

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 5MHz 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	1712.5	Edge_1RB_Left	22.64	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	20.35	/	/	<=30	Pass
		Outer_Full	23.37	/	/	21.57	/	/	<=30	Pass
		Inner_Full	22.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	20.70	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.49	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	21.56	/	/	<=30	Pass
		Outer_Full	23.49	/	/	21.69	/	/	<=30	Pass
		Inner_Full	23.44	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	21.59	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	23.25	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	21.58	/	/	<=30	Pass
		Outer_Full	23.43	/	/	21.63	/	/	<=30	Pass
		Inner_Full	23.34	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	21.65	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	22.08	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	22.34	/	/	20.54	/	/	<=30	Pass
		Inner_Full	22.44	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	20.60	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.54	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	21.54	/	/	<=30	Pass
		Outer_Full	23.45	/	/	21.65	/	/	<=30	Pass
		Inner_Full	23.36	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	21.55	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	22.72	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	21.53	/	/	<=30	Pass
		Outer_Full	23.28	/	/	21.48	/	/	<=30	Pass
		Inner_Full	23.34	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	21.63	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge_1RB_Left	21.09	/	/	19.29	/	/	<=30	Pass
		Edge_1RB_Right	20.79	/	/	18.99	/	/	<=30	Pass
		Outer_Full	20.87	/	/	19.07	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	19.82	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.45	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	20.57	/	/	<=30	Pass
		Outer_Full	22.47	/	/	20.67	/	/	<=30	Pass
		Inner_Full	23.36	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	21.41	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.82	/	/	20.02	/	/	<=30	Pass

		Edge 1RB Right	22.38	/	/	20.58	/	/	<=30	Pass
		Outer Full	21.99	/	/	20.19	/	/	<=30	Pass
		Inner Full	22.80	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Left	22.67	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Right	23.22	/	/	21.42	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge 1RB Left	20.82	/	/	19.02	/	/	<=30	Pass
		Edge 1RB Right	20.55	/	/	18.75	/	/	<=30	Pass
		Outer Full	20.50	/	/	18.70	/	/	<=30	Pass
		Inner Full	20.61	/	/	18.81	/	/	<=30	Pass
		Inner 1RB Left	20.84	/	/	19.04	/	/	<=30	Pass
		Inner 1RB Right	20.57	/	/	18.77	/	/	<=30	Pass
	1745	Edge 1RB Left	22.19	/	/	20.39	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	20.40	/	/	<=30	Pass
		Outer Full	21.92	/	/	20.12	/	/	<=30	Pass
		Inner Full	22.00	/	/	20.20	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	20.44	/	/	<=30	Pass
		Inner 1RB Right	22.12	/	/	20.32	/	/	<=30	Pass
	1777.5	Edge 1RB Left	21.59	/	/	19.79	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	20.35	/	/	<=30	Pass
		Outer Full	21.59	/	/	19.79	/	/	<=30	Pass
		Inner Full	21.68	/	/	19.88	/	/	<=30	Pass
		Inner 1RB Left	21.62	/	/	19.82	/	/	<=30	Pass
		Inner 1RB Right	22.15	/	/	20.35	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge 1RB Left	18.94	/	/	17.14	/	/	<=30	Pass
		Edge 1RB Right	18.63	/	/	16.83	/	/	<=30	Pass
		Outer Full	19.65	/	/	17.85	/	/	<=30	Pass
		Inner Full	19.27	/	/	17.47	/	/	<=30	Pass
		Inner 1RB Left	18.92	/	/	17.12	/	/	<=30	Pass
		Inner 1RB Right	18.63	/	/	16.83	/	/	<=30	Pass
	1745	Edge 1RB Left	19.49	/	/	17.69	/	/	<=30	Pass
		Edge 1RB Right	19.41	/	/	17.61	/	/	<=30	Pass
		Outer Full	20.02	/	/	18.22	/	/	<=30	Pass
		Inner Full	19.99	/	/	18.19	/	/	<=30	Pass
		Inner 1RB Left	19.53	/	/	17.73	/	/	<=30	Pass
		Inner 1RB Right	19.43	/	/	17.63	/	/	<=30	Pass
	1777.5	Edge 1RB Left	19.40	/	/	17.60	/	/	<=30	Pass
		Edge 1RB Right	19.42	/	/	17.62	/	/	<=30	Pass
		Outer Full	19.85	/	/	18.05	/	/	<=30	Pass
		Inner Full	19.93	/	/	18.13	/	/	<=30	Pass
		Inner 1RB Left	19.35	/	/	17.55	/	/	<=30	Pass
		Inner 1RB Right	19.47	/	/	17.67	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge 1RB Left	20.37	/	/	18.57	/	/	<=30	Pass
		Edge 1RB Right	20.11	/	/	18.31	/	/	<=30	Pass
		Outer Full	20.55	/	/	18.75	/	/	<=30	Pass
		Inner Full	21.05	/	/	19.25	/	/	<=30	Pass
		Inner 1RB Left	21.60	/	/	19.80	/	/	<=30	Pass
		Inner 1RB Right	21.23	/	/	19.43	/	/	<=30	Pass
	1745	Edge 1RB Left	21.48	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	21.41	/	/	19.61	/	/	<=30	Pass
		Outer Full	21.49	/	/	19.69	/	/	<=30	Pass
		Inner Full	22.68	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Right	22.88	/	/	21.08	/	/	<=30	Pass
	1777.5	Edge 1RB Left	21.27	/	/	19.47	/	/	<=30	Pass
		Edge 1RB Right	21.38	/	/	19.58	/	/	<=30	Pass
		Outer Full	21.44	/	/	19.64	/	/	<=30	Pass
		Inner Full	22.17	/	/	20.37	/	/	<=30	Pass
		Inner 1RB Left	22.40	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Right	22.83	/	/	21.03	/	/	<=30	Pass

CP-OFDM 16 QAM	1712.5	Edge_1RB_Left	20.19	/	/	18.39	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	18.11	/	/	<=30	Pass
		Outer_Full	20.03	/	/	18.23	/	/	<=30	Pass
		Inner_Full	20.76	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Left	21.01	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	18.93	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.54	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	19.67	/	/	<=30	Pass
		Outer_Full	21.51	/	/	19.71	/	/	<=30	Pass
		Inner_Full	22.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	20.56	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.05	/	/	19.25	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	21.21	/	/	19.41	/	/	<=30	Pass
		Inner_Full	21.91	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	20.61	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge_1RB_Left	19.92	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	17.83	/	/	<=30	Pass
		Outer_Full	19.61	/	/	17.81	/	/	<=30	Pass
		Inner_Full	19.70	/	/	17.90	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	17.81	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.16	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	21.02	/	/	19.22	/	/	<=30	Pass
		Outer_Full	21.01	/	/	19.21	/	/	<=30	Pass
		Inner_Full	20.99	/	/	19.19	/	/	<=30	Pass
		Inner_1RB_Left	21.10	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	19.30	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.81	/	/	19.01	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	19.28	/	/	<=30	Pass
		Outer_Full	20.82	/	/	19.02	/	/	<=30	Pass
		Inner_Full	20.89	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	20.79	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	19.24	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge_1RB_Left	17.29	/	/	15.49	/	/	<=30	Pass
		Edge_1RB_Right	16.98	/	/	15.18	/	/	<=30	Pass
		Outer_Full	17.90	/	/	16.10	/	/	<=30	Pass
		Inner_Full	17.55	/	/	15.75	/	/	<=30	Pass
		Inner_1RB_Left	17.24	/	/	15.44	/	/	<=30	Pass
		Inner_1RB_Right	16.96	/	/	15.16	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.63	/	/	15.83	/	/	<=30	Pass
		Edge_1RB_Right	17.54	/	/	15.74	/	/	<=30	Pass
		Outer_Full	18.07	/	/	16.27	/	/	<=30	Pass
		Inner_Full	17.98	/	/	16.18	/	/	<=30	Pass
		Inner_1RB_Left	17.57	/	/	15.77	/	/	<=30	Pass
		Inner_1RB_Right	17.59	/	/	15.79	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	17.42	/	/	15.62	/	/	<=30	Pass
		Edge_1RB_Right	17.51	/	/	15.71	/	/	<=30	Pass
		Outer_Full	17.89	/	/	16.09	/	/	<=30	Pass
		Inner_Full	17.92	/	/	16.12	/	/	<=30	Pass
		Inner_1RB_Left	17.43	/	/	15.63	/	/	<=30	Pass
		Inner_1RB_Right	17.46	/	/	15.66	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 10MHz 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	1715	Edge_1RB_Left	22.82	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	20.78	/	/	<=30	Pass
		Outer_Full	23.45	/	/	21.65	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	22.92	/	/	21.12	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.61	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	21.49	/	/	<=30	Pass
		Outer_Full	23.50	/	/	21.70	/	/	<=30	Pass
		Inner_Full	23.51	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	21.52	/	/	<=30	Pass
	1775	Edge_1RB_Left	23.22	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	21.56	/	/	<=30	Pass
		Outer_Full	23.47	/	/	21.67	/	/	<=30	Pass
		Inner_Full	23.44	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	21.61	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	22.71	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.76	/	/	<=30	Pass
		Outer_Full	22.55	/	/	20.75	/	/	<=30	Pass
		Inner_Full	22.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	22.92	/	/	21.12	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.62	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	21.53	/	/	<=30	Pass
		Outer_Full	23.57	/	/	21.77	/	/	<=30	Pass
		Inner_Full	23.46	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	21.53	/	/	<=30	Pass
	1775	Edge_1RB_Left	23.30	/	/	21.50	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	21.58	/	/	<=30	Pass
		Outer_Full	23.24	/	/	21.44	/	/	<=30	Pass
		Inner_Full	23.37	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	21.65	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge_1RB_Left	21.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	20.99	/	/	19.19	/	/	<=30	Pass
		Inner_Full	21.87	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	22.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	20.33	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.55	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	20.49	/	/	<=30	Pass
		Outer_Full	22.47	/	/	20.67	/	/	<=30	Pass
		Inner_Full	23.51	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	21.41	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.15	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	20.60	/	/	<=30	Pass
		Outer_Full	21.87	/	/	20.07	/	/	<=30	Pass
		Inner_Full	22.65	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	21.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1715	Edge_1RB_Left	21.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	19.70	/	/	<=30	Pass

		Outer_Full	20.70	/	/	18.90	/	/	<=30	Pass
		Inner_Full	20.60	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	19.69	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.25	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	22.02	/	/	20.22	/	/	<=30	Pass
		Inner_Full	21.96	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	20.21	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	21.55	/	/	19.75	/	/	<=30	Pass
		Inner_Full	21.43	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	20.34	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge_1RB_Left	19.66	/	/	17.86	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	17.85	/	/	<=30	Pass
		Outer_Full	19.87	/	/	18.07	/	/	<=30	Pass
		Inner_Full	19.39	/	/	17.59	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	17.91	/	/	<=30	Pass
		Inner_1RB_Right	19.62	/	/	17.82	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.57	/	/	17.77	/	/	<=30	Pass
		Edge_1RB_Right	19.31	/	/	17.51	/	/	<=30	Pass
		Outer_Full	20.03	/	/	18.23	/	/	<=30	Pass
		Inner_Full	19.91	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	17.75	/	/	<=30	Pass
		Inner_1RB_Right	19.31	/	/	17.51	/	/	<=30	Pass
	1775	Edge_1RB_Left	19.29	/	/	17.49	/	/	<=30	Pass
		Edge_1RB_Right	19.40	/	/	17.60	/	/	<=30	Pass
		Outer_Full	19.91	/	/	18.11	/	/	<=30	Pass
		Inner_Full	19.89	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Left	19.34	/	/	17.54	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	17.57	/	/	<=30	Pass
CP-OFDM QPSK	1715	Edge_1RB_Left	21.65	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	20.90	/	/	19.10	/	/	<=30	Pass
		Inner_Full	21.28	/	/	19.48	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	20.01	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.29	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	19.46	/	/	<=30	Pass
		Outer_Full	21.55	/	/	19.75	/	/	<=30	Pass
		Inner_Full	22.76	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	21.01	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.24	/	/	19.44	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	19.76	/	/	<=30	Pass
		Outer_Full	21.38	/	/	19.58	/	/	<=30	Pass
		Inner_Full	22.05	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	21.00	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge_1RB_Left	20.96	/	/	19.16	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	19.14	/	/	<=30	Pass
		Outer_Full	20.21	/	/	18.41	/	/	<=30	Pass
		Inner_Full	21.01	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	19.53	/	/	<=30	Pass
		Inner_1RB_Right	21.30	/	/	19.50	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.69	/	/	19.89	/	/	<=30	Pass

		Edge_1RB_Right	21.35	/	/	19.55	/	/	<=30	Pass
		Outer_Full	21.43	/	/	19.63	/	/	<=30	Pass
		Inner_Full	22.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	20.47	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.40	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	21.06	/	/	19.26	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	21.93	/	/	20.13	/	/	<=30	Pass
	Inner_1RB_Right	22.51	/	/	20.71	/	/	<=30	Pass	
CP-OFDM 64 QAM	1715	Edge_1RB_Left	20.71	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	18.87	/	/	<=30	Pass
		Outer_Full	19.89	/	/	18.09	/	/	<=30	Pass
		Inner_Full	19.83	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	18.83	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.23	/	/	19.43	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	19.05	/	/	<=30	Pass
		Outer_Full	20.96	/	/	19.16	/	/	<=30	Pass
		Inner_Full	21.01	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	19.03	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.87	/	/	19.07	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	19.21	/	/	<=30	Pass
		Outer_Full	20.73	/	/	18.93	/	/	<=30	Pass
		Inner_Full	20.66	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	19.25	/	/	<=30	Pass
CP-OFDM 256 QAM	1715	Edge_1RB_Left	17.78	/	/	15.98	/	/	<=30	Pass
		Edge_1RB_Right	17.68	/	/	15.88	/	/	<=30	Pass
		Outer_Full	18.13	/	/	16.33	/	/	<=30	Pass
		Inner_Full	17.72	/	/	15.92	/	/	<=30	Pass
		Inner_1RB_Left	17.83	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Right	17.74	/	/	15.94	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.63	/	/	15.83	/	/	<=30	Pass
		Edge_1RB_Right	17.39	/	/	15.59	/	/	<=30	Pass
		Outer_Full	18.05	/	/	16.25	/	/	<=30	Pass
		Inner_Full	18.06	/	/	16.26	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	15.82	/	/	<=30	Pass
		Inner_1RB_Right	17.39	/	/	15.59	/	/	<=30	Pass
	1775	Edge_1RB_Left	17.34	/	/	15.54	/	/	<=30	Pass
		Edge_1RB_Right	17.50	/	/	15.70	/	/	<=30	Pass
		Outer_Full	17.87	/	/	16.07	/	/	<=30	Pass
Inner_Full		17.87	/	/	16.07	/	/	<=30	Pass	
Inner_1RB_Left		17.61	/	/	15.81	/	/	<=30	Pass	
	Inner_1RB_Right	17.47	/	/	15.67	/	/	<=30	Pass	
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 15MHz 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	1717.5	Edge_1RB_Left	22.71	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	21.25	/	/	<=30	Pass
		Outer_Full	23.34	/	/	21.54	/	/	<=30	Pass

		Inner_Full	22.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	21.58	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.73	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	21.53	/	/	<=30	Pass
		Outer_Full	23.74	/	/	21.94	/	/	<=30	Pass
		Inner_Full	23.72	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	21.54	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.20	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	21.75	/	/	<=30	Pass
		Outer_Full	23.48	/	/	21.68	/	/	<=30	Pass
		Inner_Full	23.26	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	21.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	22.62	/	/	20.82	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	21.24	/	/	<=30	Pass
		Outer_Full	22.47	/	/	20.67	/	/	<=30	Pass
		Inner_Full	22.50	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	21.56	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.74	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	21.58	/	/	<=30	Pass
		Outer_Full	23.64	/	/	21.84	/	/	<=30	Pass
		Inner_Full	23.70	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	21.59	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.28	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	21.82	/	/	<=30	Pass
		Outer_Full	23.34	/	/	21.54	/	/	<=30	Pass
		Inner_Full	23.17	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	21.68	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	21.65	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	21.04	/	/	19.24	/	/	<=30	Pass
		Inner_Full	21.77	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	20.76	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.66	/	/	20.86	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	22.38	/	/	20.58	/	/	<=30	Pass
		Inner_Full	23.28	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	21.22	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.71	/	/	<=30	Pass
		Outer_Full	21.77	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	21.41	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.44	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	20.70	/	/	18.90	/	/	<=30	Pass
		Inner_Full	20.57	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	20.13	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.41	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	20.21	/	/	<=30	Pass

		Outer_Full	21.98	/	/	20.18	/	/	<=30	Pass
		Inner_Full	22.10	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	20.22	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.01	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	20.47	/	/	<=30	Pass
		Outer_Full	21.46	/	/	19.66	/	/	<=30	Pass
		Inner_Full	21.32	/	/	19.52	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	20.48	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1717.5	Edge_1RB_Left	19.65	/	/	17.85	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	17.90	/	/	<=30	Pass
		Outer_Full	19.93	/	/	18.13	/	/	<=30	Pass
		Inner_Full	19.33	/	/	17.53	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	17.85	/	/	<=30	Pass
		Inner_1RB_Right	19.77	/	/	17.97	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.80	/	/	18.00	/	/	<=30	Pass
		Edge_1RB_Right	19.37	/	/	17.57	/	/	<=30	Pass
		Outer_Full	20.15	/	/	18.35	/	/	<=30	Pass
		Inner_Full	20.09	/	/	18.29	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Right	19.38	/	/	17.58	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	19.18	/	/	17.38	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	17.75	/	/	<=30	Pass
		Outer_Full	19.95	/	/	18.15	/	/	<=30	Pass
		Inner_Full	19.85	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Right	19.53	/	/	17.73	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	21.54	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	20.85	/	/	19.05	/	/	<=30	Pass
		Inner_Full	21.26	/	/	19.46	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	20.45	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	19.62	/	/	<=30	Pass
		Outer_Full	21.66	/	/	19.86	/	/	<=30	Pass
		Inner_Full	22.77	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	20.99	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.29	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	21.48	/	/	19.68	/	/	<=30	Pass
		Inner_Full	21.83	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	21.07	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Edge_1RB_Left	20.83	/	/	19.03	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	19.56	/	/	<=30	Pass
		Outer_Full	20.22	/	/	18.42	/	/	<=30	Pass
		Inner_Full	21.01	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	19.93	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	19.67	/	/	<=30	Pass
		Outer_Full	21.47	/	/	19.67	/	/	<=30	Pass
		Inner_Full	22.49	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Right	22.22	/	/	20.42	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.37	/	/	19.57	/	/	<=30	Pass

