Pass
		Outer_Full	19.50	/	/	19.50	/	/	<=50	Pass
		Inner_Full	19.50	/	/	19.50	/	/	<=50	Pass
		Inner_1RB_Left	19.18	/	/	19.18	/	/	<=50	Pass
		Inner_1RB_Right	19.31	/	/	19.31	/	/	<=50	Pass
	819	Edge_1RB_Left	19.21	/	/	19.21	/	/	<=50	Pass
		Edge_1RB_Right	19.29	/	/	19.29	/	/	<=50	Pass
		Outer_Full	19.55	/	/	19.55	/	/	<=50	Pass
		Inner_Full	19.45	/	/	19.45	/	/	<=50	Pass
		Inner_1RB_Left	19.26	/	/	19.26	/	/	<=50	Pass
		Inner_1RB_Right	19.26	/	/	19.26	/	/	<=50	Pass
	819	Edge_1RB_Left	19.11	/	/	19.11	/	/	<=50	Pass
		Edge_1RB_Right	19.27	/	/	19.27	/	/	<=50	Pass
		Outer_Full	19.50	/	/	19.50	/	/	<=50	Pass
		Inner_Full	19.49	/	/	19.49	/	/	<=50	Pass
		Inner_1RB_Left	19.20	/	/	19.20	/	/	<=50	Pass
		Inner_1RB_Right	19.30	/	/	19.30	/	/	<=50	Pass
CP-OFDM QPSK	819	Edge_1RB_Left	20.98	/	/	20.98	/	/	<=50	Pass
		Edge_1RB_Right	21.12	/	/	21.12	/	/	<=50	Pass
		Outer_Full	21.08	/	/	21.08	/	/	<=50	Pass
		Inner_Full	22.53	/	/	22.53	/	/	<=50	Pass
		Inner_1RB_Left	22.51	/	/	22.51	/	/	<=50	Pass
		Inner_1RB_Right	22.53	/	/	22.53	/	/	<=50	Pass
	819	Edge_1RB_Left	20.98	/	/	20.98	/	/	<=50	Pass
		Edge_1RB_Right	21.17	/	/	21.17	/	/	<=50	Pass
		Outer_Full	21.08	/	/	21.08	/	/	<=50	Pass
		Inner_Full	22.54	/	/	22.54	/	/	<=50	Pass
		Inner_1RB_Left	22.46	/	/	22.46	/	/	<=50	Pass
		Inner_1RB_Right	22.53	/	/	22.53	/	/	<=50	Pass
	819	Edge_1RB_Left	20.96	/	/	20.96	/	/	<=50	Pass
		Edge_1RB_Right	21.10	/	/	21.10	/	/	<=50	Pass
		Outer_Full	21.11	/	/	21.11	/	/	<=50	Pass
		Inner_Full	22.51	/	/	22.51	/	/	<=50	Pass
		Inner_1RB_Left	22.53	/	/	22.53	/	/	<=50	Pass
		Inner_1RB_Right	22.57	/	/	22.57	/	/	<=50	Pass
CP-OFDM 16 QAM	819	Edge_1RB_Left	20.85	/	/	20.85	/	/	<=50	Pass
		Edge_1RB_Right	20.96	/	/	20.96	/	/	<=50	Pass
		Outer_Full	21.14	/	/	21.14	/	/	<=50	Pass
		Inner_Full	22.08	/	/	22.08	/	/	<=50	Pass
		Inner_1RB_Left	21.92	/	/	21.92	/	/	<=50	Pass

	819	Inner 1RB Right	21.96	/	/	21.96	/	/	<=50	Pass
		Edge 1RB Left	20.83	/	/	20.83	/	/	<=50	Pass
		Edge 1RB Right	20.93	/	/	20.93	/	/	<=50	Pass
		Outer Full	21.06	/	/	21.06	/	/	<=50	Pass
		Inner Full	22.14	/	/	22.14	/	/	<=50	Pass
		Inner 1RB Left	21.88	/	/	21.88	/	/	<=50	Pass
		Inner 1RB Right	22.03	/	/	22.03	/	/	<=50	Pass
	819	Edge 1RB Left	21.06	/	/	21.06	/	/	<=50	Pass
		Edge 1RB Right	21.12	/	/	21.12	/	/	<=50	Pass
		Outer Full	21.08	/	/	21.08	/	/	<=50	Pass
		Inner Full	22.09	/	/	22.09	/	/	<=50	Pass
		Inner 1RB Left	21.93	/	/	21.93	/	/	<=50	Pass
		Inner 1RB Right	22.09	/	/	22.09	/	/	<=50	Pass
	CP-OFDM 64 QAM	819	Edge 1RB Left	20.58	/	/	20.58	/	/	<=50
Edge 1RB Right			20.71	/	/	20.71	/	/	<=50	Pass
Outer Full			20.57	/	/	20.57	/	/	<=50	Pass
Inner Full			20.62	/	/	20.62	/	/	<=50	Pass
Inner 1RB Left			20.63	/	/	20.63	/	/	<=50	Pass
Inner 1RB Right			20.70	/	/	20.70	/	/	<=50	Pass
819		Edge 1RB Left	20.64	/	/	20.64	/	/	<=50	Pass
		Edge 1RB Right	20.71	/	/	20.71	/	/	<=50	Pass
		Outer Full	20.50	/	/	20.50	/	/	<=50	Pass
		Inner Full	20.55	/	/	20.55	/	/	<=50	Pass
		Inner 1RB Left	20.57	/	/	20.57	/	/	<=50	Pass
		Inner 1RB Right	20.71	/	/	20.71	/	/	<=50	Pass
819		Edge 1RB Left	20.62	/	/	20.62	/	/	<=50	Pass
		Edge 1RB Right	20.70	/	/	20.70	/	/	<=50	Pass
		Outer Full	20.55	/	/	20.55	/	/	<=50	Pass
		Inner Full	20.62	/	/	20.62	/	/	<=50	Pass
		Inner 1RB Left	20.60	/	/	20.60	/	/	<=50	Pass
		Inner 1RB Right	20.65	/	/	20.65	/	/	<=50	Pass
CP-OFDM 256 QAM	819	Edge 1RB Left	17.09	/	/	17.09	/	/	<=50	Pass
		Edge 1RB Right	17.24	/	/	17.24	/	/	<=50	Pass
		Outer Full	17.65	/	/	17.65	/	/	<=50	Pass
		Inner Full	17.38	/	/	17.38	/	/	<=50	Pass
		Inner 1RB Left	17.05	/	/	17.05	/	/	<=50	Pass
		Inner 1RB Right	17.20	/	/	17.20	/	/	<=50	Pass
	819	Edge 1RB Left	17.24	/	/	17.24	/	/	<=50	Pass
		Edge 1RB Right	17.19	/	/	17.19	/	/	<=50	Pass
		Outer Full	17.57	/	/	17.57	/	/	<=50	Pass
		Inner Full	17.51	/	/	17.51	/	/	<=50	Pass
		Inner 1RB Left	17.23	/	/	17.23	/	/	<=50	Pass
		Inner 1RB Right	17.24	/	/	17.24	/	/	<=50	Pass
	819	Edge 1RB Left	17.09	/	/	17.09	/	/	<=50	Pass
		Edge 1RB Right	17.15	/	/	17.15	/	/	<=50	Pass
		Outer Full	17.55	/	/	17.55	/	/	<=50	Pass
Inner Full		17.49	/	/	17.49	/	/	<=50	Pass	
Inner 1RB Left		17.27	/	/	17.27	/	/	<=50	Pass	
		Inner 1RB Right	17.18	/	/	17.18	/	/	<=50	Pass
Note1: Antenna Gain: Ant31: -4.73dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n26a SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	20	LV	-7.70	-0.0094	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0096	>=-2.5 & <=2.5	Pass
			10	NV	-6.10	-0.0074	>=-2.5 & <=2.5	Pass
			20	NV	1.80	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0055	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	819	Outer_Full	20	LV	-6.30	-0.0077	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0072	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-6.60	-0.0081	>=-2.5 & <=2.5	Pass
			20	NV	-6.90	-0.0084	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0076	>=-2.5 & <=2.5	Pass
			40	NV	0.60	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	20	LV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0074	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-9.00	-0.0110	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	20	LV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-6.90	-0.0084	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-10.50	-0.0128	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0090	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	-9.50	-0.0116	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0081	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	20	LV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass

			-20	NV	-7.50	-0.0092	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0090	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0090	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	819	Outer_Full	20	LV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			20	NV	-2.20	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	819	Outer_Full	20	LV	-2.30	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0083	>=-2.5 & <=2.5	Pass
			20	NV	-1.00	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			50	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	819	Outer_Full	20	LV	0.90	0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	2.60	0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-0.80	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	1.00	0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	819	Outer_Full	20	LV	-2.20	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0083	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	1.60	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-5.30	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	1.60	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0049	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n26a SCS=15kHz SISO 10MHz							
Modulation	Frequency	RB	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict

	(MHz)	Allocation	(°C)		(Hz)	Result	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	20	LV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-7.20	-0.0088	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	819	Outer_Full	20	LV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0046	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-1.50	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0087	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0051	>=-2.5 & <=2.5	Pass
			50	NV	-1.20	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	20	LV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-5.40	-0.0066	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-10.90	-0.0133	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	20	LV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0078	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0089	>=-2.5 & <=2.5	Pass
			20	NV	-6.10	-0.0074	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0045	>=-2.5 & <=2.5	Pass
			50	NV	-7.70	-0.0094	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	20	LV	-3.50	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-3.60	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-6.30	-0.0077	>=-2.5 & <=2.5	Pass
			40	NV	-8.50	-0.0104	>=-2.5 & <=2.5	Pass
			50	NV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	819	Outer_Full	20	LV	-3.40	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass

			-20	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			-10	NV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0090	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	1.80	0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	819	Outer_Full	20	LV	-3.30	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-0.80	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	-3.10	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-7.30	-0.0089	>=-2.5 & <=2.5	Pass
			30	NV	-9.00	-0.0110	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	819	Outer_Full	20	LV	4.40	0.0054	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0084	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0068	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0055	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	819	Outer_Full	20	LV	-3.80	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0050	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			0	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0057	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

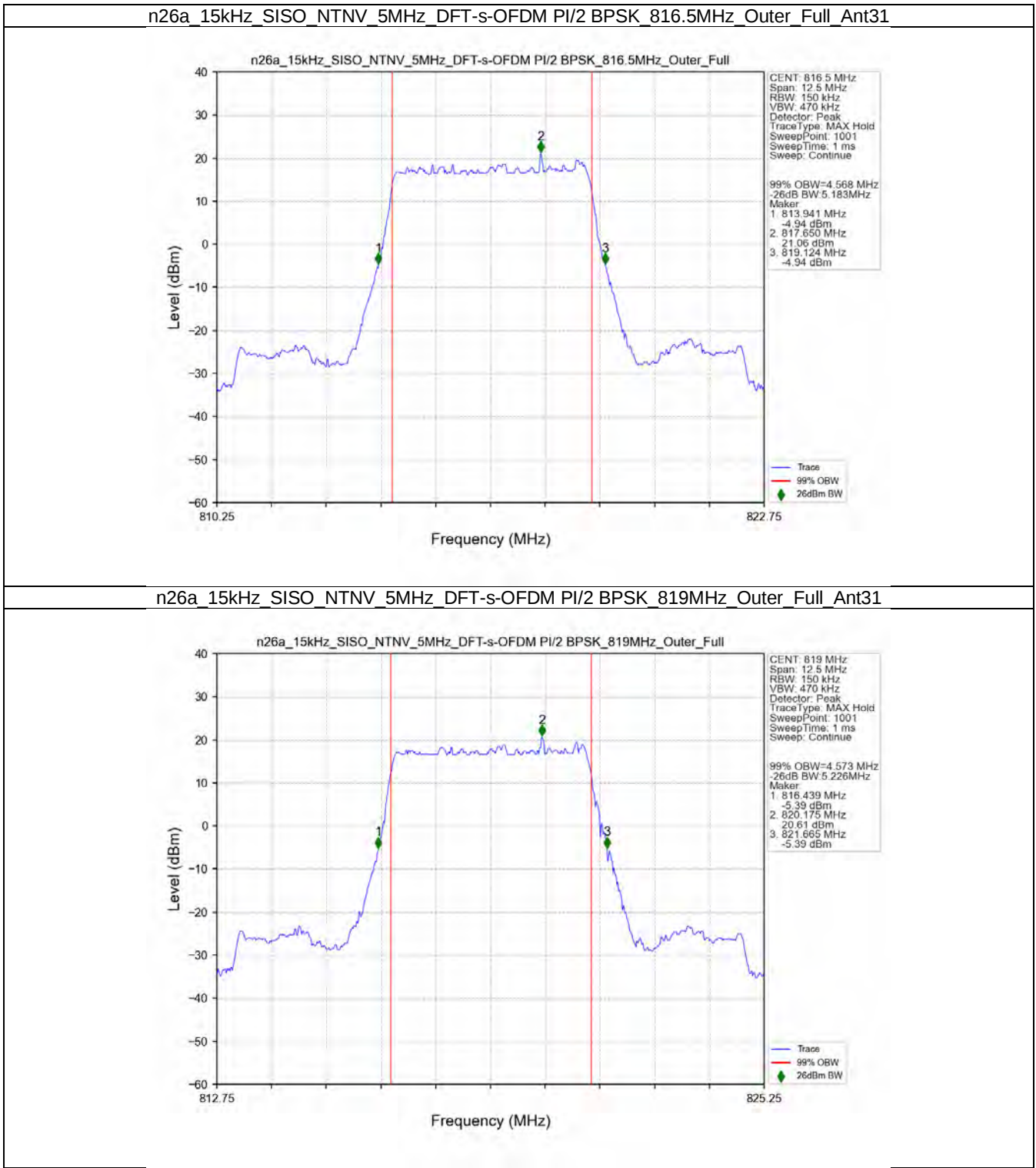
5G NR n26a SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	816.5	Outer_Full	4.57	5.18	/	Pass
	819	Outer_Full	4.57	5.23	/	Pass
	821.5	Outer_Full	4.58	5.31	/	Pass
DFT-s-OFDM QPSK	816.5	Outer_Full	4.59	5.36	/	Pass
	819	Outer_Full	4.56	5.39	/	Pass
	821.5	Outer_Full	4.57	5.33	/	Pass
DFT-s-OFDM 16 QAM	816.5	Outer_Full	4.59	5.41	/	Pass
	819	Outer_Full	4.57	5.41	/	Pass
	821.5	Outer_Full	4.62	5.42	/	Pass
DFT-s-OFDM 64 QAM	816.5	Outer_Full	4.59	5.41	/	Pass
	819	Outer_Full	4.54	5.22	/	Pass
	821.5	Outer_Full	4.57	5.26	/	Pass
DFT-s-OFDM 256 QAM	816.5	Outer_Full	4.57	5.37	/	Pass
	819	Outer_Full	4.63	5.43	/	Pass
	821.5	Outer_Full	4.57	5.38	/	Pass
CP-OFDM QPSK	816.5	Outer_Full	4.54	5.31	/	Pass
	819	Outer_Full	4.56	5.43	/	Pass
	821.5	Outer_Full	4.54	5.37	/	Pass
CP-OFDM 16 QAM	816.5	Outer_Full	4.59	5.36	/	Pass
	819	Outer_Full	4.59	5.46	/	Pass
	821.5	Outer_Full	4.57	5.38	/	Pass
CP-OFDM 64 QAM	816.5	Outer_Full	4.52	5.22	/	Pass
	819	Outer_Full	4.52	5.27	/	Pass
	821.5	Outer_Full	4.54	5.29	/	Pass
CP-OFDM 256 QAM	816.5	Outer_Full	4.59	5.39	/	Pass
	819	Outer_Full	4.55	5.28	/	Pass
	821.5	Outer_Full	4.56	5.39	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

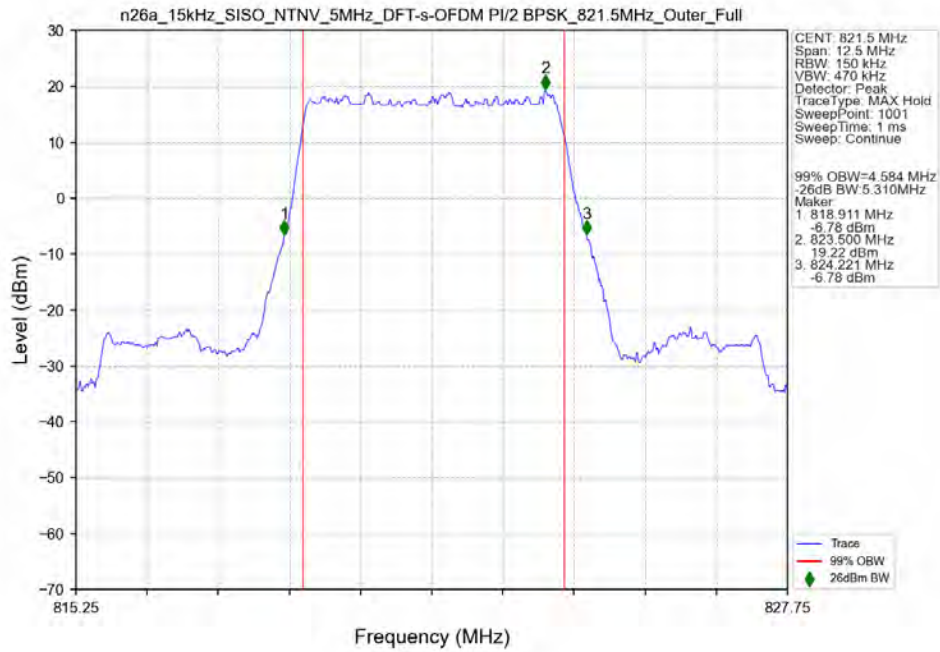
5G NR n26a SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	9.03	9.95	/	Pass
	819	Outer_Full	9.03	9.97	/	Pass
	819	Outer_Full	9.03	9.95	/	Pass
DFT-s-OFDM QPSK	819	Outer_Full	9.05	10.07	/	Pass
	819	Outer_Full	9.05	10.10	/	Pass
	819	Outer_Full	9.05	10.02	/	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	9.07	10.09	/	Pass
	819	Outer_Full	9.04	10.04	/	Pass
	819	Outer_Full	9.06	10.05	/	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	9.06	10.08	/	Pass
	819	Outer_Full	9.07	10.07	/	Pass
	819	Outer_Full	9.05	10.05	/	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	9.05	9.96	/	Pass
	819	Outer_Full	9.05	9.91	/	Pass
	819	Outer_Full	9.05	9.96	/	Pass
CP-OFDM QPSK	819	Outer_Full	9.38	10.39	/	Pass
	819	Outer_Full	9.37	10.40	/	Pass
	819	Outer_Full	9.38	10.38	/	Pass
CP-OFDM 16 QAM	819	Outer_Full	9.40	10.32	/	Pass
	819	Outer_Full	9.39	10.34	/	Pass
	819	Outer_Full	9.39	10.37	/	Pass
CP-OFDM 64 QAM	819	Outer_Full	9.32	10.17	/	Pass
	819	Outer_Full	9.32	10.20	/	Pass
	819	Outer_Full	9.33	10.23	/	Pass
CP-OFDM 256 QAM	819	Outer_Full	9.37	10.28	/	Pass
	819	Outer_Full	9.38	10.32	/	Pass
	819	Outer_Full	9.37	10.36	/	Pass

3.2 Test Graph

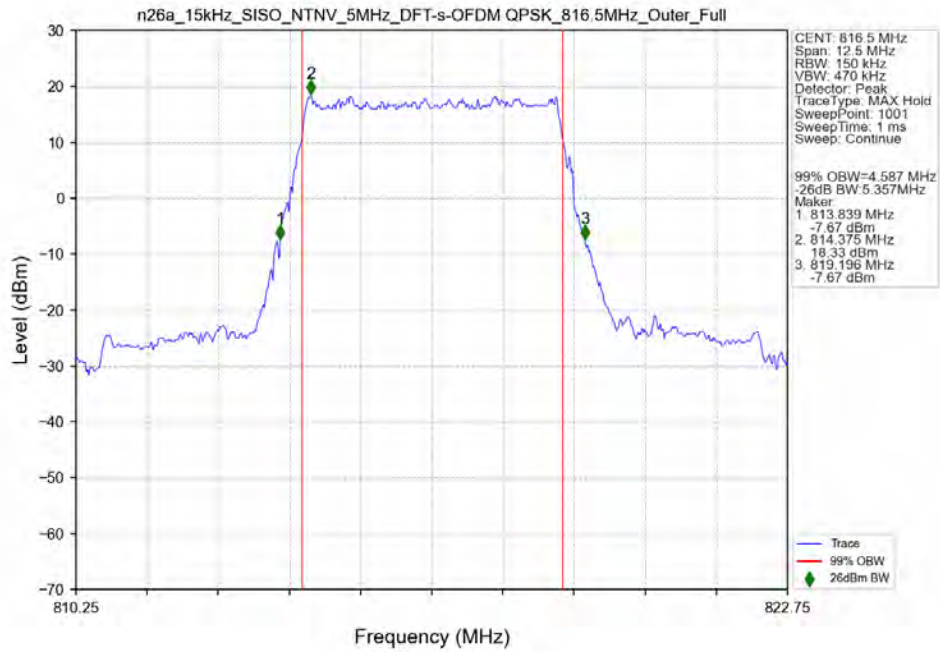
3.2.1 15k_SISO_5MHz_NTNV



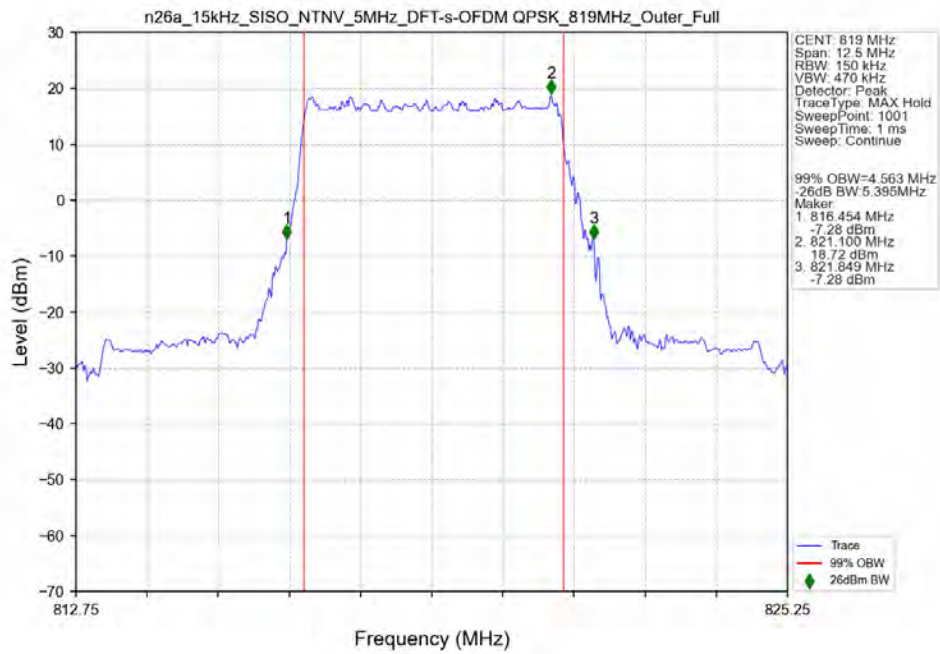
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Outer_Full_Ant31



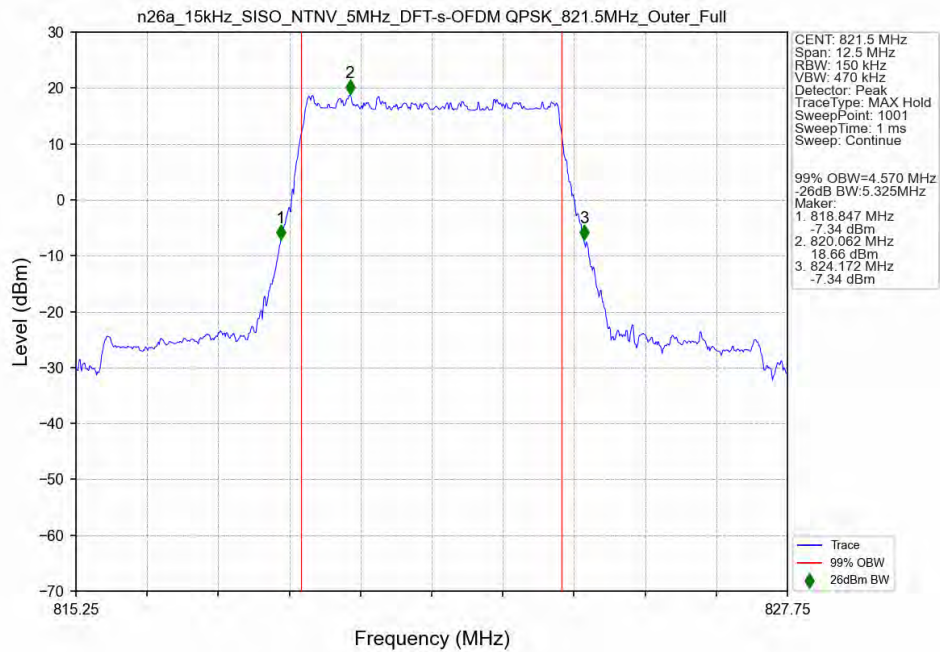
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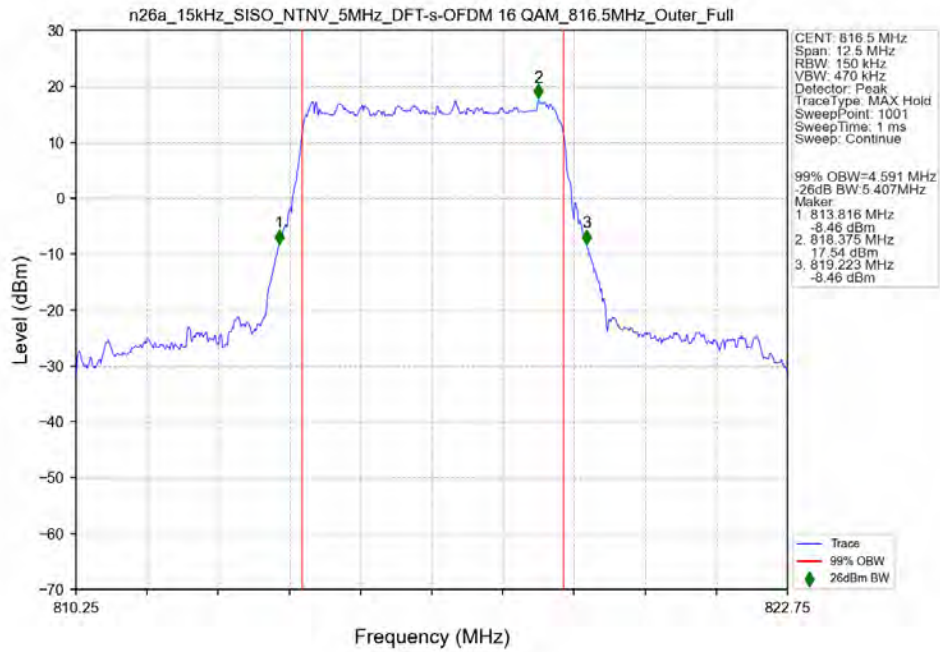
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_819MHz_Outer_Full_Ant31



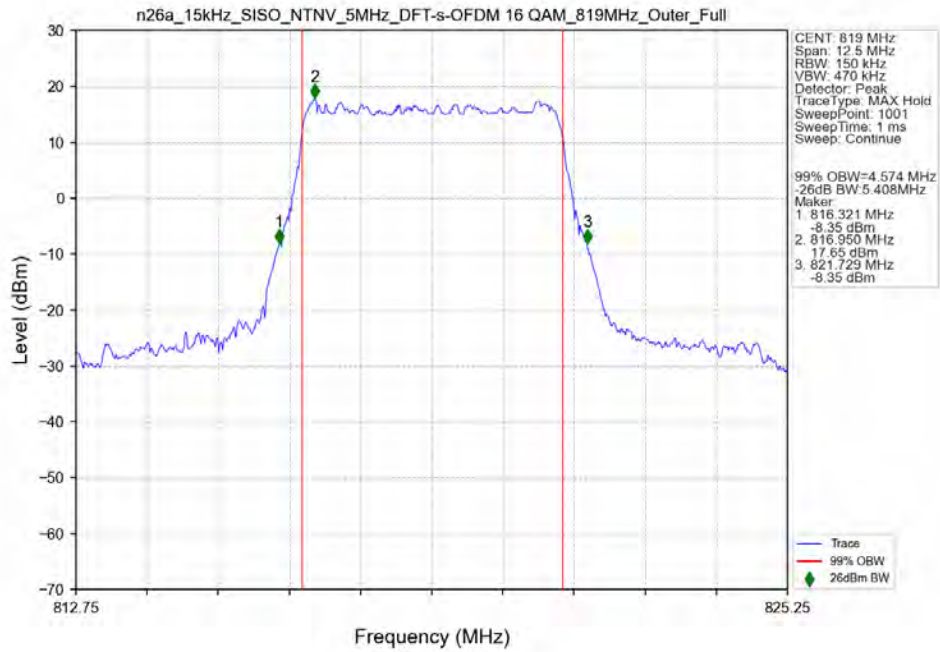
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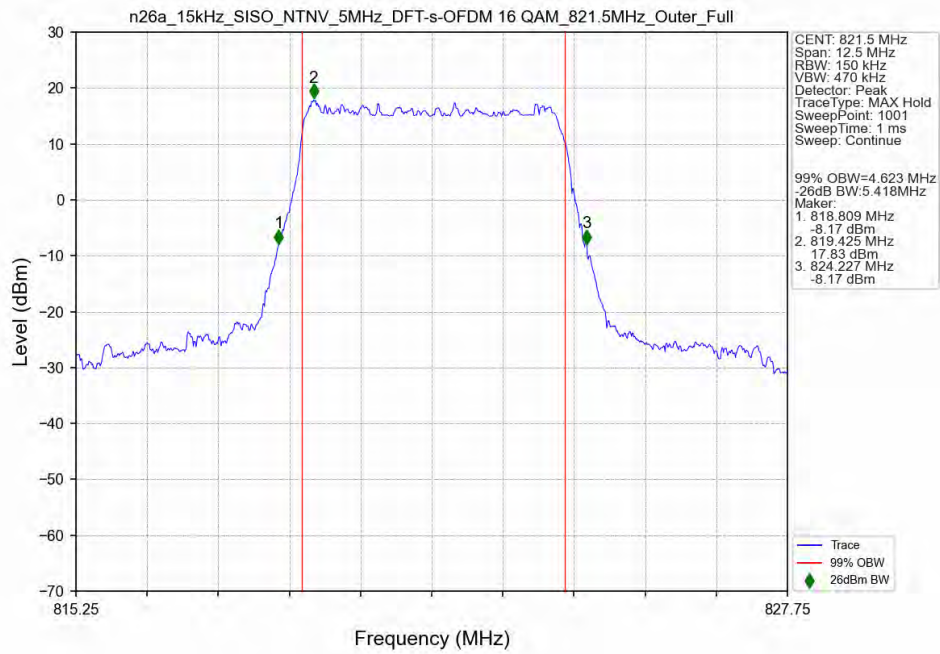
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_816.5MHz_Outer_Full_Ant31



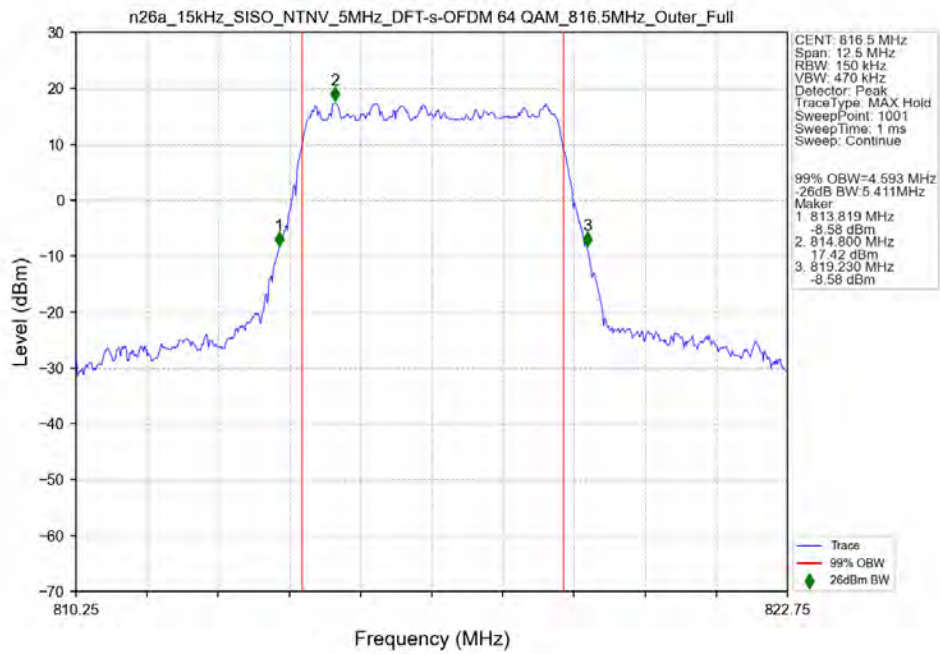
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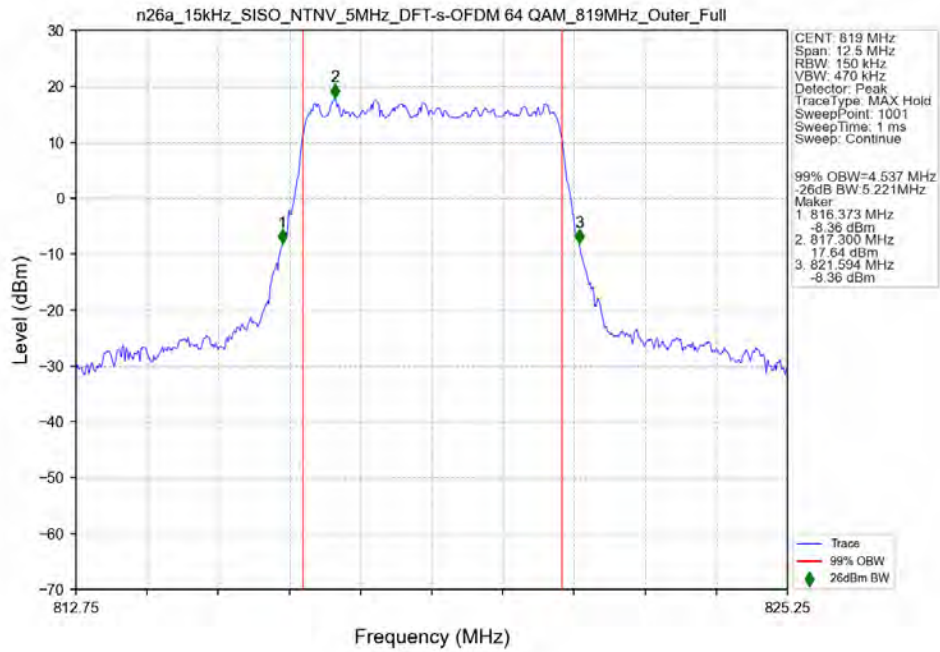
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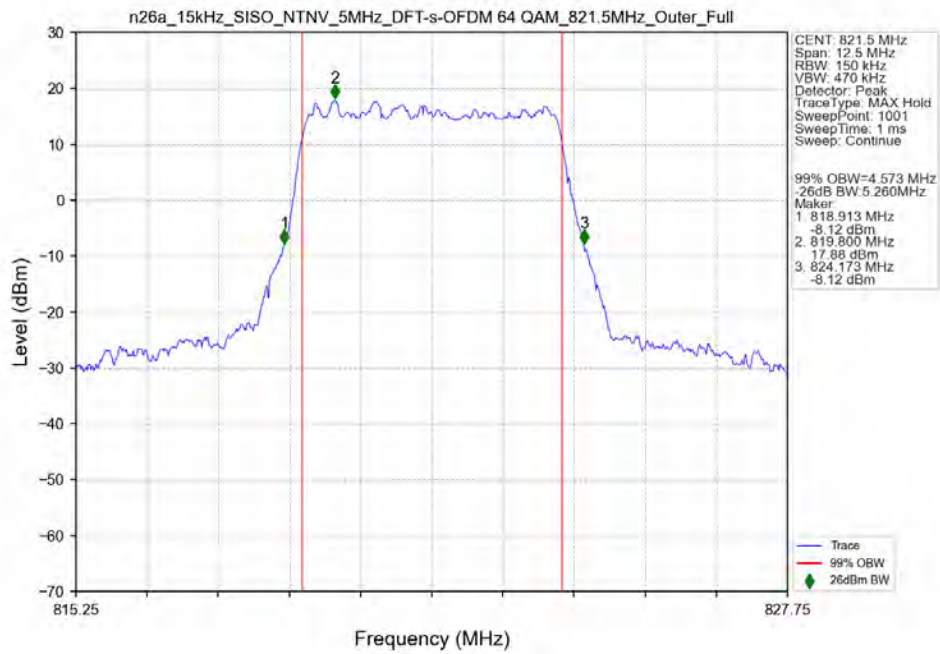
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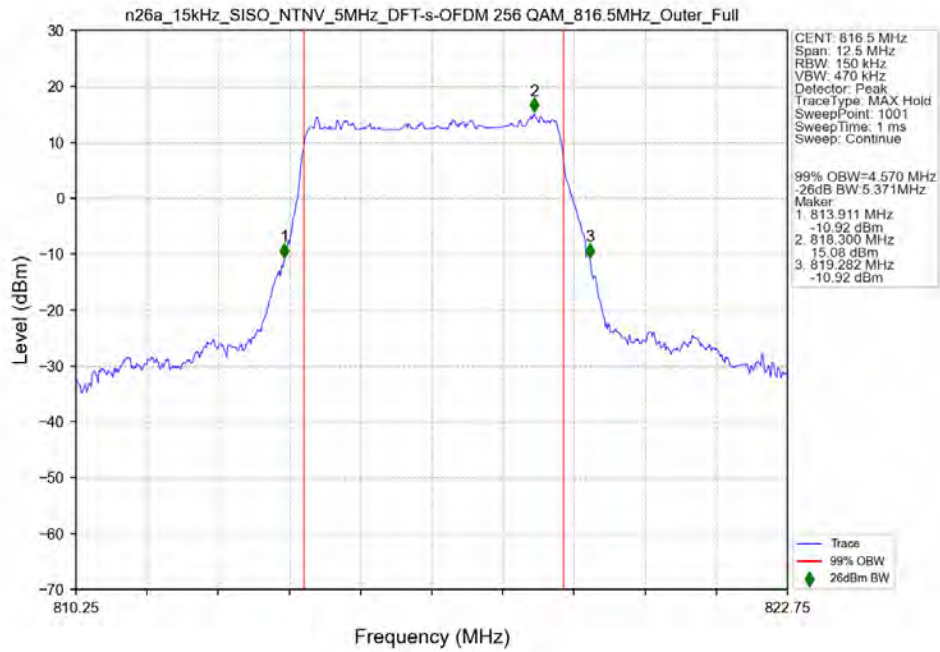
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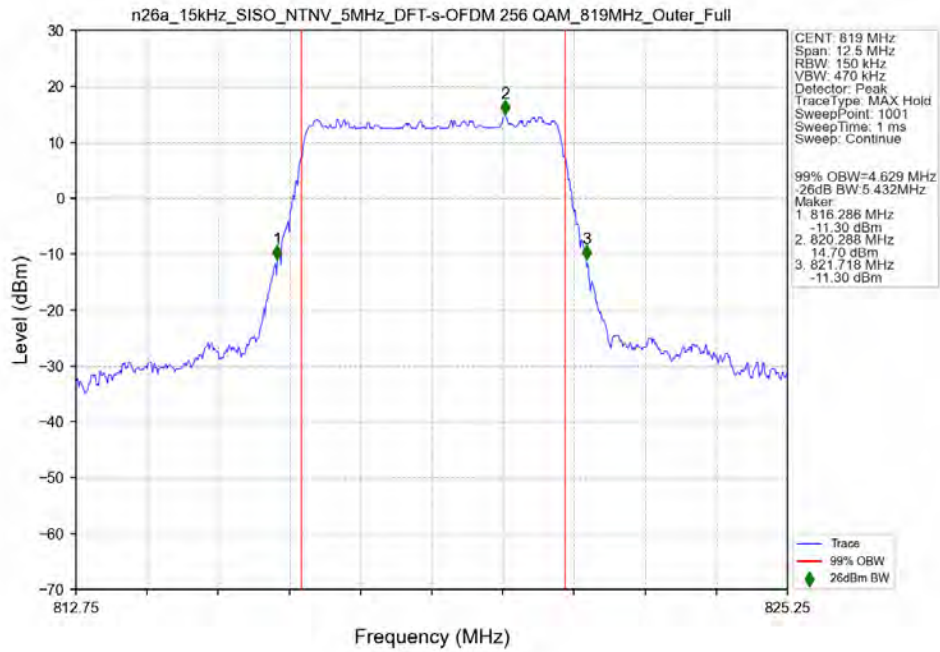
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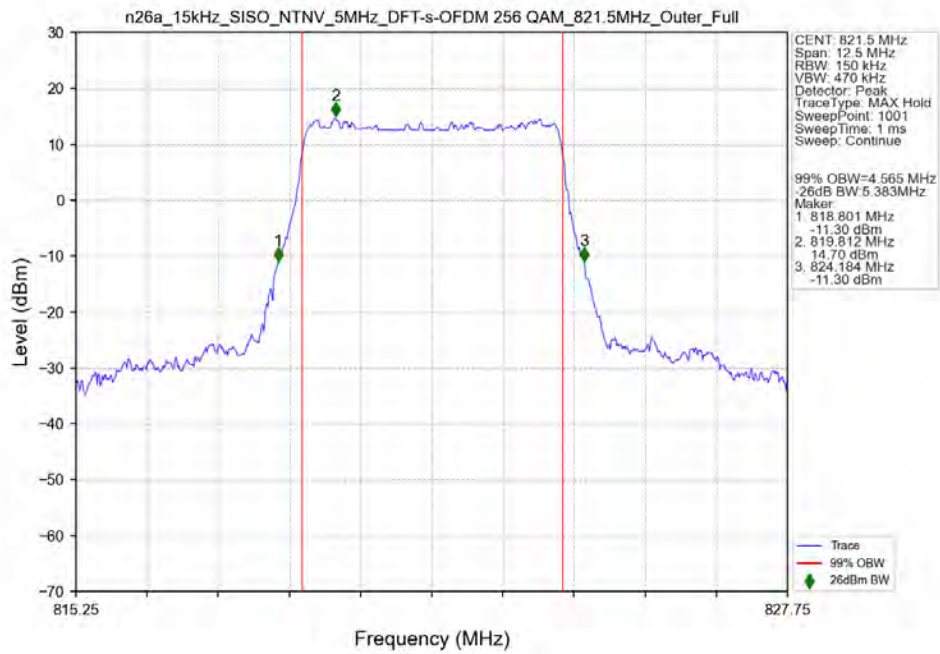
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_816.5MHz_Outer_Full_Ant31



