



Appendix A.33

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge_1RB_Left	22.20	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.56	/	/	<=30	Pass
		Outer_Full	22.19	/	/	23.60	/	/	<=30	Pass
		Inner_Full	22.52	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	24.10	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.83	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	23.23	/	/	<=30	Pass
		Outer_Full	21.86	/	/	23.27	/	/	<=30	Pass
		Inner_Full	22.28	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	23.67	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.80	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	22.99	/	/	<=30	Pass
		Outer_Full	21.68	/	/	23.09	/	/	<=30	Pass
		Inner_Full	22.17	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	23.44	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	21.69	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	23.03	/	/	<=30	Pass
		Outer_Full	21.70	/	/	23.11	/	/	<=30	Pass
		Inner_Full	22.64	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	23.98	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.36	/	/	22.77	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	22.67	/	/	<=30	Pass
		Outer_Full	21.33	/	/	22.74	/	/	<=30	Pass
		Inner_Full	22.25	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	23.68	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.30	/	/	22.71	/	/	<=30	Pass
		Edge_1RB_Right	21.09	/	/	22.50	/	/	<=30	Pass
		Outer_Full	21.16	/	/	22.57	/	/	<=30	Pass
		Inner_Full	22.06	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	22.10	/	/	23.51	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge_1RB_Left	20.45	/	/	21.86	/	/	<=30	Pass
		Edge_1RB_Right	20.36	/	/	21.77	/	/	<=30	Pass
		Outer_Full	20.63	/	/	22.04	/	/	<=30	Pass
		Inner_Full	21.70	/	/	23.11	/	/	<=30	Pass

		Inner_1RB_Left	21.42	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	22.76	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.27	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Right	20.21	/	/	21.62	/	/	<=30	Pass
		Outer_Full	20.37	/	/	21.78	/	/	<=30	Pass
		Inner_Full	21.50	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	21.18	/	/	22.59	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.10	/	/	21.51	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	21.34	/	/	<=30	Pass
		Outer_Full	20.24	/	/	21.65	/	/	<=30	Pass
		Inner_Full	21.19	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	21.12	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.19	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge_1RB_Left	20.15	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	20.20	/	/	21.61	/	/	<=30	Pass
		Outer_Full	20.08	/	/	21.49	/	/	<=30	Pass
		Inner_Full	20.11	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	20.19	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	20.21	/	/	21.62	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.00	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	21.34	/	/	<=30	Pass
		Outer_Full	19.84	/	/	21.25	/	/	<=30	Pass
		Inner_Full	19.89	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	19.96	/	/	21.37	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	19.85	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	21.08	/	/	<=30	Pass
		Outer_Full	19.56	/	/	20.97	/	/	<=30	Pass
		Inner_Full	19.73	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	19.73	/	/	21.14	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge_1RB_Left	17.61	/	/	19.02	/	/	<=30	Pass
