

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	1745	Edge_1RB_Left	22.63	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.06	/	/	<=30	Pass
		Outer_Full	22.75	/	/	20.15	/	/	<=30	Pass
		Inner_Full	23.25	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	20.60	/	/	<=30	Pass
	1712.5	Edge_1RB_Left	22.62	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.99	/	/	<=30	Pass
		Outer_Full	22.70	/	/	20.10	/	/	<=30	Pass
		Inner_Full	23.15	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	20.36	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	22.89	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	20.30	/	/	<=30	Pass
		Outer_Full	23.00	/	/	20.40	/	/	<=30	Pass
		Inner_Full	23.54	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	20.81	/	/	<=30	Pass
DFT-s-OFDM QPSK	1745	Edge_1RB_Left	22.23	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	19.67	/	/	<=30	Pass
		Outer_Full	22.21	/	/	19.61	/	/	<=30	Pass
		Inner_Full	23.27	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	20.77	/	/	<=30	Pass
	1712.5	Edge_1RB_Left	22.15	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	19.51	/	/	<=30	Pass
		Outer_Full	22.14	/	/	19.54	/	/	<=30	Pass
		Inner_Full	23.17	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	20.56	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	22.50	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.93	/	/	<=30	Pass
		Outer_Full	22.50	/	/	19.90	/	/	<=30	Pass
		Inner_Full	23.53	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	20.99	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1745	Edge_1RB_Left	21.37	/	/	18.77	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	18.82	/	/	<=30	Pass
		Outer_Full	21.26	/	/	18.66	/	/	<=30	Pass
		Inner_Full	22.25	/	/	19.65	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	19.86	/	/	<=30	Pass
	1712.5	Edge_1RB_Left	21.32	/	/	18.72	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	18.66	/	/	<=30	Pass
		Outer_Full	21.17	/	/	18.57	/	/	<=30	Pass
		Inner_Full	22.14	/	/	19.54	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	19.68	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.64	/	/	19.04	/	/	<=30	Pass

		Edge 1RB Right	21.63	/	/	19.03	/	/	<=30	Pass
		Outer Full	21.52	/	/	18.92	/	/	<=30	Pass
		Inner Full	22.55	/	/	19.95	/	/	<=30	Pass
		Inner 1RB Left	22.67	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Right	22.68	/	/	20.08	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1745	Edge 1RB Left	20.69	/	/	18.09	/	/	<=30	Pass
		Edge 1RB Right	20.52	/	/	17.92	/	/	<=30	Pass
		Outer Full	20.82	/	/	18.22	/	/	<=30	Pass
		Inner Full	20.77	/	/	18.17	/	/	<=30	Pass
		Inner 1RB Left	20.48	/	/	17.88	/	/	<=30	Pass
		Inner 1RB Right	20.53	/	/	17.93	/	/	<=30	Pass
	1712.5	Edge 1RB Left	20.40	/	/	17.80	/	/	<=30	Pass
		Edge 1RB Right	20.36	/	/	17.76	/	/	<=30	Pass
		Outer Full	20.73	/	/	18.13	/	/	<=30	Pass
		Inner Full	20.72	/	/	18.12	/	/	<=30	Pass
		Inner 1RB Left	20.42	/	/	17.82	/	/	<=30	Pass
		Inner 1RB Right	20.58	/	/	17.98	/	/	<=30	Pass
	1777.5	Edge 1RB Left	20.73	/	/	18.13	/	/	<=30	Pass
		Edge 1RB Right	20.74	/	/	18.14	/	/	<=30	Pass
		Outer Full	21.08	/	/	18.48	/	/	<=30	Pass
		Inner Full	21.06	/	/	18.46	/	/	<=30	Pass
		Inner 1RB Left	20.76	/	/	18.16	/	/	<=30	Pass
		Inner 1RB Right	20.76	/	/	18.16	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1745	Edge 1RB Left	18.61	/	/	16.01	/	/	<=30	Pass
		Edge 1RB Right	18.67	/	/	16.07	/	/	<=30	Pass
		Outer Full	18.64	/	/	16.04	/	/	<=30	Pass
		Inner Full	18.77	/	/	16.17	/	/	<=30	Pass
		Inner 1RB Left	18.60	/	/	16.00	/	/	<=30	Pass
		Inner 1RB Right	18.70	/	/	16.10	/	/	<=30	Pass
	1712.5	Edge 1RB Left	18.54	/	/	15.94	/	/	<=30	Pass
		Edge 1RB Right	18.49	/	/	15.89	/	/	<=30	Pass
		Outer Full	18.56	/	/	15.96	/	/	<=30	Pass
		Inner Full	18.70	/	/	16.10	/	/	<=30	Pass
		Inner 1RB Left	18.55	/	/	15.95	/	/	<=30	Pass
		Inner 1RB Right	18.50	/	/	15.90	/	/	<=30	Pass
	1777.5	Edge 1RB Left	18.87	/	/	16.27	/	/	<=30	Pass
		Edge 1RB Right	18.88	/	/	16.28	/	/	<=30	Pass
		Outer Full	18.92	/	/	16.32	/	/	<=30	Pass
		Inner Full	19.08	/	/	16.48	/	/	<=30	Pass
		Inner 1RB Left	18.92	/	/	16.32	/	/	<=30	Pass
		Inner 1RB Right	18.89	/	/	16.29	/	/	<=30	Pass
CP-OFDM QPSK	1745	Edge 1RB Left	20.14	/	/	17.54	/	/	<=30	Pass
		Edge 1RB Right	20.21	/	/	17.61	/	/	<=30	Pass
		Outer Full	20.17	/	/	17.57	/	/	<=30	Pass
		Inner Full	21.67	/	/	19.07	/	/	<=30	Pass
		Inner 1RB Left	21.77	/	/	19.17	/	/	<=30	Pass
		Inner 1RB Right	21.73	/	/	19.13	/	/	<=30	Pass
	1712.5	Edge 1RB Left	20.07	/	/	17.47	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	17.42	/	/	<=30	Pass
		Outer Full	20.09	/	/	17.49	/	/	<=30	Pass
		Inner Full	21.62	/	/	19.02	/	/	<=30	Pass
		Inner 1RB Left	21.65	/	/	19.05	/	/	<=30	Pass
		Inner 1RB Right	21.62	/	/	19.02	/	/	<=30	Pass
	1777.5	Edge 1RB Left	20.41	/	/	17.81	/	/	<=30	Pass
		Edge 1RB Right	20.42	/	/	17.82	/	/	<=30	Pass
		Outer Full	20.45	/	/	17.85	/	/	<=30	Pass
		Inner Full	21.96	/	/	19.36	/	/	<=30	Pass
		Inner 1RB Left	22.00	/	/	19.40	/	/	<=30	Pass
		Inner 1RB Right	21.95	/	/	19.35	/	/	<=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	1745	Edge_1RB_Left	22.69	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.72	/	/	20.12	/	/	<=30	Pass
		Inner_Full	23.23	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	20.64	/	/	<=30	Pass
	1715	Edge_1RB_Left	22.73	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.67	/	/	20.07	/	/	<=30	Pass
		Inner_Full	23.19	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	20.60	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.99	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.41	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.38	/	/	<=30	Pass
		Inner_Full	23.54	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	20.88	/	/	<=30	Pass
DFT-s-OFDM QPSK	1745	Edge_1RB_Left	22.25	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.79	/	/	<=30	Pass
		Outer_Full	22.20	/	/	19.60	/	/	<=30	Pass
		Inner_Full	23.19	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	20.87	/	/	<=30	Pass
	1715	Edge_1RB_Left	22.34	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	19.75	/	/	<=30	Pass
		Outer_Full	22.18	/	/	19.58	/	/	<=30	Pass
		Inner_Full	23.18	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	20.72	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.55	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	20.05	/	/	<=30	Pass
		Outer_Full	22.50	/	/	19.90	/	/	<=30	Pass
		Inner_Full	23.56	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	21.10	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1745	Edge_1RB_Left	21.44	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	18.90	/	/	<=30	Pass
		Outer_Full	21.22	/	/	18.62	/	/	<=30	Pass
		Inner_Full	22.23	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	19.90	/	/	<=30	Pass
	1715	Edge_1RB_Left	21.47	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	18.84	/	/	<=30	Pass
		Outer_Full	21.25	/	/	18.65	/	/	<=30	Pass
		Inner_Full	22.22	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	19.84	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.74	/	/	19.14	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	19.13	/	/	<=30	Pass
		Outer_Full	21.55	/	/	18.95	/	/	<=30	Pass
		Inner_Full	22.55	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	20.15	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	1745	Edge_1RB_Left	20.66	/	/	18.06	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	18.03	/	/	<=30	Pass
		Outer_Full	20.73	/	/	18.13	/	/	<=30	Pass
		Inner_Full	20.78	/	/	18.18	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	18.03	/	/	<=30	Pass
	1715	Edge_1RB_Left	20.60	/	/	18.00	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	17.96	/	/	<=30	Pass
		Outer_Full	20.78	/	/	18.18	/	/	<=30	Pass
		Inner_Full	20.75	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Right	20.54	/	/	17.94	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.87	/	/	18.27	/	/	<=30	Pass
		Edge_1RB_Right	20.96	/	/	18.36	/	/	<=30	Pass
		Outer_Full	21.06	/	/	18.46	/	/	<=30	Pass
		Inner_Full	21.09	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Left	20.95	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	18.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1745	Edge_1RB_Left	18.63	/	/	16.03	/	/	<=30	Pass
		Edge_1RB_Right	18.76	/	/	16.16	/	/	<=30	Pass
		Outer_Full	18.66	/	/	16.06	/	/	<=30	Pass
		Inner_Full	18.65	/	/	16.05	/	/	<=30	Pass
		Inner_1RB_Left	18.63	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Right	18.76	/	/	16.16	/	/	<=30	Pass
	1715	Edge_1RB_Left	18.68	/	/	16.08	/	/	<=30	Pass
		Edge_1RB_Right	18.65	/	/	16.05	/	/	<=30	Pass
		Outer_Full	18.65	/	/	16.05	/	/	<=30	Pass
		Inner_Full	18.61	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Left	18.68	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Right	18.68	/	/	16.08	/	/	<=30	Pass
	1775	Edge_1RB_Left	18.92	/	/	16.32	/	/	<=30	Pass
		Edge_1RB_Right	19.01	/	/	16.41	/	/	<=30	Pass
		Outer_Full	18.97	/	/	16.37	/	/	<=30	Pass
		Inner_Full	18.93	/	/	16.33	/	/	<=30	Pass
		Inner_1RB_Left	18.96	/	/	16.36	/	/	<=30	Pass
		Inner_1RB_Right	19.01	/	/	16.41	/	/	<=30	Pass
CP-OFDM QPSK	1745	Edge_1RB_Left	20.19	/	/	17.59	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	17.73	/	/	<=30	Pass
		Outer_Full	20.19	/	/	17.59	/	/	<=30	Pass
		Inner_Full	21.70	/	/	19.10	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	19.24	/	/	<=30	Pass
	1715	Edge_1RB_Left	20.25	/	/	17.65	/	/	<=30	Pass
		Edge_1RB_Right	20.23	/	/	17.63	/	/	<=30	Pass
		Outer_Full	20.19	/	/	17.59	/	/	<=30	Pass
		Inner_Full	21.68	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	19.16	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.49	/	/	17.89	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	17.95	/	/	<=30	Pass
		Outer_Full	20.48	/	/	17.88	/	/	<=30	Pass
		Inner_Full	22.00	/	/	19.40	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	19.50	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	19.45	/	/	<=30	Pass
CP-OFDM 16 QAM	1745	Edge_1RB_Left	20.48	/	/	17.88	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	17.98	/	/	<=30	Pass
		Outer_Full	20.25	/	/	17.65	/	/	<=30	Pass
		Inner_Full	21.19	/	/	18.59	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	18.88	/	/	<=30	Pass

