

1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_5MHz_NTNV_EIRP

1.1.1 Test Result

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	23.97	/	/	25.17	/	/	<=30	Pass
		Edge_1RB_Right	23.88	/	/	25.08	/	/	<=30	Pass
		Outer_Full	23.91	/	/	25.11	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	25.08	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.51	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Right	23.53	/	/	24.73	/	/	<=30	Pass
		Outer_Full	23.57	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.54	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	24.81	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	23.35	/	/	24.55	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	24.54	/	/	<=30	Pass
		Outer_Full	23.30	/	/	24.50	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.53	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	23.96	/	/	25.16	/	/	<=30	Pass
		Edge_1RB_Right	23.90	/	/	25.10	/	/	<=30	Pass
		Outer_Full	23.89	/	/	25.09	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.10	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.55	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	24.78	/	/	<=30	Pass
		Outer_Full	23.52	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.57	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	24.78	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	23.36	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	24.52	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.52	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	24.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge_1RB_Left	22.90	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.12	/	/	<=30	Pass
		Outer_Full	22.91	/	/	24.11	/	/	<=30	Pass
		Inner_Full	23.93	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	25.14	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.59	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	23.78	/	/	<=30	Pass
		Outer_Full	22.57	/	/	23.77	/	/	<=30	Pass
		Inner_Full	23.60	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	24.71	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	22.49	/	/	23.69	/	/	<=30	Pass

		Edge 1RB Right	22.41	/	/	23.61	/	/	<=30	Pass
		Outer Full	22.46	/	/	23.66	/	/	<=30	Pass
		Inner Full	23.44	/	/	24.64	/	/	<=30	Pass
		Inner 1RB Left	23.43	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Right	23.41	/	/	24.61	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge 1RB Left	22.59	/	/	23.79	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	23.80	/	/	<=30	Pass
		Outer Full	22.38	/	/	23.58	/	/	<=30	Pass
		Inner Full	22.43	/	/	23.63	/	/	<=30	Pass
		Inner 1RB Left	22.61	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Right	22.61	/	/	23.81	/	/	<=30	Pass
	1745	Edge 1RB Left	22.25	/	/	23.45	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	23.43	/	/	<=30	Pass
		Outer Full	22.08	/	/	23.28	/	/	<=30	Pass
		Inner Full	22.12	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	22.31	/	/	23.51	/	/	<=30	Pass
		Inner 1RB Right	22.27	/	/	23.47	/	/	<=30	Pass
	1777.5	Edge 1RB Left	22.06	/	/	23.26	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	23.22	/	/	<=30	Pass
		Outer Full	21.89	/	/	23.09	/	/	<=30	Pass
		Inner Full	21.94	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Left	22.13	/	/	23.33	/	/	<=30	Pass
		Inner 1RB Right	22.10	/	/	23.30	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge 1RB Left	19.92	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	19.82	/	/	21.02	/	/	<=30	Pass
		Outer Full	20.28	/	/	21.48	/	/	<=30	Pass
		Inner Full	20.38	/	/	21.58	/	/	<=30	Pass
		Inner 1RB Left	19.94	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Right	19.81	/	/	21.01	/	/	<=30	Pass
	1745	Edge 1RB Left	19.44	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	19.19	/	/	20.39	/	/	<=30	Pass
		Outer Full	19.73	/	/	20.93	/	/	<=30	Pass
		Inner Full	19.71	/	/	20.91	/	/	<=30	Pass
		Inner 1RB Left	19.21	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Right	19.24	/	/	20.44	/	/	<=30	Pass
	1777.5	Edge 1RB Left	19.30	/	/	20.50	/	/	<=30	Pass
		Edge 1RB Right	19.32	/	/	20.52	/	/	<=30	Pass
		Outer Full	19.79	/	/	20.99	/	/	<=30	Pass
		Inner Full	19.85	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Left	19.38	/	/	20.58	/	/	<=30	Pass
		Inner 1RB Right	19.31	/	/	20.51	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge 1RB Left	22.00	/	/	23.20	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	23.16	/	/	<=30	Pass
		Outer Full	21.91	/	/	23.11	/	/	<=30	Pass
		Inner Full	23.47	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Left	23.35	/	/	24.55	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	24.59	/	/	<=30	Pass
	1745	Edge 1RB Left	21.37	/	/	22.57	/	/	<=30	Pass
		Edge 1RB Right	21.25	/	/	22.45	/	/	<=30	Pass
		Outer Full	21.33	/	/	22.53	/	/	<=30	Pass
		Inner Full	22.96	/	/	24.16	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Right	22.68	/	/	23.88	/	/	<=30	Pass
	1777.5	Edge 1RB Left	21.34	/	/	22.54	/	/	<=30	Pass
		Edge 1RB Right	21.32	/	/	22.52	/	/	<=30	Pass
		Outer Full	21.37	/	/	22.57	/	/	<=30	Pass
		Inner Full	22.94	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Left	22.76	/	/	23.96	/	/	<=30	Pass
		Inner 1RB Right	22.99	/	/	24.19	/	/	<=30	Pass

CP-OFDM 16 QAM	1712.5	Edge_1RB_Left	21.94	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	23.10	/	/	<=30	Pass
		Outer_Full	21.88	/	/	23.08	/	/	<=30	Pass
		Inner_Full	22.83	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Right	22.92	/	/	24.12	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.28	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	22.45	/	/	<=30	Pass
		Outer_Full	21.21	/	/	22.41	/	/	<=30	Pass
		Inner_Full	22.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	23.63	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.35	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	22.53	/	/	<=30	Pass
		Outer_Full	21.38	/	/	22.58	/	/	<=30	Pass
		Inner_Full	22.31	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	23.59	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge_1RB_Left	21.42	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	22.66	/	/	<=30	Pass
		Outer_Full	21.41	/	/	22.61	/	/	<=30	Pass
		Inner_Full	21.39	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	22.55	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.83	/	/	22.03	/	/	<=30	Pass
		Edge_1RB_Right	20.81	/	/	22.01	/	/	<=30	Pass
		Outer_Full	20.80	/	/	22.00	/	/	<=30	Pass
		Inner_Full	20.76	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	20.81	/	/	22.01	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.98	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	22.14	/	/	<=30	Pass
		Outer_Full	20.88	/	/	22.08	/	/	<=30	Pass
		Inner_Full	20.93	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	22.09	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge_1RB_Left	17.99	/	/	19.19	/	/	<=30	Pass
		Edge_1RB_Right	18.02	/	/	19.22	/	/	<=30	Pass
		Outer_Full	18.46	/	/	19.66	/	/	<=30	Pass
		Inner_Full	18.52	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	18.02	/	/	19.22	/	/	<=30	Pass
		Inner_1RB_Right	17.90	/	/	19.10	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.33	/	/	18.53	/	/	<=30	Pass
		Edge_1RB_Right	17.28	/	/	18.48	/	/	<=30	Pass
		Outer_Full	17.76	/	/	18.96	/	/	<=30	Pass
		Inner_Full	17.79	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	17.34	/	/	18.54	/	/	<=30	Pass
		Inner_1RB_Right	17.26	/	/	18.46	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	17.57	/	/	18.77	/	/	<=30	Pass
		Edge_1RB_Right	17.56	/	/	18.76	/	/	<=30	Pass
		Outer_Full	17.85	/	/	19.05	/	/	<=30	Pass
		Inner_Full	17.90	/	/	19.10	/	/	<=30	Pass
		Inner_1RB_Left	17.51	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	17.43	/	/	18.63	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 15k_SISO_10MHz_NTNV_EIRP

1.2.1 Test Result

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	23.69	/	/	24.89	/	/	<=30	Pass
		Edge 1RB Right	23.59	/	/	24.79	/	/	<=30	Pass
		Outer Full	23.65	/	/	24.85	/	/	<=30	Pass
		Inner Full	23.70	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Left	23.67	/	/	24.87	/	/	<=30	Pass
		Inner 1RB Right	23.67	/	/	24.87	/	/	<=30	Pass
	1745	Edge 1RB Left	23.31	/	/	24.51	/	/	<=30	Pass
		Edge 1RB Right	23.26	/	/	24.46	/	/	<=30	Pass
		Outer Full	23.32	/	/	24.52	/	/	<=30	Pass
		Inner Full	23.36	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Left	23.36	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Right	23.29	/	/	24.49	/	/	<=30	Pass
	1775	Edge 1RB Left	23.43	/	/	24.63	/	/	<=30	Pass
		Edge 1RB Right	23.31	/	/	24.51	/	/	<=30	Pass
		Outer Full	23.49	/	/	24.69	/	/	<=30	Pass
		Inner Full	23.53	/	/	24.73	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	24.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge 1RB Left	23.76	/	/	24.96	/	/	<=30	Pass
		Edge 1RB Right	23.62	/	/	24.82	/	/	<=30	Pass
		Outer Full	23.73	/	/	24.93	/	/	<=30	Pass
		Inner Full	23.71	/	/	24.91	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Right	23.64	/	/	24.84	/	/	<=30	Pass
	1745	Edge 1RB Left	23.33	/	/	24.53	/	/	<=30	Pass
		Edge 1RB Right	23.35	/	/	24.55	/	/	<=30	Pass
		Outer Full	23.36	/	/	24.56	/	/	<=30	Pass
		Inner Full	23.35	/	/	24.55	/	/	<=30	Pass
		Inner 1RB Left	23.36	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Right	23.31	/	/	24.51	/	/	<=30	Pass
	1775	Edge 1RB Left	23.46	/	/	24.66	/	/	<=30	Pass
		Edge 1RB Right	23.35	/	/	24.55	/	/	<=30	Pass
		Outer Full	23.44	/	/	24.64	/	/	<=30	Pass
		Inner Full	23.49	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	23.40	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Right	23.40	/	/	24.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge 1RB Left	22.92	/	/	24.12	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	23.92	/	/	<=30	Pass
		Outer Full	22.75	/	/	23.95	/	/	<=30	Pass
		Inner Full	23.71	/	/	24.91	/	/	<=30	Pass
		Inner 1RB Left	23.68	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Right	23.64	/	/	24.84	/	/	<=30	Pass
	1745	Edge 1RB Left	22.41	/	/	23.61	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	23.57	/	/	<=30	Pass
		Outer Full	22.37	/	/	23.57	/	/	<=30	Pass
		Inner Full	23.44	/	/	24.64	/	/	<=30	Pass
		Inner 1RB Left	23.32	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Right	23.32	/	/	24.52	/	/	<=30	Pass
	1775	Edge 1RB Left	22.46	/	/	23.66	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	23.48	/	/	<=30	Pass
		Outer Full	22.46	/	/	23.66	/	/	<=30	Pass
		Inner Full	23.47	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Left	23.47	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Right	23.32	/	/	24.52	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	1715	Edge_1RB_Left	22.31	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	23.53	/	/	<=30	Pass
		Outer_Full	22.29	/	/	23.49	/	/	<=30	Pass
		Inner_Full	22.21	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	23.60	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.04	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.20	/	/	<=30	Pass
		Outer_Full	21.88	/	/	23.08	/	/	<=30	Pass
		Inner_Full	21.91	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	22.05	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	23.18	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.08	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.24	/	/	<=30	Pass
		Outer_Full	21.98	/	/	23.18	/	/	<=30	Pass
		Inner_Full	22.00	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	23.28	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge_1RB_Left	19.69	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	19.56	/	/	20.76	/	/	<=30	Pass
		Outer_Full	20.15	/	/	21.35	/	/	<=30	Pass
		Inner_Full	20.12	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	20.75	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.21	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	19.26	/	/	20.46	/	/	<=30	Pass
		Outer_Full	19.83	/	/	21.03	/	/	<=30	Pass
		Inner_Full	19.73	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	19.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	19.23	/	/	20.43	/	/	<=30	Pass
	1775	Edge_1RB_Left	19.40	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	19.22	/	/	20.42	/	/	<=30	Pass
		Outer_Full	19.98	/	/	21.18	/	/	<=30	Pass
		Inner_Full	19.90	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	19.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	20.54	/	/	<=30	Pass
CP-OFDM QPSK	1715	Edge_1RB_Left	21.69	/	/	22.89	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	22.93	/	/	<=30	Pass
		Outer_Full	21.72	/	/	22.92	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	24.23	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.28	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	22.43	/	/	<=30	Pass
		Outer_Full	21.35	/	/	22.55	/	/	<=30	Pass
		Inner_Full	22.82	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	23.94	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.42	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	22.43	/	/	<=30	Pass
		Outer_Full	21.54	/	/	22.74	/	/	<=30	Pass
		Inner_Full	22.93	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	23.97	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge_1RB_Left	21.65	/	/	22.85	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	22.92	/	/	<=30	Pass
		Outer_Full	21.66	/	/	22.86	/	/	<=30	Pass
		Inner_Full	22.71	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	23.90	/	/	<=30	Pass

		Inner 1RB Right	22.75	/	/	23.95	/	/	<=30	Pass	
		Edge 1RB Left	21.34	/	/	22.54	/	/	<=30	Pass	
		Edge 1RB Right	21.19	/	/	22.39	/	/	<=30	Pass	
		Outer_Full	21.30	/	/	22.50	/	/	<=30	Pass	
		Inner_Full	22.42	/	/	23.62	/	/	<=30	Pass	
		Inner 1RB Left	22.38	/	/	23.58	/	/	<=30	Pass	
		Inner 1RB Right	22.41	/	/	23.61	/	/	<=30	Pass	
		Edge 1RB Left	21.43	/	/	22.63	/	/	<=30	Pass	
		Edge 1RB Right	21.42	/	/	22.62	/	/	<=30	Pass	
		Outer_Full	21.37	/	/	22.57	/	/	<=30	Pass	
		Inner_Full	22.53	/	/	23.73	/	/	<=30	Pass	
		Inner 1RB Left	22.51	/	/	23.71	/	/	<=30	Pass	
		Inner 1RB Right	22.42	/	/	23.62	/	/	<=30	Pass	
		Edge 1RB Left	21.12	/	/	22.32	/	/	<=30	Pass	
Edge 1RB Right	21.13	/	/	22.33	/	/	<=30	Pass			
CP-OFDM 64 QAM	1715	Outer_Full	21.21	/	/	22.41	/	/	<=30	Pass	
		Inner_Full	21.17	/	/	22.37	/	/	<=30	Pass	
		Inner 1RB Left	21.11	/	/	22.31	/	/	<=30	Pass	
		Inner 1RB Right	21.17	/	/	22.37	/	/	<=30	Pass	
		Edge 1RB Left	20.91	/	/	22.11	/	/	<=30	Pass	
		Edge 1RB Right	20.85	/	/	22.05	/	/	<=30	Pass	
	1745	Outer_Full	20.89	/	/	22.09	/	/	<=30	Pass	
		Inner_Full	20.83	/	/	22.03	/	/	<=30	Pass	
		Inner 1RB Left	20.85	/	/	22.05	/	/	<=30	Pass	
		Inner 1RB Right	20.88	/	/	22.08	/	/	<=30	Pass	
		Edge 1RB Left	20.83	/	/	22.03	/	/	<=30	Pass	
		Edge 1RB Right	20.95	/	/	22.15	/	/	<=30	Pass	
	1775	Outer_Full	21.00	/	/	22.20	/	/	<=30	Pass	
		Inner_Full	21.00	/	/	22.20	/	/	<=30	Pass	
		Inner 1RB Left	20.89	/	/	22.09	/	/	<=30	Pass	
		Inner 1RB Right	20.96	/	/	22.16	/	/	<=30	Pass	
		Edge 1RB Left	17.77	/	/	18.97	/	/	<=30	Pass	
		Edge 1RB Right	17.57	/	/	18.77	/	/	<=30	Pass	
CP-OFDM 256 QAM	1715	Outer_Full	18.16	/	/	19.36	/	/	<=30	Pass	
		Inner_Full	18.21	/	/	19.41	/	/	<=30	Pass	
		Inner 1RB Left	17.84	/	/	19.04	/	/	<=30	Pass	
		Inner 1RB Right	17.64	/	/	18.84	/	/	<=30	Pass	
		Edge 1RB Left	17.31	/	/	18.51	/	/	<=30	Pass	
		Edge 1RB Right	17.30	/	/	18.50	/	/	<=30	Pass	
	1745	Outer_Full	17.73	/	/	18.93	/	/	<=30	Pass	
		Inner_Full	17.88	/	/	19.08	/	/	<=30	Pass	
		Inner 1RB Left	17.41	/	/	18.61	/	/	<=30	Pass	
		Inner 1RB Right	17.33	/	/	18.53	/	/	<=30	Pass	
		Edge 1RB Left	17.62	/	/	18.82	/	/	<=30	Pass	
		Edge 1RB Right	17.47	/	/	18.67	/	/	<=30	Pass	
	1775	Outer_Full	17.94	/	/	19.14	/	/	<=30	Pass	
		Inner_Full	17.95	/	/	19.15	/	/	<=30	Pass	
		Inner 1RB Left	17.59	/	/	18.79	/	/	<=30	Pass	
		Inner 1RB Right	17.47	/	/	18.67	/	/	<=30	Pass	
		Note1: Antenna Gain: Ant2: 1.20dBi;									
		Note2: EIRP=Conducted Power+Antenna Gain									

1.3 15k_SISO_15MHz_NTNV_EIRP

1.3.1 Test Result

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	24.02	/	/	25.22	/	/	<=30	Pass
		Edge_1RB_Right	23.93	/	/	25.13	/	/	<=30	Pass
		Outer_Full	24.06	/	/	25.26	/	/	<=30	Pass
		Inner_Full	24.08	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	25.06	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.76	/	/	24.96	/	/	<=30	Pass
		Edge_1RB_Right	23.81	/	/	25.01	/	/	<=30	Pass
		Outer_Full	23.71	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.69	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	24.93	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.78	/	/	24.98	/	/	<=30	Pass
		Edge_1RB_Right	23.77	/	/	24.97	/	/	<=30	Pass
		Outer_Full	23.75	/	/	24.95	/	/	<=30	Pass
		Inner_Full	23.75	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	24.92	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	24.11	/	/	25.31	/	/	<=30	Pass
		Edge_1RB_Right	23.95	/	/	25.15	/	/	<=30	Pass
		Outer_Full	24.02	/	/	25.22	/	/	<=30	Pass
		Inner_Full	24.03	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	25.34	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.77	/	/	24.97	/	/	<=30	Pass
		Edge_1RB_Right	23.77	/	/	24.97	/	/	<=30	Pass
		Outer_Full	23.78	/	/	24.98	/	/	<=30	Pass
		Inner_Full	23.74	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	24.92	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.77	/	/	24.97	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	24.90	/	/	<=30	Pass
		Outer_Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner_Full	23.77	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	24.89	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	23.04	/	/	24.24	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	24.08	/	/	<=30	Pass
		Outer_Full	23.05	/	/	24.25	/	/	<=30	Pass
		Inner_Full	24.09	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	25.18	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.80	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.81	/	/	24.01	/	/	<=30	Pass
		Inner_Full	23.75	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	24.97	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.88	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	23.95	/	/	<=30	Pass
		Outer_Full	22.79	/	/	23.99	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	24.90	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Edge_1RB_Left	22.88	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.59	/	/	23.79	/	/	<=30	Pass

		Inner_Full	22.58	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	23.89	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.43	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.55	/	/	<=30	Pass
		Outer_Full	22.30	/	/	23.50	/	/	<=30	Pass
		Inner_Full	22.31	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	23.60	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.63	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.65	/	/	<=30	Pass
		Outer_Full	22.27	/	/	23.47	/	/	<=30	Pass
		Inner_Full	22.26	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	23.67	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1717.5	Edge_1RB_Left	19.93	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	21.07	/	/	<=30	Pass
		Outer_Full	20.47	/	/	21.67	/	/	<=30	Pass
		Inner_Full	20.41	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	19.90	/	/	21.10	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.72	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	20.92	/	/	<=30	Pass
		Outer_Full	20.20	/	/	21.40	/	/	<=30	Pass
		Inner_Full	20.10	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	19.68	/	/	20.88	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	19.76	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	20.84	/	/	<=30	Pass
		Outer_Full	20.20	/	/	21.40	/	/	<=30	Pass
		Inner_Full	20.21	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	20.83	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	22.05	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	23.14	/	/	<=30	Pass
		Outer_Full	22.09	/	/	23.29	/	/	<=30	Pass
		Inner_Full	23.50	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.52	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.57	/	/	22.77	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	22.94	/	/	<=30	Pass
		Outer_Full	21.76	/	/	22.96	/	/	<=30	Pass
		Inner_Full	23.19	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	24.32	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.88	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	22.98	/	/	<=30	Pass
		Outer_Full	21.74	/	/	22.94	/	/	<=30	Pass
		Inner_Full	23.12	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	24.46	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Edge_1RB_Left	21.86	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	23.21	/	/	<=30	Pass
		Outer_Full	22.01	/	/	23.21	/	/	<=30	Pass
		Inner_Full	23.07	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	24.31	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.85	/	/	23.05	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	23.07	/	/	<=30	Pass

		Outer_Full	21.68	/	/	22.88	/	/	<=30	Pass
		Inner_Full	22.79	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	24.06	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.79	/	/	22.99	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	22.91	/	/	<=30	Pass
		Outer_Full	21.68	/	/	22.88	/	/	<=30	Pass
		Inner_Full	22.85	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	24.09	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.58	/	/	22.78	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	22.64	/	/	<=30	Pass
		Outer_Full	21.49	/	/	22.69	/	/	<=30	Pass
		Inner_Full	21.56	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Right	21.46	/	/	22.66	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.32	/	/	22.52	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	22.54	/	/	<=30	Pass
		Outer_Full	21.23	/	/	22.43	/	/	<=30	Pass
		Inner_Full	21.20	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	21.20	/	/	22.40	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.45	/	/	22.65	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	22.54	/	/	<=30	Pass
		Outer_Full	21.24	/	/	22.44	/	/	<=30	Pass
		Inner_Full	21.25	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	22.58	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	18.07	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	17.94	/	/	19.14	/	/	<=30	Pass
		Outer_Full	18.47	/	/	19.67	/	/	<=30	Pass
		Inner_Full	18.52	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	18.02	/	/	19.22	/	/	<=30	Pass
		Inner_1RB_Right	17.91	/	/	19.11	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.80	/	/	19.00	/	/	<=30	Pass
		Edge_1RB_Right	17.68	/	/	18.88	/	/	<=30	Pass
		Outer_Full	18.21	/	/	19.41	/	/	<=30	Pass
		Inner_Full	18.20	/	/	19.40	/	/	<=30	Pass
		Inner_1RB_Left	17.70	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	17.72	/	/	18.92	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	17.77	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	17.71	/	/	18.91	/	/	<=30	Pass
		Outer_Full	18.14	/	/	19.34	/	/	<=30	Pass
		Inner_Full	18.14	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Left	17.84	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Right	17.80	/	/	19.00	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.4 15k_SISO_20MHz_NTNV_EIRP

1.4.1 Test Result

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	1720	Edge_1RB_Left	24.01	/	/	25.21	/	/	<=30	Pass

BPSK		Edge 1RB Right	23.93	/	/	25.13	/	/	<=30	Pass
		Outer Full	24.00	/	/	25.20	/	/	<=30	Pass
		Inner Full	23.97	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	24.05	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Right	23.91	/	/	25.11	/	/	<=30	Pass
	1745	Edge 1RB Left	23.84	/	/	25.04	/	/	<=30	Pass
		Edge 1RB Right	23.72	/	/	24.92	/	/	<=30	Pass
		Outer Full	23.73	/	/	24.93	/	/	<=30	Pass
		Inner Full	23.75	/	/	24.95	/	/	<=30	Pass
		Inner 1RB Left	23.82	/	/	25.02	/	/	<=30	Pass
	1770	Inner 1RB Right	23.75	/	/	24.95	/	/	<=30	Pass
		Edge 1RB Left	23.71	/	/	24.91	/	/	<=30	Pass
		Edge 1RB Right	23.76	/	/	24.96	/	/	<=30	Pass
		Outer Full	23.83	/	/	25.03	/	/	<=30	Pass
		Inner Full	23.80	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM QPSK		Inner 1RB Left	23.75	/	/	24.95	/	/	<=30	Pass
		Inner 1RB Right	23.69	/	/	24.89	/	/	<=30	Pass
	1720	Edge 1RB Left	24.06	/	/	25.26	/	/	<=30	Pass
		Edge 1RB Right	23.87	/	/	25.07	/	/	<=30	Pass
		Outer Full	23.96	/	/	25.16	/	/	<=30	Pass
		Inner Full	24.00	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	24.09	/	/	25.29	/	/	<=30	Pass
	1745	Inner 1RB Right	23.87	/	/	25.07	/	/	<=30	Pass
		Edge 1RB Left	23.76	/	/	24.96	/	/	<=30	Pass
		Edge 1RB Right	23.76	/	/	24.96	/	/	<=30	Pass
		Outer Full	23.75	/	/	24.95	/	/	<=30	Pass
		Inner Full	23.70	/	/	24.90	/	/	<=30	Pass
	1770	Inner 1RB Left	23.79	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Right	23.73	/	/	24.93	/	/	<=30	Pass
		Edge 1RB Left	23.73	/	/	24.93	/	/	<=30	Pass
		Edge 1RB Right	23.68	/	/	24.88	/	/	<=30	Pass
		Outer Full	23.82	/	/	25.02	/	/	<=30	Pass
DFT-s-OFDM 16 QAM		Inner Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner 1RB Left	23.77	/	/	24.97	/	/	<=30	Pass
		Inner 1RB Right	23.75	/	/	24.95	/	/	<=30	Pass
	1720	Edge 1RB Left	23.07	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Right	22.89	/	/	24.09	/	/	<=30	Pass
		Outer Full	22.98	/	/	24.18	/	/	<=30	Pass
		Inner Full	24.00	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	24.06	/	/	25.26	/	/	<=30	Pass
	1745	Inner 1RB Right	23.91	/	/	25.11	/	/	<=30	Pass
		Edge 1RB Left	22.73	/	/	23.93	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	23.95	/	/	<=30	Pass
		Outer Full	22.73	/	/	23.93	/	/	<=30	Pass
		Inner Full	23.78	/	/	24.98	/	/	<=30	Pass
	1770	Inner 1RB Left	23.70	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Right	23.71	/	/	24.91	/	/	<=30	Pass
		Edge 1RB Left	22.70	/	/	23.90	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	23.87	/	/	<=30	Pass
		Outer Full	22.73	/	/	23.93	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1720	Inner Full	23.84	/	/	25.04	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Right	23.61	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Left	22.70	/	/	23.90	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	23.83	/	/	<=30	Pass
		Outer Full	22.55	/	/	23.75	/	/	<=30	Pass
		Inner Full	22.44	/	/	23.64	/	/	<=30	Pass
		Inner 1RB Left	22.83	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Right	22.59	/	/	23.79	/	/	<=30	Pass

	1745	Edge_1RB_Left	22.50	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.60	/	/	<=30	Pass
		Outer_Full	22.28	/	/	23.48	/	/	<=30	Pass
		Inner_Full	22.24	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	23.62	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.46	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.64	/	/	<=30	Pass
		Outer_Full	22.37	/	/	23.57	/	/	<=30	Pass
		Inner_Full	22.32	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	23.67	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Edge_1RB_Left	20.02	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	21.04	/	/	<=30	Pass
		Outer_Full	20.42	/	/	21.62	/	/	<=30	Pass
		Inner_Full	20.55	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	20.03	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	21.04	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.77	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	20.90	/	/	<=30	Pass
		Outer_Full	20.26	/	/	21.46	/	/	<=30	Pass
		Inner_Full	20.15	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	19.72	/	/	20.92	/	/	<=30	Pass
	1770	Edge_1RB_Left	19.73	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	20.91	/	/	<=30	Pass
		Outer_Full	20.25	/	/	21.45	/	/	<=30	Pass
		Inner_Full	20.26	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	19.72	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	19.72	/	/	20.92	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge_1RB_Left	21.87	/	/	23.07	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	23.23	/	/	<=30	Pass
		Outer_Full	21.92	/	/	23.12	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	24.83	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.90	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	22.90	/	/	<=30	Pass
		Outer_Full	21.76	/	/	22.96	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	24.35	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.75	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	22.91	/	/	<=30	Pass
		Outer_Full	21.83	/	/	23.03	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	24.25	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Edge_1RB_Left	22.02	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	23.05	/	/	<=30	Pass
		Outer_Full	21.90	/	/	23.10	/	/	<=30	Pass
		Inner_Full	22.87	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	24.15	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.69	/	/	22.89	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	22.93	/	/	<=30	Pass
		Outer_Full	21.70	/	/	22.90	/	/	<=30	Pass
		Inner_Full	22.74	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	24.09	/	/	<=30	Pass

	1770	Inner 1RB Right	22.75	/	/	23.95	/	/	<=30	Pass
		Edge 1RB Left	21.78	/	/	22.98	/	/	<=30	Pass
		Edge 1RB Right	21.62	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.64	/	/	22.84	/	/	<=30	Pass
		Inner_Full	22.81	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Left	22.91	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Right	22.58	/	/	23.78	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Edge 1RB Left	21.62	/	/	22.82	/	/	<=30	Pass
		Edge 1RB Right	21.47	/	/	22.67	/	/	<=30	Pass
		Outer_Full	21.46	/	/	22.66	/	/	<=30	Pass
		Inner_Full	21.47	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Left	21.58	/	/	22.78	/	/	<=30	Pass
		Inner 1RB Right	21.31	/	/	22.51	/	/	<=30	Pass
	1745	Edge 1RB Left	21.35	/	/	22.55	/	/	<=30	Pass
		Edge 1RB Right	21.33	/	/	22.53	/	/	<=30	Pass
		Outer_Full	21.23	/	/	22.43	/	/	<=30	Pass
		Inner_Full	21.23	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Left	21.26	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Right	21.19	/	/	22.39	/	/	<=30	Pass
	1770	Edge 1RB Left	21.36	/	/	22.56	/	/	<=30	Pass
		Edge 1RB Right	21.30	/	/	22.50	/	/	<=30	Pass
		Outer_Full	21.30	/	/	22.50	/	/	<=30	Pass
		Inner_Full	21.25	/	/	22.45	/	/	<=30	Pass
		Inner 1RB Left	21.23	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Right	21.24	/	/	22.44	/	/	<=30	Pass
CP-OFDM 256 QAM	1720	Edge 1RB Left	18.09	/	/	19.29	/	/	<=30	Pass
		Edge 1RB Right	18.00	/	/	19.20	/	/	<=30	Pass
		Outer_Full	18.58	/	/	19.78	/	/	<=30	Pass
		Inner_Full	18.54	/	/	19.74	/	/	<=30	Pass
		Inner 1RB Left	18.11	/	/	19.31	/	/	<=30	Pass
		Inner 1RB Right	17.84	/	/	19.04	/	/	<=30	Pass
	1745	Edge 1RB Left	17.90	/	/	19.10	/	/	<=30	Pass
		Edge 1RB Right	17.86	/	/	19.06	/	/	<=30	Pass
		Outer_Full	18.25	/	/	19.45	/	/	<=30	Pass
		Inner_Full	18.17	/	/	19.37	/	/	<=30	Pass
		Inner 1RB Left	17.82	/	/	19.02	/	/	<=30	Pass
		Inner 1RB Right	17.70	/	/	18.90	/	/	<=30	Pass
	1770	Edge 1RB Left	17.74	/	/	18.94	/	/	<=30	Pass
		Edge 1RB Right	17.77	/	/	18.97	/	/	<=30	Pass
		Outer_Full	18.25	/	/	19.45	/	/	<=30	Pass
		Inner_Full	18.24	/	/	19.44	/	/	<=30	Pass
		Inner 1RB Left	17.77	/	/	18.97	/	/	<=30	Pass
		Inner 1RB Right	17.67	/	/	18.87	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.5 15k_SISO_25MHz_NTNV_EIRP

1.5.1 Test Result

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	24.23	/	/	25.43	/	/	<=30	Pass
		Edge 1RB Right	24.04	/	/	25.24	/	/	<=30	Pass
		Outer Full	23.93	/	/	25.13	/	/	<=30	Pass
		Inner Full	23.95	/	/	25.15	/	/	<=30	Pass

		Inner_1RB_Left	24.27	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.21	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.04	/	/	25.24	/	/	<=30	Pass
		Edge_1RB_Right	23.93	/	/	25.13	/	/	<=30	Pass
		Outer_Full	23.72	/	/	24.92	/	/	<=30	Pass
		Inner_Full	23.68	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	25.11	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	23.94	/	/	25.14	/	/	<=30	Pass
		Edge_1RB_Right	23.86	/	/	25.06	/	/	<=30	Pass
		Outer_Full	23.86	/	/	25.06	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	25.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	1722.5	Edge_1RB_Left	24.27	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	23.99	/	/	25.19	/	/	<=30	Pass
		Outer_Full	24.04	/	/	25.24	/	/	<=30	Pass
		Inner_Full	23.96	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Right	23.99	/	/	25.19	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.87	/	/	25.07	/	/	<=30	Pass
		Edge_1RB_Right	23.92	/	/	25.12	/	/	<=30	Pass
		Outer_Full	23.77	/	/	24.97	/	/	<=30	Pass
		Inner_Full	23.71	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.10	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	24.08	/	/	25.28	/	/	<=30	Pass
		Edge_1RB_Right	23.88	/	/	25.08	/	/	<=30	Pass
		Outer_Full	23.79	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.81	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	25.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1722.5	Edge_1RB_Left	23.30	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	24.10	/	/	<=30	Pass
		Outer_Full	23.05	/	/	24.25	/	/	<=30	Pass
		Inner_Full	23.94	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	25.12	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.96	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	24.06	/	/	<=30	Pass
		Outer_Full	22.72	/	/	23.92	/	/	<=30	Pass
		Inner_Full	23.76	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	25.17	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	23.06	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	24.07	/	/	<=30	Pass
		Outer_Full	22.74	/	/	23.94	/	/	<=30	Pass
		Inner_Full	23.71	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	25.05	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1722.5	Edge_1RB_Left	22.92	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	23.82	/	/	<=30	Pass
		Outer_Full	22.45	/	/	23.65	/	/	<=30	Pass
		Inner_Full	22.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	23.86	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.57	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.19	/	/	23.39	/	/	<=30	Pass

		Inner_Full	22.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	23.75	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	22.54	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	23.71	/	/	<=30	Pass
		Outer_Full	22.22	/	/	23.42	/	/	<=30	Pass
		Inner_Full	22.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	23.69	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1722.5	Edge_1RB_Left	20.13	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	21.05	/	/	<=30	Pass
		Outer_Full	20.42	/	/	21.62	/	/	<=30	Pass
		Inner_Full	20.40	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	20.13	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	19.90	/	/	21.10	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.84	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	21.01	/	/	<=30	Pass
		Outer_Full	20.14	/	/	21.34	/	/	<=30	Pass
		Inner_Full	20.14	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	19.77	/	/	20.97	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	19.85	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	20.99	/	/	<=30	Pass
		Outer_Full	20.27	/	/	21.47	/	/	<=30	Pass
		Inner_Full	20.18	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	20.96	/	/	<=30	Pass
CP-OFDM QPSK	1722.5	Edge_1RB_Left	22.29	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	23.22	/	/	<=30	Pass
		Outer_Full	22.01	/	/	23.21	/	/	<=30	Pass
		Inner_Full	23.65	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.69	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.97	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	23.13	/	/	<=30	Pass
		Outer_Full	21.73	/	/	22.93	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.50	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	21.93	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.04	/	/	<=30	Pass
		Outer_Full	21.78	/	/	22.98	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	24.86	/	/	<=30	Pass
CP-OFDM 16 QAM	1722.5	Edge_1RB_Left	22.30	/	/	23.50	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.20	/	/	<=30	Pass
		Outer_Full	21.96	/	/	23.16	/	/	<=30	Pass
		Inner_Full	22.99	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Right	23.10	/	/	24.30	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.82	/	/	23.02	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.04	/	/	<=30	Pass
		Outer_Full	21.68	/	/	22.88	/	/	<=30	Pass
		Inner_Full	22.77	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	24.20	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	21.82	/	/	23.02	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	23.13	/	/	<=30	Pass

		Outer_Full	21.79	/	/	22.99	/	/	<=30	Pass		
		Inner_Full	22.78	/	/	23.98	/	/	<=30	Pass		
		Inner_1RB_Left	22.82	/	/	24.02	/	/	<=30	Pass		
		Inner_1RB_Right	22.87	/	/	24.07	/	/	<=30	Pass		
CP-OFDM 64 QAM	1722.5	Edge_1RB_Left	21.72	/	/	22.92	/	/	<=30	Pass		
		Edge_1RB_Right	21.49	/	/	22.69	/	/	<=30	Pass		
		Outer_Full	21.43	/	/	22.63	/	/	<=30	Pass		
		Inner_Full	21.48	/	/	22.68	/	/	<=30	Pass		
		Inner_1RB_Left	21.75	/	/	22.95	/	/	<=30	Pass		
		Inner_1RB_Right	21.52	/	/	22.72	/	/	<=30	Pass		
		1745	Edge_1RB_Left	21.39	/	/	22.59	/	/	<=30	Pass	
			Edge_1RB_Right	21.43	/	/	22.63	/	/	<=30	Pass	
	Outer_Full		21.22	/	/	22.42	/	/	<=30	Pass		
	Inner_Full		21.13	/	/	22.33	/	/	<=30	Pass		
	Inner_1RB_Left		21.41	/	/	22.61	/	/	<=30	Pass		
	Inner_1RB_Right		21.43	/	/	22.63	/	/	<=30	Pass		
	1767.5		Edge_1RB_Left	21.36	/	/	22.56	/	/	<=30	Pass	
			Edge_1RB_Right	21.28	/	/	22.48	/	/	<=30	Pass	
		Outer_Full	21.26	/	/	22.46	/	/	<=30	Pass		
		Inner_Full	21.22	/	/	22.42	/	/	<=30	Pass		
		Inner_1RB_Left	21.38	/	/	22.58	/	/	<=30	Pass		
		Inner_1RB_Right	21.40	/	/	22.60	/	/	<=30	Pass		
		CP-OFDM 256 QAM	1722.5	Edge_1RB_Left	18.24	/	/	19.44	/	/	<=30	Pass
				Edge_1RB_Right	17.97	/	/	19.17	/	/	<=30	Pass
Outer_Full	18.44			/	/	19.64	/	/	<=30	Pass		
Inner_Full	18.47			/	/	19.67	/	/	<=30	Pass		
Inner_1RB_Left	18.37			/	/	19.57	/	/	<=30	Pass		
Inner_1RB_Right	18.06			/	/	19.26	/	/	<=30	Pass		
1745	Edge_1RB_Left		18.05	/	/	19.25	/	/	<=30	Pass		
	Edge_1RB_Right		17.98	/	/	19.18	/	/	<=30	Pass		
	Outer_Full		18.15	/	/	19.35	/	/	<=30	Pass		
	Inner_Full		18.22	/	/	19.42	/	/	<=30	Pass		
	Inner_1RB_Left		18.01	/	/	19.21	/	/	<=30	Pass		
	Inner_1RB_Right		17.93	/	/	19.13	/	/	<=30	Pass		
1767.5	Edge_1RB_Left		17.93	/	/	19.13	/	/	<=30	Pass		
	Edge_1RB_Right		17.85	/	/	19.05	/	/	<=30	Pass		
	Outer_Full		18.29	/	/	19.49	/	/	<=30	Pass		
	Inner_Full		18.24	/	/	19.44	/	/	<=30	Pass		
	Inner_1RB_Left	17.97	/	/	19.17	/	/	<=30	Pass			
	Inner_1RB_Right	17.87	/	/	19.07	/	/	<=30	Pass			
Note1: Antenna Gain: Ant2: 1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain												

1.6 15k_SISO_30MHz_NTNV_EIRP

1.6.1 Test Result

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	24.06	/	/	25.26	/	/	<=30	Pass
		Edge_1RB_Right	23.75	/	/	24.95	/	/	<=30	Pass
		Outer_Full	24.00	/	/	25.20	/	/	<=30	Pass
		Inner_Full	24.03	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	24.94	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.87	/	/	25.07	/	/	<=30	Pass