		Edge_1RB_Right	17.59	/	/	19.00	/	/	<=30	Pass
		Outer_Full	18.08	/	/	19.49	/	/	<=30	Pass
		Inner_Full	18.11	/	/	19.52	/	/	<=30	Pass
		Inner_1RB_Left	17.64	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Right	17.59	/	/	19.00	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.30	/	/	18.71	/	/	<=30	Pass
		Edge_1RB_Right	17.27	/	/	18.68	/	/	<=30	Pass
		Outer_Full	17.76	/	/	19.17	/	/	<=30	Pass
		Inner_Full	17.85	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Left	17.32	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Right	17.28	/	/	18.69	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	17.21	/	/	18.62	/	/	<=30	Pass
		Edge_1RB_Right	17.06	/	/	18.47	/	/	<=30	Pass
		Outer_Full	17.69	/	/	19.10	/	/	<=30	Pass
		Inner_Full	17.75	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	17.23	/	/	18.64	/	/	<=30	Pass
		Inner_1RB_Right	17.13	/	/	18.54	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge_1RB_Left	19.72	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	21.07	/	/	<=30	Pass
		Outer_Full	19.58	/	/	20.99	/	/	<=30	Pass

		Inner Full	21.23	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Left	21.09	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Right	21.02	/	/	22.43	/	/	<=30	Pass
	1745	Edge 1RB Left	19.40	/	/	20.81	/	/	<=30	Pass
		Edge 1RB Right	19.35	/	/	20.76	/	/	<=30	Pass
		Outer Full	19.30	/	/	20.71	/	/	<=30	Pass
		Inner Full	20.84	/	/	22.25	/	/	<=30	Pass
		Inner 1RB Left	20.83	/	/	22.24	/	/	<=30	Pass
		Inner 1RB Right	20.73	/	/	22.14	/	/	<=30	Pass
	1777.5	Edge 1RB Left	19.29	/	/	20.70	/	/	<=30	Pass
		Edge 1RB Right	19.16	/	/	20.57	/	/	<=30	Pass
		Outer Full	19.19	/	/	20.60	/	/	<=30	Pass
		Inner Full	20.84	/	/	22.25	/	/	<=30	Pass
		Inner 1RB Left	20.70	/	/	22.11	/	/	<=30	Pass
		Inner 1RB Right	20.55	/	/	21.96	/	/	<=30	Pass
CP-OFDM 16 QAM	1712.5	Edge 1RB Left	19.64	/	/	21.05	/	/	<=30	Pass
		Edge 1RB Right	19.64	/	/	21.05	/	/	<=30	Pass
		Outer Full	19.57	/	/	20.98	/	/	<=30	Pass
		Inner Full	20.50	/	/	21.91	/	/	<=30	Pass
		Inner 1RB Left	20.65	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Right	20.67	/	/	22.08	/	/	<=30	Pass
	1745	Edge 1RB Left	19.43	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	19.35	/	/	20.76	/	/	<=30	Pass
		Outer Full	19.37	/	/	20.78	/	/	<=30	Pass
		Inner Full	20.29	/	/	21.70	/	/	<=30	Pass
		Inner 1RB Left	20.33	/	/	21.74	/	/	<=30	Pass
		Inner 1RB Right	20.37	/	/	21.78	/	/	<=30	Pass
	1777.5	Edge 1RB Left	19.12	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	19.01	/	/	20.42	/	/	<=30	Pass
		Outer Full	19.23	/	/	20.64	/	/	<=30	Pass
		Inner Full	20.14	/	/	21.55	/	/	<=30	Pass
		Inner 1RB Left	20.33	/	/	21.74	/	/	<=30	Pass
		Inner 1RB Right	20.06	/	/	21.47	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge 1RB Left	19.24	/	/	20.65	/	/	<=30	Pass
		Edge 1RB Right	19.26	/	/	20.67	/	/	<=30	Pass
		Outer Full	19.09	/	/	20.50	/	/	<=30	Pass
		Inner Full	19.15	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Left	19.24	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Right	19.24	/	/	20.65	/	/	<=30	Pass
	1745	Edge 1RB Left	18.93	/	/	20.34	/	/	<=30	Pass
		Edge 1RB Right	18.96	/	/	20.37	/	/	<=30	Pass
		Outer Full	18.78	/	/	20.19	/	/	<=30	Pass
		Inner Full	18.96	/	/	20.37	/	/	<=30	Pass
		Inner 1RB Left	18.91	/	/	20.32	/	/	<=30	Pass
		Inner 1RB Right	18.85	/	/	20.26	/	/	<=30	Pass
