

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
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge 1RB Left	22.30	/	/	20.30	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	20.28	/	/	<=30	Pass
		Outer Full	22.38	/	/	20.38	/	/	<=30	Pass
		Inner Full	22.92	/	/	20.92	/	/	<=30	Pass
		Inner 1RB Left	22.78	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Right	22.83	/	/	20.83	/	/	<=30	Pass
	1745	Edge 1RB Left	24.04	/	/	22.04	/	/	<=30	Pass
		Edge 1RB Right	24.02	/	/	22.02	/	/	<=30	Pass
		Outer Full	24.03	/	/	22.03	/	/	<=30	Pass
		Inner Full	24.60	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Left	24.57	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Right	24.48	/	/	22.48	/	/	<=30	Pass
	1777.5	Edge 1RB Left	23.89	/	/	21.89	/	/	<=30	Pass
		Edge 1RB Right	23.81	/	/	21.81	/	/	<=30	Pass
		Outer Full	23.96	/	/	21.96	/	/	<=30	Pass
		Inner Full	24.47	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Left	24.41	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	24.39	/	/	22.39	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge 1RB Left	22.24	/	/	20.24	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	20.13	/	/	<=30	Pass
		Outer Full	22.07	/	/	20.07	/	/	<=30	Pass
		Inner Full	22.88	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	20.92	/	/	<=30	Pass
	1745	Edge 1RB Left	23.80	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	23.81	/	/	21.81	/	/	<=30	Pass
		Outer Full	23.78	/	/	21.78	/	/	<=30	Pass
		Inner Full	24.58	/	/	22.58	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Right	24.72	/	/	22.72	/	/	<=30	Pass
	1777.5	Edge 1RB Left	23.76	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Right	23.71	/	/	21.71	/	/	<=30	Pass
		Outer Full	23.60	/	/	21.60	/	/	<=30	Pass
		Inner Full	24.49	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Right	24.58	/	/	22.58	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge 1RB Left	21.49	/	/	19.49	/	/	<=30	Pass
		Edge 1RB Right	21.47	/	/	19.47	/	/	<=30	Pass
		Outer Full	21.29	/	/	19.29	/	/	<=30	Pass
		Inner Full	21.77	/	/	19.77	/	/	<=30	Pass
		Inner 1RB Left	21.99	/	/	19.99	/	/	<=30	Pass
		Inner 1RB Right	21.99	/	/	19.99	/	/	<=30	Pass
	1745	Edge 1RB Left	23.11	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	23.15	/	/	21.15	/	/	<=30	Pass
		Outer Full	23.01	/	/	21.01	/	/	<=30	Pass
		Inner Full	23.48	/	/	21.48	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	21.73	/	/	<=30	Pass
		Inner 1RB Right	23.66	/	/	21.66	/	/	<=30	Pass
	1777.5	Edge 1RB Left	23.08	/	/	21.08	/	/	<=30	Pass

		Edge 1RB Right	23.03	/	/	21.03	/	/	<=30	Pass
		Outer_Full	22.92	/	/	20.92	/	/	<=30	Pass
		Inner_Full	23.33	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Left	23.66	/	/	21.66	/	/	<=30	Pass
		Inner 1RB Right	23.55	/	/	21.55	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge 1RB Left	20.80	/	/	18.80	/	/	<=30	Pass
		Edge 1RB Right	20.72	/	/	18.72	/	/	<=30	Pass
		Outer_Full	20.75	/	/	18.75	/	/	<=30	Pass
		Inner_Full	20.42	/	/	18.42	/	/	<=30	Pass
		Inner 1RB Left	20.86	/	/	18.86	/	/	<=30	Pass
		Inner 1RB Right	20.70	/	/	18.70	/	/	<=30	Pass
	1745	Edge 1RB Left	22.54	/	/	20.54	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	20.49	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.53	/	/	<=30	Pass
		Inner_Full	22.37	/	/	20.37	/	/	<=30	Pass
		Inner 1RB Left	22.49	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Right	22.54	/	/	20.54	/	/	<=30	Pass
	1777.5	Edge 1RB Left	22.43	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	20.33	/	/	<=30	Pass
		Outer_Full	22.36	/	/	20.36	/	/	<=30	Pass
		Inner_Full	22.20	/	/	20.20	/	/	<=30	Pass
		Inner 1RB Left	22.48	/	/	20.48	/	/	<=30	Pass
		Inner 1RB Right	22.40	/	/	20.40	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge 1RB Left	18.44	/	/	16.44	/	/	<=30	Pass
		Edge 1RB Right	18.16	/	/	16.16	/	/	<=30	Pass
		Outer_Full	19.56	/	/	17.56	/	/	<=30	Pass
		Inner_Full	19.47	/	/	17.47	/	/	<=30	Pass
		Inner 1RB Left	19.44	/	/	17.44	/	/	<=30	Pass
		Inner 1RB Right	19.21	/	/	17.21	/	/	<=30	Pass
	1745	Edge 1RB Left	20.23	/	/	18.23	/	/	<=30	Pass
		Edge 1RB Right	20.23	/	/	18.23	/	/	<=30	Pass
		Outer_Full	21.46	/	/	19.46	/	/	<=30	Pass
		Inner_Full	21.49	/	/	19.49	/	/	<=30	Pass
		Inner 1RB Left	21.33	/	/	19.33	/	/	<=30	Pass
		Inner 1RB Right	21.30	/	/	19.30	/	/	<=30	Pass
	1777.5	Edge 1RB Left	20.16	/	/	18.16	/	/	<=30	Pass
		Edge 1RB Right	20.13	/	/	18.13	/	/	<=30	Pass
		Outer_Full	21.36	/	/	19.36	/	/	<=30	Pass
		Inner_Full	21.35	/	/	19.35	/	/	<=30	Pass
		Inner 1RB Left	21.20	/	/	19.20	/	/	<=30	Pass
		Inner 1RB Right	21.14	/	/	19.14	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge 1RB Left	20.32	/	/	18.32	/	/	<=30	Pass
		Edge 1RB Right	20.14	/	/	18.14	/	/	<=30	Pass
		Outer_Full	20.20	/	/	18.20	/	/	<=30	Pass
		Inner_Full	23.79	/	/	21.79	/	/	<=30	Pass
		Inner 1RB Left	21.42	/	/	19.42	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	21.43	/	/	<=30	Pass
	1745	Edge 1RB Left	22.12	/	/	20.12	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	20.03	/	/	<=30	Pass
		Outer_Full	22.02	/	/	20.02	/	/	<=30	Pass
		Inner_Full	23.31	/	/	21.31	/	/	<=30	Pass
		Inner 1RB Left	23.29	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Right	23.37	/	/	21.37	/	/	<=30	Pass
	1777.5	Edge 1RB Left	21.97	/	/	19.97	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.00	/	/	20.00	/	/	<=30	Pass
		Inner_Full	23.20	/	/	21.20	/	/	<=30	Pass
		Inner 1RB Left	23.19	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Right	23.20	/	/	21.20	/	/	<=30	Pass

CP-OFDM 16 QAM	1712.5	Edge 1RB Left	22.32	/	/	20.32	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	20.24	/	/	<=30	Pass
		Outer_Full	22.19	/	/	20.19	/	/	<=30	Pass
		Inner_Full	23.37	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Left	23.42	/	/	21.42	/	/	<=30	Pass
		Inner 1RB Right	23.46	/	/	21.46	/	/	<=30	Pass
	1745	Edge 1RB Left	22.27	/	/	20.27	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.03	/	/	20.03	/	/	<=30	Pass
		Inner_Full	23.29	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Left	23.28	/	/	21.28	/	/	<=30	Pass
		Inner 1RB Right	23.27	/	/	21.27	/	/	<=30	Pass
	1777.5	Edge 1RB Left	22.13	/	/	20.13	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	20.04	/	/	<=30	Pass
		Outer_Full	21.94	/	/	19.94	/	/	<=30	Pass
		Inner_Full	23.13	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	23.12	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Right	23.15	/	/	21.15	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge 1RB Left	21.65	/	/	19.65	/	/	<=30	Pass
		Edge 1RB Right	21.61	/	/	19.61	/	/	<=30	Pass
		Outer_Full	21.69	/	/	19.69	/	/	<=30	Pass
		Inner_Full	21.69	/	/	19.69	/	/	<=30	Pass
		Inner 1RB Left	21.78	/	/	19.78	/	/	<=30	Pass
		Inner 1RB Right	21.84	/	/	19.84	/	/	<=30	Pass
	1745	Edge 1RB Left	21.51	/	/	19.51	/	/	<=30	Pass
		Edge 1RB Right	21.34	/	/	19.34	/	/	<=30	Pass
		Outer_Full	21.46	/	/	19.46	/	/	<=30	Pass
		Inner_Full	21.57	/	/	19.57	/	/	<=30	Pass
		Inner 1RB Left	21.64	/	/	19.64	/	/	<=30	Pass
		Inner 1RB Right	21.68	/	/	19.68	/	/	<=30	Pass
	1777.5	Edge 1RB Left	21.32	/	/	19.32	/	/	<=30	Pass
		Edge 1RB Right	21.21	/	/	19.21	/	/	<=30	Pass
		Outer_Full	21.38	/	/	19.38	/	/	<=30	Pass
		Inner_Full	21.44	/	/	19.44	/	/	<=30	Pass
		Inner 1RB Left	21.48	/	/	19.48	/	/	<=30	Pass
		Inner 1RB Right	21.46	/	/	19.46	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge 1RB Left	18.39	/	/	16.39	/	/	<=30	Pass
		Edge 1RB Right	18.37	/	/	16.37	/	/	<=30	Pass
		Outer_Full	19.69	/	/	17.69	/	/	<=30	Pass
		Inner_Full	19.65	/	/	17.65	/	/	<=30	Pass
		Inner 1RB Left	19.39	/	/	17.39	/	/	<=30	Pass
		Inner 1RB Right	19.37	/	/	17.37	/	/	<=30	Pass
	1745	Edge 1RB Left	18.34	/	/	16.34	/	/	<=30	Pass
		Edge 1RB Right	18.19	/	/	16.19	/	/	<=30	Pass
		Outer_Full	19.57	/	/	17.57	/	/	<=30	Pass
		Inner_Full	19.51	/	/	17.51	/	/	<=30	Pass
		Inner 1RB Left	19.31	/	/	17.31	/	/	<=30	Pass
		Inner 1RB Right	19.27	/	/	17.27	/	/	<=30	Pass
	1777.5	Edge 1RB Left	18.25	/	/	16.25	/	/	<=30	Pass
		Edge 1RB Right	18.17	/	/	16.17	/	/	<=30	Pass
		Outer_Full	19.42	/	/	17.42	/	/	<=30	Pass
		Inner_Full	19.40	/	/	17.40	/	/	<=30	Pass
		Inner 1RB Left	19.19	/	/	17.19	/	/	<=30	Pass
		Inner 1RB Right	19.11	/	/	17.11	/	/	<=30	Pass
Note1: Antenna Gain: Ant41: -2.00dBi; 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
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1715	Edge 1RB Left	24.13	/	/	22.13	/	/	<=30	Pass
		Edge 1RB Right	24.03	/	/	22.03	/	/	<=30	Pass
		Outer Full	24.16	/	/	22.16	/	/	<=30	Pass
		Inner Full	25.06	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Left	24.61	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Right	24.57	/	/	22.57	/	/	<=30	Pass
	1745	Edge 1RB Left	24.08	/	/	22.08	/	/	<=30	Pass
		Edge 1RB Right	23.98	/	/	21.98	/	/	<=30	Pass
		Outer Full	24.05	/	/	22.05	/	/	<=30	Pass
		Inner Full	24.70	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Left	24.52	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Right	24.49	/	/	22.49	/	/	<=30	Pass
	1775	Edge 1RB Left	23.91	/	/	21.91	/	/	<=30	Pass
		Edge 1RB Right	23.79	/	/	21.79	/	/	<=30	Pass
		Outer Full	24.00	/	/	22.00	/	/	<=30	Pass
		Inner Full	24.47	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Left	24.33	/	/	22.33	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Inner 1RB Right	24.35	/	/	22.35	/	/	<=30	Pass
		Edge 1RB Left	24.03	/	/	22.03	/	/	<=30	Pass
		Edge 1RB Right	23.90	/	/	21.90	/	/	<=30	Pass
		Outer Full	23.87	/	/	21.87	/	/	<=30	Pass
		Inner Full	24.68	/	/	22.68	/	/	<=30	Pass
	1745	Inner 1RB Left	24.83	/	/	22.83	/	/	<=30	Pass
		Inner 1RB Right	24.77	/	/	22.77	/	/	<=30	Pass
		Edge 1RB Left	23.80	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	23.78	/	/	21.78	/	/	<=30	Pass
		Outer Full	23.81	/	/	21.81	/	/	<=30	Pass
	1775	Inner Full	24.57	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Left	24.69	/	/	22.69	/	/	<=30	Pass
		Inner 1RB Right	24.69	/	/	22.69	/	/	<=30	Pass
		Edge 1RB Left	23.94	/	/	21.94	/	/	<=30	Pass
		Edge 1RB Right	23.64	/	/	21.64	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Outer Full	23.74	/	/	21.74	/	/	<=30	Pass
		Inner Full	24.40	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	24.54	/	/	22.54	/	/	<=30	Pass
		Inner 1RB Right	24.49	/	/	22.49	/	/	<=30	Pass
		Edge 1RB Left	23.32	/	/	21.32	/	/	<=30	Pass
	1745	Edge 1RB Right	23.25	/	/	21.25	/	/	<=30	Pass
		Outer Full	23.18	/	/	21.18	/	/	<=30	Pass
		Inner Full	23.72	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Left	23.85	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Right	23.77	/	/	21.77	/	/	<=30	Pass
	1775	Edge 1RB Left	23.19	/	/	21.19	/	/	<=30	Pass
		Edge 1RB Right	23.20	/	/	21.20	/	/	<=30	Pass
		Outer Full	23.15	/	/	21.15	/	/	<=30	Pass
		Inner Full	23.64	/	/	21.64	/	/	<=30	Pass
		Inner 1RB Left	23.70	/	/	21.70	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1715	Inner 1RB Right	23.69	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Left	23.00	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	21.01	/	/	<=30	Pass
		Outer Full	22.87	/	/	20.87	/	/	<=30	Pass
		Inner Full	23.44	/	/	21.44	/	/	<=30	Pass
	1745	Inner 1RB Left	23.63	/	/	21.63	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	21.53	/	/	<=30	Pass
	1775	Edge 1RB Left	22.68	/	/	20.68	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	20.45	/	/	<=30	Pass

		Outer_Full	22.60	/	/	20.60	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	20.46	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.58	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.51	/	/	<=30	Pass
		Outer_Full	22.43	/	/	20.43	/	/	<=30	Pass
		Inner_Full	22.54	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	20.56	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.55	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	20.45	/	/	<=30	Pass
		Outer_Full	22.39	/	/	20.39	/	/	<=30	Pass
		Inner_Full	22.40	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	20.43	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge_1RB_Left	20.43	/	/	18.43	/	/	<=30	Pass
		Edge_1RB_Right	20.28	/	/	18.28	/	/	<=30	Pass
		Outer_Full	21.63	/	/	19.63	/	/	<=30	Pass
		Inner_Full	21.66	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	19.50	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	19.43	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.26	/	/	18.26	/	/	<=30	Pass
		Edge_1RB_Right	20.07	/	/	18.07	/	/	<=30	Pass
		Outer_Full	21.51	/	/	19.51	/	/	<=30	Pass
		Inner_Full	21.53	/	/	19.53	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	19.33	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.19	/	/	18.19	/	/	<=30	Pass
		Edge_1RB_Right	20.12	/	/	18.12	/	/	<=30	Pass
		Outer_Full	21.44	/	/	19.44	/	/	<=30	Pass
		Inner_Full	21.45	/	/	19.45	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	19.44	/	/	<=30	Pass
		Inner_1RB_Right	21.20	/	/	19.20	/	/	<=30	Pass
CP-OFDM QPSK	1715	Edge_1RB_Left	22.07	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	20.02	/	/	<=30	Pass
		Outer_Full	22.21	/	/	20.21	/	/	<=30	Pass
		Inner_Full	23.25	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	21.42	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.14	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.04	/	/	20.04	/	/	<=30	Pass
		Inner_Full	23.32	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	21.21	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.04	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.04	/	/	20.04	/	/	<=30	Pass
		Inner_Full	23.23	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	21.07	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge_1RB_Left	22.20	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	20.35	/	/	<=30	Pass
		Outer_Full	22.22	/	/	20.22	/	/	<=30	Pass
		Inner_Full	23.41	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	21.33	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.97	/	/	19.97	/	/	<=30	Pass

		Edge 1RB Right	21.98	/	/	19.98	/	/	<=30	Pass
		Outer_Full	22.18	/	/	20.18	/	/	<=30	Pass
		Inner_Full	23.34	/	/	21.34	/	/	<=30	Pass
		Inner 1RB Left	23.28	/	/	21.28	/	/	<=30	Pass
		Inner 1RB Right	23.19	/	/	21.19	/	/	<=30	Pass
	1775	Edge 1RB Left	22.00	/	/	20.00	/	/	<=30	Pass
		Edge 1RB Right	21.79	/	/	19.79	/	/	<=30	Pass
		Outer_Full	21.96	/	/	19.96	/	/	<=30	Pass
		Inner_Full	23.28	/	/	21.28	/	/	<=30	Pass
		Inner 1RB Left	23.21	/	/	21.21	/	/	<=30	Pass
CP-OFDM 64 QAM	1715	Edge 1RB Left	21.55	/	/	19.55	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	19.58	/	/	<=30	Pass
		Outer_Full	21.53	/	/	19.53	/	/	<=30	Pass
		Inner_Full	21.75	/	/	19.75	/	/	<=30	Pass
		Inner 1RB Left	21.78	/	/	19.78	/	/	<=30	Pass
		Inner 1RB Right	21.89	/	/	19.89	/	/	<=30	Pass
	1745	Edge 1RB Left	21.45	/	/	19.45	/	/	<=30	Pass
		Edge 1RB Right	21.38	/	/	19.38	/	/	<=30	Pass
		Outer_Full	21.39	/	/	19.39	/	/	<=30	Pass
		Inner_Full	21.67	/	/	19.67	/	/	<=30	Pass
		Inner 1RB Left	21.66	/	/	19.66	/	/	<=30	Pass
		Inner 1RB Right	21.58	/	/	19.58	/	/	<=30	Pass
	1775	Edge 1RB Left	21.35	/	/	19.35	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	19.16	/	/	<=30	Pass
		Outer_Full	21.32	/	/	19.32	/	/	<=30	Pass
		Inner_Full	21.57	/	/	19.57	/	/	<=30	Pass
		Inner 1RB Left	21.50	/	/	19.50	/	/	<=30	Pass
		Inner 1RB Right	21.42	/	/	19.42	/	/	<=30	Pass
CP-OFDM 256 QAM	1715	Edge 1RB Left	18.41	/	/	16.41	/	/	<=30	Pass
		Edge 1RB Right	18.36	/	/	16.36	/	/	<=30	Pass
		Outer_Full	19.72	/	/	17.72	/	/	<=30	Pass
		Inner_Full	19.63	/	/	17.63	/	/	<=30	Pass
		Inner 1RB Left	19.35	/	/	17.35	/	/	<=30	Pass
		Inner 1RB Right	19.28	/	/	17.28	/	/	<=30	Pass
	1745	Edge 1RB Left	18.35	/	/	16.35	/	/	<=30	Pass
		Edge 1RB Right	18.25	/	/	16.25	/	/	<=30	Pass
		Outer_Full	19.65	/	/	17.65	/	/	<=30	Pass
		Inner_Full	19.50	/	/	17.50	/	/	<=30	Pass
		Inner 1RB Left	19.26	/	/	17.26	/	/	<=30	Pass
		Inner 1RB Right	19.21	/	/	17.21	/	/	<=30	Pass
	1775	Edge 1RB Left	18.29	/	/	16.29	/	/	<=30	Pass
		Edge 1RB Right	18.21	/	/	16.21	/	/	<=30	Pass
		Outer_Full	19.45	/	/	17.45	/	/	<=30	Pass
		Inner_Full	19.40	/	/	17.40	/	/	<=30	Pass
		Inner 1RB Left	19.29	/	/	17.29	/	/	<=30	Pass
		Inner 1RB Right	19.05	/	/	17.05	/	/	<=30	Pass
Note1: Antenna Gain: Ant41: -2.00dBi; 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
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Edge 1RB Left	24.30	/	/	22.30	/	/	<=30	Pass
		Edge 1RB Right	24.17	/	/	22.17	/	/	<=30	Pass
		Outer_Full	24.30	/	/	22.30	/	/	<=30	Pass

		Inner_Full	24.79	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	24.73	/	/	22.73	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.10	/	/	22.10	/	/	<=30	Pass
		Edge_1RB_Right	24.16	/	/	22.16	/	/	<=30	Pass
		Outer_Full	24.21	/	/	22.21	/	/	<=30	Pass
		Inner_Full	24.63	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	22.67	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	24.08	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Right	24.08	/	/	22.08	/	/	<=30	Pass
		Outer_Full	24.24	/	/	22.24	/	/	<=30	Pass
		Inner_Full	24.65	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	22.45	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	24.16	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	24.04	/	/	22.04	/	/	<=30	Pass
		Outer_Full	24.01	/	/	22.01	/	/	<=30	Pass
		Inner_Full	24.84	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	22.94	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.92	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	23.97	/	/	21.97	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.81	/	/	<=30	Pass
		Inner_Full	24.58	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	24.64	/	/	22.64	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.94	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	23.81	/	/	21.81	/	/	<=30	Pass
		Outer_Full	23.79	/	/	21.79	/	/	<=30	Pass
		Inner_Full	24.64	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	22.68	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	23.50	/	/	21.50	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	21.38	/	/	<=30	Pass
		Outer_Full	23.31	/	/	21.31	/	/	<=30	Pass
		Inner_Full	24.07	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	21.83	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.36	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	23.39	/	/	21.39	/	/	<=30	Pass
		Outer_Full	23.21	/	/	21.21	/	/	<=30	Pass
		Inner_Full	23.70	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	21.78	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.46	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	21.31	/	/	<=30	Pass
		Outer_Full	23.08	/	/	21.08	/	/	<=30	Pass
		Inner_Full	23.61	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	21.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Edge_1RB_Left	22.77	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.87	/	/	<=30	Pass
		Outer_Full	22.64	/	/	20.64	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	20.49	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.52	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	20.44	/	/	<=30	Pass

