

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n12 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Edge_1RB_Left	22.78	/	/	15.67	/	/	<=34.77	Pass
		Edge_1RB_Right	22.71	/	/	15.60	/	/	<=34.77	Pass
		Outer_Full	22.85	/	/	15.74	/	/	<=34.77	Pass
		Inner_Full	23.33	/	/	16.22	/	/	<=34.77	Pass
		Inner_1RB_Left	23.31	/	/	16.20	/	/	<=34.77	Pass
		Inner_1RB_Right	23.33	/	/	16.22	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.82	/	/	15.71	/	/	<=34.77	Pass
		Edge_1RB_Right	22.77	/	/	15.66	/	/	<=34.77	Pass
		Outer_Full	22.85	/	/	15.74	/	/	<=34.77	Pass
		Inner_Full	23.31	/	/	16.20	/	/	<=34.77	Pass
		Inner_1RB_Left	23.31	/	/	16.20	/	/	<=34.77	Pass
		Inner_1RB_Right	23.36	/	/	16.25	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	22.75	/	/	15.64	/	/	<=34.77	Pass
		Edge_1RB_Right	22.84	/	/	15.73	/	/	<=34.77	Pass
		Outer_Full	22.73	/	/	15.62	/	/	<=34.77	Pass
		Inner_Full	23.29	/	/	16.18	/	/	<=34.77	Pass
		Inner_1RB_Left	23.27	/	/	16.16	/	/	<=34.77	Pass
		Inner_1RB_Right	23.37	/	/	16.26	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	701.5	Edge_1RB_Left	22.32	/	/	15.21	/	/	<=34.77	Pass
		Edge_1RB_Right	22.46	/	/	15.35	/	/	<=34.77	Pass
		Outer_Full	22.47	/	/	15.36	/	/	<=34.77	Pass
		Inner_Full	23.39	/	/	16.28	/	/	<=34.77	Pass
		Inner_1RB_Left	23.37	/	/	16.26	/	/	<=34.77	Pass
		Inner_1RB_Right	23.40	/	/	16.29	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.41	/	/	15.30	/	/	<=34.77	Pass
		Edge_1RB_Right	22.41	/	/	15.30	/	/	<=34.77	Pass
		Outer_Full	22.43	/	/	15.32	/	/	<=34.77	Pass
		Inner_Full	23.36	/	/	16.25	/	/	<=34.77	Pass
		Inner_1RB_Left	23.47	/	/	16.36	/	/	<=34.77	Pass
		Inner_1RB_Right	23.39	/	/	16.28	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	22.39	/	/	15.28	/	/	<=34.77	Pass
		Edge_1RB_Right	22.48	/	/	15.37	/	/	<=34.77	Pass
		Outer_Full	22.36	/	/	15.25	/	/	<=34.77	Pass
		Inner_Full	23.35	/	/	16.24	/	/	<=34.77	Pass
		Inner_1RB_Left	23.46	/	/	16.35	/	/	<=34.77	Pass
		Inner_1RB_Right	23.60	/	/	16.49	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	701.5	Edge_1RB_Left	21.21	/	/	14.10	/	/	<=34.77	Pass
		Edge_1RB_Right	21.31	/	/	14.20	/	/	<=34.77	Pass
		Outer_Full	21.38	/	/	14.27	/	/	<=34.77	Pass
		Inner_Full	22.39	/	/	15.28	/	/	<=34.77	Pass
		Inner_1RB_Left	22.29	/	/	15.18	/	/	<=34.77	Pass
		Inner_1RB_Right	22.29	/	/	15.18	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.27	/	/	14.16	/	/	<=34.77	Pass
		Edge_1RB_Right	21.25	/	/	14.14	/	/	<=34.77	Pass
		Outer_Full	21.40	/	/	14.29	/	/	<=34.77	Pass
		Inner_Full	22.43	/	/	15.32	/	/	<=34.77	Pass
		Inner_1RB_Left	22.30	/	/	15.19	/	/	<=34.77	Pass
		Inner_1RB_Right	22.32	/	/	15.21	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	21.26	/	/	14.15	/	/	<=34.77	Pass

		Edge_1RB_Right	21.18	/	/	14.07	/	/	<=34.77	Pass
		Outer_Full	21.41	/	/	14.30	/	/	<=34.77	Pass
		Inner_Full	22.37	/	/	15.26	/	/	<=34.77	Pass
		Inner_1RB_Left	22.27	/	/	15.16	/	/	<=34.77	Pass
		Inner_1RB_Right	22.26	/	/	15.15	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	701.5	Edge_1RB_Left	21.02	/	/	13.91	/	/	<=34.77	Pass
		Edge_1RB_Right	21.21	/	/	14.10	/	/	<=34.77	Pass
		Outer_Full	20.91	/	/	13.80	/	/	<=34.77	Pass
		Inner_Full	20.91	/	/	13.80	/	/	<=34.77	Pass
		Inner_1RB_Left	21.06	/	/	13.95	/	/	<=34.77	Pass
		Inner_1RB_Right	21.13	/	/	14.02	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.09	/	/	13.98	/	/	<=34.77	Pass
		Edge_1RB_Right	21.09	/	/	13.98	/	/	<=34.77	Pass
		Outer_Full	20.92	/	/	13.81	/	/	<=34.77	Pass
		Inner_Full	20.91	/	/	13.80	/	/	<=34.77	Pass
		Inner_1RB_Left	21.09	/	/	13.98	/	/	<=34.77	Pass
		Inner_1RB_Right	21.13	/	/	14.02	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	21.04	/	/	13.93	/	/	<=34.77	Pass
		Edge_1RB_Right	20.66	/	/	13.55	/	/	<=34.77	Pass
		Outer_Full	20.93	/	/	13.82	/	/	<=34.77	Pass
		Inner_Full	20.92	/	/	13.81	/	/	<=34.77	Pass
		Inner_1RB_Left	21.06	/	/	13.95	/	/	<=34.77	Pass
		Inner_1RB_Right	20.98	/	/	13.87	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	701.5	Edge_1RB_Left	18.78	/	/	11.67	/	/	<=34.77	Pass
		Edge_1RB_Right	18.96	/	/	11.85	/	/	<=34.77	Pass
		Outer_Full	18.87	/	/	11.76	/	/	<=34.77	Pass
		Inner_Full	18.81	/	/	11.70	/	/	<=34.77	Pass
		Inner_1RB_Left	18.89	/	/	11.78	/	/	<=34.77	Pass
		Inner_1RB_Right	18.93	/	/	11.82	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	18.86	/	/	11.75	/	/	<=34.77	Pass
		Edge_1RB_Right	18.90	/	/	11.79	/	/	<=34.77	Pass
		Outer_Full	18.88	/	/	11.77	/	/	<=34.77	Pass
		Inner_Full	18.79	/	/	11.68	/	/	<=34.77	Pass
		Inner_1RB_Left	18.93	/	/	11.82	/	/	<=34.77	Pass
		Inner_1RB_Right	18.93	/	/	11.82	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	18.84	/	/	11.73	/	/	<=34.77	Pass
		Edge_1RB_Right	18.81	/	/	11.70	/	/	<=34.77	Pass
		Outer_Full	18.80	/	/	11.69	/	/	<=34.77	Pass
		Inner_Full	18.75	/	/	11.64	/	/	<=34.77	Pass
		Inner_1RB_Left	18.86	/	/	11.75	/	/	<=34.77	Pass
		Inner_1RB_Right	18.84	/	/	11.73	/	/	<=34.77	Pass
CP-OFDM QPSK	701.5	Edge_1RB_Left	20.38	/	/	13.27	/	/	<=34.77	Pass
		Edge_1RB_Right	20.54	/	/	13.43	/	/	<=34.77	Pass
		Outer_Full	20.42	/	/	13.31	/	/	<=34.77	Pass
		Inner_Full	21.87	/	/	14.76	/	/	<=34.77	Pass
		Inner_1RB_Left	21.90	/	/	14.79	/	/	<=34.77	Pass
		Inner_1RB_Right	21.97	/	/	14.86	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.50	/	/	13.39	/	/	<=34.77	Pass
		Edge_1RB_Right	20.47	/	/	13.36	/	/	<=34.77	Pass
		Outer_Full	20.41	/	/	13.30	/	/	<=34.77	Pass
		Inner_Full	21.86	/	/	14.75	/	/	<=34.77	Pass
		Inner_1RB_Left	21.93	/	/	14.82	/	/	<=34.77	Pass
		Inner_1RB_Right	21.81	/	/	14.70	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	20.41	/	/	13.30	/	/	<=34.77	Pass
		Edge_1RB_Right	20.21	/	/	13.10	/	/	<=34.77	Pass
		Outer_Full	20.39	/	/	13.28	/	/	<=34.77	Pass
		Inner_Full	21.84	/	/	14.73	/	/	<=34.77	Pass
		Inner_1RB_Left	21.83	/	/	14.72	/	/	<=34.77	Pass
		Inner_1RB_Right	21.53	/	/	14.42	/	/	<=34.77	Pass

CP-OFDM 16 QAM	701.5	Edge_1RB_Left	20.51	/	/	13.40	/	/	<=34.77	Pass
		Edge_1RB_Right	20.38	/	/	13.27	/	/	<=34.77	Pass
		Outer_Full	20.46	/	/	13.35	/	/	<=34.77	Pass
		Inner_Full	21.43	/	/	14.32	/	/	<=34.77	Pass
		Inner_1RB_Left	21.25	/	/	14.14	/	/	<=34.77	Pass
		Inner_1RB_Right	21.31	/	/	14.20	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.43	/	/	13.32	/	/	<=34.77	Pass
		Edge_1RB_Right	20.57	/	/	13.46	/	/	<=34.77	Pass
		Outer_Full	20.41	/	/	13.30	/	/	<=34.77	Pass
		Inner_Full	21.39	/	/	14.28	/	/	<=34.77	Pass
		Inner_1RB_Left	21.25	/	/	14.14	/	/	<=34.77	Pass
		Inner_1RB_Right	21.32	/	/	14.21	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	20.25	/	/	13.14	/	/	<=34.77	Pass
		Edge_1RB_Right	20.12	/	/	13.01	/	/	<=34.77	Pass
		Outer_Full	20.41	/	/	13.30	/	/	<=34.77	Pass
		Inner_Full	21.37	/	/	14.26	/	/	<=34.77	Pass
		Inner_1RB_Left	21.21	/	/	14.10	/	/	<=34.77	Pass
		Inner_1RB_Right	21.04	/	/	13.93	/	/	<=34.77	Pass
CP-OFDM 64 QAM	701.5	Edge_1RB_Left	19.94	/	/	12.83	/	/	<=34.77	Pass
		Edge_1RB_Right	20.13	/	/	13.02	/	/	<=34.77	Pass
		Outer_Full	19.93	/	/	12.82	/	/	<=34.77	Pass
		Inner_Full	19.81	/	/	12.70	/	/	<=34.77	Pass
		Inner_1RB_Left	20.01	/	/	12.90	/	/	<=34.77	Pass
		Inner_1RB_Right	20.09	/	/	12.98	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	19.99	/	/	12.88	/	/	<=34.77	Pass
		Edge_1RB_Right	20.05	/	/	12.94	/	/	<=34.77	Pass
		Outer_Full	19.94	/	/	12.83	/	/	<=34.77	Pass
		Inner_Full	19.82	/	/	12.71	/	/	<=34.77	Pass
		Inner_1RB_Left	20.05	/	/	12.94	/	/	<=34.77	Pass
		Inner_1RB_Right	20.12	/	/	13.01	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	20.00	/	/	12.89	/	/	<=34.77	Pass
		Edge_1RB_Right	20.12	/	/	13.01	/	/	<=34.77	Pass
		Outer_Full	19.92	/	/	12.81	/	/	<=34.77	Pass
		Inner_Full	19.76	/	/	12.65	/	/	<=34.77	Pass
		Inner_1RB_Left	20.04	/	/	12.93	/	/	<=34.77	Pass
		Inner_1RB_Right	20.13	/	/	13.02	/	/	<=34.77	Pass
CP-OFDM 256 QAM	701.5	Edge_1RB_Left	16.79	/	/	9.68	/	/	<=34.77	Pass
		Edge_1RB_Right	16.95	/	/	9.84	/	/	<=34.77	Pass
		Outer_Full	16.76	/	/	9.65	/	/	<=34.77	Pass
		Inner_Full	16.80	/	/	9.69	/	/	<=34.77	Pass
		Inner_1RB_Left	16.83	/	/	9.72	/	/	<=34.77	Pass
		Inner_1RB_Right	16.95	/	/	9.84	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	16.63	/	/	9.52	/	/	<=34.77	Pass
		Edge_1RB_Right	16.66	/	/	9.55	/	/	<=34.77	Pass
		Outer_Full	16.73	/	/	9.62	/	/	<=34.77	Pass
		Inner_Full	16.79	/	/	9.68	/	/	<=34.77	Pass
		Inner_1RB_Left	16.90	/	/	9.79	/	/	<=34.77	Pass
		Inner_1RB_Right	16.75	/	/	9.64	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	16.83	/	/	9.72	/	/	<=34.77	Pass
		Edge_1RB_Right	16.72	/	/	9.61	/	/	<=34.77	Pass
		Outer_Full	16.80	/	/	9.69	/	/	<=34.77	Pass
		Inner_Full	16.75	/	/	9.64	/	/	<=34.77	Pass
		Inner_1RB_Left	16.91	/	/	9.80	/	/	<=34.77	Pass
		Inner_1RB_Right	16.78	/	/	9.67	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant2: -4.96dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n12 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Edge_1RB_Left	22.90	/	/	15.79	/	/	<=34.77	Pass
		Edge_1RB_Right	22.90	/	/	15.79	/	/	<=34.77	Pass
		Outer_Full	22.81	/	/	15.70	/	/	<=34.77	Pass
		Inner_Full	23.30	/	/	16.19	/	/	<=34.77	Pass
		Inner_1RB_Left	23.38	/	/	16.27	/	/	<=34.77	Pass
		Inner_1RB_Right	23.40	/	/	16.29	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.82	/	/	15.71	/	/	<=34.77	Pass
		Edge_1RB_Right	22.83	/	/	15.72	/	/	<=34.77	Pass
		Outer_Full	22.85	/	/	15.74	/	/	<=34.77	Pass
		Inner_Full	23.27	/	/	16.16	/	/	<=34.77	Pass
		Inner_1RB_Left	23.37	/	/	16.26	/	/	<=34.77	Pass
		Inner_1RB_Right	23.36	/	/	16.25	/	/	<=34.77	Pass
	711	Edge_1RB_Left	22.89	/	/	15.78	/	/	<=34.77	Pass
		Edge_1RB_Right	22.86	/	/	15.75	/	/	<=34.77	Pass
		Outer_Full	22.84	/	/	15.73	/	/	<=34.77	Pass
		Inner_Full	23.26	/	/	16.15	/	/	<=34.77	Pass
		Inner_1RB_Left	23.48	/	/	16.38	/	/	<=34.77	Pass
		Inner_1RB_Right	23.41	/	/	16.30	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	704	Edge_1RB_Left	22.43	/	/	15.32	/	/	<=34.77	Pass
		Edge_1RB_Right	22.50	/	/	15.39	/	/	<=34.77	Pass
		Outer_Full	22.41	/	/	15.30	/	/	<=34.77	Pass
		Inner_Full	23.34	/	/	16.23	/	/	<=34.77	Pass
		Inner_1RB_Left	23.50	/	/	16.39	/	/	<=34.77	Pass
		Inner_1RB_Right	23.51	/	/	16.40	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.46	/	/	15.35	/	/	<=34.77	Pass
		Edge_1RB_Right	22.47	/	/	15.36	/	/	<=34.77	Pass
		Outer_Full	22.42	/	/	15.31	/	/	<=34.77	Pass
		Inner_Full	23.31	/	/	16.20	/	/	<=34.77	Pass
		Inner_1RB_Left	23.50	/	/	16.39	/	/	<=34.77	Pass
		Inner_1RB_Right	23.52	/	/	16.41	/	/	<=34.77	Pass
	711	Edge_1RB_Left	22.52	/	/	15.41	/	/	<=34.77	Pass
		Edge_1RB_Right	22.65	/	/	15.54	/	/	<=34.77	Pass
		Outer_Full	22.41	/	/	15.30	/	/	<=34.77	Pass
		Inner_Full	23.31	/	/	16.20	/	/	<=34.77	Pass
		Inner_1RB_Left	23.59	/	/	16.48	/	/	<=34.77	Pass
		Inner_1RB_Right	23.69	/	/	16.58	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	704	Edge_1RB_Left	21.34	/	/	14.23	/	/	<=34.77	Pass
		Edge_1RB_Right	21.32	/	/	14.21	/	/	<=34.77	Pass
		Outer_Full	21.37	/	/	14.26	/	/	<=34.77	Pass
		Inner_Full	22.40	/	/	15.29	/	/	<=34.77	Pass
		Inner_1RB_Left	22.35	/	/	15.24	/	/	<=34.77	Pass
		Inner_1RB_Right	22.38	/	/	15.26	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.27	/	/	14.16	/	/	<=34.77	Pass
		Edge_1RB_Right	21.24	/	/	14.13	/	/	<=34.77	Pass
		Outer_Full	21.40	/	/	14.29	/	/	<=34.77	Pass
		Inner_Full	22.39	/	/	15.28	/	/	<=34.77	Pass
		Inner_1RB_Left	22.32	/	/	15.21	/	/	<=34.77	Pass
		Inner_1RB_Right	22.36	/	/	15.25	/	/	<=34.77	Pass
	711	Edge_1RB_Left	21.34	/	/	14.23	/	/	<=34.77	Pass
		Edge_1RB_Right	21.29	/	/	14.18	/	/	<=34.77	Pass
		Outer_Full	21.40	/	/	14.29	/	/	<=34.77	Pass
		Inner_Full	22.39	/	/	15.28	/	/	<=34.77	Pass
		Inner_1RB_Left	22.40	/	/	15.29	/	/	<=34.77	Pass
		Inner_1RB_Right	22.37	/	/	15.26	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	704	Edge_1RB_Left	21.10	/	/	13.99	/	/	<=34.77	Pass
		Edge_1RB_Right	21.14	/	/	14.03	/	/	<=34.77	Pass

		Outer_Full	20.88	/	/	13.77	/	/	<=34.77	Pass
		Inner_Full	20.91	/	/	13.80	/	/	<=34.77	Pass
		Inner_1RB_Left	21.17	/	/	14.06	/	/	<=34.77	Pass
		Inner_1RB_Right	21.19	/	/	14.08	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.08	/	/	13.97	/	/	<=34.77	Pass
		Edge_1RB_Right	21.08	/	/	13.97	/	/	<=34.77	Pass
		Outer_Full	20.90	/	/	13.79	/	/	<=34.77	Pass
		Inner_Full	20.87	/	/	13.76	/	/	<=34.77	Pass
		Inner_1RB_Left	21.17	/	/	14.06	/	/	<=34.77	Pass
		Inner_1RB_Right	21.13	/	/	14.02	/	/	<=34.77	Pass
	711	Edge_1RB_Left	21.16	/	/	14.05	/	/	<=34.77	Pass
		Edge_1RB_Right	21.04	/	/	13.93	/	/	<=34.77	Pass
		Outer_Full	20.93	/	/	13.82	/	/	<=34.77	Pass
		Inner_Full	20.92	/	/	13.81	/	/	<=34.77	Pass
		Inner_1RB_Left	21.19	/	/	14.08	/	/	<=34.77	Pass
		Inner_1RB_Right	21.06	/	/	13.95	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	704	Edge_1RB_Left	19.01	/	/	11.90	/	/	<=34.77	Pass
		Edge_1RB_Right	18.95	/	/	11.84	/	/	<=34.77	Pass
		Outer_Full	18.90	/	/	11.79	/	/	<=34.77	Pass
		Inner_Full	18.77	/	/	11.66	/	/	<=34.77	Pass
		Inner_1RB_Left	18.95	/	/	11.84	/	/	<=34.77	Pass
		Inner_1RB_Right	18.96	/	/	11.85	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	18.92	/	/	11.81	/	/	<=34.77	Pass
		Edge_1RB_Right	18.93	/	/	11.82	/	/	<=34.77	Pass
		Outer_Full	18.91	/	/	11.80	/	/	<=34.77	Pass
		Inner_Full	18.74	/	/	11.63	/	/	<=34.77	Pass
		Inner_1RB_Left	18.98	/	/	11.87	/	/	<=34.77	Pass
		Inner_1RB_Right	18.93	/	/	11.82	/	/	<=34.77	Pass
	711	Edge_1RB_Left	19.01	/	/	11.90	/	/	<=34.77	Pass
		Edge_1RB_Right	18.90	/	/	11.79	/	/	<=34.77	Pass
		Outer_Full	18.92	/	/	11.81	/	/	<=34.77	Pass
		Inner_Full	18.79	/	/	11.68	/	/	<=34.77	Pass
		Inner_1RB_Left	19.02	/	/	11.91	/	/	<=34.77	Pass
		Inner_1RB_Right	18.95	/	/	11.84	/	/	<=34.77	Pass
CP-OFDM QPSK	704	Edge_1RB_Left	20.55	/	/	13.44	/	/	<=34.77	Pass
		Edge_1RB_Right	20.57	/	/	13.46	/	/	<=34.77	Pass
		Outer_Full	20.41	/	/	13.30	/	/	<=34.77	Pass
		Inner_Full	21.92	/	/	14.81	/	/	<=34.77	Pass
		Inner_1RB_Left	22.00	/	/	14.89	/	/	<=34.77	Pass
		Inner_1RB_Right	21.97	/	/	14.86	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.50	/	/	13.39	/	/	<=34.77	Pass
		Edge_1RB_Right	20.49	/	/	13.38	/	/	<=34.77	Pass
		Outer_Full	20.49	/	/	13.38	/	/	<=34.77	Pass
		Inner_Full	21.87	/	/	14.76	/	/	<=34.77	Pass
		Inner_1RB_Left	21.99	/	/	14.88	/	/	<=34.77	Pass
		Inner_1RB_Right	21.89	/	/	14.78	/	/	<=34.77	Pass
	711	Edge_1RB_Left	20.57	/	/	13.46	/	/	<=34.77	Pass
		Edge_1RB_Right	20.28	/	/	13.17	/	/	<=34.77	Pass
		Outer_Full	20.43	/	/	13.32	/	/	<=34.77	Pass
		Inner_Full	21.93	/	/	14.82	/	/	<=34.77	Pass
		Inner_1RB_Left	22.01	/	/	14.90	/	/	<=34.77	Pass
		Inner_1RB_Right	21.47	/	/	14.36	/	/	<=34.77	Pass
CP-OFDM 16 QAM	704	Edge_1RB_Left	20.32	/	/	13.21	/	/	<=34.77	Pass
		Edge_1RB_Right	20.37	/	/	13.26	/	/	<=34.77	Pass
		Outer_Full	20.44	/	/	13.33	/	/	<=34.77	Pass
		Inner_Full	21.34	/	/	14.23	/	/	<=34.77	Pass
		Inner_1RB_Left	21.33	/	/	14.22	/	/	<=34.77	Pass
		Inner_1RB_Right	21.34	/	/	14.23	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.28	/	/	13.17	/	/	<=34.77	Pass

		Edge_1RB_Right	20.62	/	/	13.51	/	/	<=34.77	Pass
		Outer_Full	20.44	/	/	13.33	/	/	<=34.77	Pass
		Inner_Full	21.31	/	/	14.20	/	/	<=34.77	Pass
		Inner_1RB_Left	21.34	/	/	14.23	/	/	<=34.77	Pass
		Inner_1RB_Right	21.24	/	/	14.13	/	/	<=34.77	Pass
	711	Edge_1RB_Left	20.37	/	/	13.26	/	/	<=34.77	Pass
		Edge_1RB_Right	20.18	/	/	13.07	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	13.34	/	/	<=34.77	Pass
		Inner_Full	21.35	/	/	14.24	/	/	<=34.77	Pass
		Inner_1RB_Left	21.34	/	/	14.23	/	/	<=34.77	Pass
	Inner_1RB_Right	21.05	/	/	13.94	/	/	<=34.77	Pass	
CP-OFDM 64 QAM	704	Edge_1RB_Left	20.06	/	/	12.95	/	/	<=34.77	Pass
		Edge_1RB_Right	20.18	/	/	13.07	/	/	<=34.77	Pass
		Outer_Full	19.89	/	/	12.78	/	/	<=34.77	Pass
		Inner_Full	19.80	/	/	12.69	/	/	<=34.77	Pass
		Inner_1RB_Left	20.08	/	/	12.97	/	/	<=34.77	Pass
		Inner_1RB_Right	20.16	/	/	13.05	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	19.53	/	/	12.42	/	/	<=34.77	Pass
		Edge_1RB_Right	19.90	/	/	12.79	/	/	<=34.77	Pass
		Outer_Full	19.69	/	/	12.58	/	/	<=34.77	Pass
		Inner_Full	19.79	/	/	12.68	/	/	<=34.77	Pass
		Inner_1RB_Left	20.01	/	/	12.90	/	/	<=34.77	Pass
		Inner_1RB_Right	20.10	/	/	12.99	/	/	<=34.77	Pass
	711	Edge_1RB_Left	20.16	/	/	13.05	/	/	<=34.77	Pass
		Edge_1RB_Right	20.18	/	/	13.07	/	/	<=34.77	Pass
		Outer_Full	19.92	/	/	12.81	/	/	<=34.77	Pass
		Inner_Full	19.79	/	/	12.68	/	/	<=34.77	Pass
		Inner_1RB_Left	20.16	/	/	13.05	/	/	<=34.77	Pass
		Inner_1RB_Right	20.14	/	/	13.03	/	/	<=34.77	Pass
CP-OFDM 256 QAM	704	Edge_1RB_Left	16.87	/	/	9.76	/	/	<=34.77	Pass
		Edge_1RB_Right	16.98	/	/	9.87	/	/	<=34.77	Pass
		Outer_Full	16.89	/	/	9.78	/	/	<=34.77	Pass
		Inner_Full	16.77	/	/	9.66	/	/	<=34.77	Pass
		Inner_1RB_Left	16.95	/	/	9.84	/	/	<=34.77	Pass
		Inner_1RB_Right	17.03	/	/	9.92	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	16.88	/	/	9.77	/	/	<=34.77	Pass
		Edge_1RB_Right	16.81	/	/	9.70	/	/	<=34.77	Pass
		Outer_Full	16.91	/	/	9.80	/	/	<=34.77	Pass
		Inner_Full	16.52	/	/	9.41	/	/	<=34.77	Pass
		Inner_1RB_Left	16.99	/	/	9.88	/	/	<=34.77	Pass
		Inner_1RB_Right	16.72	/	/	9.61	/	/	<=34.77	Pass
	711	Edge_1RB_Left	16.96	/	/	9.85	/	/	<=34.77	Pass
		Edge_1RB_Right	16.82	/	/	9.71	/	/	<=34.77	Pass
		Outer_Full	16.91	/	/	9.80	/	/	<=34.77	Pass
		Inner_Full	16.78	/	/	9.67	/	/	<=34.77	Pass
		Inner_1RB_Left	17.04	/	/	9.93	/	/	<=34.77	Pass
		Inner_1RB_Right	16.90	/	/	9.79	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant2: -4.96dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15_S_15M_NTNV_ERP

5G NR n12 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	706.5	Edge_1RB_Left	22.75	/	/	15.64	/	/	<=34.77	Pass
		Edge_1RB_Right	22.77	/	/	15.66	/	/	<=34.77	Pass
		Outer_Full	22.84	/	/	15.73	/	/	<=34.77	Pass

		Inner_Full	23.33	/	/	16.22	/	/	<=34.77	Pass
		Inner_1RB_Left	23.30	/	/	16.19	/	/	<=34.77	Pass
		Inner_1RB_Right	23.26	/	/	16.15	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.83	/	/	15.72	/	/	<=34.77	Pass
		Edge_1RB_Right	22.80	/	/	15.69	/	/	<=34.77	Pass
		Outer_Full	22.88	/	/	15.77	/	/	<=34.77	Pass
		Inner_Full	23.38	/	/	16.27	/	/	<=34.77	Pass
		Inner_1RB_Left	23.32	/	/	16.21	/	/	<=34.77	Pass
		Inner_1RB_Right	23.27	/	/	16.16	/	/	<=34.77	Pass
		Edge_1RB_Left	22.71	/	/	15.60	/	/	<=34.77	Pass
	708.5	Edge_1RB_Right	22.69	/	/	15.58	/	/	<=34.77	Pass
		Outer_Full	22.88	/	/	15.77	/	/	<=34.77	Pass
		Inner_Full	23.25	/	/	16.14	/	/	<=34.77	Pass
		Inner_1RB_Left	23.30	/	/	16.19	/	/	<=34.77	Pass
		Inner_1RB_Right	23.17	/	/	16.06	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	706.5	Edge_1RB_Left	22.23	/	/	15.12	/	/	<=34.77	Pass
		Edge_1RB_Right	22.38	/	/	15.27	/	/	<=34.77	Pass
		Outer_Full	22.45	/	/	15.34	/	/	<=34.77	Pass
		Inner_Full	23.34	/	/	16.23	/	/	<=34.77	Pass
		Inner_1RB_Left	23.38	/	/	16.27	/	/	<=34.77	Pass
		Inner_1RB_Right	23.54	/	/	16.43	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.35	/	/	15.24	/	/	<=34.77	Pass
		Edge_1RB_Right	22.44	/	/	15.33	/	/	<=34.77	Pass
		Outer_Full	22.43	/	/	15.32	/	/	<=34.77	Pass
		Inner_Full	23.41	/	/	16.30	/	/	<=34.77	Pass
		Inner_1RB_Left	23.42	/	/	16.31	/	/	<=34.77	Pass
		Inner_1RB_Right	23.55	/	/	16.44	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	22.28	/	/	15.17	/	/	<=34.77	Pass
		Edge_1RB_Right	22.42	/	/	15.31	/	/	<=34.77	Pass
		Outer_Full	22.41	/	/	15.30	/	/	<=34.77	Pass
		Inner_Full	23.39	/	/	16.28	/	/	<=34.77	Pass
		Inner_1RB_Left	23.40	/	/	16.29	/	/	<=34.77	Pass
		Inner_1RB_Right	23.43	/	/	16.32	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	706.5	Edge_1RB_Left	21.12	/	/	14.01	/	/	<=34.77	Pass
		Edge_1RB_Right	21.12	/	/	14.01	/	/	<=34.77	Pass
		Outer_Full	21.44	/	/	14.33	/	/	<=34.77	Pass
		Inner_Full	22.41	/	/	15.30	/	/	<=34.77	Pass
		Inner_1RB_Left	22.20	/	/	15.09	/	/	<=34.77	Pass
		Inner_1RB_Right	22.18	/	/	15.07	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.20	/	/	14.09	/	/	<=34.77	Pass
		Edge_1RB_Right	21.12	/	/	14.01	/	/	<=34.77	Pass
		Outer_Full	21.44	/	/	14.33	/	/	<=34.77	Pass
		Inner_Full	22.42	/	/	15.31	/	/	<=34.77	Pass
		Inner_1RB_Left	22.49	/	/	15.38	/	/	<=34.77	Pass
		Inner_1RB_Right	22.16	/	/	15.05	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	21.16	/	/	14.05	/	/	<=34.77	Pass
		Edge_1RB_Right	21.12	/	/	14.01	/	/	<=34.77	Pass
		Outer_Full	21.43	/	/	14.32	/	/	<=34.77	Pass
		Inner_Full	22.43	/	/	15.32	/	/	<=34.77	Pass
		Inner_1RB_Left	22.20	/	/	15.09	/	/	<=34.77	Pass
		Inner_1RB_Right	22.19	/	/	15.08	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	706.5	Edge_1RB_Left	20.92	/	/	13.81	/	/	<=34.77	Pass
		Edge_1RB_Right	20.94	/	/	13.83	/	/	<=34.77	Pass
		Outer_Full	20.93	/	/	13.82	/	/	<=34.77	Pass
		Inner_Full	20.94	/	/	13.83	/	/	<=34.77	Pass
		Inner_1RB_Left	21.02	/	/	13.91	/	/	<=34.77	Pass
		Inner_1RB_Right	20.93	/	/	13.82	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.02	/	/	13.91	/	/	<=34.77	Pass
		Edge_1RB_Right	20.60	/	/	13.49	/	/	<=34.77	Pass