		Inner 1RB Right	21.55	/	/	18.95	/	/	<=30	Pass	
		1715	Edge 1RB Left	20.52	/	/	17.92	/	/	<=30	Pass
			Edge 1RB Right	20.49	/	/	17.89	/	/	<=30	Pass
			Outer_Full	20.23	/	/	17.63	/	/	<=30	Pass
			Inner_Full	21.17	/	/	18.57	/	/	<=30	Pass
			Inner 1RB Left	21.54	/	/	18.94	/	/	<=30	Pass
			Inner 1RB Right	21.43	/	/	18.83	/	/	<=30	Pass
		1775	Edge 1RB Left	20.79	/	/	18.19	/	/	<=30	Pass
			Edge 1RB Right	20.80	/	/	18.20	/	/	<=30	Pass
			Outer_Full	20.53	/	/	17.93	/	/	<=30	Pass
			Inner_Full	21.51	/	/	18.91	/	/	<=30	Pass
			Inner 1RB Left	21.77	/	/	19.17	/	/	<=30	Pass
			Inner 1RB Right	21.73	/	/	19.13	/	/	<=30	Pass
		CP-OFDM 64 QAM	1745	Edge 1RB Left	19.63	/	/	17.03	/	/	<=30
Edge 1RB Right	19.71			/	/	17.11	/	/	<=30	Pass	
Outer_Full	19.76			/	/	17.16	/	/	<=30	Pass	
Inner_Full	19.74			/	/	17.14	/	/	<=30	Pass	
Inner 1RB Left	19.64			/	/	17.04	/	/	<=30	Pass	
Inner 1RB Right	19.77			/	/	17.17	/	/	<=30	Pass	
1715	Edge 1RB Left		19.69	/	/	17.09	/	/	<=30	Pass	
	Edge 1RB Right		19.70	/	/	17.10	/	/	<=30	Pass	
	Outer_Full		19.75	/	/	17.15	/	/	<=30	Pass	
	Inner_Full		19.68	/	/	17.08	/	/	<=30	Pass	
	Inner 1RB Left		19.76	/	/	17.16	/	/	<=30	Pass	
	Inner 1RB Right		19.62	/	/	17.02	/	/	<=30	Pass	
1775	Edge 1RB Left		19.91	/	/	17.31	/	/	<=30	Pass	
	Edge 1RB Right		19.90	/	/	17.30	/	/	<=30	Pass	
	Outer_Full		20.04	/	/	17.44	/	/	<=30	Pass	
	Inner_Full		20.05	/	/	17.45	/	/	<=30	Pass	
	Inner 1RB Left		19.92	/	/	17.32	/	/	<=30	Pass	
	Inner 1RB Right		19.92	/	/	17.32	/	/	<=30	Pass	
CP-OFDM 256 QAM	1745	Edge 1RB Left	16.78	/	/	14.18	/	/	<=30	Pass	
		Edge 1RB Right	16.84	/	/	14.24	/	/	<=30	Pass	
		Outer_Full	16.75	/	/	14.15	/	/	<=30	Pass	
		Inner_Full	16.77	/	/	14.17	/	/	<=30	Pass	
		Inner 1RB Left	16.79	/	/	14.19	/	/	<=30	Pass	
		Inner 1RB Right	16.84	/	/	14.24	/	/	<=30	Pass	
	1715	Edge 1RB Left	16.69	/	/	14.09	/	/	<=30	Pass	
		Edge 1RB Right	16.75	/	/	14.15	/	/	<=30	Pass	
		Outer_Full	16.62	/	/	14.02	/	/	<=30	Pass	
		Inner_Full	16.67	/	/	14.07	/	/	<=30	Pass	
		Inner 1RB Left	16.69	/	/	14.09	/	/	<=30	Pass	
		Inner 1RB Right	16.77	/	/	14.17	/	/	<=30	Pass	
	1775	Edge 1RB Left	17.00	/	/	14.40	/	/	<=30	Pass	
		Edge 1RB Right	17.21	/	/	14.61	/	/	<=30	Pass	
		Outer_Full	17.02	/	/	14.42	/	/	<=30	Pass	
		Inner_Full	17.02	/	/	14.42	/	/	<=30	Pass	
		Inner 1RB Left	17.05	/	/	14.45	/	/	<=30	Pass	
		Inner 1RB Right	17.18	/	/	14.58	/	/	<=30	Pass	
Note1: Antenna Gain: Ant2: -2.60dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2	1745	Edge 1RB Left	22.70	/	/	20.10	/	/	<=30	Pass

BPSK		Edge_1RB_Right	22.80	/	/	20.20	/	/	<=30	Pass
		Outer_Full	22.78	/	/	20.18	/	/	<=30	Pass
		Inner_Full	23.29	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	20.68	/	/	<=30	Pass
	1717.5	Edge_1RB_Left	22.70	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	20.04	/	/	<=30	Pass
		Outer_Full	22.74	/	/	20.14	/	/	<=30	Pass
		Inner_Full	23.25	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	20.64	/	/	<=30	Pass
	1772.5	Inner_1RB_Right	23.13	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Left	22.85	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.34	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.37	/	/	<=30	Pass
		Inner_Full	23.49	/	/	20.89	/	/	<=30	Pass
DFT-s-OFDM QPSK		Inner_1RB_Left	23.37	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	20.83	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.31	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.85	/	/	<=30	Pass
		Outer_Full	22.25	/	/	19.65	/	/	<=30	Pass
		Inner_Full	23.28	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	20.76	/	/	<=30	Pass
	1717.5	Inner_1RB_Right	23.51	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Left	22.36	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	19.66	/	/	<=30	Pass
		Outer_Full	22.23	/	/	19.63	/	/	<=30	Pass
		Inner_Full	23.25	/	/	20.65	/	/	<=30	Pass
	1772.5	Inner_1RB_Left	23.38	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Left	22.42	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.99	/	/	<=30	Pass
		Outer_Full	22.47	/	/	19.87	/	/	<=30	Pass
DFT-s-OFDM 16 QAM		Inner_Full	23.48	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	21.04	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.47	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	18.93	/	/	<=30	Pass
		Outer_Full	21.29	/	/	18.69	/	/	<=30	Pass
		Inner_Full	22.29	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	19.84	/	/	<=30	Pass
	1717.5	Inner_1RB_Right	22.51	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Left	21.48	/	/	18.88	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	18.79	/	/	<=30	Pass
		Outer_Full	21.26	/	/	18.66	/	/	<=30	Pass
		Inner_Full	22.27	/	/	19.67	/	/	<=30	Pass
	1772.5	Inner_1RB_Left	22.48	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Left	21.64	/	/	19.04	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	19.08	/	/	<=30	Pass
		Outer_Full	21.51	/	/	18.91	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1745	Inner_Full	22.48	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Right	22.67	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Left	20.58	/	/	17.98	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	18.07	/	/	<=30	Pass
		Outer_Full	20.86	/	/	18.26	/	/	<=30	Pass
		Inner_Full	20.82	/	/	18.22	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	18.06	/	/	<=30	Pass

	1717.5	Edge_1RB_Left	20.64	/	/	18.04	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	17.90	/	/	<=30	Pass
		Outer_Full	20.81	/	/	18.21	/	/	<=30	Pass
		Inner_Full	20.77	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Left	20.63	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Right	20.46	/	/	17.86	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.77	/	/	18.17	/	/	<=30	Pass
		Edge_1RB_Right	20.82	/	/	18.22	/	/	<=30	Pass
		Outer_Full	21.05	/	/	18.45	/	/	<=30	Pass
		Inner_Full	20.98	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	18.22	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1745	Edge_1RB_Left	18.67	/	/	16.07	/	/	<=30	Pass
		Edge_1RB_Right	18.79	/	/	16.19	/	/	<=30	Pass
		Outer_Full	18.72	/	/	16.12	/	/	<=30	Pass
		Inner_Full	18.75	/	/	16.15	/	/	<=30	Pass
		Inner_1RB_Left	18.68	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	16.19	/	/	<=30	Pass
	1717.5	Edge_1RB_Left	18.70	/	/	16.10	/	/	<=30	Pass
		Edge_1RB_Right	18.62	/	/	16.02	/	/	<=30	Pass
		Outer_Full	18.68	/	/	16.08	/	/	<=30	Pass
		Inner_Full	18.69	/	/	16.09	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	16.11	/	/	<=30	Pass
		Inner_1RB_Right	18.58	/	/	15.98	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	18.83	/	/	16.23	/	/	<=30	Pass
		Edge_1RB_Right	18.95	/	/	16.35	/	/	<=30	Pass
		Outer_Full	18.90	/	/	16.30	/	/	<=30	Pass
		Inner_Full	18.94	/	/	16.34	/	/	<=30	Pass
		Inner_1RB_Left	18.83	/	/	16.23	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	16.34	/	/	<=30	Pass
CP-OFDM QPSK	1745	Edge_1RB_Left	20.25	/	/	17.65	/	/	<=30	Pass
		Edge_1RB_Right	20.35	/	/	17.75	/	/	<=30	Pass
		Outer_Full	20.28	/	/	17.68	/	/	<=30	Pass
		Inner_Full	21.81	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	19.17	/	/	<=30	Pass
	1717.5	Edge_1RB_Left	20.26	/	/	17.66	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	17.57	/	/	<=30	Pass
		Outer_Full	20.26	/	/	17.66	/	/	<=30	Pass
		Inner_Full	21.75	/	/	19.15	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	19.22	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	19.05	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.39	/	/	17.79	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	18.03	/	/	<=30	Pass
		Outer_Full	20.50	/	/	17.90	/	/	<=30	Pass
		Inner_Full	21.97	/	/	19.37	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	19.32	/	/	<=30	Pass
CP-OFDM 16 QAM	1745	Edge_1RB_Left	20.52	/	/	17.92	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	18.01	/	/	<=30	Pass
		Outer_Full	20.31	/	/	17.71	/	/	<=30	Pass
		Inner_Full	21.27	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	18.94	/	/	<=30	Pass
	1717.5	Edge_1RB_Left	20.58	/	/	17.98	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	17.88	/	/	<=30	Pass
		Outer_Full	20.24	/	/	17.64	/	/	<=30	Pass
		Inner_Full	21.25	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	18.91	/	/	<=30	Pass

