

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2	Sum	Ant2	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge 1RB Left	24.56	/	/	23.06	/	/	<=30	Pass
		Edge 1RB Right	24.54	/	/	23.04	/	/	<=30	Pass
		Outer Full	24.56	/	/	23.06	/	/	<=30	Pass
		Inner Full	25.25	/	/	23.75	/	/	<=30	Pass
		Inner 1RB Left	24.98	/	/	23.48	/	/	<=30	Pass
		Inner 1RB Right	25.10	/	/	23.60	/	/	<=30	Pass
	1745	Edge 1RB Left	24.53	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Right	24.50	/	/	23.00	/	/	<=30	Pass
		Outer Full	24.49	/	/	22.99	/	/	<=30	Pass
		Inner Full	25.17	/	/	23.67	/	/	<=30	Pass
		Inner 1RB Left	25.08	/	/	23.58	/	/	<=30	Pass
		Inner 1RB Right	25.07	/	/	23.57	/	/	<=30	Pass
	1777.5	Edge 1RB Left	24.64	/	/	23.14	/	/	<=30	Pass
		Edge 1RB Right	24.72	/	/	23.22	/	/	<=30	Pass
		Outer Full	24.64	/	/	23.14	/	/	<=30	Pass
		Inner Full	25.31	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Left	25.06	/	/	23.56	/	/	<=30	Pass
		Inner 1RB Right	25.19	/	/	23.69	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge 1RB Left	24.02	/	/	22.52	/	/	<=30	Pass
		Edge 1RB Right	24.04	/	/	22.54	/	/	<=30	Pass
		Outer Full	24.06	/	/	22.56	/	/	<=30	Pass
		Inner Full	25.08	/	/	23.58	/	/	<=30	Pass
		Inner 1RB Left	25.01	/	/	23.51	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	23.49	/	/	<=30	Pass
	1745	Edge 1RB Left	24.07	/	/	22.57	/	/	<=30	Pass
		Edge 1RB Right	24.04	/	/	22.54	/	/	<=30	Pass
		Outer Full	24.04	/	/	22.54	/	/	<=30	Pass
		Inner Full	25.12	/	/	23.62	/	/	<=30	Pass
		Inner 1RB Left	25.12	/	/	23.62	/	/	<=30	Pass
		Inner 1RB Right	24.97	/	/	23.47	/	/	<=30	Pass
	1777.5	Edge 1RB Left	24.22	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Right	24.28	/	/	22.78	/	/	<=30	Pass
		Outer Full	24.27	/	/	22.77	/	/	<=30	Pass
		Inner Full	25.26	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Left	25.09	/	/	23.59	/	/	<=30	Pass
		Inner 1RB Right	25.24	/	/	23.74	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge 1RB Left	22.96	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	21.41	/	/	<=30	Pass
		Outer Full	22.97	/	/	21.47	/	/	<=30	Pass
		Inner Full	24.03	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Left	23.89	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Right	23.99	/	/	22.49	/	/	<=30	Pass
	1745	Edge 1RB Left	22.92	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	22.95	/	/	21.45	/	/	<=30	Pass
		Outer Full	23.00	/	/	21.50	/	/	<=30	Pass
		Inner Full	23.98	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	23.91	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	24.05	/	/	22.55	/	/	<=30	Pass
	1777.5	Edge 1RB Left	23.11	/	/	21.61	/	/	<=30	Pass

		Edge 1RB Right	23.15	/	/	21.65	/	/	<=30	Pass
		Outer Full	23.17	/	/	21.67	/	/	<=30	Pass
		Inner Full	24.23	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Left	24.09	/	/	22.59	/	/	<=30	Pass
		Inner 1RB Right	24.18	/	/	22.68	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge 1RB Left	22.51	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	20.98	/	/	<=30	Pass
		Outer Full	22.52	/	/	21.02	/	/	<=30	Pass
		Inner Full	22.47	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Left	22.58	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Right	22.60	/	/	21.10	/	/	<=30	Pass
	1745	Edge 1RB Left	22.60	/	/	21.10	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	21.10	/	/	<=30	Pass
		Outer Full	22.44	/	/	20.94	/	/	<=30	Pass
		Inner Full	22.57	/	/	21.07	/	/	<=30	Pass
		Inner 1RB Left	22.51	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Right	22.55	/	/	21.05	/	/	<=30	Pass
	1777.5	Edge 1RB Left	22.45	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	21.04	/	/	<=30	Pass
		Outer Full	22.58	/	/	21.08	/	/	<=30	Pass
		Inner Full	22.69	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Left	22.61	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Right	22.78	/	/	21.28	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge 1RB Left	19.88	/	/	18.38	/	/	<=30	Pass
		Edge 1RB Right	19.93	/	/	18.43	/	/	<=30	Pass
		Outer Full	20.40	/	/	18.90	/	/	<=30	Pass
		Inner Full	20.46	/	/	18.96	/	/	<=30	Pass
		Inner 1RB Left	19.95	/	/	18.45	/	/	<=30	Pass
		Inner 1RB Right	19.95	/	/	18.45	/	/	<=30	Pass
	1745	Edge 1RB Left	19.90	/	/	18.40	/	/	<=30	Pass
		Edge 1RB Right	19.85	/	/	18.35	/	/	<=30	Pass
		Outer Full	20.48	/	/	18.98	/	/	<=30	Pass
		Inner Full	20.49	/	/	18.99	/	/	<=30	Pass
		Inner 1RB Left	19.94	/	/	18.44	/	/	<=30	Pass
		Inner 1RB Right	19.86	/	/	18.36	/	/	<=30	Pass
	1777.5	Edge 1RB Left	20.00	/	/	18.50	/	/	<=30	Pass
		Edge 1RB Right	20.08	/	/	18.58	/	/	<=30	Pass
		Outer Full	20.59	/	/	19.09	/	/	<=30	Pass
		Inner Full	20.58	/	/	19.08	/	/	<=30	Pass
		Inner 1RB Left	20.02	/	/	18.52	/	/	<=30	Pass
		Inner 1RB Right	20.07	/	/	18.57	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge 1RB Left	22.03	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	20.52	/	/	<=30	Pass
		Outer Full	22.11	/	/	20.61	/	/	<=30	Pass
		Inner Full	23.70	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Right	23.81	/	/	22.31	/	/	<=30	Pass
	1745	Edge 1RB Left	22.15	/	/	20.65	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	20.61	/	/	<=30	Pass
		Outer Full	22.18	/	/	20.68	/	/	<=30	Pass
		Inner Full	23.73	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Left	23.78	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Right	23.82	/	/	22.32	/	/	<=30	Pass
	1777.5	Edge 1RB Left	22.21	/	/	20.71	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	20.78	/	/	<=30	Pass
		Outer Full	22.28	/	/	20.78	/	/	<=30	Pass
		Inner Full	23.88	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Left	23.91	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	23.99	/	/	22.49	/	/	<=30	Pass

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2	Sum	Ant2	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1715	Edge_1RB_Left	24.53	/	/	23.03	/	/	<=30	Pass
		Edge_1RB_Right	24.61	/	/	23.11	/	/	<=30	Pass
		Outer_Full	24.67	/	/	23.17	/	/	<=30	Pass
		Inner_Full	25.22	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	25.26	/	/	23.76	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.54	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	24.50	/	/	23.00	/	/	<=30	Pass
		Outer_Full	24.60	/	/	23.10	/	/	<=30	Pass
		Inner_Full	25.18	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	25.07	/	/	23.57	/	/	<=30	Pass
	1775	Edge_1RB_Left	24.64	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	24.66	/	/	23.16	/	/	<=30	Pass
		Outer_Full	24.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	25.19	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	23.82	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	24.15	/	/	22.65	/	/	<=30	Pass
		Edge_1RB_Right	24.17	/	/	22.67	/	/	<=30	Pass
		Outer_Full	24.23	/	/	22.73	/	/	<=30	Pass
		Inner_Full	25.30	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	23.80	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.18	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	24.00	/	/	22.50	/	/	<=30	Pass
		Outer_Full	24.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	25.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	23.66	/	/	<=30	Pass
	1775	Edge_1RB_Left	24.18	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	24.34	/	/	22.84	/	/	<=30	Pass
		Outer_Full	24.14	/	/	22.64	/	/	<=30	Pass
		Inner_Full	25.21	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	23.80	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge_1RB_Left	22.96	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	21.55	/	/	<=30	Pass
		Outer_Full	23.08	/	/	21.58	/	/	<=30	Pass
		Inner_Full	24.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	22.58	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.04	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	21.36	/	/	<=30	Pass
		Outer_Full	22.90	/	/	21.40	/	/	<=30	Pass
		Inner_Full	24.03	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	22.45	/	/	<=30	Pass
	1775	Edge_1RB_Left	23.08	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	23.19	/	/	21.69	/	/	<=30	Pass
		Outer_Full	23.07	/	/	21.57	/	/	<=30	Pass
		Inner_Full	24.08	/	/	22.58	/	/	<=30	Pass

DFT-s-OFDM 64 QAM		Inner 1RB Left	24.06	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Right	24.23	/	/	22.73	/	/	<=30	Pass
	1715	Edge 1RB Left	22.72	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	21.12	/	/	<=30	Pass
		Outer Full	22.64	/	/	21.14	/	/	<=30	Pass
		Inner Full	22.55	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Left	22.68	/	/	21.18	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	21.12	/	/	<=30	Pass
	1745	Edge 1RB Left	22.70	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	21.04	/	/	<=30	Pass
		Outer Full	22.54	/	/	21.04	/	/	<=30	Pass
		Inner Full	22.49	/	/	20.99	/	/	<=30	Pass
		Inner 1RB Left	22.72	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Right	22.57	/	/	21.07	/	/	<=30	Pass
	1775	Edge 1RB Left	22.62	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	21.25	/	/	<=30	Pass
		Outer Full	22.63	/	/	21.13	/	/	<=30	Pass
		Inner Full	22.59	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Right	22.77	/	/	21.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge 1RB Left	19.96	/	/	18.46	/	/	<=30	Pass
		Edge 1RB Right	19.94	/	/	18.44	/	/	<=30	Pass
		Outer Full	20.59	/	/	19.09	/	/	<=30	Pass
		Inner Full	20.57	/	/	19.07	/	/	<=30	Pass
		Inner 1RB Left	20.03	/	/	18.53	/	/	<=30	Pass
		Inner 1RB Right	20.42	/	/	18.92	/	/	<=30	Pass
	1745	Edge 1RB Left	20.05	/	/	18.55	/	/	<=30	Pass
		Edge 1RB Right	19.80	/	/	18.30	/	/	<=30	Pass
		Outer Full	20.48	/	/	18.98	/	/	<=30	Pass
		Inner Full	20.48	/	/	18.98	/	/	<=30	Pass
		Inner 1RB Left	19.96	/	/	18.46	/	/	<=30	Pass
		Inner 1RB Right	19.82	/	/	18.32	/	/	<=30	Pass
	1775	Edge 1RB Left	19.93	/	/	18.43	/	/	<=30	Pass
		Edge 1RB Right	20.13	/	/	18.63	/	/	<=30	Pass
		Outer Full	20.57	/	/	19.07	/	/	<=30	Pass
		Inner Full	20.57	/	/	19.07	/	/	<=30	Pass
		Inner 1RB Left	19.94	/	/	18.44	/	/	<=30	Pass
		Inner 1RB Right	20.08	/	/	18.58	/	/	<=30	Pass
CP-OFDM QPSK	1715	Edge 1RB Left	22.19	/	/	20.69	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	20.69	/	/	<=30	Pass
		Outer Full	22.15	/	/	20.65	/	/	<=30	Pass
		Inner Full	23.65	/	/	22.15	/	/	<=30	Pass
		Inner 1RB Left	23.87	/	/	22.37	/	/	<=30	Pass
		Inner 1RB Right	23.86	/	/	22.36	/	/	<=30	Pass
	1745	Edge 1RB Left	22.21	/	/	20.71	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	20.52	/	/	<=30	Pass
		Outer Full	22.12	/	/	20.62	/	/	<=30	Pass
		Inner Full	23.53	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Left	23.94	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Right	23.78	/	/	22.28	/	/	<=30	Pass
	1775	Edge 1RB Left	22.11	/	/	20.61	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	20.80	/	/	<=30	Pass
		Outer Full	22.17	/	/	20.67	/	/	<=30	Pass
		Inner Full	23.64	/	/	22.14	/	/	<=30	Pass
		Inner 1RB Left	23.90	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Right	23.92	/	/	22.42	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge 1RB Left	22.03	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	20.57	/	/	<=30	Pass
		Outer Full	22.16	/	/	20.66	/	/	<=30	Pass

		Inner_Full	23.06	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Left	22.02	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	20.39	/	/	<=30	Pass
		Outer_Full	22.10	/	/	20.60	/	/	<=30	Pass
		Inner_Full	23.00	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	21.56	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.01	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	20.59	/	/	<=30	Pass
		Outer_Full	22.26	/	/	20.76	/	/	<=30	Pass
		Inner_Full	23.17	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	21.71	/	/	<=30	Pass
CP-OFDM 64 QAM	1715	Edge_1RB_Left	21.61	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	20.14	/	/	<=30	Pass
		Outer_Full	21.65	/	/	20.15	/	/	<=30	Pass
		Inner_Full	21.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	20.23	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	21.48	/	/	19.98	/	/	<=30	Pass
		Inner_Full	21.58	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	20.04	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.56	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	20.13	/	/	<=30	Pass
		Outer_Full	21.66	/	/	20.16	/	/	<=30	Pass
		Inner_Full	21.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	20.25	/	/	<=30	Pass
CP-OFDM 256 QAM	1715	Edge_1RB_Left	18.16	/	/	16.66	/	/	<=30	Pass
		Edge_1RB_Right	18.18	/	/	16.68	/	/	<=30	Pass
		Outer_Full	18.56	/	/	17.06	/	/	<=30	Pass
		Inner_Full	18.63	/	/	17.13	/	/	<=30	Pass
		Inner_1RB_Left	18.08	/	/	16.58	/	/	<=30	Pass
		Inner_1RB_Right	18.13	/	/	16.63	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.09	/	/	16.59	/	/	<=30	Pass
		Edge_1RB_Right	18.04	/	/	16.54	/	/	<=30	Pass
		Outer_Full	18.45	/	/	16.95	/	/	<=30	Pass
		Inner_Full	18.52	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Left	18.09	/	/	16.59	/	/	<=30	Pass
		Inner_1RB_Right	18.03	/	/	16.53	/	/	<=30	Pass
	1775	Edge_1RB_Left	18.06	/	/	16.56	/	/	<=30	Pass
		Edge_1RB_Right	18.12	/	/	16.62	/	/	<=30	Pass
		Outer_Full	18.54	/	/	17.04	/	/	<=30	Pass
Inner_Full		18.65	/	/	17.15	/	/	<=30	Pass	
Inner_1RB_Left		18.16	/	/	16.66	/	/	<=30	Pass	
Inner_1RB_Right	18.12	/	/	16.62	/	/	<=30	Pass		
Note1: Antenna Gain: Ant2: -1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2	Sum	Ant2	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Edge_1RB_Left	24.59	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Right	24.60	/	/	23.10	/	/	<=30	Pass
		Outer_Full	24.62	/	/	23.12	/	/	<=30	Pass
		Inner_Full	25.30	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Right	25.34	/	/	23.84	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.73	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	24.40	/	/	22.90	/	/	<=30	Pass
		Outer_Full	24.53	/	/	23.03	/	/	<=30	Pass
		Inner_Full	25.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	23.42	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	24.43	/	/	22.93	/	/	<=30	Pass
		Edge_1RB_Right	24.54	/	/	23.04	/	/	<=30	Pass
		Outer_Full	24.50	/	/	23.00	/	/	<=30	Pass
		Inner_Full	25.19	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	25.12	/	/	23.62	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	24.14	/	/	22.64	/	/	<=30	Pass
		Edge_1RB_Right	24.12	/	/	22.62	/	/	<=30	Pass
		Outer_Full	24.12	/	/	22.62	/	/	<=30	Pass
		Inner_Full	25.23	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	25.16	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	23.69	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.22	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Right	23.95	/	/	22.45	/	/	<=30	Pass
		Outer_Full	24.08	/	/	22.58	/	/	<=30	Pass
		Inner_Full	25.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	23.59	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.90	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	24.21	/	/	22.71	/	/	<=30	Pass
		Outer_Full	24.04	/	/	22.54	/	/	<=30	Pass
		Inner_Full	25.21	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	25.02	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	25.23	/	/	23.73	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	23.03	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	21.50	/	/	<=30	Pass
		Outer_Full	23.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	23.94	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	22.47	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.12	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	21.47	/	/	<=30	Pass
		Outer_Full	22.97	/	/	21.47	/	/	<=30	Pass
		Inner_Full	23.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	22.33	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.80	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	21.44	/	/	<=30	Pass
		Outer_Full	22.96	/	/	21.46	/	/	<=30	Pass
		Inner_Full	23.92	/	/	22.42	/	/	<=30	Pass

DFT-s-OFDM 64 QAM		Inner 1RB Left	23.79	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Right	23.99	/	/	22.49	/	/	<=30	Pass
	1717.5	Edge 1RB Left	22.72	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	21.14	/	/	<=30	Pass
		Outer Full	22.57	/	/	21.07	/	/	<=30	Pass
		Inner Full	22.47	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Left	22.67	/	/	21.17	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	21.14	/	/	<=30	Pass
	1745	Edge 1RB Left	22.81	/	/	21.31	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	20.98	/	/	<=30	Pass
		Outer Full	22.56	/	/	21.06	/	/	<=30	Pass
		Inner Full	22.48	/	/	20.98	/	/	<=30	Pass
		Inner 1RB Left	22.72	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Right	22.49	/	/	20.99	/	/	<=30	Pass
	1772.5	Edge 1RB Left	22.49	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	21.12	/	/	<=30	Pass
		Outer Full	22.47	/	/	20.97	/	/	<=30	Pass
		Inner Full	22.44	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Left	22.49	/	/	20.99	/	/	<=30	Pass
		Inner 1RB Right	22.66	/	/	21.16	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1717.5	Edge 1RB Left	20.02	/	/	18.52	/	/	<=30	Pass
		Edge 1RB Right	19.97	/	/	18.47	/	/	<=30	Pass
		Outer Full	20.41	/	/	18.91	/	/	<=30	Pass
		Inner Full	20.40	/	/	18.90	/	/	<=30	Pass
		Inner 1RB Left	20.06	/	/	18.56	/	/	<=30	Pass
		Inner 1RB Right	19.99	/	/	18.49	/	/	<=30	Pass
	1745	Edge 1RB Left	20.07	/	/	18.57	/	/	<=30	Pass
		Edge 1RB Right	19.70	/	/	18.20	/	/	<=30	Pass
		Outer Full	20.35	/	/	18.85	/	/	<=30	Pass
		Inner Full	20.45	/	/	18.95	/	/	<=30	Pass
		Inner 1RB Left	20.09	/	/	18.59	/	/	<=30	Pass
		Inner 1RB Right	19.72	/	/	18.22	/	/	<=30	Pass
	1772.5	Edge 1RB Left	20.30	/	/	18.80	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	18.52	/	/	<=30	Pass
		Outer Full	20.37	/	/	18.87	/	/	<=30	Pass
		Inner Full	20.36	/	/	18.86	/	/	<=30	Pass
		Inner 1RB Left	19.87	/	/	18.37	/	/	<=30	Pass
		Inner 1RB Right	20.06	/	/	18.56	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge 1RB Left	22.13	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	20.67	/	/	<=30	Pass
		Outer Full	22.06	/	/	20.56	/	/	<=30	Pass
		Inner Full	23.89	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Left	23.88	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Right	23.86	/	/	22.36	/	/	<=30	Pass
	1745	Edge 1RB Left	22.31	/	/	20.81	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	20.48	/	/	<=30	Pass
		Outer Full	22.10	/	/	20.60	/	/	<=30	Pass
		Inner Full	23.81	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Left	23.97	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Right	23.75	/	/	22.25	/	/	<=30	Pass
	1772.5	Edge 1RB Left	22.02	/	/	20.52	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	20.76	/	/	<=30	Pass
		Outer Full	22.05	/	/	20.55	/	/	<=30	Pass
		Inner Full	23.79	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Right	23.81	/	/	22.31	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Edge 1RB Left	22.03	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	20.49	/	/	<=30	Pass
		Outer Full	22.04	/	/	20.54	/	/	<=30	Pass