		Outer_Full	20.92	/	/	13.81	/	/	<=34.77	Pass
		Inner_Full	20.95	/	/	13.84	/	/	<=34.77	Pass
		Inner_1RB_Left	21.06	/	/	13.95	/	/	<=34.77	Pass
		Inner_1RB_Right	20.92	/	/	13.81	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	20.98	/	/	13.87	/	/	<=34.77	Pass
		Edge_1RB_Right	20.84	/	/	13.73	/	/	<=34.77	Pass
		Outer_Full	20.96	/	/	13.85	/	/	<=34.77	Pass
		Inner_Full	20.98	/	/	13.87	/	/	<=34.77	Pass
		Inner_1RB_Left	20.74	/	/	13.63	/	/	<=34.77	Pass
		Inner_1RB_Right	20.62	/	/	13.51	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	706.5	Edge_1RB_Left	18.73	/	/	11.62	/	/	<=34.77	Pass
		Edge_1RB_Right	18.74	/	/	11.63	/	/	<=34.77	Pass
		Outer_Full	18.95	/	/	11.84	/	/	<=34.77	Pass
		Inner_Full	18.87	/	/	11.76	/	/	<=34.77	Pass
		Inner_1RB_Left	18.80	/	/	11.69	/	/	<=34.77	Pass
		Inner_1RB_Right	18.87	/	/	11.76	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	18.80	/	/	11.69	/	/	<=34.77	Pass
		Edge_1RB_Right	18.69	/	/	11.58	/	/	<=34.77	Pass
		Outer_Full	18.93	/	/	11.82	/	/	<=34.77	Pass
		Inner_Full	18.90	/	/	11.79	/	/	<=34.77	Pass
		Inner_1RB_Left	18.85	/	/	11.74	/	/	<=34.77	Pass
		Inner_1RB_Right	18.76	/	/	11.65	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	18.76	/	/	11.65	/	/	<=34.77	Pass
		Edge_1RB_Right	18.77	/	/	11.66	/	/	<=34.77	Pass
		Outer_Full	18.95	/	/	11.84	/	/	<=34.77	Pass
		Inner_Full	18.88	/	/	11.77	/	/	<=34.77	Pass
		Inner_1RB_Left	18.82	/	/	11.71	/	/	<=34.77	Pass
		Inner_1RB_Right	18.83	/	/	11.72	/	/	<=34.77	Pass
CP-OFDM QPSK	706.5	Edge_1RB_Left	20.35	/	/	13.24	/	/	<=34.77	Pass
		Edge_1RB_Right	20.26	/	/	13.15	/	/	<=34.77	Pass
		Outer_Full	20.43	/	/	13.32	/	/	<=34.77	Pass
		Inner_Full	21.90	/	/	14.79	/	/	<=34.77	Pass
		Inner_1RB_Left	21.84	/	/	14.73	/	/	<=34.77	Pass
		Inner_1RB_Right	21.67	/	/	14.56	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.25	/	/	13.14	/	/	<=34.77	Pass
		Edge_1RB_Right	20.07	/	/	12.96	/	/	<=34.77	Pass
		Outer_Full	20.46	/	/	13.35	/	/	<=34.77	Pass
		Inner_Full	21.89	/	/	14.78	/	/	<=34.77	Pass
		Inner_1RB_Left	21.78	/	/	14.67	/	/	<=34.77	Pass
		Inner_1RB_Right	21.55	/	/	14.44	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	20.40	/	/	13.29	/	/	<=34.77	Pass
		Edge_1RB_Right	20.09	/	/	12.98	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	13.34	/	/	<=34.77	Pass
		Inner_Full	21.92	/	/	14.81	/	/	<=34.77	Pass
		Inner_1RB_Left	21.82	/	/	14.71	/	/	<=34.77	Pass
		Inner_1RB_Right	21.56	/	/	14.45	/	/	<=34.77	Pass
CP-OFDM 16 QAM	706.5	Edge_1RB_Left	20.30	/	/	13.19	/	/	<=34.77	Pass
		Edge_1RB_Right	20.08	/	/	12.97	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	13.34	/	/	<=34.77	Pass
		Inner_Full	21.38	/	/	14.27	/	/	<=34.77	Pass
		Inner_1RB_Left	21.17	/	/	14.06	/	/	<=34.77	Pass
		Inner_1RB_Right	21.09	/	/	13.98	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.09	/	/	12.98	/	/	<=34.77	Pass
		Edge_1RB_Right	19.89	/	/	12.78	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	13.34	/	/	<=34.77	Pass
		Inner_Full	21.39	/	/	14.28	/	/	<=34.77	Pass
		Inner_1RB_Left	21.21	/	/	14.10	/	/	<=34.77	Pass
		Inner_1RB_Right	20.82	/	/	13.71	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	20.15	/	/	13.04	/	/	<=34.77	Pass

		Edge_1RB_Right	20.20	/	/	13.09	/	/	<=34.77	Pass
		Outer_Full	20.46	/	/	13.35	/	/	<=34.77	Pass
		Inner_Full	21.40	/	/	14.29	/	/	<=34.77	Pass
		Inner_1RB_Left	21.16	/	/	14.05	/	/	<=34.77	Pass
		Inner_1RB_Right	20.94	/	/	13.83	/	/	<=34.77	Pass
CP-OFDM 64 QAM	706.5	Edge_1RB_Left	19.84	/	/	12.73	/	/	<=34.77	Pass
		Edge_1RB_Right	19.67	/	/	12.56	/	/	<=34.77	Pass
		Outer_Full	19.97	/	/	12.86	/	/	<=34.77	Pass
		Inner_Full	19.94	/	/	12.83	/	/	<=34.77	Pass
		Inner_1RB_Left	19.95	/	/	12.84	/	/	<=34.77	Pass
		Inner_1RB_Right	19.99	/	/	12.88	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	19.88	/	/	12.77	/	/	<=34.77	Pass
		Edge_1RB_Right	19.99	/	/	12.88	/	/	<=34.77	Pass
		Outer_Full	19.90	/	/	12.79	/	/	<=34.77	Pass
		Inner_Full	19.93	/	/	12.82	/	/	<=34.77	Pass
		Inner_1RB_Left	20.01	/	/	12.90	/	/	<=34.77	Pass
		Inner_1RB_Right	19.96	/	/	12.85	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	19.62	/	/	12.51	/	/	<=34.77	Pass
		Edge_1RB_Right	20.01	/	/	12.90	/	/	<=34.77	Pass
		Outer_Full	19.95	/	/	12.84	/	/	<=34.77	Pass
		Inner_Full	19.96	/	/	12.85	/	/	<=34.77	Pass
		Inner_1RB_Left	19.99	/	/	12.88	/	/	<=34.77	Pass
		Inner_1RB_Right	20.02	/	/	12.91	/	/	<=34.77	Pass
CP-OFDM 256 QAM	706.5	Edge_1RB_Left	16.68	/	/	9.57	/	/	<=34.77	Pass
		Edge_1RB_Right	16.55	/	/	9.44	/	/	<=34.77	Pass
		Outer_Full	16.91	/	/	9.80	/	/	<=34.77	Pass
		Inner_Full	16.89	/	/	9.78	/	/	<=34.77	Pass
		Inner_1RB_Left	16.80	/	/	9.69	/	/	<=34.77	Pass
		Inner_1RB_Right	16.77	/	/	9.66	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	16.85	/	/	9.74	/	/	<=34.77	Pass
		Edge_1RB_Right	16.36	/	/	9.25	/	/	<=34.77	Pass
		Outer_Full	16.63	/	/	9.52	/	/	<=34.77	Pass
		Inner_Full	16.85	/	/	9.74	/	/	<=34.77	Pass
		Inner_1RB_Left	16.84	/	/	9.73	/	/	<=34.77	Pass
		Inner_1RB_Right	16.56	/	/	9.45	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	16.77	/	/	9.66	/	/	<=34.77	Pass
		Edge_1RB_Right	16.63	/	/	9.52	/	/	<=34.77	Pass
		Outer_Full	16.89	/	/	9.78	/	/	<=34.77	Pass
		Inner_Full	16.90	/	/	9.79	/	/	<=34.77	Pass
		Inner_1RB_Left	16.80	/	/	9.69	/	/	<=34.77	Pass
		Inner_1RB_Right	16.70	/	/	9.59	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant2: -4.96dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_15M

5G NR n12 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	707.5	Outer_Full	20	LV	-1.40	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-2.33	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-0.18	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-1.05	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-1.36	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-0.08	-0.0001	>=-2.5 & <=2.5	Pass
			10	NV	-2.36	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-1.77	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-2.25	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-0.33	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-0.69	-0.0010	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	4.50	5.01	/	Pass
DFT-s-OFDM QPSK	707.5	Outer_Full	4.54	4.99	/	Pass
DFT-s-OFDM 16 QAM	707.5	Outer_Full	4.55	5.00	/	Pass
DFT-s-OFDM 64 QAM	707.5	Outer_Full	4.57	4.99	/	Pass
DFT-s-OFDM 256 QAM	707.5	Outer_Full	4.56	4.98	/	Pass
CP-OFDM QPSK	707.5	Outer_Full	4.53	5.00	/	Pass
CP-OFDM 16 QAM	707.5	Outer_Full	4.52	4.95	/	Pass
CP-OFDM 64 QAM	707.5	Outer_Full	4.51	4.99	/	Pass
CP-OFDM 256 QAM	707.5	Outer_Full	4.55	4.95	/	Pass

3.1.2 15_S_10M_NTNV

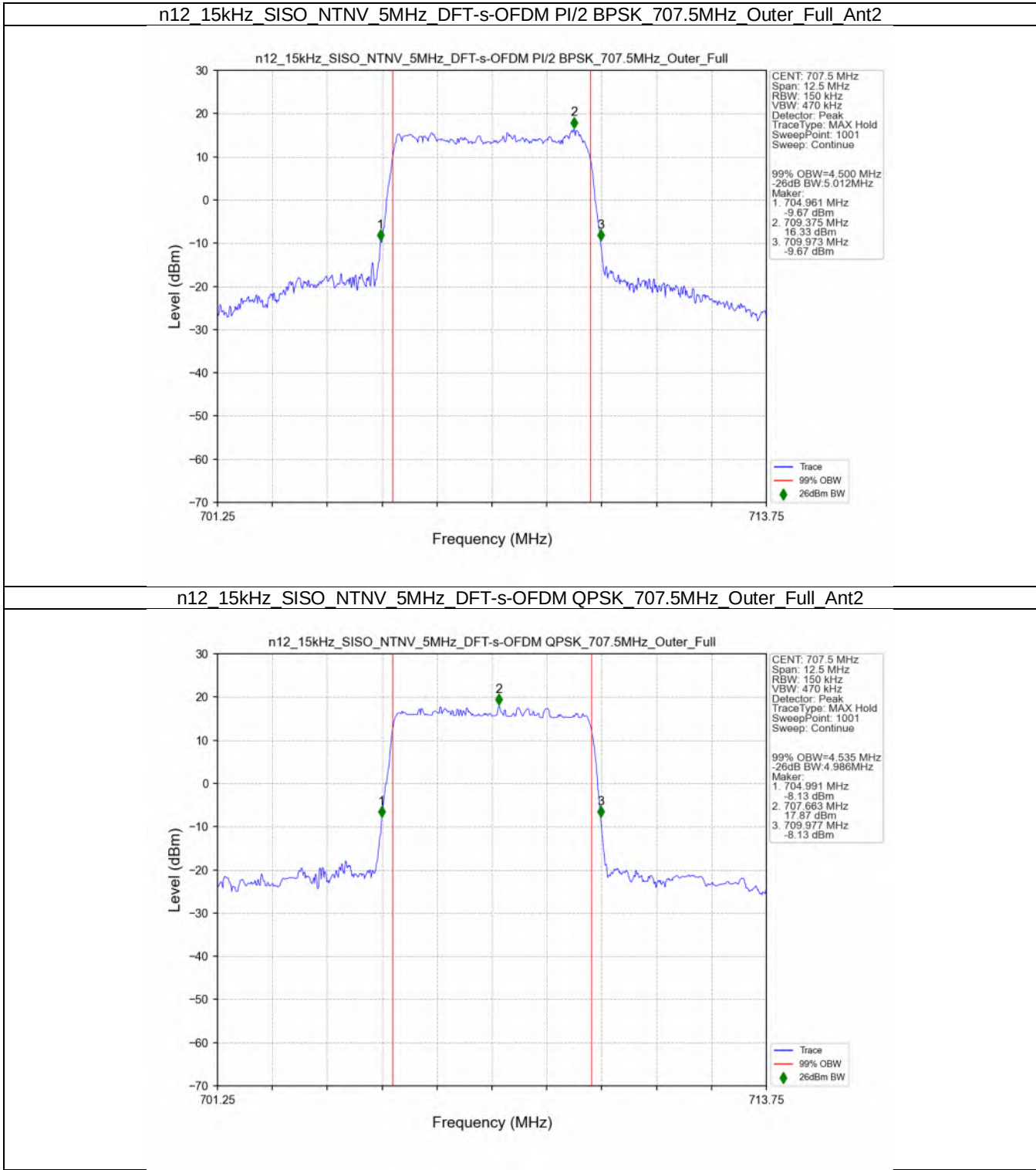
5G NR n12 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	9.02	9.72	/	Pass
DFT-s-OFDM QPSK	707.5	Outer_Full	9.04	9.70	/	Pass
DFT-s-OFDM 16 QAM	707.5	Outer_Full	9.03	9.71	/	Pass
DFT-s-OFDM 64 QAM	707.5	Outer_Full	9.05	9.69	/	Pass
DFT-s-OFDM 256 QAM	707.5	Outer_Full	9.06	9.71	/	Pass
CP-OFDM QPSK	707.5	Outer_Full	9.36	10.06	/	Pass
CP-OFDM 16 QAM	707.5	Outer_Full	9.40	10.11	/	Pass
CP-OFDM 64 QAM	707.5	Outer_Full	9.35	10.05	/	Pass
CP-OFDM 256 QAM	707.5	Outer_Full	9.35	10.09	/	Pass

3.1.3 15_S_15M_NTNV

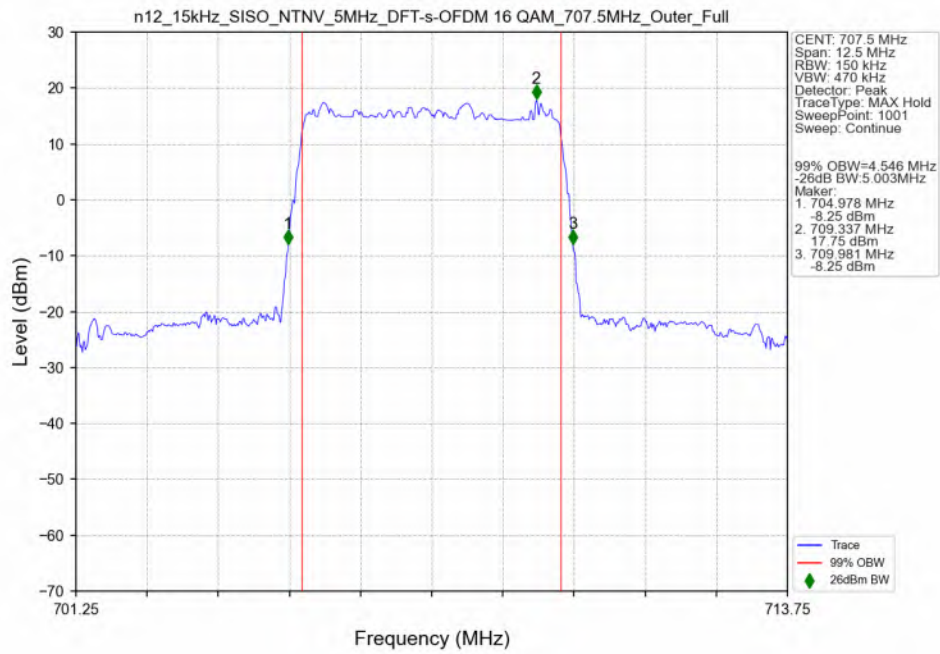
5G NR n12 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	13.51	14.54	/	Pass
DFT-s-OFDM QPSK	707.5	Outer_Full	13.53	14.60	/	Pass
DFT-s-OFDM 16 QAM	707.5	Outer_Full	13.58	14.64	/	Pass
DFT-s-OFDM 64 QAM	707.5	Outer_Full	13.57	14.58	/	Pass
DFT-s-OFDM 256 QAM	707.5	Outer_Full	13.57	14.63	/	Pass
CP-OFDM QPSK	707.5	Outer_Full	14.26	15.32	/	Pass
CP-OFDM 16 QAM	707.5	Outer_Full	14.25	15.31	/	Pass
CP-OFDM 64 QAM	707.5	Outer_Full	14.23	15.27	/	Pass
CP-OFDM 256 QAM	707.5	Outer_Full	14.23	15.29	/	Pass

3.2 Test Graph

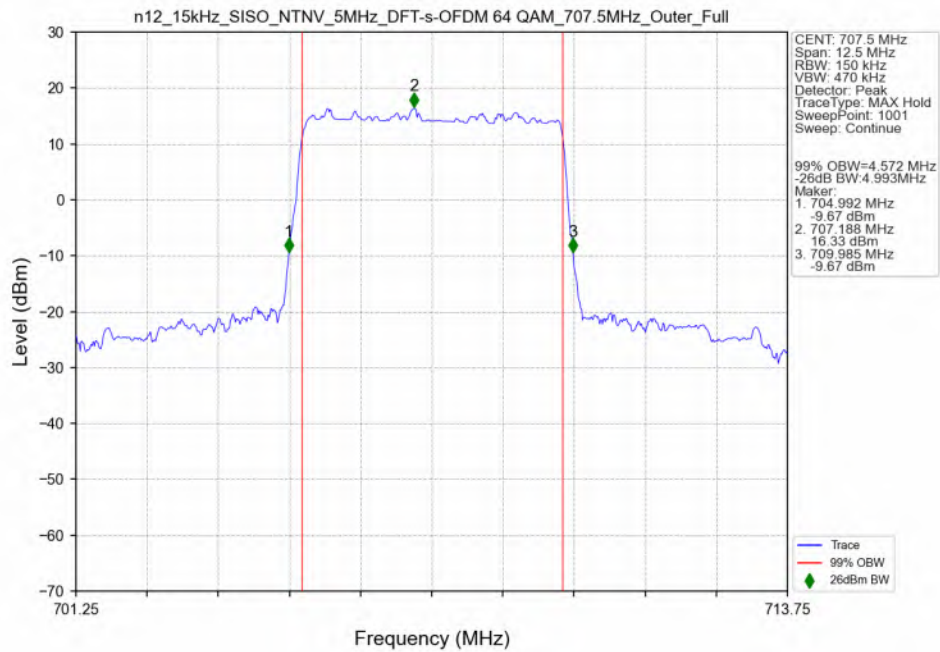
3.2.1 15_S_5M_NTNV



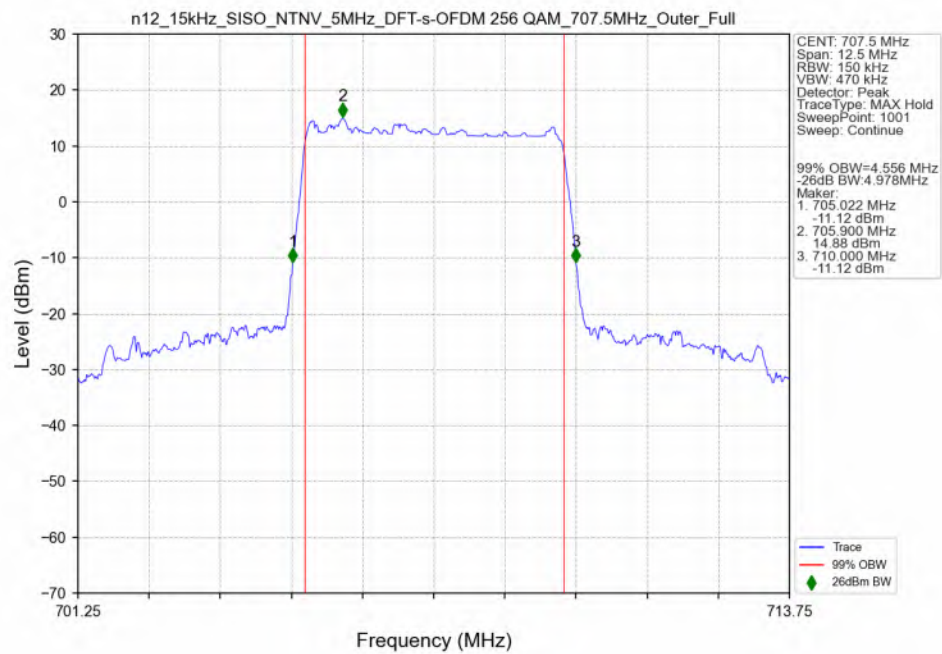
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 707.5MHz_Outer_Full_Ant2



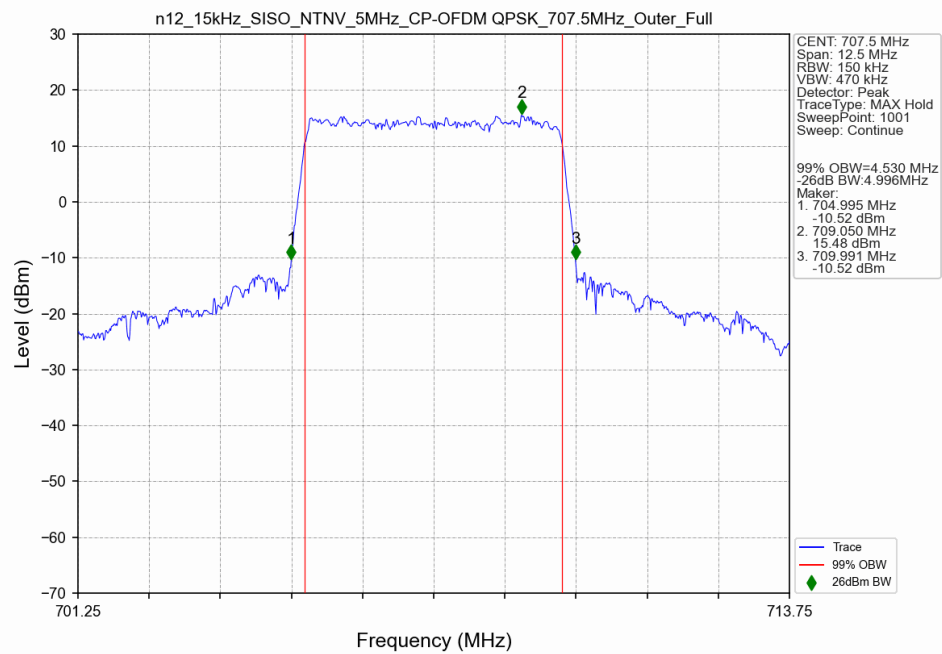
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 707.5MHz_Outer_Full_Ant2



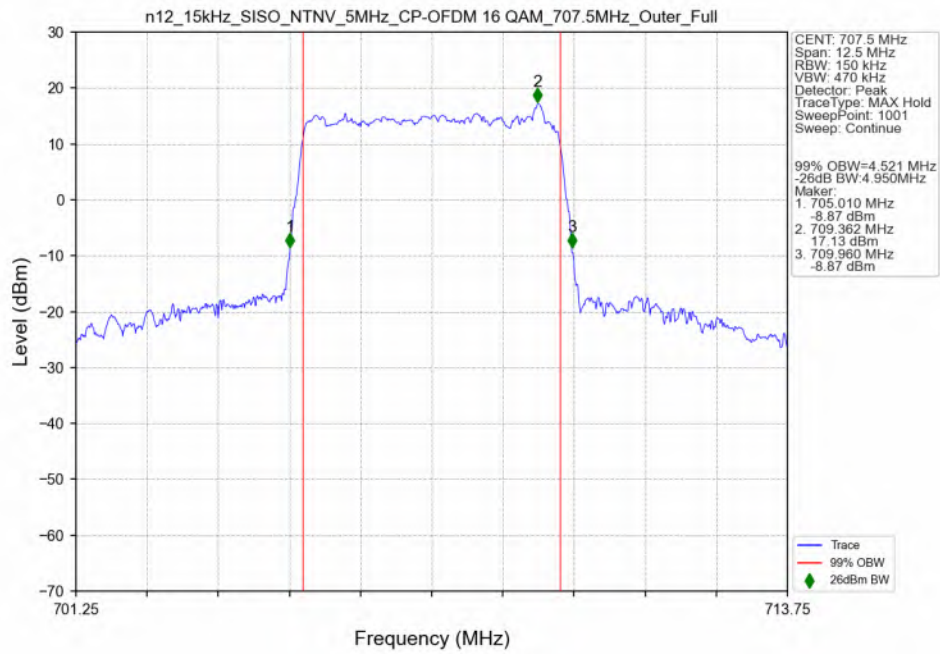
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_707.5MHz_Outer_Full_Ant2



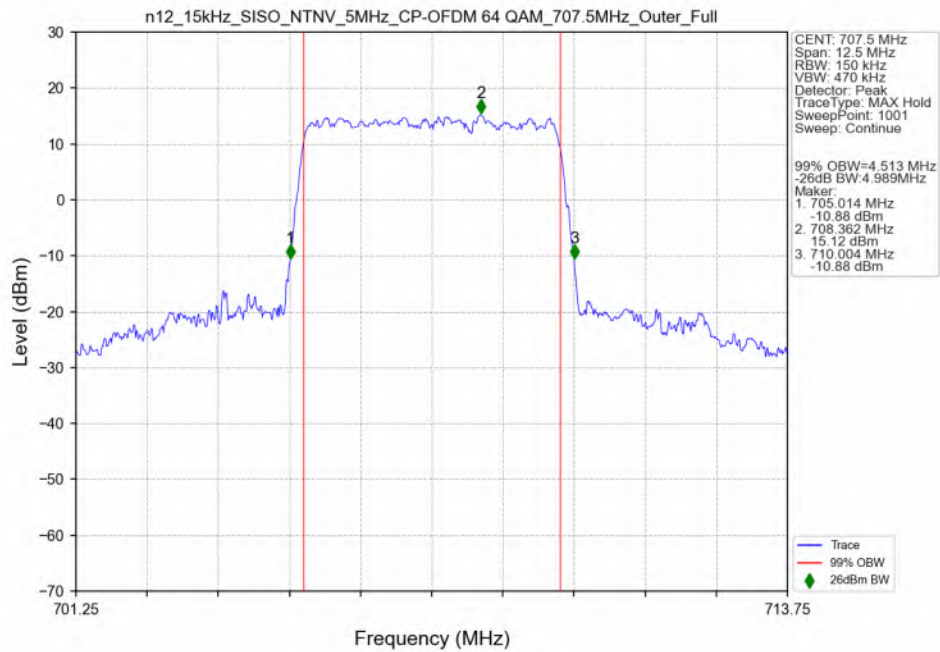
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_707.5MHz_Outer_Full_Ant2



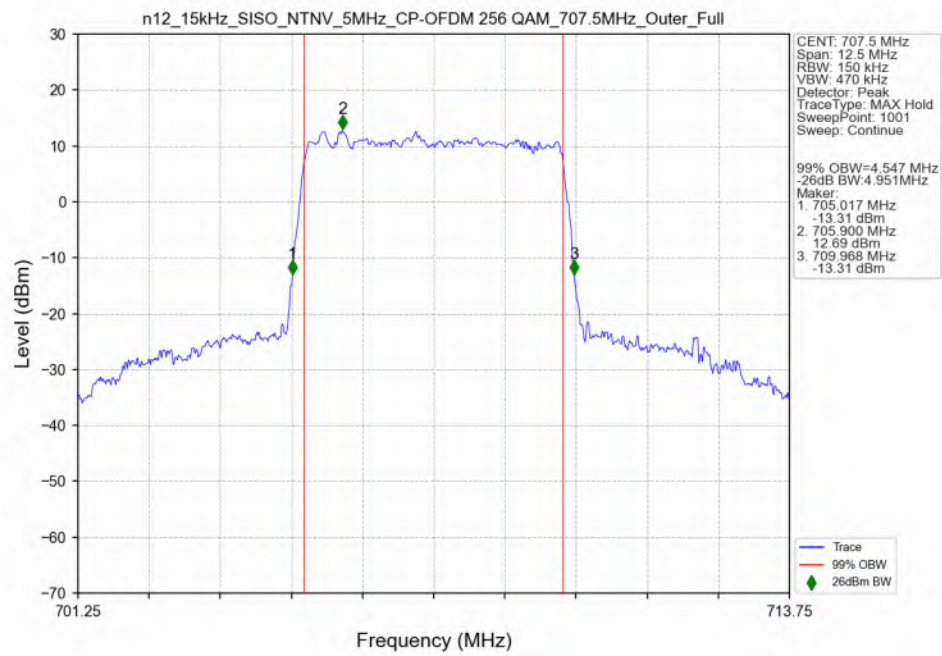
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 707.5MHz Outer Full Ant2