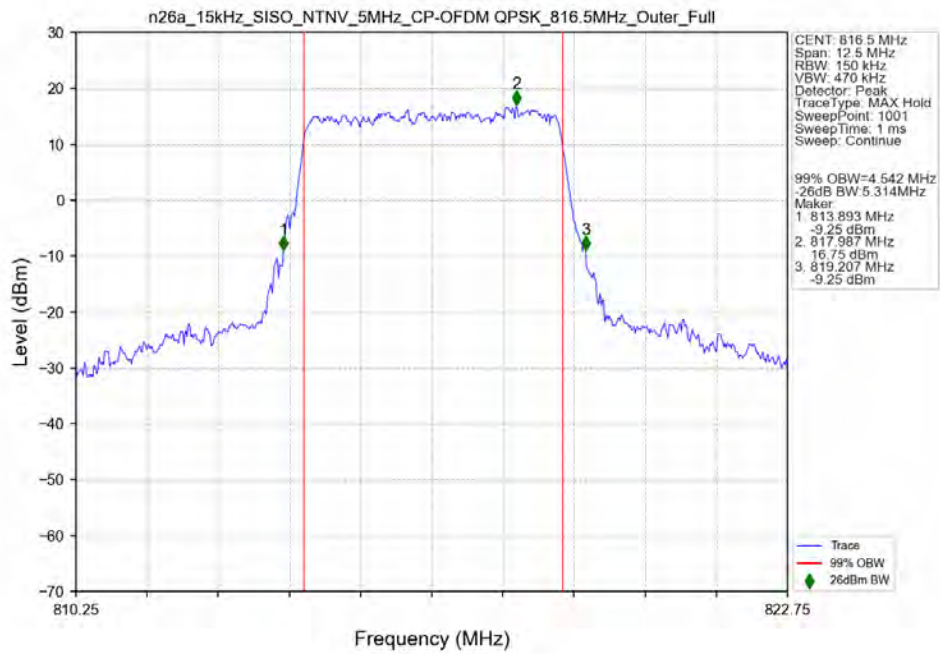
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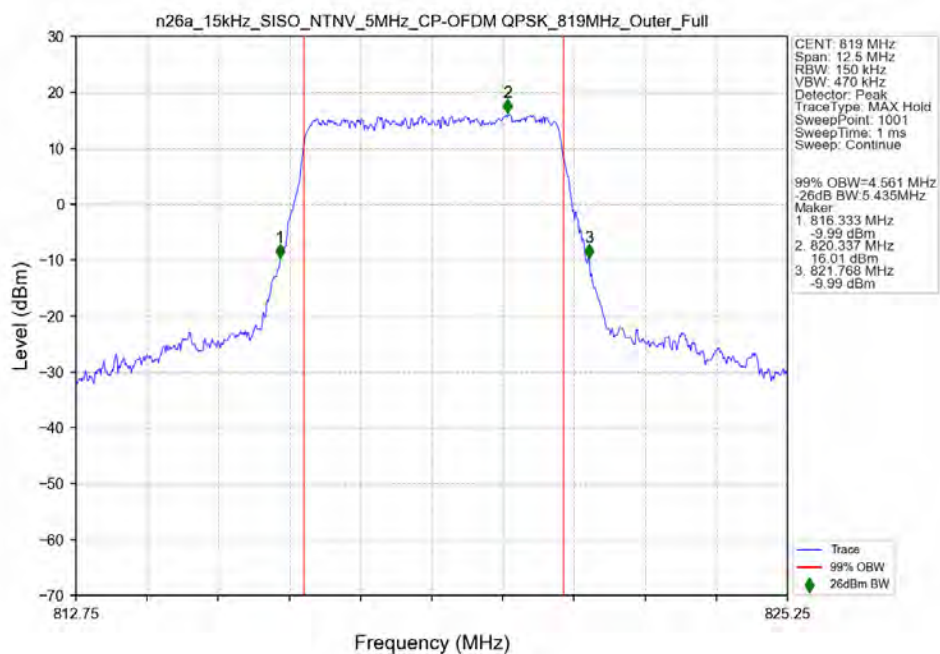
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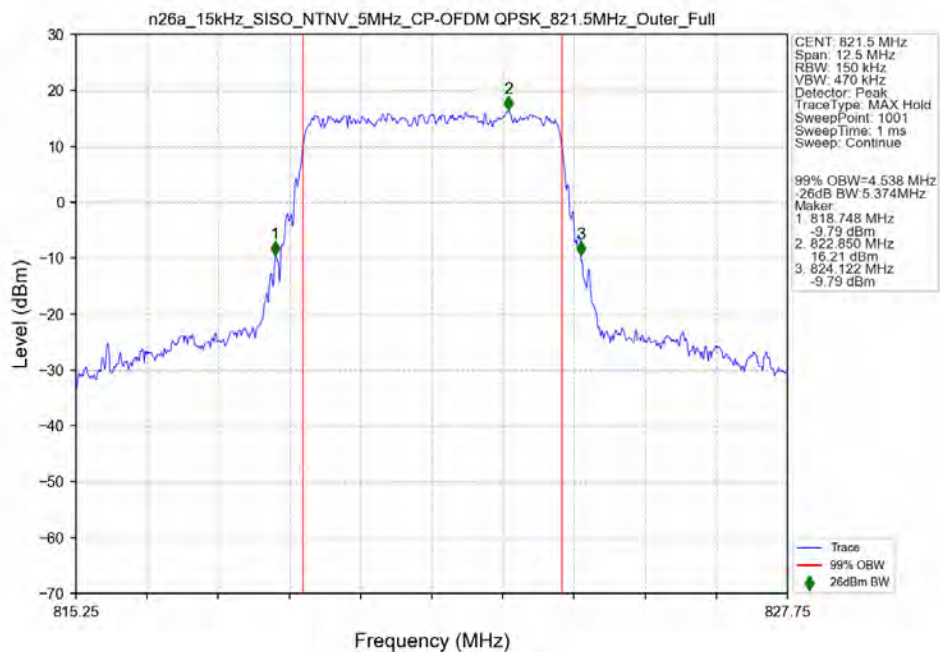
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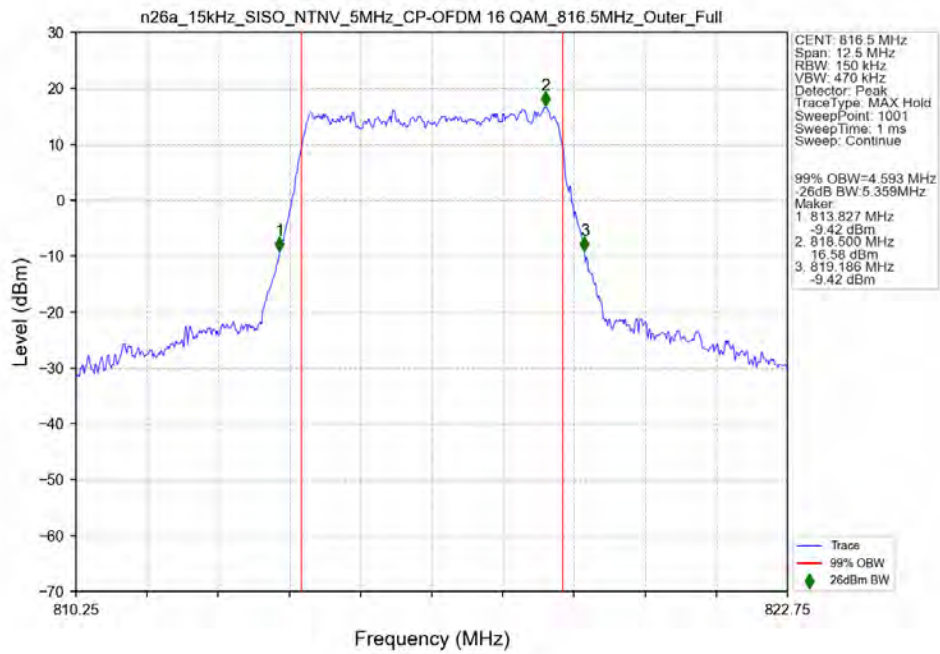
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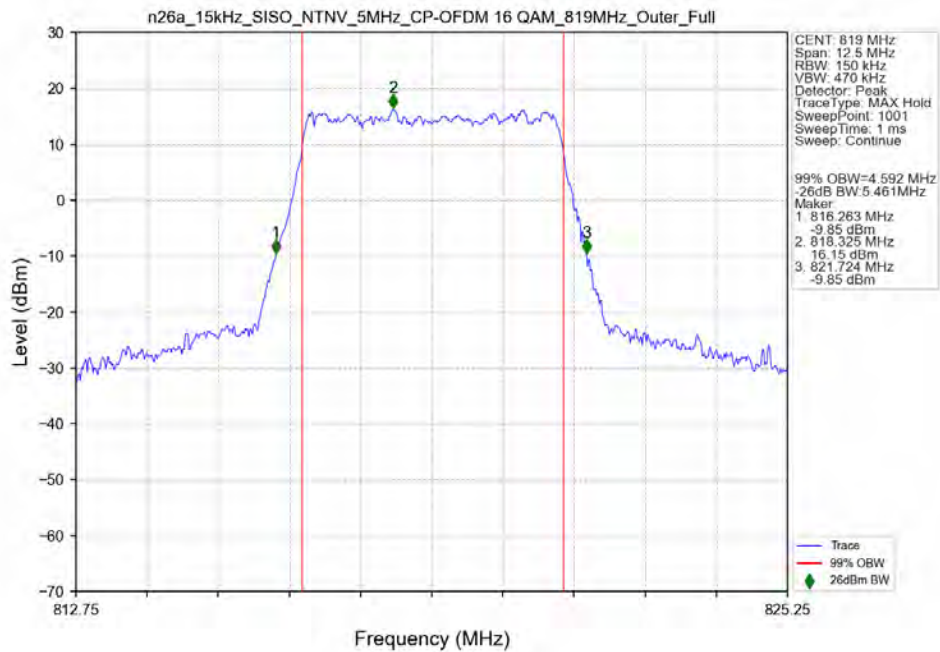
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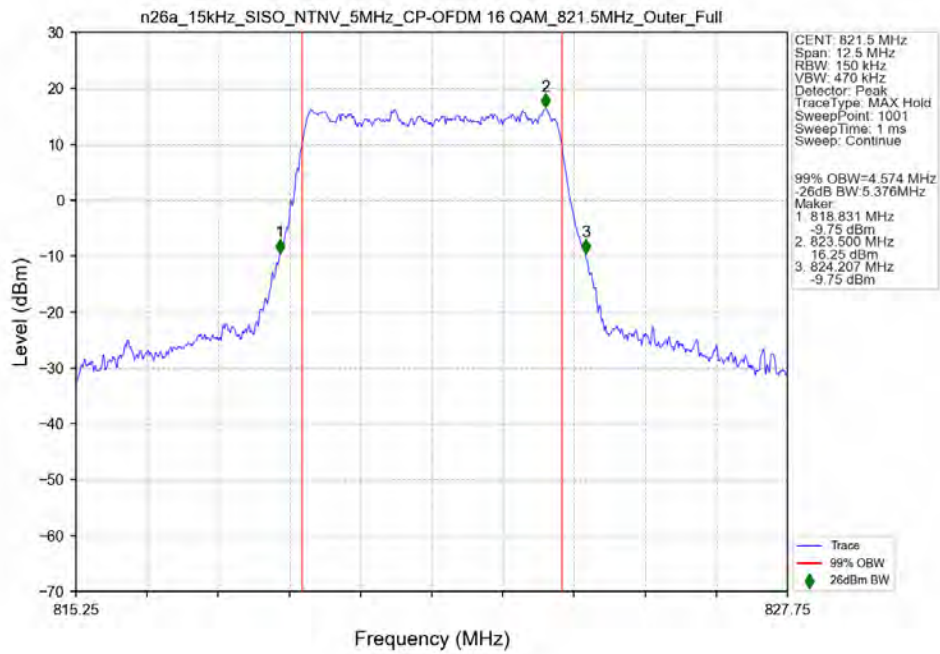
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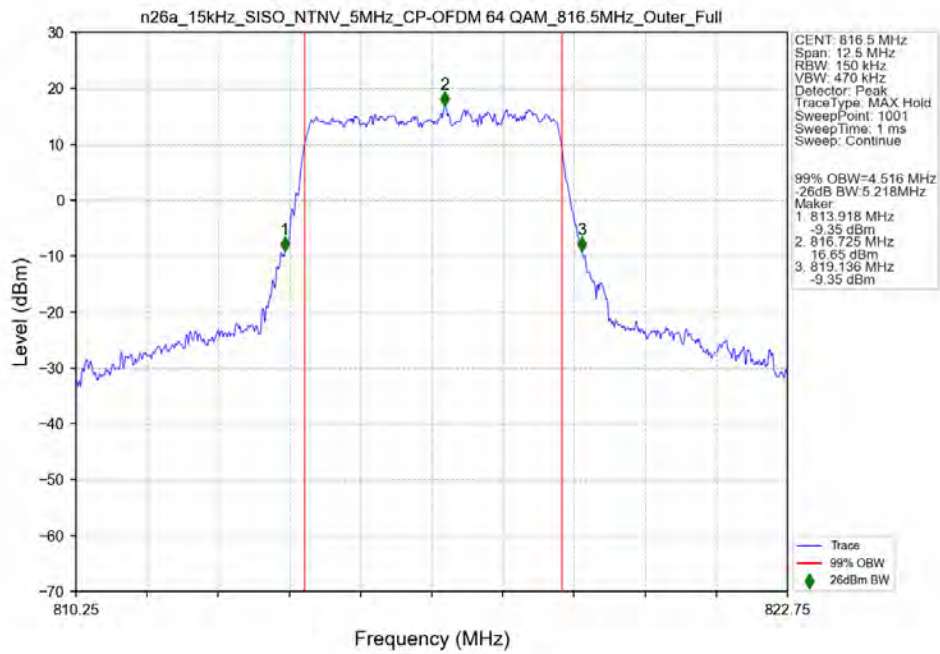
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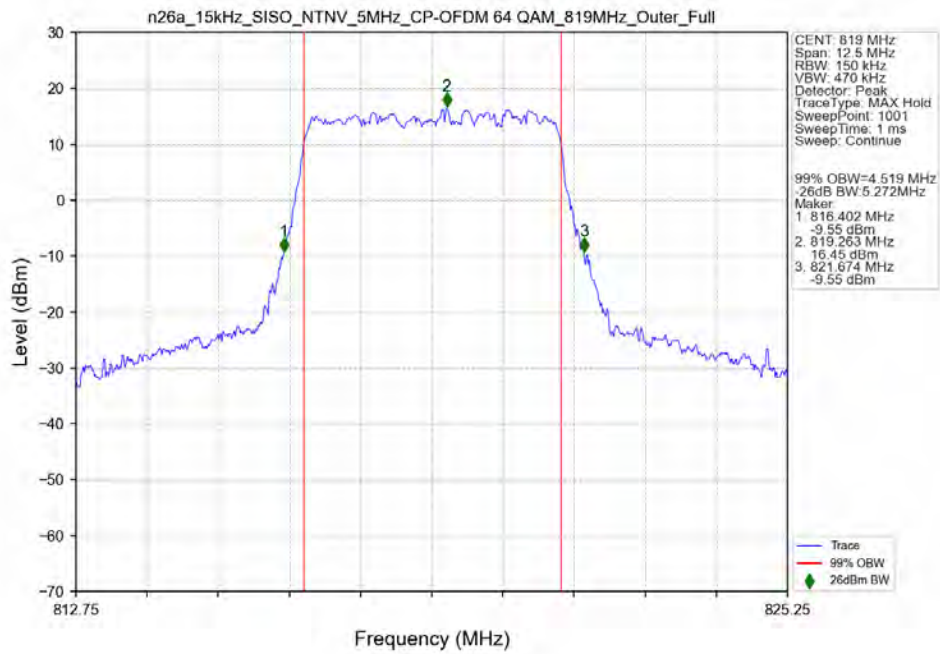
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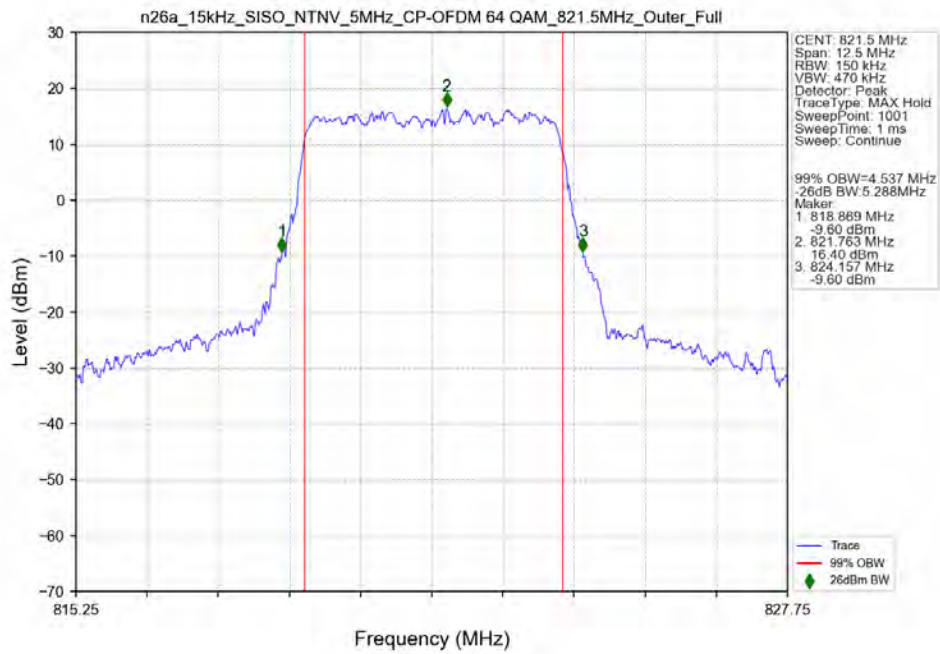
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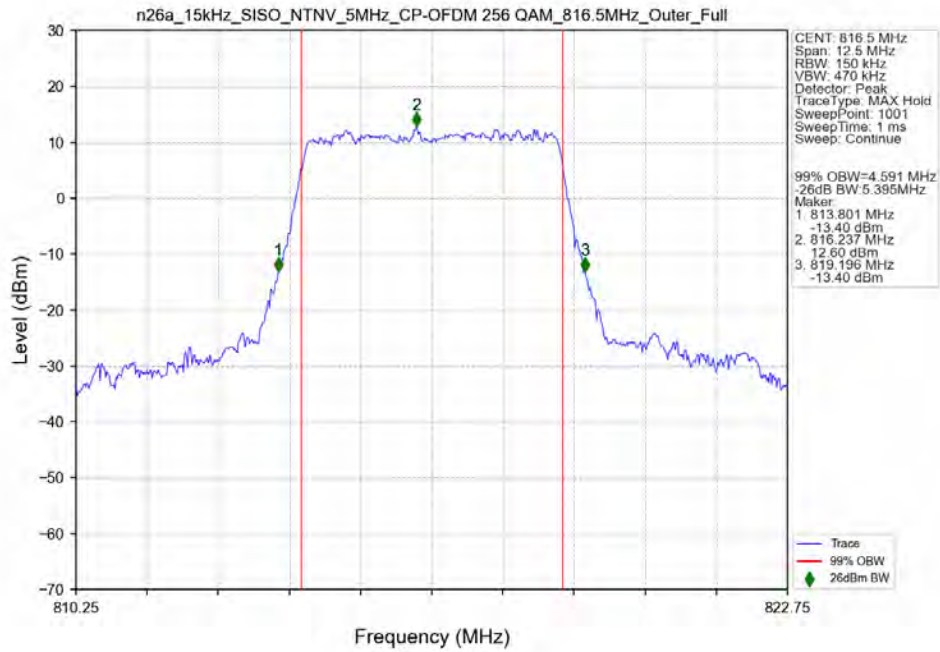
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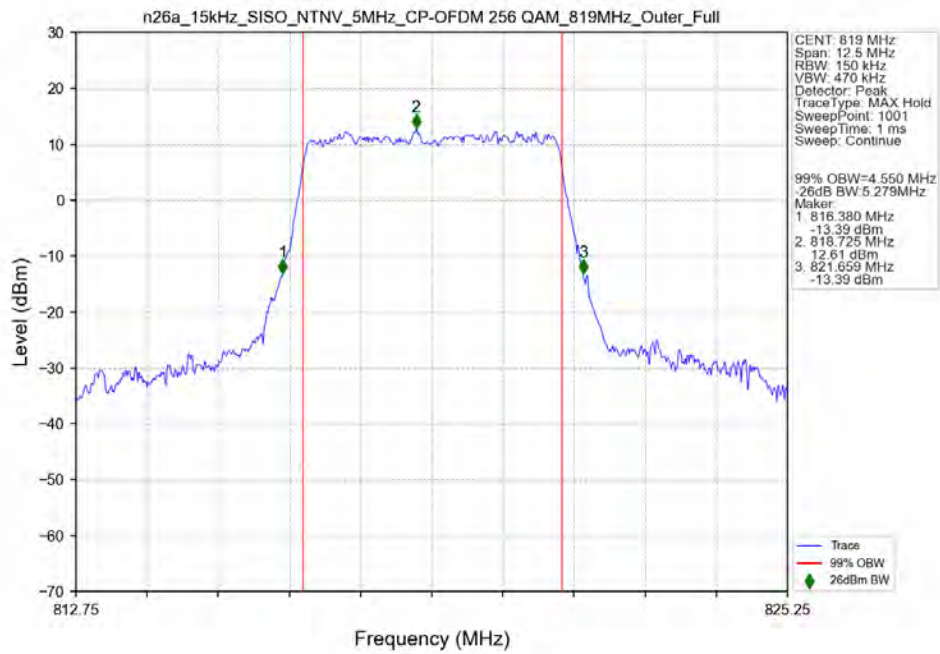
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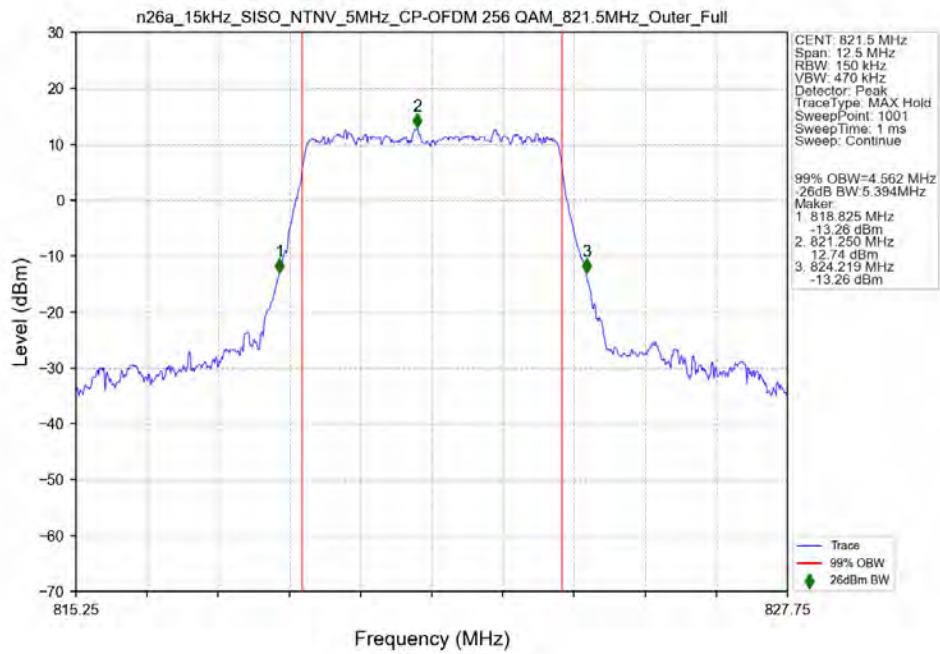
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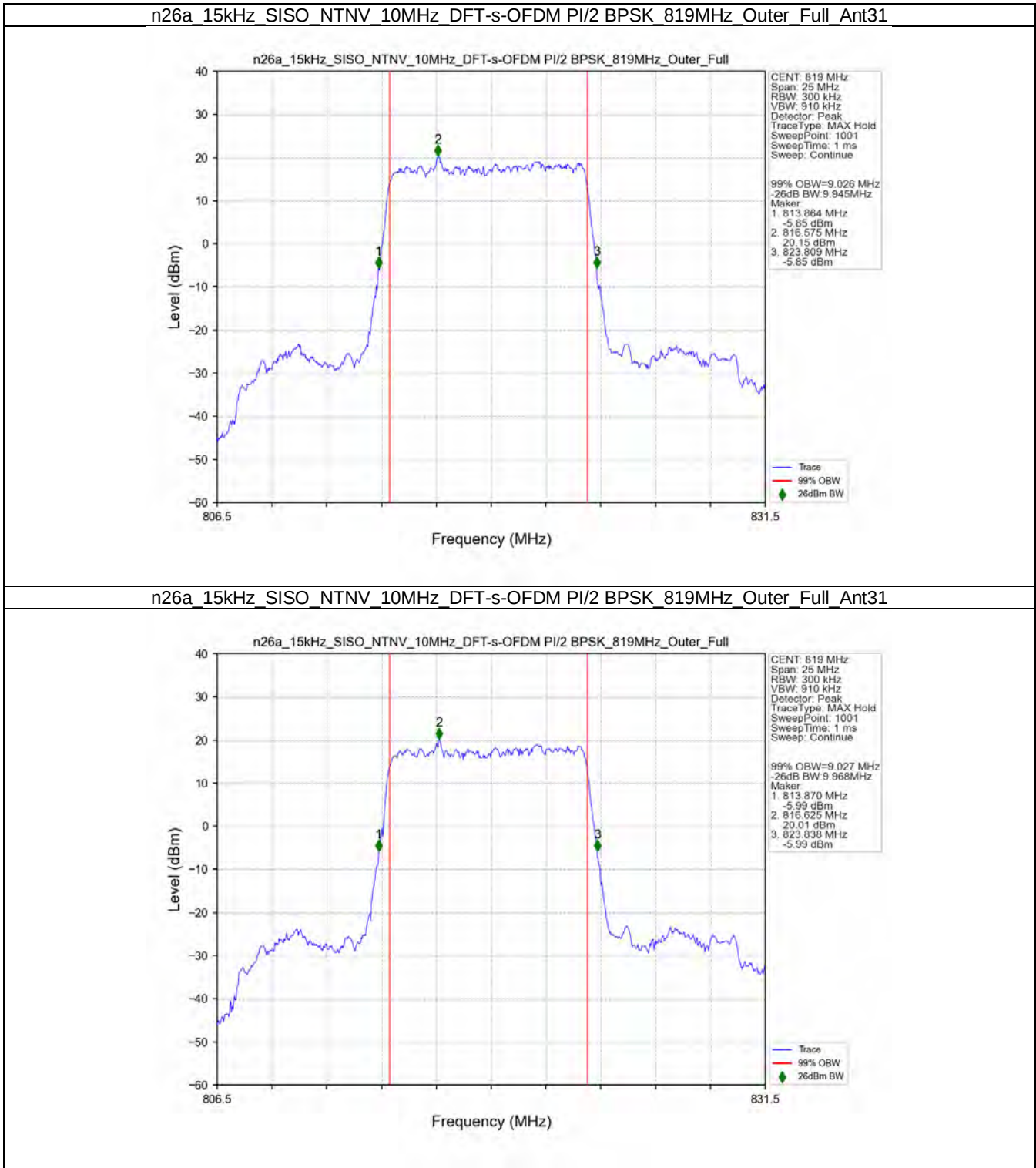
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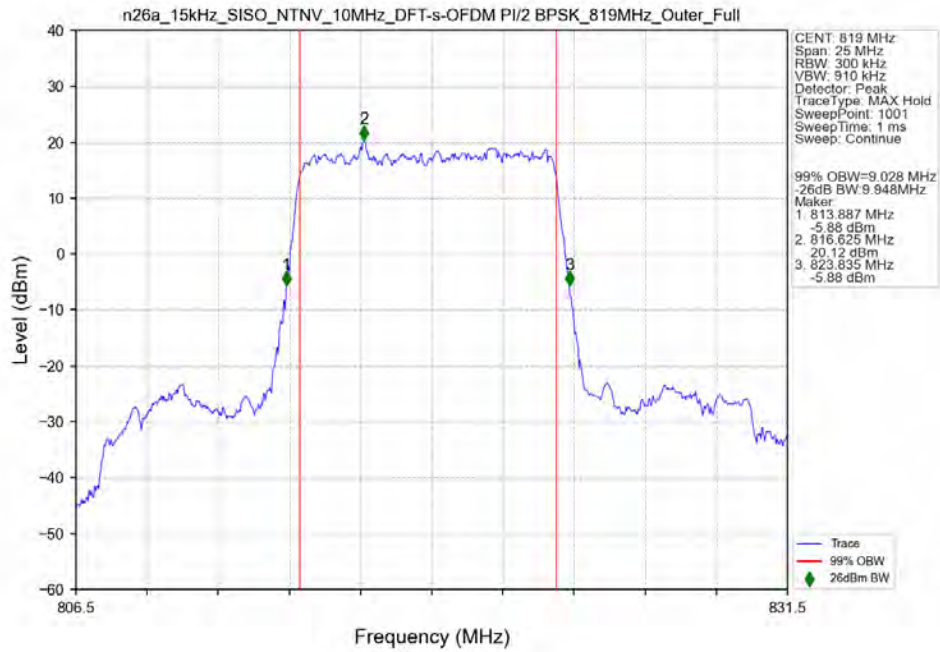
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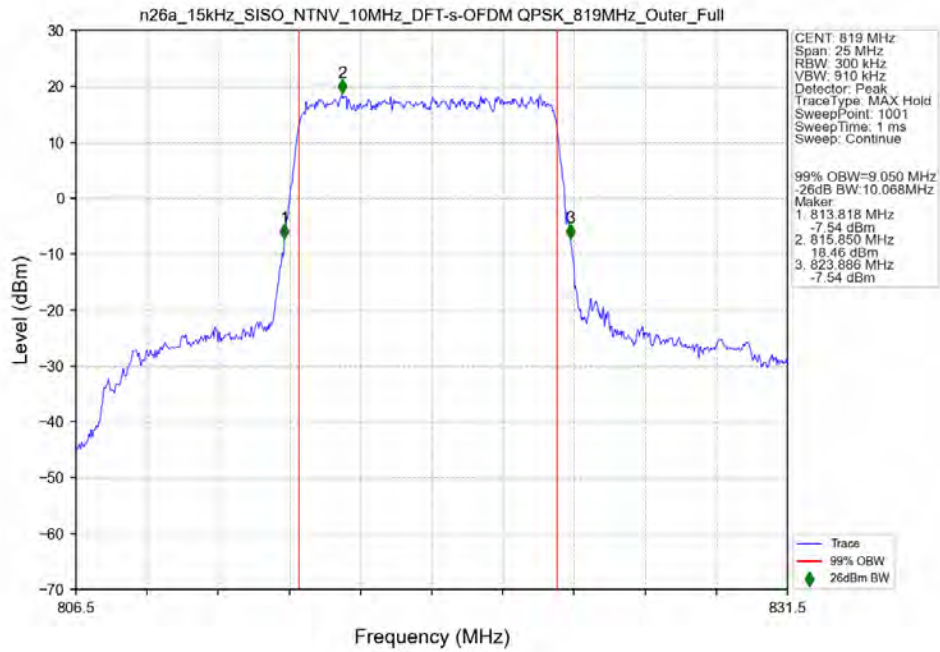
3.2.2 15k_SISO_10MHz_NTNV



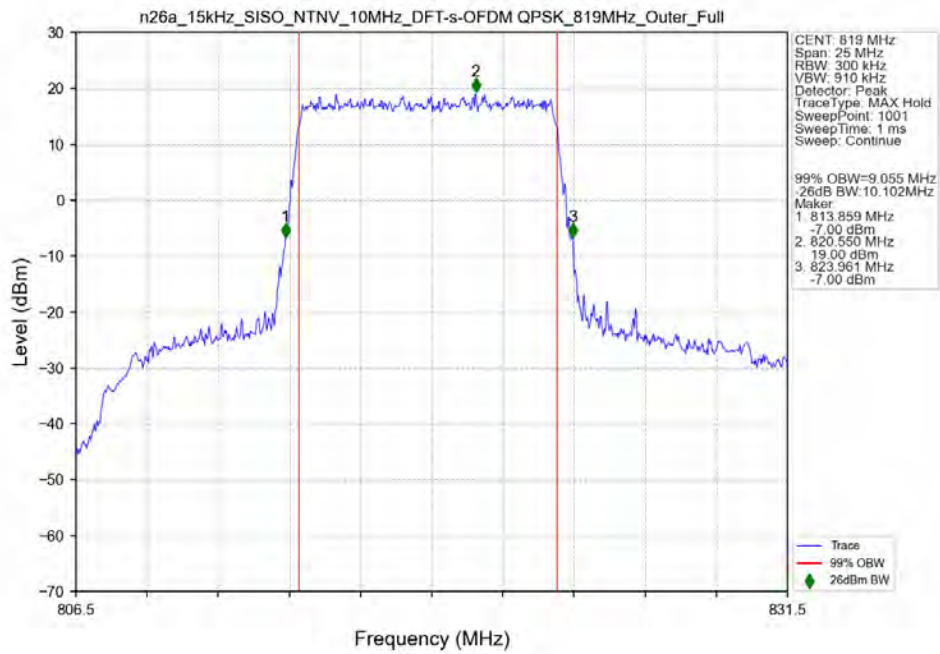
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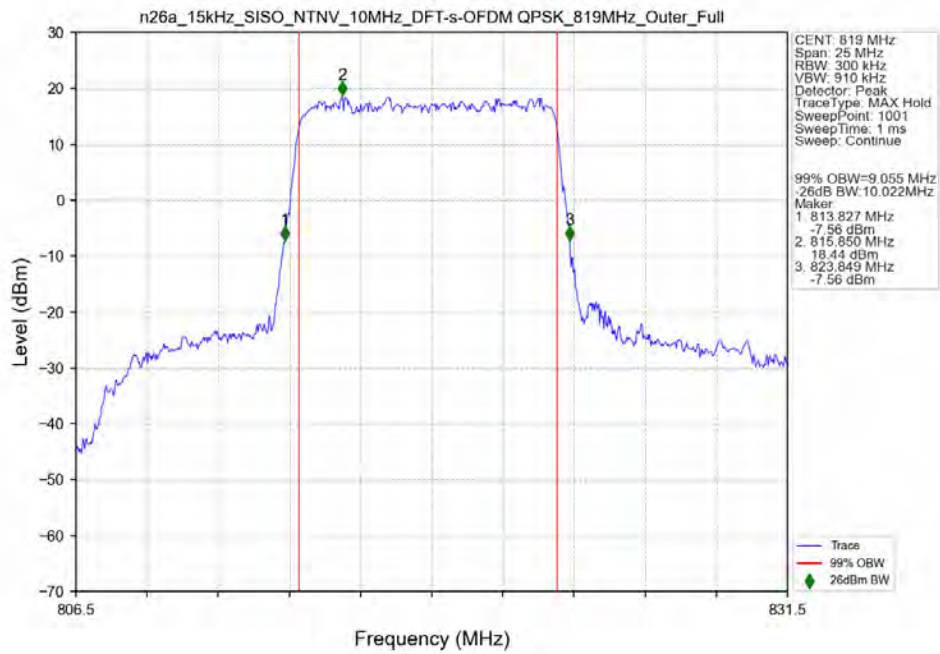
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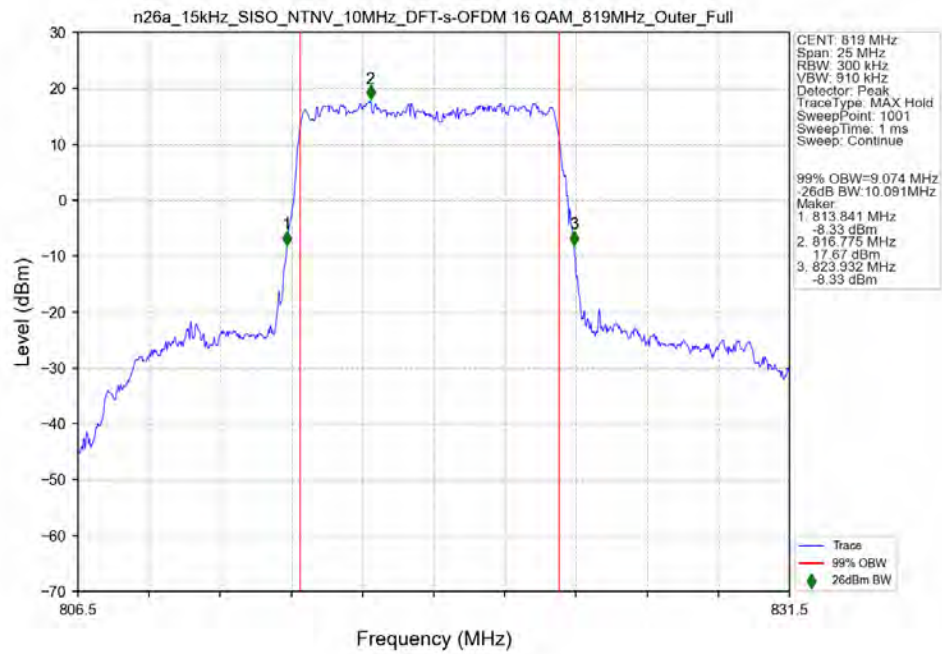
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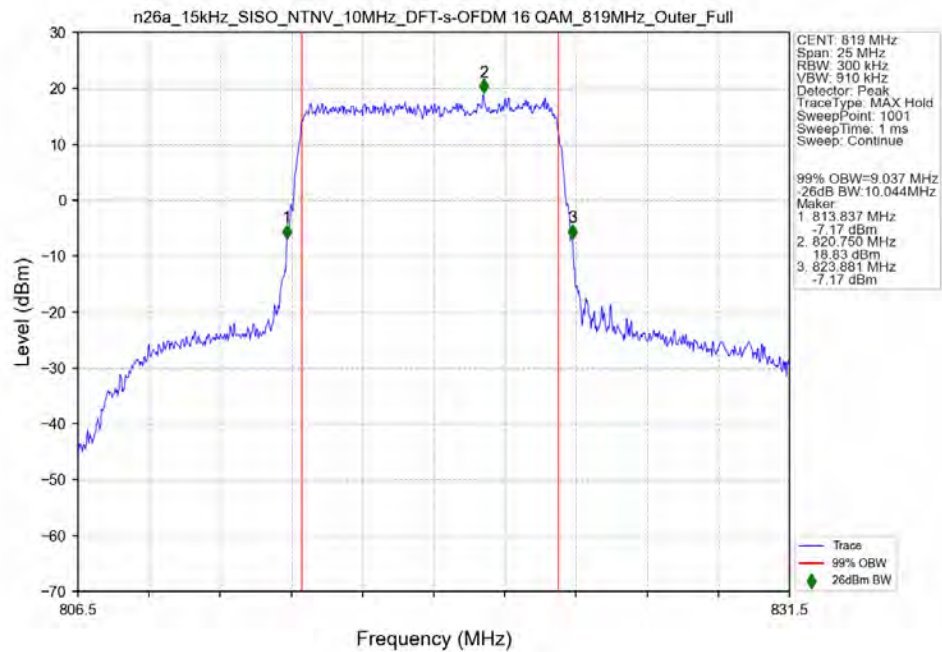
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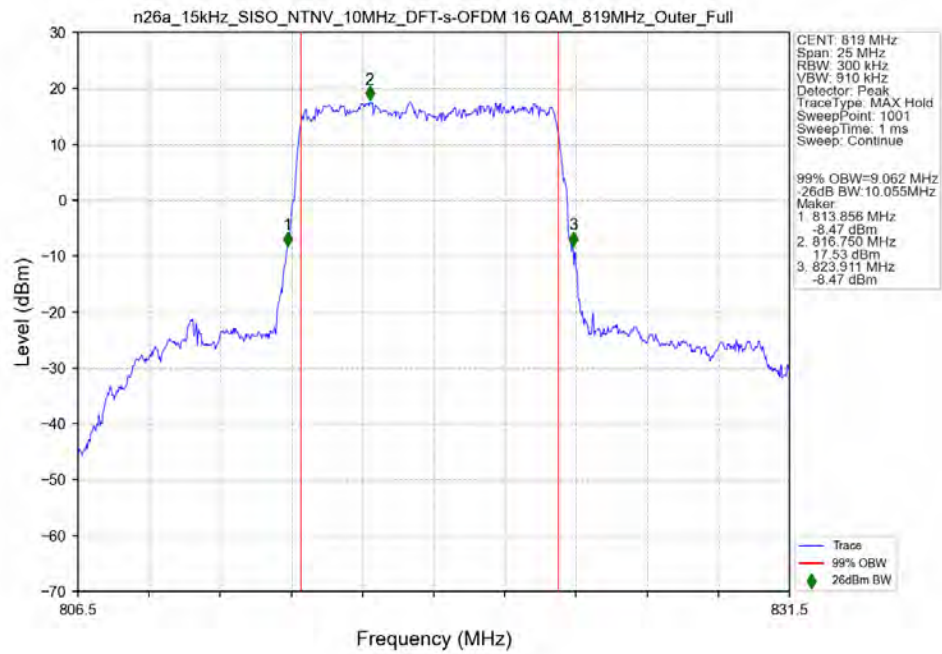
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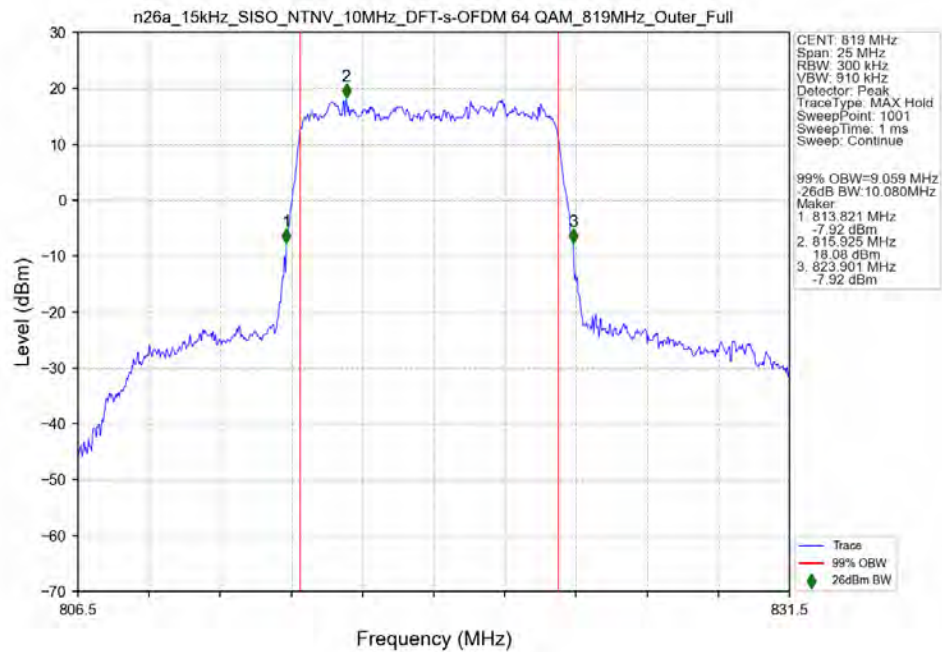
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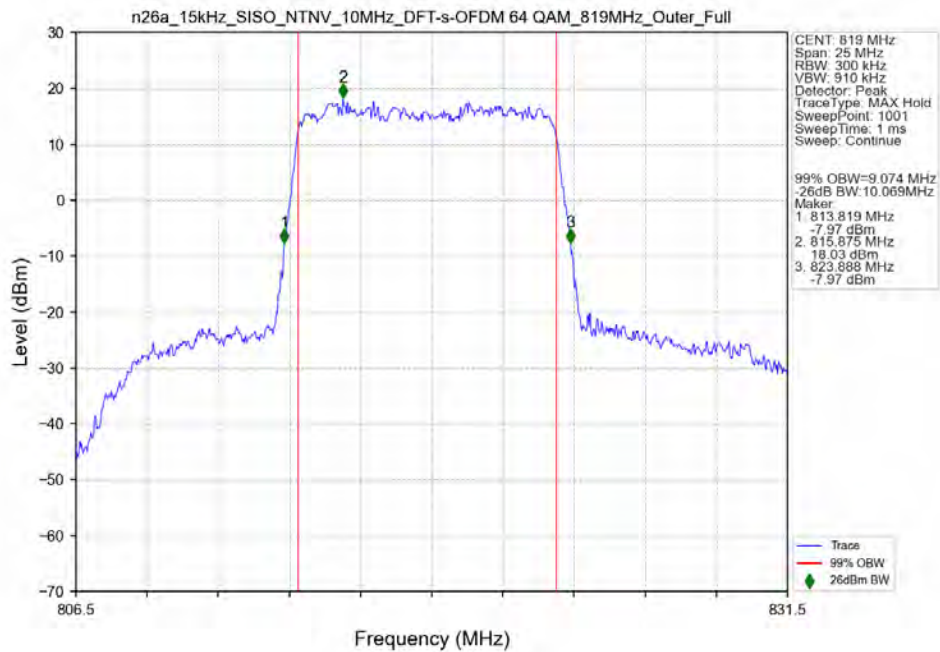
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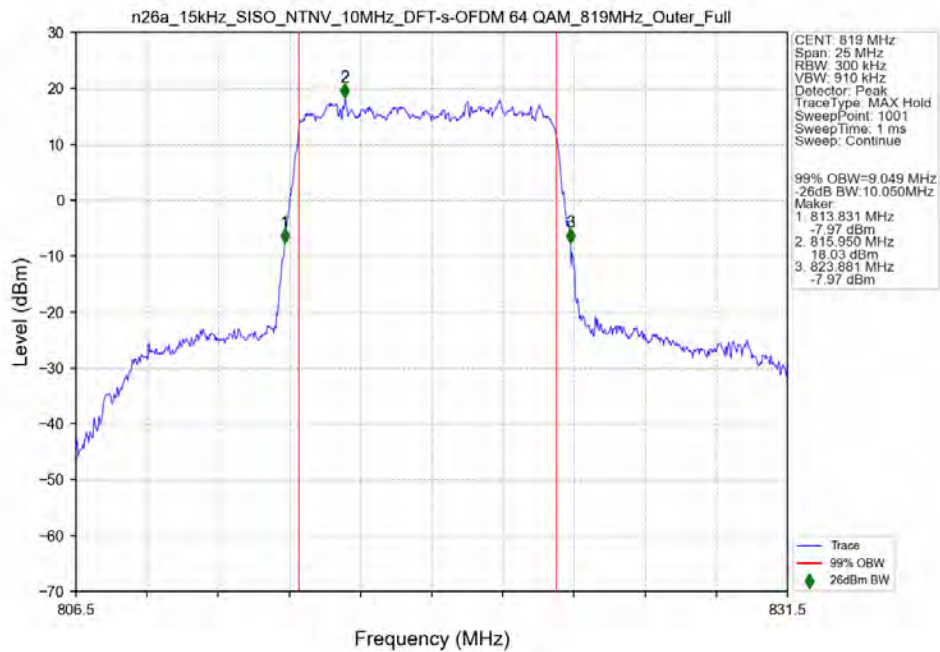
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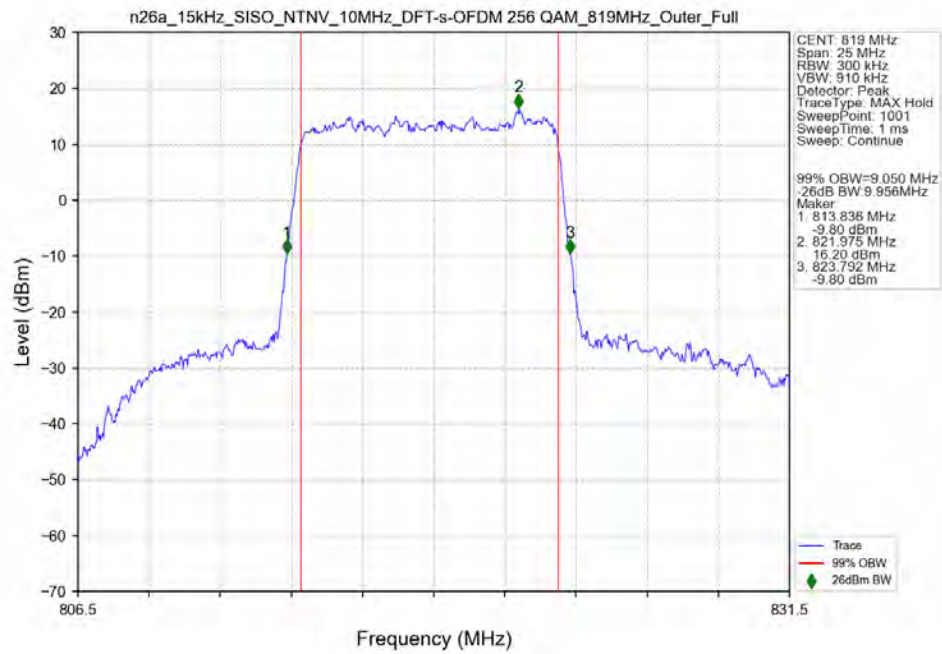
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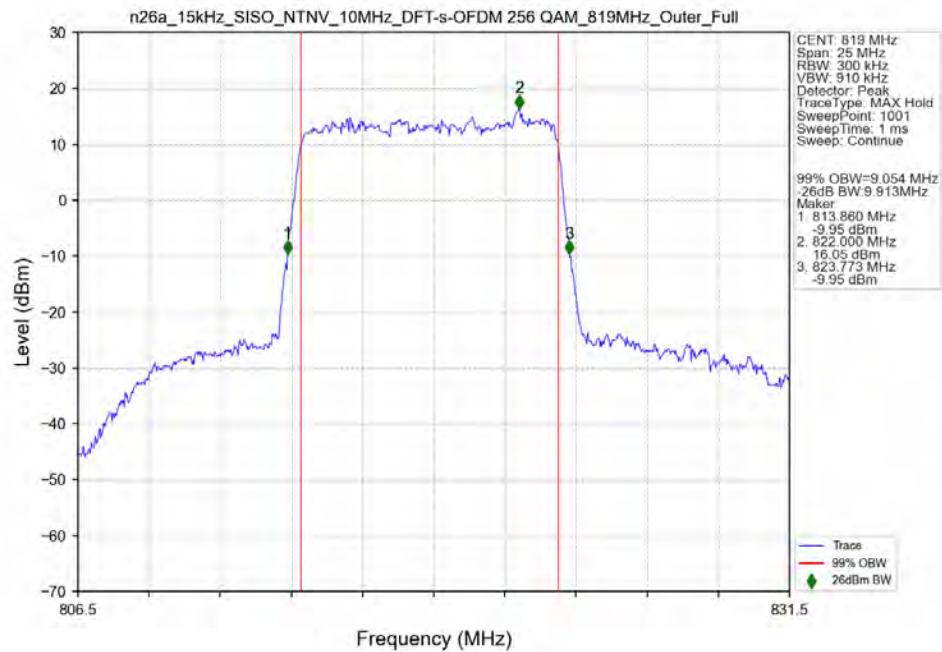
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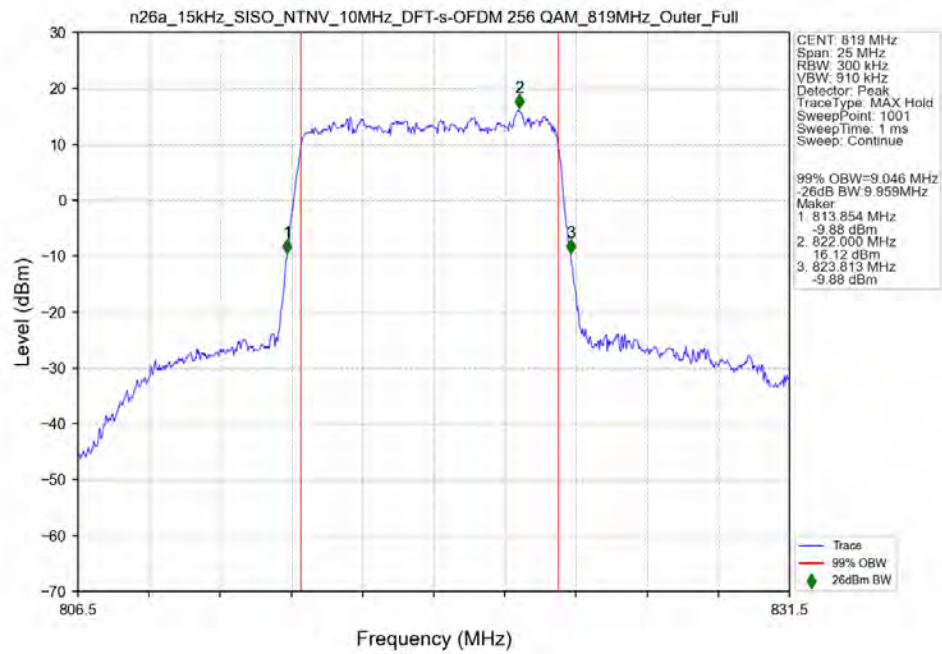
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_819MHz_Outer_Full_Ant31