		Inner_Full	23.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Left	22.18	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	20.37	/	/	<=30	Pass
		Outer_Full	22.00	/	/	20.50	/	/	<=30	Pass
		Inner_Full	23.21	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	21.50	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.87	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	20.52	/	/	<=30	Pass
		Outer_Full	22.02	/	/	20.52	/	/	<=30	Pass
		Inner_Full	23.11	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	21.65	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	21.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	21.59	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	20.01	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.73	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	21.44	/	/	19.94	/	/	<=30	Pass
		Inner_Full	21.43	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	19.91	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	20.11	/	/	<=30	Pass
		Outer_Full	21.35	/	/	19.85	/	/	<=30	Pass
Inner_Full		21.45	/	/	19.95	/	/	<=30	Pass	
Inner_1RB_Left		21.35	/	/	19.85	/	/	<=30	Pass	
Inner_1RB_Right		21.53	/	/	20.03	/	/	<=30	Pass	
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	18.04	/	/	16.54	/	/	<=30	Pass
		Edge_1RB_Right	18.02	/	/	16.52	/	/	<=30	Pass
		Outer_Full	18.54	/	/	17.04	/	/	<=30	Pass
		Inner_Full	18.55	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	18.07	/	/	16.57	/	/	<=30	Pass
		Inner_1RB_Right	18.04	/	/	16.54	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.26	/	/	16.76	/	/	<=30	Pass
		Edge_1RB_Right	18.00	/	/	16.50	/	/	<=30	Pass
		Outer_Full	18.53	/	/	17.03	/	/	<=30	Pass
		Inner_Full	18.46	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	18.28	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Right	18.00	/	/	16.50	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	17.86	/	/	16.36	/	/	<=30	Pass
		Edge_1RB_Right	18.10	/	/	16.60	/	/	<=30	Pass
		Outer_Full	18.39	/	/	16.89	/	/	<=30	Pass
Inner_Full		18.45	/	/	16.95	/	/	<=30	Pass	
Inner_1RB_Left		17.89	/	/	16.39	/	/	<=30	Pass	
Inner_1RB_Right		18.11	/	/	16.61	/	/	<=30	Pass	
Note1: Antenna Gain: Ant2: -1.50dbi; 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
			Ant2	Ant2	Sum	Ant2	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Edge_1RB_Left	24.47	/	/	22.97	/	/	<=30	Pass
		Edge_1RB_Right	24.55	/	/	23.05	/	/	<=30	Pass
		Outer_Full	24.62	/	/	23.12	/	/	<=30	Pass
		Inner_Full	25.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	23.70	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.65	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Right	24.34	/	/	22.84	/	/	<=30	Pass
		Outer_Full	24.64	/	/	23.14	/	/	<=30	Pass
		Inner_Full	25.05	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	23.37	/	/	<=30	Pass
	1770	Edge_1RB_Left	24.28	/	/	22.78	/	/	<=30	Pass
		Edge_1RB_Right	24.63	/	/	23.13	/	/	<=30	Pass
		Outer_Full	24.52	/	/	23.02	/	/	<=30	Pass
		Inner_Full	25.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	23.60	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge_1RB_Left	23.94	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	24.02	/	/	22.52	/	/	<=30	Pass
		Outer_Full	24.20	/	/	22.70	/	/	<=30	Pass
		Inner_Full	25.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	23.65	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.22	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Right	23.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	24.22	/	/	22.72	/	/	<=30	Pass
		Inner_Full	25.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	25.23	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	23.47	/	/	<=30	Pass
	1770	Edge_1RB_Left	23.85	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	24.14	/	/	22.64	/	/	<=30	Pass
		Outer_Full	24.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	25.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	23.65	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Edge_1RB_Left	22.94	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	21.40	/	/	<=30	Pass
		Outer_Full	22.93	/	/	21.43	/	/	<=30	Pass
		Inner_Full	23.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	22.39	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.00	/	/	21.50	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	21.27	/	/	<=30	Pass
		Outer_Full	22.91	/	/	21.41	/	/	<=30	Pass
		Inner_Full	23.96	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	22.26	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.72	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	21.42	/	/	<=30	Pass
		Outer_Full	22.90	/	/	21.40	/	/	<=30	Pass
		Inner_Full	23.87	/	/	22.37	/	/	<=30	Pass

DFT-s-OFDM 64 QAM		Inner 1RB Left	23.67	/	/	22.17	/	/	<=30	Pass
		Inner 1RB Right	23.98	/	/	22.48	/	/	<=30	Pass
	1720	Edge 1RB Left	22.46	/	/	20.96	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	21.15	/	/	<=30	Pass
		Outer Full	22.47	/	/	20.97	/	/	<=30	Pass
		Inner Full	22.50	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Left	22.50	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Right	22.65	/	/	21.15	/	/	<=30	Pass
	1745	Edge 1RB Left	22.64	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	20.95	/	/	<=30	Pass
		Outer Full	22.52	/	/	21.02	/	/	<=30	Pass
		Inner Full	22.54	/	/	21.04	/	/	<=30	Pass
		Inner 1RB Left	22.66	/	/	21.16	/	/	<=30	Pass
		Inner 1RB Right	22.44	/	/	20.94	/	/	<=30	Pass
	1770	Edge 1RB Left	22.23	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	21.15	/	/	<=30	Pass
		Outer Full	22.46	/	/	20.96	/	/	<=30	Pass
		Inner Full	22.49	/	/	20.99	/	/	<=30	Pass
		Inner 1RB Left	22.23	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Right	22.59	/	/	21.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Edge 1RB Left	19.84	/	/	18.34	/	/	<=30	Pass
		Edge 1RB Right	19.92	/	/	18.42	/	/	<=30	Pass
		Outer Full	20.42	/	/	18.92	/	/	<=30	Pass
		Inner Full	20.42	/	/	18.92	/	/	<=30	Pass
		Inner 1RB Left	19.87	/	/	18.37	/	/	<=30	Pass
		Inner 1RB Right	19.94	/	/	18.44	/	/	<=30	Pass
	1745	Edge 1RB Left	19.95	/	/	18.45	/	/	<=30	Pass
		Edge 1RB Right	19.73	/	/	18.23	/	/	<=30	Pass
		Outer Full	20.43	/	/	18.93	/	/	<=30	Pass
		Inner Full	20.45	/	/	18.95	/	/	<=30	Pass
		Inner 1RB Left	19.95	/	/	18.45	/	/	<=30	Pass
		Inner 1RB Right	19.64	/	/	18.14	/	/	<=30	Pass
	1770	Edge 1RB Left	19.64	/	/	18.14	/	/	<=30	Pass
		Edge 1RB Right	20.03	/	/	18.53	/	/	<=30	Pass
		Outer Full	20.33	/	/	18.83	/	/	<=30	Pass
		Inner Full	20.32	/	/	18.82	/	/	<=30	Pass
		Inner 1RB Left	19.64	/	/	18.14	/	/	<=30	Pass
		Inner 1RB Right	19.95	/	/	18.45	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge 1RB Left	22.07	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	20.59	/	/	<=30	Pass
		Outer Full	22.05	/	/	20.55	/	/	<=30	Pass
		Inner Full	23.60	/	/	22.10	/	/	<=30	Pass
		Inner 1RB Left	23.72	/	/	22.22	/	/	<=30	Pass
		Inner 1RB Right	23.75	/	/	22.25	/	/	<=30	Pass
	1745	Edge 1RB Left	22.06	/	/	20.56	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	20.47	/	/	<=30	Pass
		Outer Full	22.13	/	/	20.63	/	/	<=30	Pass
		Inner Full	23.56	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Right	23.56	/	/	22.06	/	/	<=30	Pass
	1770	Edge 1RB Left	21.85	/	/	20.35	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	20.69	/	/	<=30	Pass
		Outer Full	22.04	/	/	20.54	/	/	<=30	Pass
		Inner Full	23.56	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Left	23.62	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Right	23.76	/	/	22.26	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Edge 1RB Left	21.91	/	/	20.41	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	20.48	/	/	<=30	Pass
		Outer Full	21.97	/	/	20.47	/	/	<=30	Pass

		Inner_Full	23.11	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Left	21.97	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	21.90	/	/	20.40	/	/	<=30	Pass
		Inner_Full	23.07	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	22.84	/	/	21.34	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	20.52	/	/	<=30	Pass
		Outer_Full	21.93	/	/	20.43	/	/	<=30	Pass
		Inner_Full	22.99	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Right	23.10	/	/	21.60	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Edge_1RB_Left	21.60	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	20.11	/	/	<=30	Pass
		Outer_Full	21.55	/	/	20.05	/	/	<=30	Pass
		Inner_Full	21.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	20.02	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.61	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	19.93	/	/	<=30	Pass
		Outer_Full	21.51	/	/	20.01	/	/	<=30	Pass
		Inner_Full	21.52	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	21.46	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	20.09	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	21.35	/	/	19.85	/	/	<=30	Pass
		Inner_Full	21.38	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	20.10	/	/	<=30	Pass
CP-OFDM 256 QAM	1720	Edge_1RB_Left	18.01	/	/	16.51	/	/	<=30	Pass
		Edge_1RB_Right	18.02	/	/	16.52	/	/	<=30	Pass
		Outer_Full	18.57	/	/	17.07	/	/	<=30	Pass
		Inner_Full	18.53	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Left	18.03	/	/	16.53	/	/	<=30	Pass
		Inner_1RB_Right	18.02	/	/	16.52	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.04	/	/	16.54	/	/	<=30	Pass
		Edge_1RB_Right	17.94	/	/	16.44	/	/	<=30	Pass
		Outer_Full	18.46	/	/	16.96	/	/	<=30	Pass
		Inner_Full	18.44	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Left	18.05	/	/	16.55	/	/	<=30	Pass
		Inner_1RB_Right	17.83	/	/	16.33	/	/	<=30	Pass
	1770	Edge_1RB_Left	17.82	/	/	16.32	/	/	<=30	Pass
		Edge_1RB_Right	18.09	/	/	16.59	/	/	<=30	Pass
		Outer_Full	18.49	/	/	16.99	/	/	<=30	Pass
Inner_Full		18.49	/	/	16.99	/	/	<=30	Pass	
Inner_1RB_Left		17.80	/	/	16.30	/	/	<=30	Pass	
Inner_1RB_Right	17.96	/	/	16.46	/	/	<=30	Pass		
Note1: Antenna Gain: Ant2: -1.50dBi; 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
			Ant2	Ant2	Sum	Ant2	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1722.5	Edge_1RB_Left	24.62	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	24.68	/	/	23.18	/	/	<=30	Pass
		Outer_Full	24.48	/	/	22.98	/	/	<=30	Pass
		Inner_Full	25.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	25.28	/	/	23.78	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.65	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Right	24.55	/	/	23.05	/	/	<=30	Pass
		Outer_Full	24.60	/	/	23.10	/	/	<=30	Pass
		Inner_Full	25.16	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	23.59	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	24.42	/	/	22.92	/	/	<=30	Pass
		Edge_1RB_Right	24.69	/	/	23.19	/	/	<=30	Pass
		Outer_Full	24.41	/	/	22.91	/	/	<=30	Pass
		Inner_Full	25.00	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	23.82	/	/	<=30	Pass
DFT-s-OFDM QPSK	1722.5	Edge_1RB_Left	24.04	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	24.24	/	/	22.74	/	/	<=30	Pass
		Outer_Full	24.08	/	/	22.58	/	/	<=30	Pass
		Inner_Full	25.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	23.77	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.25	/	/	22.75	/	/	<=30	Pass
		Edge_1RB_Right	23.97	/	/	22.47	/	/	<=30	Pass
		Outer_Full	24.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	25.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	23.60	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	23.99	/	/	22.49	/	/	<=30	Pass
		Edge_1RB_Right	24.25	/	/	22.75	/	/	<=30	Pass
		Outer_Full	23.97	/	/	22.47	/	/	<=30	Pass
		Inner_Full	25.00	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	24.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	25.35	/	/	23.85	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1722.5	Edge_1RB_Left	22.95	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.94	/	/	21.44	/	/	<=30	Pass
		Inner_Full	23.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	22.65	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.10	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	21.33	/	/	<=30	Pass
		Outer_Full	22.97	/	/	21.47	/	/	<=30	Pass
		Inner_Full	23.95	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	22.41	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	22.79	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.90	/	/	21.40	/	/	<=30	Pass
		Inner_Full	23.85	/	/	22.35	/	/	<=30	Pass

DFT-s-OFDM 64 QAM		Inner 1RB Left	23.76	/	/	22.26	/	/	<=30	Pass
		Inner 1RB Right	24.12	/	/	22.62	/	/	<=30	Pass
	1722.5	Edge 1RB Left	22.61	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	21.16	/	/	<=30	Pass
		Outer Full	22.50	/	/	21.00	/	/	<=30	Pass
		Inner Full	22.49	/	/	20.99	/	/	<=30	Pass
		Inner 1RB Left	22.55	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Right	22.69	/	/	21.19	/	/	<=30	Pass
	1745	Edge 1RB Left	22.75	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	20.93	/	/	<=30	Pass
		Outer Full	22.42	/	/	20.92	/	/	<=30	Pass
		Inner Full	22.56	/	/	21.06	/	/	<=30	Pass
		Inner 1RB Left	22.74	/	/	21.24	/	/	<=30	Pass
		Inner 1RB Right	22.44	/	/	20.94	/	/	<=30	Pass
	1767.5	Edge 1RB Left	22.45	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	21.26	/	/	<=30	Pass
		Outer Full	22.35	/	/	20.85	/	/	<=30	Pass
		Inner Full	22.50	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Left	22.44	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Right	22.70	/	/	21.20	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1722.5	Edge 1RB Left	19.93	/	/	18.43	/	/	<=30	Pass
		Edge 1RB Right	19.99	/	/	18.49	/	/	<=30	Pass
		Outer Full	20.46	/	/	18.96	/	/	<=30	Pass
		Inner Full	20.45	/	/	18.95	/	/	<=30	Pass
		Inner 1RB Left	19.96	/	/	18.46	/	/	<=30	Pass
		Inner 1RB Right	20.08	/	/	18.58	/	/	<=30	Pass
	1745	Edge 1RB Left	20.02	/	/	18.52	/	/	<=30	Pass
		Edge 1RB Right	19.88	/	/	18.38	/	/	<=30	Pass
		Outer Full	20.49	/	/	18.99	/	/	<=30	Pass
		Inner Full	20.39	/	/	18.89	/	/	<=30	Pass
		Inner 1RB Left	20.02	/	/	18.52	/	/	<=30	Pass
		Inner 1RB Right	19.79	/	/	18.29	/	/	<=30	Pass
	1767.5	Edge 1RB Left	19.78	/	/	18.28	/	/	<=30	Pass
		Edge 1RB Right	20.13	/	/	18.63	/	/	<=30	Pass
		Outer Full	20.38	/	/	18.88	/	/	<=30	Pass
		Inner Full	20.37	/	/	18.87	/	/	<=30	Pass
		Inner 1RB Left	19.79	/	/	18.29	/	/	<=30	Pass
		Inner 1RB Right	20.07	/	/	18.57	/	/	<=30	Pass
CP-OFDM QPSK	1722.5	Edge 1RB Left	22.14	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	20.65	/	/	<=30	Pass
		Outer Full	22.04	/	/	20.54	/	/	<=30	Pass
		Inner Full	23.79	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Right	23.92	/	/	22.42	/	/	<=30	Pass
	1745	Edge 1RB Left	22.29	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	20.56	/	/	<=30	Pass
		Outer Full	22.06	/	/	20.56	/	/	<=30	Pass
		Inner Full	23.76	/	/	22.26	/	/	<=30	Pass
		Inner 1RB Left	23.97	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Right	23.79	/	/	22.29	/	/	<=30	Pass
	1767.5	Edge 1RB Left	22.03	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	20.73	/	/	<=30	Pass
		Outer Full	22.08	/	/	20.58	/	/	<=30	Pass
		Inner Full	23.75	/	/	22.25	/	/	<=30	Pass
		Inner 1RB Left	23.62	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Right	23.99	/	/	22.49	/	/	<=30	Pass
CP-OFDM 16 QAM	1722.5	Edge 1RB Left	21.96	/	/	20.46	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	20.62	/	/	<=30	Pass
		Outer Full	22.03	/	/	20.53	/	/	<=30	Pass

