

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 5MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge_1RB_Left	23.72	/	/	19.22	/	/	<=30	Pass
		Edge_1RB_Right	23.60	/	/	19.10	/	/	<=30	Pass
		Outer_Full	24.16	/	/	19.66	/	/	<=30	Pass
		Inner_Full	23.86	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	19.40	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	19.44	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.91	/	/	19.41	/	/	<=30	Pass
		Edge_1RB_Right	23.67	/	/	19.17	/	/	<=30	Pass
		Outer_Full	24.05	/	/	19.55	/	/	<=30	Pass
		Inner_Full	23.91	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	19.54	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	19.45	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	23.51	/	/	19.01	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	18.86	/	/	<=30	Pass
		Outer_Full	23.83	/	/	19.33	/	/	<=30	Pass
		Inner_Full	23.62	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	19.13	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	22.47	/	/	17.97	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	18.17	/	/	<=30	Pass
		Outer_Full	22.84	/	/	18.34	/	/	<=30	Pass
		Inner_Full	23.58	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	19.09	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.49	/	/	17.99	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	18.11	/	/	<=30	Pass
		Outer_Full	22.64	/	/	18.14	/	/	<=30	Pass
		Inner_Full	23.49	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Right	23.3	/	/	18.8	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	22.58	/	/	18.08	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	17.86	/	/	<=30	Pass
		Outer_Full	22.65	/	/	18.15	/	/	<=30	Pass
		Inner_Full	23.37	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	18.82	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge_1RB_Left	21.86	/	/	17.36	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	17.39	/	/	<=30	Pass
		Outer_Full	22.05	/	/	17.55	/	/	<=30	Pass
		Inner_Full	21.84	/	/	17.34	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	17.15	/	/	<=30	Pass
		Inner_1RB_Right	22.15	/	/	17.65	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.79	/	/	17.29	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	17.31	/	/	<=30	Pass
		Outer_Full	21.93	/	/	17.43	/	/	<=30	Pass
		Inner_Full	21.64	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	17.06	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.74	/	/	17.24	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	17.28	/	/	<=30	Pass
		Outer_Full	21.87	/	/	17.37	/	/	<=30	Pass
		Inner_Full	21.61	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	17.10	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	17.03	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	1712.5	Edge_1RB_Left	21.69	/	/	17.19	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	17.23	/	/	<=30	Pass
		Outer_Full	21.58	/	/	17.08	/	/	<=30	Pass
		Inner_Full	21.55	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	17.18	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.59	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	17.07	/	/	<=30	Pass
		Outer_Full	21.44	/	/	16.94	/	/	<=30	Pass
		Inner_Full	21.50	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	17.13	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	17.14	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.49	/	/	16.99	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	17.07	/	/	<=30	Pass
		Outer_Full	21.39	/	/	16.89	/	/	<=30	Pass
		Inner_Full	21.39	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	16.78	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge_1RB_Left	19.51	/	/	15.01	/	/	<=30	Pass
		Edge_1RB_Right	19.52	/	/	15.02	/	/	<=30	Pass
		Outer_Full	19.61	/	/	15.11	/	/	<=30	Pass
		Inner_Full	19.48	/	/	14.98	/	/	<=30	Pass
		Inner_1RB_Left	19.56	/	/	15.06	/	/	<=30	Pass
		Inner_1RB_Right	19.59	/	/	15.09	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.48	/	/	14.98	/	/	<=30	Pass
		Edge_1RB_Right	19.44	/	/	14.94	/	/	<=30	Pass
		Outer_Full	19.48	/	/	14.98	/	/	<=30	Pass
		Inner_Full	19.41	/	/	14.91	/	/	<=30	Pass
		Inner_1RB_Left	19.49	/	/	14.99	/	/	<=30	Pass
		Inner_1RB_Right	19.48	/	/	14.98	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	19.32	/	/	14.82	/	/	<=30	Pass
		Edge_1RB_Right	19.36	/	/	14.86	/	/	<=30	Pass
		Outer_Full	19.16	/	/	14.66	/	/	<=30	Pass
		Inner_Full	19.29	/	/	14.79	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	14.88	/	/	<=30	Pass
		Inner_1RB_Right	19.45	/	/	14.95	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge_1RB_Left	21.06	/	/	16.56	/	/	<=30	Pass
		Edge_1RB_Right	21.11	/	/	16.61	/	/	<=30	Pass
		Outer_Full	21.16	/	/	16.66	/	/	<=30	Pass
		Inner_Full	22.55	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	18.06	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.02	/	/	16.52	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	16.50	/	/	<=30	Pass
		Outer_Full	21.02	/	/	16.52	/	/	<=30	Pass
		Inner_Full	22.42	/	/	17.92	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	17.95	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.81	/	/	16.31	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	16.41	/	/	<=30	Pass
		Outer_Full	20.98	/	/	16.48	/	/	<=30	Pass
		Inner_Full	22.39	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	17.86	/	/	<=30	Pass
CP-OFDM 16 QAM	1712.5	Edge_1RB_Left	20.91	/	/	16.41	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	16.44	/	/	<=30	Pass
		Outer_Full	21.09	/	/	16.59	/	/	<=30	Pass
		Inner_Full	22.05	/	/	17.55	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	17.42	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	17.43	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.79	/	/	16.29	/	/	<=30	Pass
		Edge_1RB_Right	20.84	/	/	16.34	/	/	<=30	Pass
		Outer_Full	20.96	/	/	16.46	/	/	<=30	Pass
		Inner_Full	21.96	/	/	17.46	/	/	<=30	Pass

		Inner_1RB_Left	21.82	/	/	17.32	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	17.34	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.73	/	/	16.23	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	16.28	/	/	<=30	Pass
		Outer_Full	20.88	/	/	16.38	/	/	<=30	Pass
		Inner_Full	21.89	/	/	17.40	/	/	<=30	Pass
		Inner_1RB_Left	21.70	/	/	17.20	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	17.28	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge_1RB_Left	20.30	/	/	15.81	/	/	<=30	Pass
		Edge_1RB_Right	20.65	/	/	16.15	/	/	<=30	Pass
		Outer_Full	20.55	/	/	16.05	/	/	<=30	Pass
		Inner_Full	20.47	/	/	15.97	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	16.17	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	16.20	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.52	/	/	16.02	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	16.07	/	/	<=30	Pass
		Outer_Full	20.44	/	/	15.94	/	/	<=30	Pass
		Inner_Full	20.37	/	/	15.87	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	16.09	/	/	<=30	Pass
		Inner_1RB_Right	20.33	/	/	15.83	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.45	/	/	15.95	/	/	<=30	Pass
		Edge_1RB_Right	20.52	/	/	16.02	/	/	<=30	Pass
		Outer_Full	20.42	/	/	15.92	/	/	<=30	Pass
		Inner_Full	20.30	/	/	15.81	/	/	<=30	Pass
		Inner_1RB_Left	20.51	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Right	20.58	/	/	16.08	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge_1RB_Left	17.54	/	/	13.04	/	/	<=30	Pass
		Edge_1RB_Right	17.57	/	/	13.07	/	/	<=30	Pass
		Outer_Full	17.58	/	/	13.08	/	/	<=30	Pass
		Inner_Full	17.48	/	/	12.98	/	/	<=30	Pass
		Inner_1RB_Left	17.65	/	/	13.15	/	/	<=30	Pass
		Inner_1RB_Right	17.58	/	/	13.08	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.46	/	/	12.96	/	/	<=30	Pass
		Edge_1RB_Right	17.50	/	/	13.00	/	/	<=30	Pass
		Outer_Full	17.51	/	/	13.01	/	/	<=30	Pass
		Inner_Full	17.41	/	/	12.91	/	/	<=30	Pass
		Inner_1RB_Left	17.53	/	/	13.03	/	/	<=30	Pass
		Inner_1RB_Right	17.53	/	/	13.03	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	17.19	/	/	12.69	/	/	<=30	Pass
		Edge_1RB_Right	17.47	/	/	12.97	/	/	<=30	Pass
		Outer_Full	17.41	/	/	12.91	/	/	<=30	Pass
		Inner_Full	17.39	/	/	12.89	/	/	<=30	Pass
		Inner_1RB_Left	17.40	/	/	12.90	/	/	<=30	Pass
		Inner_1RB_Right	17.46	/	/	12.96	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -4.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15_S_10M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1715	Edge_1RB_Left	23.58	/	/	19.08	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	18.73	/	/	<=30	Pass
		Outer_Full	23.91	/	/	19.41	/	/	<=30	Pass
		Inner_Full	23.63	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	19.53	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	19.27	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.40	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	18.91	/	/	<=30	Pass
		Outer_Full	23.73	/	/	19.23	/	/	<=30	Pass
		Inner_Full	23.68	/	/	19.18	/	/	<=30	Pass

		Inner_1RB_Left	23.81	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	19.29	/	/	<=30	Pass
	1775	Edge_1RB_Left	23.23	/	/	18.73	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	18.71	/	/	<=30	Pass
		Outer_Full	23.70	/	/	19.20	/	/	<=30	Pass
		Inner_Full	23.44	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	19.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	22.93	/	/	18.43	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	18.27	/	/	<=30	Pass
		Outer_Full	22.90	/	/	18.40	/	/	<=30	Pass
		Inner_Full	23.61	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	19.04	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.90	/	/	17.40	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	17.34	/	/	<=30	Pass
		Outer_Full	21.98	/	/	17.48	/	/	<=30	Pass
		Inner_Full	22.59	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	18.32	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.01	/	/	17.51	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	17.83	/	/	<=30	Pass
		Outer_Full	22.32	/	/	17.82	/	/	<=30	Pass
		Inner_Full	23.05	/	/	18.55	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	18.61	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	18.62	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge_1RB_Left	22.19	/	/	17.69	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	17.68	/	/	<=30	Pass
		Outer_Full	22.27	/	/	17.77	/	/	<=30	Pass
		Inner_Full	22.44	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	18.16	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	17.82	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.83	/	/	17.33	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	17.31	/	/	<=30	Pass
		Outer_Full	21.98	/	/	17.48	/	/	<=30	Pass
		Inner_Full	21.66	/	/	17.16	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	17.22	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.93	/	/	17.43	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	17.47	/	/	<=30	Pass
		Outer_Full	22.08	/	/	17.58	/	/	<=30	Pass
		Inner_Full	21.93	/	/	17.43	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	17.39	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	17.54	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1715	Edge_1RB_Left	21.96	/	/	17.46	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	17.33	/	/	<=30	Pass
		Outer_Full	21.81	/	/	17.31	/	/	<=30	Pass
		Inner_Full	21.80	/	/	17.30	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	17.47	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	17.39	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.64	/	/	17.14	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	17.10	/	/	<=30	Pass
		Outer_Full	21.50	/	/	17.00	/	/	<=30	Pass
		Inner_Full	21.47	/	/	16.97	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	17.09	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.55	/	/	17.05	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	17.24	/	/	<=30	Pass
		Outer_Full	21.52	/	/	17.02	/	/	<=30	Pass
		Inner_Full	21.50	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	17.25	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge_1RB_Left	19.81	/	/	15.31	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	15.22	/	/	<=30	Pass

		Outer_Full	19.82	/	/	15.33	/	/	<=30	Pass	
		Inner_Full	19.66	/	/	15.16	/	/	<=30	Pass	
		Inner_1RB_Left	19.85	/	/	15.35	/	/	<=30	Pass	
		Inner_1RB_Right	19.76	/	/	15.26	/	/	<=30	Pass	
	1745	Edge_1RB_Left	19.55	/	/	15.05	/	/	<=30	Pass	
		Edge_1RB_Right	19.48	/	/	14.98	/	/	<=30	Pass	
		Outer_Full	19.59	/	/	15.10	/	/	<=30	Pass	
		Inner_Full	19.43	/	/	14.93	/	/	<=30	Pass	
		Inner_1RB_Left	19.61	/	/	15.11	/	/	<=30	Pass	
		Inner_1RB_Right	19.52	/	/	15.02	/	/	<=30	Pass	
		1775	Edge_1RB_Left	19.39	/	/	14.89	/	/	<=30	Pass
			Edge_1RB_Right	19.58	/	/	15.08	/	/	<=30	Pass
	Outer_Full		19.54	/	/	15.04	/	/	<=30	Pass	
	Inner_Full		19.45	/	/	14.95	/	/	<=30	Pass	
		Inner_1RB_Left	19.40	/	/	14.90	/	/	<=30	Pass	
		Inner_1RB_Right	19.64	/	/	15.14	/	/	<=30	Pass	

CP-OFDM QPSK	1715	Edge_1RB_Left	21.36	/	/	16.86	/	/	<=30	Pass	
		Edge_1RB_Right	21.28	/	/	16.78	/	/	<=30	Pass	
		Outer_Full	21.27	/	/	16.77	/	/	<=30	Pass	
		Inner_Full	22.66	/	/	18.16	/	/	<=30	Pass	
		Inner_1RB_Left	22.75	/	/	18.25	/	/	<=30	Pass	
		Inner_1RB_Right	22.55	/	/	18.05	/	/	<=30	Pass	
		1745	Edge_1RB_Left	21.00	/	/	16.50	/	/	<=30	Pass
			Edge_1RB_Right	21.06	/	/	16.56	/	/	<=30	Pass
	Outer_Full		20.98	/	/	16.48	/	/	<=30	Pass	
	Inner_Full		22.49	/	/	17.99	/	/	<=30	Pass	
		Inner_1RB_Left	22.55	/	/	18.05	/	/	<=30	Pass	
		Inner_1RB_Right	22.52	/	/	18.02	/	/	<=30	Pass	
		1775	Edge_1RB_Left	20.94	/	/	16.44	/	/	<=30	Pass
			Edge_1RB_Right	21.10	/	/	16.60	/	/	<=30	Pass
	Outer_Full		21.11	/	/	16.61	/	/	<=30	Pass	
	Inner_Full		22.50	/	/	18.00	/	/	<=30	Pass	
	Inner_1RB_Left	22.44	/	/	17.94	/	/	<=30	Pass		
	Inner_1RB_Right	22.54	/	/	18.04	/	/	<=30	Pass		

CP-OFDM 16 QAM	1715	Edge_1RB_Left	21.11	/	/	16.61	/	/	<=30	Pass	
		Edge_1RB_Right	21.36	/	/	16.86	/	/	<=30	Pass	
		Outer_Full	21.19	/	/	16.69	/	/	<=30	Pass	
		Inner_Full	22.08	/	/	17.58	/	/	<=30	Pass	
		Inner_1RB_Left	22.12	/	/	17.62	/	/	<=30	Pass	
		Inner_1RB_Right	22.04	/	/	17.54	/	/	<=30	Pass	
		1745	Edge_1RB_Left	20.80	/	/	16.30	/	/	<=30	Pass
			Edge_1RB_Right	20.81	/	/	16.31	/	/	<=30	Pass
	Outer_Full		20.95	/	/	16.45	/	/	<=30	Pass	
	Inner_Full		21.93	/	/	17.43	/	/	<=30	Pass	
		Inner_1RB_Left	21.83	/	/	17.33	/	/	<=30	Pass	
		Inner_1RB_Right	21.81	/	/	17.31	/	/	<=30	Pass	
		1775	Edge_1RB_Left	20.71	/	/	16.21	/	/	<=30	Pass
			Edge_1RB_Right	20.92	/	/	16.42	/	/	<=30	Pass
	Outer_Full		21.00	/	/	16.50	/	/	<=30	Pass	
	Inner_Full		21.95	/	/	17.45	/	/	<=30	Pass	
	Inner_1RB_Left	21.75	/	/	17.25	/	/	<=30	Pass		
	Inner_1RB_Right	21.89	/	/	17.39	/	/	<=30	Pass		

CP-OFDM 64 QAM	1715	Edge_1RB_Left	20.87	/	/	16.37	/	/	<=30	Pass	
		Edge_1RB_Right	20.76	/	/	16.26	/	/	<=30	Pass	
		Outer_Full	20.75	/	/	16.25	/	/	<=30	Pass	
		Inner_Full	20.55	/	/	16.05	/	/	<=30	Pass	
		Inner_1RB_Left	20.92	/	/	16.42	/	/	<=30	Pass	
		Inner_1RB_Right	20.79	/	/	16.29	/	/	<=30	Pass	
		1745	Edge_1RB_Left	20.55	/	/	16.05	/	/	<=30	Pass
			Edge_1RB_Right	20.62	/	/	16.12	/	/	<=30	Pass
	Outer_Full		20.47	/	/	15.97	/	/	<=30	Pass	
	Inner_Full		20.39	/	/	15.89	/	/	<=30	Pass	
	Inner_1RB_Left	20.64	/	/	16.14	/	/	<=30	Pass		
	Inner_1RB_Right	20.34	/	/	15.84	/	/	<=30	Pass		

	1775	Edge_1RB_Left	20.46	/	/	15.96	/	/	<=30	Pass
		Edge_1RB_Right	20.70	/	/	16.20	/	/	<=30	Pass
		Outer_Full	20.44	/	/	15.94	/	/	<=30	Pass
		Inner_Full	20.41	/	/	15.91	/	/	<=30	Pass
		Inner_1RB_Left	20.49	/	/	15.99	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	16.20	/	/	<=30	Pass
CP-OFDM 256 QAM	1715	Edge_1RB_Left	17.66	/	/	13.16	/	/	<=30	Pass
		Edge_1RB_Right	17.71	/	/	13.21	/	/	<=30	Pass
		Outer_Full	17.77	/	/	13.27	/	/	<=30	Pass
		Inner_Full	17.65	/	/	13.15	/	/	<=30	Pass
		Inner_1RB_Left	17.89	/	/	13.39	/	/	<=30	Pass
		Inner_1RB_Right	17.60	/	/	13.10	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.49	/	/	12.99	/	/	<=30	Pass
		Edge_1RB_Right	17.54	/	/	13.04	/	/	<=30	Pass
		Outer_Full	17.57	/	/	13.07	/	/	<=30	Pass
		Inner_Full	17.81	/	/	13.31	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	13.64	/	/	<=30	Pass
		Inner_1RB_Right	18.05	/	/	13.56	/	/	<=30	Pass
	1775	Edge_1RB_Left	17.38	/	/	12.88	/	/	<=30	Pass
		Edge_1RB_Right	17.62	/	/	13.12	/	/	<=30	Pass
		Outer_Full	17.50	/	/	13.00	/	/	<=30	Pass
		Inner_Full	17.42	/	/	12.92	/	/	<=30	Pass
		Inner_1RB_Left	17.43	/	/	12.93	/	/	<=30	Pass
			Inner_1RB_Right	17.63	/	/	13.13	/	/	<=30
Note1: Antenna Gain: Ant2: -4.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15_S_15M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Edge_1RB_Left	23.32	/	/	18.82	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	18.63	/	/	<=30	Pass
		Outer_Full	23.75	/	/	19.25	/	/	<=30	Pass
		Inner_Full	23.56	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	18.98	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.18	/	/	18.68	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	18.27	/	/	<=30	Pass
		Outer_Full	23.66	/	/	19.16	/	/	<=30	Pass
		Inner_Full	23.61	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	18.83	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.05	/	/	18.55	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	18.48	/	/	<=30	Pass
		Outer_Full	23.34	/	/	18.84	/	/	<=30	Pass
		Inner_Full	23.27	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	18.91	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	22.10	/	/	17.60	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	17.49	/	/	<=30	Pass
		Outer_Full	22.38	/	/	17.88	/	/	<=30	Pass
		Inner_Full	22.88	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	18.51	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	18.52	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.04	/	/	17.54	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	17.58	/	/	<=30	Pass
		Outer_Full	22.28	/	/	17.78	/	/	<=30	Pass
		Inner_Full	22.96	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	18.52	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	18.36	/	/	<=30	Pass

	1772.5	Edge_1RB_Left	21.75	/	/	17.25	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	17.39	/	/	<=30	Pass
		Outer_Full	21.97	/	/	17.47	/	/	<=30	Pass
		Inner_Full	22.77	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	18.32	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	18.45	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	21.91	/	/	17.41	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	17.17	/	/	<=30	Pass
		Outer_Full	22.08	/	/	17.58	/	/	<=30	Pass
		Inner_Full	21.80	/	/	17.30	/	/	<=30	Pass
		Inner_1RB_Left	22.05	/	/	17.55	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	17.33	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.89	/	/	17.39	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	17.21	/	/	<=30	Pass
		Outer_Full	22.15	/	/	17.65	/	/	<=30	Pass
		Inner_Full	21.95	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	17.36	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	17.37	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.53	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	17.28	/	/	<=30	Pass
		Outer_Full	21.93	/	/	17.43	/	/	<=30	Pass
		Inner_Full	21.60	/	/	17.10	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	17.05	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.75	/	/	17.25	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	17.16	/	/	<=30	Pass
		Outer_Full	21.65	/	/	17.15	/	/	<=30	Pass
		Inner_Full	21.66	/	/	17.16	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	17.17	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.76	/	/	17.26	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	17.01	/	/	<=30	Pass
		Outer_Full	21.65	/	/	17.15	/	/	<=30	Pass
		Inner_Full	21.66	/	/	17.16	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	17.09	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.35	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	17.09	/	/	<=30	Pass
		Outer_Full	21.43	/	/	16.93	/	/	<=30	Pass
		Inner_Full	21.39	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	16.86	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	17.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1717.5	Edge_1RB_Left	19.58	/	/	15.08	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	15.08	/	/	<=30	Pass
		Outer_Full	19.66	/	/	15.16	/	/	<=30	Pass
		Inner_Full	19.61	/	/	15.11	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	15.14	/	/	<=30	Pass
		Inner_1RB_Right	19.58	/	/	15.08	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.56	/	/	15.06	/	/	<=30	Pass
		Edge_1RB_Right	19.41	/	/	14.91	/	/	<=30	Pass
		Outer_Full	19.68	/	/	15.18	/	/	<=30	Pass
		Inner_Full	19.60	/	/	15.10	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	15.05	/	/	<=30	Pass
		Inner_1RB_Right	19.41	/	/	14.91	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	19.27	/	/	14.77	/	/	<=30	Pass
		Edge_1RB_Right	19.37	/	/	14.87	/	/	<=30	Pass
		Outer_Full	19.52	/	/	15.02	/	/	<=30	Pass
		Inner_Full	19.32	/	/	14.82	/	/	<=30	Pass
		Inner_1RB_Left	19.28	/	/	14.78	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	15.02	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	21.11	/	/	16.61	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	16.65	/	/	<=30	Pass
		Outer_Full	21.23	/	/	16.73	/	/	<=30	Pass
		Inner_Full	22.52	/	/	18.02	/	/	<=30	Pass

		Inner_1RB_Left	22.59	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	18.07	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.11	/	/	16.61	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	16.39	/	/	<=30	Pass
		Outer_Full	21.17	/	/	16.67	/	/	<=30	Pass
		Inner_Full	22.60	/	/	18.10	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	18.06	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	17.96	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.78	/	/	16.28	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	16.47	/	/	<=30	Pass
		Outer_Full	20.97	/	/	16.47	/	/	<=30	Pass
		Inner_Full	22.41	/	/	17.91	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	17.79	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	18.02	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Edge_1RB_Left	20.88	/	/	16.38	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	16.44	/	/	<=30	Pass
		Outer_Full	21.20	/	/	16.70	/	/	<=30	Pass
		Inner_Full	22.06	/	/	17.56	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	17.46	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	17.40	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.19	/	/	16.69	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	16.26	/	/	<=30	Pass
		Outer_Full	21.10	/	/	16.60	/	/	<=30	Pass
		Inner_Full	22.06	/	/	17.56	/	/	<=30	Pass
		Inner_1RB_Left	21.93	/	/	17.43	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	17.31	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.60	/	/	16.10	/	/	<=30	Pass
		Edge_1RB_Right	20.99	/	/	16.49	/	/	<=30	Pass
		Outer_Full	20.93	/	/	16.43	/	/	<=30	Pass
		Inner_Full	21.83	/	/	17.33	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	17.28	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	20.60	/	/	16.10	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	16.22	/	/	<=30	Pass
		Outer_Full	20.61	/	/	16.11	/	/	<=30	Pass
		Inner_Full	20.66	/	/	16.16	/	/	<=30	Pass
		Inner_1RB_Left	20.70	/	/	16.20	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	16.16	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.57	/	/	16.07	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	16.00	/	/	<=30	Pass
		Outer_Full	20.61	/	/	16.11	/	/	<=30	Pass
		Inner_Full	20.63	/	/	16.13	/	/	<=30	Pass
		Inner_1RB_Left	20.69	/	/	16.19	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	16.06	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.24	/	/	15.74	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	16.05	/	/	<=30	Pass
		Outer_Full	20.39	/	/	15.89	/	/	<=30	Pass
		Inner_Full	20.37	/	/	15.87	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	15.88	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	16.06	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	17.51	/	/	13.01	/	/	<=30	Pass
		Edge_1RB_Right	17.53	/	/	13.03	/	/	<=30	Pass
		Outer_Full	17.66	/	/	13.16	/	/	<=30	Pass
		Inner_Full	17.64	/	/	13.14	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	13.12	/	/	<=30	Pass
		Inner_1RB_Right	17.65	/	/	13.15	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.52	/	/	13.02	/	/	<=30	Pass
		Edge_1RB_Right	17.42	/	/	12.92	/	/	<=30	Pass
		Outer_Full	17.67	/	/	13.17	/	/	<=30	Pass
		Inner_Full	17.65	/	/	13.15	/	/	<=30	Pass
		Inner_1RB_Left	17.57	/	/	13.07	/	/	<=30	Pass
		Inner_1RB_Right	17.51	/	/	13.01	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	17.26	/	/	12.76	/	/	<=30	Pass
		Edge_1RB_Right	17.42	/	/	12.92	/	/	<=30	Pass

		Outer_Full	17.49	/	/	12.99	/	/	<=30	Pass
		Inner_Full	17.41	/	/	12.91	/	/	<=30	Pass
		Inner_1RB_Left	17.28	/	/	12.78	/	/	<=30	Pass
		Inner_1RB_Right	17.52	/	/	13.02	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -4.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15_S_20M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Edge_1RB_Left	23.29	/	/	18.79	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	18.57	/	/	<=30	Pass
		Outer_Full	23.62	/	/	19.12	/	/	<=30	Pass
		Inner_Full	23.35	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	18.92	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.02	/	/	18.52	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	18.27	/	/	<=30	Pass
		Outer_Full	23.65	/	/	19.15	/	/	<=30	Pass
		Inner_Full	23.56	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	18.75	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.96	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	18.40	/	/	<=30	Pass
		Outer_Full	23.31	/	/	18.81	/	/	<=30	Pass
		Inner_Full	23.28	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	18.81	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge_1RB_Left	21.99	/	/	17.49	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	17.43	/	/	<=30	Pass
		Outer_Full	22.10	/	/	17.60	/	/	<=30	Pass
		Inner_Full	22.75	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	18.28	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.90	/	/	17.40	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	17.10	/	/	<=30	Pass
		Outer_Full	22.11	/	/	17.61	/	/	<=30	Pass
		Inner_Full	22.96	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	18.13	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.45	/	/	16.95	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	17.16	/	/	<=30	Pass
		Outer_Full	21.94	/	/	17.44	/	/	<=30	Pass
		Inner_Full	22.54	/	/	18.04	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	18.21	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Edge_1RB_Left	21.88	/	/	17.38	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	17.48	/	/	<=30	Pass
		Outer_Full	22.09	/	/	17.59	/	/	<=30	Pass
		Inner_Full	21.77	/	/	17.27	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	17.27	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	17.22	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.89	/	/	17.39	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	17.11	/	/	<=30	Pass
		Outer_Full	22.04	/	/	17.54	/	/	<=30	Pass
		Inner_Full	21.94	/	/	17.44	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	17.27	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	16.95	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.58	/	/	17.08	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	17.25	/	/	<=30	Pass