		Edge_1RB_Right	23.77	/	/	24.97	/	/	<=30	Pass
		Outer_Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	24.89	/	/	<=30	Pass
	1765	Edge_1RB_Left	23.73	/	/	24.93	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	24.85	/	/	<=30	Pass
		Outer_Full	23.83	/	/	25.03	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	24.91	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Inner_1RB_Right	23.74	/	/	24.94	/	/	<=30	Pass
		Edge_1RB_Left	24.05	/	/	25.25	/	/	<=30	Pass
		Edge_1RB_Right	23.67	/	/	24.87	/	/	<=30	Pass
		Outer_Full	24.07	/	/	25.27	/	/	<=30	Pass
		Inner_Full	23.99	/	/	25.19	/	/	<=30	Pass
	1745	Inner_1RB_Left	24.07	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	24.92	/	/	<=30	Pass
		Edge_1RB_Left	23.81	/	/	25.01	/	/	<=30	Pass
		Edge_1RB_Right	23.77	/	/	24.97	/	/	<=30	Pass
		Outer_Full	23.86	/	/	25.06	/	/	<=30	Pass
	1765	Inner_Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	24.95	/	/	<=30	Pass
		Edge_1RB_Left	23.68	/	/	24.88	/	/	<=30	Pass
		Edge_1RB_Right	23.71	/	/	24.91	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	23.82	/	/	25.02	/	/	<=30	Pass
		Inner_Full	23.86	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	24.91	/	/	<=30	Pass
		Edge_1RB_Left	23.03	/	/	24.23	/	/	<=30	Pass
	1745	Edge_1RB_Right	22.70	/	/	23.90	/	/	<=30	Pass
		Outer_Full	23.04	/	/	24.24	/	/	<=30	Pass
		Inner_Full	23.97	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	25.02	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.85	/	/	24.05	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	23.93	/	/	<=30	Pass
		Outer_Full	22.76	/	/	23.96	/	/	<=30	Pass
		Inner_Full	23.79	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	25.03	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1725	Inner_1RB_Right	23.71	/	/	24.91	/	/	<=30	Pass
		Edge_1RB_Left	22.67	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	23.83	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.05	/	/	<=30	Pass
		Inner_Full	23.74	/	/	24.94	/	/	<=30	Pass
	1745	Inner_1RB_Left	23.73	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	25.04	/	/	<=30	Pass
		Edge_1RB_Left	22.77	/	/	23.97	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.59	/	/	<=30	Pass
		Outer_Full	22.51	/	/	23.71	/	/	<=30	Pass
	1765	Inner_Full	22.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Left	22.47	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.60	/	/	<=30	Pass
	1725	Outer_Full	22.37	/	/	23.57	/	/	<=30	Pass
		Inner_Full	22.28	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	23.61	/	/	<=30	Pass

	1765	Edge_1RB_Left	22.38	/	/	23.58	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.63	/	/	<=30	Pass
		Outer_Full	22.37	/	/	23.57	/	/	<=30	Pass
		Inner_Full	22.36	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	23.64	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Edge_1RB_Left	20.19	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	20.91	/	/	<=30	Pass
		Outer_Full	20.39	/	/	21.59	/	/	<=30	Pass
		Inner_Full	20.42	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	20.16	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	19.69	/	/	20.89	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.92	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	21.02	/	/	<=30	Pass
		Outer_Full	20.23	/	/	21.43	/	/	<=30	Pass
		Inner_Full	20.22	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	19.74	/	/	20.94	/	/	<=30	Pass
	1765	Edge_1RB_Left	19.82	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	20.98	/	/	<=30	Pass
		Outer_Full	20.27	/	/	21.47	/	/	<=30	Pass
		Inner_Full	20.27	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Right	19.80	/	/	21.00	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	21.99	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	22.91	/	/	<=30	Pass
		Outer_Full	22.02	/	/	23.22	/	/	<=30	Pass
		Inner_Full	23.53	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	24.59	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.75	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.04	/	/	<=30	Pass
		Outer_Full	21.83	/	/	23.03	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.44	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.65	/	/	22.85	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.82	/	/	23.02	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	24.16	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge_1RB_Left	22.09	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	22.92	/	/	<=30	Pass
		Outer_Full	21.95	/	/	23.15	/	/	<=30	Pass
		Inner_Full	22.94	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	24.05	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.83	/	/	23.03	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	22.85	/	/	<=30	Pass
		Outer_Full	21.80	/	/	23.00	/	/	<=30	Pass
		Inner_Full	22.70	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	24.03	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.65	/	/	22.85	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	22.96	/	/	<=30	Pass
		Outer_Full	21.78	/	/	22.98	/	/	<=30	Pass
		Inner_Full	22.74	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	23.92	/	/	<=30	Pass

CP-OFDM 64 QAM	1725	Inner 1RB Right	22.75	/	/	23.95	/	/	<=30	Pass
		Edge 1RB Left	21.78	/	/	22.98	/	/	<=30	Pass
		Edge 1RB Right	21.28	/	/	22.48	/	/	<=30	Pass
		Outer_Full	21.57	/	/	22.77	/	/	<=30	Pass
		Inner_Full	21.52	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Left	21.65	/	/	22.85	/	/	<=30	Pass
	1745	Inner 1RB Right	21.29	/	/	22.49	/	/	<=30	Pass
		Edge 1RB Left	21.30	/	/	22.50	/	/	<=30	Pass
		Edge 1RB Right	21.15	/	/	22.35	/	/	<=30	Pass
		Outer_Full	21.34	/	/	22.54	/	/	<=30	Pass
		Inner_Full	21.20	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	21.24	/	/	22.44	/	/	<=30	Pass
	1765	Inner 1RB Right	21.20	/	/	22.40	/	/	<=30	Pass
		Edge 1RB Left	21.18	/	/	22.38	/	/	<=30	Pass
		Edge 1RB Right	21.18	/	/	22.38	/	/	<=30	Pass
		Outer_Full	21.29	/	/	22.49	/	/	<=30	Pass
		Inner_Full	21.30	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Left	21.20	/	/	22.40	/	/	<=30	Pass
CP-OFDM 256 QAM	1725	Inner 1RB Right	21.25	/	/	22.45	/	/	<=30	Pass
		Edge 1RB Left	18.24	/	/	19.44	/	/	<=30	Pass
		Edge 1RB Right	17.83	/	/	19.03	/	/	<=30	Pass
		Outer_Full	18.43	/	/	19.63	/	/	<=30	Pass
		Inner_Full	18.47	/	/	19.67	/	/	<=30	Pass
		Inner 1RB Left	18.21	/	/	19.41	/	/	<=30	Pass
	1745	Inner 1RB Right	17.85	/	/	19.05	/	/	<=30	Pass
		Edge 1RB Left	18.66	/	/	19.86	/	/	<=30	Pass
		Edge 1RB Right	18.44	/	/	19.64	/	/	<=30	Pass
		Outer_Full	18.33	/	/	19.53	/	/	<=30	Pass
		Inner_Full	18.19	/	/	19.39	/	/	<=30	Pass
		Inner 1RB Left	18.69	/	/	19.89	/	/	<=30	Pass
	1765	Inner 1RB Right	18.44	/	/	19.64	/	/	<=30	Pass
		Edge 1RB Left	17.79	/	/	18.99	/	/	<=30	Pass
		Edge 1RB Right	17.79	/	/	18.99	/	/	<=30	Pass
		Outer_Full	18.24	/	/	19.44	/	/	<=30	Pass
		Inner_Full	18.22	/	/	19.42	/	/	<=30	Pass
		Inner 1RB Left	17.82	/	/	19.02	/	/	<=30	Pass
		Inner 1RB Right	17.82	/	/	19.02	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 1.20dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 15k_SISO_30MHz

2.1.1 Test Result

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	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass

			20	NV	-4.70	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-3.60	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-2.70	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-5.70	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-5.10	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.60	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-3.70	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-3.60	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-2.80	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-4.60	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-4.80	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-9.10	-0.0052	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.60	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-3.90	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	50	NV	-1.80	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-3.30	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.80	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.30	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-1.30	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-1.20	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-5.40	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	1.40	0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-3.60	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-4.90	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	40	NV	-2.70	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-3.60	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-4.90	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.10	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.80	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-3.60	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.80	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-4.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-4.50	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-1.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	30	NV	-8.80	-0.0050	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-2.40	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-2.30	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-6.70	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-2.70	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-4.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-2.80	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-4.50	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-4.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-5.30	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	1745	Outer_Full	20	NV	-4.00	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-1.70	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.60	-0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-3.90	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-2.90	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-2.50	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.40	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-4.10	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-1.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-1.20	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-5.20	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-4.50	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-1.80	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-4.50	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-0.80	-0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-8.60	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

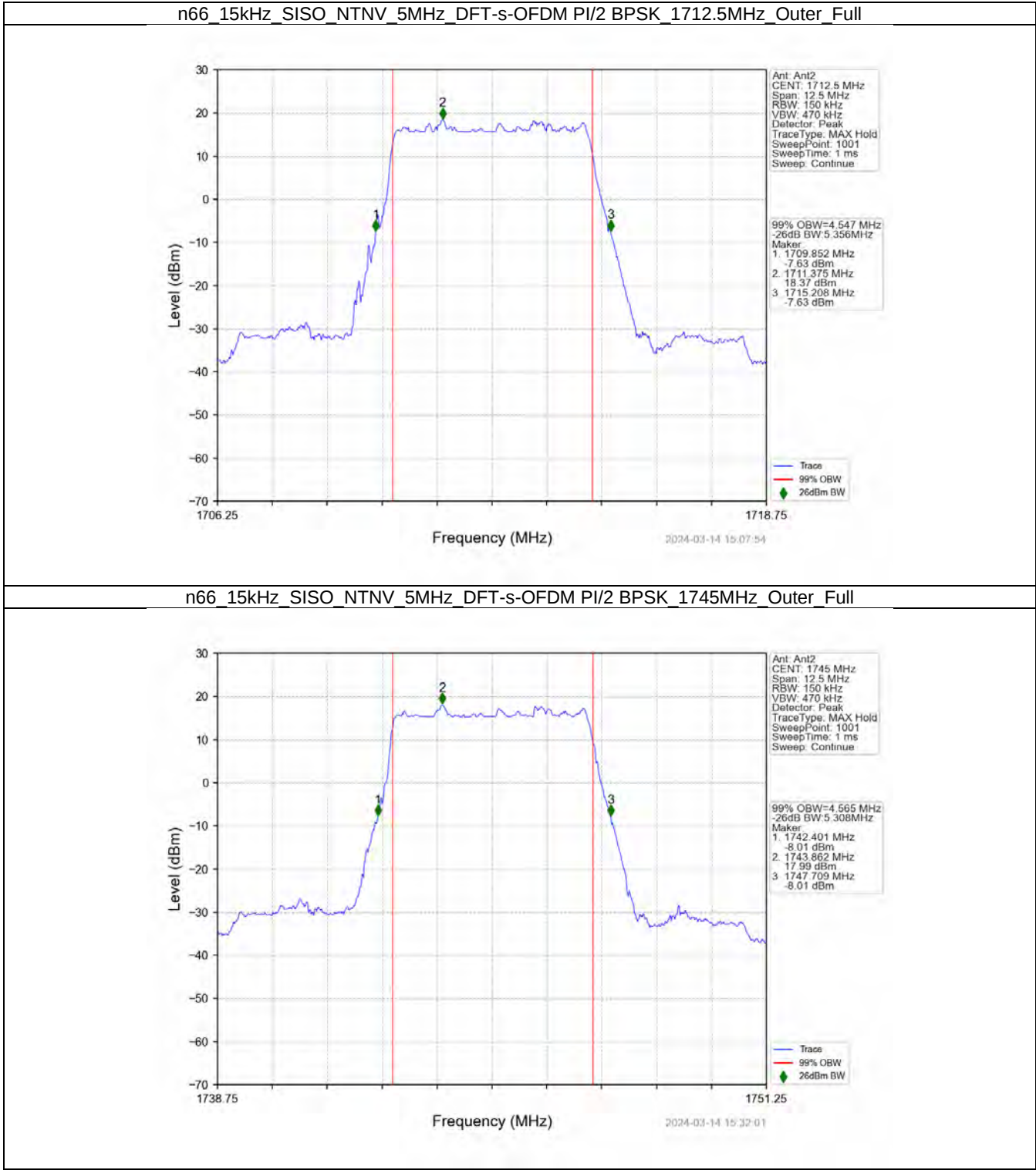
3.1 15k_SISO_5MHz_NTNV

3.1.1 Test Result

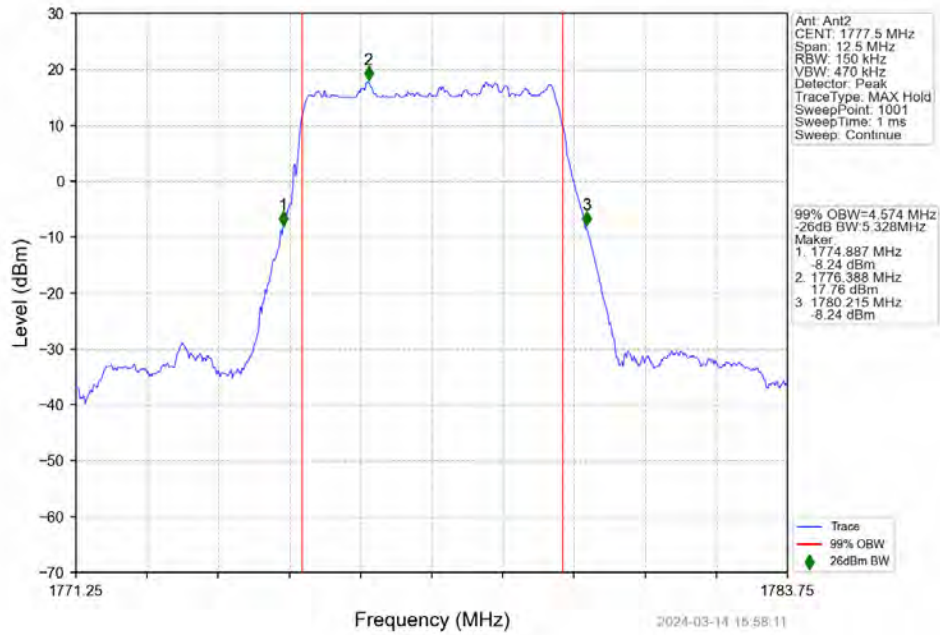
5G NR n66 SCS=15kHz SISO 5MHz NTVN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1712.5	Outer Full	4.55	5.36	/	Pass
	1745	Outer Full	4.57	5.31	/	Pass
	1777.5	Outer Full	4.57	5.33	/	Pass
DFT-s-OFDM QPSK	1712.5	Outer Full	4.54	5.23	/	Pass
	1745	Outer Full	4.53	5.25	/	Pass
	1777.5	Outer Full	4.53	5.25	/	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer Full	4.58	5.32	/	Pass
	1745	Outer Full	4.57	5.33	/	Pass
	1777.5	Outer Full	4.57	5.32	/	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer Full	4.56	5.19	/	Pass
	1745	Outer Full	4.57	5.20	/	Pass
	1777.5	Outer Full	4.57	5.24	/	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer Full	4.54	5.29	/	Pass

	1745	Outer_Full	4.55	5.29	/	Pass
	1777.5	Outer_Full	4.55	5.29	/	Pass
CP-OFDM QPSK	1712.5	Outer_Full	4.58	5.34	/	Pass
	1745	Outer_Full	4.58	5.34	/	Pass
	1777.5	Outer_Full	4.58	5.38	/	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	4.57	5.33	/	Pass
	1745	Outer_Full	4.56	5.35	/	Pass
	1777.5	Outer_Full	4.57	5.31	/	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	4.56	5.35	/	Pass
	1745	Outer_Full	4.58	5.35	/	Pass
	1777.5	Outer_Full	4.58	5.34	/	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	4.55	5.37	/	Pass
	1745	Outer_Full	4.56	5.41	/	Pass
	1777.5	Outer_Full	4.55	5.38	/	Pass

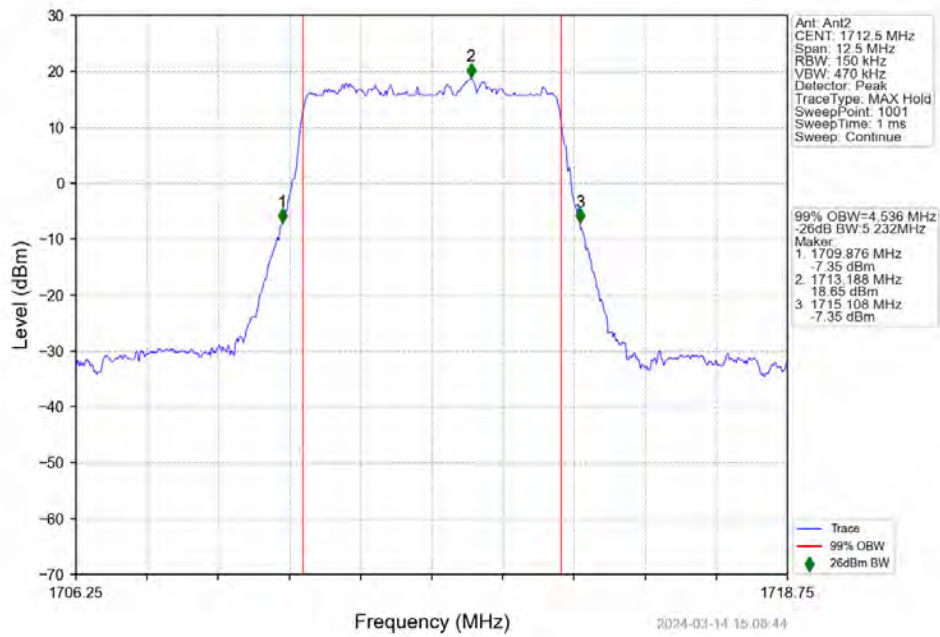
3.1.2 Test Graph



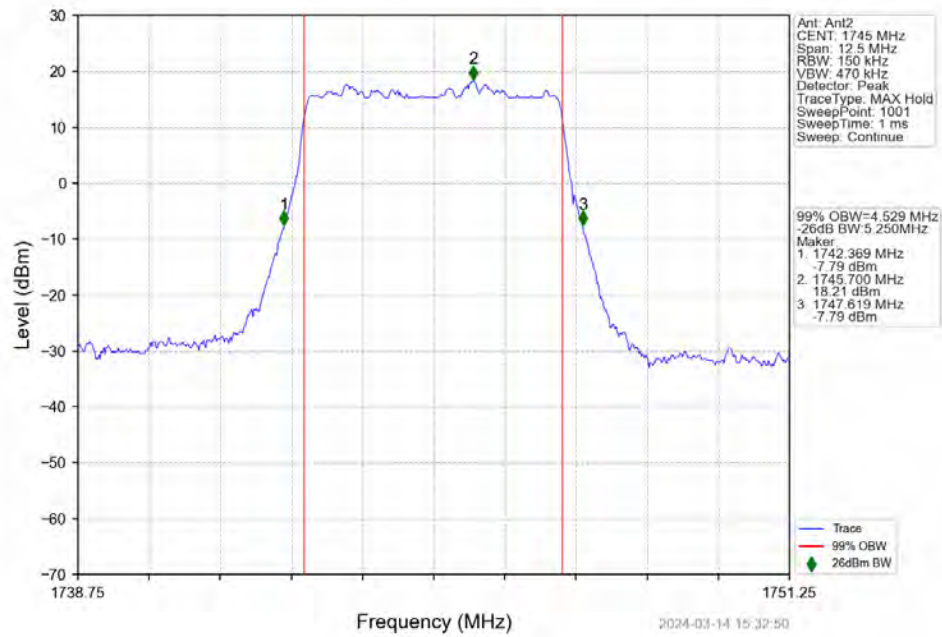
n66 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1777.5MHz Outer Full



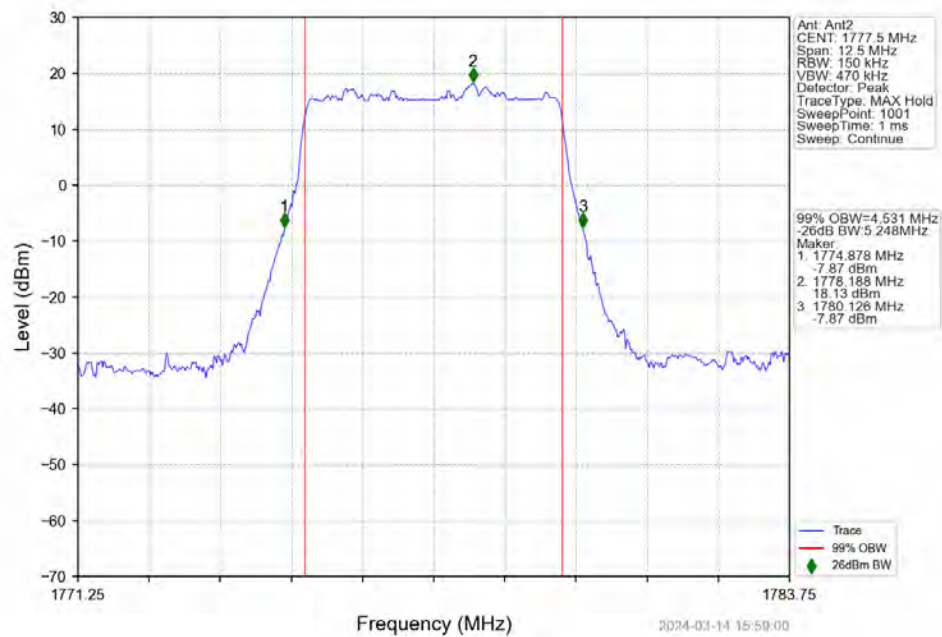
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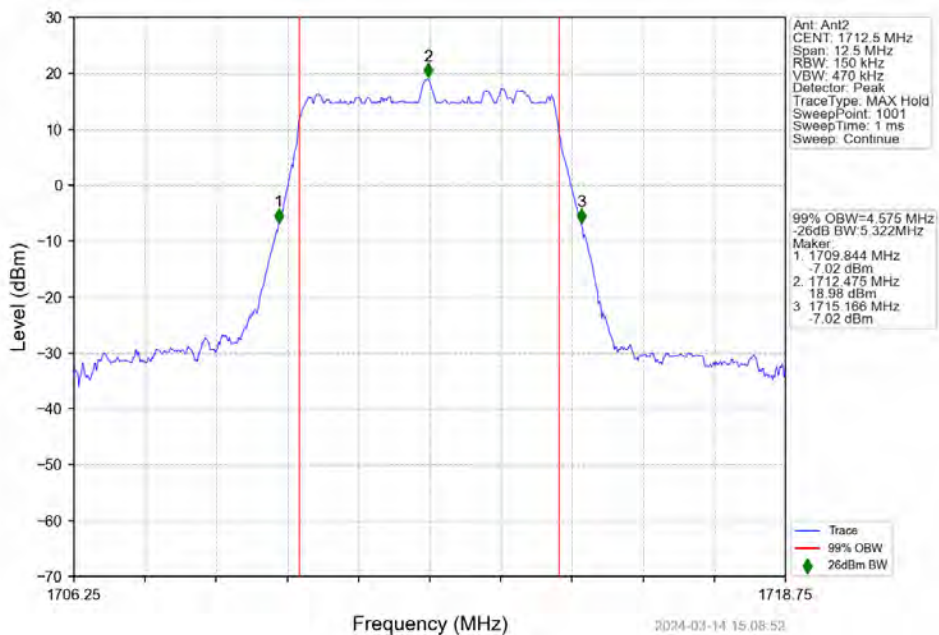
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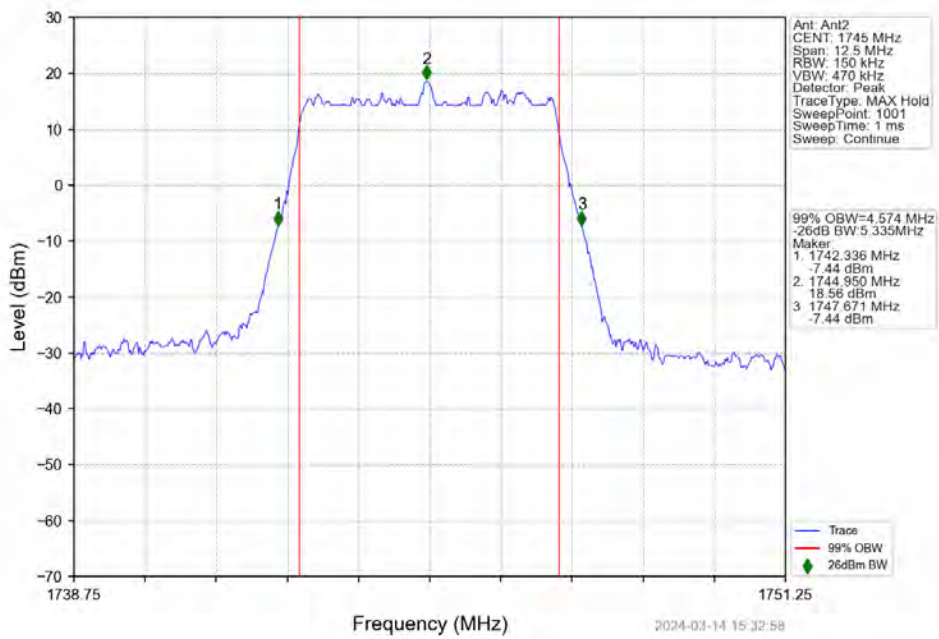
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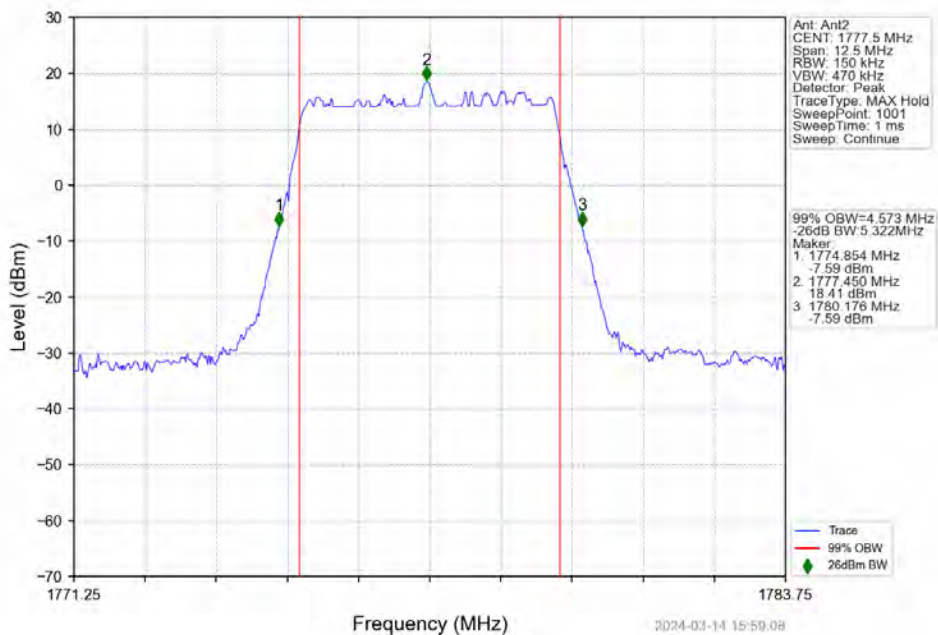
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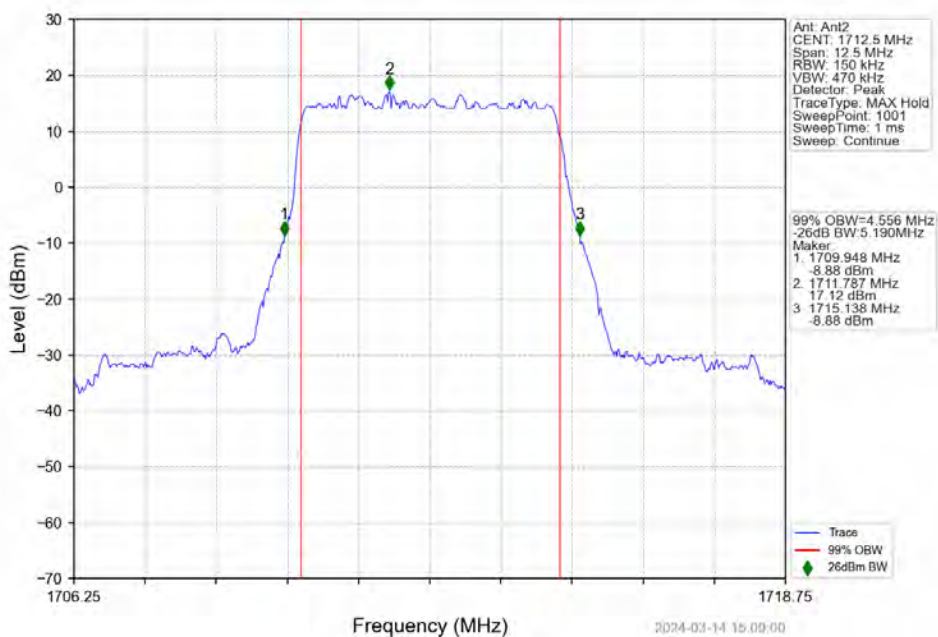
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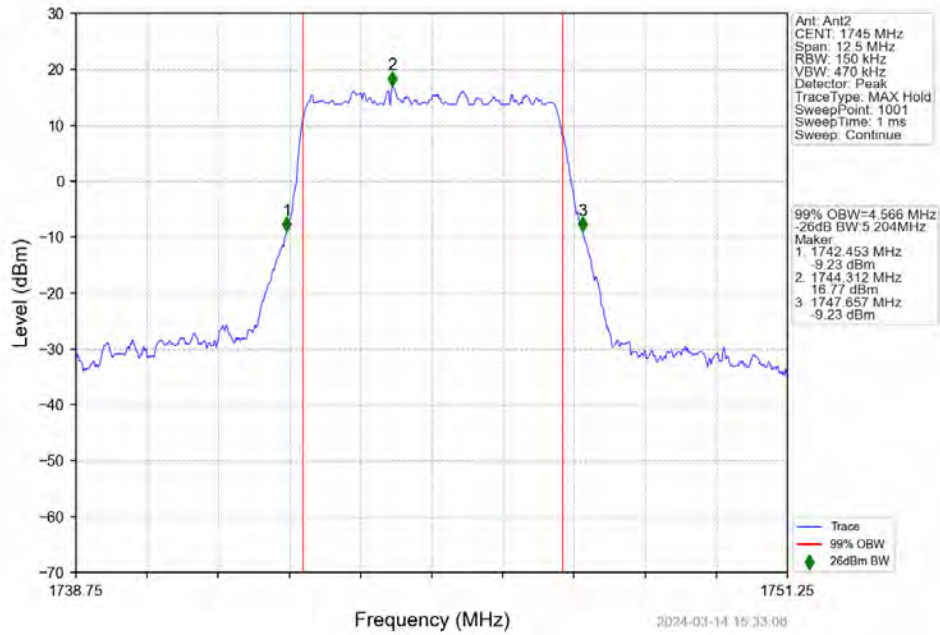
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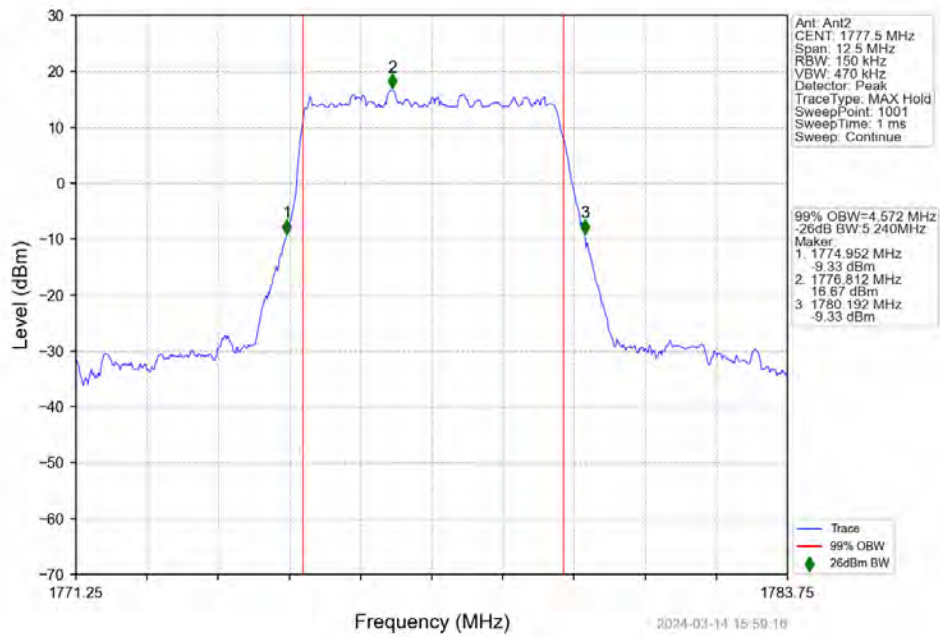
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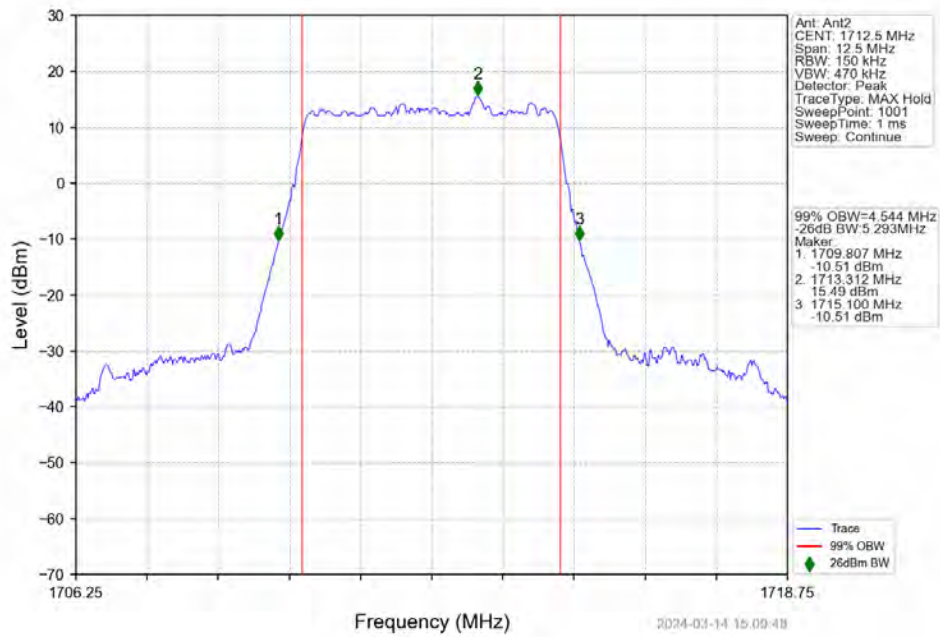
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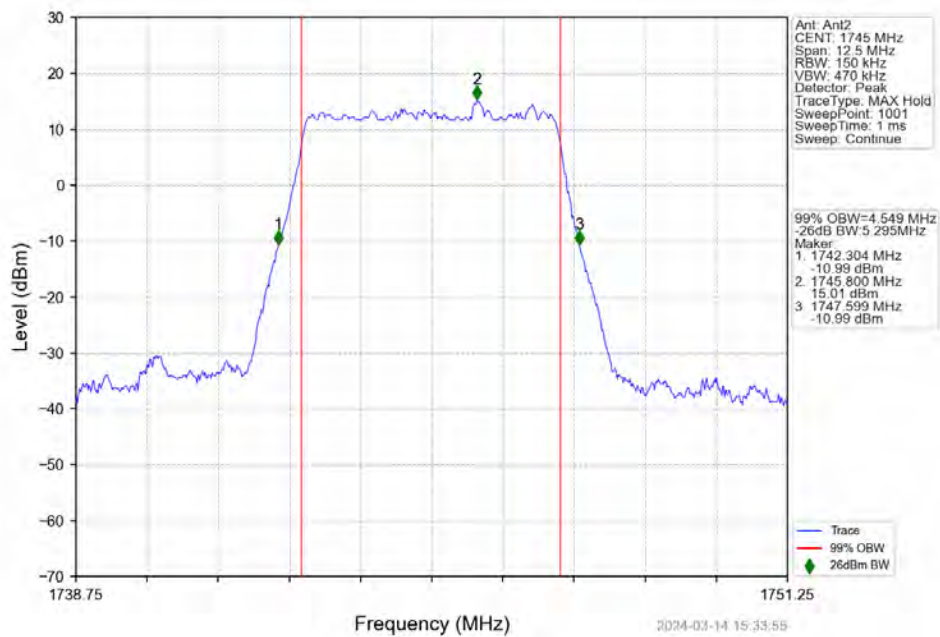
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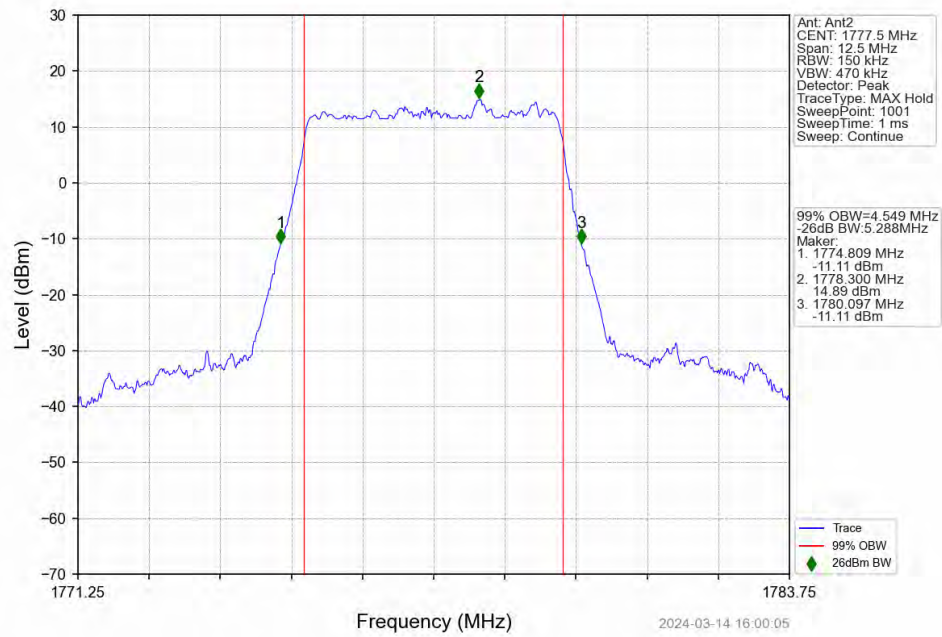
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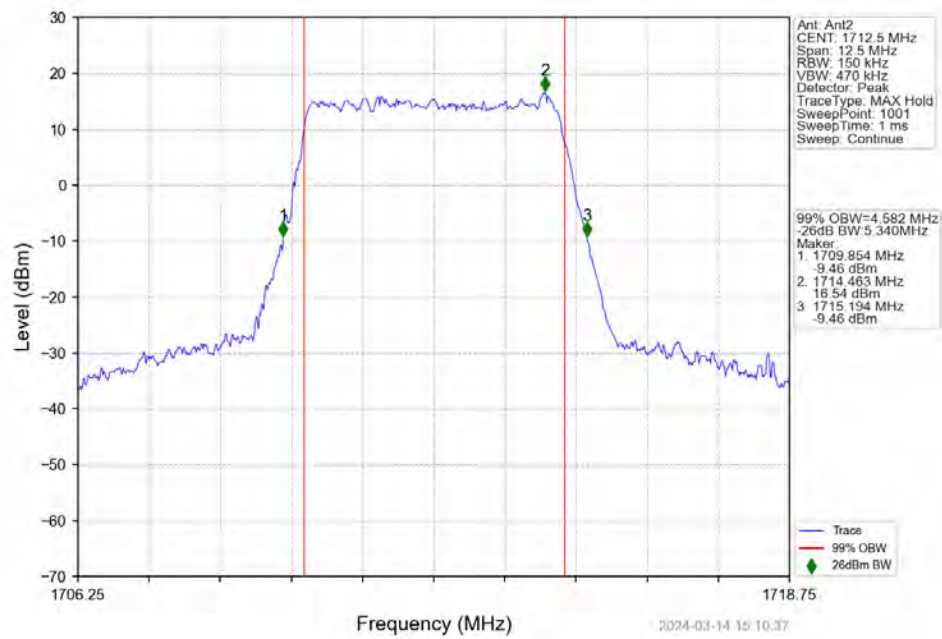
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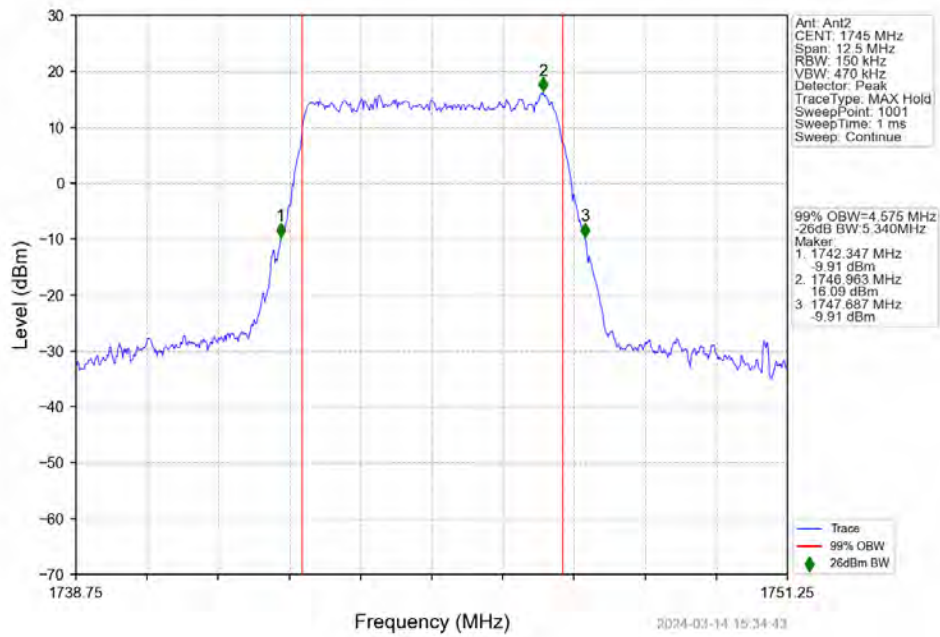
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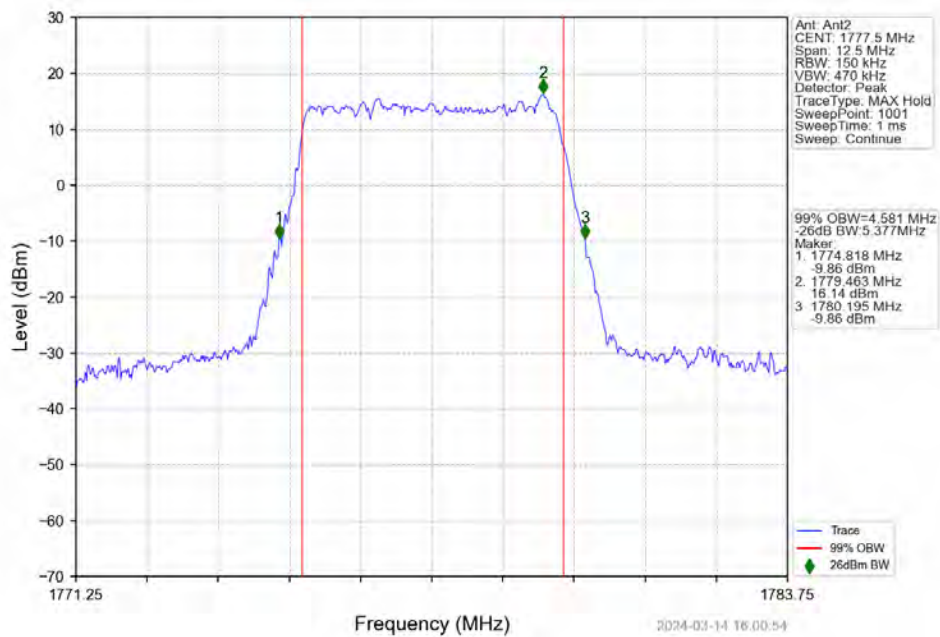
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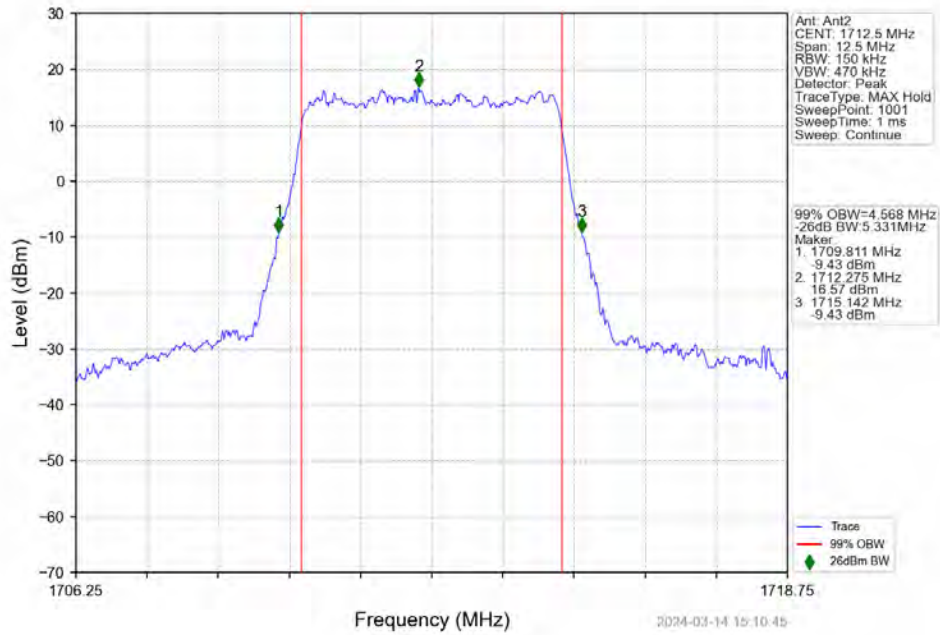
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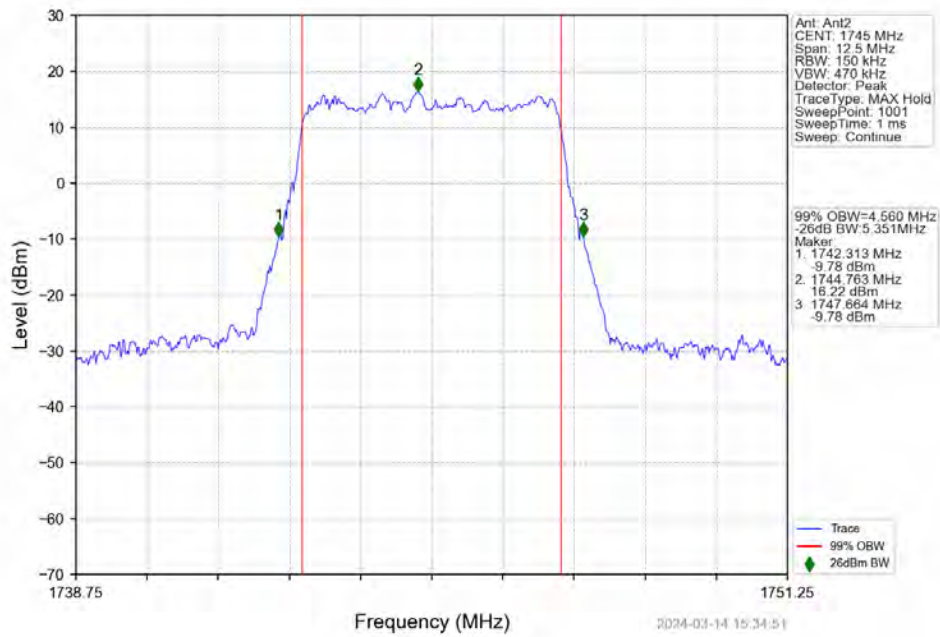
n66 15kHz SISO NTN 5MHz CP-OFDM QPSK 1777.5MHz Outer Full