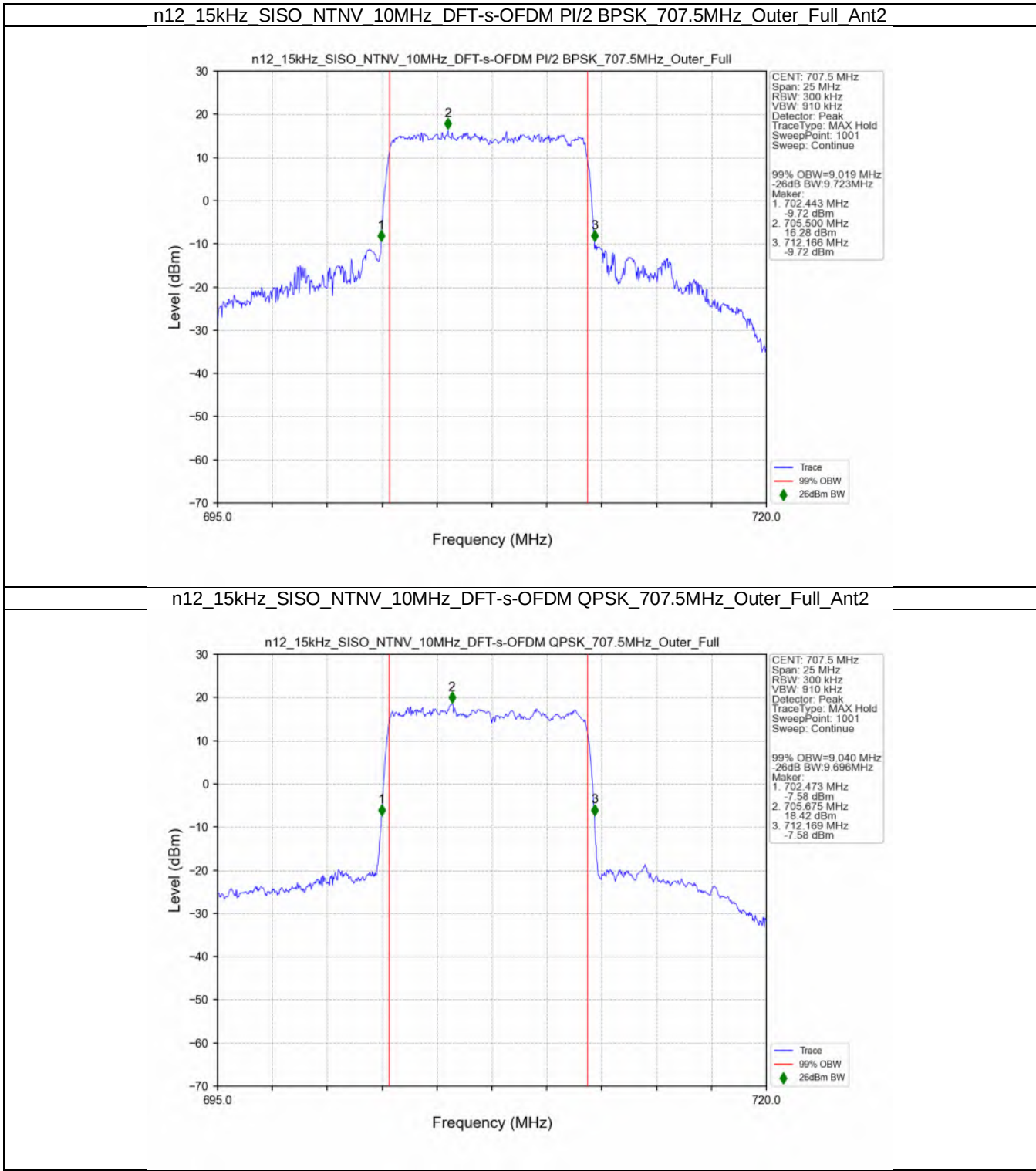
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 707.5MHz Outer Full Ant2



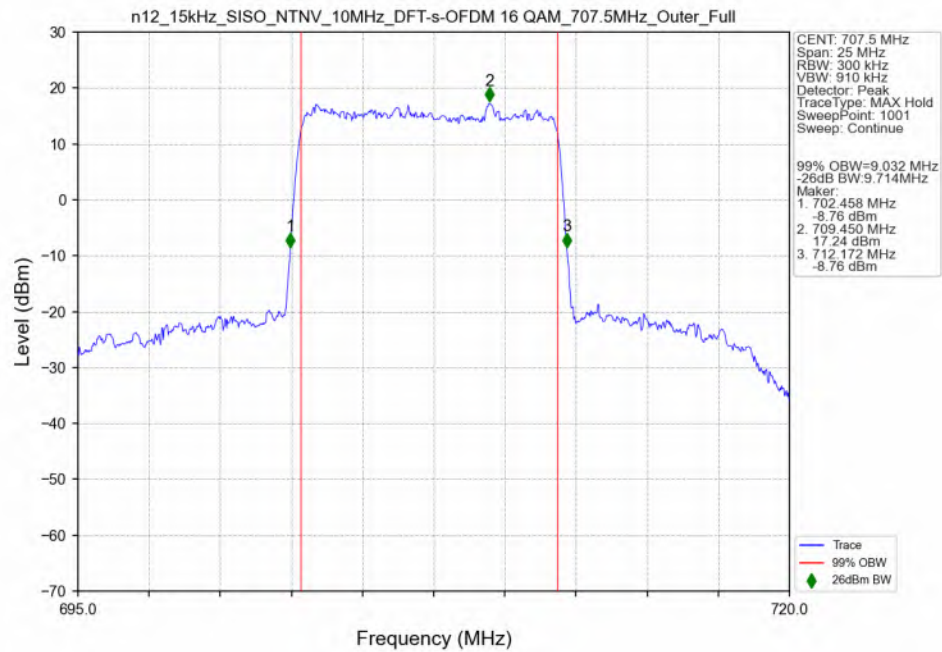
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_707.5MHz_Outer_Full_Ant2



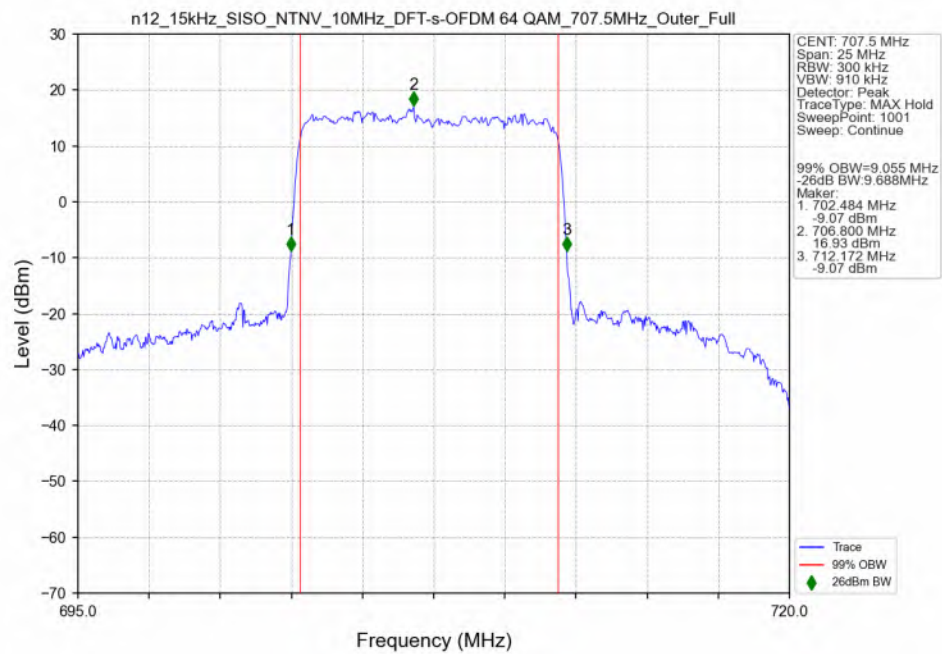
3.2.2 15_S_10M_NTNV



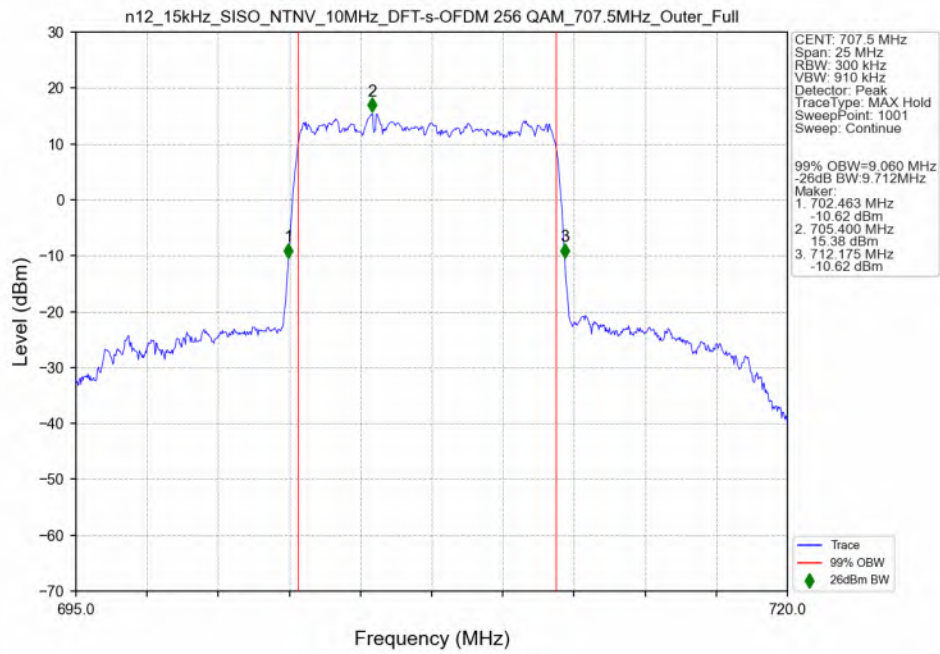
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 707.5MHz_Outer_Full_Ant2



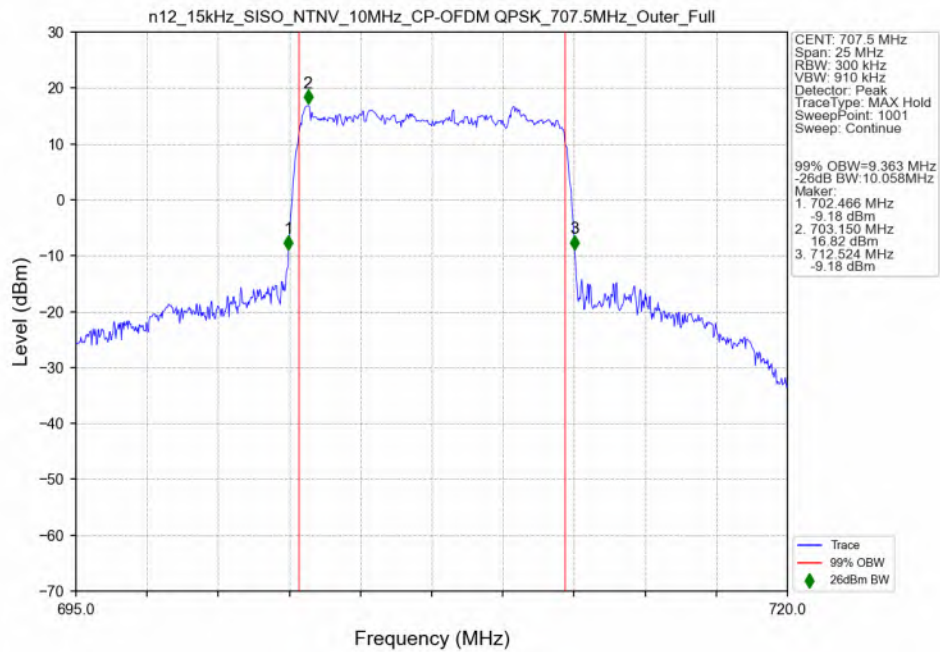
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 707.5MHz_Outer_Full_Ant2



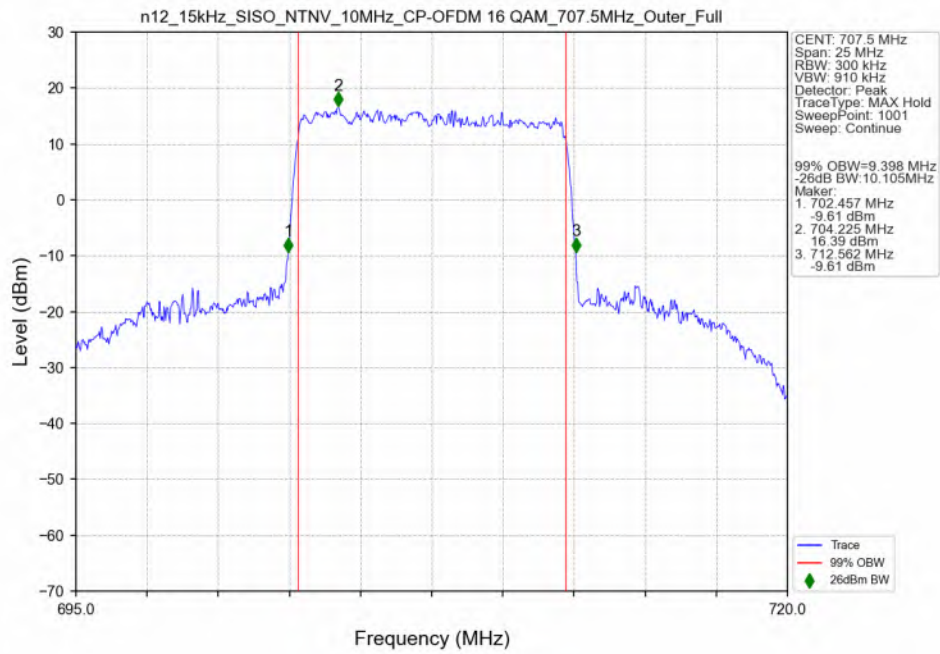
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_707.5MHz_Outer_Full_Ant2



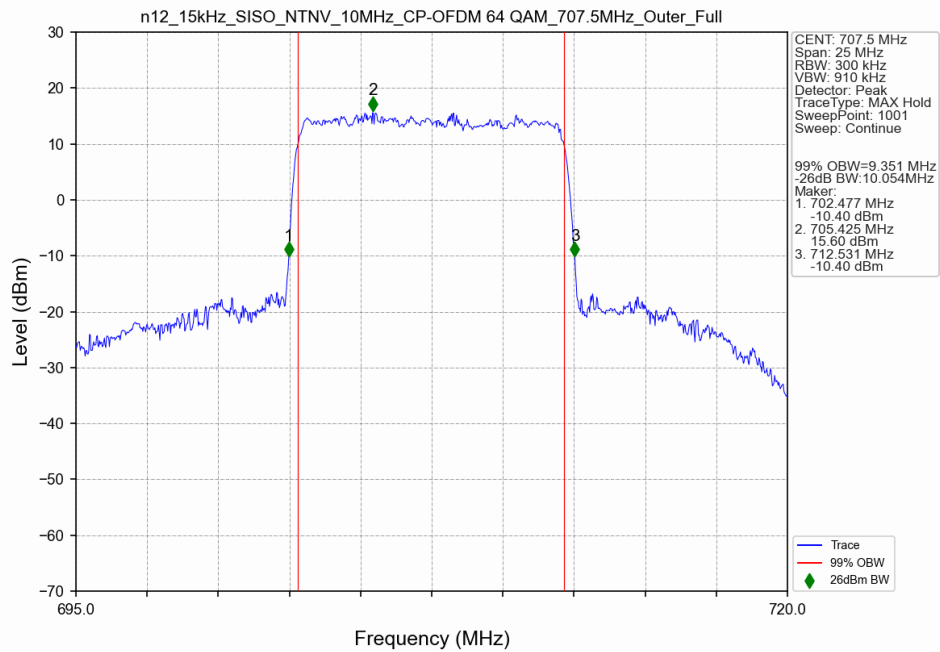
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_707.5MHz_Outer_Full_Ant2



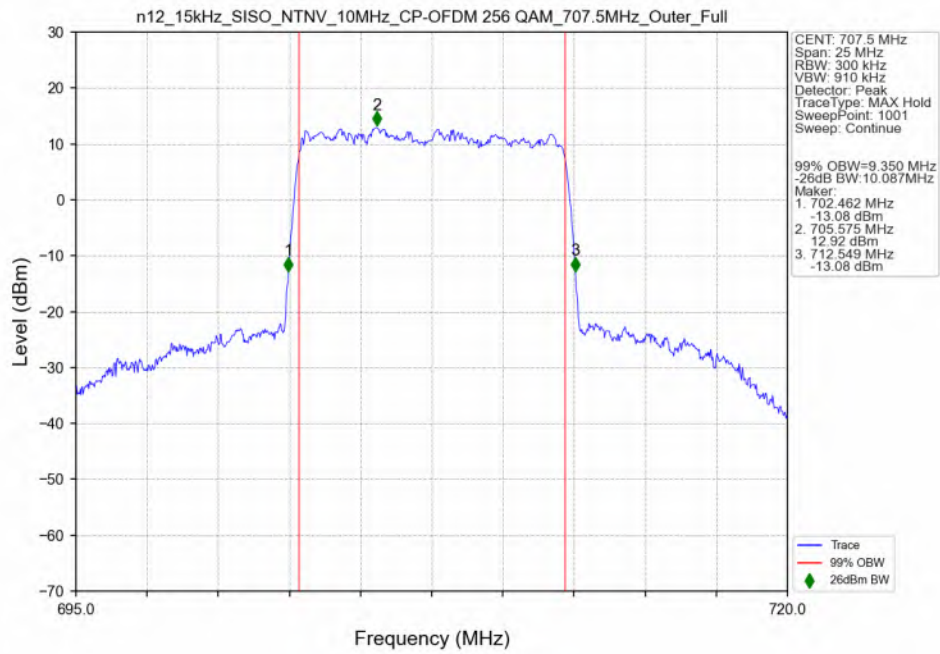
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_16QAM_707.5MHz_Outer_Full_Ant2



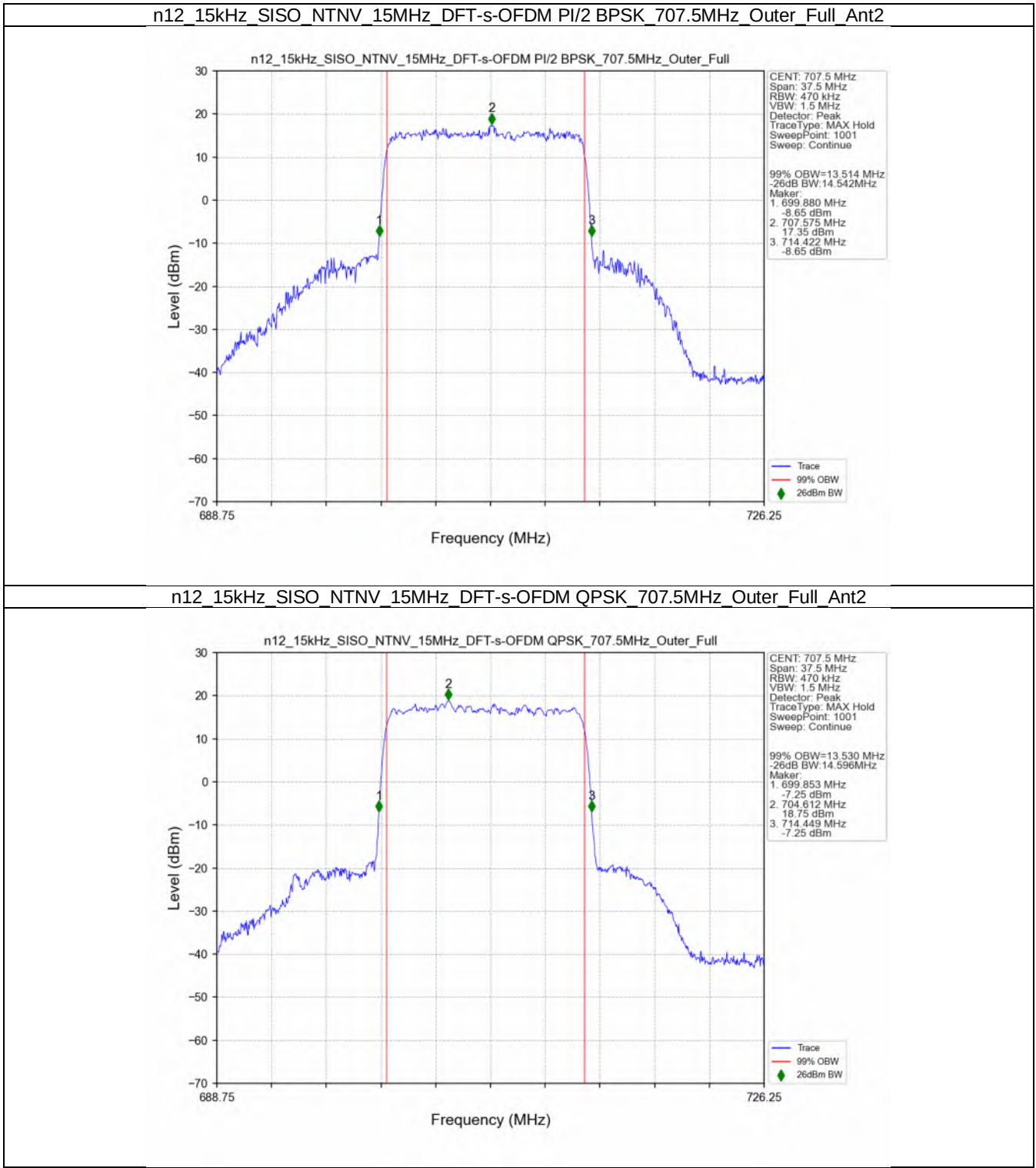
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_64QAM_707.5MHz_Outer_Full_Ant2



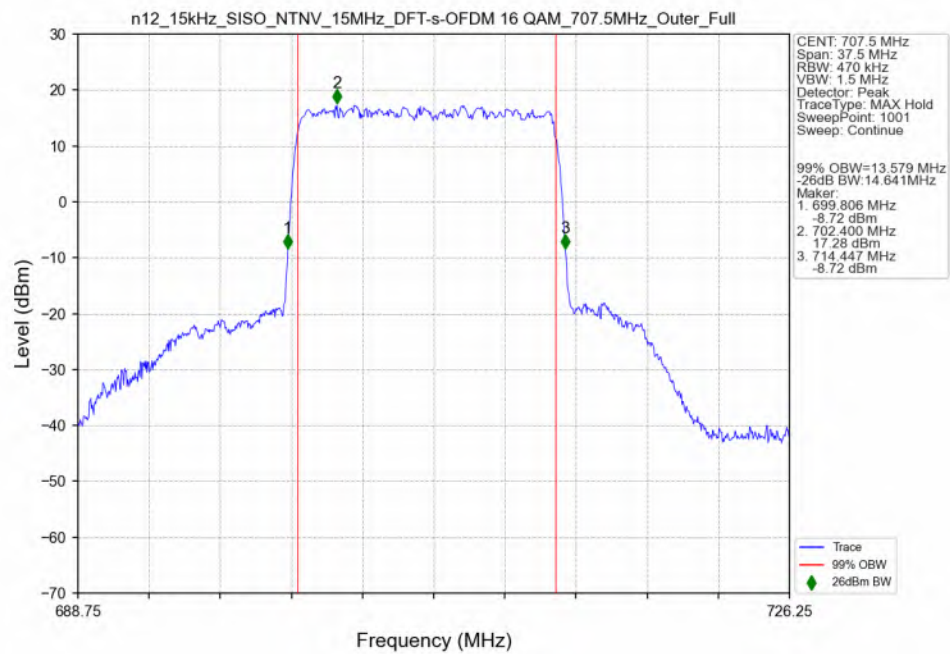
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_707.5MHz_Outer_Full_Ant2



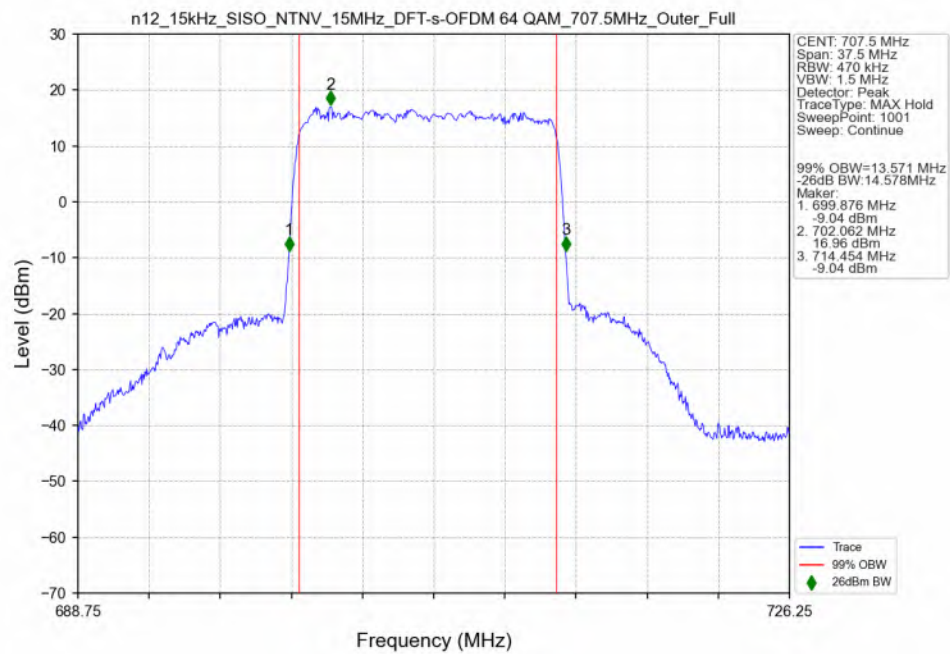
3.2.3 15_S_15M_NTNV



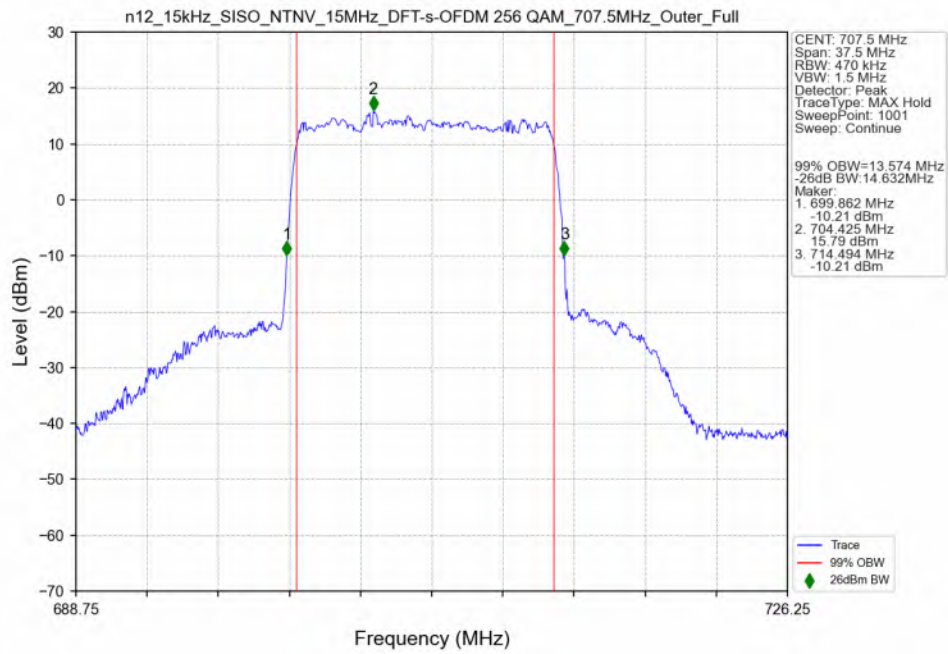
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 707.5MHz_Outer_Full_Ant2



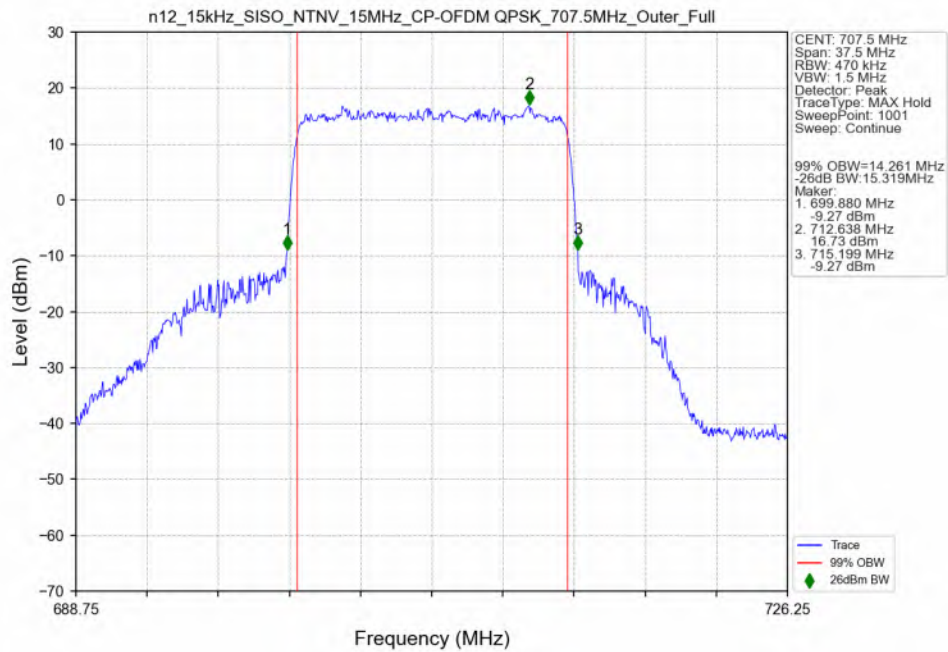
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 707.5MHz_Outer_Full_Ant2



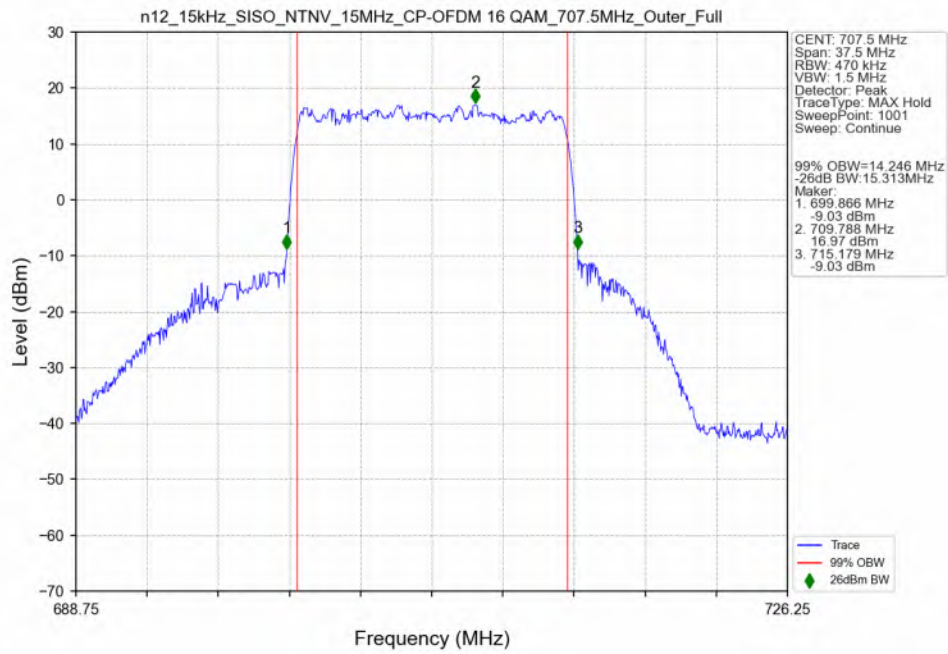
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_707.5MHz_Outer_Full_Ant2