		Outer_Full	22.58	/	/	20.58	/	/	<=30	Pass
		Inner_Full	22.56	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.59	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.41	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	20.48	/	/	<=30	Pass
		Outer_Full	22.42	/	/	20.42	/	/	<=30	Pass
		Inner_Full	22.46	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	20.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1717.5	Edge_1RB_Left	20.56	/	/	18.56	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	18.47	/	/	<=30	Pass
		Outer_Full	21.72	/	/	19.72	/	/	<=30	Pass
		Inner_Full	21.69	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	19.50	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	19.49	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.27	/	/	18.27	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	18.44	/	/	<=30	Pass
		Outer_Full	21.62	/	/	19.62	/	/	<=30	Pass
		Inner_Full	21.60	/	/	19.60	/	/	<=30	Pass
		Inner_1RB_Left	21.28	/	/	19.28	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	19.41	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.37	/	/	18.37	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	18.02	/	/	<=30	Pass
		Outer_Full	21.54	/	/	19.54	/	/	<=30	Pass
		Inner_Full	21.56	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	19.39	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	19.41	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	22.45	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	20.45	/	/	<=30	Pass
		Outer_Full	22.32	/	/	20.32	/	/	<=30	Pass
		Inner_Full	23.52	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	21.52	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.15	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	20.22	/	/	<=30	Pass
		Outer_Full	22.21	/	/	20.21	/	/	<=30	Pass
		Inner_Full	23.44	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	21.49	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.23	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	20.22	/	/	<=30	Pass
		Outer_Full	22.15	/	/	20.15	/	/	<=30	Pass
		Inner_Full	23.27	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	21.34	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Edge_1RB_Left	22.44	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	20.24	/	/	<=30	Pass
		Outer_Full	22.26	/	/	20.26	/	/	<=30	Pass
		Inner_Full	23.36	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	21.52	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.22	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	20.36	/	/	<=30	Pass
		Outer_Full	22.11	/	/	20.11	/	/	<=30	Pass
		Inner_Full	23.36	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	21.44	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.29	/	/	20.29	/	/	<=30	Pass

		Edge 1RB Right	22.16	/	/	20.16	/	/	<=30	Pass
		Outer_Full	22.12	/	/	20.12	/	/	<=30	Pass
		Inner_Full	23.20	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	21.30	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.75	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	19.70	/	/	<=30	Pass
		Outer_Full	21.57	/	/	19.57	/	/	<=30	Pass
		Inner_Full	22.04	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Left	21.52	/	/	19.52	/	/	<=30	Pass
	1745	Edge_1RB_Right	21.62	/	/	19.62	/	/	<=30	Pass
		Outer_Full	21.46	/	/	19.46	/	/	<=30	Pass
		Inner_Full	21.66	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Left	21.70	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	19.77	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.57	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	19.34	/	/	<=30	Pass
		Outer_Full	21.45	/	/	19.45	/	/	<=30	Pass
		Inner_Full	21.65	/	/	19.65	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	19.63	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	18.51	/	/	16.51	/	/	<=30	Pass
		Edge_1RB_Right	18.39	/	/	16.39	/	/	<=30	Pass
		Outer_Full	19.75	/	/	17.75	/	/	<=30	Pass
		Inner_Full	19.74	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	17.52	/	/	<=30	Pass
		Inner_1RB_Right	19.43	/	/	17.43	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.31	/	/	16.31	/	/	<=30	Pass
		Edge_1RB_Right	18.36	/	/	16.36	/	/	<=30	Pass
		Outer_Full	19.70	/	/	17.70	/	/	<=30	Pass
		Inner_Full	19.69	/	/	17.69	/	/	<=30	Pass
		Inner_1RB_Left	19.36	/	/	17.36	/	/	<=30	Pass
		Inner_1RB_Right	19.31	/	/	17.31	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	18.96	/	/	16.96	/	/	<=30	Pass
		Edge_1RB_Right	19.00	/	/	17.00	/	/	<=30	Pass
		Outer_Full	19.61	/	/	17.61	/	/	<=30	Pass
		Inner_Full	19.58	/	/	17.58	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	17.69	/	/	<=30	Pass
	Inner_1RB_Right	19.37	/	/	17.37	/	/	<=30	Pass	
Note1: Antenna Gain: Ant41: -2.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Edge 1RB Left	24.23	/	/	22.23	/	/	<=30	Pass
		Edge 1RB Right	24.13	/	/	22.13	/	/	<=30	Pass
		Outer_Full	24.26	/	/	22.26	/	/	<=30	Pass
		Inner_Full	24.78	/	/	22.78	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Right	24.61	/	/	22.61	/	/	<=30	Pass
	1745	Edge 1RB Left	24.08	/	/	22.08	/	/	<=30	Pass
		Edge 1RB Right	24.12	/	/	22.12	/	/	<=30	Pass
		Outer_Full	24.09	/	/	22.09	/	/	<=30	Pass

		Inner_Full	24.72	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	22.62	/	/	<=30	Pass
	1770	Edge_1RB_Left	24.13	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	23.92	/	/	21.92	/	/	<=30	Pass
		Outer_Full	24.15	/	/	22.15	/	/	<=30	Pass
		Inner_Full	24.72	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	22.53	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge_1RB_Left	24.01	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	23.96	/	/	21.96	/	/	<=30	Pass
		Outer_Full	23.98	/	/	21.98	/	/	<=30	Pass
		Inner_Full	24.51	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	24.78	/	/	22.78	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.01	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	24.00	/	/	22.00	/	/	<=30	Pass
		Outer_Full	23.91	/	/	21.91	/	/	<=30	Pass
		Inner_Full	24.74	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	22.81	/	/	<=30	Pass
	1770	Edge_1RB_Left	23.78	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	23.91	/	/	21.91	/	/	<=30	Pass
		Outer_Full	23.88	/	/	21.88	/	/	<=30	Pass
		Inner_Full	24.75	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	22.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Edge_1RB_Left	23.29	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	21.48	/	/	<=30	Pass
		Outer_Full	23.12	/	/	21.12	/	/	<=30	Pass
		Inner_Full	23.75	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	21.83	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.21	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	21.34	/	/	<=30	Pass
		Outer_Full	23.14	/	/	21.14	/	/	<=30	Pass
		Inner_Full	23.67	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.82	/	/	<=30	Pass
	1770	Edge_1RB_Left	23.27	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	23.19	/	/	21.19	/	/	<=30	Pass
		Outer_Full	23.19	/	/	21.19	/	/	<=30	Pass
		Inner_Full	23.65	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	21.72	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1720	Edge_1RB_Left	22.80	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.66	/	/	<=30	Pass
		Outer_Full	22.55	/	/	20.55	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	20.65	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.43	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.52	/	/	<=30	Pass
		Outer_Full	22.54	/	/	20.54	/	/	<=30	Pass
		Inner_Full	22.51	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.59	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.59	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	20.31	/	/	<=30	Pass

		Outer_Full	22.46	/	/	20.46	/	/	<=30	Pass
		Inner_Full	22.50	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	20.69	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Edge_1RB_Left	20.42	/	/	18.42	/	/	<=30	Pass
		Edge_1RB_Right	20.35	/	/	18.35	/	/	<=30	Pass
		Outer_Full	21.74	/	/	19.74	/	/	<=30	Pass
		Inner_Full	21.73	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	21.46	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Left	20.31	/	/	18.31	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	18.34	/	/	<=30	Pass
	1745	Outer_Full	21.70	/	/	19.70	/	/	<=30	Pass
		Inner_Full	21.69	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	19.42	/	/	<=30	Pass
		Edge_1RB_Left	20.44	/	/	18.44	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	18.27	/	/	<=30	Pass
	1770	Outer_Full	21.65	/	/	19.65	/	/	<=30	Pass
		Inner_Full	21.61	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	19.42	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	19.27	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge_1RB_Left	22.43	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	20.26	/	/	<=30	Pass
		Outer_Full	22.24	/	/	20.24	/	/	<=30	Pass
		Inner_Full	23.45	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	21.37	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.25	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	20.37	/	/	<=30	Pass
		Outer_Full	22.16	/	/	20.16	/	/	<=30	Pass
		Inner_Full	23.37	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	21.36	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.50	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.20	/	/	20.20	/	/	<=30	Pass
		Inner_Full	23.34	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	21.19	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Edge_1RB_Left	22.29	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.28	/	/	20.28	/	/	<=30	Pass
		Inner_Full	23.50	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	21.38	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.17	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	19.98	/	/	<=30	Pass
		Outer_Full	22.19	/	/	20.19	/	/	<=30	Pass
		Inner_Full	23.46	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	21.41	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.32	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	20.03	/	/	<=30	Pass
		Outer_Full	22.17	/	/	20.17	/	/	<=30	Pass
		Inner_Full	23.37	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	21.25	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Edge_1RB_Left	21.69	/	/	19.69	/	/	<=30	Pass

		Edge 1RB Right	21.53	/	/	19.53	/	/	<=30	Pass
		Outer_Full	21.56	/	/	19.56	/	/	<=30	Pass
		Inner_Full	21.71	/	/	19.71	/	/	<=30	Pass
		Inner 1RB Left	21.89	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Right	21.78	/	/	19.78	/	/	<=30	Pass
	1745	Edge 1RB Left	21.45	/	/	19.45	/	/	<=30	Pass
		Edge 1RB Right	21.52	/	/	19.52	/	/	<=30	Pass
		Outer_Full	21.50	/	/	19.50	/	/	<=30	Pass
		Inner_Full	21.72	/	/	19.72	/	/	<=30	Pass
		Inner 1RB Left	21.74	/	/	19.74	/	/	<=30	Pass
	1770	Inner 1RB Right	21.72	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Left	21.67	/	/	19.67	/	/	<=30	Pass
		Edge 1RB Right	21.38	/	/	19.38	/	/	<=30	Pass
		Outer_Full	21.51	/	/	19.51	/	/	<=30	Pass
		Inner_Full	21.61	/	/	19.61	/	/	<=30	Pass
CP-OFDM 256 QAM	1720	Inner 1RB Left	21.83	/	/	19.83	/	/	<=30	Pass
		Inner 1RB Right	21.65	/	/	19.65	/	/	<=30	Pass
		Edge 1RB Left	18.52	/	/	16.52	/	/	<=30	Pass
		Edge 1RB Right	18.41	/	/	16.41	/	/	<=30	Pass
		Outer_Full	19.74	/	/	17.74	/	/	<=30	Pass
		Inner_Full	19.64	/	/	17.64	/	/	<=30	Pass
	1745	Inner 1RB Left	19.51	/	/	17.51	/	/	<=30	Pass
		Inner 1RB Right	19.38	/	/	17.38	/	/	<=30	Pass
		Edge 1RB Left	18.36	/	/	16.36	/	/	<=30	Pass
		Edge 1RB Right	18.56	/	/	16.56	/	/	<=30	Pass
		Outer_Full	19.65	/	/	17.65	/	/	<=30	Pass
		Inner_Full	19.63	/	/	17.63	/	/	<=30	Pass
	1770	Inner 1RB Left	19.27	/	/	17.27	/	/	<=30	Pass
		Inner 1RB Right	19.36	/	/	17.36	/	/	<=30	Pass
		Edge 1RB Left	18.50	/	/	16.50	/	/	<=30	Pass
		Edge 1RB Right	18.34	/	/	16.34	/	/	<=30	Pass
		Outer_Full	19.66	/	/	17.66	/	/	<=30	Pass
	Inner_Full	19.64	/	/	17.64	/	/	<=30	Pass	
	Inner 1RB Left	19.46	/	/	17.46	/	/	<=30	Pass	
	Inner 1RB Right	19.43	/	/	17.43	/	/	<=30	Pass	
Note1: Antenna Gain: Ant41: -2.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1722.5	Edge 1RB Left	24.22	/	/	22.22	/	/	<=30	Pass
		Edge 1RB Right	24.13	/	/	22.13	/	/	<=30	Pass
		Outer_Full	24.27	/	/	22.27	/	/	<=30	Pass
		Inner_Full	24.68	/	/	22.68	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Right	24.67	/	/	22.67	/	/	<=30	Pass
	1745	Edge 1RB Left	24.28	/	/	22.28	/	/	<=30	Pass
		Edge 1RB Right	24.26	/	/	22.26	/	/	<=30	Pass
		Outer_Full	24.28	/	/	22.28	/	/	<=30	Pass
		Inner_Full	24.67	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Left	24.78	/	/	22.78	/	/	<=30	Pass
	1767.5	Inner 1RB Right	24.78	/	/	22.78	/	/	<=30	Pass
		Edge 1RB Left	24.22	/	/	22.22	/	/	<=30	Pass
		Edge 1RB Right	24.03	/	/	22.03	/	/	<=30	Pass
		Outer_Full	24.19	/	/	22.19	/	/	<=30	Pass

		Inner_Full	24.61	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	22.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	1722.5	Edge_1RB_Left	23.97	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	24.04	/	/	22.04	/	/	<=30	Pass
		Outer_Full	23.90	/	/	21.90	/	/	<=30	Pass
		Inner_Full	24.64	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	22.85	/	/	<=30	Pass
		Edge_1RB_Left	24.12	/	/	22.12	/	/	<=30	Pass
	1745	Edge_1RB_Right	24.03	/	/	22.03	/	/	<=30	Pass
		Outer_Full	23.91	/	/	21.91	/	/	<=30	Pass
		Inner_Full	24.80	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	22.80	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	24.33	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	23.86	/	/	21.86	/	/	<=30	Pass
		Outer_Full	23.83	/	/	21.83	/	/	<=30	Pass
		Inner_Full	24.59	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Left	23.43	/	/	21.43	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1722.5	Edge_1RB_Right	23.35	/	/	21.35	/	/	<=30	Pass
		Outer_Full	23.13	/	/	21.13	/	/	<=30	Pass
		Inner_Full	23.62	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	21.80	/	/	<=30	Pass
		Edge_1RB_Left	23.54	/	/	21.54	/	/	<=30	Pass
	1745	Edge_1RB_Right	23.26	/	/	21.26	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.97	/	/	<=30	Pass
		Inner_Full	23.64	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	21.72	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	23.56	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	21.32	/	/	<=30	Pass
		Outer_Full	23.14	/	/	21.14	/	/	<=30	Pass
		Inner_Full	23.57	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.82	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1722.5	Edge_1RB_Left	22.73	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.66	/	/	<=30	Pass
		Outer_Full	22.50	/	/	20.50	/	/	<=30	Pass
		Inner_Full	22.59	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	22.60	/	/	20.60	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.74	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.63	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.53	/	/	<=30	Pass
		Inner_Full	22.42	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	20.72	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	22.61	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	20.54	/	/	<=30	Pass
		Outer_Full	22.49	/	/	20.49	/	/	<=30	Pass
		Inner_Full	22.49	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	20.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1722.5	Inner_1RB_Right	22.58	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Left	20.53	/	/	18.53	/	/	<=30	Pass
		Edge_1RB_Right	20.38	/	/	18.38	/	/	<=30	Pass

		Outer_Full	21.76	/	/	19.76	/	/	<=30	Pass
		Inner_Full	21.72	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Right	21.40	/	/	19.40	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.48	/	/	18.48	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	18.46	/	/	<=30	Pass
		Outer_Full	21.74	/	/	19.74	/	/	<=30	Pass
		Inner_Full	21.70	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	19.44	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	20.52	/	/	18.52	/	/	<=30	Pass
		Edge_1RB_Right	20.29	/	/	18.29	/	/	<=30	Pass
		Outer_Full	21.67	/	/	19.67	/	/	<=30	Pass
		Inner_Full	21.65	/	/	19.65	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	19.38	/	/	<=30	Pass
CP-OFDM QPSK	1722.5	Edge_1RB_Left	22.56	/	/	20.56	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	20.28	/	/	<=30	Pass
		Outer_Full	22.21	/	/	20.21	/	/	<=30	Pass
		Inner_Full	23.43	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	21.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.27	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	20.23	/	/	<=30	Pass
		Outer_Full	22.14	/	/	20.14	/	/	<=30	Pass
		Inner_Full	23.46	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	21.40	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	22.26	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	20.11	/	/	<=30	Pass
		Outer_Full	22.19	/	/	20.19	/	/	<=30	Pass
		Inner_Full	23.37	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	21.31	/	/	<=30	Pass
CP-OFDM 16 QAM	1722.5	Edge_1RB_Left	22.41	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	20.24	/	/	<=30	Pass
		Outer_Full	22.21	/	/	20.21	/	/	<=30	Pass
		Inner_Full	23.41	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	21.32	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.48	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	20.32	/	/	<=30	Pass
		Outer_Full	22.20	/	/	20.20	/	/	<=30	Pass
		Inner_Full	23.31	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	21.43	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	22.38	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	20.23	/	/	<=30	Pass
		Outer_Full	22.27	/	/	20.27	/	/	<=30	Pass
		Inner_Full	23.42	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	21.39	/	/	<=30	Pass
CP-OFDM 64 QAM	1722.5	Edge_1RB_Left	21.65	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	19.58	/	/	<=30	Pass
		Outer_Full	21.63	/	/	19.63	/	/	<=30	Pass
		Inner_Full	21.64	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	19.78	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.56	/	/	19.56	/	/	<=30	Pass

		Edge 1RB Right	21.51	/	/	19.51	/	/	<=30	Pass
		Outer Full	21.53	/	/	19.53	/	/	<=30	Pass
		Inner Full	21.65	/	/	19.65	/	/	<=30	Pass
		Inner 1RB Left	21.70	/	/	19.70	/	/	<=30	Pass
		Inner 1RB Right	21.71	/	/	19.71	/	/	<=30	Pass
	1767.5	Edge 1RB Left	21.65	/	/	19.65	/	/	<=30	Pass
		Edge 1RB Right	21.49	/	/	19.49	/	/	<=30	Pass
		Outer Full	21.55	/	/	19.55	/	/	<=30	Pass
		Inner Full	21.68	/	/	19.68	/	/	<=30	Pass
		Inner 1RB Left	21.93	/	/	19.93	/	/	<=30	Pass
		Inner 1RB Right	21.70	/	/	19.70	/	/	<=30	Pass
	CP-OFDM 256 QAM	1722.5	Edge 1RB Left	18.57	/	/	16.57	/	/	<=30
Edge 1RB Right			18.44	/	/	16.44	/	/	<=30	Pass
Outer Full			19.74	/	/	17.74	/	/	<=30	Pass
Inner Full			19.75	/	/	17.75	/	/	<=30	Pass
Inner 1RB Left			19.66	/	/	17.66	/	/	<=30	Pass
Inner 1RB Right			19.48	/	/	17.48	/	/	<=30	Pass
1745		Edge 1RB Left	18.48	/	/	16.48	/	/	<=30	Pass
		Edge 1RB Right	18.49	/	/	16.49	/	/	<=30	Pass
		Outer Full	19.77	/	/	17.77	/	/	<=30	Pass
		Inner Full	19.72	/	/	17.72	/	/	<=30	Pass
		Inner 1RB Left	19.51	/	/	17.51	/	/	<=30	Pass
		Inner 1RB Right	19.58	/	/	17.58	/	/	<=30	Pass
1767.5		Edge 1RB Left	18.51	/	/	16.51	/	/	<=30	Pass
		Edge 1RB Right	18.39	/	/	16.39	/	/	<=30	Pass
		Outer Full	19.66	/	/	17.66	/	/	<=30	Pass
		Inner Full	19.71	/	/	17.71	/	/	<=30	Pass
		Inner 1RB Left	19.51	/	/	17.51	/	/	<=30	Pass
		Inner 1RB Right	19.46	/	/	17.46	/	/	<=30	Pass
Note1: Antenna Gain: Ant41: -2.00dBi; 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
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1725	Edge 1RB Left	24.12	/	/	22.12	/	/	<=30	Pass
		Edge 1RB Right	24.03	/	/	22.03	/	/	<=30	Pass
		Outer Full	24.29	/	/	22.29	/	/	<=30	Pass
		Inner Full	24.65	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Left	24.70	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Right	24.42	/	/	22.42	/	/	<=30	Pass
	1745	Edge 1RB Left	24.09	/	/	22.09	/	/	<=30	Pass
		Edge 1RB Right	24.02	/	/	22.02	/	/	<=30	Pass
		Outer Full	24.25	/	/	22.25	/	/	<=30	Pass
		Inner Full	24.66	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Left	24.61	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Right	24.60	/	/	22.60	/	/	<=30	Pass
	1765	Edge 1RB Left	24.12	/	/	22.12	/	/	<=30	Pass
		Edge 1RB Right	23.94	/	/	21.94	/	/	<=30	Pass
		Outer Full	24.32	/	/	22.32	/	/	<=30	Pass
		Inner Full	24.68	/	/	22.68	/	/	<=30	Pass
		Inner 1RB Left	24.46	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Right	24.51	/	/	22.51	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Edge 1RB Left	23.95	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	23.93	/	/	21.93	/	/	<=30	Pass
		Outer Full	23.94	/	/	21.94	/	/	<=30	Pass

		Inner_Full	24.55	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	22.77	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.91	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	23.97	/	/	21.97	/	/	<=30	Pass
		Outer_Full	23.87	/	/	21.87	/	/	<=30	Pass
		Inner_Full	24.51	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Right	24.73	/	/	22.73	/	/	<=30	Pass
	1765	Edge_1RB_Left	23.99	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Right	23.88	/	/	21.88	/	/	<=30	Pass
		Outer_Full	23.87	/	/	21.87	/	/	<=30	Pass
		Inner_Full	24.69	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	22.74	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1725	Inner_1RB_Right	24.70	/	/	22.70	/	/	<=30	Pass
		Edge_1RB_Left	23.37	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	21.29	/	/	<=30	Pass
		Outer_Full	23.23	/	/	21.23	/	/	<=30	Pass
		Inner_Full	23.70	/	/	21.70	/	/	<=30	Pass
	1745	Inner_1RB_Left	23.85	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Left	23.25	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	21.29	/	/	<=30	Pass
		Outer_Full	23.26	/	/	21.26	/	/	<=30	Pass
	1765	Inner_Full	23.61	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Left	23.04	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	21.07	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	23.20	/	/	21.20	/	/	<=30	Pass
		Inner_Full	23.65	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Left	22.56	/	/	20.56	/	/	<=30	Pass
	1745	Edge_1RB_Right	22.75	/	/	20.75	/	/	<=30	Pass
		Outer_Full	22.55	/	/	20.55	/	/	<=30	Pass
		Inner_Full	22.48	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	20.46	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.62	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	20.54	/	/	<=30	Pass
		Outer_Full	22.47	/	/	20.47	/	/	<=30	Pass
		Inner_Full	22.46	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	20.60	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Inner_1RB_Right	22.63	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	20.33	/	/	<=30	Pass
		Outer_Full	22.47	/	/	20.47	/	/	<=30	Pass
		Inner_Full	22.47	/	/	20.47	/	/	<=30	Pass
	1745	Inner_1RB_Left	22.40	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Left	20.62	/	/	18.62	/	/	<=30	Pass
		Edge_1RB_Right	20.36	/	/	18.36	/	/	<=30	Pass
		Outer_Full	21.84	/	/	19.84	/	/	<=30	Pass
	1765	Inner_Full	21.76	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	19.61	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.58	/	/	18.58	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	18.56	/	/	<=30	Pass