		Edge_1RB_Right	21.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	20.85	/	/	19.05	/	/	<=30	Pass
		Inner_Full	21.62	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	20.46	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	20.58	/	/	18.78	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	19.30	/	/	<=30	Pass
		Outer_Full	19.88	/	/	18.08	/	/	<=30	Pass
		Inner_Full	19.77	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Left	20.56	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Right	21.06	/	/	19.26	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.51	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	20.96	/	/	19.16	/	/	<=30	Pass
		Outer_Full	21.03	/	/	19.23	/	/	<=30	Pass
		Inner_Full	21.18	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	20.96	/	/	19.16	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.93	/	/	19.13	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	19.38	/	/	<=30	Pass
		Outer_Full	20.55	/	/	18.75	/	/	<=30	Pass
		Inner_Full	20.38	/	/	18.58	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	19.10	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	19.42	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	17.85	/	/	16.05	/	/	<=30	Pass
		Edge_1RB_Right	17.87	/	/	16.07	/	/	<=30	Pass
		Outer_Full	18.13	/	/	16.33	/	/	<=30	Pass
		Inner_Full	17.67	/	/	15.87	/	/	<=30	Pass
		Inner_1RB_Left	17.85	/	/	16.05	/	/	<=30	Pass
		Inner_1RB_Right	17.87	/	/	16.07	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.94	/	/	16.14	/	/	<=30	Pass
		Edge_1RB_Right	17.53	/	/	15.73	/	/	<=30	Pass
		Outer_Full	18.24	/	/	16.44	/	/	<=30	Pass
		Inner_Full	18.13	/	/	16.33	/	/	<=30	Pass
		Inner_1RB_Left	17.93	/	/	16.13	/	/	<=30	Pass
		Inner_1RB_Right	17.54	/	/	15.74	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	17.38	/	/	15.58	/	/	<=30	Pass
		Edge_1RB_Right	17.39	/	/	15.59	/	/	<=30	Pass
		Outer_Full	17.98	/	/	16.18	/	/	<=30	Pass
		Inner_Full	17.88	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	15.58	/	/	<=30	Pass
		Inner_1RB_Right	17.69	/	/	15.89	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 20MHz 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	1720	Edge_1RB_Left	22.54	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	21.52	/	/	<=30	Pass
		Outer_Full	23.39	/	/	21.59	/	/	<=30	Pass
		Inner_Full	22.68	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	21.77	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.78	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	21.48	/	/	<=30	Pass
		Outer_Full	23.75	/	/	21.95	/	/	<=30	Pass

		Inner_Full	23.67	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	21.48	/	/	<=30	Pass
	1770	Edge_1RB_Left	23.22	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	21.75	/	/	<=30	Pass
		Outer_Full	23.42	/	/	21.62	/	/	<=30	Pass
		Inner_Full	23.38	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	21.66	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge_1RB_Left	22.83	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	21.78	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.73	/	/	<=30	Pass
		Inner_Full	22.62	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	21.84	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.77	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	21.49	/	/	<=30	Pass
		Outer_Full	23.69	/	/	21.89	/	/	<=30	Pass
		Inner_Full	23.71	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	21.48	/	/	<=30	Pass
	1770	Edge_1RB_Left	23.26	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.74	/	/	<=30	Pass
		Outer_Full	23.38	/	/	21.58	/	/	<=30	Pass
		Inner_Full	23.35	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	21.75	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Edge_1RB_Left	21.89	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	20.85	/	/	<=30	Pass
		Outer_Full	21.05	/	/	19.25	/	/	<=30	Pass
		Inner_Full	21.89	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	21.02	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.71	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	20.41	/	/	<=30	Pass
		Outer_Full	22.41	/	/	20.61	/	/	<=30	Pass
		Inner_Full	23.41	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	21.28	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	20.64	/	/	<=30	Pass
		Outer_Full	21.92	/	/	20.12	/	/	<=30	Pass
		Inner_Full	22.70	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	21.32	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1720	Edge_1RB_Left	21.25	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	20.76	/	/	18.96	/	/	<=30	Pass
		Inner_Full	20.70	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	19.45	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	20.38	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.48	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	22.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	22.20	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	20.18	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	20.41	/	/	<=30	Pass

		Outer_Full	21.65	/	/	19.85	/	/	<=30	Pass
		Inner_Full	21.57	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Left	21.93	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	20.39	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Edge_1RB_Left	19.49	/	/	17.69	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	17.86	/	/	<=30	Pass
		Outer_Full	19.97	/	/	18.17	/	/	<=30	Pass
		Inner_Full	19.49	/	/	17.69	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Right	19.65	/	/	17.85	/	/	<=30	Pass
		Edge_1RB_Left	19.77	/	/	17.97	/	/	<=30	Pass
		Edge_1RB_Right	19.35	/	/	17.55	/	/	<=30	Pass
	1745	Outer_Full	20.14	/	/	18.34	/	/	<=30	Pass
		Inner_Full	20.19	/	/	18.39	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	17.54	/	/	<=30	Pass
		Edge_1RB_Left	19.21	/	/	17.41	/	/	<=30	Pass
		Edge_1RB_Right	19.59	/	/	17.79	/	/	<=30	Pass
	1770	Outer_Full	19.89	/	/	18.09	/	/	<=30	Pass
		Inner_Full	19.85	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	19.22	/	/	17.42	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	17.75	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge_1RB_Left	21.38	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	20.96	/	/	19.16	/	/	<=30	Pass
		Inner_Full	21.37	/	/	19.57	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	20.66	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	19.49	/	/	<=30	Pass
		Outer_Full	21.67	/	/	19.87	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	20.90	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.25	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	21.43	/	/	19.63	/	/	<=30	Pass
		Inner_Full	21.99	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	20.93	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Edge_1RB_Left	20.71	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	20.36	/	/	18.56	/	/	<=30	Pass
		Inner_Full	21.15	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Left	21.12	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	20.15	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	19.58	/	/	<=30	Pass
		Outer_Full	21.45	/	/	19.65	/	/	<=30	Pass
		Inner_Full	22.36	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	22.11	/	/	20.31	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.37	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	19.97	/	/	<=30	Pass
		Outer_Full	21.08	/	/	19.28	/	/	<=30	Pass
		Inner_Full	21.81	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	20.38	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Edge_1RB_Left	20.44	/	/	18.64	/	/	<=30	Pass

		Edge 1RB Right	21.37	/	/	19.57	/	/	<=30	Pass
		Outer_Full	20.02	/	/	18.22	/	/	<=30	Pass
		Inner_Full	19.98	/	/	18.18	/	/	<=30	Pass
		Inner_1RB_Left	20.42	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Right	21.31	/	/	19.51	/	/	<=30	Pass
	1745	Edge 1RB Left	21.44	/	/	19.64	/	/	<=30	Pass
		Edge 1RB Right	20.93	/	/	19.13	/	/	<=30	Pass
		Outer_Full	21.07	/	/	19.27	/	/	<=30	Pass
		Inner_Full	21.11	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	19.53	/	/	<=30	Pass
	1770	Inner_1RB_Right	20.87	/	/	19.07	/	/	<=30	Pass
		Edge 1RB Left	20.84	/	/	19.04	/	/	<=30	Pass
		Edge 1RB Right	21.27	/	/	19.47	/	/	<=30	Pass
		Outer_Full	20.78	/	/	18.98	/	/	<=30	Pass
		Inner_Full	20.70	/	/	18.90	/	/	<=30	Pass
CP-OFDM 256 QAM	1720	Inner_1RB_Left	20.86	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Right	21.16	/	/	19.36	/	/	<=30	Pass
		Edge 1RB Left	17.88	/	/	16.08	/	/	<=30	Pass
		Edge 1RB Right	17.96	/	/	16.16	/	/	<=30	Pass
		Outer_Full	18.30	/	/	16.50	/	/	<=30	Pass
		Inner_Full	17.85	/	/	16.05	/	/	<=30	Pass
	1745	Inner_1RB_Left	17.87	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Right	17.98	/	/	16.18	/	/	<=30	Pass
		Edge 1RB Left	17.86	/	/	16.06	/	/	<=30	Pass
		Edge 1RB Right	17.50	/	/	15.70	/	/	<=30	Pass
		Outer_Full	18.15	/	/	16.35	/	/	<=30	Pass
		Inner_Full	18.08	/	/	16.28	/	/	<=30	Pass
	1770	Inner_1RB_Left	17.87	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Right	17.43	/	/	15.63	/	/	<=30	Pass
		Edge 1RB Left	17.33	/	/	15.53	/	/	<=30	Pass
Edge 1RB Right		17.57	/	/	15.77	/	/	<=30	Pass	
Outer_Full		17.89	/	/	16.09	/	/	<=30	Pass	
	Inner_Full	17.85	/	/	16.05	/	/	<=30	Pass	
	Inner_1RB_Left	17.30	/	/	15.50	/	/	<=30	Pass	
	Inner_1RB_Right	17.87	/	/	16.07	/	/	<=30	Pass	
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 25MHz 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	1722.5	Edge 1RB Left	22.23	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Right	23.48	/	/	21.68	/	/	<=30	Pass
		Outer Full	23.34	/	/	21.54	/	/	<=30	Pass
		Inner Full	22.62	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Left	22.46	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Right	23.72	/	/	21.92	/	/	<=30	Pass
	1745	Edge 1RB Left	23.60	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	23.23	/	/	21.43	/	/	<=30	Pass
		Outer Full	23.58	/	/	21.78	/	/	<=30	Pass
		Inner Full	23.65	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Left	23.86	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Right	23.31	/	/	21.51	/	/	<=30	Pass
	1767.5	Edge 1RB Left	23.44	/	/	21.64	/	/	<=30	Pass
		Edge 1RB Right	23.60	/	/	21.80	/	/	<=30	Pass
		Outer Full	23.40	/	/	21.60	/	/	<=30	Pass

		Inner_Full	23.36	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	21.72	/	/	<=30	Pass
DFT-s-OFDM QPSK	1722.5	Edge_1RB_Left	22.45	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	23.72	/	/	21.92	/	/	<=30	Pass
		Outer_Full	22.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	22.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	22.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	21.88	/	/	<=30	Pass
		Edge_1RB_Left	23.85	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	23.30	/	/	21.50	/	/	<=30	Pass
	1745	Outer_Full	23.63	/	/	21.83	/	/	<=30	Pass
		Inner_Full	23.68	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	21.50	/	/	<=30	Pass
		Edge_1RB_Left	23.32	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	21.73	/	/	<=30	Pass
	1767.5	Outer_Full	23.34	/	/	21.54	/	/	<=30	Pass
		Inner_Full	23.28	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	21.75	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1722.5	Edge_1RB_Left	21.00	/	/	19.20	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	20.62	/	/	<=30	Pass
		Outer_Full	20.89	/	/	19.09	/	/	<=30	Pass
		Inner_Full	21.71	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	21.05	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.68	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	20.47	/	/	<=30	Pass
		Outer_Full	22.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	23.21	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	21.34	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	22.28	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	20.64	/	/	<=30	Pass
		Outer_Full	22.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	23.24	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	21.24	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1722.5	Edge_1RB_Left	20.76	/	/	18.96	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	20.55	/	/	18.75	/	/	<=30	Pass
		Inner_Full	20.51	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	19.98	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.55	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	20.10	/	/	<=30	Pass
		Outer_Full	21.83	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	20.28	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	21.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	20.46	/	/	<=30	Pass
		Outer_Full	21.82	/	/	20.02	/	/	<=30	Pass
		Inner_Full	21.86	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	20.26	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1722.5	Edge_1RB_Left	19.42	/	/	17.62	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	17.97	/	/	<=30	Pass

		Outer_Full	19.76	/	/	17.96	/	/	<=30	Pass
		Inner_Full	19.23	/	/	17.43	/	/	<=30	Pass
		Inner_1RB_Left	18.46	/	/	16.66	/	/	<=30	Pass
		Inner_1RB_Right	19.78	/	/	17.98	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.93	/	/	18.13	/	/	<=30	Pass
		Edge_1RB_Right	19.33	/	/	17.53	/	/	<=30	Pass
		Outer_Full	20.18	/	/	18.38	/	/	<=30	Pass
		Inner_Full	20.12	/	/	18.32	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	17.54	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	19.41	/	/	17.61	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	17.82	/	/	<=30	Pass
		Outer_Full	19.85	/	/	18.05	/	/	<=30	Pass
		Inner_Full	19.79	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Left	19.36	/	/	17.56	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	17.80	/	/	<=30	Pass
CP-OFDM QPSK	1722.5	Edge_1RB_Left	20.86	/	/	19.06	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	20.62	/	/	18.82	/	/	<=30	Pass
		Inner_Full	21.24	/	/	19.44	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	19.33	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	20.67	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	21.55	/	/	19.75	/	/	<=30	Pass
		Inner_Full	22.67	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	21.07	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	21.52	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	21.35	/	/	19.55	/	/	<=30	Pass
		Inner_Full	22.67	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	20.95	/	/	<=30	Pass
CP-OFDM 16 QAM	1722.5	Edge_1RB_Left	20.17	/	/	18.37	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	20.08	/	/	18.28	/	/	<=30	Pass
		Inner_Full	20.92	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	20.58	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	20.15	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	19.64	/	/	<=30	Pass
		Outer_Full	21.52	/	/	19.72	/	/	<=30	Pass
		Inner_Full	22.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	20.66	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	21.41	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	21.42	/	/	19.62	/	/	<=30	Pass
		Inner_Full	22.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	20.41	/	/	<=30	Pass
CP-OFDM 64 QAM	1722.5	Edge_1RB_Left	19.90	/	/	18.10	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	19.50	/	/	<=30	Pass
		Outer_Full	19.69	/	/	17.89	/	/	<=30	Pass
		Inner_Full	19.75	/	/	17.95	/	/	<=30	Pass
		Inner_1RB_Left	19.45	/	/	17.65	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	19.07	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.54	/	/	19.74	/	/	<=30	Pass

		Edge_1RB_Right	21.02	/	/	19.22	/	/	<=30	Pass
		Outer_Full	21.08	/	/	19.28	/	/	<=30	Pass
		Inner_Full	21.09	/	/	19.29	/	/	<=30	Pass
		Inner_1RB_Left	21.15	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	19.23	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	20.98	/	/	19.18	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	19.35	/	/	<=30	Pass
		Outer_Full	20.87	/	/	19.07	/	/	<=30	Pass
		Inner_Full	20.83	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Right	21.20	/	/	19.40	/	/	<=30	Pass
CP-OFDM 256 QAM	1722.5	Edge_1RB_Left	17.79	/	/	15.99	/	/	<=30	Pass
		Edge_1RB_Right	17.69	/	/	15.89	/	/	<=30	Pass
		Outer_Full	17.96	/	/	16.16	/	/	<=30	Pass
		Inner_Full	17.62	/	/	15.82	/	/	<=30	Pass
		Inner_1RB_Left	16.82	/	/	15.02	/	/	<=30	Pass
		Inner_1RB_Right	17.95	/	/	16.15	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.94	/	/	16.14	/	/	<=30	Pass
		Edge_1RB_Right	17.42	/	/	15.62	/	/	<=30	Pass
		Outer_Full	18.14	/	/	16.34	/	/	<=30	Pass
		Inner_Full	18.11	/	/	16.31	/	/	<=30	Pass
		Inner_1RB_Left	17.96	/	/	16.16	/	/	<=30	Pass
		Inner_1RB_Right	17.48	/	/	15.68	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	17.48	/	/	15.68	/	/	<=30	Pass
		Edge_1RB_Right	17.68	/	/	15.88	/	/	<=30	Pass
		Outer_Full	17.82	/	/	16.02	/	/	<=30	Pass
		Inner_Full	17.87	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Left	17.51	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Right	17.78	/	/	15.98	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 30MHz 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	1725	Edge_1RB_Left	22.15	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	21.70	/	/	<=30	Pass
		Outer_Full	23.62	/	/	21.82	/	/	<=30	Pass
		Inner_Full	23.03	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	21.92	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.29	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	21.27	/	/	<=30	Pass
		Outer_Full	23.60	/	/	21.80	/	/	<=30	Pass
		Inner_Full	23.62	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	21.27	/	/	<=30	Pass
	1765	Edge_1RB_Left	23.31	/	/	21.51	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.74	/	/	<=30	Pass
		Outer_Full	23.52	/	/	21.72	/	/	<=30	Pass
		Inner_Full	23.36	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	21.66	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Edge_1RB_Left	22.07	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	21.69	/	/	<=30	Pass
		Outer_Full	22.77	/	/	20.97	/	/	<=30	Pass

		Inner_Full	23.00	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	21.99	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.35	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	21.29	/	/	<=30	Pass
		Outer_Full	23.57	/	/	21.77	/	/	<=30	Pass
		Inner_Full	23.67	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	21.35	/	/	<=30	Pass
	1765	Edge_1RB_Left	23.22	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	23.40	/	/	21.60	/	/	<=30	Pass
		Outer_Full	23.41	/	/	21.61	/	/	<=30	Pass
		Inner_Full	23.26	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	21.66	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1725	Edge_1RB_Left	21.11	/	/	19.31	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.79	/	/	<=30	Pass
		Outer_Full	21.29	/	/	19.49	/	/	<=30	Pass
		Inner_Full	22.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	21.23	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.50	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	20.28	/	/	<=30	Pass
		Outer_Full	22.13	/	/	20.33	/	/	<=30	Pass
		Inner_Full	23.11	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	21.29	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	20.61	/	/	<=30	Pass
		Outer_Full	22.05	/	/	20.25	/	/	<=30	Pass
		Inner_Full	23.18	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	22.84	/	/	21.04	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1725	Edge_1RB_Left	20.87	/	/	19.07	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	20.48	/	/	<=30	Pass
		Outer_Full	20.99	/	/	19.19	/	/	<=30	Pass
		Inner_Full	21.03	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Left	20.88	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	20.59	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.27	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	20.12	/	/	<=30	Pass
		Outer_Full	21.83	/	/	20.03	/	/	<=30	Pass
		Inner_Full	21.93	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	20.13	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	20.39	/	/	<=30	Pass
		Outer_Full	21.73	/	/	19.93	/	/	<=30	Pass
		Inner_Full	21.87	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	20.34	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Edge_1RB_Left	19.10	/	/	17.30	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	17.98	/	/	<=30	Pass
		Outer_Full	20.21	/	/	18.41	/	/	<=30	Pass
		Inner_Full	19.79	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Left	19.10	/	/	17.30	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	18.01	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.89	/	/	18.09	/	/	<=30	Pass
		Edge_1RB_Right	19.26	/	/	17.46	/	/	<=30	Pass