	1777.5	Edge 1RB Left	18.77	/	/	20.18	/	/	<=30	Pass
		Edge 1RB Right	18.69	/	/	20.10	/	/	<=30	Pass
		Outer Full	18.69	/	/	20.10	/	/	<=30	Pass
		Inner Full	18.78	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Left	18.84	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Right	18.77	/	/	20.18	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge 1RB Left	15.65	/	/	17.06	/	/	<=30	Pass
		Edge 1RB Right	15.64	/	/	17.05	/	/	<=30	Pass

		Outer_Full	16.14	/	/	17.55	/	/	<=30	Pass
		Inner_Full	16.11	/	/	17.52	/	/	<=30	Pass
		Inner_1RB_Left	15.64	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Right	15.61	/	/	17.02	/	/	<=30	Pass
	1745	Edge_1RB_Left	15.39	/	/	16.80	/	/	<=30	Pass
		Edge_1RB_Right	15.36	/	/	16.77	/	/	<=30	Pass
		Outer_Full	15.85	/	/	17.26	/	/	<=30	Pass
		Inner_Full	15.93	/	/	17.34	/	/	<=30	Pass
		Inner_1RB_Left	15.38	/	/	16.79	/	/	<=30	Pass
	1777.5	Inner_1RB_Right	15.37	/	/	16.78	/	/	<=30	Pass
		Edge_1RB_Left	15.34	/	/	16.75	/	/	<=30	Pass
		Edge_1RB_Right	15.10	/	/	16.51	/	/	<=30	Pass
		Outer_Full	15.56	/	/	16.97	/	/	<=30	Pass
		Inner_Full	15.81	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Left	15.28	/	/	16.69	/	/	<=30	Pass
		Inner_1RB_Right	15.16	/	/	16.57	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 1.41dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15_S_10M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1715	Edge_1RB_Left	22.11	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	23.43	/	/	<=30	Pass
		Outer_Full	22.18	/	/	23.59	/	/	<=30	Pass
		Inner_Full	22.65	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	23.99	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.79	/	/	23.20	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	23.16	/	/	<=30	Pass
		Outer_Full	21.90	/	/	23.31	/	/	<=30	Pass
		Inner_Full	22.33	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	22.15	/	/	23.56	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.77	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	23.03	/	/	<=30	Pass
		Outer_Full	21.79	/	/	23.20	/	/	<=30	Pass
		Inner_Full	22.20	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	23.54	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	21.69	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	22.97	/	/	<=30	Pass
		Outer_Full	21.64	/	/	23.05	/	/	<=30	Pass
		Inner_Full	22.66	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	23.94	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.28	/	/	22.69	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	22.57	/	/	<=30	Pass
		Outer_Full	21.32	/	/	22.73	/	/	<=30	Pass

		Inner Full	22.28	/	/	23.69	/	/	<=30	Pass
		Inner 1RB Left	22.34	/	/	23.75	/	/	<=30	Pass
		Inner 1RB Right	22.16	/	/	23.57	/	/	<=30	Pass
	1775	Edge 1RB Left	21.22	/	/	22.63	/	/	<=30	Pass
		Edge 1RB Right	20.97	/	/	22.38	/	/	<=30	Pass
		Outer Full	21.21	/	/	22.62	/	/	<=30	Pass
		Inner Full	22.27	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Left	22.31	/	/	23.72	/	/	<=30	Pass
		Inner 1RB Right	21.93	/	/	23.34	/	/	<=30	Pass
		Edge 1RB Left	20.48	/	/	21.89	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge 1RB Right	20.43	/	/	21.84	/	/	<=30	Pass
		Outer Full	20.64	/	/	22.05	/	/	<=30	Pass
		Inner Full	21.69	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Left	21.53	/	/	22.94	/	/	<=30	Pass
		Inner 1RB Right	21.36	/	/	22.77	/	/	<=30	Pass
		Edge 1RB Left	20.18	/	/	21.59	/	/	<=30	Pass