	1772.5	Inner 1RB Right	21.39	/	/	18.79	/	/	<=30	Pass
		Edge 1RB Left	20.69	/	/	18.09	/	/	<=30	Pass
		Edge 1RB Right	20.76	/	/	18.16	/	/	<=30	Pass
		Outer_Full	20.54	/	/	17.94	/	/	<=30	Pass
		Inner_Full	21.51	/	/	18.91	/	/	<=30	Pass
		Inner 1RB Left	21.70	/	/	19.10	/	/	<=30	Pass
		Inner 1RB Right	21.64	/	/	19.04	/	/	<=30	Pass
CP-OFDM 64 QAM	1745	Edge 1RB Left	19.70	/	/	17.10	/	/	<=30	Pass
		Edge 1RB Right	19.75	/	/	17.15	/	/	<=30	Pass
		Outer_Full	19.84	/	/	17.24	/	/	<=30	Pass
		Inner_Full	19.81	/	/	17.21	/	/	<=30	Pass
		Inner 1RB Left	19.71	/	/	17.11	/	/	<=30	Pass
		Inner 1RB Right	19.66	/	/	17.06	/	/	<=30	Pass
	1717.5	Edge 1RB Left	19.73	/	/	17.13	/	/	<=30	Pass
		Edge 1RB Right	19.66	/	/	17.06	/	/	<=30	Pass
		Outer_Full	19.79	/	/	17.19	/	/	<=30	Pass
		Inner_Full	19.75	/	/	17.15	/	/	<=30	Pass
		Inner 1RB Left	19.74	/	/	17.14	/	/	<=30	Pass
		Inner 1RB Right	19.56	/	/	16.96	/	/	<=30	Pass
	1772.5	Edge 1RB Left	19.85	/	/	17.25	/	/	<=30	Pass
		Edge 1RB Right	19.90	/	/	17.30	/	/	<=30	Pass
		Outer_Full	20.06	/	/	17.46	/	/	<=30	Pass
		Inner_Full	20.01	/	/	17.41	/	/	<=30	Pass
		Inner 1RB Left	19.86	/	/	17.26	/	/	<=30	Pass
		Inner 1RB Right	19.86	/	/	17.26	/	/	<=30	Pass
CP-OFDM 256 QAM	1745	Edge 1RB Left	16.81	/	/	14.21	/	/	<=30	Pass
		Edge 1RB Right	16.98	/	/	14.38	/	/	<=30	Pass
		Outer_Full	16.82	/	/	14.22	/	/	<=30	Pass
		Inner_Full	16.83	/	/	14.23	/	/	<=30	Pass
		Inner 1RB Left	16.82	/	/	14.22	/	/	<=30	Pass
		Inner 1RB Right	16.91	/	/	14.31	/	/	<=30	Pass
	1717.5	Edge 1RB Left	16.71	/	/	14.11	/	/	<=30	Pass
		Edge 1RB Right	16.73	/	/	14.13	/	/	<=30	Pass
		Outer_Full	16.73	/	/	14.13	/	/	<=30	Pass
		Inner_Full	16.74	/	/	14.14	/	/	<=30	Pass
		Inner 1RB Left	16.75	/	/	14.15	/	/	<=30	Pass
		Inner 1RB Right	16.68	/	/	14.08	/	/	<=30	Pass
	1772.5	Edge 1RB Left	16.88	/	/	14.28	/	/	<=30	Pass
		Edge 1RB Right	17.17	/	/	14.57	/	/	<=30	Pass
		Outer_Full	17.00	/	/	14.40	/	/	<=30	Pass
		Inner_Full	16.97	/	/	14.37	/	/	<=30	Pass
		Inner 1RB Left	16.94	/	/	14.34	/	/	<=30	Pass
		Inner 1RB Right	17.08	/	/	14.48	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.60dBi; 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	1745	Edge 1RB Left	22.68	/	/	20.08	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	20.18	/	/	<=30	Pass
		Outer Full	22.83	/	/	20.23	/	/	<=30	Pass
		Inner Full	23.29	/	/	20.69	/	/	<=30	Pass
		Inner 1RB Left	23.20	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Right	23.29	/	/	20.69	/	/	<=30	Pass
	1720	Edge 1RB Left	22.69	/	/	20.09	/	/	<=30	Pass

		Edge_1RB_Right	22.61	/	/	20.01	/	/	<=30	Pass
		Outer_Full	22.73	/	/	20.13	/	/	<=30	Pass
		Inner_Full	23.23	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	20.53	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.77	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.34	/	/	<=30	Pass
		Outer_Full	22.99	/	/	20.39	/	/	<=30	Pass
		Inner_Full	23.53	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	20.72	/	/	<=30	Pass
DFT-s-OFDM QPSK	1745	Inner_1RB_Right	23.47	/	/	20.87	/	/	<=30	Pass
		Edge_1RB_Left	22.28	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.81	/	/	<=30	Pass
		Outer_Full	22.29	/	/	19.69	/	/	<=30	Pass
		Inner_Full	23.29	/	/	20.69	/	/	<=30	Pass
	1720	Inner_1RB_Left	23.31	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Left	22.31	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	19.64	/	/	<=30	Pass
		Outer_Full	22.21	/	/	19.61	/	/	<=30	Pass
	1770	Inner_Full	23.22	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Left	22.35	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.00	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	22.48	/	/	19.88	/	/	<=30	Pass
		Inner_Full	23.50	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Left	21.45	/	/	18.85	/	/	<=30	Pass
	1720	Edge_1RB_Right	21.55	/	/	18.95	/	/	<=30	Pass
		Outer_Full	21.32	/	/	18.72	/	/	<=30	Pass
		Inner_Full	22.30	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	19.94	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.46	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	18.78	/	/	<=30	Pass
		Outer_Full	21.23	/	/	18.63	/	/	<=30	Pass
		Inner_Full	22.25	/	/	19.65	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	19.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1745	Inner_1RB_Right	22.36	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Left	21.56	/	/	18.96	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	19.09	/	/	<=30	Pass
		Outer_Full	21.57	/	/	18.97	/	/	<=30	Pass
		Inner_Full	22.56	/	/	19.96	/	/	<=30	Pass
	1720	Inner_1RB_Left	22.55	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Left	20.58	/	/	17.98	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	18.06	/	/	<=30	Pass
		Outer_Full	20.84	/	/	18.24	/	/	<=30	Pass
	1770	Inner_Full	20.85	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Left	20.58	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Right	20.68	/	/	18.08	/	/	<=30	Pass
		Edge_1RB_Left	20.58	/	/	17.98	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	17.91	/	/	<=30	Pass
		Outer_Full	20.75	/	/	18.15	/	/	<=30	Pass
		Inner_Full	20.73	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Left	20.58	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Right	20.51	/	/	17.91	/	/	<=30	Pass
		Edge_1RB_Left	20.51	/	/	17.91	/	/	<=30	Pass

	1770	Edge_1RB_Left	20.68	/	/	18.08	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	18.25	/	/	<=30	Pass
		Outer_Full	21.10	/	/	18.50	/	/	<=30	Pass
		Inner_Full	21.06	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Left	20.69	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	18.24	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1745	Edge_1RB_Left	18.63	/	/	16.03	/	/	<=30	Pass
		Edge_1RB_Right	18.76	/	/	16.16	/	/	<=30	Pass
		Outer_Full	18.75	/	/	16.15	/	/	<=30	Pass
		Inner_Full	18.73	/	/	16.13	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	16.05	/	/	<=30	Pass
		Inner_1RB_Right	18.77	/	/	16.17	/	/	<=30	Pass
	1720	Edge_1RB_Left	18.66	/	/	16.06	/	/	<=30	Pass
		Edge_1RB_Right	18.58	/	/	15.98	/	/	<=30	Pass
		Outer_Full	18.65	/	/	16.05	/	/	<=30	Pass
		Inner_Full	18.70	/	/	16.10	/	/	<=30	Pass
		Inner_1RB_Left	18.64	/	/	16.04	/	/	<=30	Pass
		Inner_1RB_Right	18.60	/	/	16.00	/	/	<=30	Pass
	1770	Edge_1RB_Left	18.77	/	/	16.17	/	/	<=30	Pass
		Edge_1RB_Right	18.95	/	/	16.35	/	/	<=30	Pass
		Outer_Full	19.00	/	/	16.40	/	/	<=30	Pass
		Inner_Full	18.98	/	/	16.38	/	/	<=30	Pass
		Inner_1RB_Left	18.75	/	/	16.15	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	16.36	/	/	<=30	Pass
CP-OFDM QPSK	1745	Edge_1RB_Left	20.20	/	/	17.60	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	17.72	/	/	<=30	Pass
		Outer_Full	20.32	/	/	17.72	/	/	<=30	Pass
		Inner_Full	21.80	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	19.24	/	/	<=30	Pass
	1720	Edge_1RB_Left	20.26	/	/	17.66	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	17.58	/	/	<=30	Pass
		Outer_Full	20.22	/	/	17.62	/	/	<=30	Pass
		Inner_Full	21.69	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	19.09	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.27	/	/	17.67	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	17.91	/	/	<=30	Pass
		Outer_Full	20.51	/	/	17.91	/	/	<=30	Pass
		Inner_Full	21.98	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	19.53	/	/	<=30	Pass
CP-OFDM 16 QAM	1745	Edge_1RB_Left	20.53	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	17.99	/	/	<=30	Pass
		Outer_Full	20.37	/	/	17.77	/	/	<=30	Pass
		Inner_Full	21.30	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	18.97	/	/	<=30	Pass
	1720	Edge_1RB_Left	20.54	/	/	17.94	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	17.84	/	/	<=30	Pass
		Outer_Full	20.24	/	/	17.64	/	/	<=30	Pass
		Inner_Full	21.19	/	/	18.59	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	18.78	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.61	/	/	18.01	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	18.14	/	/	<=30	Pass
		Outer_Full	20.60	/	/	18.00	/	/	<=30	Pass
		Inner_Full	21.50	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	19.02	/	/	<=30	Pass