DFT-s-OFDM 64 QAM		Outer_Full	21.90	/	/	17.40	/	/	<=30	Pass
		Inner_Full	21.55	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	16.76	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	17.12	/	/	<=30	Pass
	1720	Edge_1RB_Left	21.66	/	/	17.16	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	17.14	/	/	<=30	Pass
		Outer_Full	21.60	/	/	17.10	/	/	<=30	Pass
		Inner_Full	21.54	/	/	17.04	/	/	<=30	Pass
	1745	Inner_1RB_Left	21.68	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	17.21	/	/	<=30	Pass
		Edge_1RB_Left	21.65	/	/	17.15	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	16.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	21.50	/	/	17.00	/	/	<=30	Pass
		Inner_Full	21.57	/	/	17.07	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	17.24	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	16.94	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.33	/	/	16.83	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	17.08	/	/	<=30	Pass
		Outer_Full	21.39	/	/	16.89	/	/	<=30	Pass
		Inner_Full	21.31	/	/	16.81	/	/	<=30	Pass
	1720	Inner_1RB_Left	21.38	/	/	16.88	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	17.00	/	/	<=30	Pass
		Edge_1RB_Left	19.55	/	/	15.05	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	15.14	/	/	<=30	Pass
CP-OFDM QPSK	1720	Outer_Full	19.61	/	/	15.11	/	/	<=30	Pass
		Inner_Full	19.58	/	/	15.08	/	/	<=30	Pass
		Inner_1RB_Left	19.56	/	/	15.06	/	/	<=30	Pass
		Inner_1RB_Right	19.65	/	/	15.15	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.51	/	/	15.01	/	/	<=30	Pass
		Edge_1RB_Right	19.36	/	/	14.86	/	/	<=30	Pass
		Outer_Full	19.52	/	/	15.02	/	/	<=30	Pass
		Inner_Full	19.68	/	/	15.18	/	/	<=30	Pass
	1770	Inner_1RB_Left	19.55	/	/	15.06	/	/	<=30	Pass
		Inner_1RB_Right	19.36	/	/	14.86	/	/	<=30	Pass
		Edge_1RB_Left	19.25	/	/	14.75	/	/	<=30	Pass
		Edge_1RB_Right	19.42	/	/	14.92	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.41	/	/	14.91	/	/	<=30	Pass
		Inner_Full	19.30	/	/	14.80	/	/	<=30	Pass
		Inner_1RB_Left	19.27	/	/	14.77	/	/	<=30	Pass
		Inner_1RB_Right	19.43	/	/	14.93	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.04	/	/	16.54	/	/	<=30	Pass
		Edge_1RB_Right	21.09	/	/	16.59	/	/	<=30	Pass
		Outer_Full	21.16	/	/	16.66	/	/	<=30	Pass
		Inner_Full	22.52	/	/	18.02	/	/	<=30	Pass
	1770	Inner_1RB_Left	22.52	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	18.07	/	/	<=30	Pass
		Edge_1RB_Left	21.10	/	/	16.60	/	/	<=30	Pass
		Edge_1RB_Right	20.80	/	/	16.30	/	/	<=30	Pass
CP-OFDM 16 QAM	1745	Outer_Full	21.01	/	/	16.51	/	/	<=30	Pass
		Inner_Full	22.55	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	17.80	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.75	/	/	16.26	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	16.51	/	/	<=30	Pass
		Outer_Full	20.99	/	/	16.49	/	/	<=30	Pass
		Inner_Full	22.32	/	/	17.82	/	/	<=30	Pass
	1720	Inner_1RB_Left	22.25	/	/	17.75	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	17.90	/	/	<=30	Pass
		Edge_1RB_Left	20.85	/	/	16.35	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	16.39	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Outer_Full	21.08	/	/	16.58	/	/	<=30	Pass
		Inner_Full	22.08	/	/	17.58	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	17.33	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	17.38	/	/	<=30	Pass

	1745	Edge_1RB_Left	20.88	/	/	16.38	/	/	<=30	Pass
		Edge_1RB_Right	20.65	/	/	16.15	/	/	<=30	Pass
		Outer_Full	21.00	/	/	16.50	/	/	<=30	Pass
		Inner_Full	22.04	/	/	17.54	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	17.38	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	17.14	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.55	/	/	16.05	/	/	<=30	Pass
		Edge_1RB_Right	20.82	/	/	16.32	/	/	<=30	Pass
		Outer_Full	20.88	/	/	16.38	/	/	<=30	Pass
		Inner_Full	21.78	/	/	17.28	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	17.09	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	17.27	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Edge_1RB_Left	20.59	/	/	16.09	/	/	<=30	Pass
		Edge_1RB_Right	20.68	/	/	16.18	/	/	<=30	Pass
		Outer_Full	20.51	/	/	16.01	/	/	<=30	Pass
		Inner_Full	20.50	/	/	16.00	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	16.16	/	/	<=30	Pass
		Inner_1RB_Right	20.71	/	/	16.21	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.63	/	/	16.13	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	15.90	/	/	<=30	Pass
		Outer_Full	20.48	/	/	15.98	/	/	<=30	Pass
		Inner_Full	20.58	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Left	20.69	/	/	16.19	/	/	<=30	Pass
		Inner_1RB_Right	20.41	/	/	15.91	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.31	/	/	15.81	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	16.08	/	/	<=30	Pass
		Outer_Full	20.37	/	/	15.87	/	/	<=30	Pass
		Inner_Full	20.32	/	/	15.83	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	15.88	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	16.06	/	/	<=30	Pass
CP-OFDM 256 QAM	1720	Edge_1RB_Left	17.49	/	/	12.99	/	/	<=30	Pass
		Edge_1RB_Right	17.53	/	/	13.03	/	/	<=30	Pass
		Outer_Full	17.70	/	/	13.20	/	/	<=30	Pass
		Inner_Full	17.55	/	/	13.05	/	/	<=30	Pass
		Inner_1RB_Left	17.61	/	/	13.11	/	/	<=30	Pass
		Inner_1RB_Right	17.64	/	/	13.14	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.56	/	/	13.06	/	/	<=30	Pass
		Edge_1RB_Right	17.37	/	/	12.87	/	/	<=30	Pass
		Outer_Full	17.63	/	/	13.13	/	/	<=30	Pass
		Inner_Full	17.64	/	/	13.14	/	/	<=30	Pass
		Inner_1RB_Left	17.61	/	/	13.11	/	/	<=30	Pass
		Inner_1RB_Right	17.42	/	/	12.92	/	/	<=30	Pass
	1770	Edge_1RB_Left	17.21	/	/	12.71	/	/	<=30	Pass
		Edge_1RB_Right	17.41	/	/	12.91	/	/	<=30	Pass
		Outer_Full	17.41	/	/	12.91	/	/	<=30	Pass
		Inner_Full	17.33	/	/	12.83	/	/	<=30	Pass
		Inner_1RB_Left	17.31	/	/	12.81	/	/	<=30	Pass
		Inner_1RB_Right	17.45	/	/	12.95	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -4.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15_S_30M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1725	Edge_1RB_Left	23.13	/	/	18.63	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	18.37	/	/	<=30	Pass
		Outer_Full	23.52	/	/	19.02	/	/	<=30	Pass
		Inner_Full	23.41	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	18.94	/	/	<=30	Pass

	1745	Edge_1RB_Left	22.96	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	18.28	/	/	<=30	Pass
		Outer_Full	23.59	/	/	19.09	/	/	<=30	Pass
		Inner_Full	23.47	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	18.70	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.81	/	/	18.31	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	18.47	/	/	<=30	Pass
		Outer_Full	23.21	/	/	18.71	/	/	<=30	Pass
		Inner_Full	23.15	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	18.72	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Edge_1RB_Left	21.89	/	/	17.39	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	17.26	/	/	<=30	Pass
		Outer_Full	21.87	/	/	17.37	/	/	<=30	Pass
		Inner_Full	22.75	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	18.20	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.74	/	/	17.24	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	17.04	/	/	<=30	Pass
		Outer_Full	22.09	/	/	17.59	/	/	<=30	Pass
		Inner_Full	22.88	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	18.06	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.60	/	/	17.10	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	17.07	/	/	<=30	Pass
		Outer_Full	21.72	/	/	17.22	/	/	<=30	Pass
		Inner_Full	22.39	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	18.13	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1725	Edge_1RB_Left	21.84	/	/	17.34	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	17.36	/	/	<=30	Pass
		Outer_Full	22.04	/	/	17.54	/	/	<=30	Pass
		Inner_Full	21.66	/	/	17.16	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	17.12	/	/	<=30	Pass
		Inner_1RB_Right	21.46	/	/	16.96	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.88	/	/	17.38	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	17.09	/	/	<=30	Pass
		Outer_Full	22.00	/	/	17.50	/	/	<=30	Pass
		Inner_Full	21.74	/	/	17.24	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	16.97	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.56	/	/	17.06	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	17.29	/	/	<=30	Pass
		Outer_Full	21.80	/	/	17.30	/	/	<=30	Pass
		Inner_Full	21.66	/	/	17.17	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Right	21.40	/	/	16.90	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1725	Edge_1RB_Left	21.59	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	17.06	/	/	<=30	Pass
		Outer_Full	21.57	/	/	17.07	/	/	<=30	Pass
		Inner_Full	21.59	/	/	17.09	/	/	<=30	Pass
		Inner_1RB_Left	21.32	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	17.16	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.60	/	/	17.10	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	16.88	/	/	<=30	Pass
		Outer_Full	21.51	/	/	17.01	/	/	<=30	Pass
		Inner_Full	21.55	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	16.93	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.45	/	/	16.95	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	17.02	/	/	<=30	Pass
		Outer_Full	21.38	/	/	16.88	/	/	<=30	Pass
		Inner_Full	21.27	/	/	16.77	/	/	<=30	Pass

		Inner_1RB_Left	21.52	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	17.14	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Edge_1RB_Left	19.47	/	/	14.97	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	14.97	/	/	<=30	Pass
		Outer_Full	19.57	/	/	15.08	/	/	<=30	Pass
		Inner_Full	19.60	/	/	15.10	/	/	<=30	Pass
		Inner_1RB_Left	19.66	/	/	15.16	/	/	<=30	Pass
		Inner_1RB_Right	19.53	/	/	15.03	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.42	/	/	14.92	/	/	<=30	Pass
		Edge_1RB_Right	19.25	/	/	14.76	/	/	<=30	Pass
		Outer_Full	19.58	/	/	15.08	/	/	<=30	Pass
		Inner_Full	19.61	/	/	15.11	/	/	<=30	Pass
		Inner_1RB_Left	19.50	/	/	15.00	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	14.84	/	/	<=30	Pass
	1765	Edge_1RB_Left	19.24	/	/	14.74	/	/	<=30	Pass
		Edge_1RB_Right	19.39	/	/	14.89	/	/	<=30	Pass
		Outer_Full	19.43	/	/	14.93	/	/	<=30	Pass
		Inner_Full	19.41	/	/	14.91	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	14.82	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	15.01	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	21.11	/	/	16.61	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	16.54	/	/	<=30	Pass
		Outer_Full	21.05	/	/	16.55	/	/	<=30	Pass
		Inner_Full	22.51	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	17.90	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	17.99	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.97	/	/	16.47	/	/	<=30	Pass
		Edge_1RB_Right	20.84	/	/	16.34	/	/	<=30	Pass
		Outer_Full	20.99	/	/	16.49	/	/	<=30	Pass
		Inner_Full	22.53	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	17.70	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.80	/	/	16.30	/	/	<=30	Pass
		Edge_1RB_Right	20.95	/	/	16.45	/	/	<=30	Pass
		Outer_Full	20.89	/	/	16.40	/	/	<=30	Pass
		Inner_Full	22.23	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	17.66	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	17.91	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge_1RB_Left	20.83	/	/	16.33	/	/	<=30	Pass
		Edge_1RB_Right	20.83	/	/	16.33	/	/	<=30	Pass
		Outer_Full	21.05	/	/	16.55	/	/	<=30	Pass
		Inner_Full	21.98	/	/	17.48	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	17.36	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	17.35	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.70	/	/	16.20	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	16.11	/	/	<=30	Pass
		Outer_Full	21.01	/	/	16.51	/	/	<=30	Pass
		Inner_Full	21.99	/	/	17.49	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	17.32	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	17.04	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.62	/	/	16.12	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	16.51	/	/	<=30	Pass
		Outer_Full	20.87	/	/	16.37	/	/	<=30	Pass
		Inner_Full	21.77	/	/	17.27	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	17.09	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	17.28	/	/	<=30	Pass
CP-OFDM 64 QAM	1725	Edge_1RB_Left	20.61	/	/	16.11	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	15.77	/	/	<=30	Pass
		Outer_Full	20.58	/	/	16.08	/	/	<=30	Pass
		Inner_Full	20.54	/	/	16.04	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	16.17	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	16.12	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.52	/	/	16.02	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	15.83	/	/	<=30	Pass

		Outer_Full	20.45	/	/	15.95	/	/	<=30	Pass
		Inner_Full	20.52	/	/	16.02	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Right	20.40	/	/	15.90	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.39	/	/	15.89	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	16.08	/	/	<=30	Pass
		Outer_Full	20.38	/	/	15.88	/	/	<=30	Pass
		Inner_Full	20.30	/	/	15.81	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	15.95	/	/	<=30	Pass
		Inner_1RB_Right	20.57	/	/	16.07	/	/	<=30	Pass
CP-OFDM 256 QAM	1725	Edge_1RB_Left	17.43	/	/	12.93	/	/	<=30	Pass
		Edge_1RB_Right	17.49	/	/	12.99	/	/	<=30	Pass
		Outer_Full	17.57	/	/	13.07	/	/	<=30	Pass
		Inner_Full	17.56	/	/	13.06	/	/	<=30	Pass
		Inner_1RB_Left	17.51	/	/	13.01	/	/	<=30	Pass
		Inner_1RB_Right	17.49	/	/	12.99	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.37	/	/	12.87	/	/	<=30	Pass
		Edge_1RB_Right	17.28	/	/	12.78	/	/	<=30	Pass
		Outer_Full	17.52	/	/	13.02	/	/	<=30	Pass
		Inner_Full	17.54	/	/	13.04	/	/	<=30	Pass
		Inner_1RB_Left	17.46	/	/	12.96	/	/	<=30	Pass
		Inner_1RB_Right	17.21	/	/	12.71	/	/	<=30	Pass
	1765	Edge_1RB_Left	17.27	/	/	12.77	/	/	<=30	Pass
		Edge_1RB_Right	17.45	/	/	12.95	/	/	<=30	Pass
		Outer_Full	17.39	/	/	12.89	/	/	<=30	Pass
		Inner_Full	17.36	/	/	12.86	/	/	<=30	Pass
		Inner_1RB_Left	17.32	/	/	12.82	/	/	<=30	Pass
	Inner_1RB_Right	17.43	/	/	12.93	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant2: -4.50dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.6 15_S_40M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 40MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1730	Edge_1RB_Left	23.09	/	/	18.59	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	18.41	/	/	<=30	Pass
		Outer_Full	23.39	/	/	18.89	/	/	<=30	Pass
		Inner_Full	23.25	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	18.70	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.98	/	/	18.48	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	18.20	/	/	<=30	Pass
		Outer_Full	23.41	/	/	18.92	/	/	<=30	Pass
		Inner_Full	23.20	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	18.50	/	/	<=30	Pass
	1760	Edge_1RB_Left	22.96	/	/	18.47	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	18.40	/	/	<=30	Pass
		Outer_Full	23.31	/	/	18.81	/	/	<=30	Pass
		Inner_Full	23.03	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	18.82	/	/	<=30	Pass
DFT-s-OFDM QPSK	1730	Edge_1RB_Left	21.84	/	/	17.34	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	17.26	/	/	<=30	Pass
		Outer_Full	21.92	/	/	17.42	/	/	<=30	Pass
		Inner_Full	22.87	/	/	18.37	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	18.22	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.71	/	/	17.21	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	17.09	/	/	<=30	Pass

		Outer_Full	21.76	/	/	17.26	/	/	<=30	Pass
		Inner_Full	22.69	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	18.02	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.76	/	/	17.26	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	17.43	/	/	<=30	Pass
		Outer_Full	21.97	/	/	17.47	/	/	<=30	Pass
		Inner_Full	22.42	/	/	17.92	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	18.21	/	/	<=30	Pass
		Edge_1RB_Left	21.95	/	/	17.45	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	17.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	22.09	/	/	17.59	/	/	<=30	Pass
		Inner_Full	21.79	/	/	17.29	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	17.11	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.77	/	/	17.27	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	17.03	/	/	<=30	Pass
		Outer_Full	21.87	/	/	17.37	/	/	<=30	Pass
		Inner_Full	21.71	/	/	17.21	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	17.21	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	16.98	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.76	/	/	17.26	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	17.36	/	/	<=30	Pass
		Outer_Full	21.90	/	/	17.40	/	/	<=30	Pass
		Inner_Full	21.55	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	17.09	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1730	Edge_1RB_Left	21.62	/	/	17.12	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	16.87	/	/	<=30	Pass
		Outer_Full	21.56	/	/	17.06	/	/	<=30	Pass
		Inner_Full	21.58	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	17.19	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	17.18	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.59	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	16.89	/	/	<=30	Pass
		Outer_Full	21.41	/	/	16.91	/	/	<=30	Pass
		Inner_Full	21.44	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	17.12	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	16.98	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.59	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	17.15	/	/	<=30	Pass
		Outer_Full	21.34	/	/	16.84	/	/	<=30	Pass
		Inner_Full	21.22	/	/	16.72	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	17.22	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1730	Edge_1RB_Left	19.54	/	/	15.04	/	/	<=30	Pass
		Edge_1RB_Right	19.52	/	/	15.02	/	/	<=30	Pass
		Outer_Full	19.60	/	/	15.10	/	/	<=30	Pass
		Inner_Full	19.61	/	/	15.11	/	/	<=30	Pass
		Inner_1RB_Left	19.70	/	/	15.20	/	/	<=30	Pass
		Inner_1RB_Right	19.64	/	/	15.14	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.41	/	/	14.91	/	/	<=30	Pass
		Edge_1RB_Right	19.35	/	/	14.85	/	/	<=30	Pass
		Outer_Full	19.41	/	/	14.91	/	/	<=30	Pass
		Inner_Full	19.53	/	/	15.03	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	15.02	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	14.84	/	/	<=30	Pass
	1760	Edge_1RB_Left	19.48	/	/	14.98	/	/	<=30	Pass
		Edge_1RB_Right	19.52	/	/	15.02	/	/	<=30	Pass
		Outer_Full	19.38	/	/	14.88	/	/	<=30	Pass
		Inner_Full	19.37	/	/	14.87	/	/	<=30	Pass
		Inner_1RB_Left	19.49	/	/	14.99	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	15.05	/	/	<=30	Pass

CP-OFDM QPSK	1730	Edge_1RB_Left	21.08	/	/	16.58	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	16.62	/	/	<=30	Pass
		Outer_Full	21.12	/	/	16.62	/	/	<=30	Pass
		Inner_Full	22.55	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	18.07	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	18.01	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.96	/	/	16.46	/	/	<=30	Pass
		Edge_1RB_Right	20.82	/	/	16.32	/	/	<=30	Pass
		Outer_Full	20.93	/	/	16.43	/	/	<=30	Pass
		Inner_Full	22.50	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	17.82	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.01	/	/	16.51	/	/	<=30	Pass
		Edge_1RB_Right	21.03	/	/	16.53	/	/	<=30	Pass
		Outer_Full	20.95	/	/	16.45	/	/	<=30	Pass
		Inner_Full	22.30	/	/	17.80	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	18.02	/	/	<=30	Pass
CP-OFDM 16 QAM	1730	Edge_1RB_Left	20.88	/	/	16.38	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	16.60	/	/	<=30	Pass
		Outer_Full	21.03	/	/	16.53	/	/	<=30	Pass
		Inner_Full	22.00	/	/	17.50	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	17.41	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	17.44	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.79	/	/	16.29	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	16.14	/	/	<=30	Pass
		Outer_Full	20.87	/	/	16.37	/	/	<=30	Pass
		Inner_Full	21.95	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	17.36	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	17.14	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.78	/	/	16.28	/	/	<=30	Pass
		Edge_1RB_Right	20.92	/	/	16.42	/	/	<=30	Pass
		Outer_Full	20.82	/	/	16.32	/	/	<=30	Pass
		Inner_Full	21.82	/	/	17.32	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	17.34	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	17.34	/	/	<=30	Pass
CP-OFDM 64 QAM	1730	Edge_1RB_Left	20.59	/	/	16.09	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	16.14	/	/	<=30	Pass
		Outer_Full	20.56	/	/	16.06	/	/	<=30	Pass
		Inner_Full	20.55	/	/	16.05	/	/	<=30	Pass
		Inner_1RB_Left	20.65	/	/	16.15	/	/	<=30	Pass
		Inner_1RB_Right	20.71	/	/	16.21	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.52	/	/	16.02	/	/	<=30	Pass
		Edge_1RB_Right	20.41	/	/	15.91	/	/	<=30	Pass
		Outer_Full	20.43	/	/	15.93	/	/	<=30	Pass
		Inner_Full	20.51	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Right	20.45	/	/	15.95	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.55	/	/	16.05	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	16.11	/	/	<=30	Pass
		Outer_Full	20.29	/	/	15.79	/	/	<=30	Pass
		Inner_Full	20.30	/	/	15.81	/	/	<=30	Pass
		Inner_1RB_Left	20.63	/	/	16.13	/	/	<=30	Pass
		Inner_1RB_Right	20.68	/	/	16.18	/	/	<=30	Pass
CP-OFDM 256 QAM	1730	Edge_1RB_Left	17.51	/	/	13.01	/	/	<=30	Pass
		Edge_1RB_Right	17.53	/	/	13.03	/	/	<=30	Pass
		Outer_Full	17.56	/	/	13.06	/	/	<=30	Pass
		Inner_Full	17.62	/	/	13.12	/	/	<=30	Pass
		Inner_1RB_Left	17.59	/	/	13.09	/	/	<=30	Pass
		Inner_1RB_Right	17.57	/	/	13.07	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.43	/	/	12.93	/	/	<=30	Pass
		Edge_1RB_Right	17.28	/	/	12.78	/	/	<=30	Pass
		Outer_Full	17.47	/	/	12.97	/	/	<=30	Pass
		Inner_Full	17.47	/	/	12.97	/	/	<=30	Pass

		Inner_1RB_Left	17.44	/	/	12.94	/	/	<=30	Pass
		Inner_1RB_Right	17.15	/	/	12.65	/	/	<=30	Pass
	1760	Edge_1RB_Left	17.42	/	/	12.92	/	/	<=30	Pass
		Edge_1RB_Right	17.48	/	/	12.98	/	/	<=30	Pass
		Outer_Full	17.39	/	/	12.89	/	/	<=30	Pass
		Inner_Full	17.34	/	/	12.84	/	/	<=30	Pass
		Inner_1RB_Left	17.50	/	/	13.00	/	/	<=30	Pass
		Inner_1RB_Right	17.60	/	/	13.10	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -4.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_40M

5G NR n66 SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	459.68	0.2634	>=-2.5 & <=2.5	Pass
				HV	-2.05	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-1.66	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-2.26	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.64	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-1.69	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-5.02	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-1.41	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	1.00	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	0.31	0.0002	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n66 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	1745	Outer_Full	4.56	4.95	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	4.53	4.99	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	4.55	5.01	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	4.57	5.02	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	4.56	4.99	/	Pass
CP-OFDM QPSK	1745	Outer_Full	4.51	5.00	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	4.52	4.93	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	4.51	4.98	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	4.54	5.00	/	Pass

3.1.2 15_S_10M_NTNV

5G NR n66 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	1745	Outer_Full	9.00	9.71	/	Pass

DFT-s-OFDM QPSK	1745	Outer Full	9.04	9.68	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer Full	9.02	9.73	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer Full	9.05	9.70	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer Full	9.05	9.71	/	Pass
CP-OFDM QPSK	1745	Outer Full	9.37	10.02	/	Pass
CP-OFDM 16 QAM	1745	Outer Full	9.40	10.09	/	Pass
CP-OFDM 64 QAM	1745	Outer Full	9.36	10.05	/	Pass
CP-OFDM 256 QAM	1745	Outer Full	9.35	10.06	/	Pass

3.1.3 15_S_15M_NTNV

5G NR n66 SCS=15kHz SISO 15MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1745	Outer Full	13.52	14.49	/	Pass
DFT-s-OFDM QPSK	1745	Outer Full	13.53	14.57	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer Full	13.60	14.63	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer Full	13.61	14.57	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer Full	13.59	14.61	/	Pass
CP-OFDM QPSK	1745	Outer Full	14.26	15.28	/	Pass
CP-OFDM 16 QAM	1745	Outer Full	14.26	15.30	/	Pass
CP-OFDM 64 QAM	1745	Outer Full	14.24	15.25	/	Pass
CP-OFDM 256 QAM	1745	Outer Full	14.24	15.24	/	Pass

3.1.4 15_S_20M_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1745	Outer Full	18.01	19.37	/	Pass
DFT-s-OFDM QPSK	1745	Outer Full	18.07	19.43	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer Full	18.02	19.43	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer Full	18.08	19.40	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer Full	18.05	19.42	/	Pass
CP-OFDM QPSK	1745	Outer Full	19.12	20.42	/	Pass
CP-OFDM 16 QAM	1745	Outer Full	19.12	20.50	/	Pass
CP-OFDM 64 QAM	1745	Outer Full	19.09	20.47	/	Pass
CP-OFDM 256 QAM	1745	Outer Full	19.05	20.43	/	Pass

3.1.5 15_S_30M_NTNV

5G NR n66 SCS=15kHz SISO 30MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1745	Outer Full	28.75	30.80	/	Pass
DFT-s-OFDM QPSK	1745	Outer Full	28.75	30.79	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer Full	28.78	30.80	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer Full	28.81	30.81	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer Full	28.84	30.88	/	Pass
CP-OFDM QPSK	1745	Outer Full	28.76	30.73	/	Pass
CP-OFDM 16 QAM	1745	Outer Full	28.80	30.86	/	Pass
CP-OFDM 64 QAM	1745	Outer Full	28.71	30.80	/	Pass
CP-OFDM 256 QAM	1745	Outer Full	28.72	30.74	/	Pass