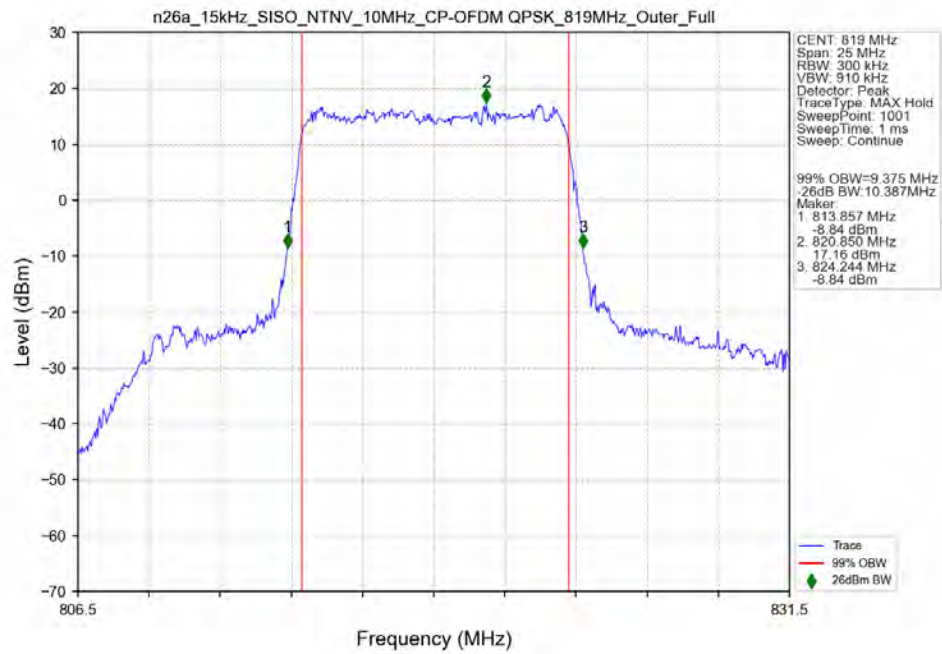
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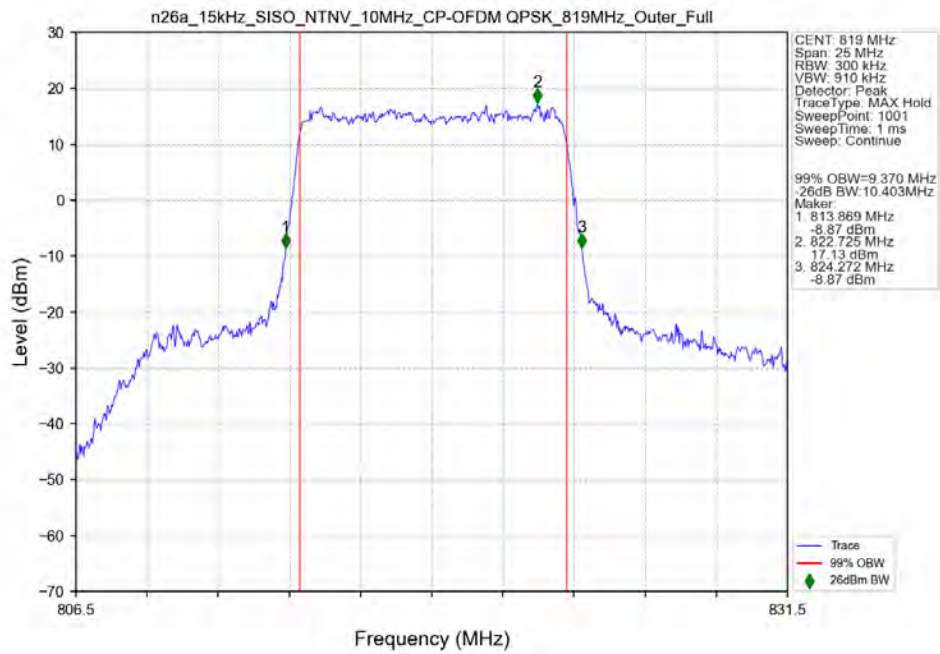
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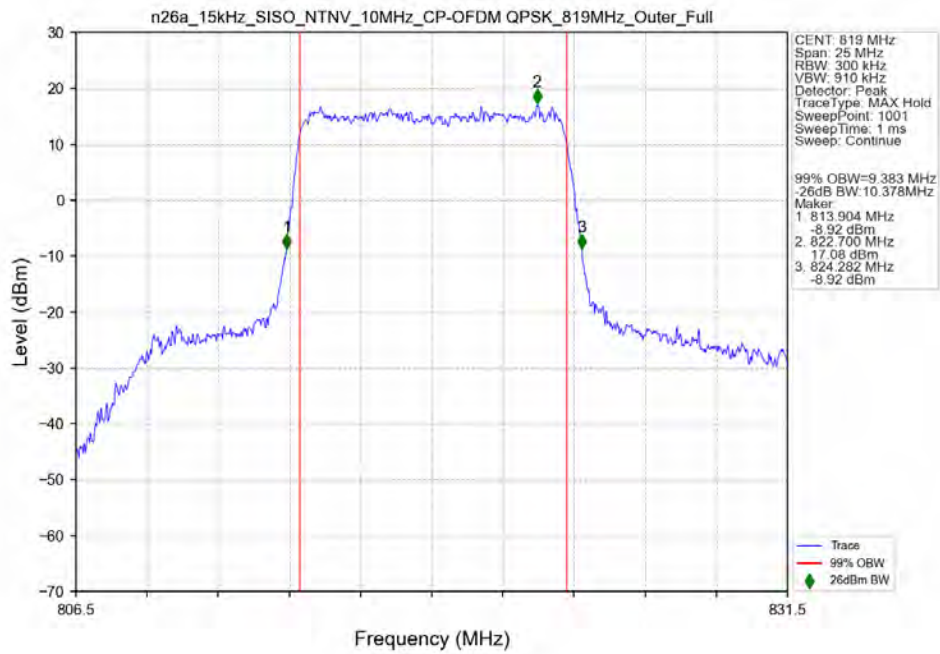
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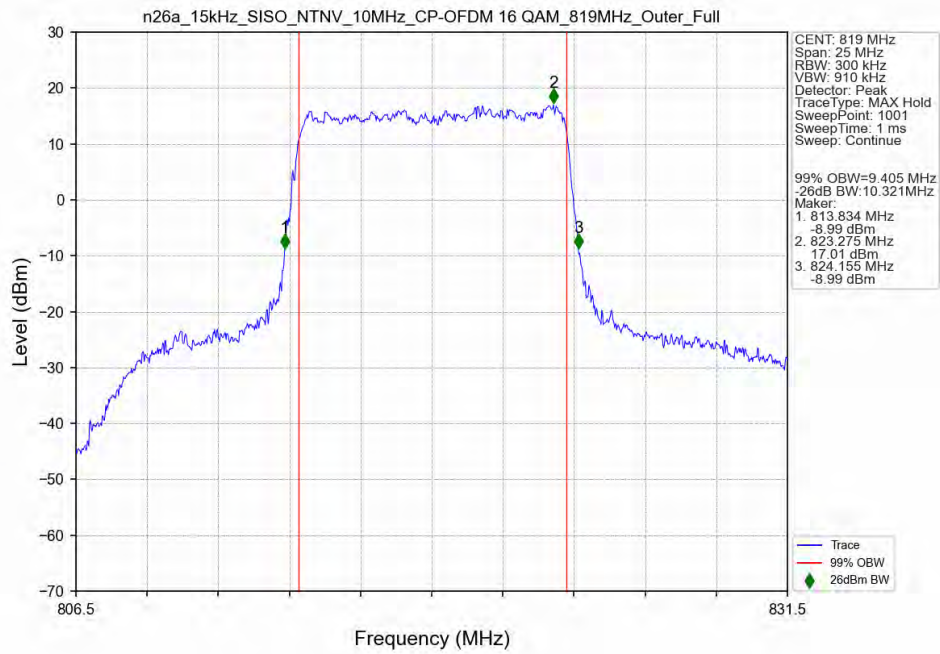
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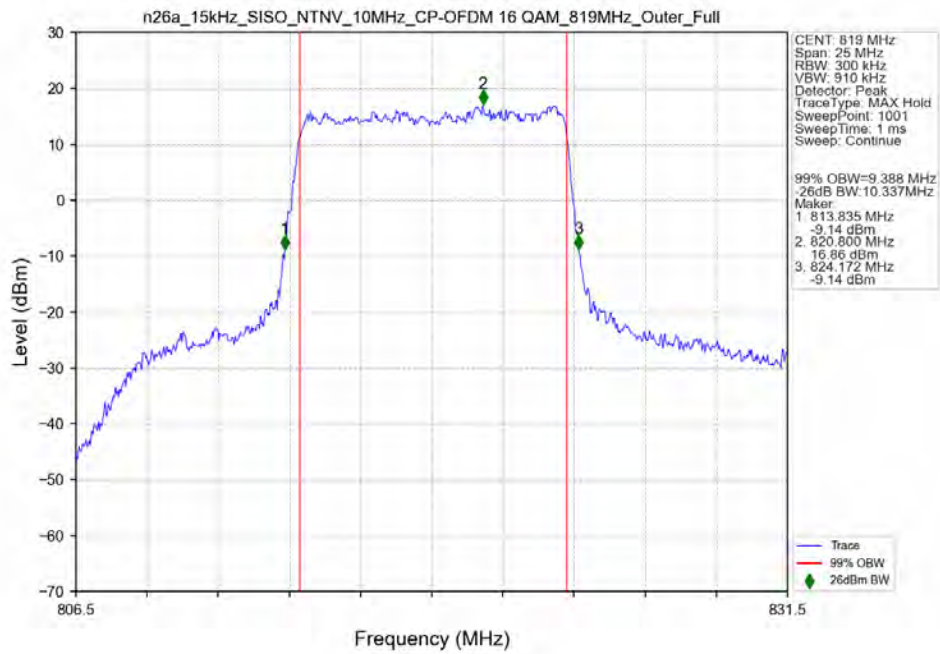
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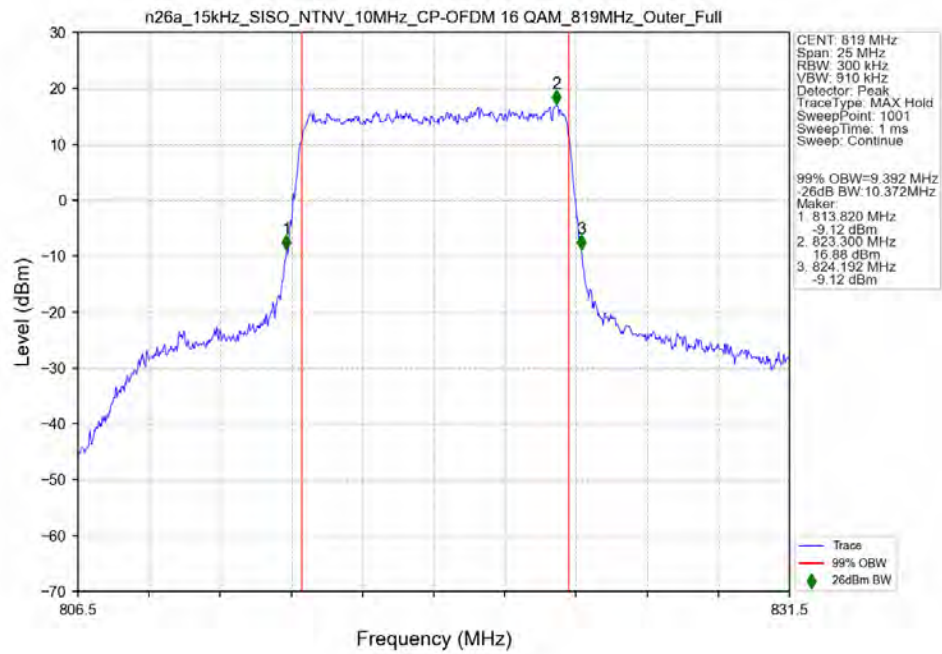
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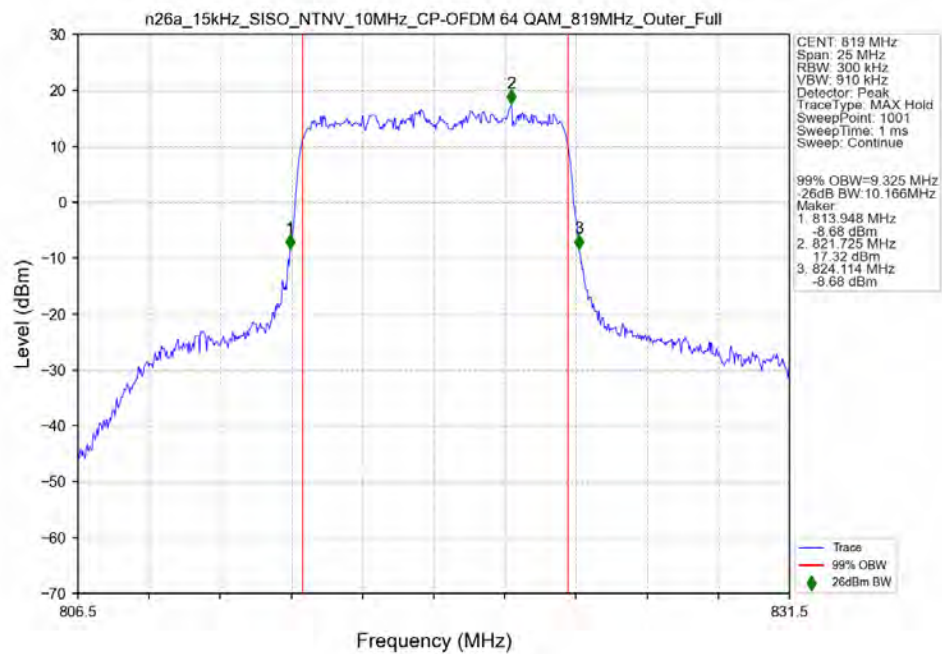
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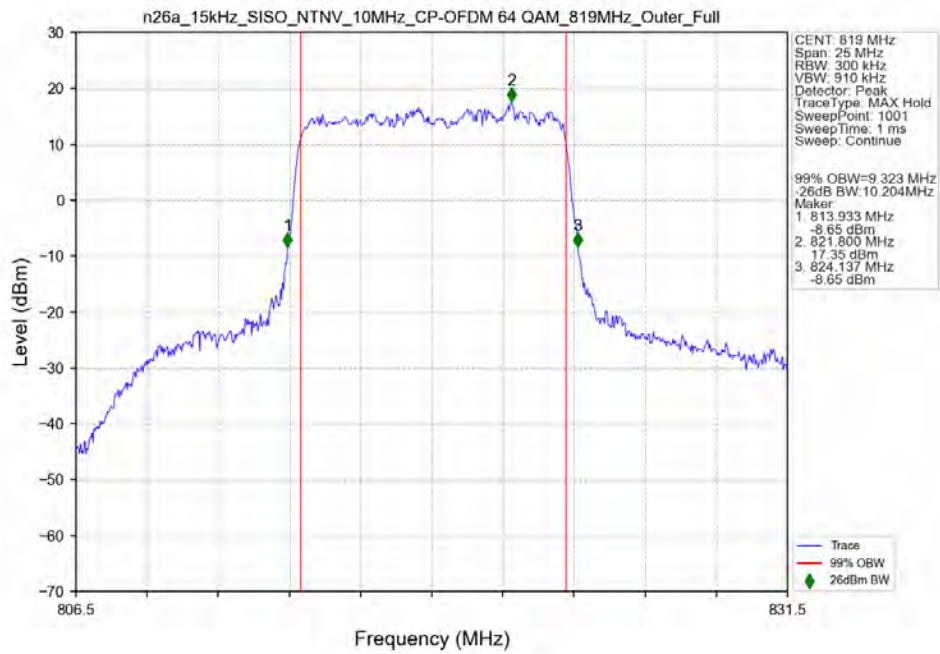
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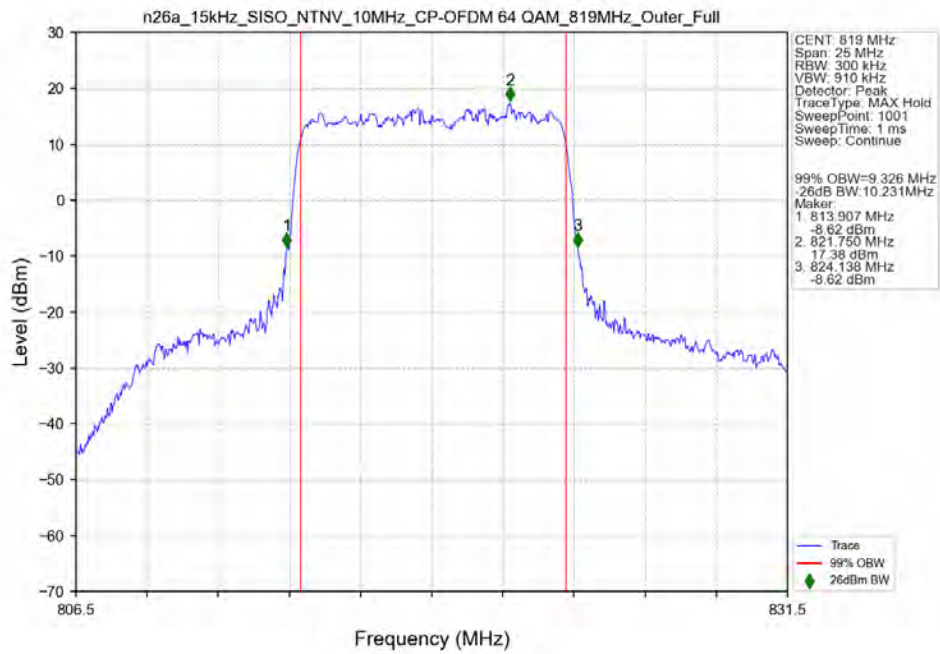
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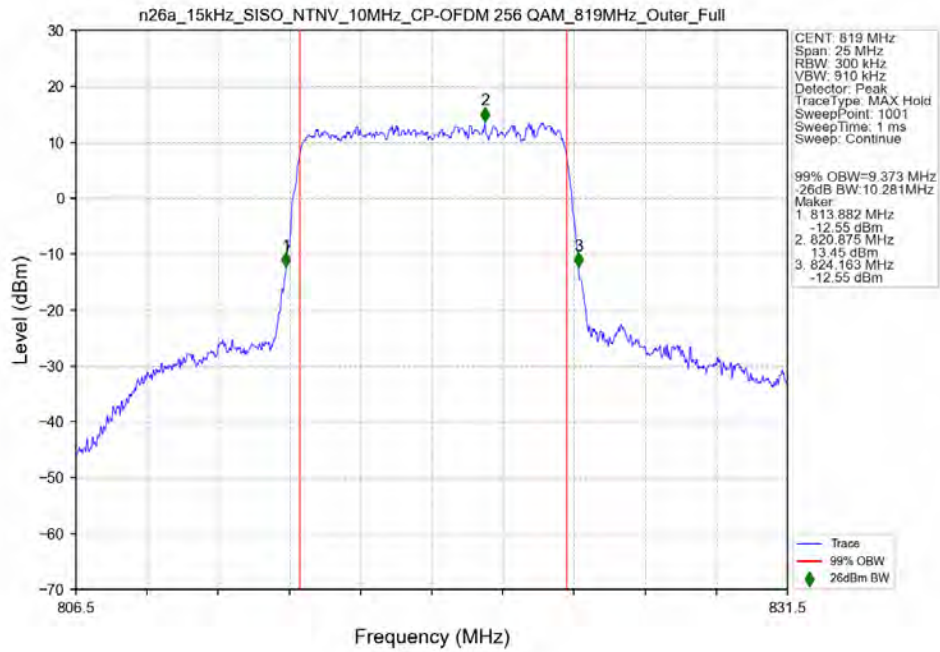
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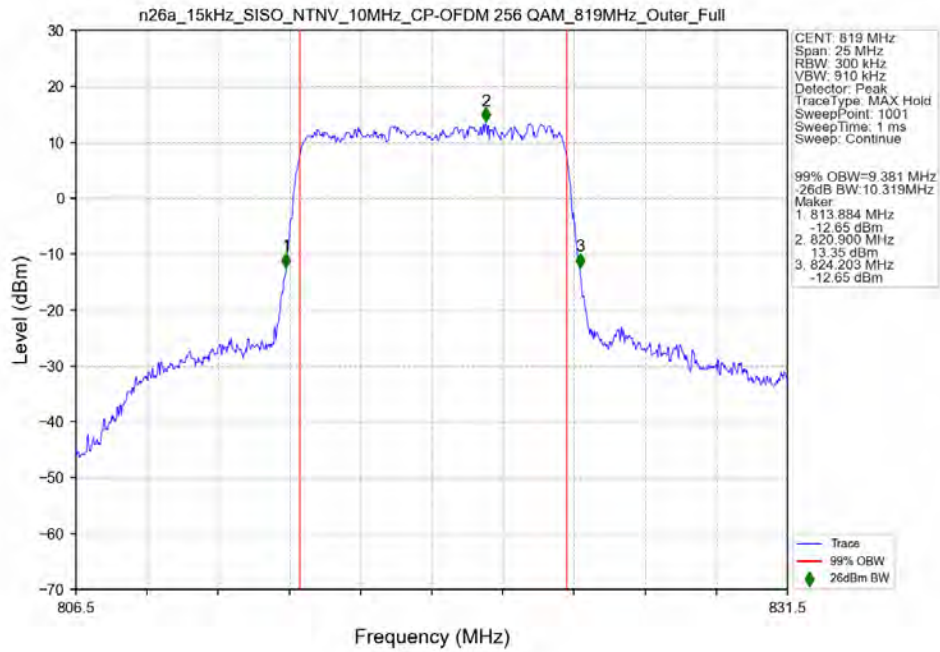
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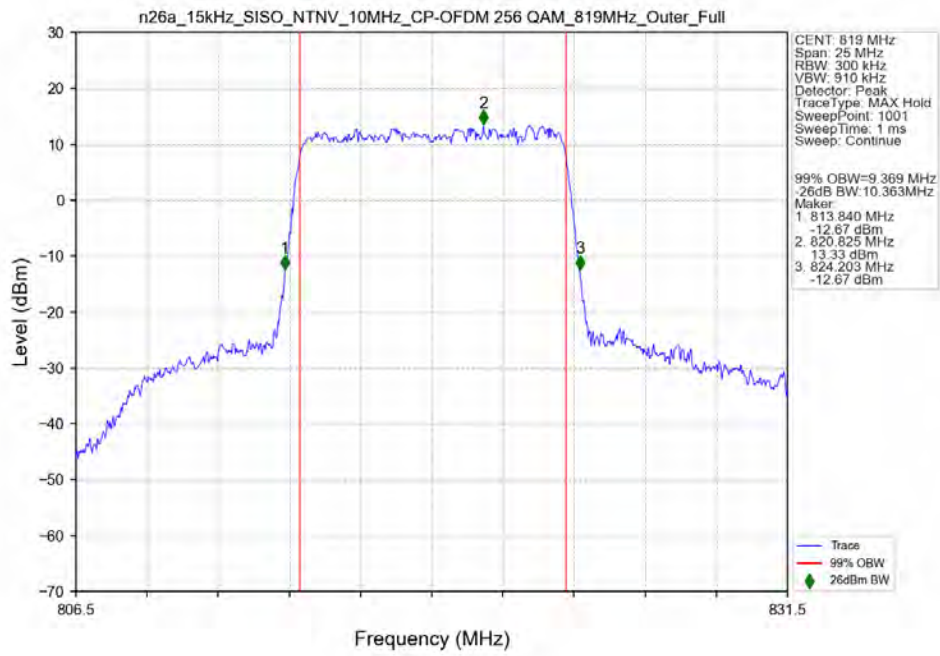
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_819MHz_Outer_Full_Ant31



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_819MHz_Outer_Full_Ant31



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_819MHz_Outer_Full_Ant31



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n26a SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Outer_Full	4.35	/	/	<=13	Pass
	819	Outer_Full	4.04	/	/	<=13	Pass
	821.5	Outer_Full	4.05	/	/	<=13	Pass
DFT-s-OFDM QPSK	816.5	Outer_Full	4.92	/	/	<=13	Pass
	819	Outer_Full	4.80	/	/	<=13	Pass
	821.5	Outer_Full	4.87	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	816.5	Outer_Full	6.14	/	/	<=13	Pass
	819	Outer_Full	5.78	/	/	<=13	Pass
	821.5	Outer_Full	5.78	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	816.5	Outer_Full	6.44	/	/	<=13	Pass
	819	Outer_Full	6.06	/	/	<=13	Pass
	821.5	Outer_Full	6.07	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	816.5	Outer_Full	6.97	/	/	<=13	Pass
	819	Outer_Full	7.05	/	/	<=13	Pass
	821.5	Outer_Full	7.04	/	/	<=13	Pass
CP-OFDM QPSK	816.5	Outer_Full	7.17	/	/	<=13	Pass
	819	Outer_Full	6.93	/	/	<=13	Pass
	821.5	Outer_Full	6.87	/	/	<=13	Pass
CP-OFDM 16 QAM	816.5	Outer_Full	6.97	/	/	<=13	Pass
	819	Outer_Full	7.10	/	/	<=13	Pass
	821.5	Outer_Full	7.08	/	/	<=13	Pass
CP-OFDM 64 QAM	816.5	Outer_Full	7.26	/	/	<=13	Pass
	819	Outer_Full	7.36	/	/	<=13	Pass
	821.5	Outer_Full	7.25	/	/	<=13	Pass
CP-OFDM 256 QAM	816.5	Outer_Full	8.82	/	/	<=13	Pass
	819	Outer_Full	8.79	/	/	<=13	Pass
	821.5	Outer_Full	8.77	/	/	<=13	Pass

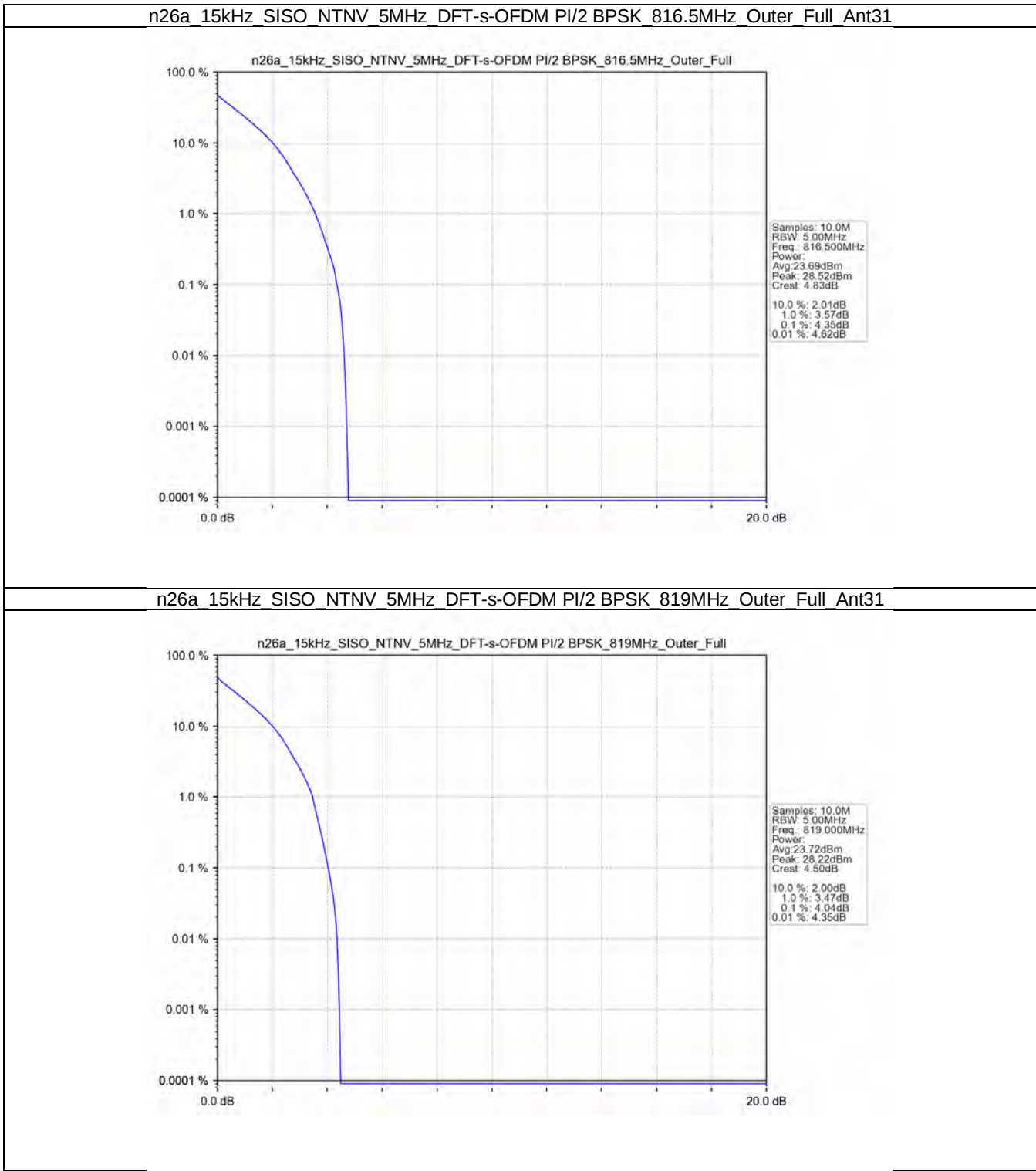
4.1.2 15k_SISO_10MHz_NTNV

5G NR n26a SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	4.11	/	/	<=13	Pass
	819	Outer_Full	4.11	/	/	<=13	Pass
	819	Outer_Full	4.12	/	/	<=13	Pass
DFT-s-OFDM QPSK	819	Outer_Full	4.89	/	/	<=13	Pass
	819	Outer_Full	4.88	/	/	<=13	Pass
	819	Outer_Full	4.89	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	5.79	/	/	<=13	Pass
	819	Outer_Full	5.80	/	/	<=13	Pass
	819	Outer_Full	5.80	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	6.15	/	/	<=13	Pass
	819	Outer_Full	6.12	/	/	<=13	Pass
	819	Outer_Full	6.15	/	/	<=13	Pass

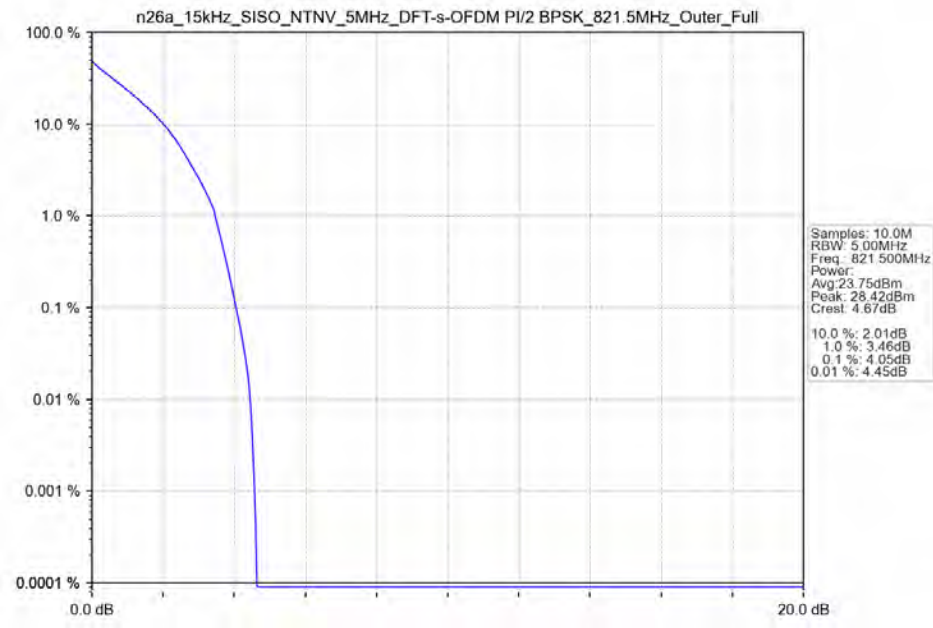
DFT-s-OFDM 256 QAM	819	Outer Full	7.03	/	/	<=13	Pass
	819	Outer Full	7.01	/	/	<=13	Pass
	819	Outer Full	7.03	/	/	<=13	Pass
CP-OFDM QPSK	819	Outer Full	7.17	/	/	<=13	Pass
	819	Outer Full	7.13	/	/	<=13	Pass
	819	Outer Full	7.17	/	/	<=13	Pass
CP-OFDM 16 QAM	819	Outer Full	7.02	/	/	<=13	Pass
	819	Outer Full	7.02	/	/	<=13	Pass
	819	Outer Full	7.03	/	/	<=13	Pass
CP-OFDM 64 QAM	819	Outer Full	7.46	/	/	<=13	Pass
	819	Outer Full	7.42	/	/	<=13	Pass
	819	Outer Full	7.47	/	/	<=13	Pass
CP-OFDM 256 QAM	819	Outer Full	8.62	/	/	<=13	Pass
	819	Outer Full	8.62	/	/	<=13	Pass
	819	Outer Full	8.62	/	/	<=13	Pass