		Outer_Full	20.12	/	/	18.32	/	/	<=30	Pass
		Inner_Full	20.15	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Left	19.86	/	/	18.06	/	/	<=30	Pass
		Inner_1RB_Right	19.23	/	/	17.43	/	/	<=30	Pass
	1765	Edge_1RB_Left	19.44	/	/	17.64	/	/	<=30	Pass
		Edge_1RB_Right	19.44	/	/	17.64	/	/	<=30	Pass
		Outer_Full	19.92	/	/	18.12	/	/	<=30	Pass
		Inner_Full	19.89	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Left	19.53	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	17.71	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	20.97	/	/	19.17	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	21.16	/	/	19.36	/	/	<=30	Pass
		Inner_Full	21.63	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	20.77	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	19.49	/	/	<=30	Pass
		Outer_Full	21.58	/	/	19.78	/	/	<=30	Pass
		Inner_Full	22.65	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	20.99	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.37	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	21.39	/	/	19.59	/	/	<=30	Pass
		Inner_Full	22.69	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	20.74	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge_1RB_Left	20.19	/	/	18.39	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	19.85	/	/	<=30	Pass
		Outer_Full	20.41	/	/	18.61	/	/	<=30	Pass
		Inner_Full	21.27	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	18.79	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	20.24	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	19.49	/	/	<=30	Pass
		Outer_Full	21.38	/	/	19.58	/	/	<=30	Pass
		Inner_Full	22.24	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	20.60	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	21.28	/	/	19.48	/	/	<=30	Pass
		Inner_Full	22.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	20.21	/	/	<=30	Pass
CP-OFDM 64 QAM	1725	Edge_1RB_Left	19.92	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	19.59	/	/	<=30	Pass
		Outer_Full	20.04	/	/	18.24	/	/	<=30	Pass
		Inner_Full	20.08	/	/	18.28	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	19.56	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.33	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	20.81	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.00	/	/	19.20	/	/	<=30	Pass
		Inner_Full	21.10	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	19.54	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	19.00	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.95	/	/	19.15	/	/	<=30	Pass

		Edge 1RB Right	21.12	/	/	19.32	/	/	<=30	Pass	
		Outer_Full	20.96	/	/	19.16	/	/	<=30	Pass	
		Inner_Full	20.84	/	/	19.04	/	/	<=30	Pass	
		Inner_1RB_Left	20.95	/	/	19.15	/	/	<=30	Pass	
		Inner_1RB_Right	21.07	/	/	19.27	/	/	<=30	Pass	
CP-OFDM 256 QAM	1725	Edge_1RB_Left	17.83	/	/	16.03	/	/	<=30	Pass	
		Edge_1RB_Right	17.90	/	/	16.10	/	/	<=30	Pass	
		Outer_Full	18.16	/	/	16.36	/	/	<=30	Pass	
		Inner_Full	17.93	/	/	16.13	/	/	<=30	Pass	
		Inner_1RB_Left	17.81	/	/	16.01	/	/	<=30	Pass	
		Inner_1RB_Right	17.91	/	/	16.11	/	/	<=30	Pass	
	1745	Edge_1RB_Left	18.08	/	/	16.28	/	/	<=30	Pass	
		Edge_1RB_Right	17.38	/	/	15.58	/	/	<=30	Pass	
		Outer_Full	18.12	/	/	16.32	/	/	<=30	Pass	
		Inner_Full	18.17	/	/	16.37	/	/	<=30	Pass	
		Inner_1RB_Left	17.94	/	/	16.14	/	/	<=30	Pass	
		Inner_1RB_Right	17.39	/	/	15.59	/	/	<=30	Pass	
	1765	Edge_1RB_Left	17.56	/	/	15.76	/	/	<=30	Pass	
		Edge_1RB_Right	17.75	/	/	15.95	/	/	<=30	Pass	
		Outer_Full	17.90	/	/	16.10	/	/	<=30	Pass	
		Inner_Full	17.88	/	/	16.08	/	/	<=30	Pass	
		Inner_1RB_Left	17.57	/	/	15.77	/	/	<=30	Pass	
		Inner_1RB_Right	17.72	/	/	15.92	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant2: -1.80dBi;										
	Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_30MHz

5G NR n66 SCS=15kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	20	LV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	0.60	0.0003	>=-2.5 & <=2.5	Pass
			0	NV	2.70	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
	1745	Outer_Full	20	LV	-7.00	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	3.10	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
	1745	Outer_Full	40	NV	-1.40	-0.0008	>=-2.5 & <=2.5	Pass

			50	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-0.80	-0.0005	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-11.30	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-8.60	-0.0049	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-8.30	-0.0048	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	1.00	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-9.60	-0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-8.50	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-0.80	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-8.10	-0.0046	>=-2.5 & <=2.5	Pass
			50	NV	1.90	0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-7.80	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass

			-20	NV	-5.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-3.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.90	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.50	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.40	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_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	1712.5	Outer_Full	4.55	5.32	/	Pass
	1745	Outer_Full	4.55	5.28	/	Pass
	1777.5	Outer_Full	4.57	5.29	/	Pass
DFT-s-OFDM QPSK	1712.5	Outer_Full	4.53	5.24	/	Pass
	1745	Outer_Full	4.53	5.22	/	Pass
	1777.5	Outer_Full	4.53	5.26	/	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer_Full	4.58	5.29	/	Pass
	1745	Outer_Full	4.57	5.32	/	Pass
	1777.5	Outer_Full	4.57	5.33	/	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer_Full	4.56	5.21	/	Pass
	1745	Outer_Full	4.57	5.22	/	Pass
	1777.5	Outer_Full	4.58	5.24	/	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer_Full	4.55	5.26	/	Pass
	1745	Outer_Full	4.54	5.28	/	Pass
	1777.5	Outer_Full	4.54	5.30	/	Pass
CP-OFDM QPSK	1712.5	Outer_Full	4.58	5.33	/	Pass
	1745	Outer_Full	4.58	5.33	/	Pass
	1777.5	Outer_Full	4.59	5.33	/	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	4.57	5.36	/	Pass
	1745	Outer_Full	4.57	5.45	/	Pass
	1777.5	Outer_Full	4.57	5.41	/	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	4.57	5.33	/	Pass
	1745	Outer_Full	4.59	5.39	/	Pass
	1777.5	Outer_Full	4.58	5.39	/	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	4.56	5.43	/	Pass
	1745	Outer_Full	4.56	5.41	/	Pass
	1777.5	Outer_Full	4.56	5.41	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n66 SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1715	Outer_Full	9.05	10.00	/	Pass
	1745	Outer_Full	9.05	9.99	/	Pass
	1775	Outer_Full	9.06	9.94	/	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	9.09	10.02	/	Pass
	1745	Outer_Full	9.09	10.02	/	Pass
	1775	Outer_Full	9.09	10.08	/	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	9.09	10.05	/	Pass
	1745	Outer_Full	9.08	10.02	/	Pass
	1775	Outer_Full	9.09	10.10	/	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	9.06	10.02	/	Pass
	1745	Outer_Full	9.06	10.02	/	Pass
	1775	Outer_Full	9.07	10.06	/	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	9.07	10.13	/	Pass
	1745	Outer_Full	9.08	9.98	/	Pass
	1775	Outer_Full	9.09	10.08	/	Pass
CP-OFDM QPSK	1715	Outer_Full	9.38	10.32	/	Pass
	1745	Outer_Full	9.40	10.52	/	Pass
	1775	Outer_Full	9.40	10.51	/	Pass
CP-OFDM 16 QAM	1715	Outer_Full	9.39	10.42	/	Pass
	1745	Outer_Full	9.41	10.37	/	Pass
	1775	Outer_Full	9.41	10.47	/	Pass
CP-OFDM 64 QAM	1715	Outer_Full	9.39	10.36	/	Pass
	1745	Outer_Full	9.38	10.38	/	Pass
	1775	Outer_Full	9.38	10.39	/	Pass
CP-OFDM 256 QAM	1715	Outer_Full	9.41	10.39	/	Pass
	1745	Outer_Full	9.43	10.42	/	Pass
	1775	Outer_Full	9.43	10.47	/	Pass

3.1.3 15k_SISO_15MHz_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	1717.5	Outer_Full	13.59	14.77	/	Pass
	1745	Outer_Full	13.58	14.74	/	Pass
	1772.5	Outer_Full	13.57	14.80	/	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	13.62	14.75	/	Pass
	1745	Outer_Full	13.60	14.89	/	Pass
	1772.5	Outer_Full	13.62	14.89	/	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	13.68	14.87	/	Pass
	1745	Outer_Full	13.66	14.91	/	Pass
	1772.5	Outer_Full	13.66	14.82	/	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	13.56	14.76	/	Pass
	1745	Outer_Full	13.57	14.82	/	Pass
	1772.5	Outer_Full	13.56	14.78	/	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	13.60	14.69	/	Pass
	1745	Outer_Full	13.60	14.76	/	Pass
	1772.5	Outer_Full	13.62	14.82	/	Pass
CP-OFDM QPSK	1717.5	Outer_Full	14.25	15.52	/	Pass
	1745	Outer_Full	14.26	15.61	/	Pass

	1772.5	Outer_Full	14.26	15.51	/	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	14.30	15.60	/	Pass
	1745	Outer_Full	14.30	15.50	/	Pass
	1772.5	Outer_Full	14.27	15.51	/	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	14.33	15.84	/	Pass
	1745	Outer_Full	14.32	15.89	/	Pass
	1772.5	Outer_Full	14.31	15.56	/	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	14.23	15.49	/	Pass
	1745	Outer_Full	14.27	15.44	/	Pass
	1772.5	Outer_Full	14.26	15.56	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	18.09	19.50	/	Pass
	1745	Outer_Full	18.11	19.64	/	Pass
	1770	Outer_Full	18.02	19.50	/	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	18.07	19.57	/	Pass
	1745	Outer_Full	18.08	19.62	/	Pass
	1770	Outer_Full	18.03	19.51	/	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	18.05	19.52	/	Pass
	1745	Outer_Full	18.09	19.55	/	Pass
	1770	Outer_Full	18.02	19.49	/	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	18.05	19.55	/	Pass
	1745	Outer_Full	18.08	19.52	/	Pass
	1770	Outer_Full	18.04	19.52	/	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	18.08	19.45	/	Pass
	1745	Outer_Full	18.09	19.48	/	Pass
	1770	Outer_Full	18.04	19.40	/	Pass
CP-OFDM QPSK	1720	Outer_Full	19.09	21.07	/	Pass
	1745	Outer_Full	19.13	21.04	/	Pass
	1770	Outer_Full	19.04	20.67	/	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.15	21.06	/	Pass
	1745	Outer_Full	19.19	21.20	/	Pass
	1770	Outer_Full	19.14	20.77	/	Pass
CP-OFDM 64 QAM	1720	Outer_Full	19.16	20.47	/	Pass
	1745	Outer_Full	19.17	20.65	/	Pass
	1770	Outer_Full	19.12	20.66	/	Pass
CP-OFDM 256 QAM	1720	Outer_Full	19.22	20.65	/	Pass
	1745	Outer_Full	19.24	20.74	/	Pass
	1770	Outer_Full	19.18	20.77	/	Pass

3.1.5 15k_SISO_25MHz_NTNV

5G NR n66 SCS=15kHz SISO 25MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1722.5	Outer_Full	23.11	24.69	/	Pass
	1745	Outer_Full	23.17	24.78	/	Pass
	1767.5	Outer_Full	23.11	24.73	/	Pass
DFT-s-OFDM QPSK	1722.5	Outer_Full	23.14	24.78	/	Pass
	1745	Outer_Full	23.22	24.78	/	Pass
	1767.5	Outer_Full	23.14	24.75	/	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	23.14	24.79	/	Pass

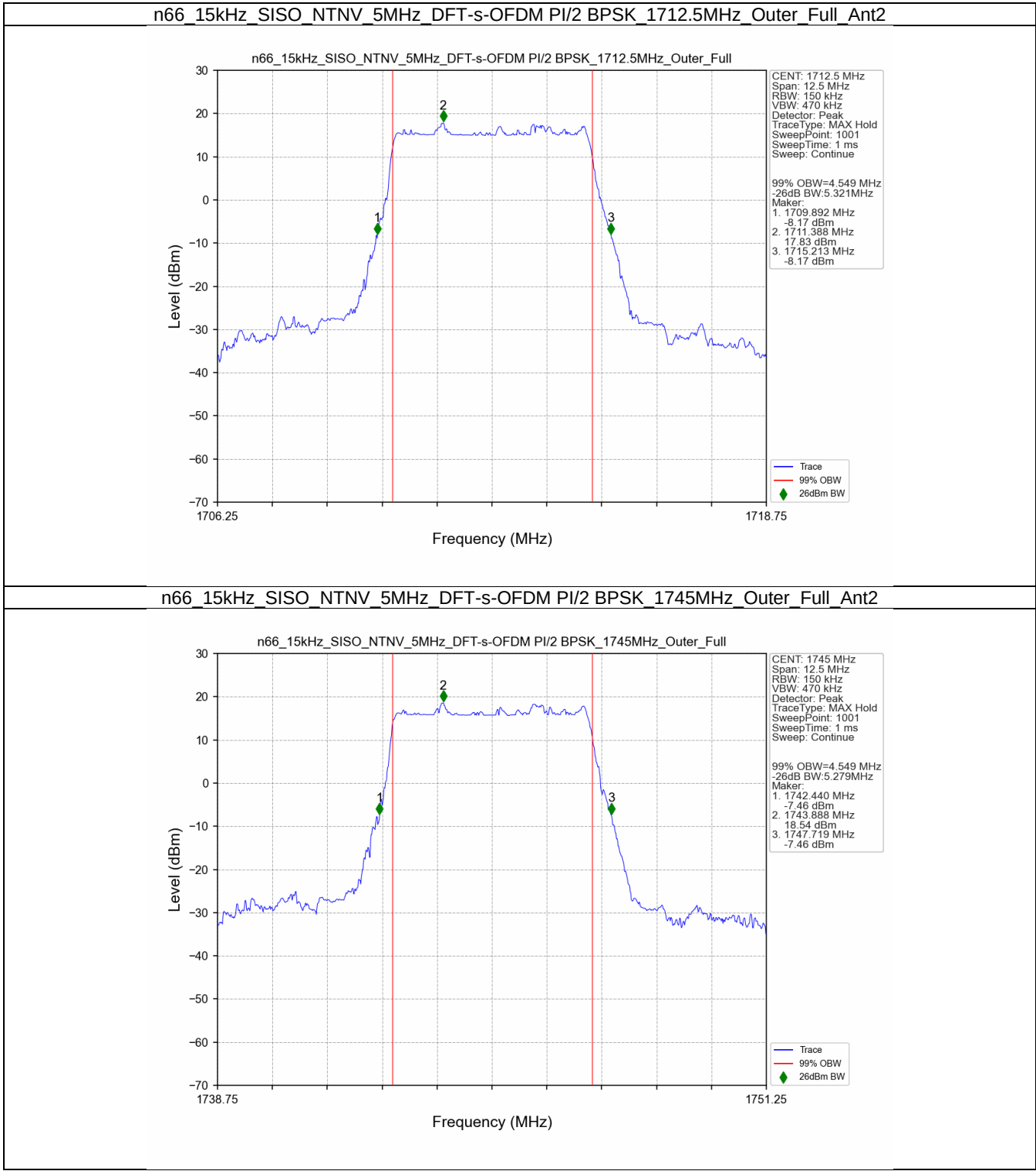
	1745	Outer_Full	23.17	24.81	/	Pass
	1767.5	Outer_Full	23.09	24.76	/	Pass
	1722.5	Outer_Full	23.07	24.75	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	23.16	24.79	/	Pass
	1767.5	Outer_Full	23.04	24.73	/	Pass
	1722.5	Outer_Full	23.09	24.73	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	23.11	24.85	/	Pass
	1767.5	Outer_Full	23.05	24.70	/	Pass
	1722.5	Outer_Full	23.93	25.76	/	Pass
CP-OFDM QPSK	1745	Outer_Full	24.02	25.76	/	Pass
	1767.5	Outer_Full	23.94	25.66	/	Pass
	1722.5	Outer_Full	23.98	27.23	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	24.03	27.33	/	Pass
	1767.5	Outer_Full	23.95	25.63	/	Pass
	1722.5	Outer_Full	23.95	25.87	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	24.04	27.04	/	Pass
	1767.5	Outer_Full	23.94	25.74	/	Pass
	1722.5	Outer_Full	23.95	25.59	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	24.00	25.62	/	Pass
	1767.5	Outer_Full	23.93	25.61	/	Pass