	1745	Edge 1RB Right	20.07	/	/	21.48	/	/	<=30	Pass
		Outer Full	20.23	/	/	21.64	/	/	<=30	Pass
		Inner Full	21.35	/	/	22.76	/	/	<=30	Pass
		Inner 1RB Left	21.24	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Right	21.04	/	/	22.45	/	/	<=30	Pass
		Edge 1RB Left	20.14	/	/	21.55	/	/	<=30	Pass
	1775	Edge 1RB Right	19.86	/	/	21.27	/	/	<=30	Pass
		Outer Full	20.22	/	/	21.63	/	/	<=30	Pass
		Inner Full	21.27	/	/	22.68	/	/	<=30	Pass
		Inner 1RB Left	21.16	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Right	20.80	/	/	22.21	/	/	<=30	Pass
		Edge 1RB Left	20.23	/	/	21.64	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1715	Edge 1RB Right	20.21	/	/	21.62	/	/	<=30	Pass
		Outer Full	20.21	/	/	21.62	/	/	<=30	Pass
		Inner Full	20.21	/	/	21.62	/	/	<=30	Pass
		Inner 1RB Left	20.33	/	/	21.74	/	/	<=30	Pass
		Inner 1RB Right	20.27	/	/	21.68	/	/	<=30	Pass
		Edge 1RB Left	19.93	/	/	21.34	/	/	<=30	Pass
	1745	Edge 1RB Right	19.86	/	/	21.27	/	/	<=30	Pass
		Outer Full	19.80	/	/	21.21	/	/	<=30	Pass
		Inner Full	19.80	/	/	21.21	/	/	<=30	Pass
		Inner 1RB Left	19.91	/	/	21.32	/	/	<=30	Pass
		Inner 1RB Right	19.83	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Left	19.90	/	/	21.31	/	/	<=30	Pass
	1775	Edge 1RB Right	19.66	/	/	21.07	/	/	<=30	Pass
		Outer Full	19.72	/	/	21.13	/	/	<=30	Pass
		Inner Full	19.73	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Left	19.96	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Right	19.72	/	/	21.13	/	/	<=30	Pass
		Edge 1RB Left	17.57	/	/	18.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge 1RB Right	17.59	/	/	19.00	/	/	<=30	Pass
		Outer Full	18.17	/	/	19.58	/	/	<=30	Pass
		Inner Full	18.11	/	/	19.52	/	/	<=30	Pass
		Inner 1RB Left	17.65	/	/	19.06	/	/	<=30	Pass
		Inner 1RB Right	17.56	/	/	18.97	/	/	<=30	Pass
		Edge 1RB Left	17.25	/	/	18.66	/	/	<=30	Pass
	1745	Edge 1RB Right	17.13	/	/	18.54	/	/	<=30	Pass

		Outer_Full	17.71	/	/	19.12	/	/	<=30	Pass
		Inner_Full	17.73	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Left	17.30	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	17.20	/	/	18.61	/	/	<=30	Pass
	1775	Edge_1RB_Left	17.24	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Right	16.96	/	/	18.37	/	/	<=30	Pass
		Outer_Full	17.68	/	/	19.09	/	/	<=30	Pass
		Inner_Full	17.69	/	/	19.10	/	/	<=30	Pass
		Inner_1RB_Left	17.30	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	16.98	/	/	18.39	/	/	<=30	Pass
		Edge_1RB_Left	19.69	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	19.51	/	/	20.92	/	/	<=30	Pass
CP-OFDM QPSK	1715	Outer_Full	19.77	/	/	21.18	/	/	<=30	Pass
		Inner_Full	21.15	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	21.10	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	21.13	/	/	22.54	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.28	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	19.11	/	/	20.52	/	/	<=30	Pass
		Outer_Full	19.33	/	/	20.74	/	/	<=30	Pass
		Inner_Full	20.79	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	20.78	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	22.04	/	/	<=30	Pass
	1775	Edge_1RB_Left	19.24	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	18.98	/	/	20.39	/	/	<=30	Pass
		Outer_Full	19.22	/	/	20.63	/	/	<=30	Pass
		Inner_Full	20.66	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	20.70	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	20.46	/	/	21.87	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge_1RB_Left	19.69	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	19.60	/	/	21.01	/	/	<=30	Pass