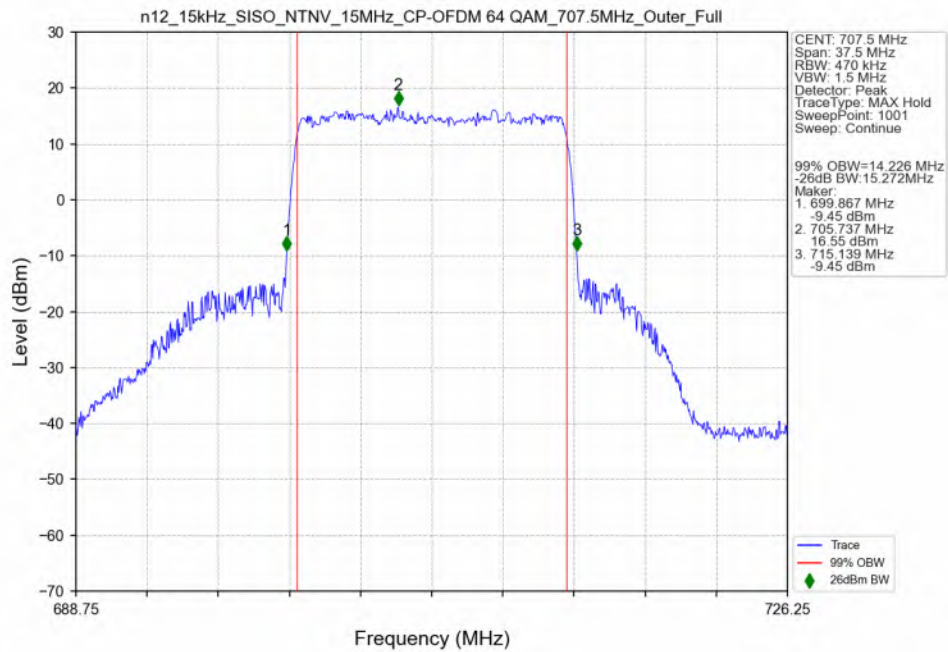
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_707.5MHz_Outer_Full_Ant2



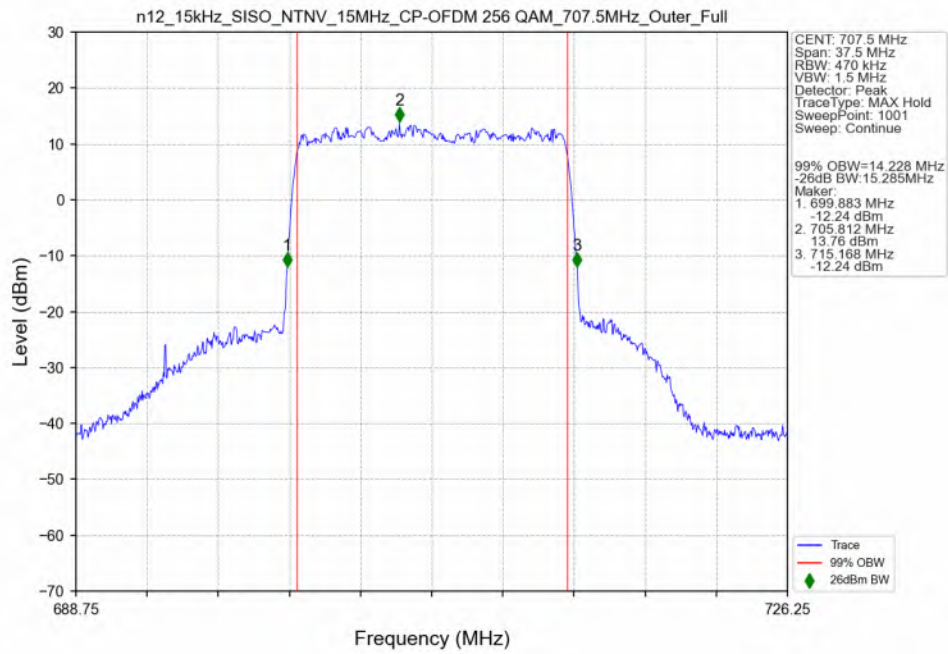
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_707.5MHz_Outer_Full_Ant2



n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_707.5MHz_Outer_Full_Ant2



n12 15kHz SISO NTV 15MHz CP-OFDM 256 QAM 707.5MHz Outer Full Ant2



4. Peak-Average Ratio

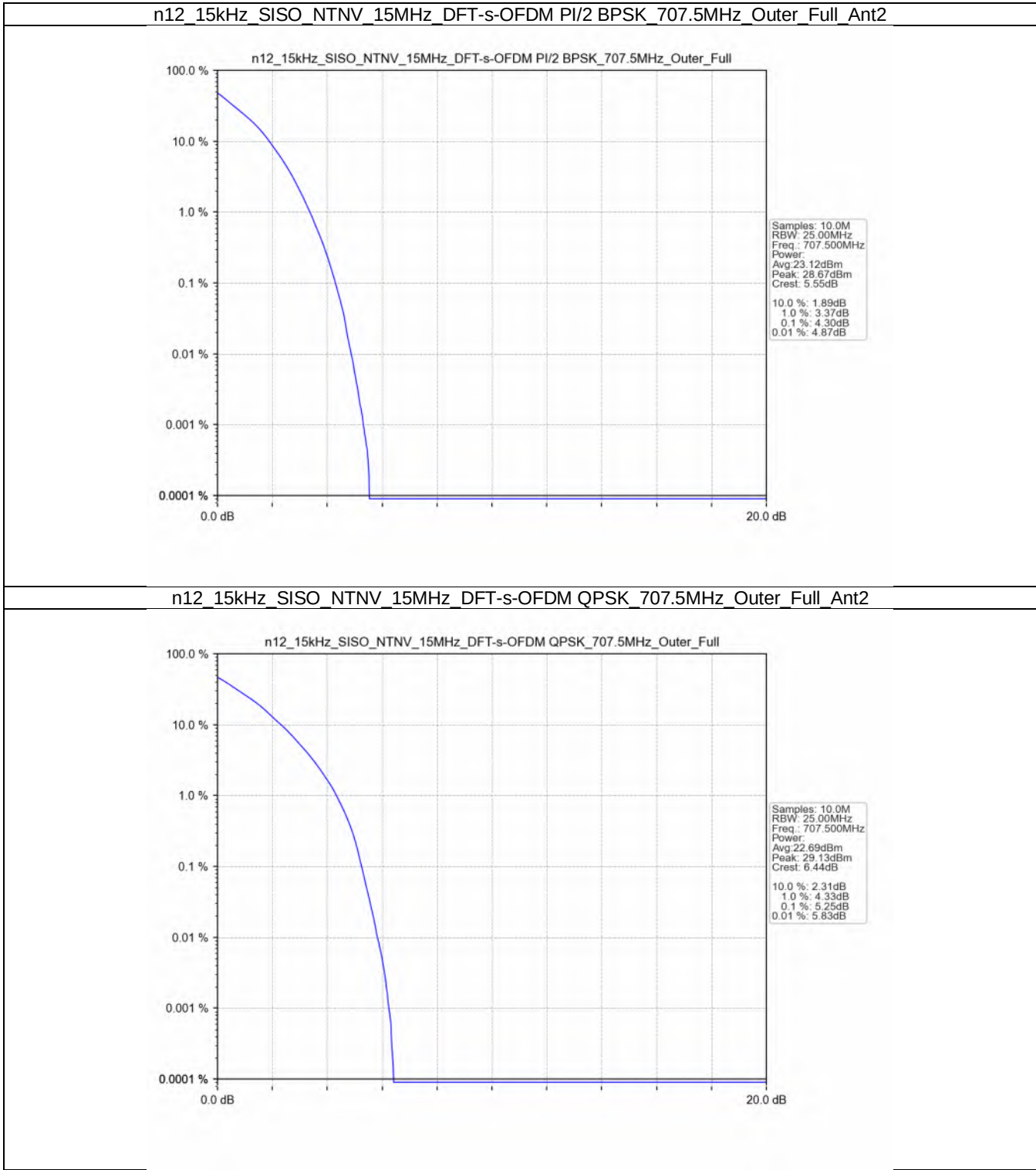
4.1 Test Result

4.1.1 15_S_15M_NTNV

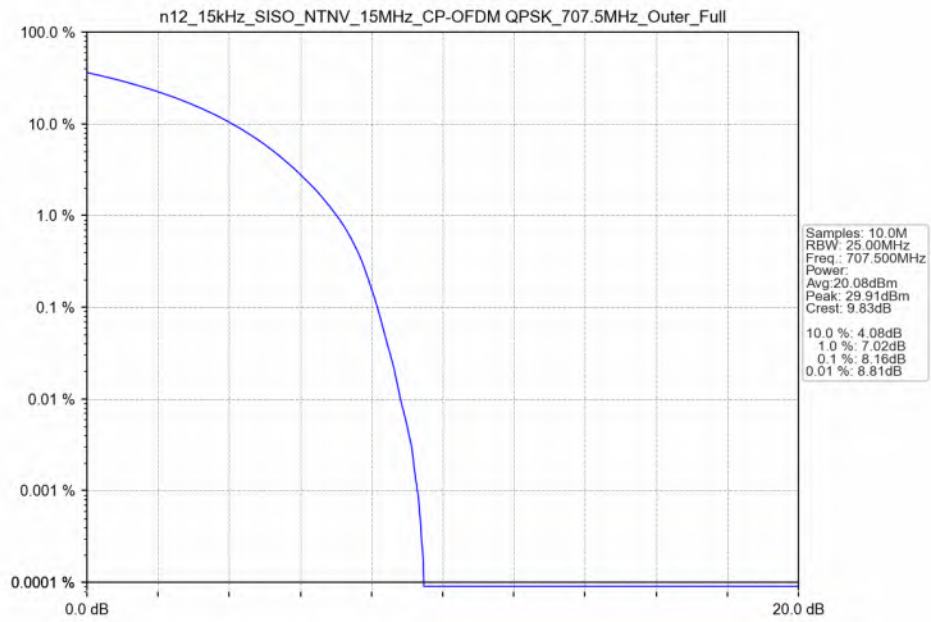
5G NR n12 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	707.5	Outer Full	4.30	/	/	<=13	Pass
DFT-s-OFDM QPSK	707.5	Outer Full	5.25	/	/	<=13	Pass
CP-OFDM QPSK	707.5	Outer Full	8.16	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_15M_NTNV



n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 707.5MHz Outer Full Ant2



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
	713.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
	713.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
	713.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_10M_NTNV

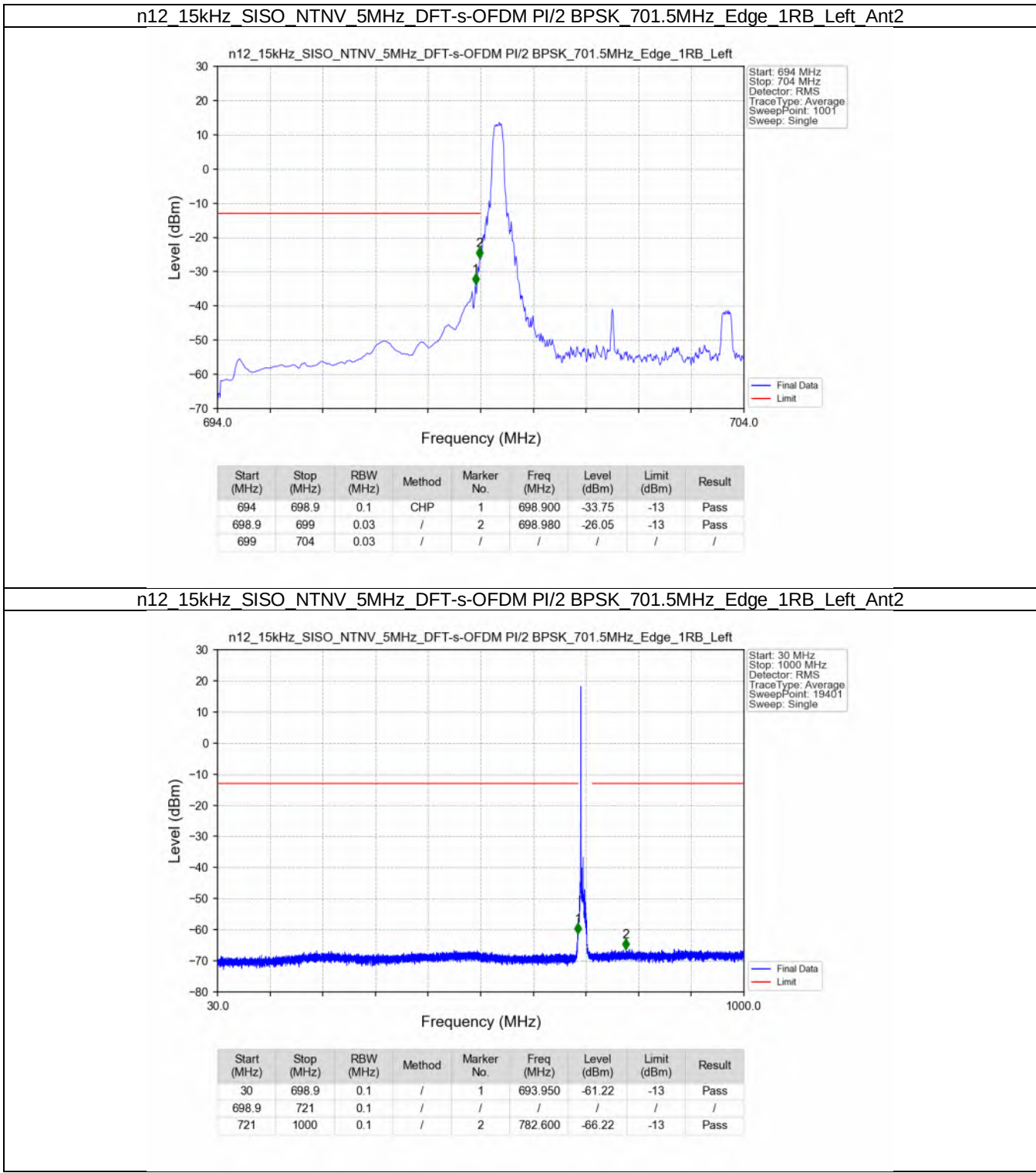
5G NR n12 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
	711	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	704	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
	711	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	704	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
	711	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.3 15_S_15M_NTNV

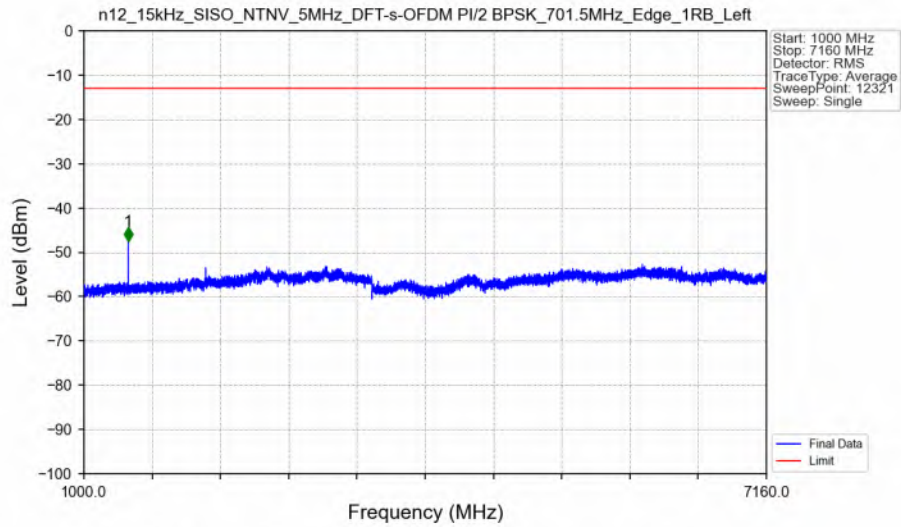
5G NR n12 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	706.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		708.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	706.5	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
707.5		Edge_1RB_Left	Refer To Test Graph				Pass
		708.5	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		706.5	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		708.5	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass

5.2 Test Graph

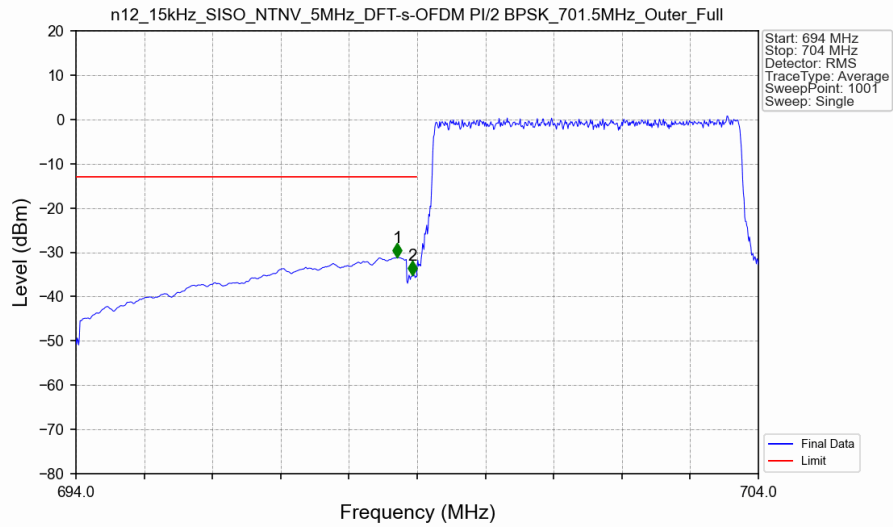
5.2.1 15_S_5M_NTNV



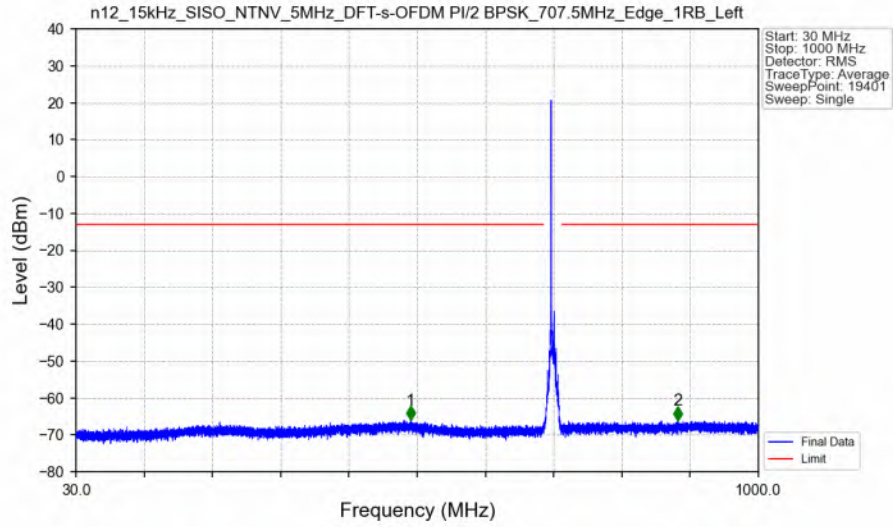
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_701.5MHz_Edge_1RB_Left_Ant2



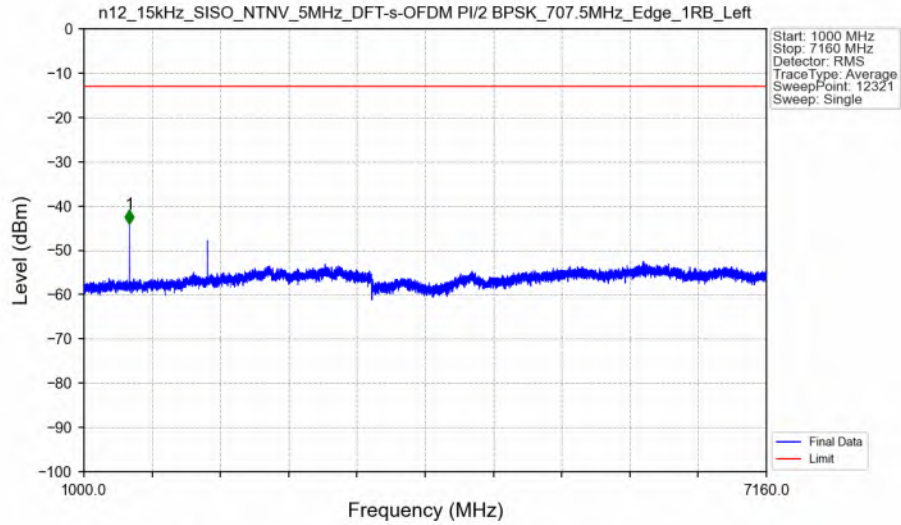
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_701.5MHz_Outer_Full_Ant2



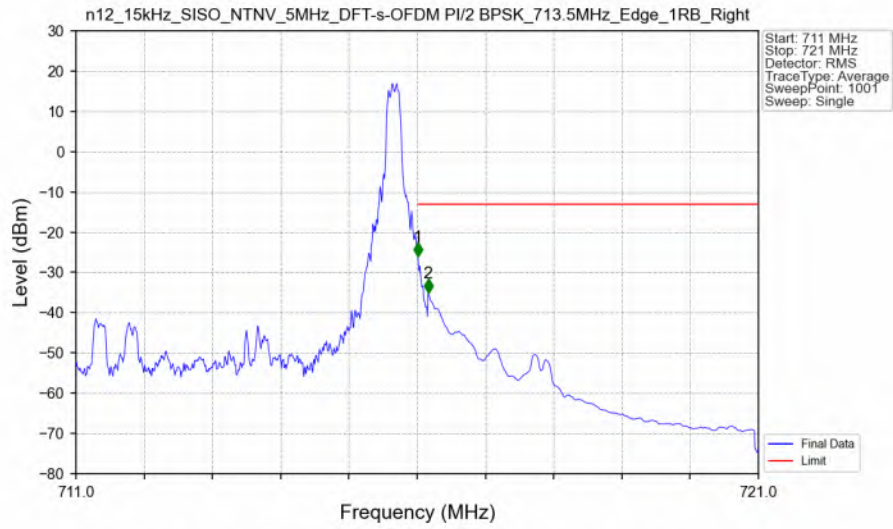
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 707.5MHz_Edge_1RB_Left_Ant2



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left_Ant2

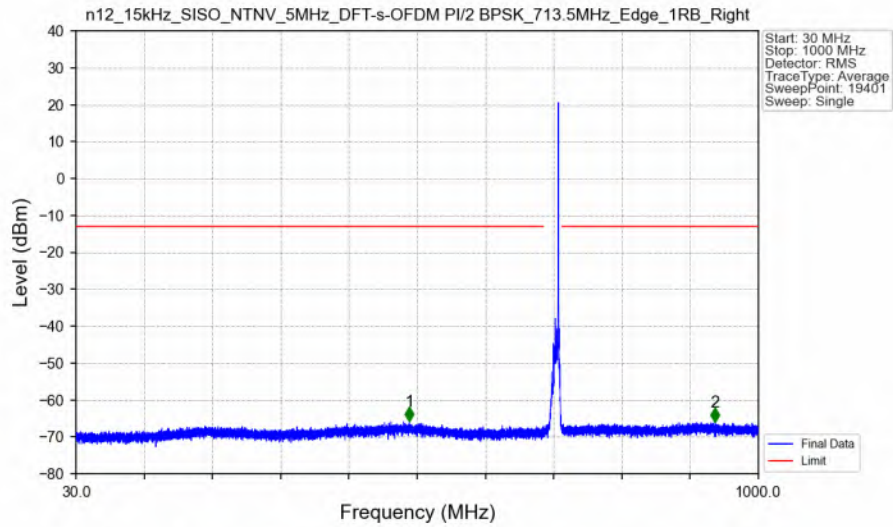


n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Edge_1RB_Right_Ant2



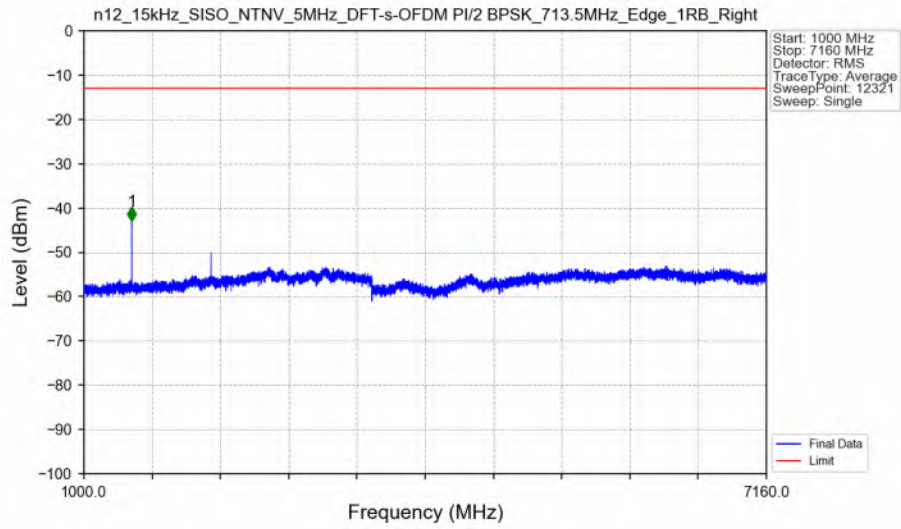
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-26.11	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.04	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Edge_1RB_Right_Ant2



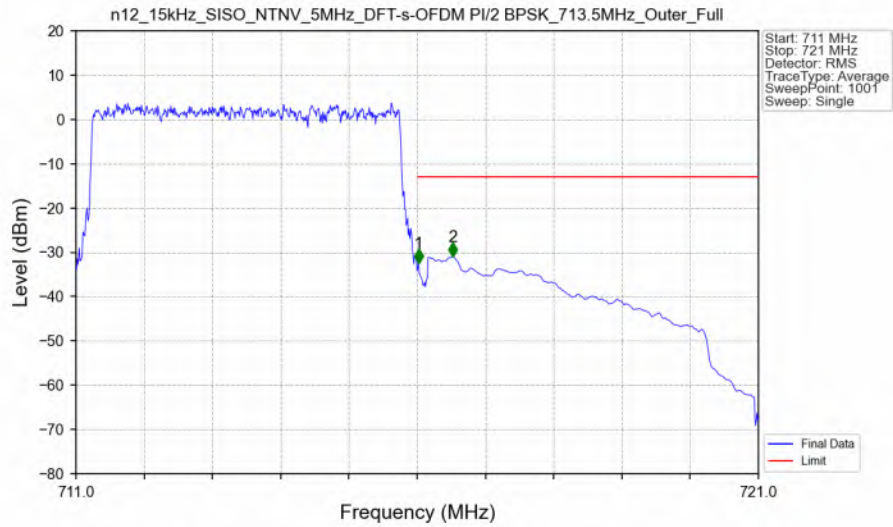
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	503.950	-65.73	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	938.500	-65.94	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Edge_1RB_Right_Ant2



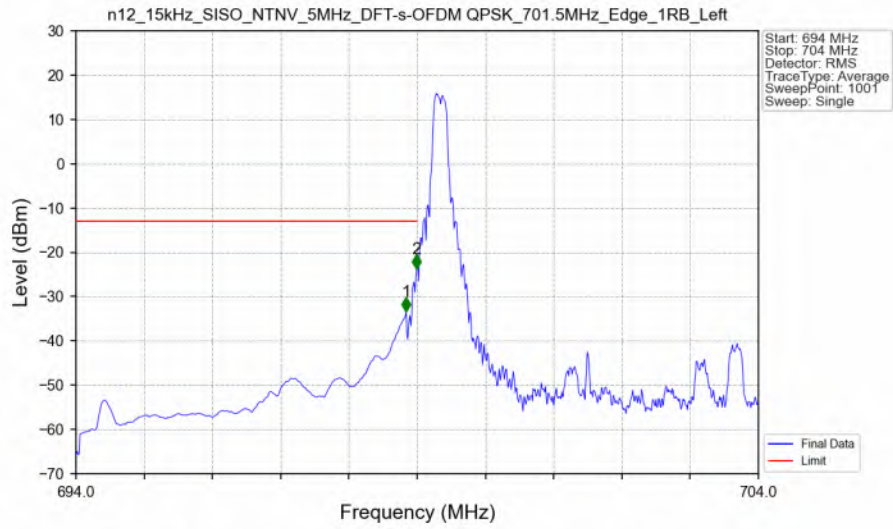
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.500	-42.99	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Outer_Full_Ant2

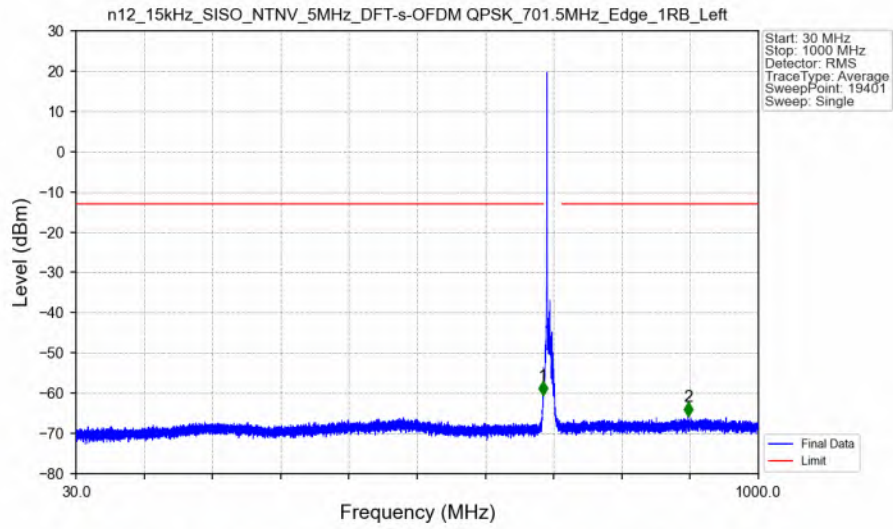


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-32.45	-13	Pass
716.1	721	0.1	CHP	2	716.520	-30.92	-13	Pass