3.1.6 15k_SISO_30MHz_NTNV

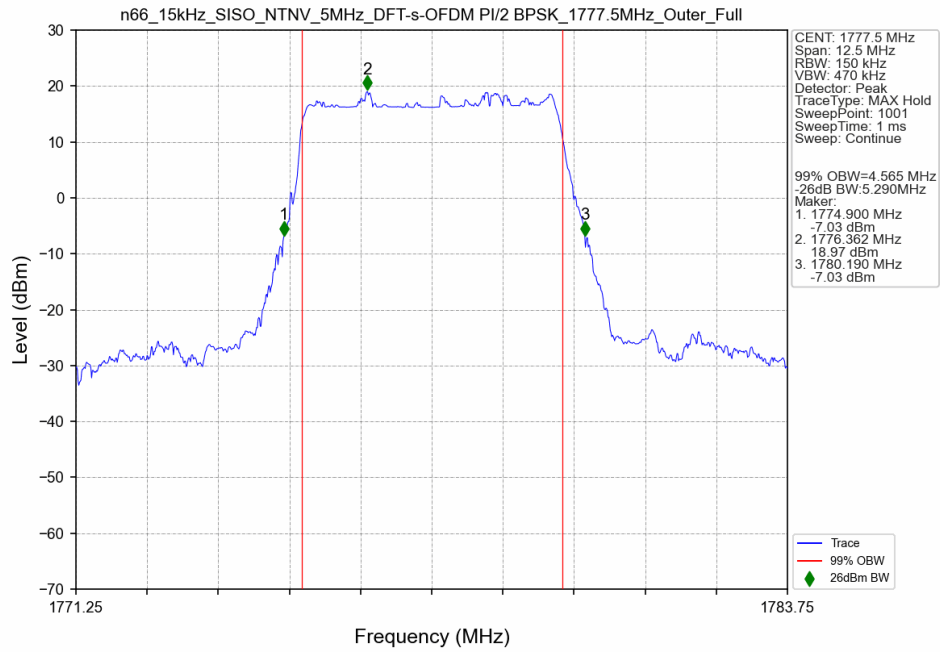
5G NR n66 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1725	Outer_Full	28.83	30.82	/	Pass
	1745	Outer_Full	28.96	30.93	/	Pass
	1765	Outer_Full	28.82	30.79	/	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	28.79	30.83	/	Pass
	1745	Outer_Full	28.93	30.93	/	Pass
	1765	Outer_Full	28.80	30.83	/	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	28.81	30.79	/	Pass
	1745	Outer_Full	28.95	30.86	/	Pass
	1765	Outer_Full	28.81	30.80	/	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	28.77	30.79	/	Pass
	1745	Outer_Full	28.89	30.86	/	Pass
	1765	Outer_Full	28.73	30.82	/	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	28.70	30.83	/	Pass
	1745	Outer_Full	28.86	30.91	/	Pass
	1765	Outer_Full	28.70	30.79	/	Pass
CP-OFDM QPSK	1725	Outer_Full	28.78	32.61	/	Pass
	1745	Outer_Full	28.94	32.64	/	Pass
	1765	Outer_Full	28.75	32.57	/	Pass
CP-OFDM 16 QAM	1725	Outer_Full	28.79	32.16	/	Pass
	1745	Outer_Full	28.98	33.34	/	Pass
	1765	Outer_Full	28.79	32.83	/	Pass
CP-OFDM 64 QAM	1725	Outer_Full	28.80	32.97	/	Pass
	1745	Outer_Full	28.91	33.48	/	Pass
	1765	Outer_Full	28.75	32.41	/	Pass
CP-OFDM 256 QAM	1725	Outer_Full	28.68	30.80	/	Pass
	1745	Outer_Full	28.85	30.81	/	Pass
	1765	Outer_Full	28.67	30.78	/	Pass

3.2 Test Graph

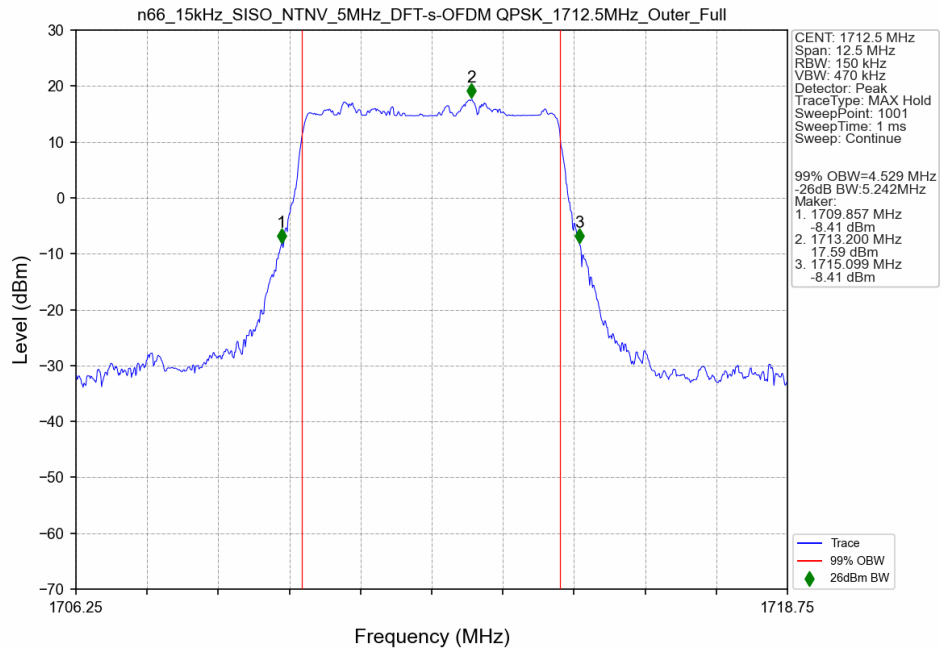
3.2.1 15k_SISO_5MHz_NTNV



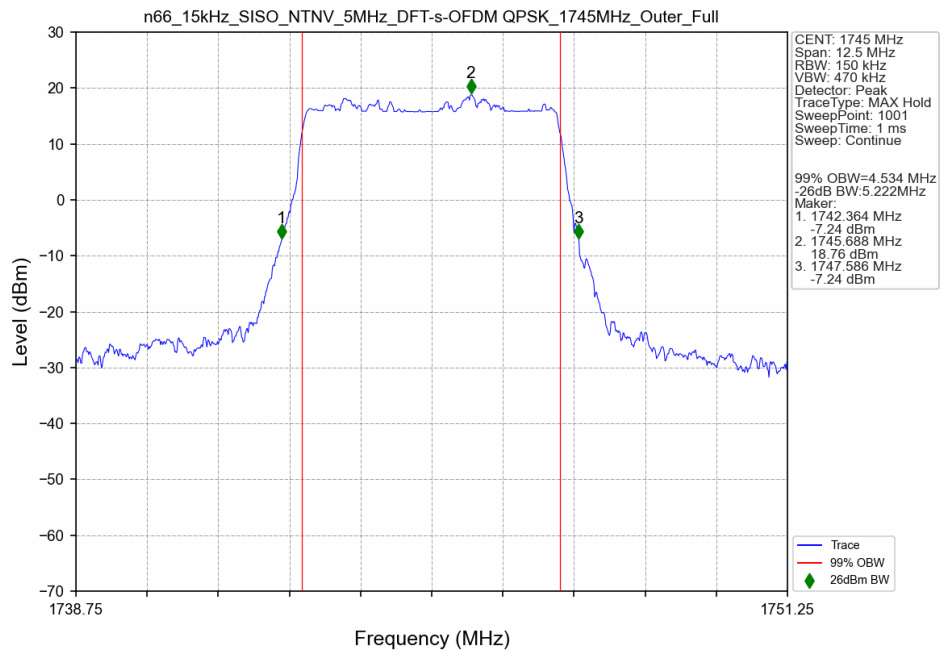
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1777.5MHz_Outer_Full_Ant2



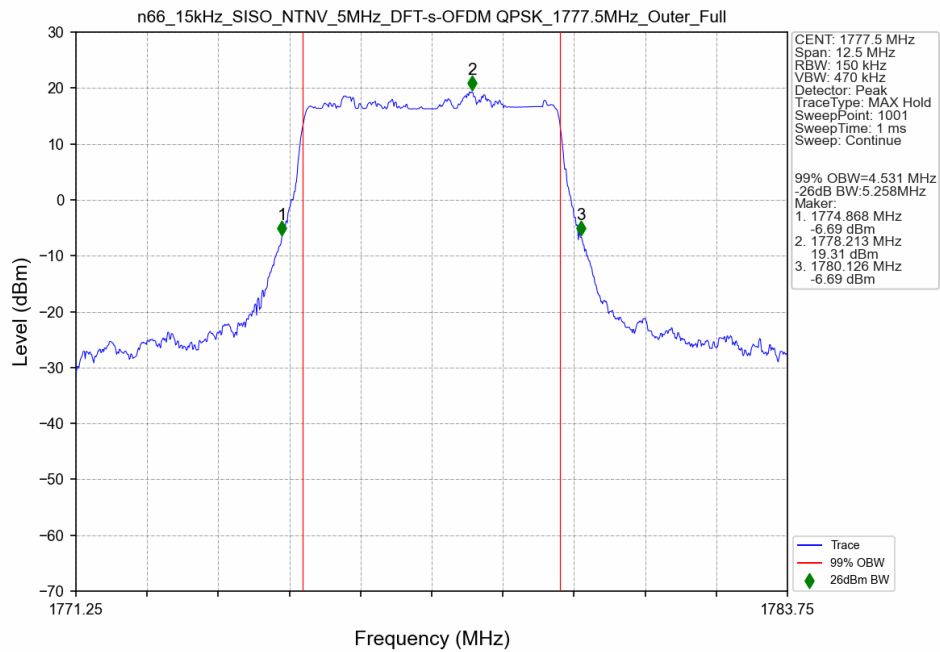
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1712.5MHz_Outer_Full_Ant2



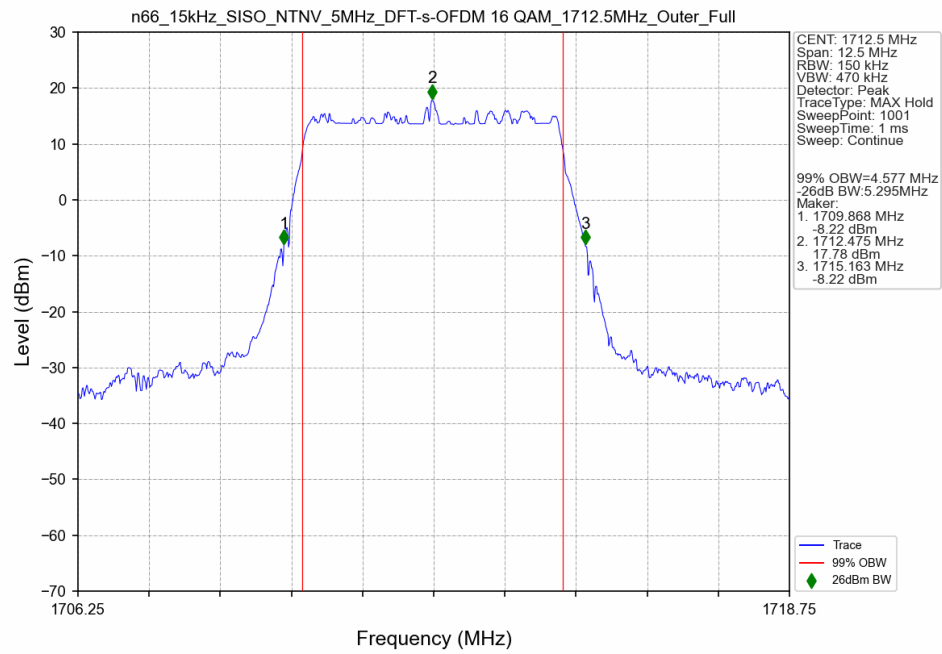
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1745MHz_Outer_Full_Ant2



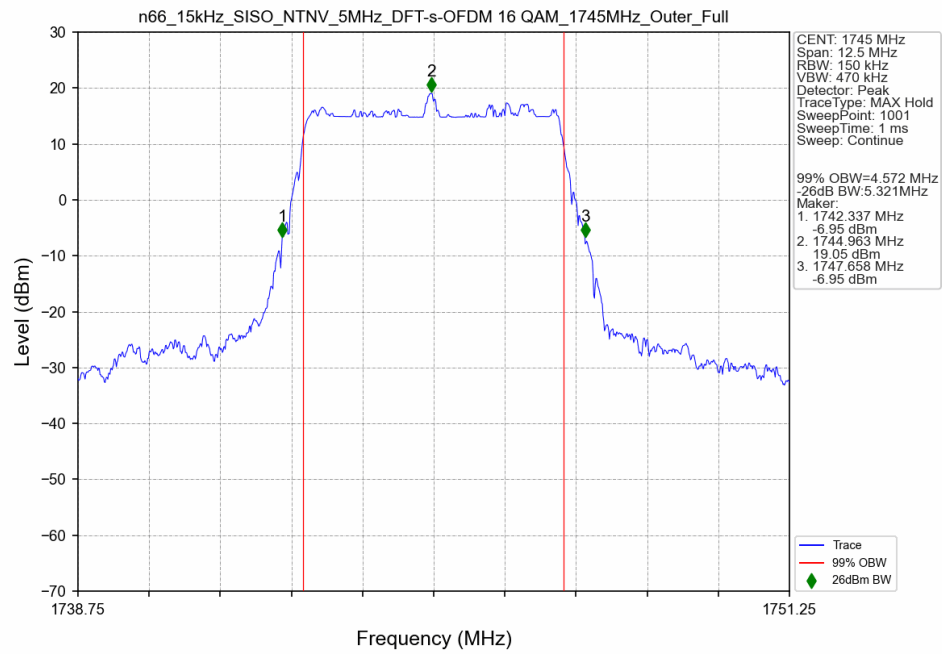
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1777.5MHz_Outer_Full_Ant2



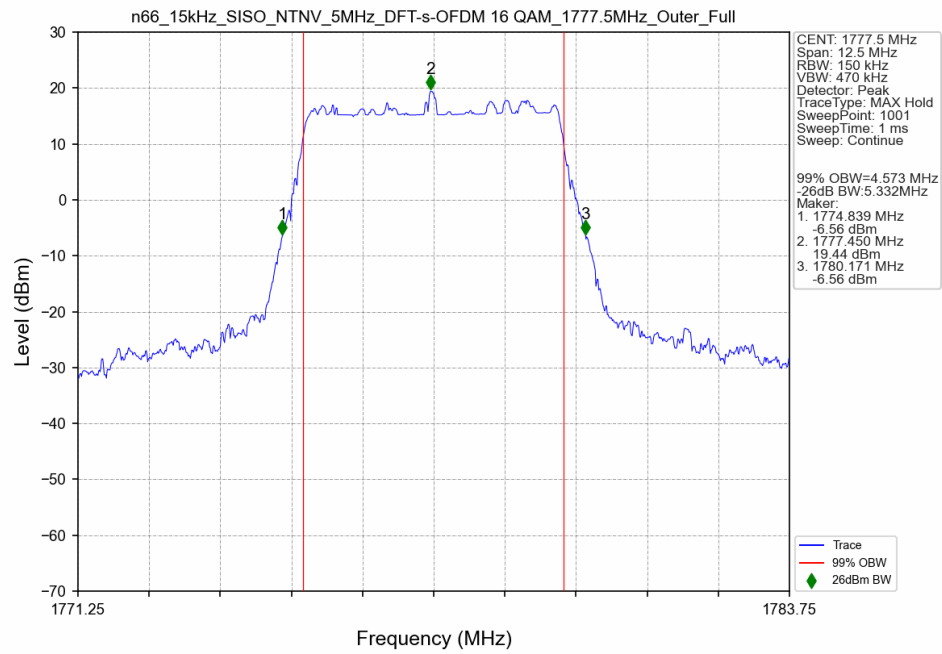
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1712.5MHz_Outer_Full_Ant2



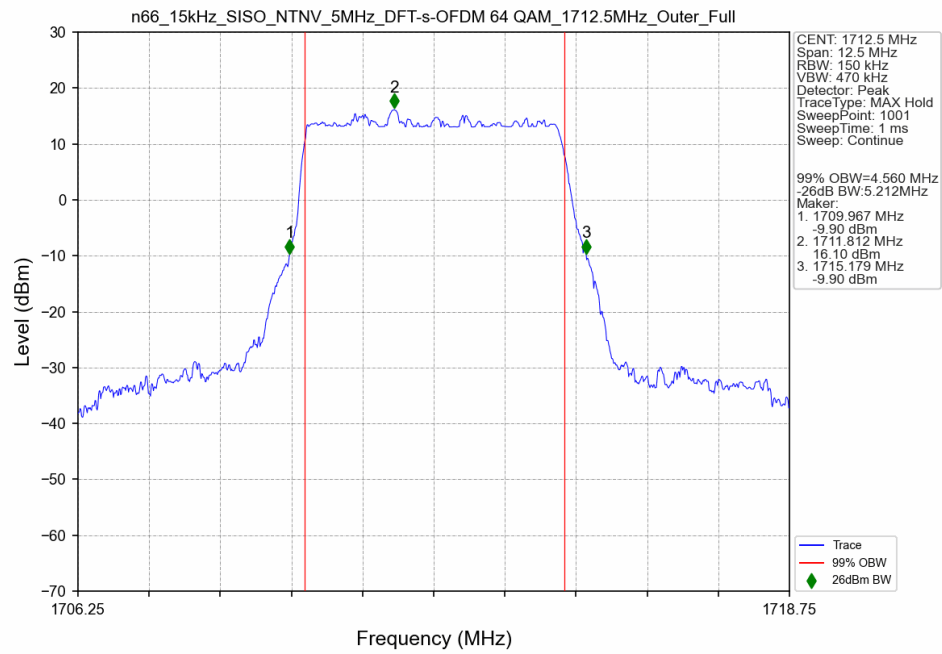
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1745MHz_Outer_Full_Ant2



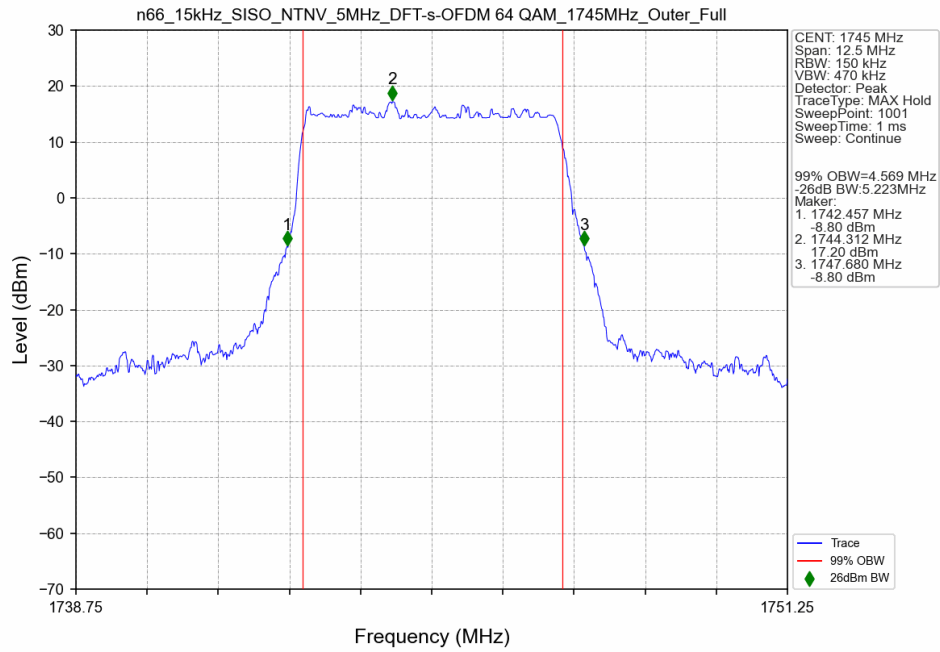
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1777.5MHz_Outer_Full_Ant2