		Inner_Full	23.04	/	/	21.54	/	/	<=30	Pass	
		Inner_1RB_Left	23.05	/	/	21.55	/	/	<=30	Pass	
		Inner_1RB_Right	23.15	/	/	21.65	/	/	<=30	Pass	
	1745	Edge_1RB_Left	22.16	/	/	20.66	/	/	<=30	Pass	
		Edge_1RB_Right	21.94	/	/	20.44	/	/	<=30	Pass	
		Outer_Full	22.00	/	/	20.50	/	/	<=30	Pass	
		Inner_Full	23.07	/	/	21.57	/	/	<=30	Pass	
		Inner_1RB_Left	23.24	/	/	21.74	/	/	<=30	Pass	
		Inner_1RB_Right	23.02	/	/	21.52	/	/	<=30	Pass	
	1767.5	Edge_1RB_Left	21.89	/	/	20.39	/	/	<=30	Pass	
		Edge_1RB_Right	22.22	/	/	20.72	/	/	<=30	Pass	
		Outer_Full	21.91	/	/	20.41	/	/	<=30	Pass	
		Inner_Full	23.01	/	/	21.51	/	/	<=30	Pass	
		Inner_1RB_Left	22.93	/	/	21.43	/	/	<=30	Pass	
		Inner_1RB_Right	23.34	/	/	21.84	/	/	<=30	Pass	
CP-OFDM 64 QAM	1722.5	Edge_1RB_Left	21.55	/	/	20.05	/	/	<=30	Pass	
		Edge_1RB_Right	21.68	/	/	20.18	/	/	<=30	Pass	
		Outer_Full	21.49	/	/	19.99	/	/	<=30	Pass	
		Inner_Full	21.57	/	/	20.07	/	/	<=30	Pass	
		Inner_1RB_Left	21.55	/	/	20.05	/	/	<=30	Pass	
		Inner_1RB_Right	21.67	/	/	20.17	/	/	<=30	Pass	
	1745	Edge_1RB_Left	21.80	/	/	20.30	/	/	<=30	Pass	
		Edge_1RB_Right	21.54	/	/	20.04	/	/	<=30	Pass	
		Outer_Full	21.53	/	/	20.03	/	/	<=30	Pass	
		Inner_Full	21.53	/	/	20.03	/	/	<=30	Pass	
		Inner_1RB_Left	21.71	/	/	20.21	/	/	<=30	Pass	
		Inner_1RB_Right	21.57	/	/	20.07	/	/	<=30	Pass	
	1767.5	Edge_1RB_Left	21.43	/	/	19.93	/	/	<=30	Pass	
		Edge_1RB_Right	21.73	/	/	20.23	/	/	<=30	Pass	
		Outer_Full	21.39	/	/	19.89	/	/	<=30	Pass	
		Inner_Full	21.49	/	/	19.99	/	/	<=30	Pass	
		Inner_1RB_Left	21.50	/	/	20.00	/	/	<=30	Pass	
		Inner_1RB_Right	21.79	/	/	20.29	/	/	<=30	Pass	
	CP-OFDM 256 QAM	1722.5	Edge_1RB_Left	17.98	/	/	16.48	/	/	<=30	Pass
			Edge_1RB_Right	18.08	/	/	16.58	/	/	<=30	Pass
			Outer_Full	18.55	/	/	17.05	/	/	<=30	Pass
Inner_Full			18.52	/	/	17.02	/	/	<=30	Pass	
Inner_1RB_Left			18.10	/	/	16.60	/	/	<=30	Pass	
Inner_1RB_Right			18.09	/	/	16.59	/	/	<=30	Pass	
1745		Edge_1RB_Left	18.20	/	/	16.70	/	/	<=30	Pass	
		Edge_1RB_Right	17.97	/	/	16.47	/	/	<=30	Pass	
		Outer_Full	18.44	/	/	16.94	/	/	<=30	Pass	
		Inner_Full	18.55	/	/	17.05	/	/	<=30	Pass	
		Inner_1RB_Left	18.17	/	/	16.67	/	/	<=30	Pass	
		Inner_1RB_Right	17.88	/	/	16.38	/	/	<=30	Pass	
1767.5		Edge_1RB_Left	17.92	/	/	16.42	/	/	<=30	Pass	
		Edge_1RB_Right	18.17	/	/	16.67	/	/	<=30	Pass	
		Outer_Full	18.46	/	/	16.96	/	/	<=30	Pass	
	Inner_Full	18.37	/	/	16.87	/	/	<=30	Pass		
	Inner_1RB_Left	17.81	/	/	16.31	/	/	<=30	Pass		
	Inner_1RB_Right	18.20	/	/	16.70	/	/	<=30	Pass		
Note1: Antenna Gain: Ant2: -1.50dbi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2	Sum	Ant2	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1725	Edge 1RB Left	24.58	/	/	23.08	/	/	<=30	Pass
		Edge 1RB Right	24.56	/	/	23.06	/	/	<=30	Pass
		Outer Full	24.64	/	/	23.14	/	/	<=30	Pass
		Inner Full	25.31	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Left	25.16	/	/	23.66	/	/	<=30	Pass
		Inner 1RB Right	25.30	/	/	23.80	/	/	<=30	Pass
	1745	Edge 1RB Left	24.72	/	/	23.22	/	/	<=30	Pass
		Edge 1RB Right	24.35	/	/	22.85	/	/	<=30	Pass
		Outer Full	24.56	/	/	23.06	/	/	<=30	Pass
		Inner Full	25.15	/	/	23.65	/	/	<=30	Pass
		Inner 1RB Left	25.34	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Right	25.01	/	/	23.51	/	/	<=30	Pass
	1765	Edge 1RB Left	24.41	/	/	22.91	/	/	<=30	Pass
		Edge 1RB Right	24.66	/	/	23.16	/	/	<=30	Pass
		Outer Full	24.45	/	/	22.95	/	/	<=30	Pass
		Inner Full	25.04	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Left	25.00	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Right	25.32	/	/	23.82	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Edge 1RB Left	24.15	/	/	22.65	/	/	<=30	Pass
		Edge 1RB Right	24.12	/	/	22.62	/	/	<=30	Pass
		Outer Full	24.19	/	/	22.69	/	/	<=30	Pass
		Inner Full	25.26	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Left	25.29	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Right	25.23	/	/	23.73	/	/	<=30	Pass
	1745	Edge 1RB Left	24.15	/	/	22.65	/	/	<=30	Pass
		Edge 1RB Right	24.02	/	/	22.52	/	/	<=30	Pass
		Outer Full	24.10	/	/	22.60	/	/	<=30	Pass
		Inner Full	25.03	/	/	23.53	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	23.85	/	/	<=30	Pass
		Inner 1RB Right	25.00	/	/	23.50	/	/	<=30	Pass
	1765	Edge 1RB Left	24.04	/	/	22.54	/	/	<=30	Pass
		Edge 1RB Right	24.23	/	/	22.73	/	/	<=30	Pass
		Outer Full	23.97	/	/	22.47	/	/	<=30	Pass
		Inner Full	25.08	/	/	23.58	/	/	<=30	Pass
		Inner 1RB Left	25.09	/	/	23.59	/	/	<=30	Pass
		Inner 1RB Right	25.33	/	/	23.83	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1725	Edge 1RB Left	23.02	/	/	21.52	/	/	<=30	Pass
		Edge 1RB Right	23.04	/	/	21.54	/	/	<=30	Pass
		Outer Full	23.03	/	/	21.53	/	/	<=30	Pass
		Inner Full	24.06	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Left	24.01	/	/	22.51	/	/	<=30	Pass
		Inner 1RB Right	24.08	/	/	22.58	/	/	<=30	Pass
	1745	Edge 1RB Left	23.13	/	/	21.63	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	21.32	/	/	<=30	Pass
		Outer Full	22.89	/	/	21.39	/	/	<=30	Pass
		Inner Full	23.97	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Left	24.13	/	/	22.63	/	/	<=30	Pass
		Inner 1RB Right	23.84	/	/	22.34	/	/	<=30	Pass
	1765	Edge 1RB Left	22.86	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	21.51	/	/	<=30	Pass
		Outer Full	22.94	/	/	21.44	/	/	<=30	Pass
		Inner Full	23.80	/	/	22.30	/	/	<=30	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	23.76	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	22.56	/	/	<=30	Pass
	1725	Edge_1RB_Left	22.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	21.18	/	/	<=30	Pass
		Outer_Full	22.55	/	/	21.05	/	/	<=30	Pass
		Inner_Full	22.69	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	21.22	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.79	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	20.95	/	/	<=30	Pass
		Outer_Full	22.53	/	/	21.03	/	/	<=30	Pass
		Inner_Full	22.51	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	22.81	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	20.98	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.52	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	21.27	/	/	<=30	Pass
		Outer_Full	22.45	/	/	20.95	/	/	<=30	Pass
		Inner_Full	22.48	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	21.22	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Edge_1RB_Left	19.96	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Right	20.08	/	/	18.58	/	/	<=30	Pass
		Outer_Full	20.55	/	/	19.05	/	/	<=30	Pass
		Inner_Full	20.62	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	20.04	/	/	18.54	/	/	<=30	Pass
		Inner_1RB_Right	20.17	/	/	18.67	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.01	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	18.49	/	/	<=30	Pass
		Outer_Full	20.42	/	/	18.92	/	/	<=30	Pass
		Inner_Full	20.55	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	20.03	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	19.93	/	/	18.43	/	/	<=30	Pass
	1765	Edge_1RB_Left	19.81	/	/	18.31	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	18.68	/	/	<=30	Pass
		Outer_Full	20.45	/	/	18.95	/	/	<=30	Pass
		Inner_Full	20.49	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	18.34	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	18.72	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	22.11	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	20.76	/	/	<=30	Pass
		Outer_Full	22.13	/	/	20.63	/	/	<=30	Pass
		Inner_Full	23.79	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	22.50	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.19	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	20.59	/	/	<=30	Pass
		Outer_Full	22.08	/	/	20.58	/	/	<=30	Pass
		Inner_Full	23.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	22.18	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.05	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	20.82	/	/	<=30	Pass
		Outer_Full	21.94	/	/	20.44	/	/	<=30	Pass
		Inner_Full	23.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	22.44	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge_1RB_Left	22.08	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	20.51	/	/	<=30	Pass
		Outer_Full	22.16	/	/	20.66	/	/	<=30	Pass

		Inner_Full	23.11	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Left	22.09	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	20.30	/	/	<=30	Pass
		Outer_Full	21.97	/	/	20.47	/	/	<=30	Pass
		Inner_Full	23.03	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	21.43	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.89	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	20.66	/	/	<=30	Pass
		Outer_Full	22.03	/	/	20.53	/	/	<=30	Pass
		Inner_Full	23.01	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	21.74	/	/	<=30	Pass
CP-OFDM 64 QAM	1725	Edge_1RB_Left	21.71	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	20.15	/	/	<=30	Pass
		Outer_Full	21.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	21.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	20.06	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	21.51	/	/	20.01	/	/	<=30	Pass
		Inner_Full	21.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	19.85	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.45	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	20.23	/	/	<=30	Pass
		Outer_Full	21.46	/	/	19.96	/	/	<=30	Pass
		Inner_Full	21.45	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	20.01	/	/	<=30	Pass
CP-OFDM 256 QAM	1725	Edge_1RB_Left	18.13	/	/	16.63	/	/	<=30	Pass
		Edge_1RB_Right	18.24	/	/	16.74	/	/	<=30	Pass
		Outer_Full	18.62	/	/	17.12	/	/	<=30	Pass
		Inner_Full	18.62	/	/	17.12	/	/	<=30	Pass
		Inner_1RB_Left	18.09	/	/	16.59	/	/	<=30	Pass
		Inner_1RB_Right	18.20	/	/	16.70	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.20	/	/	16.70	/	/	<=30	Pass
		Edge_1RB_Right	17.99	/	/	16.49	/	/	<=30	Pass
		Outer_Full	18.51	/	/	17.01	/	/	<=30	Pass
		Inner_Full	18.46	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	18.19	/	/	16.69	/	/	<=30	Pass
		Inner_1RB_Right	17.97	/	/	16.47	/	/	<=30	Pass
	1765	Edge_1RB_Left	17.88	/	/	16.38	/	/	<=30	Pass
		Edge_1RB_Right	18.30	/	/	16.80	/	/	<=30	Pass
		Outer_Full	18.51	/	/	17.01	/	/	<=30	Pass
Inner_Full		18.46	/	/	16.96	/	/	<=30	Pass	
Inner_1RB_Left		17.85	/	/	16.35	/	/	<=30	Pass	
Inner_1RB_Right	18.23	/	/	16.73	/	/	<=30	Pass		
Note1: Antenna Gain: Ant2: -1.50dbi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_35MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 35MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2	Sum	Ant2	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1727.5	Edge_1RB_Left	24.60	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Right	24.51	/	/	23.01	/	/	<=30	Pass
		Outer_Full	24.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	25.28	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	23.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.64	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	24.44	/	/	22.94	/	/	<=30	Pass
		Outer_Full	24.61	/	/	23.11	/	/	<=30	Pass
		Inner_Full	25.23	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	23.44	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	24.38	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	24.64	/	/	23.14	/	/	<=30	Pass
		Outer_Full	24.40	/	/	22.90	/	/	<=30	Pass
		Inner_Full	24.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	25.06	/	/	23.56	/	/	<=30	Pass
DFT-s-OFDM QPSK	1727.5	Edge_1RB_Left	24.12	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Right	24.04	/	/	22.54	/	/	<=30	Pass
		Outer_Full	24.24	/	/	22.74	/	/	<=30	Pass
		Inner_Full	25.29	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	25.02	/	/	23.52	/	/	<=30	Pass
	1745	Edge_1RB_Left	24.18	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	23.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	24.14	/	/	22.64	/	/	<=30	Pass
		Inner_Full	25.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	23.43	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	23.92	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	24.18	/	/	22.68	/	/	<=30	Pass
		Outer_Full	23.92	/	/	22.42	/	/	<=30	Pass
		Inner_Full	24.94	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	23.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1727.5	Edge_1RB_Left	22.98	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	21.37	/	/	<=30	Pass
		Outer_Full	23.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	24.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	22.43	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.08	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	21.28	/	/	<=30	Pass
		Outer_Full	22.91	/	/	21.41	/	/	<=30	Pass
		Inner_Full	23.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	22.36	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	22.87	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	21.49	/	/	<=30	Pass
		Outer_Full	22.83	/	/	21.33	/	/	<=30	Pass
		Inner_Full	23.75	/	/	22.25	/	/	<=30	Pass

DFT-s-OFDM 64 QAM		Inner 1RB Left	23.79	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Right	23.99	/	/	22.49	/	/	<=30	Pass
	1727.5	Edge 1RB Left	22.64	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	20.98	/	/	<=30	Pass
		Outer Full	22.56	/	/	21.06	/	/	<=30	Pass
		Inner Full	22.62	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Left	22.70	/	/	21.20	/	/	<=30	Pass
		Inner 1RB Right	22.49	/	/	20.99	/	/	<=30	Pass
	1745	Edge 1RB Left	22.86	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	20.88	/	/	<=30	Pass
		Outer Full	22.57	/	/	21.07	/	/	<=30	Pass
		Inner Full	22.51	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Left	22.69	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Right	22.39	/	/	20.89	/	/	<=30	Pass
	1762.5	Edge 1RB Left	22.38	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	21.18	/	/	<=30	Pass
		Outer Full	22.39	/	/	20.89	/	/	<=30	Pass
		Inner Full	22.28	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Left	22.44	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Right	22.68	/	/	21.18	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1727.5	Edge 1RB Left	19.86	/	/	18.36	/	/	<=30	Pass
		Edge 1RB Right	19.91	/	/	18.41	/	/	<=30	Pass
		Outer Full	20.47	/	/	18.97	/	/	<=30	Pass
		Inner Full	20.64	/	/	19.14	/	/	<=30	Pass
		Inner 1RB Left	19.80	/	/	18.30	/	/	<=30	Pass
		Inner 1RB Right	19.89	/	/	18.39	/	/	<=30	Pass
	1745	Edge 1RB Left	19.94	/	/	18.44	/	/	<=30	Pass
		Edge 1RB Right	19.87	/	/	18.37	/	/	<=30	Pass
		Outer Full	20.53	/	/	19.03	/	/	<=30	Pass
		Inner Full	20.51	/	/	19.01	/	/	<=30	Pass
		Inner 1RB Left	19.95	/	/	18.45	/	/	<=30	Pass
		Inner 1RB Right	19.90	/	/	18.40	/	/	<=30	Pass
	1762.5	Edge 1RB Left	19.72	/	/	18.22	/	/	<=30	Pass
		Edge 1RB Right	20.09	/	/	18.59	/	/	<=30	Pass
		Outer Full	20.37	/	/	18.87	/	/	<=30	Pass
		Inner Full	20.26	/	/	18.76	/	/	<=30	Pass
		Inner 1RB Left	19.72	/	/	18.22	/	/	<=30	Pass
		Inner 1RB Right	20.02	/	/	18.52	/	/	<=30	Pass
CP-OFDM QPSK	1727.5	Edge 1RB Left	22.09	/	/	20.59	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	20.58	/	/	<=30	Pass
		Outer Full	22.13	/	/	20.63	/	/	<=30	Pass
		Inner Full	23.73	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Left	23.82	/	/	22.32	/	/	<=30	Pass
		Inner 1RB Right	23.82	/	/	22.32	/	/	<=30	Pass
	1745	Edge 1RB Left	22.26	/	/	20.76	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	20.46	/	/	<=30	Pass
		Outer Full	22.03	/	/	20.53	/	/	<=30	Pass
		Inner Full	23.63	/	/	22.13	/	/	<=30	Pass
		Inner 1RB Left	23.89	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Right	23.67	/	/	22.17	/	/	<=30	Pass
	1762.5	Edge 1RB Left	21.88	/	/	20.38	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	20.71	/	/	<=30	Pass
		Outer Full	21.86	/	/	20.36	/	/	<=30	Pass
		Inner Full	23.50	/	/	22.00	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Right	23.79	/	/	22.29	/	/	<=30	Pass
CP-OFDM 16 QAM	1727.5	Edge 1RB Left	22.04	/	/	20.54	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	20.37	/	/	<=30	Pass
		Outer Full	22.11	/	/	20.61	/	/	<=30	Pass