4.2 Test Graph

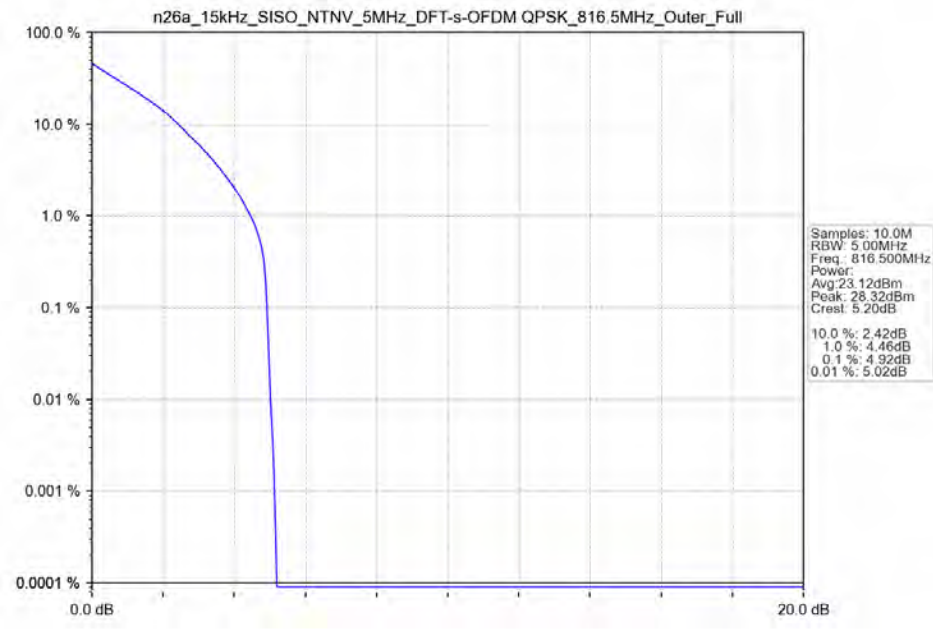
4.2.1 15k_SISO_5MHz_NTNV



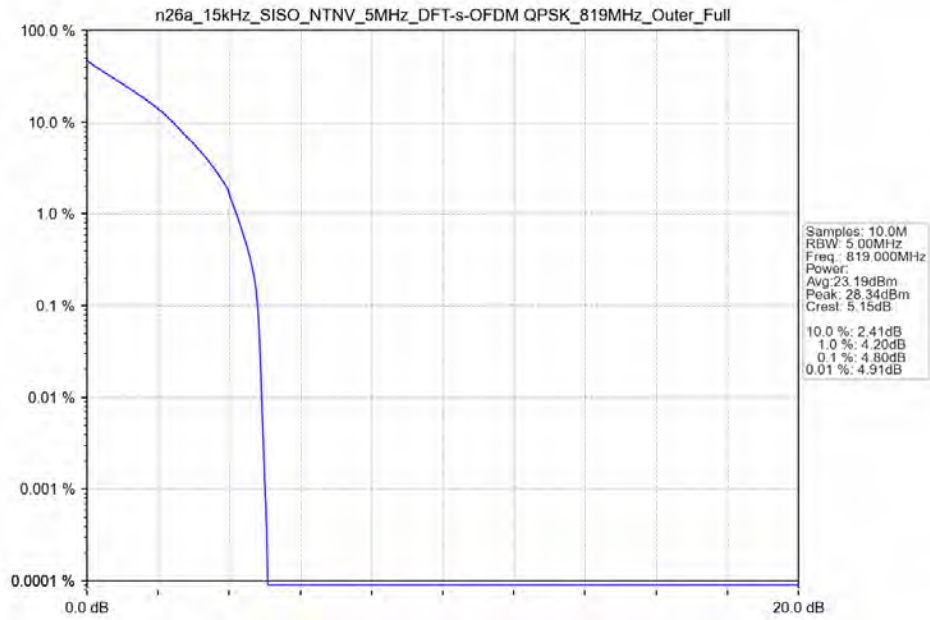
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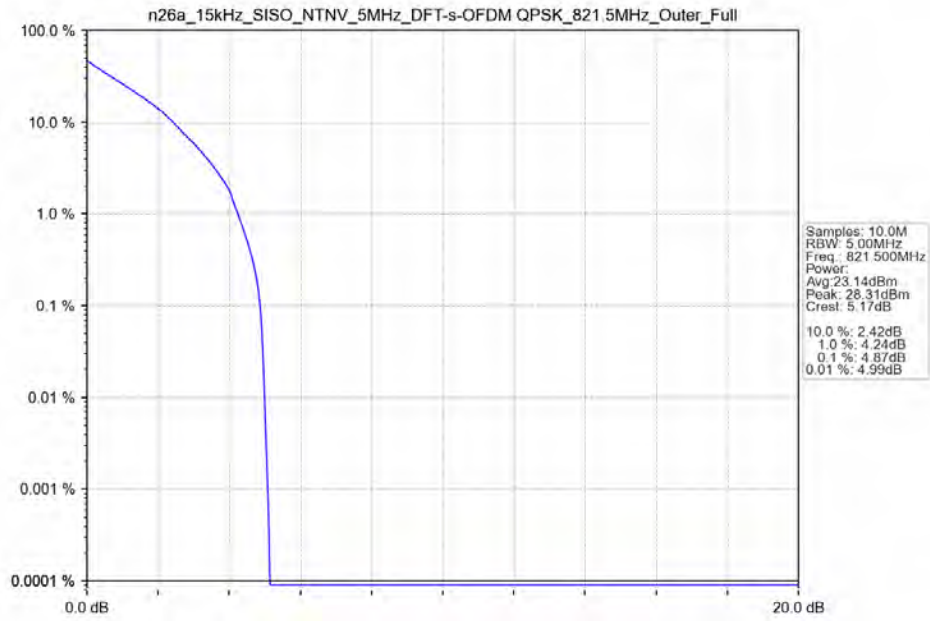
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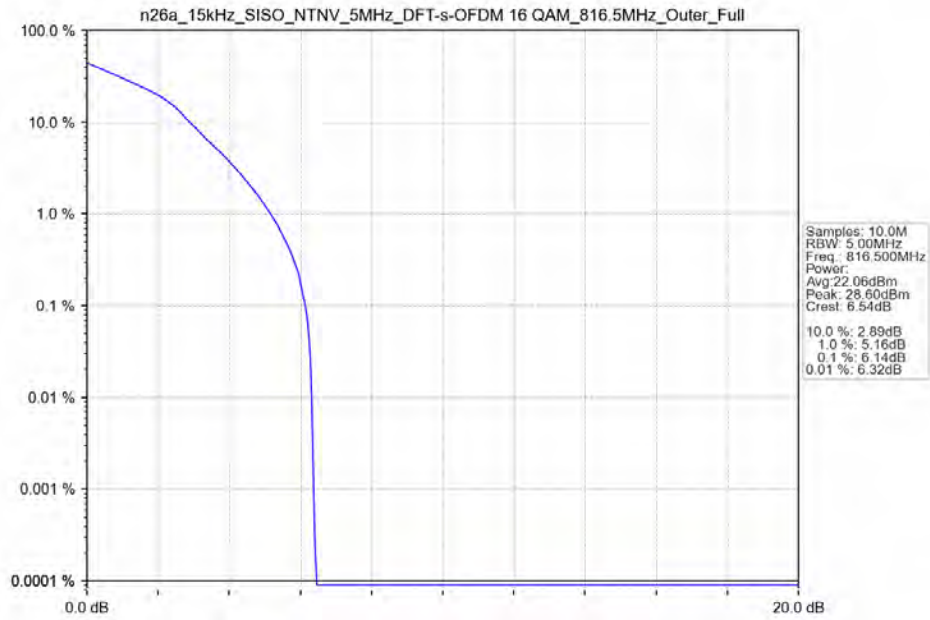
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_819MHz_Outer_Full_Ant31



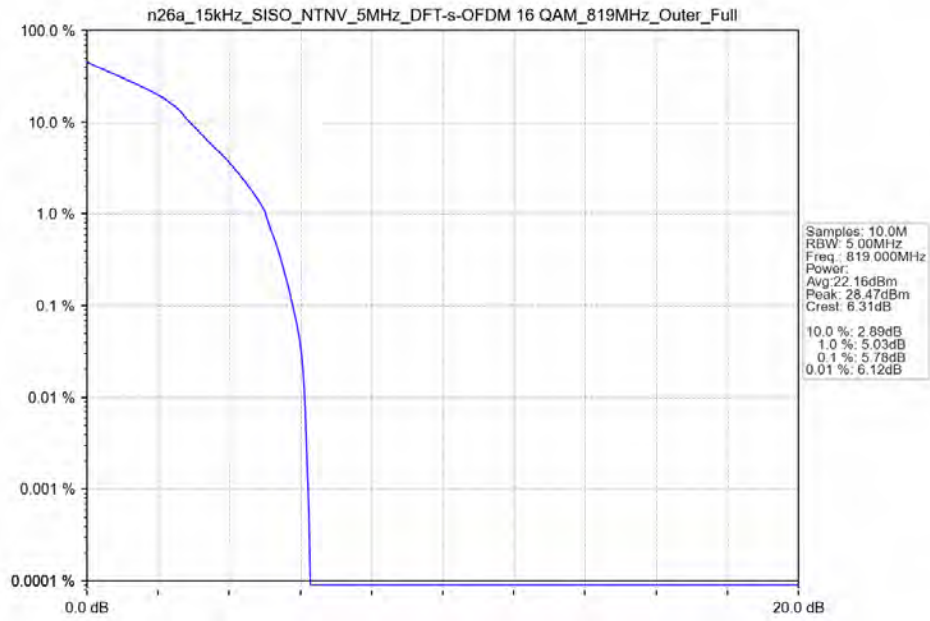
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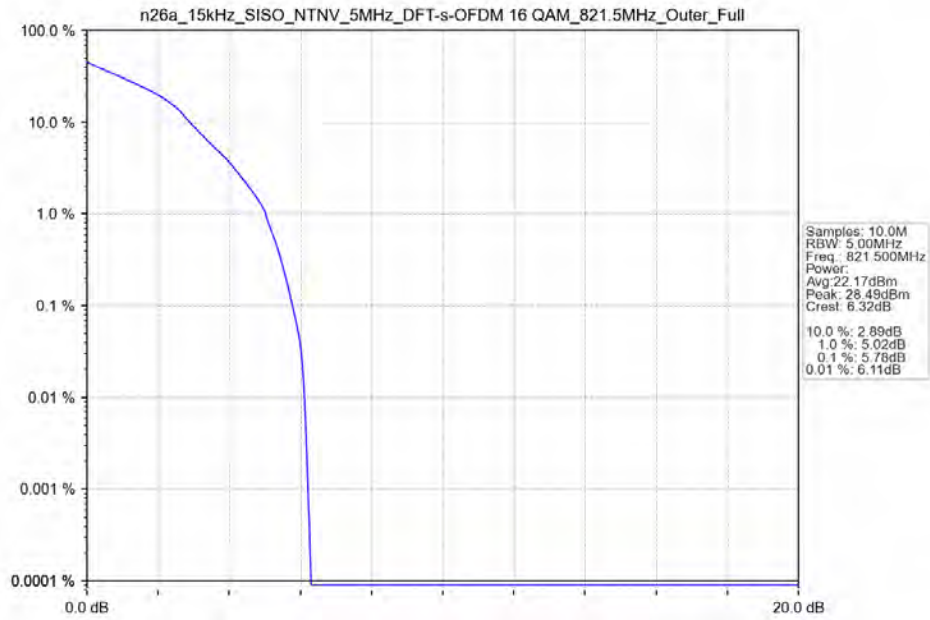
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_816.5MHz_Outer_Full_Ant31



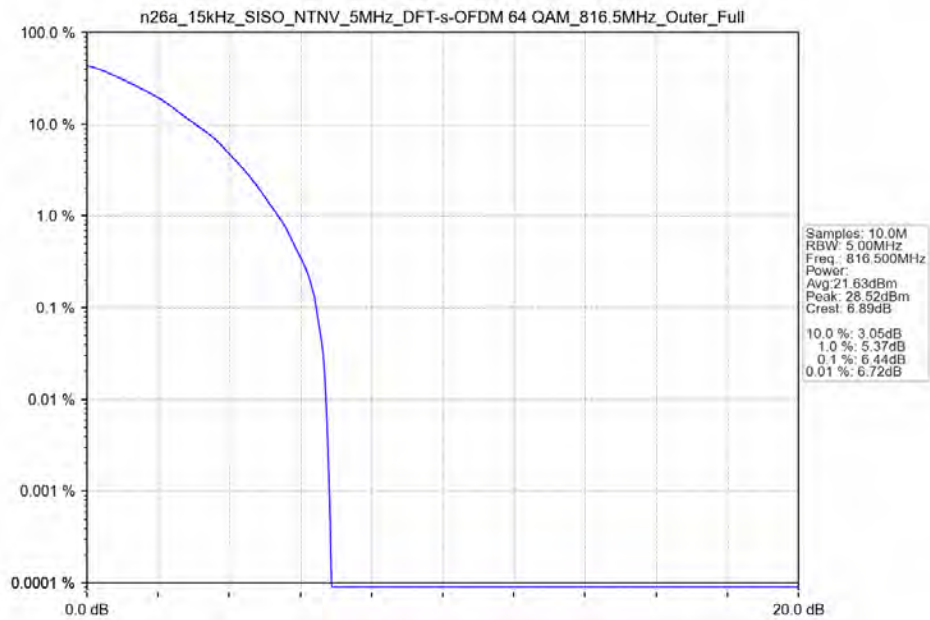
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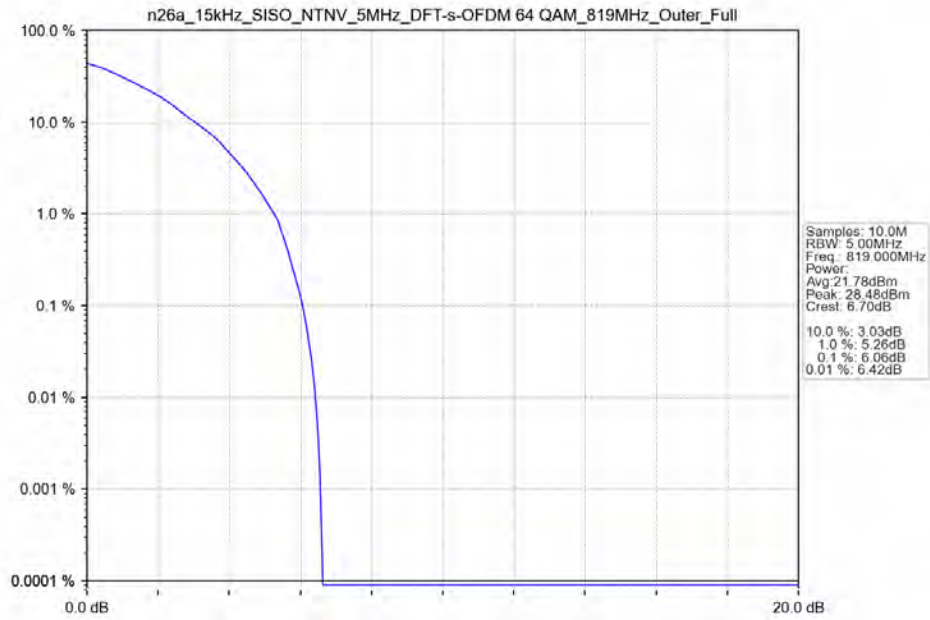
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 821.5MHz Outer Full Ant31



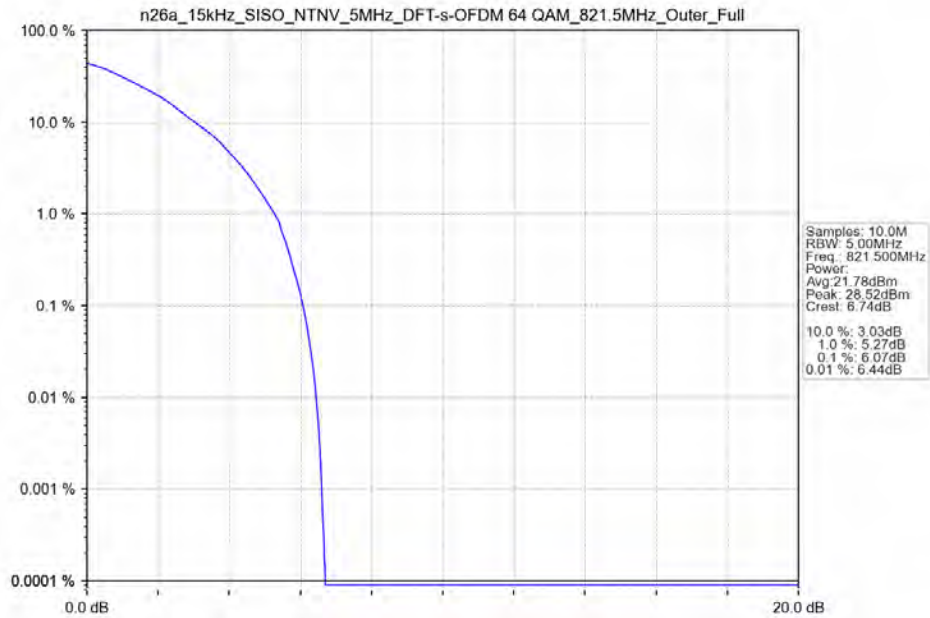
n26a 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 816.5MHz Outer Full Ant31



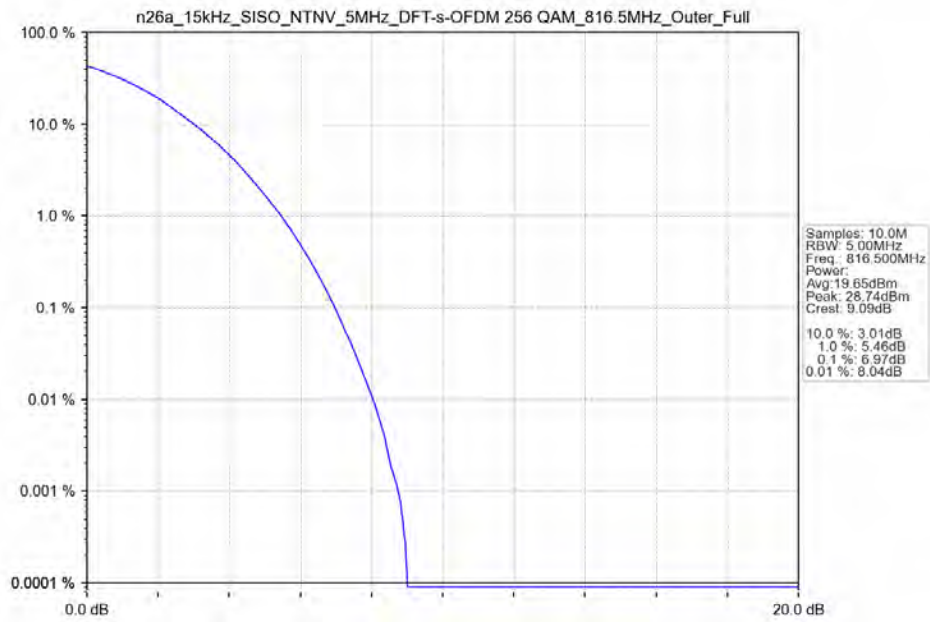
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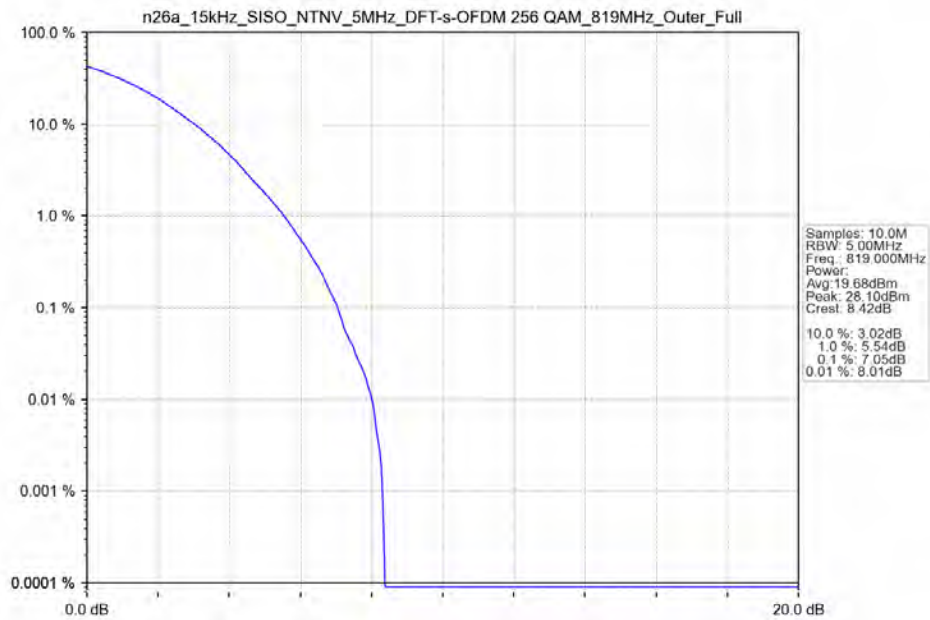
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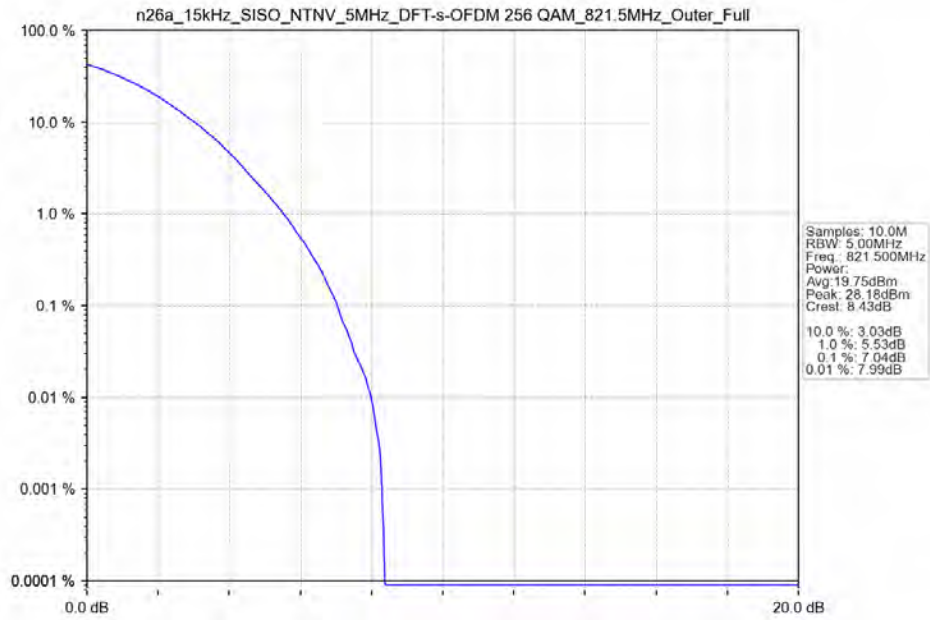
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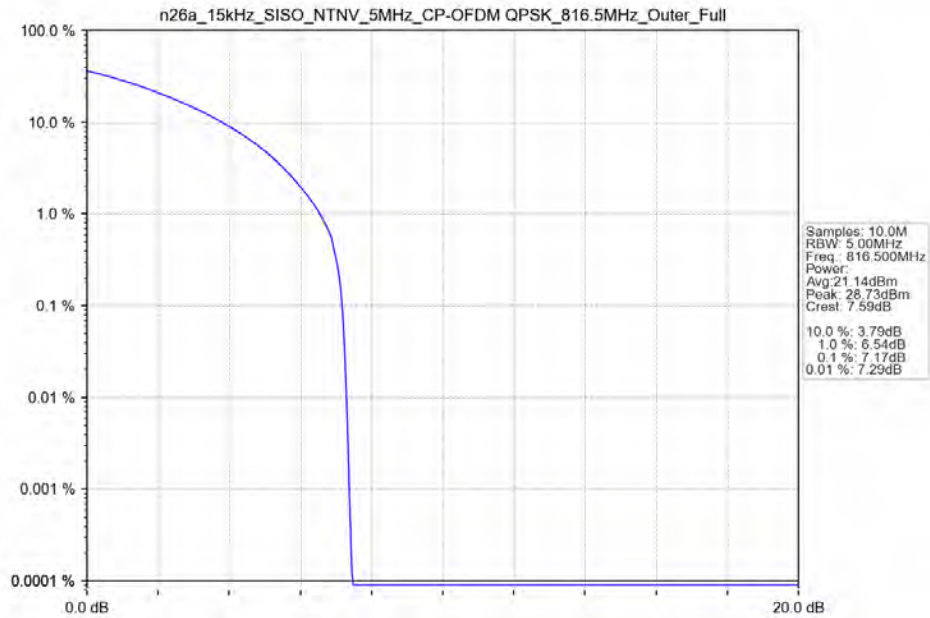
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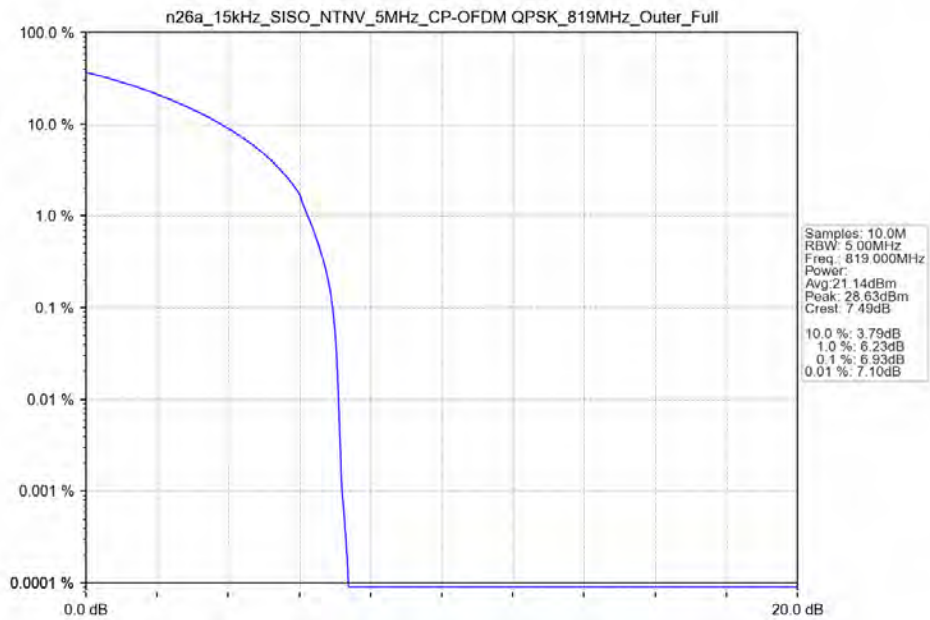
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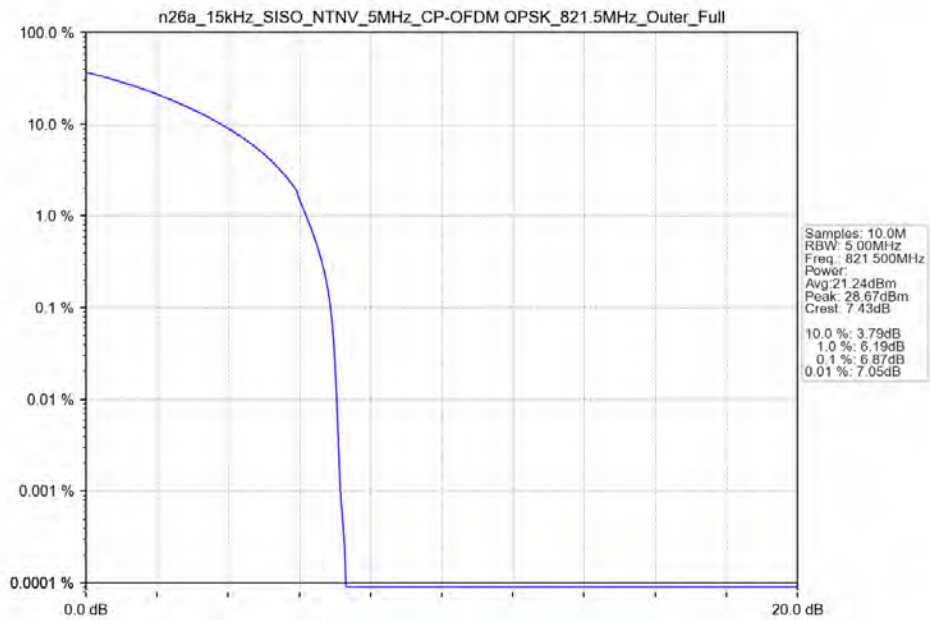
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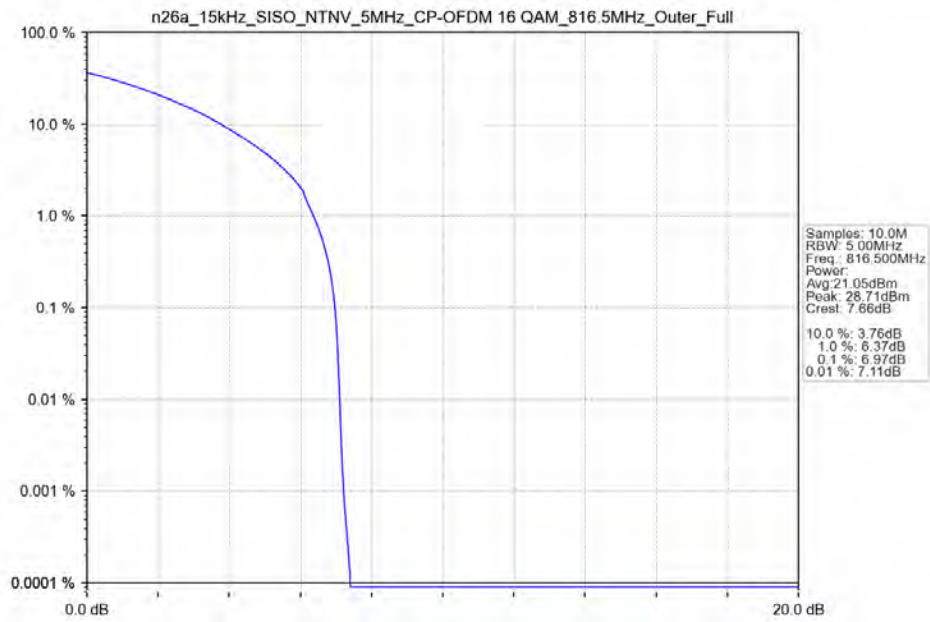
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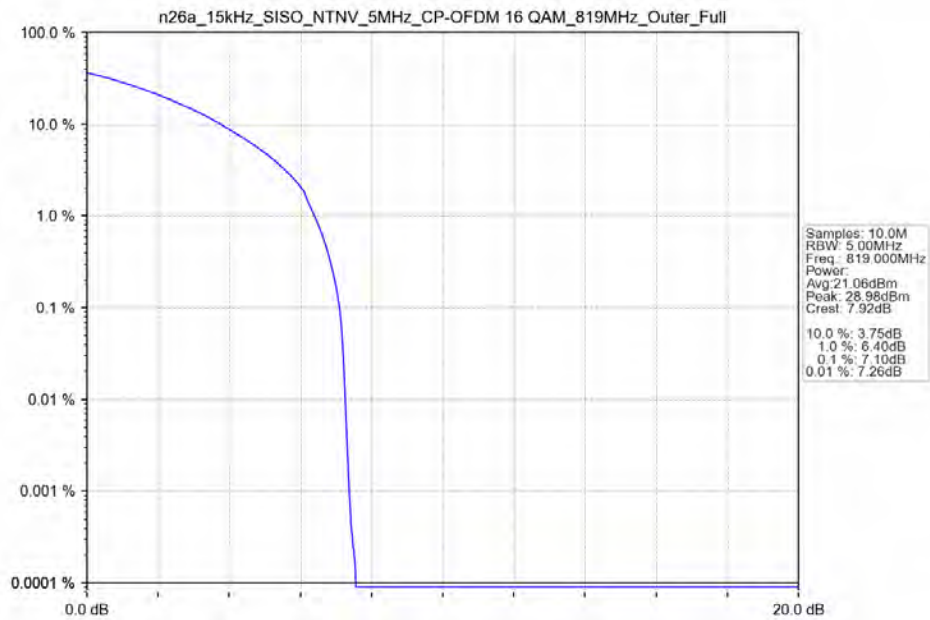
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Outer_Full_Ant31



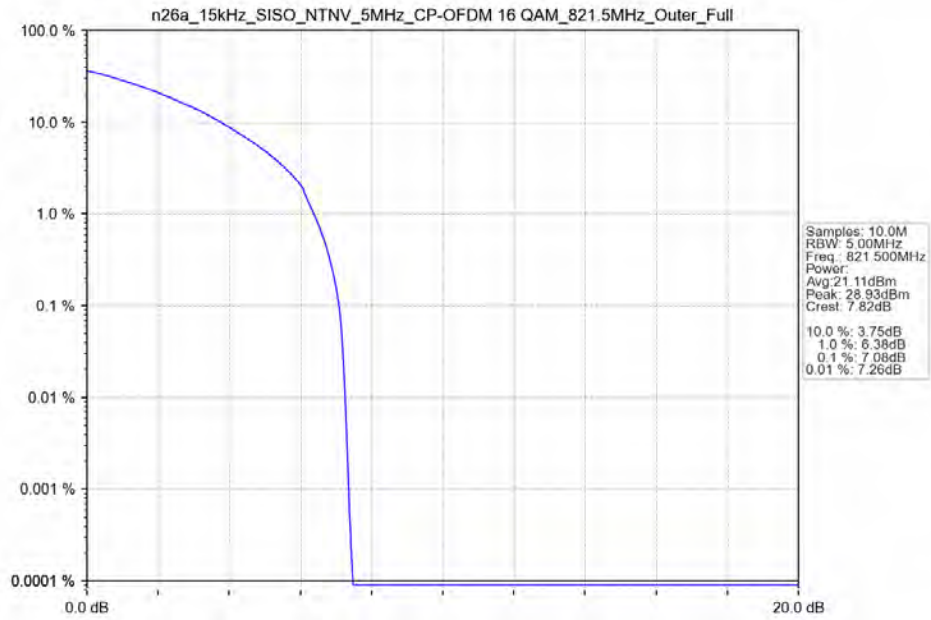
n26a 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 816.5MHz Outer Full Ant31



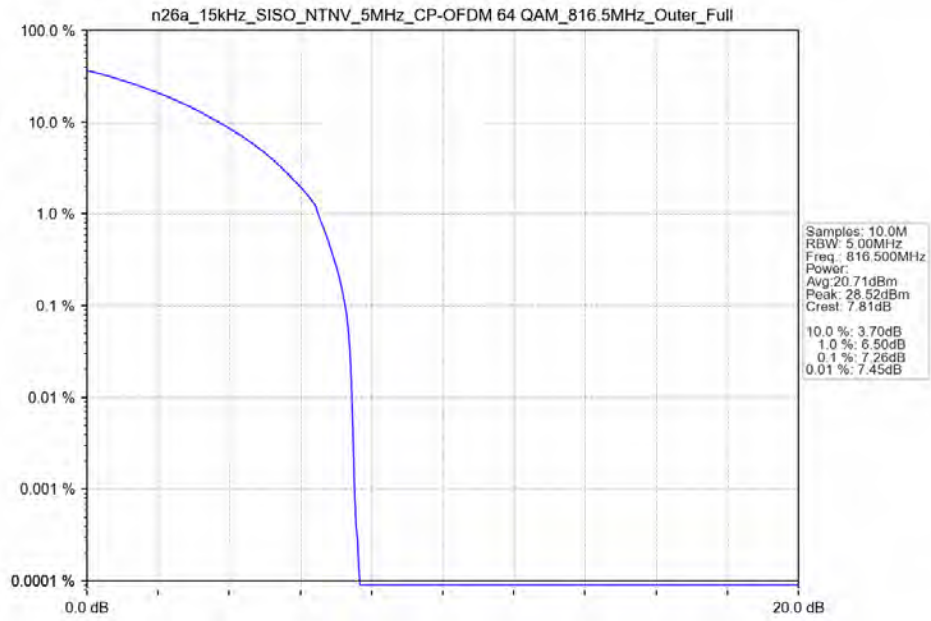
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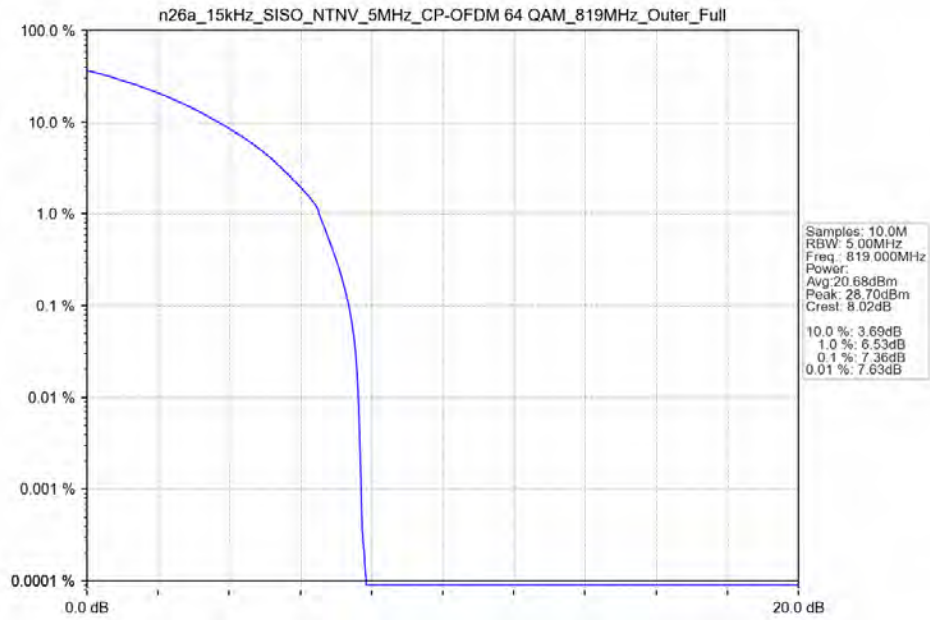
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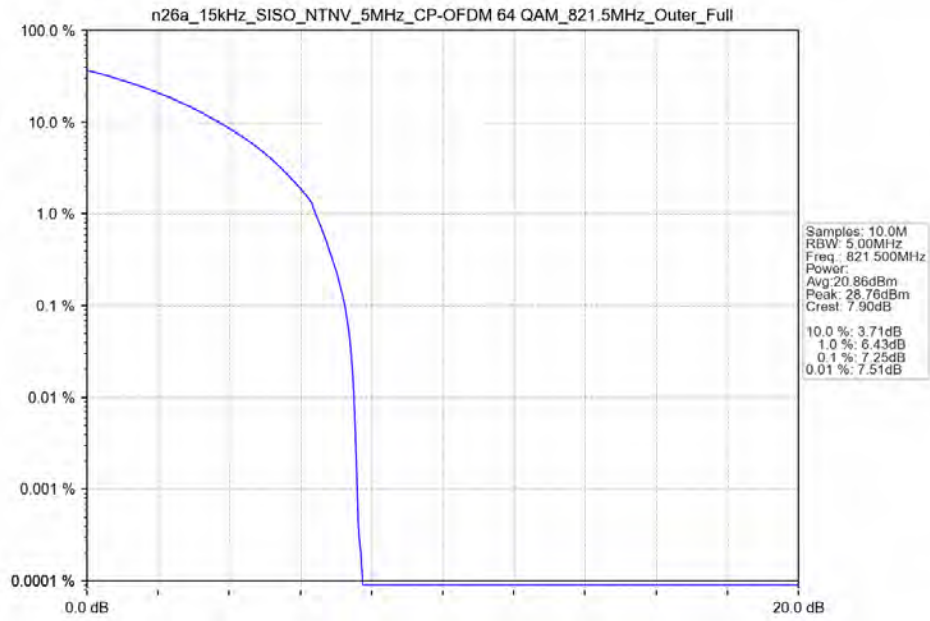
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 816.5MHz_Outer_Full_Ant31



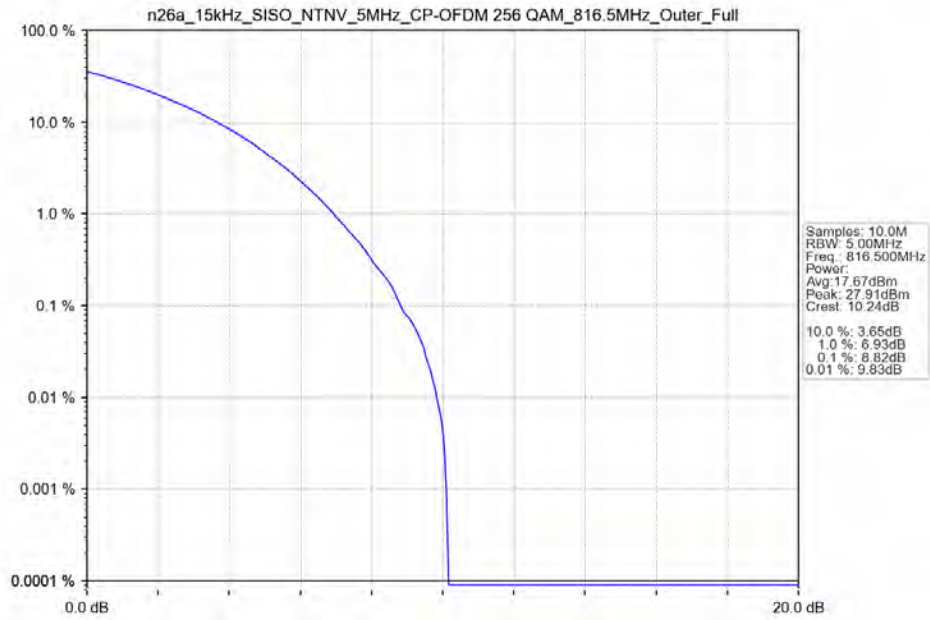
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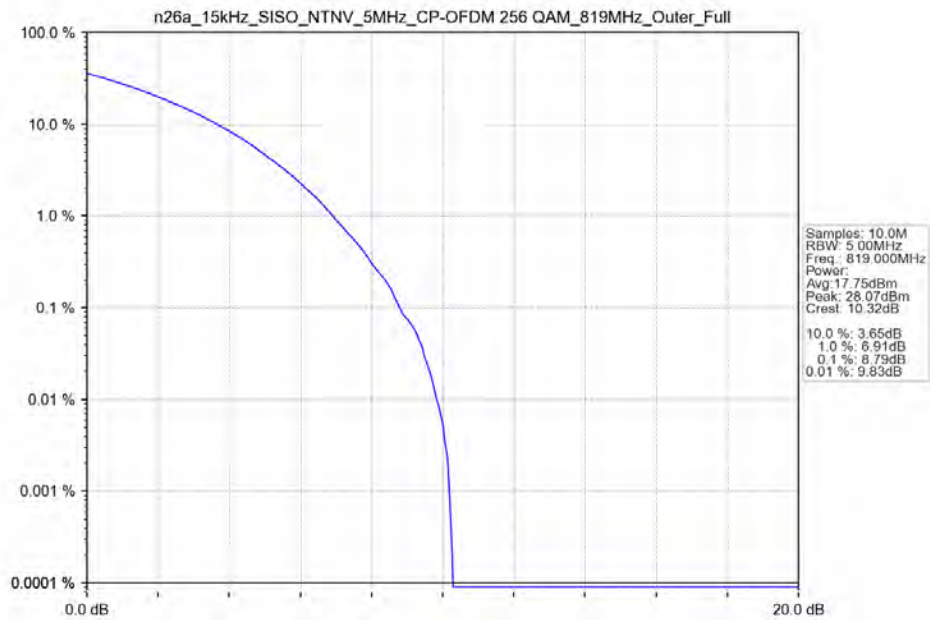
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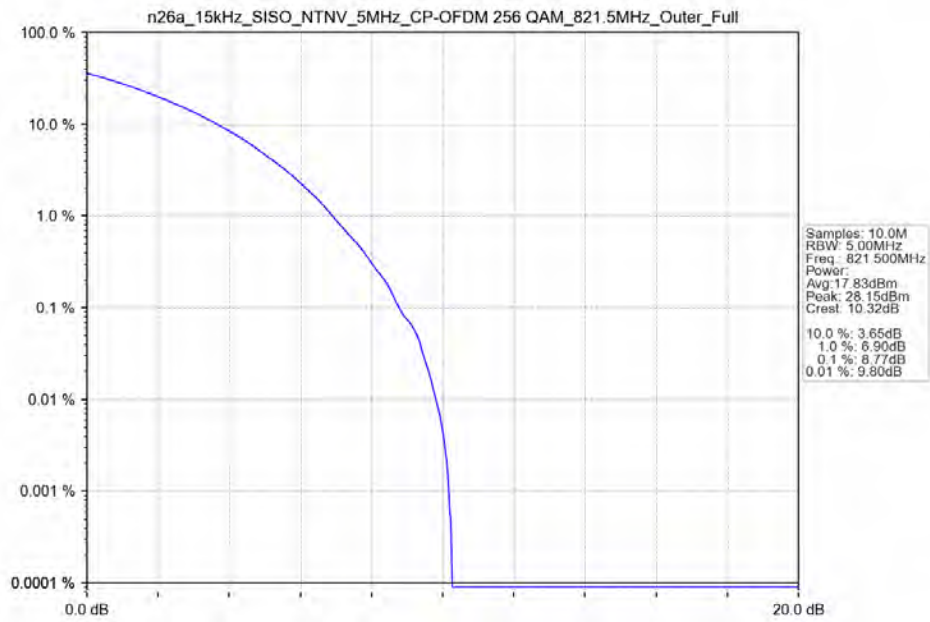
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_816.5MHz_Outer_Full_Ant31