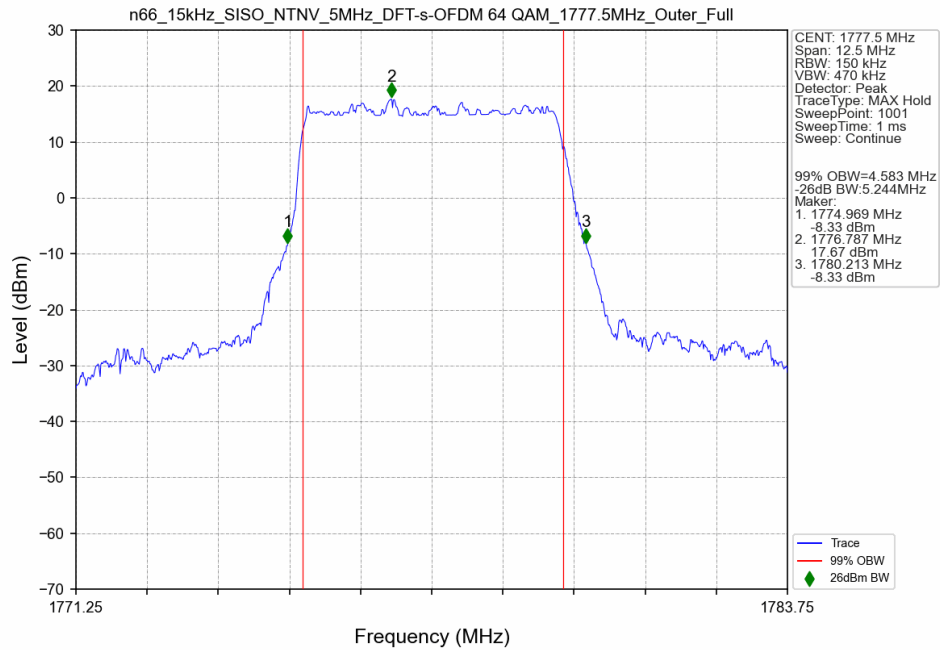
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1712.5MHz_Outer_Full_Ant2



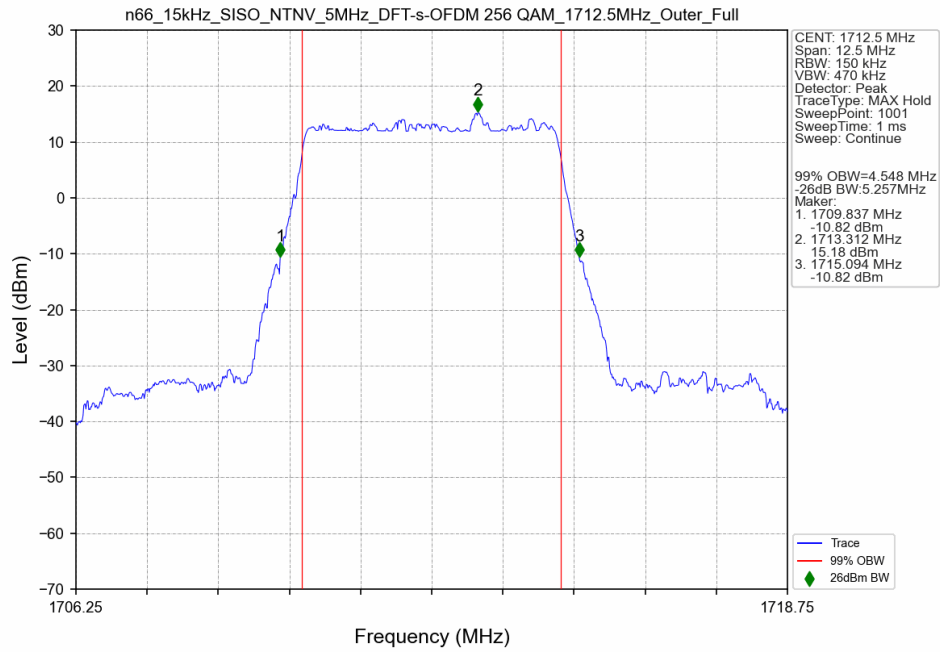
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1745MHz_Outer_Full_Ant2



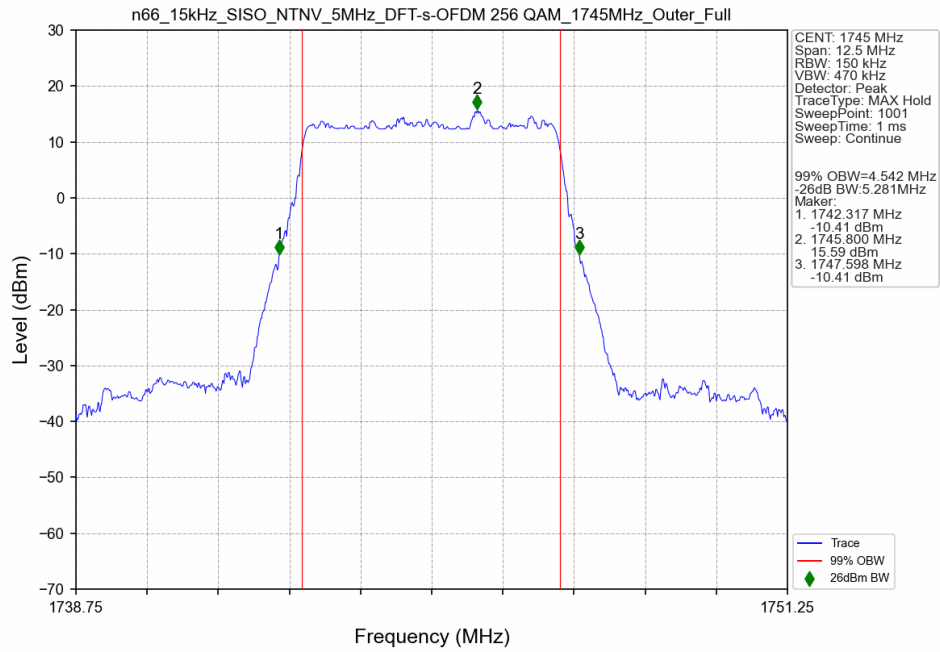
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1777.5MHz_Outer_Full_Ant2



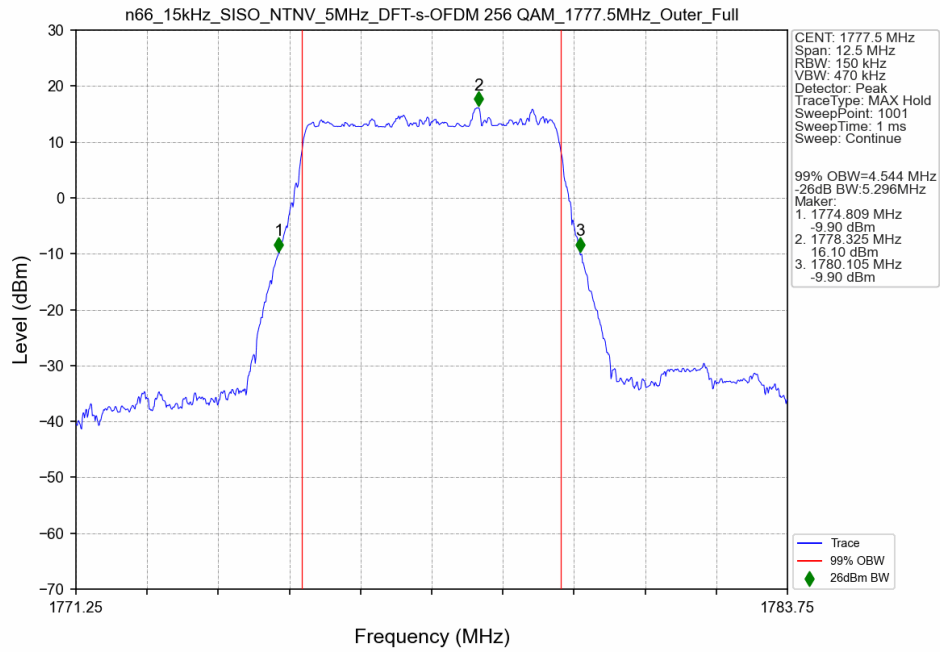
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1712.5MHz Outer Full Ant2



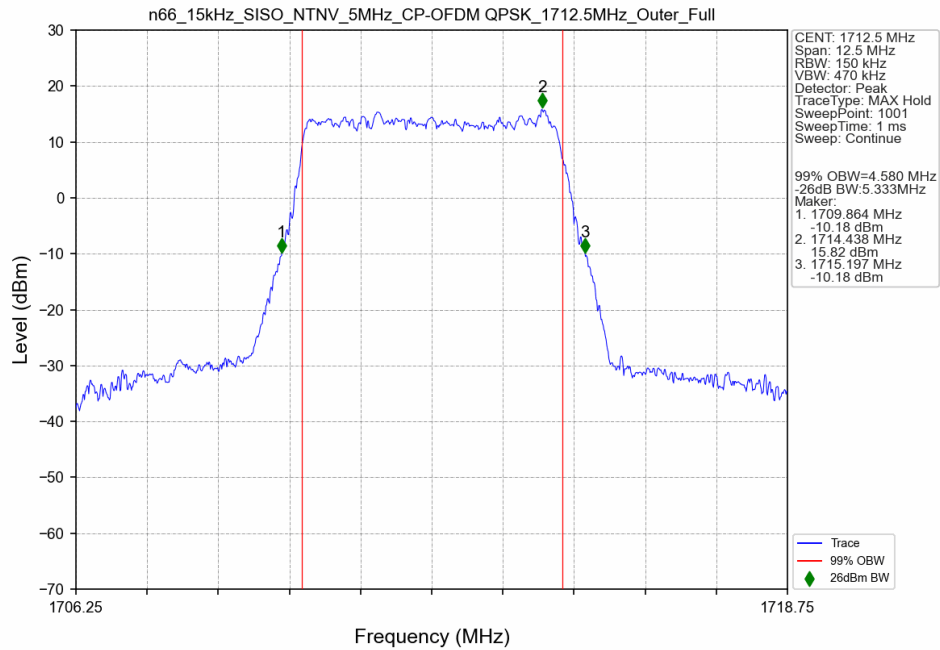
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1745MHz Outer Full Ant2



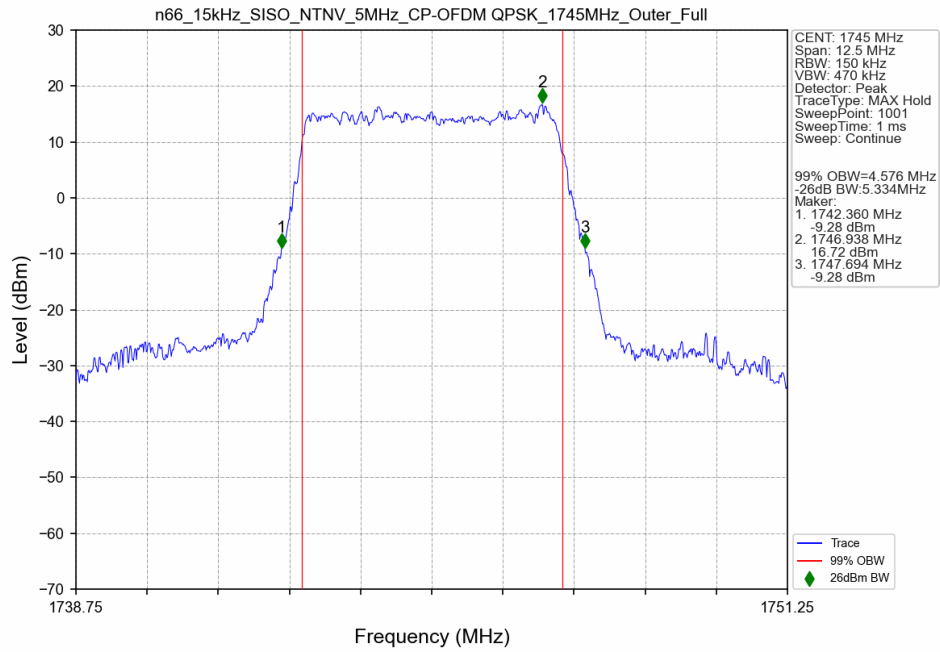
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1777.5MHz Outer Full Ant2