		Inner_Full	23.19	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	21.76	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.10	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	20.20	/	/	<=30	Pass
		Outer_Full	22.01	/	/	20.51	/	/	<=30	Pass
		Inner_Full	23.10	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	21.23	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	21.90	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	20.49	/	/	<=30	Pass
		Outer_Full	21.78	/	/	20.28	/	/	<=30	Pass
		Inner_Full	22.96	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	21.73	/	/	<=30	Pass
CP-OFDM 64 QAM	1727.5	Edge_1RB_Left	21.65	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	21.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	21.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	20.07	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	20.00	/	/	<=30	Pass
		Outer_Full	21.52	/	/	20.02	/	/	<=30	Pass
		Inner_Full	21.44	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	19.88	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	21.44	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	20.14	/	/	<=30	Pass
		Outer_Full	21.39	/	/	19.89	/	/	<=30	Pass
		Inner_Full	21.31	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	20.00	/	/	<=30	Pass
CP-OFDM 256 QAM	1727.5	Edge_1RB_Left	18.08	/	/	16.58	/	/	<=30	Pass
		Edge_1RB_Right	18.09	/	/	16.59	/	/	<=30	Pass
		Outer_Full	18.61	/	/	17.11	/	/	<=30	Pass
		Inner_Full	18.58	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Left	18.05	/	/	16.55	/	/	<=30	Pass
		Inner_1RB_Right	18.13	/	/	16.63	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.19	/	/	16.69	/	/	<=30	Pass
		Edge_1RB_Right	17.97	/	/	16.47	/	/	<=30	Pass
		Outer_Full	18.46	/	/	16.96	/	/	<=30	Pass
		Inner_Full	18.47	/	/	16.97	/	/	<=30	Pass
		Inner_1RB_Left	18.19	/	/	16.69	/	/	<=30	Pass
		Inner_1RB_Right	18.03	/	/	16.53	/	/	<=30	Pass
	1762.5	Edge_1RB_Left	17.93	/	/	16.43	/	/	<=30	Pass
		Edge_1RB_Right	18.10	/	/	16.60	/	/	<=30	Pass
		Outer_Full	18.36	/	/	16.86	/	/	<=30	Pass
Inner_Full		18.29	/	/	16.79	/	/	<=30	Pass	
Inner_1RB_Left		17.90	/	/	16.40	/	/	<=30	Pass	
Inner_1RB_Right	18.19	/	/	16.69	/	/	<=30	Pass		
Note1: Antenna Gain: Ant2: -1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 15k_SISO_40MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2	Sum	Ant2	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1730	Edge 1RB Left	24.54	/	/	23.04	/	/	<=30	Pass
		Edge 1RB Right	24.41	/	/	22.91	/	/	<=30	Pass
		Outer Full	24.63	/	/	23.13	/	/	<=30	Pass
		Inner Full	25.21	/	/	23.71	/	/	<=30	Pass
		Inner 1RB Left	25.19	/	/	23.69	/	/	<=30	Pass
		Inner 1RB Right	25.07	/	/	23.57	/	/	<=30	Pass
	1745	Edge 1RB Left	24.71	/	/	23.21	/	/	<=30	Pass
		Edge 1RB Right	24.46	/	/	22.96	/	/	<=30	Pass
		Outer Full	24.65	/	/	23.15	/	/	<=30	Pass
		Inner Full	25.11	/	/	23.61	/	/	<=30	Pass
		Inner 1RB Left	25.17	/	/	23.67	/	/	<=30	Pass
		Inner 1RB Right	24.92	/	/	23.42	/	/	<=30	Pass
	1760	Edge 1RB Left	24.54	/	/	23.04	/	/	<=30	Pass
		Edge 1RB Right	24.61	/	/	23.11	/	/	<=30	Pass
		Outer Full	24.49	/	/	22.99	/	/	<=30	Pass
		Inner Full	24.99	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	25.10	/	/	23.60	/	/	<=30	Pass
		Inner 1RB Right	25.33	/	/	23.83	/	/	<=30	Pass
DFT-s-OFDM QPSK	1730	Edge 1RB Left	24.09	/	/	22.59	/	/	<=30	Pass
		Edge 1RB Right	23.88	/	/	22.38	/	/	<=30	Pass
		Outer Full	24.19	/	/	22.69	/	/	<=30	Pass
		Inner Full	25.21	/	/	23.71	/	/	<=30	Pass
		Inner 1RB Left	25.20	/	/	23.70	/	/	<=30	Pass
		Inner 1RB Right	25.12	/	/	23.62	/	/	<=30	Pass
	1745	Edge 1RB Left	24.22	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Right	23.90	/	/	22.40	/	/	<=30	Pass
		Outer Full	24.19	/	/	22.69	/	/	<=30	Pass
		Inner Full	25.08	/	/	23.58	/	/	<=30	Pass
		Inner 1RB Left	25.20	/	/	23.70	/	/	<=30	Pass
		Inner 1RB Right	24.91	/	/	23.41	/	/	<=30	Pass
	1760	Edge 1RB Left	24.05	/	/	22.55	/	/	<=30	Pass
		Edge 1RB Right	24.11	/	/	22.61	/	/	<=30	Pass
		Outer Full	24.17	/	/	22.67	/	/	<=30	Pass
		Inner Full	25.02	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Left	25.07	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Right	25.16	/	/	23.66	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1730	Edge 1RB Left	23.04	/	/	21.54	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	21.30	/	/	<=30	Pass
		Outer Full	22.98	/	/	21.48	/	/	<=30	Pass
		Inner Full	24.02	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Left	23.98	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Right	23.78	/	/	22.28	/	/	<=30	Pass
	1745	Edge 1RB Left	23.08	/	/	21.58	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	21.37	/	/	<=30	Pass
		Outer Full	22.94	/	/	21.44	/	/	<=30	Pass
		Inner Full	23.99	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	24.11	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Right	23.87	/	/	22.37	/	/	<=30	Pass
	1760	Edge 1RB Left	22.92	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	21.51	/	/	<=30	Pass
		Outer Full	22.86	/	/	21.36	/	/	<=30	Pass
		Inner Full	23.71	/	/	22.21	/	/	<=30	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	23.90	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	22.51	/	/	<=30	Pass
	1730	Edge_1RB_Left	22.53	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	20.96	/	/	<=30	Pass
		Outer_Full	22.58	/	/	21.08	/	/	<=30	Pass
		Inner_Full	22.59	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	20.98	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.70	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	20.97	/	/	<=30	Pass
		Outer_Full	22.44	/	/	20.94	/	/	<=30	Pass
		Inner_Full	22.41	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	20.96	/	/	<=30	Pass
	1760	Edge_1RB_Left	22.64	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	21.21	/	/	<=30	Pass
		Outer_Full	22.34	/	/	20.84	/	/	<=30	Pass
		Inner_Full	22.29	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	21.06	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1730	Edge_1RB_Left	19.95	/	/	18.45	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	18.32	/	/	<=30	Pass
		Outer_Full	20.58	/	/	19.08	/	/	<=30	Pass
		Inner_Full	20.50	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	19.88	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	18.34	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.01	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	18.28	/	/	<=30	Pass
		Outer_Full	20.47	/	/	18.97	/	/	<=30	Pass
		Inner_Full	20.49	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	20.02	/	/	18.52	/	/	<=30	Pass
		Inner_1RB_Right	19.91	/	/	18.41	/	/	<=30	Pass
	1760	Edge_1RB_Left	19.86	/	/	18.36	/	/	<=30	Pass
		Edge_1RB_Right	20.00	/	/	18.50	/	/	<=30	Pass
		Outer_Full	20.44	/	/	18.94	/	/	<=30	Pass
		Inner_Full	20.30	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Left	19.85	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Right	20.03	/	/	18.53	/	/	<=30	Pass
CP-OFDM QPSK	1730	Edge_1RB_Left	22.02	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	20.49	/	/	<=30	Pass
		Outer_Full	22.07	/	/	20.57	/	/	<=30	Pass
		Inner_Full	23.69	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	22.13	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.20	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	20.43	/	/	<=30	Pass
		Outer_Full	22.05	/	/	20.55	/	/	<=30	Pass
		Inner_Full	23.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	22.13	/	/	<=30	Pass
	1760	Edge_1RB_Left	22.11	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	20.66	/	/	<=30	Pass
		Outer_Full	22.00	/	/	20.50	/	/	<=30	Pass
		Inner_Full	23.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	22.32	/	/	<=30	Pass
CP-OFDM 16 QAM	1730	Edge_1RB_Left	21.96	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	22.09	/	/	20.59	/	/	<=30	Pass

		Inner_Full	23.24	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Left	22.07	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	20.30	/	/	<=30	Pass
		Outer_Full	22.03	/	/	20.53	/	/	<=30	Pass
		Inner_Full	22.99	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	21.50	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.89	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	20.51	/	/	<=30	Pass
		Outer_Full	21.85	/	/	20.35	/	/	<=30	Pass
		Inner_Full	22.89	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	21.61	/	/	<=30	Pass
CP-OFDM 64 QAM	1730	Edge_1RB_Left	21.51	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	21.54	/	/	20.04	/	/	<=30	Pass
		Inner_Full	21.67	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	19.97	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	21.45	/	/	19.95	/	/	<=30	Pass
		Inner_Full	21.52	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	19.92	/	/	<=30	Pass
	1760	Edge_1RB_Left	21.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	20.12	/	/	<=30	Pass
		Outer_Full	21.41	/	/	19.91	/	/	<=30	Pass
Inner_Full		21.46	/	/	19.96	/	/	<=30	Pass	
Inner_1RB_Left		21.56	/	/	20.06	/	/	<=30	Pass	
Inner_1RB_Right		21.63	/	/	20.13	/	/	<=30	Pass	
CP-OFDM 256 QAM	1730	Edge_1RB_Left	18.00	/	/	16.50	/	/	<=30	Pass
		Edge_1RB_Right	17.87	/	/	16.37	/	/	<=30	Pass
		Outer_Full	18.52	/	/	17.02	/	/	<=30	Pass
		Inner_Full	18.67	/	/	17.17	/	/	<=30	Pass
		Inner_1RB_Left	17.92	/	/	16.42	/	/	<=30	Pass
		Inner_1RB_Right	17.91	/	/	16.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.06	/	/	16.56	/	/	<=30	Pass
		Edge_1RB_Right	17.97	/	/	16.47	/	/	<=30	Pass
		Outer_Full	18.59	/	/	17.09	/	/	<=30	Pass
		Inner_Full	18.53	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Left	18.07	/	/	16.57	/	/	<=30	Pass
		Inner_1RB_Right	18.00	/	/	16.50	/	/	<=30	Pass
	1760	Edge_1RB_Left	17.95	/	/	16.45	/	/	<=30	Pass
		Edge_1RB_Right	18.12	/	/	16.62	/	/	<=30	Pass
		Outer_Full	18.39	/	/	16.89	/	/	<=30	Pass
Inner_Full		18.35	/	/	16.85	/	/	<=30	Pass	
Inner_1RB_Left		17.93	/	/	16.43	/	/	<=30	Pass	
Inner_1RB_Right	18.08	/	/	16.58	/	/	<=30	Pass		
Note1: Antenna Gain: Ant2: -1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 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	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
				HV	1.60	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-9.20	-0.0053	>=-2.5 & <=2.5	Pass
			-10	NV	-10.70	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	-6.40	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	1.00	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-7.90	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-7.20	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-6.60	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0030	>=-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	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-3.00	-0.0017	>=-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	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0044	>=-2.5 & <=2.5	Pass

			-20	NV	-2.40	-0.0014	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.80	-0.0056	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.20	-0.0024	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0010	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.70	-0.0044	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.30	-0.0025	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.00	-0.0017	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.40	-0.0025	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-6.70	-0.0038	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.50	-0.0009	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.30	-0.0036	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.20	-0.0018	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.80	-0.0039	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.70	-0.0021	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.30	-0.0042	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-10.40	-0.0060	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.60	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.90	-0.0034	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-8.10	-0.0046	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-4.40	-0.0025	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.80	-0.0022	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.10	-0.0023	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.60	-0.0021	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-8.30	-0.0048	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.30	-0.0019	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.60	-0.0026	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.50	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.10	-0.0023	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.00	-0.0017	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.90	-0.0034	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-4.00	-0.0023	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.90	-0.0028	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.10	-0.0018	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.70	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.20	-0.0036	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.00	-0.0034	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.30	-0.0025	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.00	-0.0023	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.10	-0.0035	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.00	-0.0006	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.80	-0.0022	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-0.70	-0.0004	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.20	-0.0013	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.80	-0.0050	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.50	-0.0026	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.90	-0.0028	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.40	-0.0048	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.30	-0.0019	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.80	-0.0022	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-7.60	-0.0044	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.50	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.70	-0.0015	$>=-2.5 \ \& \ \leq 2.5$	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n66 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1712.5	Outer_Full	4.55	5.28	/	Pass
	1745	Outer_Full	4.56	5.28	/	Pass
	1777.5	Outer_Full	4.55	5.25	/	Pass
DFT-s-OFDM QPSK	1712.5	Outer_Full	4.53	5.19	/	Pass
	1745	Outer_Full	4.52	5.22	/	Pass
	1777.5	Outer_Full	4.53	5.24	/	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer_Full	4.57	5.30	/	Pass
	1745	Outer_Full	4.57	5.30	/	Pass
	1777.5	Outer_Full	4.57	5.33	/	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer_Full	4.55	5.21	/	Pass
	1745	Outer_Full	4.56	5.24	/	Pass
	1777.5	Outer_Full	4.56	5.22	/	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer_Full	4.54	5.27	/	Pass
	1745	Outer_Full	4.53	5.28	/	Pass
	1777.5	Outer_Full	4.54	5.28	/	Pass
CP-OFDM QPSK	1712.5	Outer_Full	4.58	5.34	/	Pass
	1745	Outer_Full	4.58	5.35	/	Pass
	1777.5	Outer_Full	4.57	5.36	/	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	4.57	5.34	/	Pass
	1745	Outer_Full	4.56	5.27	/	Pass
	1777.5	Outer_Full	4.55	5.35	/	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	4.58	5.33	/	Pass
	1745	Outer_Full	4.57	5.34	/	Pass
	1777.5	Outer_Full	4.58	5.28	/	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	4.55	5.38	/	Pass
	1745	Outer_Full	4.54	5.39	/	Pass
	1777.5	Outer_Full	4.55	5.38	/	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	9.03	9.96	/	Pass
	1745	Outer_Full	9.04	9.97	/	Pass
	1775	Outer_Full	9.04	9.91	/	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	9.06	9.99	/	Pass
	1745	Outer_Full	9.07	9.98	/	Pass
	1775	Outer_Full	9.07	10.09	/	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	9.06	10.01	/	Pass
	1745	Outer_Full	9.07	9.98	/	Pass
	1775	Outer_Full	9.06	10.03	/	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	9.03	9.96	/	Pass
	1745	Outer_Full	9.04	9.99	/	Pass
	1775	Outer_Full	9.04	9.99	/	Pass

DFT-s-OFDM 256 QAM	1715	Outer_Full	9.06	10.07	/	Pass
	1745	Outer_Full	9.06	9.95	/	Pass
	1775	Outer_Full	9.05	10.08	/	Pass
CP-OFDM QPSK	1715	Outer_Full	9.37	10.43	/	Pass
	1745	Outer_Full	9.38	10.48	/	Pass
	1775	Outer_Full	9.37	10.43	/	Pass
CP-OFDM 16 QAM	1715	Outer_Full	9.37	10.40	/	Pass
	1745	Outer_Full	9.38	10.45	/	Pass
	1775	Outer_Full	9.38	10.39	/	Pass
CP-OFDM 64 QAM	1715	Outer_Full	9.35	10.32	/	Pass
	1745	Outer_Full	9.35	10.38	/	Pass
	1775	Outer_Full	9.40	10.45	/	Pass
CP-OFDM 256 QAM	1715	Outer_Full	9.37	10.37	/	Pass
	1745	Outer_Full	9.40	10.42	/	Pass
	1775	Outer_Full	9.41	10.47	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n66 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1717.5	Outer_Full	13.55	14.71	/	Pass
	1745	Outer_Full	13.58	14.78	/	Pass
	1772.5	Outer_Full	13.57	14.75	/	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	13.58	14.71	/	Pass
	1745	Outer_Full	13.60	14.81	/	Pass
	1772.5	Outer_Full	13.59	14.88	/	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	13.64	14.81	/	Pass
	1745	Outer_Full	13.66	14.92	/	Pass
	1772.5	Outer_Full	13.64	14.81	/	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	13.53	14.76	/	Pass
	1745	Outer_Full	13.56	14.84	/	Pass
	1772.5	Outer_Full	13.55	14.79	/	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	13.55	14.73	/	Pass
	1745	Outer_Full	13.59	14.77	/	Pass
	1772.5	Outer_Full	13.59	14.84	/	Pass
CP-OFDM QPSK	1717.5	Outer_Full	14.20	15.52	/	Pass
	1745	Outer_Full	14.24	15.58	/	Pass
	1772.5	Outer_Full	14.22	15.50	/	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	14.24	15.56	/	Pass
	1745	Outer_Full	14.26	15.52	/	Pass
	1772.5	Outer_Full	14.23	15.59	/	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	14.28	15.56	/	Pass
	1745	Outer_Full	14.31	15.54	/	Pass
	1772.5	Outer_Full	14.28	15.56	/	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	14.20	15.47	/	Pass
	1745	Outer_Full	14.24	15.56	/	Pass
	1772.5	Outer_Full	14.26	15.62	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	18.00	19.50	/	Pass
	1745	Outer_Full	18.06	19.57	/	Pass

	1770	Outer_Full	18.07	19.52	/	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	18.01	19.61	/	Pass
	1745	Outer_Full	18.06	19.72	/	Pass
	1770	Outer_Full	18.03	19.57	/	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	18.00	19.50	/	Pass
	1745	Outer_Full	18.04	19.54	/	Pass
	1770	Outer_Full	18.01	19.52	/	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	18.00	19.57	/	Pass
	1745	Outer_Full	18.05	19.48	/	Pass
	1770	Outer_Full	18.04	19.51	/	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	18.03	19.41	/	Pass
	1745	Outer_Full	18.09	19.43	/	Pass
	1770	Outer_Full	18.05	19.41	/	Pass
CP-OFDM QPSK	1720	Outer_Full	19.00	20.53	/	Pass
	1745	Outer_Full	19.08	20.59	/	Pass
	1770	Outer_Full	19.02	20.65	/	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.05	20.63	/	Pass
	1745	Outer_Full	19.11	20.74	/	Pass
	1770	Outer_Full	19.08	20.76	/	Pass
CP-OFDM 64 QAM	1720	Outer_Full	19.09	20.54	/	Pass
	1745	Outer_Full	19.14	20.57	/	Pass
	1770	Outer_Full	19.11	20.63	/	Pass
CP-OFDM 256 QAM	1720	Outer_Full	19.14	20.63	/	Pass
	1745	Outer_Full	19.18	20.68	/	Pass
	1770	Outer_Full	19.16	20.75	/	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	23.06	24.70	/	Pass
	1745	Outer_Full	23.16	24.82	/	Pass
	1767.5	Outer_Full	23.15	24.75	/	Pass
DFT-s-OFDM QPSK	1722.5	Outer_Full	23.13	24.78	/	Pass
	1745	Outer_Full	23.23	24.89	/	Pass
	1767.5	Outer_Full	23.17	24.82	/	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	23.07	24.83	/	Pass
	1745	Outer_Full	23.15	24.81	/	Pass
	1767.5	Outer_Full	23.10	24.87	/	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer_Full	23.01	24.72	/	Pass
	1745	Outer_Full	23.10	24.78	/	Pass
	1767.5	Outer_Full	23.08	24.75	/	Pass
DFT-s-OFDM 256 QAM	1722.5	Outer_Full	23.04	24.71	/	Pass
	1745	Outer_Full	23.13	24.82	/	Pass
	1767.5	Outer_Full	23.11	24.76	/	Pass
CP-OFDM QPSK	1722.5	Outer_Full	23.88	25.62	/	Pass
	1745	Outer_Full	23.95	25.77	/	Pass
	1767.5	Outer_Full	23.91	25.70	/	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	23.92	25.63	/	Pass
	1745	Outer_Full	23.96	25.67	/	Pass
	1767.5	Outer_Full	23.93	25.76	/	Pass
CP-OFDM 64 QAM	1722.5	Outer_Full	23.88	25.76	/	Pass
	1745	Outer_Full	23.98	25.84	/	Pass
	1767.5	Outer_Full	23.92	25.83	/	Pass
CP-OFDM 256 QAM	1722.5	Outer_Full	23.89	25.62	/	Pass
	1745	Outer_Full	23.99	32.88	/	Pass
	1767.5	Outer_Full	23.96	25.64	/	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	28.78	30.80	/	Pass
	1745	Outer_Full	28.96	30.94	/	Pass
	1765	Outer_Full	28.89	30.85	/	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	28.82	30.85	/	Pass
	1745	Outer_Full	28.89	31.05	/	Pass
	1765	Outer_Full	28.84	30.86	/	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	28.78	30.80	/	Pass
	1745	Outer_Full	28.89	30.86	/	Pass
	1765	Outer_Full	28.84	30.83	/	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	28.75	30.79	/	Pass
	1745	Outer_Full	28.87	30.89	/	Pass
	1765	Outer_Full	28.77	30.86	/	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	28.77	30.92	/	Pass
	1745	Outer_Full	28.80	31.04	/	Pass
	1765	Outer_Full	28.86	31.30	/	Pass
CP-OFDM QPSK	1725	Outer_Full	28.71	30.82	/	Pass
	1745	Outer_Full	28.83	30.92	/	Pass
	1765	Outer_Full	28.80	30.85	/	Pass
CP-OFDM 16 QAM	1725	Outer_Full	28.71	30.83	/	Pass
	1745	Outer_Full	28.88	31.42	/	Pass
	1765	Outer_Full	28.80	30.95	/	Pass
CP-OFDM 64 QAM	1725	Outer_Full	28.73	30.90	/	Pass
	1745	Outer_Full	28.84	32.34	/	Pass
	1765	Outer_Full	28.79	31.70	/	Pass
CP-OFDM 256 QAM	1725	Outer_Full	28.66	34.08	/	Pass
	1745	Outer_Full	28.82	34.48	/	Pass
	1765	Outer_Full	28.76	30.90	/	Pass