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_819MHz_Outer_Full_Ant31

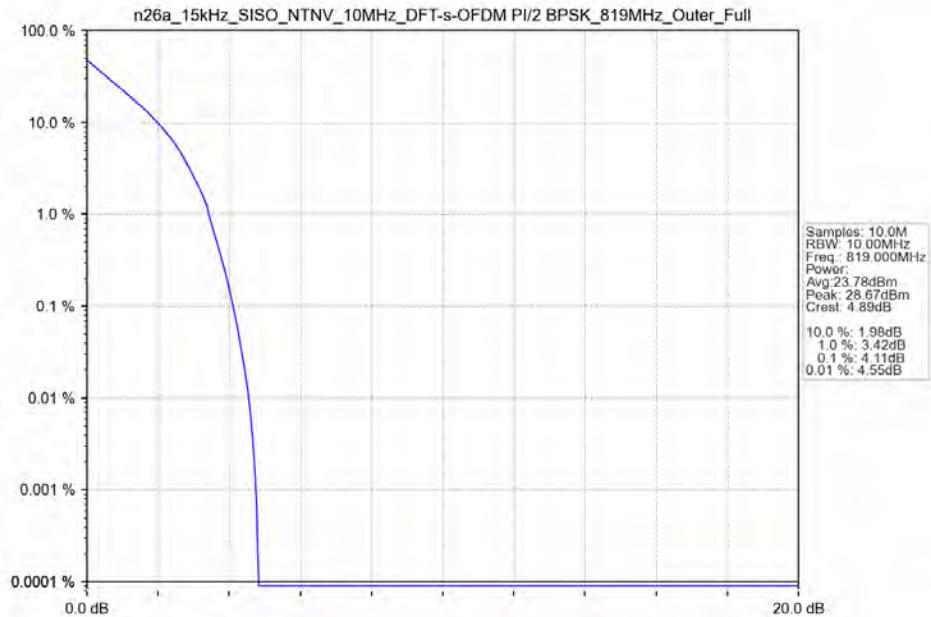


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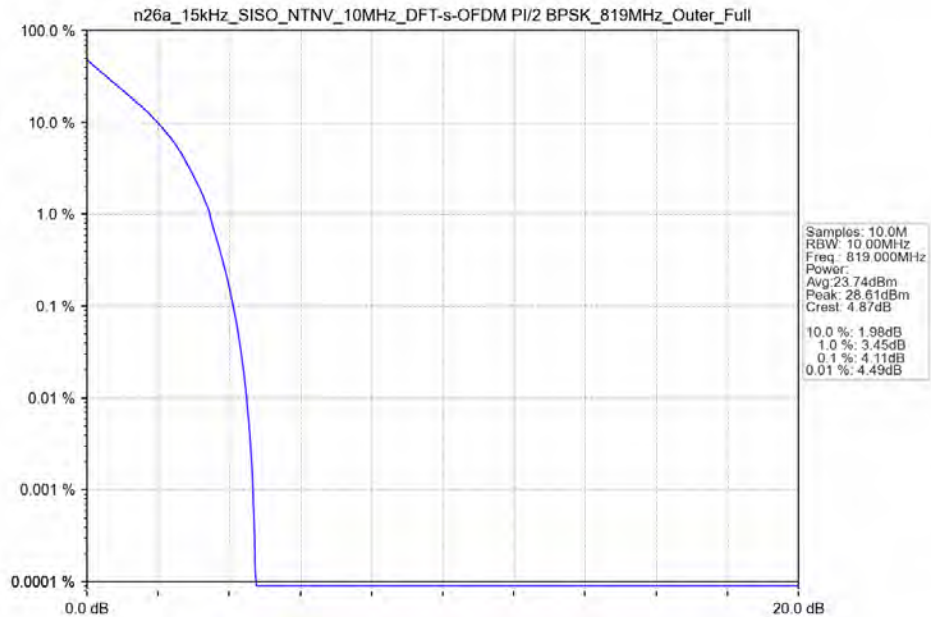


4.2.2 15k_SISO_10MHz_NTNV

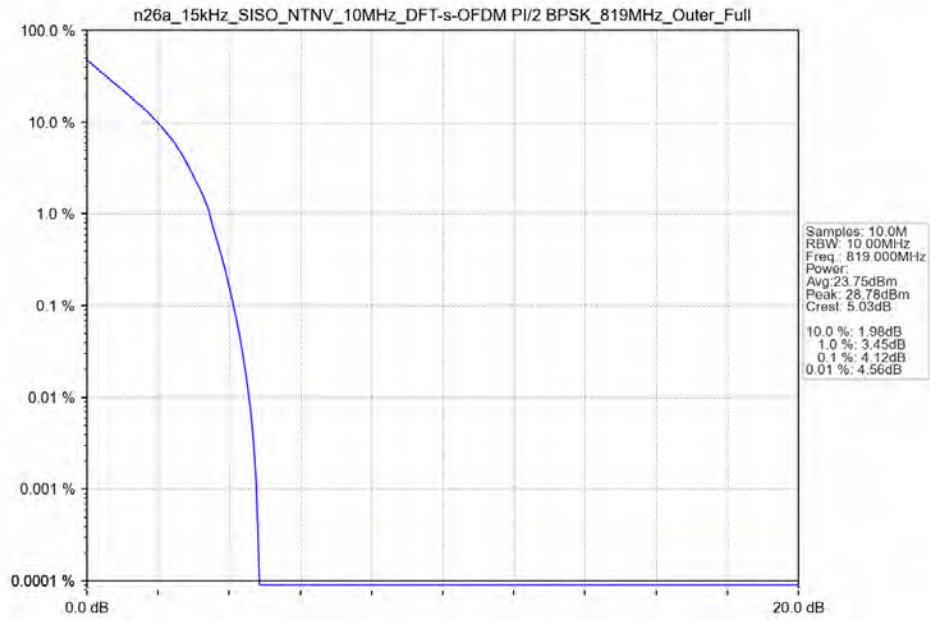
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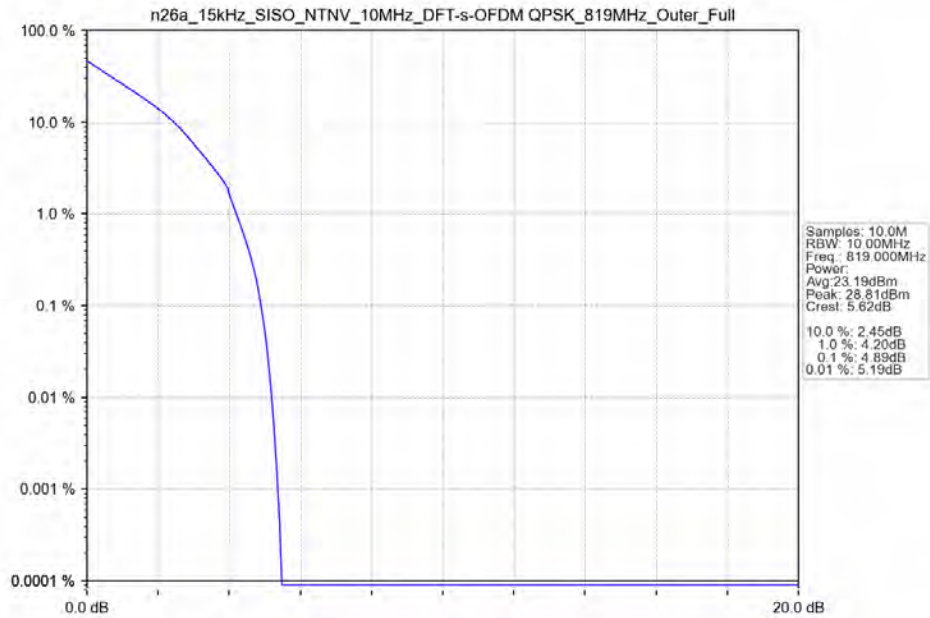
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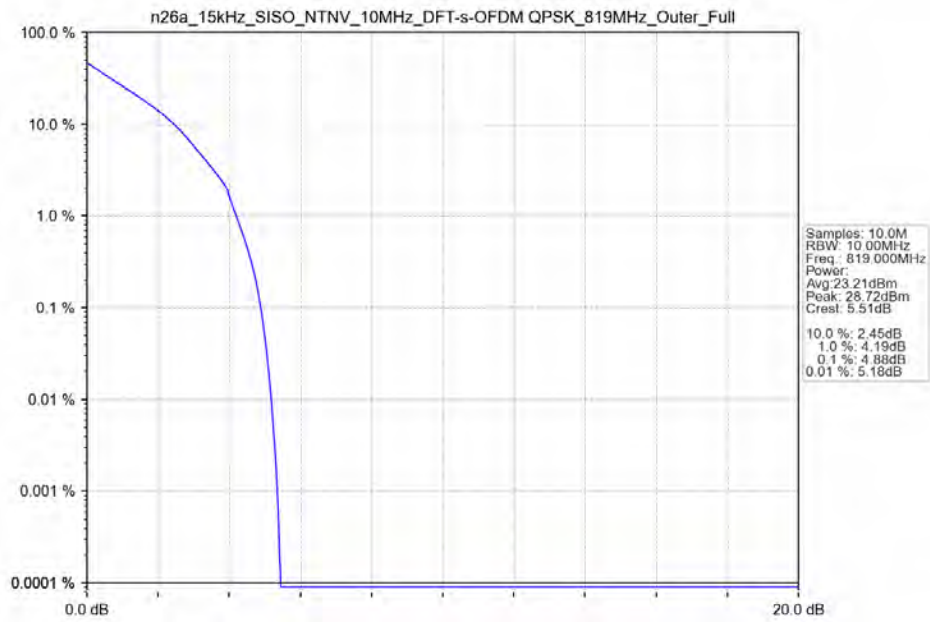
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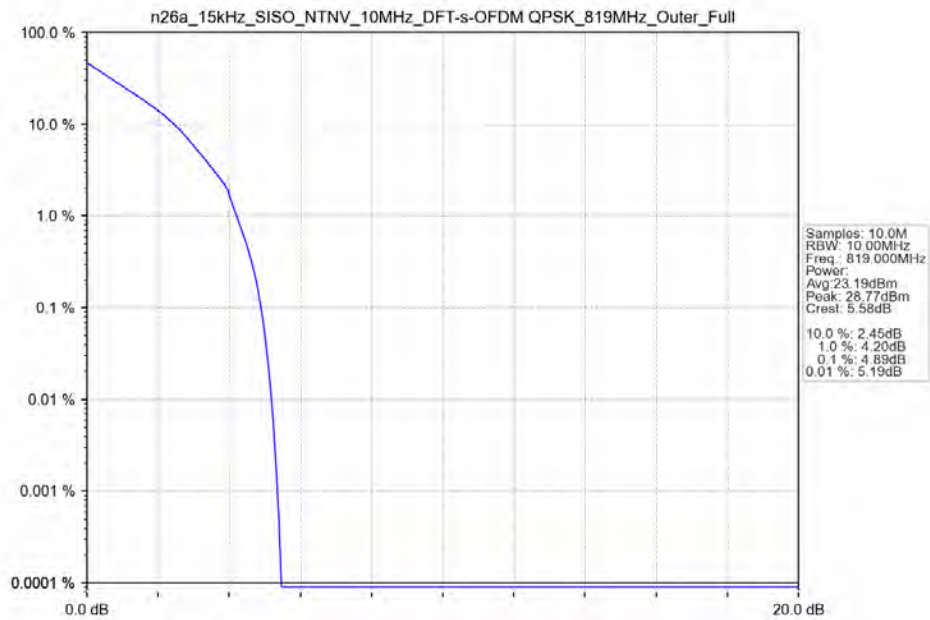
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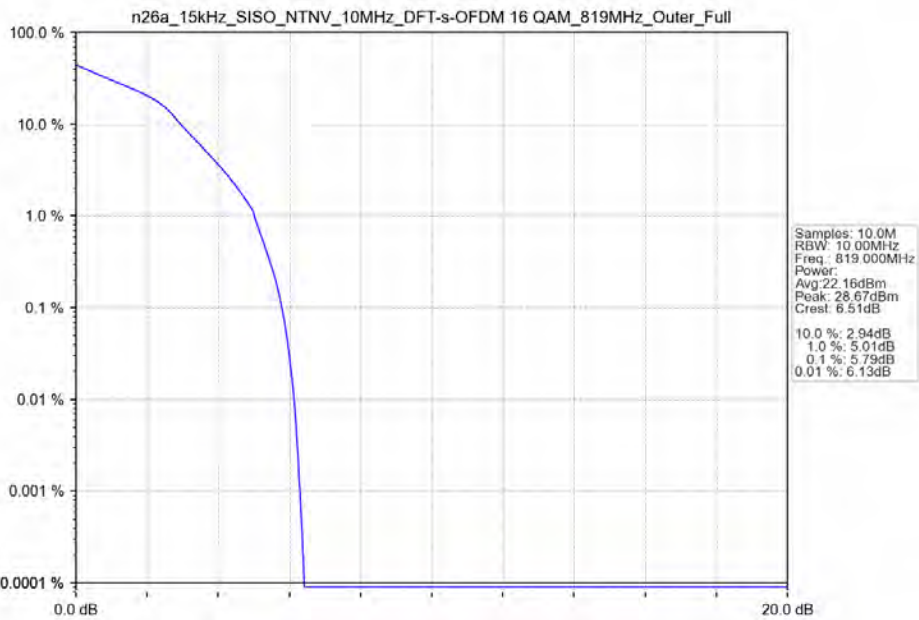
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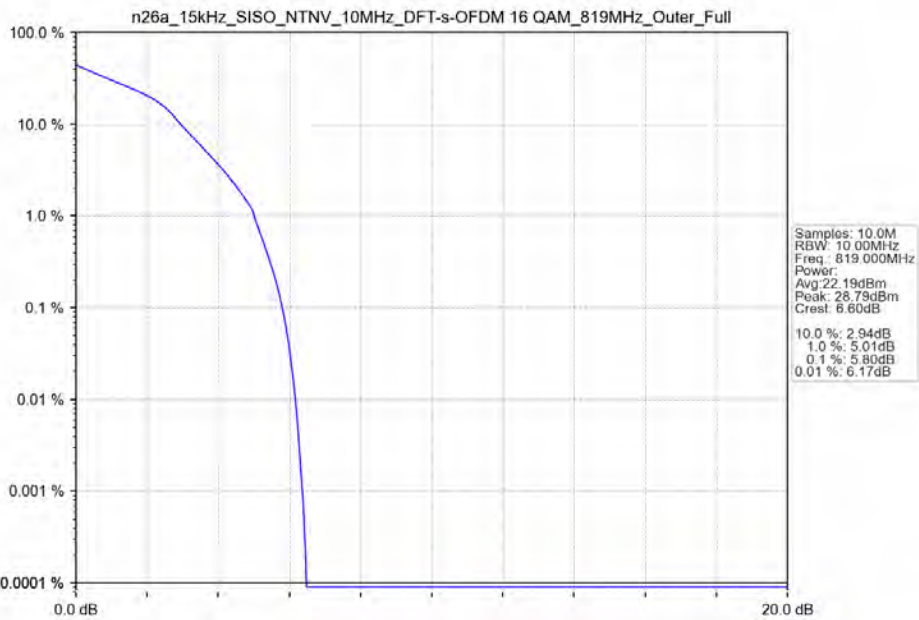
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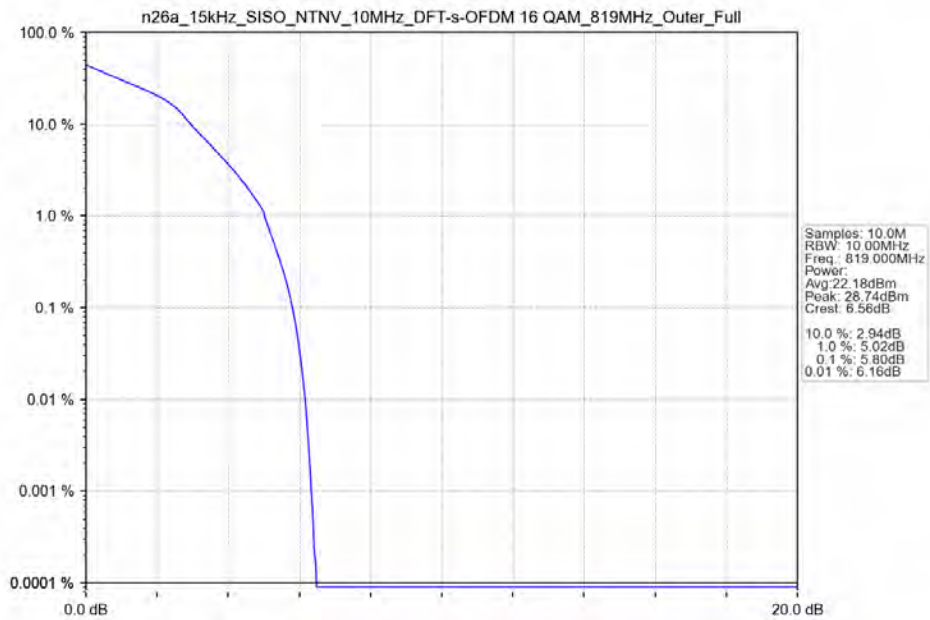
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 819MHz Outer Full Ant31



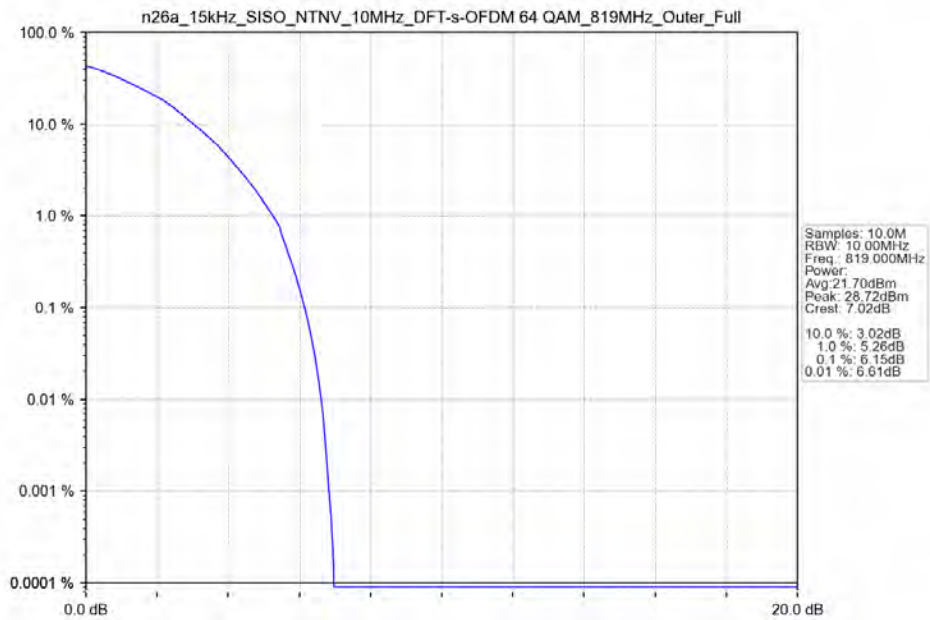
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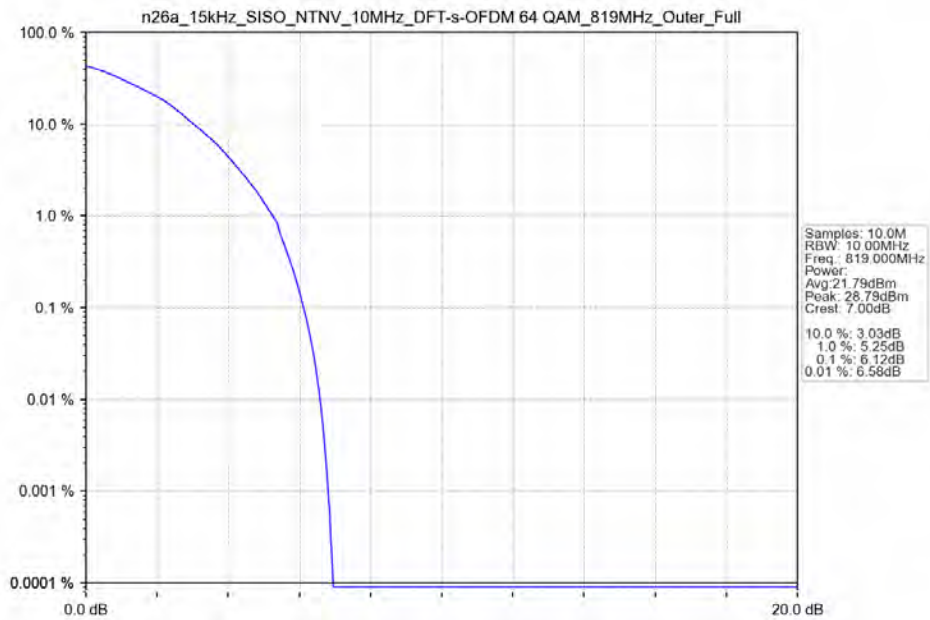
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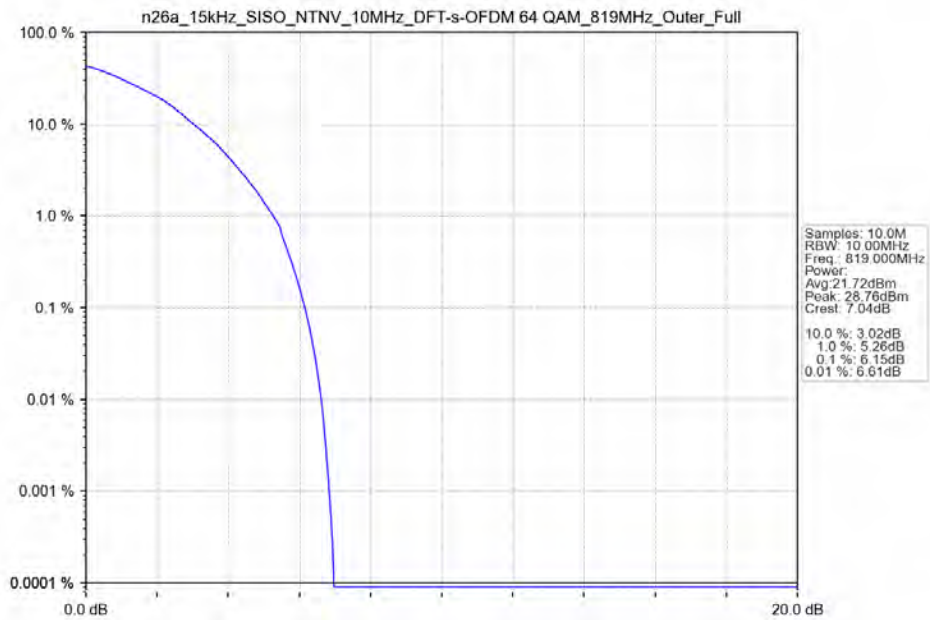
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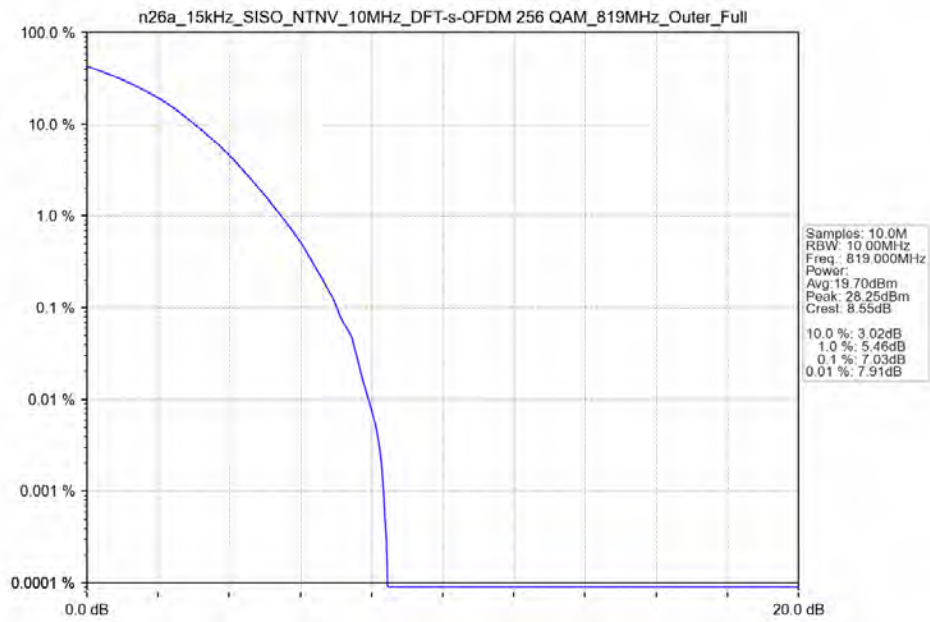
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 819MHz Outer Full Ant31



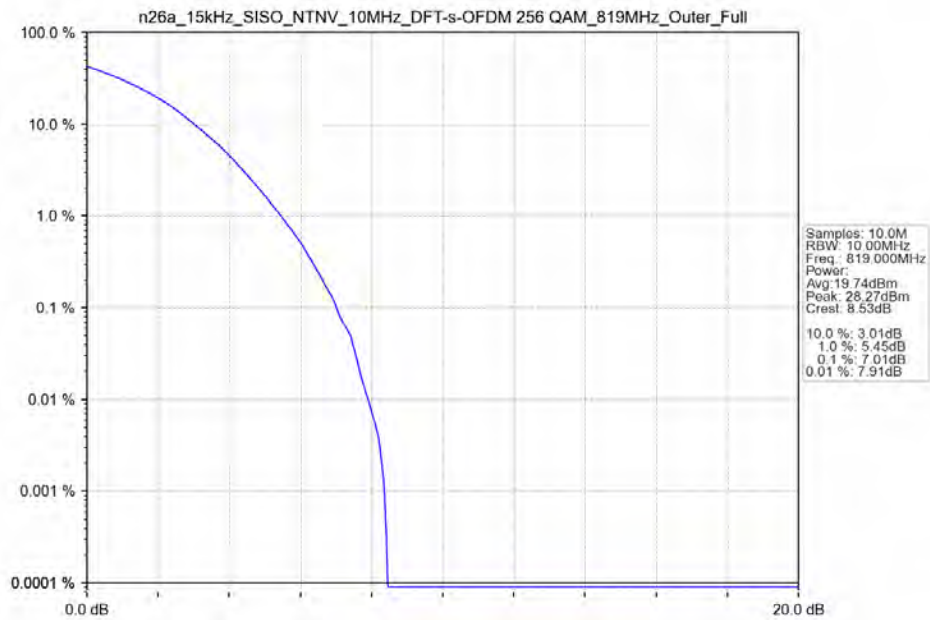
n26a 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 819MHz Outer Full Ant31



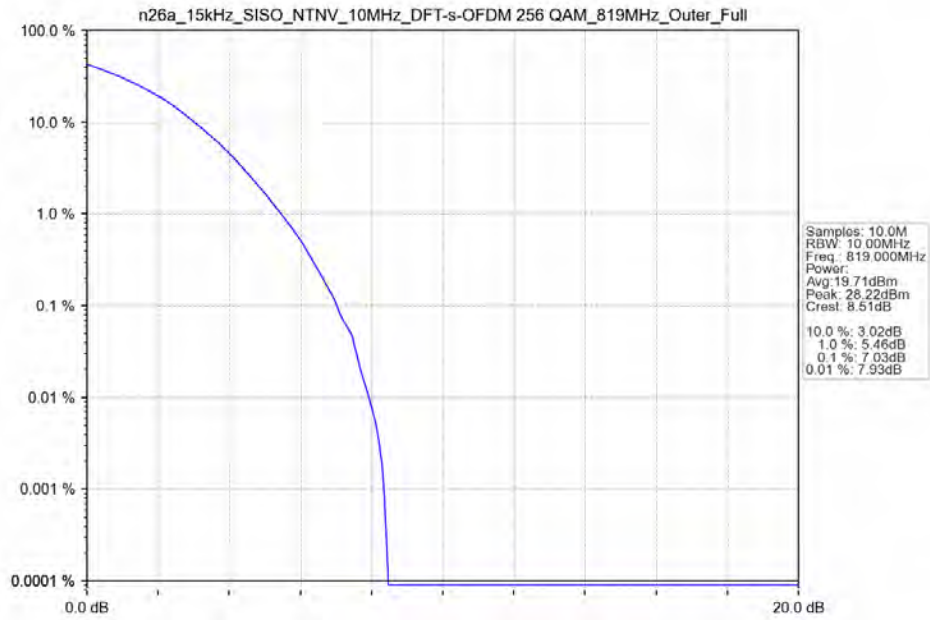
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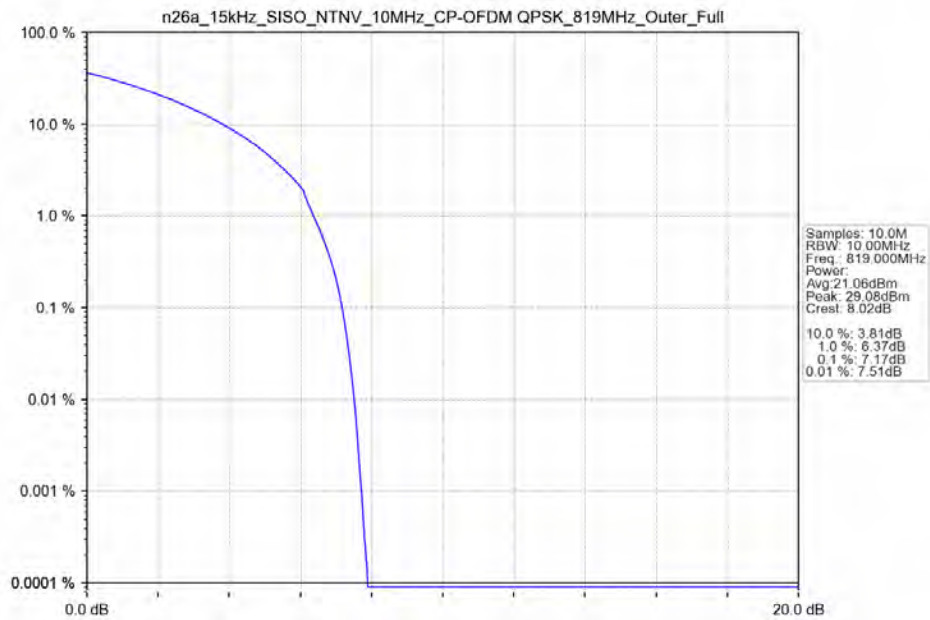
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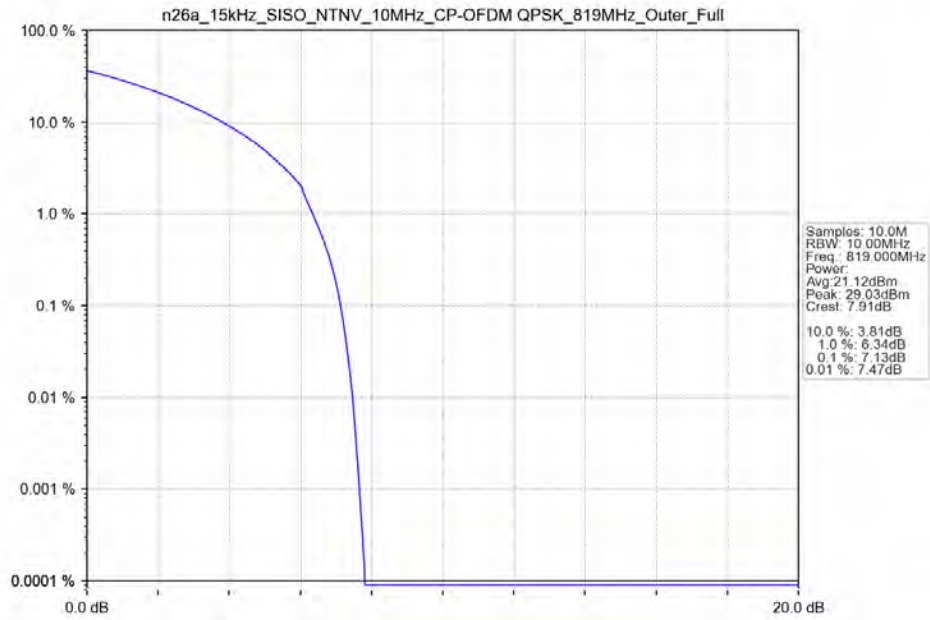
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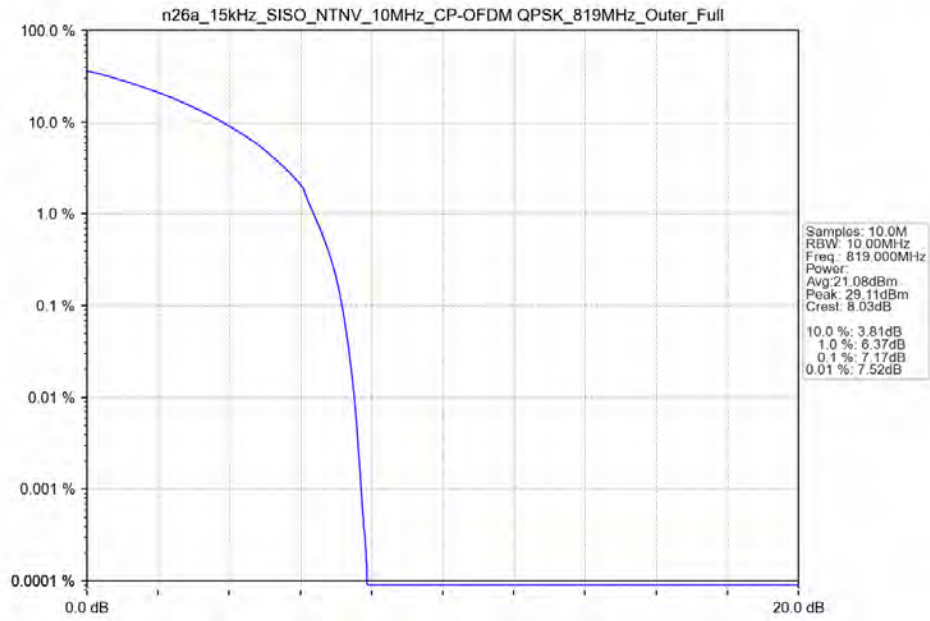
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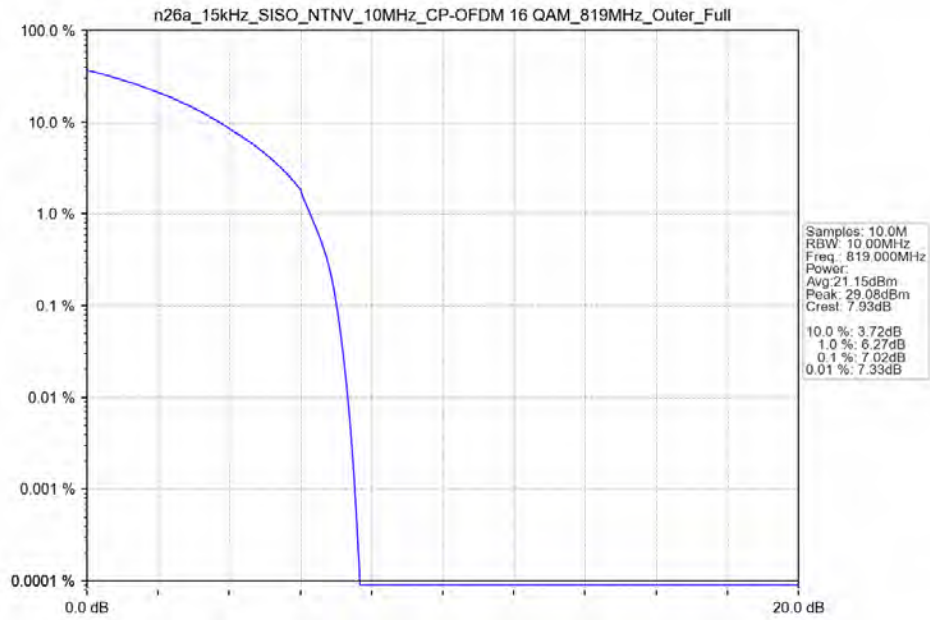
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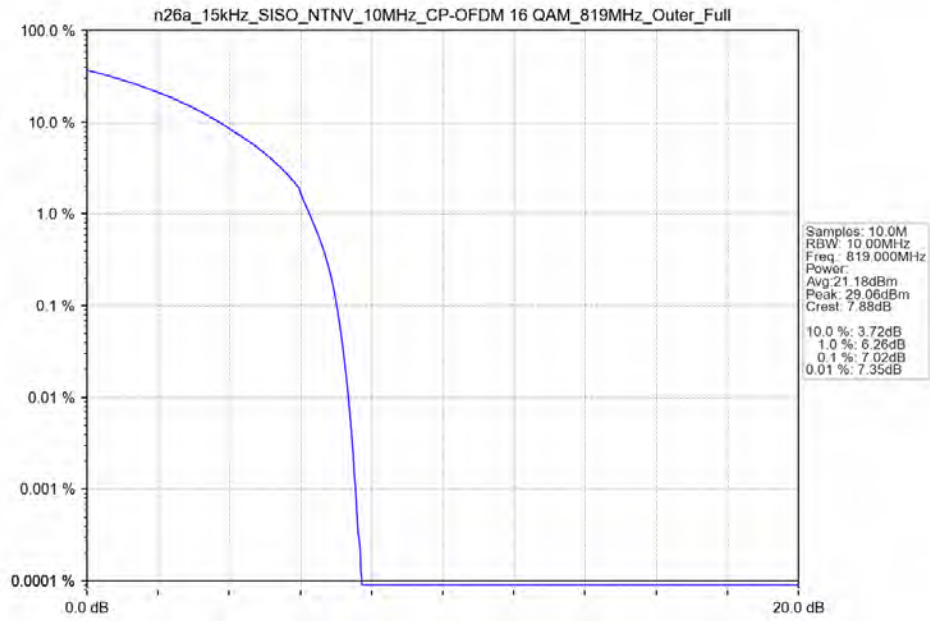
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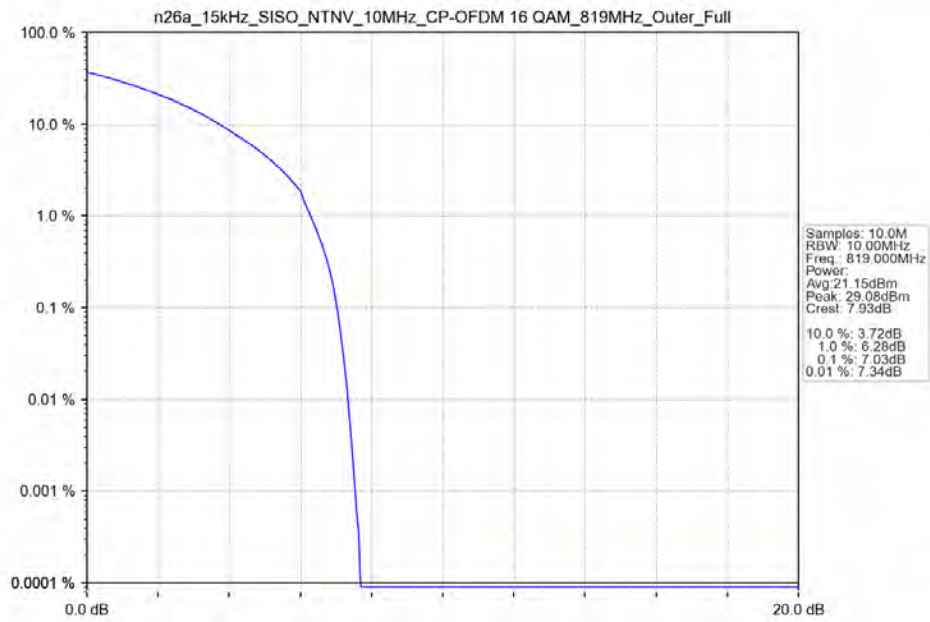
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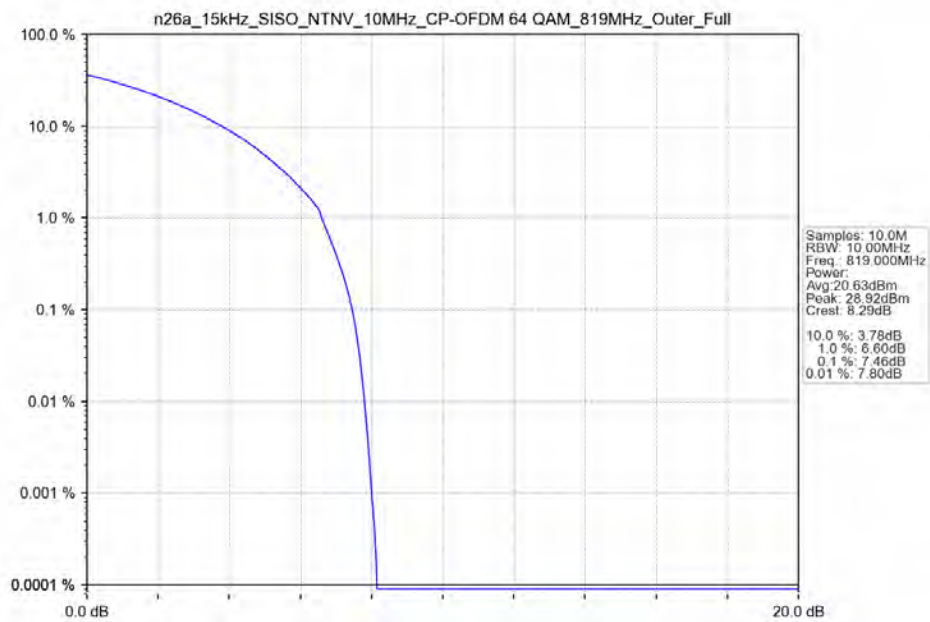
n26a 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 819MHz Outer Full Ant31