		Outer_Full	21.77	/	/	19.77	/	/	<=30	Pass
		Inner_Full	21.60	/	/	19.60	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	19.53	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.60	/	/	18.60	/	/	<=30	Pass
		Edge_1RB_Right	20.35	/	/	18.35	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.79	/	/	<=30	Pass
		Inner_Full	21.71	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	19.33	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	22.35	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.30	/	/	20.30	/	/	<=30	Pass
		Inner_Full	23.30	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	21.16	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.20	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	20.22	/	/	<=30	Pass
		Outer_Full	22.23	/	/	20.23	/	/	<=30	Pass
		Inner_Full	23.29	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	21.74	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.14	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	20.00	/	/	<=30	Pass
		Outer_Full	22.26	/	/	20.26	/	/	<=30	Pass
		Inner_Full	23.34	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	21.20	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge_1RB_Left	22.27	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	20.12	/	/	<=30	Pass
		Outer_Full	22.29	/	/	20.29	/	/	<=30	Pass
		Inner_Full	23.36	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	21.39	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.15	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.30	/	/	20.30	/	/	<=30	Pass
		Inner_Full	23.30	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	21.63	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.18	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	20.19	/	/	<=30	Pass
		Outer_Full	22.21	/	/	20.21	/	/	<=30	Pass
		Inner_Full	23.58	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	21.34	/	/	<=30	Pass
CP-OFDM 64 QAM	1725	Edge_1RB_Left	21.58	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	19.51	/	/	<=30	Pass
		Outer_Full	21.65	/	/	19.65	/	/	<=30	Pass
		Inner_Full	21.76	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	19.63	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.57	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	19.63	/	/	<=30	Pass
		Outer_Full	21.53	/	/	19.53	/	/	<=30	Pass
		Inner_Full	21.68	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	19.81	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.54	/	/	19.54	/	/	<=30	Pass

		Edge 1RB Right	21.44	/	/	19.44	/	/	<=30	Pass	
		Outer Full	21.47	/	/	19.47	/	/	<=30	Pass	
		Inner Full	21.73	/	/	19.73	/	/	<=30	Pass	
		Inner 1RB Left	22.03	/	/	20.03	/	/	<=30	Pass	
		Inner 1RB Right	21.88	/	/	19.88	/	/	<=30	Pass	
CP-OFDM 256 QAM	1725	Edge 1RB Left	18.56	/	/	16.56	/	/	<=30	Pass	
		Edge 1RB Right	18.39	/	/	16.39	/	/	<=30	Pass	
		Outer Full	19.74	/	/	17.74	/	/	<=30	Pass	
		Inner Full	19.72	/	/	17.72	/	/	<=30	Pass	
		Inner 1RB Left	19.63	/	/	17.63	/	/	<=30	Pass	
		Inner 1RB Right	19.38	/	/	17.38	/	/	<=30	Pass	
	1745	Edge 1RB Left	18.60	/	/	16.60	/	/	<=30	Pass	
		Edge 1RB Right	18.58	/	/	16.58	/	/	<=30	Pass	
		Outer Full	19.64	/	/	17.64	/	/	<=30	Pass	
		Inner Full	19.73	/	/	17.73	/	/	<=30	Pass	
		Inner 1RB Left	19.60	/	/	17.60	/	/	<=30	Pass	
		Inner 1RB Right	19.52	/	/	17.52	/	/	<=30	Pass	
	1765	Edge 1RB Left	18.57	/	/	16.57	/	/	<=30	Pass	
		Edge 1RB Right	18.45	/	/	16.45	/	/	<=30	Pass	
		Outer Full	19.78	/	/	17.78	/	/	<=30	Pass	
		Inner Full	19.78	/	/	17.78	/	/	<=30	Pass	
		Inner 1RB Left	19.57	/	/	17.57	/	/	<=30	Pass	
		Inner 1RB Right	19.42	/	/	17.42	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant41: -2.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_35MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 35MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1727.5	Edge 1RB Left	24.36	/	/	22.36	/	/	<=30	Pass
		Edge 1RB Right	24.15	/	/	22.15	/	/	<=30	Pass
		Outer Full	24.26	/	/	22.26	/	/	<=30	Pass
		Inner Full	24.67	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Left	24.91	/	/	22.91	/	/	<=30	Pass
		Inner 1RB Right	24.63	/	/	22.63	/	/	<=30	Pass
	1745	Edge 1RB Left	24.30	/	/	22.30	/	/	<=30	Pass
		Edge 1RB Right	24.18	/	/	22.18	/	/	<=30	Pass
		Outer Full	24.24	/	/	22.24	/	/	<=30	Pass
		Inner Full	24.70	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Left	24.82	/	/	22.82	/	/	<=30	Pass
		Inner 1RB Right	24.74	/	/	22.74	/	/	<=30	Pass
	1762.5	Edge 1RB Left	24.15	/	/	22.15	/	/	<=30	Pass
		Edge 1RB Right	24.04	/	/	22.04	/	/	<=30	Pass
		Outer Full	24.18	/	/	22.18	/	/	<=30	Pass
		Inner Full	24.70	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Left	24.70	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Right	24.57	/	/	22.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	1727.5	Edge 1RB Left	24.26	/	/	22.26	/	/	<=30	Pass
		Edge 1RB Right	23.85	/	/	21.85	/	/	<=30	Pass
		Outer Full	24.07	/	/	22.07	/	/	<=30	Pass
		Inner Full	24.68	/	/	22.68	/	/	<=30	Pass
		Inner 1RB Left	25.02	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Right	24.87	/	/	22.87	/	/	<=30	Pass
	1745	Edge 1RB Left	24.12	/	/	22.12	/	/	<=30	Pass
		Edge 1RB Right	24.05	/	/	22.05	/	/	<=30	Pass
		Outer Full	23.85	/	/	21.85	/	/	<=30	Pass

		Inner_Full	24.73	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	22.89	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	24.00	/	/	22.00	/	/	<=30	Pass
		Edge_1RB_Right	23.94	/	/	21.94	/	/	<=30	Pass
		Outer_Full	23.90	/	/	21.90	/	/	<=30	Pass
		Inner_Full	24.63	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	22.62	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1727.5	Edge_1RB_Left	23.62	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	21.33	/	/	<=30	Pass
		Outer_Full	23.21	/	/	21.21	/	/	<=30	Pass
		Inner_Full	23.67	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	21.84	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.57	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	21.45	/	/	<=30	Pass
		Outer_Full	23.26	/	/	21.26	/	/	<=30	Pass
		Inner_Full	23.65	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	21.95	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	23.15	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	21.22	/	/	<=30	Pass
		Outer_Full	23.24	/	/	21.24	/	/	<=30	Pass
		Inner_Full	23.64	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	21.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1727.5	Edge_1RB_Left	22.83	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.52	/	/	<=30	Pass
		Outer_Full	22.63	/	/	20.63	/	/	<=30	Pass
		Inner_Full	22.43	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	20.54	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.72	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	20.73	/	/	<=30	Pass
		Outer_Full	22.51	/	/	20.51	/	/	<=30	Pass
		Inner_Full	22.52	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	20.74	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	22.63	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.55	/	/	<=30	Pass
		Outer_Full	22.46	/	/	20.46	/	/	<=30	Pass
		Inner_Full	22.47	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.59	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1727.5	Edge_1RB_Left	20.59	/	/	18.59	/	/	<=30	Pass
		Edge_1RB_Right	20.36	/	/	18.36	/	/	<=30	Pass
		Outer_Full	21.76	/	/	19.76	/	/	<=30	Pass
		Inner_Full	21.76	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	19.49	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.61	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	18.51	/	/	<=30	Pass
		Outer_Full	21.81	/	/	19.81	/	/	<=30	Pass
		Inner_Full	21.62	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	19.48	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	20.45	/	/	18.45	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	18.34	/	/	<=30	Pass

		Outer_Full	21.67	/	/	19.67	/	/	<=30	Pass
		Inner_Full	21.61	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	19.35	/	/	<=30	Pass
CP-OFDM QPSK	1727.5	Edge_1RB_Left	22.73	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	20.19	/	/	<=30	Pass
		Outer_Full	22.31	/	/	20.31	/	/	<=30	Pass
		Inner_Full	23.41	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	21.42	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.46	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	20.38	/	/	<=30	Pass
		Outer_Full	22.19	/	/	20.19	/	/	<=30	Pass
		Inner_Full	23.29	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	21.56	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	22.29	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	20.12	/	/	<=30	Pass
		Outer_Full	22.21	/	/	20.21	/	/	<=30	Pass
		Inner_Full	23.28	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	21.40	/	/	<=30	Pass
CP-OFDM 16 QAM	1727.5	Edge_1RB_Left	22.37	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	20.15	/	/	<=30	Pass
		Outer_Full	22.31	/	/	20.31	/	/	<=30	Pass
		Inner_Full	23.38	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	21.39	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.40	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	20.33	/	/	<=30	Pass
		Outer_Full	22.24	/	/	20.24	/	/	<=30	Pass
		Inner_Full	23.31	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	21.60	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	22.28	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	20.20	/	/	<=30	Pass
		Outer_Full	22.18	/	/	20.18	/	/	<=30	Pass
		Inner_Full	23.32	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	21.44	/	/	<=30	Pass
CP-OFDM 64 QAM	1727.5	Edge_1RB_Left	21.70	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	19.47	/	/	<=30	Pass
		Outer_Full	21.57	/	/	19.57	/	/	<=30	Pass
		Inner_Full	21.72	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	21.70	/	/	19.70	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.67	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	19.67	/	/	<=30	Pass
		Outer_Full	21.58	/	/	19.58	/	/	<=30	Pass
		Inner_Full	21.65	/	/	19.65	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	19.87	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	21.59	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	19.52	/	/	<=30	Pass
		Outer_Full	21.47	/	/	19.47	/	/	<=30	Pass
		Inner_Full	21.61	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	19.78	/	/	<=30	Pass
CP-OFDM 256 QAM	1727.5	Edge_1RB_Left	18.60	/	/	16.60	/	/	<=30	Pass

		Edge 1RB Right	18.52	/	/	16.52	/	/	<=30	Pass
		Outer Full	19.81	/	/	17.81	/	/	<=30	Pass
		Inner Full	19.78	/	/	17.78	/	/	<=30	Pass
		Inner 1RB Left	19.70	/	/	17.70	/	/	<=30	Pass
		Inner 1RB Right	19.66	/	/	17.66	/	/	<=30	Pass
	1745	Edge 1RB Left	18.59	/	/	16.59	/	/	<=30	Pass
		Edge 1RB Right	18.54	/	/	16.54	/	/	<=30	Pass
		Outer Full	19.77	/	/	17.77	/	/	<=30	Pass
		Inner Full	19.68	/	/	17.68	/	/	<=30	Pass
		Inner 1RB Left	19.51	/	/	17.51	/	/	<=30	Pass
	1762.5	Inner 1RB Right	19.56	/	/	17.56	/	/	<=30	Pass
		Edge 1RB Left	18.37	/	/	16.37	/	/	<=30	Pass
		Edge 1RB Right	18.30	/	/	16.30	/	/	<=30	Pass
		Outer Full	19.63	/	/	17.63	/	/	<=30	Pass
		Inner Full	19.72	/	/	17.72	/	/	<=30	Pass
		Inner 1RB Left	19.51	/	/	17.51	/	/	<=30	Pass
		Inner 1RB Right	19.35	/	/	17.35	/	/	<=30	Pass
Note1: Antenna Gain: Ant41: -2.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 15k_SISO_40MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1730	Edge 1RB Left	24.17	/	/	22.17	/	/	<=30	Pass
		Edge 1RB Right	23.97	/	/	21.97	/	/	<=30	Pass
		Outer Full	24.25	/	/	22.25	/	/	<=30	Pass
		Inner Full	24.64	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Left	24.64	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Right	24.52	/	/	22.52	/	/	<=30	Pass
	1745	Edge 1RB Left	24.01	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	24.08	/	/	22.08	/	/	<=30	Pass
		Outer Full	24.17	/	/	22.17	/	/	<=30	Pass
		Inner Full	24.72	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Left	24.52	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Right	24.63	/	/	22.63	/	/	<=30	Pass
	1760	Edge 1RB Left	24.09	/	/	22.09	/	/	<=30	Pass
		Edge 1RB Right	23.99	/	/	21.99	/	/	<=30	Pass
		Outer Full	24.28	/	/	22.28	/	/	<=30	Pass
		Inner Full	24.72	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Left	24.56	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Right	24.51	/	/	22.51	/	/	<=30	Pass
DFT-s-OFDM QPSK	1730	Edge 1RB Left	23.97	/	/	21.97	/	/	<=30	Pass
		Edge 1RB Right	23.84	/	/	21.84	/	/	<=30	Pass
		Outer Full	23.83	/	/	21.83	/	/	<=30	Pass
		Inner Full	24.72	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	22.81	/	/	<=30	Pass
		Inner 1RB Right	24.69	/	/	22.69	/	/	<=30	Pass
	1745	Edge 1RB Left	23.80	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	23.90	/	/	21.90	/	/	<=30	Pass
		Outer Full	23.87	/	/	21.87	/	/	<=30	Pass
		Inner Full	24.72	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Left	24.82	/	/	22.82	/	/	<=30	Pass
		Inner 1RB Right	24.73	/	/	22.73	/	/	<=30	Pass
	1760	Edge 1RB Left	23.82	/	/	21.82	/	/	<=30	Pass
		Edge 1RB Right	23.78	/	/	21.78	/	/	<=30	Pass
		Outer Full	23.92	/	/	21.92	/	/	<=30	Pass

		Inner_Full	24.72	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	22.80	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1730	Edge_1RB_Left	23.31	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	21.18	/	/	<=30	Pass
		Outer_Full	23.20	/	/	21.20	/	/	<=30	Pass
		Inner_Full	23.65	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Left	23.21	/	/	21.21	/	/	<=30	Pass
	1745	Edge_1RB_Right	23.31	/	/	21.31	/	/	<=30	Pass
		Outer_Full	23.24	/	/	21.24	/	/	<=30	Pass
		Inner_Full	23.66	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	21.89	/	/	<=30	Pass
	1760	Edge_1RB_Left	23.18	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	21.12	/	/	<=30	Pass
		Outer_Full	23.20	/	/	21.20	/	/	<=30	Pass
		Inner_Full	23.67	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	20.66	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1730	Edge_1RB_Right	22.56	/	/	20.56	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.53	/	/	<=30	Pass
		Inner_Full	22.57	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Left	22.67	/	/	20.67	/	/	<=30	Pass
	1745	Edge_1RB_Right	22.41	/	/	20.41	/	/	<=30	Pass
		Outer_Full	22.50	/	/	20.50	/	/	<=30	Pass
		Inner_Full	22.48	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	22.60	/	/	20.60	/	/	<=30	Pass
	1760	Edge_1RB_Left	22.51	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	20.22	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.53	/	/	<=30	Pass
		Inner_Full	22.60	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	20.39	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1730	Edge_1RB_Left	20.58	/	/	18.58	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	18.48	/	/	<=30	Pass
		Outer_Full	21.72	/	/	19.72	/	/	<=30	Pass
		Inner_Full	21.69	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	19.52	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.65	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	18.55	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.79	/	/	<=30	Pass
		Inner_Full	21.66	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	19.60	/	/	<=30	Pass
	1760	Inner_1RB_Right	21.54	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Left	20.44	/	/	18.44	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	18.37	/	/	<=30	Pass
		Outer_Full	21.74	/	/	19.74	/	/	<=30	Pass
		Inner_Full	21.76	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	19.47	/	/	<=30	Pass
CP-OFDM QPSK	1730	Inner_1RB_Right	21.38	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Left	22.29	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	20.19	/	/	<=30	Pass

		Outer_Full	22.28	/	/	20.28	/	/	<=30	Pass
		Inner_Full	23.24	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	21.40	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.21	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.24	/	/	20.24	/	/	<=30	Pass
		Inner_Full	23.43	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Left	22.14	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	19.97	/	/	<=30	Pass
	1760	Outer_Full	22.30	/	/	20.30	/	/	<=30	Pass
		Inner_Full	23.46	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	21.28	/	/	<=30	Pass
CP-OFDM 16 QAM	1730	Edge_1RB_Left	22.14	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	20.12	/	/	<=30	Pass
		Outer_Full	22.28	/	/	20.28	/	/	<=30	Pass
		Inner_Full	23.40	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	21.33	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.18	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	20.25	/	/	<=30	Pass
		Outer_Full	22.29	/	/	20.29	/	/	<=30	Pass
		Inner_Full	23.48	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	21.39	/	/	<=30	Pass
	1760	Edge_1RB_Left	22.14	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	20.05	/	/	<=30	Pass
		Outer_Full	22.16	/	/	20.16	/	/	<=30	Pass
		Inner_Full	23.75	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	21.31	/	/	<=30	Pass
CP-OFDM 64 QAM	1730	Edge_1RB_Left	21.48	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	19.42	/	/	<=30	Pass
		Outer_Full	21.58	/	/	19.58	/	/	<=30	Pass
		Inner_Full	21.69	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	21.67	/	/	19.67	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	19.58	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.52	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	19.52	/	/	<=30	Pass
		Outer_Full	21.56	/	/	19.56	/	/	<=30	Pass
		Inner_Full	21.68	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	19.71	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.47	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	19.42	/	/	<=30	Pass
		Outer_Full	21.53	/	/	19.53	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.78	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	19.67	/	/	<=30	Pass
CP-OFDM 256 QAM	1730	Edge_1RB_Left	18.62	/	/	16.62	/	/	<=30	Pass
		Edge_1RB_Right	18.55	/	/	16.55	/	/	<=30	Pass
		Outer_Full	19.75	/	/	17.75	/	/	<=30	Pass
		Inner_Full	19.66	/	/	17.66	/	/	<=30	Pass
		Inner_1RB_Left	19.59	/	/	17.59	/	/	<=30	Pass
		Inner_1RB_Right	19.54	/	/	17.54	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.61	/	/	16.61	/	/	<=30	Pass

		Edge_1RB_Right	18.55	/	/	16.55	/	/	<=30	Pass
		Outer_Full	19.74	/	/	17.74	/	/	<=30	Pass
		Inner_Full	19.73	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	17.64	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	17.57	/	/	<=30	Pass
	1760	Edge_1RB_Left	18.45	/	/	16.45	/	/	<=30	Pass
		Edge_1RB_Right	18.54	/	/	16.54	/	/	<=30	Pass
		Outer_Full	19.75	/	/	17.75	/	/	<=30	Pass
		Inner_Full	19.71	/	/	17.71	/	/	<=30	Pass
		Inner_1RB_Left	19.45	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	17.55	/	/	<=30	Pass
	Note1: Antenna Gain: Ant41: -2.00dBi; Note2: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n66 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	20	LV	-1.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	4.40	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	3.10	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-9.60	-0.0055	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass

				HV	-5.40	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	0.40	0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.20	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.30	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.80	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.40	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.60	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-9.40	-0.0054	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	50	NV	-5.50	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-3.90	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-0.80	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.90	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.70	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.40	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.90	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.30	-0.0042	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.40	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	1745	Outer_Full	30	NV	-4.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.00	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-9.00	-0.0052	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-2.30	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.60	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.60	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.00	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.70	-0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.10	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	1745	Outer_Full	10	NV	-4.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.40	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.30	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-10.10	-0.0058	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.30	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.90	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.80	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	1745	Outer_Full	-10	NV	-5.40	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-0.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.80	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.10	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.40	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.00	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-4.80	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.00	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	1745	Outer_Full	-30	NV	-2.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.60	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.40	-0.0042	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.80	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.90	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.60	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.70	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.80	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.30	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-1.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.60	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.00	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.60	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.60	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			0	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n66 SCS=15kHz SISO 10MHz								
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	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-10.50	-0.0060	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	2.50	0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-1.50	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass

				HV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.80	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.30	-0.0036	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-4.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.90	-0.0051	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-7.60	-0.0044	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.40	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.50	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-7.50	-0.0043	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.20	0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.20	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.60	0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass

2.1.3 15k_SISO_15MHz

5G NR n66 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	20	LV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-8.60	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	0.40	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-8.80	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-1.50	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass

				HV	2.10	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-9.80	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-9.00	-0.0052	>=-2.5 & <=2.5	Pass
			20	NV	3.60	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1745	Outer_Full	50	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			20	LV	-2.40	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-1.00	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1745	Outer_Full	30	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			20	LV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-1.00	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	10	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			20	LV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-10.20	-0.0058	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_20MHz

5G NR n66 SCS=15kHz SISO 20MHz								
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	-7.50	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-9.70	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-8.70	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass

			30	NV	-2.90	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.30	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-6.20	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.10	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.90	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.00	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.50	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.60	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.40	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.70	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.00	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.80	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-4.80	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.30	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	0.50	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.00	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.00	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.80	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.10	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.20	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.20	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-4.80	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.50	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.60	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.50	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.10	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.60	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.80	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.40	-0.0054	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-6.20	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.40	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	1.50	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-8.00	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.40	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.20	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.10	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.80	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.90	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.30	-0.0042	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.80	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.60	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	1.40	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-5.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.70	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.20	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.40	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-8.60	-0.0049	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.90	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.40	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.30	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.50	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-5.90	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass

				HV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-9.20	-0.0053	>=-2.5 & <=2.5	Pass
			30	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-8.30	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0048	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-1.00	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-0.50	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass

2.1.5 15k_SISO_25MHz

5G NR n66 SCS=15kHz SISO 25MHz								
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	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0049	>=-2.5 & <=2.5	Pass

			30	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-9.30	-0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-9.00	-0.0052	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-1.70	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0041	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	50	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			20	LV	-1.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-1.40	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-1.40	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-1.00	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1745	Outer_Full	40	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-8.50	-0.0049	>=-2.5 & <=2.5	Pass
			20	LV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-8.10	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1745	Outer_Full	30	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-1.20	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
			20	LV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	0.50	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	-9.00	-0.0052	>=-2.5 & <=2.5	Pass
			20	LV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass

				HV	-8.30	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	50	NV	-7.10	-0.0041	>=-2.5 & <=2.5	Pass
			20	LV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-7.80	-0.0045	>=-2.5 & <=2.5	Pass

2.1.6 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	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-1.40	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-8.70	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-8.70	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass

			30	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	1.10	0.0006	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-8.20	-0.0047	>=-2.5 & <=2.5	Pass
			0	NV	0.80	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	2.10	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-1.00	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	4.90	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	1.20	0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-0.80	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-8.70	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-7.00	-0.0040	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-7.40	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	2.20	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-9.20	-0.0053	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-9.50	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-7.10	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass

				HV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass

2.1.7 15k_SISO_35MHz

5G NR n66 SCS=15kHz SISO 35MHz								
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	-8.50	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-7.10	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass