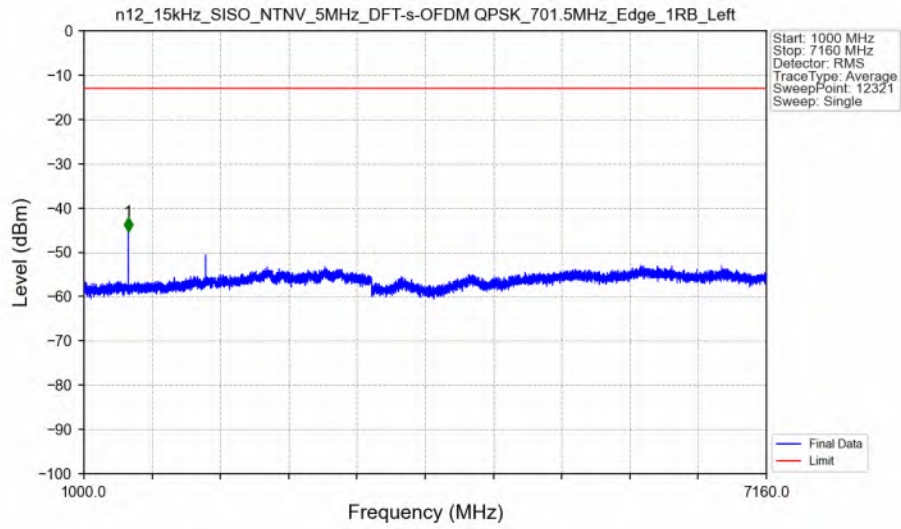
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant2



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant2

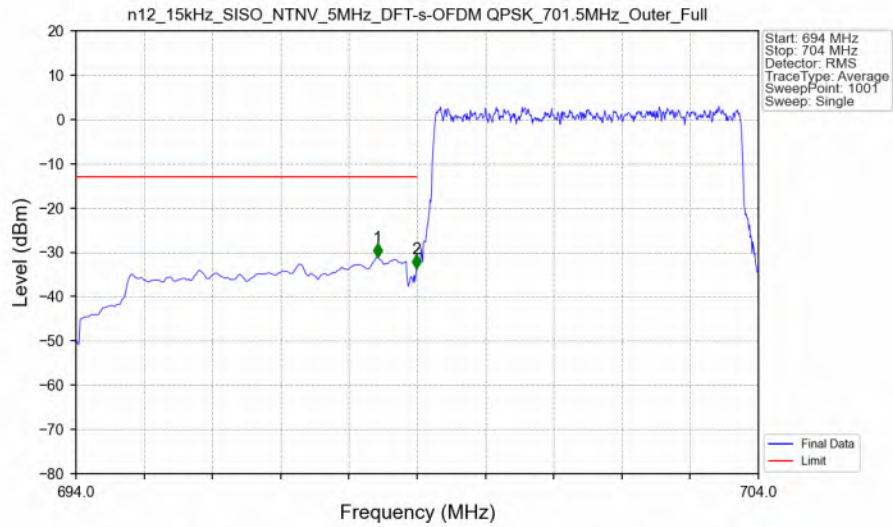


n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant2



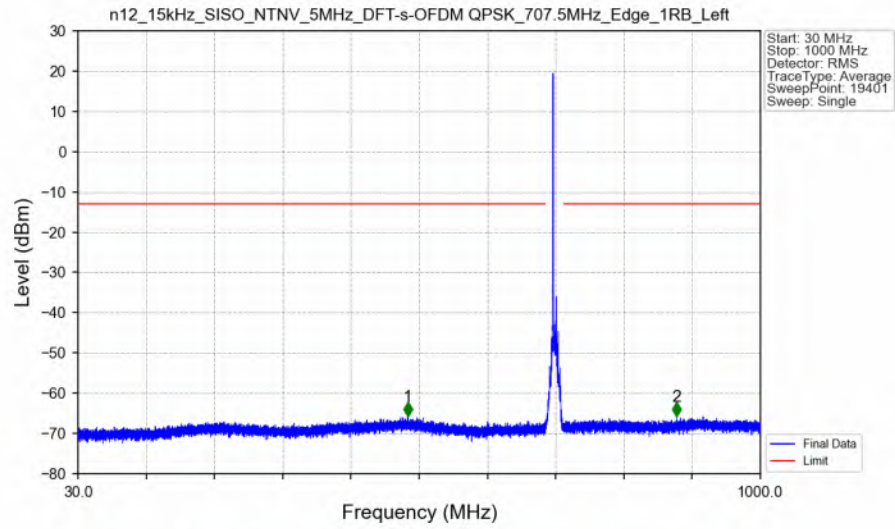
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1399.000	-45.26	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_701.5MHz_Outer_Full_Ant2

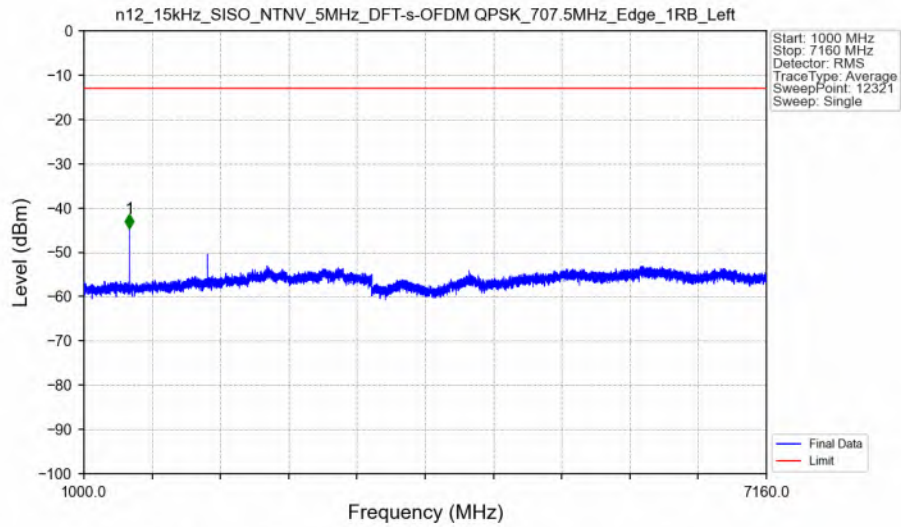


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.420	-31.10	-13	Pass
698.9	699	0.03	/	2	698.990	-33.74	-13	Pass
699	704	0.03	/	/	/	/	/	/

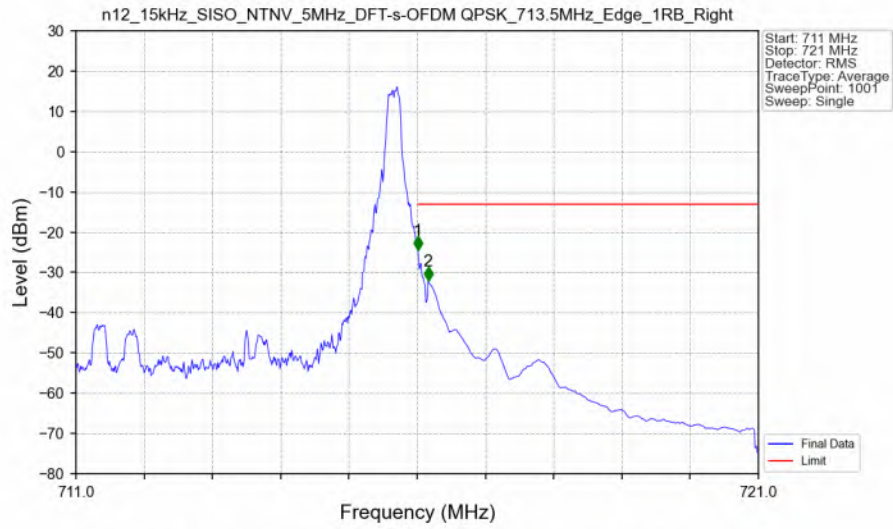
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2

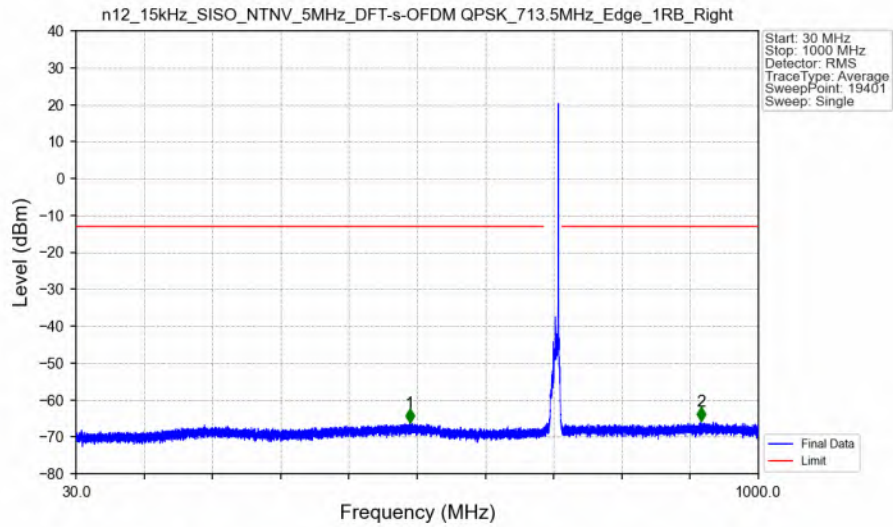


n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant2



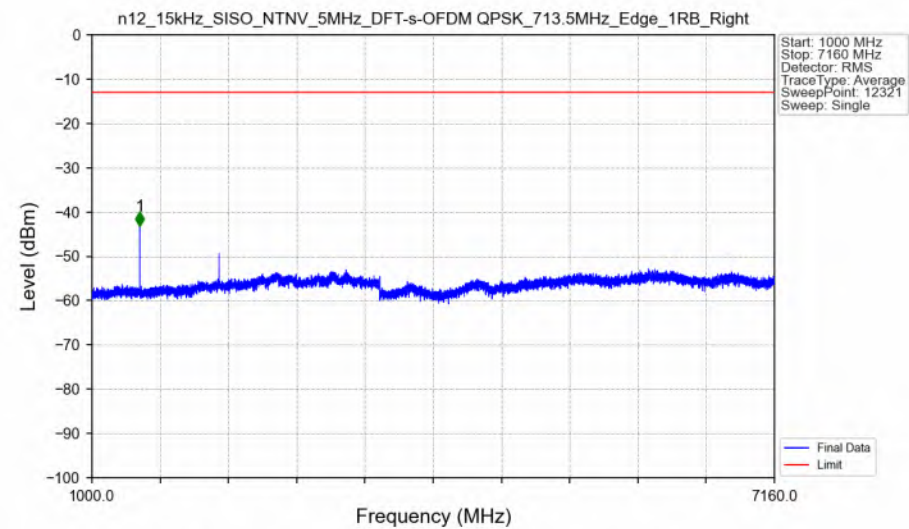
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-24.34	-13	Pass
716.1	721	0.1	CHP	2	716.160	-32.01	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant2



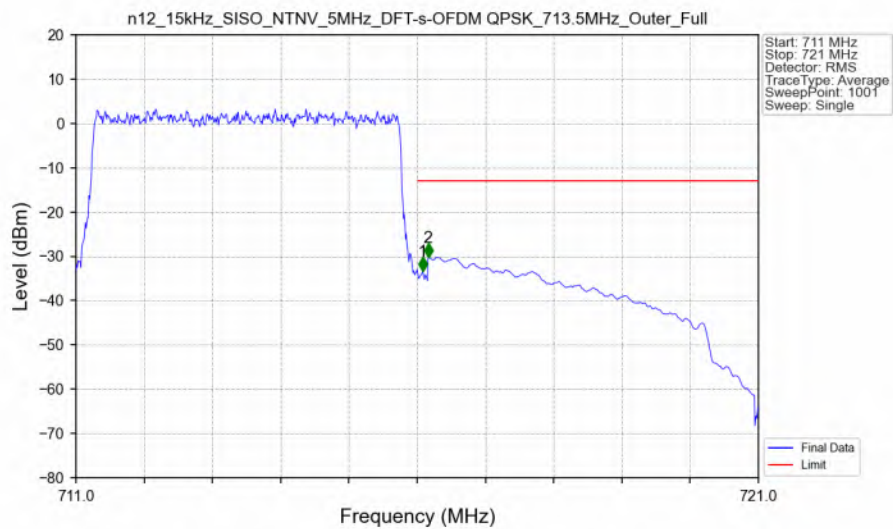
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	504.550	-66.11	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	918.250	-65.65	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant2



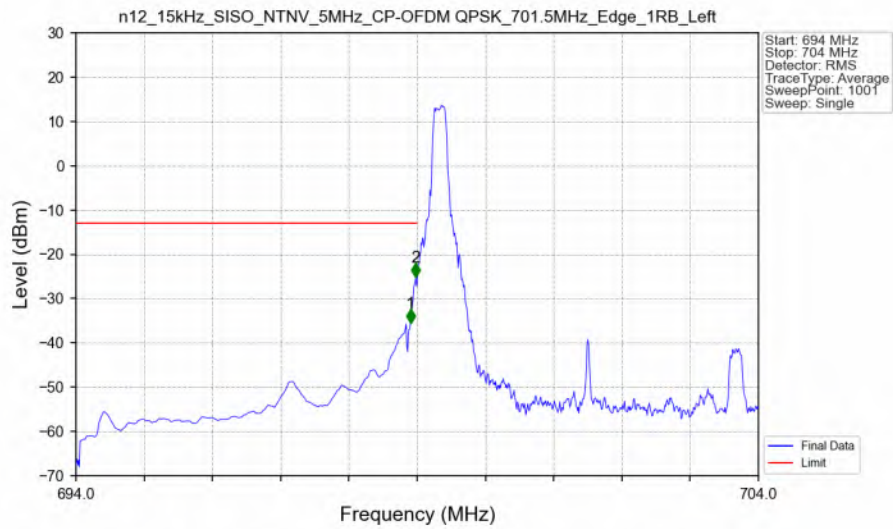
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.500	-43.14	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_713.5MHz_Outer_Full_Ant2

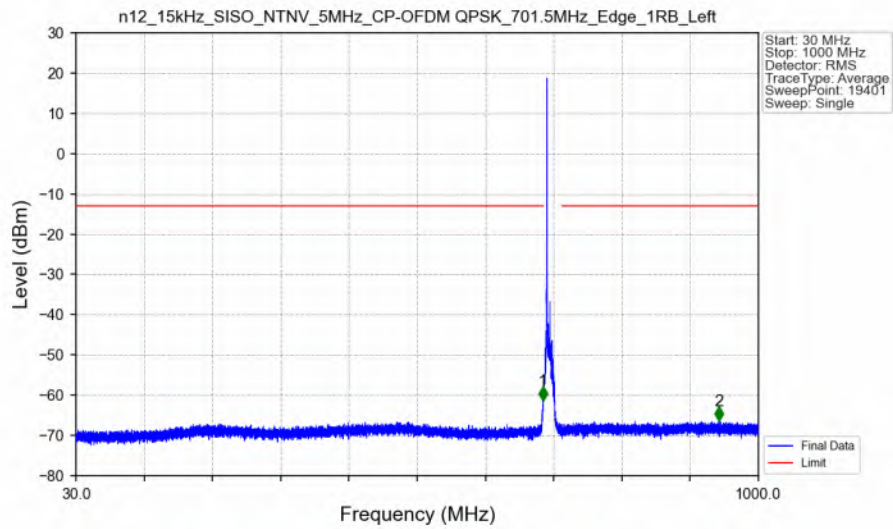


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.080	-33.37	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.19	-13	Pass

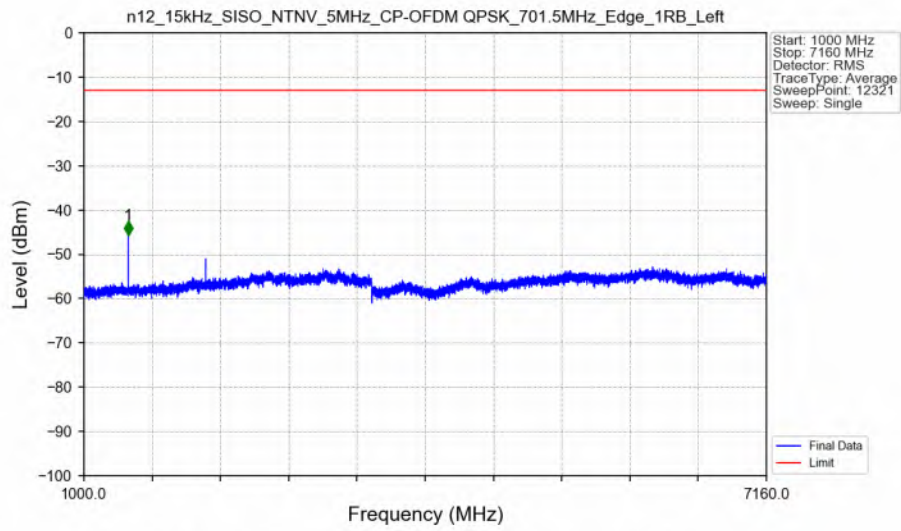
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant2



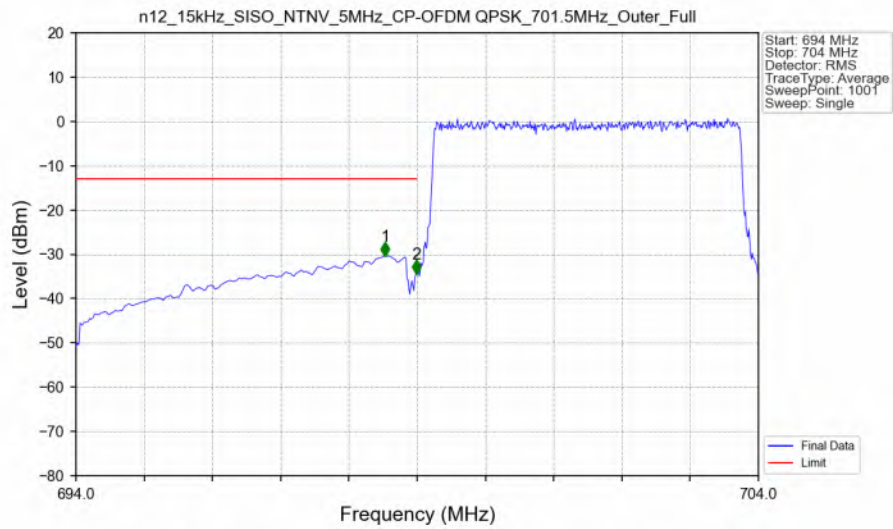
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant2



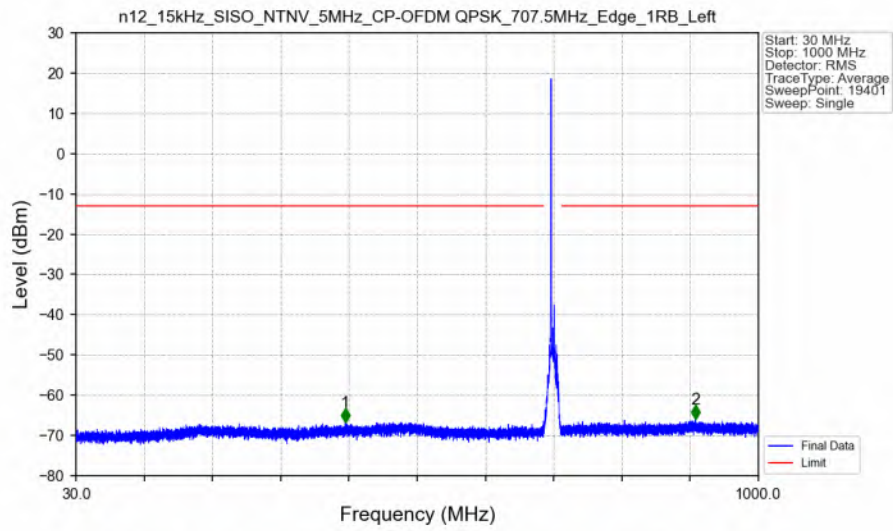
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant2



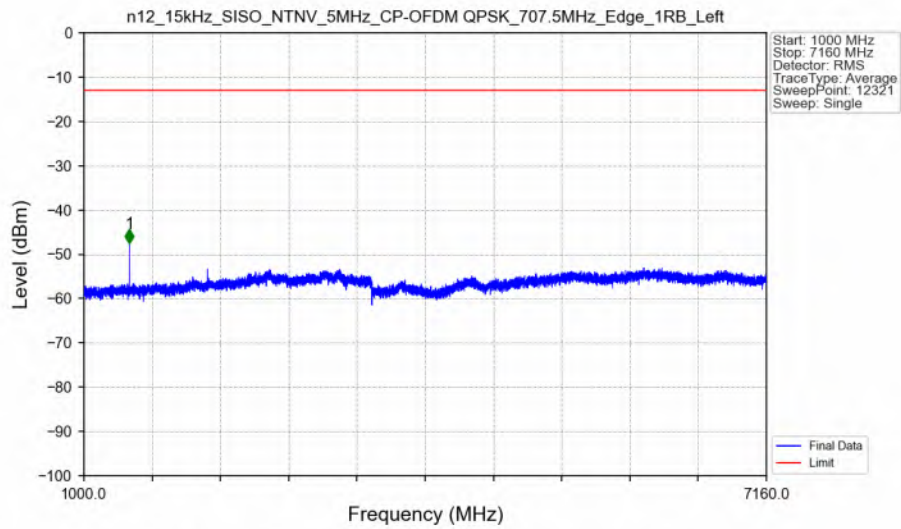
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_701.5MHz_Outer_Full_Ant2



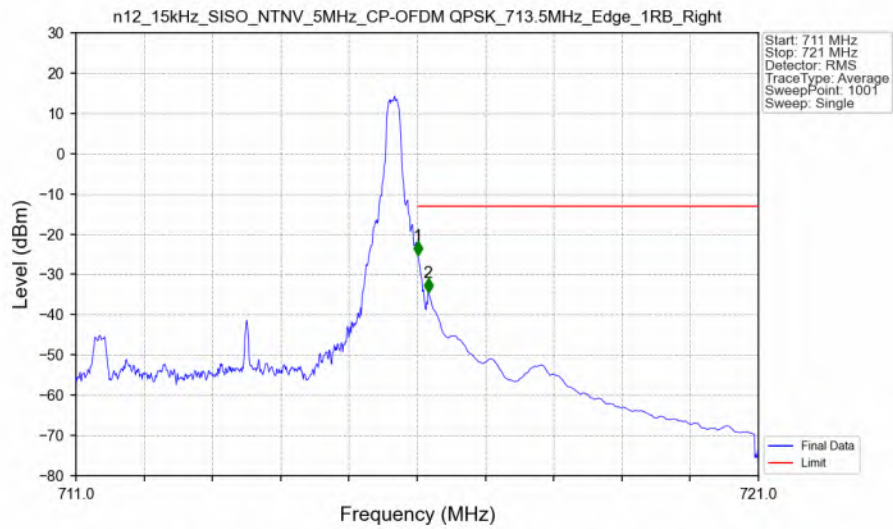
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2



n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2

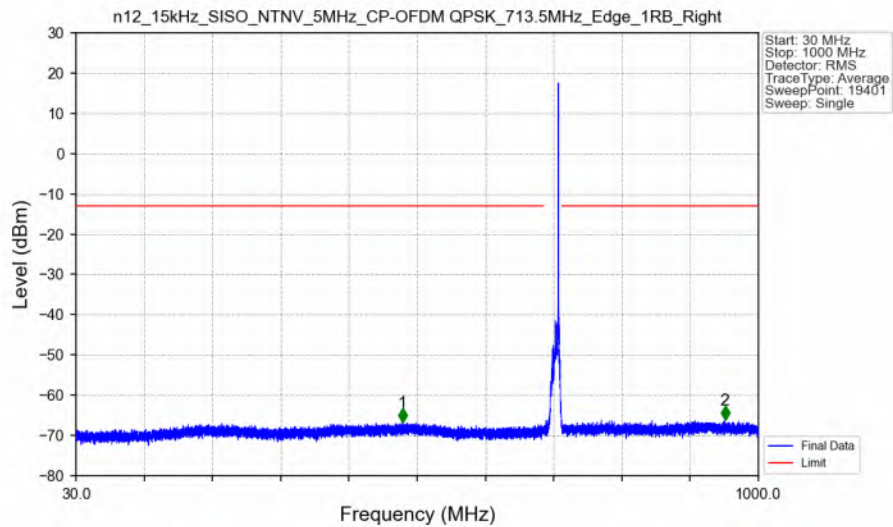


n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant2



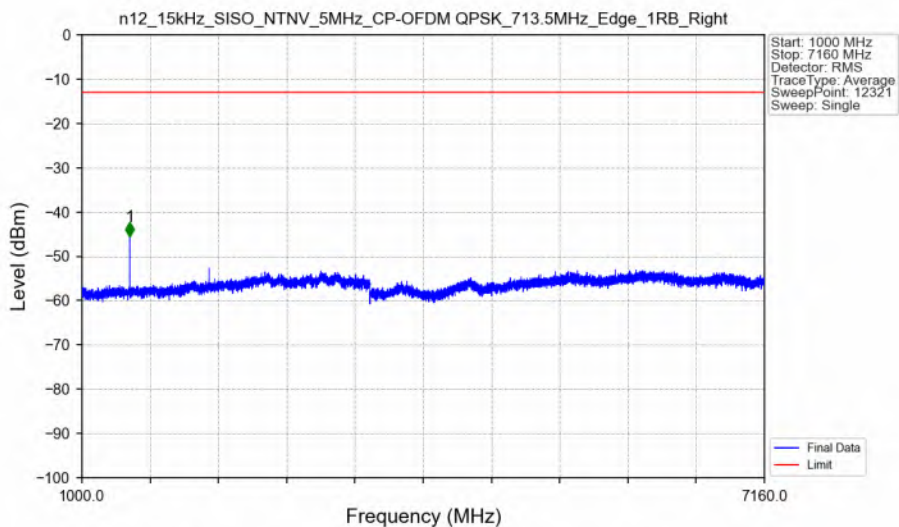
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-25.18	-13	Pass
716.1	721	0.1	CHP	2	716.160	-34.42	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant2



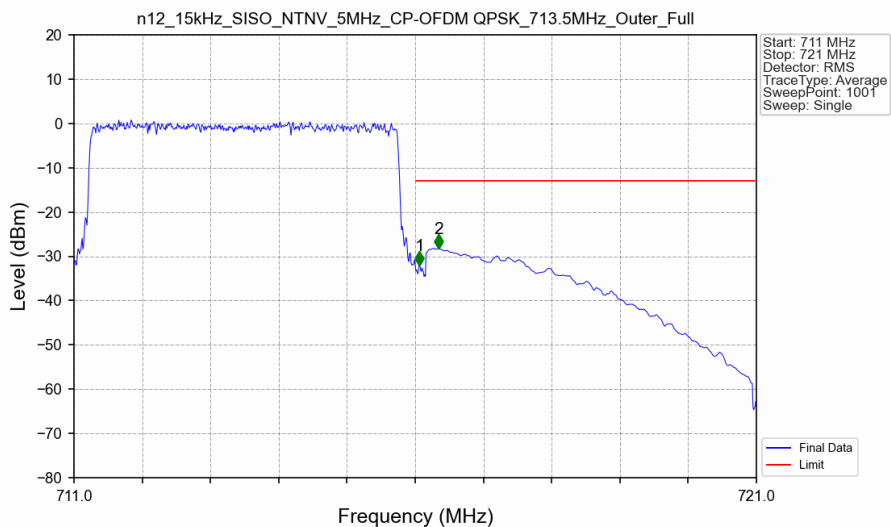
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	494.300	-66.81	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	952.450	-66.05	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant2



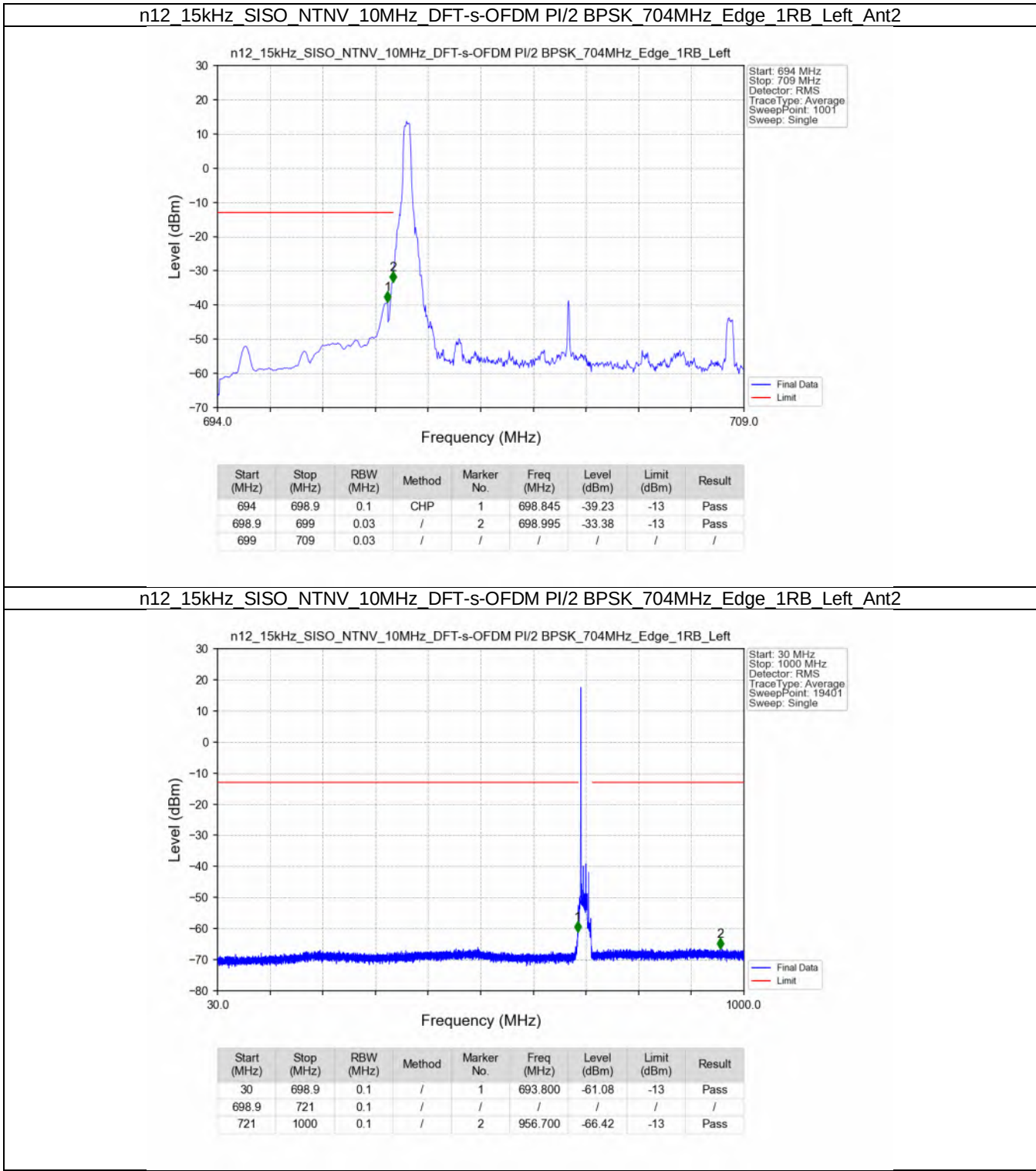
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.500	-45.53	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_713.5MHz_Outer_Full_Ant2