3.1.7 15k_SISO_35MHz_NTNV

5G NR n66 SCS=15kHz SISO 35MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1727.5	Outer_Full	32.45	35.01	/	Pass
	1745	Outer_Full	32.62	34.89	/	Pass
	1762.5	Outer_Full	32.49	34.88	/	Pass
DFT-s-OFDM QPSK	1727.5	Outer_Full	32.45	34.93	/	Pass
	1745	Outer_Full	32.66	34.98	/	Pass
	1762.5	Outer_Full	32.58	34.91	/	Pass
DFT-s-OFDM 16 QAM	1727.5	Outer_Full	32.45	34.79	/	Pass
	1745	Outer_Full	32.54	34.85	/	Pass
	1762.5	Outer_Full	32.48	34.83	/	Pass
DFT-s-OFDM 64 QAM	1727.5	Outer_Full	32.40	34.78	/	Pass
	1745	Outer_Full	32.55	34.84	/	Pass
	1762.5	Outer_Full	32.49	34.82	/	Pass
DFT-s-OFDM 256 QAM	1727.5	Outer_Full	32.34	34.85	/	Pass
	1745	Outer_Full	32.47	34.86	/	Pass
	1762.5	Outer_Full	32.38	34.85	/	Pass
CP-OFDM QPSK	1727.5	Outer_Full	33.87	36.28	/	Pass
	1745	Outer_Full	33.97	36.36	/	Pass

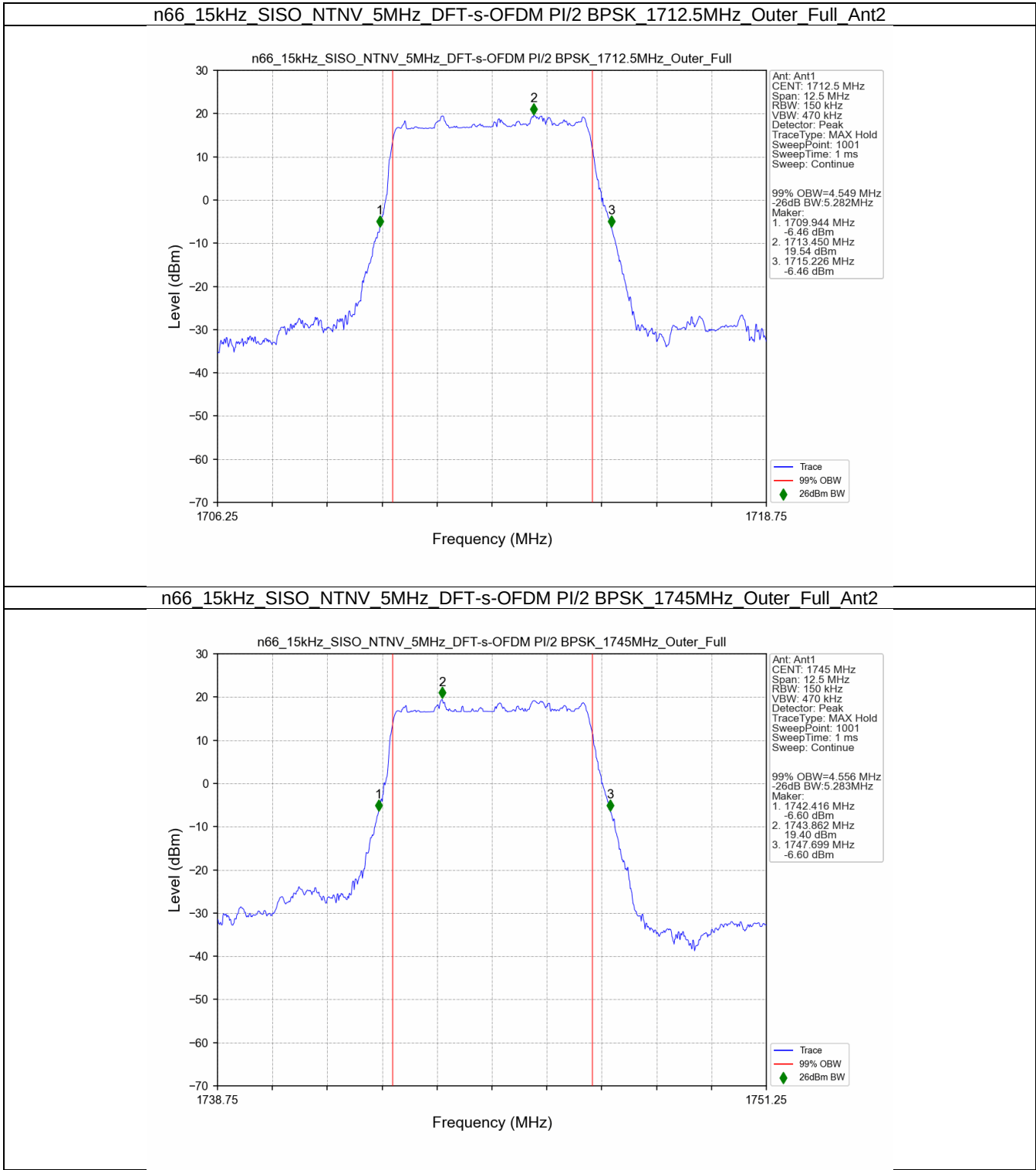
	1762.5	Outer_Full	33.91	36.34	/	Pass
CP-OFDM 16 QAM	1727.5	Outer_Full	33.84	36.24	/	Pass
	1745	Outer_Full	33.90	36.34	/	Pass
	1762.5	Outer_Full	33.86	36.42	/	Pass
CP-OFDM 64 QAM	1727.5	Outer_Full	33.88	36.40	/	Pass
	1745	Outer_Full	34.00	37.43	/	Pass
	1762.5	Outer_Full	33.92	36.39	/	Pass
CP-OFDM 256 QAM	1727.5	Outer_Full	33.77	36.21	/	Pass
	1745	Outer_Full	33.90	36.24	/	Pass
	1762.5	Outer_Full	33.84	36.23	/	Pass

3.1.8 15k_SISO_40MHz_NTNV

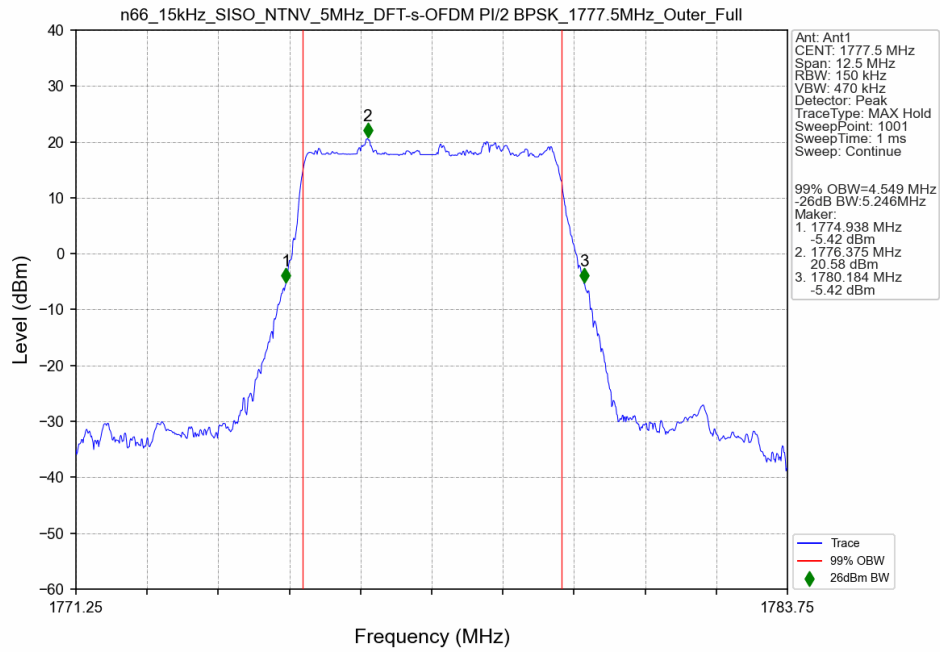
5G NR n66 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1730	Outer_Full	38.79	41.52	/	Pass
	1745	Outer_Full	38.94	41.61	/	Pass
	1760	Outer_Full	38.81	41.59	/	Pass
DFT-s-OFDM QPSK	1730	Outer_Full	39.01	41.61	/	Pass
	1745	Outer_Full	39.04	41.77	/	Pass
	1760	Outer_Full	39.09	41.82	/	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	38.84	41.55	/	Pass
	1745	Outer_Full	38.97	41.63	/	Pass
	1760	Outer_Full	38.87	41.60	/	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	38.78	41.44	/	Pass
	1745	Outer_Full	38.91	41.44	/	Pass
	1760	Outer_Full	38.82	41.42	/	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	38.89	41.56	/	Pass
	1745	Outer_Full	39.03	41.59	/	Pass
	1760	Outer_Full	38.88	41.62	/	Pass
CP-OFDM QPSK	1730	Outer_Full	38.80	41.52	/	Pass
	1745	Outer_Full	38.95	41.57	/	Pass
	1760	Outer_Full	38.85	41.58	/	Pass
CP-OFDM 16 QAM	1730	Outer_Full	38.73	41.56	/	Pass
	1745	Outer_Full	38.89	41.62	/	Pass
	1760	Outer_Full	38.69	41.55	/	Pass
CP-OFDM 64 QAM	1730	Outer_Full	38.97	41.48	/	Pass
	1745	Outer_Full	39.08	41.66	/	Pass
	1760	Outer_Full	39.02	41.50	/	Pass
CP-OFDM 256 QAM	1730	Outer_Full	38.83	41.53	/	Pass
	1745	Outer_Full	38.91	41.59	/	Pass
	1760	Outer_Full	38.84	41.50	/	Pass

3.2 Test Graph

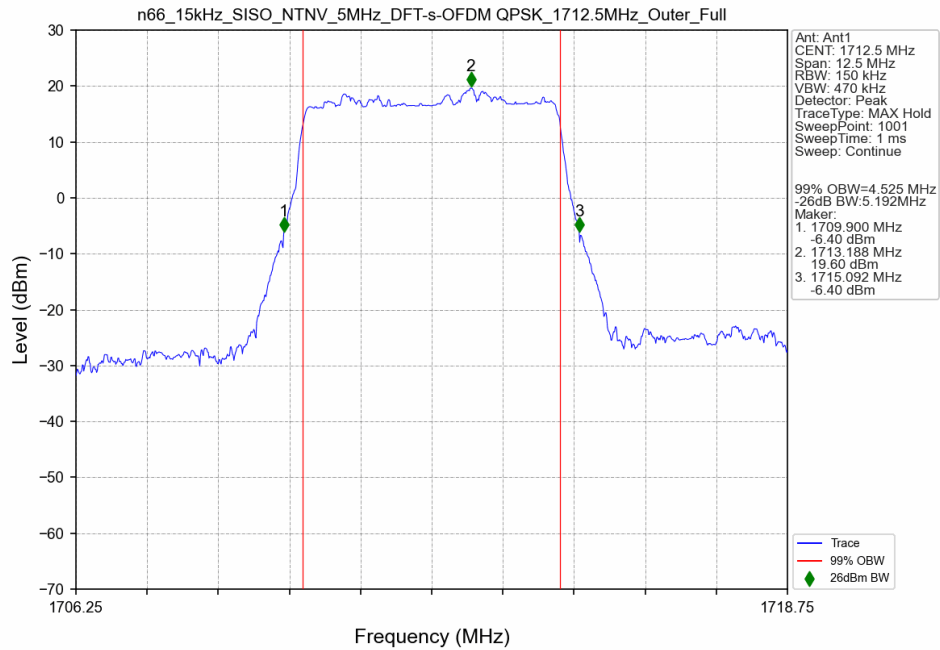
3.2.1 15k_SISO_5MHz_NTNV



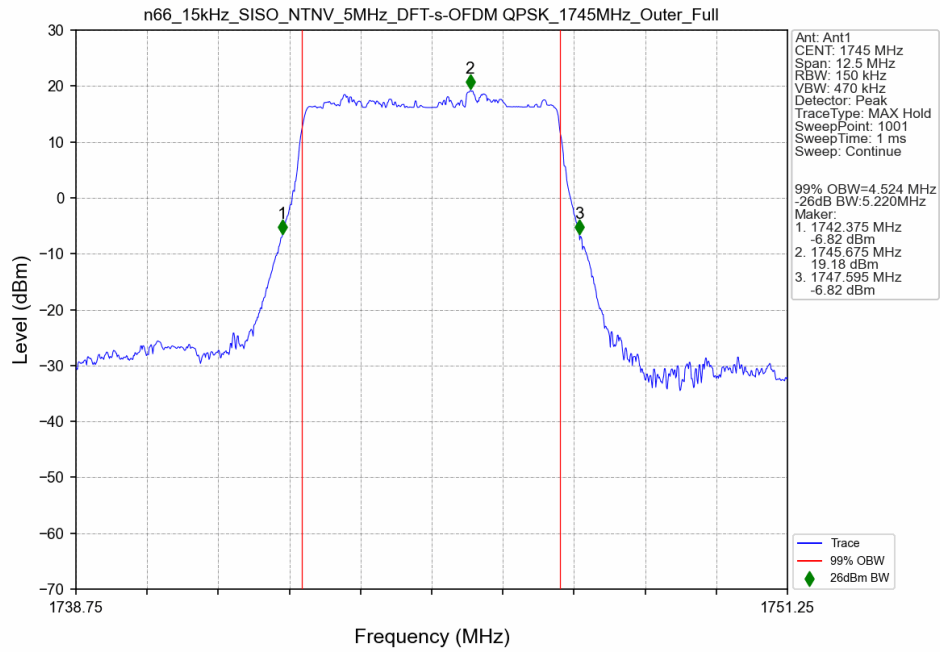
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1777.5MHz_Outer_Full_Ant2



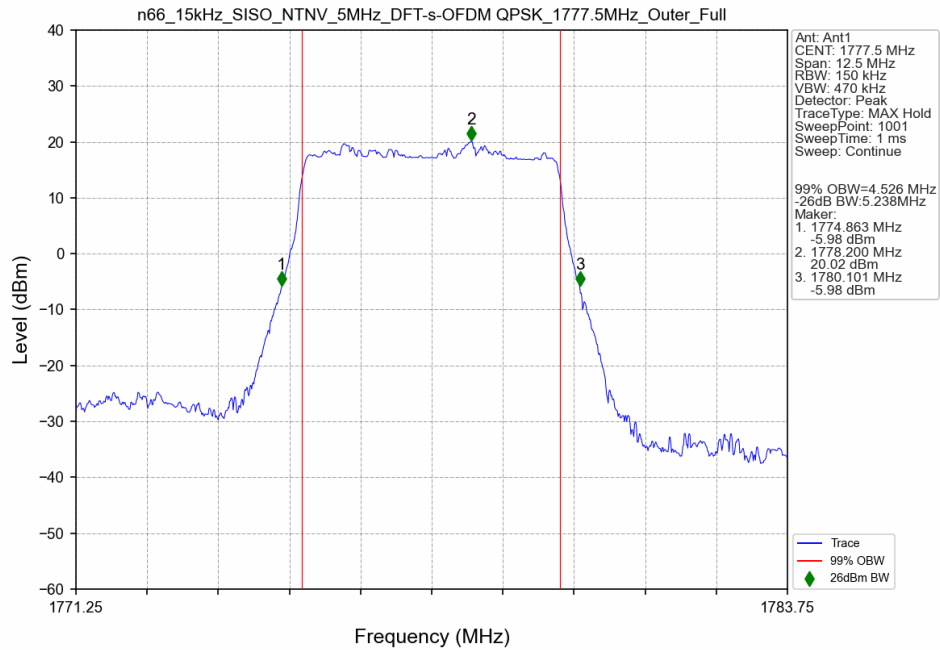
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1712.5MHz_Outer_Full_Ant2



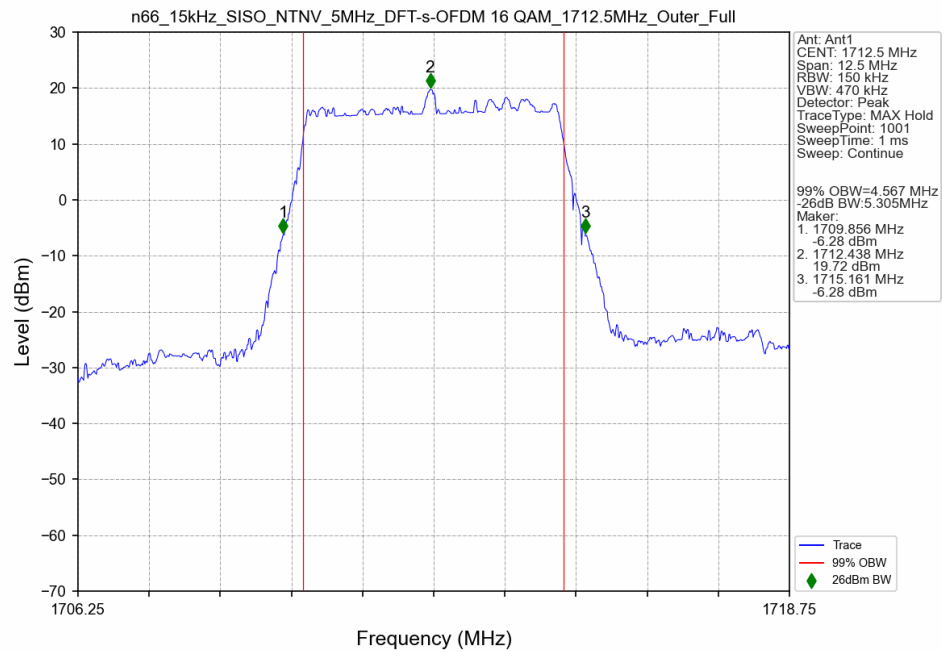
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1745MHz_Outer_Full_Ant2



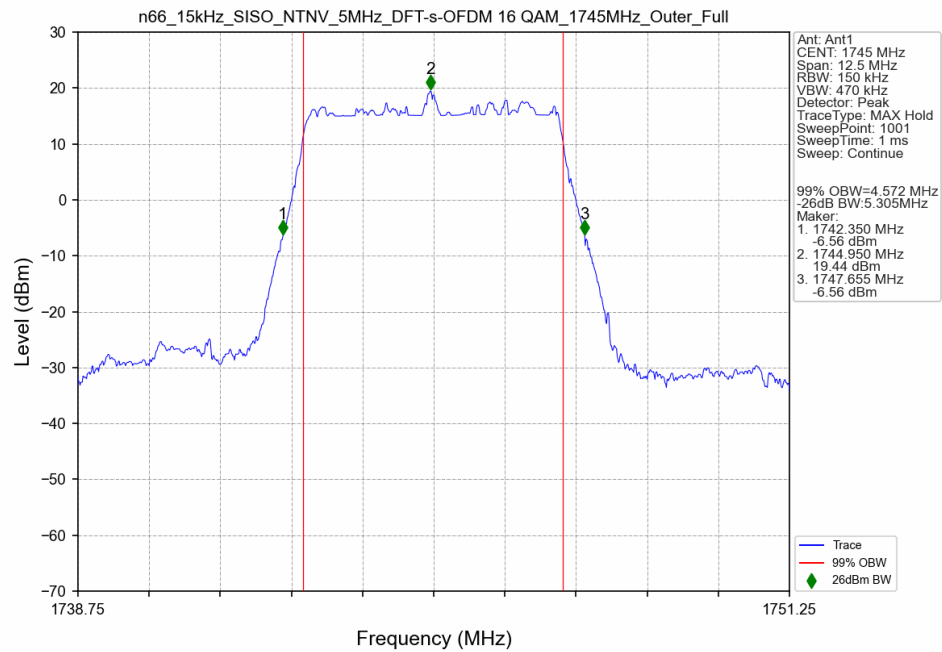
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1777.5MHz_Outer_Full_Ant2