CP-OFDM 64 QAM	1745	Inner 1RB Right	21.75	/	/	19.15	/	/	<=30	Pass
		Edge 1RB Left	19.69	/	/	17.09	/	/	<=30	Pass
		Edge 1RB Right	19.73	/	/	17.13	/	/	<=30	Pass
		Outer Full	19.85	/	/	17.25	/	/	<=30	Pass
		Inner Full	19.79	/	/	17.19	/	/	<=30	Pass
		Inner 1RB Left	19.69	/	/	17.09	/	/	<=30	Pass
	1720	Inner 1RB Right	19.72	/	/	17.12	/	/	<=30	Pass
		Edge 1RB Left	19.66	/	/	17.06	/	/	<=30	Pass
		Edge 1RB Right	19.57	/	/	16.97	/	/	<=30	Pass
		Outer Full	19.74	/	/	17.14	/	/	<=30	Pass
		Inner Full	19.68	/	/	17.08	/	/	<=30	Pass
		Inner 1RB Left	19.70	/	/	17.10	/	/	<=30	Pass
	1770	Inner 1RB Right	19.56	/	/	16.96	/	/	<=30	Pass
		Edge 1RB Left	19.77	/	/	17.17	/	/	<=30	Pass
		Edge 1RB Right	19.90	/	/	17.30	/	/	<=30	Pass
		Outer Full	20.09	/	/	17.49	/	/	<=30	Pass
		Inner Full	20.01	/	/	17.41	/	/	<=30	Pass
		Inner 1RB Left	19.78	/	/	17.18	/	/	<=30	Pass
CP-OFDM 256 QAM	1745	Inner 1RB Right	19.91	/	/	17.31	/	/	<=30	Pass
		Edge 1RB Left	16.79	/	/	14.19	/	/	<=30	Pass
		Edge 1RB Right	17.01	/	/	14.41	/	/	<=30	Pass
		Outer Full	16.89	/	/	14.29	/	/	<=30	Pass
		Inner Full	16.85	/	/	14.25	/	/	<=30	Pass
		Inner 1RB Left	16.81	/	/	14.21	/	/	<=30	Pass
	1720	Inner 1RB Right	16.93	/	/	14.33	/	/	<=30	Pass
		Edge 1RB Left	16.67	/	/	14.07	/	/	<=30	Pass
		Edge 1RB Right	16.74	/	/	14.14	/	/	<=30	Pass
		Outer Full	16.70	/	/	14.10	/	/	<=30	Pass
		Inner Full	16.69	/	/	14.09	/	/	<=30	Pass
		Inner 1RB Left	16.69	/	/	14.09	/	/	<=30	Pass
	1770	Inner 1RB Right	16.72	/	/	14.12	/	/	<=30	Pass
		Edge 1RB Left	16.94	/	/	14.34	/	/	<=30	Pass
		Edge 1RB Right	17.19	/	/	14.59	/	/	<=30	Pass
		Outer Full	17.04	/	/	14.44	/	/	<=30	Pass
		Inner Full	17.02	/	/	14.42	/	/	<=30	Pass
		Inner 1RB Left	16.99	/	/	14.39	/	/	<=30	Pass
		Inner 1RB Right	17.07	/	/	14.47	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.60dBi;										
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	1745	Edge 1RB Left	22.65	/	/	20.05	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	20.12	/	/	<=30	Pass
		Outer Full	22.88	/	/	20.28	/	/	<=30	Pass
		Inner Full	23.32	/	/	20.72	/	/	<=30	Pass
		Inner 1RB Left	23.14	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Right	23.22	/	/	20.62	/	/	<=30	Pass
	1722.5	Edge 1RB Left	22.53	/	/	19.93	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	19.93	/	/	<=30	Pass
		Outer Full	22.65	/	/	20.05	/	/	<=30	Pass
		Inner Full	23.23	/	/	20.63	/	/	<=30	Pass
		Inner 1RB Left	23.07	/	/	20.47	/	/	<=30	Pass
		Inner 1RB Right	23.05	/	/	20.45	/	/	<=30	Pass
	1767.5	Edge 1RB Left	22.74	/	/	20.14	/	/	<=30	Pass

		Edge 1RB Right	22.92	/	/	20.32	/	/	<=30	Pass
		Outer Full	23.02	/	/	20.42	/	/	<=30	Pass
		Inner Full	23.54	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Left	23.25	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	20.84	/	/	<=30	Pass
DFT-s-OFDM QPSK	1745	Edge 1RB Left	22.24	/	/	19.64	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	19.78	/	/	<=30	Pass
		Outer Full	22.31	/	/	19.71	/	/	<=30	Pass
		Inner Full	23.34	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Left	23.31	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	20.84	/	/	<=30	Pass
	1722.5	Edge 1RB Left	22.15	/	/	19.55	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	19.53	/	/	<=30	Pass
		Outer Full	22.12	/	/	19.52	/	/	<=30	Pass
		Inner Full	23.24	/	/	20.64	/	/	<=30	Pass
		Inner 1RB Left	23.21	/	/	20.61	/	/	<=30	Pass
		Inner 1RB Right	23.17	/	/	20.57	/	/	<=30	Pass
	1767.5	Edge 1RB Left	22.40	/	/	19.80	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	19.97	/	/	<=30	Pass
		Outer Full	22.52	/	/	19.92	/	/	<=30	Pass
		Inner Full	23.53	/	/	20.93	/	/	<=30	Pass
		Inner 1RB Left	23.44	/	/	20.84	/	/	<=30	Pass
		Inner 1RB Right	23.59	/	/	20.99	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1745	Edge 1RB Left	21.40	/	/	18.80	/	/	<=30	Pass
		Edge 1RB Right	21.47	/	/	18.87	/	/	<=30	Pass
		Outer Full	21.38	/	/	18.78	/	/	<=30	Pass
		Inner Full	22.33	/	/	19.73	/	/	<=30	Pass
		Inner 1RB Left	22.40	/	/	19.80	/	/	<=30	Pass
		Inner 1RB Right	22.47	/	/	19.87	/	/	<=30	Pass
	1722.5	Edge 1RB Left	21.32	/	/	18.72	/	/	<=30	Pass
		Edge 1RB Right	21.30	/	/	18.70	/	/	<=30	Pass
		Outer Full	21.14	/	/	18.54	/	/	<=30	Pass
		Inner Full	22.21	/	/	19.61	/	/	<=30	Pass
		Inner 1RB Left	22.28	/	/	19.68	/	/	<=30	Pass
		Inner 1RB Right	22.30	/	/	19.70	/	/	<=30	Pass
	1767.5	Edge 1RB Left	21.50	/	/	18.90	/	/	<=30	Pass
		Edge 1RB Right	21.68	/	/	19.08	/	/	<=30	Pass
		Outer Full	21.57	/	/	18.97	/	/	<=30	Pass
		Inner Full	22.54	/	/	19.94	/	/	<=30	Pass
		Inner 1RB Left	22.51	/	/	19.91	/	/	<=30	Pass
		Inner 1RB Right	22.69	/	/	20.09	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1745	Edge 1RB Left	20.56	/	/	17.96	/	/	<=30	Pass
		Edge 1RB Right	20.62	/	/	18.02	/	/	<=30	Pass
		Outer Full	20.87	/	/	18.27	/	/	<=30	Pass
		Inner Full	20.86	/	/	18.26	/	/	<=30	Pass
		Inner 1RB Left	20.54	/	/	17.94	/	/	<=30	Pass
		Inner 1RB Right	20.61	/	/	18.01	/	/	<=30	Pass
	1722.5	Edge 1RB Left	20.42	/	/	17.82	/	/	<=30	Pass
		Edge 1RB Right	20.42	/	/	17.82	/	/	<=30	Pass
		Outer Full	20.70	/	/	18.10	/	/	<=30	Pass
		Inner Full	20.76	/	/	18.16	/	/	<=30	Pass
		Inner 1RB Left	20.42	/	/	17.82	/	/	<=30	Pass
		Inner 1RB Right	20.45	/	/	17.85	/	/	<=30	Pass
	1767.5	Edge 1RB Left	20.63	/	/	18.03	/	/	<=30	Pass
		Edge 1RB Right	20.81	/	/	18.21	/	/	<=30	Pass
		Outer Full	21.14	/	/	18.54	/	/	<=30	Pass
		Inner Full	21.09	/	/	18.49	/	/	<=30	Pass
		Inner 1RB Left	20.64	/	/	18.04	/	/	<=30	Pass
		Inner 1RB Right	20.80	/	/	18.20	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	1745	Edge_1RB_Left	18.62	/	/	16.02	/	/	<=30	Pass
		Edge_1RB_Right	18.77	/	/	16.17	/	/	<=30	Pass
		Outer_Full	18.82	/	/	16.22	/	/	<=30	Pass
		Inner_Full	18.78	/	/	16.18	/	/	<=30	Pass
		Inner_1RB_Left	18.61	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Right	18.77	/	/	16.17	/	/	<=30	Pass
	1722.5	Edge_1RB_Left	18.52	/	/	15.92	/	/	<=30	Pass
		Edge_1RB_Right	18.51	/	/	15.91	/	/	<=30	Pass
		Outer_Full	18.64	/	/	16.04	/	/	<=30	Pass
		Inner_Full	18.68	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Left	18.53	/	/	15.93	/	/	<=30	Pass
		Inner_1RB_Right	18.52	/	/	15.92	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	18.75	/	/	16.15	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	16.31	/	/	<=30	Pass
		Outer_Full	19.03	/	/	16.43	/	/	<=30	Pass
		Inner_Full	19.00	/	/	16.40	/	/	<=30	Pass
		Inner_1RB_Left	18.76	/	/	16.16	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	16.34	/	/	<=30	Pass
CP-OFDM QPSK	1745	Edge_1RB_Left	20.16	/	/	17.56	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	17.67	/	/	<=30	Pass
		Outer_Full	20.30	/	/	17.70	/	/	<=30	Pass
		Inner_Full	21.85	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	19.24	/	/	<=30	Pass
	1722.5	Edge_1RB_Left	20.06	/	/	17.46	/	/	<=30	Pass
		Edge_1RB_Right	20.08	/	/	17.48	/	/	<=30	Pass
		Outer_Full	20.09	/	/	17.49	/	/	<=30	Pass
		Inner_Full	21.74	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	19.00	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	20.29	/	/	17.69	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	17.87	/	/	<=30	Pass
		Outer_Full	20.51	/	/	17.91	/	/	<=30	Pass
		Inner_Full	22.03	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	19.39	/	/	<=30	Pass
CP-OFDM 16 QAM	1745	Edge_1RB_Left	20.47	/	/	17.87	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	17.95	/	/	<=30	Pass
		Outer_Full	20.34	/	/	17.74	/	/	<=30	Pass
		Inner_Full	21.36	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	18.90	/	/	<=30	Pass
	1722.5	Edge_1RB_Left	20.39	/	/	17.79	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	17.77	/	/	<=30	Pass
		Outer_Full	20.14	/	/	17.54	/	/	<=30	Pass
		Inner_Full	21.26	/	/	18.66	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	18.76	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	20.57	/	/	17.97	/	/	<=30	Pass
		Edge_1RB_Right	20.73	/	/	18.13	/	/	<=30	Pass
		Outer_Full	20.55	/	/	17.95	/	/	<=30	Pass
		Inner_Full	21.55	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Right	21.70	/	/	19.10	/	/	<=30	Pass
CP-OFDM 64 QAM	1745	Edge_1RB_Left	19.64	/	/	17.04	/	/	<=30	Pass
		Edge_1RB_Right	19.69	/	/	17.09	/	/	<=30	Pass
		Outer_Full	19.87	/	/	17.27	/	/	<=30	Pass
		Inner_Full	19.86	/	/	17.26	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	17.05	/	/	<=30	Pass