			30	NV	-7.00	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-1.20	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-7.60	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-0.80	-0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
			-20	NV	-0.80	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-6.90	-0.0040	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
				HV	0.70	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-1.00	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	1.70	0.0010	>=-2.5 & <=2.5	Pass

2.1.8 15k_SISO_40MHz

5G NR n66 SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	20	LV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-7.20	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	1.30	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-7.30	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-8.30	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-9.30	-0.0053	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
			20	NV	-1.00	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-10.40	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-1.10	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-2.40	-0.0014	>=-2.5 & <=2.5	Pass

			50	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-1.70	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-7.10	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-9.40	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-9.40	-0.0054	>=-2.5 & <=2.5	Pass
			30	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-6.20	-0.0036	>=-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	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-7.50	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-0.70	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-7.90	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-8.70	-0.0050	>=-2.5 & <=2.5	Pass
			-10	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-7.50	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-8.90	-0.0051	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0037	>=-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 NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1712.5	Outer_Full	4.56	5.34	/	Pass
	1745	Outer_Full	4.56	5.38	/	Pass

	1777.5	Outer_Full	4.57	5.38	/	Pass
DFT-s-OFDM QPSK	1712.5	Outer_Full	4.57	5.31	/	Pass
	1745	Outer_Full	4.58	5.28	/	Pass
	1777.5	Outer_Full	4.56	5.28	/	Pass
	1712.5	Outer_Full	4.57	5.35	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	4.58	5.32	/	Pass
	1777.5	Outer_Full	4.58	5.36	/	Pass
	1712.5	Outer_Full	4.55	5.32	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	4.55	5.34	/	Pass
	1777.5	Outer_Full	4.55	5.26	/	Pass
	1712.5	Outer_Full	4.61	5.37	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	4.61	5.47	/	Pass
	1777.5	Outer_Full	4.58	5.43	/	Pass
	1712.5	Outer_Full	4.57	5.42	/	Pass
CP-OFDM QPSK	1745	Outer_Full	4.57	5.41	/	Pass
	1777.5	Outer_Full	4.56	5.39	/	Pass
	1712.5	Outer_Full	4.59	5.55	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	4.60	5.55	/	Pass
	1777.5	Outer_Full	4.59	5.54	/	Pass
	1712.5	Outer_Full	4.52	5.35	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	4.53	5.28	/	Pass
	1777.5	Outer_Full	4.53	5.24	/	Pass
	1712.5	Outer_Full	4.55	5.34	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	4.55	5.31	/	Pass
	1777.5	Outer_Full	4.56	5.34	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n66 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1715	Outer_Full	9.04	10.03	/	Pass
	1745	Outer_Full	9.05	9.95	/	Pass
	1775	Outer_Full	9.04	9.95	/	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	9.10	10.11	/	Pass
	1745	Outer_Full	9.08	10.12	/	Pass
	1775	Outer_Full	9.09	10.07	/	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	9.09	10.01	/	Pass
	1745	Outer_Full	9.08	10.08	/	Pass
	1775	Outer_Full	9.07	9.93	/	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	9.10	10.03	/	Pass
	1745	Outer_Full	9.09	10.00	/	Pass
	1775	Outer_Full	9.07	10.03	/	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	9.08	10.09	/	Pass
	1745	Outer_Full	9.08	10.00	/	Pass
	1775	Outer_Full	9.04	10.01	/	Pass
CP-OFDM QPSK	1715	Outer_Full	9.43	10.45	/	Pass
	1745	Outer_Full	9.41	10.40	/	Pass
	1775	Outer_Full	9.41	10.37	/	Pass
CP-OFDM 16 QAM	1715	Outer_Full	9.43	10.45	/	Pass
	1745	Outer_Full	9.44	10.34	/	Pass
	1775	Outer_Full	9.42	10.41	/	Pass
CP-OFDM 64 QAM	1715	Outer_Full	9.39	10.33	/	Pass
	1745	Outer_Full	9.40	10.36	/	Pass
	1775	Outer_Full	9.38	10.43	/	Pass
CP-OFDM 256 QAM	1715	Outer_Full	9.41	10.47	/	Pass
	1745	Outer_Full	9.40	10.41	/	Pass
	1775	Outer_Full	9.40	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	13.62	14.82	/	Pass
	1745	Outer_Full	13.60	14.88	/	Pass
	1772.5	Outer_Full	13.58	14.80	/	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	13.68	14.89	/	Pass
	1745	Outer_Full	13.69	14.99	/	Pass
	1772.5	Outer_Full	13.62	14.88	/	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	13.66	14.89	/	Pass
	1745	Outer_Full	13.65	14.88	/	Pass
	1772.5	Outer_Full	13.63	14.79	/	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	13.60	14.74	/	Pass
	1745	Outer_Full	13.60	14.86	/	Pass
	1772.5	Outer_Full	13.57	14.89	/	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	13.64	14.80	/	Pass
	1745	Outer_Full	13.64	14.84	/	Pass
	1772.5	Outer_Full	13.62	14.68	/	Pass
CP-OFDM QPSK	1717.5	Outer_Full	14.31	15.59	/	Pass
	1745	Outer_Full	14.29	15.56	/	Pass
	1772.5	Outer_Full	14.30	15.46	/	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	14.28	15.57	/	Pass
	1745	Outer_Full	14.30	15.49	/	Pass
	1772.5	Outer_Full	14.28	15.60	/	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	14.29	15.83	/	Pass
	1745	Outer_Full	14.30	15.56	/	Pass
	1772.5	Outer_Full	14.27	15.71	/	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	14.28	15.56	/	Pass
	1745	Outer_Full	14.29	15.53	/	Pass
	1772.5	Outer_Full	14.30	15.56	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	18.14	19.50	/	Pass
	1745	Outer_Full	18.12	19.51	/	Pass
	1770	Outer_Full	18.11	19.47	/	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	18.11	19.48	/	Pass
	1745	Outer_Full	18.07	19.64	/	Pass
	1770	Outer_Full	18.04	19.60	/	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	18.13	19.70	/	Pass
	1745	Outer_Full	18.12	19.55	/	Pass
	1770	Outer_Full	18.09	19.54	/	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	18.17	19.61	/	Pass
	1745	Outer_Full	18.12	19.64	/	Pass
	1770	Outer_Full	18.15	19.61	/	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	18.09	19.52	/	Pass
	1745	Outer_Full	18.09	19.59	/	Pass
	1770	Outer_Full	18.05	19.58	/	Pass
CP-OFDM QPSK	1720	Outer_Full	19.13	21.01	/	Pass
	1745	Outer_Full	19.14	20.88	/	Pass

	1770	Outer_Full	19.08	21.92	/	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.19	20.59	/	Pass
	1745	Outer_Full	19.23	20.63	/	Pass
	1770	Outer_Full	19.21	21.23	/	Pass
CP-OFDM 64 QAM	1720	Outer_Full	19.15	20.57	/	Pass
	1745	Outer_Full	19.18	20.63	/	Pass
	1770	Outer_Full	19.14	20.56	/	Pass
CP-OFDM 256 QAM	1720	Outer_Full	19.16	20.70	/	Pass
	1745	Outer_Full	19.20	20.68	/	Pass
	1770	Outer_Full	19.14	20.63	/	Pass

3.1.5 15k_SISO_25MHz_NTNV

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	23.12	24.77	/	Pass
	1745	Outer_Full	23.17	24.83	/	Pass
	1767.5	Outer_Full	23.12	24.76	/	Pass
DFT-s-OFDM QPSK	1722.5	Outer_Full	23.12	24.80	/	Pass
	1745	Outer_Full	23.12	24.88	/	Pass
	1767.5	Outer_Full	23.07	24.79	/	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	23.19	24.77	/	Pass
	1745	Outer_Full	23.22	24.79	/	Pass
	1767.5	Outer_Full	23.17	24.79	/	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer_Full	23.09	24.88	/	Pass
	1745	Outer_Full	23.09	24.83	/	Pass
	1767.5	Outer_Full	23.04	24.89	/	Pass
DFT-s-OFDM 256 QAM	1722.5	Outer_Full	23.15	24.75	/	Pass
	1745	Outer_Full	23.11	24.68	/	Pass
	1767.5	Outer_Full	23.04	24.66	/	Pass
CP-OFDM QPSK	1722.5	Outer_Full	23.96	25.73	/	Pass
	1745	Outer_Full	23.98	25.83	/	Pass
	1767.5	Outer_Full	23.90	25.69	/	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	23.95	25.70	/	Pass
	1745	Outer_Full	23.98	25.68	/	Pass
	1767.5	Outer_Full	23.91	25.63	/	Pass
CP-OFDM 64 QAM	1722.5	Outer_Full	24.02	25.89	/	Pass
	1745	Outer_Full	24.01	25.93	/	Pass
	1767.5	Outer_Full	24.01	26.51	/	Pass
CP-OFDM 256 QAM	1722.5	Outer_Full	24.00	25.62	/	Pass
	1745	Outer_Full	24.05	25.68	/	Pass
	1767.5	Outer_Full	23.96	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	28.89	30.79	/	Pass
	1745	Outer_Full	28.94	30.80	/	Pass
	1765	Outer_Full	28.88	30.74	/	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	28.76	30.84	/	Pass
	1745	Outer_Full	28.86	30.86	/	Pass
	1765	Outer_Full	28.68	30.85	/	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	29.02	30.95	/	Pass

DFT-s-OFDM 64 QAM	1745	Outer_Full	29.02	30.94	/	Pass
	1765	Outer_Full	28.97	30.90	/	Pass
	1725	Outer_Full	28.83	30.75	/	Pass
	1745	Outer_Full	28.91	30.85	/	Pass
	1765	Outer_Full	28.84	30.77	/	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	28.84	30.82	/	Pass
	1745	Outer_Full	28.95	30.87	/	Pass
	1765	Outer_Full	28.87	30.77	/	Pass
CP-OFDM QPSK	1725	Outer_Full	28.85	31.80	/	Pass
	1745	Outer_Full	28.93	32.46	/	Pass
	1765	Outer_Full	28.83	32.37	/	Pass
CP-OFDM 16 QAM	1725	Outer_Full	28.83	32.99	/	Pass
	1745	Outer_Full	28.87	33.54	/	Pass
	1765	Outer_Full	28.79	32.65	/	Pass
CP-OFDM 64 QAM	1725	Outer_Full	28.83	32.38	/	Pass
	1745	Outer_Full	28.93	32.08	/	Pass
	1765	Outer_Full	28.81	33.25	/	Pass
CP-OFDM 256 QAM	1725	Outer_Full	28.75	30.77	/	Pass
	1745	Outer_Full	28.83	30.89	/	Pass
	1765	Outer_Full	28.73	30.78	/	Pass

3.1.7 15k_SISO_35MHz_NTNV

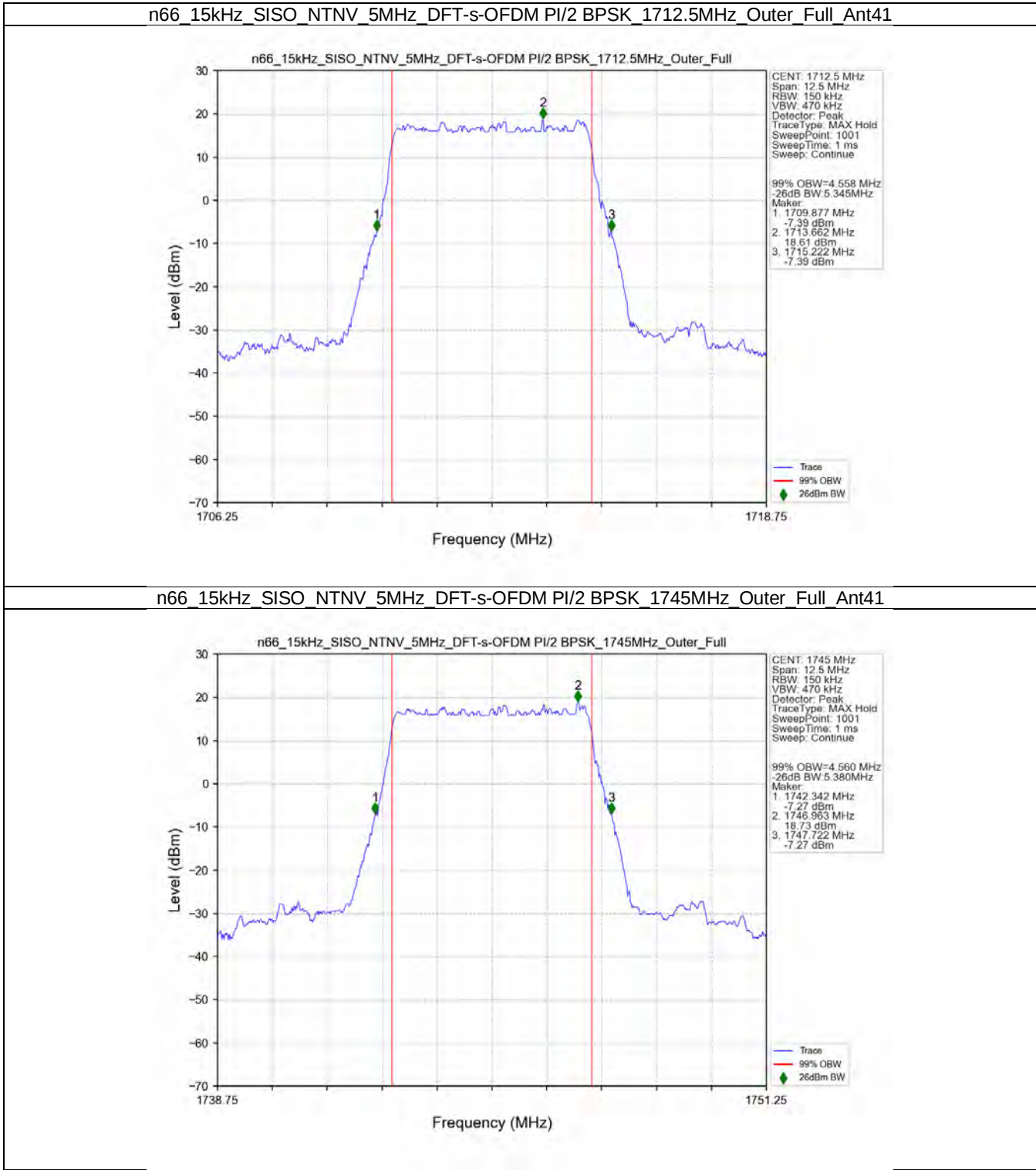
5G NR n66 SCS=15kHz SISO 35MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1727.5	Outer_Full	32.50	34.89	/	Pass
	1745	Outer_Full	32.62	34.93	/	Pass
	1762.5	Outer_Full	32.51	34.85	/	Pass
DFT-s-OFDM QPSK	1727.5	Outer_Full	32.49	34.84	/	Pass
	1745	Outer_Full	32.59	34.88	/	Pass
	1762.5	Outer_Full	32.51	34.87	/	Pass
DFT-s-OFDM 16 QAM	1727.5	Outer_Full	32.59	34.92	/	Pass
	1745	Outer_Full	32.66	34.93	/	Pass
	1762.5	Outer_Full	32.57	34.87	/	Pass
DFT-s-OFDM 64 QAM	1727.5	Outer_Full	32.43	34.74	/	Pass
	1745	Outer_Full	32.52	34.77	/	Pass
	1762.5	Outer_Full	32.39	34.73	/	Pass
DFT-s-OFDM 256 QAM	1727.5	Outer_Full	32.44	34.87	/	Pass
	1745	Outer_Full	32.49	34.86	/	Pass
	1762.5	Outer_Full	32.40	34.84	/	Pass
CP-OFDM QPSK	1727.5	Outer_Full	33.80	36.33	/	Pass
	1745	Outer_Full	33.98	36.32	/	Pass
	1762.5	Outer_Full	33.83	36.32	/	Pass
CP-OFDM 16 QAM	1727.5	Outer_Full	33.92	36.30	/	Pass
	1745	Outer_Full	33.99	36.39	/	Pass
	1762.5	Outer_Full	33.90	36.25	/	Pass
CP-OFDM 64 QAM	1727.5	Outer_Full	33.90	36.27	/	Pass
	1745	Outer_Full	33.95	36.37	/	Pass
	1762.5	Outer_Full	33.87	36.33	/	Pass
CP-OFDM 256 QAM	1727.5	Outer_Full	33.91	36.25	/	Pass
	1745	Outer_Full	33.94	36.28	/	Pass
	1762.5	Outer_Full	33.85	36.21	/	Pass

3.1.8 15k_SISO_40MHz_NTNV

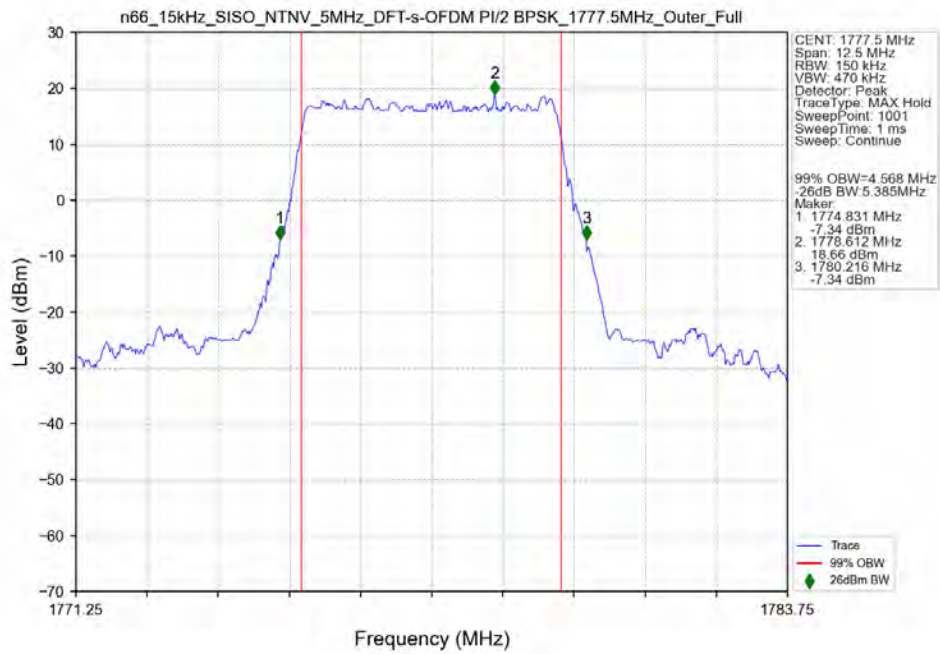
5G NR n66 SCS=15kHz SISO 40MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1730	Outer_Full	38.88	41.45	/	Pass
	1745	Outer_Full	38.96	41.57	/	Pass
	1760	Outer_Full	38.86	41.47	/	Pass
DFT-s-OFDM QPSK	1730	Outer_Full	38.88	41.55	/	Pass
	1745	Outer_Full	38.92	41.54	/	Pass
	1760	Outer_Full	38.88	41.58	/	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	39.01	41.60	/	Pass
	1745	Outer_Full	39.06	41.59	/	Pass
	1760	Outer_Full	38.99	41.63	/	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	38.84	41.56	/	Pass
	1745	Outer_Full	38.94	41.65	/	Pass
	1760	Outer_Full	38.87	41.62	/	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	39.00	41.57	/	Pass
	1745	Outer_Full	38.99	41.62	/	Pass
	1760	Outer_Full	38.97	41.55	/	Pass
CP-OFDM QPSK	1730	Outer_Full	38.85	41.52	/	Pass
	1745	Outer_Full	38.95	41.55	/	Pass
	1760	Outer_Full	38.84	41.50	/	Pass
CP-OFDM 16 QAM	1730	Outer_Full	38.94	41.57	/	Pass
	1745	Outer_Full	39.02	41.72	/	Pass
	1760	Outer_Full	38.90	41.49	/	Pass
CP-OFDM 64 QAM	1730	Outer_Full	38.97	41.45	/	Pass
	1745	Outer_Full	39.05	41.60	/	Pass
	1760	Outer_Full	39.00	41.47	/	Pass
CP-OFDM 256 QAM	1730	Outer_Full	38.93	41.71	/	Pass
	1745	Outer_Full	39.07	41.72	/	Pass
	1760	Outer_Full	38.88	41.47	/	Pass

3.2 Test Graph

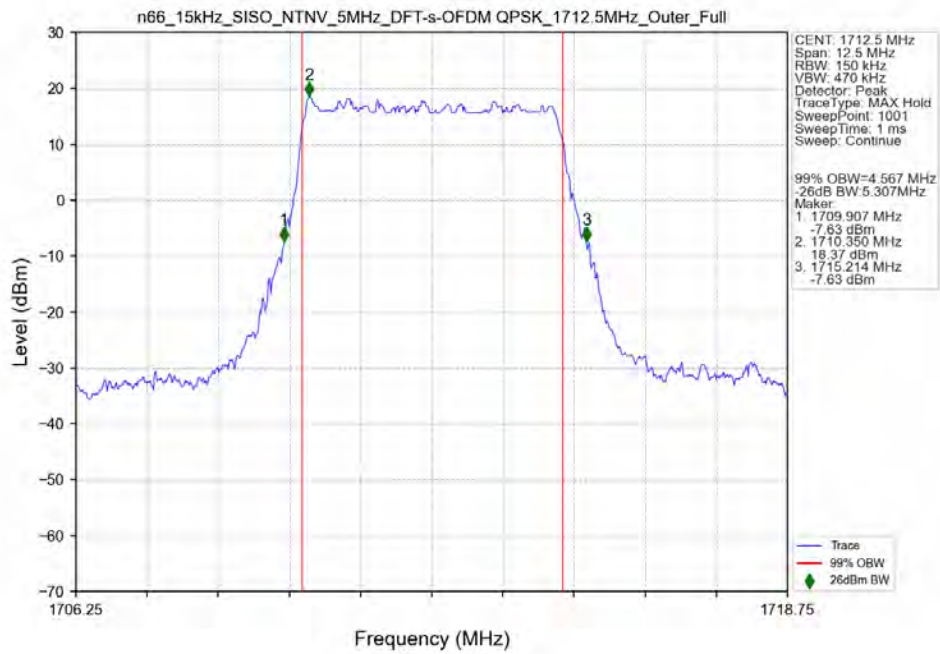
3.2.1 15k_SISO_5MHz_NTNV



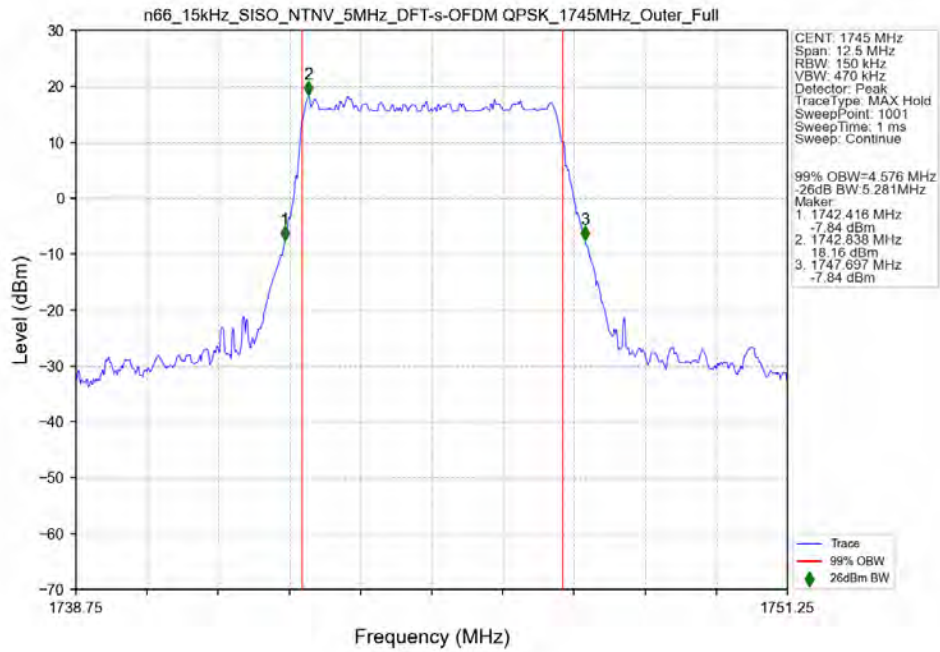
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1777.5MHz_Outer_Full_Ant41