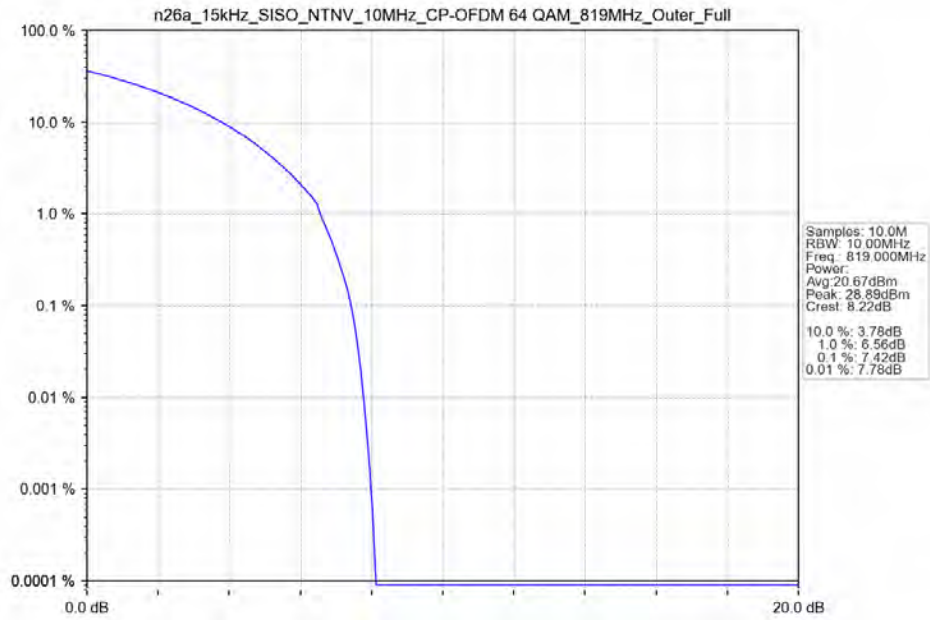
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 819MHz_Outer_Full_Ant31



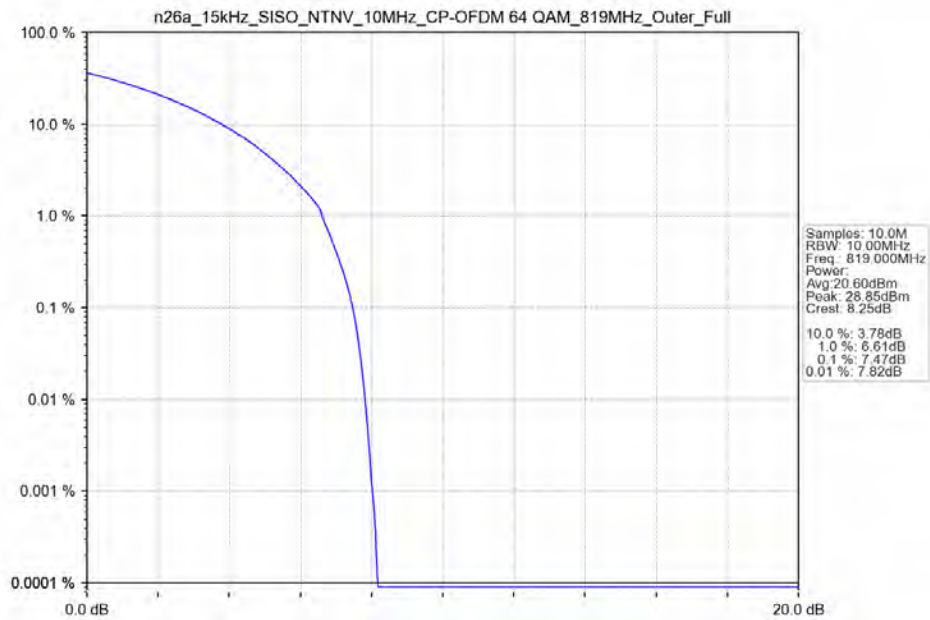
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 819MHz_Outer_Full_Ant31



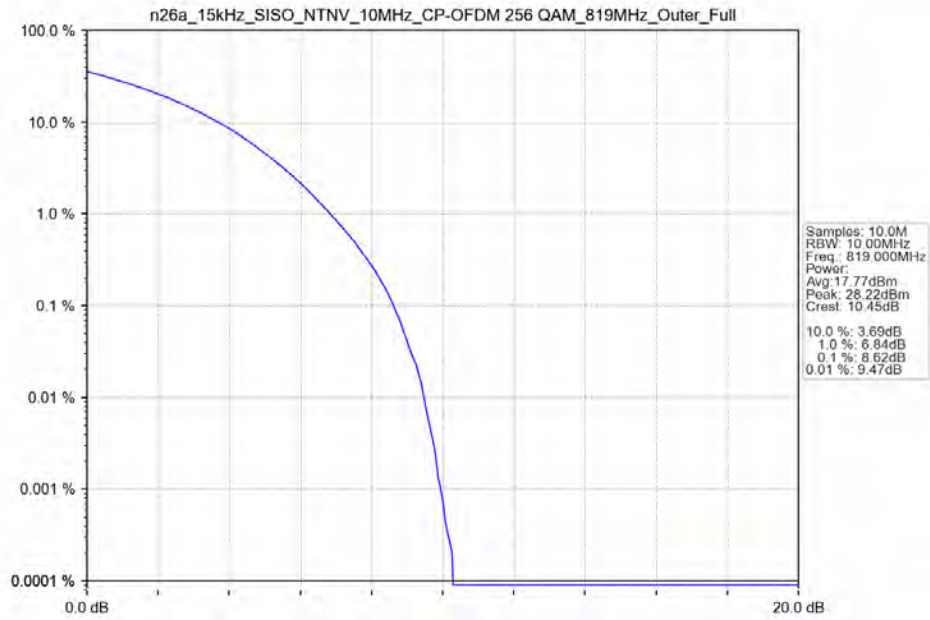
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_819MHz_Outer_Full_Ant31



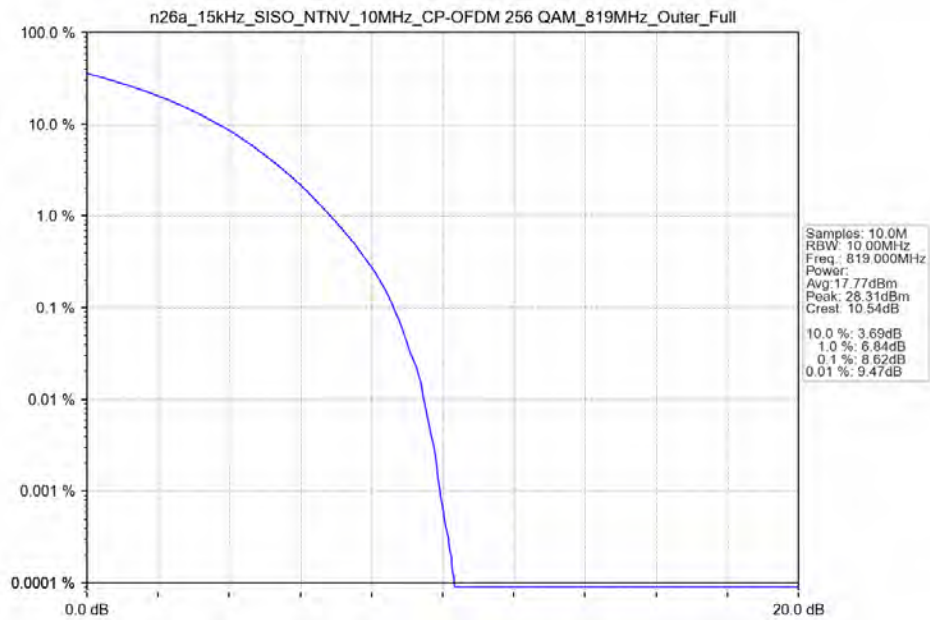
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_819MHz_Outer_Full_Ant31



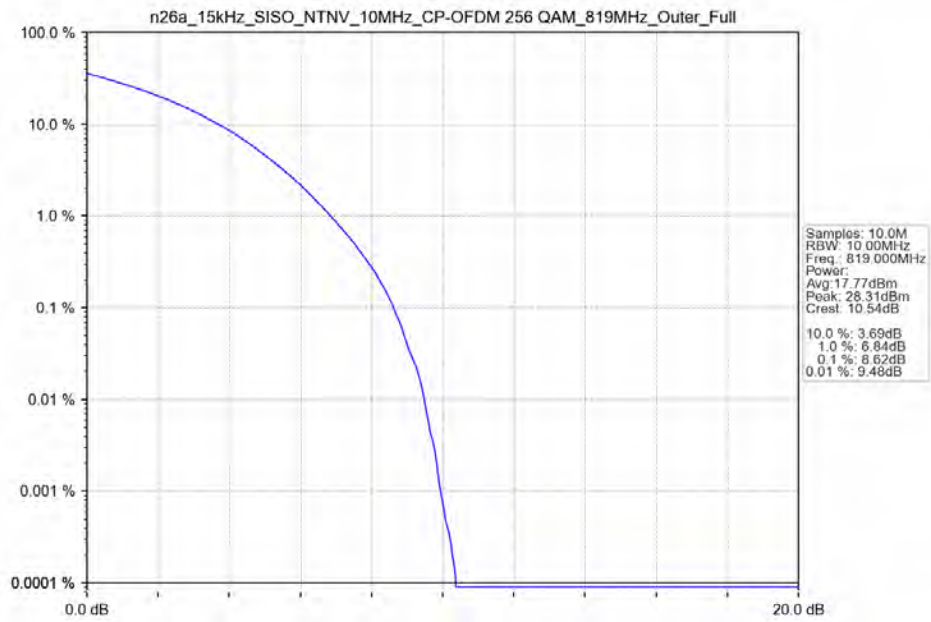
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_819MHz_Outer_Full_Ant31



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_819MHz_Outer_Full_Ant31



n26a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 819MHz Outer Full Ant31



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

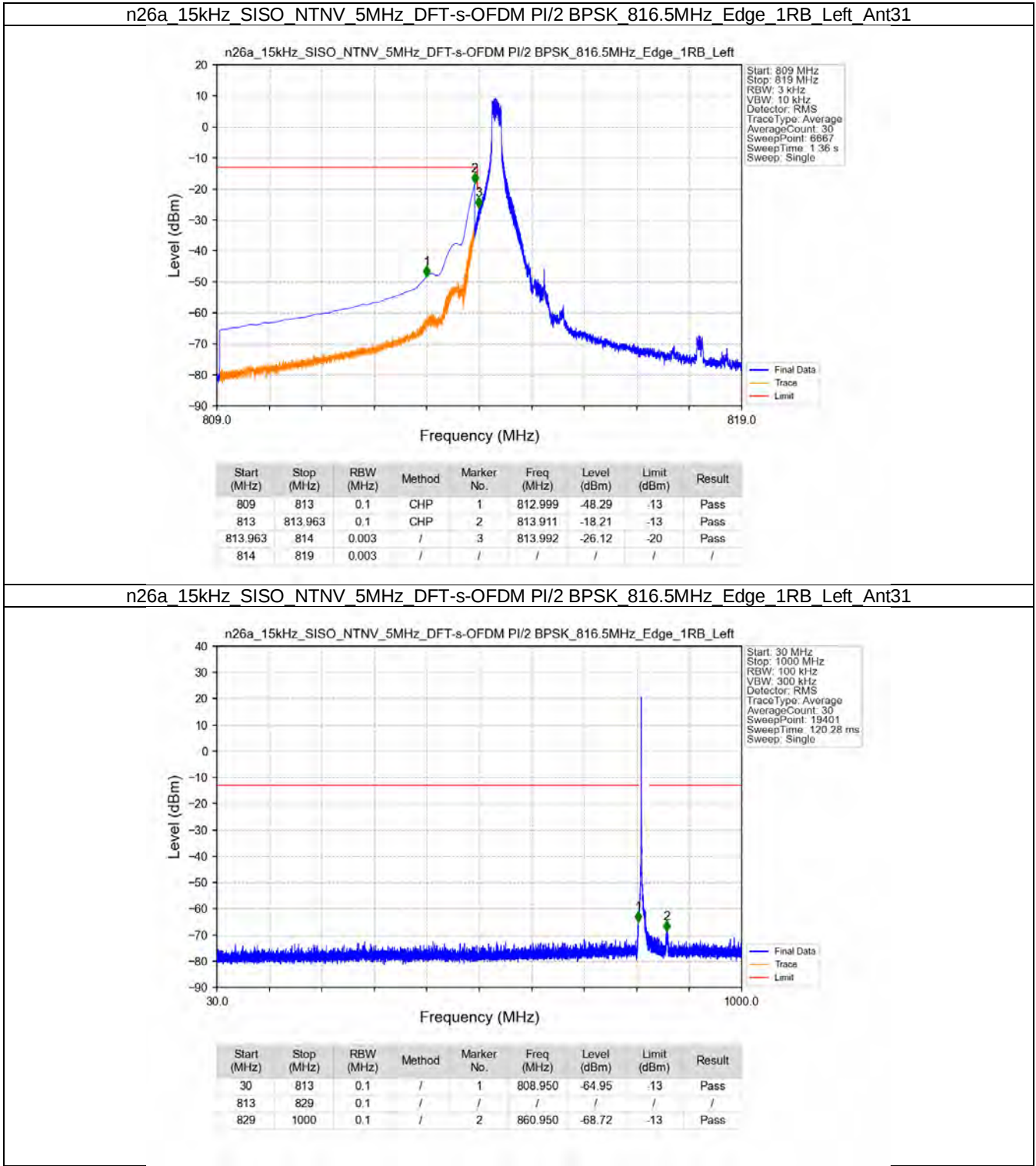
5G NR n26a SCS=15kHz SISO 5MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant31	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	816.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	819	Edge_1RB_Left	Refer To Test Graph				Pass	
		821.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	
	DFT-s-OFDM QPSK	816.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
819		Edge_1RB_Left	Refer To Test Graph				Pass	
		821.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right			Refer To Test Graph				Pass	
CP-OFDM QPSK	816.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	819	Edge_1RB_Left	Refer To Test Graph				Pass	
		821.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	

5.1.2 15k_SISO_10MHz_NTNV

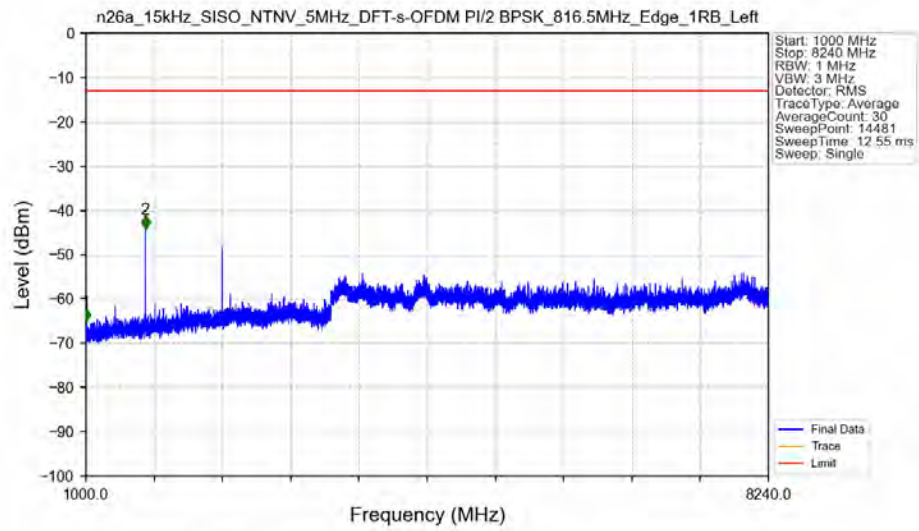
5G NR n26a SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	819	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	819	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	819	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

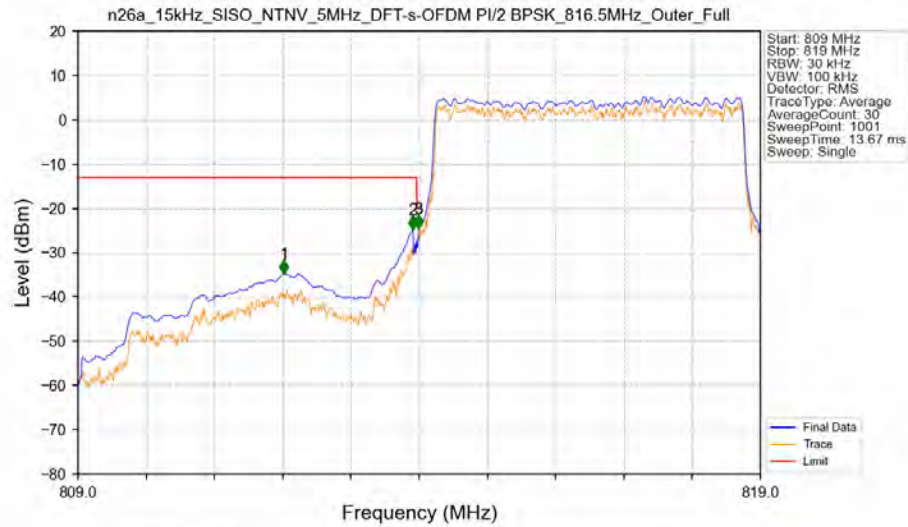


n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_816.5MHz_Edge_1RB_Left_Ant31



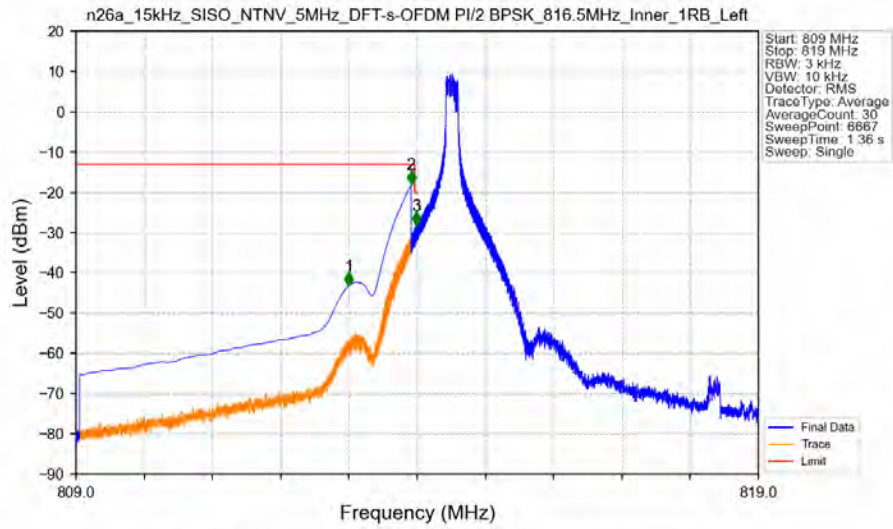
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-65.23	-13	Pass
1000	8240	1	/	2	1629.500	-44.15	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_816.5MHz_Outer_Full_Ant31



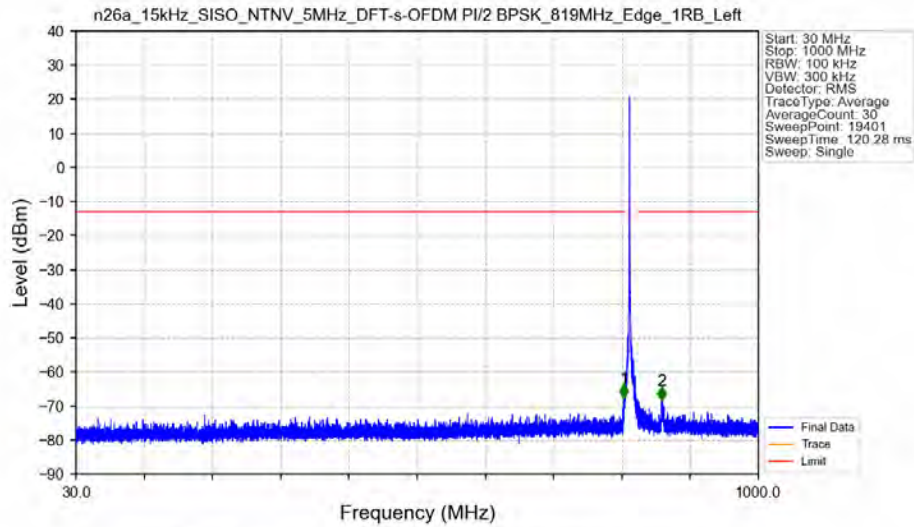
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.020	-34.77	-13	Pass
813	813.963	0.1	CHP	2	813.910	-24.77	-13	Pass
813.963	814	0.05183	CHP	3	813.990	-24.60	-20	Pass
814	819	0.05183	CHP	/	/	/	/	/

n26a 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 816.5MHz Inner 1RB Left Ant31



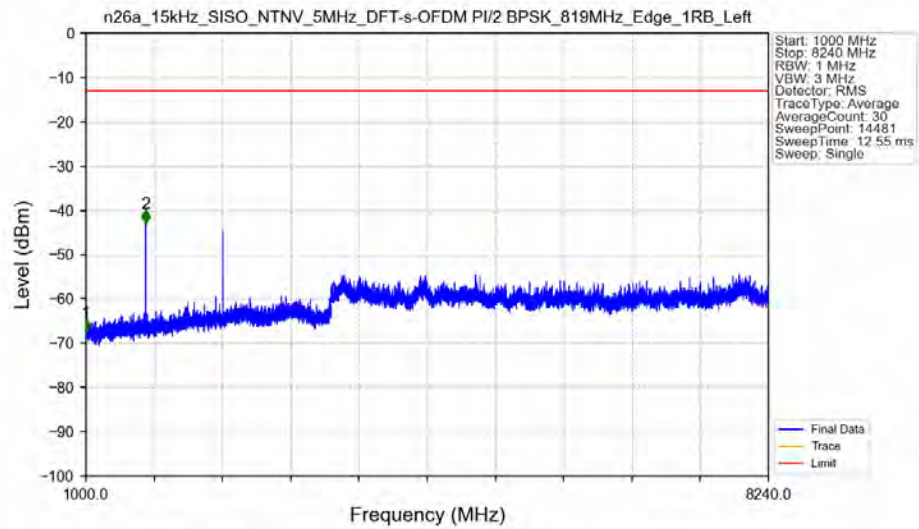
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.999	-43.27	-13	Pass
813	813.963	0.1	CHP	2	813.911	-18.02	-13	Pass
813.963	814	0.003	/	3	813.988	-28.26	-20	Pass
814	819	0.003	/	/	/	/	/	/

n26a 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 819MHz Edge 1RB Left Ant31



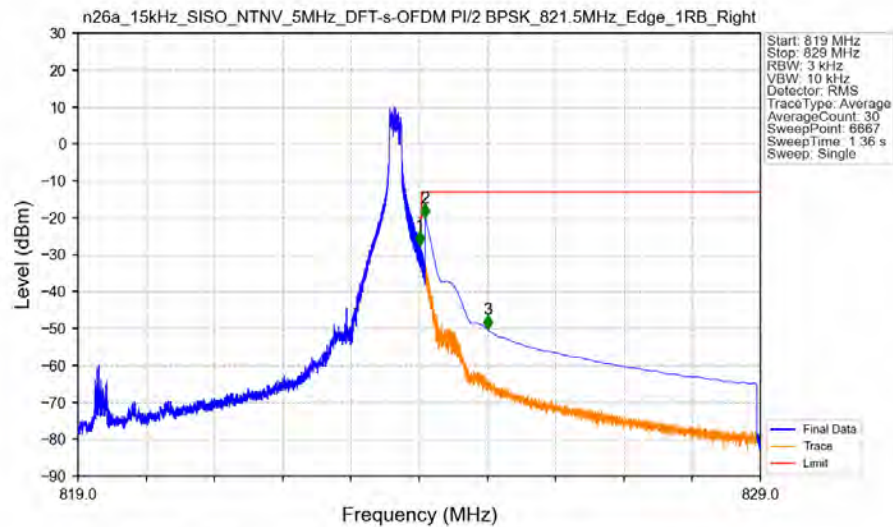
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.850	-67.61	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	862.650	-68.29	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Left_Ant31



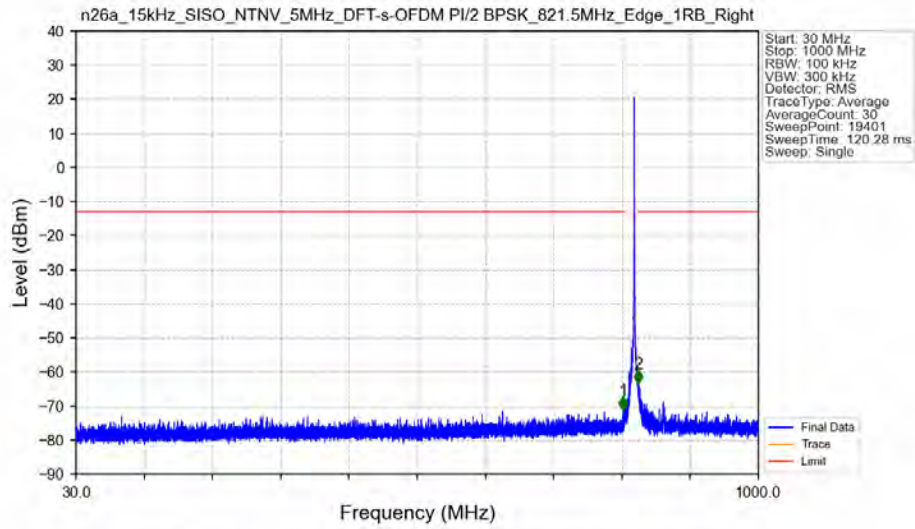
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-67.50	-13	Pass
1000	8240	1	/	2	1634.500	-42.85	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Edge_1RB_Right_Ant31

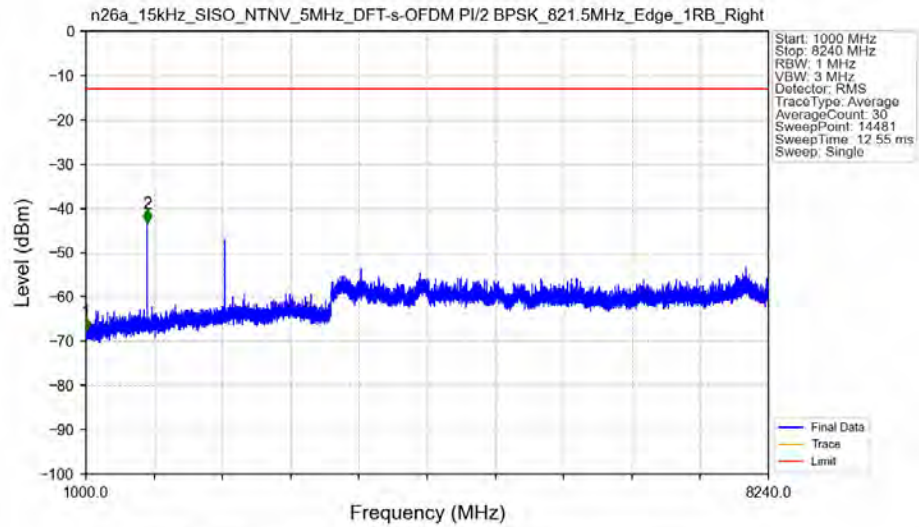


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.006	-27.32	-20	Pass
824.038	825	0.1	CHP	2	824.089	-20.04	-13	Pass
825	829	0.1	CHP	3	825.001	-50.22	-13	Pass

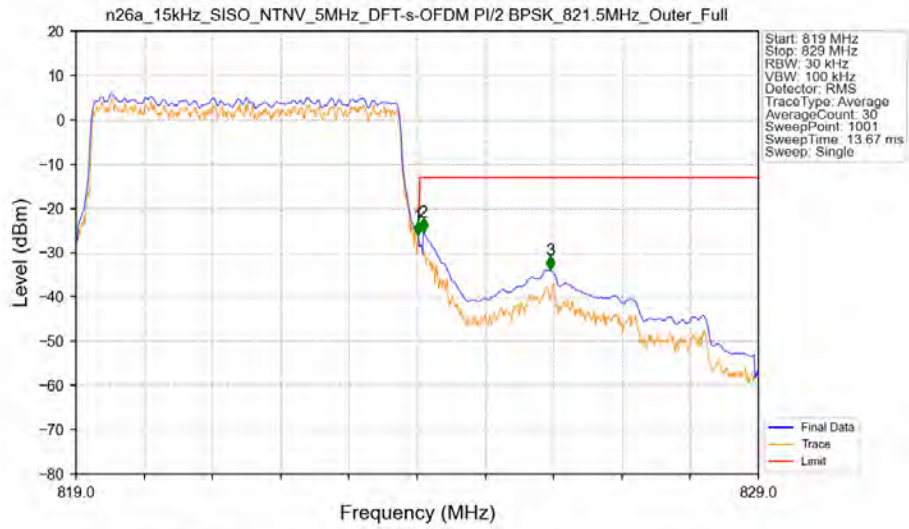
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Edge_1RB_Right_Ant31



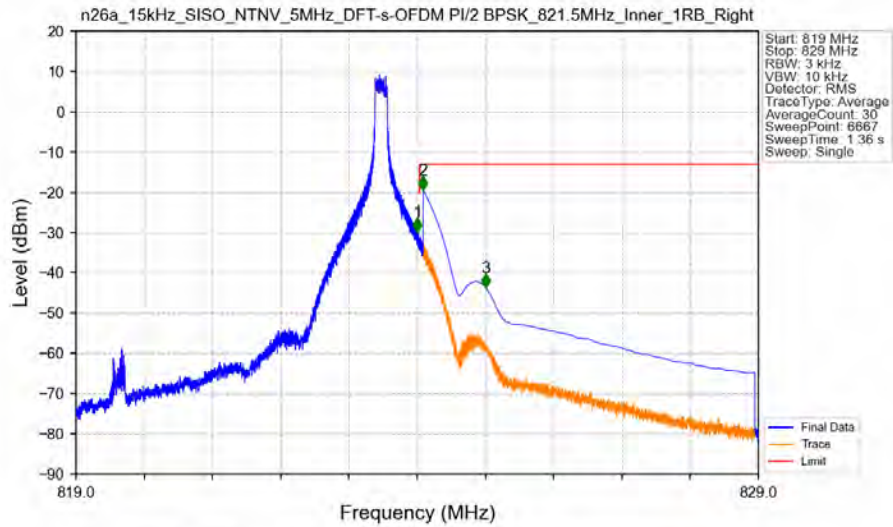
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Edge_1RB_Right_Ant31



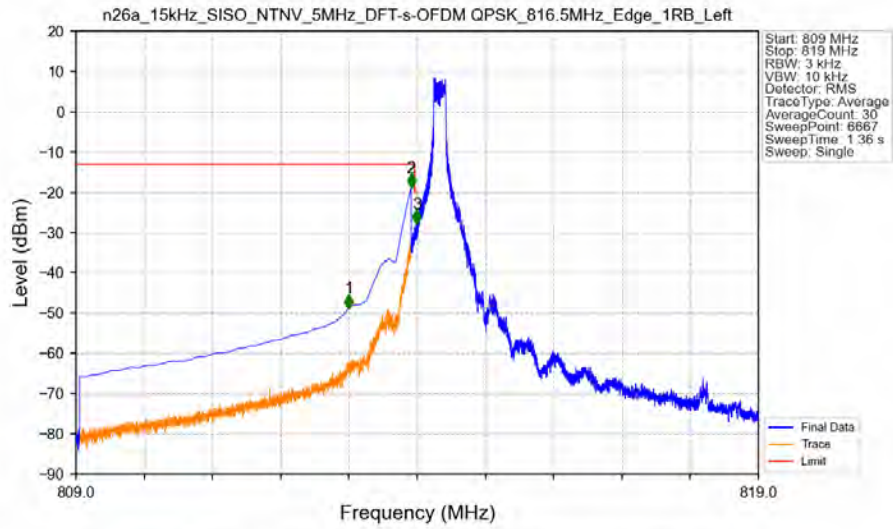
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Outer_Full_Ant31



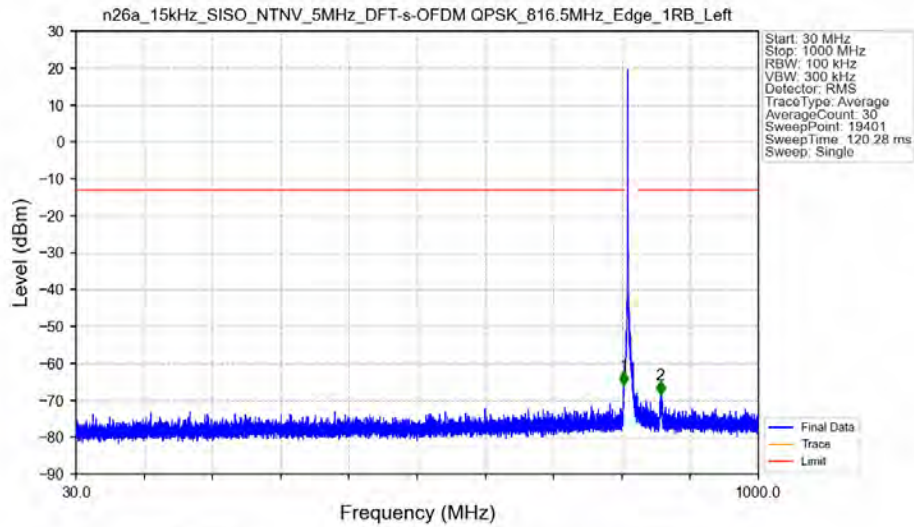
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Inner_1RB_Right_Ant31



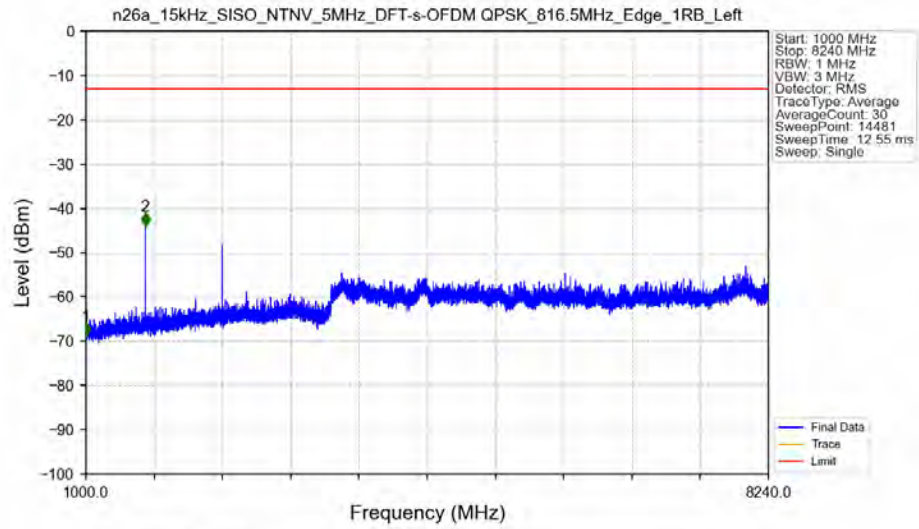
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant31



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant31

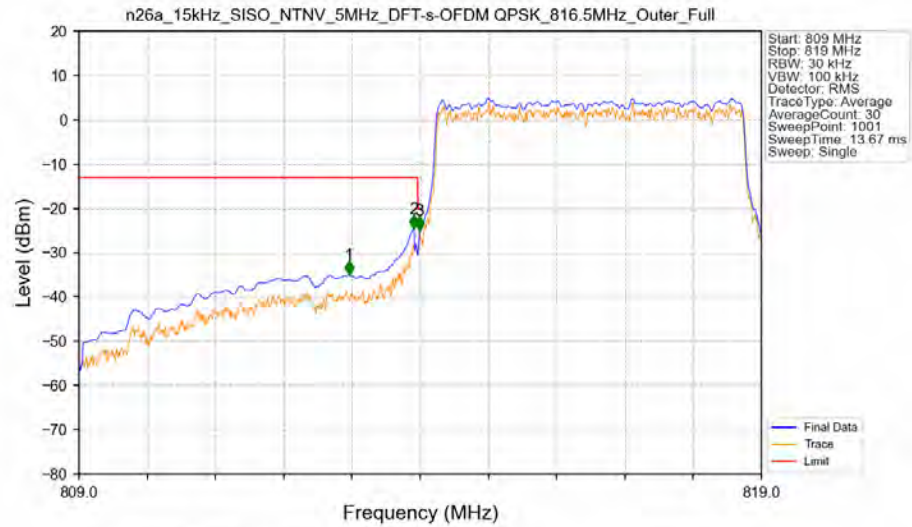


n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant31



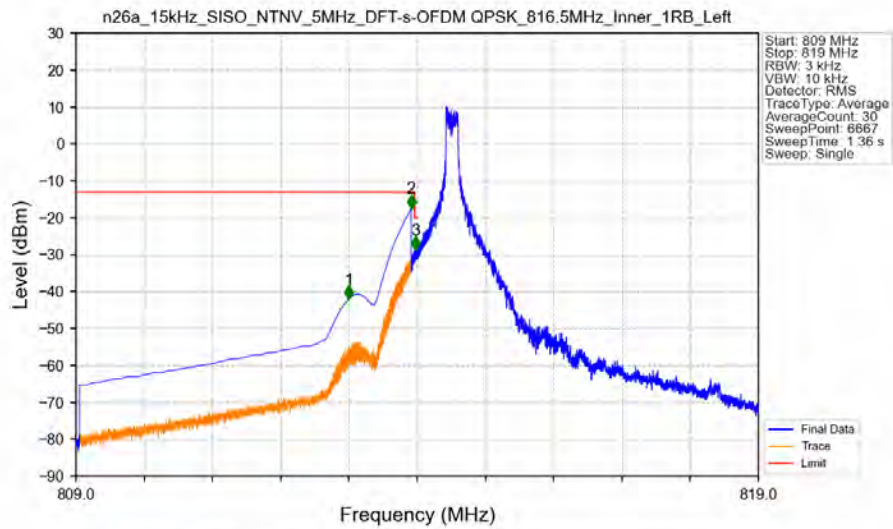
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-68.71	-13	Pass
1000	8240	1	/	2	1629.500	-44.01	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Outer_Full_Ant31



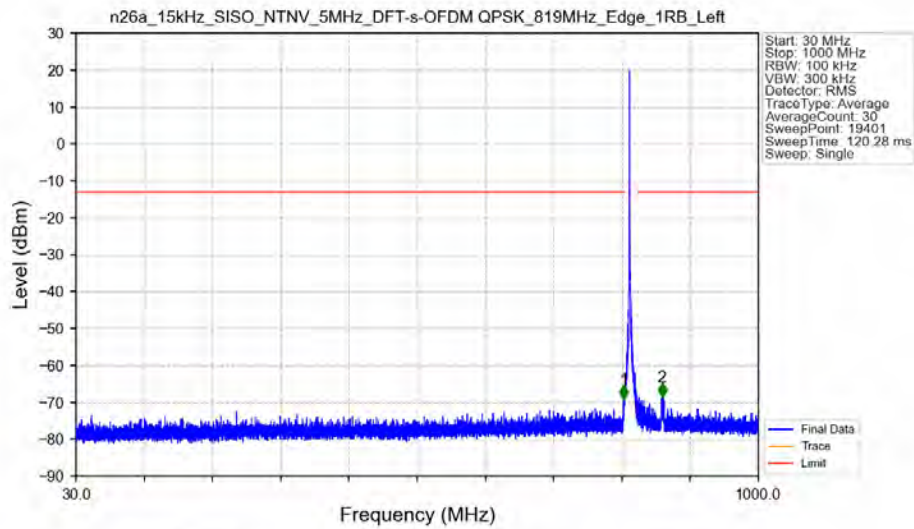
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.960	-35.04	-13	Pass
813	813.963	0.1	CHP	2	813.910	-24.57	-13	Pass
813.963	814	0.05357	CHP	3	813.990	-24.96	-20	Pass
814	819	0.05357	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Inner_1RB_Left_Ant31



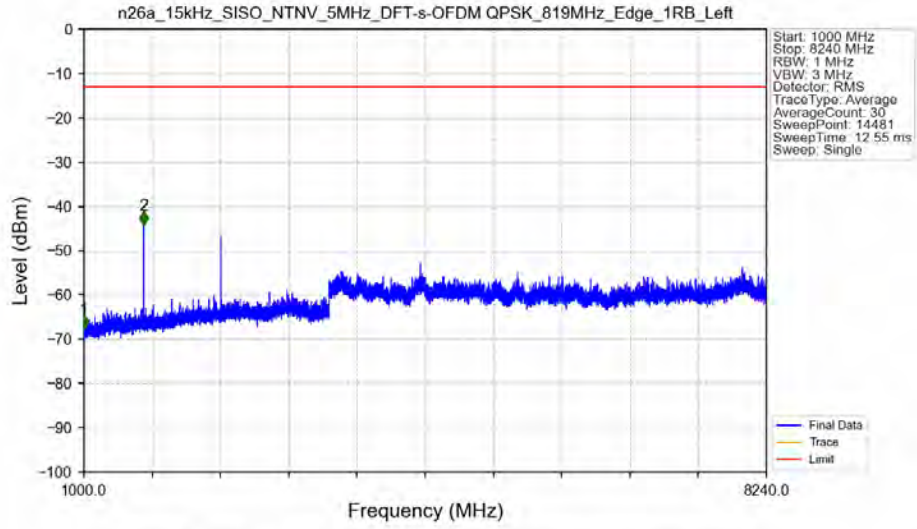
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.999	-42.02	-13	Pass
813	813.963	0.1	CHP	2	813.911	-17.48	-13	Pass
813.963	814	0.003	/	3	813.971	-28.69	-20	Pass
814	819	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31

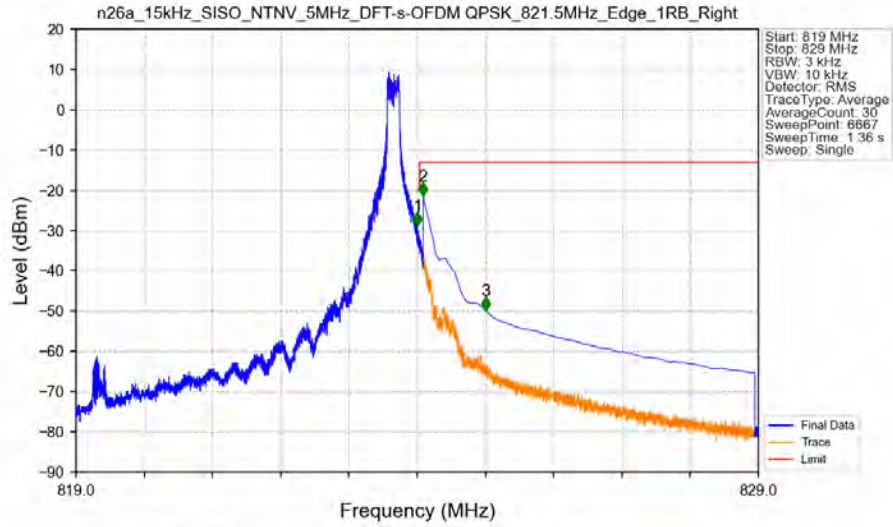


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.750	-69.22	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	863.050	-68.58	-13	Pass