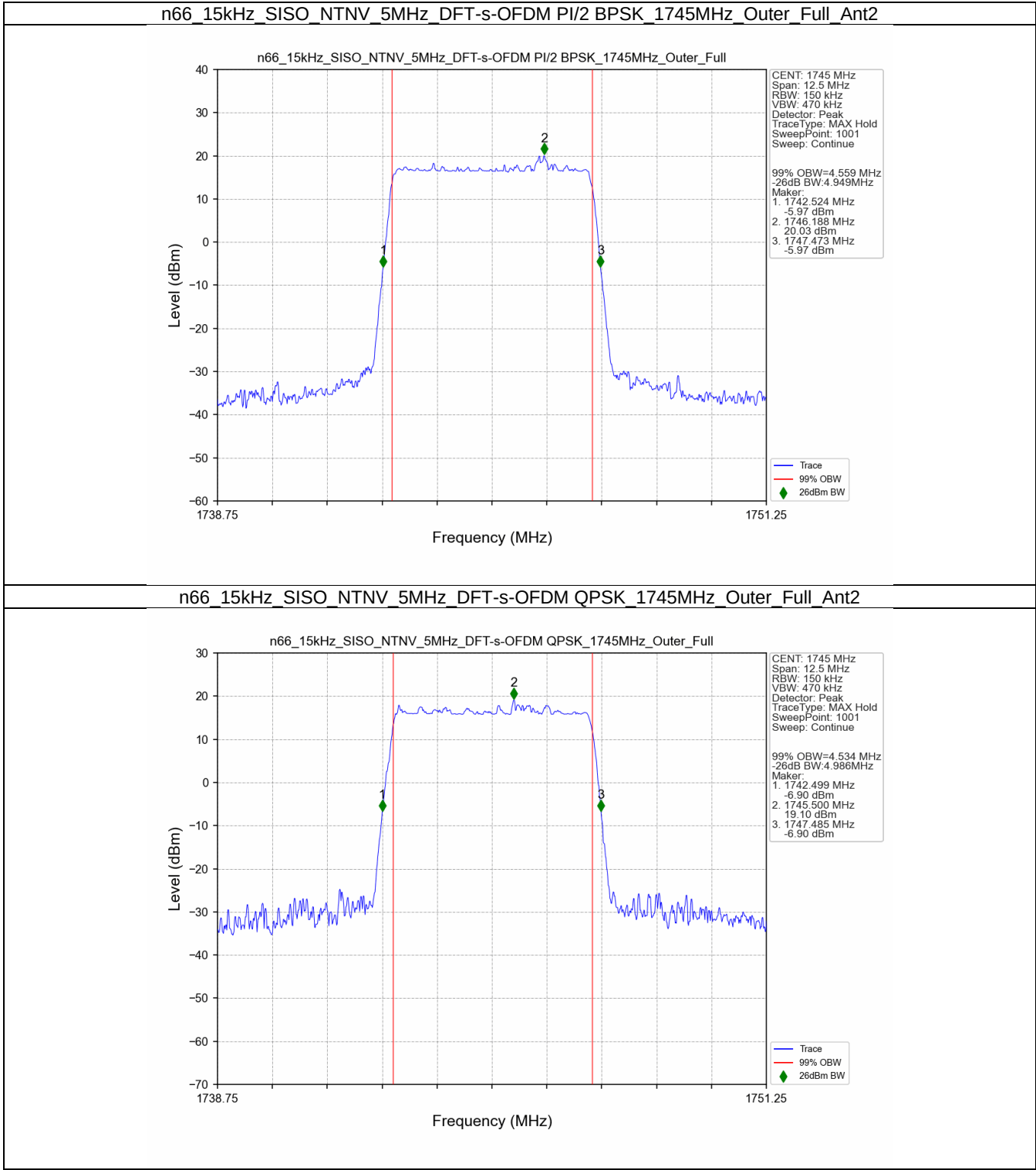
3.1.6 15 S 40M NTNV

5G NR n66 SCS=15kHz SISO 40MHz NTN

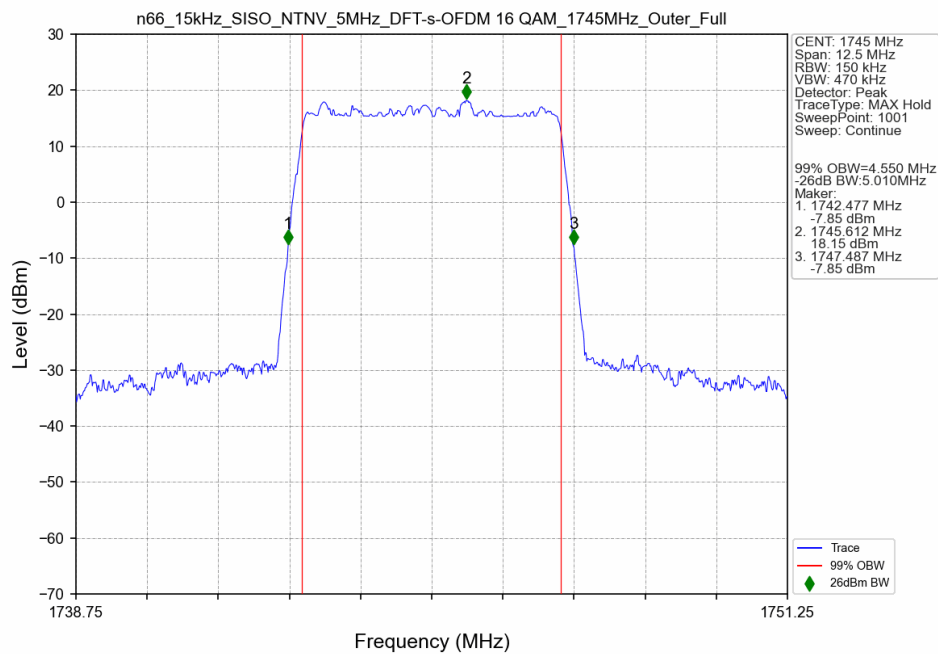
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1745	Outer Full	38.81	41.36	/	Pass
DFT-s-OFDM QPSK	1745	Outer Full	38.76	41.50	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer Full	38.78	41.45	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer Full	38.84	41.50	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer Full	38.95	41.57	/	Pass
CP-OFDM QPSK	1745	Outer Full	38.90	41.50	/	Pass
CP-OFDM 16 QAM	1745	Outer Full	38.83	41.59	/	Pass
CP-OFDM 64 QAM	1745	Outer Full	38.88	41.46	/	Pass
CP-OFDM 256 QAM	1745	Outer Full	38.82	41.48	/	Pass

3.2 Test Graph

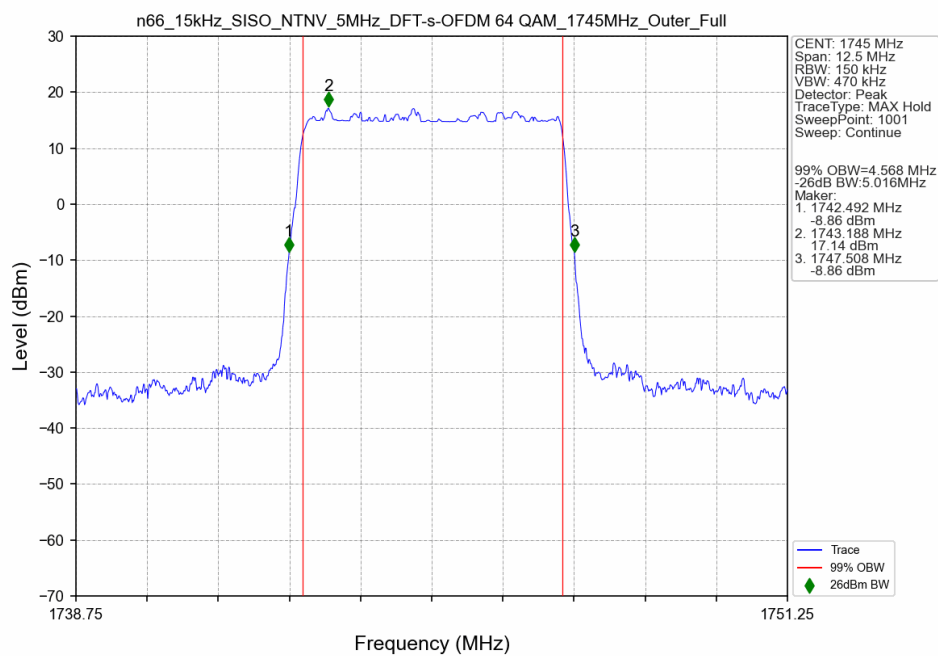
3.2.1 15_S_5M_NTNV



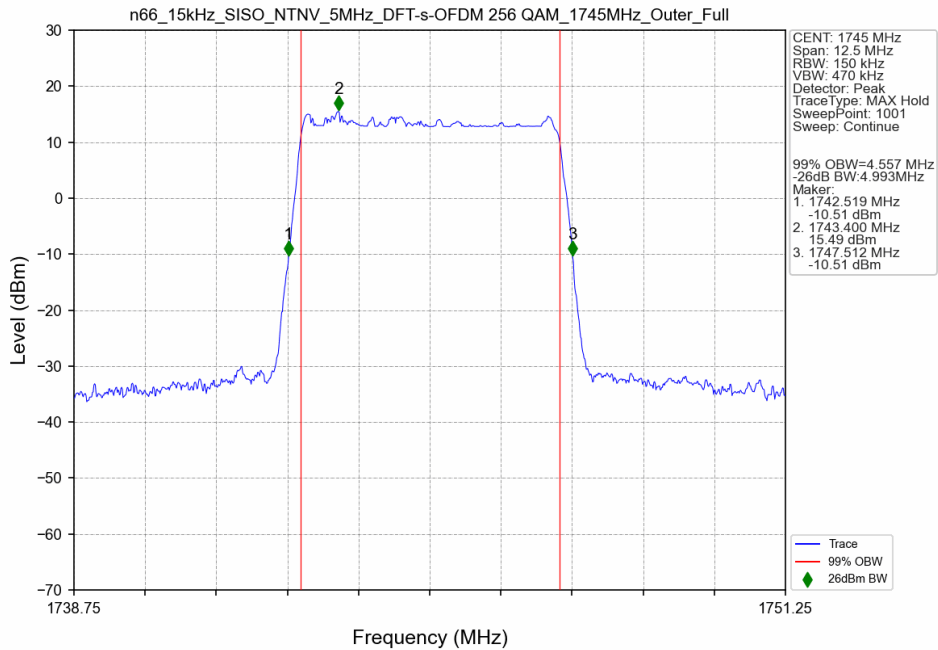
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 1745MHz_Outer_Full_Ant2



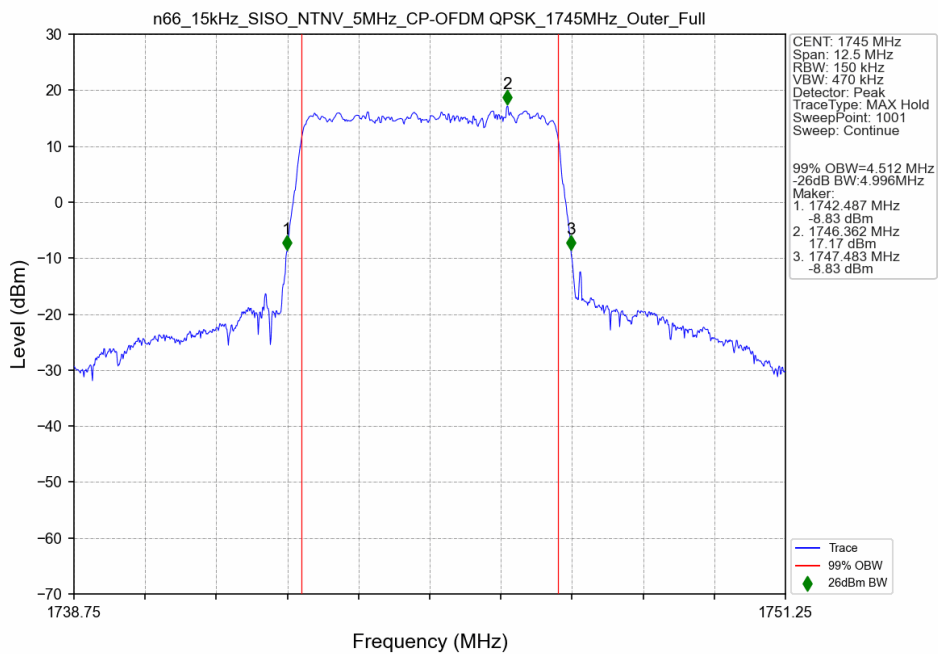
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 1745MHz_Outer_Full_Ant2



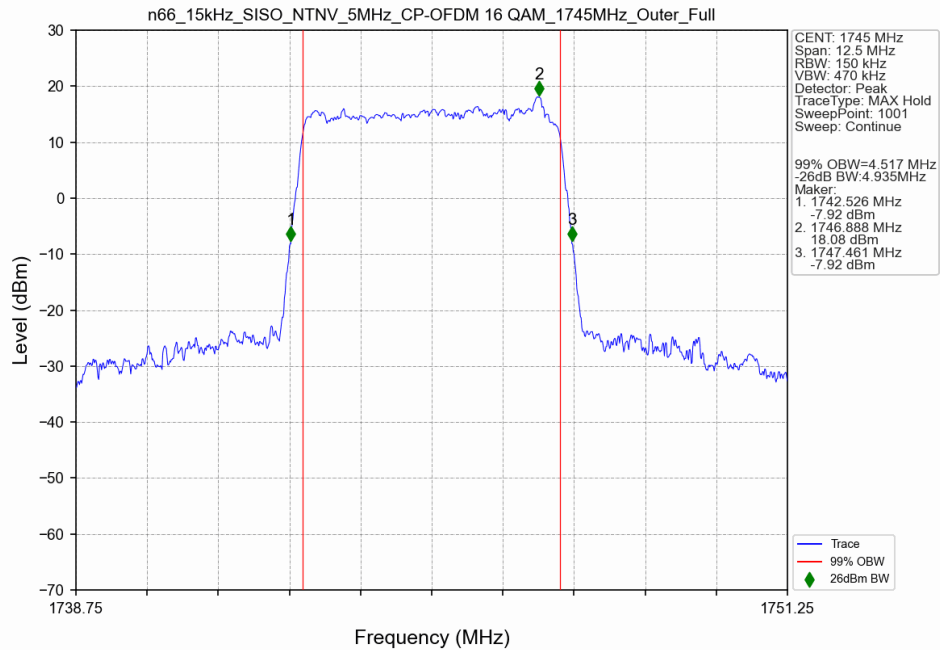
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1745MHz_Outer_Full_Ant2



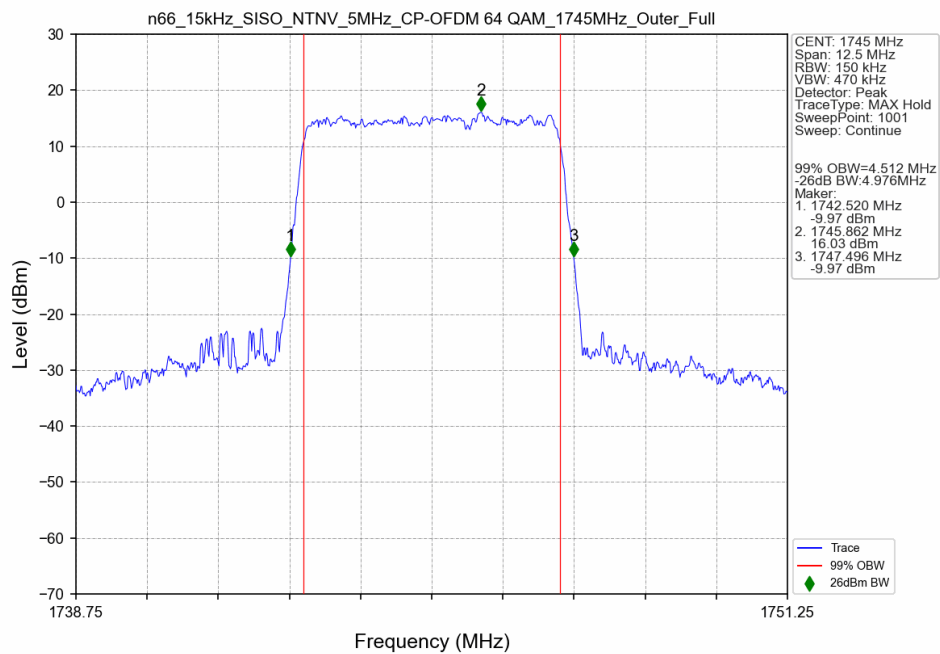
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1745MHz_Outer_Full_Ant2