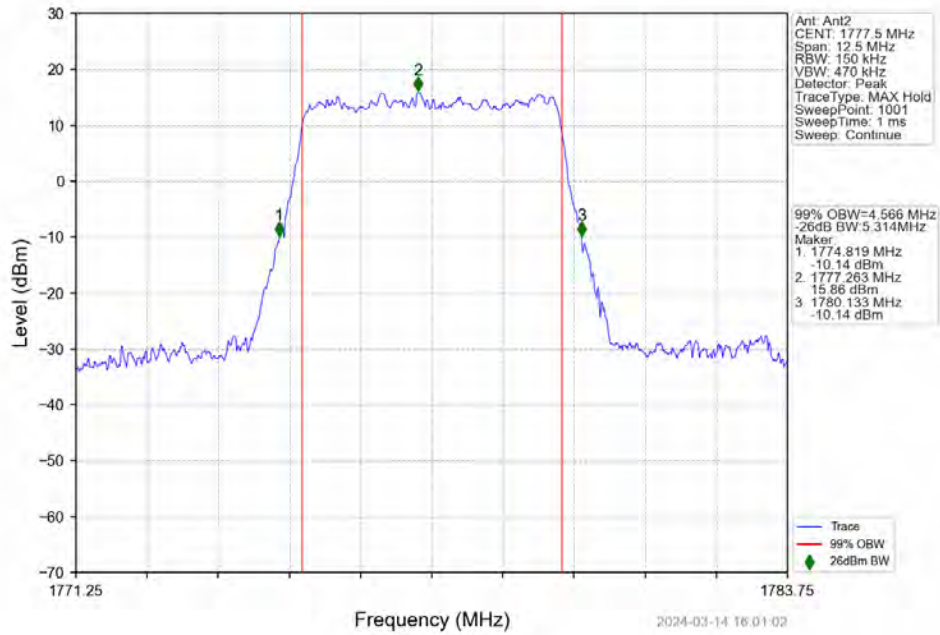
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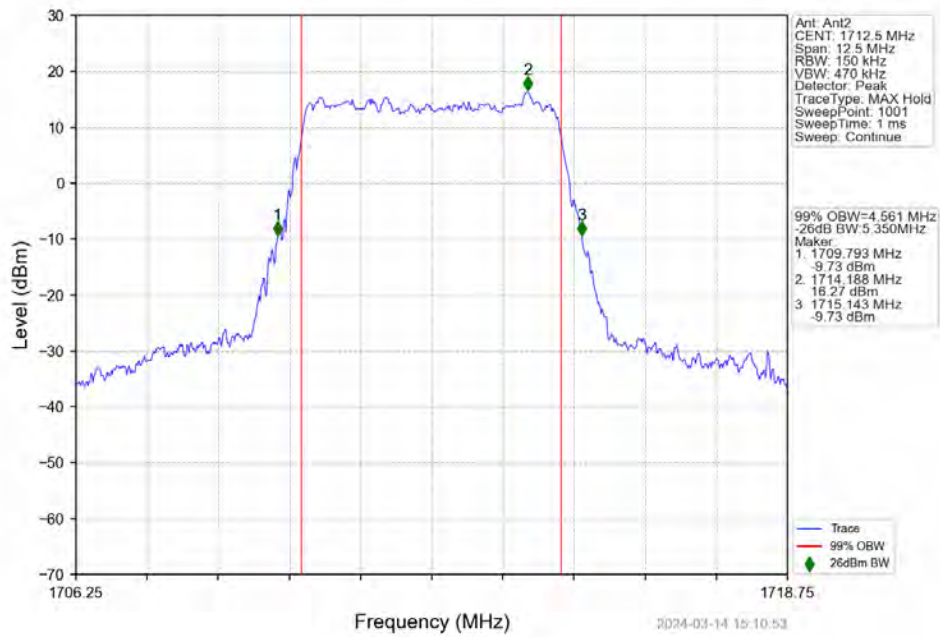
n66 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 1745MHz Outer Full



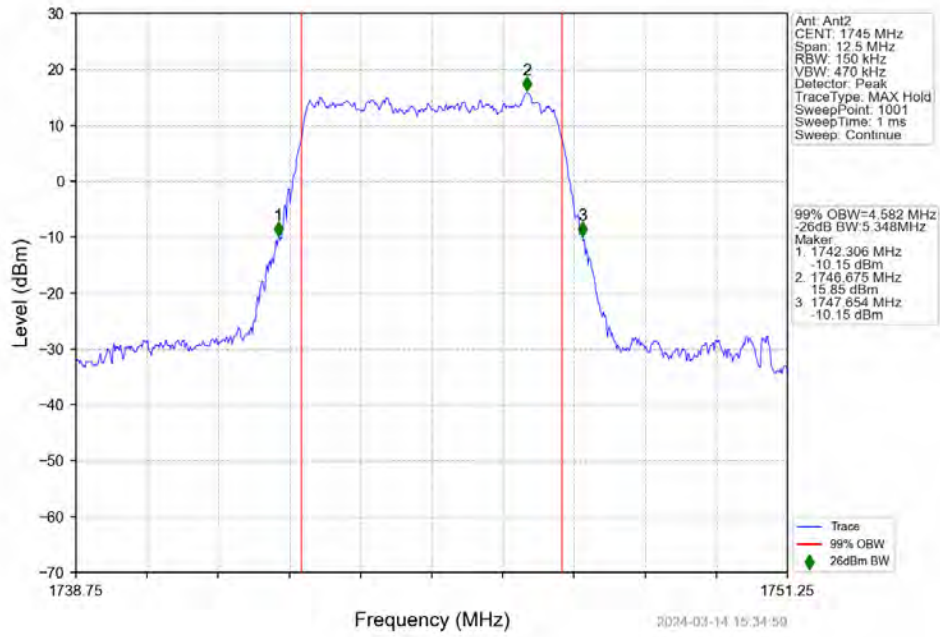
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_16QAM_1777.5MHz_Outer_Full



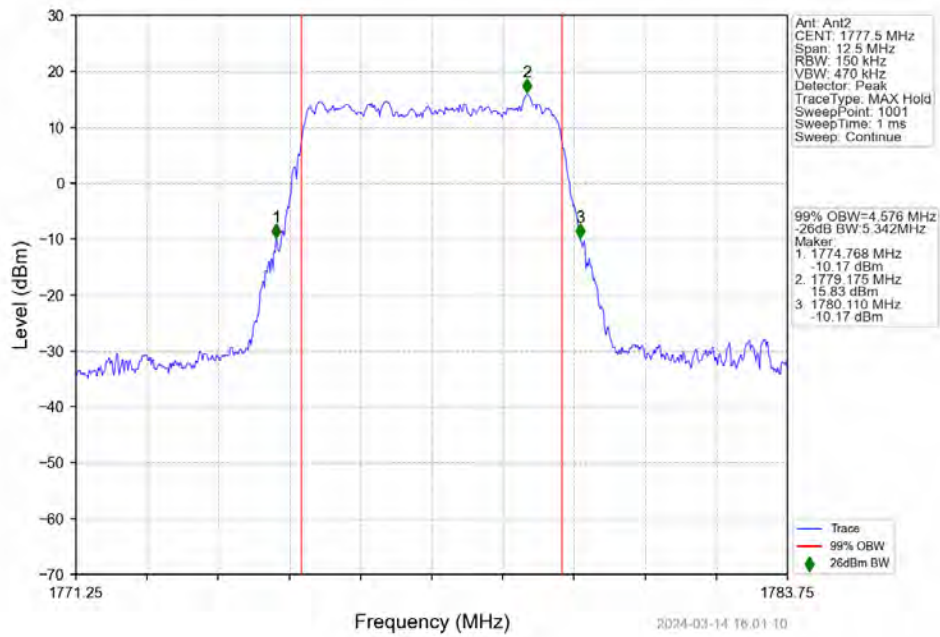
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_64QAM_1712.5MHz_Outer_Full



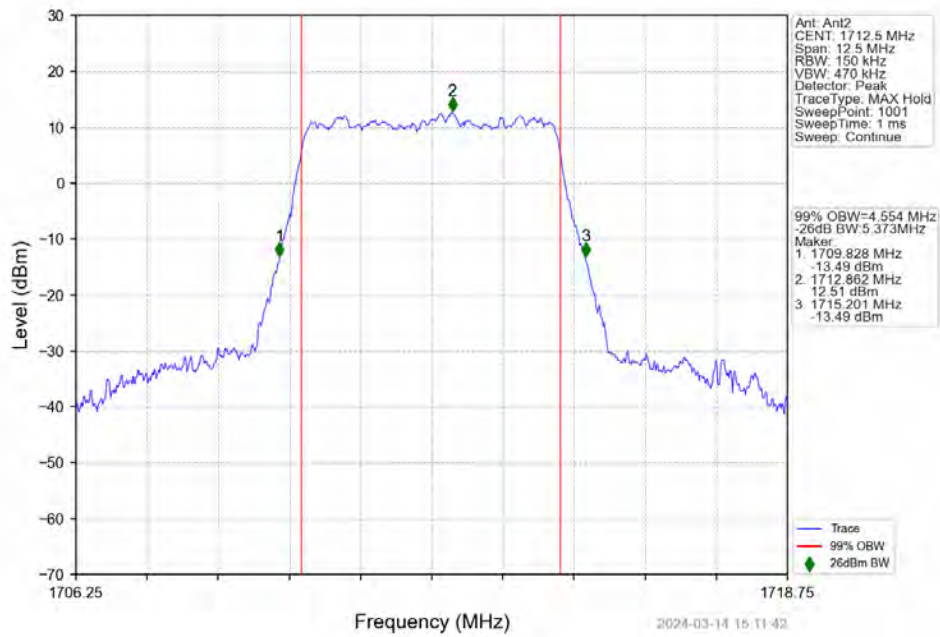
n66 15kHz SISO NTV 5MHz CP-OFDM 64 QAM 1745MHz Outer Full



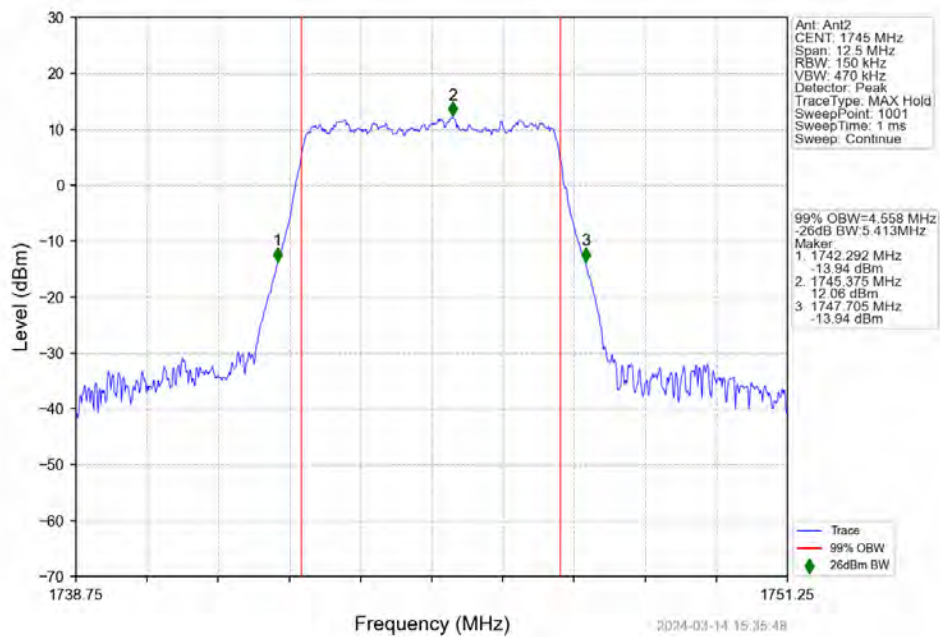
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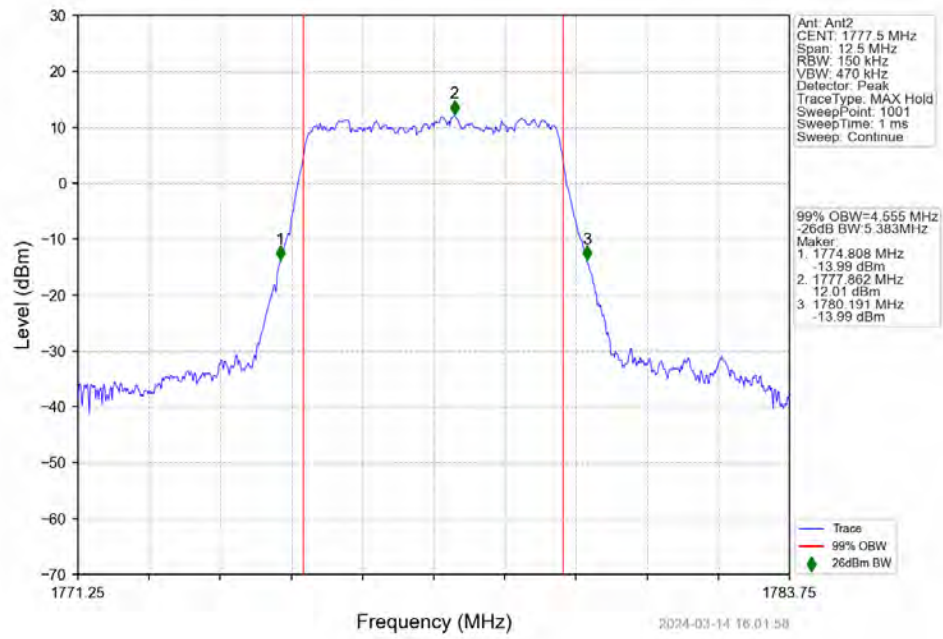
n66 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1712.5MHz Outer Full



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



n66 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1777.5MHz Outer Full

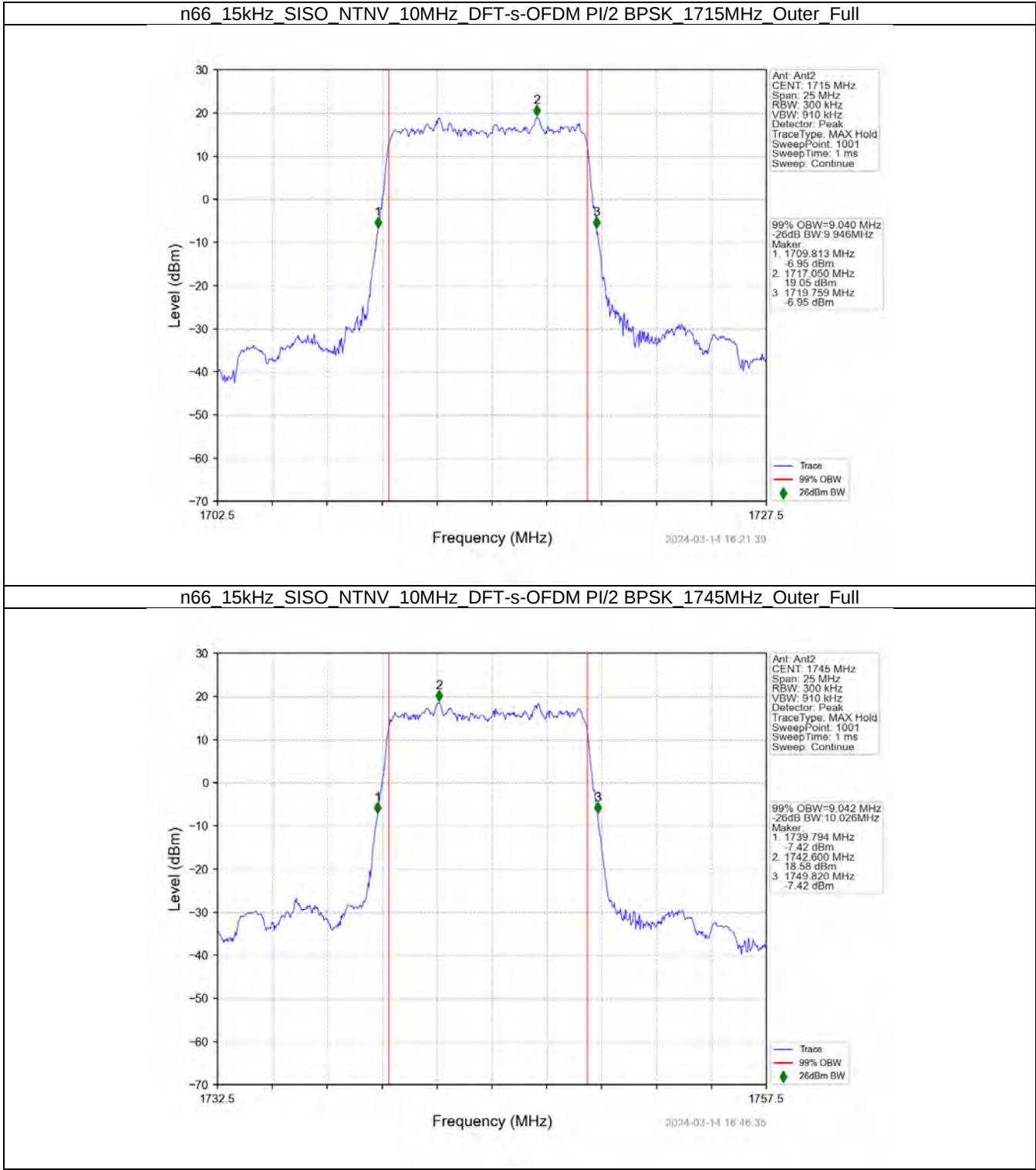


3.2 15k_SISO_10MHz_NTNV

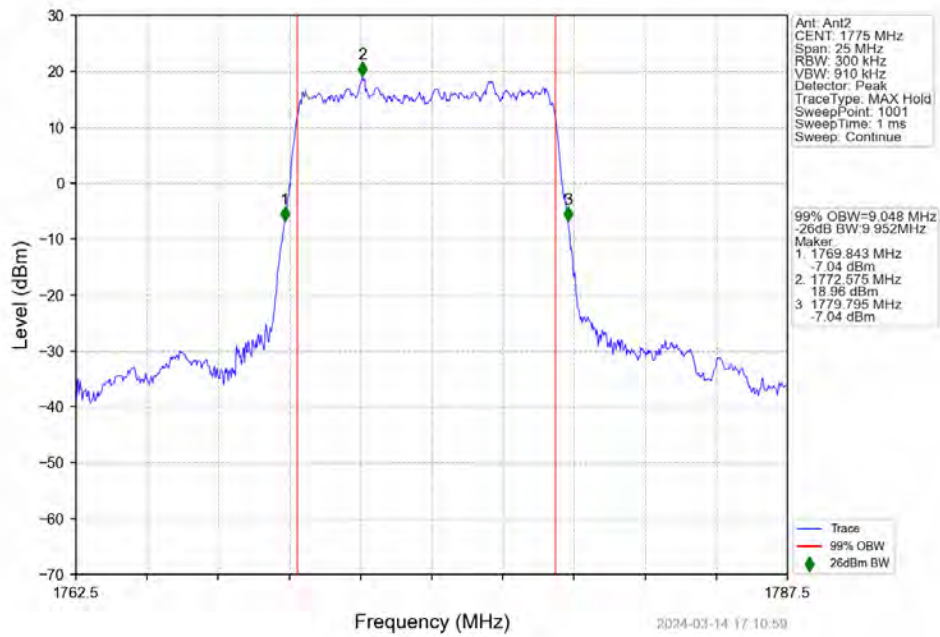
3.2.1 Test Result

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	1715	Outer_Full	9.04	9.95	/	Pass
	1745	Outer_Full	9.04	10.03	/	Pass
	1775	Outer_Full	9.05	9.95	/	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	9.09	10.04	/	Pass
	1745	Outer_Full	9.07	10.02	/	Pass
	1775	Outer_Full	9.09	10.11	/	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	9.07	9.98	/	Pass
	1745	Outer_Full	9.06	10.00	/	Pass
	1775	Outer_Full	9.08	10.05	/	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	9.06	9.98	/	Pass
	1745	Outer_Full	9.04	10.00	/	Pass
	1775	Outer_Full	9.06	10.03	/	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	9.08	10.14	/	Pass
	1745	Outer_Full	9.06	9.96	/	Pass
	1775	Outer_Full	9.07	10.09	/	Pass
CP-OFDM QPSK	1715	Outer_Full	9.39	10.45	/	Pass
	1745	Outer_Full	9.38	10.48	/	Pass
	1775	Outer_Full	9.38	10.50	/	Pass
CP-OFDM 16 QAM	1715	Outer_Full	9.38	10.45	/	Pass
	1745	Outer_Full	9.40	10.39	/	Pass
	1775	Outer_Full	9.38	10.40	/	Pass
CP-OFDM 64 QAM	1715	Outer_Full	9.36	10.34	/	Pass
	1745	Outer_Full	9.36	10.36	/	Pass
	1775	Outer_Full	9.37	10.37	/	Pass
CP-OFDM 256 QAM	1715	Outer_Full	9.40	10.37	/	Pass
	1745	Outer_Full	9.42	10.42	/	Pass
	1775	Outer_Full	9.40	10.44	/	Pass

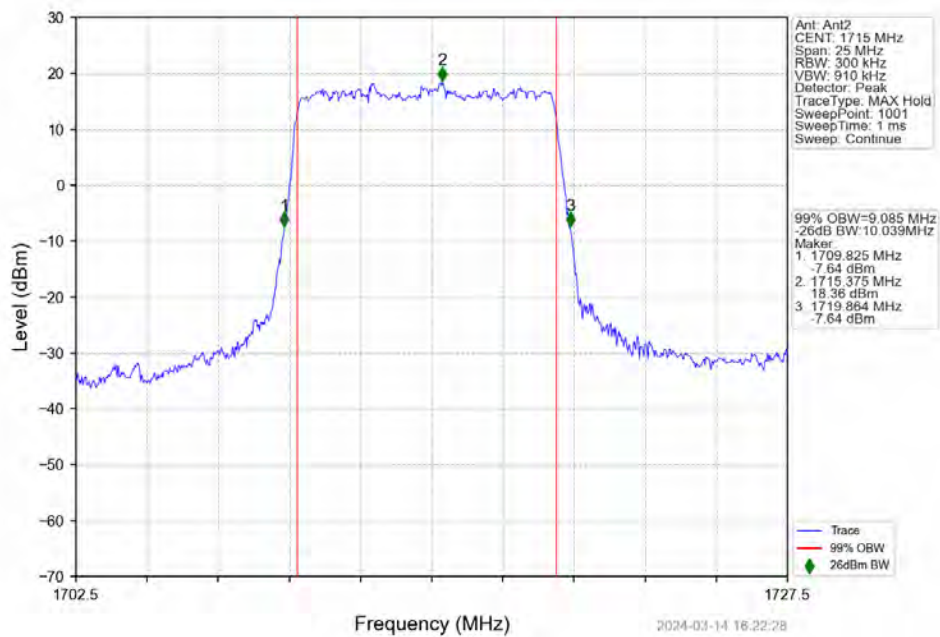
3.2.2 Test Graph



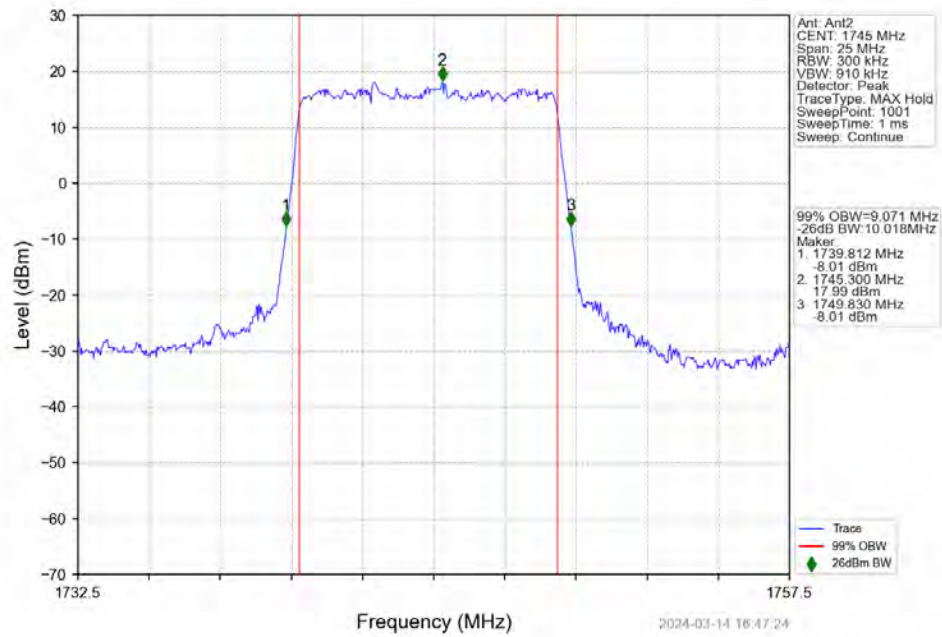
n66 15kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 1775MHz Outer Full



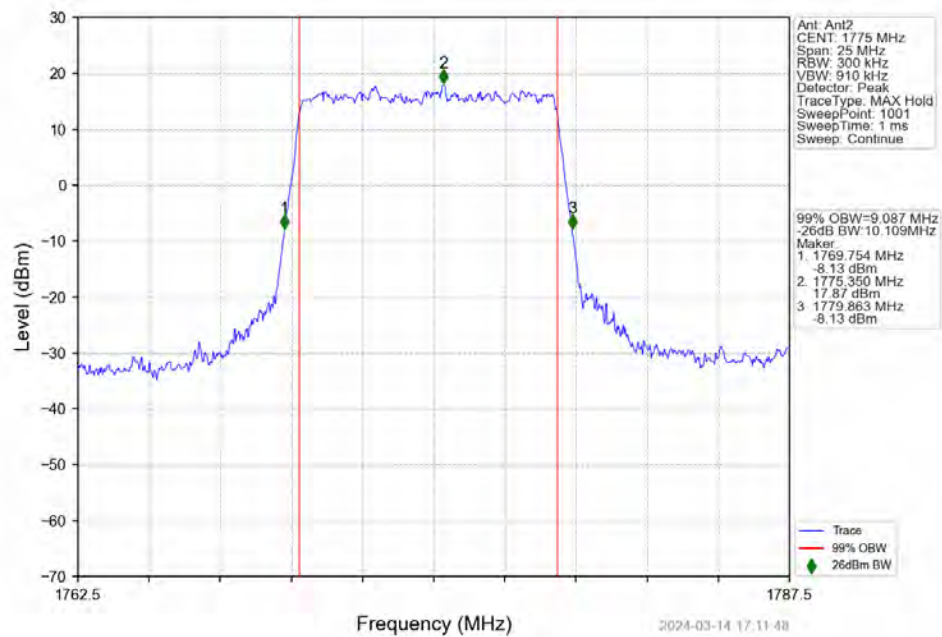
n66 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 1715MHz Outer Full



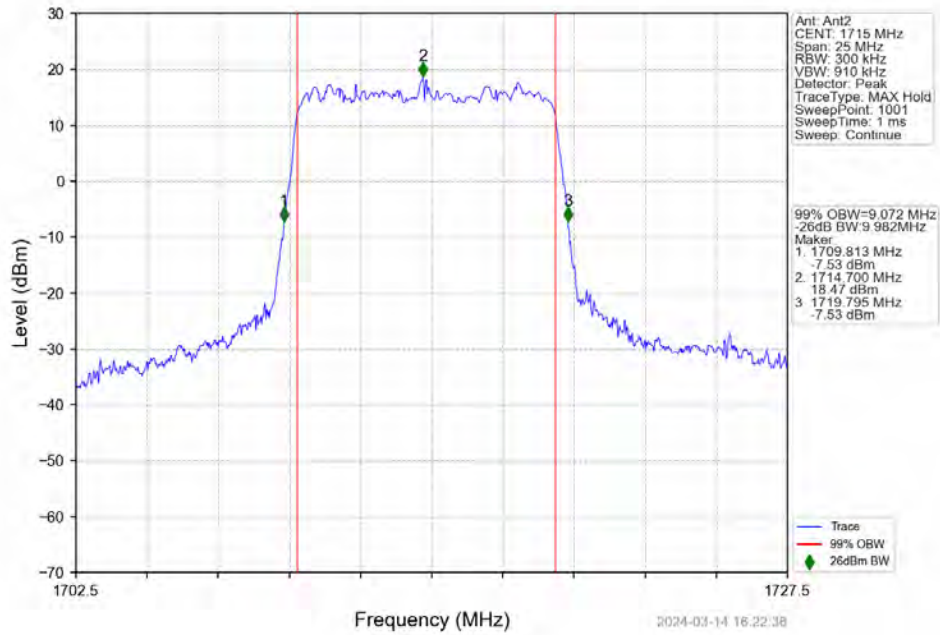
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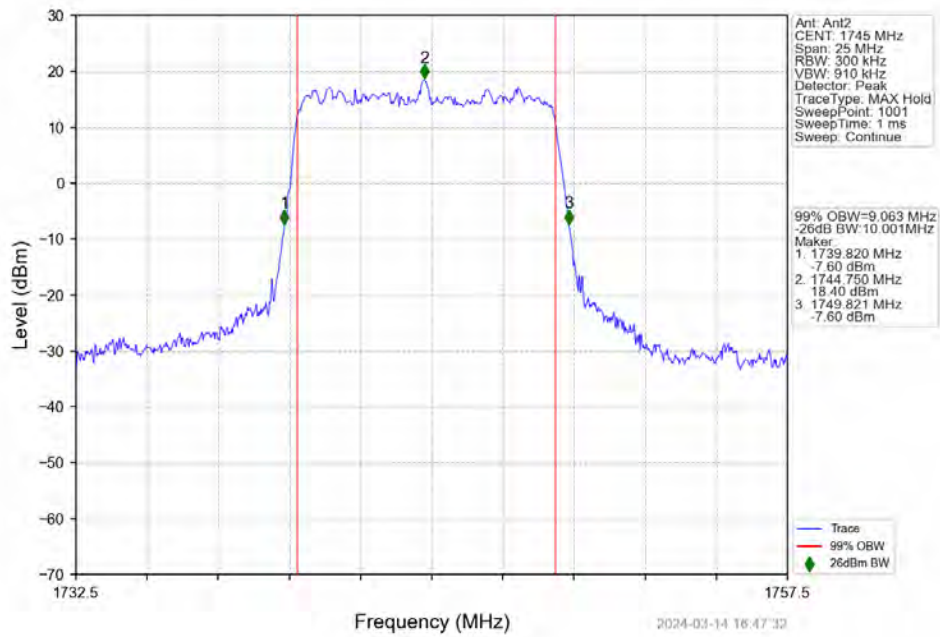
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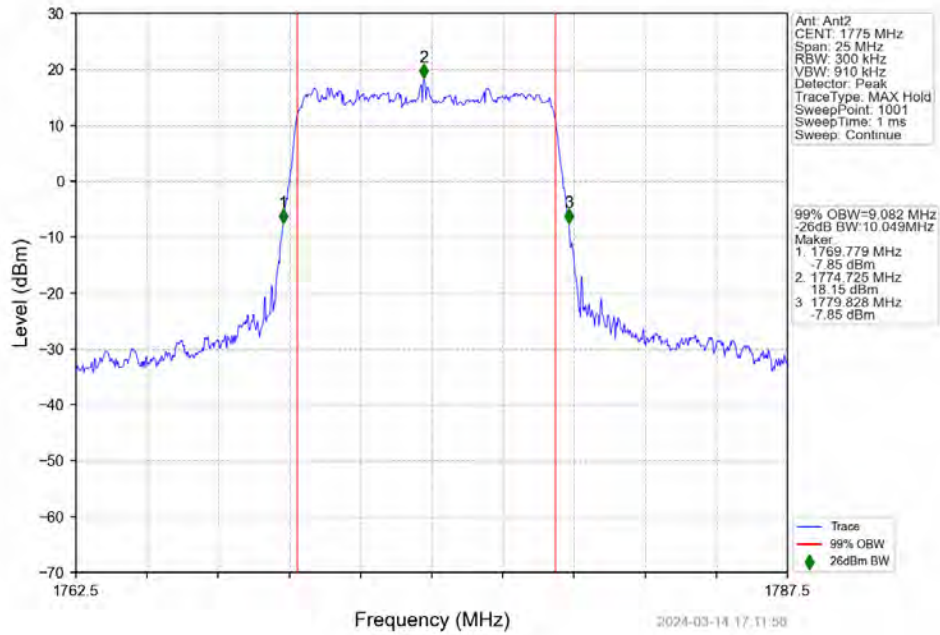
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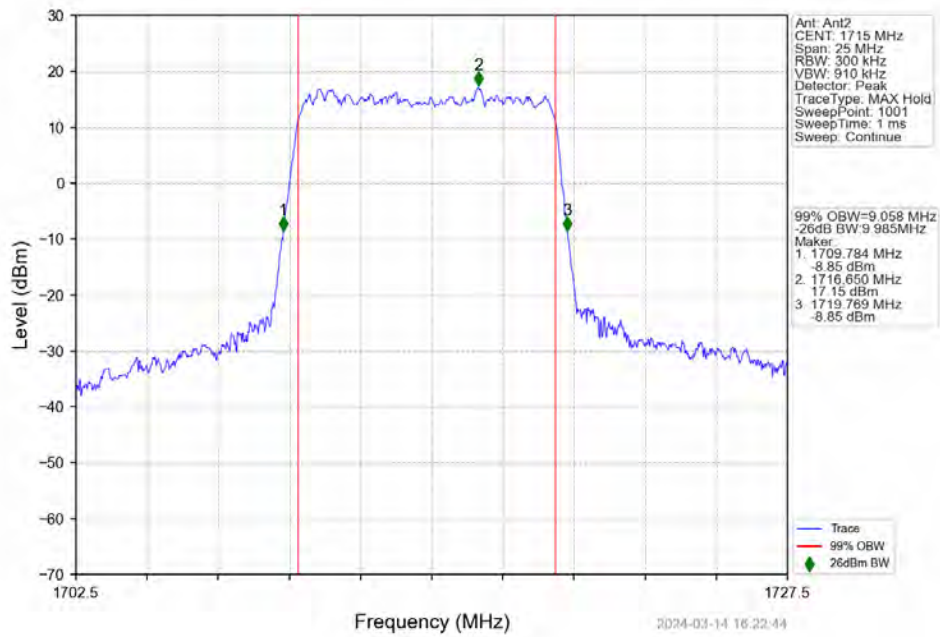
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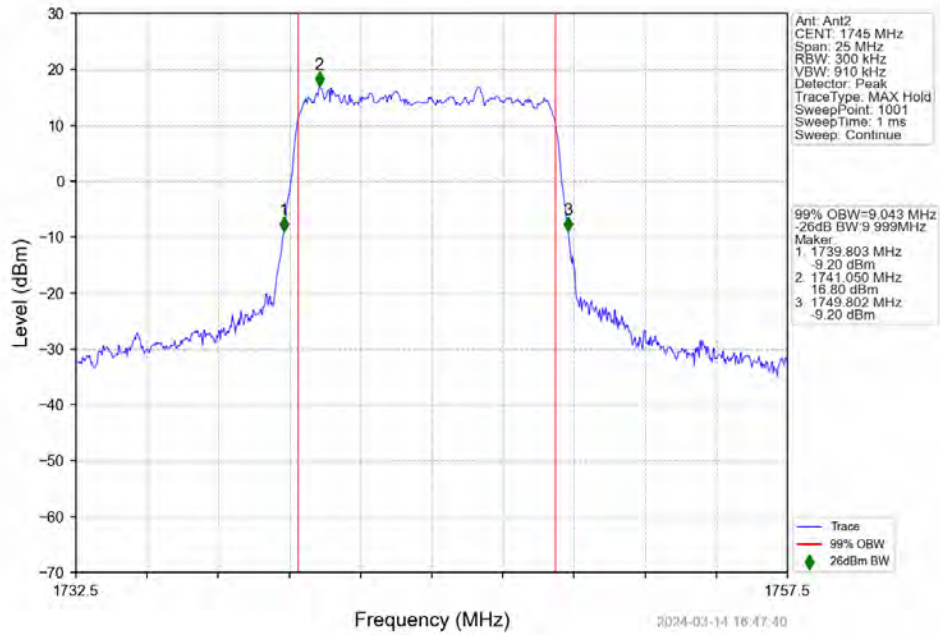
n66 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 1775MHz Outer Full