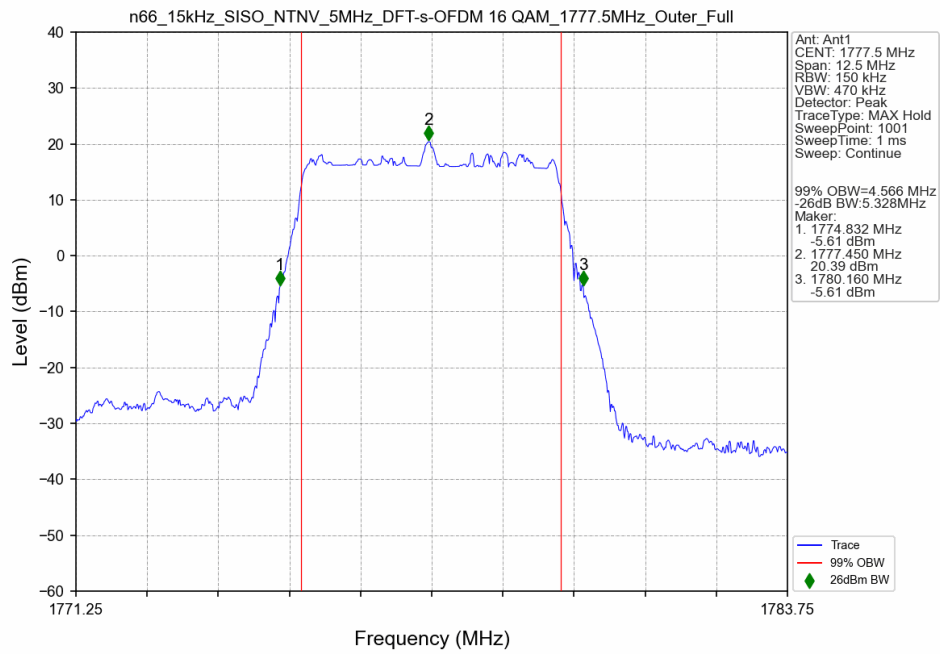
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1712.5MHz_Outer_Full_Ant2



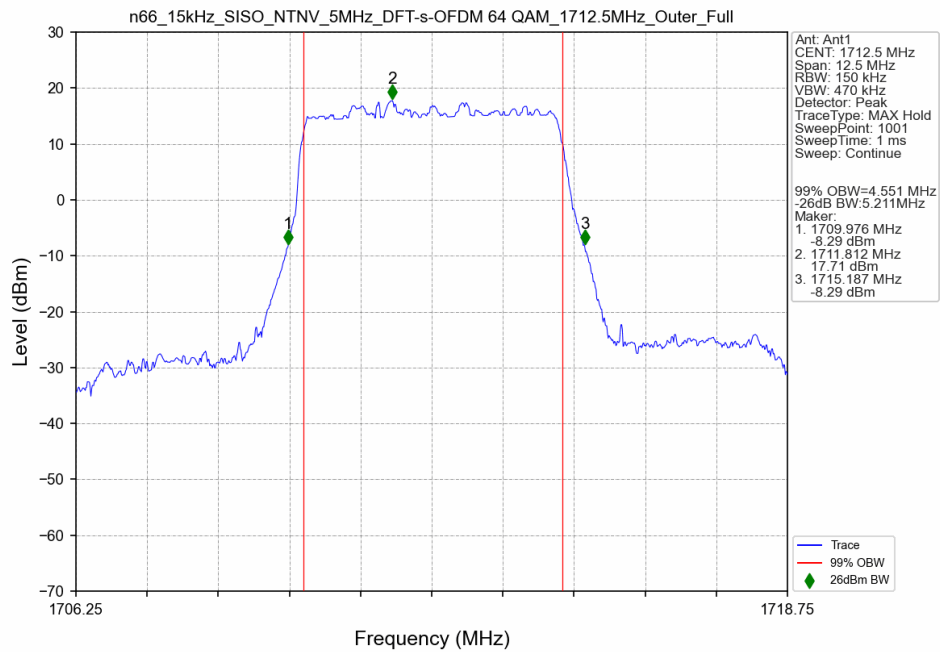
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1745MHz_Outer_Full_Ant2



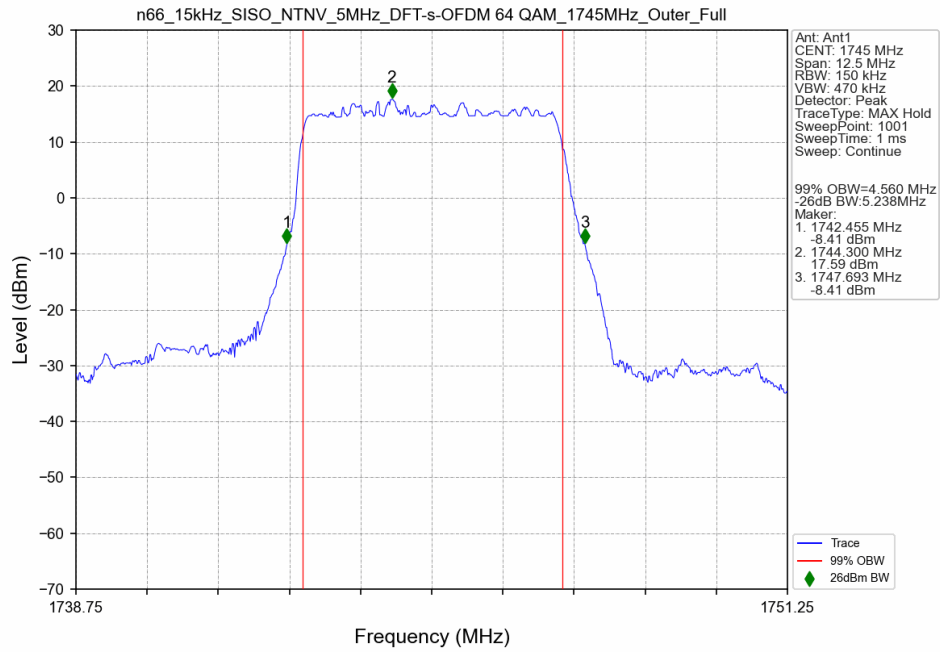
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_1777.5MHz_Outer_Full_Ant2



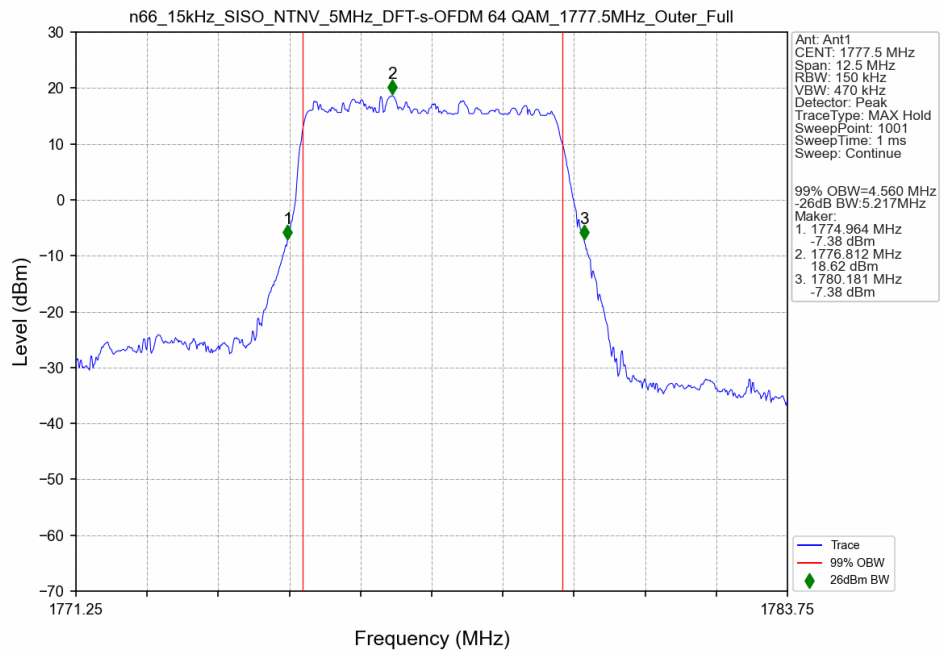
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1712.5MHz_Outer_Full_Ant2



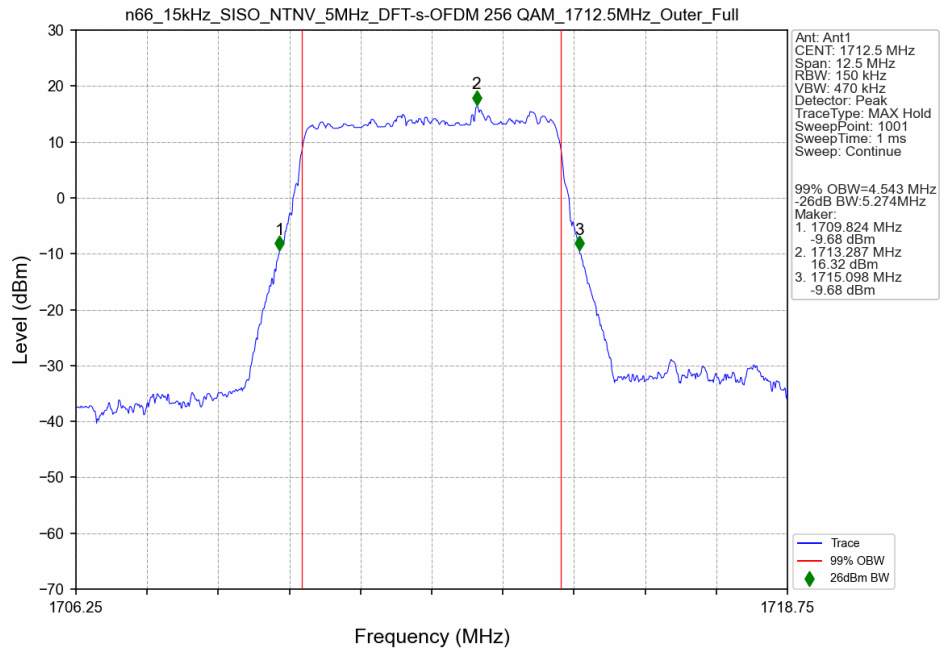
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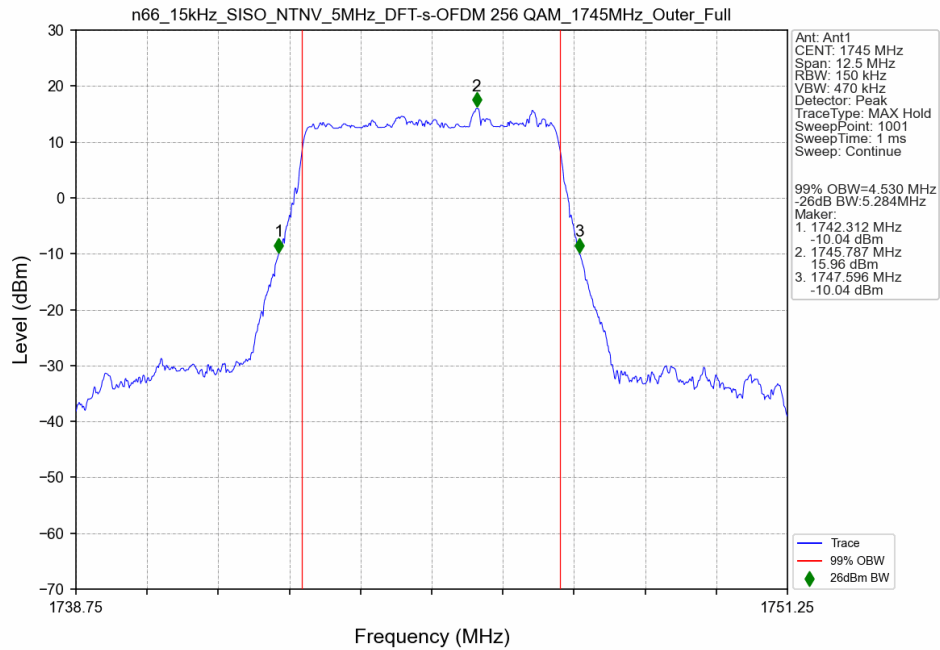
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1777.5MHz_Outer_Full_Ant2



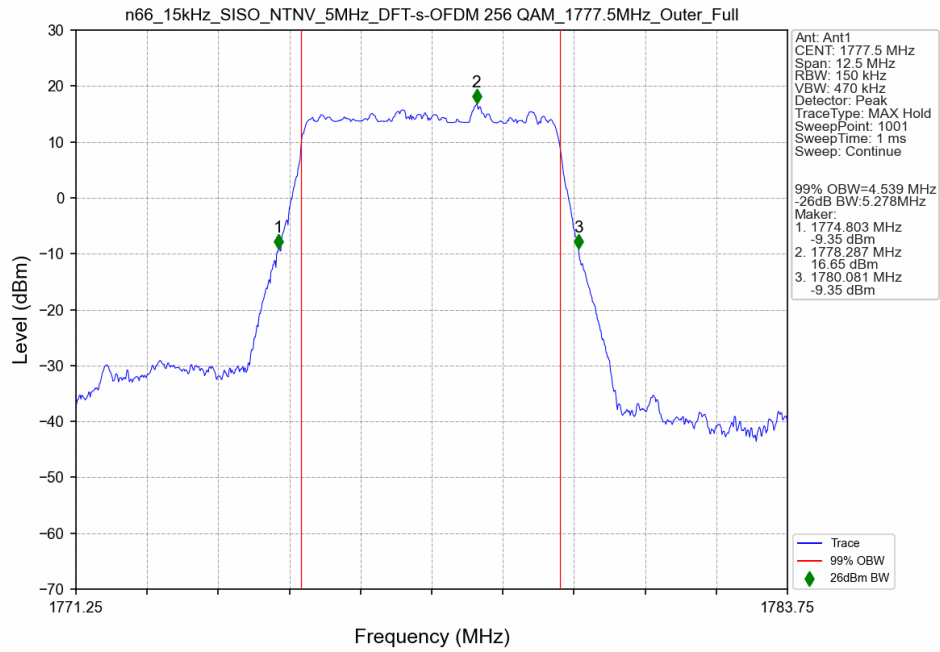
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1712.5MHz Outer Full Ant2



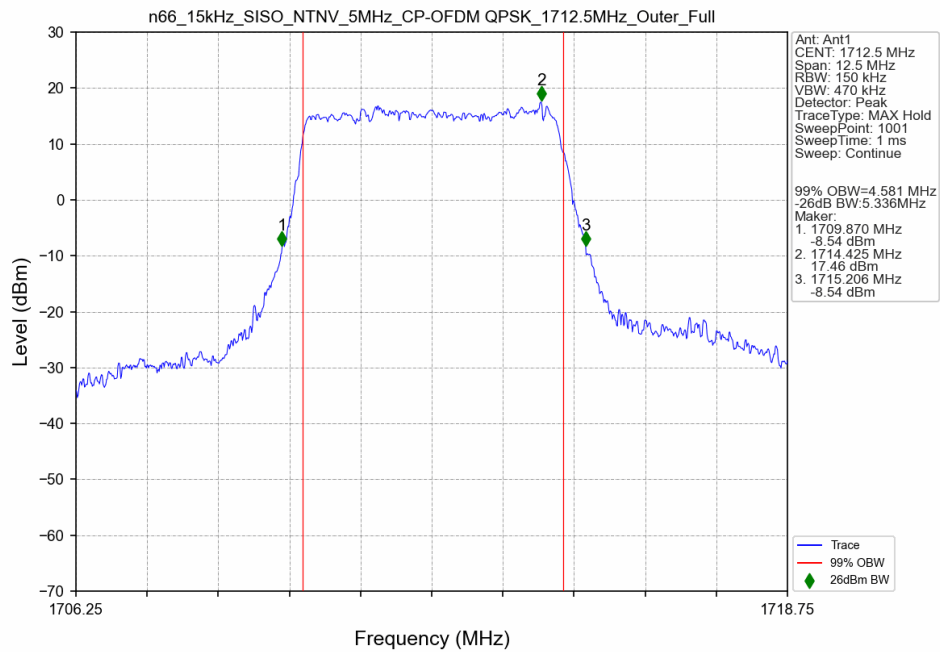
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1745MHz Outer Full Ant2



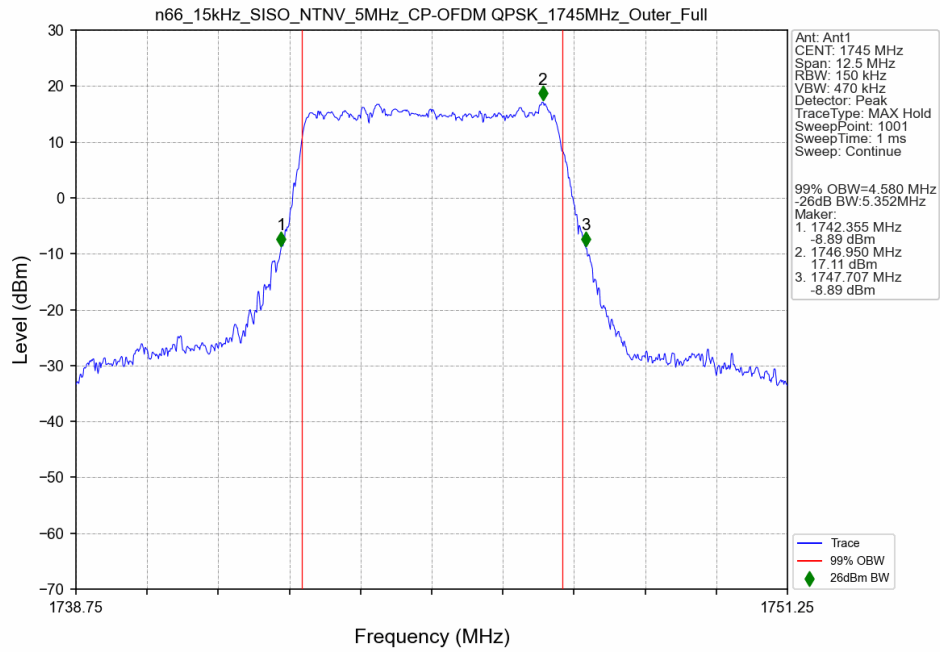
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1777.5MHz Outer Full Ant2