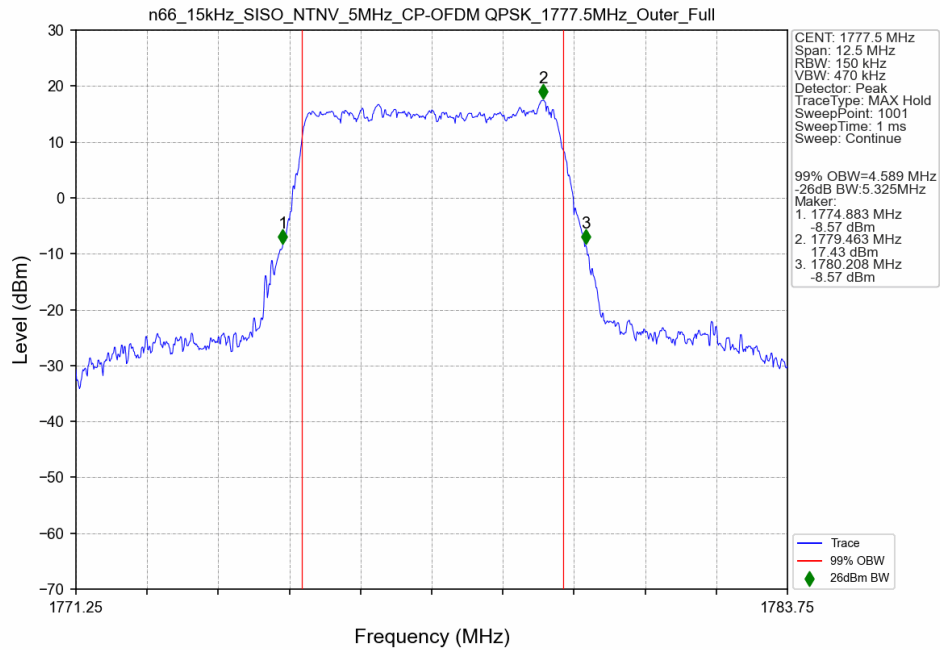
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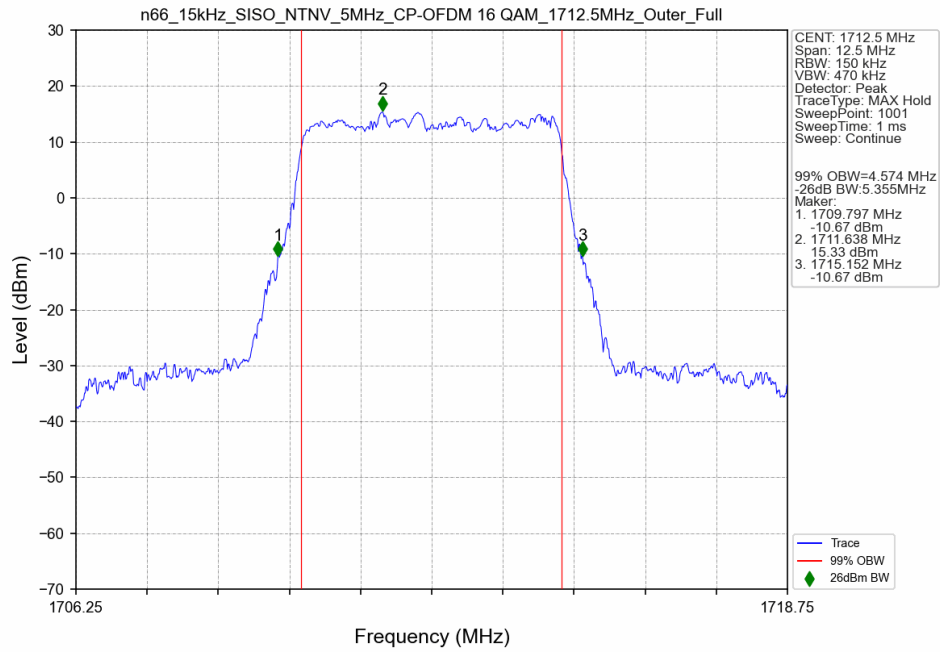
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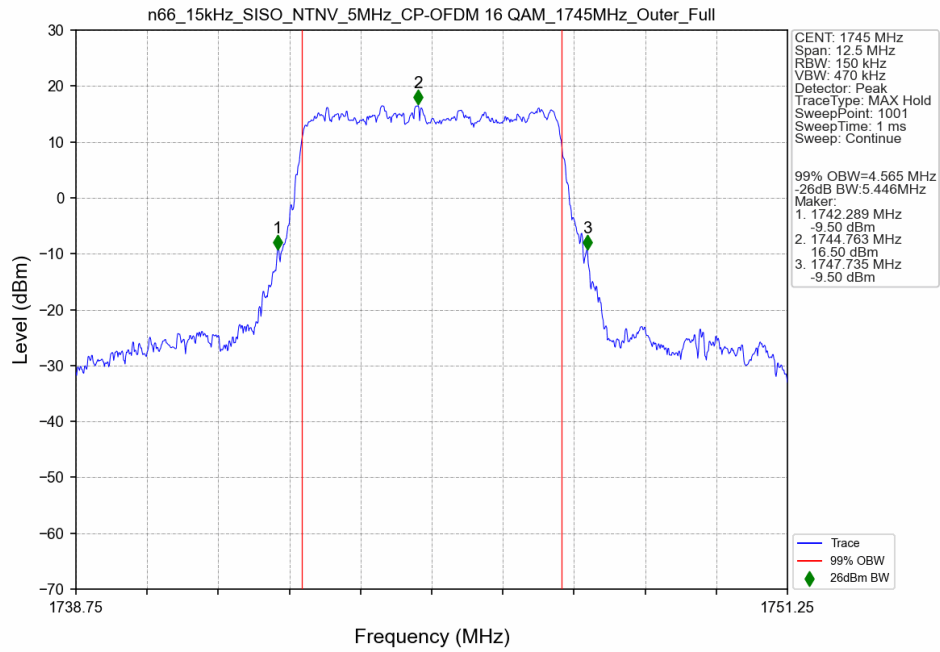
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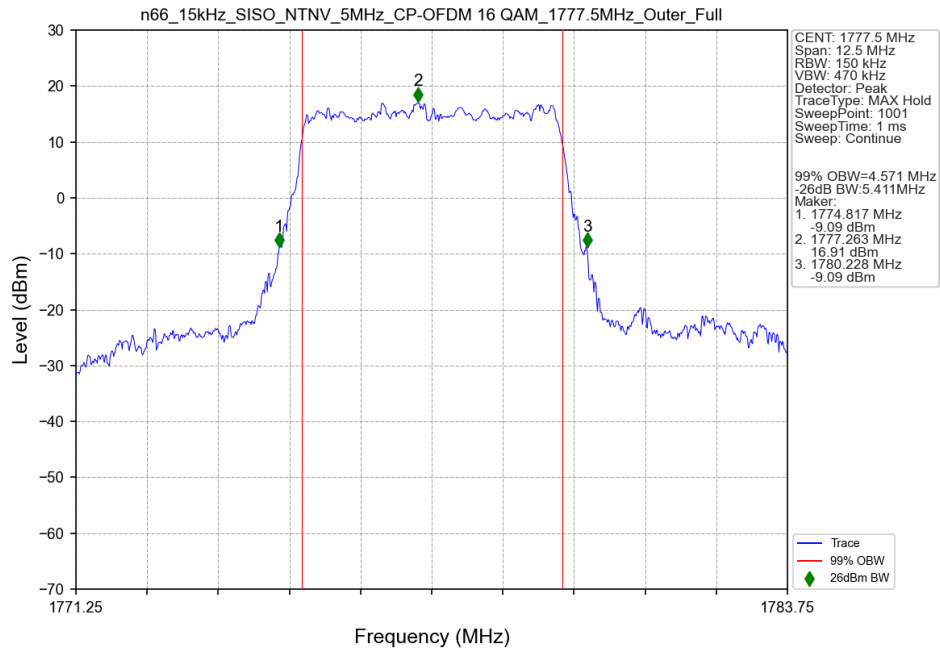
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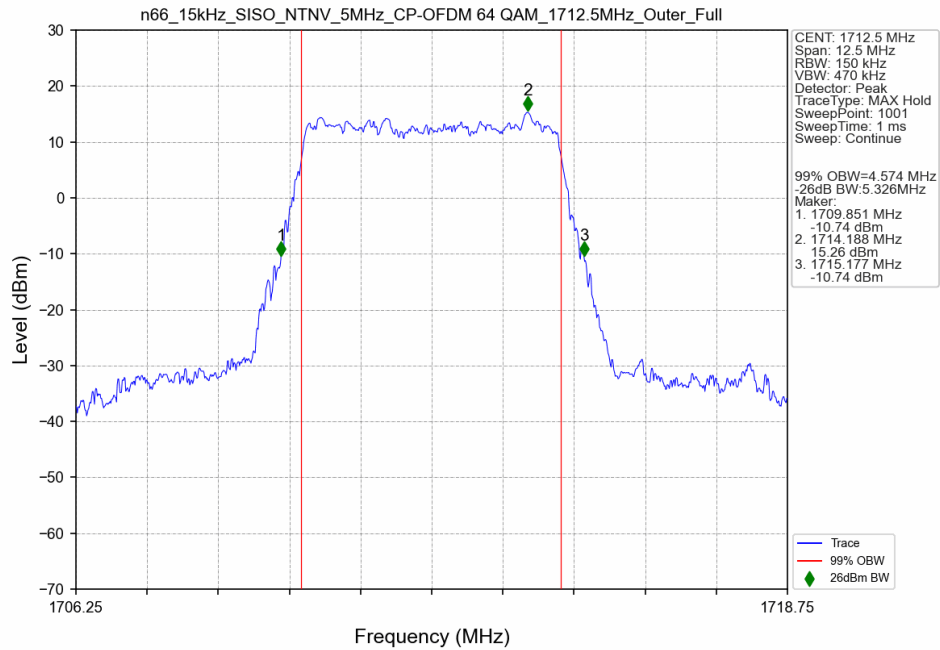
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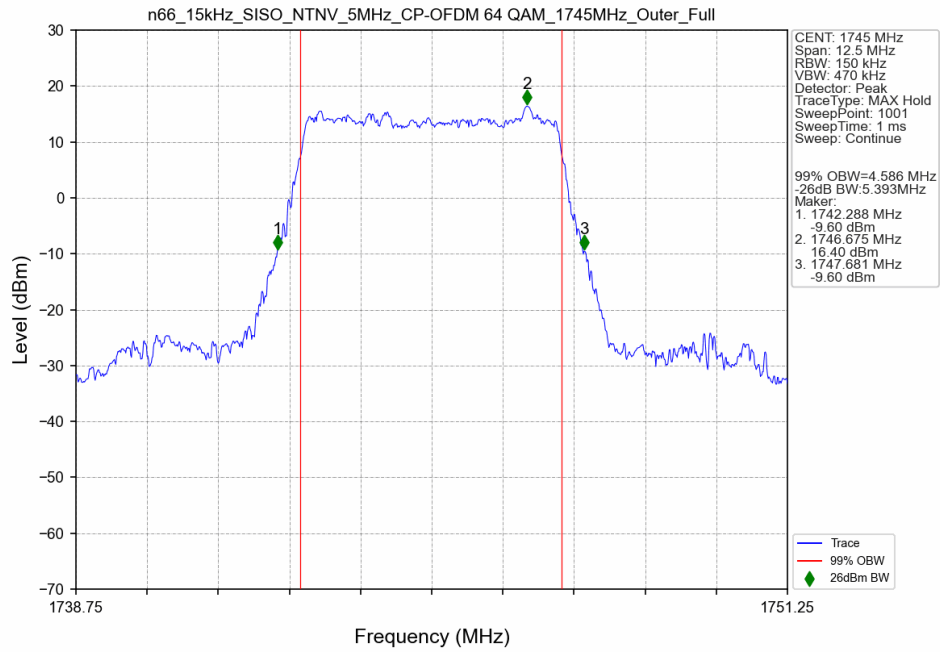
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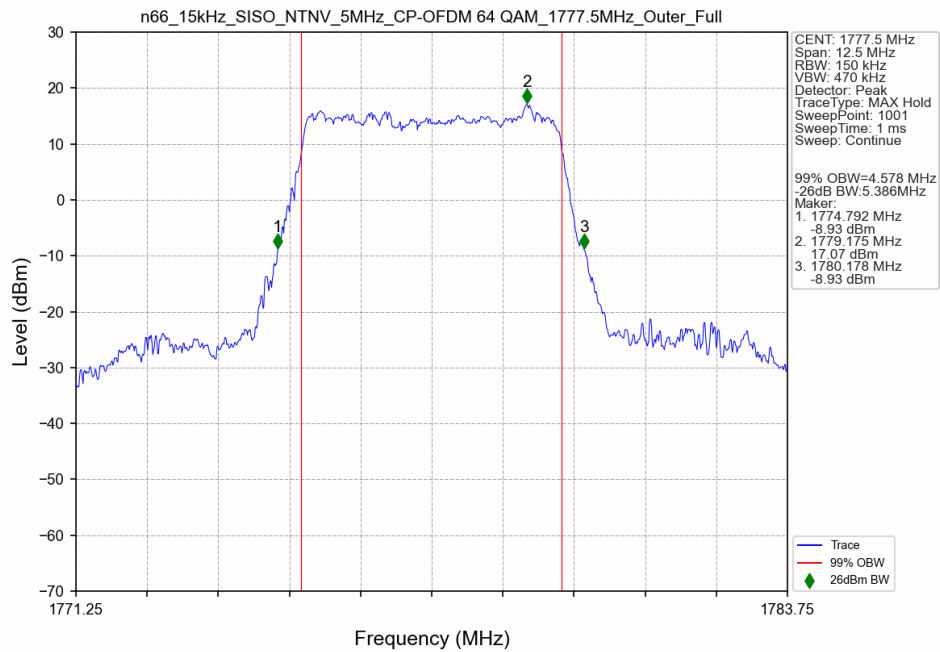
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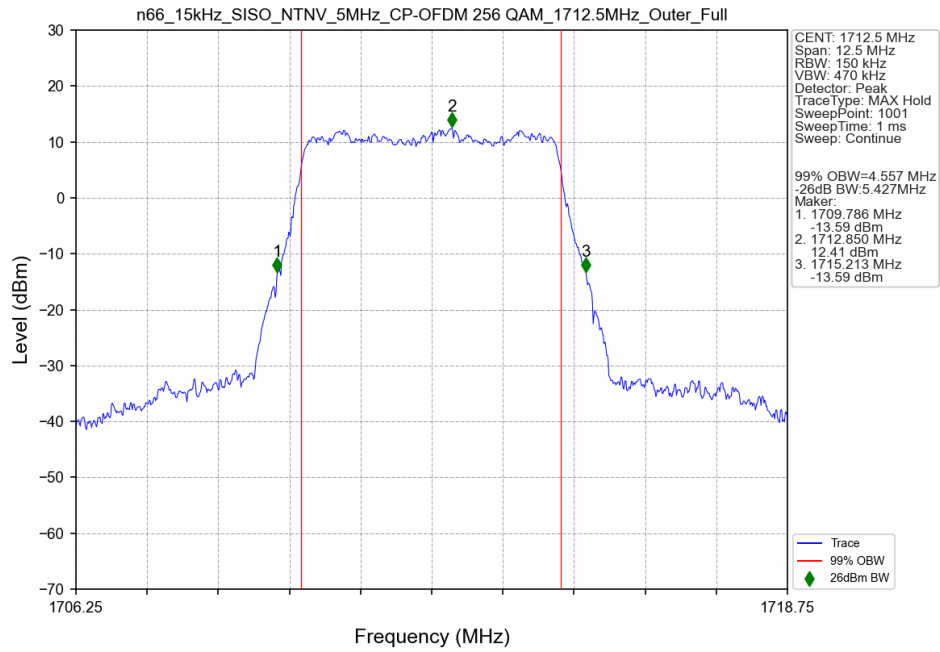
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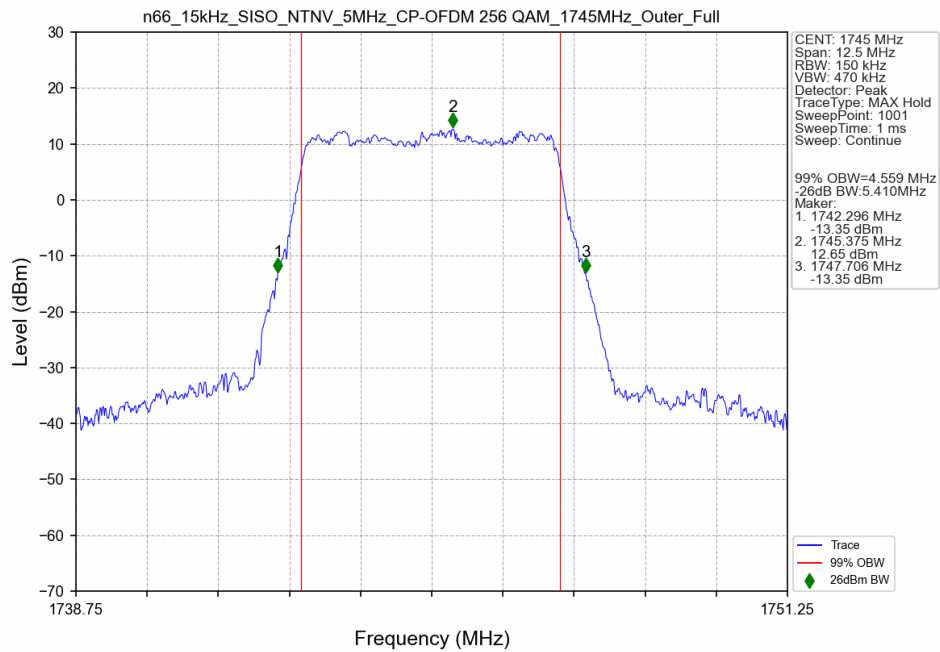
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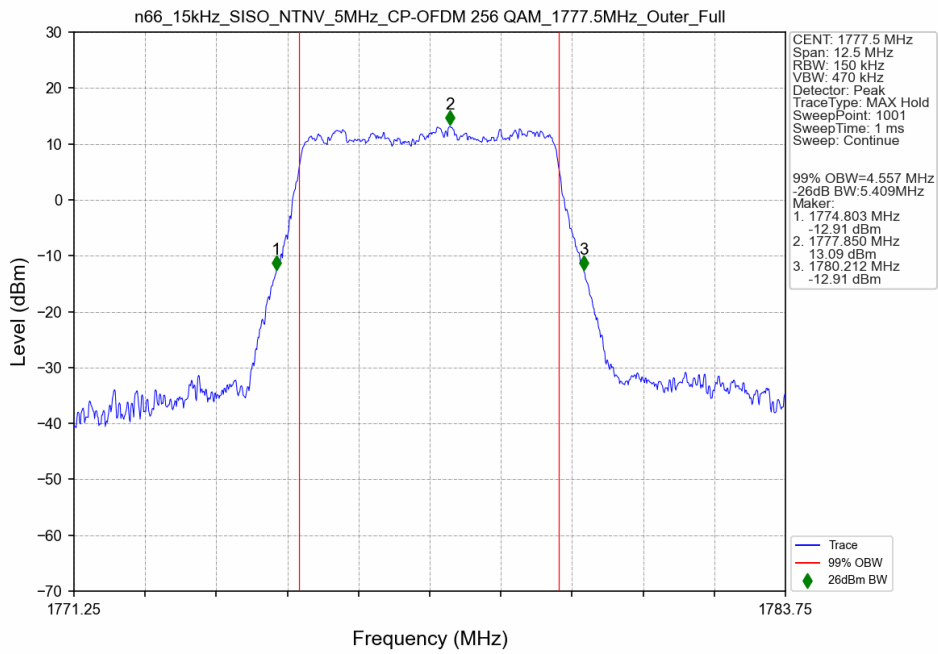


n66 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1712.5MHz Outer Full Ant2