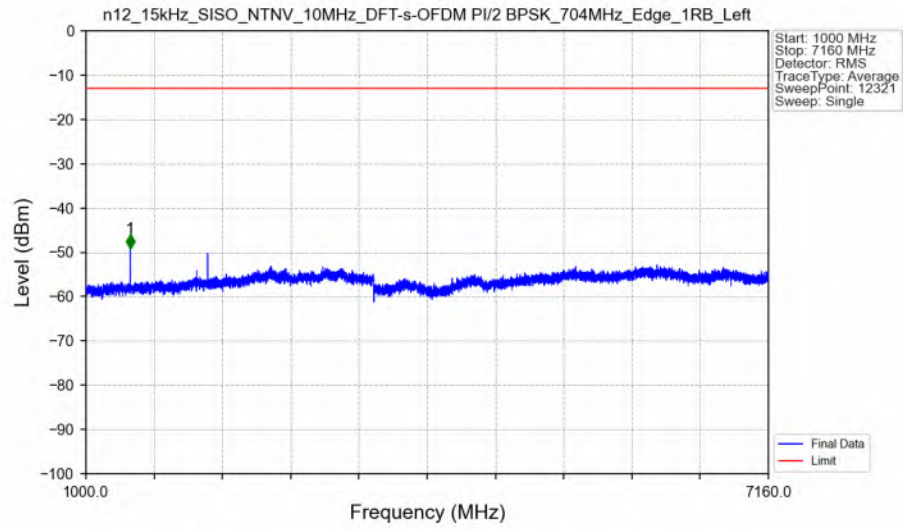


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.060	-32.09	-13	Pass
716.1	721	0.1	CHP	2	716.340	-28.22	-13	Pass

5.2.2 15_S_10M_NTNV

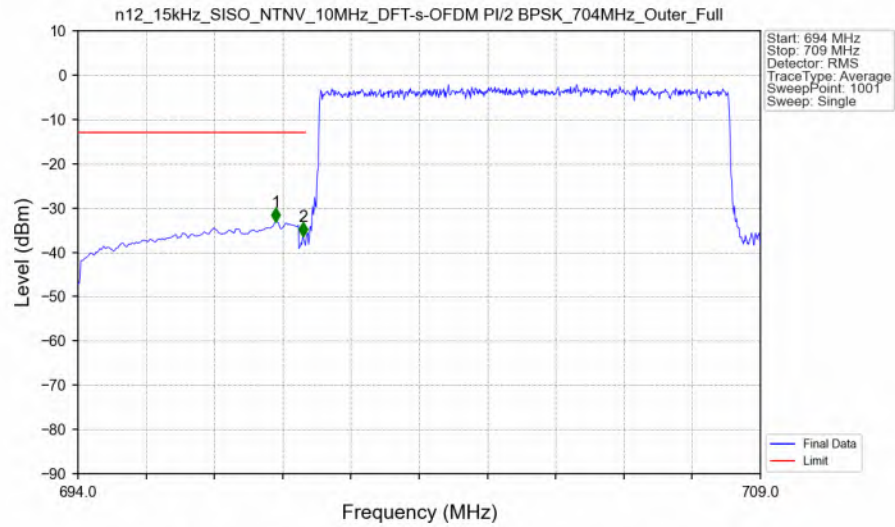


n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Edge_1RB_Left_Ant2



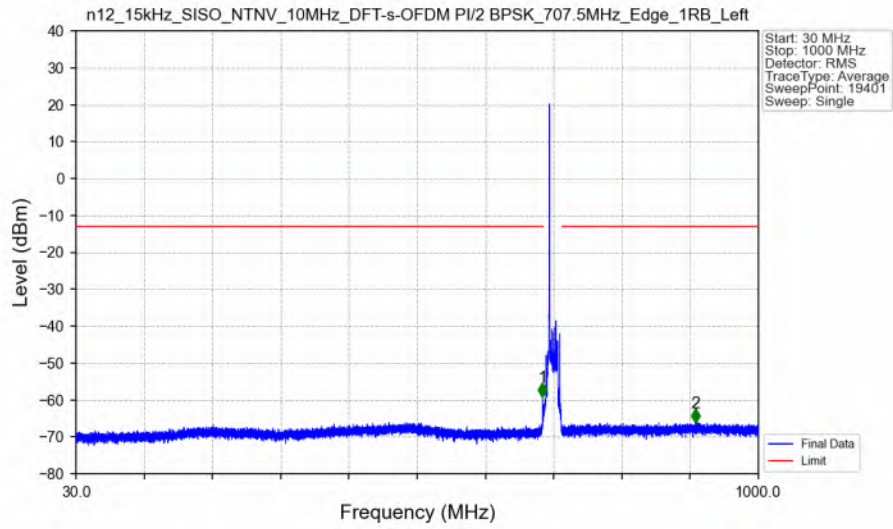
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1399.000	-49.05	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Outer_Full_Ant2



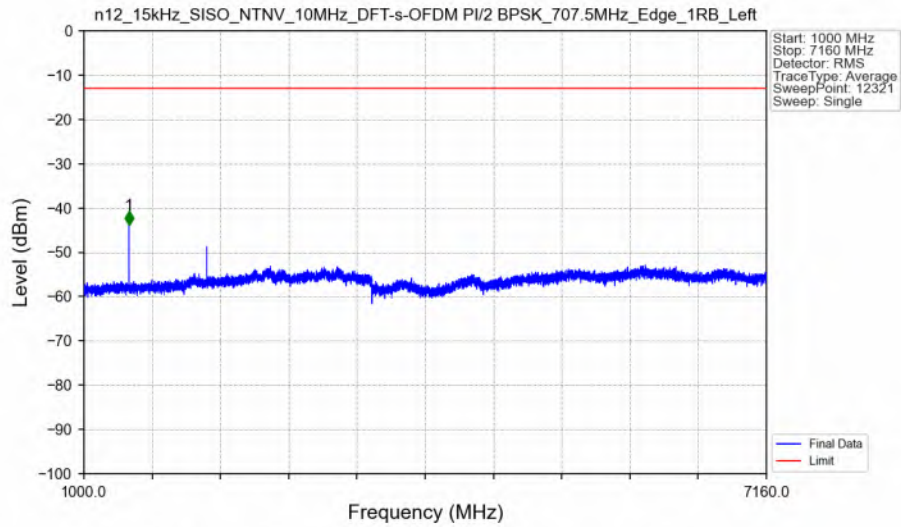
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.350	-33.12	-13	Pass
698.9	699	0.03	/	2	698.950	-36.38	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_707.5MHz_Edge_1RB_Left_Ant2



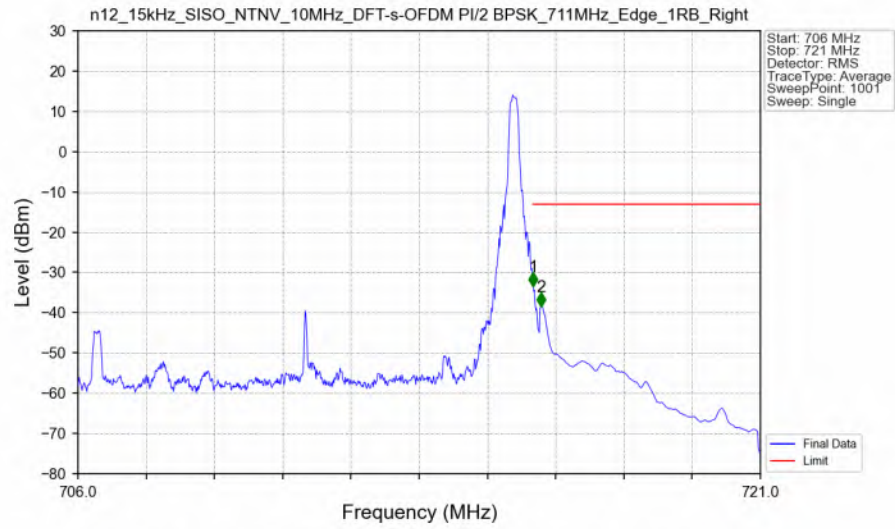
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.150	-59.16	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	910.800	-66.09	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_707.5MHz_Edge_1RB_Left_Ant2



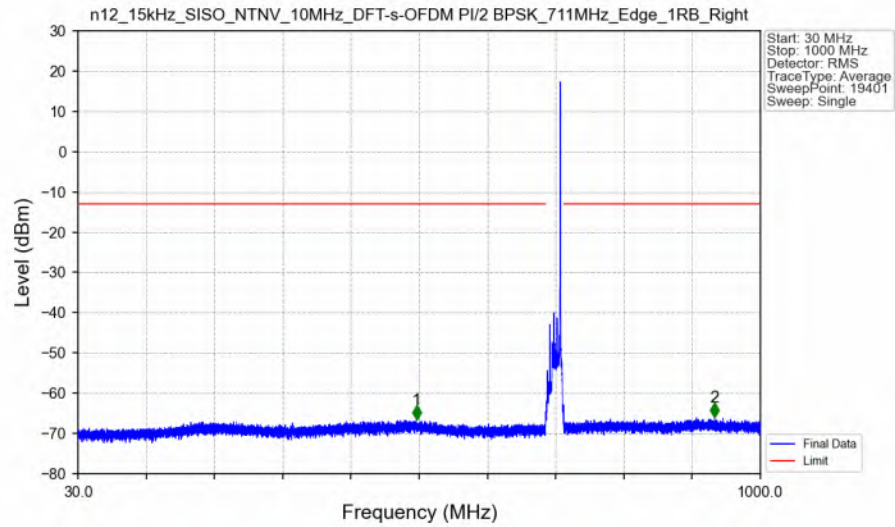
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1406.000	-43.82	-13	Pass

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Edge 1RB Right Ant2



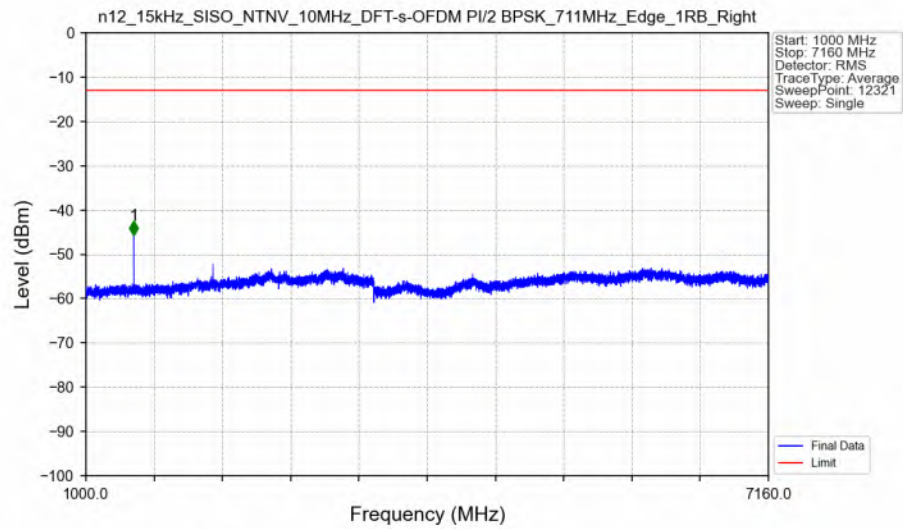
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-33.54	-13	Pass
716.1	721	0.1	CHP	2	716.185	-38.47	-13	Pass

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Edge 1RB Right Ant2

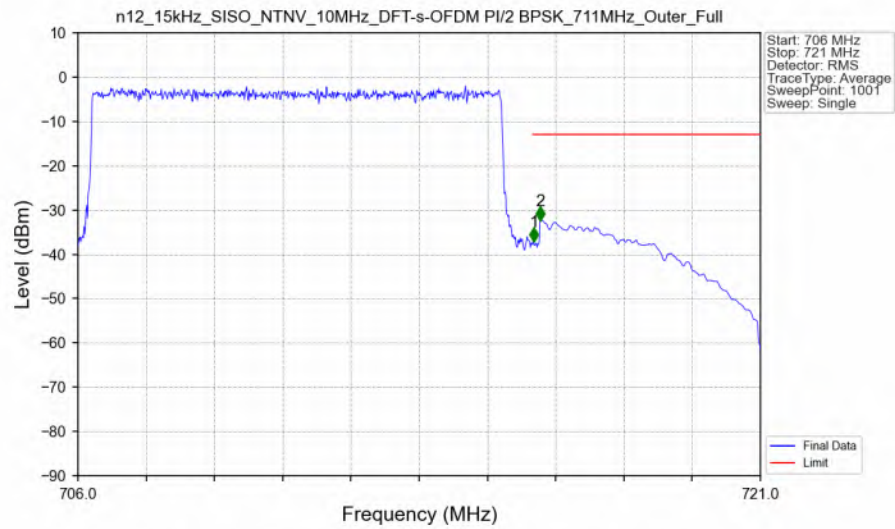


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	511.000	-66.46	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	935.000	-65.82	-13	Pass

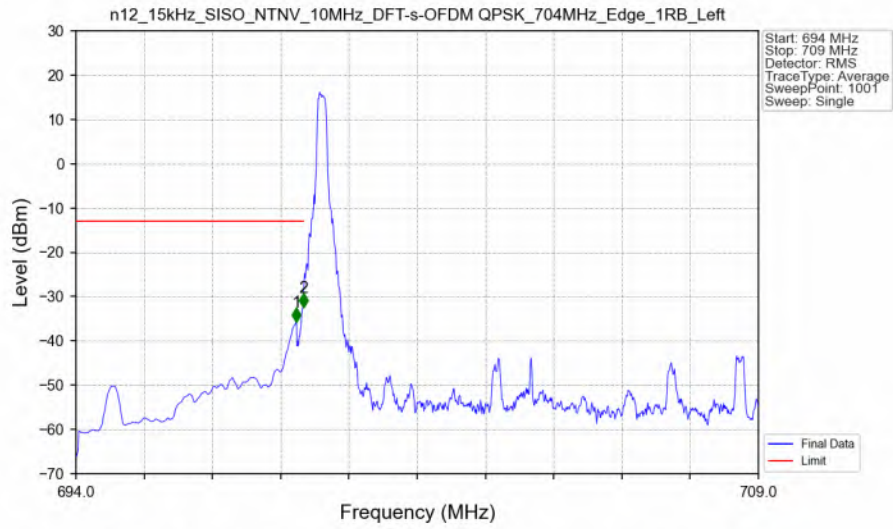
n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Edge 1RB Right Ant2



n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Outer_Full Ant2

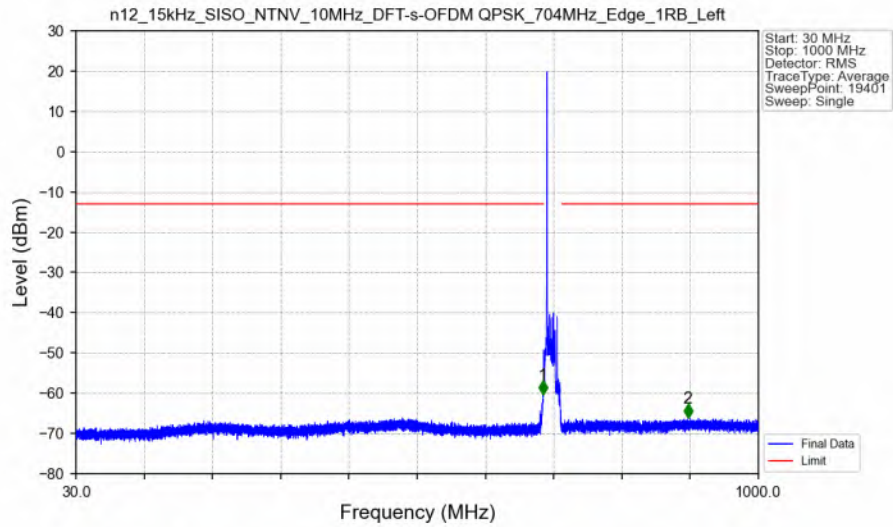


n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 704MHz Edge 1RB Left Ant2



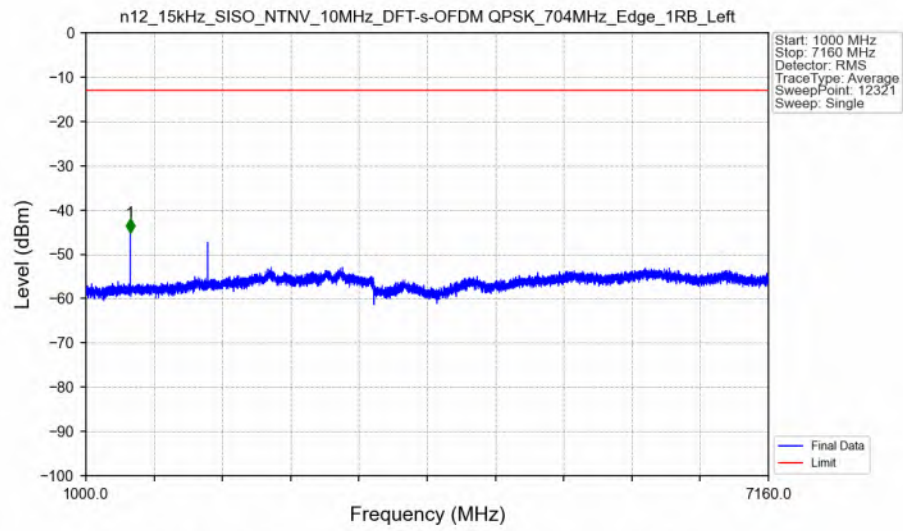
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.845	-35.68	-13	Pass
698.9	699	0.03	/	2	698.995	-32.49	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 704MHz Edge 1RB Left Ant2

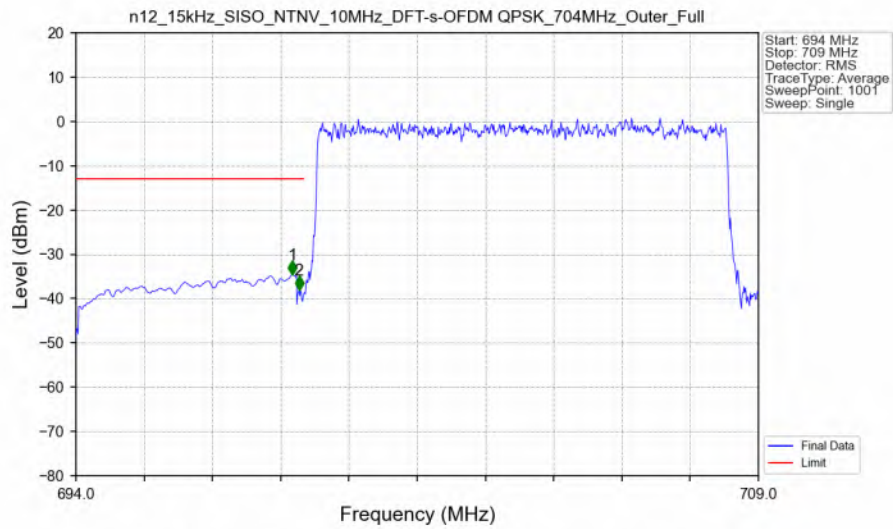


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.900	-60.24	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	899.700	-66.17	-13	Pass

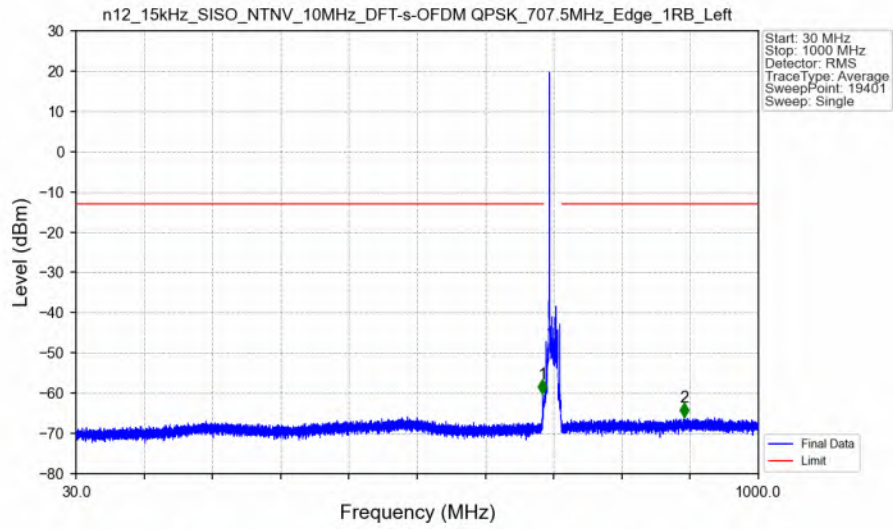
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_704MHz_Edge_1RB_Left_Ant2



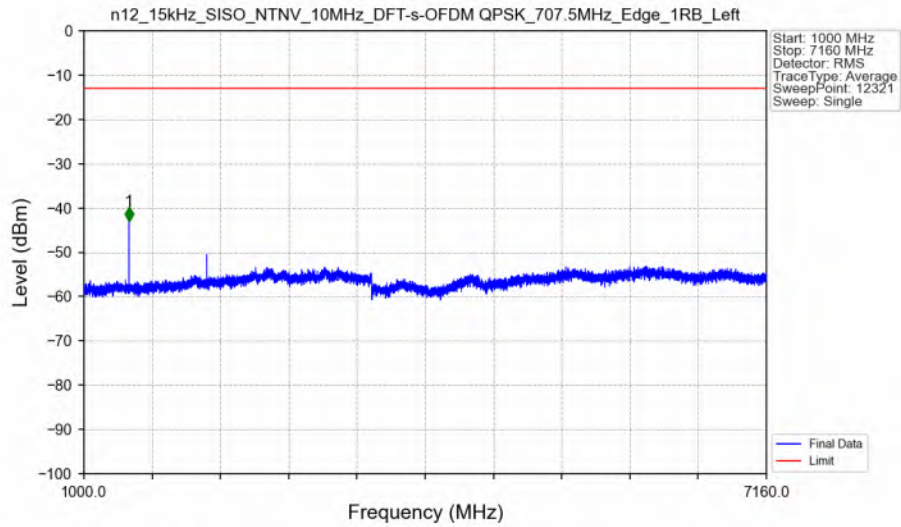
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_704MHz_Outer_Full_Ant2



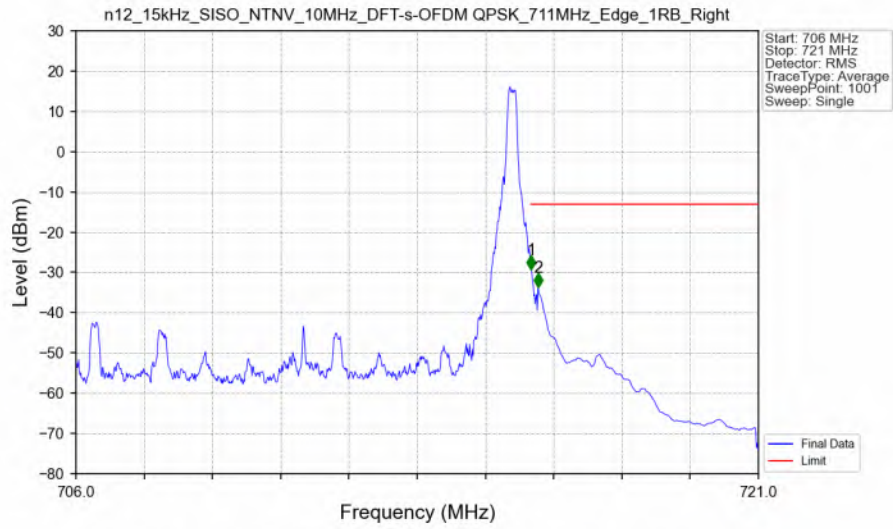
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2



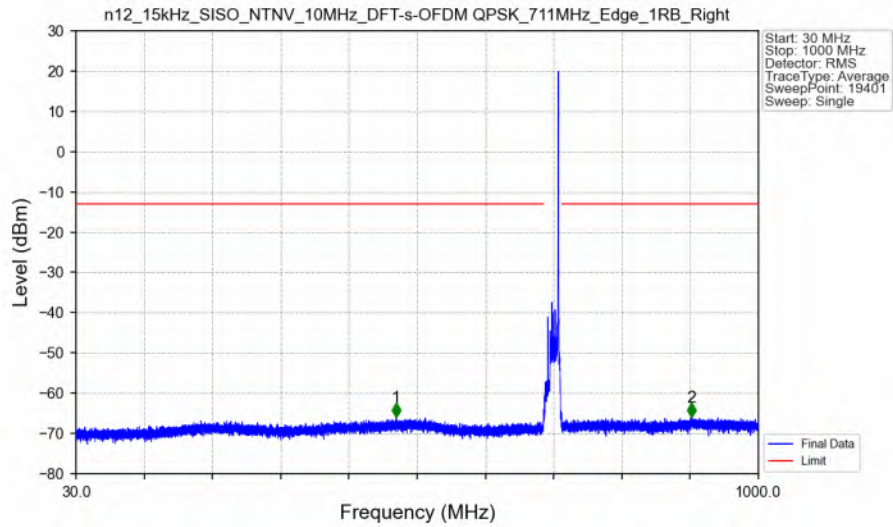
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2



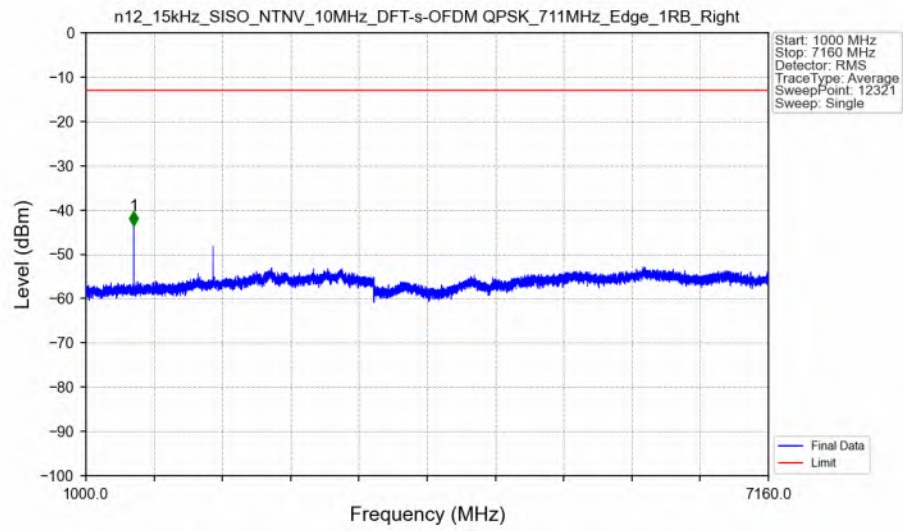
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant2



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant2

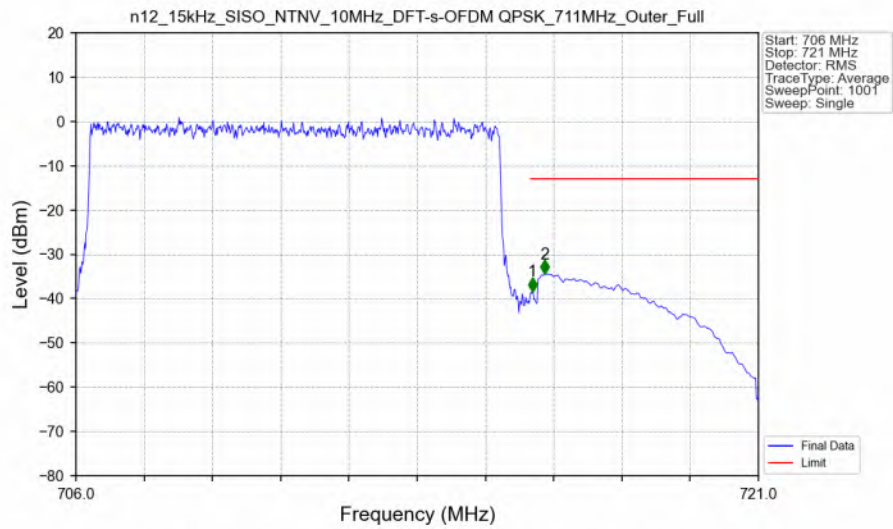


n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant2



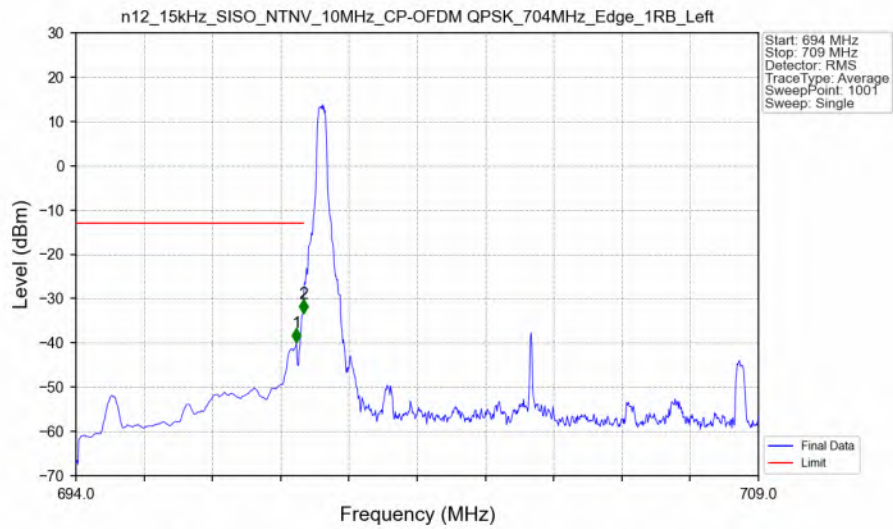
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.500	-43.49	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_711MHz_Outer_Full_Ant2