	1722.5	Inner_1RB_Right	19.69	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Left	19.55	/	/	16.95	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	16.95	/	/	<=30	Pass
		Outer_Full	19.66	/	/	17.06	/	/	<=30	Pass
		Inner_Full	19.74	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Right	19.53	/	/	16.93	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	19.74	/	/	17.14	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	17.28	/	/	<=30	Pass
		Outer_Full	20.10	/	/	17.50	/	/	<=30	Pass
		Inner_Full	20.07	/	/	17.47	/	/	<=30	Pass
		Inner_1RB_Left	19.74	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Right	19.89	/	/	17.29	/	/	<=30	Pass
	CP-OFDM 256 QAM	1745	Edge_1RB_Left	16.72	/	/	14.12	/	/	<=30
Edge_1RB_Right			16.84	/	/	14.24	/	/	<=30	Pass
Outer_Full			16.89	/	/	14.29	/	/	<=30	Pass
Inner_Full			16.85	/	/	14.25	/	/	<=30	Pass
Inner_1RB_Left			16.77	/	/	14.17	/	/	<=30	Pass
Inner_1RB_Right			16.89	/	/	14.29	/	/	<=30	Pass
1722.5		Edge_1RB_Left	16.58	/	/	13.98	/	/	<=30	Pass
		Edge_1RB_Right	16.65	/	/	14.05	/	/	<=30	Pass
		Outer_Full	16.64	/	/	14.04	/	/	<=30	Pass
		Inner_Full	16.65	/	/	14.05	/	/	<=30	Pass
		Inner_1RB_Left	16.62	/	/	14.02	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	14.06	/	/	<=30	Pass
1767.5		Edge_1RB_Left	16.91	/	/	14.31	/	/	<=30	Pass
		Edge_1RB_Right	17.03	/	/	14.43	/	/	<=30	Pass
		Outer_Full	17.02	/	/	14.42	/	/	<=30	Pass
		Inner_Full	16.98	/	/	14.38	/	/	<=30	Pass
		Inner_1RB_Left	16.94	/	/	14.34	/	/	<=30	Pass
		Inner_1RB_Right	17.04	/	/	14.44	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.60dBi;										
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	1745	Edge 1RB Left	22.73	/	/	20.13	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	20.17	/	/	<=30	Pass
		Outer Full	22.83	/	/	20.23	/	/	<=30	Pass
		Inner Full	23.31	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Left	23.20	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Right	23.28	/	/	20.68	/	/	<=30	Pass
	1725	Edge 1RB Left	22.70	/	/	20.10	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	20.05	/	/	<=30	Pass
		Outer Full	22.77	/	/	20.17	/	/	<=30	Pass
		Inner Full	23.32	/	/	20.72	/	/	<=30	Pass
		Inner 1RB Left	23.20	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Right	23.17	/	/	20.57	/	/	<=30	Pass
	1765	Edge 1RB Left	22.78	/	/	20.18	/	/	<=30	Pass
		Edge 1RB Right	22.94	/	/	20.34	/	/	<=30	Pass
		Outer Full	22.93	/	/	20.33	/	/	<=30	Pass
		Inner Full	23.48	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Left	23.33	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Right	23.46	/	/	20.86	/	/	<=30	Pass
DFT-s-OFDM QPSK	1745	Edge 1RB Left	22.33	/	/	19.73	/	/	<=30	Pass

		Edge_1RB_Right	22.38	/	/	19.78	/	/	<=30	Pass
		Outer_Full	22.27	/	/	19.67	/	/	<=30	Pass
		Inner_Full	23.32	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	20.83	/	/	<=30	Pass
	1725	Edge_1RB_Left	22.31	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.68	/	/	<=30	Pass
		Outer_Full	22.24	/	/	19.64	/	/	<=30	Pass
		Inner_Full	23.32	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	20.74	/	/	<=30	Pass
	1765	Inner_1RB_Right	23.30	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Left	22.46	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.03	/	/	<=30	Pass
		Outer_Full	22.44	/	/	19.84	/	/	<=30	Pass
		Inner_Full	23.48	/	/	20.88	/	/	<=30	Pass
DFT-s-OFDM 16 QAM		Inner_1RB_Left	23.56	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	21.09	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.46	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	18.95	/	/	<=30	Pass
		Outer_Full	21.30	/	/	18.70	/	/	<=30	Pass
		Inner_Full	22.33	/	/	19.73	/	/	<=30	Pass
	1725	Inner_1RB_Left	22.47	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Left	21.46	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	18.83	/	/	<=30	Pass
		Outer_Full	21.29	/	/	18.69	/	/	<=30	Pass
DFT-s-OFDM 64 QAM		Inner_Full	22.31	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	19.83	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.59	/	/	18.99	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	19.15	/	/	<=30	Pass
		Outer_Full	21.52	/	/	18.92	/	/	<=30	Pass
		Inner_Full	22.52	/	/	19.92	/	/	<=30	Pass
	1725	Inner_1RB_Left	22.57	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	20.11	/	/	<=30	Pass
DFT-s-OFDM 256 QAM		Edge_1RB_Left	20.60	/	/	18.00	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	18.07	/	/	<=30	Pass
		Outer_Full	20.83	/	/	18.23	/	/	<=30	Pass
		Inner_Full	20.85	/	/	18.25	/	/	<=30	Pass
	1745	Inner_1RB_Left	20.61	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Right	20.67	/	/	18.07	/	/	<=30	Pass
	1725	Edge_1RB_Left	20.61	/	/	18.01	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	17.95	/	/	<=30	Pass
		Outer_Full	20.79	/	/	18.19	/	/	<=30	Pass
		Inner_Full	20.83	/	/	18.23	/	/	<=30	Pass
	1765	Inner_1RB_Left	20.61	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	17.96	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.88	/	/	18.28	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	18.41	/	/	<=30	Pass
		Outer_Full	21.08	/	/	18.48	/	/	<=30	Pass
		Inner_Full	21.10	/	/	18.50	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	18.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1745	Edge_1RB_Left	18.70	/	/	16.10	/	/	<=30	Pass
		Edge_1RB_Right	18.75	/	/	16.15	/	/	<=30	Pass
		Outer_Full	18.81	/	/	16.21	/	/	<=30	Pass
		Inner_Full	18.79	/	/	16.19	/	/	<=30	Pass
		Inner_1RB_Left	18.69	/	/	16.09	/	/	<=30	Pass
		Inner_1RB_Right	18.77	/	/	16.17	/	/	<=30	Pass

	1725	Edge_1RB_Left	18.69	/	/	16.09	/	/	<=30	Pass
		Edge_1RB_Right	18.63	/	/	16.03	/	/	<=30	Pass
		Outer_Full	18.74	/	/	16.14	/	/	<=30	Pass
		Inner_Full	18.75	/	/	16.15	/	/	<=30	Pass
		Inner_1RB_Left	18.66	/	/	16.06	/	/	<=30	Pass
		Inner_1RB_Right	18.63	/	/	16.03	/	/	<=30	Pass
	1765	Edge_1RB_Left	18.83	/	/	16.23	/	/	<=30	Pass
		Edge_1RB_Right	19.02	/	/	16.42	/	/	<=30	Pass
		Outer_Full	18.97	/	/	16.37	/	/	<=30	Pass
		Inner_Full	18.95	/	/	16.35	/	/	<=30	Pass
		Inner_1RB_Left	18.85	/	/	16.25	/	/	<=30	Pass
		Inner_1RB_Right	19.02	/	/	16.42	/	/	<=30	Pass
CP-OFDM QPSK	1745	Edge_1RB_Left	20.25	/	/	17.65	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	17.80	/	/	<=30	Pass
		Outer_Full	20.26	/	/	17.66	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	19.28	/	/	<=30	Pass
	1725	Edge_1RB_Left	20.23	/	/	17.63	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	17.66	/	/	<=30	Pass
		Outer_Full	20.22	/	/	17.62	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	19.21	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.36	/	/	17.76	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	17.99	/	/	<=30	Pass
		Outer_Full	20.42	/	/	17.82	/	/	<=30	Pass
		Inner_Full	21.95	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Right	22.10	/	/	19.50	/	/	<=30	Pass
CP-OFDM 16 QAM	1745	Edge_1RB_Left	20.55	/	/	17.95	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	18.07	/	/	<=30	Pass
		Outer_Full	20.27	/	/	17.67	/	/	<=30	Pass
		Inner_Full	21.27	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	19.00	/	/	<=30	Pass
	1725	Edge_1RB_Left	20.53	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	17.97	/	/	<=30	Pass
		Outer_Full	20.24	/	/	17.64	/	/	<=30	Pass
		Inner_Full	21.25	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	18.95	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.65	/	/	18.05	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	18.25	/	/	<=30	Pass
		Outer_Full	20.47	/	/	17.87	/	/	<=30	Pass
		Inner_Full	21.42	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	19.22	/	/	<=30	Pass
CP-OFDM 64 QAM	1745	Edge_1RB_Left	19.74	/	/	17.14	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	17.25	/	/	<=30	Pass
		Outer_Full	19.81	/	/	17.21	/	/	<=30	Pass
		Inner_Full	19.82	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	17.17	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	17.21	/	/	<=30	Pass
	1725	Edge_1RB_Left	19.74	/	/	17.14	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	17.16	/	/	<=30	Pass
		Outer_Full	19.78	/	/	17.18	/	/	<=30	Pass
		Inner_Full	19.78	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	17.13	/	/	<=30	Pass