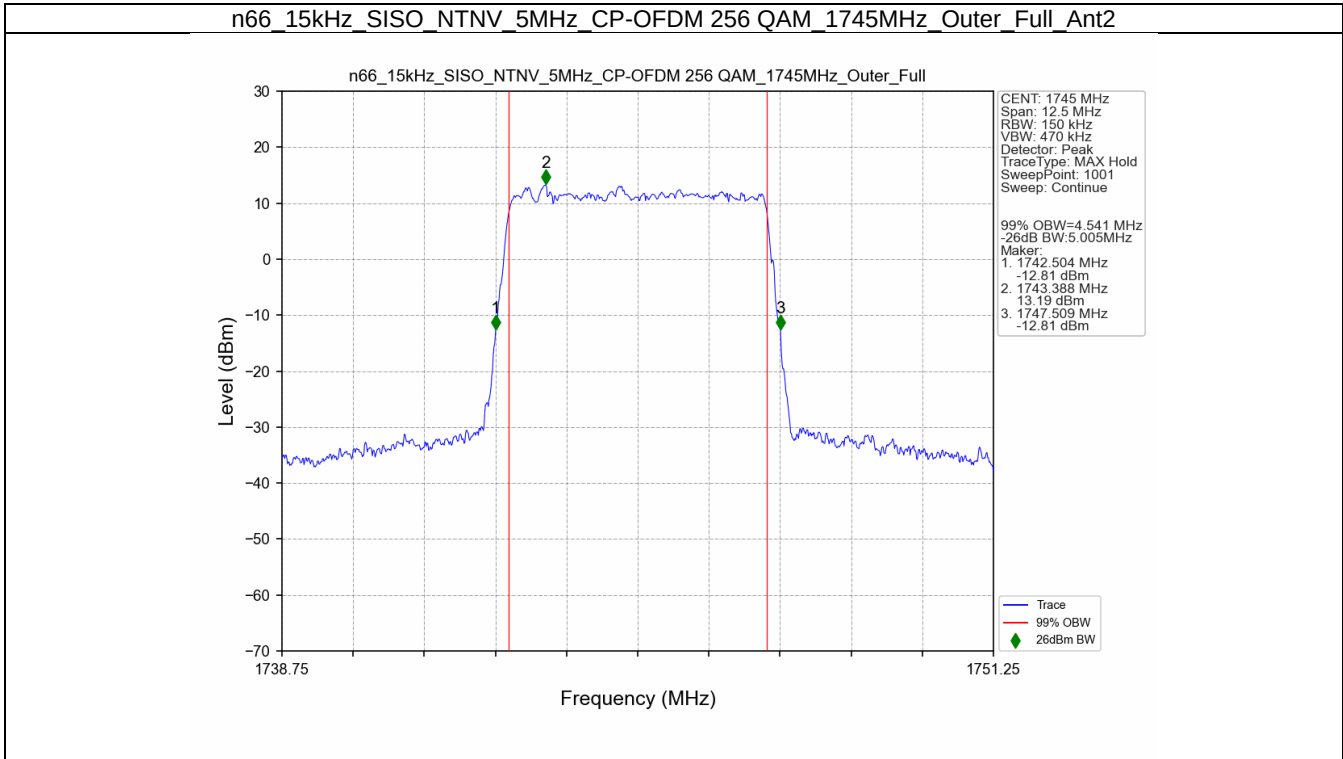


n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 1745MHz_Outer_Full_Ant2

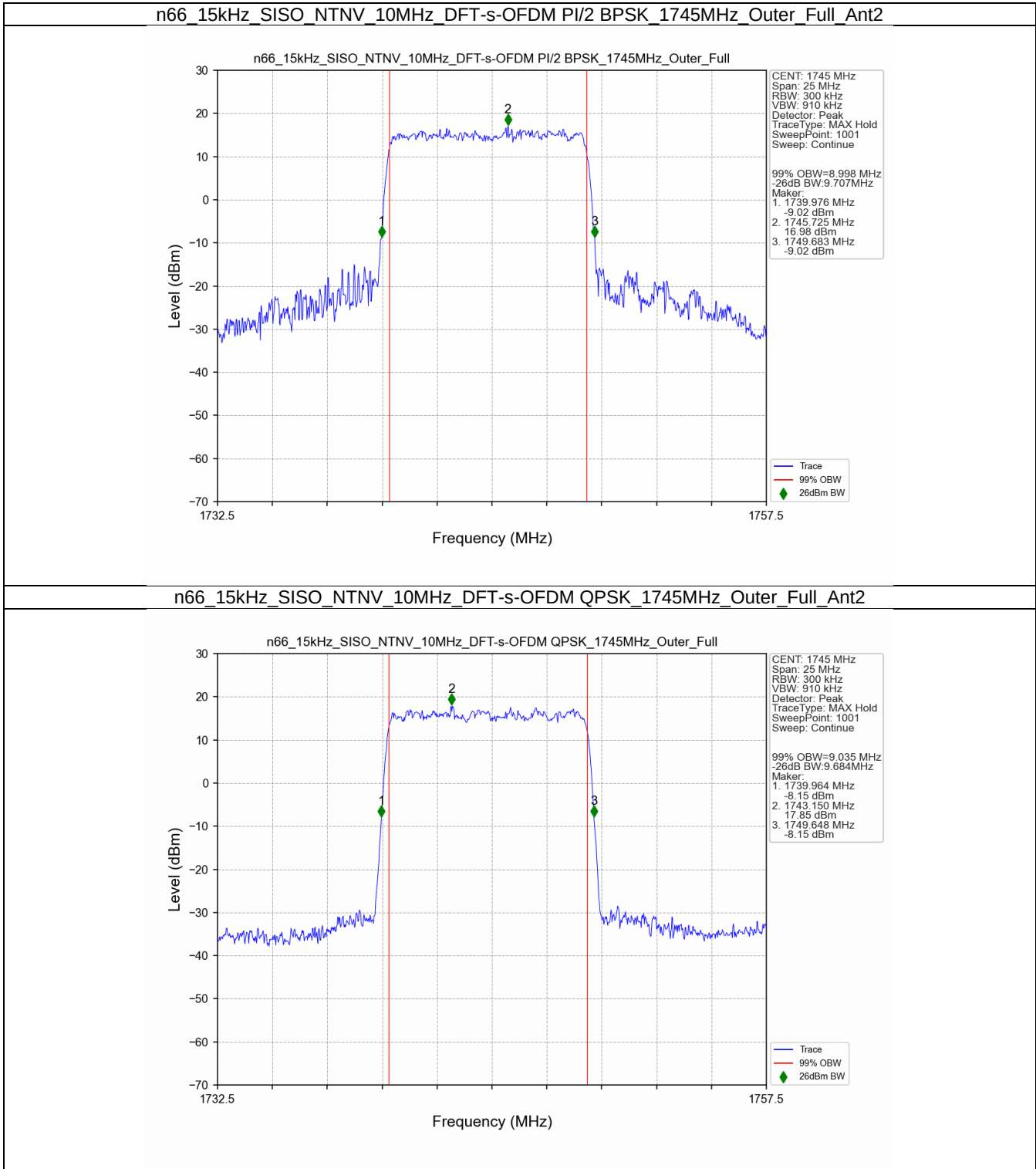


n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 1745MHz_Outer_Full_Ant2

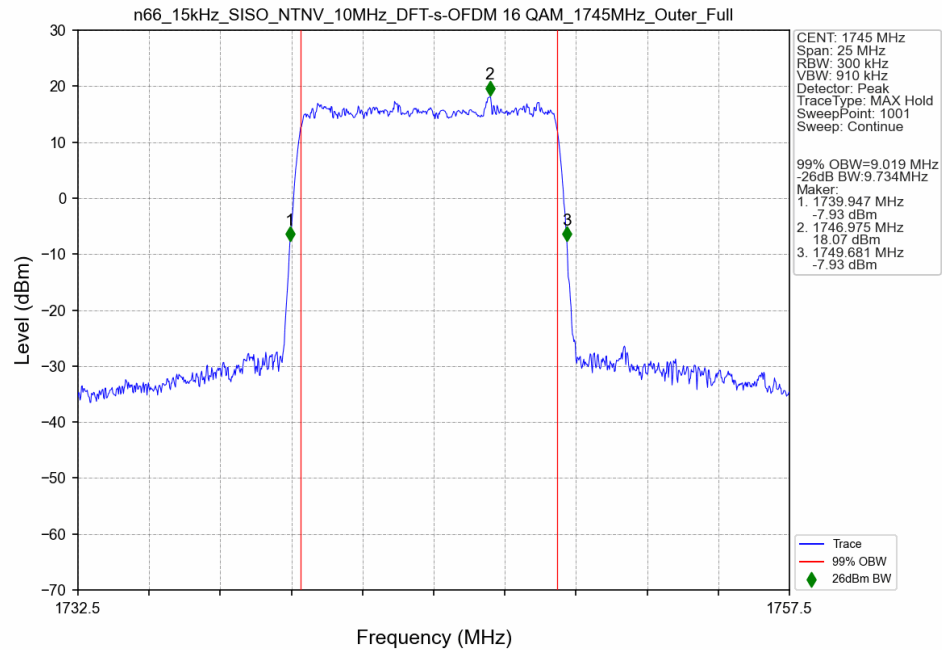




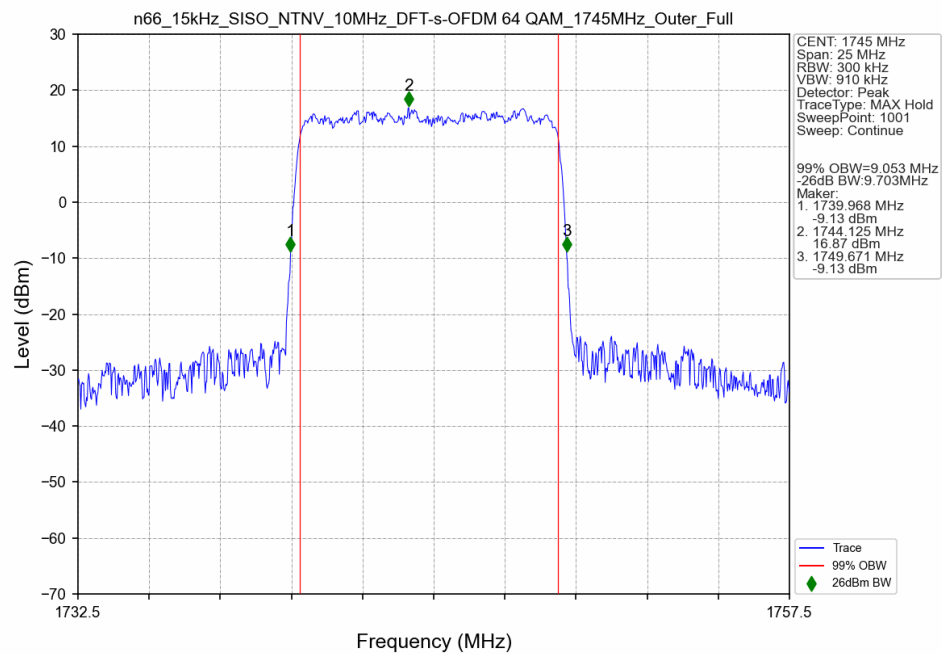
3.2.2 15_S_10M_NTNV



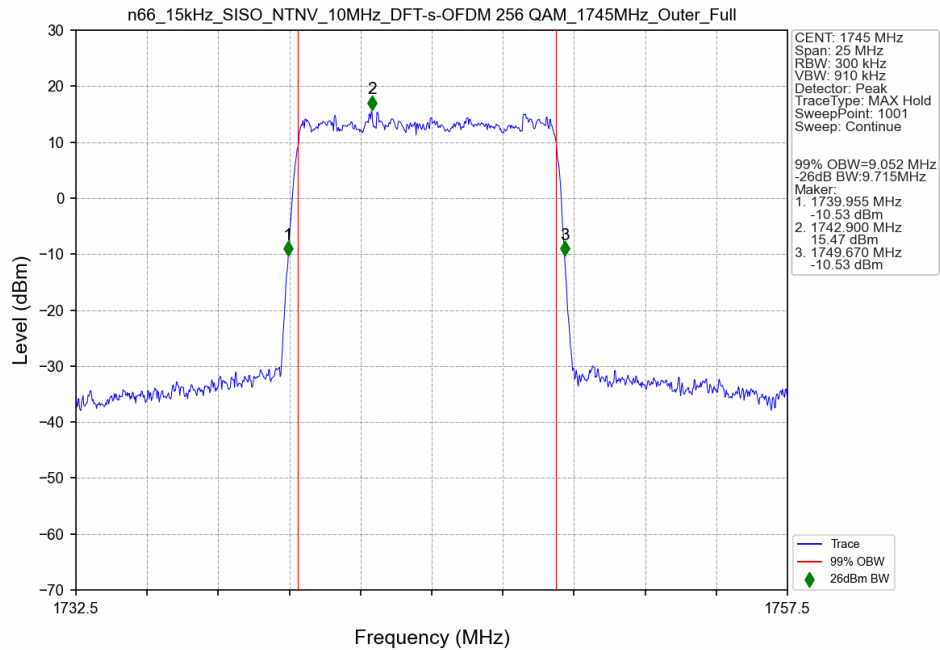
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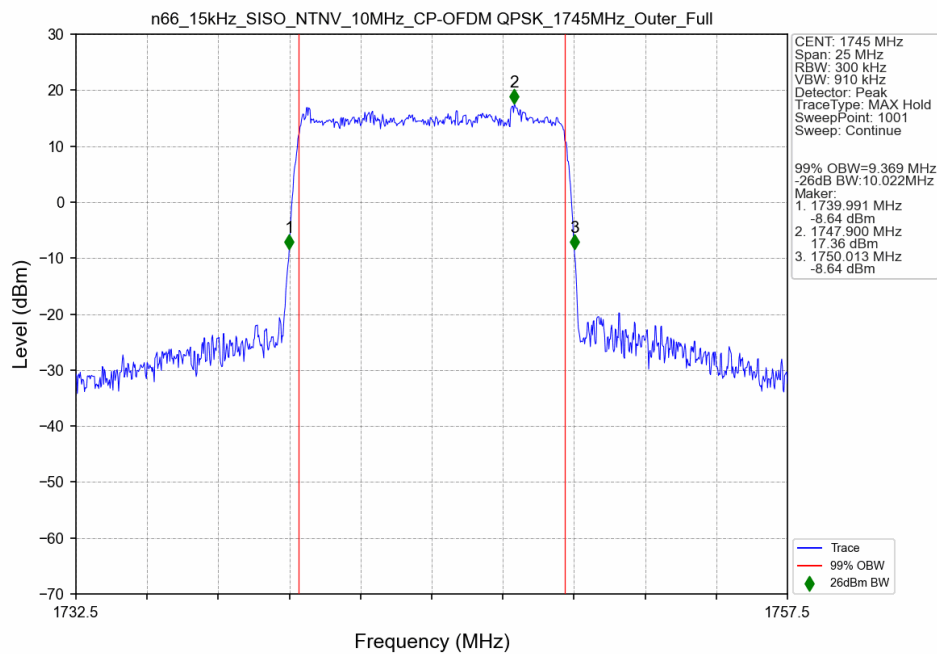
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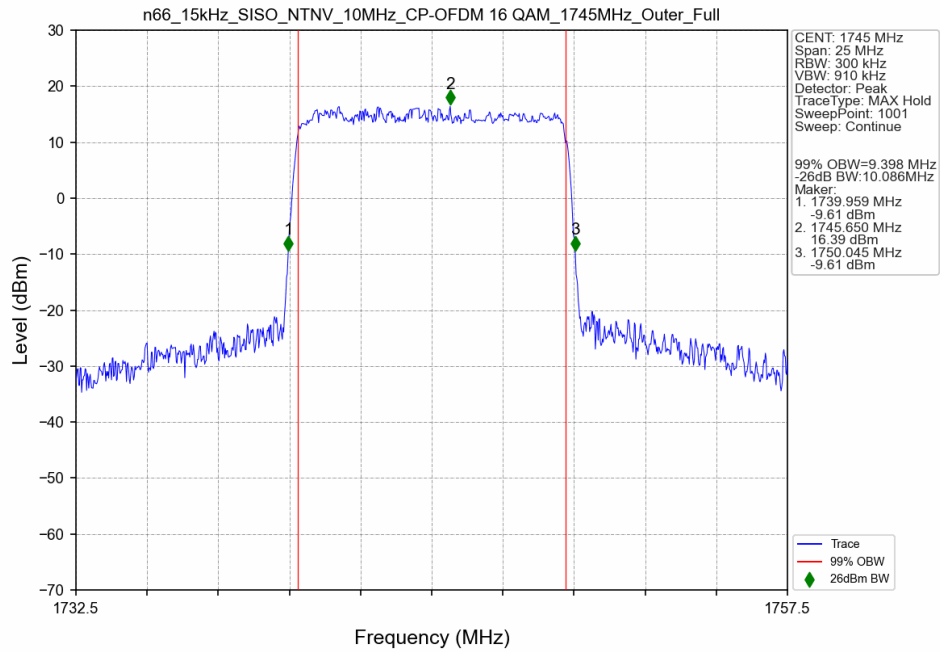
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 1745MHz_Outer_Full_Ant2



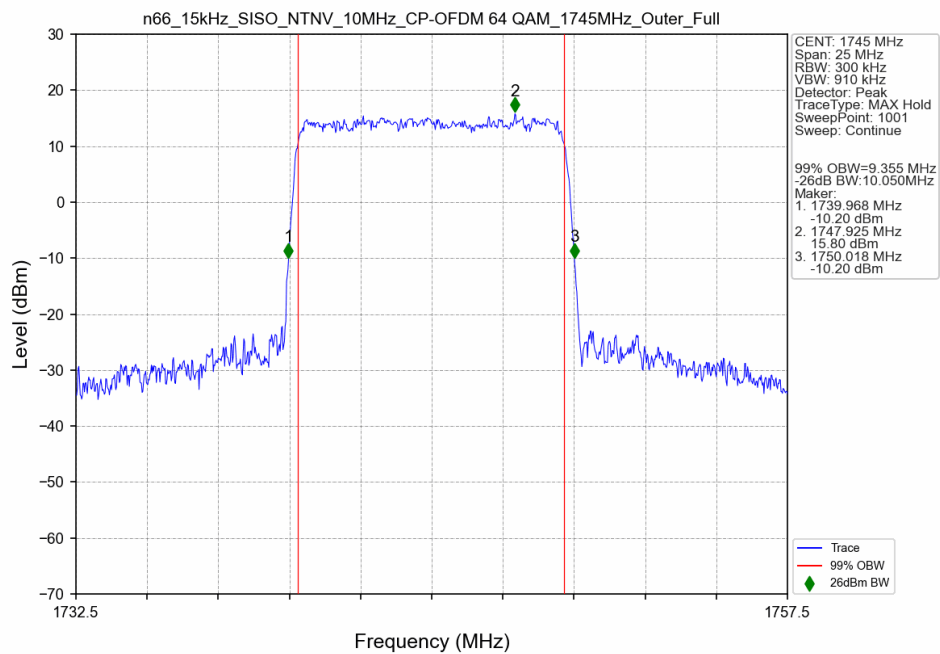
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 1745MHz_Outer_Full_Ant2