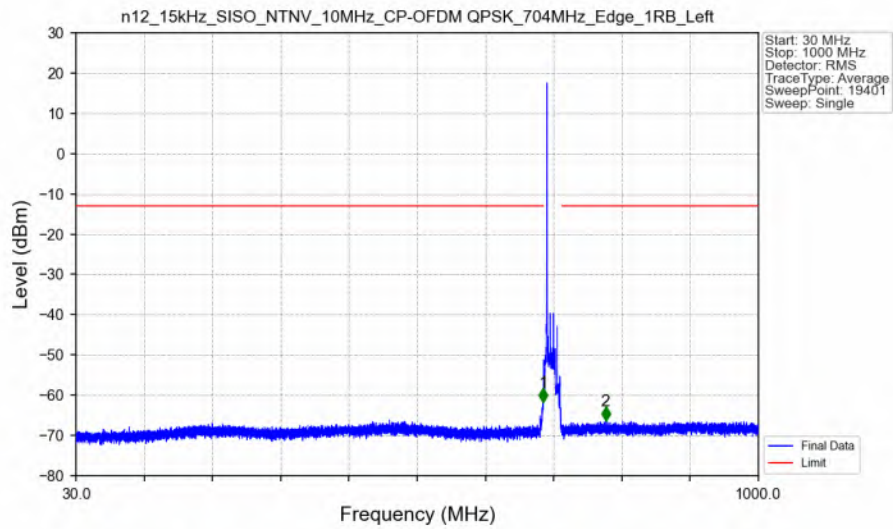
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.035	-38.33	-13	Pass
716.1	721	0.1	CHP	2	716.305	-34.35	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Edge_1RB_Left_Ant2



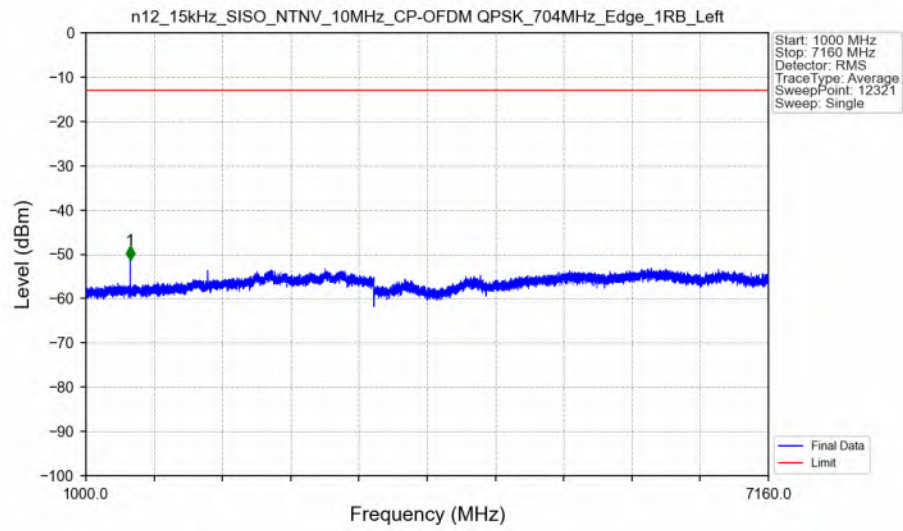
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.845	-39.94	-13	Pass
698.9	699	0.03	/	2	698.995	-33.30	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Edge_1RB_Left_Ant2

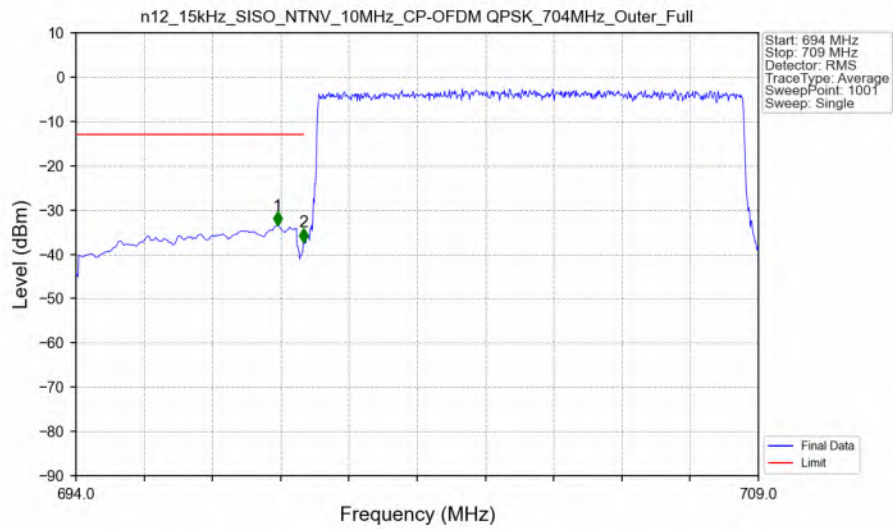


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.950	-61.70	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	782.900	-66.36	-13	Pass

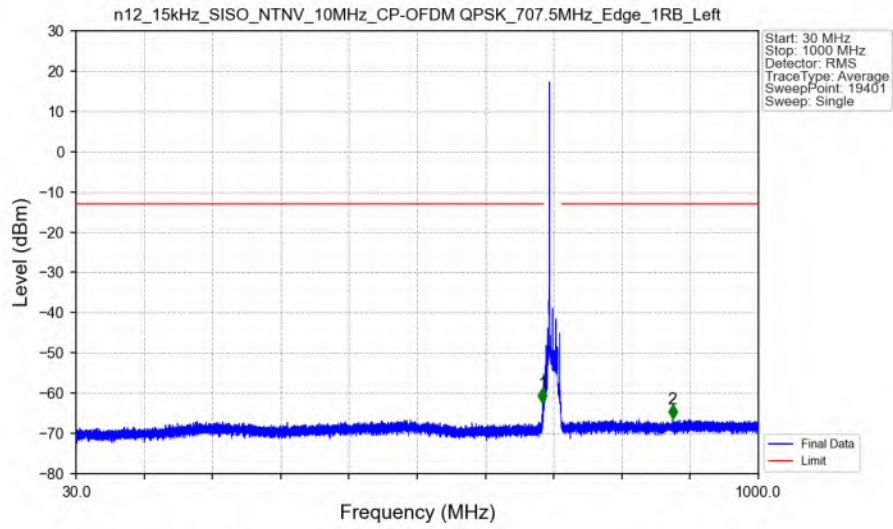
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Edge_1RB_Left_Ant2



n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Outer_Full_Ant2

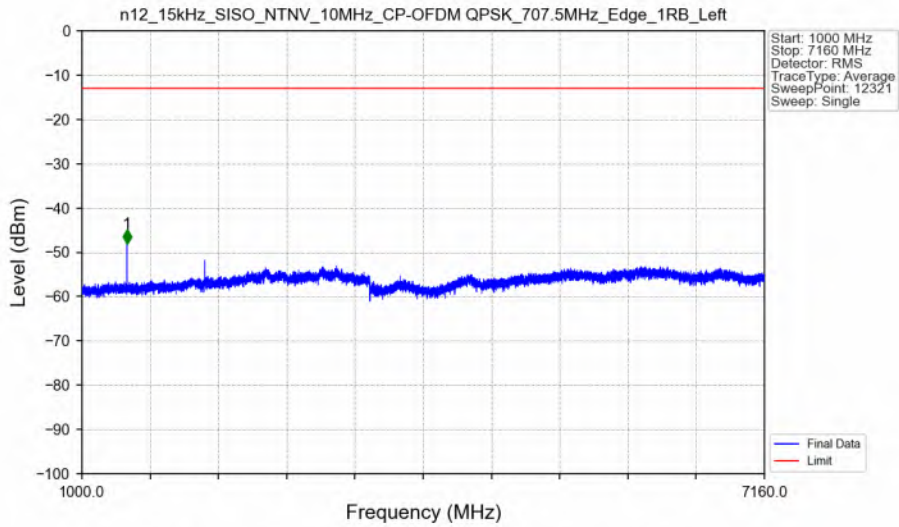


n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2



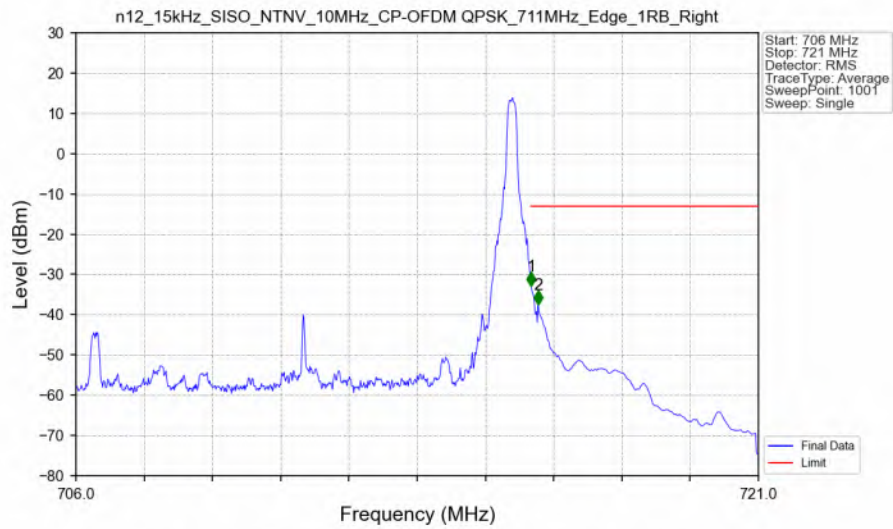
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.200	-62.22	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	877.900	-66.36	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2



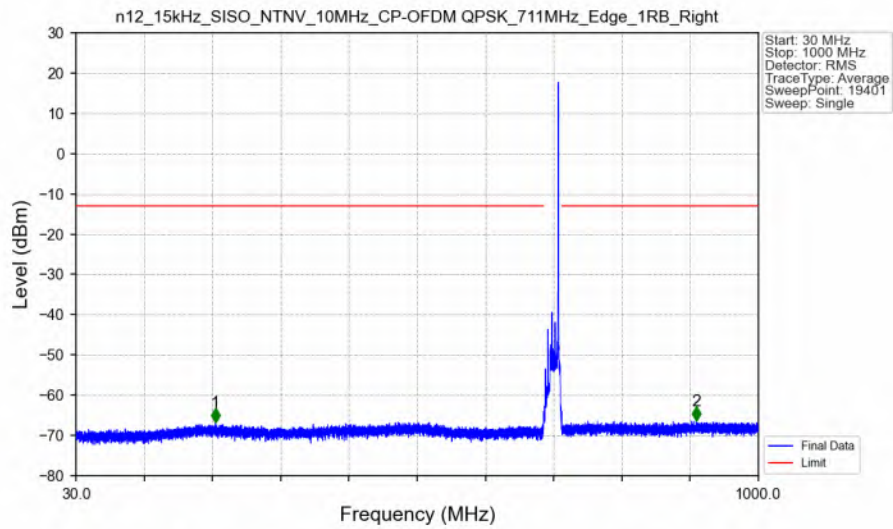
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1406.000	-48.12	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant2



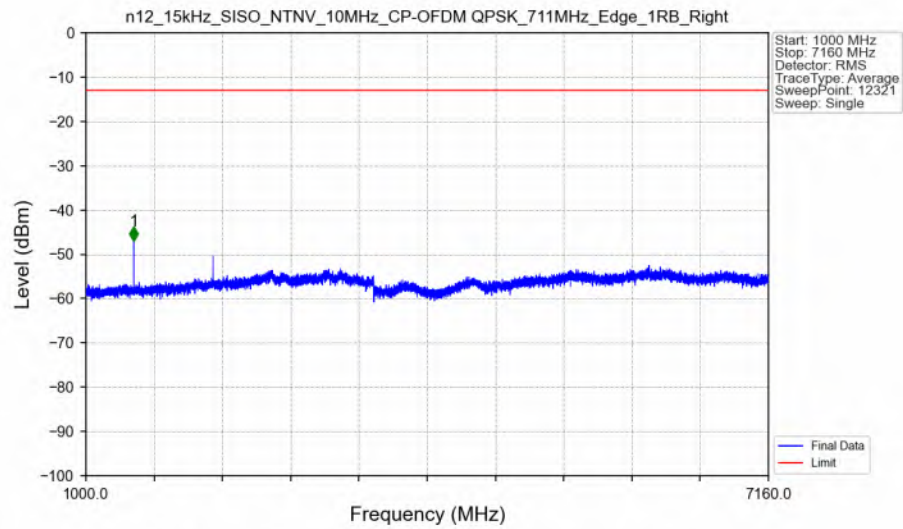
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-32.84	-13	Pass
716.1	721	0.1	CHP	2	716.155	-37.55	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant2



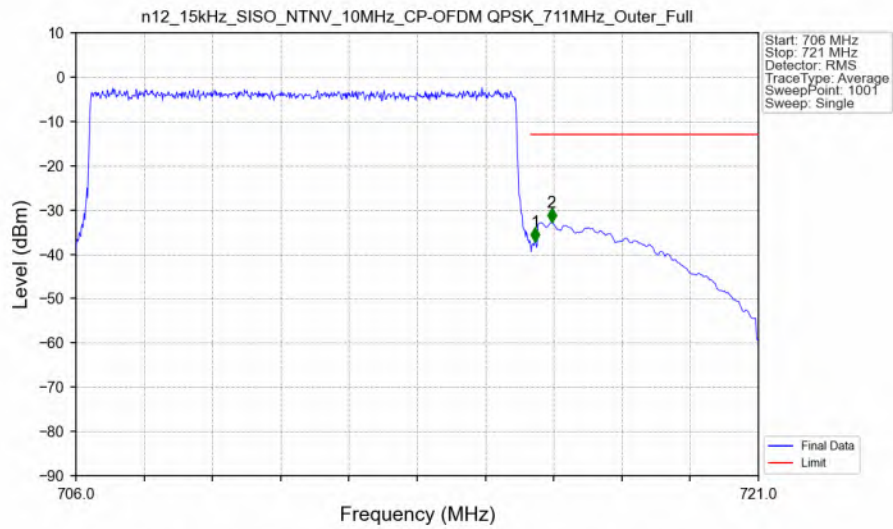
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	227.900	-66.65	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	912.250	-66.36	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_711MHz_Edge_1RB_Right_Ant2



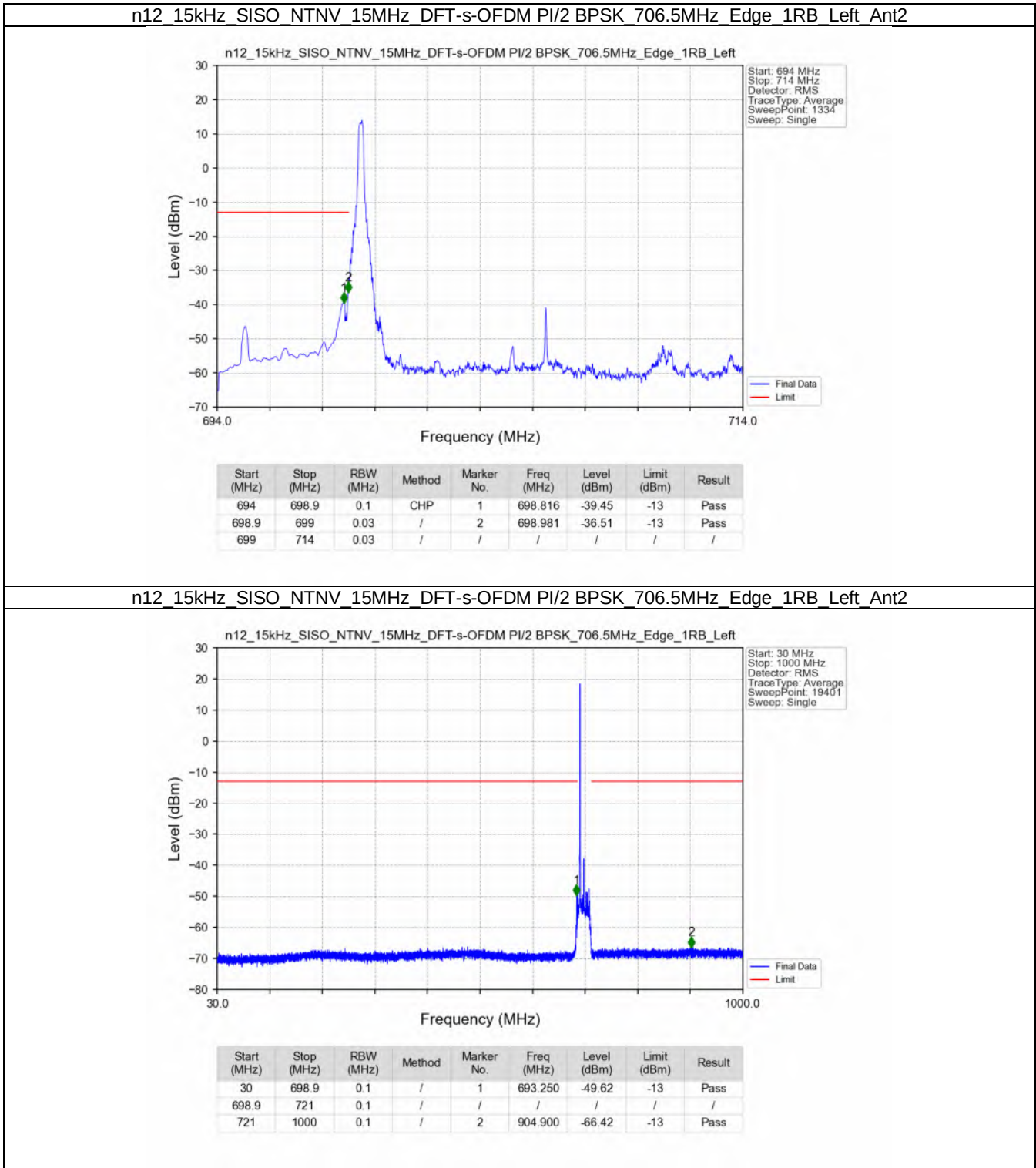
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.500	-47.02	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_711MHz_Outer_Full_Ant2

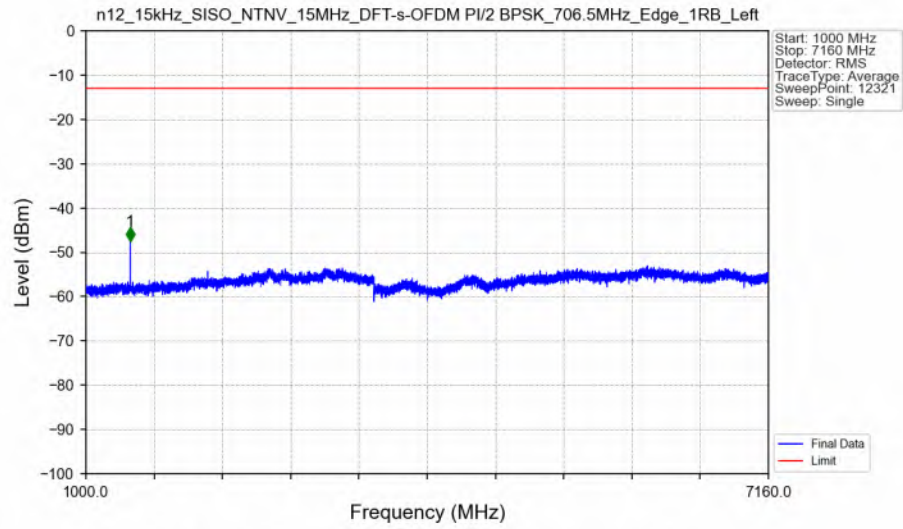


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.095	-37.12	-13	Pass
716.1	721	0.1	CHP	2	716.455	-32.78	-13	Pass

5.2.3 15_S_15M_NTNV

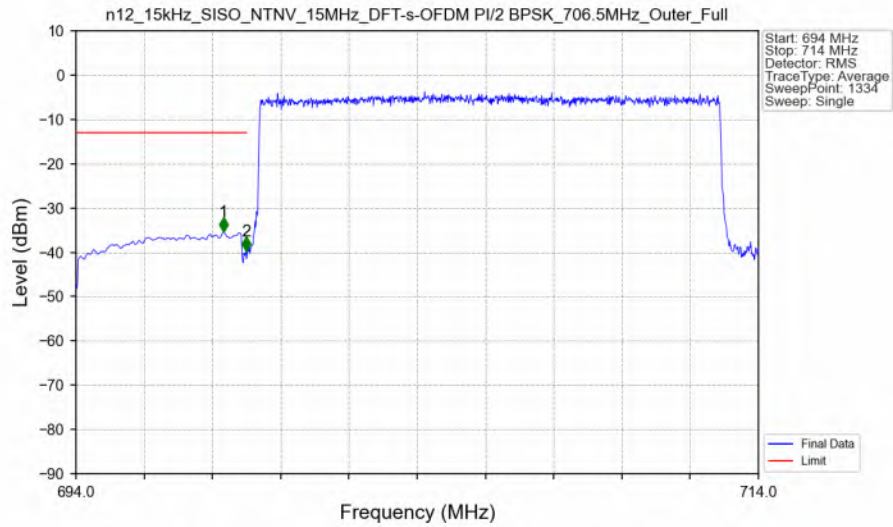


n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Edge_1RB_Left_Ant2



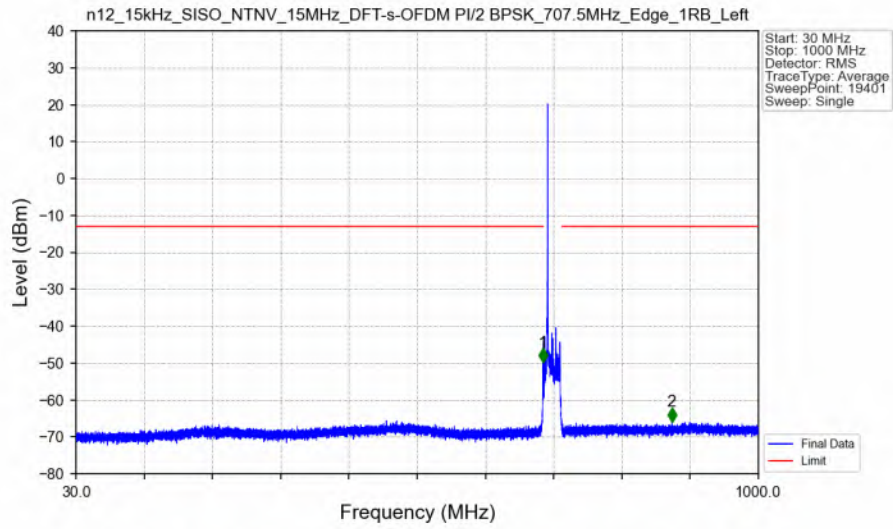
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1399.000	-47.42	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Outer_Full_Ant2



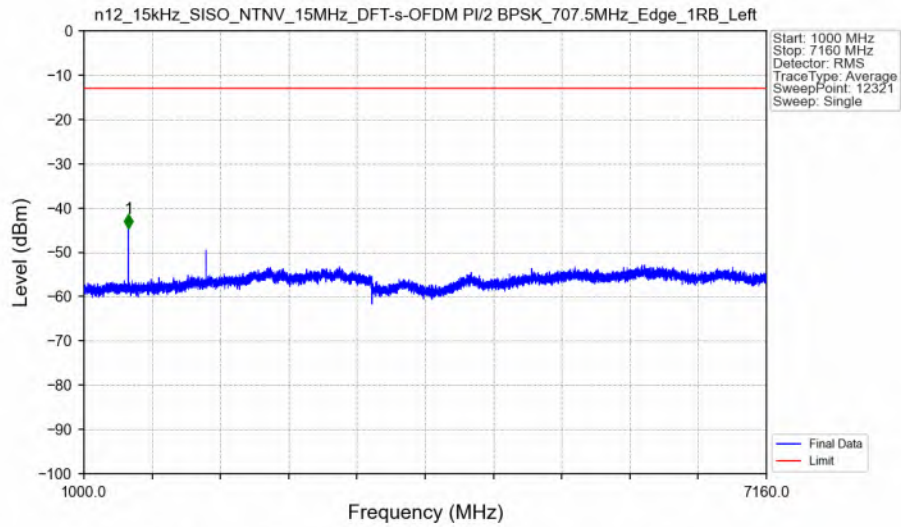
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.321	-35.37	-13	Pass
698.9	699	0.03	/	2	698.981	-39.75	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_707.5MHz_Edge_1RB_Left_Ant2



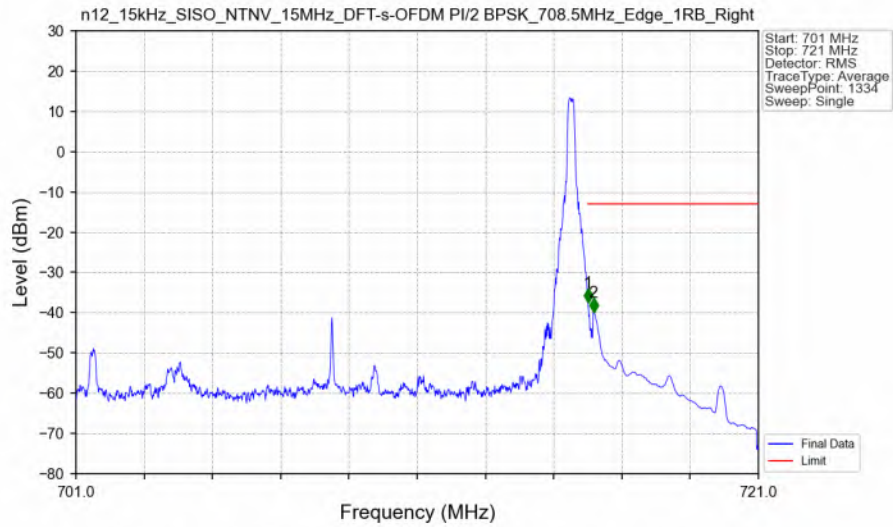
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.350	-49.78	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	876.950	-65.84	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_707.5MHz_Edge_1RB_Left_Ant2



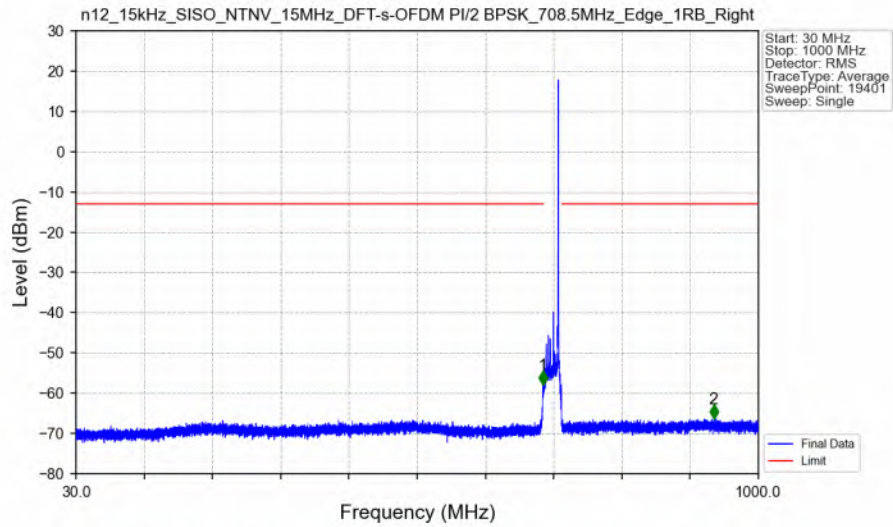
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1401.000	-44.54	-13	Pass

n12 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 708.5MHz Edge 1RB Right Ant2



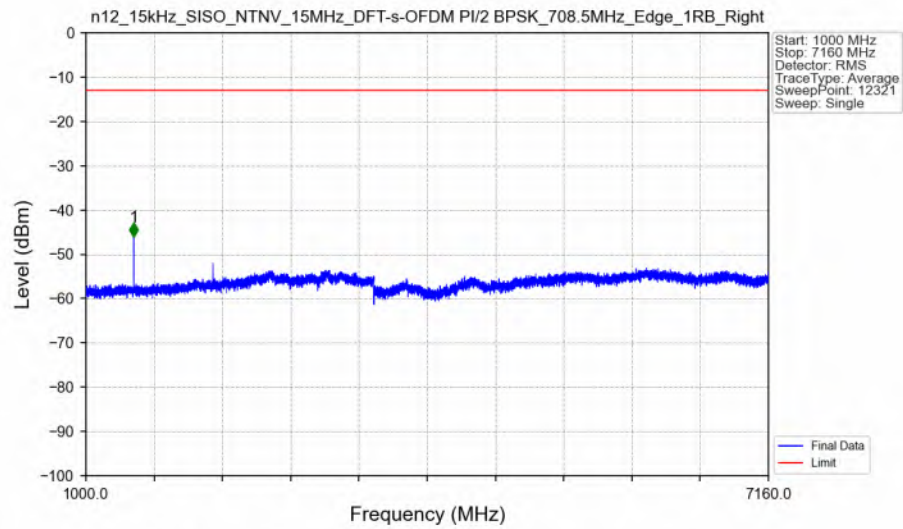
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.004	-37.54	-13	Pass
716.1	721	0.1	CHP	2	716.169	-39.93	-13	Pass

n12 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 708.5MHz Edge 1RB Right Ant2

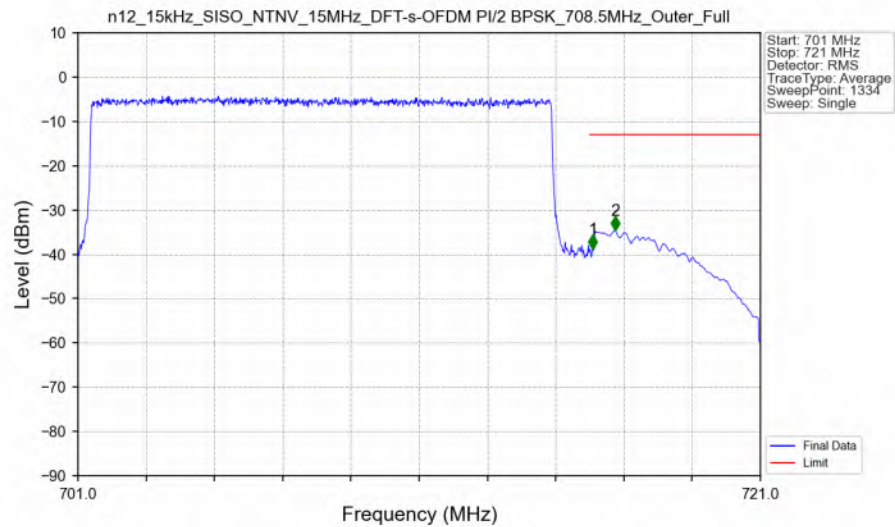


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.700	-57.99	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	936.500	-66.25	-13	Pass