		Outer_Full	19.69	/	/	21.10	/	/	<=30	Pass
		Inner_Full	20.57	/	/	21.98	/	/	<=30	Pass
	1745	Inner_1RB_Left	20.72	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Left	19.24	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	19.13	/	/	20.54	/	/	<=30	Pass
	1775	Outer_Full	19.29	/	/	20.70	/	/	<=30	Pass
		Inner_Full	20.27	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	20.18	/	/	21.59	/	/	<=30	Pass
CP-OFDM 64 QAM	1715	Edge_1RB_Left	19.30	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	19.08	/	/	20.49	/	/	<=30	Pass
		Outer_Full	19.19	/	/	20.60	/	/	<=30	Pass
		Inner_Full	20.16	/	/	21.57	/	/	<=30	Pass
	1745	Inner_1RB_Left	20.26	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	20.07	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Left	19.24	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	19.26	/	/	20.67	/	/	<=30	Pass
	1775	Outer_Full	19.20	/	/	20.61	/	/	<=30	Pass
		Inner_Full	19.19	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	19.30	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	20.60	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.89	/	/	20.30	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	18.82	/	/	20.23	/	/	<=30	Pass
		Outer Full	18.81	/	/	20.22	/	/	<=30	Pass
		Inner Full	18.82	/	/	20.23	/	/	<=30	Pass
		Inner 1RB Left	18.81	/	/	20.22	/	/	<=30	Pass
		Inner 1RB Right	18.76	/	/	20.17	/	/	<=30	Pass
	1775	Edge 1RB Left	18.87	/	/	20.28	/	/	<=30	Pass
		Edge 1RB Right	18.61	/	/	20.02	/	/	<=30	Pass
		Outer Full	18.72	/	/	20.13	/	/	<=30	Pass
		Inner Full	18.73	/	/	20.14	/	/	<=30	Pass
		Inner 1RB Left	18.83	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Right	18.64	/	/	20.05	/	/	<=30	Pass
	1715	Edge 1RB Left	15.66	/	/	17.07	/	/	<=30	Pass
		Edge 1RB Right	15.60	/	/	17.01	/	/	<=30	Pass
		Outer Full	16.13	/	/	17.54	/	/	<=30	Pass
		Inner Full	16.16	/	/	17.57	/	/	<=30	Pass
		Inner 1RB Left	15.71	/	/	17.12	/	/	<=30	Pass
	1745	Inner 1RB Right	15.53	/	/	16.94	/	/	<=30	Pass
		Edge 1RB Left	15.28	/	/	16.69	/	/	<=30	Pass
		Edge 1RB Right	15.18	/	/	16.59	/	/	<=30	Pass
		Outer Full	15.69	/	/	17.10	/	/	<=30	Pass
		Inner Full	15.82	/	/	17.23	/	/	<=30	Pass
	1775	Inner 1RB Left	15.32	/	/	16.73	/	/	<=30	Pass
		Inner 1RB Right	15.20	/	/	16.61	/	/	<=30	Pass
		Edge 1RB Left	15.47	/	/	16.88	/	/	<=30	Pass
		Edge 1RB Right	15.08	/	/	16.49	/	/	<=30	Pass
		Outer Full	15.63	/	/	17.04	/	/	<=30	Pass
		Inner Full	15.63	/	/	17.04	/	/	<=30	Pass
		Inner 1RB Left	15.40	/	/	16.81	/	/	<=30	Pass
		Inner 1RB Right	15.11	/	/	16.52	/	/	<=30	Pass

Note1: Antenna Gain: Ant0: 1.41dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 15_S_15M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Edge 1RB Left	22.22	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	23.53	/	/	<=30	Pass
		Outer Full	22.24	/	/	23.65	/	/	<=30	Pass
		Inner Full	22.67	/	/	24.08	/	/	<=30	Pass
		Inner 1RB Left	22.72	/	/	24.13	/	/	<=30	Pass
		Inner 1RB Right	22.58	/	/	23.99	/	/	<=30	Pass
	1745	Edge 1RB Left	21.93	/	/	23.34	/	/	<=30	Pass
		Edge 1RB Right	21.78	/	/	23.19	/	/	<=30	Pass
		Outer Full	21.92	/	/	23.33	/	/	<=30	Pass
		Inner Full	22.33	/	/	23.74	/	/	<=30	Pass
		Inner 1RB Left	22.43	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Right	22.25	/	/	23.66	/	/	<=30	Pass
	1772.5	Edge 1RB Left	21.84	/	/	23.25	/	/	<=30	Pass