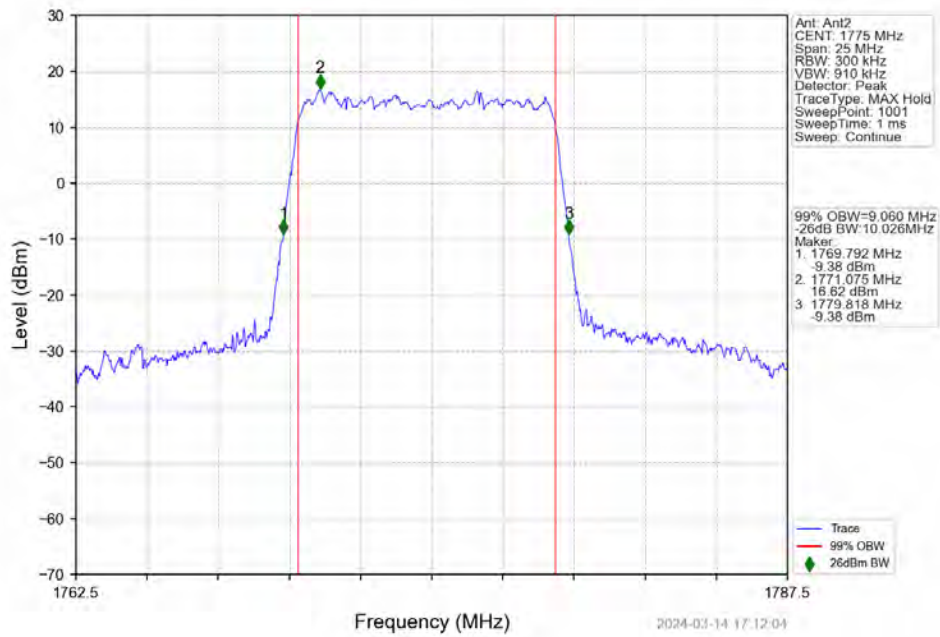
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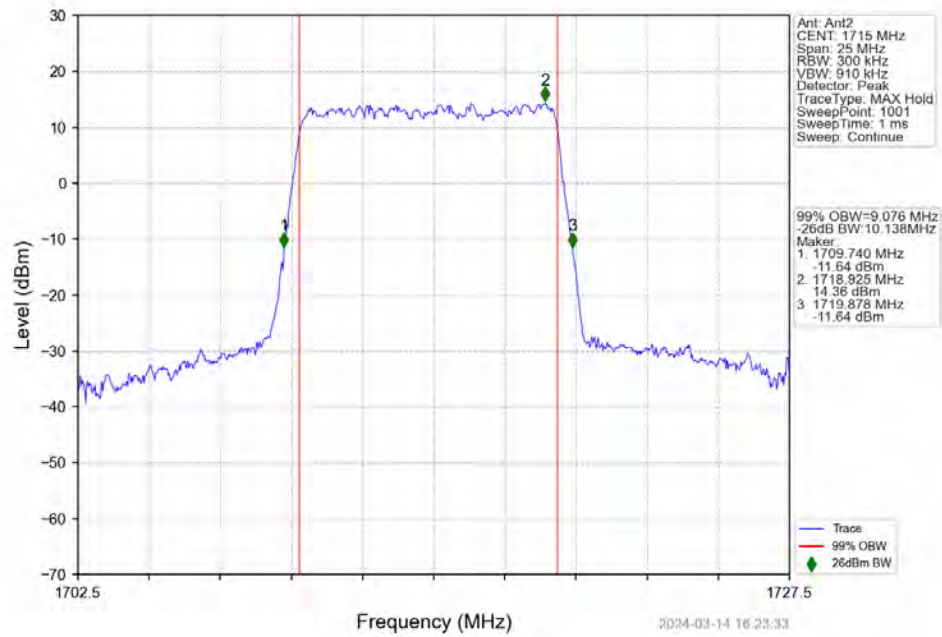
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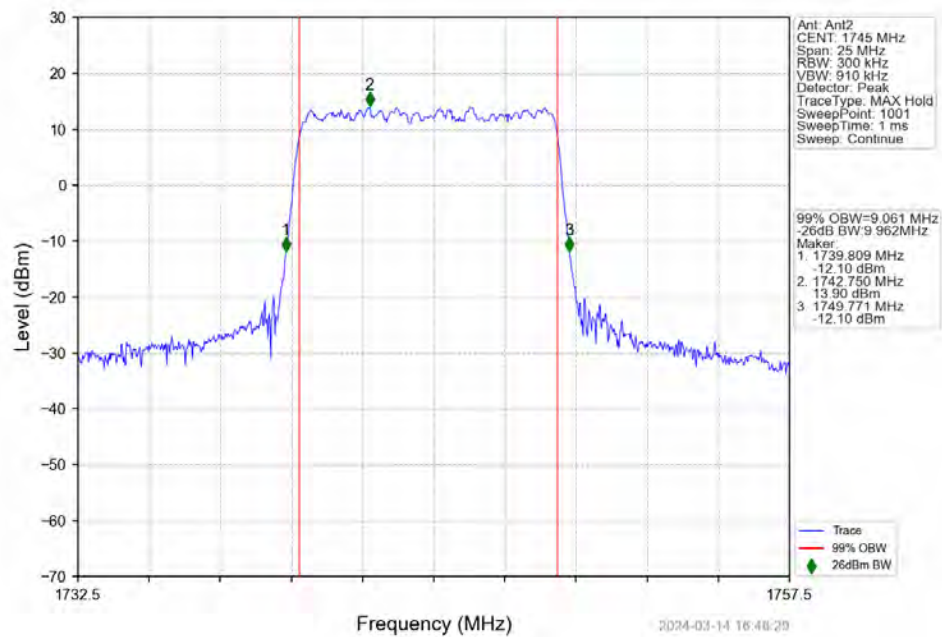
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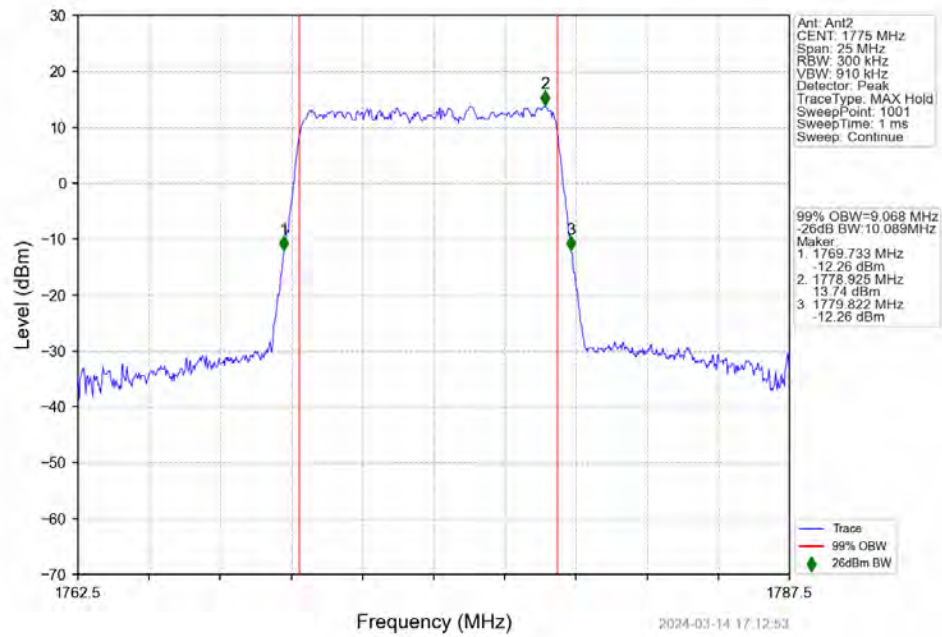
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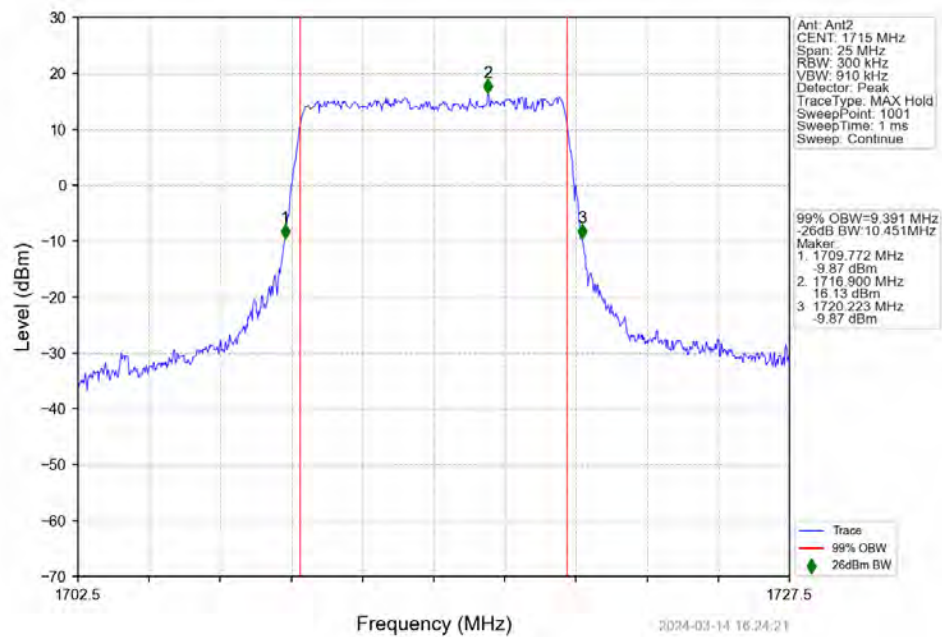
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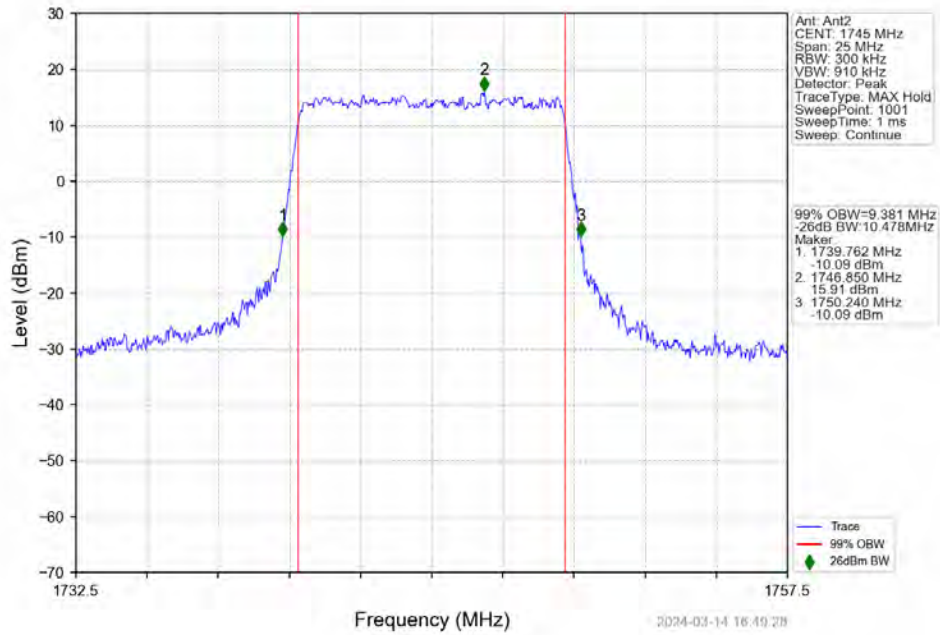
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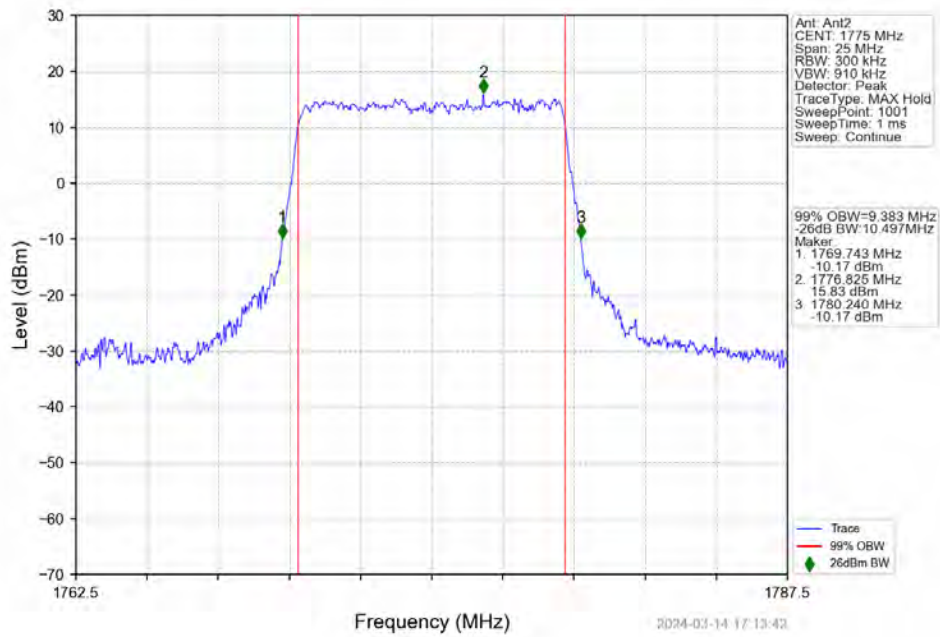
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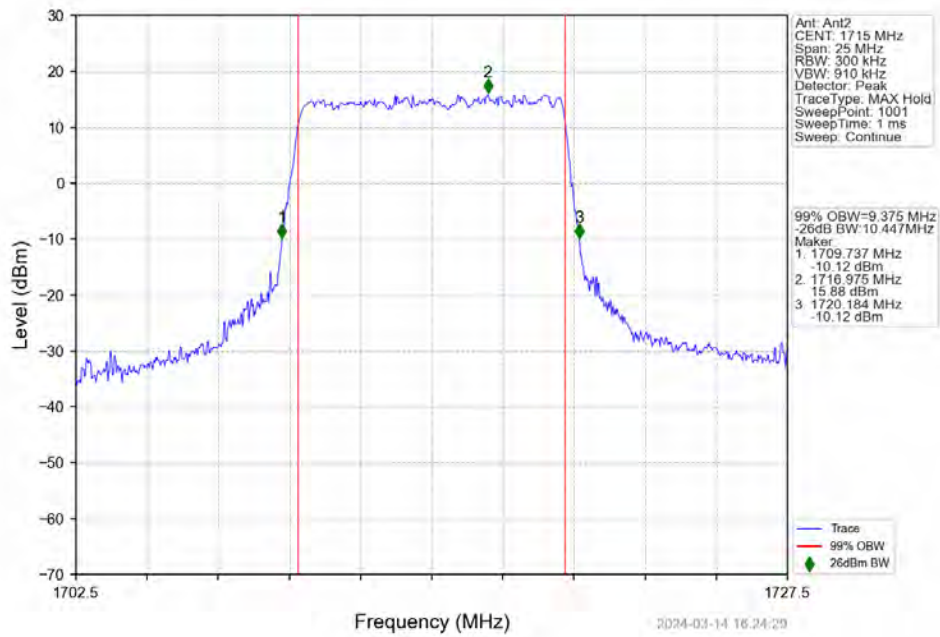
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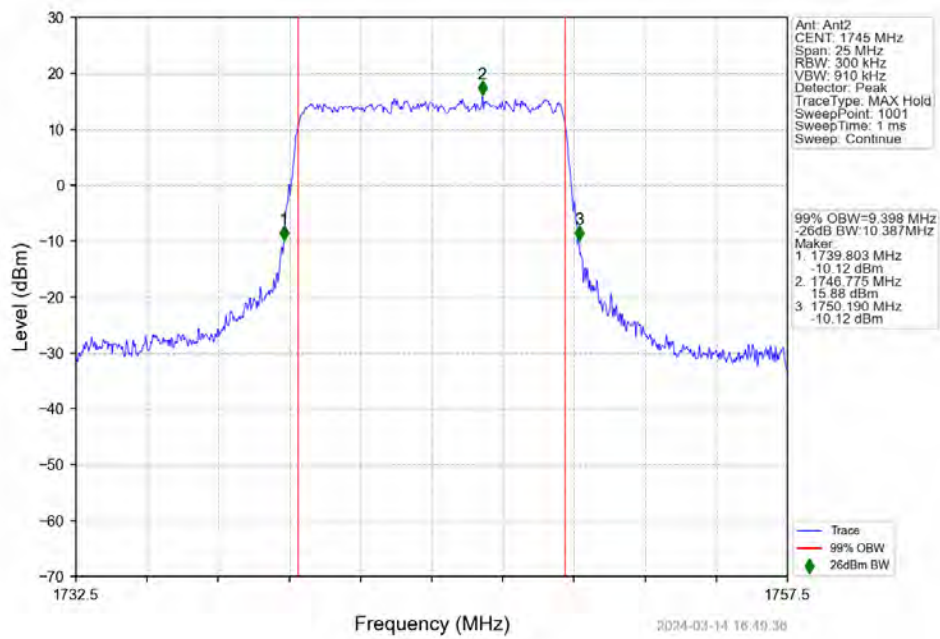
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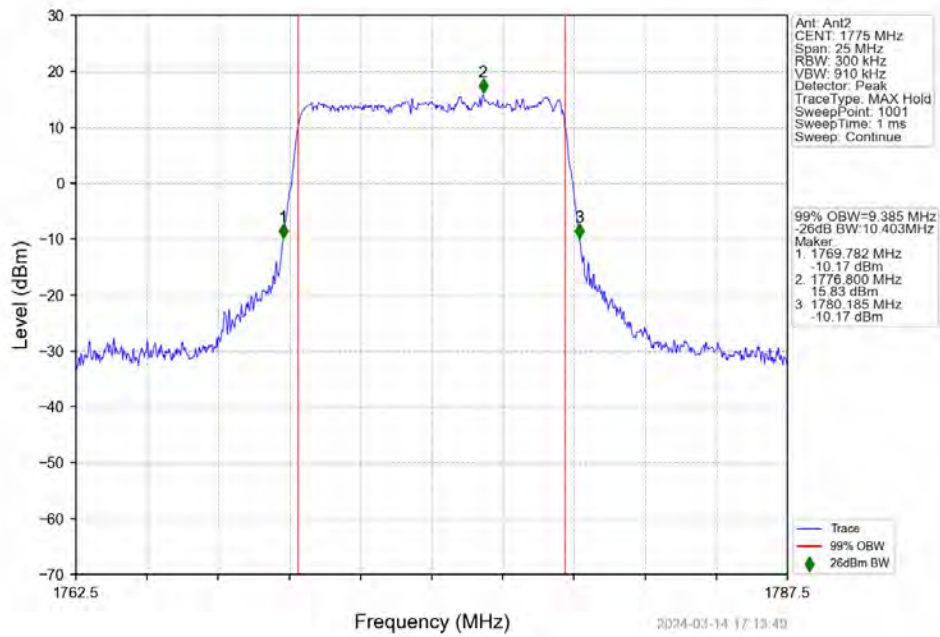
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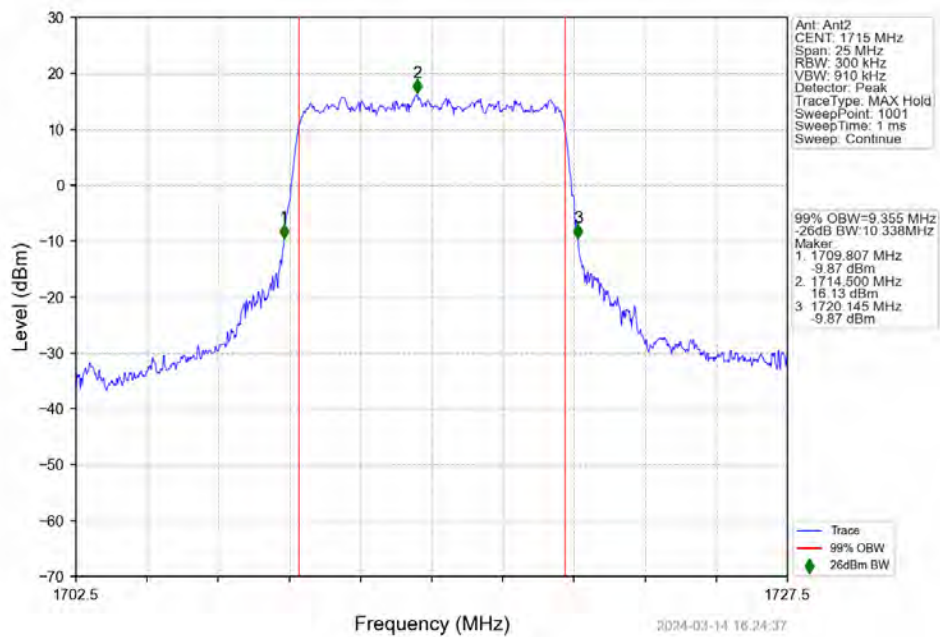
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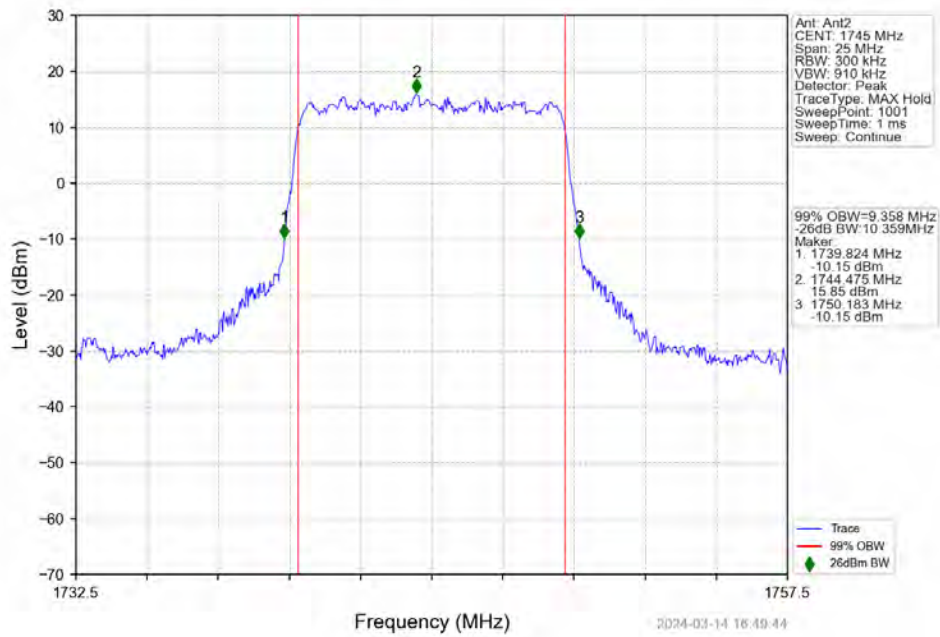
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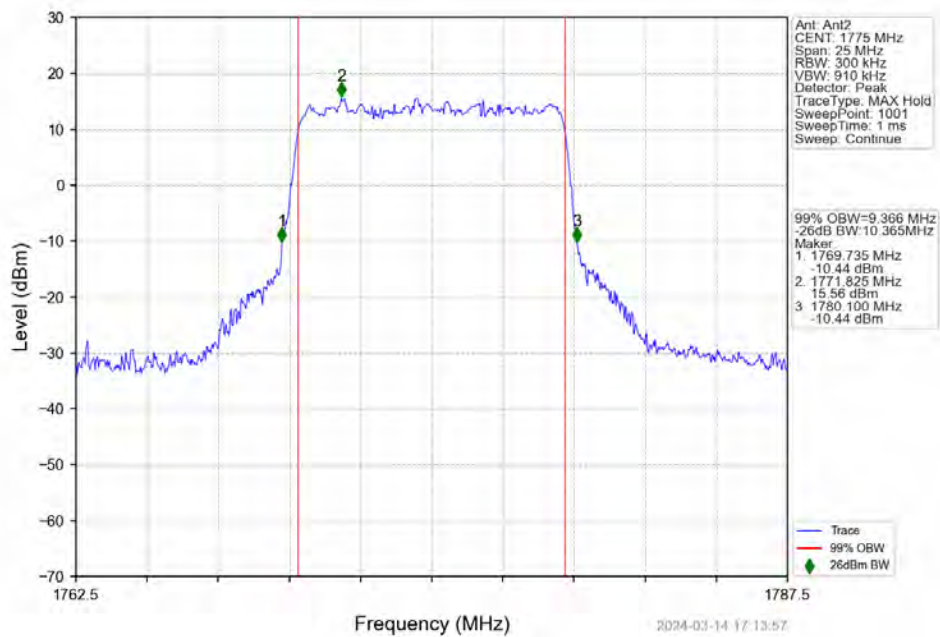
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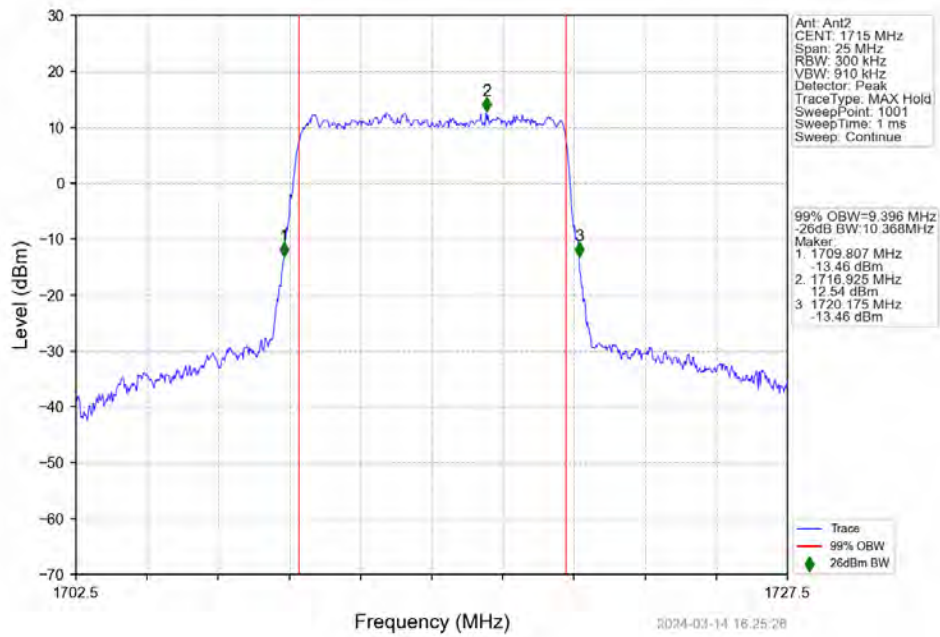
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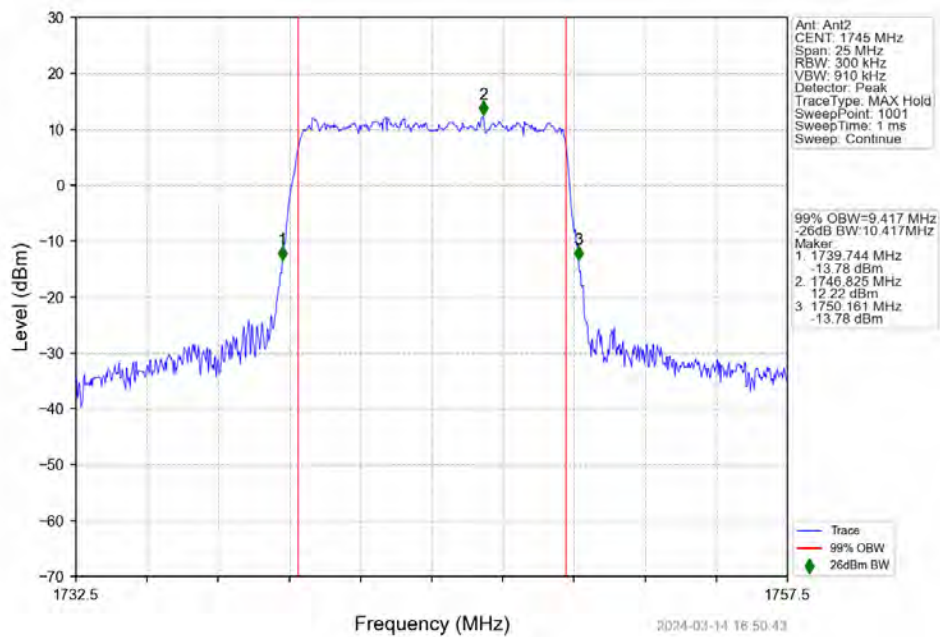
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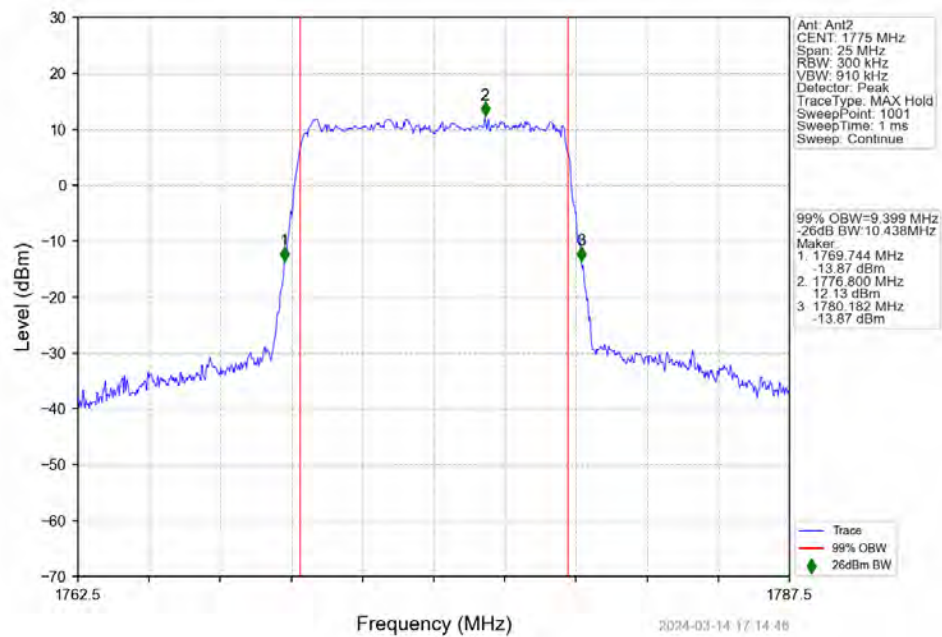


n66 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 1715MHz Outer Full



n66 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 1745MHz Outer Full



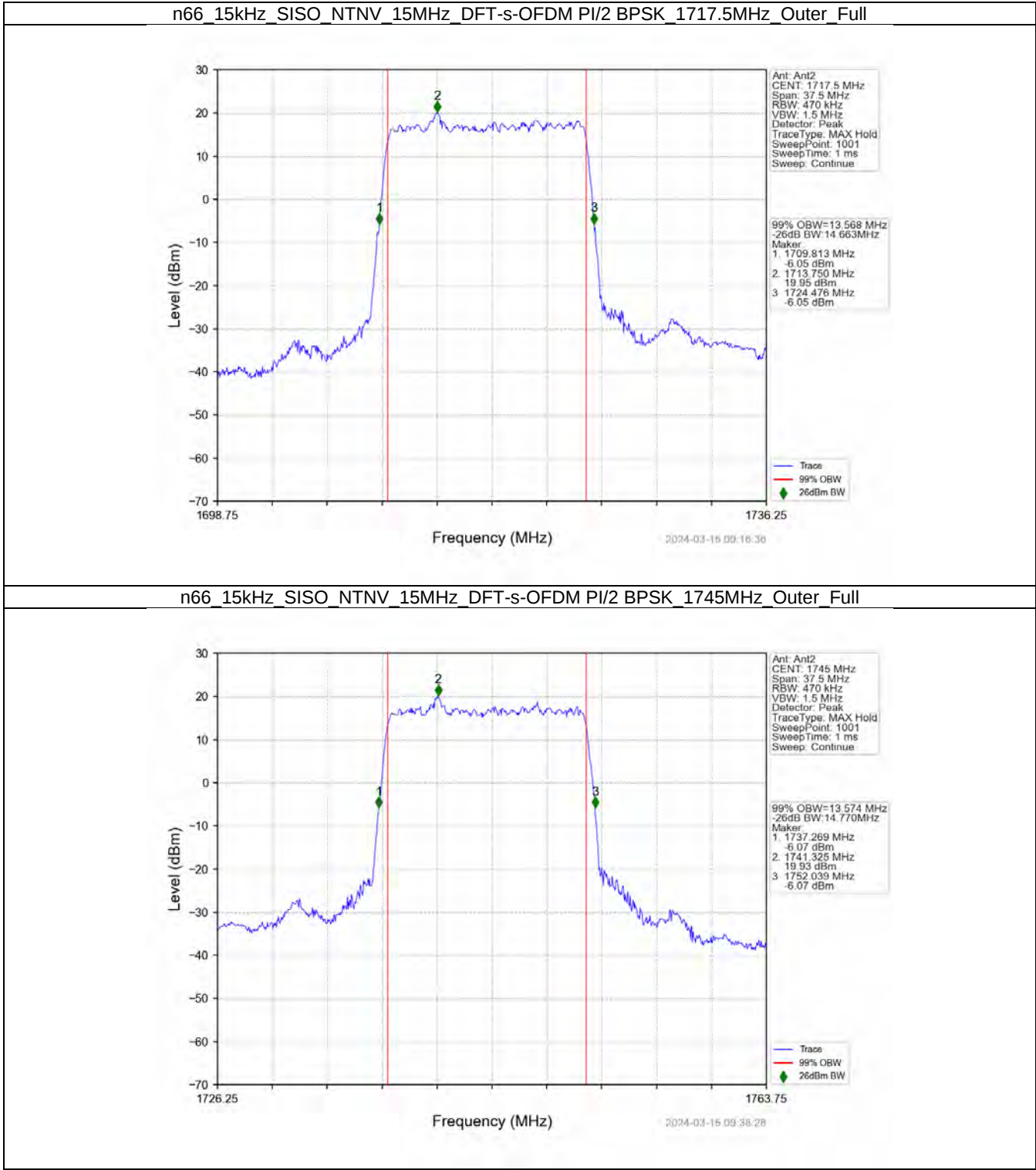


3.3 15k_SISO_15MHz_NTNV

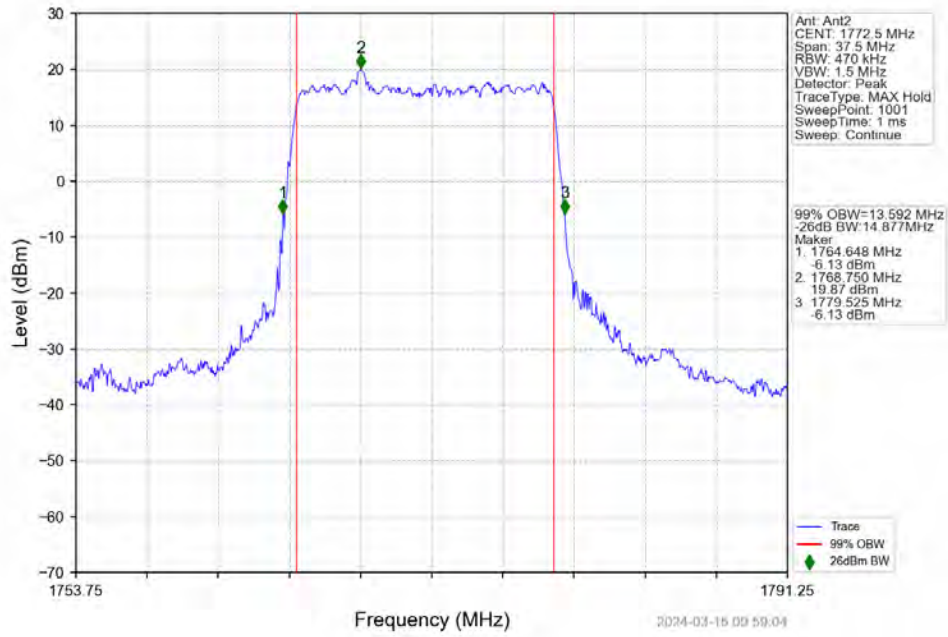
3.3.1 Test Result

5G NR n66 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1717.5	Outer_Full	13.57	14.66	/	Pass
	1745	Outer_Full	13.57	14.77	/	Pass
	1772.5	Outer_Full	13.59	14.88	/	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	13.60	14.78	/	Pass
	1745	Outer_Full	13.59	14.81	/	Pass
	1772.5	Outer_Full	13.61	14.87	/	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	13.64	14.94	/	Pass
	1745	Outer_Full	13.65	14.94	/	Pass
	1772.5	Outer_Full	13.66	14.79	/	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	13.54	14.83	/	Pass
	1745	Outer_Full	13.55	14.79	/	Pass
	1772.5	Outer_Full	13.57	14.76	/	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	13.59	14.81	/	Pass
	1745	Outer_Full	13.57	14.76	/	Pass
	1772.5	Outer_Full	13.60	14.91	/	Pass
CP-OFDM QPSK	1717.5	Outer_Full	14.24	15.46	/	Pass
	1745	Outer_Full	14.22	15.46	/	Pass
	1772.5	Outer_Full	14.25	15.53	/	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	14.26	15.59	/	Pass
	1745	Outer_Full	14.25	15.53	/	Pass
	1772.5	Outer_Full	14.28	15.54	/	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	14.31	15.56	/	Pass
	1745	Outer_Full	14.28	15.48	/	Pass
	1772.5	Outer_Full	14.32	15.58	/	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	14.22	15.47	/	Pass
	1745	Outer_Full	14.23	15.56	/	Pass
	1772.5	Outer_Full	14.28	15.60	/	Pass