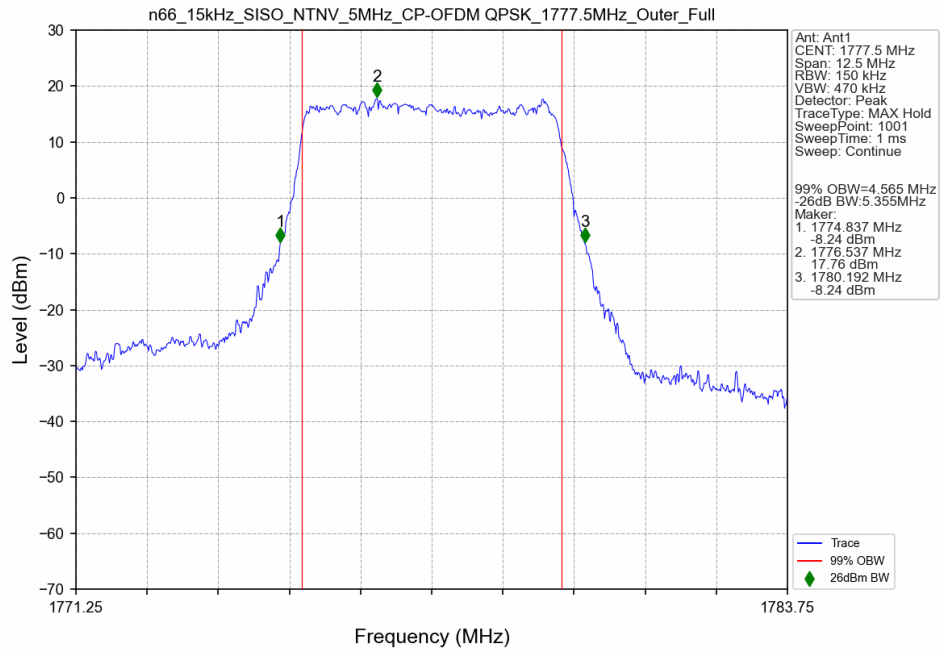
n66 15kHz SISO NTN 5MHz CP-OFDM QPSK 1712.5MHz Outer Full Ant2



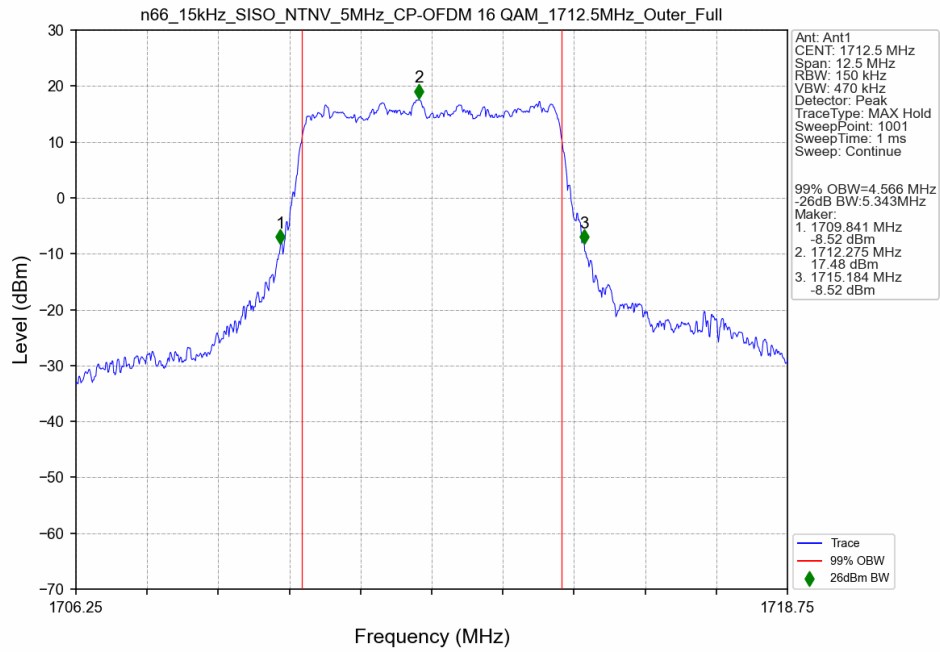
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1745MHz_Outer_Full_Ant2



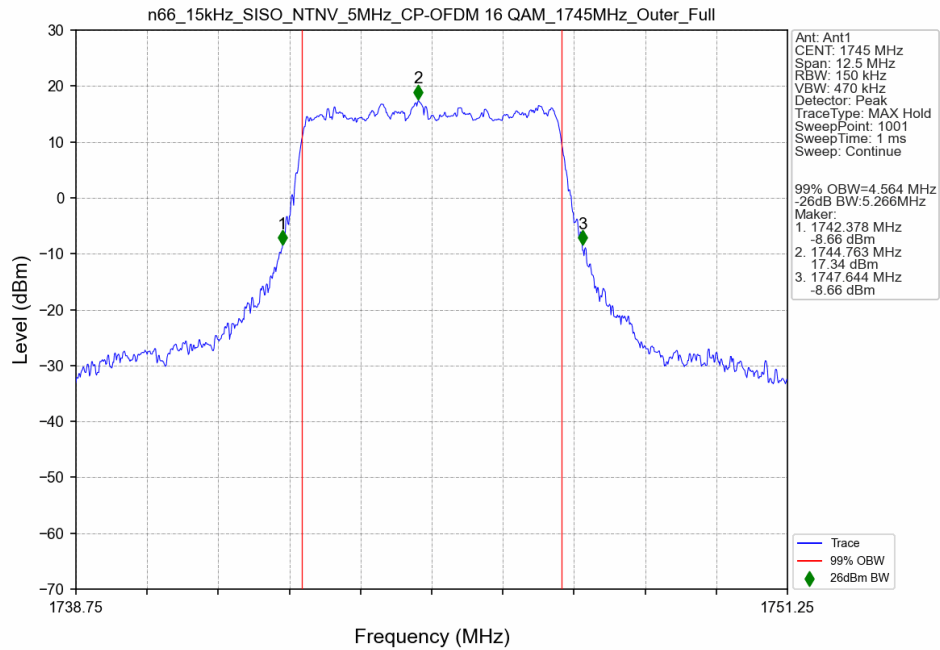
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1777.5MHz_Outer_Full_Ant2



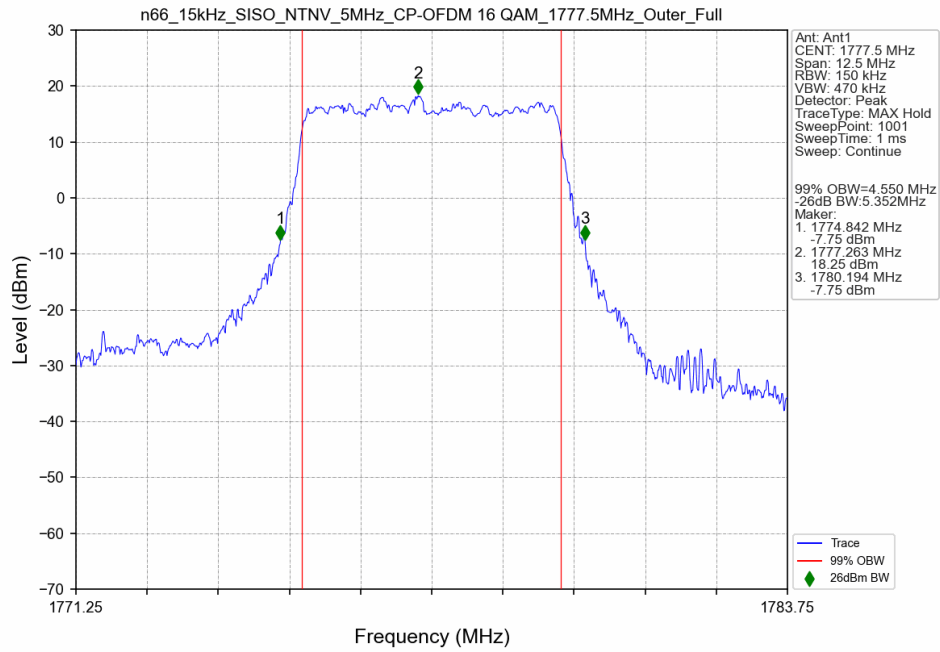
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_16_QAM_1712.5MHz_Outer_Full_Ant2



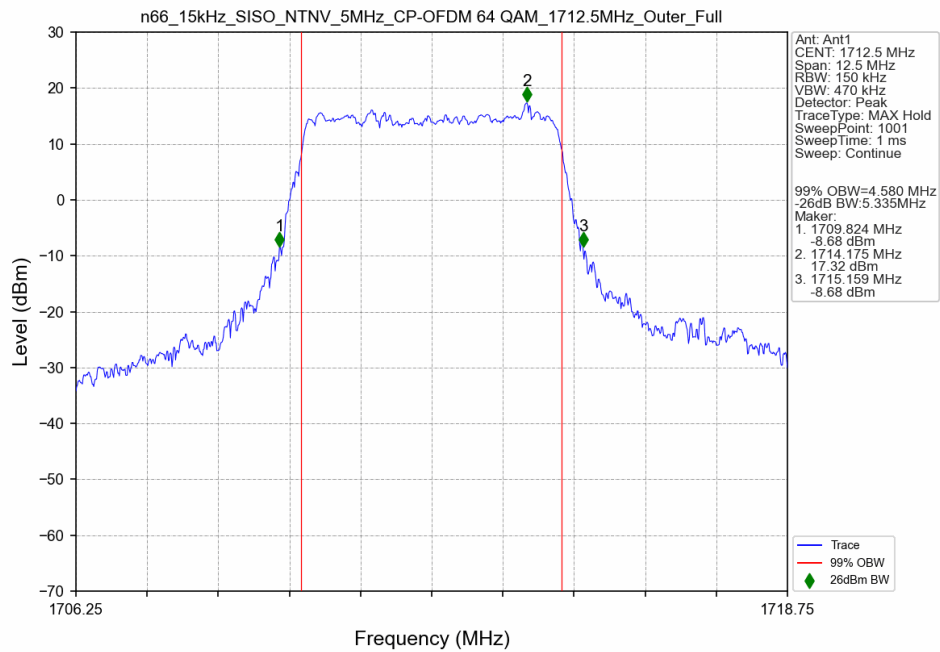
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_16_QAM_1745MHz_Outer_Full_Ant2



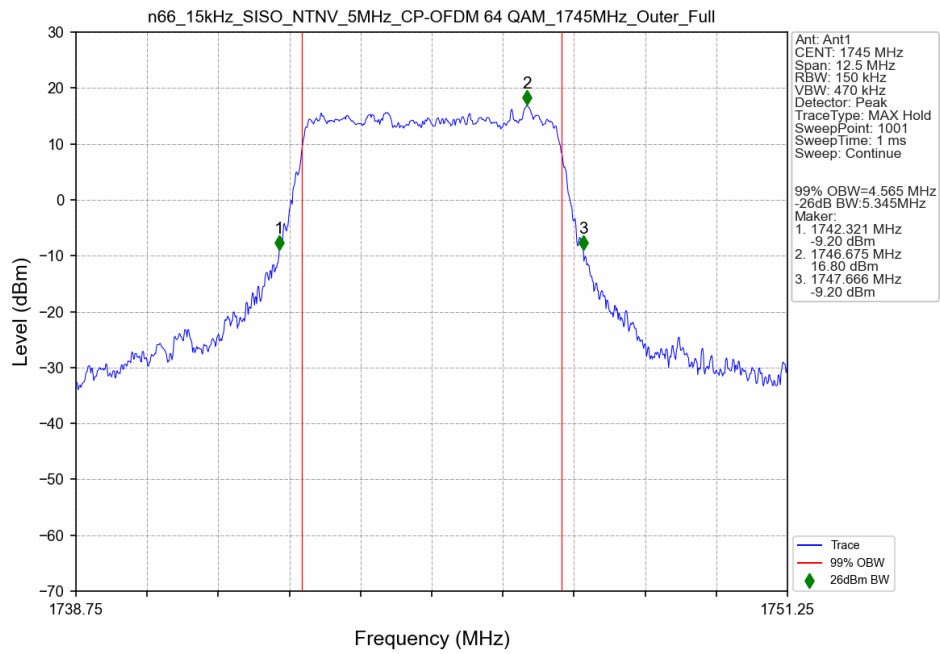
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 1777.5MHz Outer Full Ant2



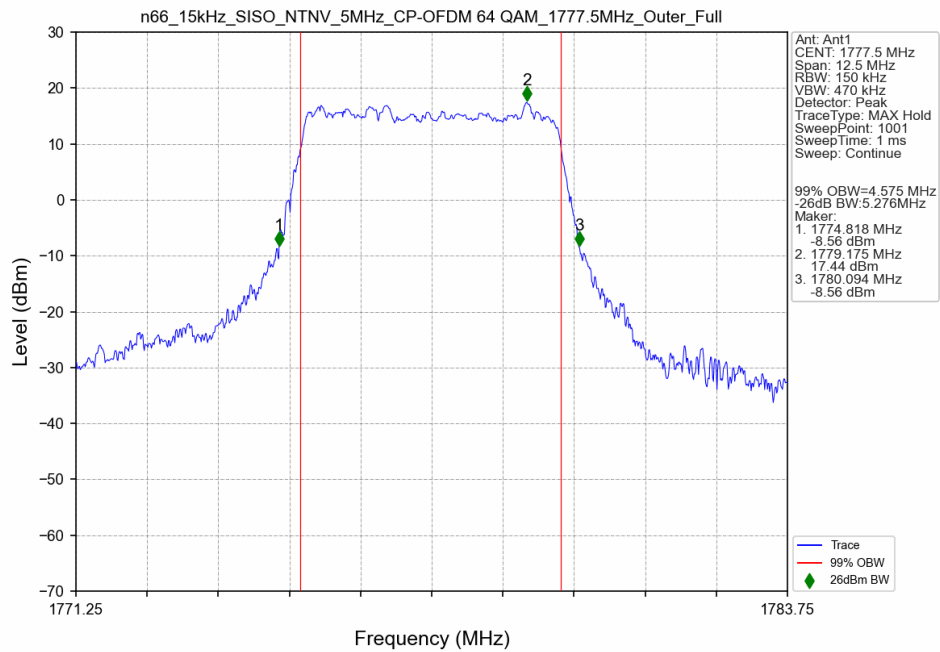
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 1712.5MHz Outer Full Ant2



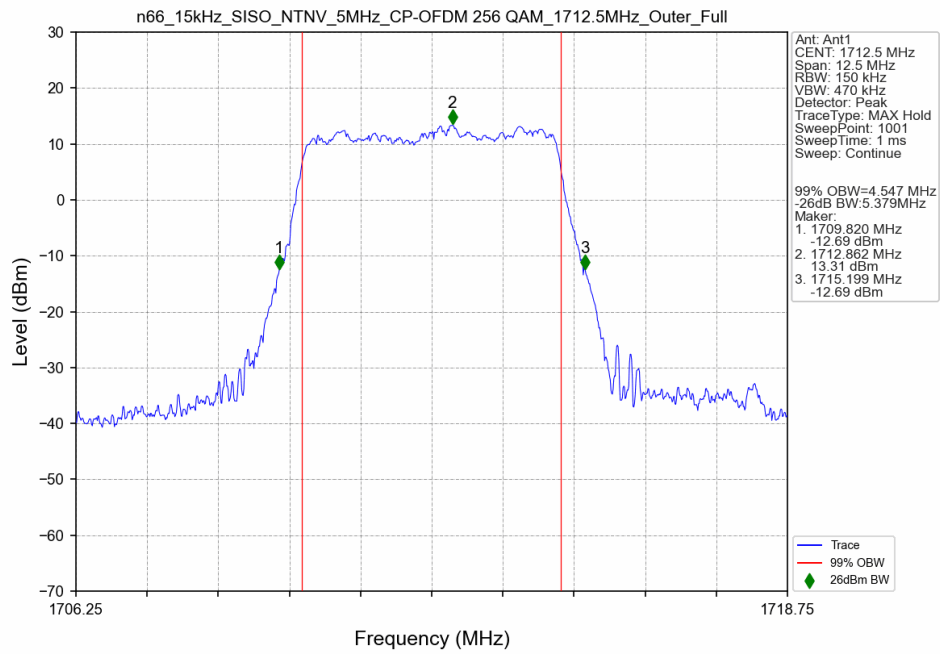
n66 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 1745MHz Outer Full Ant2



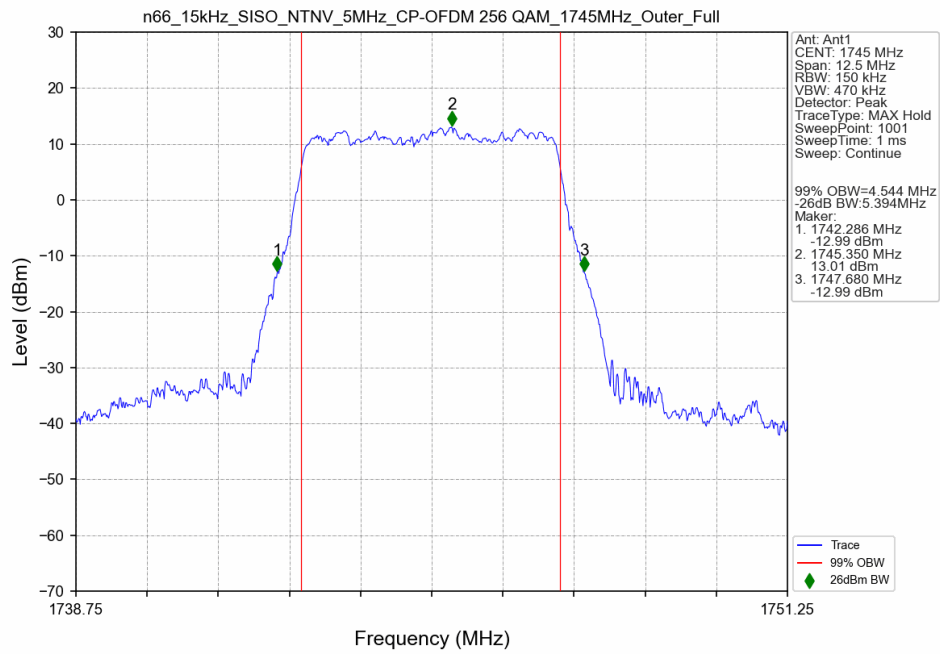
n66 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 1777.5MHz Outer Full Ant2