		Edge 1RB Right	21.54	/	/	22.95	/	/	<=30	Pass

DFT-s-OFDM QPSK		Outer_Full	21.83	/	/	23.24	/	/	<=30	Pass
		Inner_Full	22.33	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	23.48	/	/	<=30	Pass
	1717.5	Edge_1RB_Left	21.76	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	23.00	/	/	<=30	Pass
		Outer_Full	21.71	/	/	23.12	/	/	<=30	Pass
		Inner_Full	22.70	/	/	24.11	/	/	<=30	Pass
	1745	Inner_1RB_Left	22.63	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Left	21.51	/	/	22.92	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	22.76	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	21.39	/	/	22.80	/	/	<=30	Pass
		Inner_Full	22.32	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Right	22.23	/	/	23.64	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.37	/	/	22.78	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	22.46	/	/	<=30	Pass
		Outer_Full	21.35	/	/	22.76	/	/	<=30	Pass
		Inner_Full	22.32	/	/	23.73	/	/	<=30	Pass
	1717.5	Inner_1RB_Left	22.43	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Left	20.59	/	/	22.00	/	/	<=30	Pass
		Edge_1RB_Right	20.42	/	/	21.83	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	20.78	/	/	22.19	/	/	<=30	Pass
		Inner_Full	21.75	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	22.74	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.42	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	21.50	/	/	<=30	Pass
		Outer_Full	20.48	/	/	21.89	/	/	<=30	Pass
		Inner_Full	21.38	/	/	22.79	/	/	<=30	Pass
	1772.5	Inner_1RB_Left	21.30	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	22.46	/	/	<=30	Pass
		Edge_1RB_Left	20.25	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	21.26	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	20.41	/	/	21.82	/	/	<=30	Pass
		Inner_Full	21.36	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.25	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.38	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	20.23	/	/	21.64	/	/	<=30	Pass
		Outer_Full	20.26	/	/	21.67	/	/	<=30	Pass
		Inner_Full	20.29	/	/	21.70	/	/	<=30	Pass
	1772.5	Inner_1RB_Left	20.39	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Left	20.06	/	/	21.47	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	21.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	19.88	/	/	21.29	/	/	<=30	Pass
		Inner_Full	19.93	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	20.04	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	21.22	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.05	/	/	21.46	/	/	<=30	Pass

		Edge 1RB Right	19.67	/	/	21.08	/	/	<=30	Pass
		Outer Full	19.88	/	/	21.29	/	/	<=30	Pass
		Inner Full	19.90	/	/	21.31	/	/	<=30	Pass
		Inner 1RB Left	20.04	/	/	21.45	/	/	<=30	Pass
		Inner 1RB Right	19.76	/	/	21.17	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1717.5	Edge 1RB Left	17.77	/	/	19.18	/	/	<=30	Pass
		Edge 1RB Right	17.54	/	/	18.95	/	/	<=30	Pass
		Outer Full	18.22	/	/	19.63	/	/	<=30	Pass
		Inner Full	18.15	/	/	19.56	/	/	<=30	Pass
		Inner 1RB Left	17.75	/	/	19.16	/	/	<=30	Pass
	1745	Inner 1RB Right	17.62	/	/	19.03	/	/	<=30	Pass
		Edge 1RB Left	17.40	/	/	18.81	/	/	<=30	Pass
		Edge 1RB Right	17.26	/	/	18.67	/	/	<=30	Pass
		Outer Full	17.84	/	/	19.25	/	/	<=30	Pass
		Inner Full	17.83	/	/	19.24	/	/	<=30	Pass
	1772.5	Inner 1RB Left	17.38	/	/	18.79	/	/	<=30	Pass
		Inner 1RB Right	17.25	/	/	18.66	/	/	<=30	Pass
		Edge 1RB Left	17.33	/	/	18.74	/	/	<=30	Pass