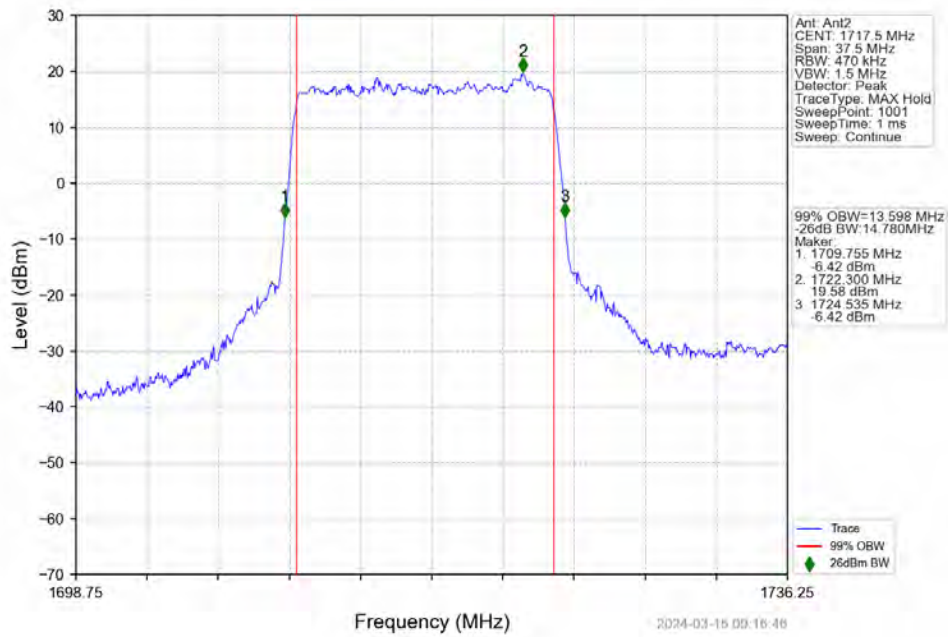
3.3.2 Test Graph



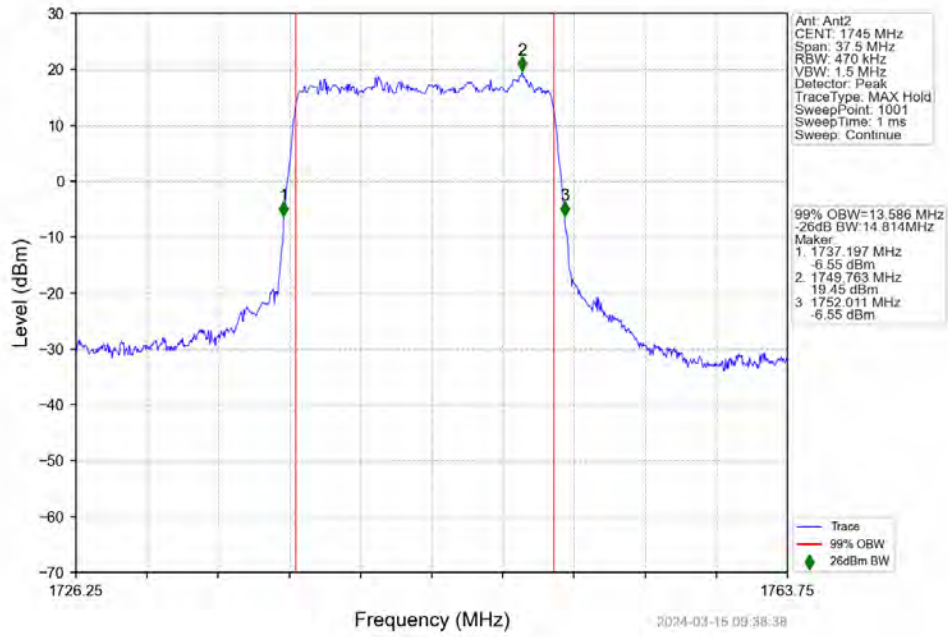
n66 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1772.5MHz Outer Full



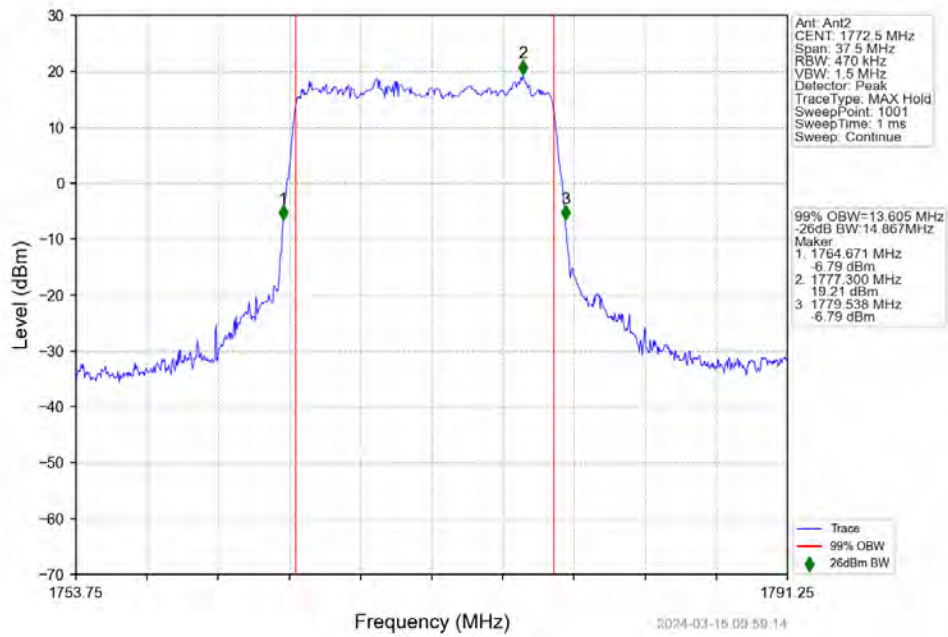
n66 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1717.5MHz Outer Full



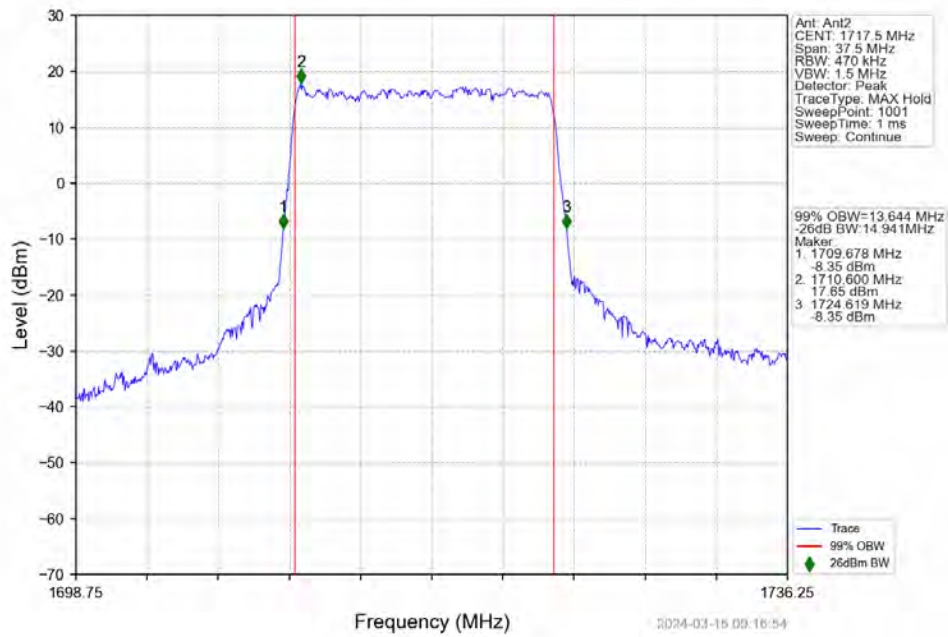
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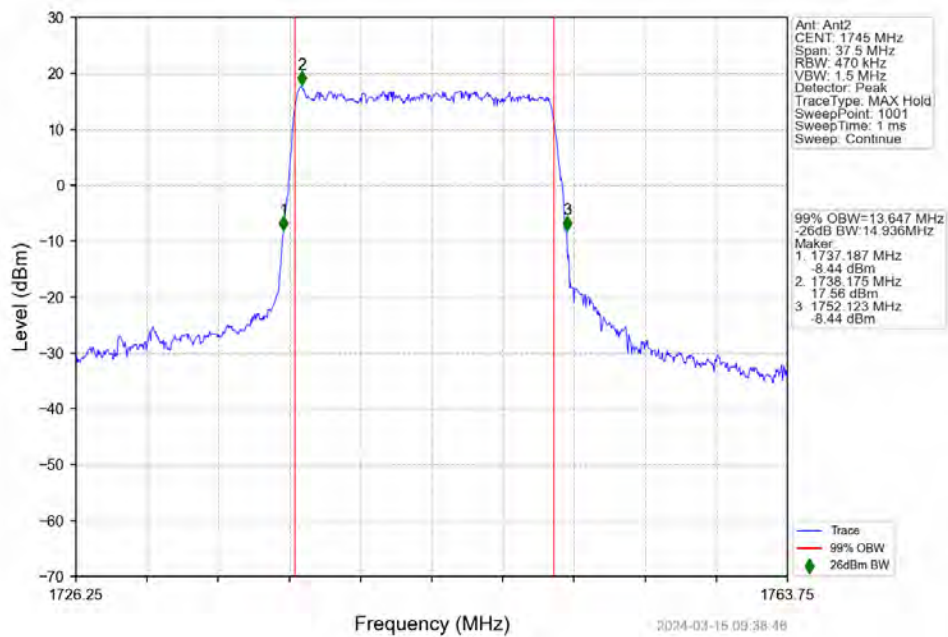
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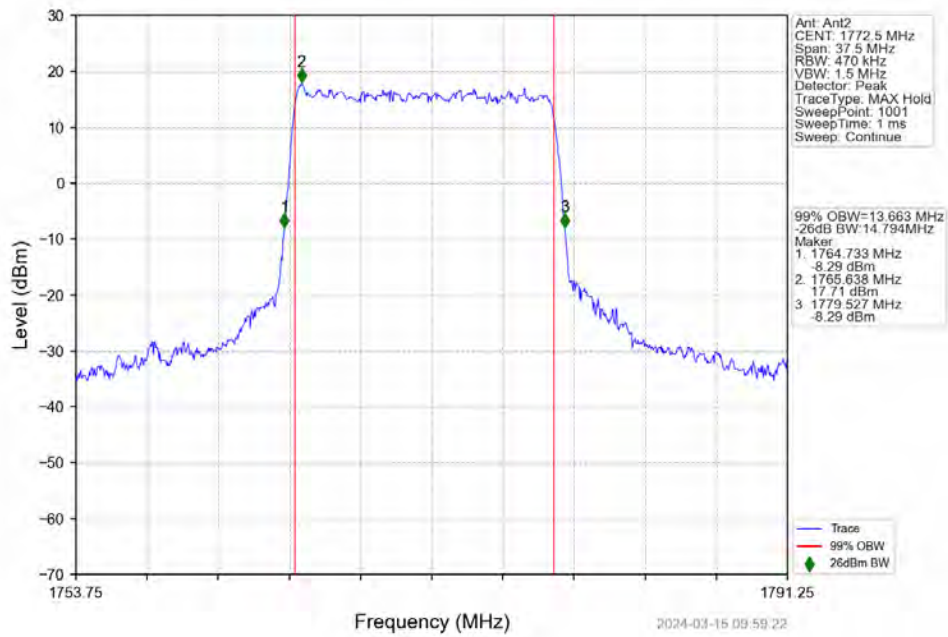
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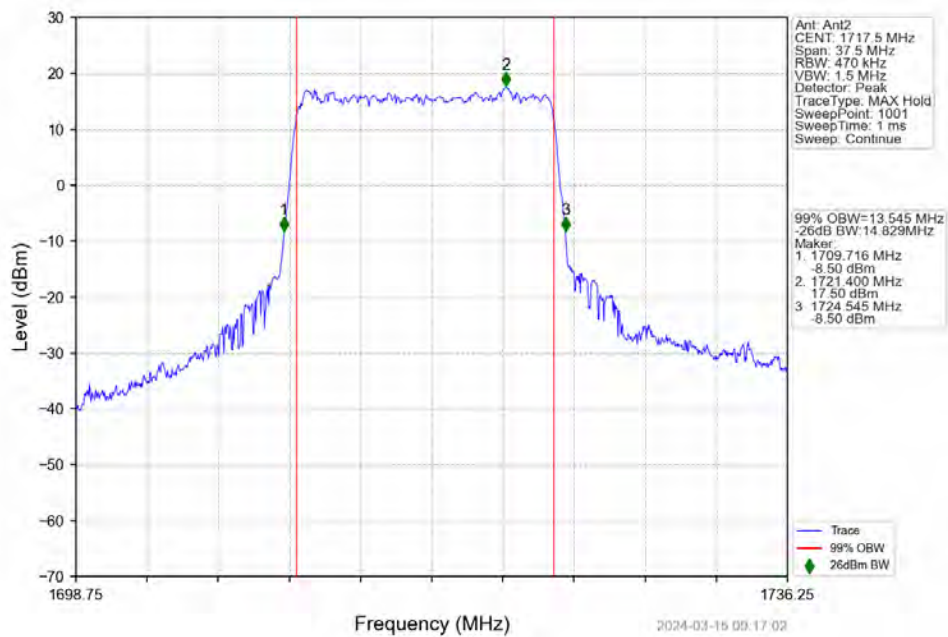
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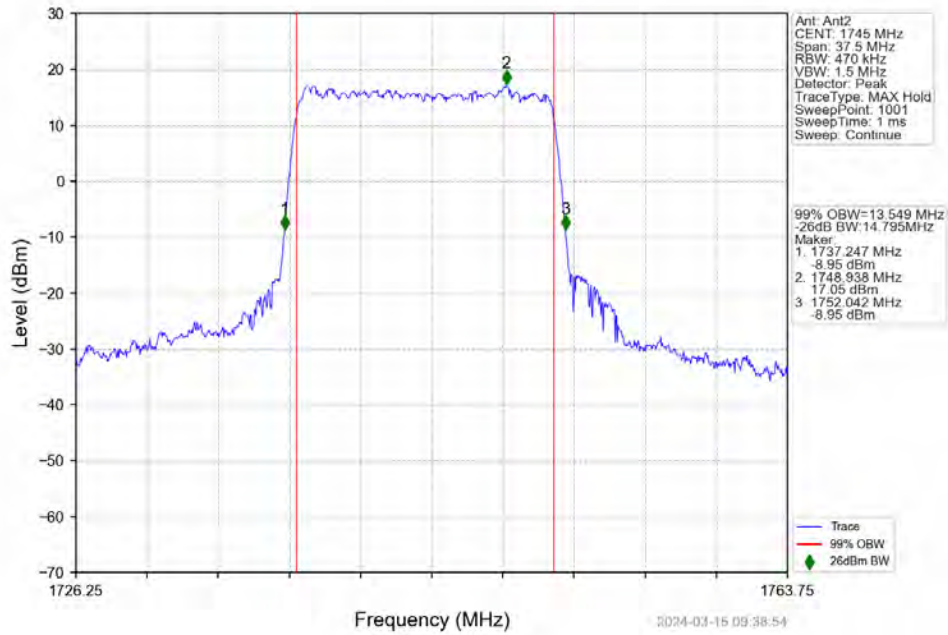
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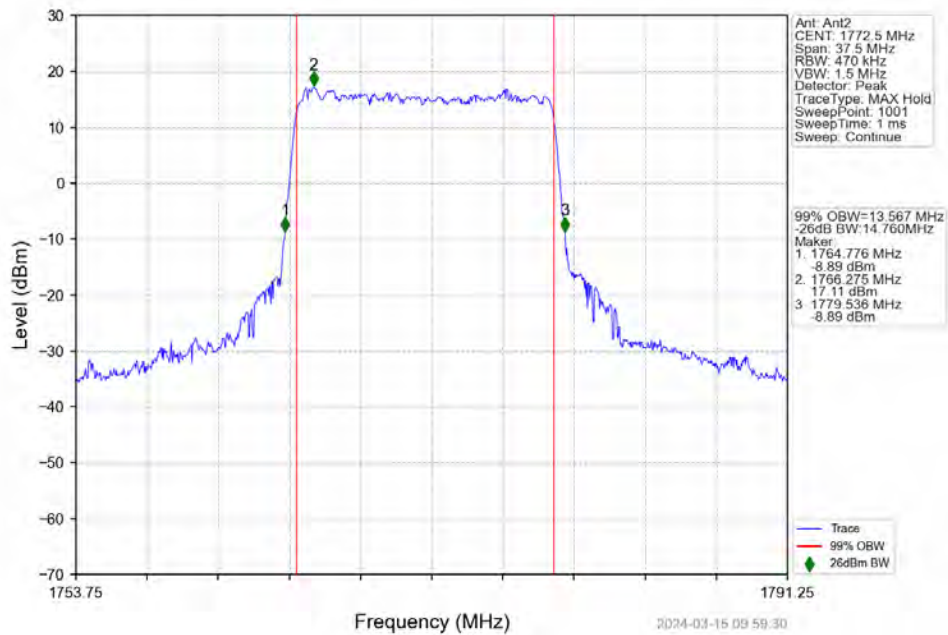
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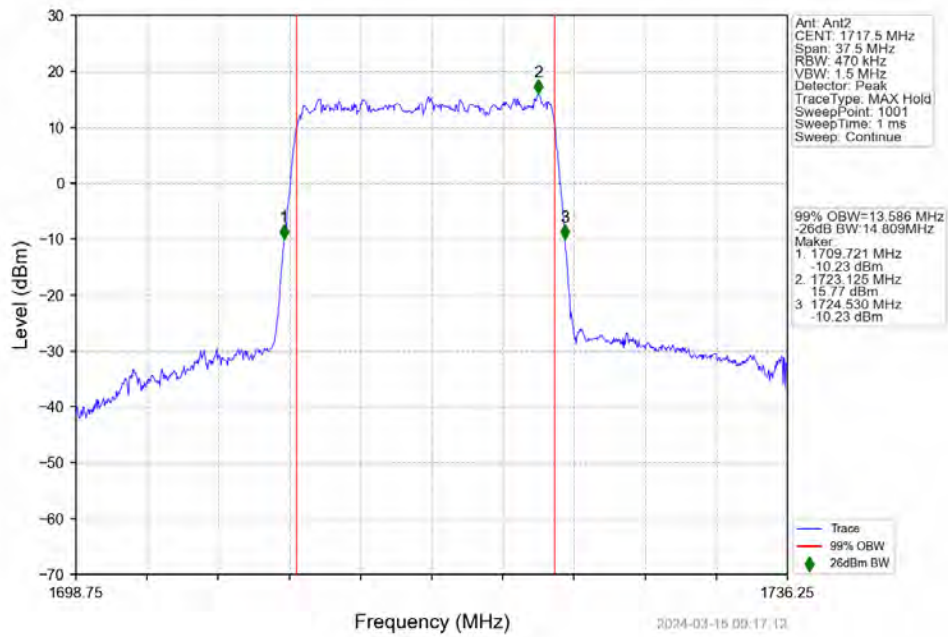
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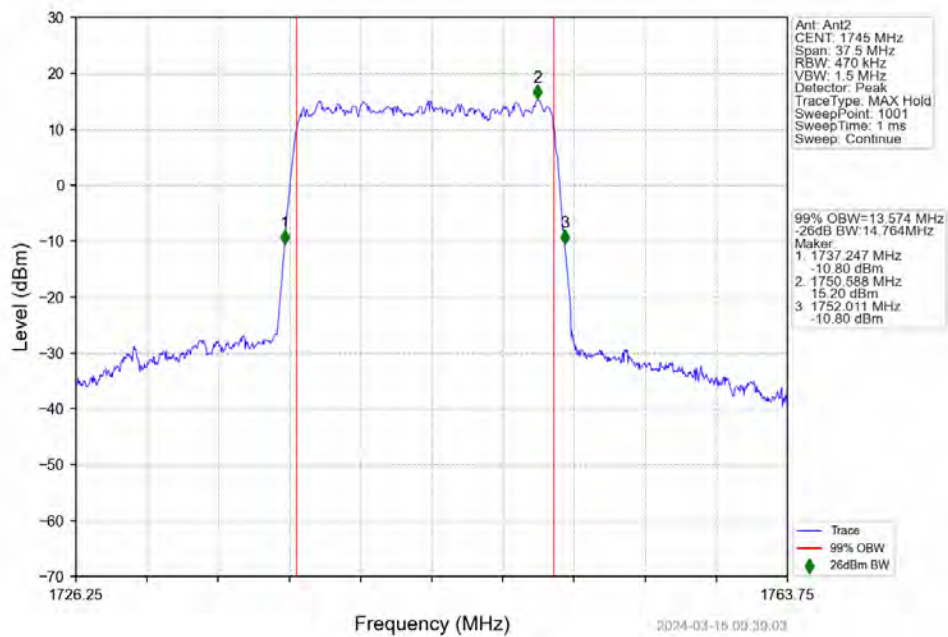
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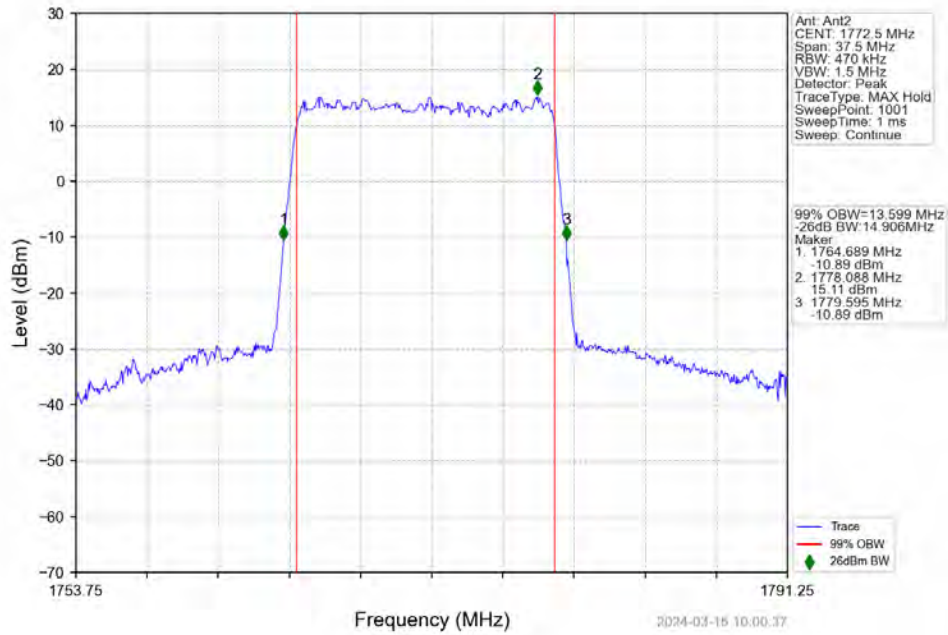
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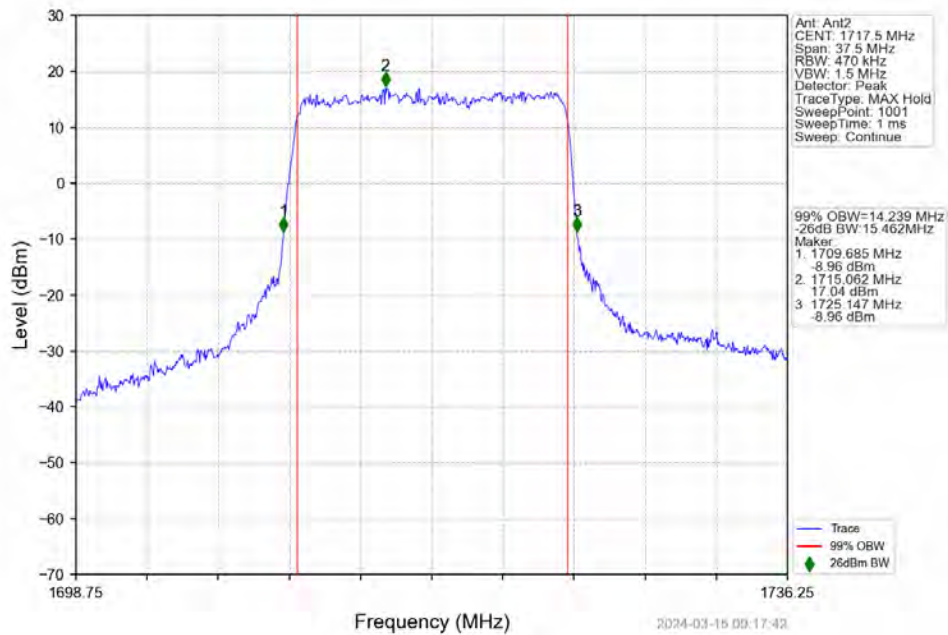
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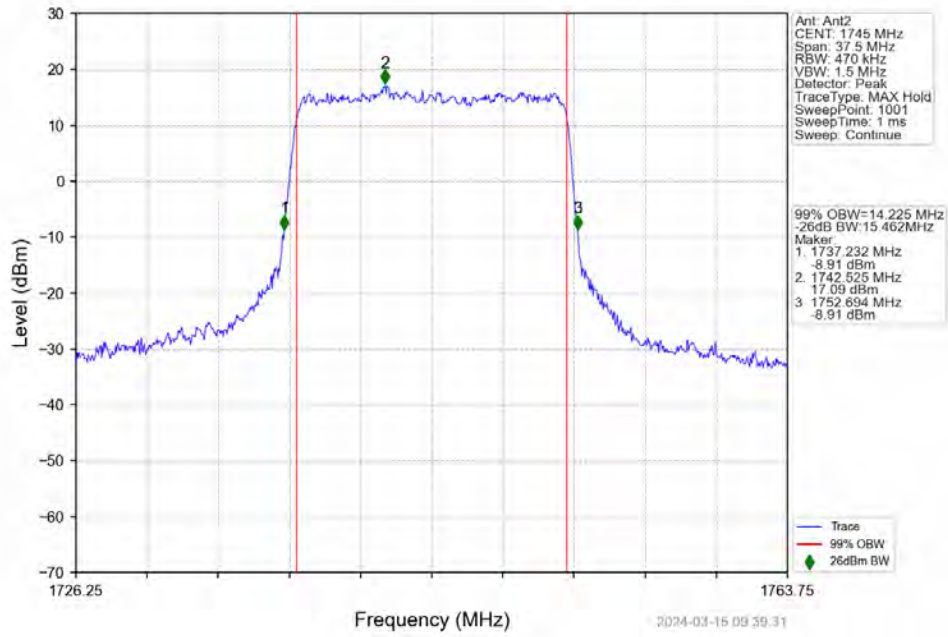
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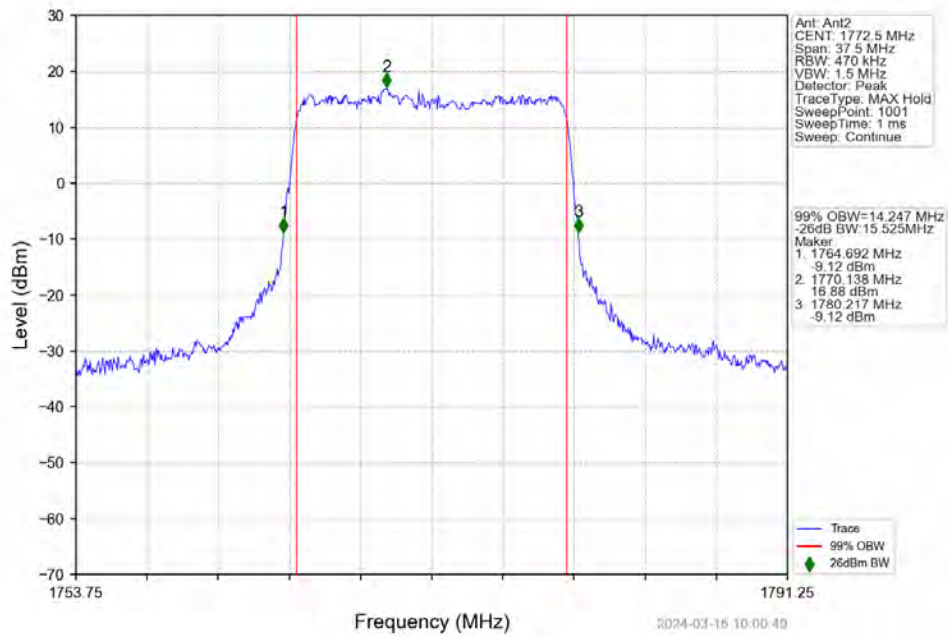
n66 15kHz SISO NTNV 15MHz CP-OFDM QPSK 1717.5MHz Outer Full



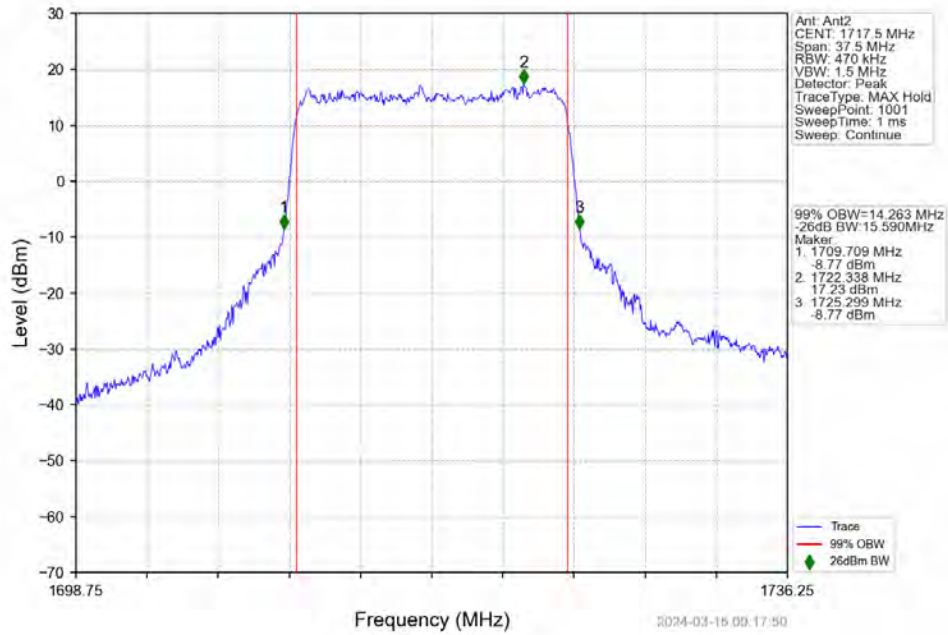
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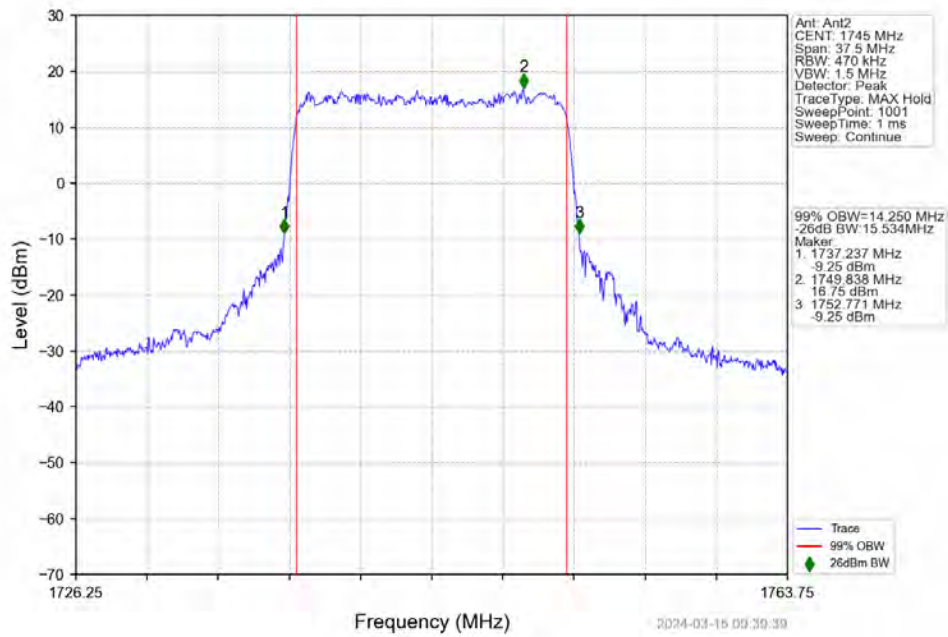
n66 15kHz SISO NTN 15MHz CP-OFDM QPSK 1772.5MHz Outer Full



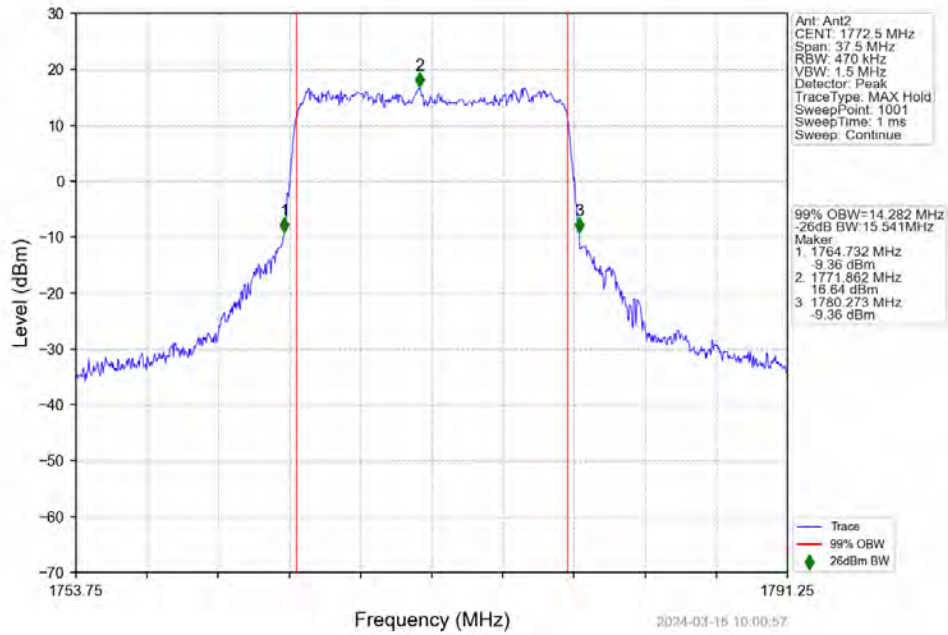
n66 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 1717.5MHz Outer Full



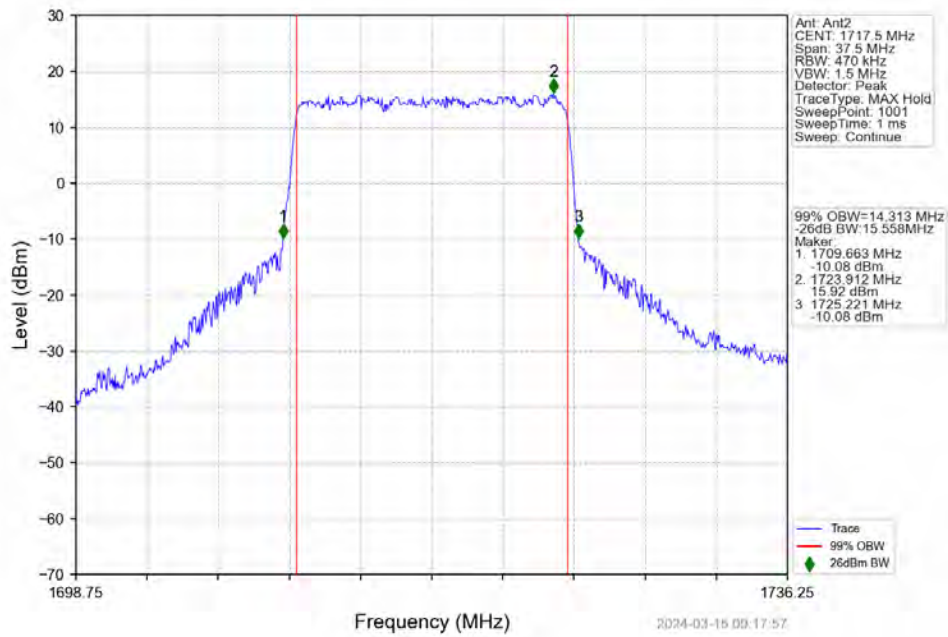
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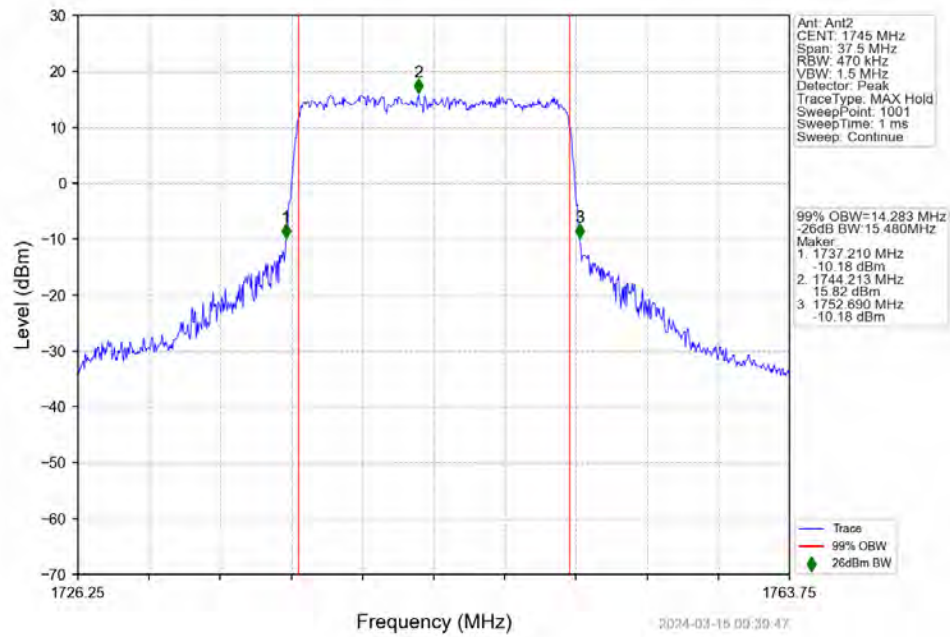
n66 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 1772.5MHz Outer Full