	1765	Inner 1RB Right	19.71	/	/	17.11	/	/	<=30	Pass
		Edge 1RB Left	19.79	/	/	17.19	/	/	<=30	Pass
		Edge 1RB Right	20.04	/	/	17.44	/	/	<=30	Pass
		Outer Full	20.03	/	/	17.43	/	/	<=30	Pass
		Inner Full	20.05	/	/	17.45	/	/	<=30	Pass
		Inner 1RB Left	19.83	/	/	17.23	/	/	<=30	Pass
		Inner 1RB Right	19.99	/	/	17.39	/	/	<=30	Pass
CP-OFDM 256 QAM	1745	Edge 1RB Left	16.78	/	/	14.18	/	/	<=30	Pass
		Edge 1RB Right	16.96	/	/	14.36	/	/	<=30	Pass
		Outer Full	16.82	/	/	14.22	/	/	<=30	Pass
		Inner Full	16.81	/	/	14.21	/	/	<=30	Pass
		Inner 1RB Left	16.81	/	/	14.21	/	/	<=30	Pass
		Inner 1RB Right	16.91	/	/	14.31	/	/	<=30	Pass
	1725	Edge 1RB Left	16.73	/	/	14.13	/	/	<=30	Pass
		Edge 1RB Right	16.83	/	/	14.23	/	/	<=30	Pass
		Outer Full	16.70	/	/	14.10	/	/	<=30	Pass
		Inner Full	16.71	/	/	14.11	/	/	<=30	Pass
		Inner 1RB Left	16.76	/	/	14.16	/	/	<=30	Pass
		Inner 1RB Right	16.81	/	/	14.21	/	/	<=30	Pass
	1765	Edge 1RB Left	16.93	/	/	14.33	/	/	<=30	Pass
		Edge 1RB Right	17.15	/	/	14.55	/	/	<=30	Pass
		Outer Full	16.94	/	/	14.34	/	/	<=30	Pass
		Inner Full	16.91	/	/	14.31	/	/	<=30	Pass
		Inner 1RB Left	16.96	/	/	14.36	/	/	<=30	Pass
		Inner 1RB Right	17.12	/	/	14.52	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_40MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Edge 1RB Left	22.66	/	/	20.06	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	20.21	/	/	<=30	Pass
		Outer Full	22.76	/	/	20.16	/	/	<=30	Pass
		Inner Full	23.32	/	/	20.72	/	/	<=30	Pass
		Inner 1RB Left	23.16	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	20.75	/	/	<=30	Pass
	1730	Edge 1RB Left	22.63	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	20.11	/	/	<=30	Pass
		Outer Full	22.62	/	/	20.02	/	/	<=30	Pass
		Inner Full	23.24	/	/	20.64	/	/	<=30	Pass
		Inner 1RB Left	23.14	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Right	23.22	/	/	20.62	/	/	<=30	Pass
	1760	Edge 1RB Left	22.57	/	/	19.97	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	20.30	/	/	<=30	Pass
		Outer Full	22.73	/	/	20.13	/	/	<=30	Pass
		Inner Full	23.35	/	/	20.75	/	/	<=30	Pass
		Inner 1RB Left	23.11	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	20.83	/	/	<=30	Pass
DFT-s-OFDM QPSK	1745	Edge 1RB Left	22.27	/	/	19.67	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	19.81	/	/	<=30	Pass
		Outer Full	22.25	/	/	19.65	/	/	<=30	Pass
		Inner Full	23.30	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	23.34	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Right	23.47	/	/	20.87	/	/	<=30	Pass
	1730	Edge 1RB Left	22.25	/	/	19.65	/	/	<=30	Pass

		Edge 1RB Right	22.32	/	/	19.72	/	/	<=30	Pass
		Outer Full	22.12	/	/	19.52	/	/	<=30	Pass
		Inner Full	23.20	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Left	23.29	/	/	20.69	/	/	<=30	Pass
		Inner 1RB Right	23.43	/	/	20.83	/	/	<=30	Pass
	1760	Edge 1RB Left	22.19	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	19.96	/	/	<=30	Pass
		Outer Full	22.26	/	/	19.66	/	/	<=30	Pass
		Inner Full	23.36	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Left	23.25	/	/	20.65	/	/	<=30	Pass
	Inner 1RB Right	23.64	/	/	21.04	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	1745	Edge 1RB Left	21.40	/	/	18.80	/	/	<=30	Pass
		Edge 1RB Right	21.59	/	/	18.99	/	/	<=30	Pass
		Outer Full	21.29	/	/	18.69	/	/	<=30	Pass
		Inner Full	22.32	/	/	19.72	/	/	<=30	Pass
		Inner 1RB Left	22.39	/	/	19.79	/	/	<=30	Pass
		Inner 1RB Right	22.41	/	/	19.81	/	/	<=30	Pass
	1730	Edge 1RB Left	21.37	/	/	18.77	/	/	<=30	Pass
		Edge 1RB Right	21.49	/	/	18.89	/	/	<=30	Pass
		Outer Full	21.17	/	/	18.57	/	/	<=30	Pass
		Inner Full	22.24	/	/	19.64	/	/	<=30	Pass
		Inner 1RB Left	22.36	/	/	19.76	/	/	<=30	Pass
		Inner 1RB Right	22.44	/	/	19.84	/	/	<=30	Pass
	1760	Edge 1RB Left	21.36	/	/	18.76	/	/	<=30	Pass
		Edge 1RB Right	21.66	/	/	19.06	/	/	<=30	Pass
		Outer Full	21.31	/	/	18.71	/	/	<=30	Pass
		Inner Full	22.44	/	/	19.84	/	/	<=30	Pass
		Inner 1RB Left	22.35	/	/	19.75	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	20.04	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1745	Edge 1RB Left	20.52	/	/	17.92	/	/	<=30	Pass
		Edge 1RB Right	20.68	/	/	18.08	/	/	<=30	Pass
		Outer Full	20.83	/	/	18.23	/	/	<=30	Pass
		Inner Full	20.83	/	/	18.23	/	/	<=30	Pass
		Inner 1RB Left	20.52	/	/	17.92	/	/	<=30	Pass
		Inner 1RB Right	20.71	/	/	18.11	/	/	<=30	Pass
	1730	Edge 1RB Left	20.50	/	/	17.90	/	/	<=30	Pass
		Edge 1RB Right	20.59	/	/	17.99	/	/	<=30	Pass
		Outer Full	20.68	/	/	18.08	/	/	<=30	Pass
		Inner Full	20.76	/	/	18.16	/	/	<=30	Pass
		Inner 1RB Left	20.52	/	/	17.92	/	/	<=30	Pass
		Inner 1RB Right	20.60	/	/	18.00	/	/	<=30	Pass
	1760	Edge 1RB Left	20.49	/	/	17.89	/	/	<=30	Pass
		Edge 1RB Right	20.76	/	/	18.16	/	/	<=30	Pass
		Outer Full	20.82	/	/	18.22	/	/	<=30	Pass
		Inner Full	20.89	/	/	18.29	/	/	<=30	Pass
		Inner 1RB Left	20.50	/	/	17.90	/	/	<=30	Pass
		Inner 1RB Right	20.79	/	/	18.19	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1745	Edge 1RB Left	18.61	/	/	16.01	/	/	<=30	Pass
		Edge 1RB Right	18.79	/	/	16.19	/	/	<=30	Pass
		Outer Full	18.74	/	/	16.14	/	/	<=30	Pass
		Inner Full	18.78	/	/	16.18	/	/	<=30	Pass
		Inner 1RB Left	18.64	/	/	16.04	/	/	<=30	Pass
		Inner 1RB Right	18.80	/	/	16.20	/	/	<=30	Pass
	1730	Edge 1RB Left	18.57	/	/	15.97	/	/	<=30	Pass
		Edge 1RB Right	18.69	/	/	16.09	/	/	<=30	Pass
		Outer Full	18.62	/	/	16.02	/	/	<=30	Pass
		Inner Full	18.71	/	/	16.11	/	/	<=30	Pass
Inner 1RB Left		18.58	/	/	15.98	/	/	<=30	Pass	
	Inner 1RB Right	18.69	/	/	16.09	/	/	<=30	Pass	

	1760	Edge_1RB_Left	18.57	/	/	15.97	/	/	<=30	Pass
		Edge_1RB_Right	18.89	/	/	16.29	/	/	<=30	Pass
		Outer_Full	18.76	/	/	16.16	/	/	<=30	Pass
		Inner_Full	18.87	/	/	16.27	/	/	<=30	Pass
		Inner_1RB_Left	18.57	/	/	15.97	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	16.31	/	/	<=30	Pass
CP-OFDM QPSK	1745	Edge_1RB_Left	20.18	/	/	17.58	/	/	<=30	Pass
		Edge_1RB_Right	20.39	/	/	17.79	/	/	<=30	Pass
		Outer_Full	20.24	/	/	17.64	/	/	<=30	Pass
		Inner_Full	21.81	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	19.29	/	/	<=30	Pass
	1730	Edge_1RB_Left	20.12	/	/	17.52	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	17.66	/	/	<=30	Pass
		Outer_Full	20.10	/	/	17.50	/	/	<=30	Pass
		Inner_Full	21.73	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	19.19	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.13	/	/	17.53	/	/	<=30	Pass
		Edge_1RB_Right	20.45	/	/	17.85	/	/	<=30	Pass
		Outer_Full	20.24	/	/	17.64	/	/	<=30	Pass
		Inner_Full	21.86	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	19.40	/	/	<=30	Pass
CP-OFDM 16 QAM	1745	Edge_1RB_Left	20.48	/	/	17.88	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	18.07	/	/	<=30	Pass
		Outer_Full	20.26	/	/	17.66	/	/	<=30	Pass
		Inner_Full	21.28	/	/	18.68	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	19.02	/	/	<=30	Pass
	1730	Edge_1RB_Left	20.42	/	/	17.82	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	17.90	/	/	<=30	Pass
		Outer_Full	20.16	/	/	17.56	/	/	<=30	Pass
		Inner_Full	21.21	/	/	18.61	/	/	<=30	Pass
		Inner_1RB_Left	21.46	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	18.89	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.41	/	/	17.81	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	18.12	/	/	<=30	Pass
		Outer_Full	20.30	/	/	17.70	/	/	<=30	Pass
		Inner_Full	21.34	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	19.12	/	/	<=30	Pass
CP-OFDM 64 QAM	1745	Edge_1RB_Left	19.63	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	17.26	/	/	<=30	Pass
		Outer_Full	19.79	/	/	17.19	/	/	<=30	Pass
		Inner_Full	19.80	/	/	17.20	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Right	19.83	/	/	17.23	/	/	<=30	Pass
	1730	Edge_1RB_Left	19.60	/	/	17.00	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	17.10	/	/	<=30	Pass
		Outer_Full	19.66	/	/	17.06	/	/	<=30	Pass
		Inner_Full	19.72	/	/	17.12	/	/	<=30	Pass
		Inner_1RB_Left	19.66	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Right	19.65	/	/	17.05	/	/	<=30	Pass
	1760	Edge_1RB_Left	19.76	/	/	17.16	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	17.27	/	/	<=30	Pass
		Outer_Full	19.82	/	/	17.22	/	/	<=30	Pass
		Inner_Full	19.86	/	/	17.26	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	17.03	/	/	<=30	Pass