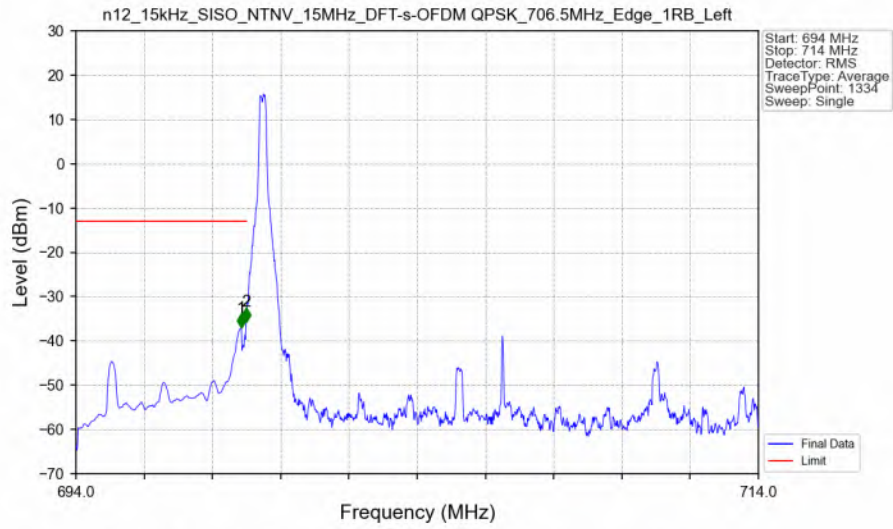
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_708.5MHz_Edge_1RB_Right_Ant2



n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_708.5MHz_Outer_Full_Ant2

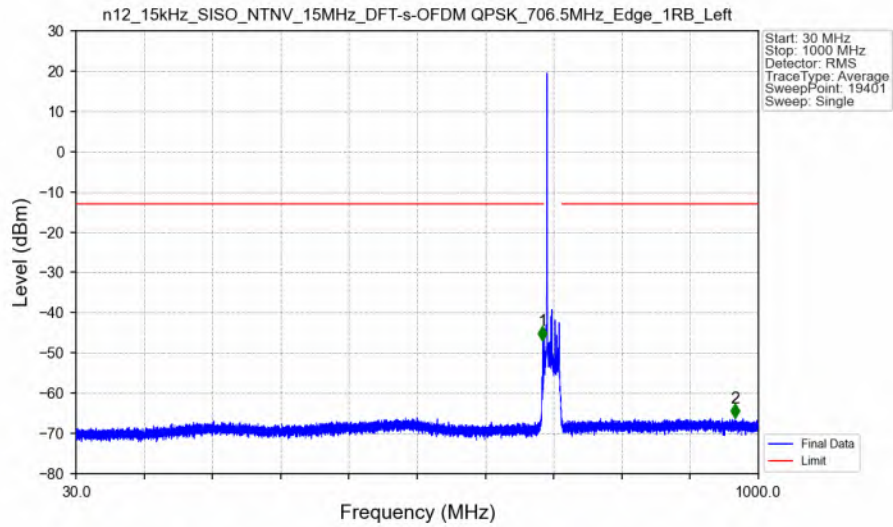


n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant2



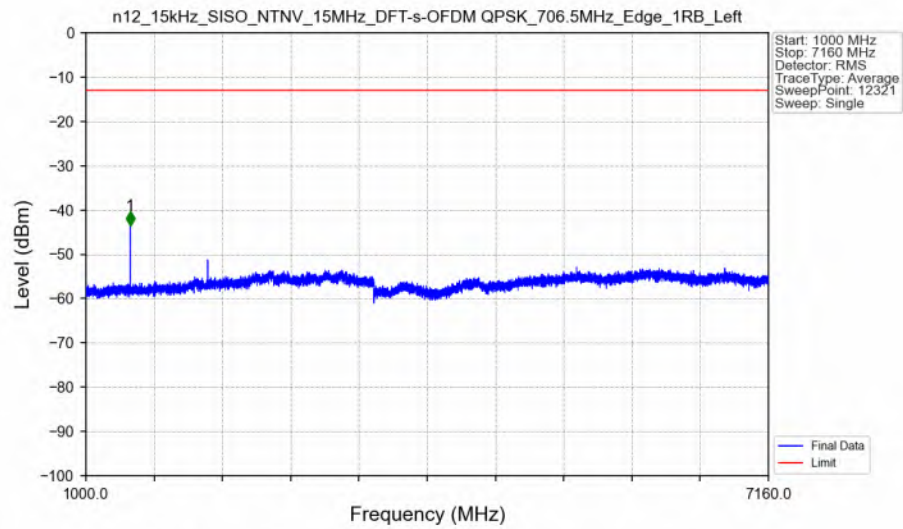
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.846	-36.92	-13	Pass
698.9	699	0.03	/	2	698.996	-35.61	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant2



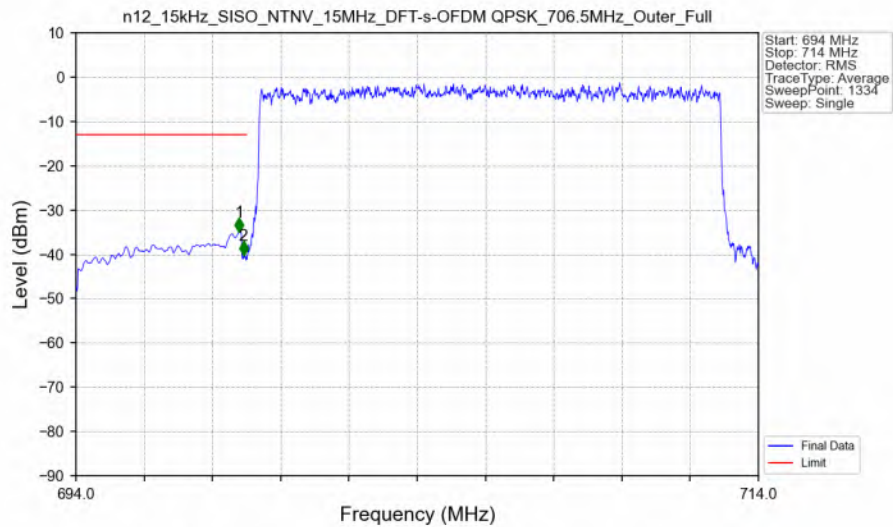
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.250	-46.83	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	967.250	-66.15	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant2



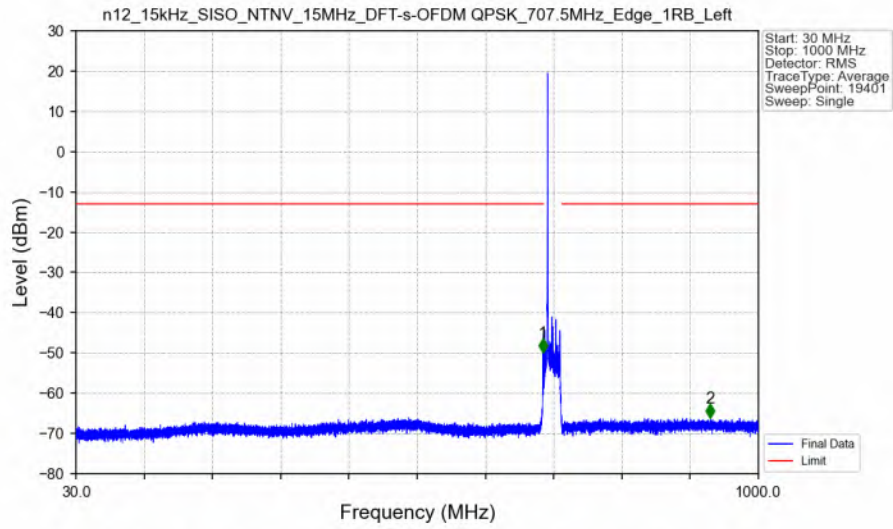
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1399.000	-43.53	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_706.5MHz_Outer_Full_Ant2

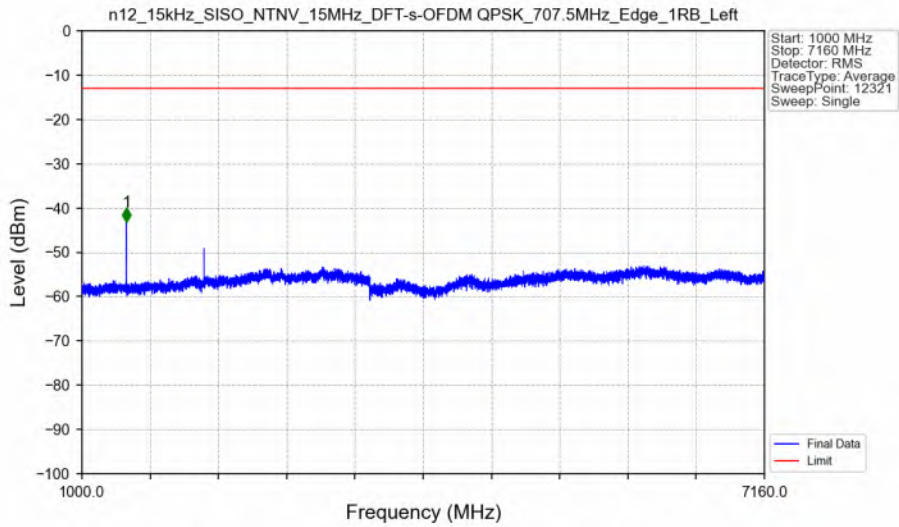


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.786	-34.87	-13	Pass
698.9	699	0.03	/	2	698.906	-40.15	-13	Pass
699	714	0.03	/	/	/	/	/	/

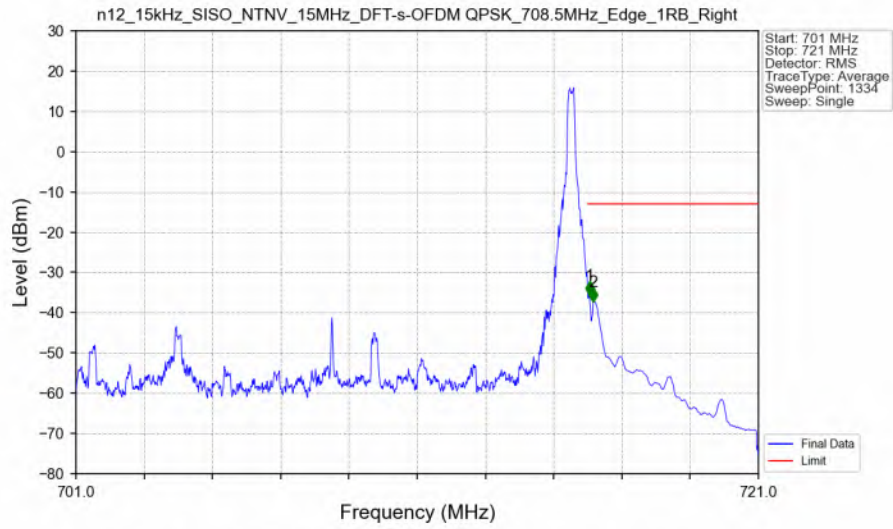
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2



n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2

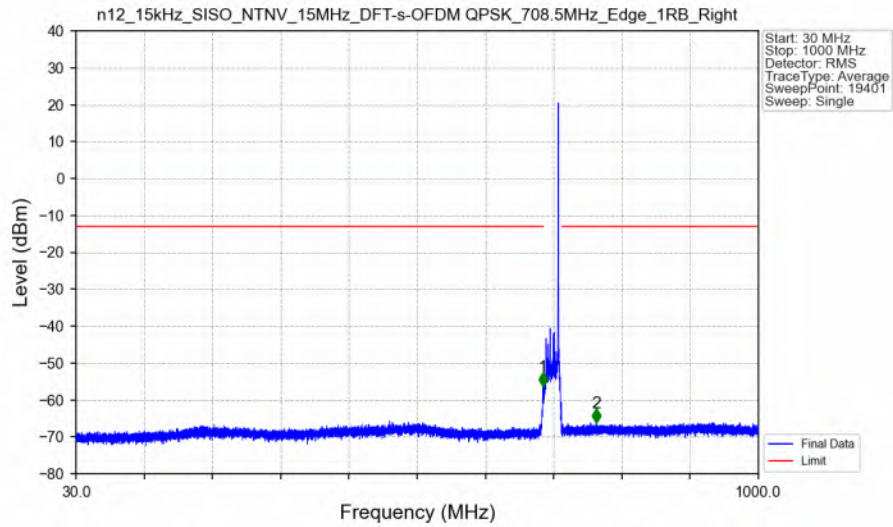


n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 708.5MHz Edge 1RB Right Ant2



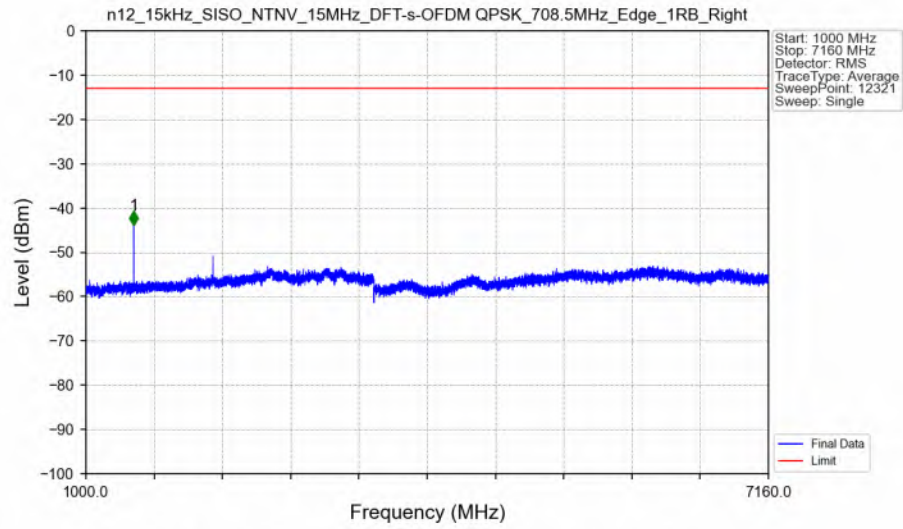
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.049	-35.58	-13	Pass
716.1	721	0.1	CHP	2	716.154	-37.22	-13	Pass

n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 708.5MHz Edge 1RB Right Ant2



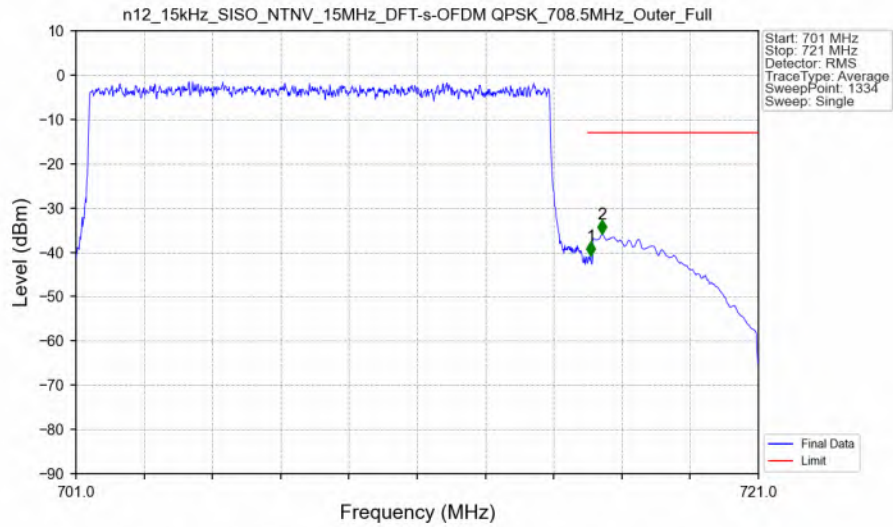
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.700	-56.31	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	769.650	-66.15	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant2



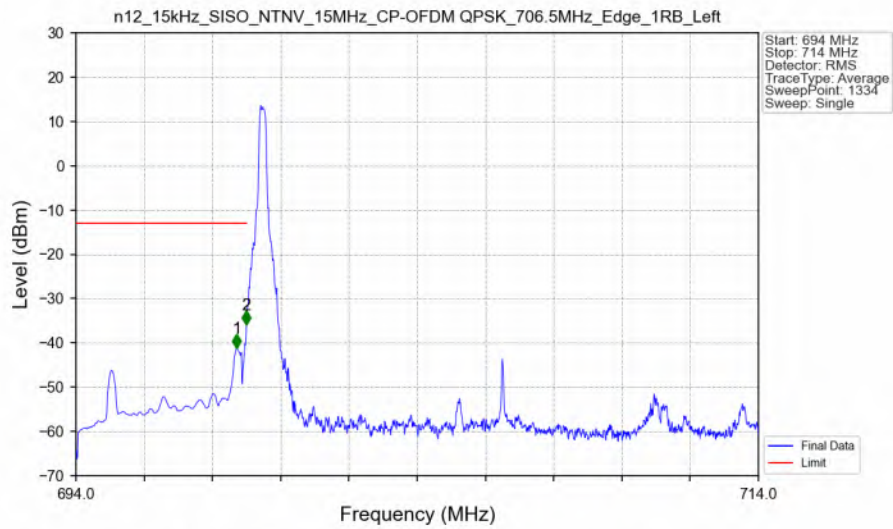
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.000	-43.88	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_708.5MHz_Outer_Full_Ant2



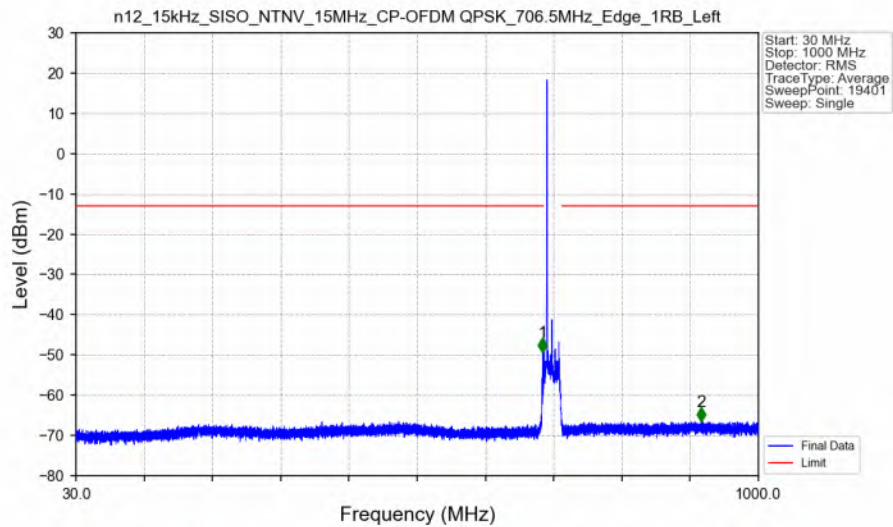
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.094	-40.69	-13	Pass
716.1	721	0.1	CHP	2	716.424	-35.93	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant2



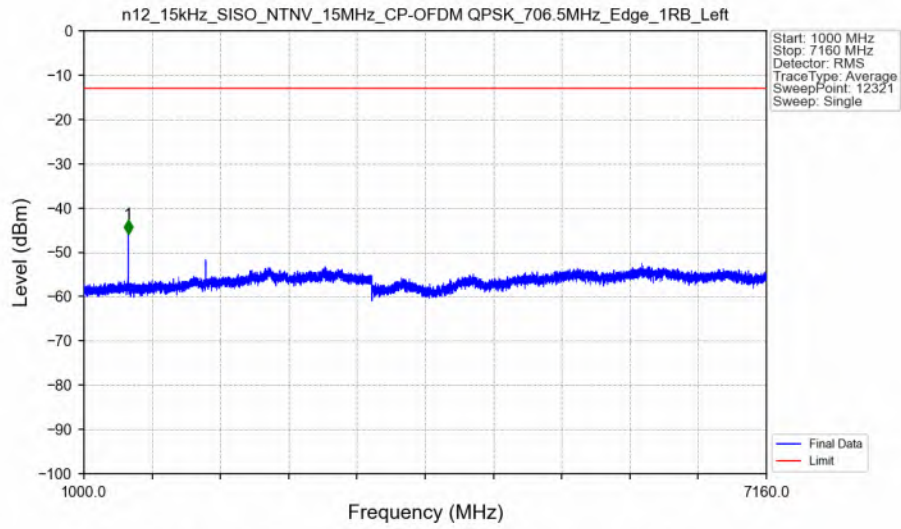
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.711	-41.21	-13	Pass
698.9	699	0.03	/	2	698.996	-35.91	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant2



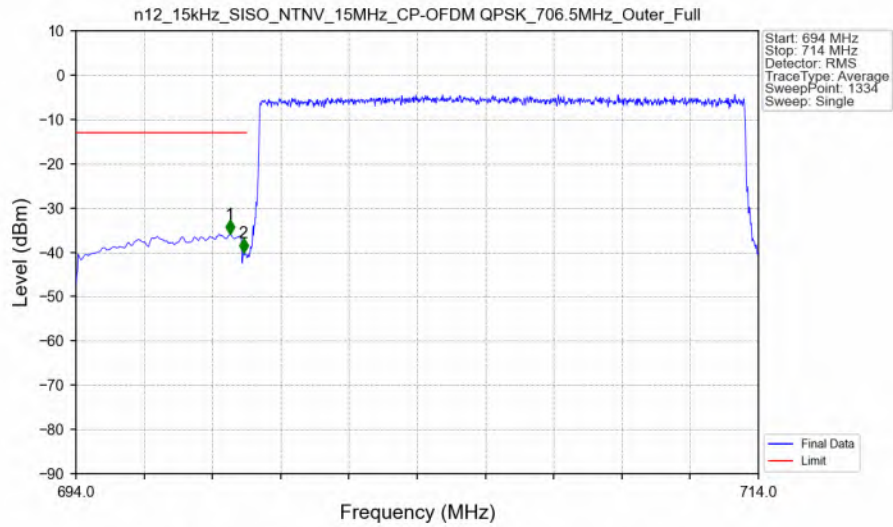
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.250	-49.33	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	919.100	-66.45	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 706.5MHz_Edge_1RB_Left_Ant2



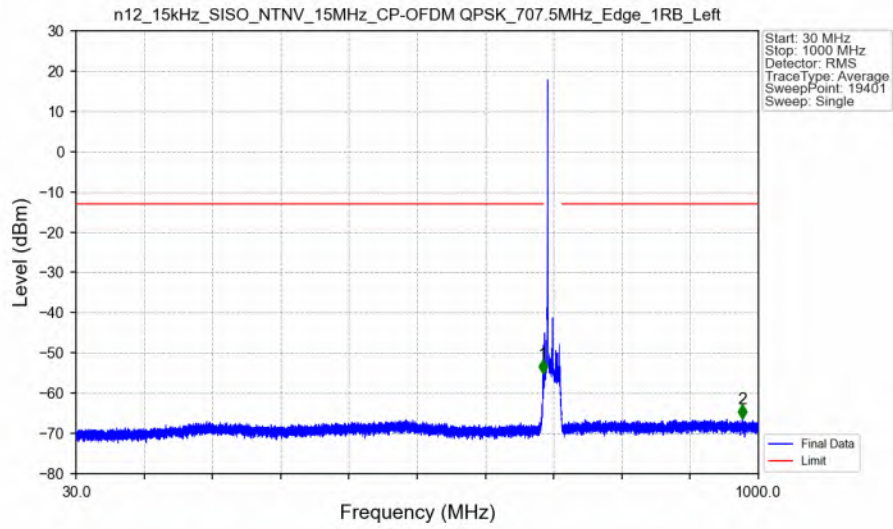
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1399.000	-45.78	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 706.5MHz_Outer_Full_Ant2



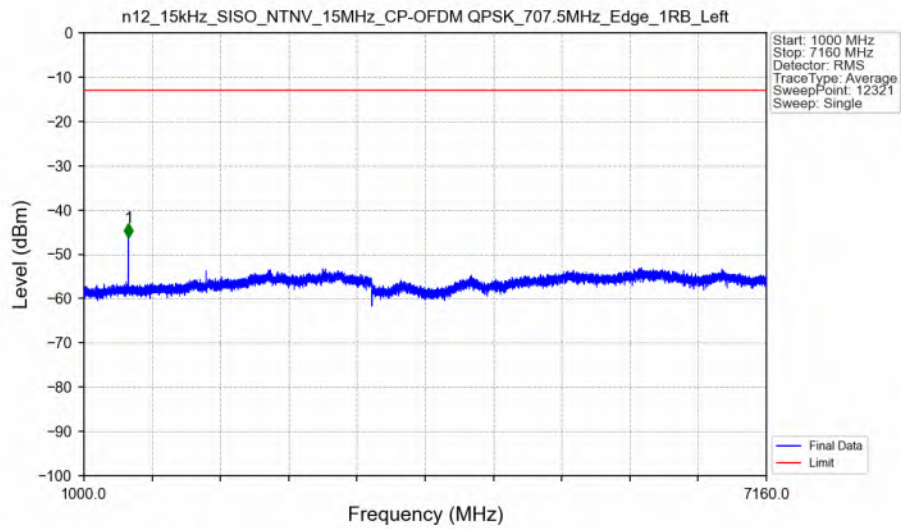
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.516	-35.89	-13	Pass
698.9	699	0.03	/	2	698.906	-40.06	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2



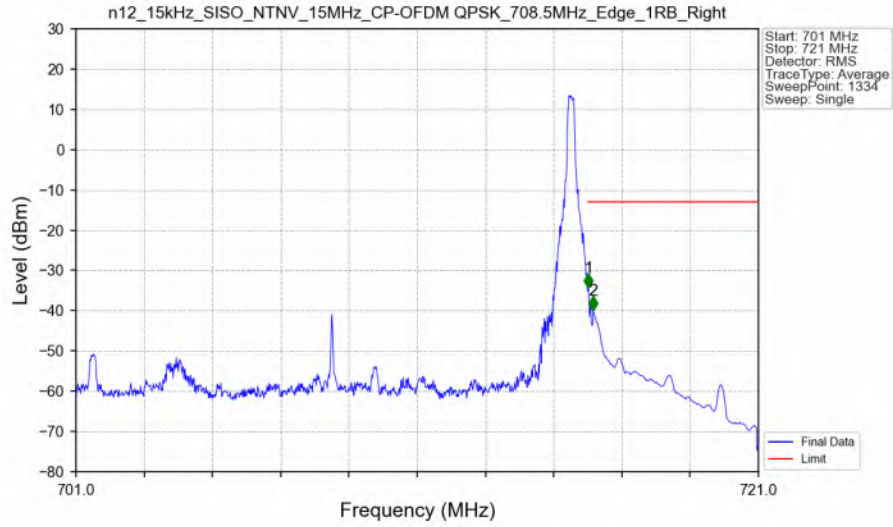
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.500	-55.16	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	977.150	-66.36	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant2

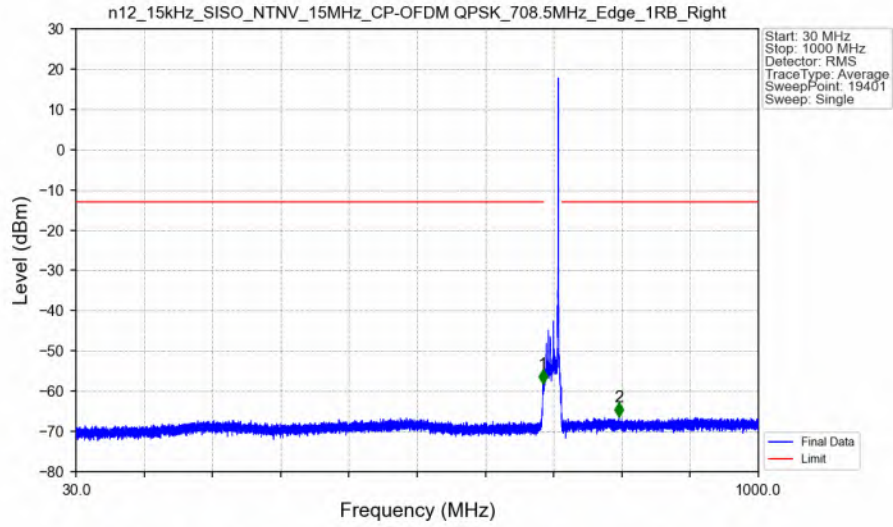


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1401.000	-46.22	-13	Pass

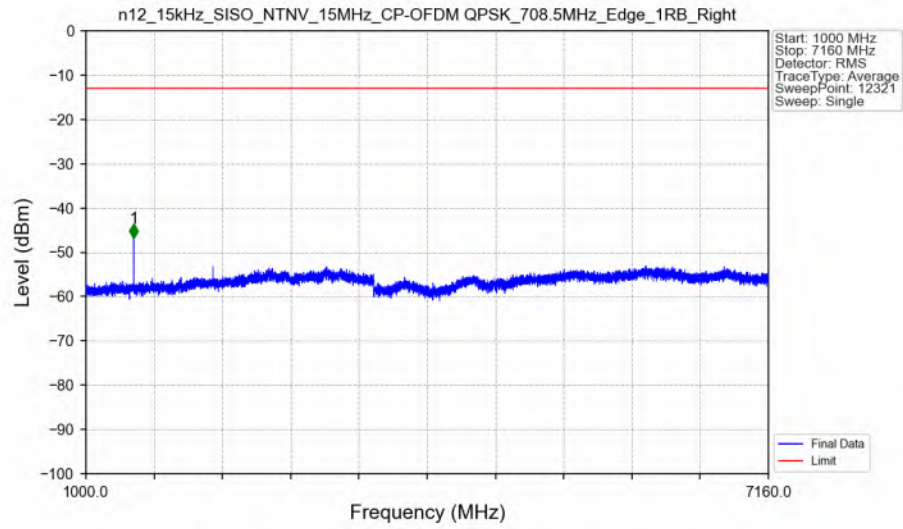
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant2



n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant2

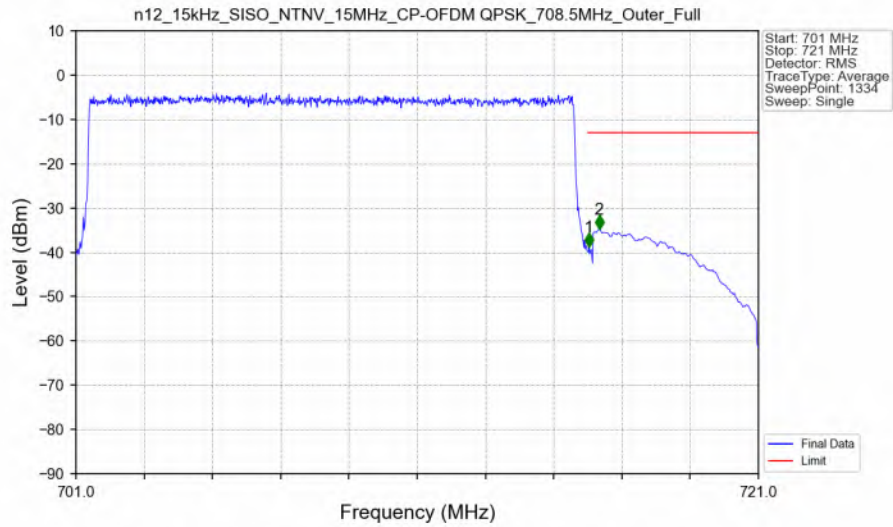


n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.000	-46.80	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_708.5MHz_Outer_Full_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.034	-38.78	-13	Pass
716.1	721	0.1	CHP	2	716.334	-34.84	-13	Pass