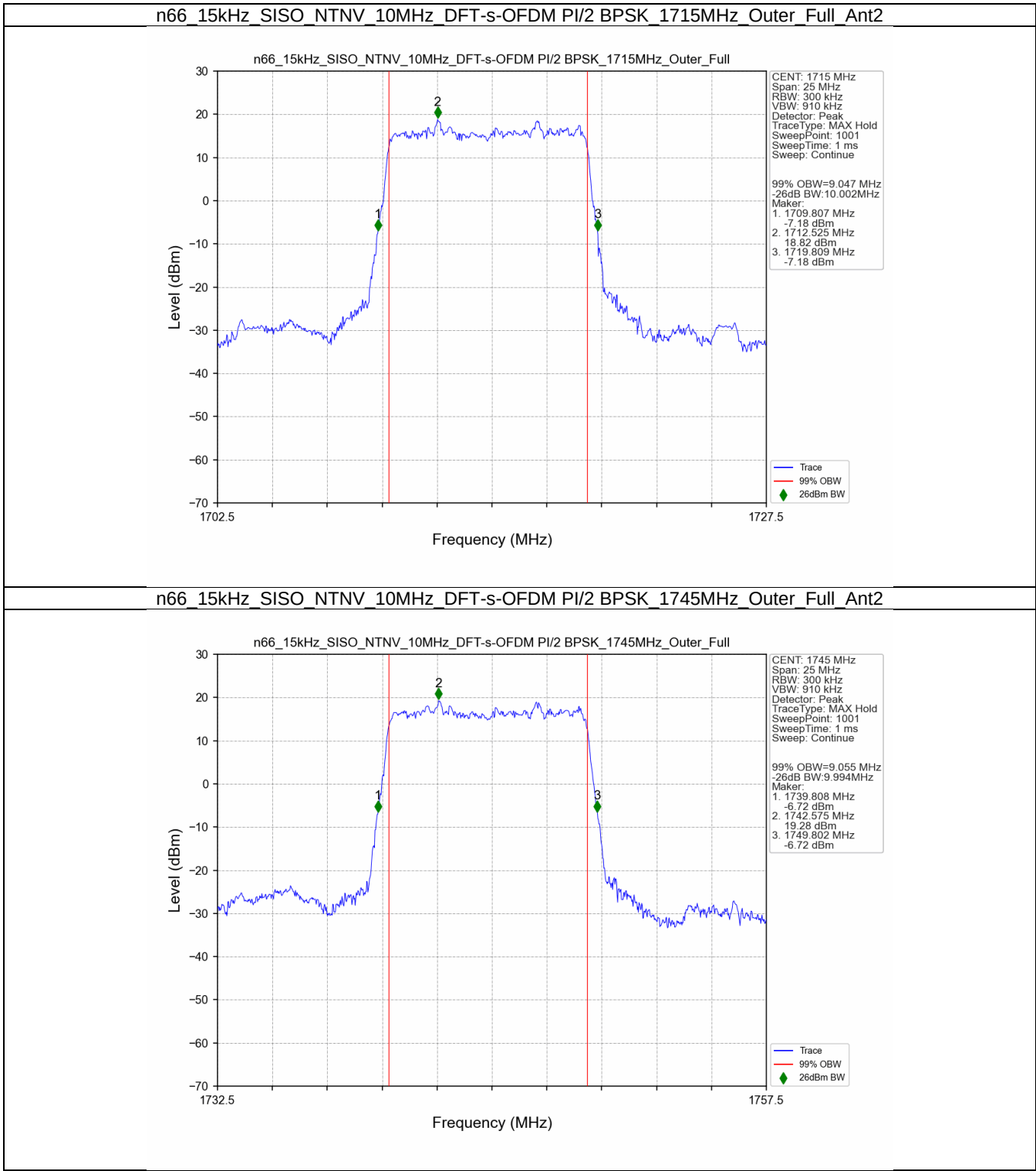


n66 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1745MHz Outer Full Ant2

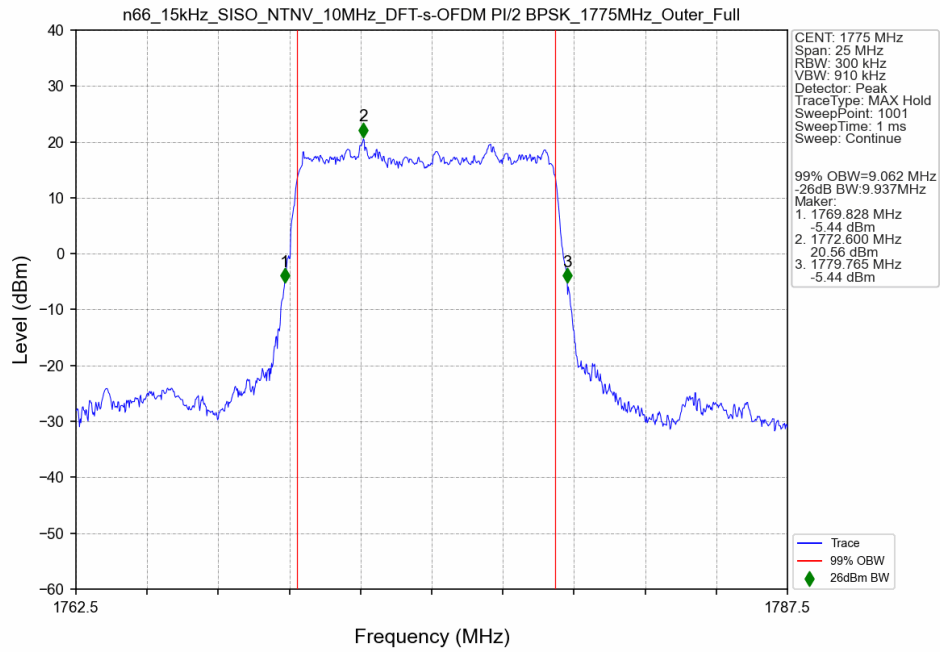




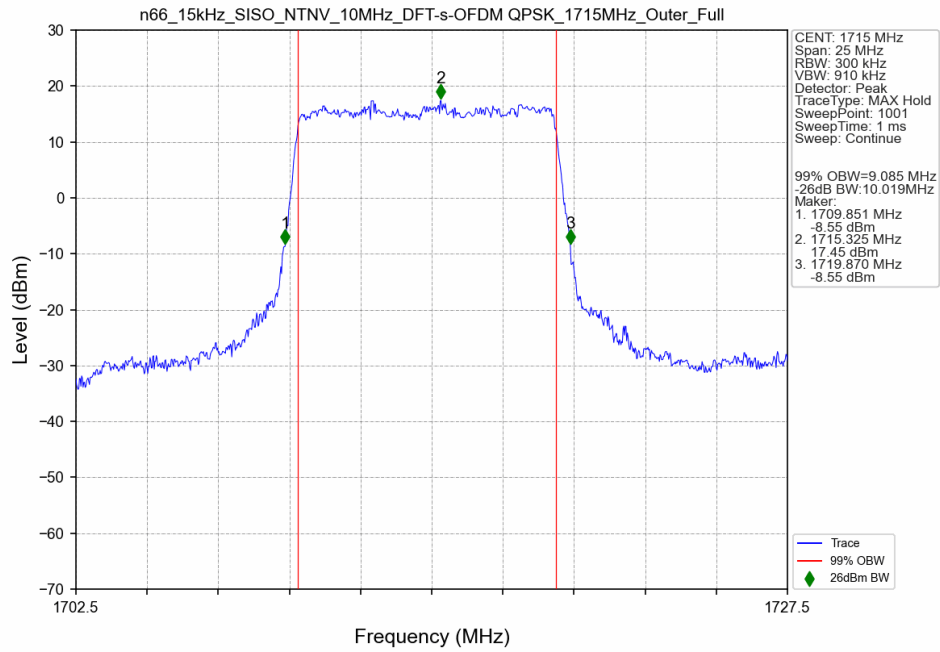
3.2.2 15k_SISO_10MHz_NTNV



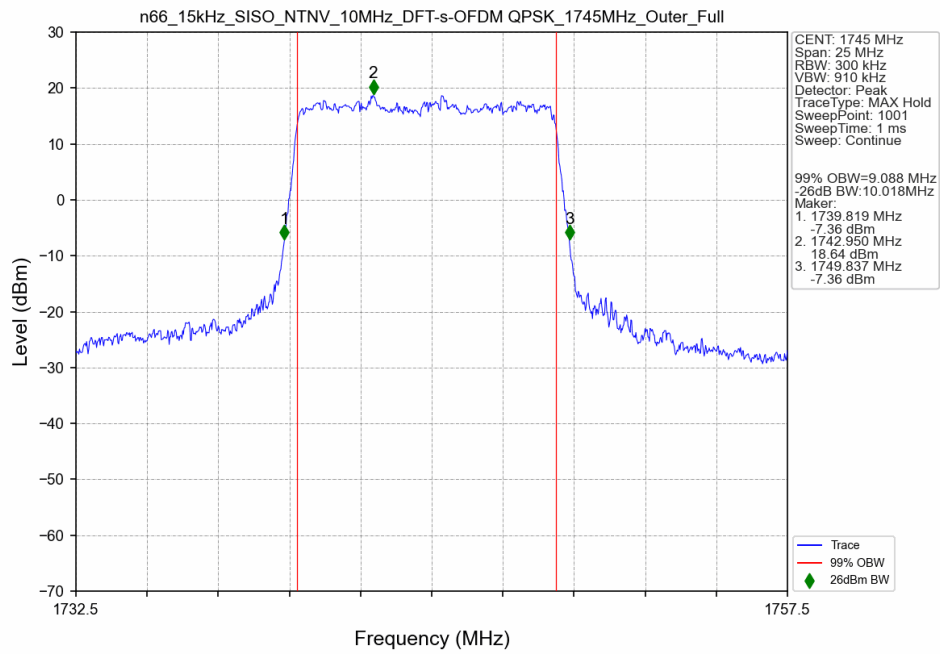
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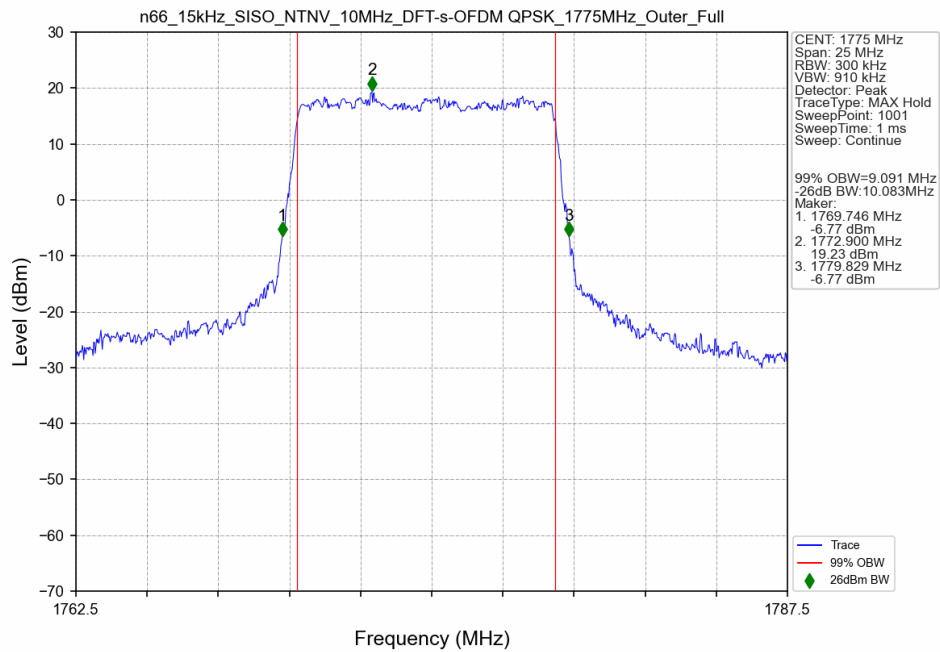
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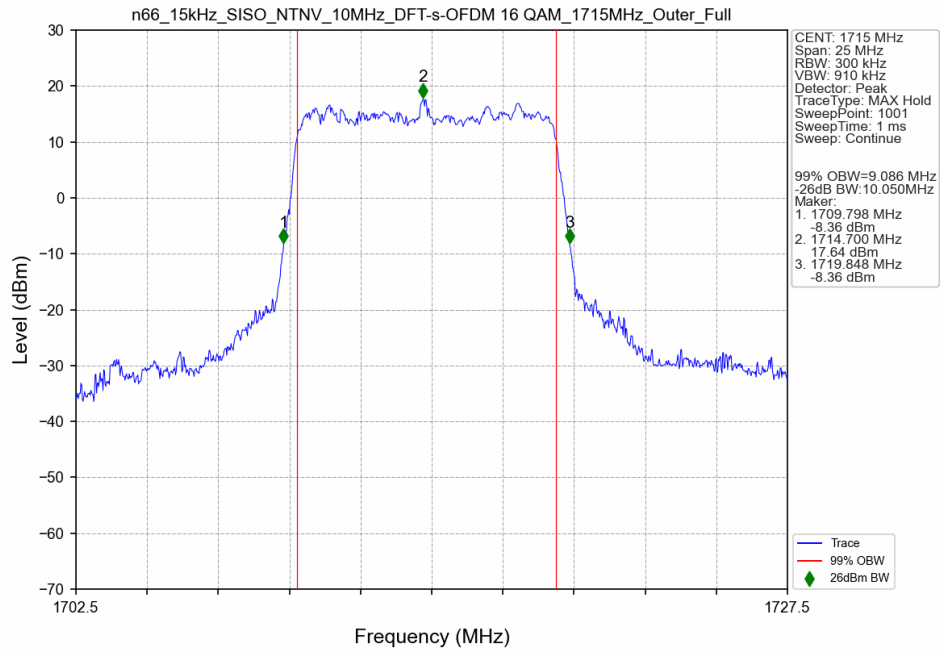
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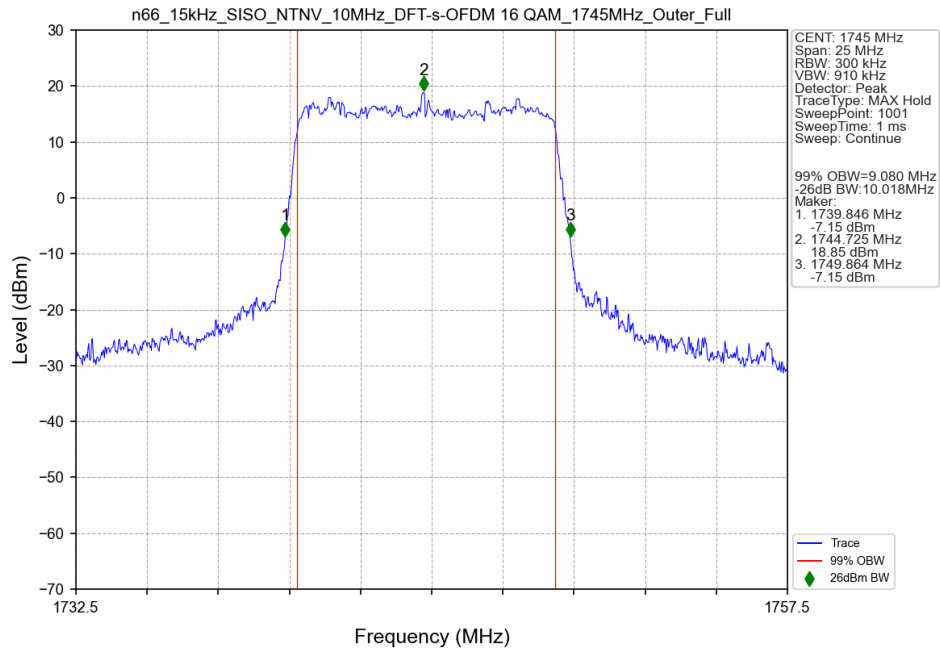
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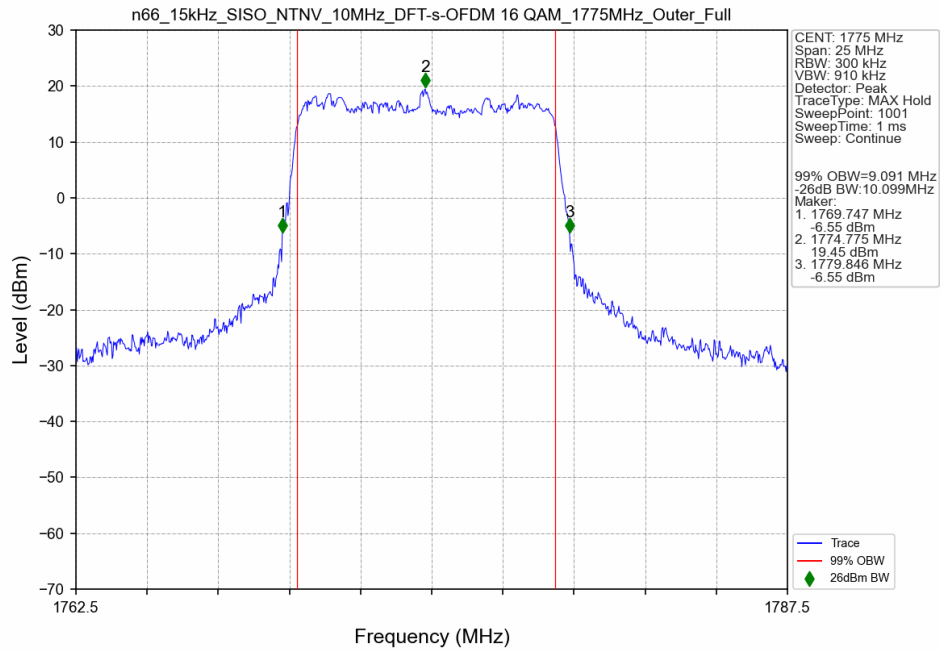
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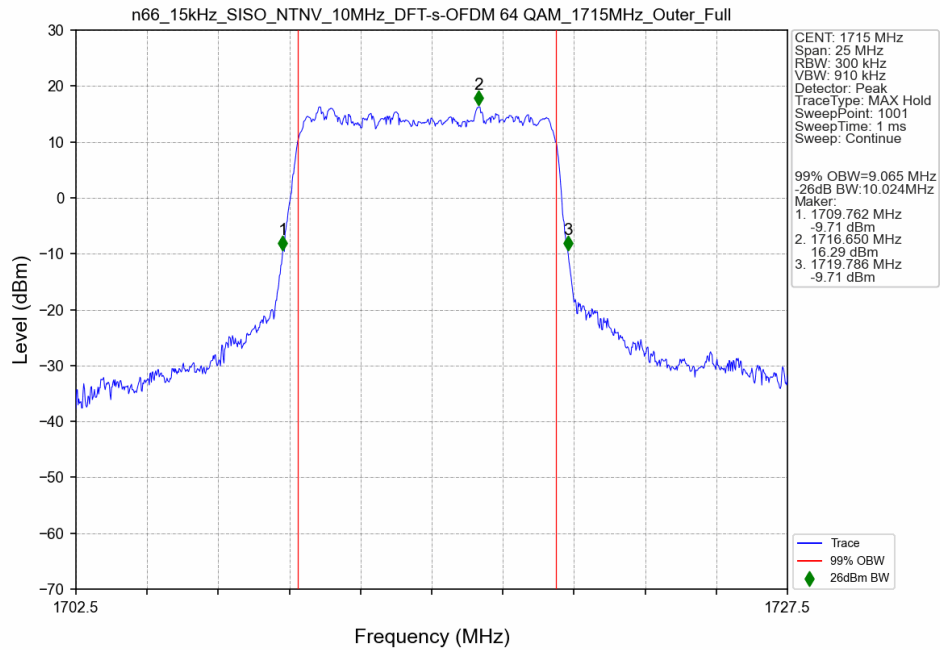
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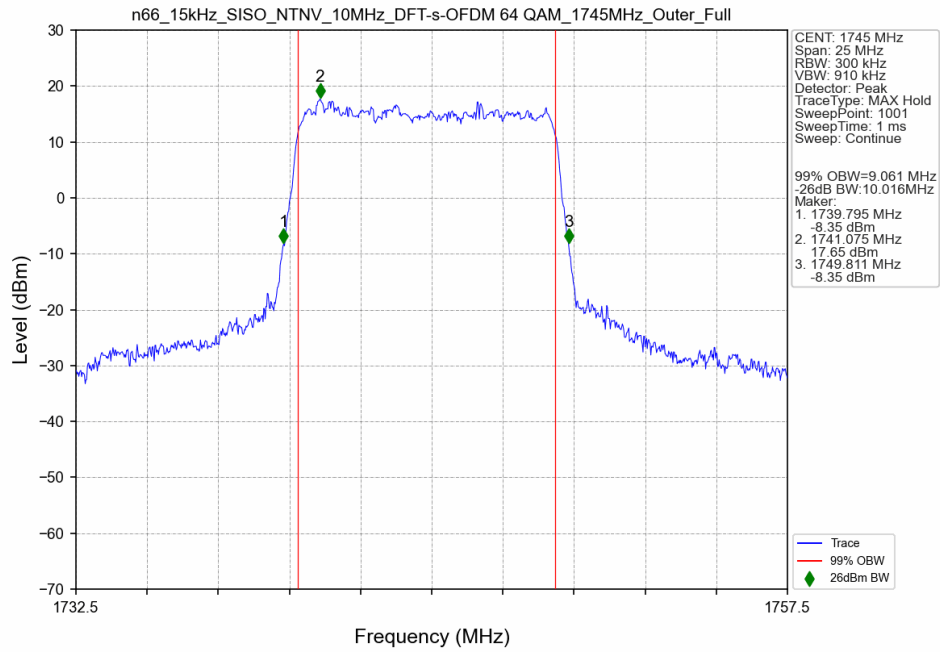
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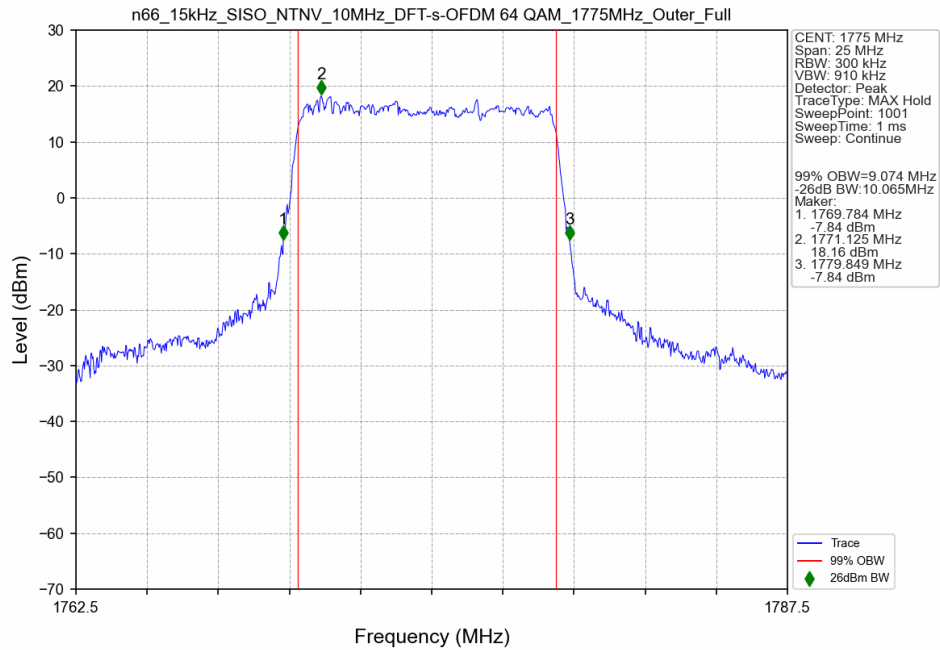
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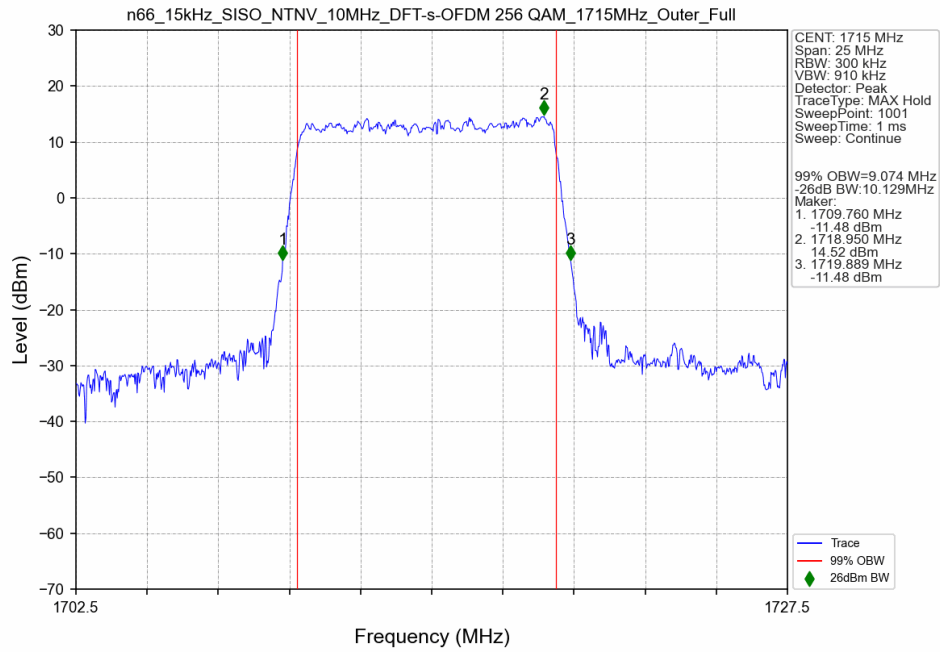