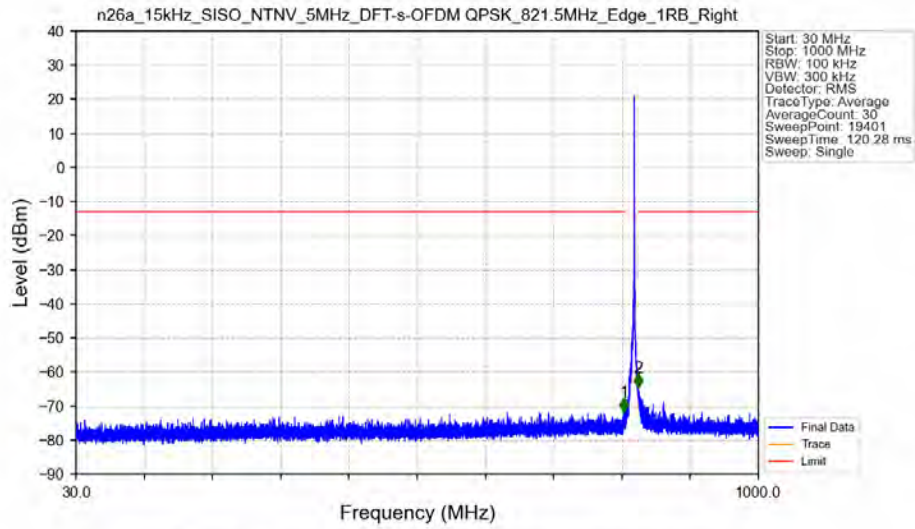
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



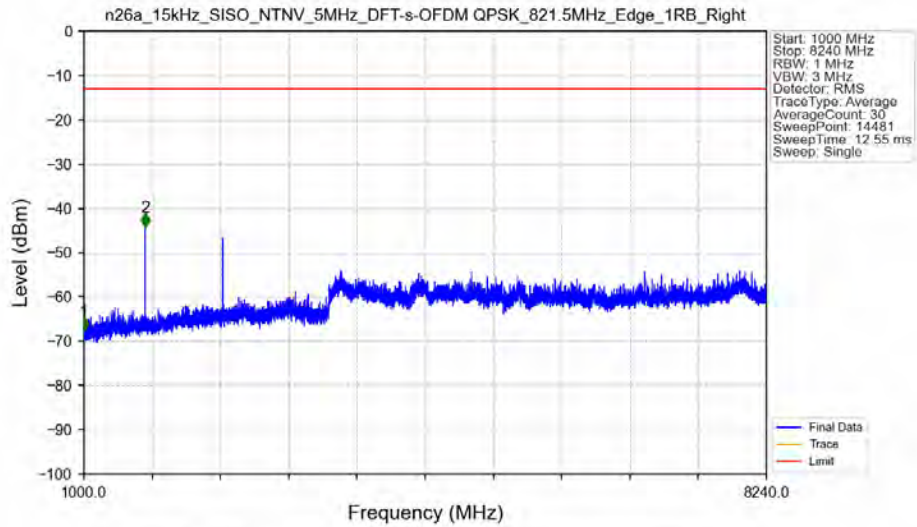
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant31



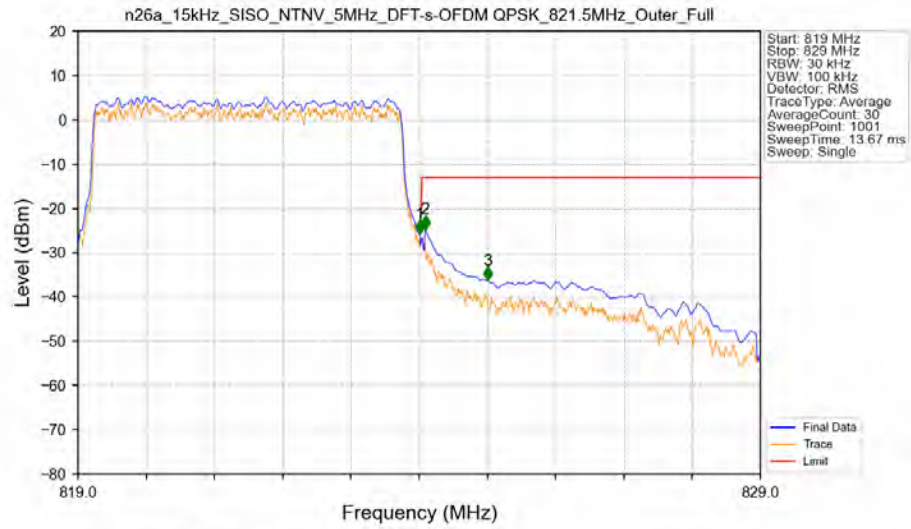
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant31



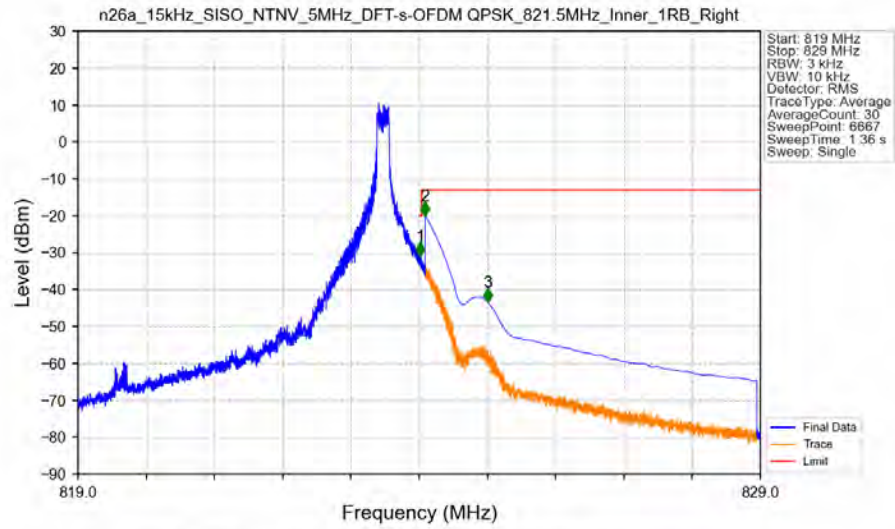
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant31



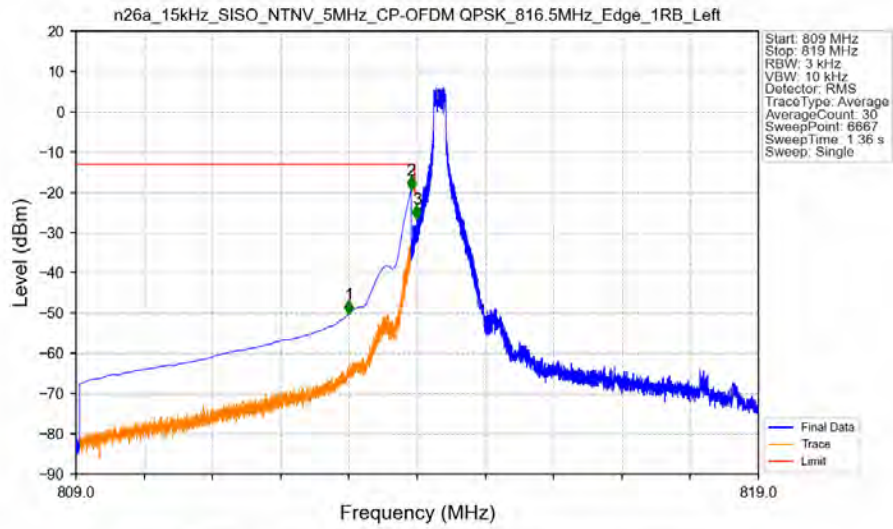
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Outer_Full_Ant31



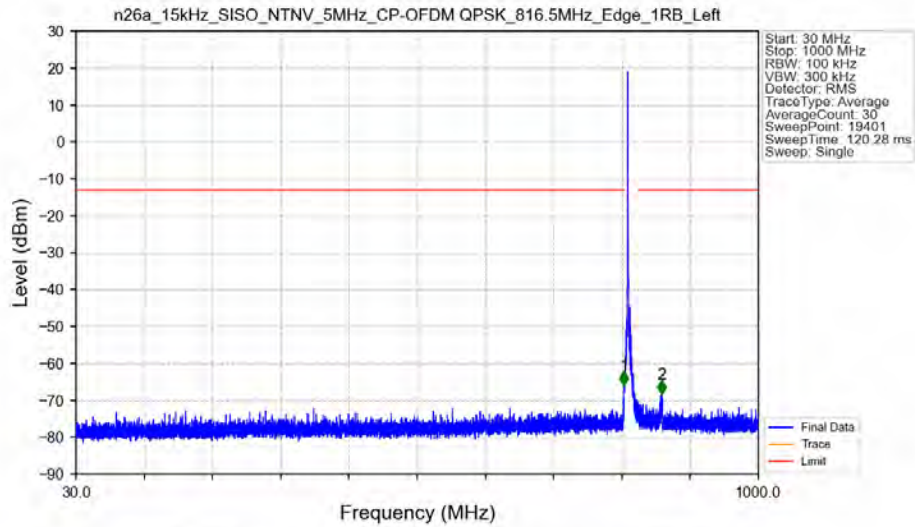
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Inner_1RB_Right_Ant31



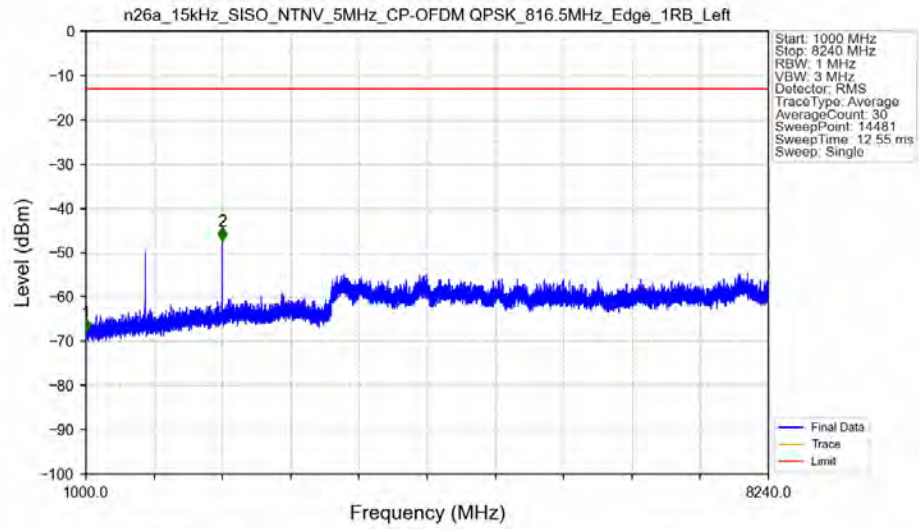
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant31



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant31

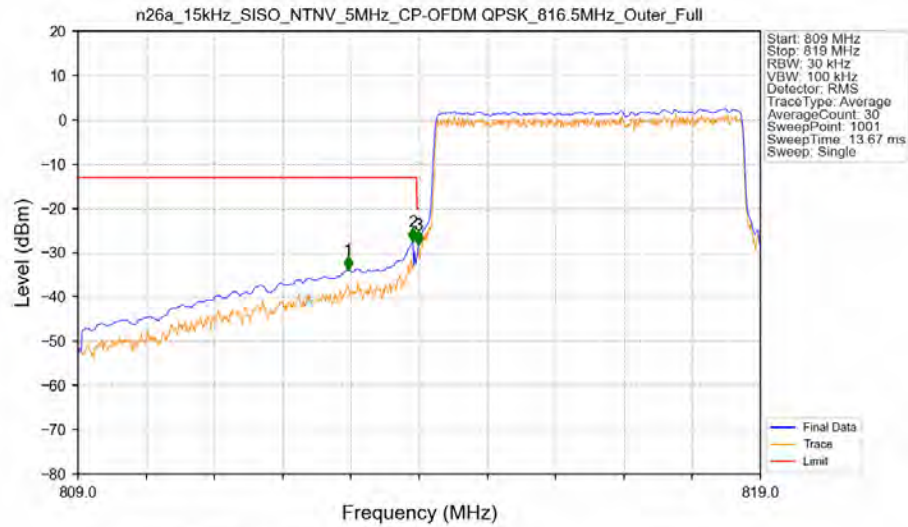


n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant31



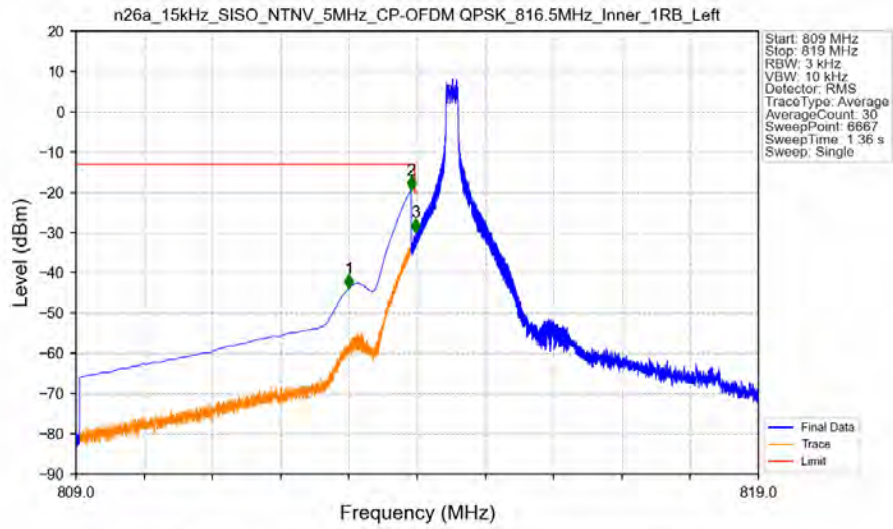
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-67.91	-13	Pass
1000	8240	1	/	2	2444.000	-47.23	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Outer_Full_Ant31



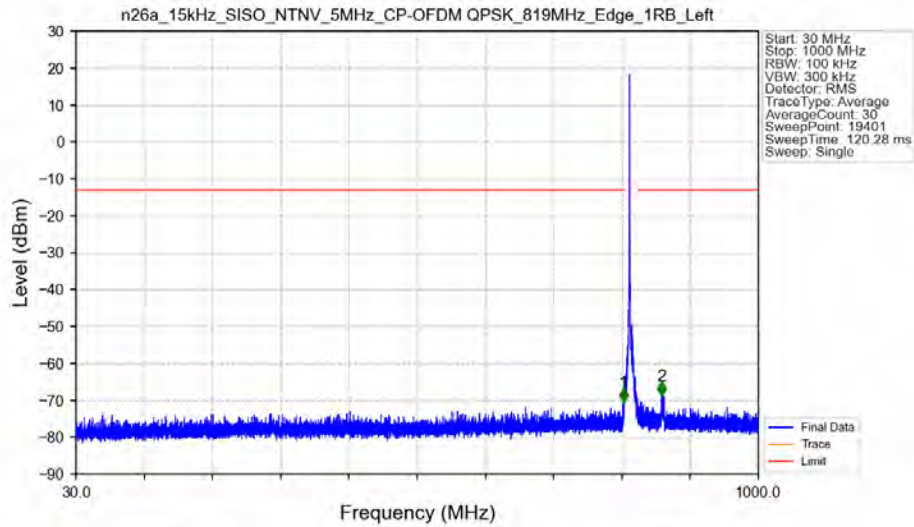
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.960	-33.94	-13	Pass
813	813.963	0.1	CHP	2	813.910	-27.52	-13	Pass
813.963	814	0.05314	CHP	3	813.990	-28.18	-20	Pass
814	819	0.05314	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Inner_1RB_Left_Ant31



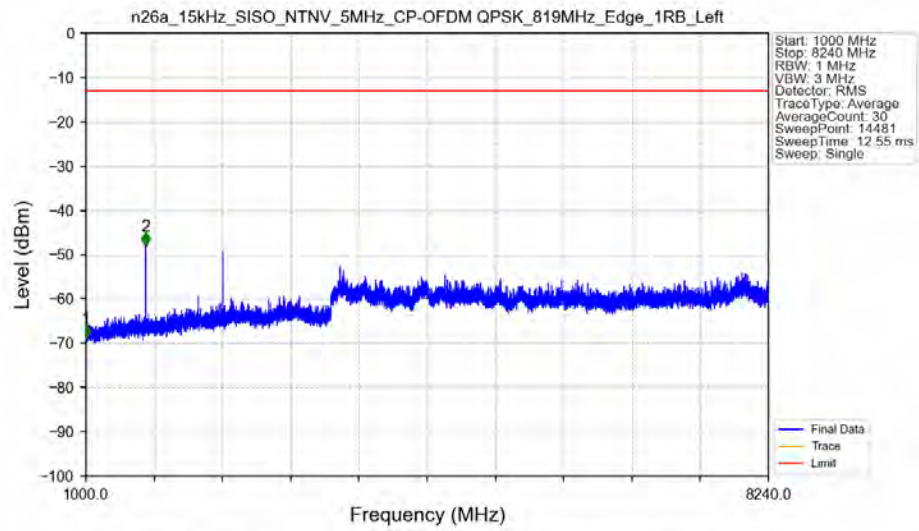
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.998	-43.95	-13	Pass
813	813.963	0.1	CHP	2	813.911	-19.34	-13	Pass
813.963	814	0.003	/	3	813.980	-29.93	-20	Pass
814	819	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31

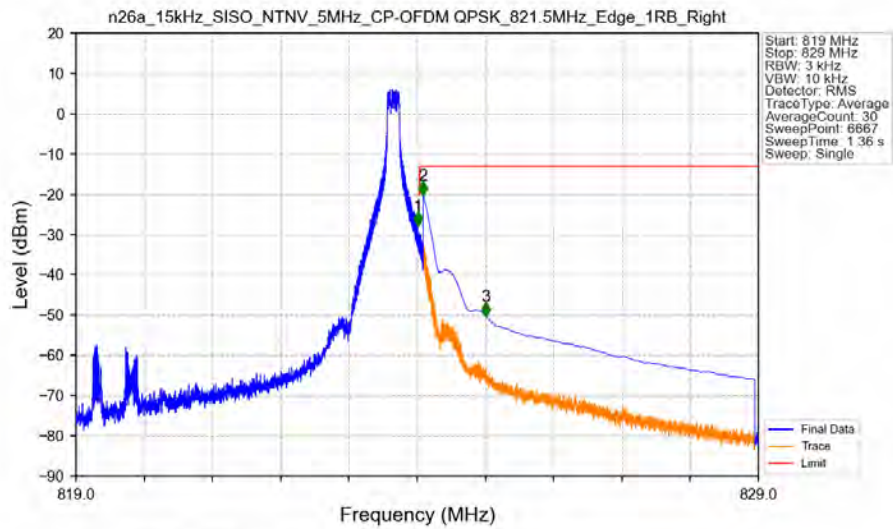


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.550	-70.57	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	862.700	-68.66	-13	Pass

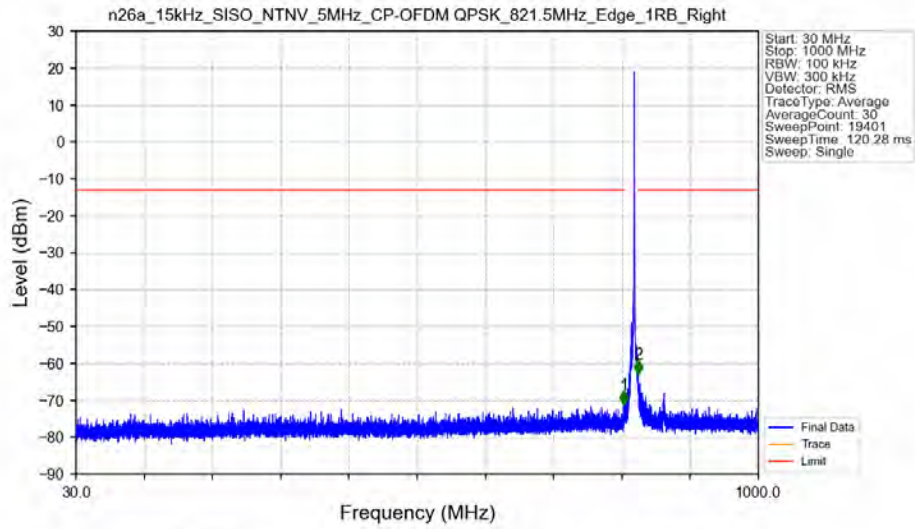
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



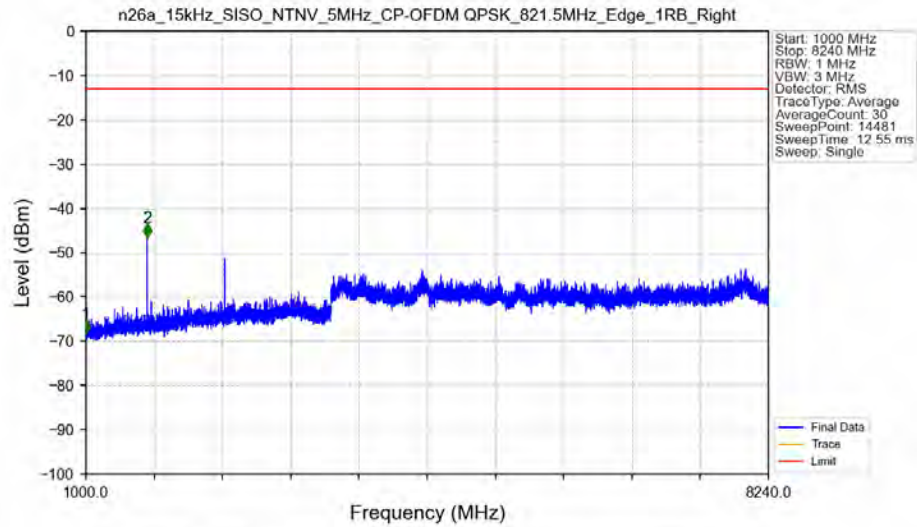
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant31



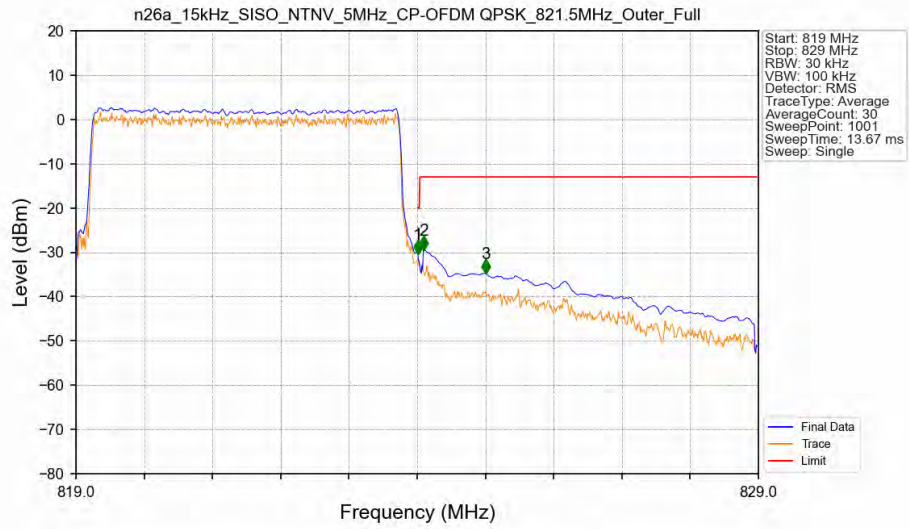
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant31



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant31

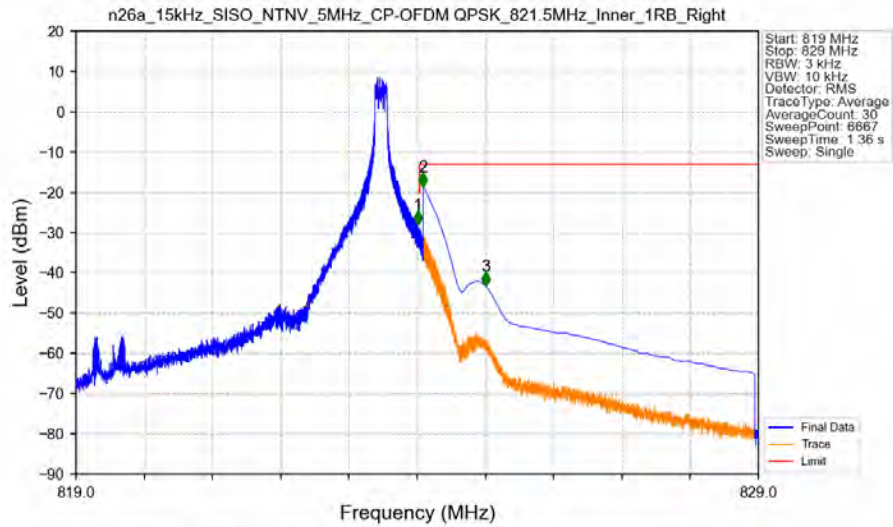


n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Outer_Full_Ant31



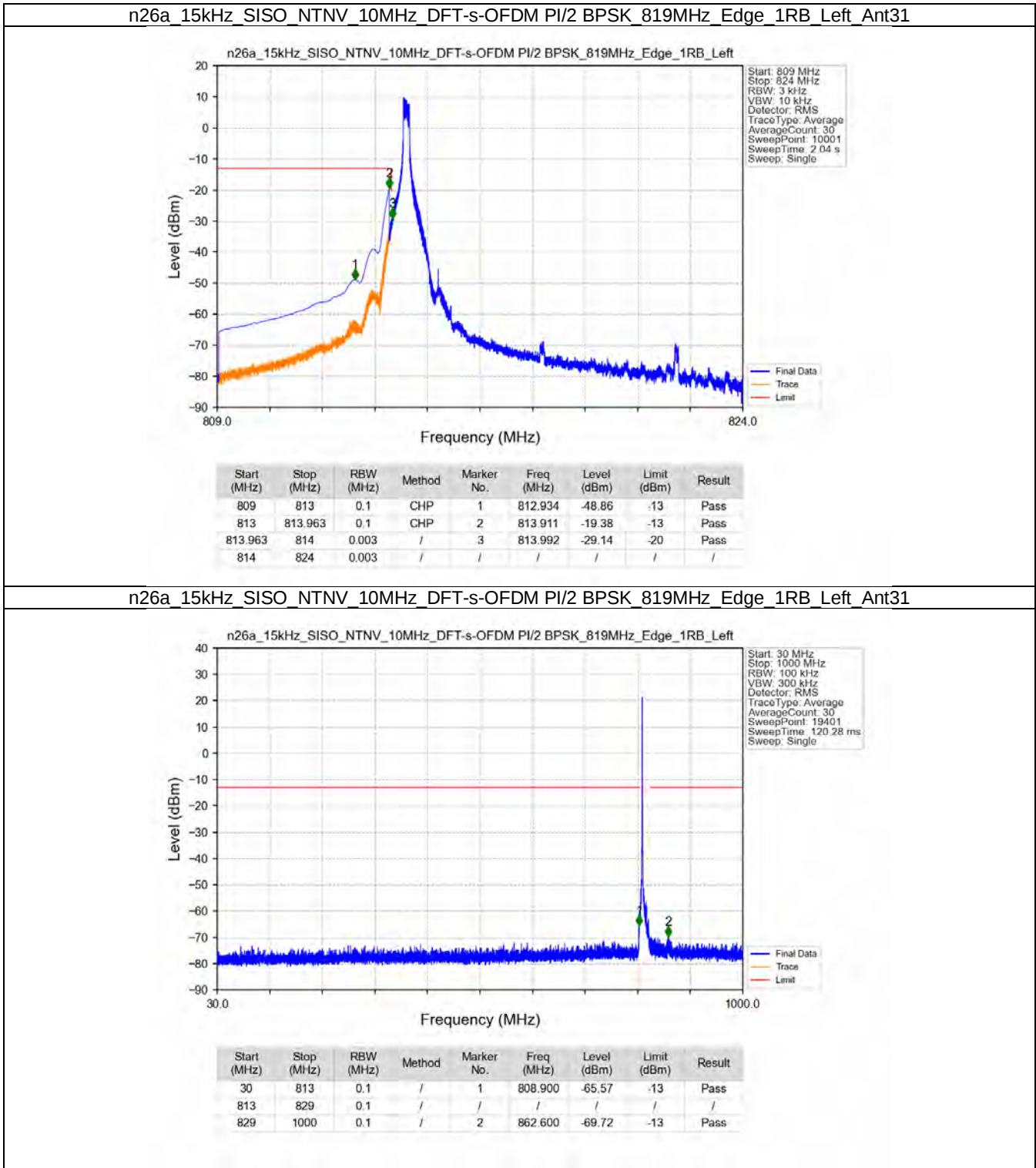
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.05374	CHP	/	/	/	/	/
824	824.038	0.05374	CHP	1	824.010	-30.35	-20	Pass
824.038	825	0.1	CHP	2	824.100	-29.41	-13	Pass
825	829	0.1	CHP	3	825.010	-34.81	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Inner_1RB_Right_Ant31

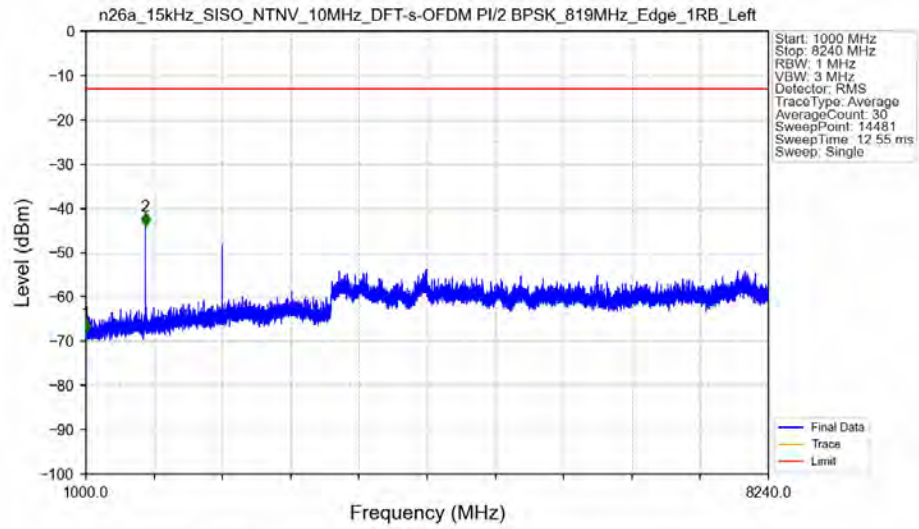


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.008	-28.00	-20	Pass
824.038	825	0.1	CHP	2	824.089	-18.57	-13	Pass
825	829	0.1	CHP	3	825.001	-43.32	-13	Pass

5.2.2 15k_SISO_10MHz_NTNV

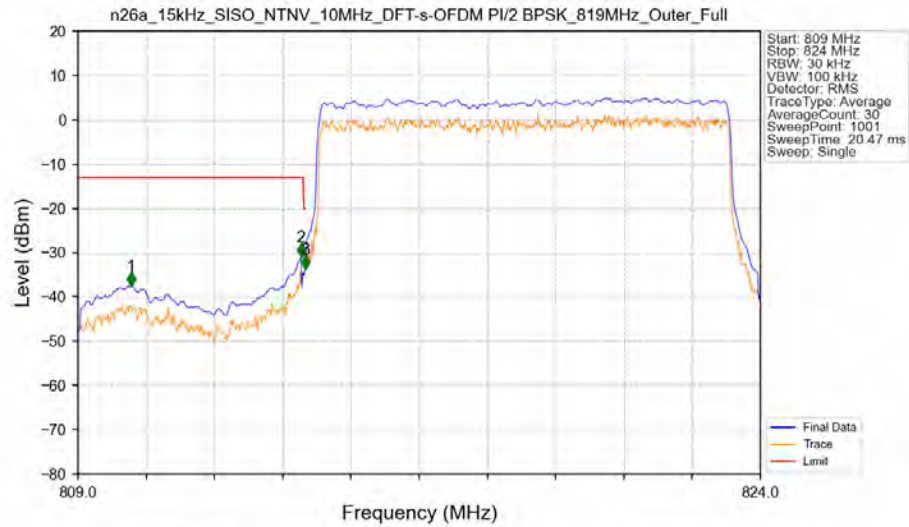


n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Left_Ant31



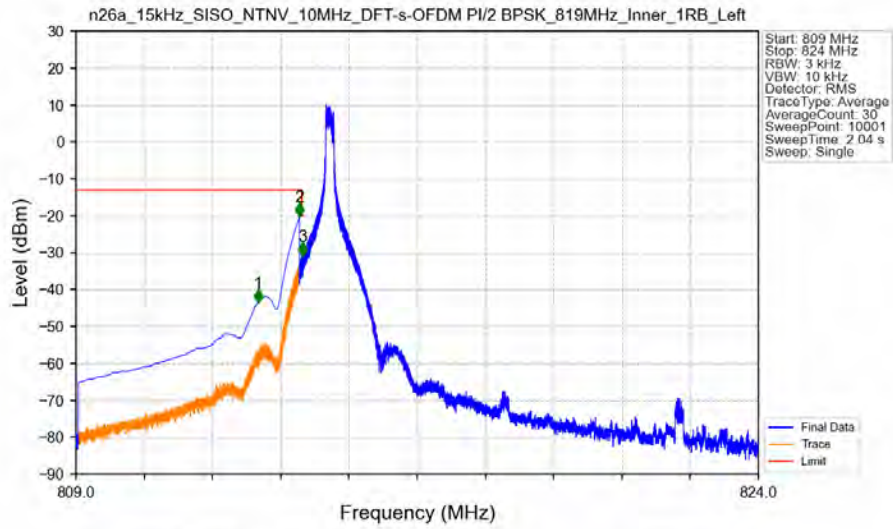
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-68.00	-13	Pass
1000	8240	1	/	2	1629.500	-44.10	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Outer_Full_Ant31



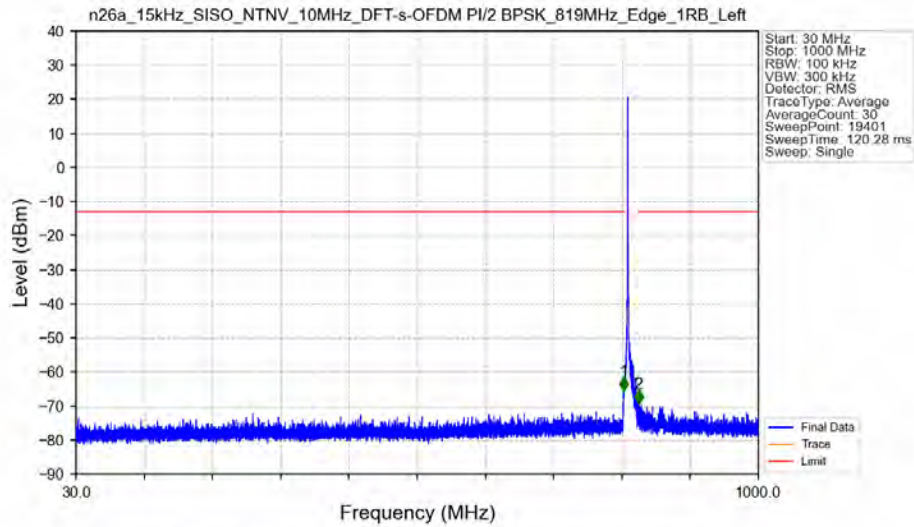
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	810.170	-37.57	-13	Pass
813	813.963	0.1	CHP	2	813.905	-30.95	-13	Pass
813.963	814	0.09945	CHP	3	813.995	-33.66	-20	Pass
814	824	0.09945	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Inner_1RB_Left_Ant31



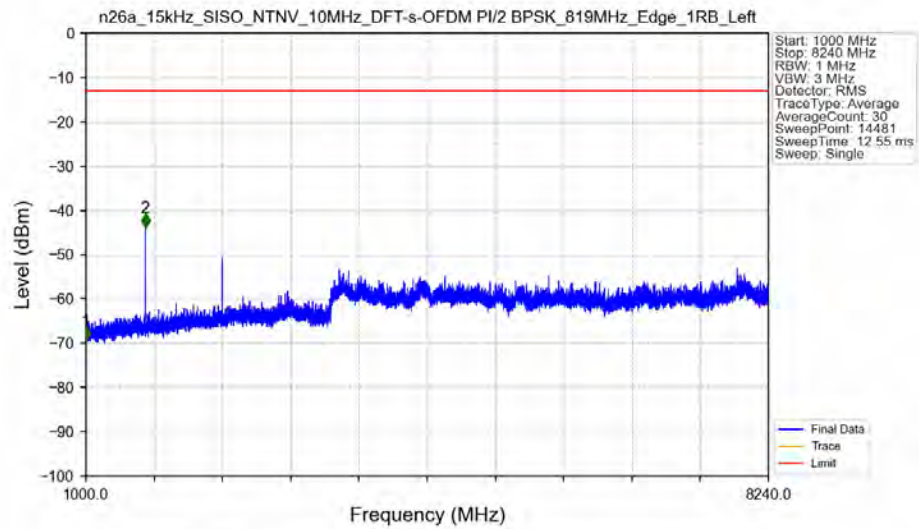
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.999	-43.61	-13	Pass
813	813.963	0.1	CHP	2	813.911	-20.31	-13	Pass
813.963	814	0.003	/	3	813.976	-30.94	-20	Pass
814	824	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Left_Ant31



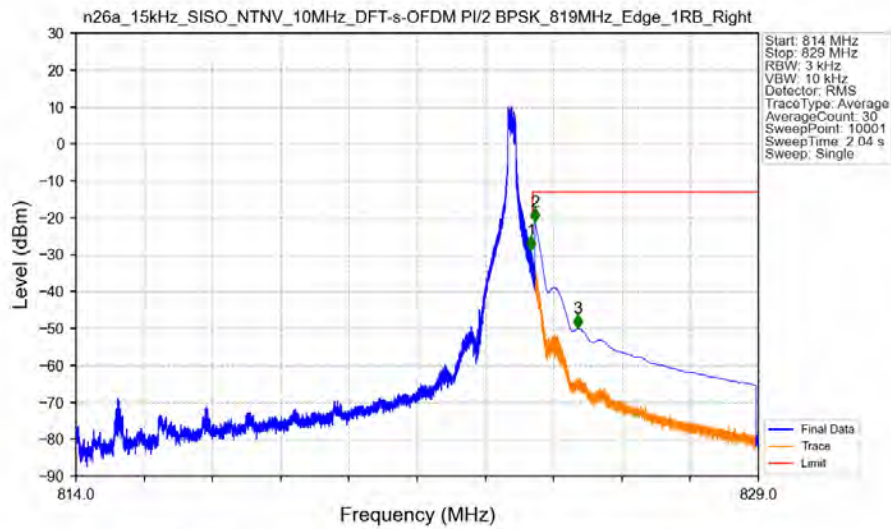
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.900	-65.53	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	829.750	-69.29	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Left_Ant31



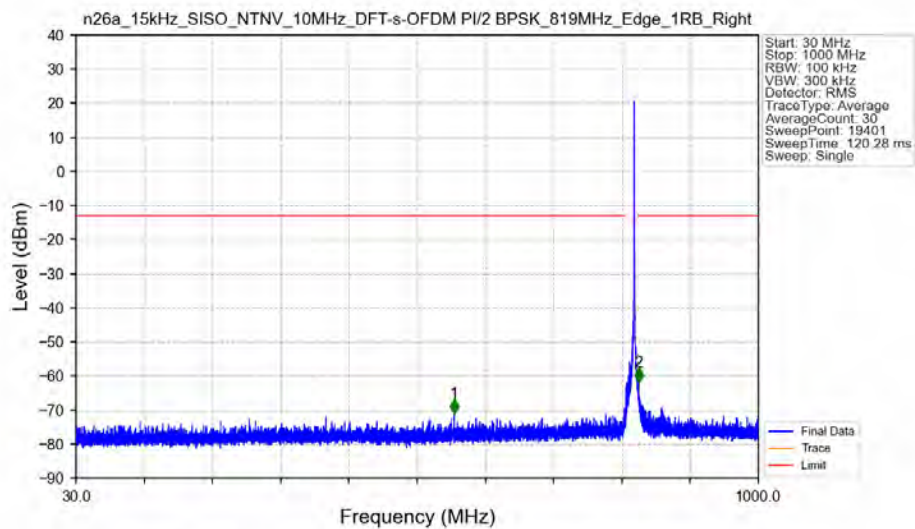
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-69.33	-13	Pass
1000	8240	1	/	2	1629.500	-43.91	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Right_Ant31



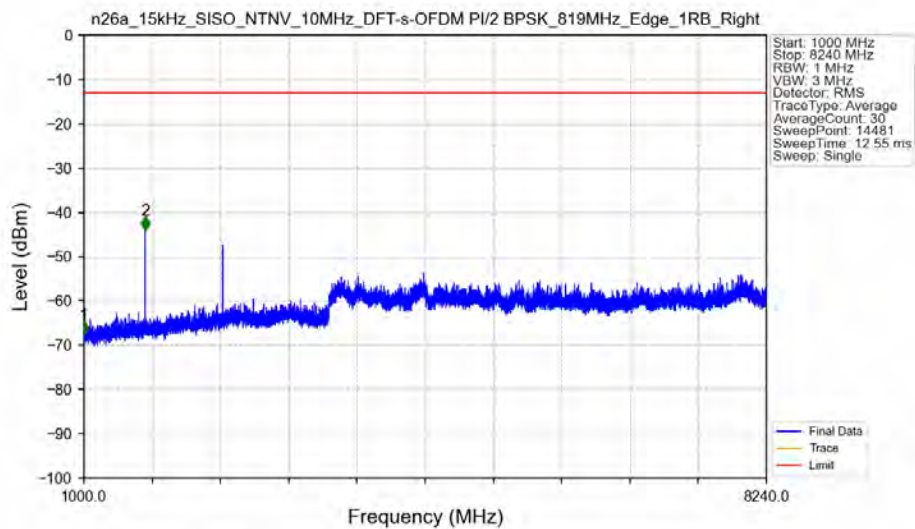
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.006	-28.67	-20	Pass
824.038	825	0.1	CHP	2	824.089	-21.14	-13	Pass
825	829	0.1	CHP	3	825.034	-50.00	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Right_Ant31