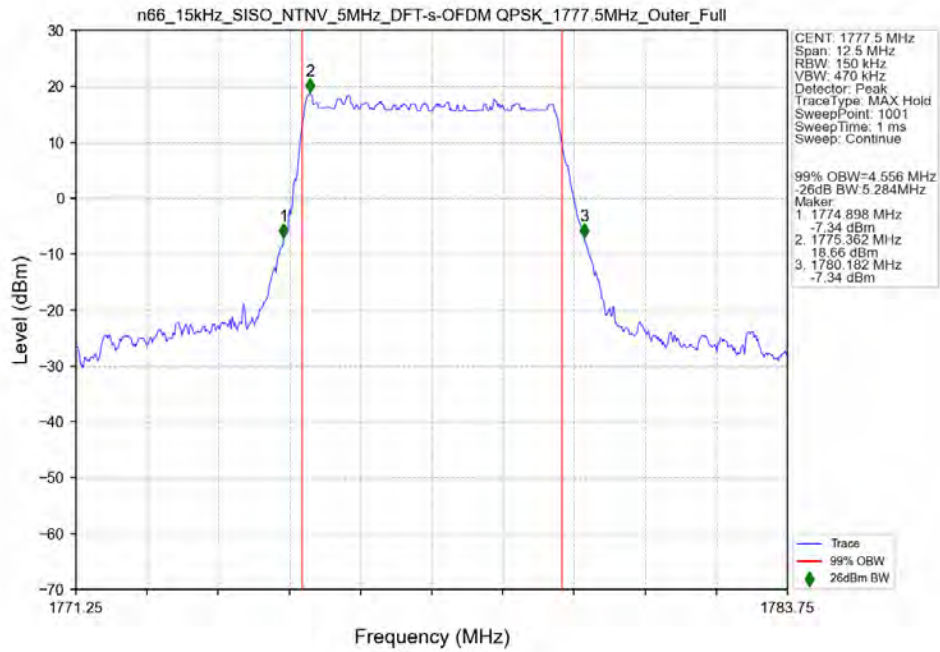
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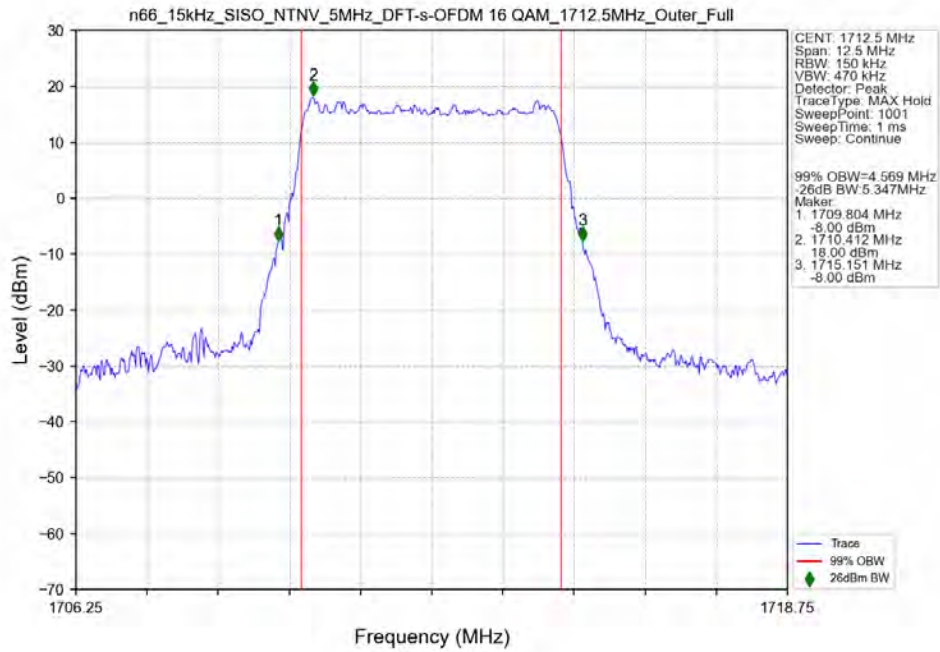
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1745MHz_Outer_Full_Ant41



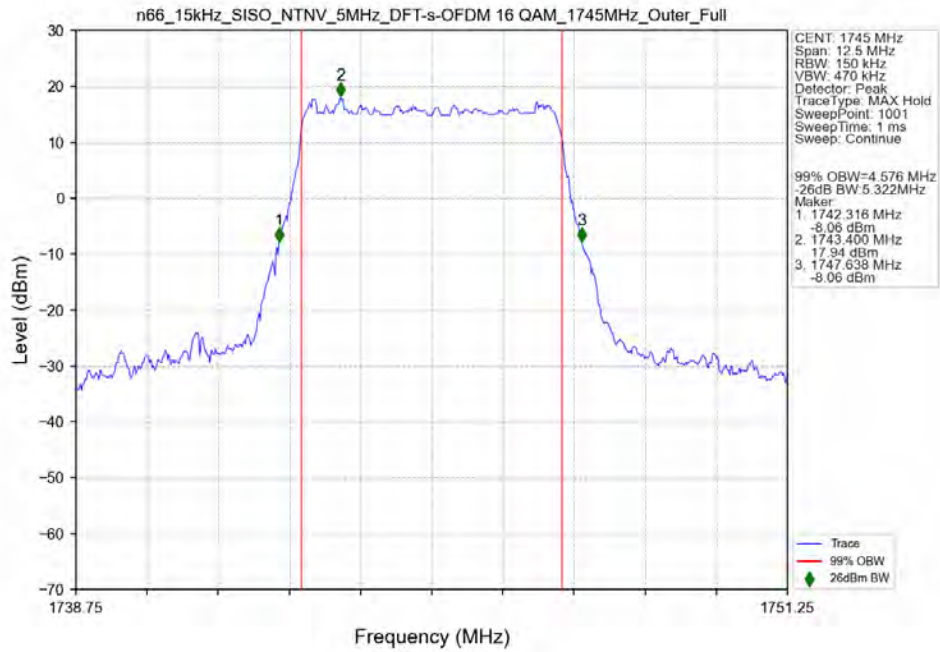
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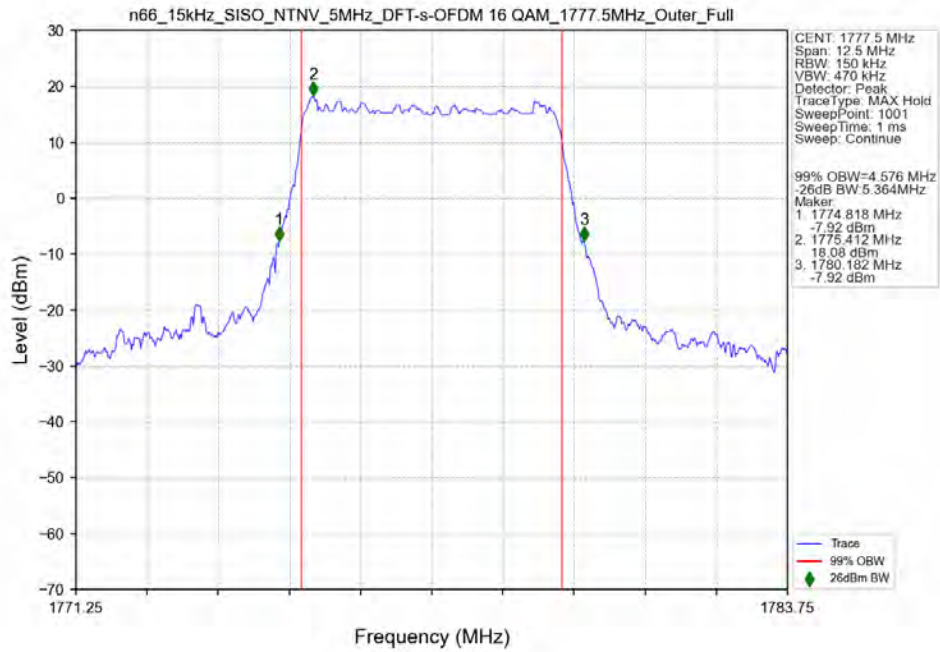
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1712.5MHz_Outer_Full_Ant41



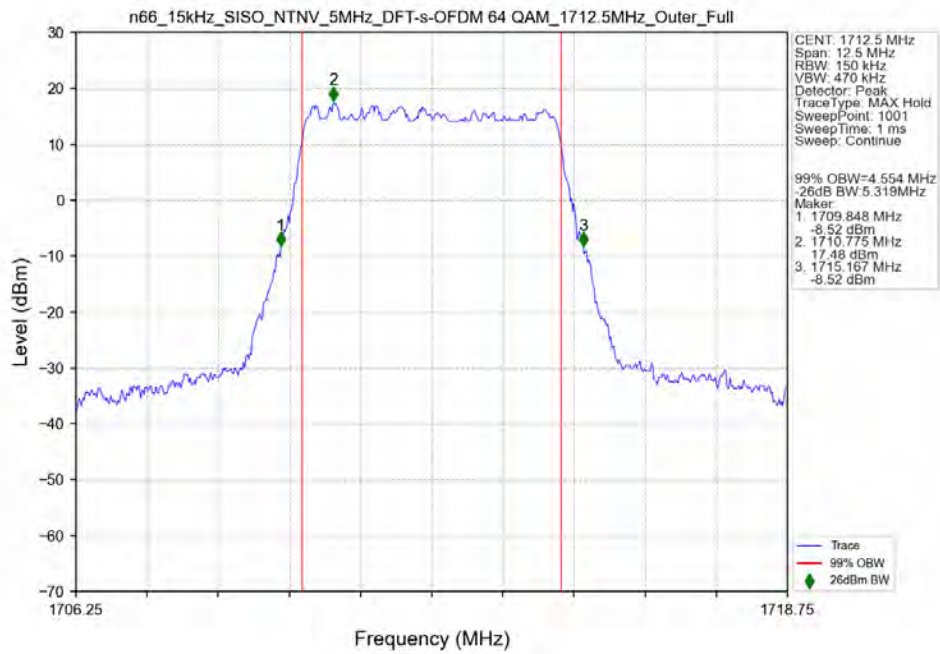
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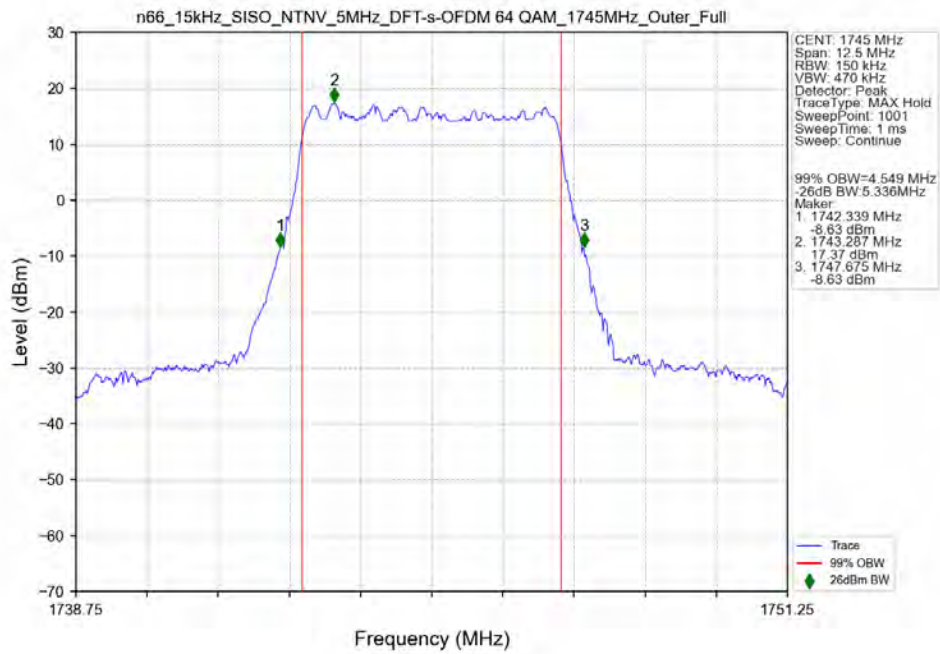
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1777.5MHz Outer Full Ant41



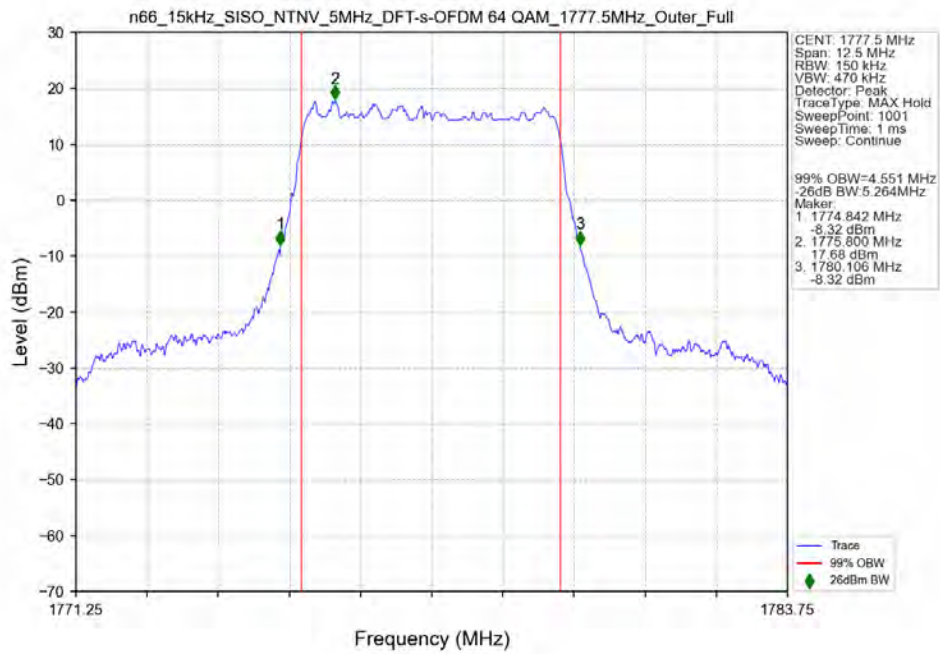
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1712.5MHz Outer Full Ant41