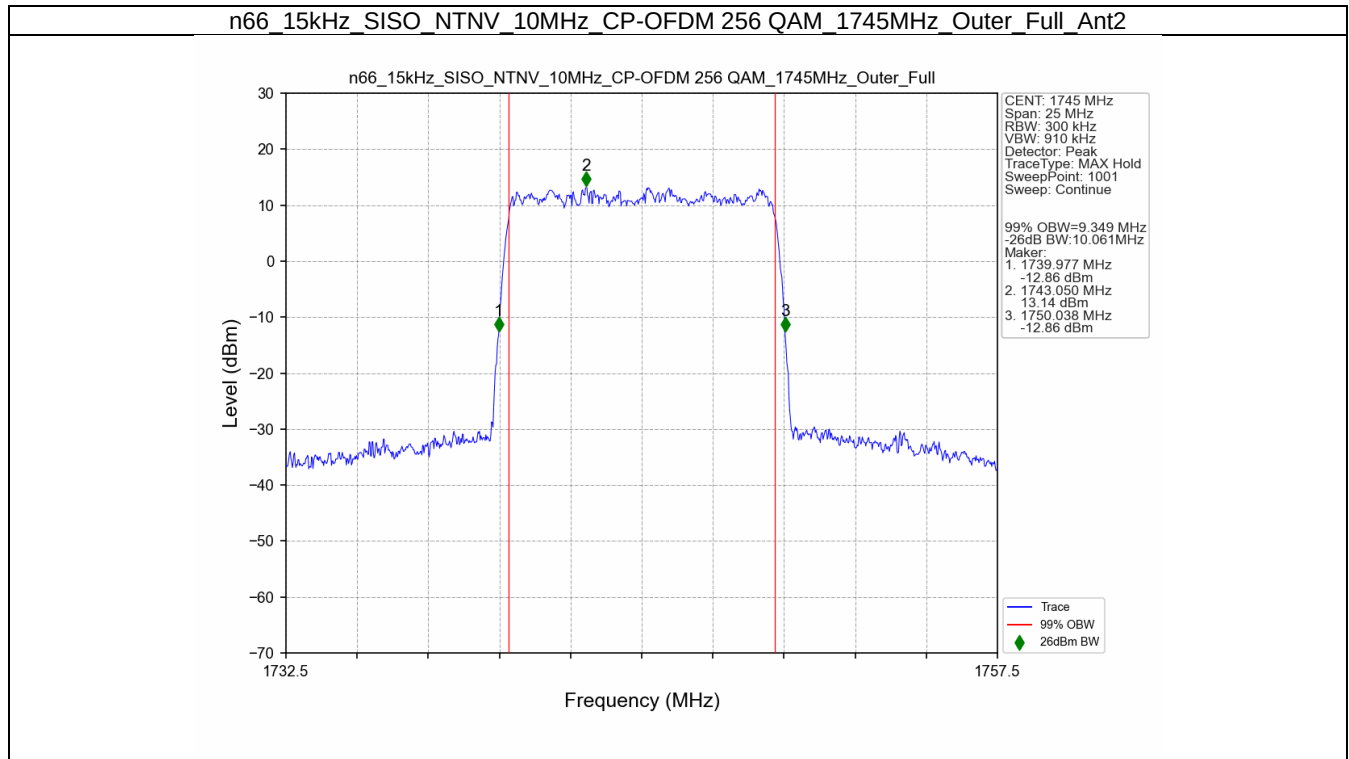


n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 1745MHz_Outer_Full_Ant2

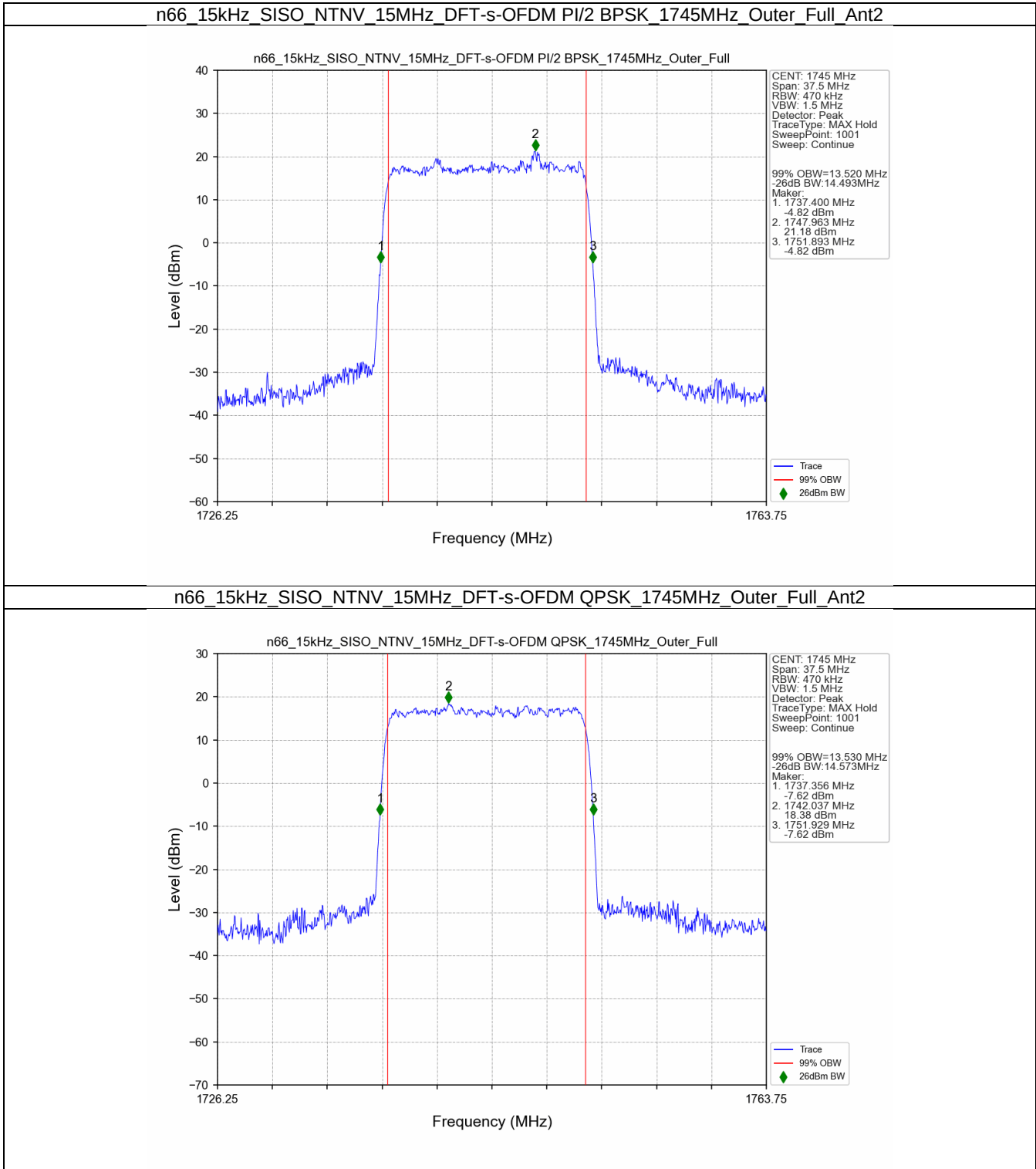


n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 1745MHz_Outer_Full_Ant2

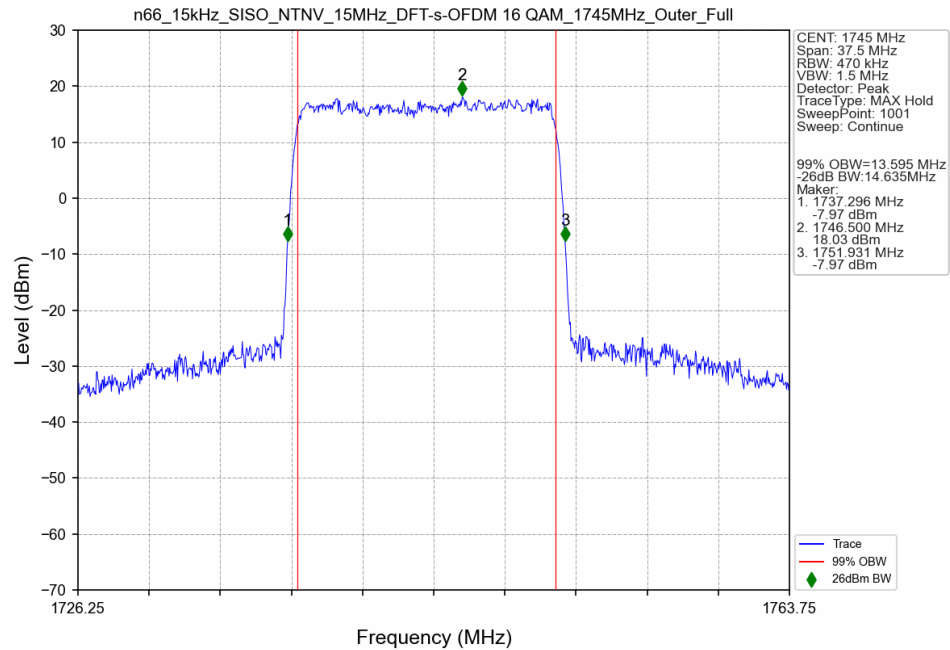




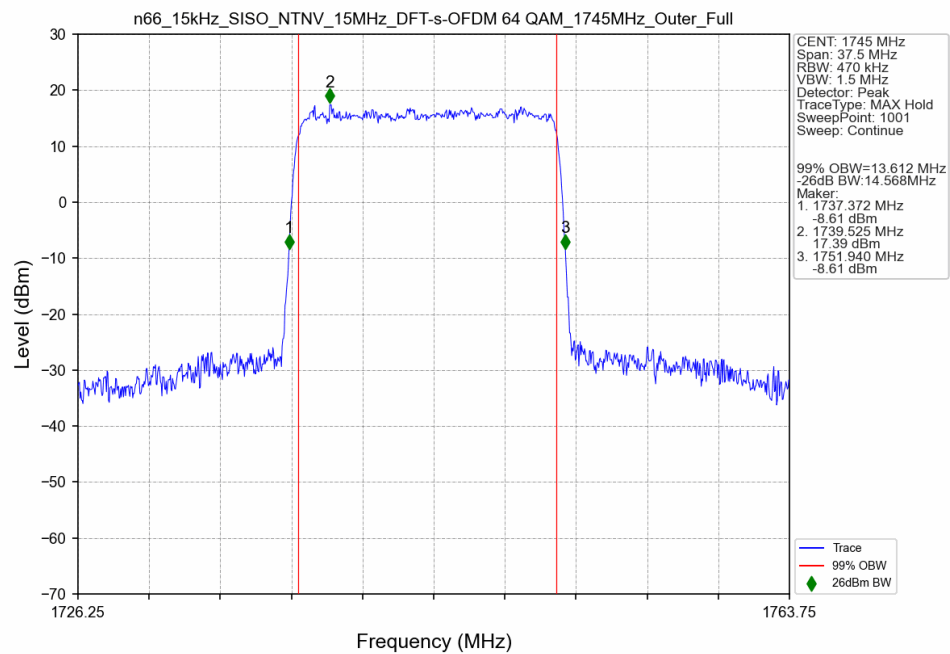
3.2.3 15_S_15M_NTNV

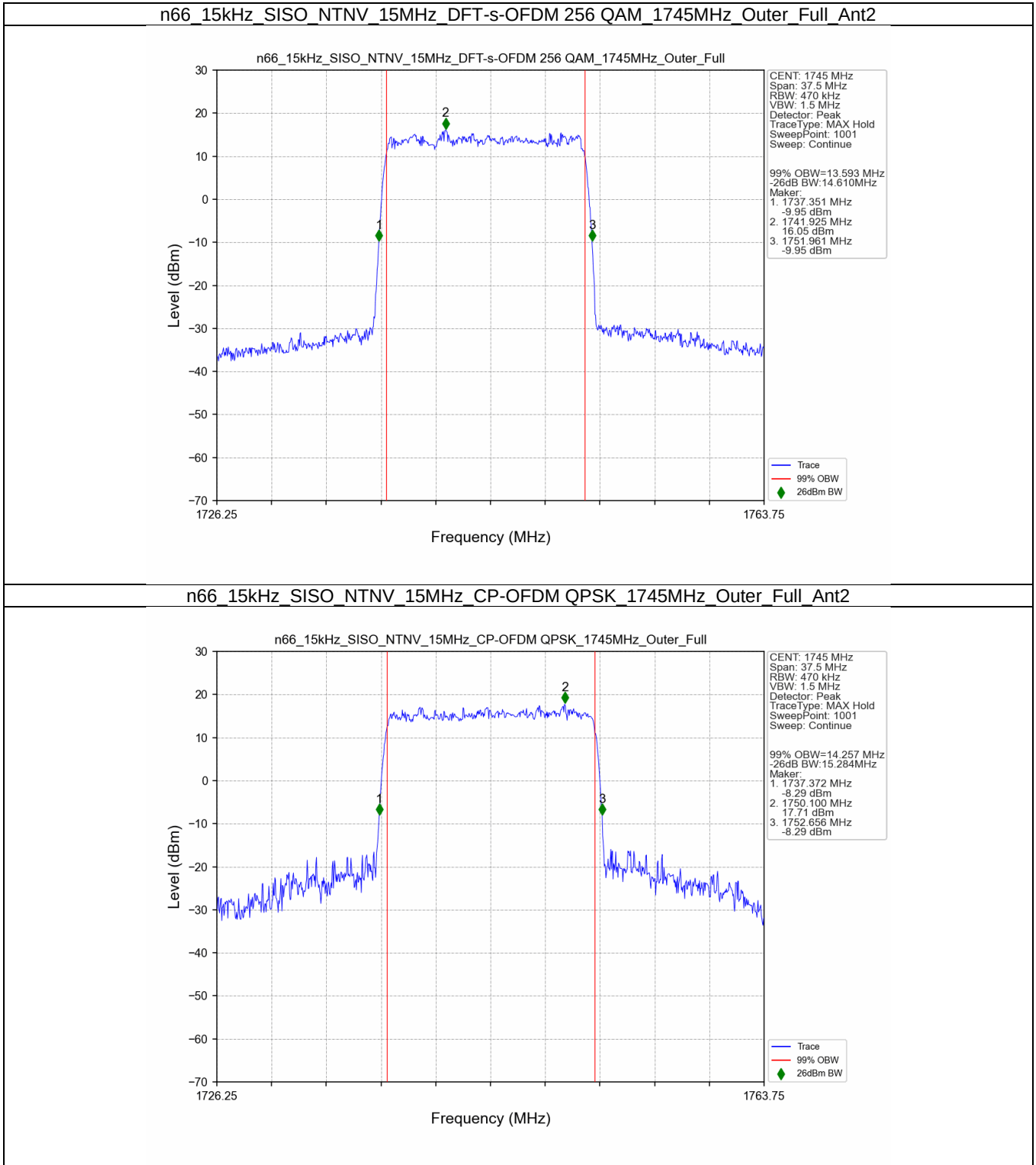


n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full_Ant2

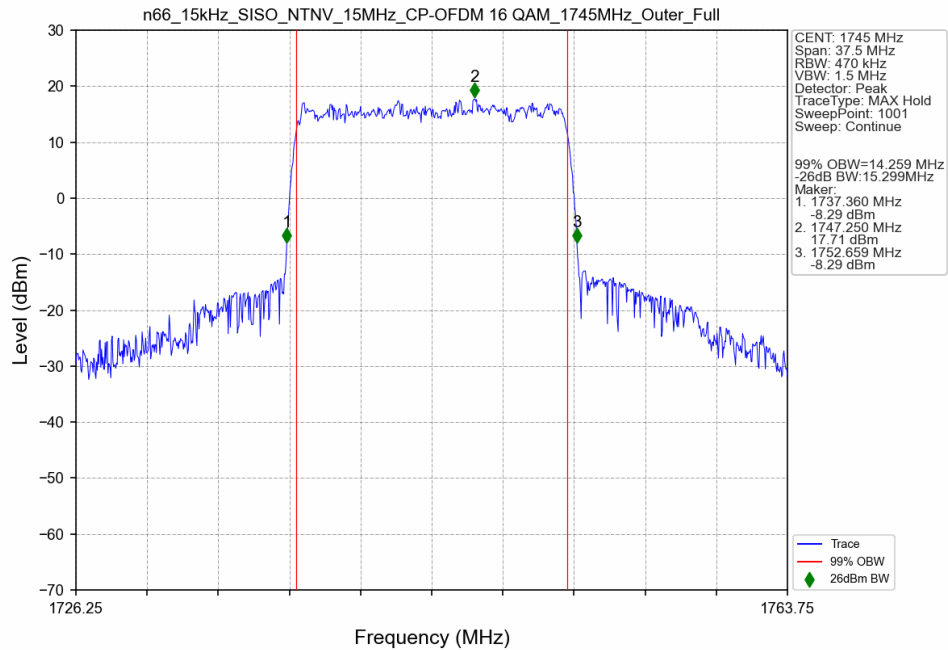


n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full_Ant2

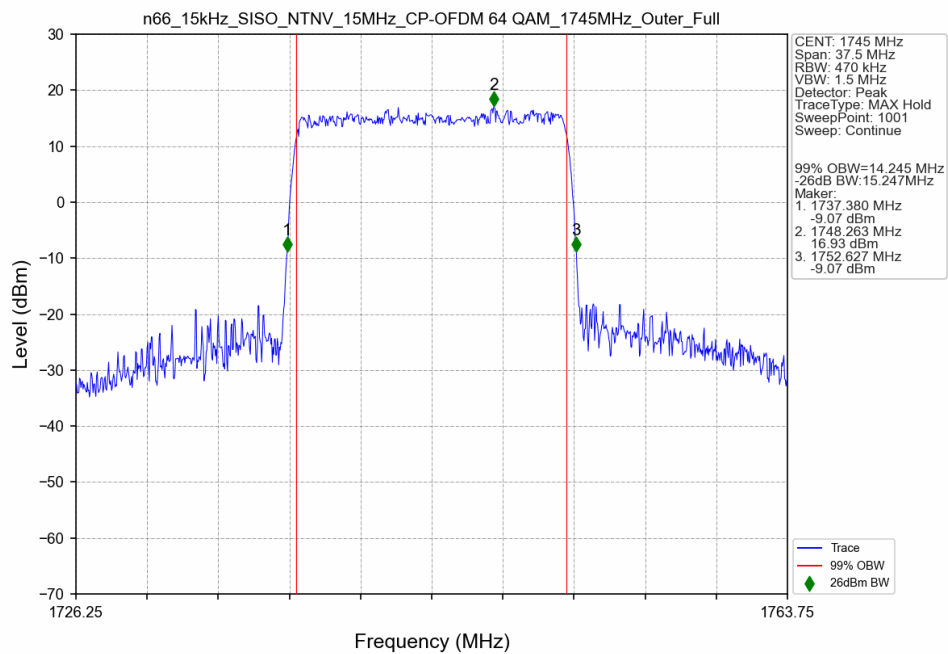




n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full_Ant2

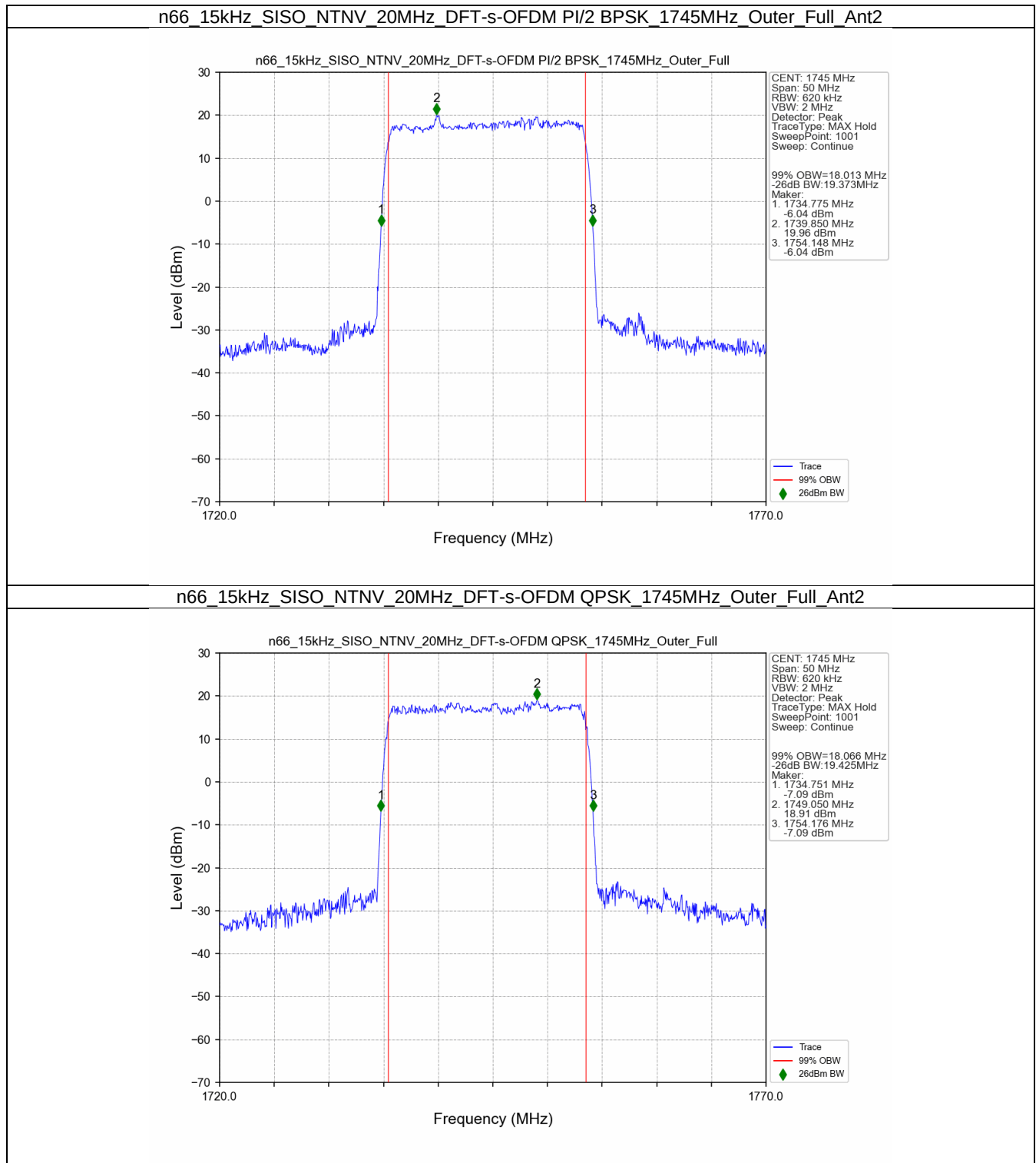


n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full_Ant2

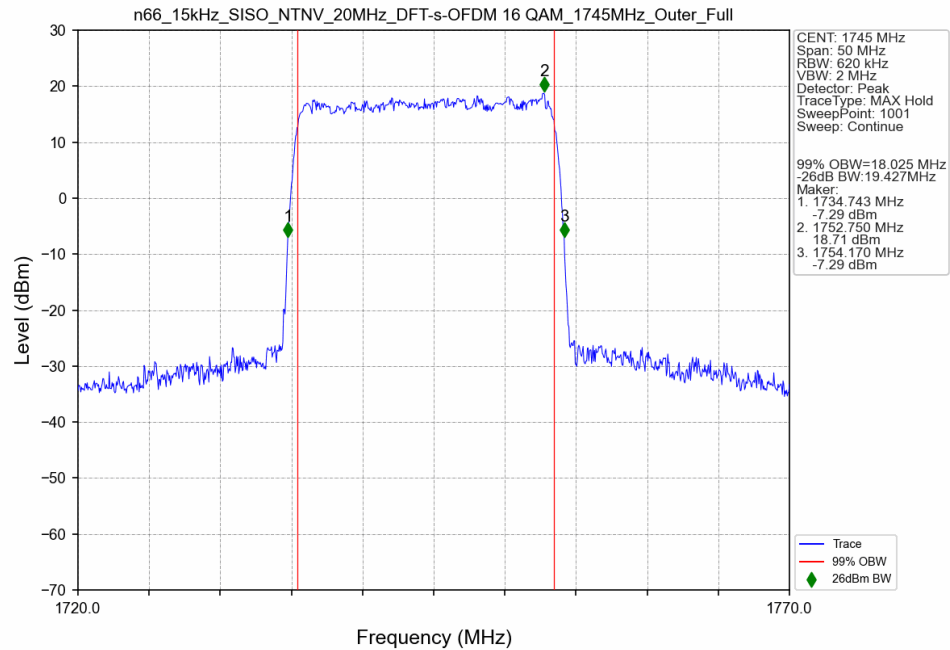




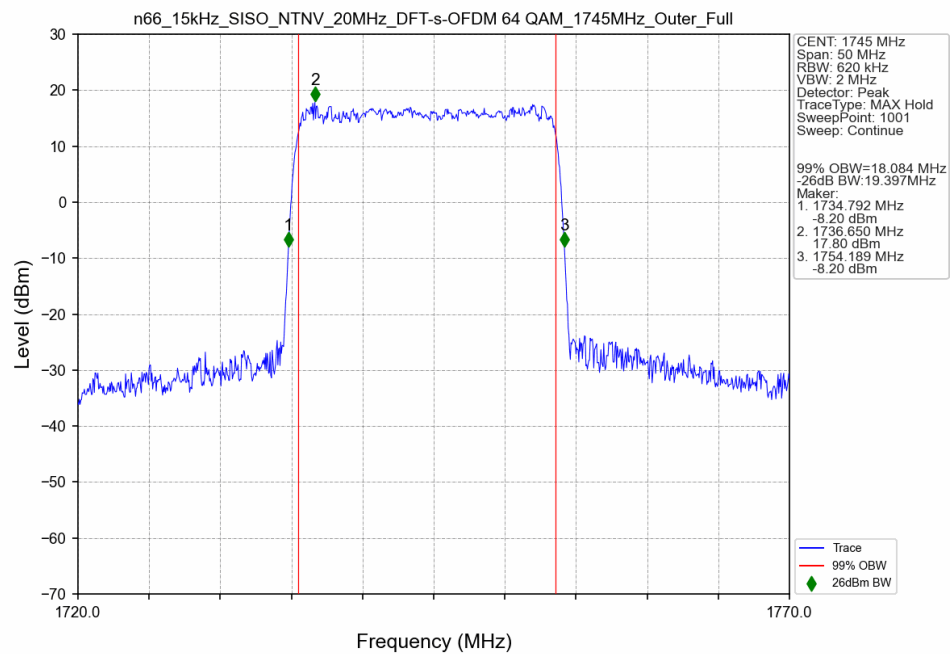
3.2.4 15_S_20M_NTNV



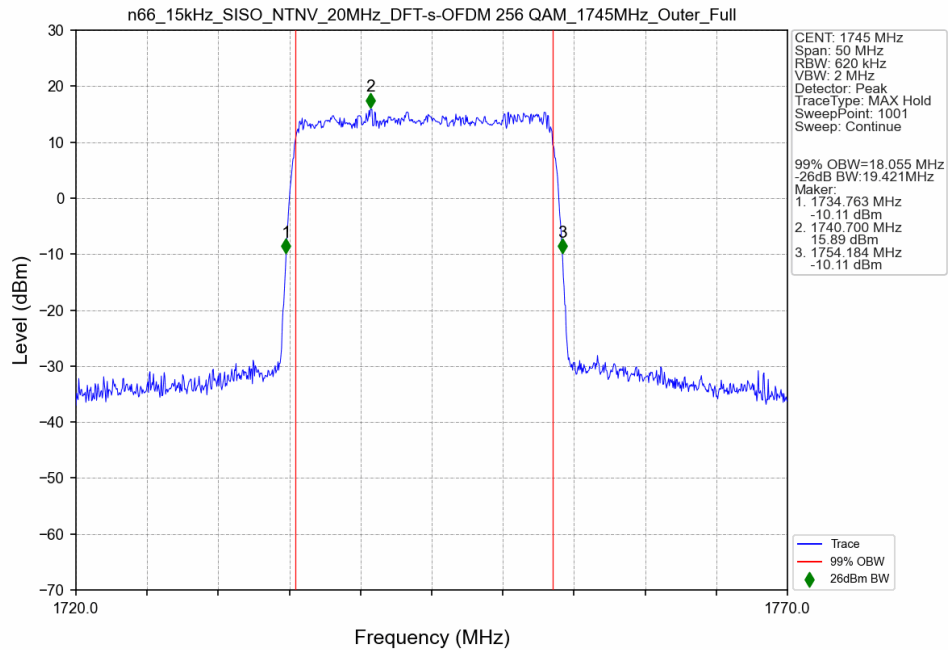
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full_Ant2



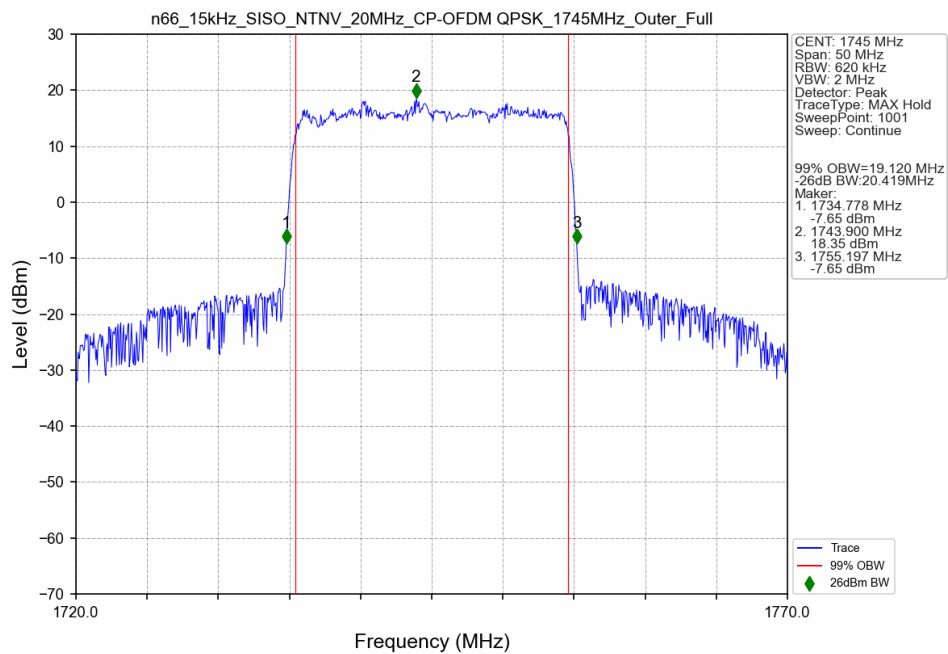
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full_Ant2



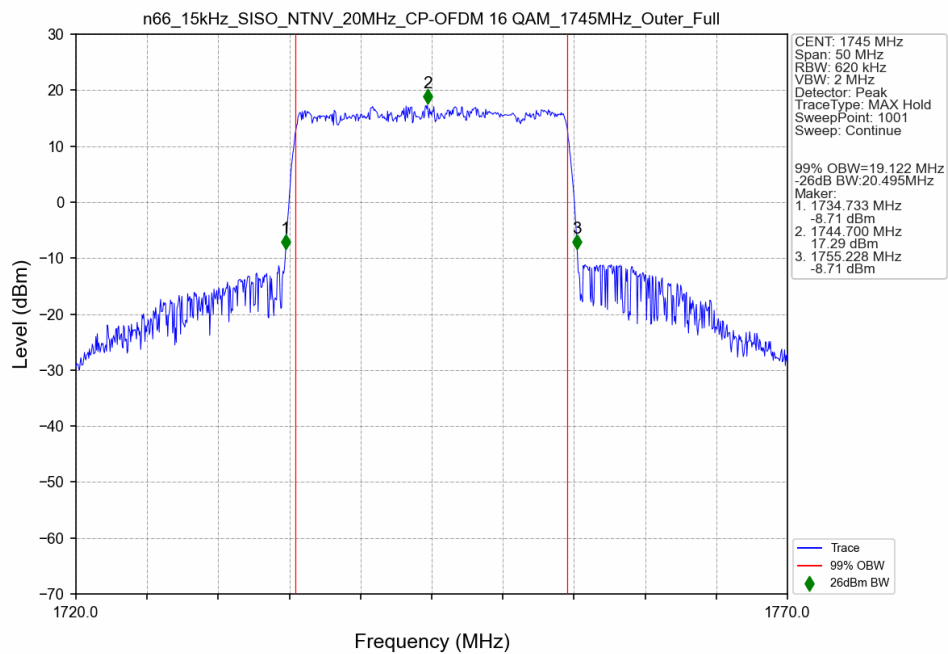
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 1745MHz_Outer_Full_Ant2



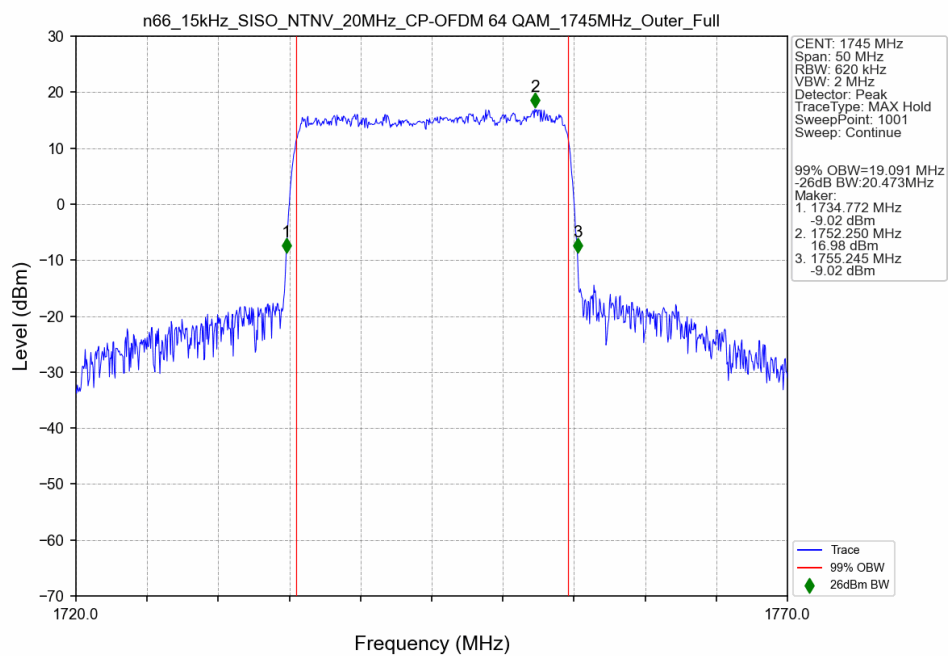
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK 1745MHz_Outer_Full_Ant2

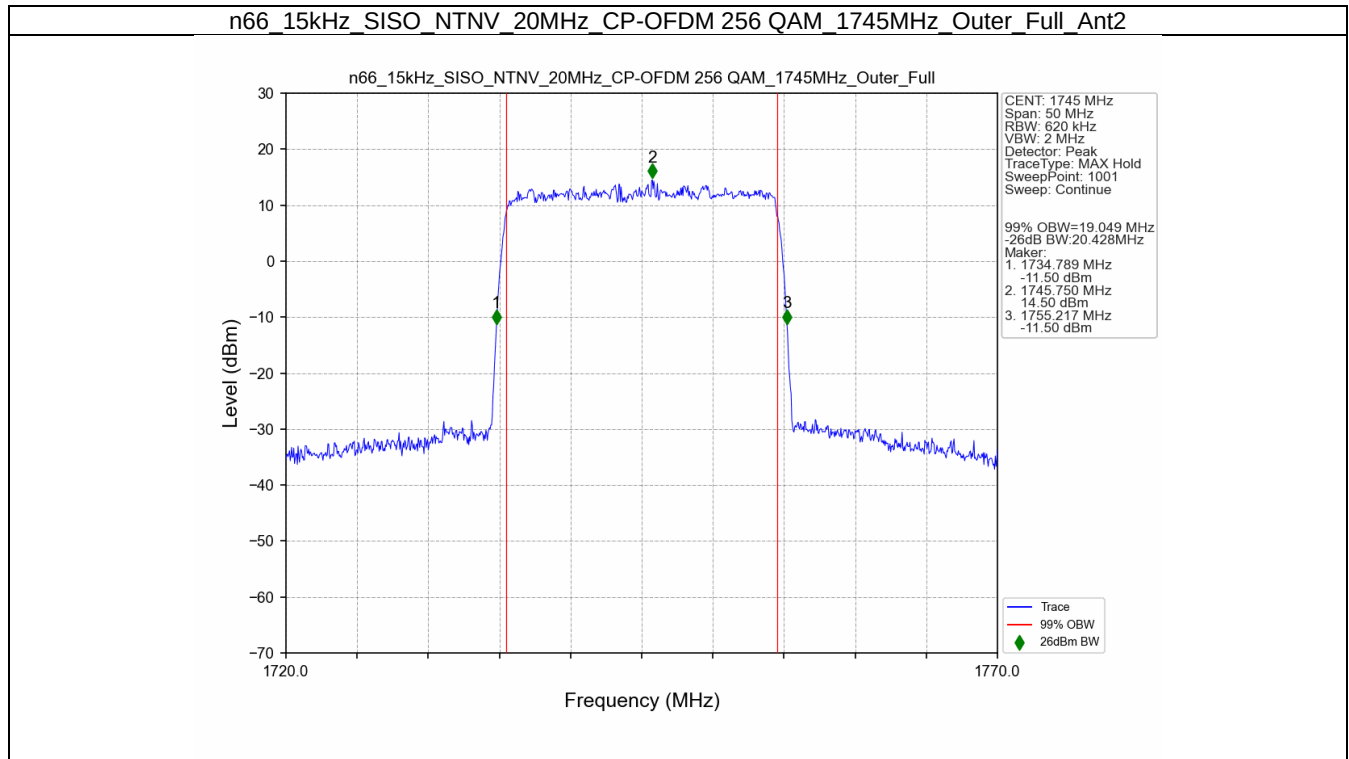


n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 1745MHz_Outer_Full_Ant2

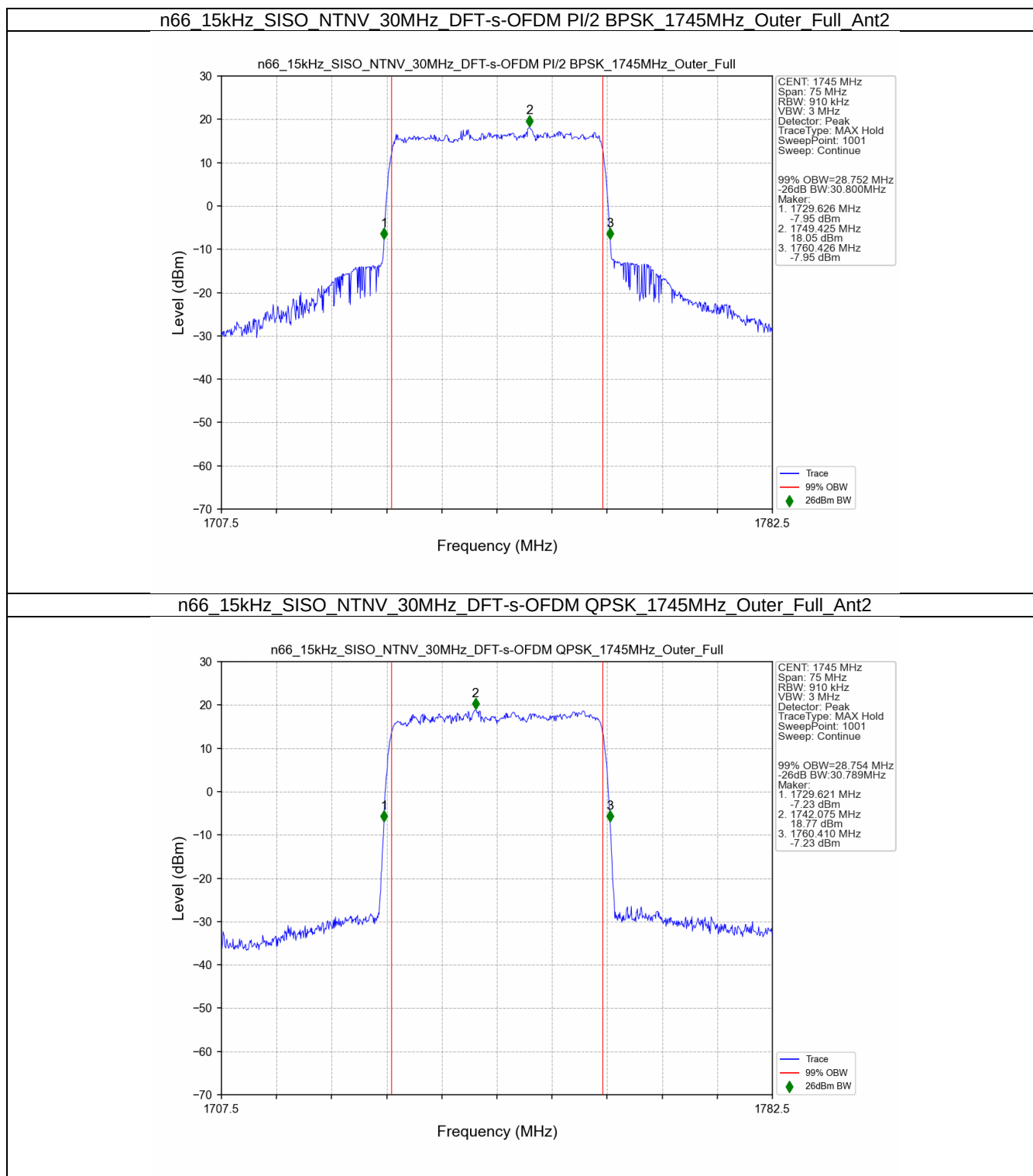


n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 1745MHz_Outer_Full_Ant2

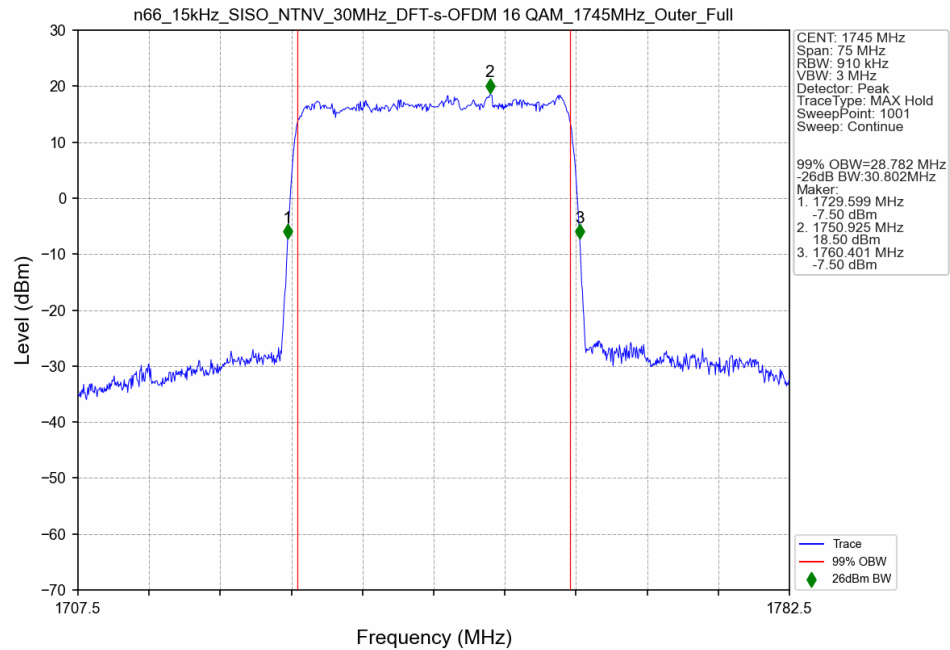




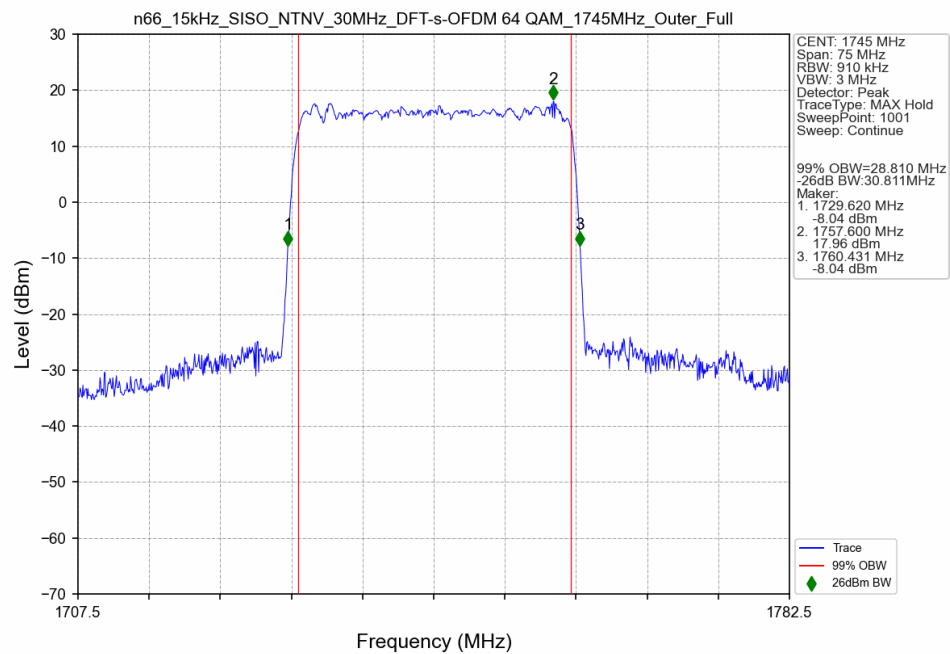
3.2.5 15_S_30M_NTNV



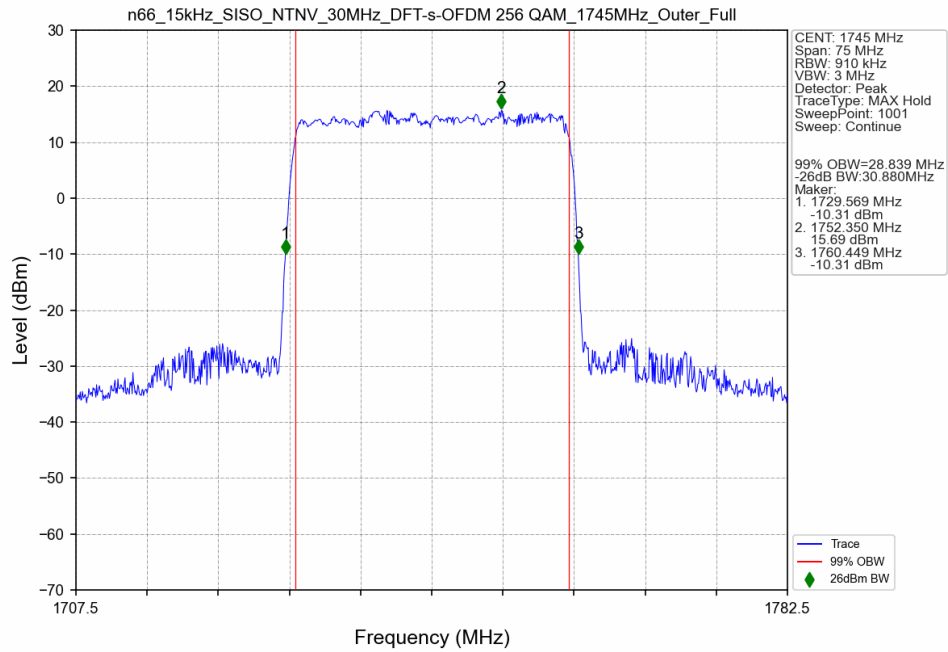
n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full_Ant2