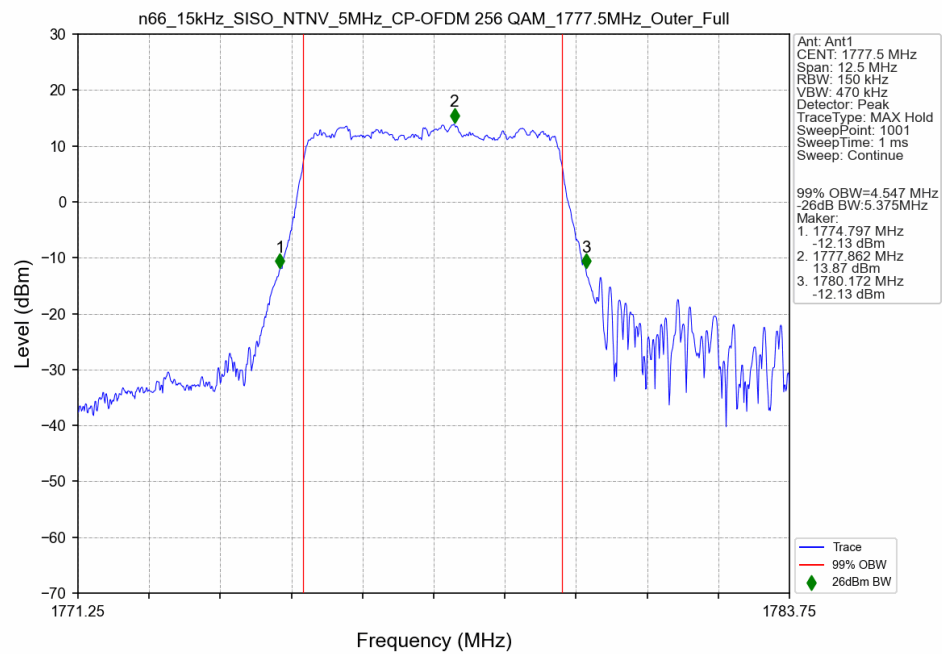


n66 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1712.5MHz Outer Full Ant2

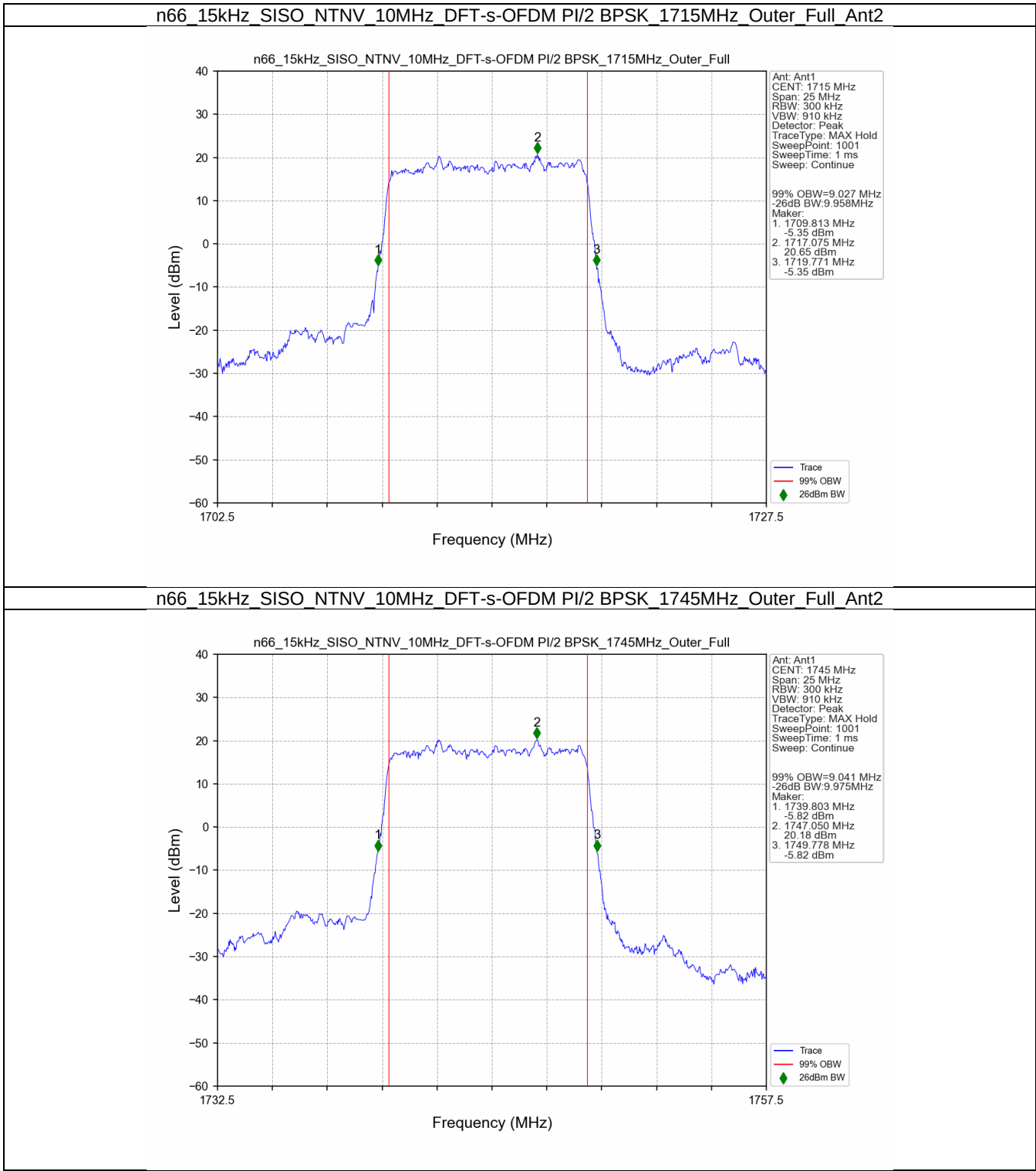


n66 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1745MHz Outer Full Ant2

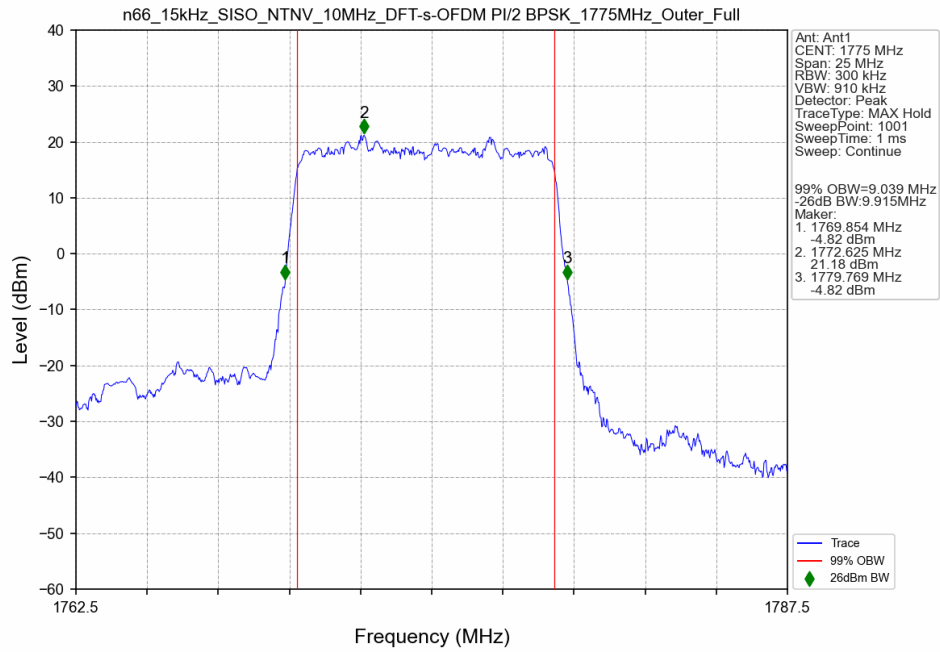




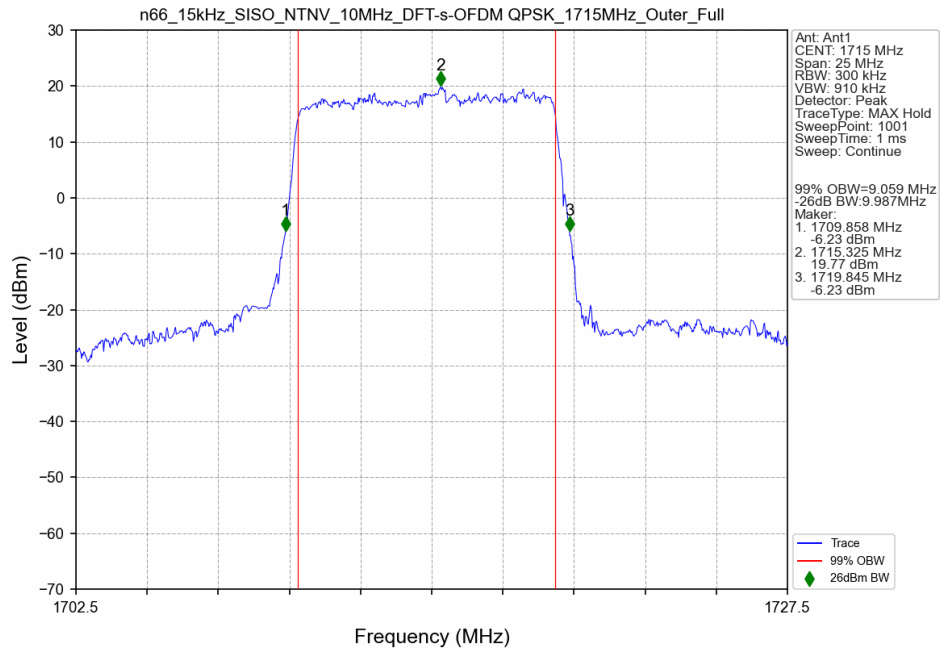
3.2.2 15k_SISO_10MHz_NTNV



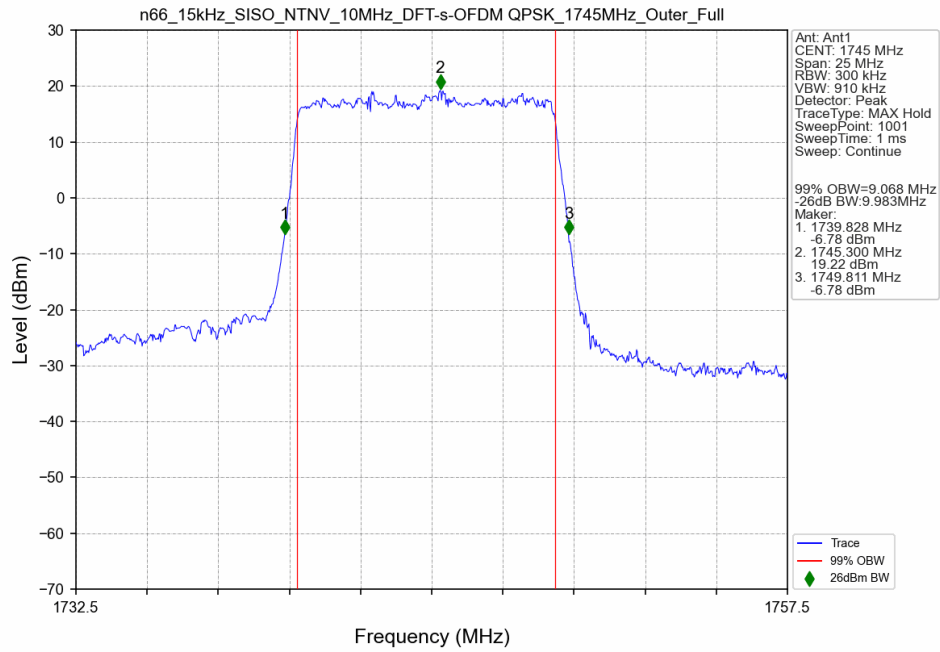
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_1775MHz_Outer_Full_Ant2



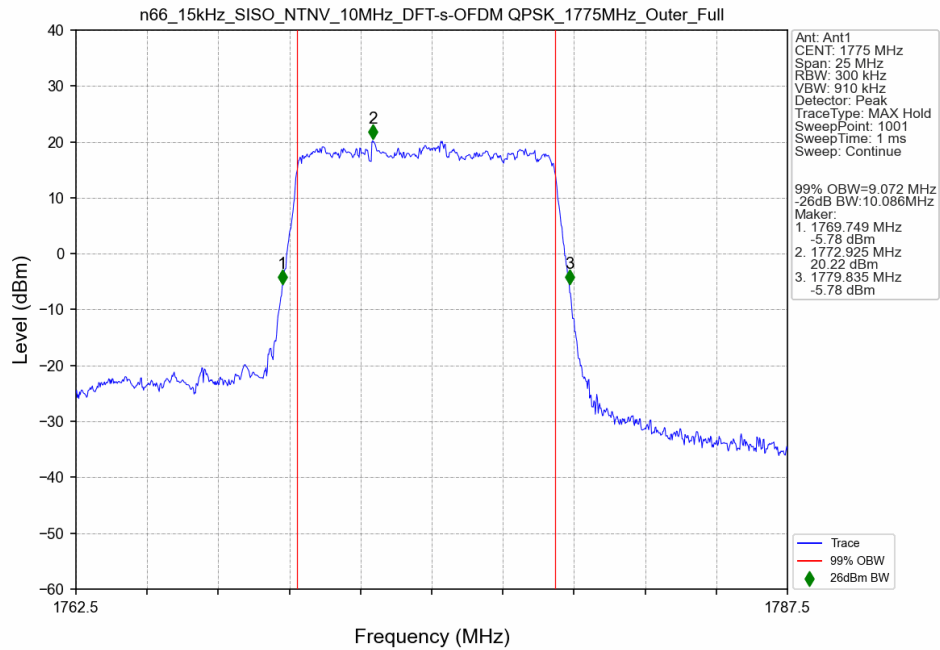
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1715MHz_Outer_Full_Ant2



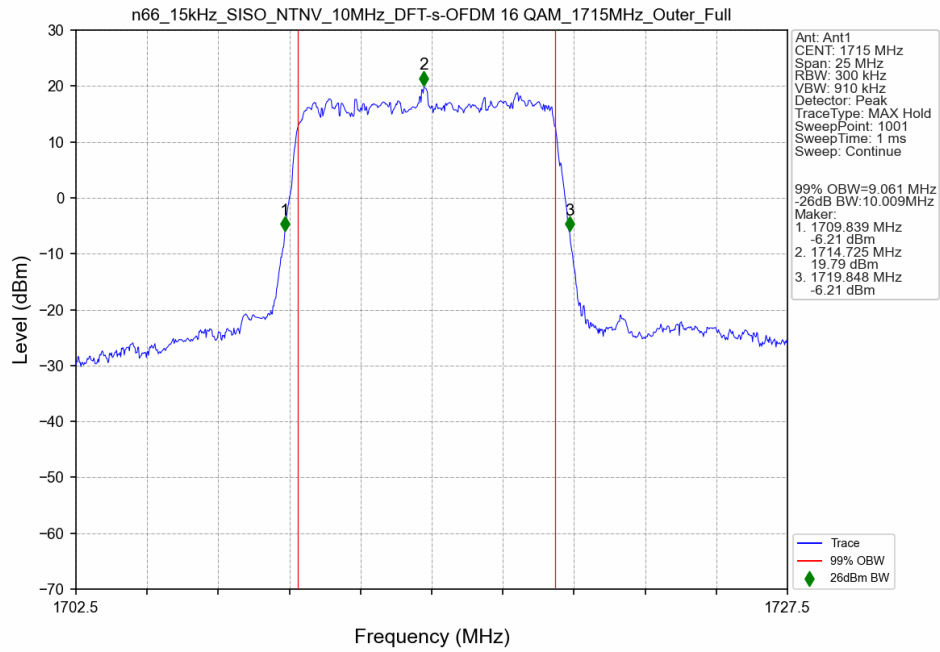
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1745MHz_Outer_Full_Ant2



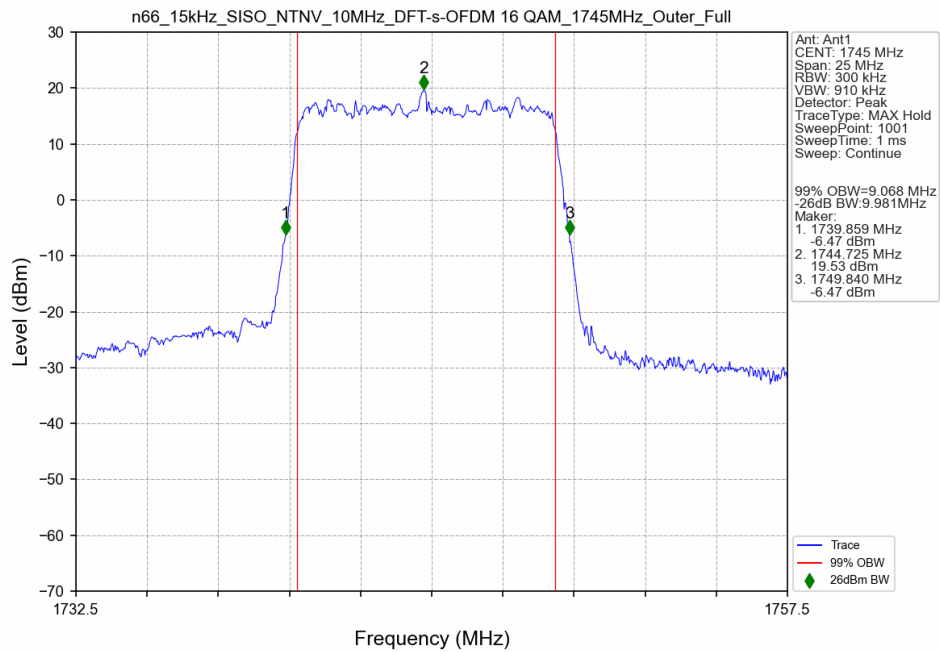
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_1775MHz_Outer_Full_Ant2



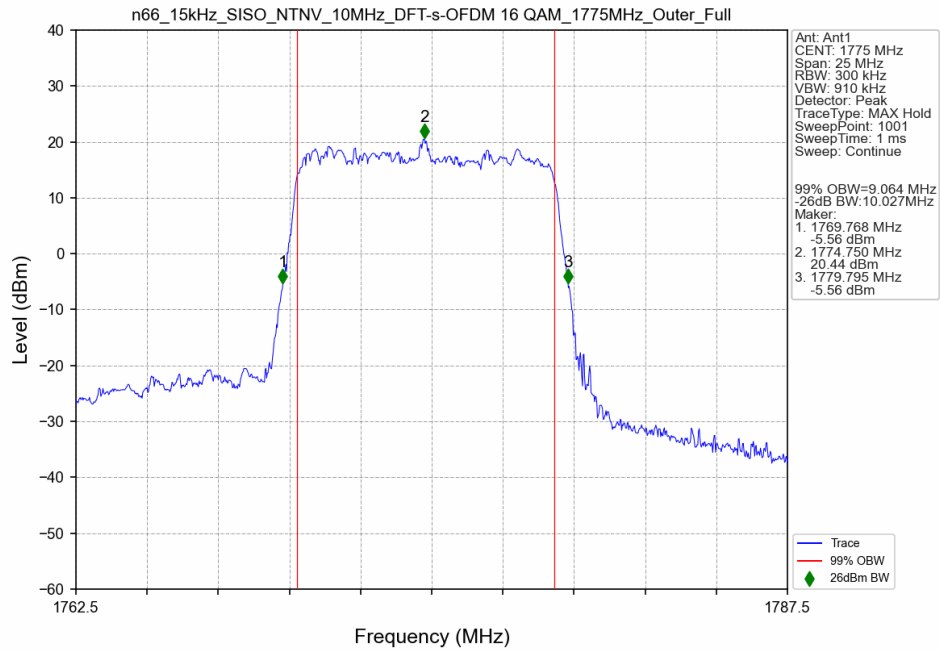
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1715MHz_Outer_Full_Ant2



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1745MHz_Outer_Full_Ant2



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1775MHz_Outer_Full_Ant2



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_1715MHz_Outer_Full_Ant2