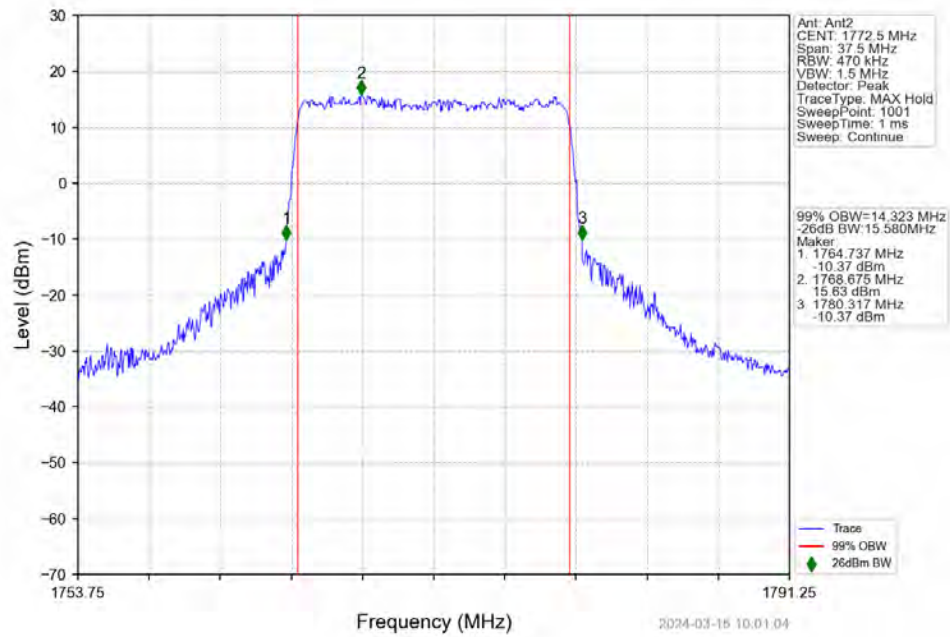
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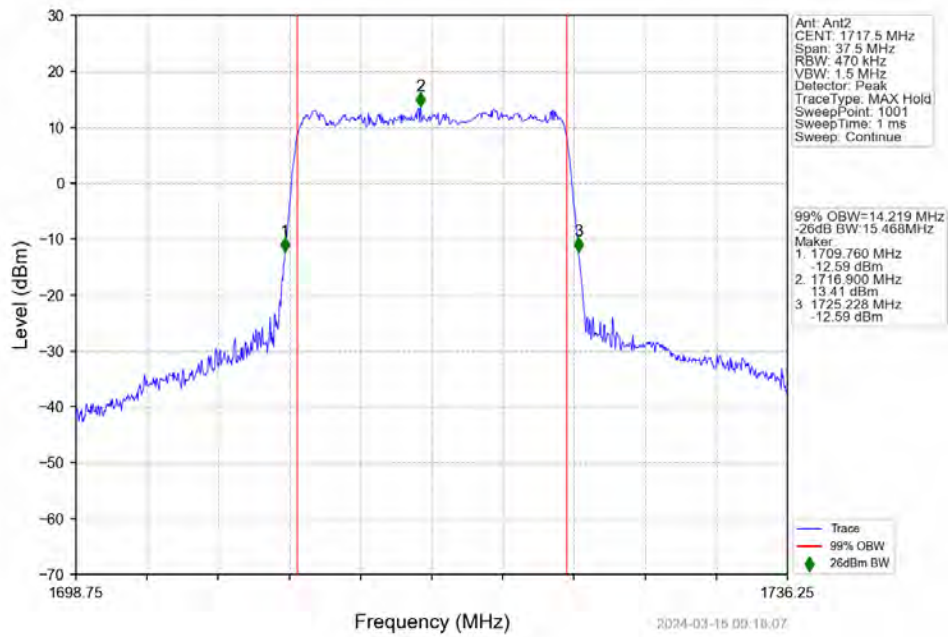
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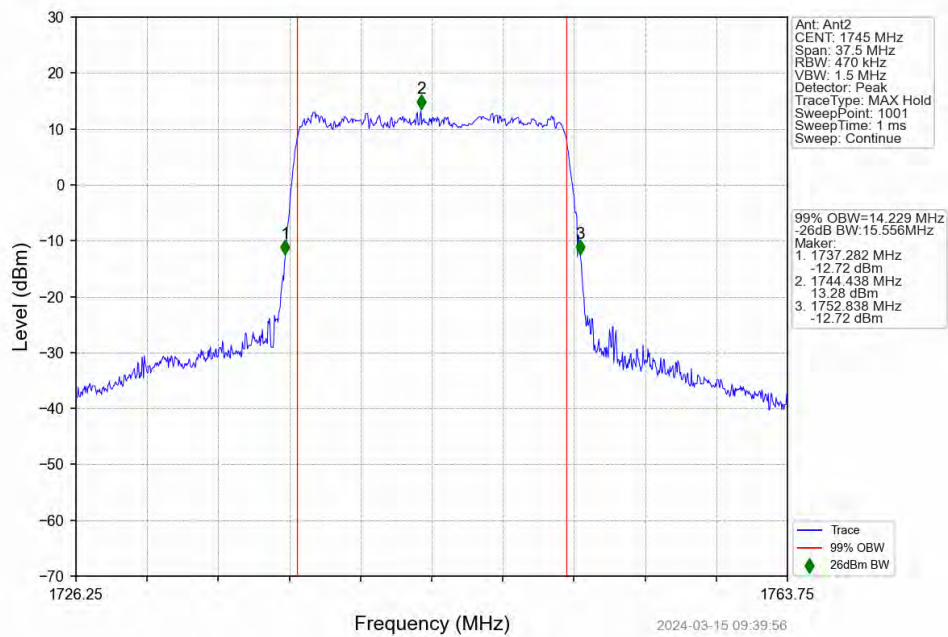
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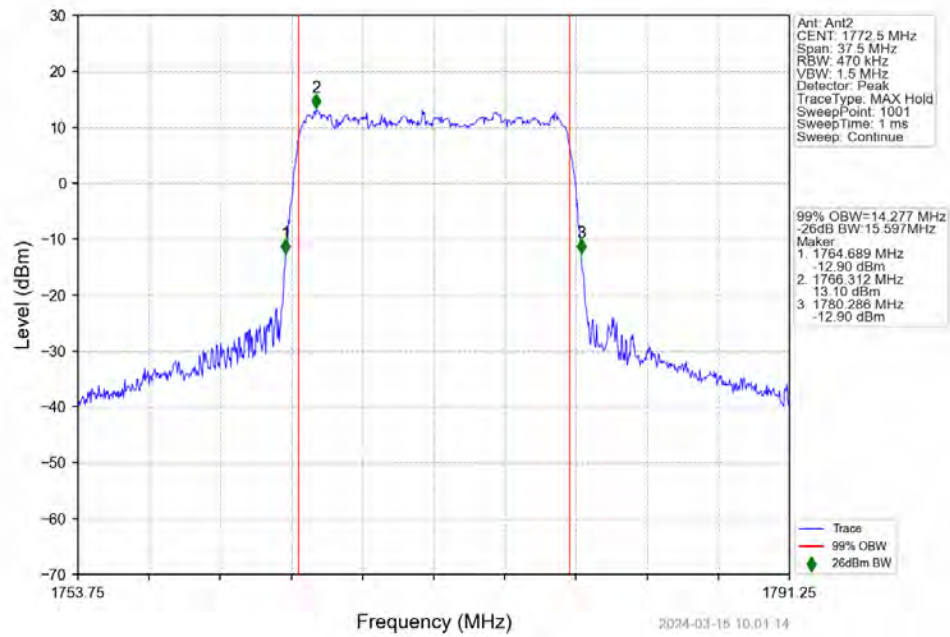
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n66 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 1745MHz Outer Full



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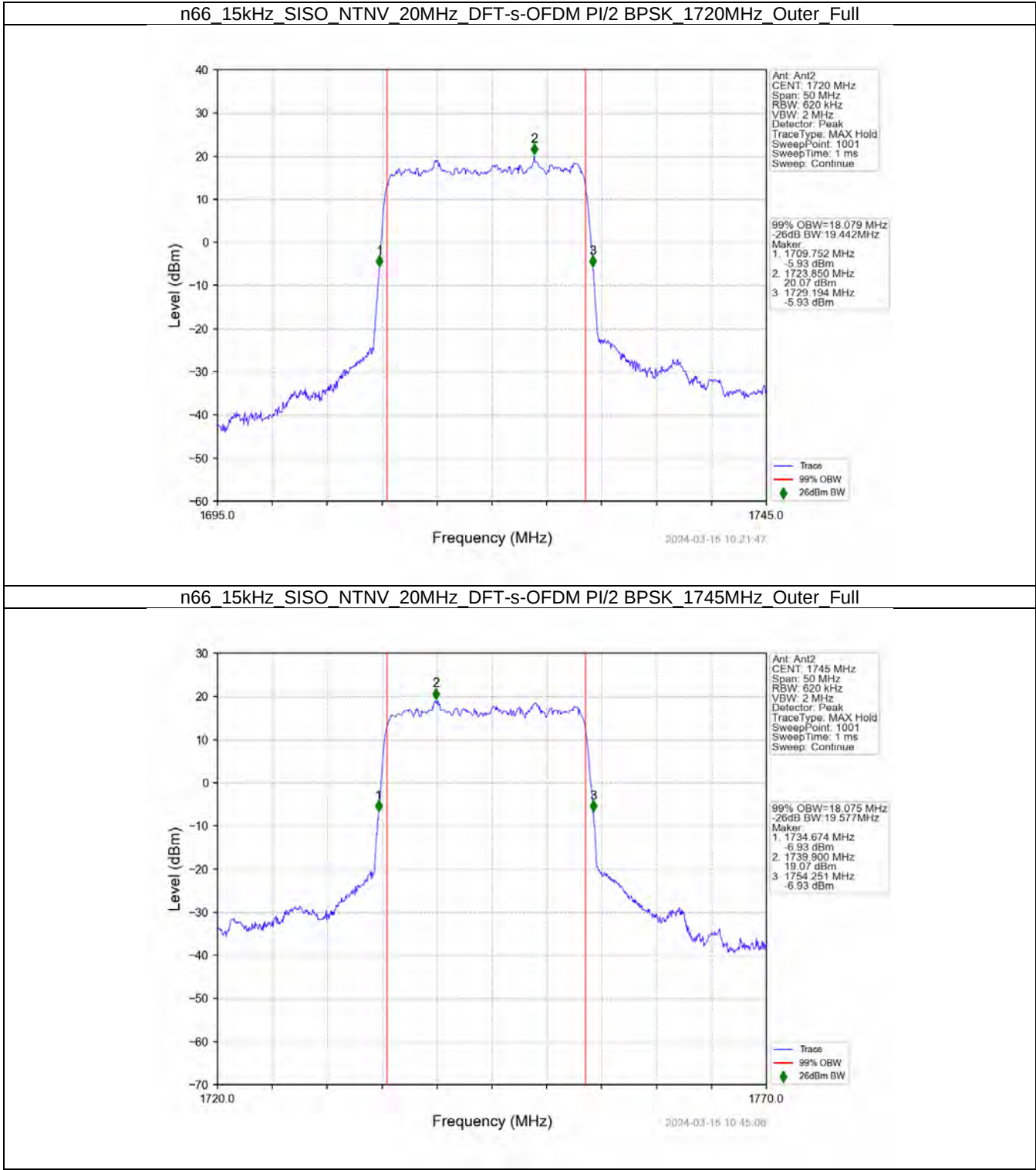


3.4 15k_SISO_20MHz_NTNV

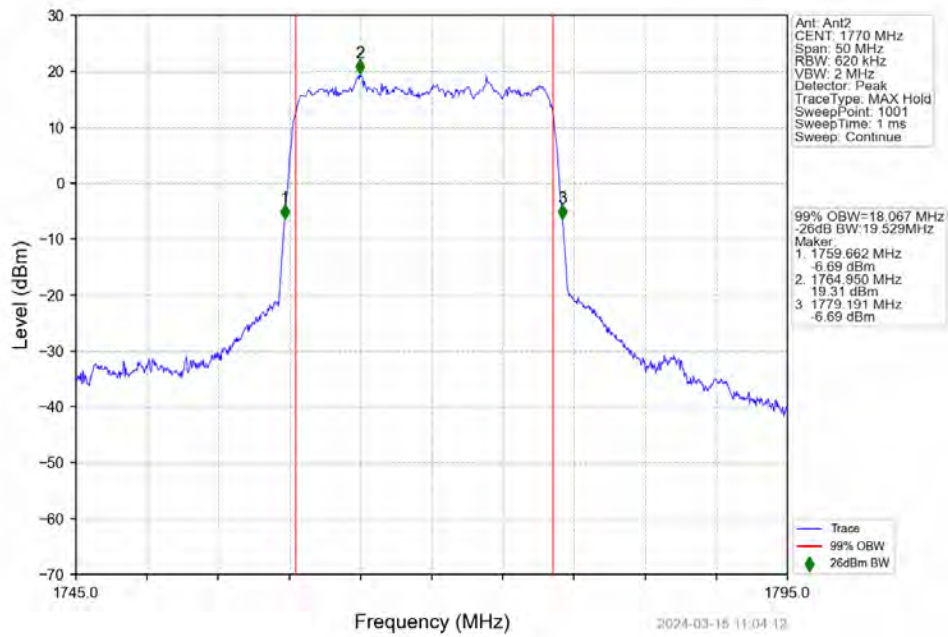
3.4.1 Test Result

5G NR n66 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	18.08	19.44	/	Pass
	1745	Outer_Full	18.07	19.58	/	Pass
	1770	Outer_Full	18.07	19.53	/	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	18.05	19.68	/	Pass
	1745	Outer_Full	18.02	19.64	/	Pass
	1770	Outer_Full	18.05	19.54	/	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	18.02	19.52	/	Pass
	1745	Outer_Full	18.03	19.51	/	Pass
	1770	Outer_Full	18.02	19.55	/	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	18.05	19.57	/	Pass
	1745	Outer_Full	18.02	19.50	/	Pass
	1770	Outer_Full	18.04	19.53	/	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	18.07	19.45	/	Pass
	1745	Outer_Full	18.04	19.42	/	Pass
	1770	Outer_Full	18.06	19.44	/	Pass
CP-OFDM QPSK	1720	Outer_Full	19.05	20.60	/	Pass
	1745	Outer_Full	19.02	20.62	/	Pass
	1770	Outer_Full	19.03	20.62	/	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.11	20.64	/	Pass
	1745	Outer_Full	19.08	20.71	/	Pass
	1770	Outer_Full	19.10	20.75	/	Pass
CP-OFDM 64 QAM	1720	Outer_Full	19.14	20.67	/	Pass
	1745	Outer_Full	19.11	20.55	/	Pass
	1770	Outer_Full	19.11	20.59	/	Pass
CP-OFDM 256 QAM	1720	Outer_Full	19.20	20.65	/	Pass
	1745	Outer_Full	19.18	20.75	/	Pass
	1770	Outer_Full	19.19	20.74	/	Pass

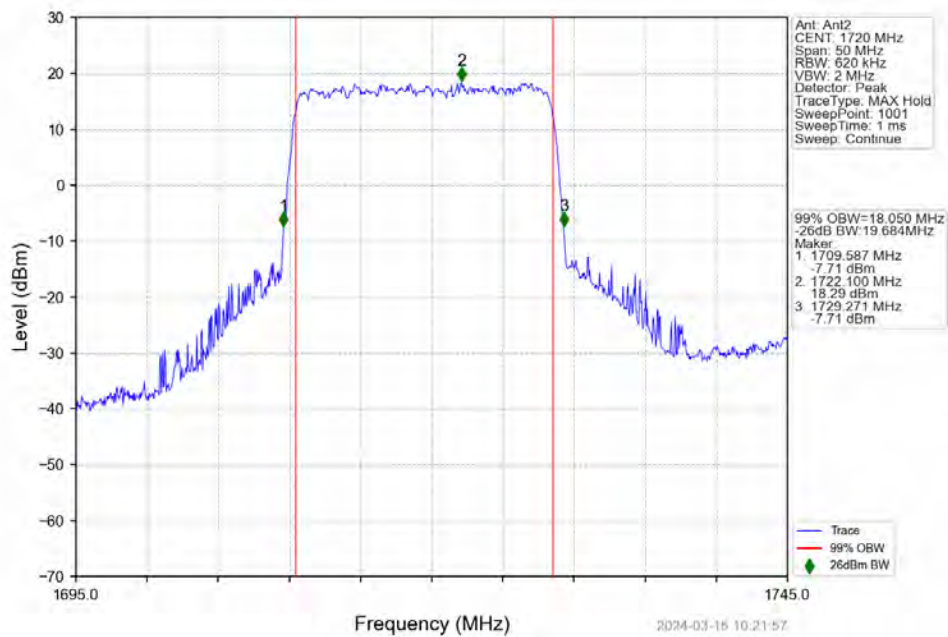
3.4.2 Test Graph



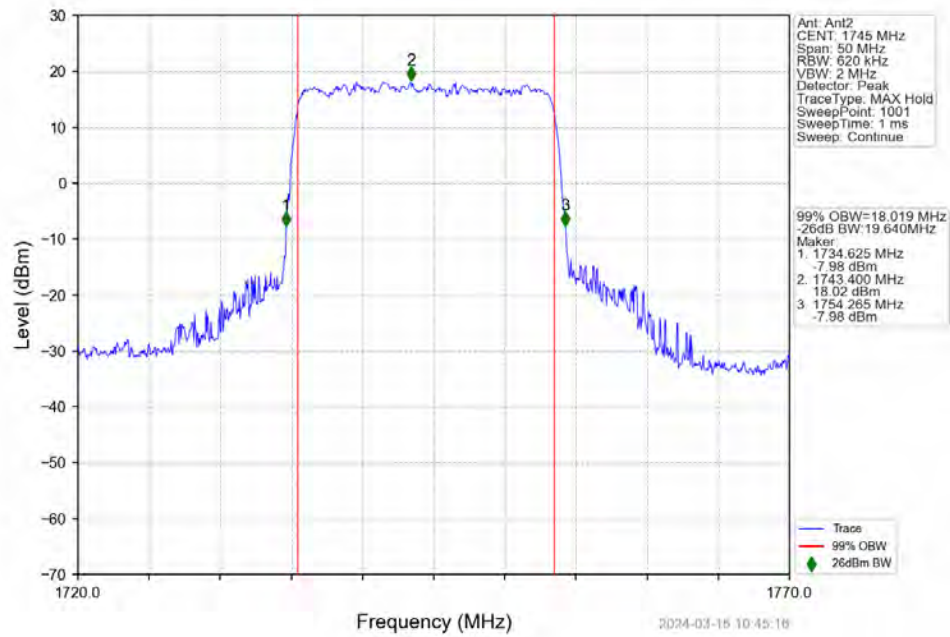
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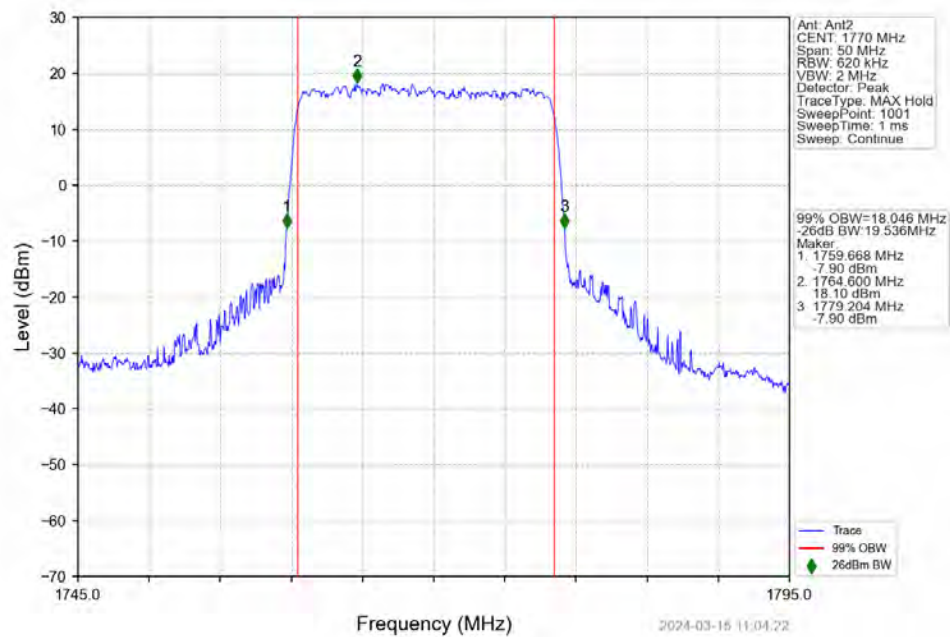
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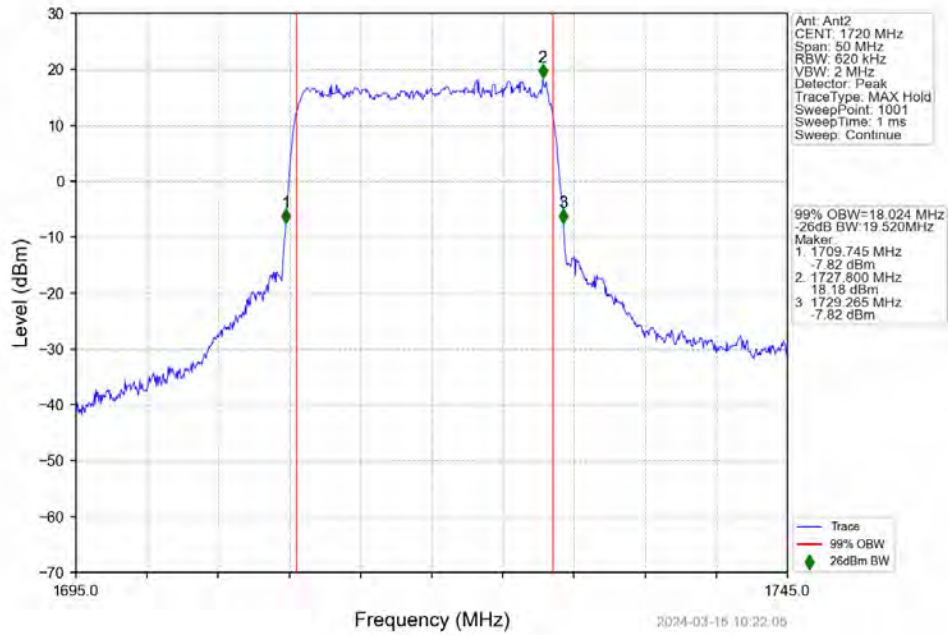
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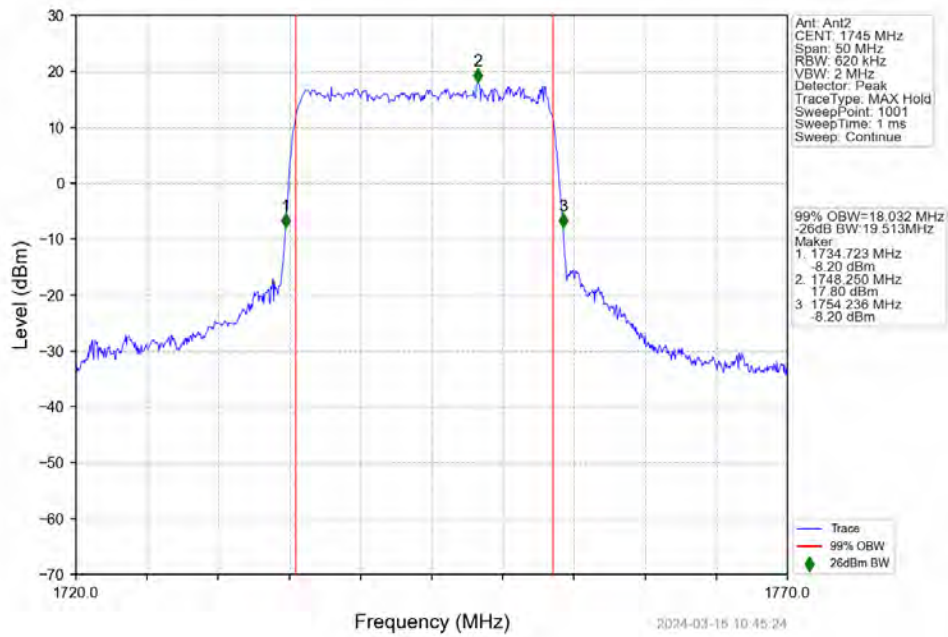
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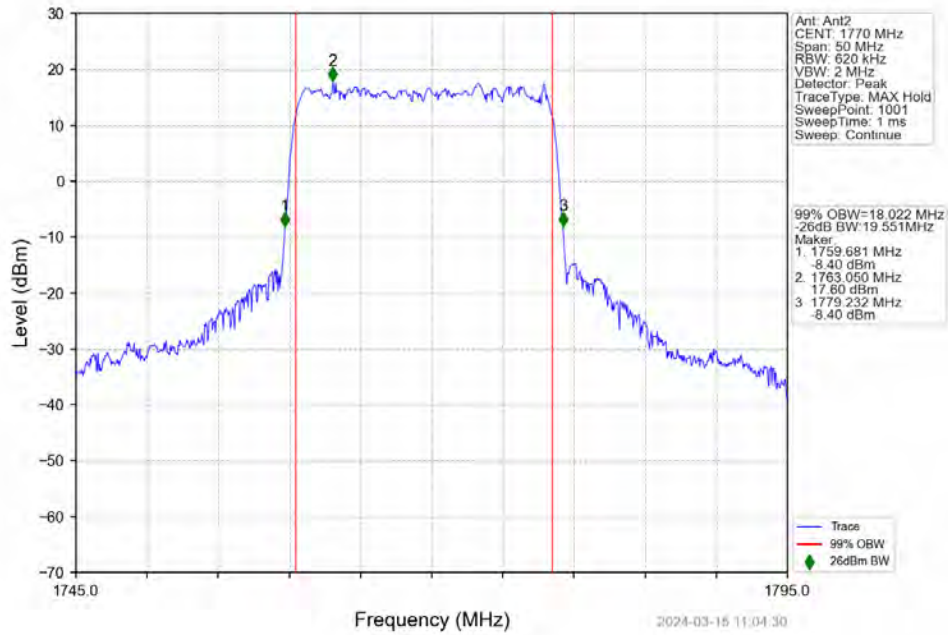
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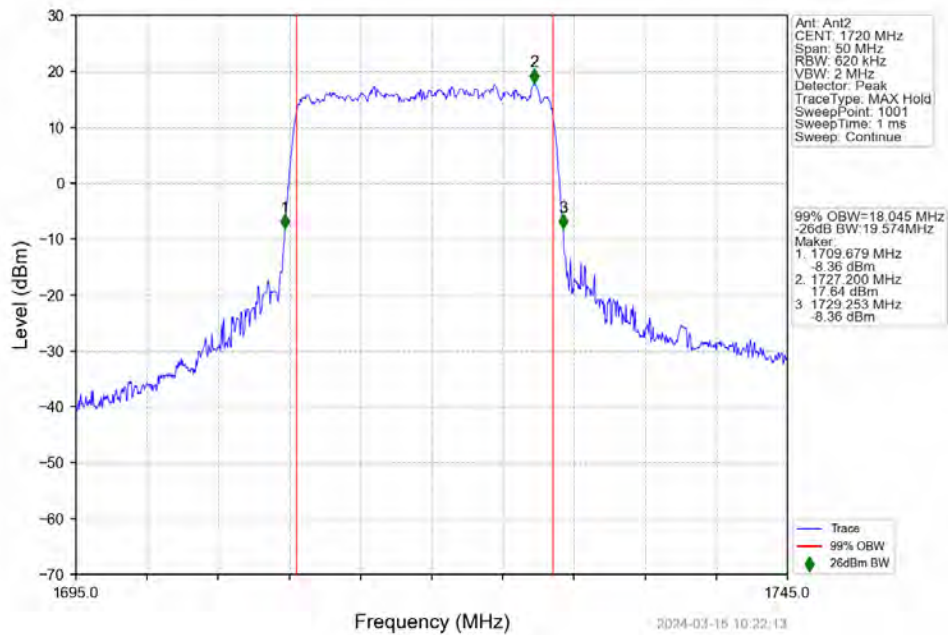
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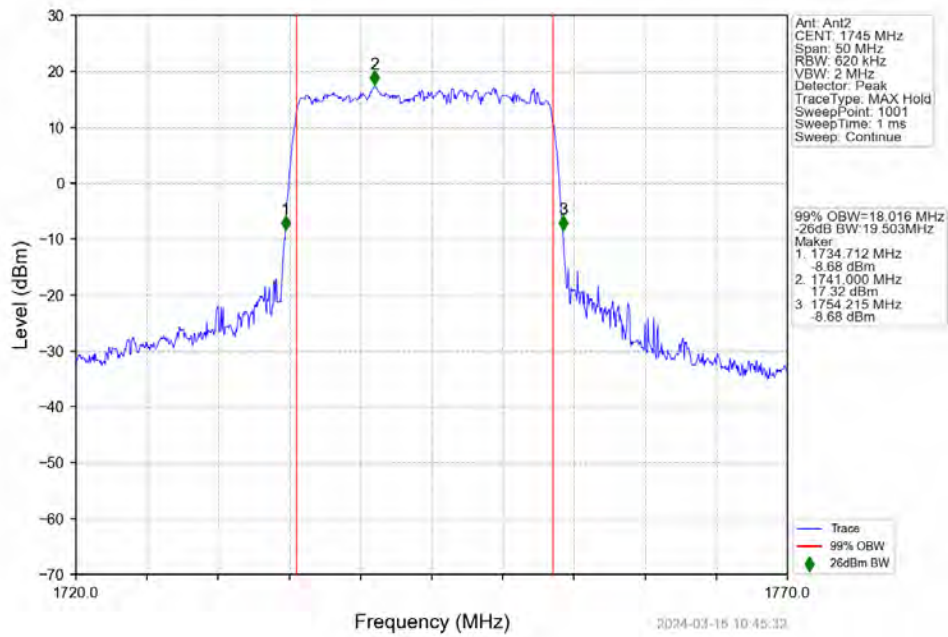
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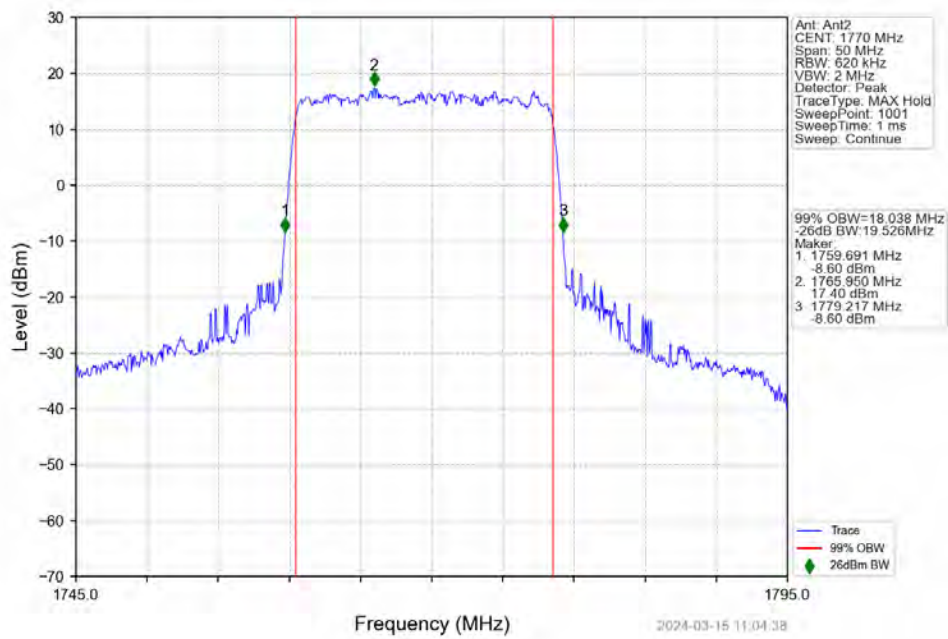
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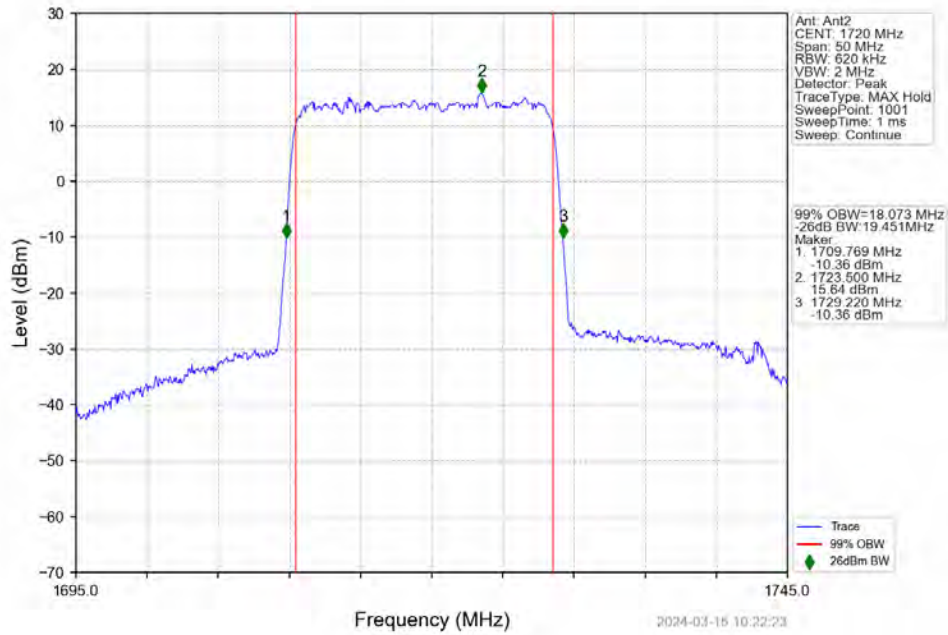
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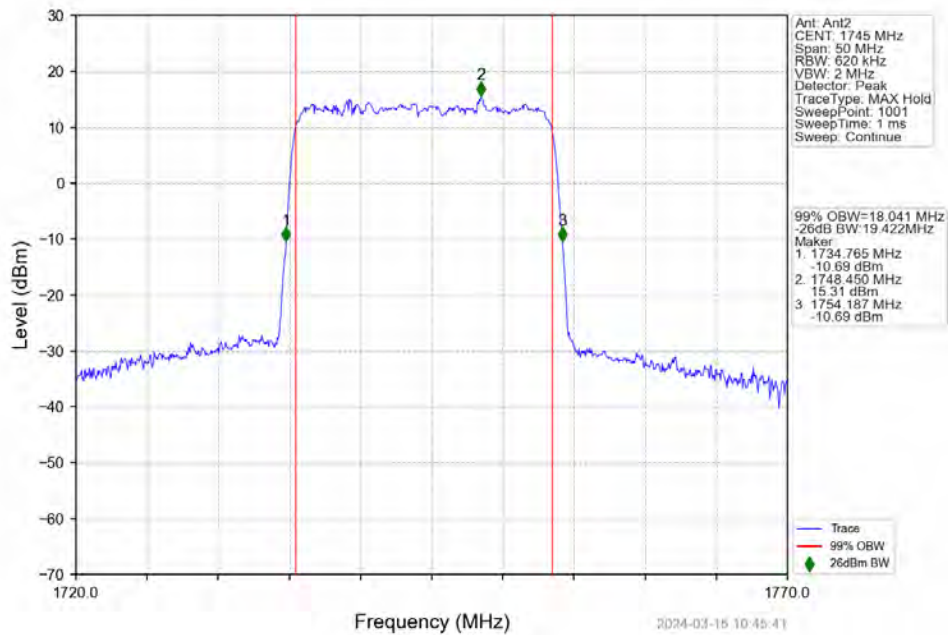
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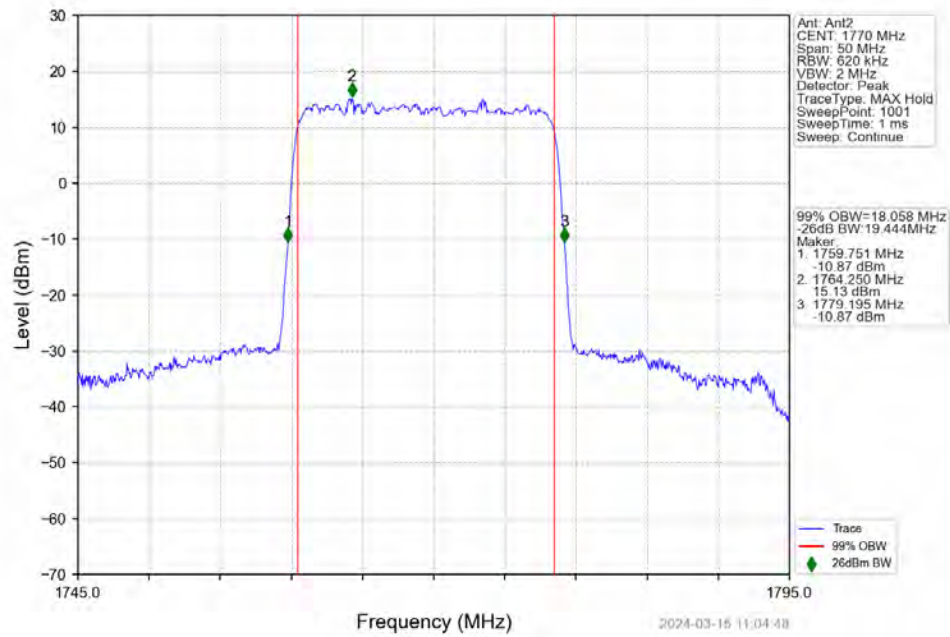
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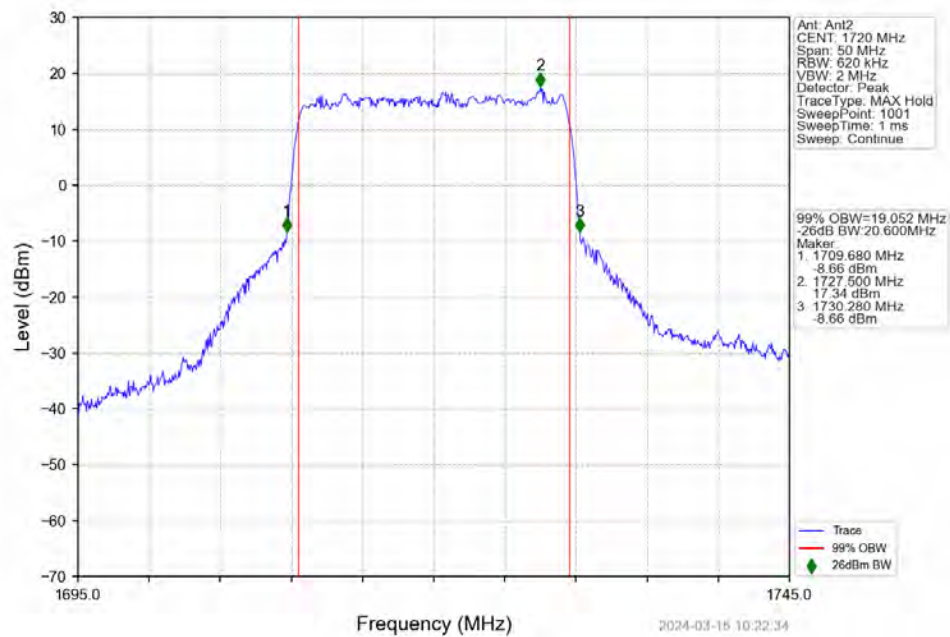
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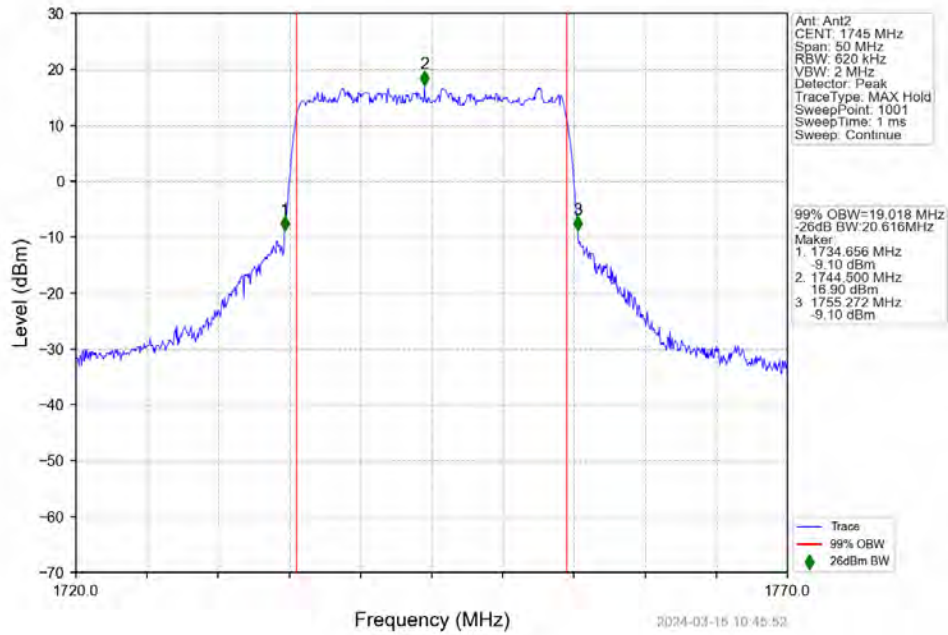
n66 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 1770MHz Outer Full