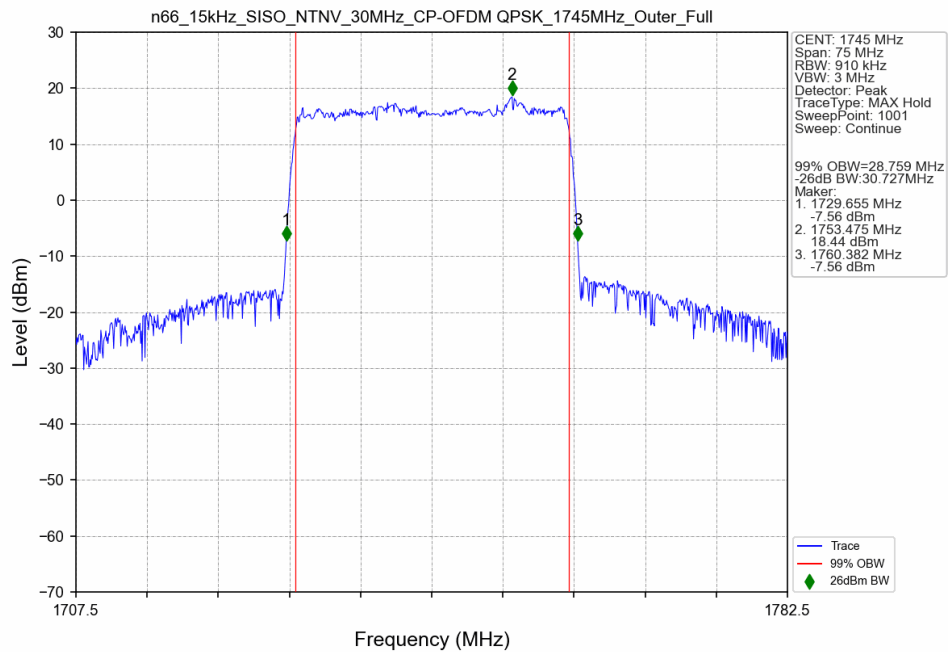
n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full_Ant2



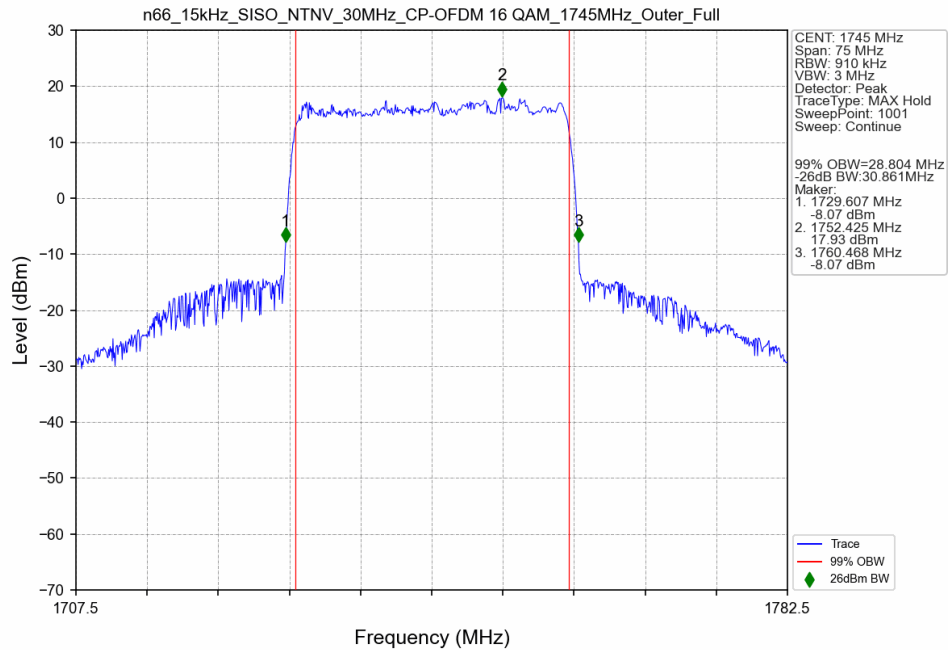
n66_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM 1745MHz_Outer_Full_Ant2



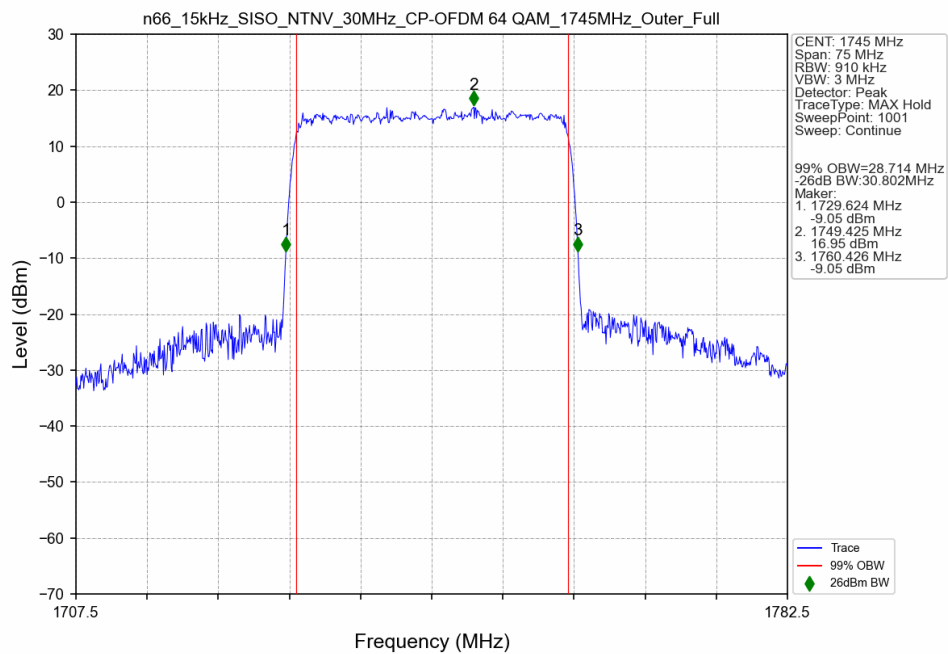
n66_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK 1745MHz_Outer_Full_Ant2

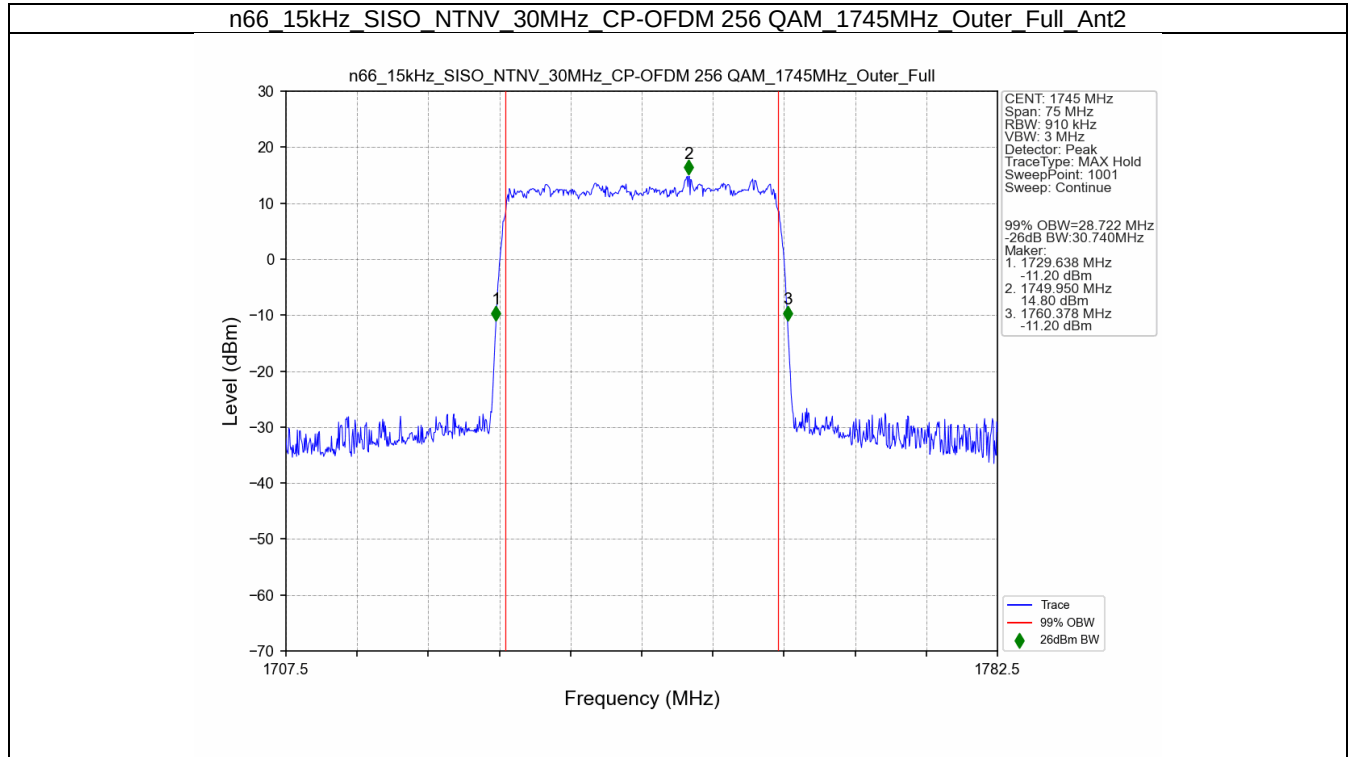


n66_15kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full_Ant2

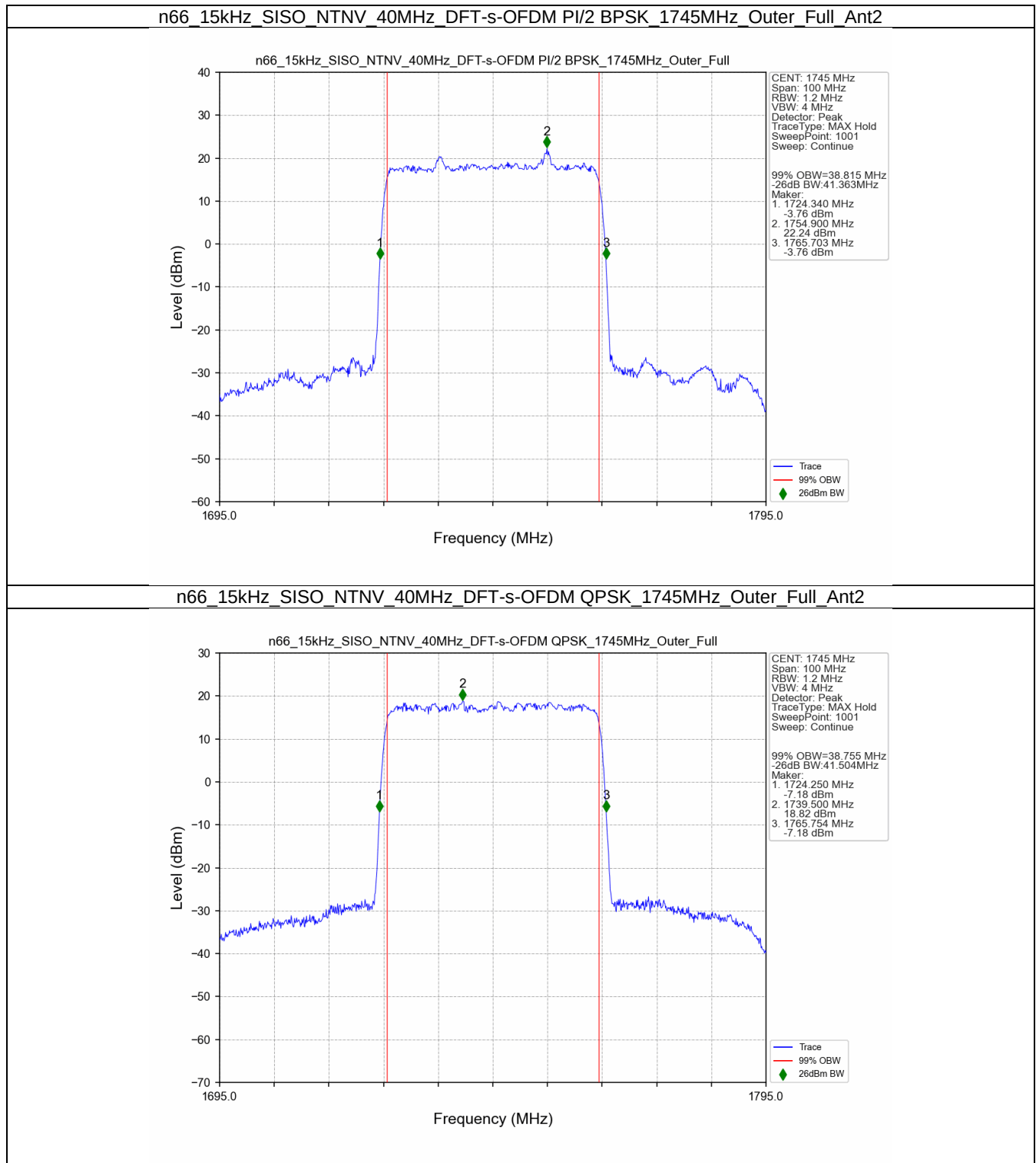


n66_15kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full_Ant2

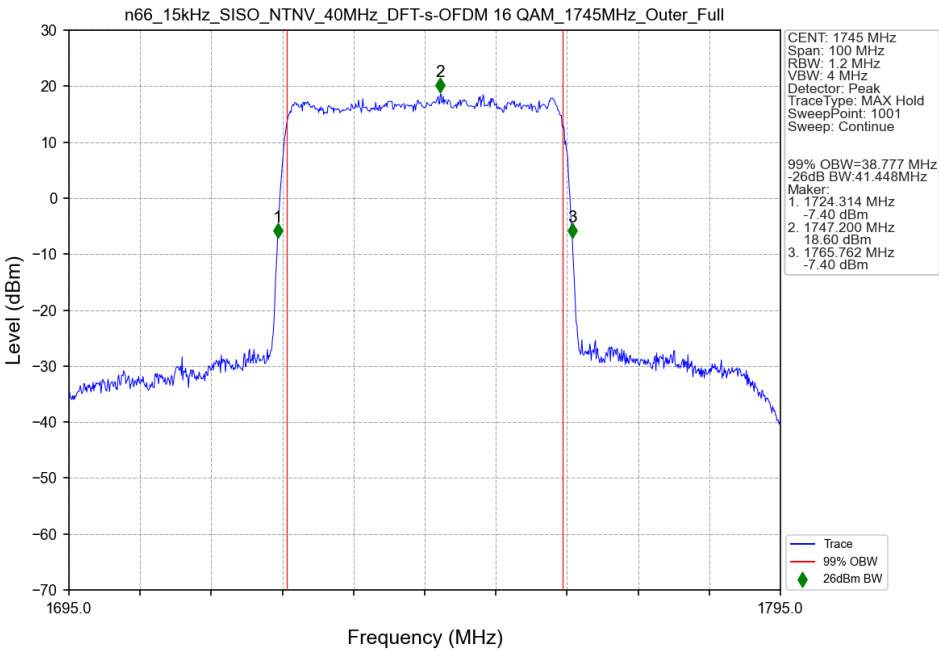




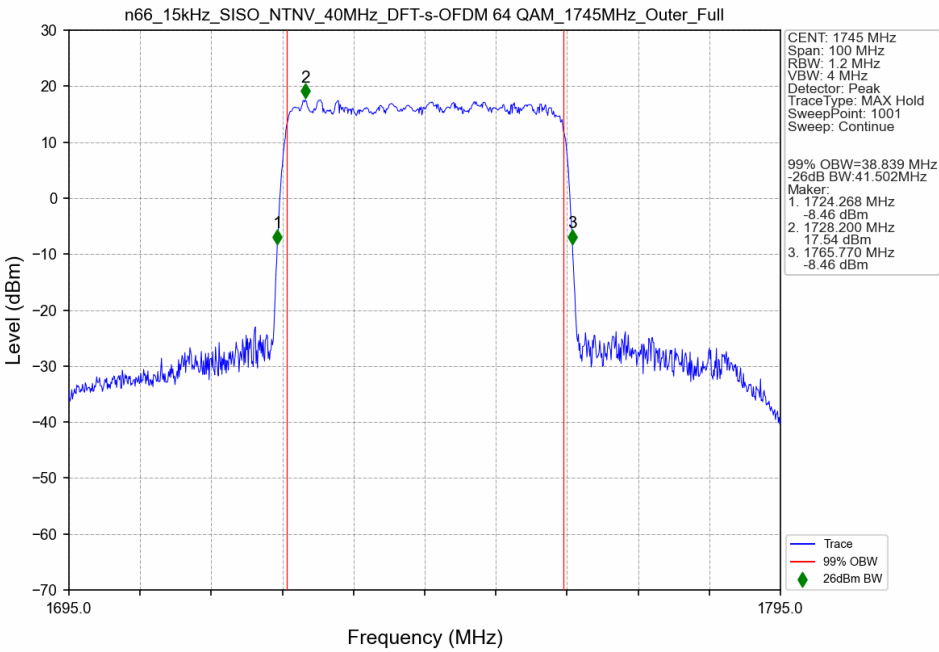
3.2.6 15_S_40M_NTNV



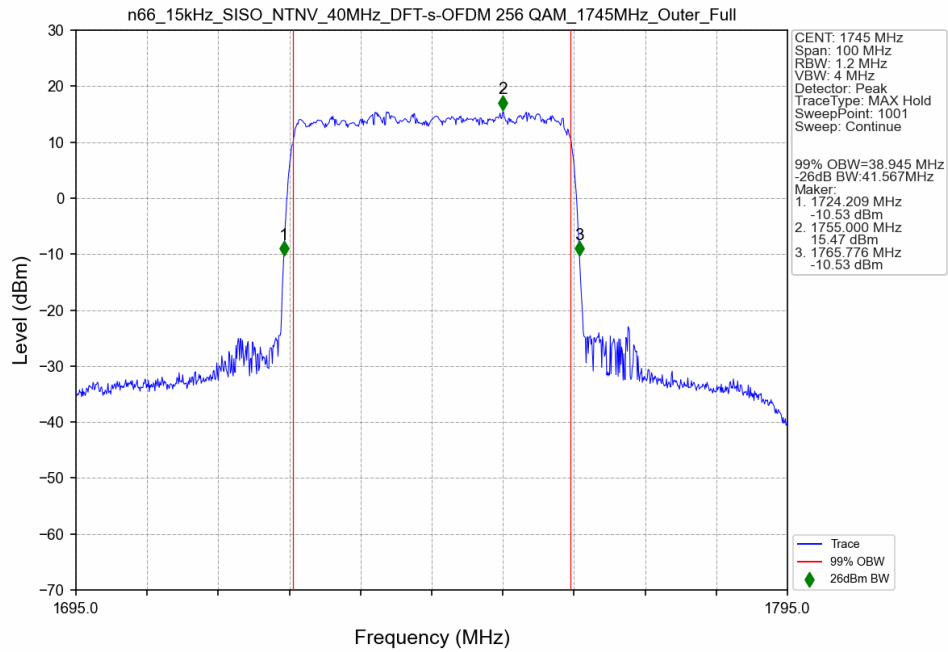
n66_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full_Ant2



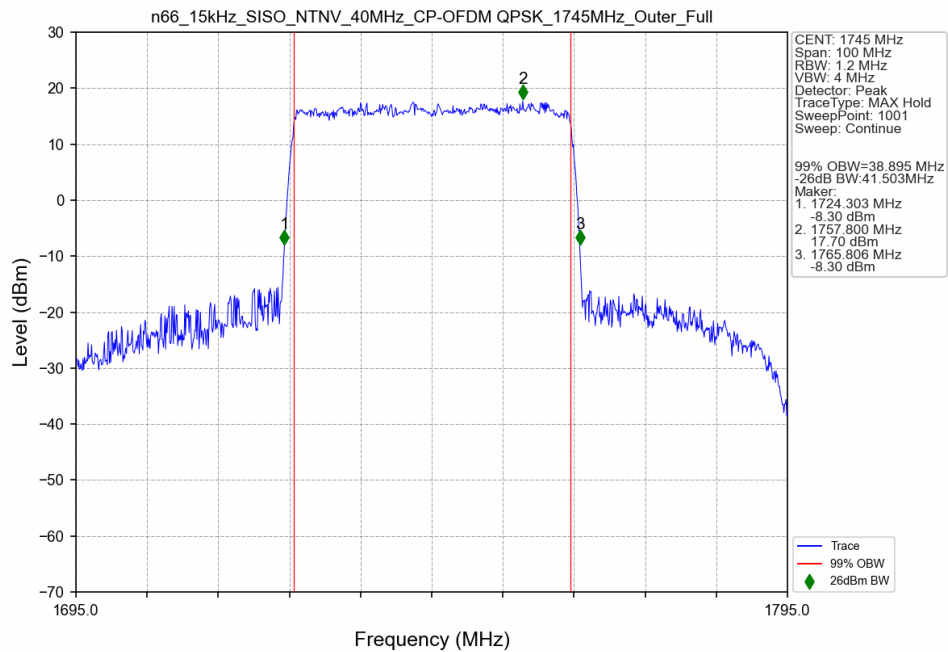
n66_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full_Ant2



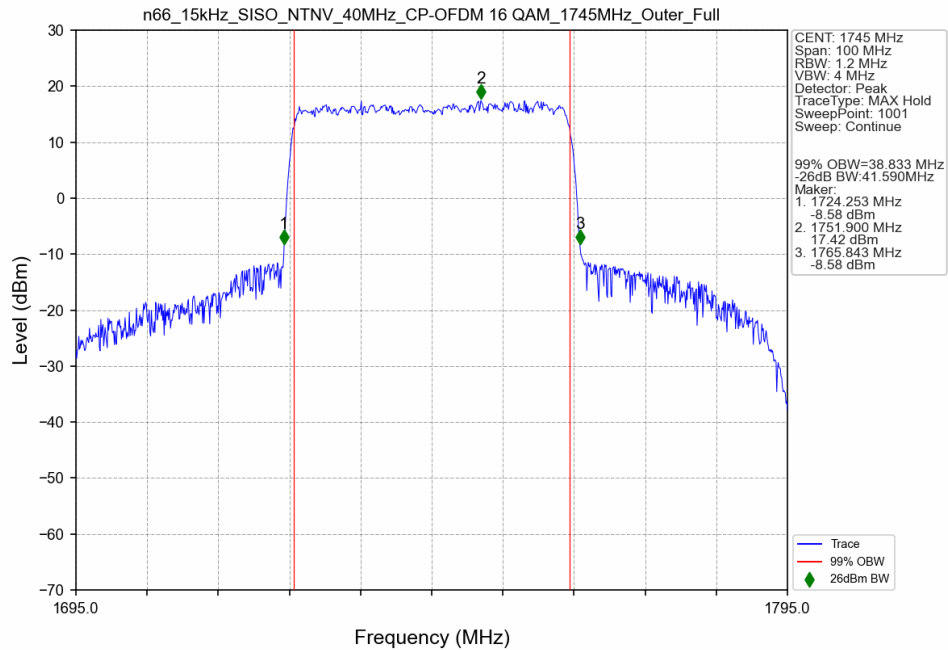
n66_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM 1745MHz_Outer_Full_Ant2