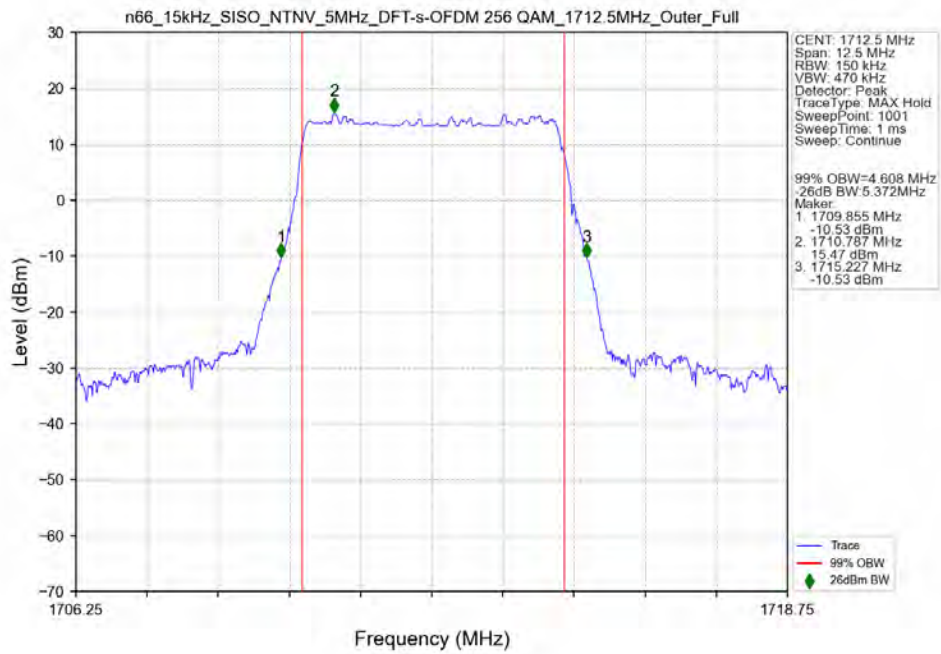
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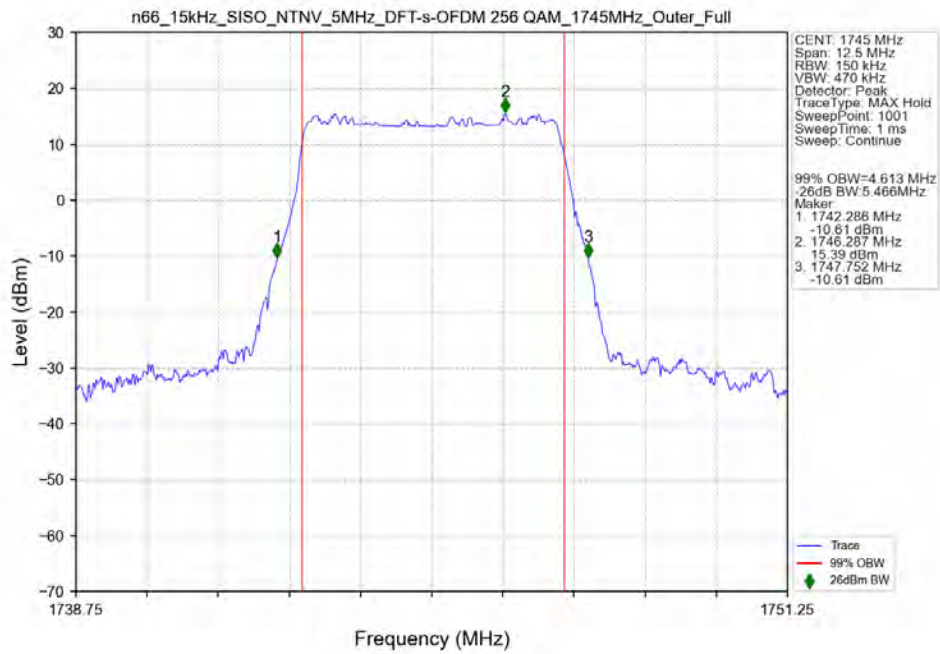
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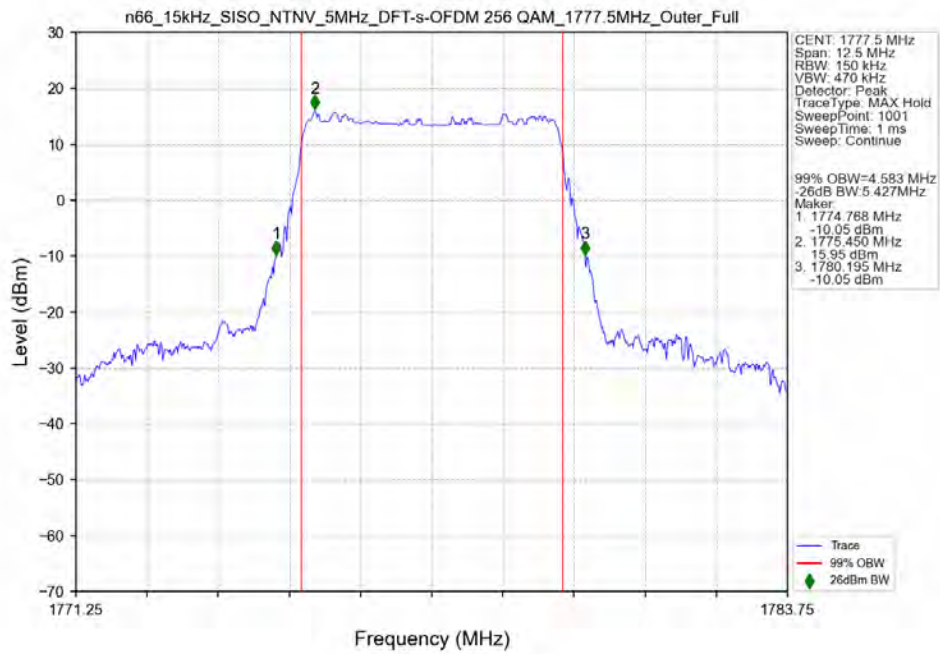
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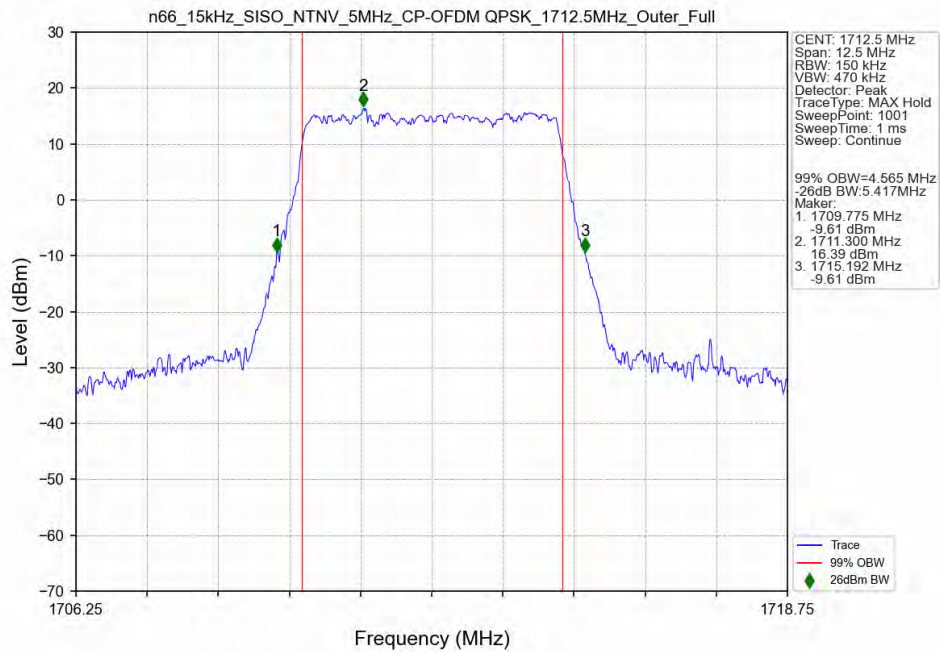
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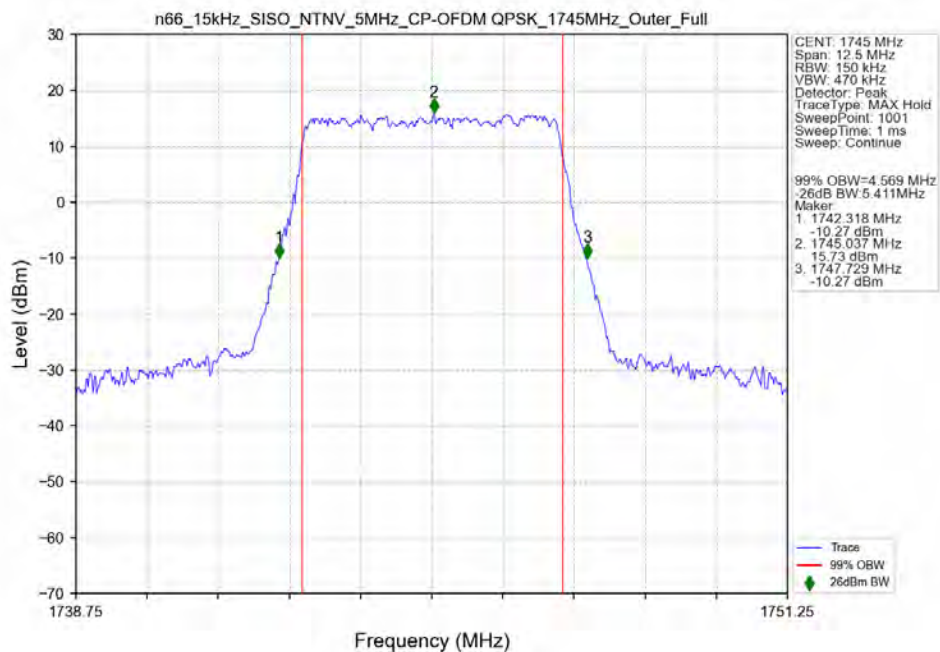
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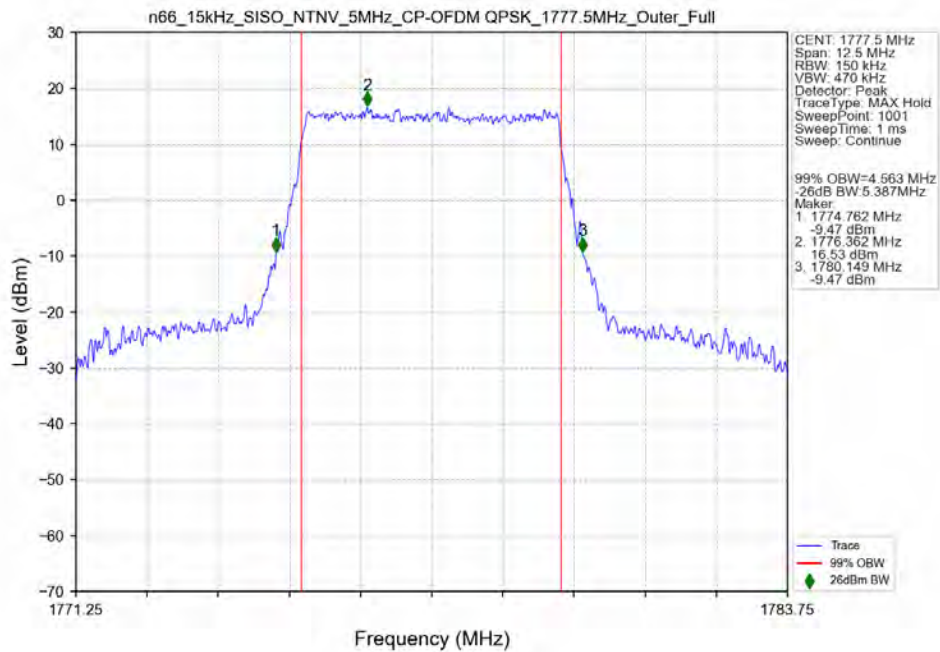
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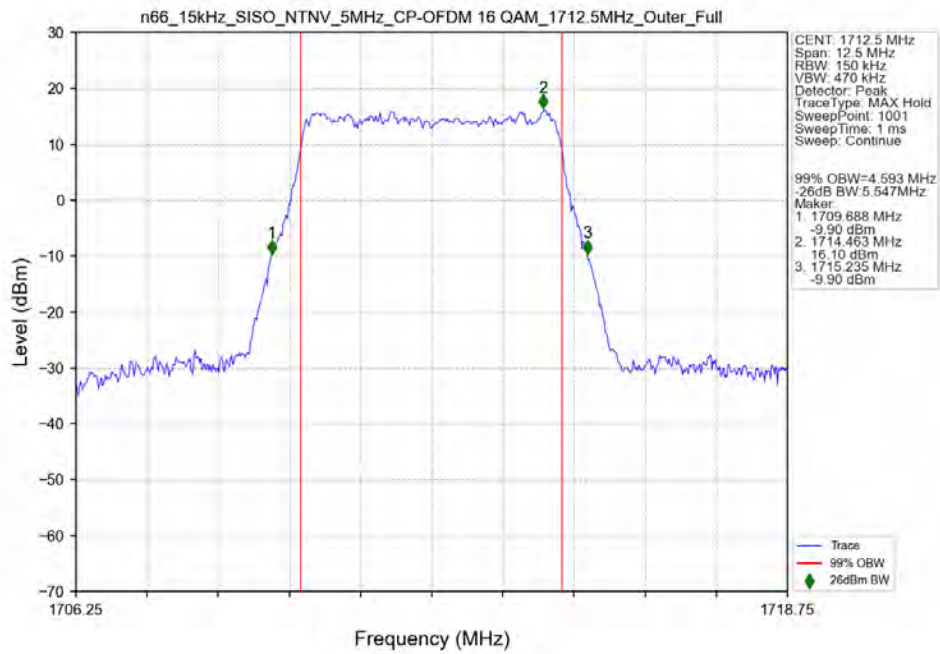
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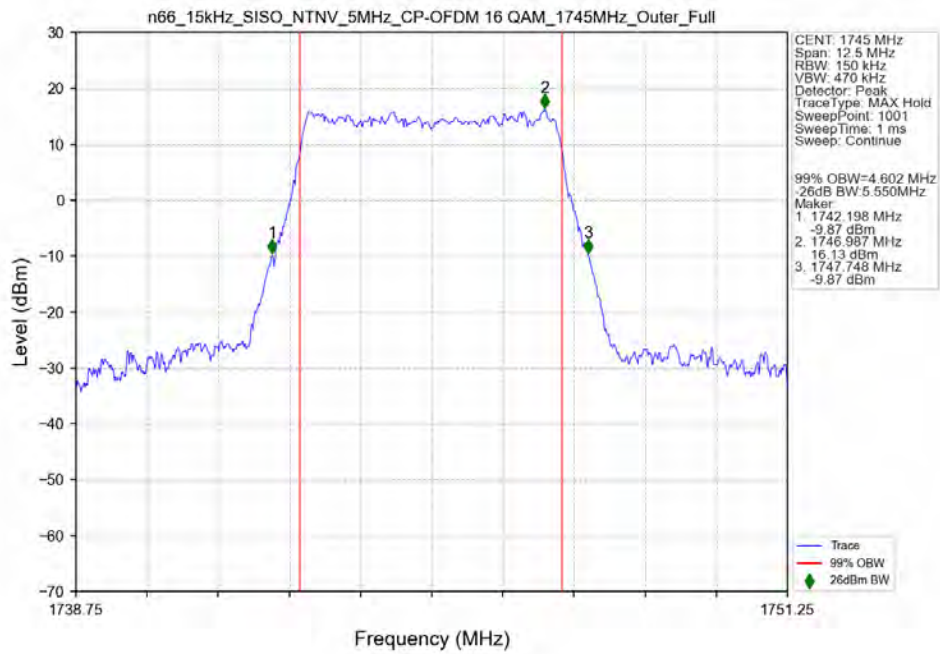
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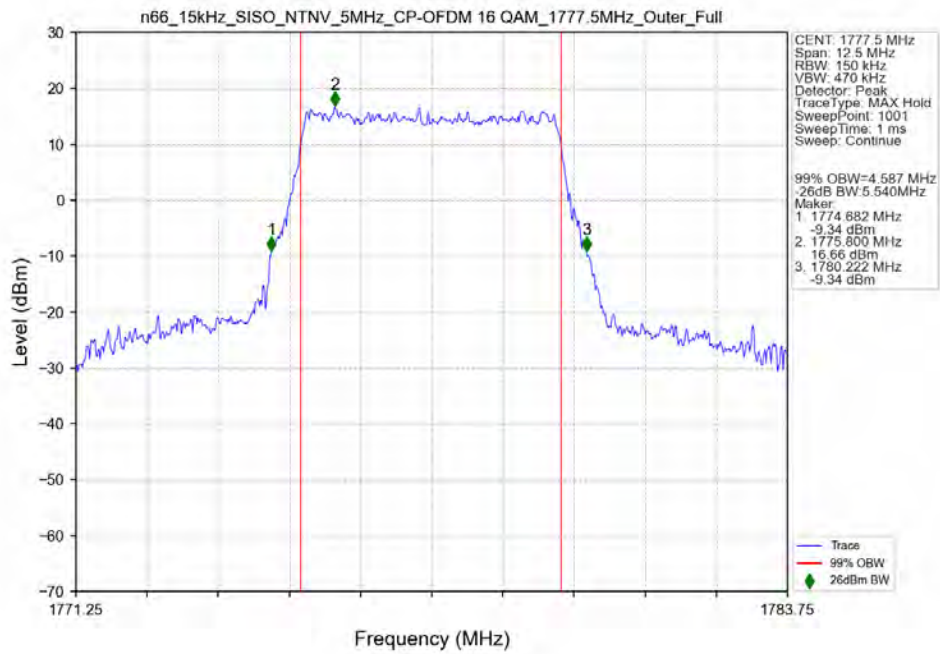
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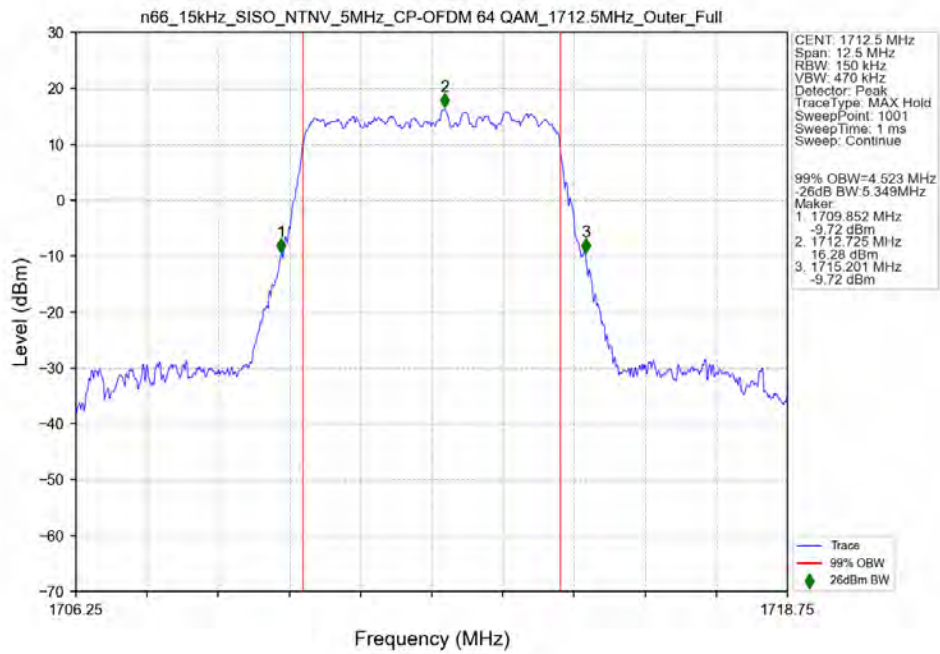
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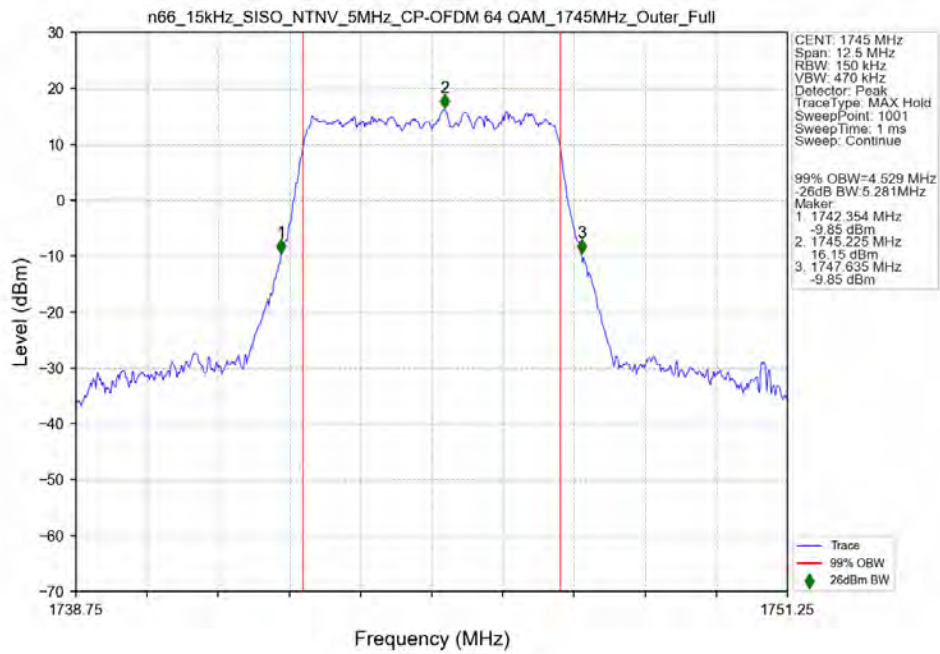
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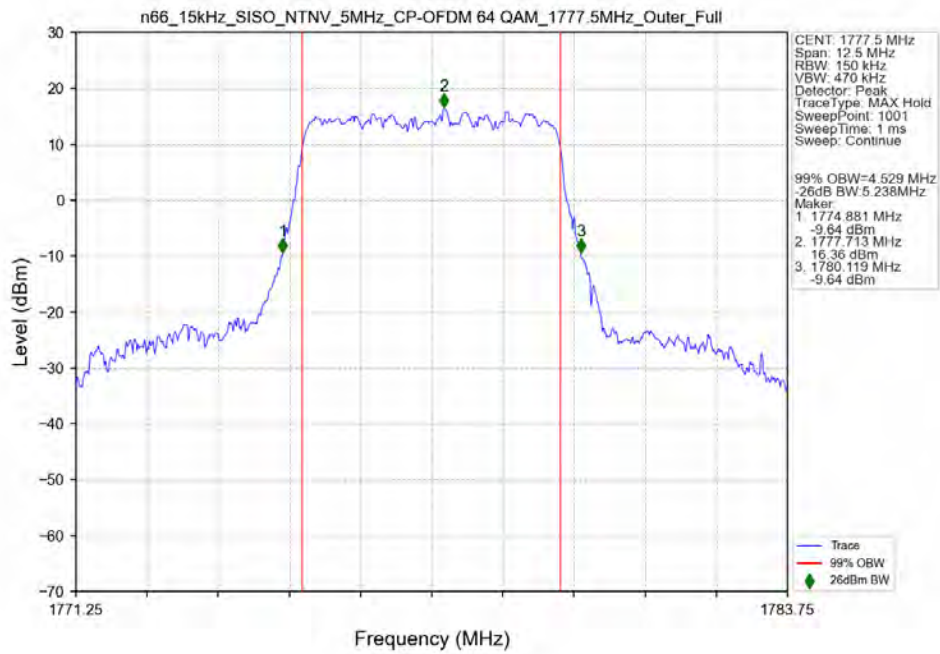
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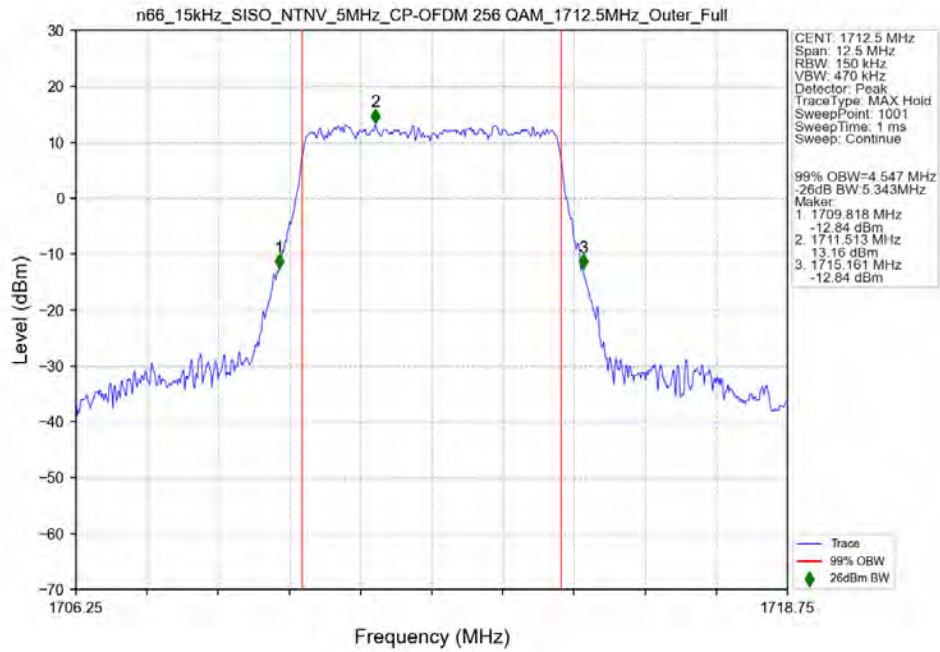
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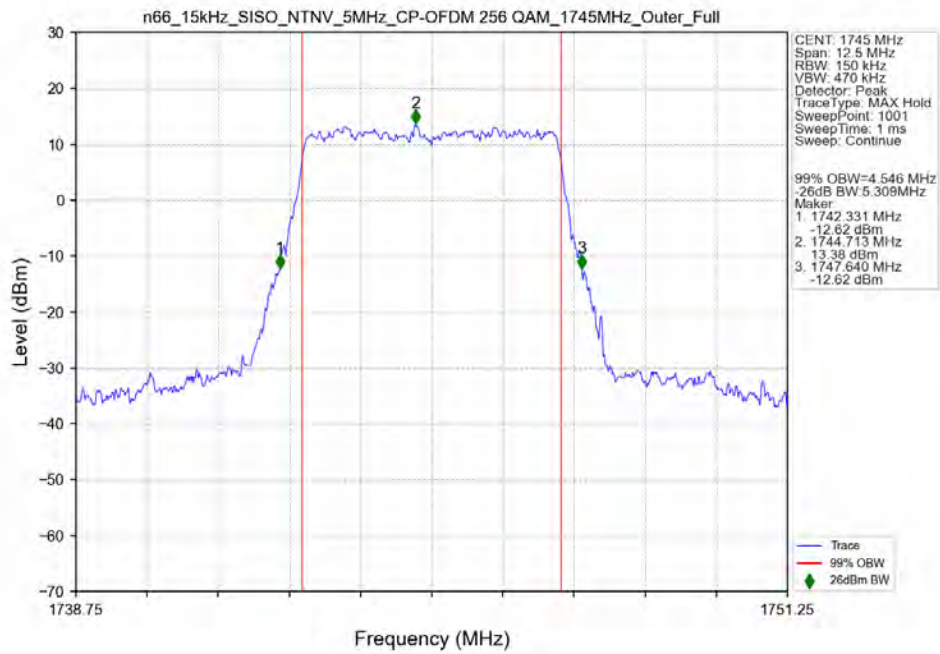
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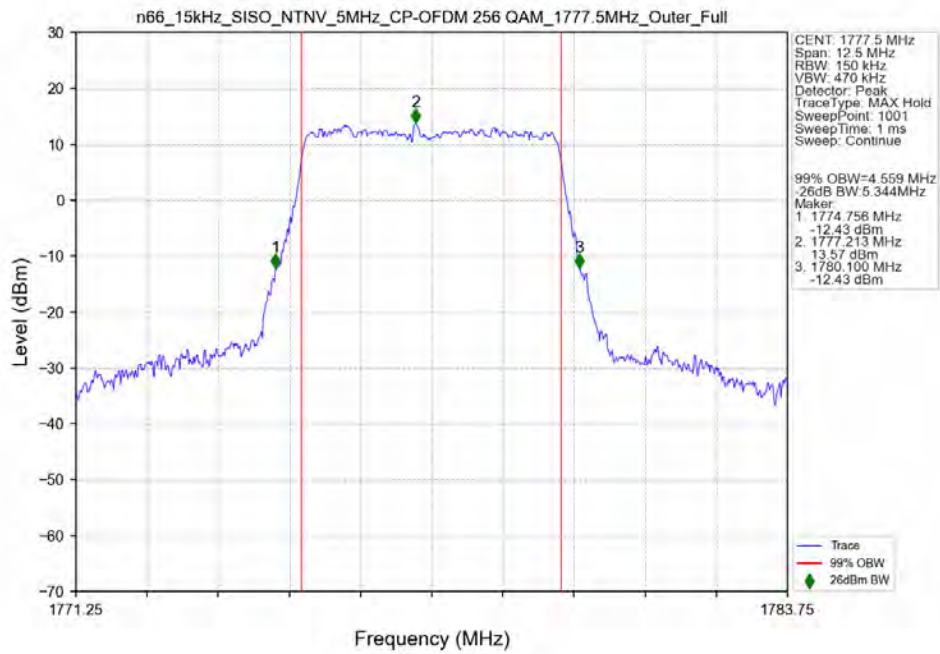
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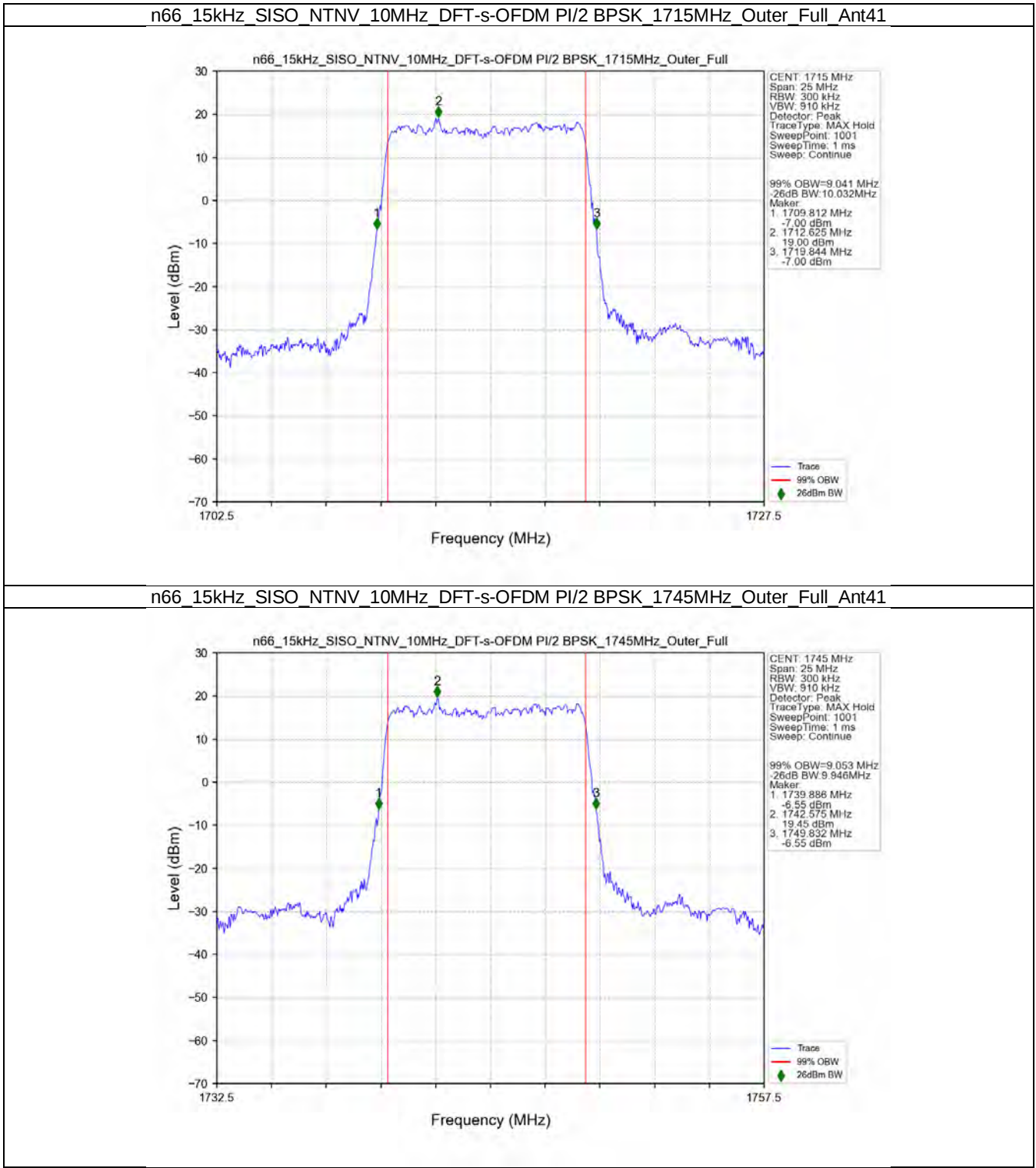
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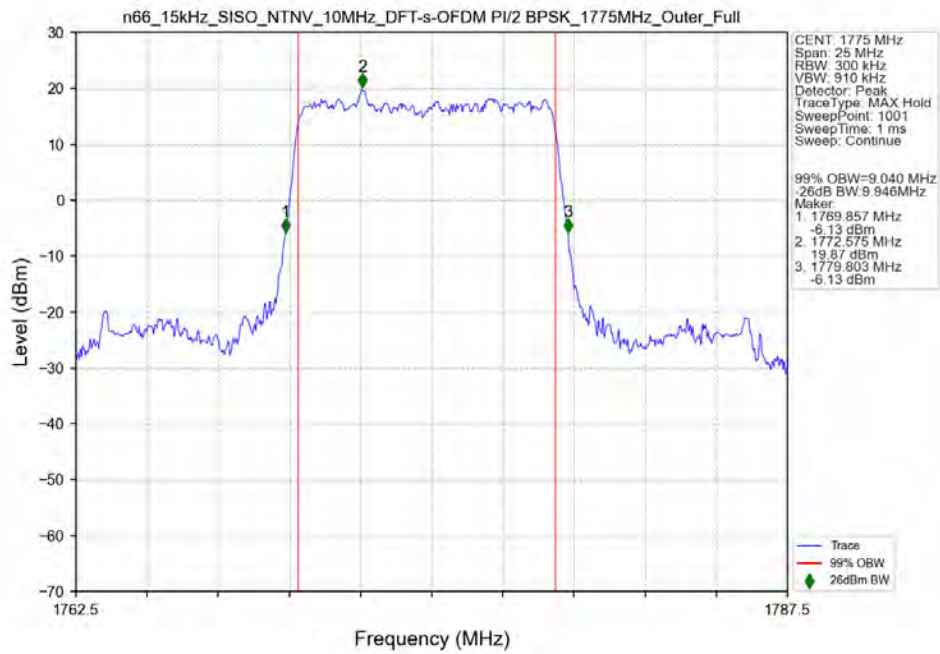
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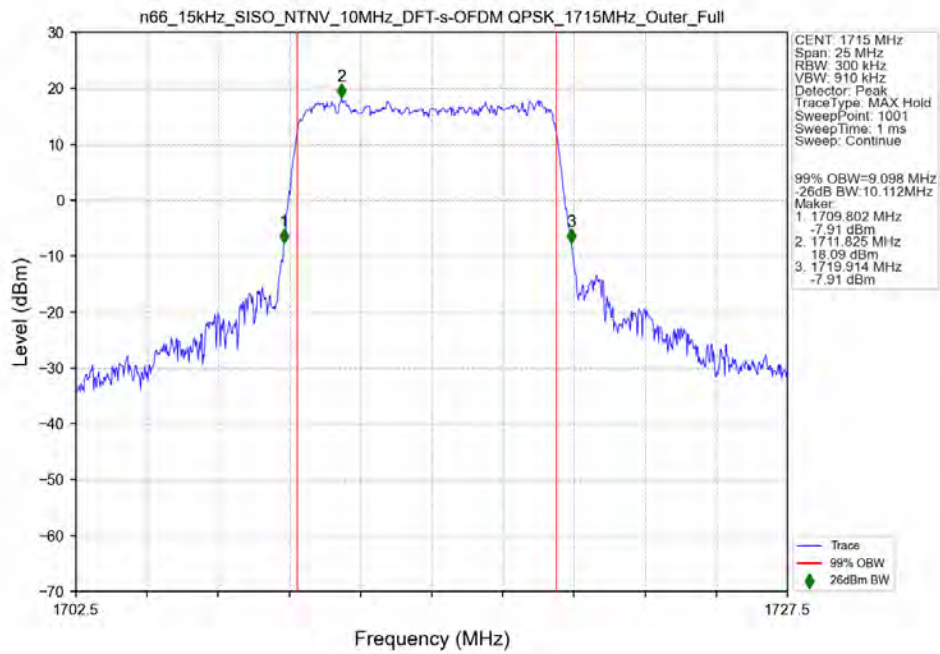
3.2.2 15k_SISO_10MHz_NTNV