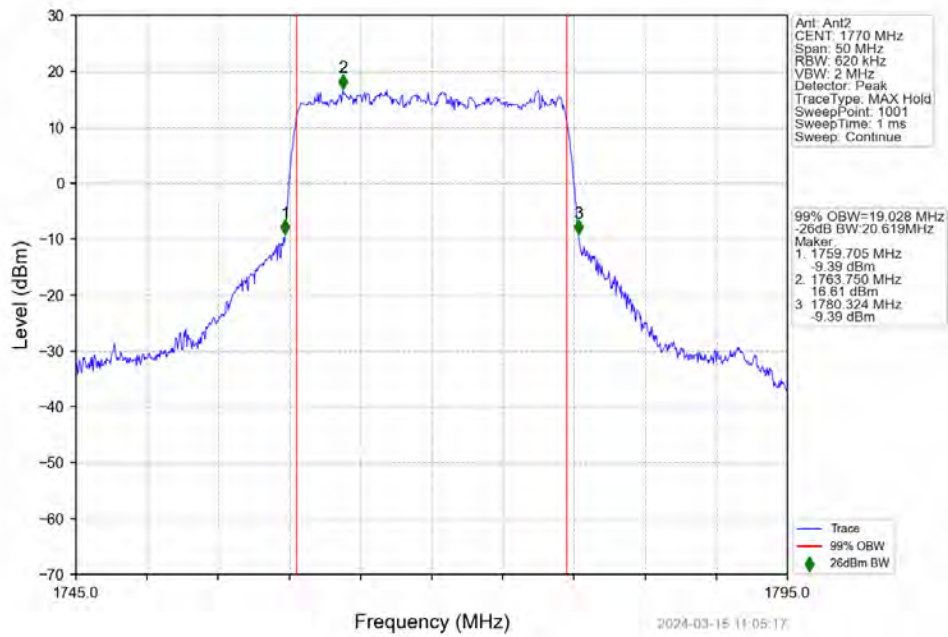
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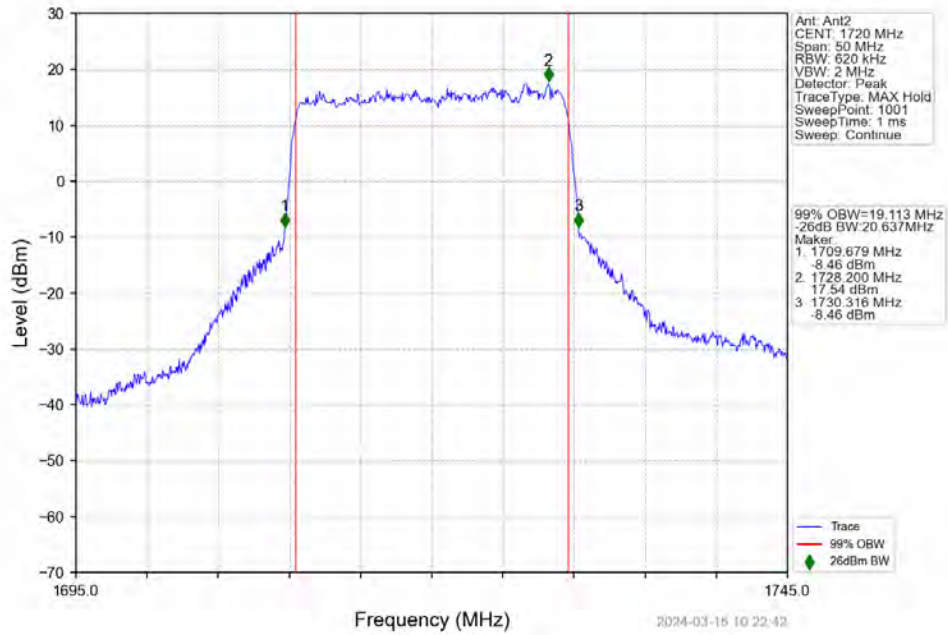
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1745MHz_Outer_Full



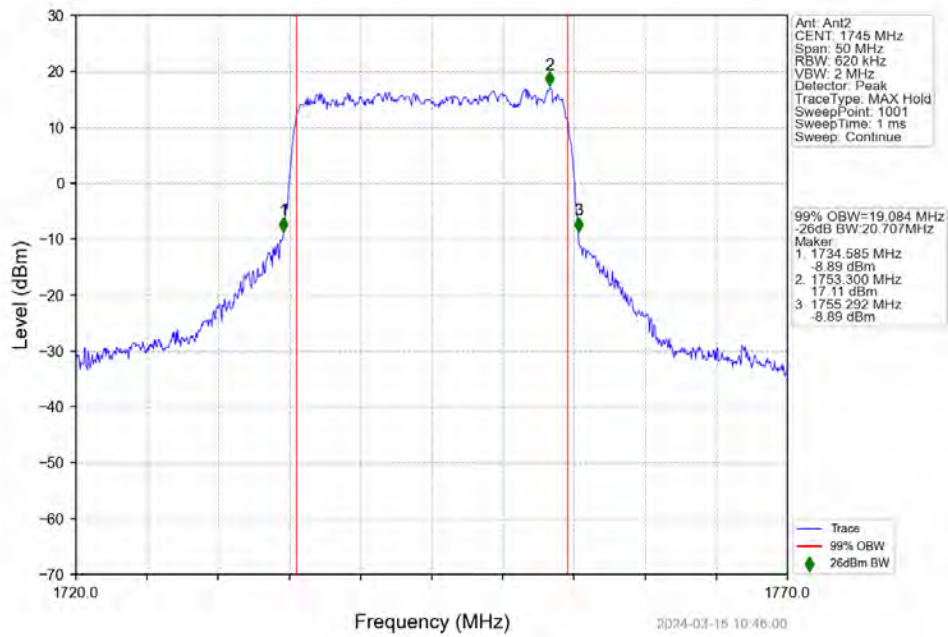
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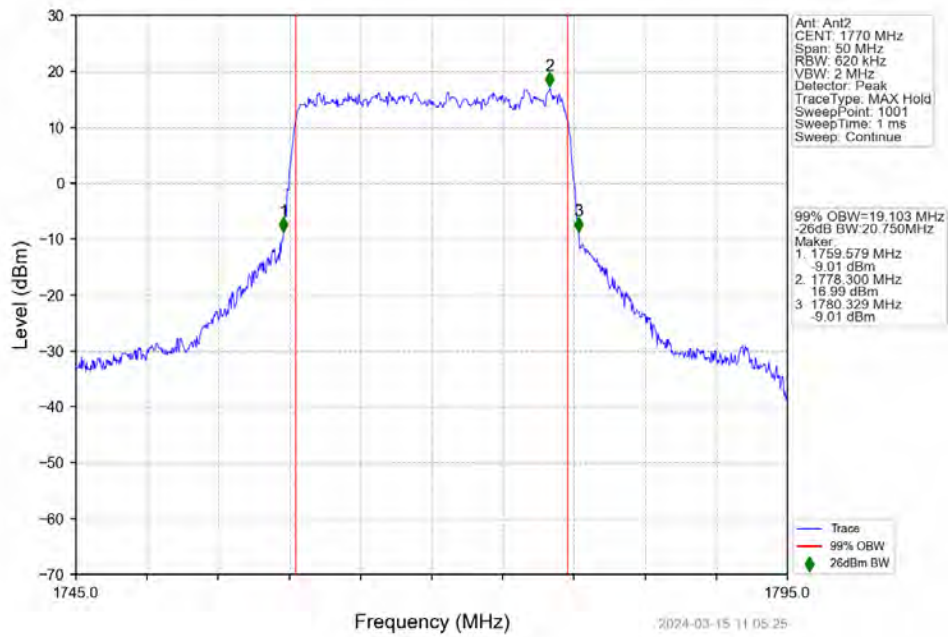
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_1720MHz_Outer_Full



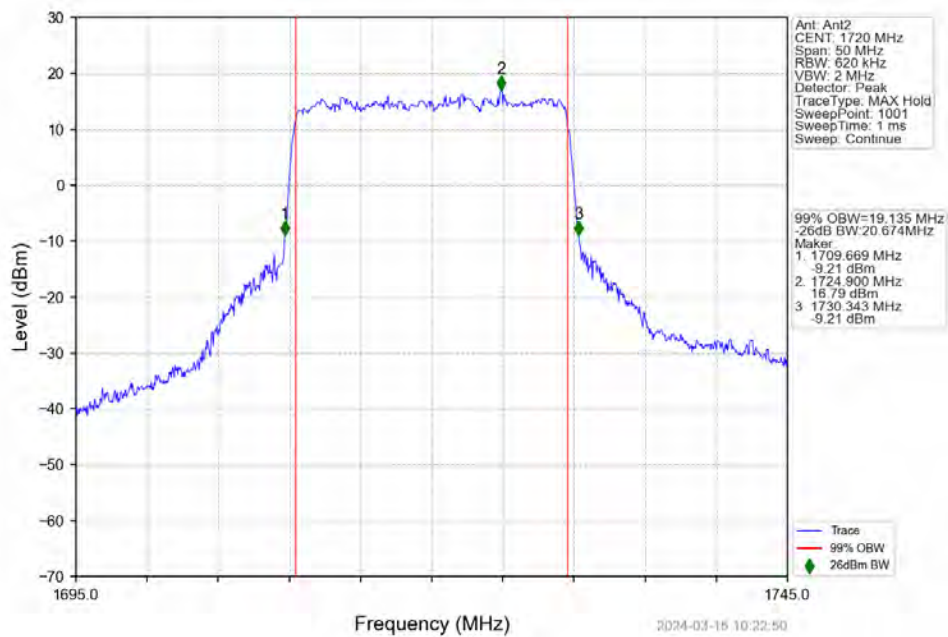
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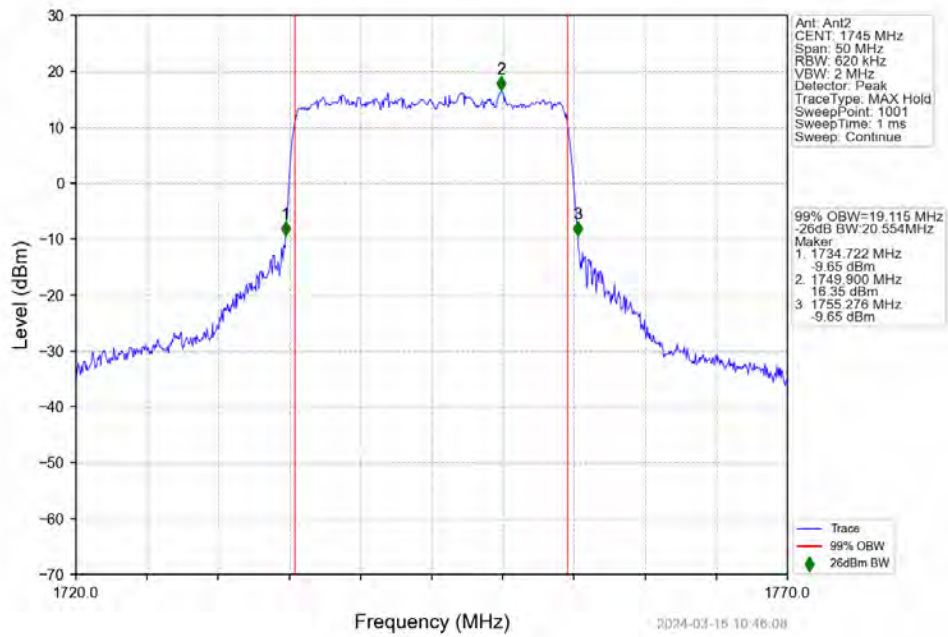
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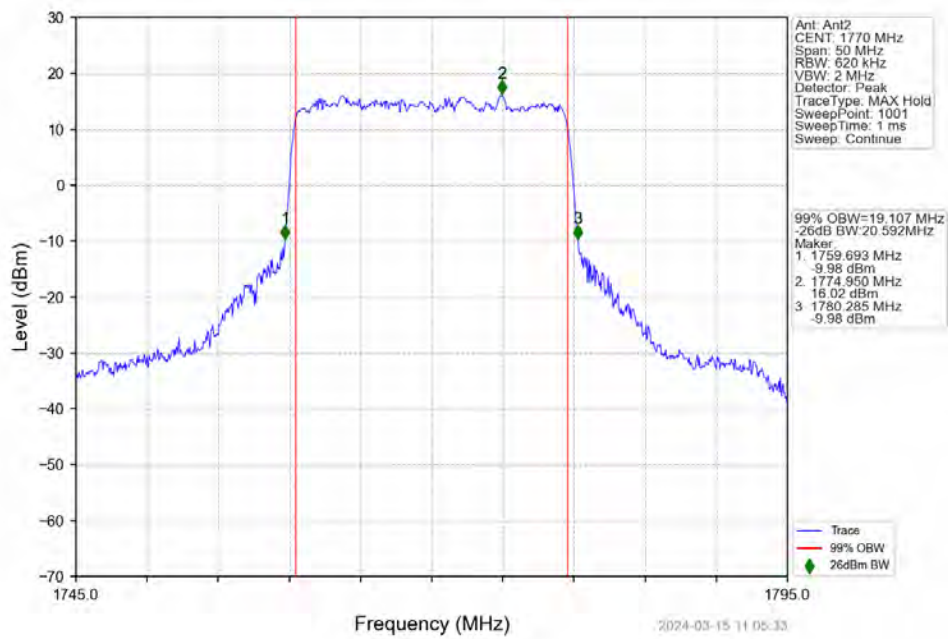
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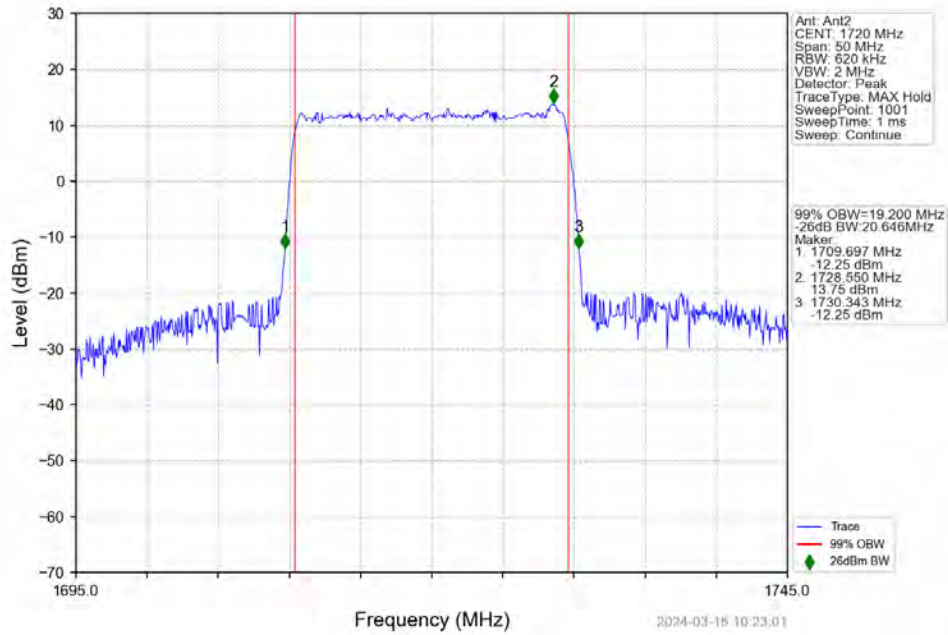
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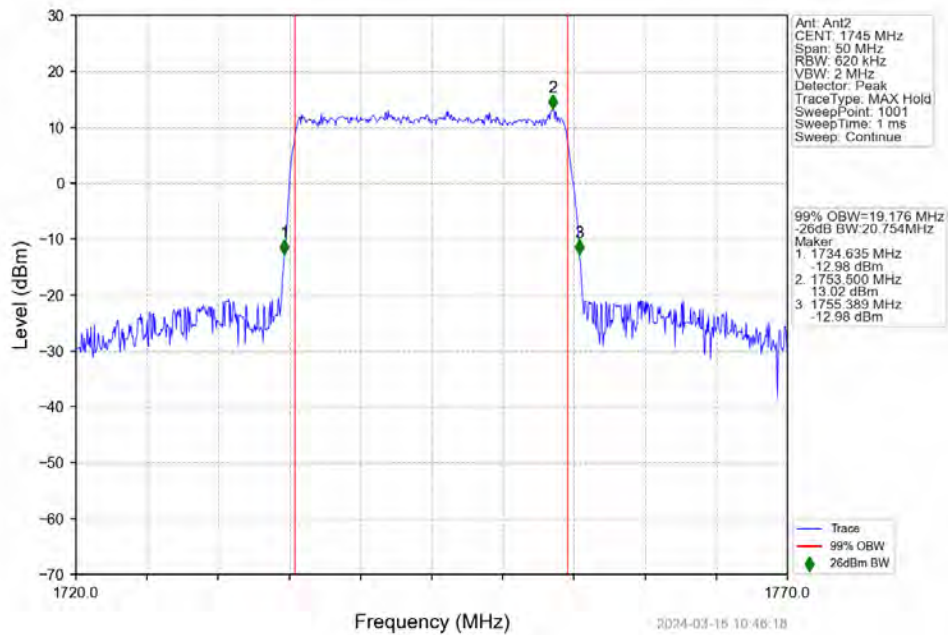
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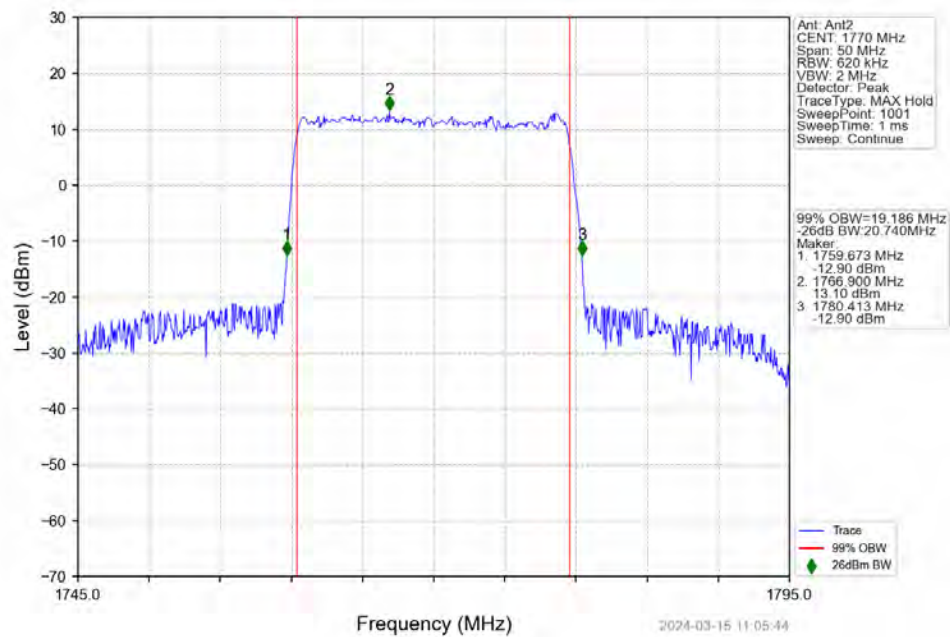


n66 15kHz SISO NTV 20MHz CP-OFDM 256 QAM 1720MHz Outer Full



n66 15kHz SISO NTV 20MHz CP-OFDM 256 QAM 1745MHz Outer Full



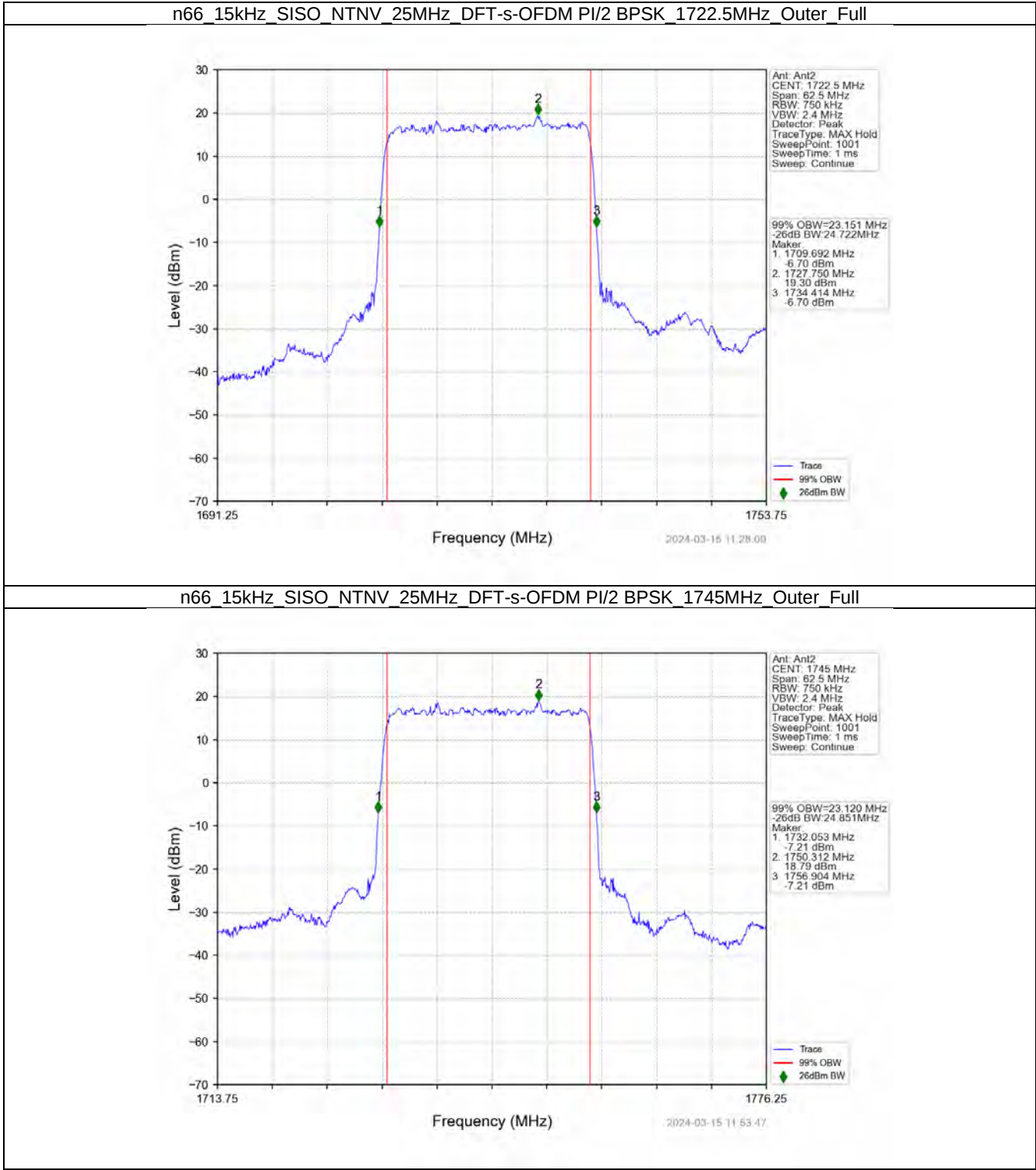


3.5 15k_SISO_25MHz_NTNV

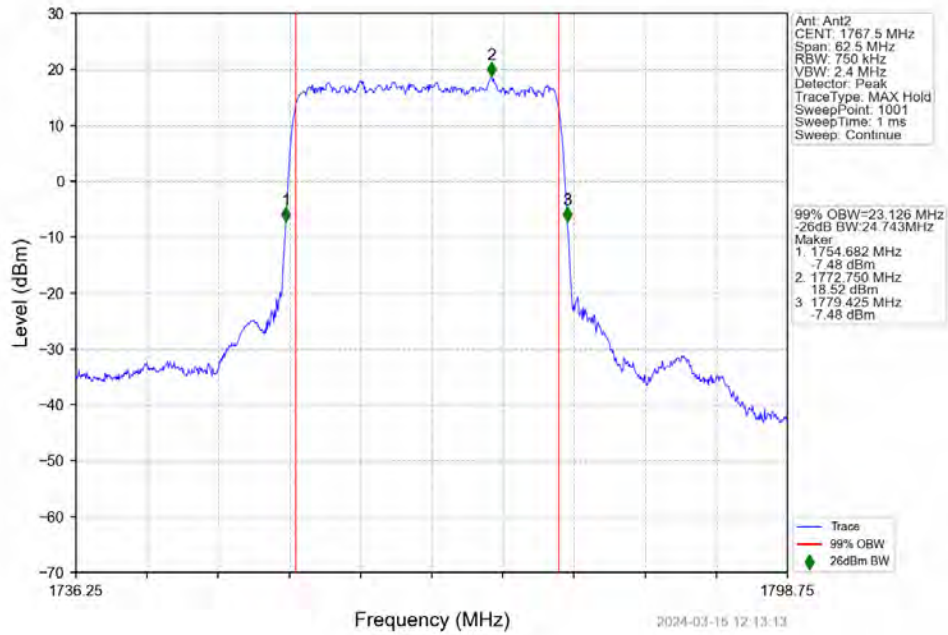
3.5.1 Test Result

5G NR n66 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1722.5	Outer_Full	23.15	24.72	/	Pass
	1745	Outer_Full	23.12	24.85	/	Pass
	1767.5	Outer_Full	23.13	24.74	/	Pass
DFT-s-OFDM QPSK	1722.5	Outer_Full	23.16	24.85	/	Pass
	1745	Outer_Full	23.14	24.86	/	Pass
	1767.5	Outer_Full	23.17	24.79	/	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	23.12	24.86	/	Pass
	1745	Outer_Full	23.11	24.80	/	Pass
	1767.5	Outer_Full	23.13	24.81	/	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer_Full	23.09	24.79	/	Pass
	1745	Outer_Full	23.09	24.78	/	Pass
	1767.5	Outer_Full	23.08	24.77	/	Pass
DFT-s-OFDM 256 QAM	1722.5	Outer_Full	23.09	24.74	/	Pass
	1745	Outer_Full	23.08	24.79	/	Pass
	1767.5	Outer_Full	23.07	24.73	/	Pass
CP-OFDM QPSK	1722.5	Outer_Full	23.96	25.69	/	Pass
	1745	Outer_Full	23.93	25.70	/	Pass
	1767.5	Outer_Full	23.92	25.65	/	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	24.00	25.71	/	Pass
	1745	Outer_Full	23.97	25.64	/	Pass
	1767.5	Outer_Full	23.99	25.67	/	Pass
CP-OFDM 64 QAM	1722.5	Outer_Full	23.95	25.80	/	Pass
	1745	Outer_Full	23.96	25.82	/	Pass
	1767.5	Outer_Full	23.95	25.85	/	Pass
CP-OFDM 256 QAM	1722.5	Outer_Full	23.96	25.60	/	Pass
	1745	Outer_Full	23.94	25.62	/	Pass
	1767.5	Outer_Full	23.94	25.70	/	Pass

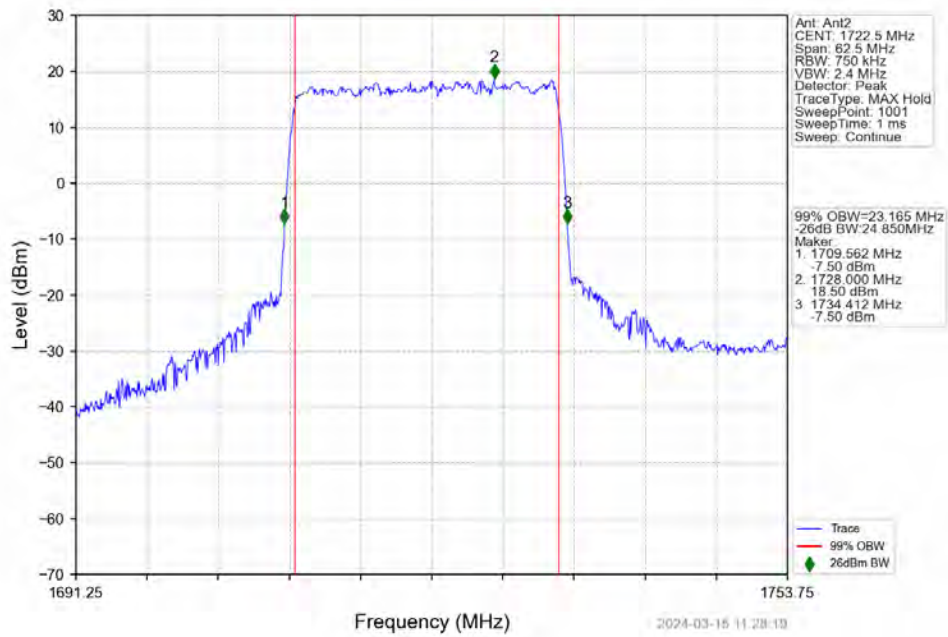
3.5.2 Test Graph



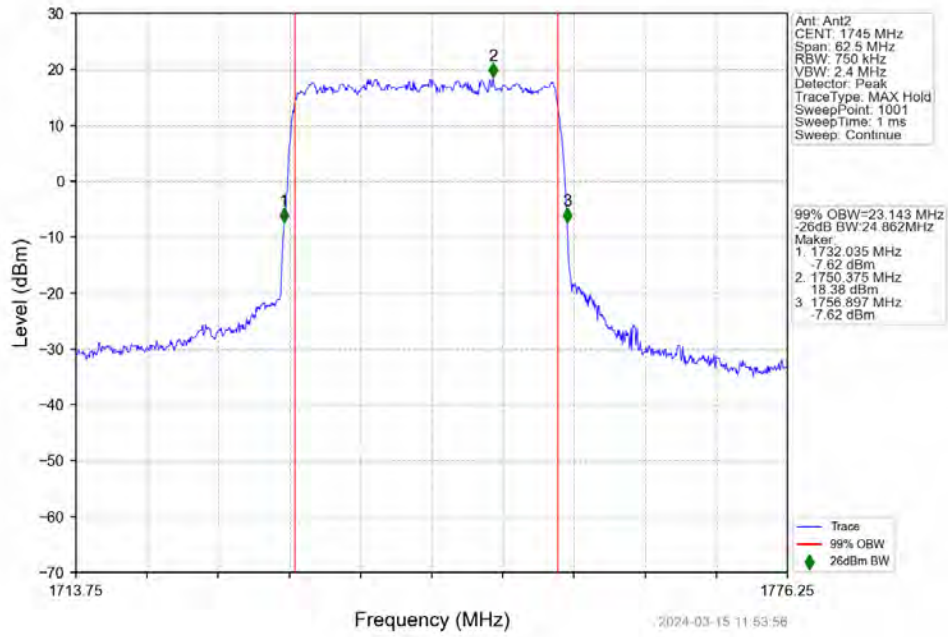
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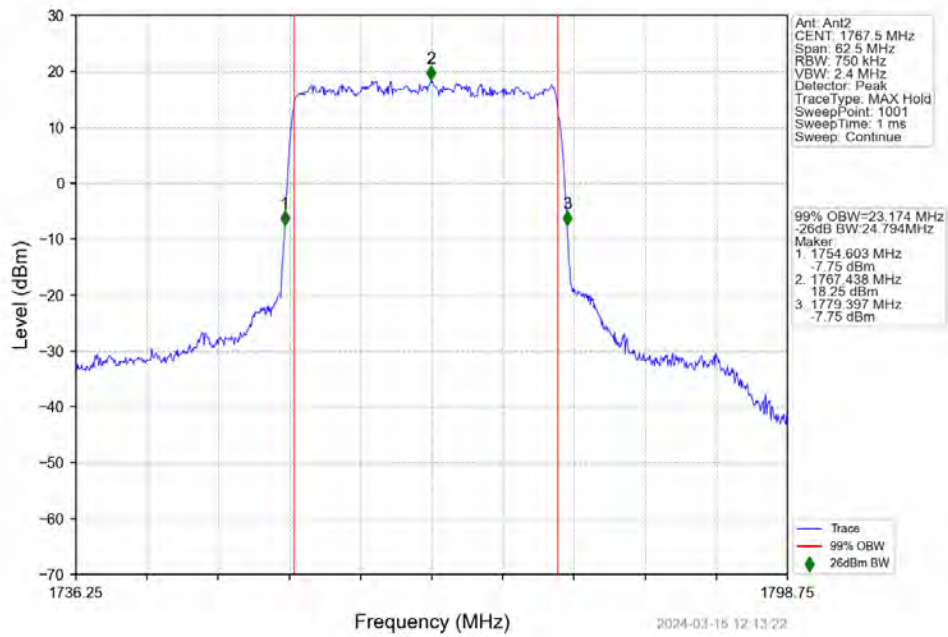
n66 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1722.5MHz Outer Full



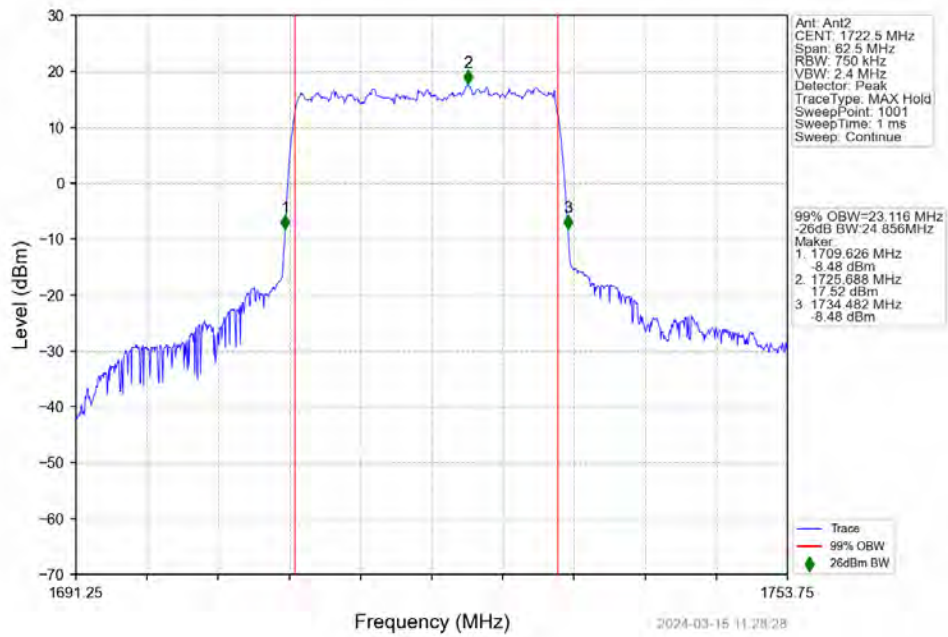
n66_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_1745MHz_Outer_Full



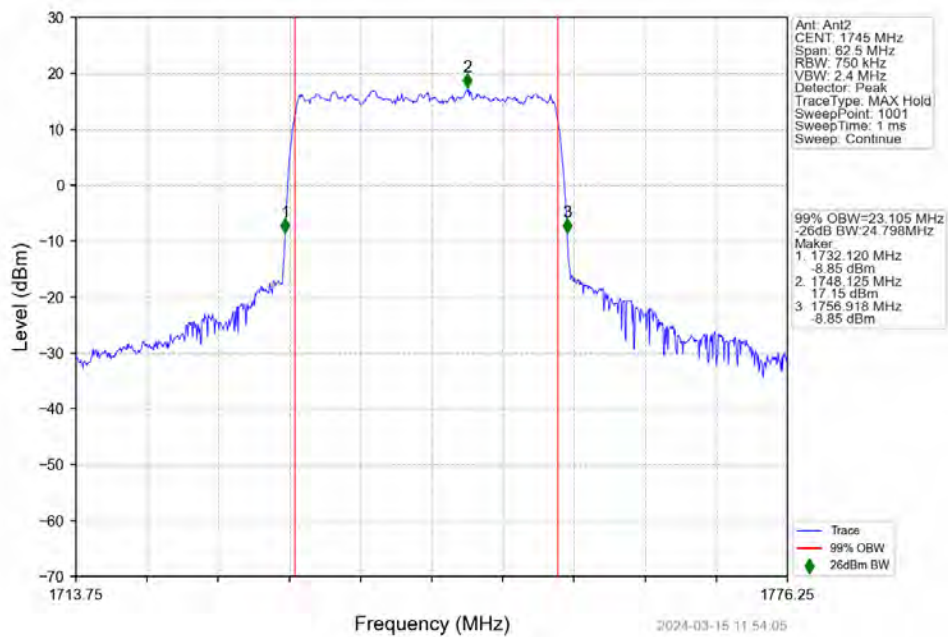
n66_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_1767.5MHz_Outer_Full



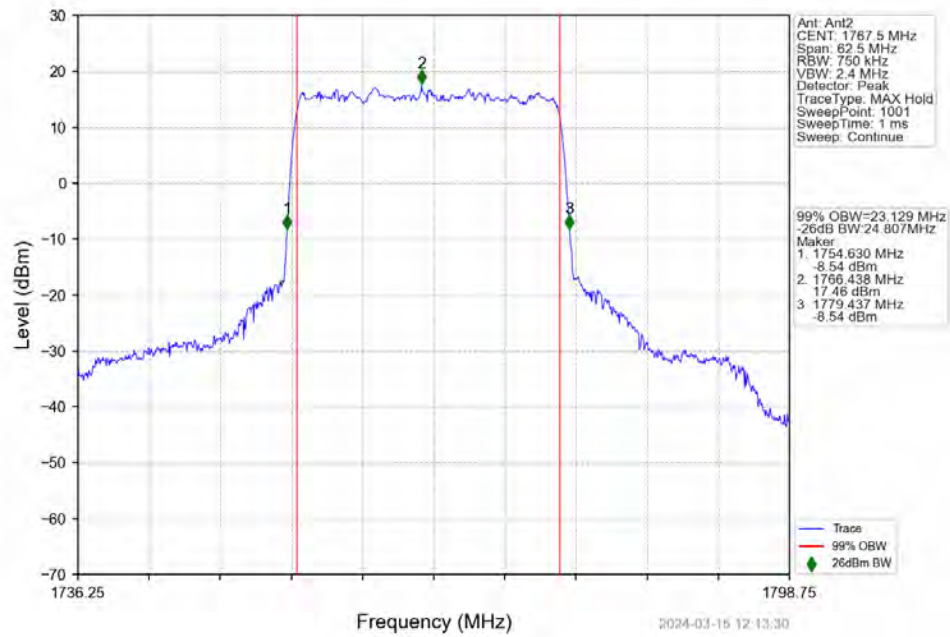
n66 15kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 1722.5MHz Outer Full