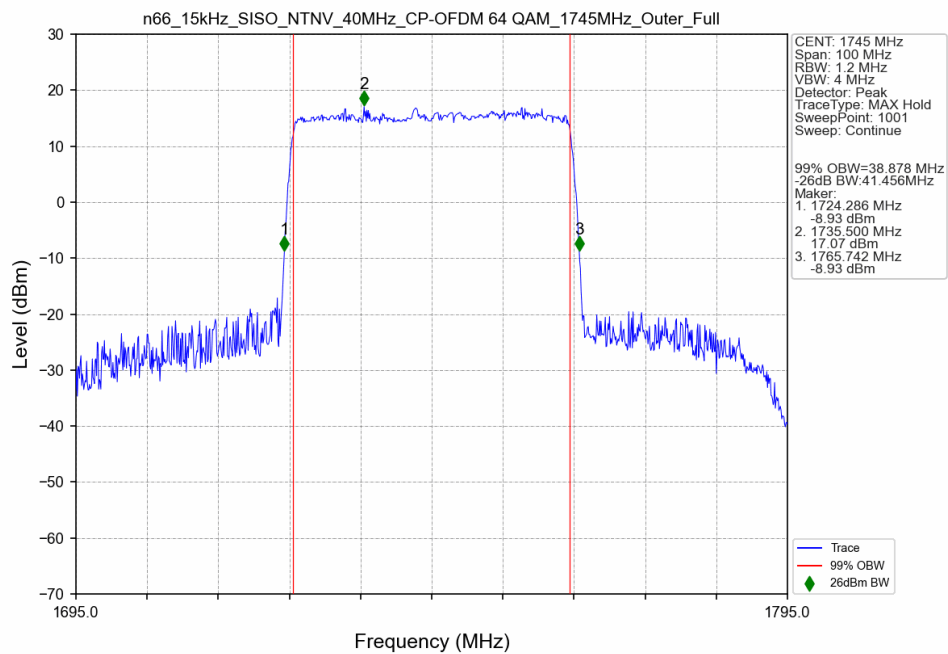
n66_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK 1745MHz_Outer_Full_Ant2



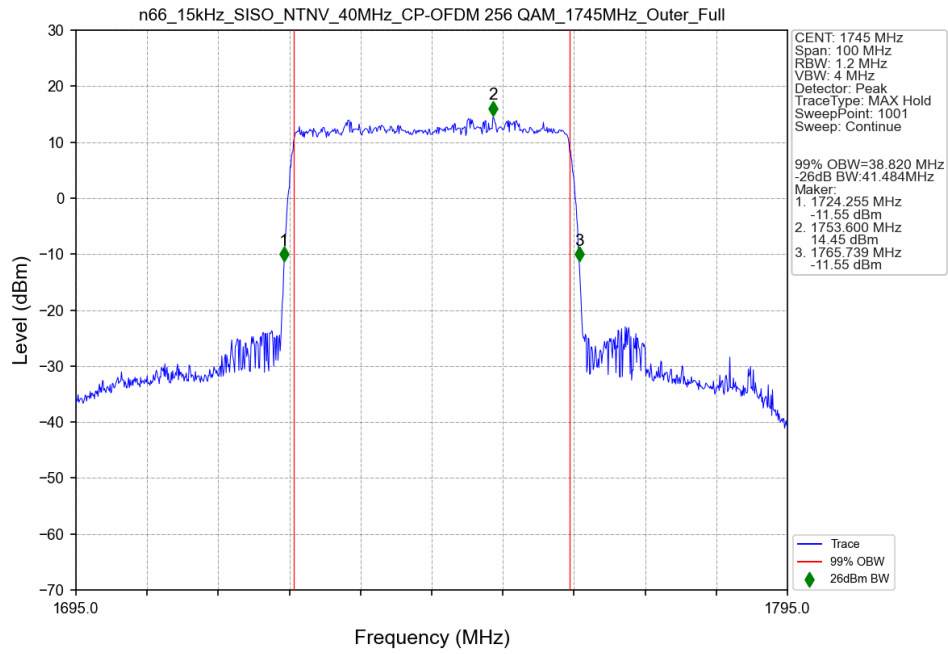
n66_15kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full_Ant2



n66_15kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full_Ant2



n66_15kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM 1745MHz_Outer_Full_Ant2



4. Peak-Average Ratio

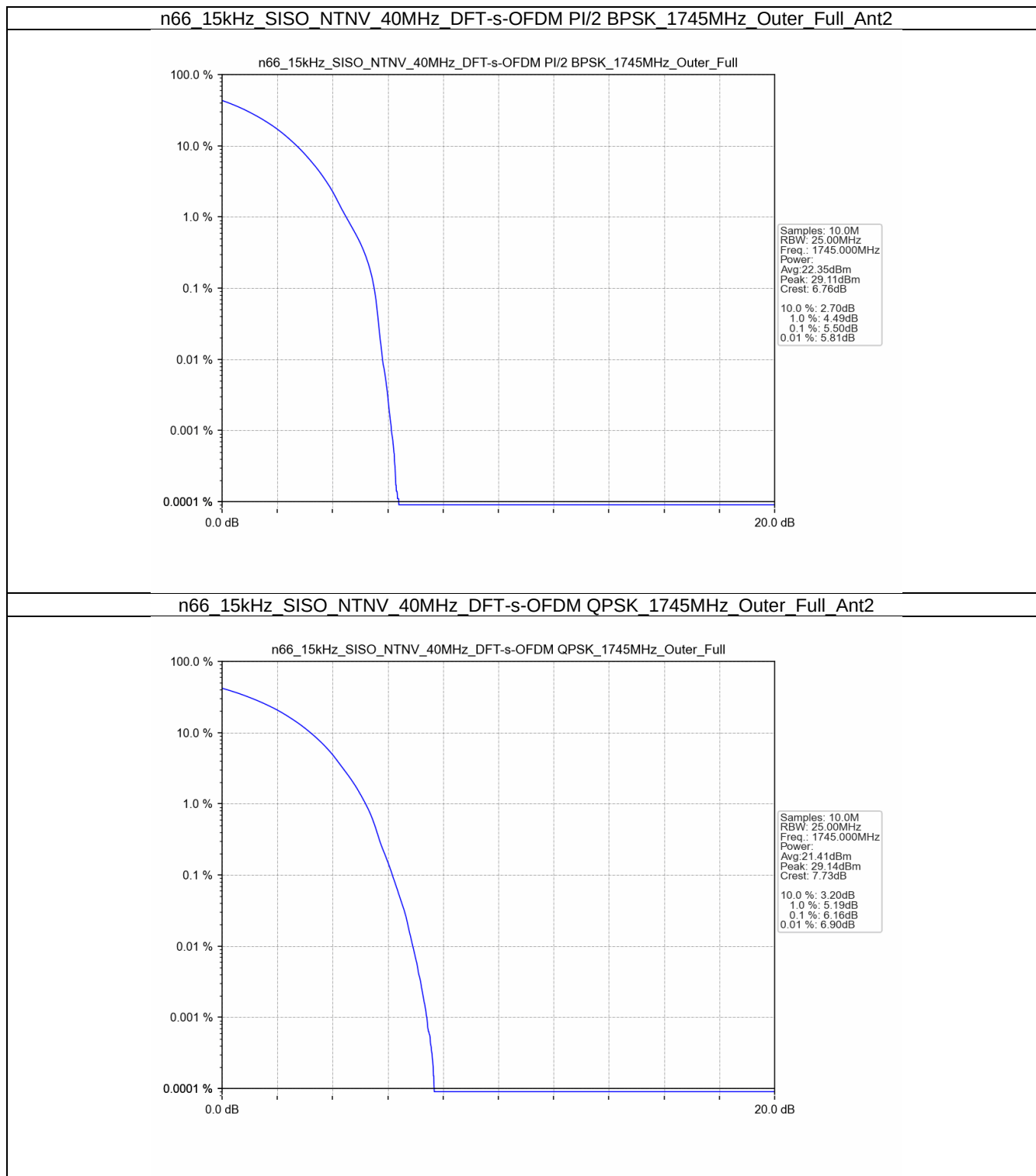
4.1 Test Result

4.1.1 15_S_40M_NTNV

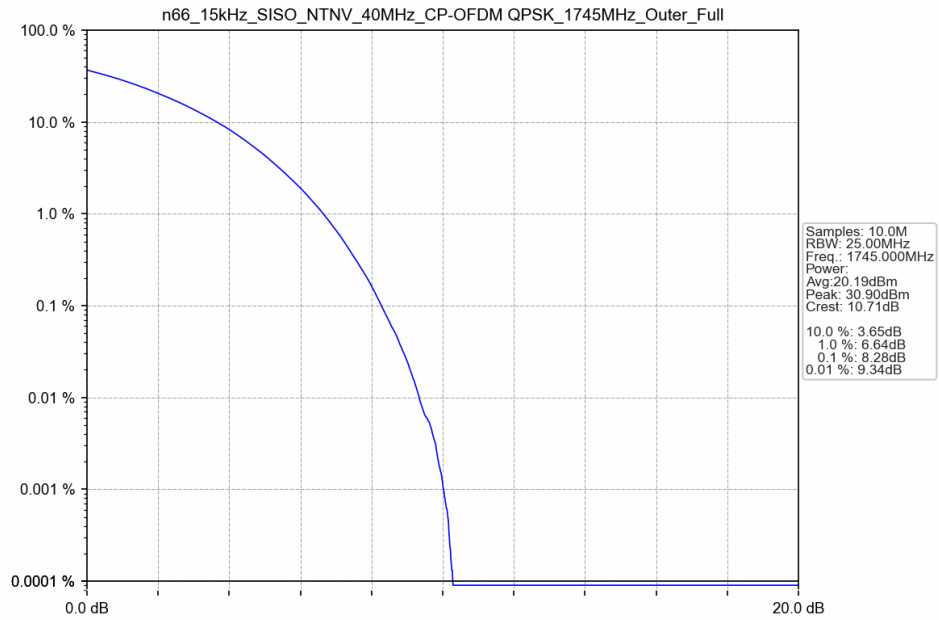
5G NR n66 SCS=15kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	5.50	/	/	<=13	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	6.16	/	/	<=13	Pass
CP-OFDM QPSK	1745	Outer_Full	8.28	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_40M_NTNV



n66_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_1745MHz_Outer_Full_Ant2



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n66 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1777.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1777.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	1712.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1777.5	Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_20M_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		1770	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	1720	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
1745		Edge_1RB_Left	Refer To Test Graph				Pass
		1770	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		1720	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		1770	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass

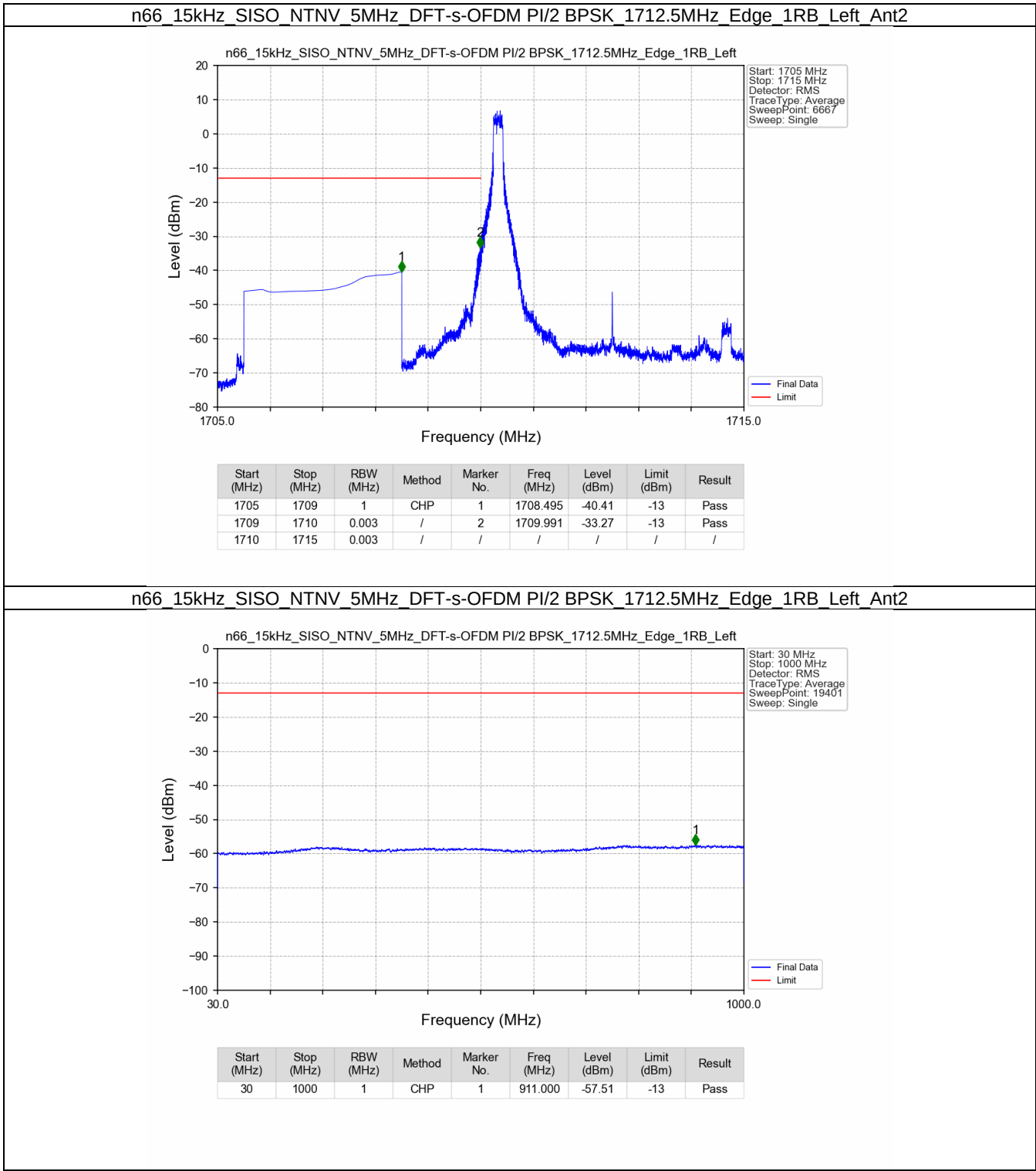
5.1.3 15_S_40M_NTNV

5G NR n66 SCS=15kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1730	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	1760	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK		1730	Edge_1RB_Left	Refer To Test Graph			

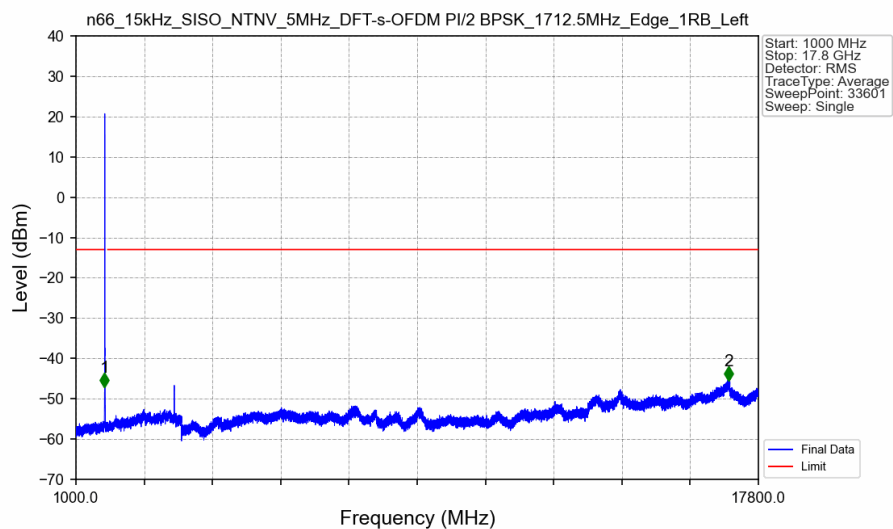
		Outer_Full	Refer To Test Graph	Pass
	1745	Edge_1RB_Left	Refer To Test Graph	Pass
	1760	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	1730	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	1745	Edge_1RB_Left	Refer To Test Graph	Pass
	1760	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 15_S_5M_NTNV

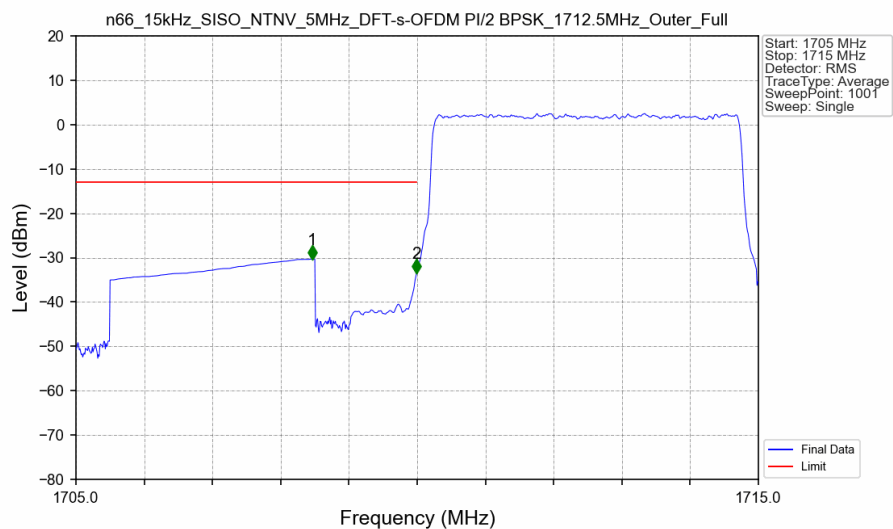


n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1712.5MHz_Edge_1RB_Left_Ant2

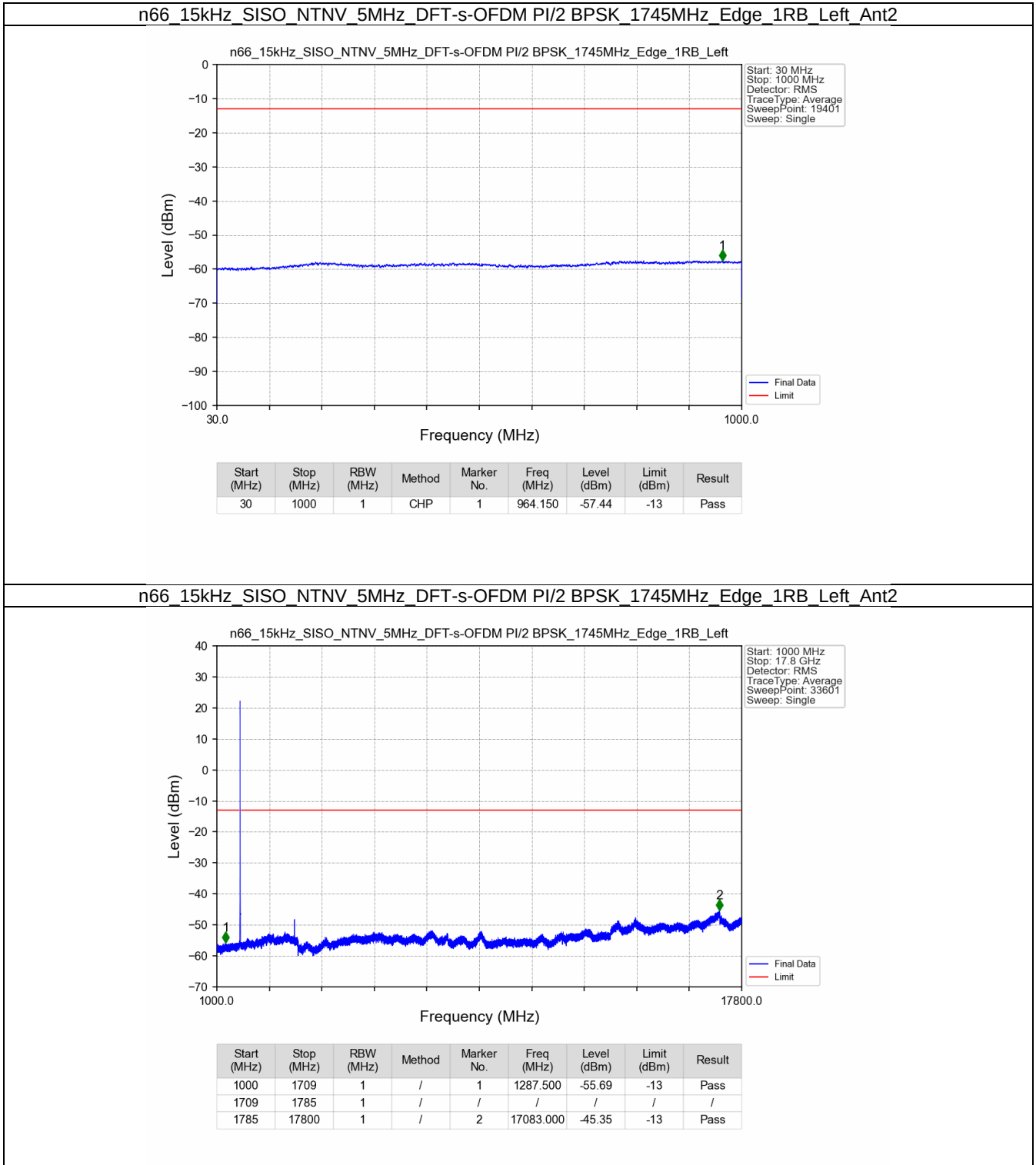


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1704.500	-47.19	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	17064.000	-45.43	-13	Pass

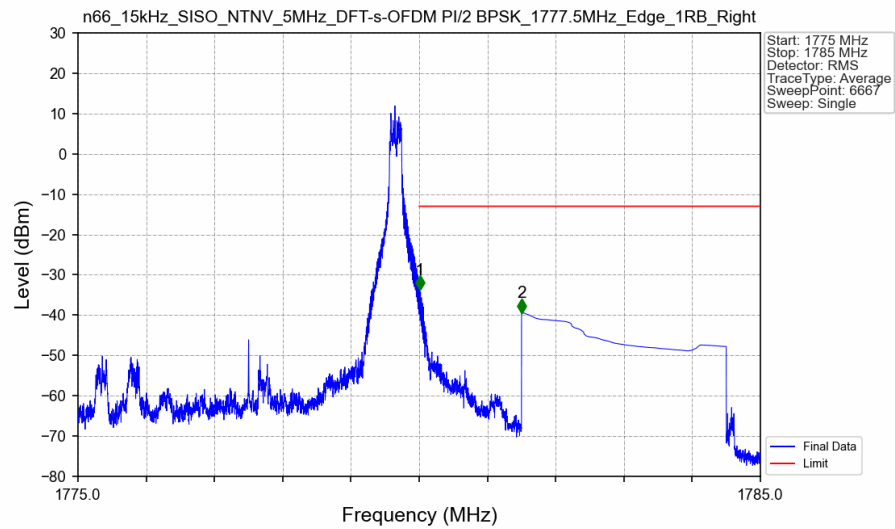
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1712.5MHz_Outer_Full_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.460	-30.32	-13	Pass
1709	1710	0.04986	CHP	2	1709.990	-33.45	-13	Pass
1710	1715	0.04986	CHP	/	/	/	/	/

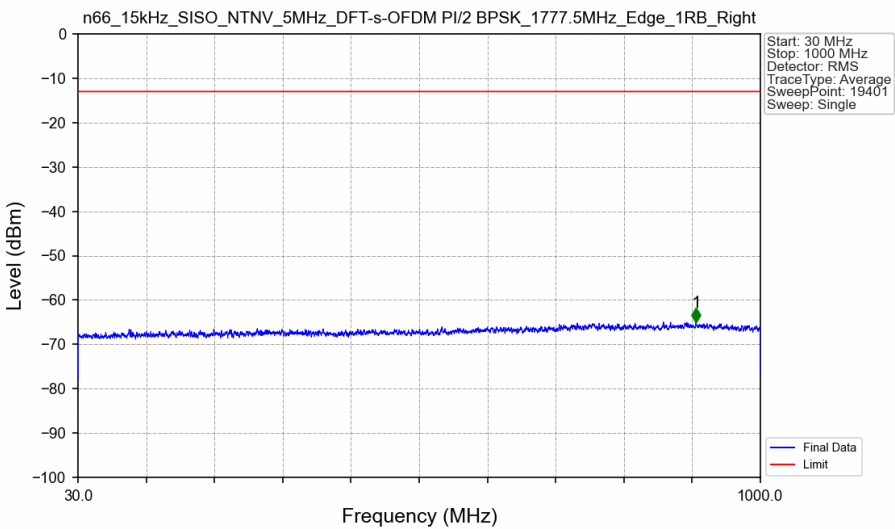


n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1777.5MHz_Edge_1RB_Right_Ant2



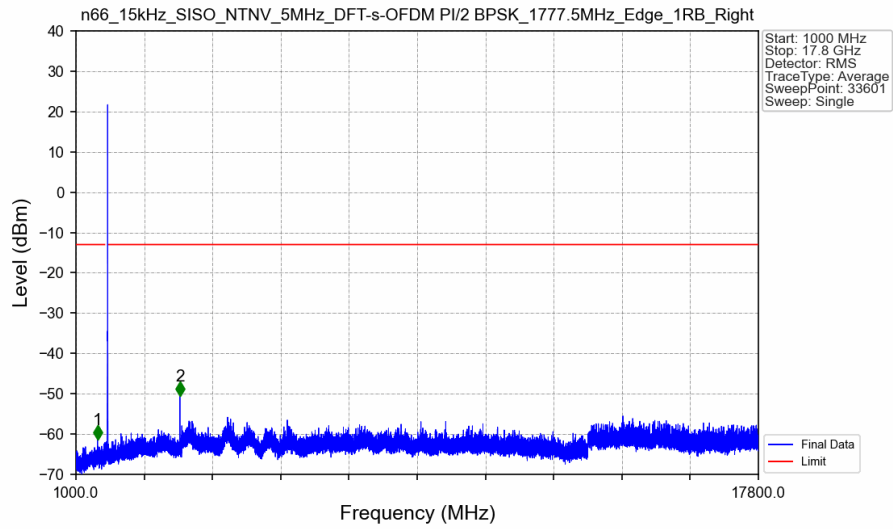
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-33.58	-13	Pass
1781	1785	1	CHP	2	1781.500	-39.37	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1777.5MHz_Edge_1RB_Right_Ant2