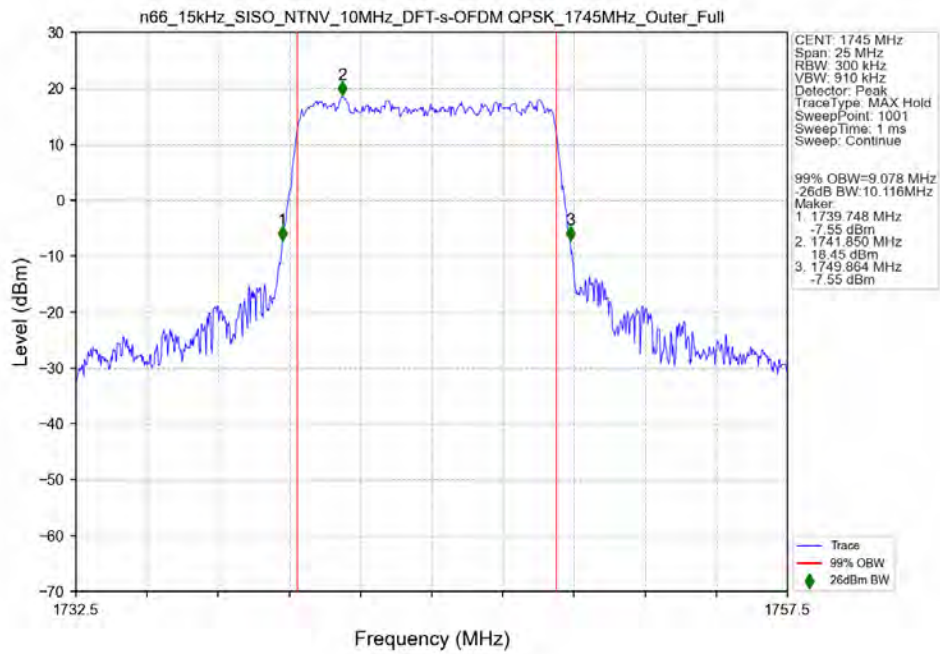
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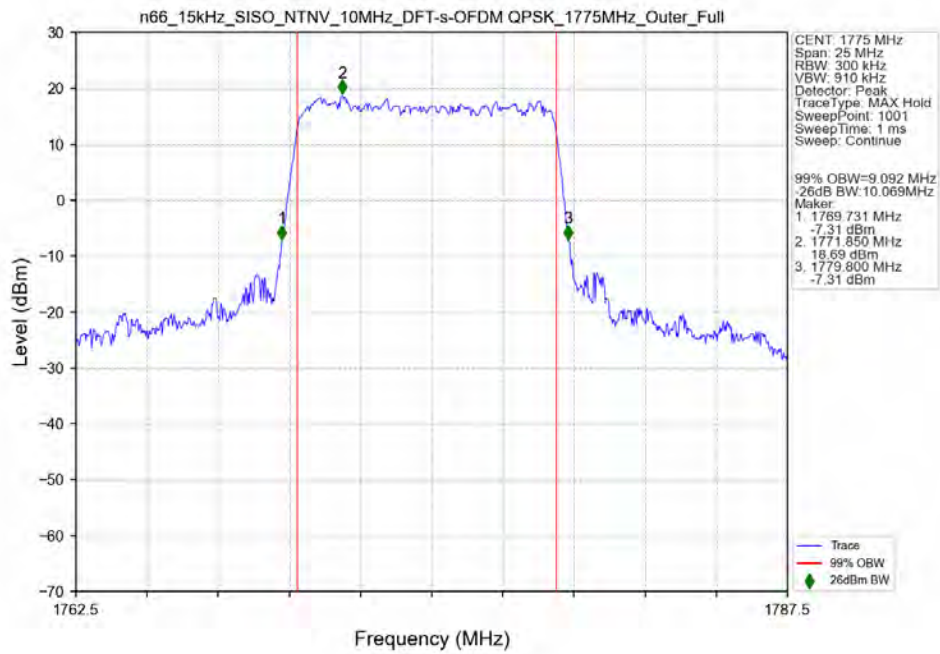
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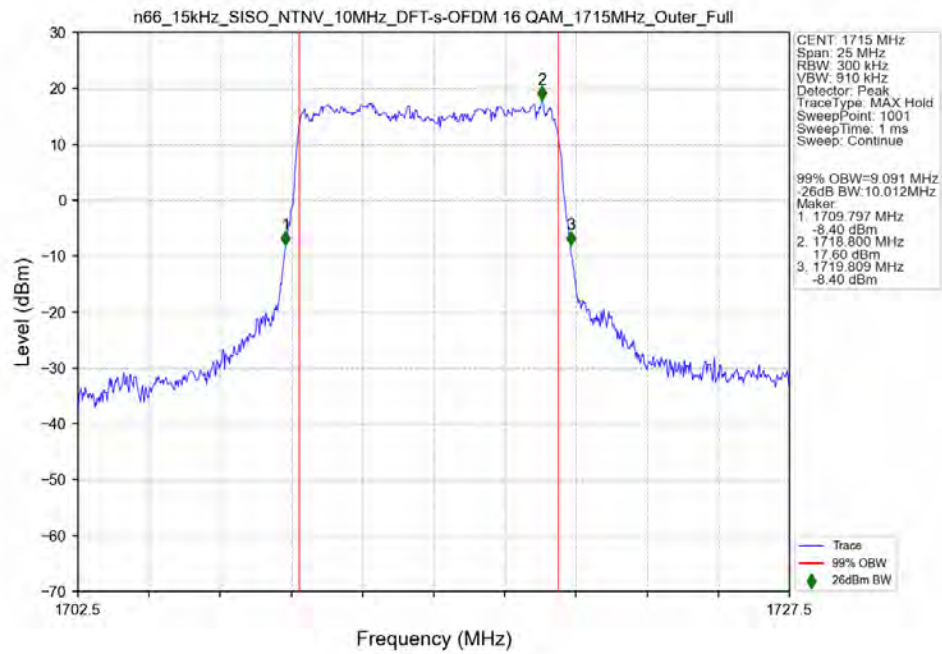
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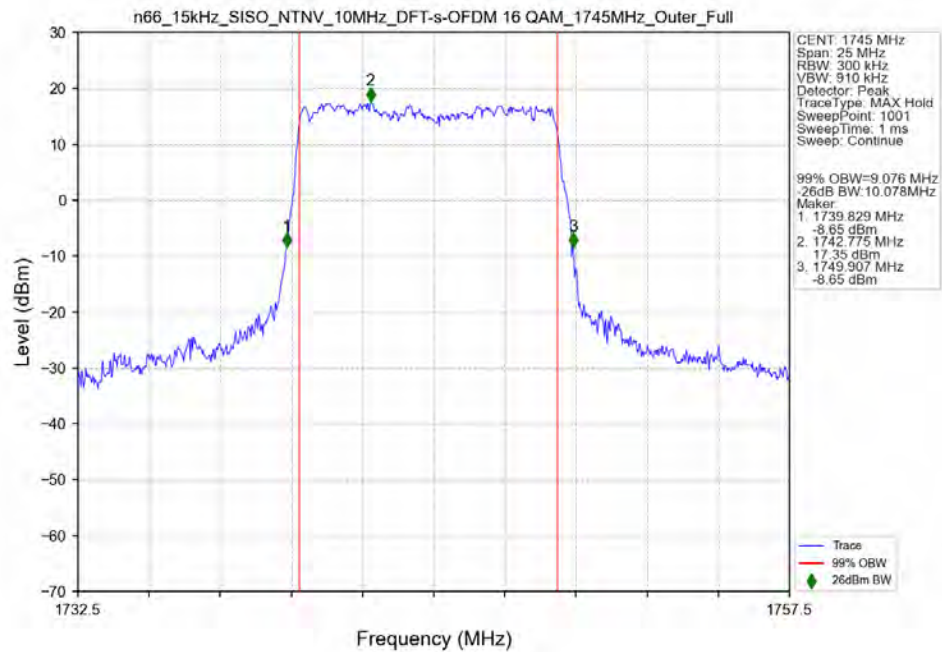
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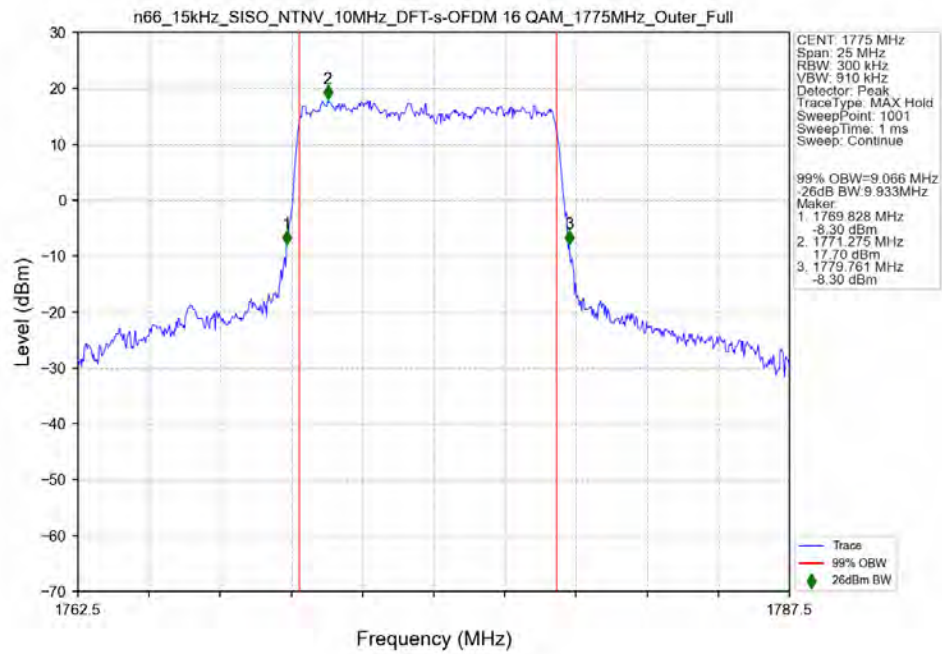
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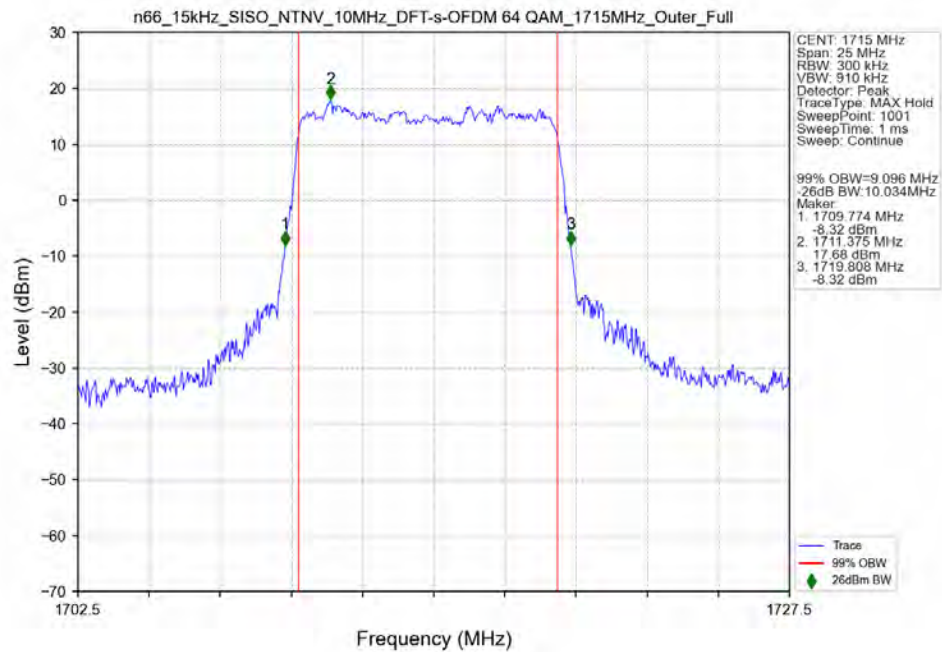
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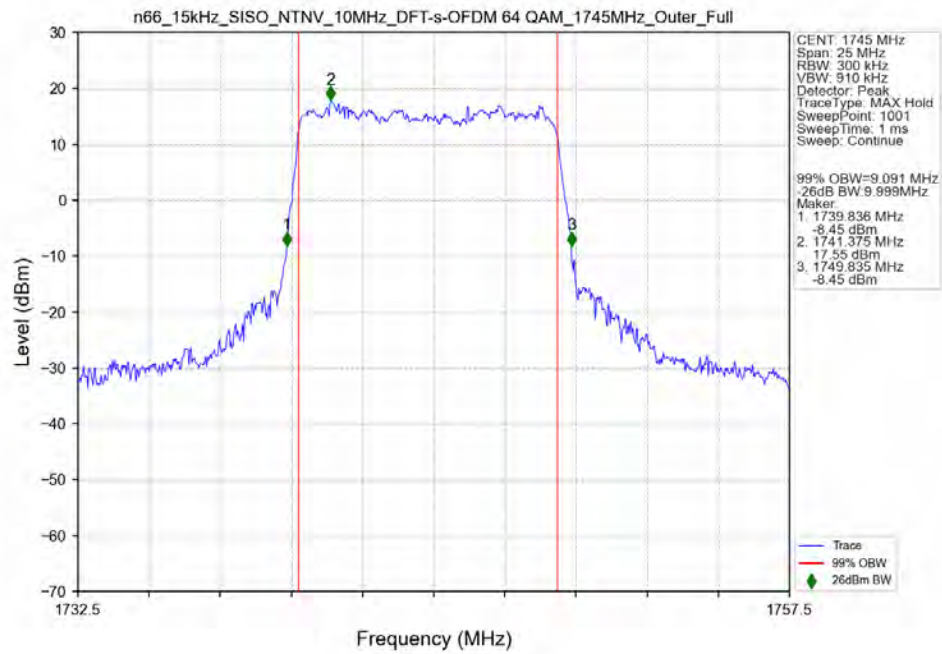
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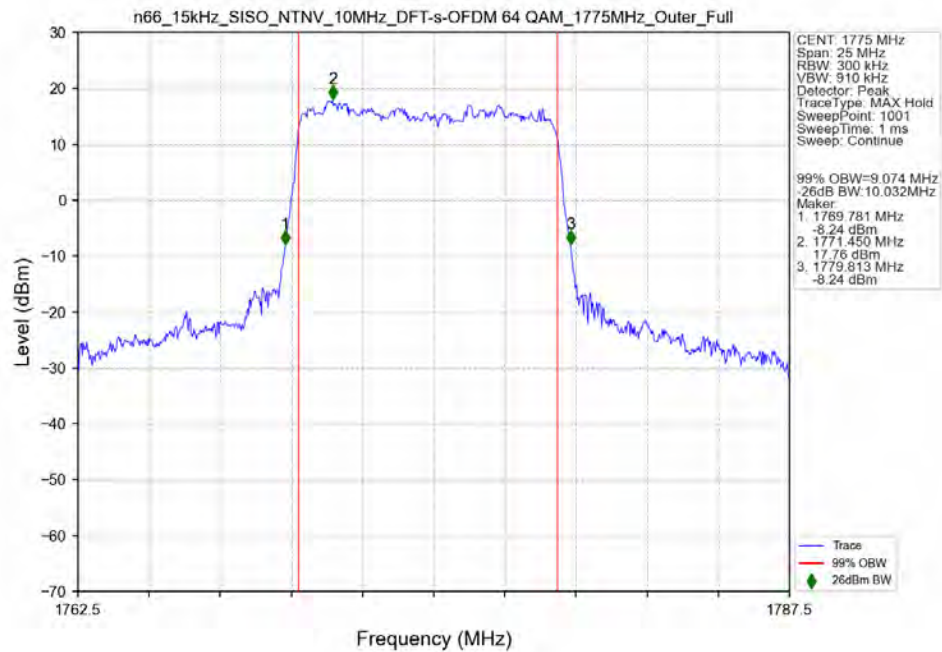
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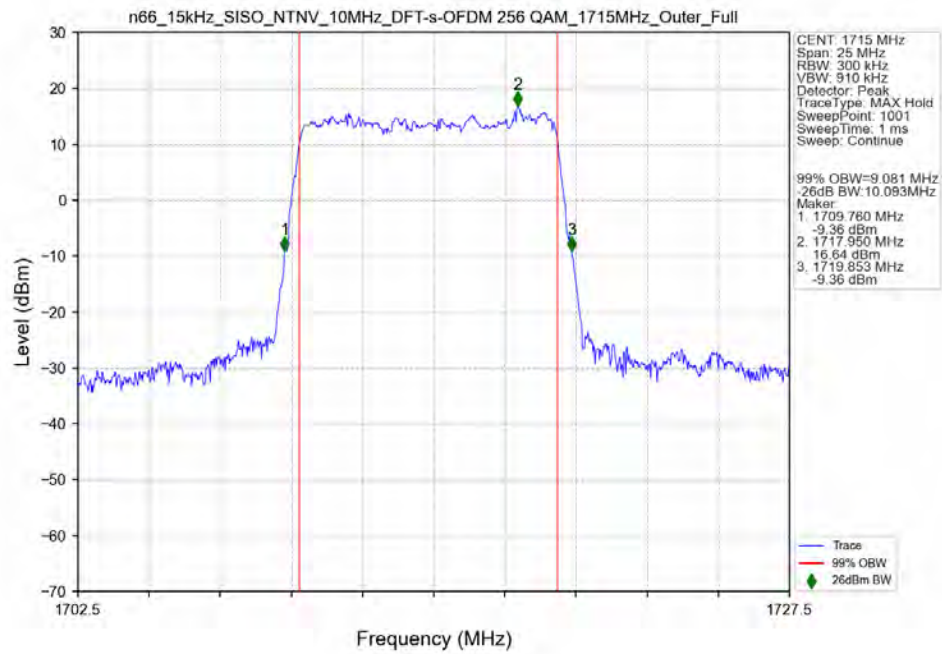
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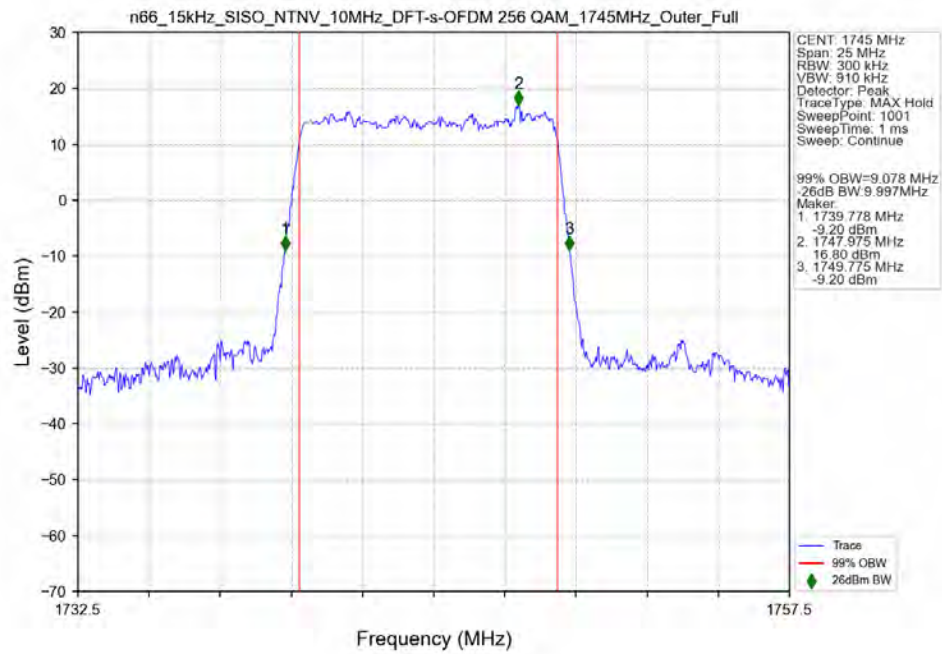
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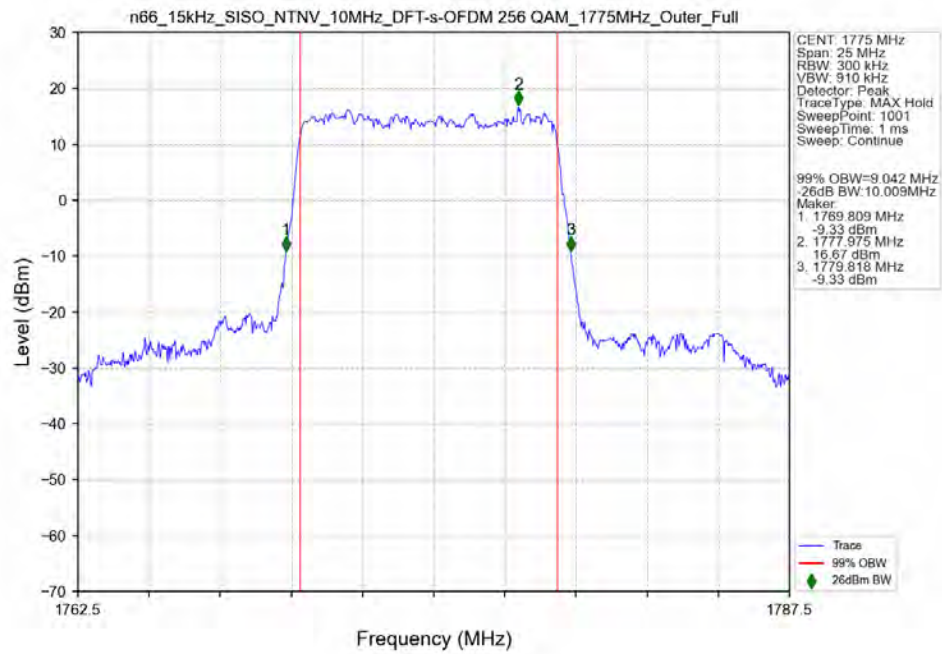