		Inner 1RB Right	19.88	/	/	17.28	/	/	<=30	Pass
CP-OFDM 256 QAM	1745	Edge 1RB Left	16.65	/	/	14.05	/	/	<=30	Pass
		Edge 1RB Right	16.88	/	/	14.28	/	/	<=30	Pass
		Outer_Full	16.78	/	/	14.18	/	/	<=30	Pass
		Inner_Full	16.82	/	/	14.22	/	/	<=30	Pass
		Inner 1RB Left	16.71	/	/	14.11	/	/	<=30	Pass
		Inner 1RB Right	16.86	/	/	14.26	/	/	<=30	Pass
		Edge 1RB Left	16.61	/	/	14.01	/	/	<=30	Pass
	1730	Edge 1RB Right	16.83	/	/	14.23	/	/	<=30	Pass
		Outer_Full	16.62	/	/	14.02	/	/	<=30	Pass
		Inner_Full	16.65	/	/	14.05	/	/	<=30	Pass
		Inner 1RB Left	16.66	/	/	14.06	/	/	<=30	Pass
		Inner 1RB Right	16.79	/	/	14.19	/	/	<=30	Pass
		Edge 1RB Left	16.64	/	/	14.04	/	/	<=30	Pass
	1760	Edge 1RB Right	17.03	/	/	14.43	/	/	<=30	Pass
		Outer_Full	16.76	/	/	14.16	/	/	<=30	Pass
		Inner_Full	16.81	/	/	14.21	/	/	<=30	Pass
		Inner 1RB Left	16.71	/	/	14.11	/	/	<=30	Pass
		Inner 1RB Right	16.99	/	/	14.39	/	/	<=30	Pass
		Note1: Antenna Gain: Ant2: -2.60dBi; 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 QPSK	1745	Outer_Full	20	LV	2.90	0.0017	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	3.40	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	5.80	0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	6.80	0.0039	>=-2.5 & <=2.5	Pass
			0	NV	3.50	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	5.40	0.0031	>=-2.5 & <=2.5	Pass
			20	NV	2.40	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0030	>=-2.5 & <=2.5	Pass
			40	NV	2.20	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	6.20	0.0036	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n66 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	4.56	5.03	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	4.54	5.00	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	4.53	4.97	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	4.55	5.02	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	4.54	5.01	/	Pass
CP-OFDM QPSK	1745	Outer_Full	4.52	4.99	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	4.53	4.95	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	4.52	5.00	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	4.52	4.99	/	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	1745	Outer_Full	9.06	9.73	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	9.05	9.71	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	9.08	9.80	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	9.08	9.79	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	9.00	9.68	/	Pass
CP-OFDM QPSK	1745	Outer_Full	9.39	10.09	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	9.36	10.03	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	9.39	10.06	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	9.37	10.04	/	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	1745	Outer_Full	13.61	14.57	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	13.55	14.59	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	13.55	14.57	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	13.58	14.59	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	13.55	14.54	/	Pass
CP-OFDM QPSK	1745	Outer_Full	14.21	15.30	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	14.28	15.31	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	14.29	15.30	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	14.28	15.28	/	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	1745	Outer_Full	18.15	19.39	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	18.12	19.43	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	18.12	19.43	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	18.12	19.43	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	18.06	19.39	/	Pass
CP-OFDM QPSK	1745	Outer_Full	19.19	20.90	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	19.14	20.45	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	19.17	20.49	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	19.10	20.45	/	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	1745	Outer_Full	23.11	24.72	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	23.11	24.75	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	23.09	24.75	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	23.13	24.79	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	23.07	24.69	/	Pass
CP-OFDM QPSK	1745	Outer_Full	23.97	25.65	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	23.92	25.64	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	24.03	25.64	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	23.95	25.62	/	Pass

3.1.6 15k_SISO_30MHz_NTNV

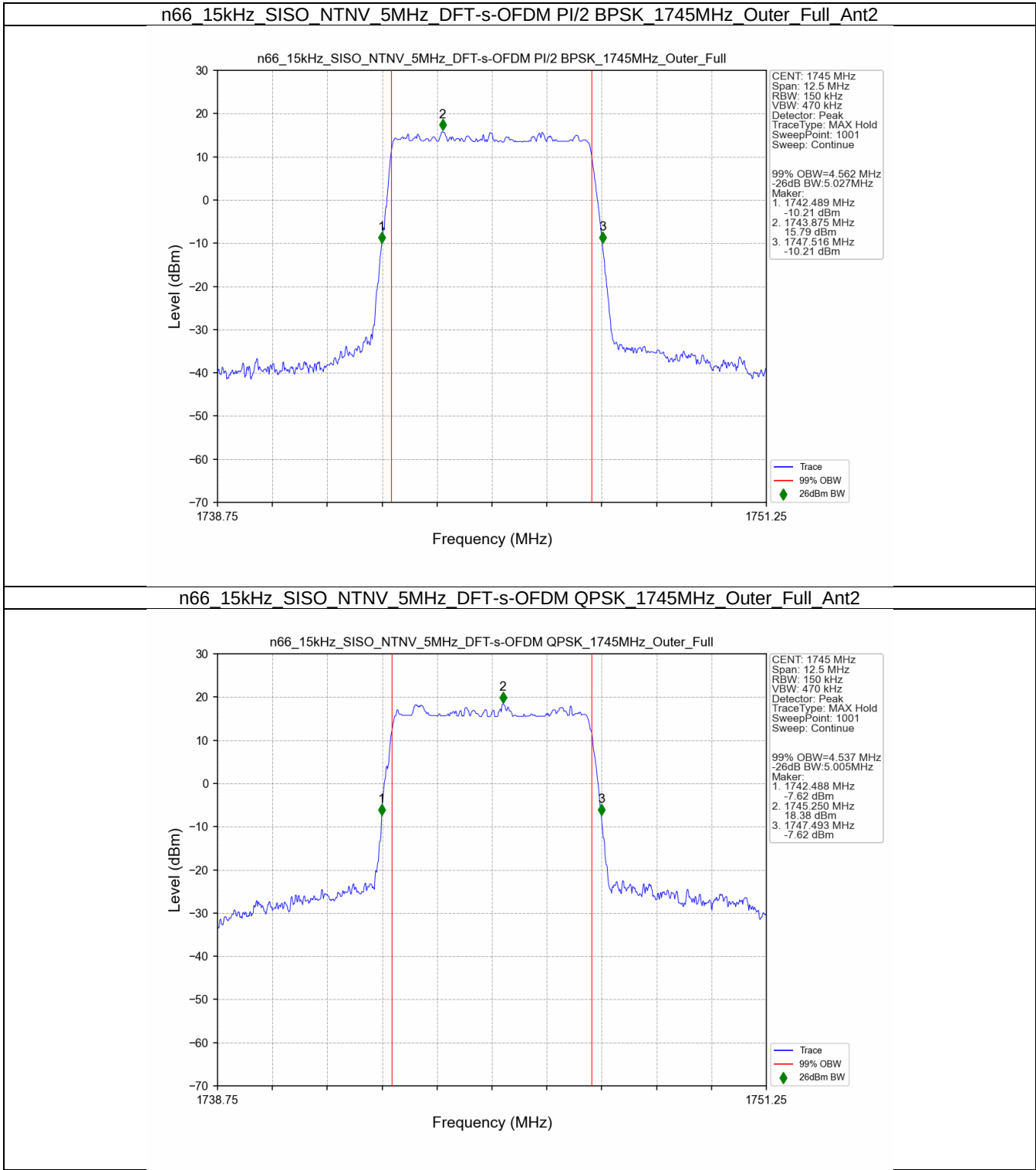
5G NR n66 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	29.01	30.88	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	28.80	30.83	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	28.82	30.88	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	28.91	30.93	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	28.80	30.86	/	Pass
CP-OFDM QPSK	1745	Outer_Full	28.91	30.83	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	28.86	30.79	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	28.81	30.87	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	28.81	30.83	/	Pass

3.1.7 15k_SISO_40MHz_NTNV

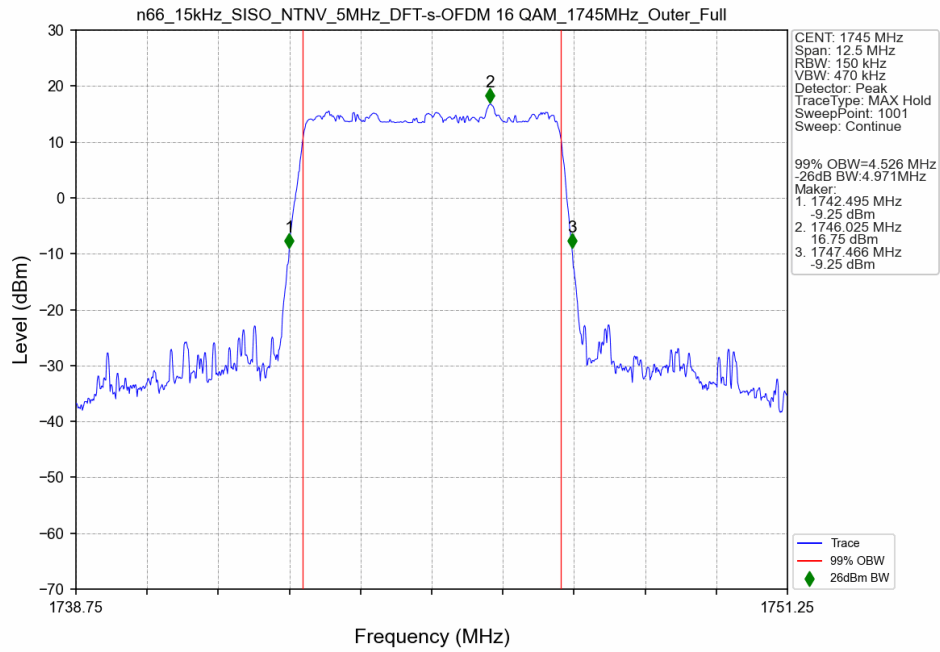
5G NR n66 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	39.02	41.58	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	38.80	41.60	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	38.79	41.49	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	38.97	41.53	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	38.95	41.50	/	Pass
CP-OFDM QPSK	1745	Outer_Full	38.85	41.47	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	38.90	41.56	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	38.79	41.55	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	38.84	41.53	/	Pass