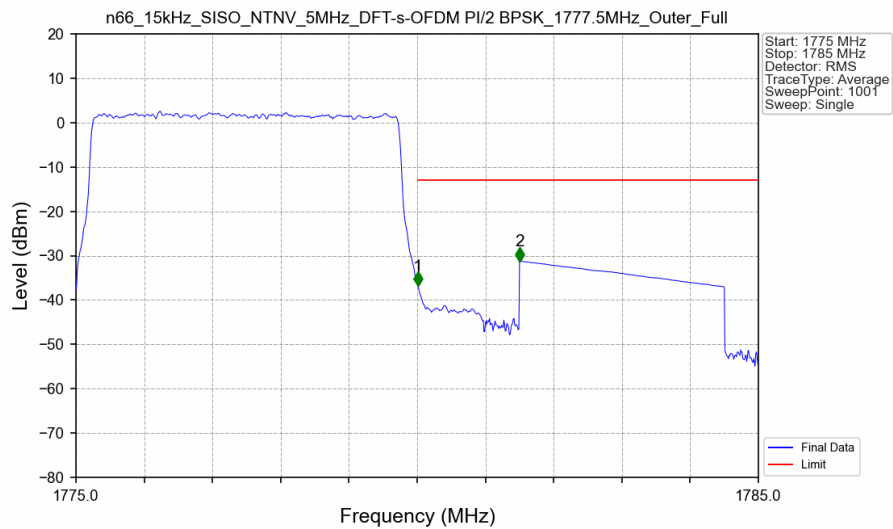
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	908.400	-64.97	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1777.5MHz_Edge_1RB_Right_Ant2



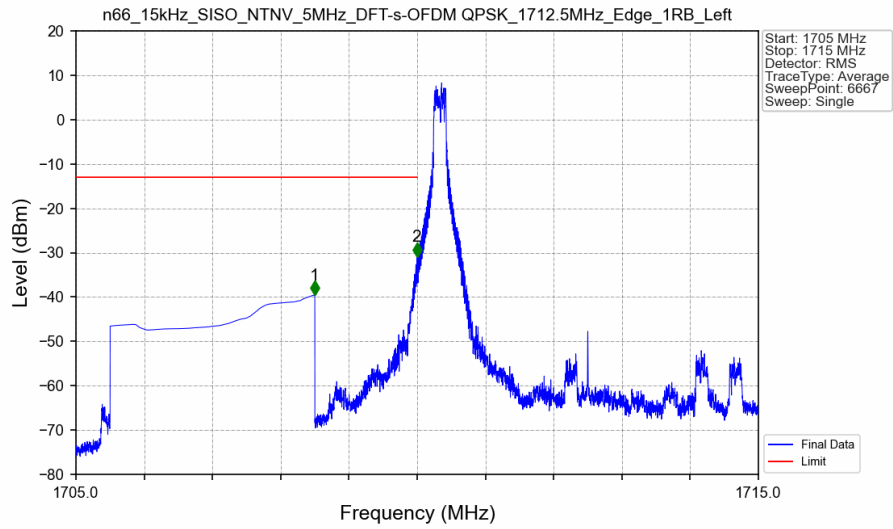
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1531.000	-61.28	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	3559.000	-50.45	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1777.5MHz_Outer_Full_Ant2



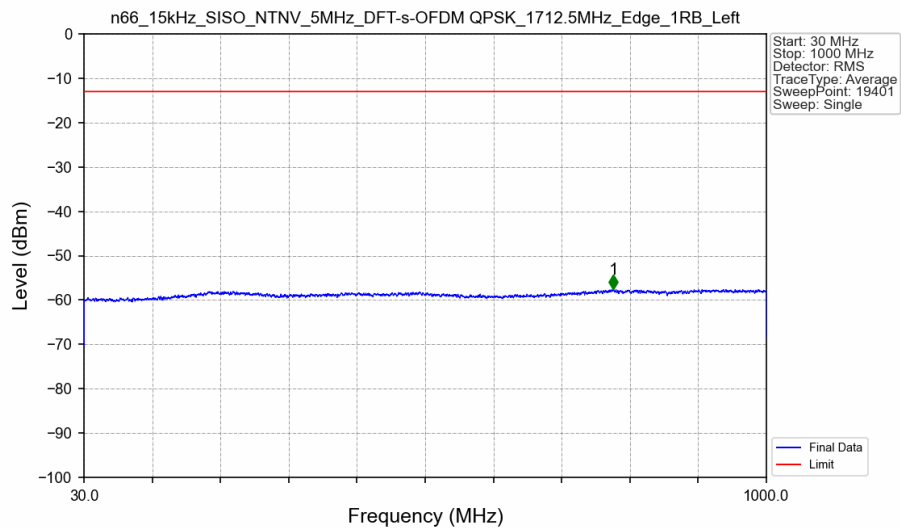
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.04986	CHP	/	/	/	/	/
1780	1781	0.04986	CHP	1	1780.010	-36.78	-13	Pass
1781	1785	1	CHP	2	1781.500	-31.22	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Edge_1RB_Left_Ant2



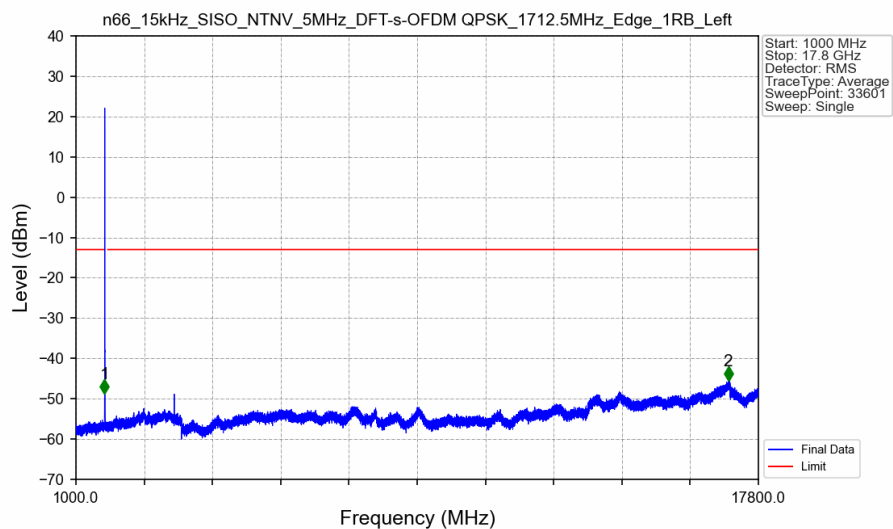
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-39.57	-13	Pass
1709	1710	0.003	/	2	1709.995	-30.85	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Edge_1RB_Left_Ant2



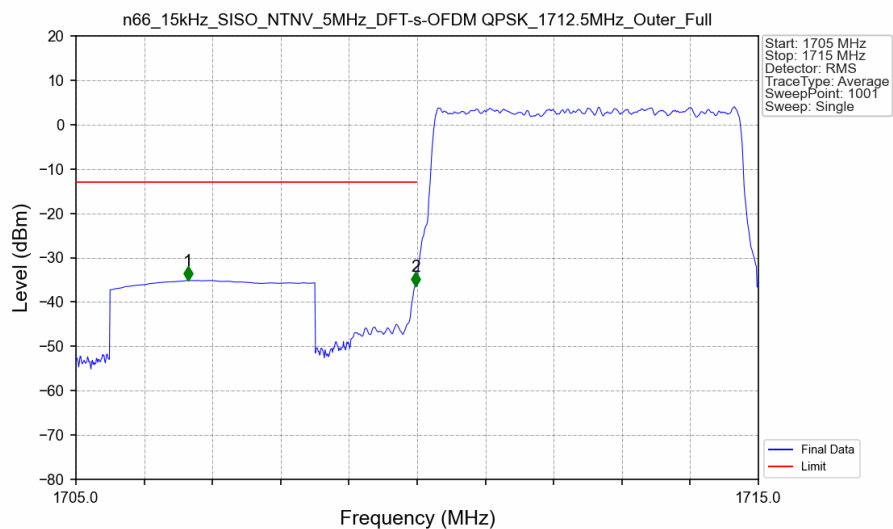
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	782.650	-57.52	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Edge_1RB_Left_Ant2



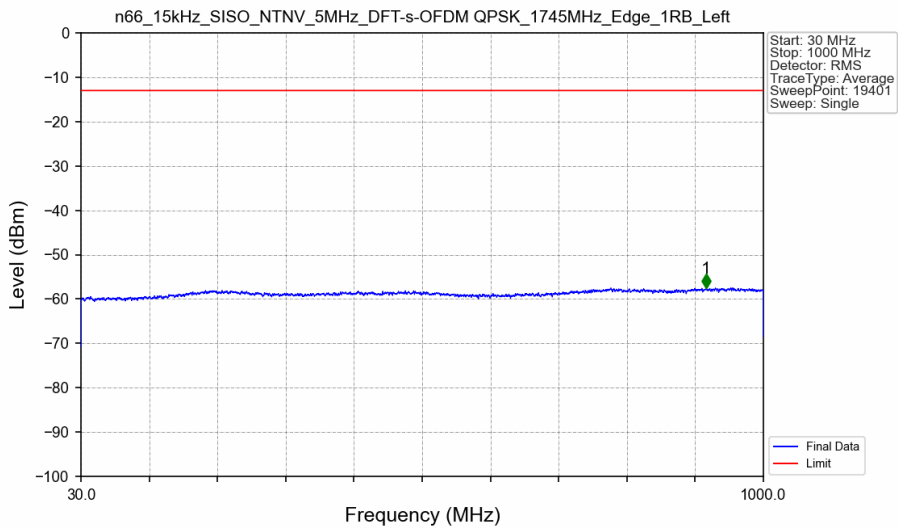
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1704.500	-48.75	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	17056.000	-45.47	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Outer_Full_Ant2



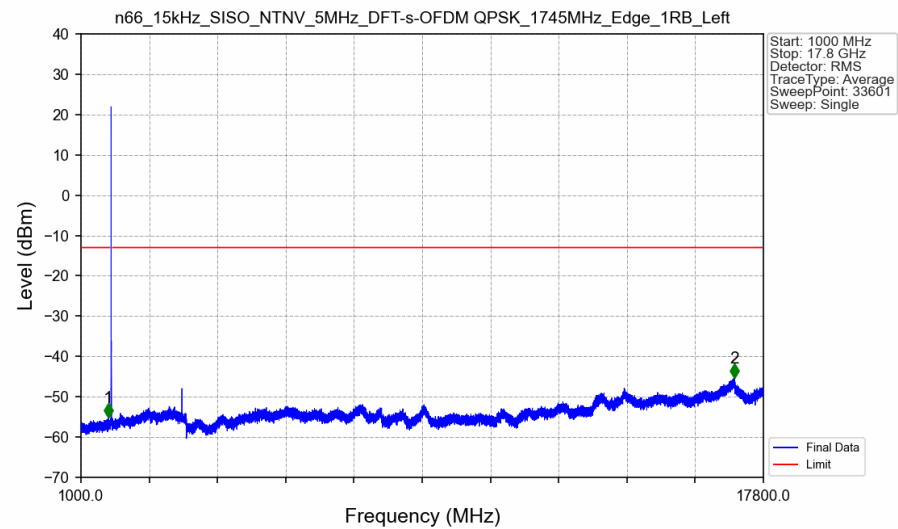
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.640	-35.14	-13	Pass
1709	1710	0.04986	CHP	2	1709.980	-36.34	-13	Pass
1710	1715	0.04986	CHP	/	/	/	/	/

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1745MHz_Edge_1RB_Left_Ant2



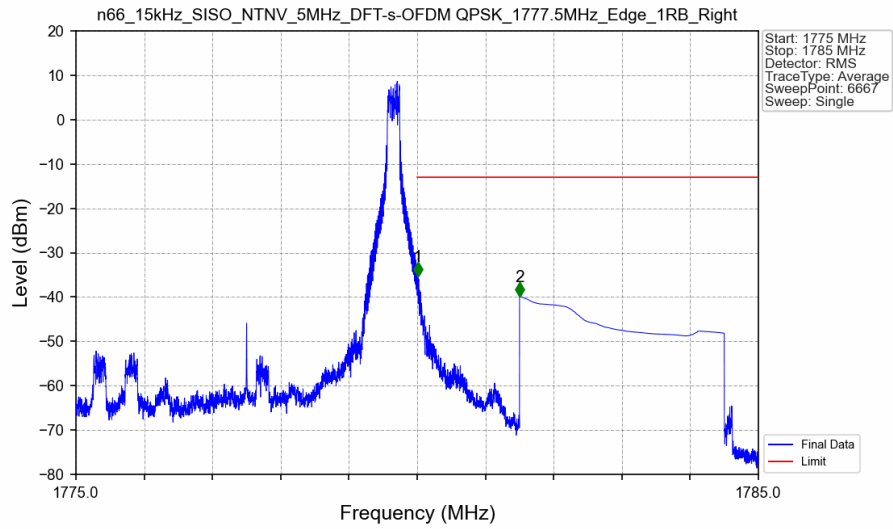
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	918.400	-57.48	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1745MHz_Edge_1RB_Left_Ant2



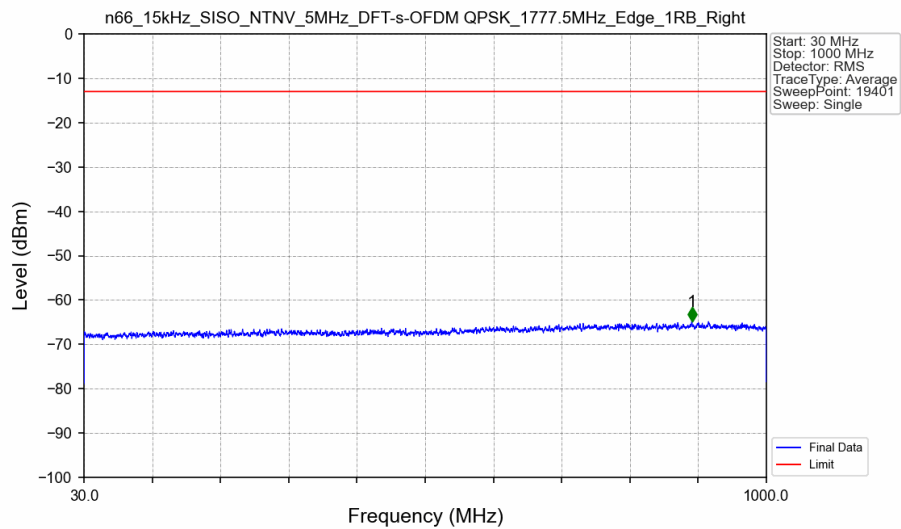
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1670.500	-55.17	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	17079.000	-45.27	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1777.5MHz_Edge_1RB_Right_Ant2



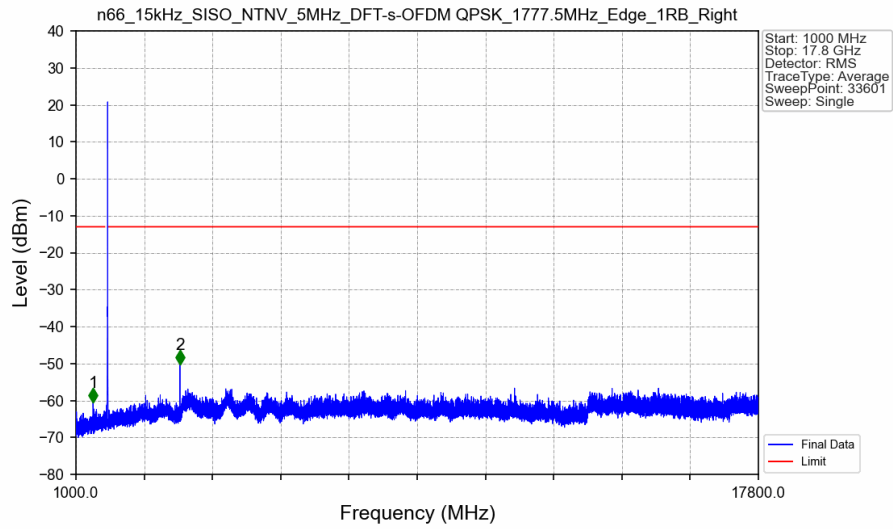
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.009	-35.33	-13	Pass
1781	1785	1	CHP	2	1781.500	-39.90	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1777.5MHz_Edge_1RB_Right_Ant2



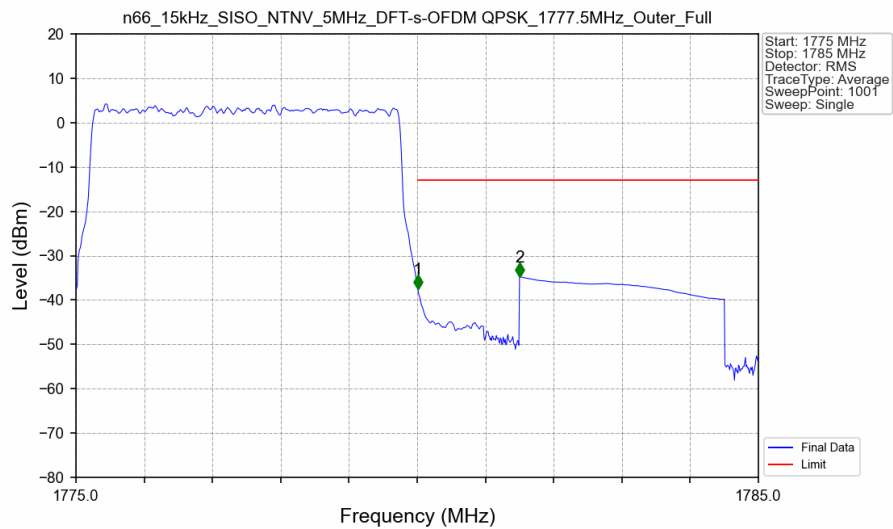
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.100	-64.72	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1777.5MHz_Edge_1RB_Right_Ant2



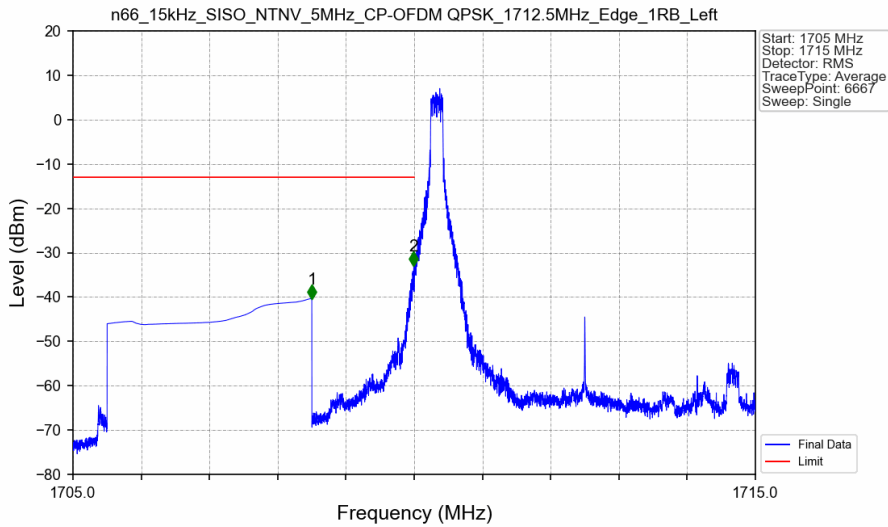
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1420.500	-60.40	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	3559.500	-50.27	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1777.5MHz_Outer_Full_Ant2

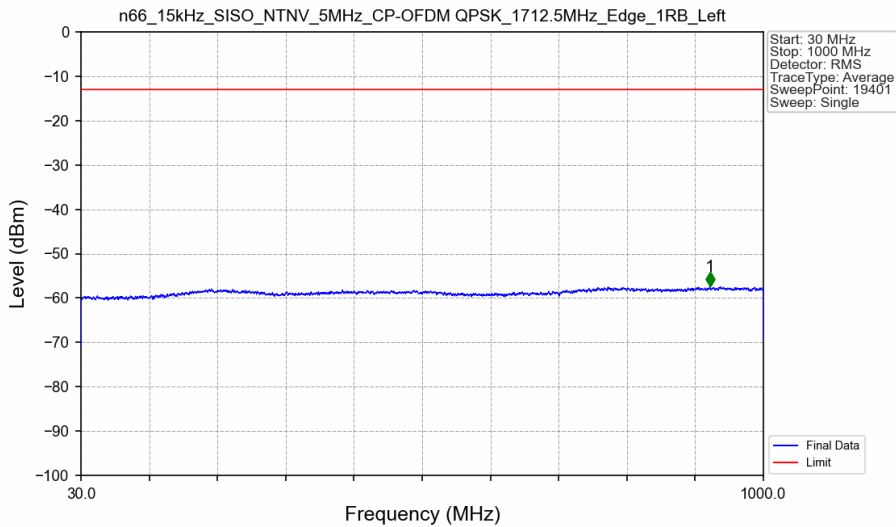


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.04986	CHP	/	/	/	/	/
1780	1781	0.04986	CHP	1	1780.010	-37.58	-13	Pass
1781	1785	1	CHP	2	1781.500	-34.70	-13	Pass

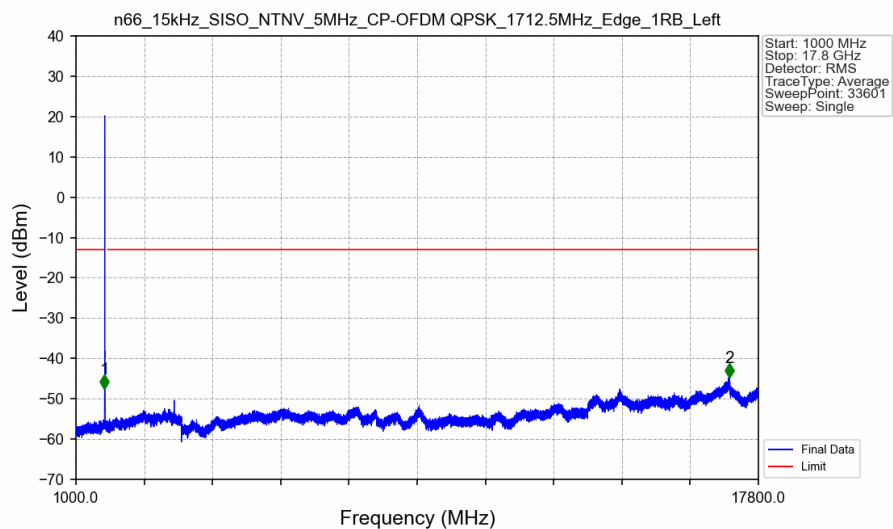
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Edge_1RB_Left_Ant2



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Edge_1RB_Left_Ant2

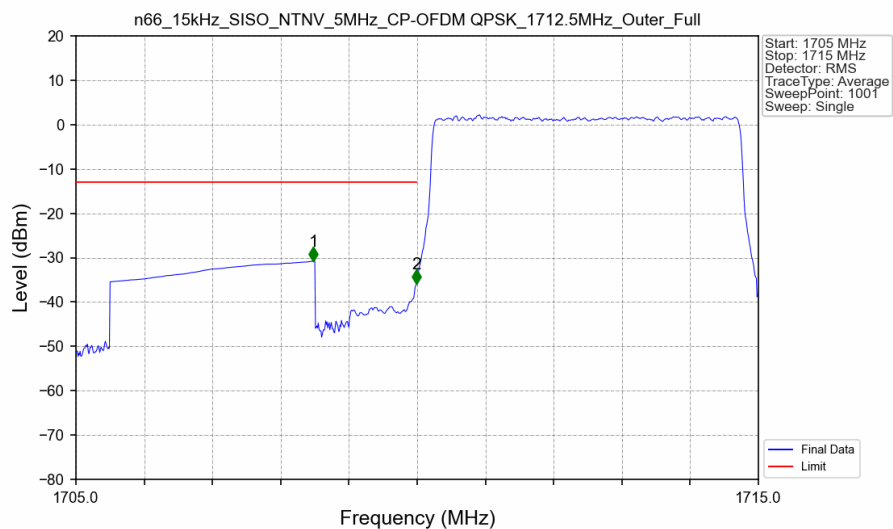


n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Edge_1RB_Left_Ant2



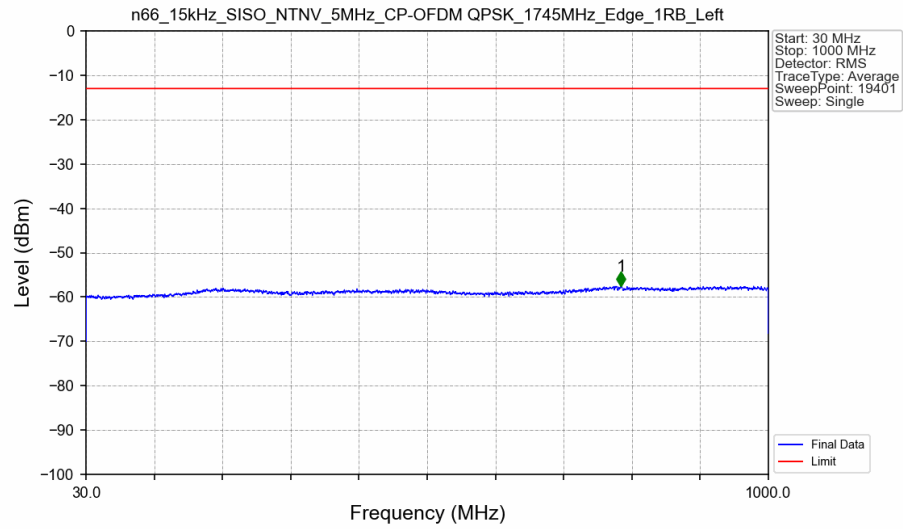
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1704.500	-47.52	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	17091.500	-44.67	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Outer_Full_Ant2



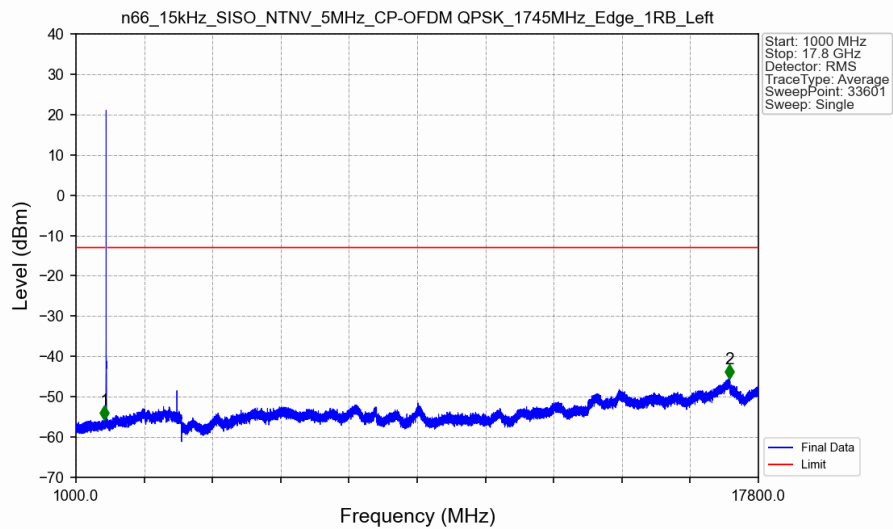
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.480	-30.81	-13	Pass
1709	1710	0.04986	CHP	2	1709.990	-35.89	-13	Pass
1710	1715	0.04986	CHP	/	/	/	/	/

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1745MHz_Edge_1RB_Left_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	790.250	-57.53	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1745MHz_Edge_1RB_Left_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1704.000	-55.65	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	17087.500	-45.51	-13	Pass