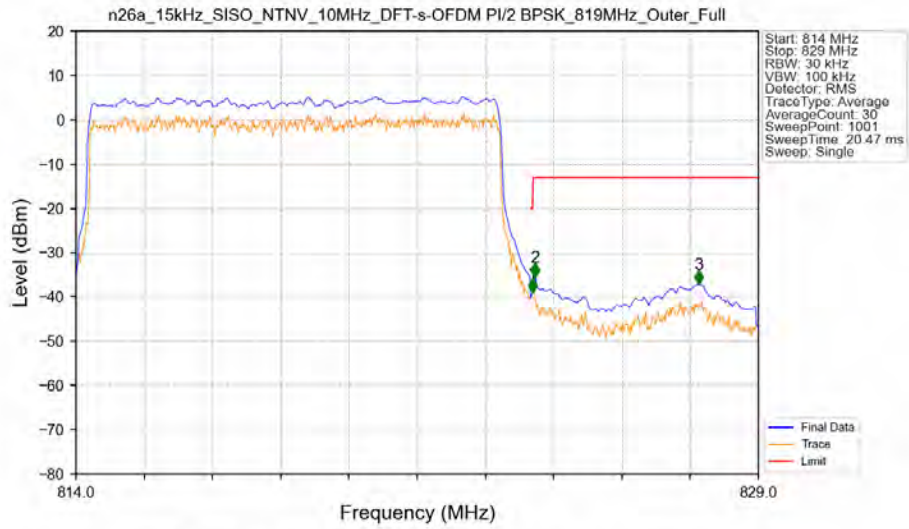
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	567.550	-70.91	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	829.900	-61.81	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Right_Ant31



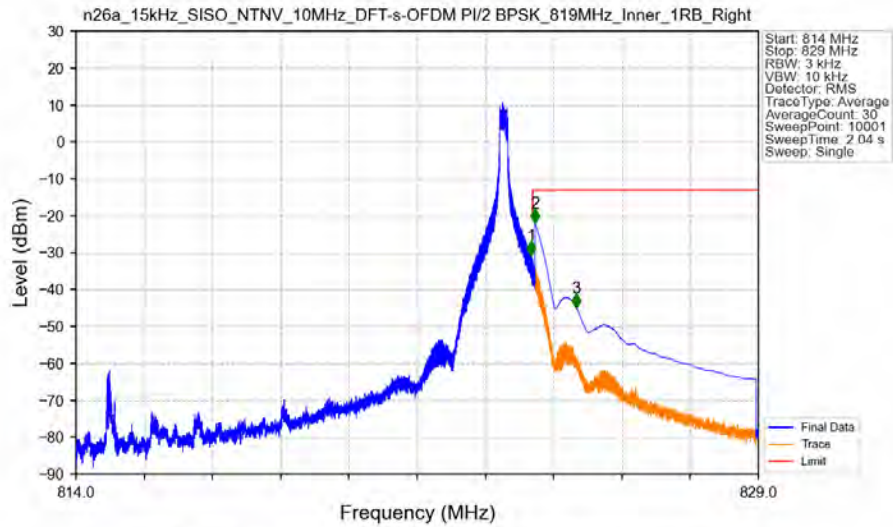
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-67.50	-13	Pass
1000	8240	1	/	2	1648.000	-44.04	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Outer_Full_Ant31



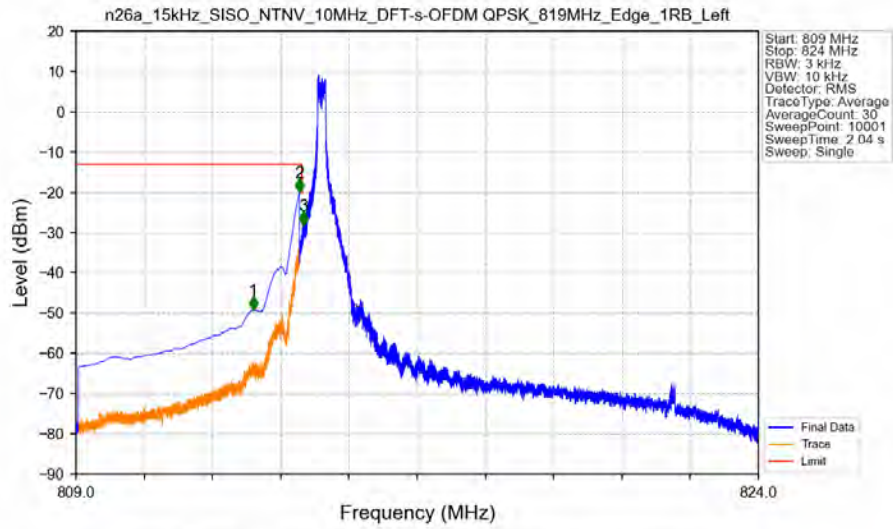
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.09948	CHP	/	/	/	/	/
824	824.038	0.09948	CHP	1	824.035	-38.90	-20	Pass
824.038	825	0.1	CHP	2	824.095	-35.53	-13	Pass
825	829	0.1	CHP	3	827.695	-37.15	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Inner_1RB_Right_Ant31



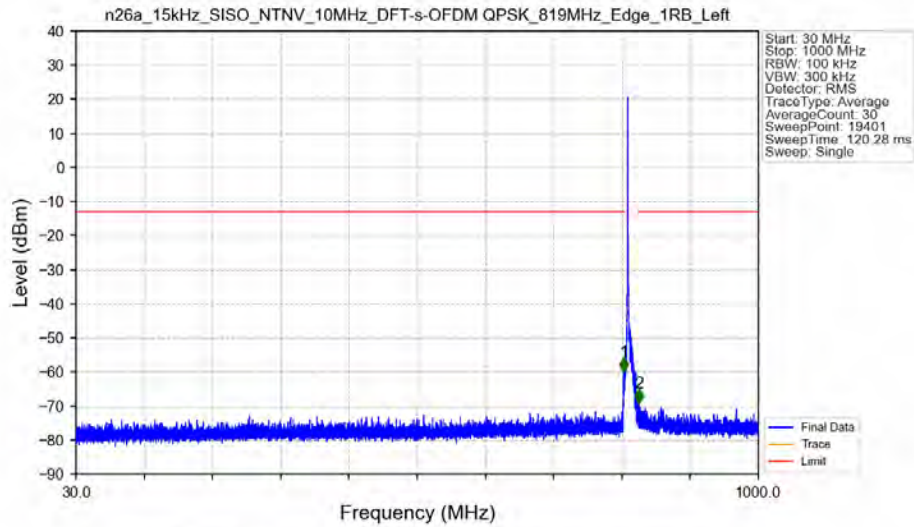
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.005	-30.75	-20	Pass
824.038	825	0.1	CHP	2	824.089	-22.04	-13	Pass
825	829	0.1	CHP	3	825.001	-44.95	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



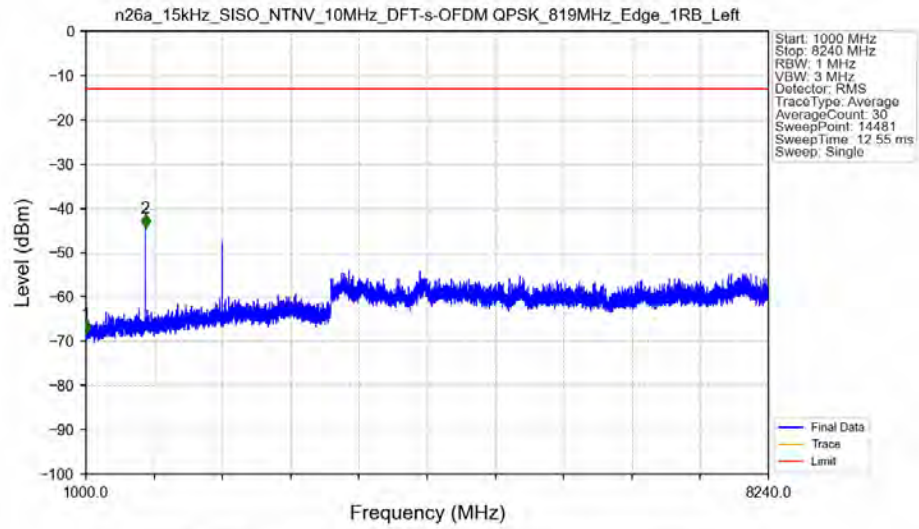
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.893	-49.27	-13	Pass
813	813.963	0.1	CHP	2	813.911	-20.06	-13	Pass
813.963	814	0.003	/	3	813.994	-28.31	-20	Pass
814	824	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



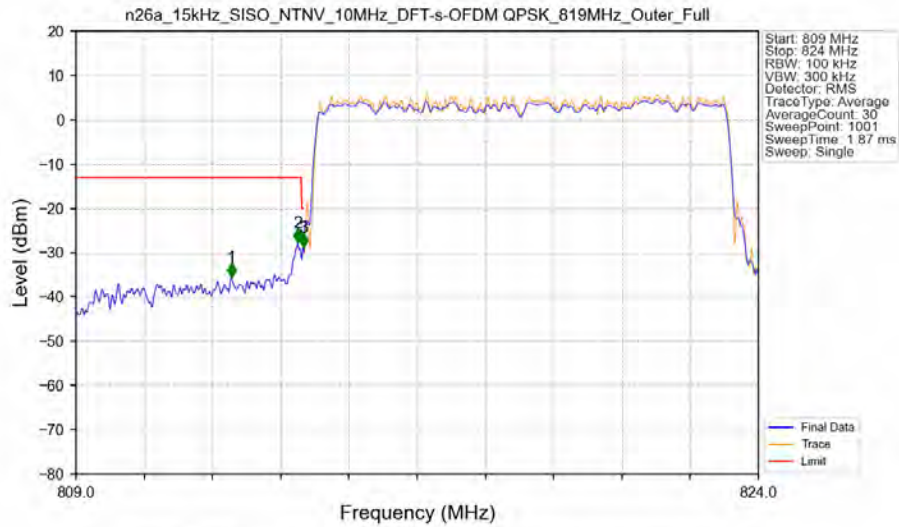
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	808.750	-59.93	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	830.100	-69.08	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



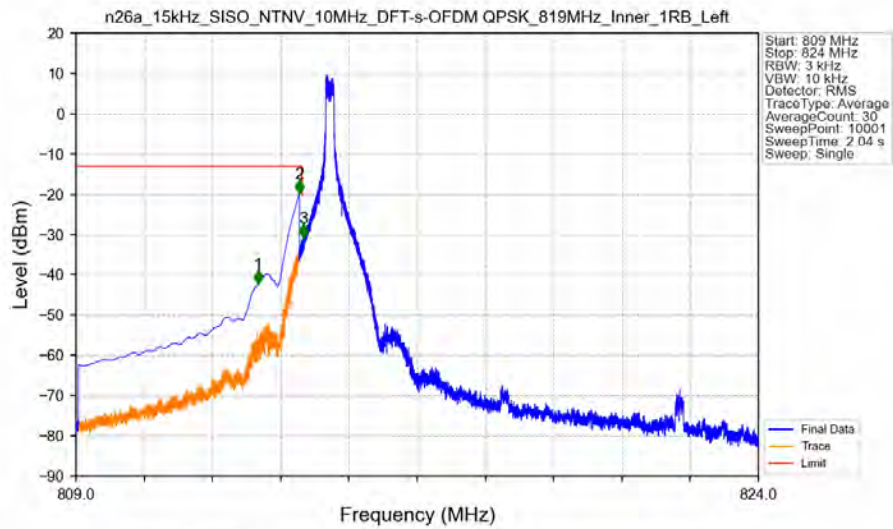
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-68.27	-13	Pass
1000	8240	1	/	2	1629.500	-44.44	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Outer_Full_Ant31



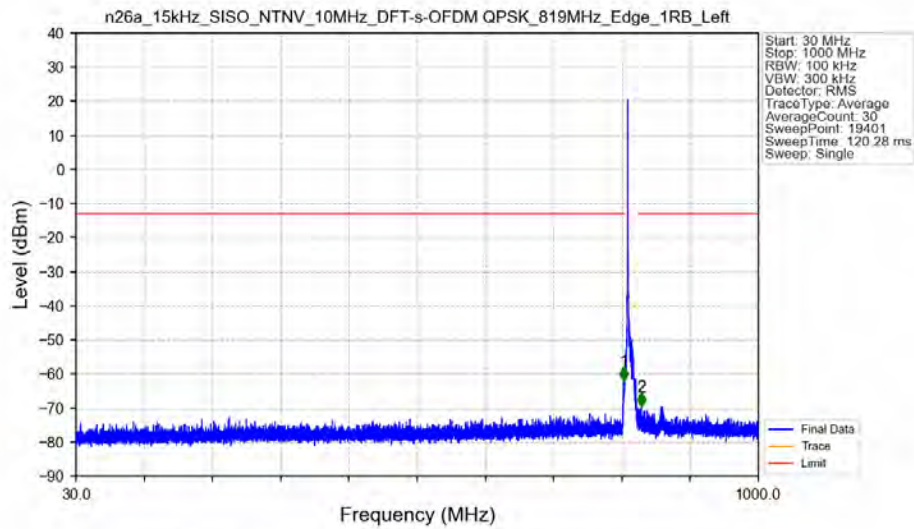
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	/	1	812.420	-35.58	-13	Pass
813	813.963	0.1	/	2	813.875	-27.74	-13	Pass
813.963	814	0.10068	/	3	813.995	-28.76	-20	Pass
814	824	0.10068	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Inner_1RB_Left_Ant31



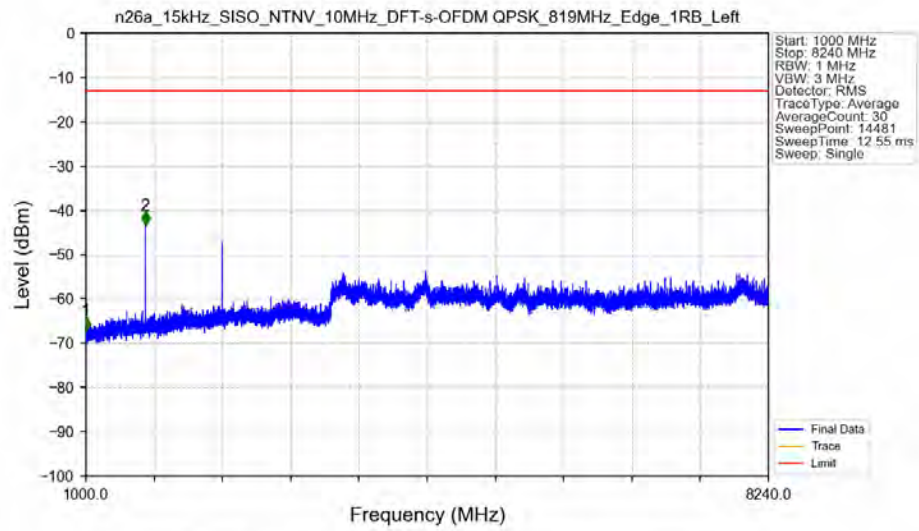
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.999	-42.30	-13	Pass
813	813.963	0.1	CHP	2	813.911	-19.80	-13	Pass
813.963	814	0.003	/	3	814.000	-30.90	-20	Pass
814	824	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



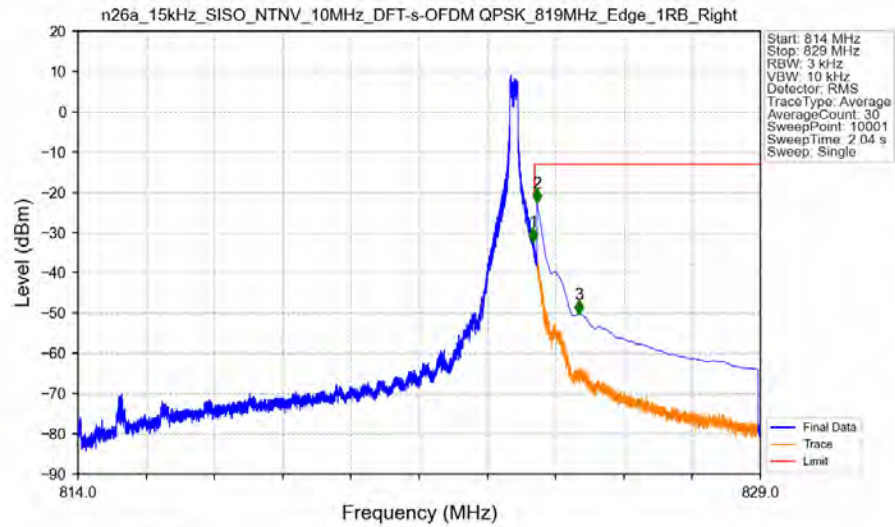
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.950	-62.07	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	833.550	-69.49	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



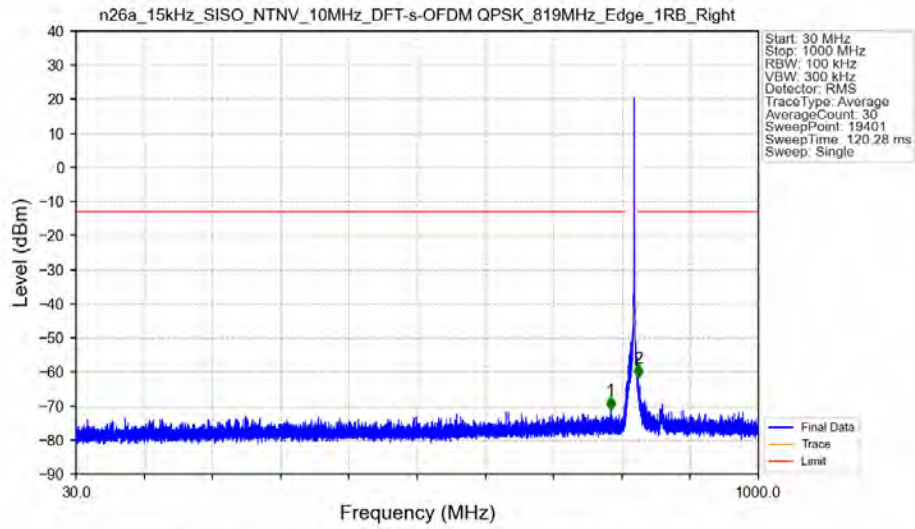
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-67.07	-13	Pass
1000	8240	1	/	2	1629.500	-43.28	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Right_Ant31

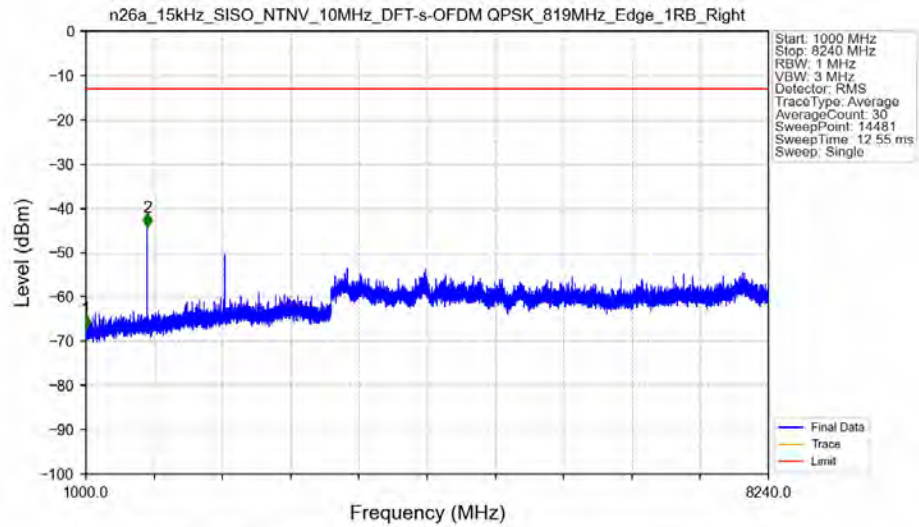


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.004	-32.23	-20	Pass
824.038	825	0.1	CHP	2	824.089	-22.66	-13	Pass
825	829	0.1	CHP	3	825.019	-50.23	-13	Pass

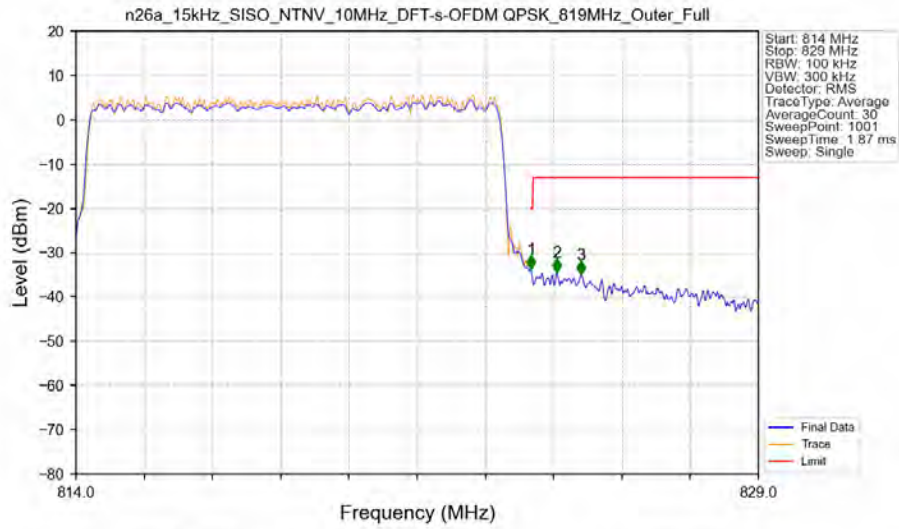
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Right_Ant31



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Right_Ant31

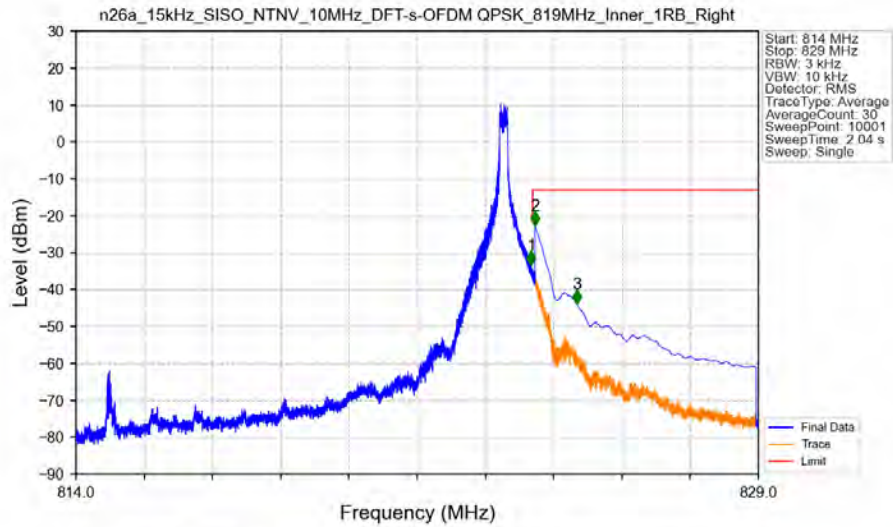


n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Outer_Full_Ant31



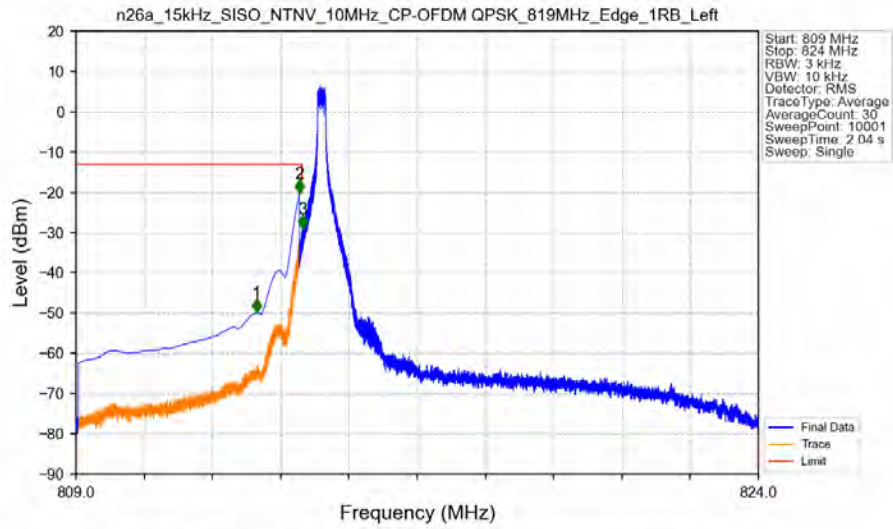
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.10022	CHP	/	/	/	/	/
824	824.038	0.10022	CHP	1	824.005	-33.75	-20	Pass
824.038	825	0.1	/	2	824.575	-34.46	-13	Pass
825	829	0.1	/	3	825.100	-35.03	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Inner_1RB_Right_Ant31

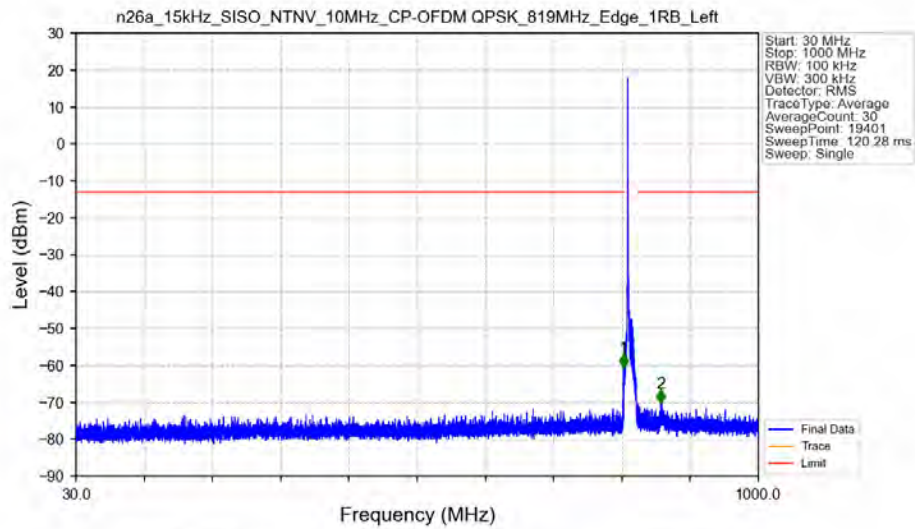


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.004	-33.36	-20	Pass
824.038	825	0.1	CHP	2	824.089	-22.51	-13	Pass
825	829	0.1	CHP	3	825.003	-43.72	-13	Pass

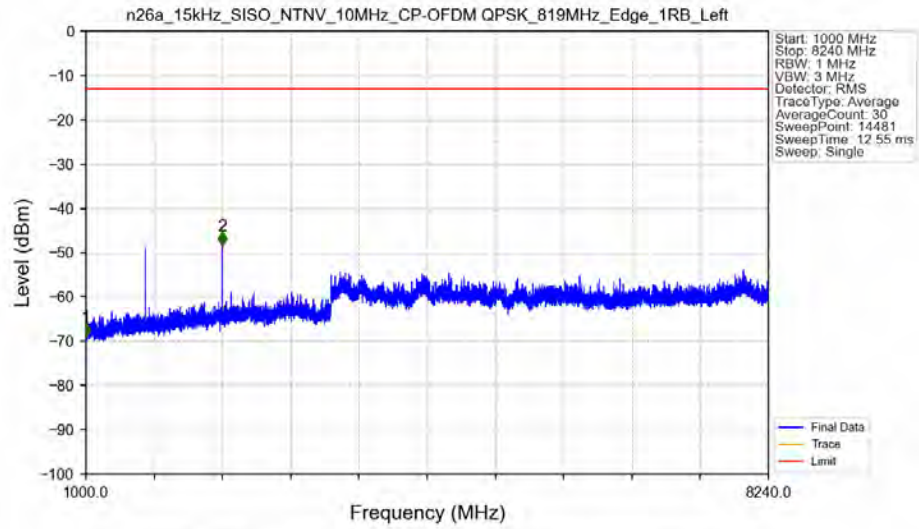
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31

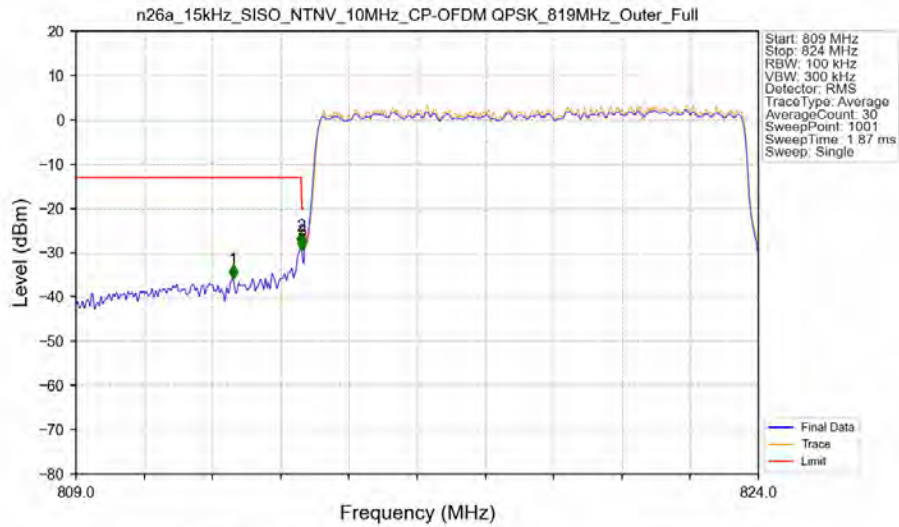


n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



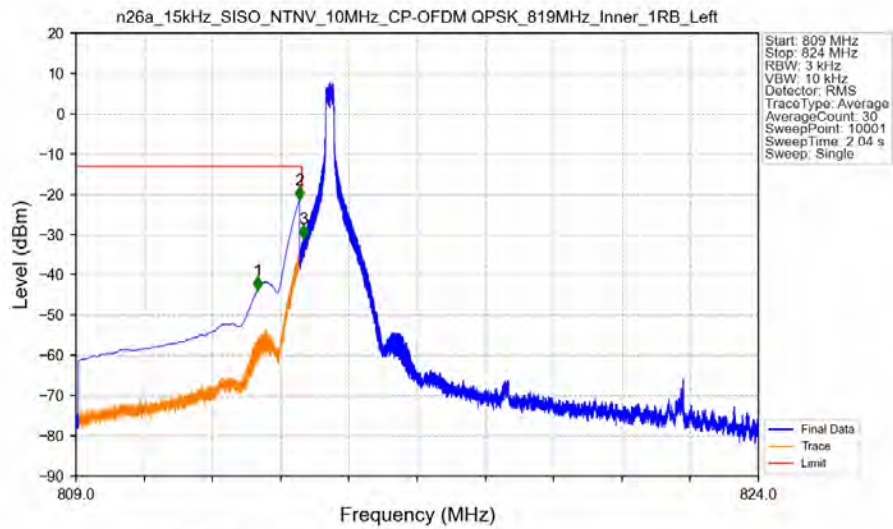
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-69.01	-13	Pass
1000	8240	1	/	2	2444.000	-48.47	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Outer_Full_Ant31

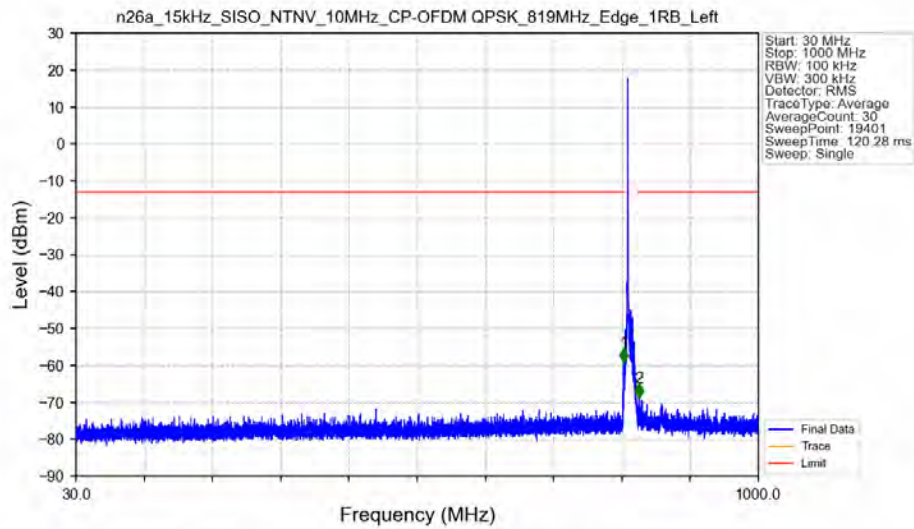


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	/	1	812.450	-35.85	-13	Pass
813	813.963	0.1	/	2	813.950	-28.45	-13	Pass
813.963	814	0.10387	/	3	813.965	-29.43	-20	Pass
814	824	0.10387	CHP	/	/	/	/	/

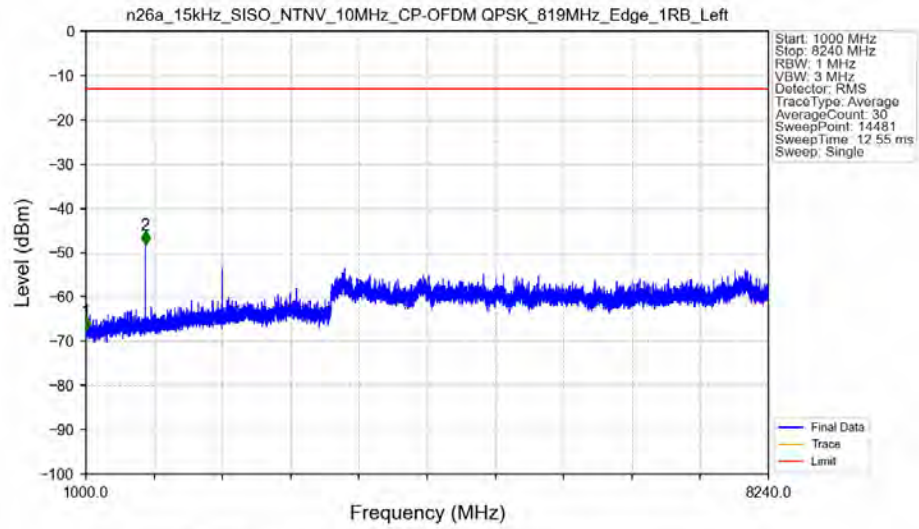
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Inner_1RB_Left_Ant31



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31

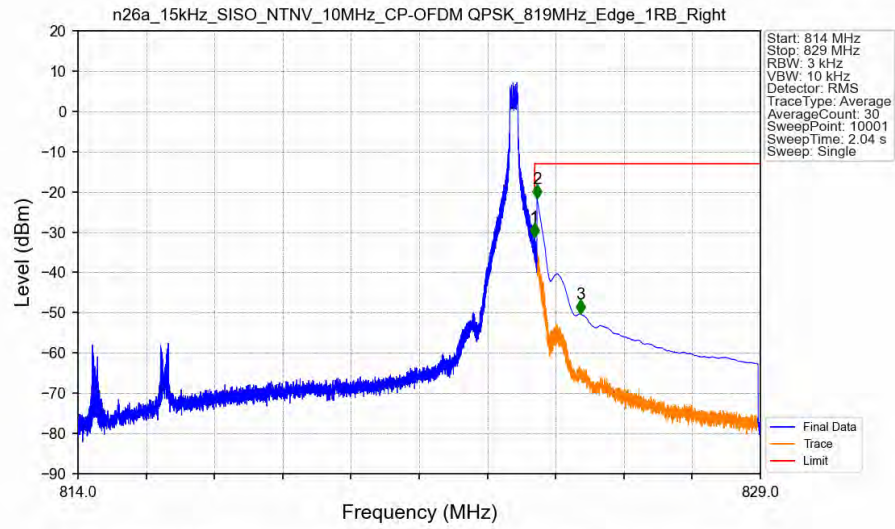


n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant31



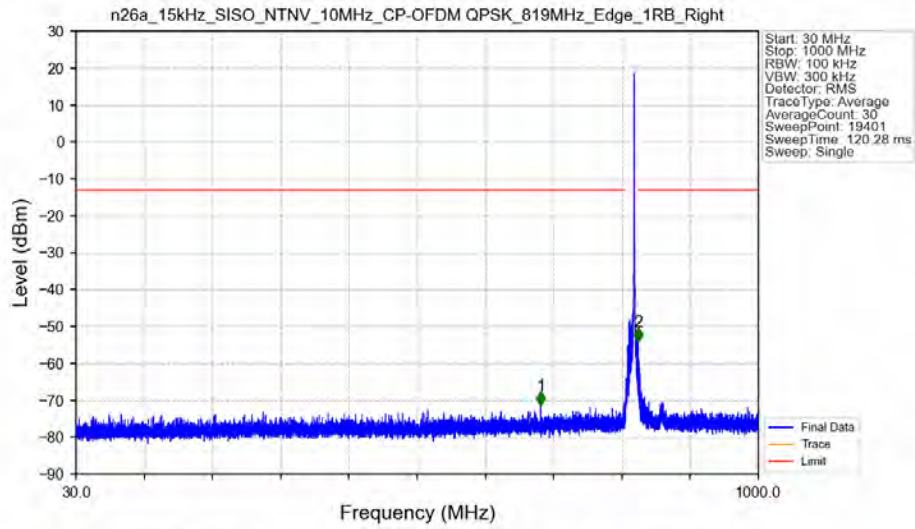
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-67.44	-13	Pass
1000	8240	1	/	2	1629.500	-48.14	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Right_Ant31

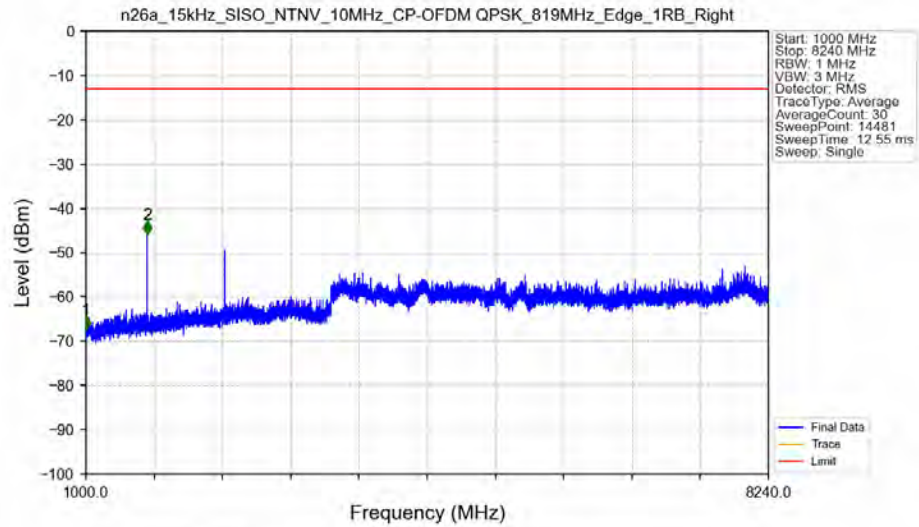


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.035	-31.20	-20	Pass
824.038	825	0.1	CHP	2	824.089	-21.67	-13	Pass
825	829	0.1	CHP	3	825.043	-50.28	-13	Pass

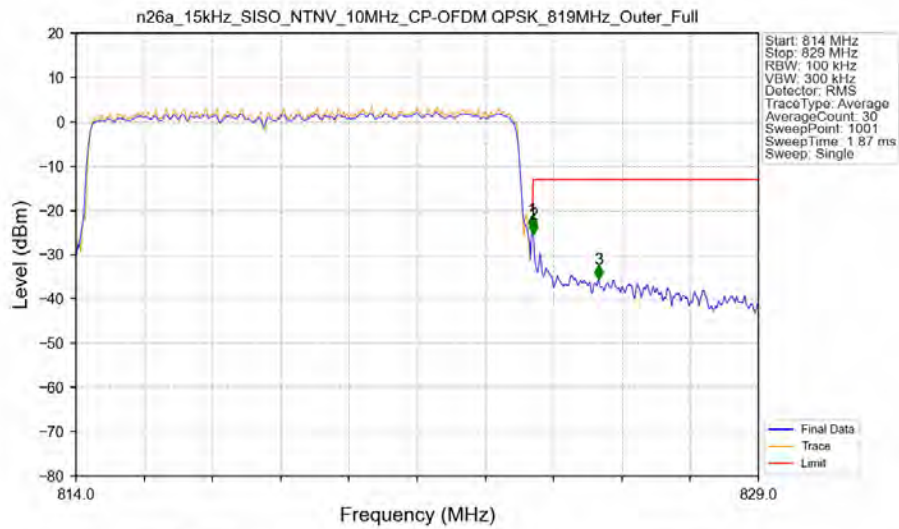
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Right_Ant31



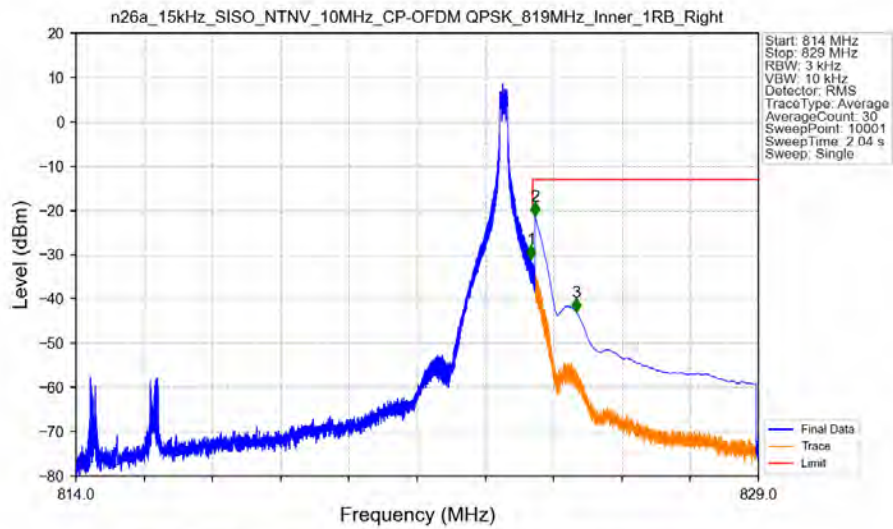
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Right_Ant31



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Outer_Full_Ant31



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Inner_1RB_Right_Ant31



6. Field Strength of Spurious Radiation

NR N26a(814-824MHz) ANT31-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1629.0	-64.94	-13	-51.94	-67.87	2.62	5.55	Horizontal	Pass
2443.5	-68.72	-13	-55.72	-71.36	3.04	5.68	Horizontal	Pass
3258.0	-66.69	-13	-53.69	-70.97	3.28	7.56	Horizontal	Pass
1629.0	-65.27	-13	-52.27	-68.2	2.62	5.55	Vertical	Pass
2443.5	-65.08	-13	-52.08	-67.72	3.04	5.68	Vertical	Pass
3258.0	-67.26	-13	-54.26	-71.54	3.28	7.56	Vertical	Pass

NSA_7A_n26A 814-824-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
3258.0	-67.09	-13	-54.09	-71.37	3.28	7.56	Horizontal	Pass
4072.5	-65.38	-13	-52.38	-70.39	3.91	8.92	Horizontal	Pass
4887.0	-63.7	-13	-50.7	-69.15	4.52	9.97	Horizontal	Pass
3258.0	-66.97	-13	-53.97	-71.25	3.28	7.56	Vertical	Pass
4072.5	-65.85	-13	-52.85	-70.86	3.91	8.92	Vertical	Pass
4887.0	-63.45	-13	-50.45	-68.9	4.52	9.97	Vertical	Pass