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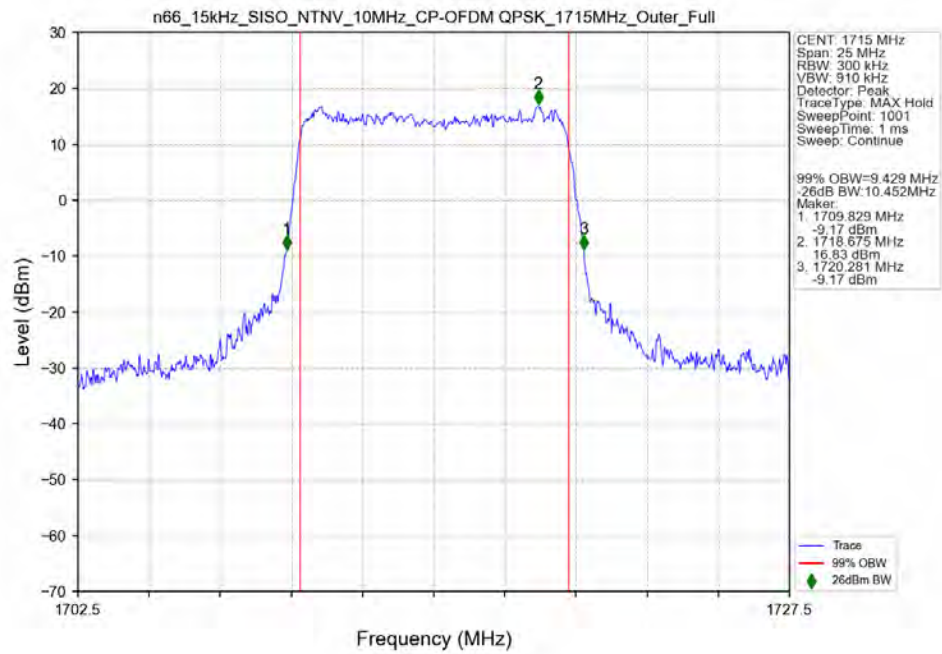
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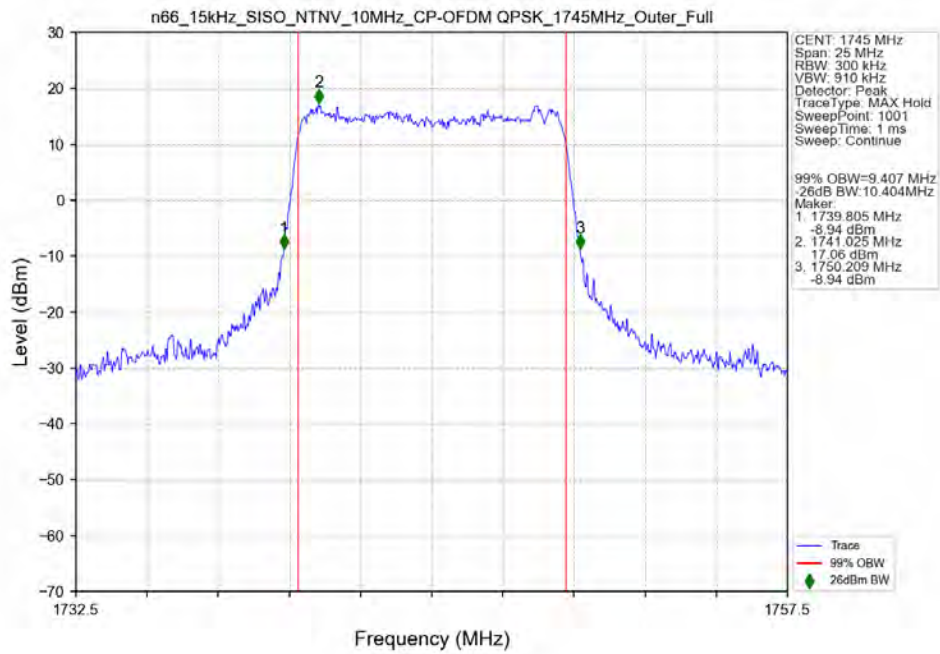
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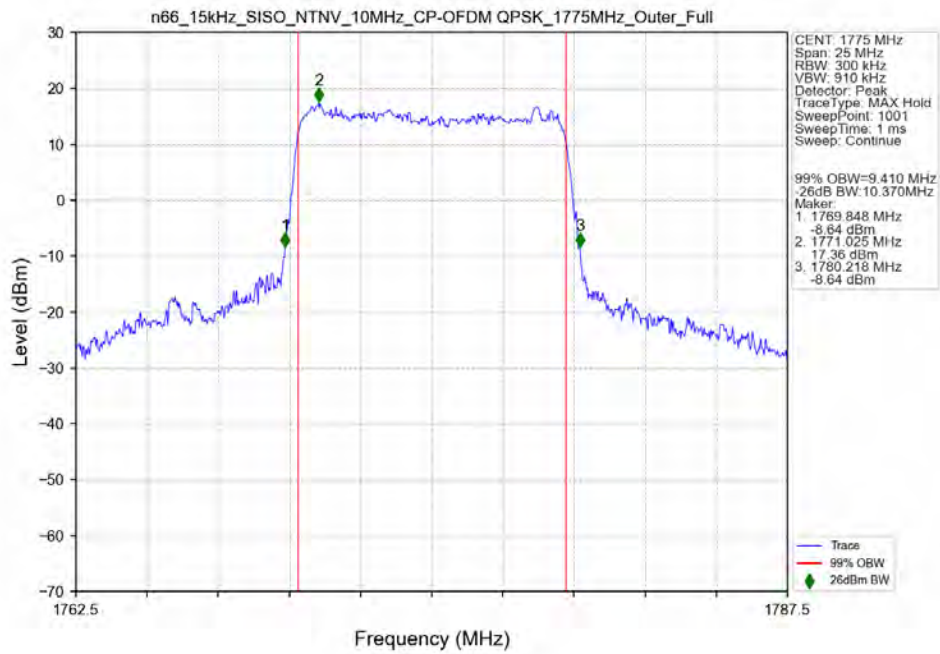
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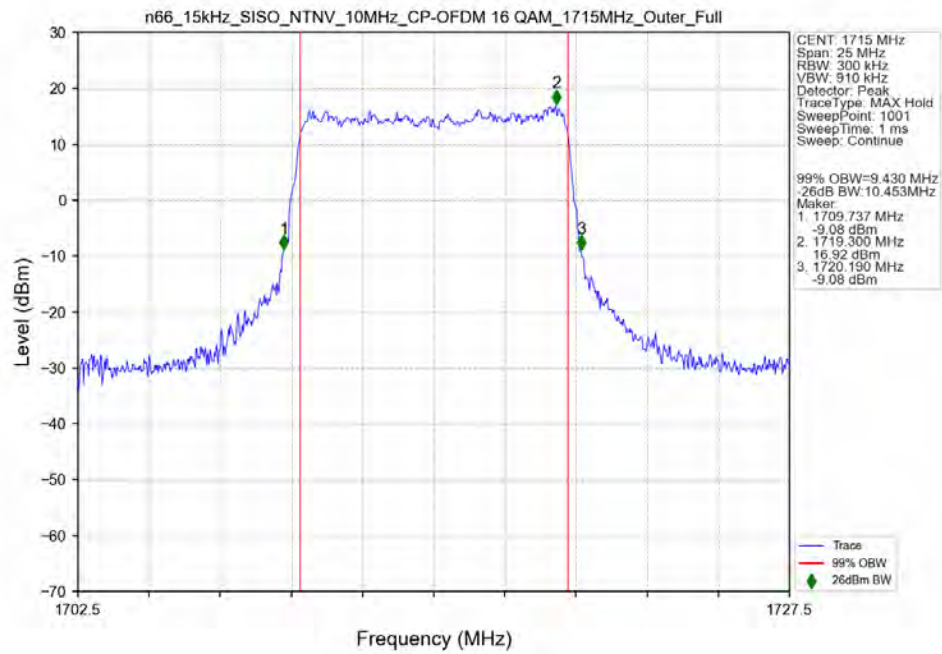
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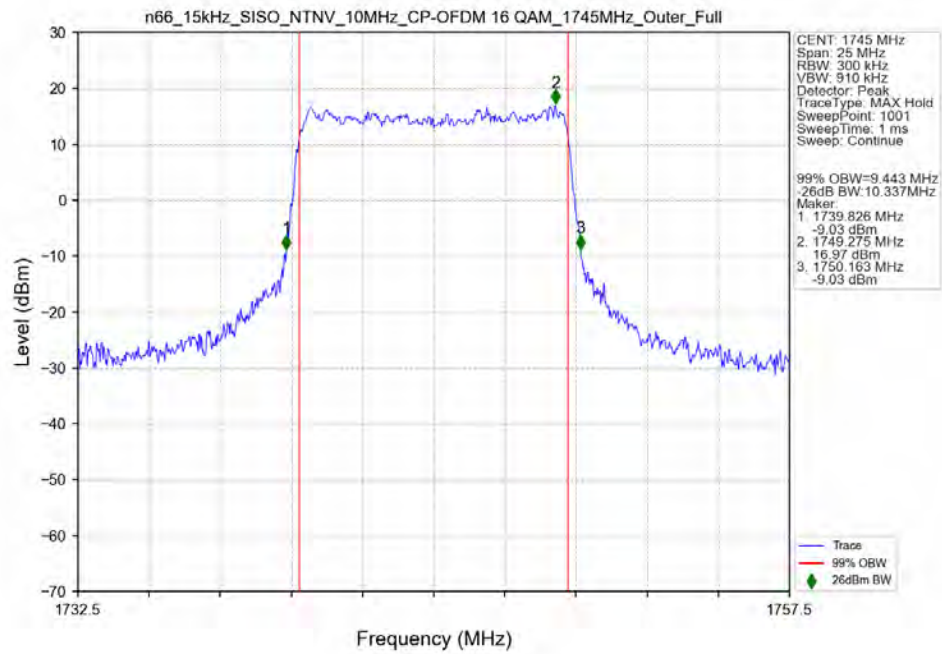
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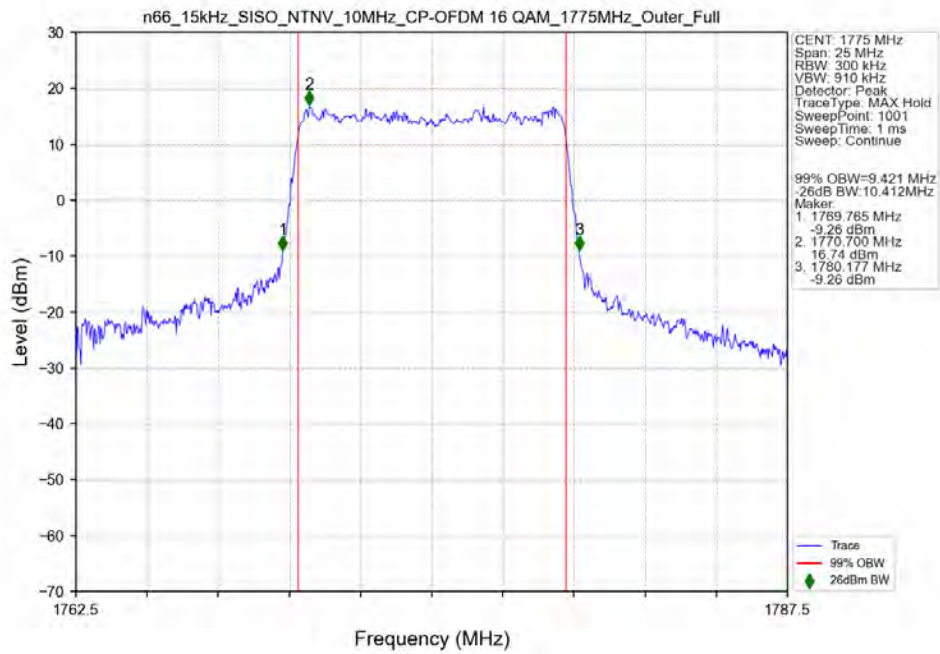
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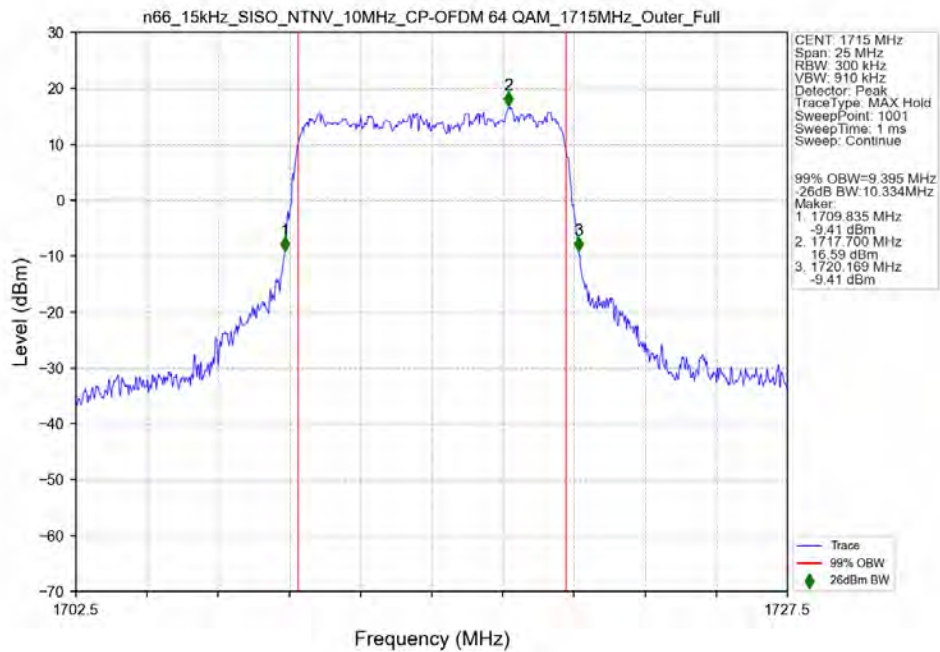
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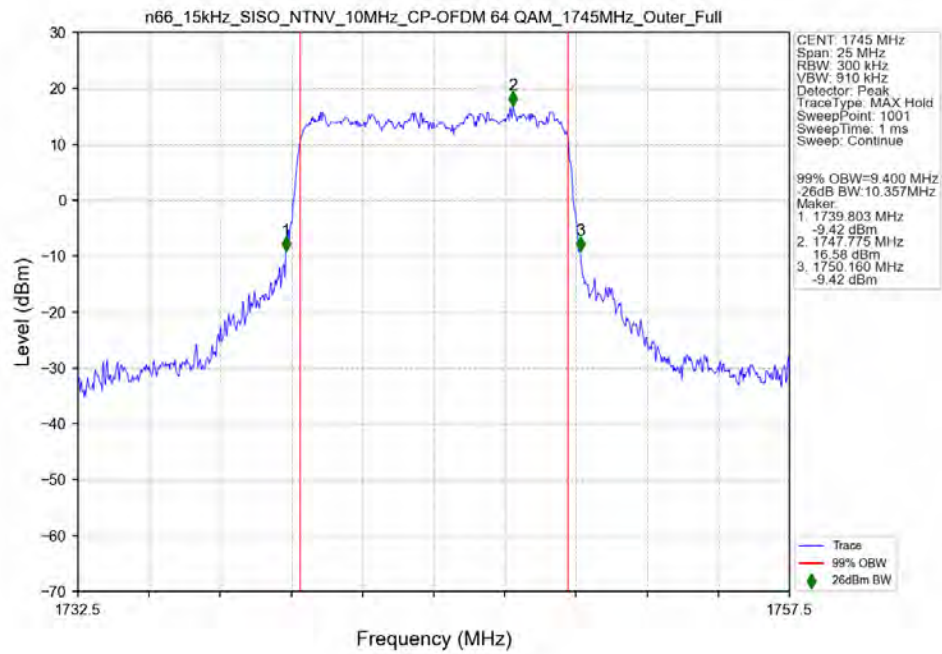
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n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 1715MHz_Outer_Full_Ant41



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 1745MHz_Outer_Full_Ant41



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 1775MHz_Outer_Full_Ant41