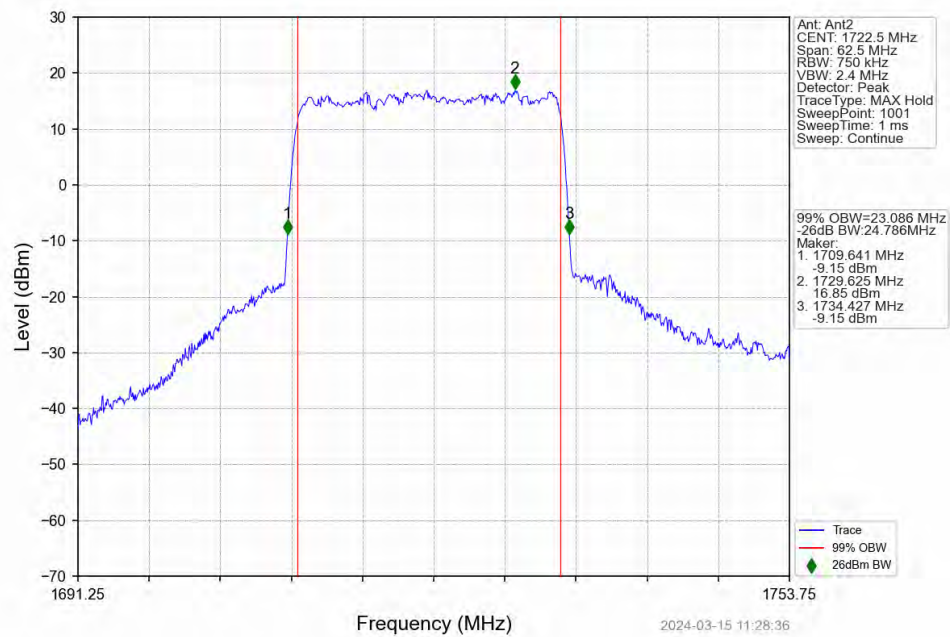
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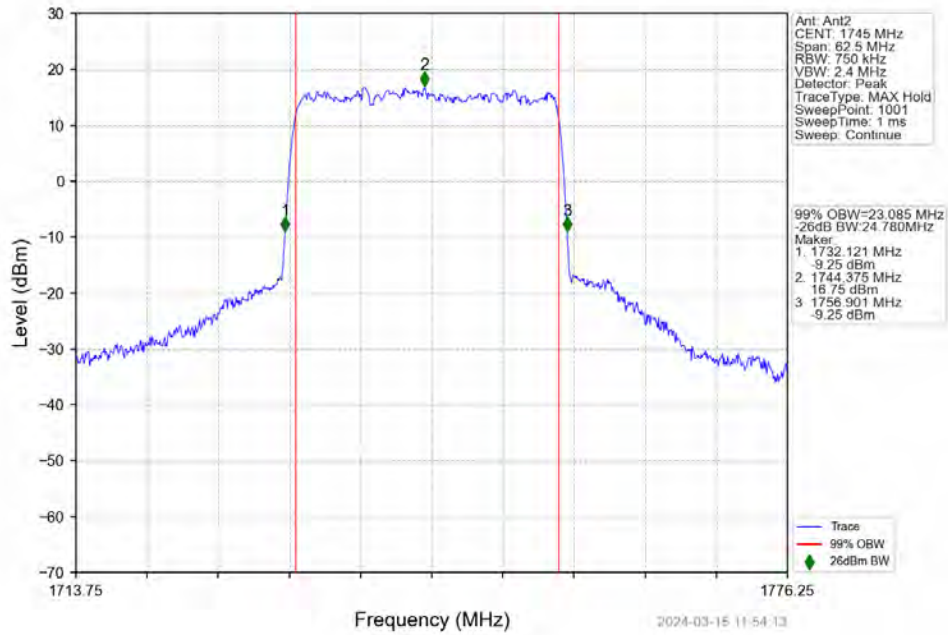
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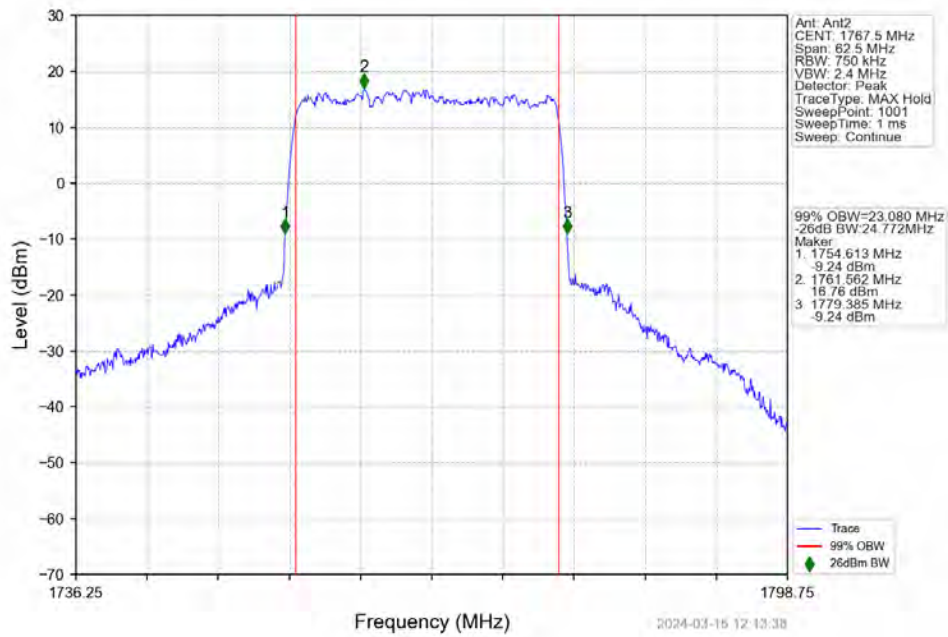
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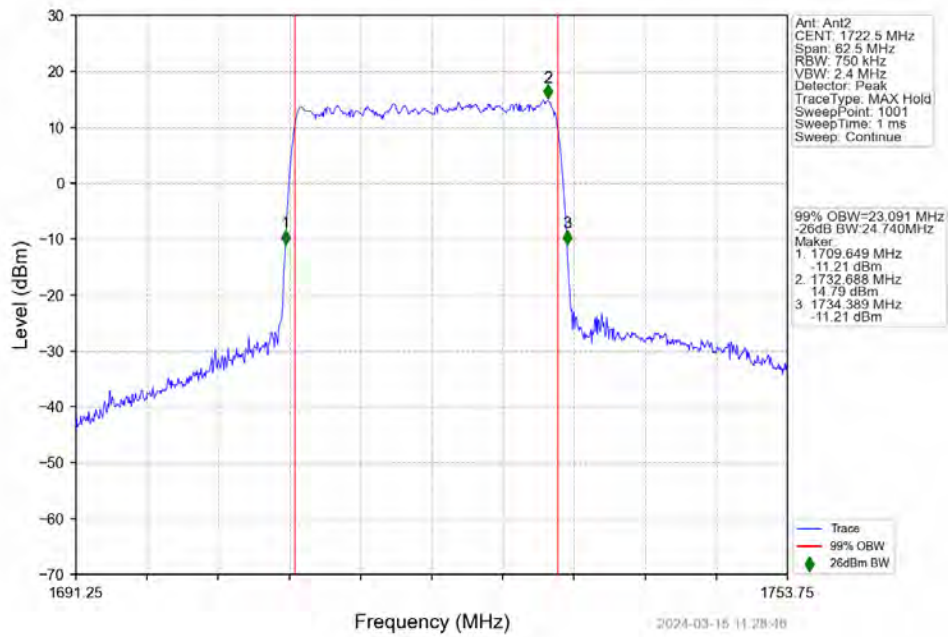
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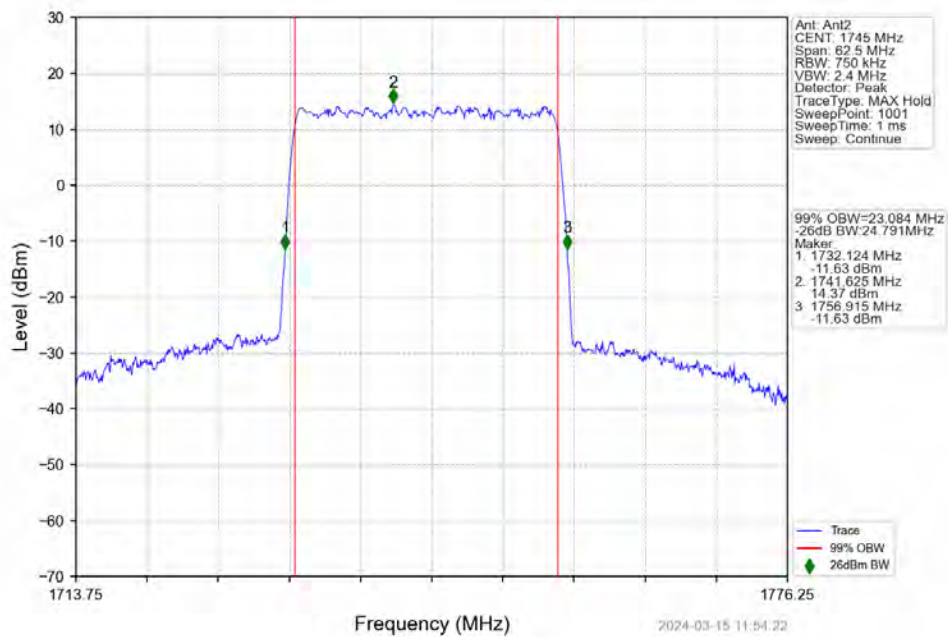
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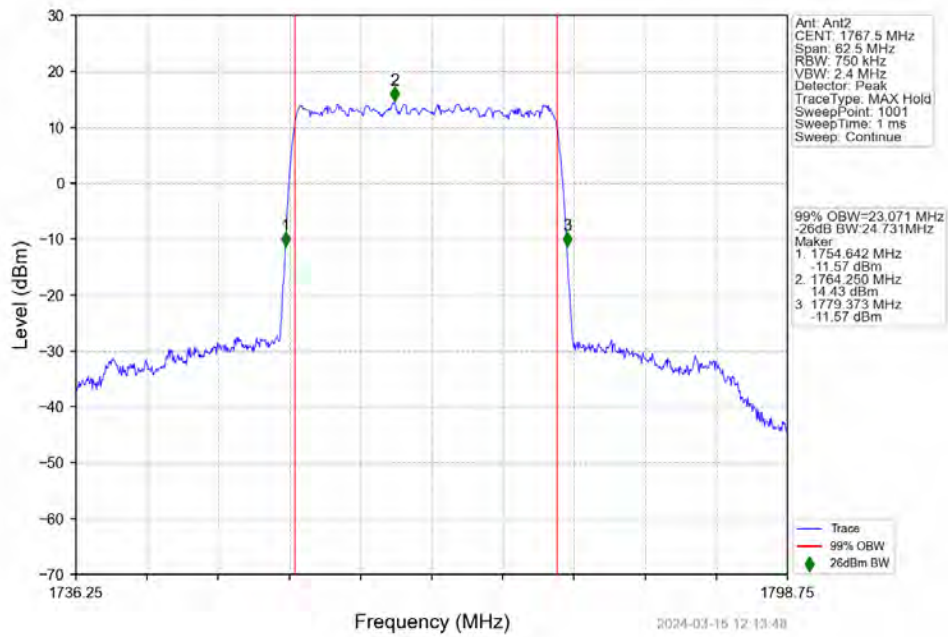
n66 15kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 1722.5MHz Outer Full



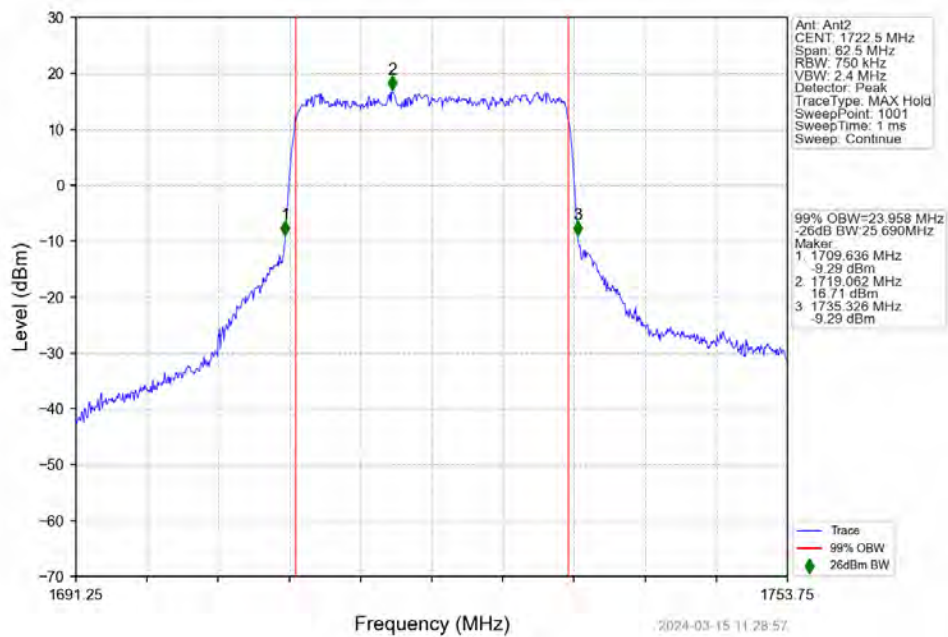
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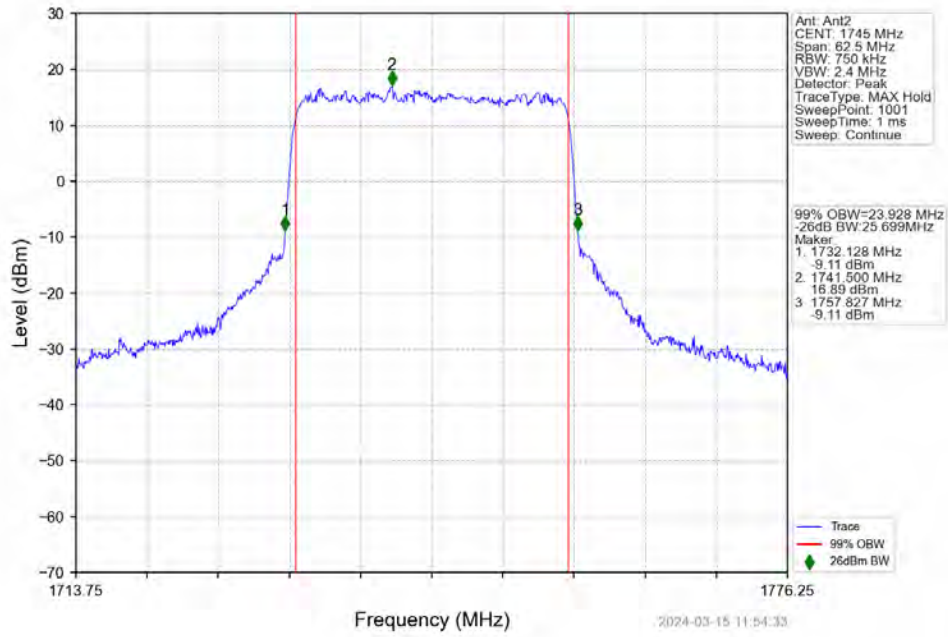
n66 15kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 1767.5MHz Outer Full



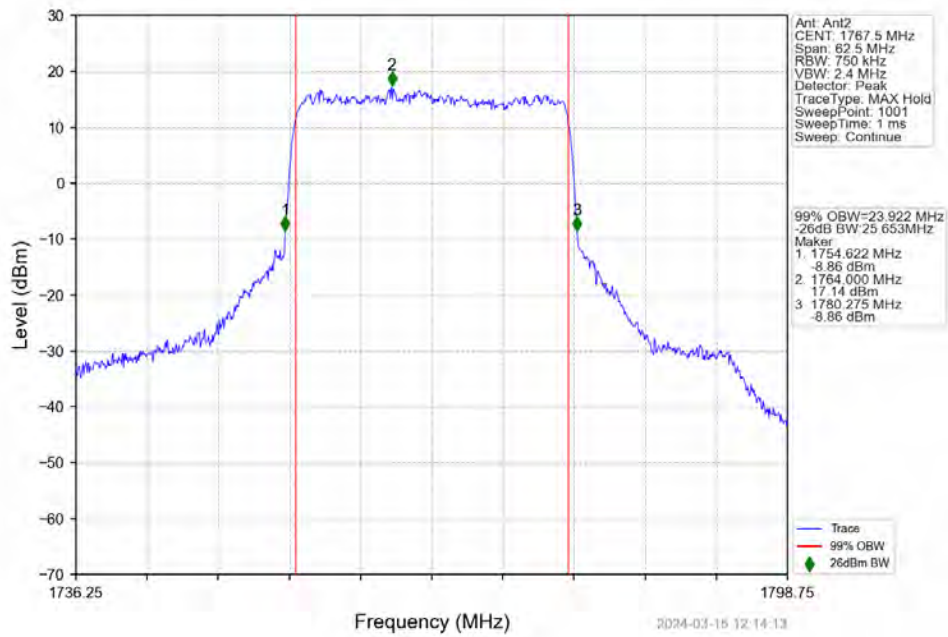
n66 15kHz SISO NTN 25MHz CP-OFDM QPSK 1722.5MHz Outer Full



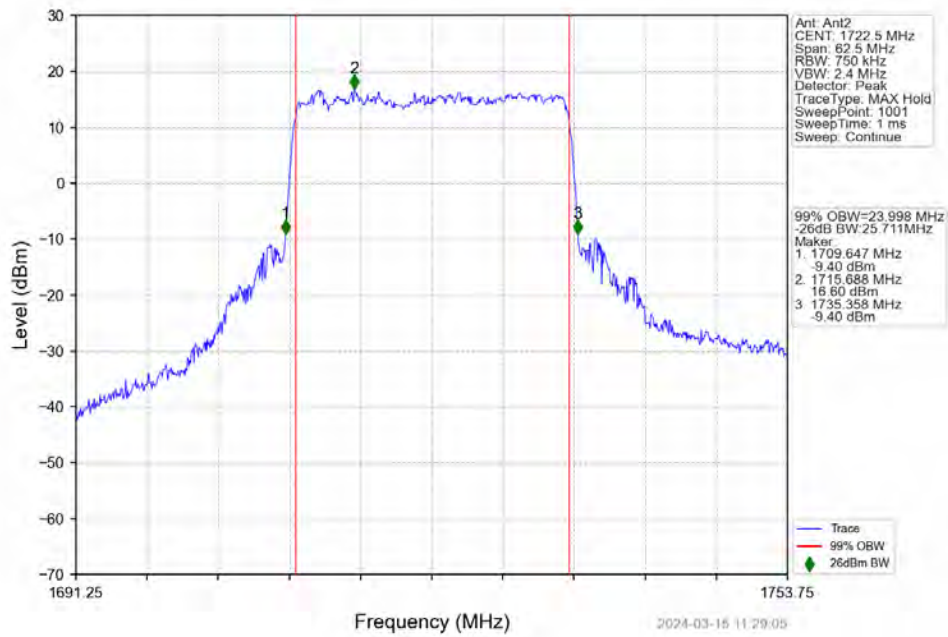
n66_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_1745MHz_Outer_Full



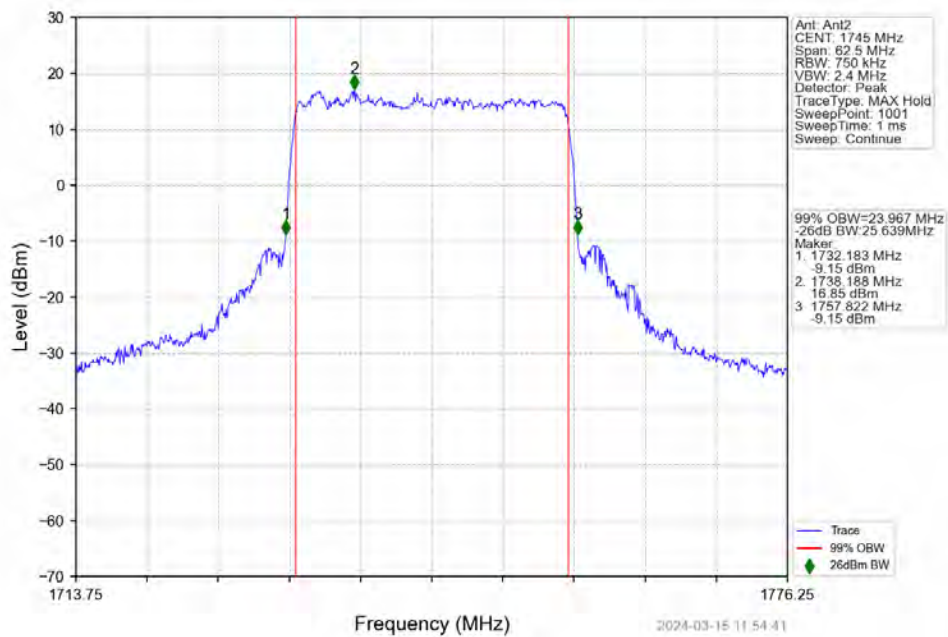
n66_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_1767.5MHz_Outer_Full



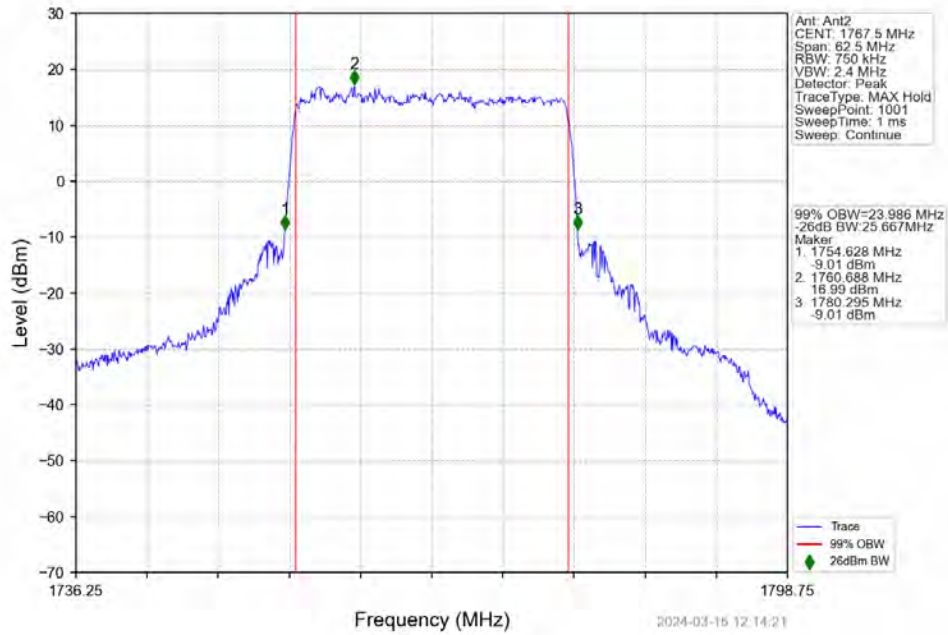
n66 15kHz SISO NTN 25MHz CP-OFDM 16 QAM 1722.5MHz Outer Full



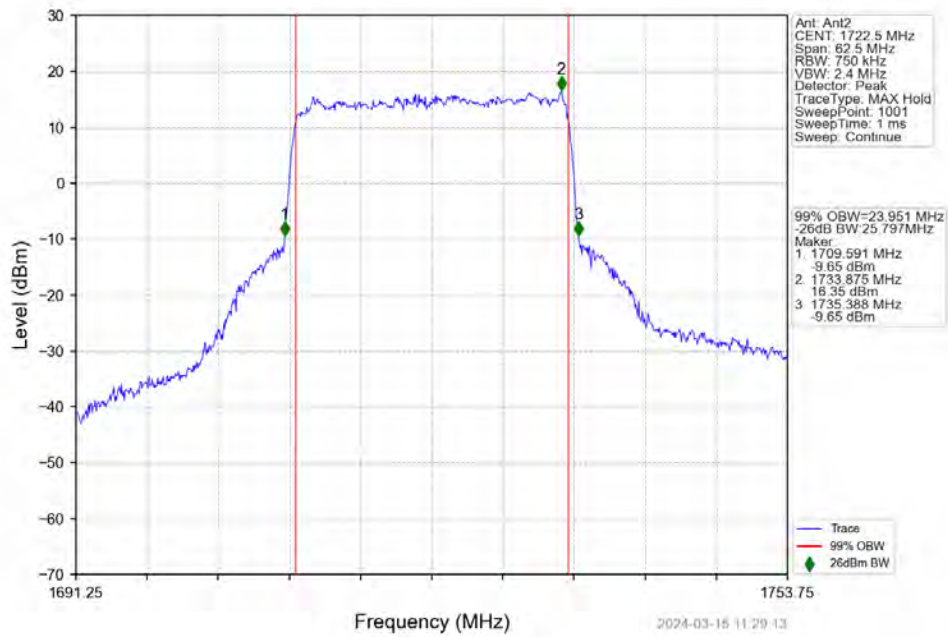
n66 15kHz SISO NTN 25MHz CP-OFDM 16 QAM 1745MHz Outer Full



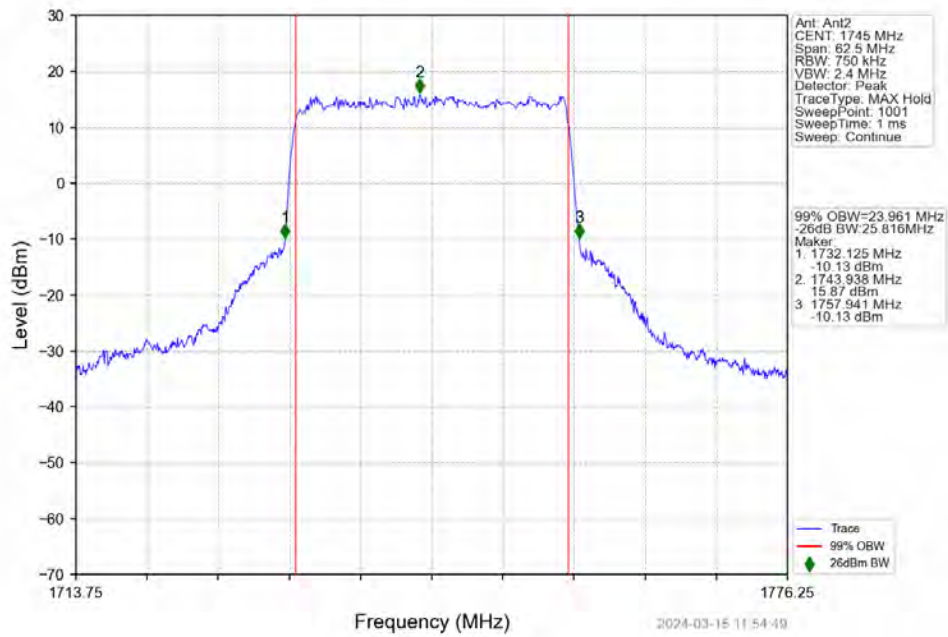
n66 15kHz SISO NTN 25MHz CP-OFDM 16 QAM 1767.5MHz Outer Full



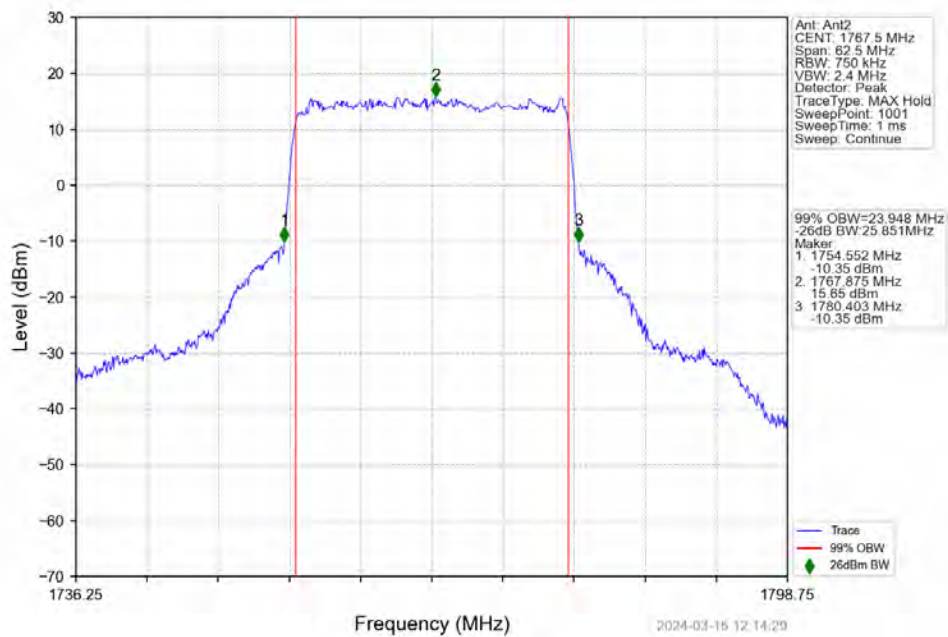
n66 15kHz SISO NTN 25MHz CP-OFDM 64 QAM 1722.5MHz Outer Full



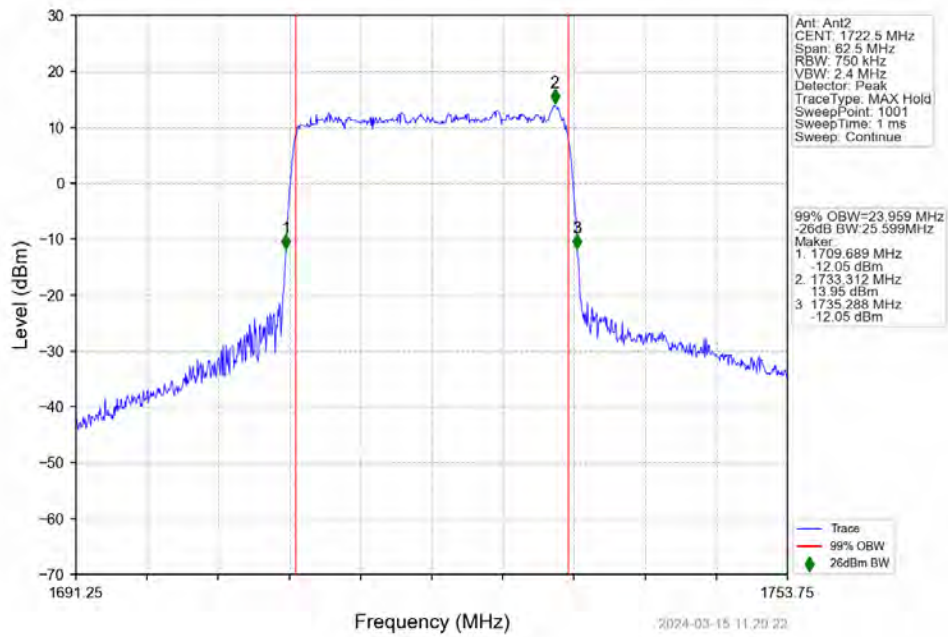
n66 15kHz SISO NTN 25MHz CP-OFDM 64 QAM 1745MHz Outer Full



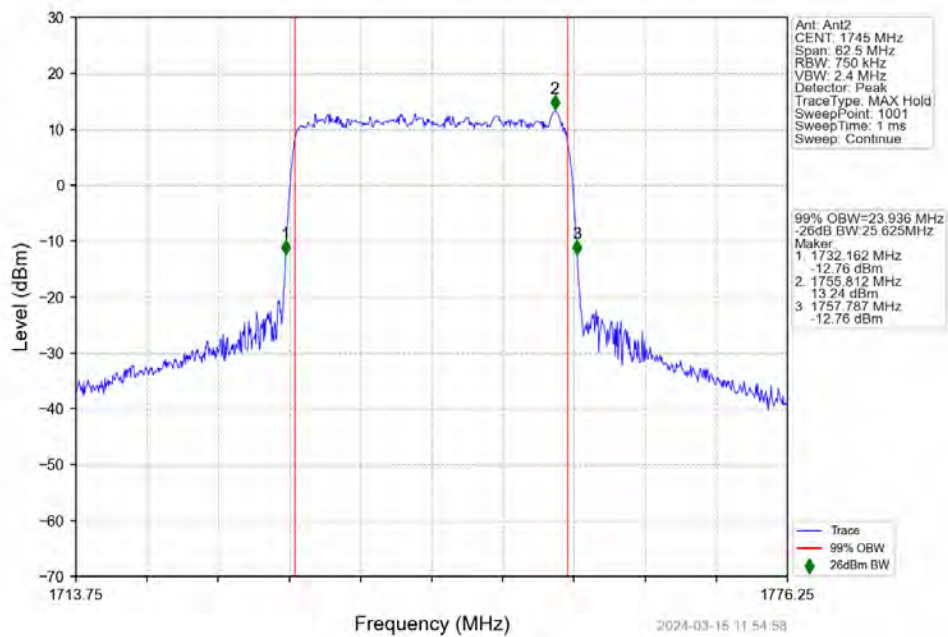
n66 15kHz SISO NTN 25MHz CP-OFDM 64 QAM 1767.5MHz Outer Full



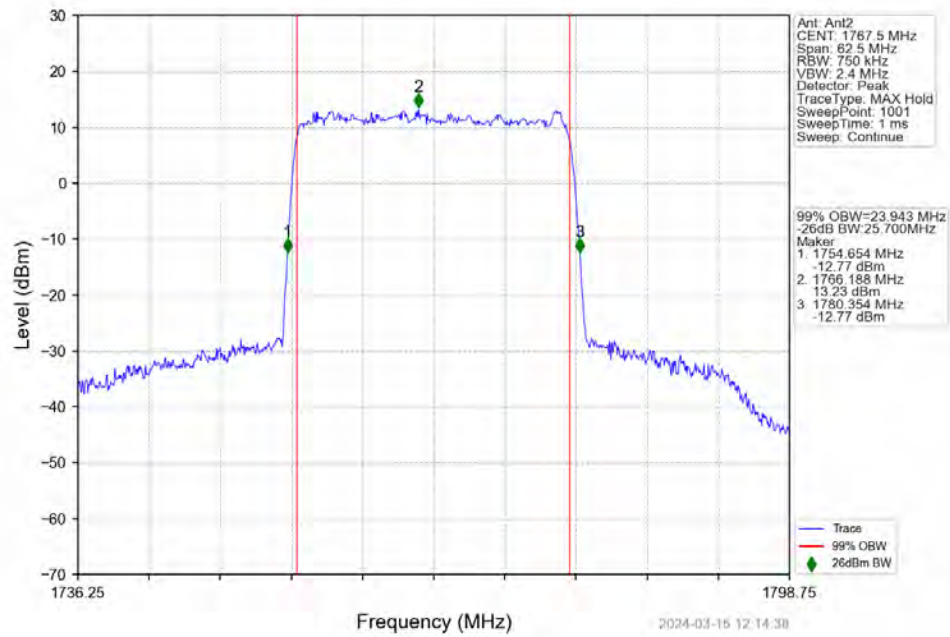
n66 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 1722.5MHz Outer Full



n66 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 1745MHz Outer Full



n66 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 1767.5MHz Outer Full

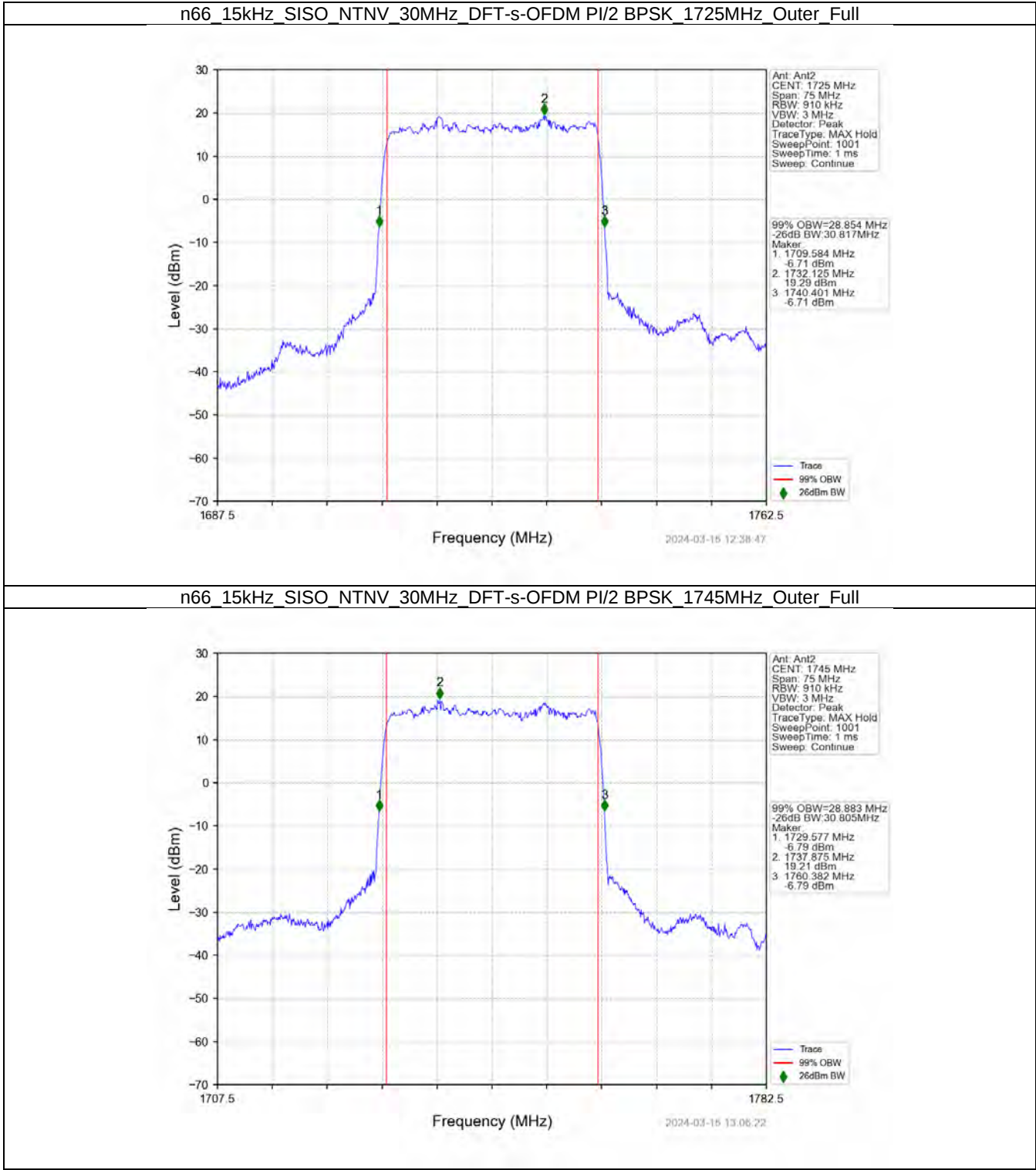


3.6 15k_SISO_30MHz_NTNV

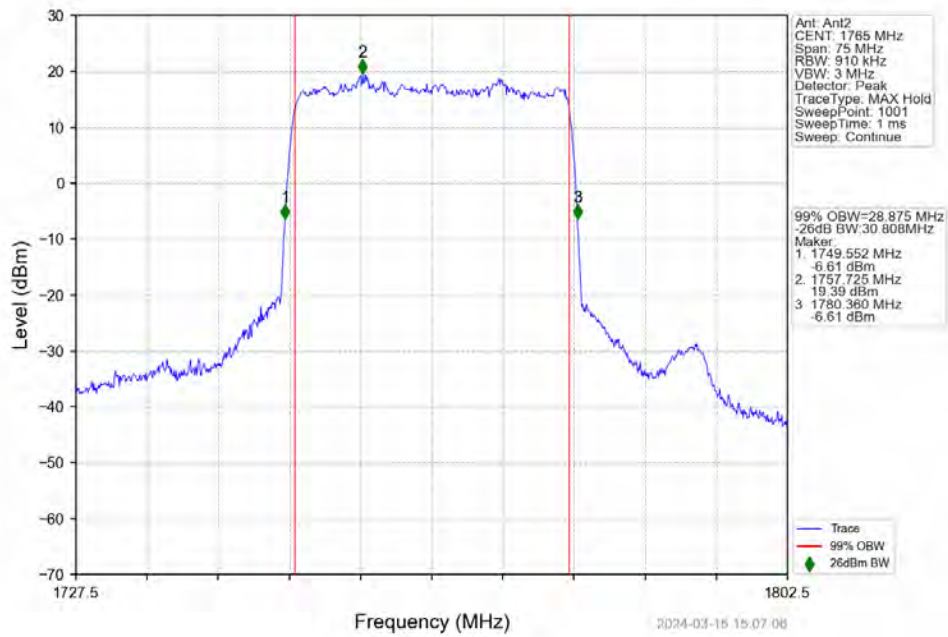
3.6.1 Test Result

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	28.85	30.82	/	Pass
	1745	Outer_Full	28.88	30.80	/	Pass
	1765	Outer_Full	28.88	30.81	/	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	28.85	30.82	/	Pass
	1745	Outer_Full	28.84	30.89	/	Pass
	1765	Outer_Full	28.84	30.86	/	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	28.86	30.79	/	Pass
	1745	Outer_Full	28.85	30.80	/	Pass
	1765	Outer_Full	28.81	30.80	/	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	28.79	30.83	/	Pass
	1745	Outer_Full	28.80	30.86	/	Pass
	1765	Outer_Full	28.80	30.87	/	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	28.76	30.84	/	Pass
	1745	Outer_Full	28.77	30.87	/	Pass
	1765	Outer_Full	28.75	30.86	/	Pass
CP-OFDM QPSK	1725	Outer_Full	28.79	30.93	/	Pass
	1745	Outer_Full	28.80	30.86	/	Pass
	1765	Outer_Full	28.81	30.93	/	Pass
CP-OFDM 16 QAM	1725	Outer_Full	28.83	31.80	/	Pass
	1745	Outer_Full	28.83	32.28	/	Pass
	1765	Outer_Full	28.83	32.30	/	Pass
CP-OFDM 64 QAM	1725	Outer_Full	28.80	32.42	/	Pass
	1745	Outer_Full	28.79	33.36	/	Pass
	1765	Outer_Full	28.80	33.10	/	Pass
CP-OFDM 256 QAM	1725	Outer_Full	28.73	30.80	/	Pass
	1745	Outer_Full	28.74	30.84	/	Pass
	1765	Outer_Full	28.74	30.85	/	Pass

3.6.2 Test Graph



n66 15kHz SISO NTV 30MHz DFT-s-OFDM PI/2 BPSK 1765MHz Outer Full



n66 15kHz SISO NTV 30MHz DFT-s-OFDM QPSK 1725MHz Outer Full