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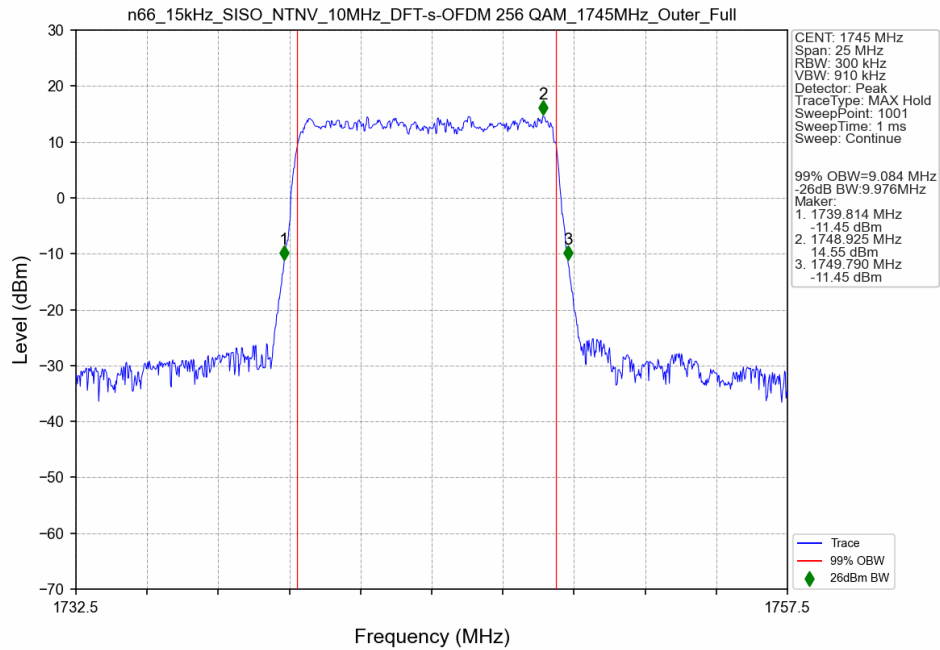
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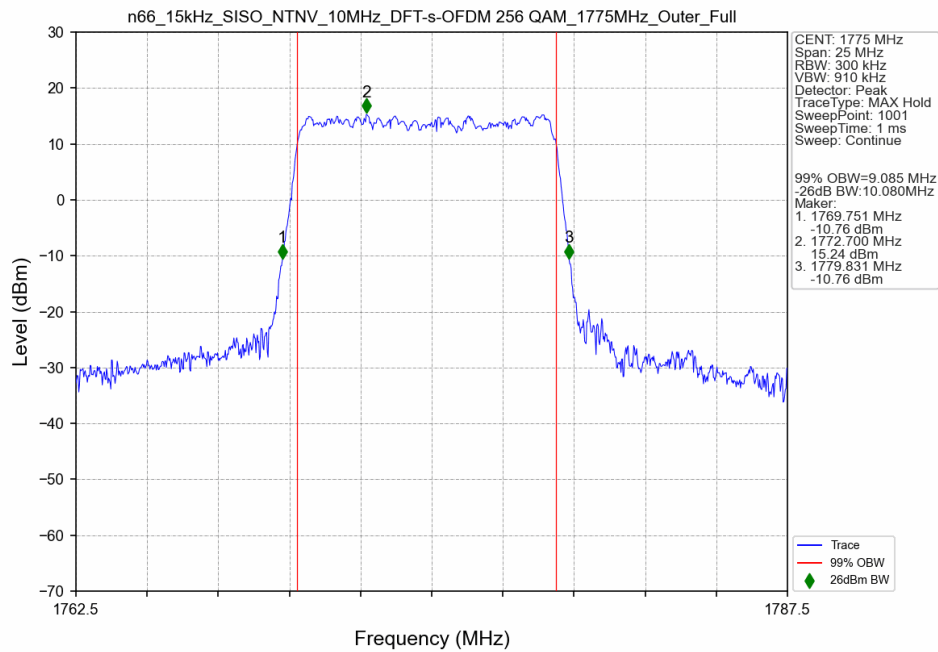
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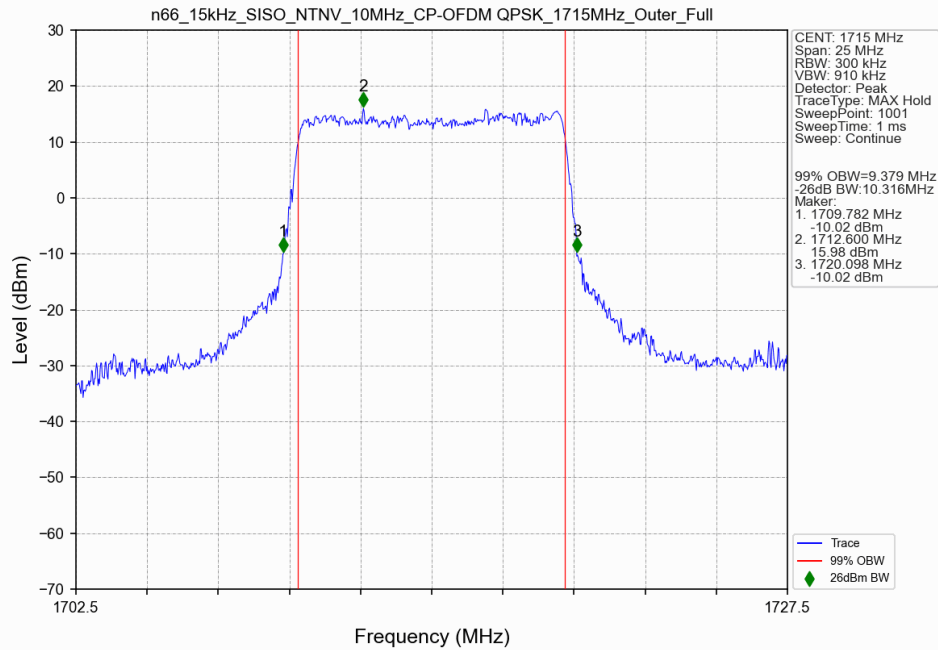
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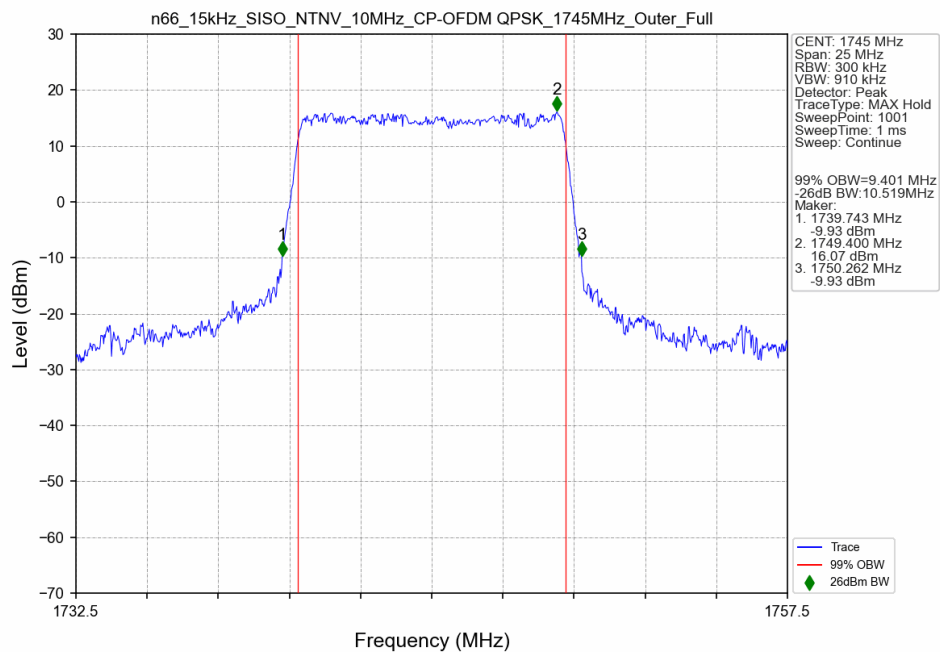
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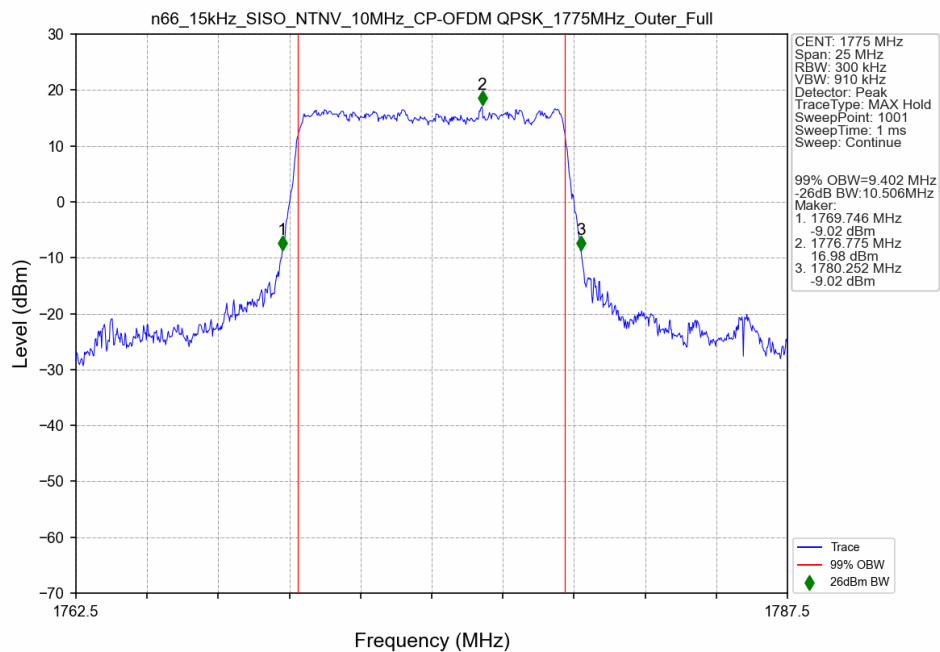
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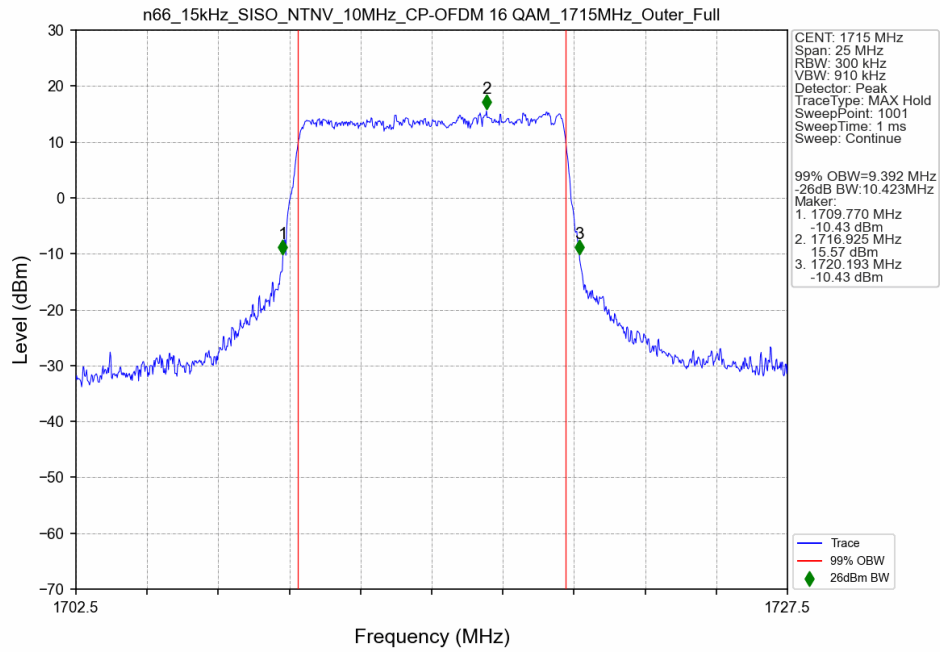
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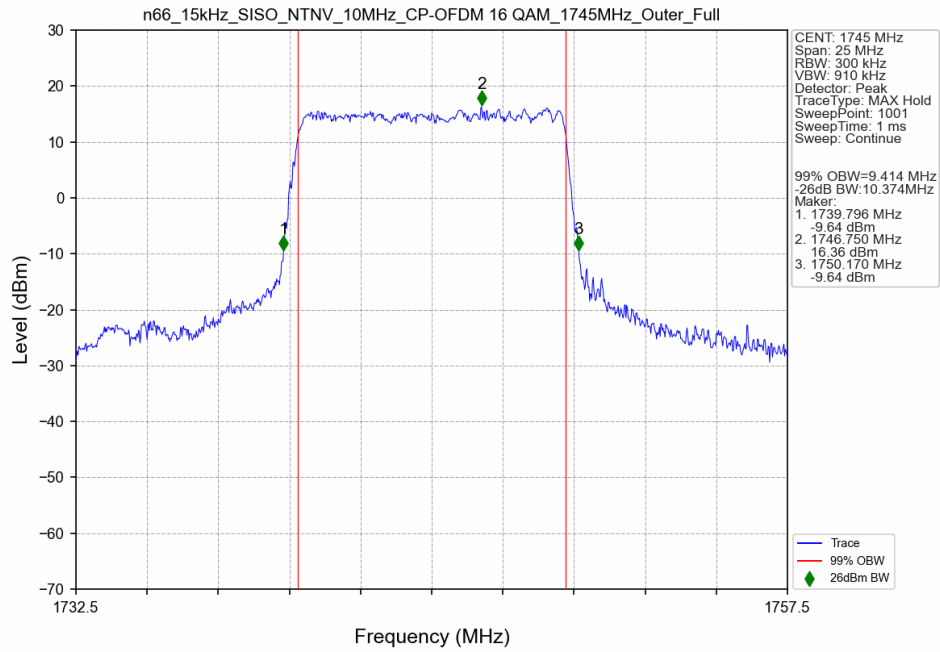
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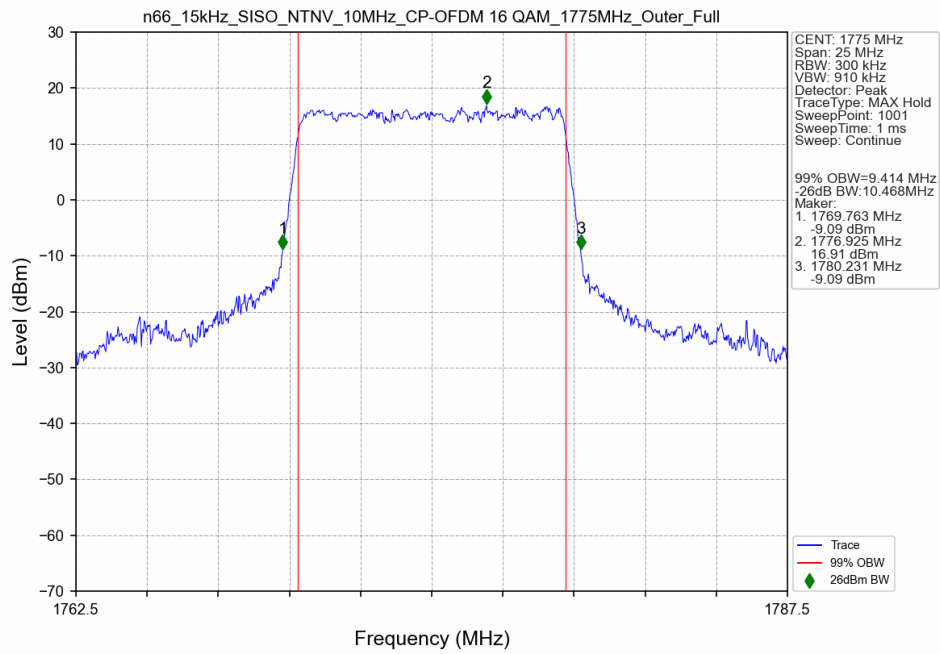
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n66_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_1745MHz_Outer_Full_Ant2



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_1775MHz_Outer_Full_Ant2



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_1715MHz_Outer_Full_Ant2