3.2 Test Graph

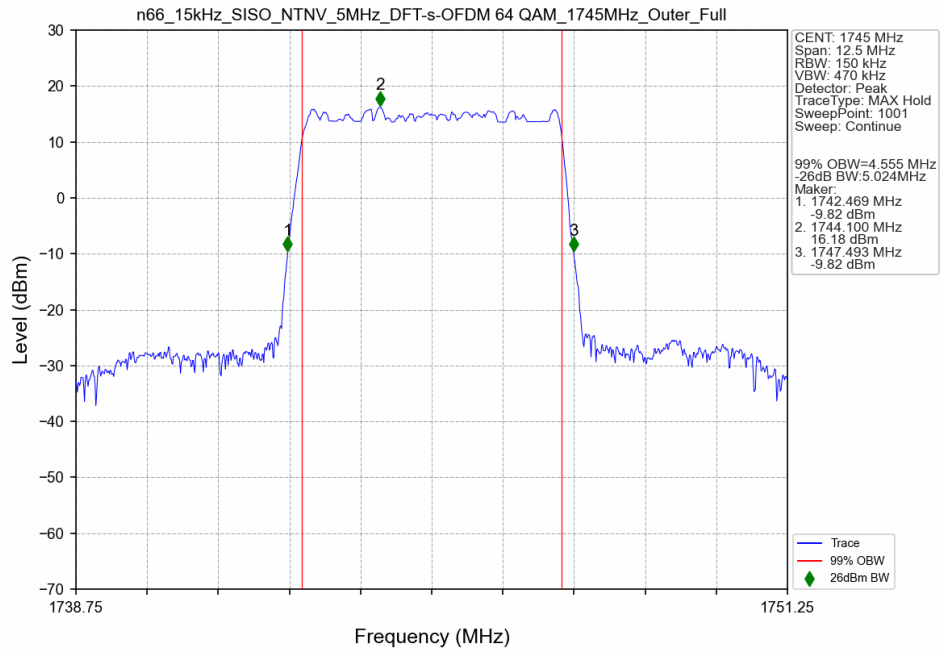
3.2.1 15k_SISO_5MHz_NTNV



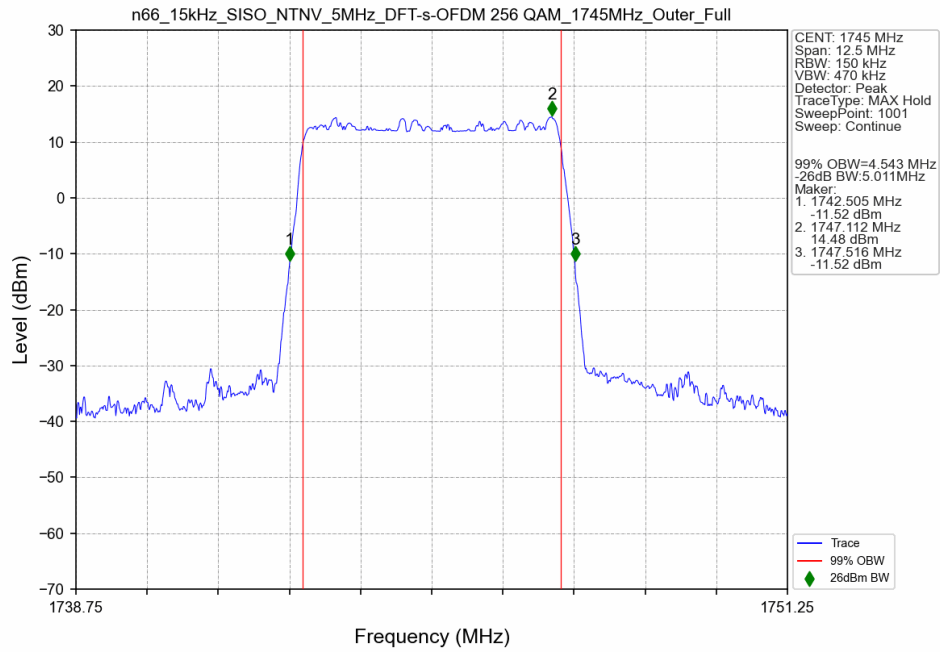
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1745MHz Outer Full Ant2



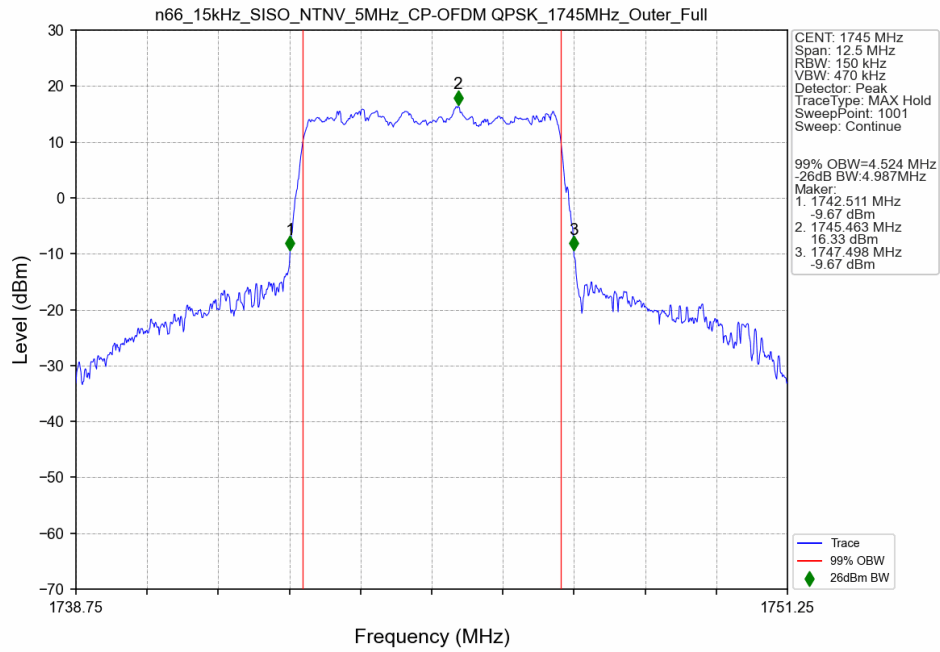
n66 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1745MHz Outer Full Ant2



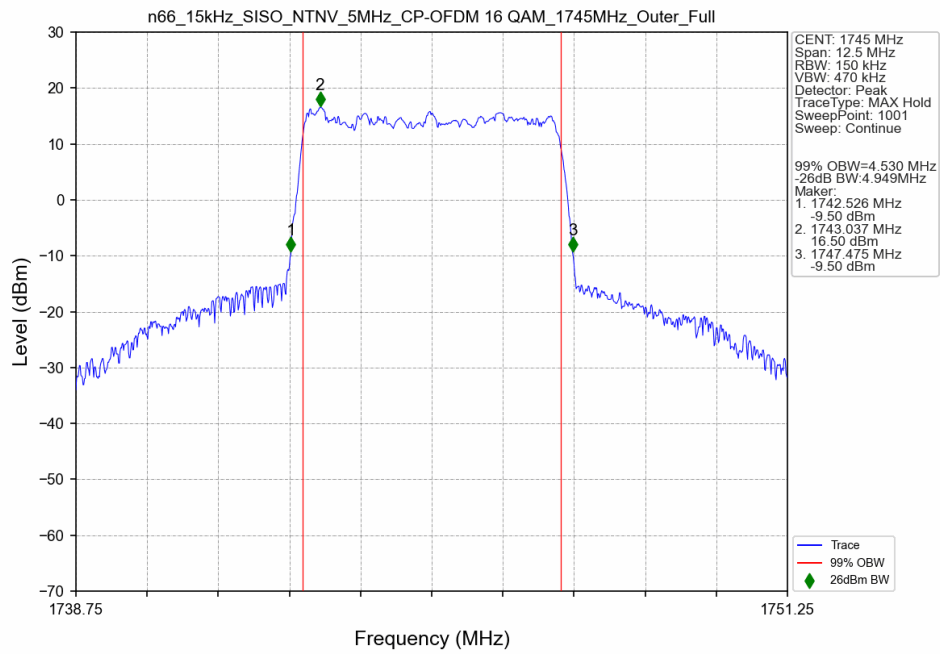
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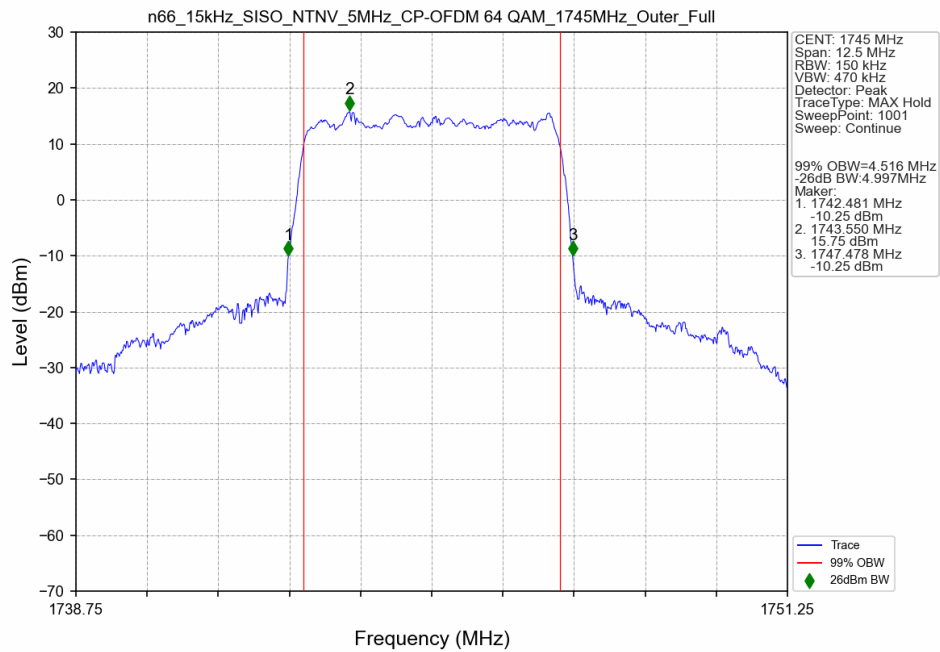
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1745MHz_Outer_Full_Ant2



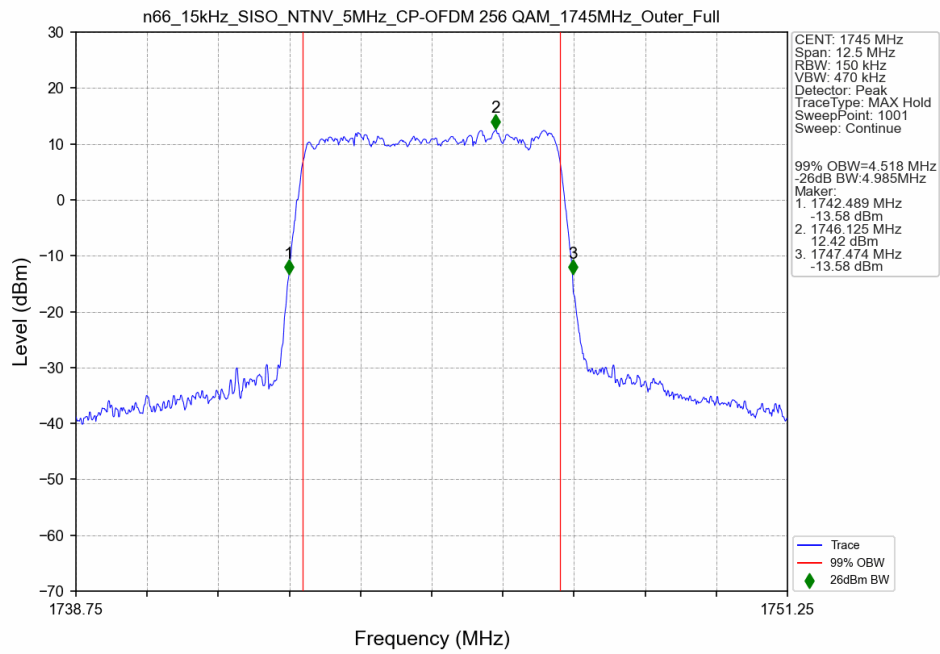
n66 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 1745MHz Outer Full Ant2



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



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_1745MHz_Outer_Full_Ant2



3.2.2 15k_SISO_10MHz_NTNV