		Edge 1RB Right	17.09	/	/	18.50	/	/	<=30	Pass
		Outer Full	17.80	/	/	19.21	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Inner Full	17.75	/	/	19.16	/	/	<=30	Pass
		Inner 1RB Left	17.34	/	/	18.75	/	/	<=30	Pass
		Inner 1RB Right	17.02	/	/	18.43	/	/	<=30	Pass
	1745	Edge 1RB Left	19.82	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	19.71	/	/	21.12	/	/	<=30	Pass
		Outer Full	19.73	/	/	21.14	/	/	<=30	Pass
		Inner Full	21.17	/	/	22.58	/	/	<=30	Pass
		Inner 1RB Left	21.32	/	/	22.73	/	/	<=30	Pass
	1772.5	Inner 1RB Right	21.16	/	/	22.57	/	/	<=30	Pass
		Edge 1RB Left	19.56	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	19.29	/	/	20.70	/	/	<=30	Pass
		Outer Full	19.37	/	/	20.78	/	/	<=30	Pass
		Inner Full	20.82	/	/	22.23	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Inner 1RB Left	21.03	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Right	20.81	/	/	22.22	/	/	<=30	Pass
	1772.5	Edge 1RB Left	19.51	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	19.02	/	/	20.43	/	/	<=30	Pass
		Outer Full	19.27	/	/	20.68	/	/	<=30	Pass
		Inner Full	20.74	/	/	22.15	/	/	<=30	Pass
	1745	Inner 1RB Left	20.86	/	/	22.27	/	/	<=30	Pass
		Inner 1RB Right	20.52	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Left	19.83	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	19.68	/	/	21.09	/	/	<=30	Pass
		Outer Full	19.71	/	/	21.12	/	/	<=30	Pass
	1717.5	Inner Full	20.77	/	/	22.18	/	/	<=30	Pass
		Inner 1RB Left	20.79	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Right	20.79	/	/	22.20	/	/	<=30	Pass
	1745	Edge 1RB Left	19.48	/	/	20.89	/	/	<=30	Pass
		Edge 1RB Right	19.37	/	/	20.78	/	/	<=30	Pass
		Outer Full	19.40	/	/	20.81	/	/	<=30	Pass
		Inner Full	20.41	/	/	21.82	/	/	<=30	Pass
		Inner 1RB Left	20.51	/	/	21.92	/	/	<=30	Pass
		Inner 1RB Right	20.39	/	/	21.80	/	/	<=30	Pass

	1772.5	Edge_1RB_Left	19.34	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	19.08	/	/	20.49	/	/	<=30	Pass
		Outer_Full	19.30	/	/	20.71	/	/	<=30	Pass
		Inner_Full	20.38	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Left	20.53	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	20.24	/	/	21.65	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	19.41	/	/	20.82	/	/	<=30	Pass
		Edge_1RB_Right	19.27	/	/	20.68	/	/	<=30	Pass
		Outer_Full	19.22	/	/	20.63	/	/	<=30	Pass
		Inner_Full	19.19	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	19.31	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	19.18	/	/	20.59	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.09	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	18.88	/	/	20.29	/	/	<=30	Pass
		Outer_Full	18.89	/	/	20.30	/	/	<=30	Pass
		Inner_Full	18.83	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	19.11	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	20.41	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	19.07	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	18.72	/	/	20.13	/	/	<=30	Pass
		Outer_Full	18.78	/	/	20.19	/	/	<=30	Pass
		Inner_Full	18.76	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	19.01	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	18.81	/	/	20.22	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	15.86	/	/	17.27	/	/	<=30	Pass
		Edge_1RB_Right	15.61	/	/	17.02	/	/	<=30	Pass
		Outer_Full	16.20	/	/	17.61	/	/	<=30	Pass
		Inner_Full	16.21	/	/	17.62	/	/	<=30	Pass
		Inner_1RB_Left	15.87	/	/	17.28	/	/	<=30	Pass
		Inner_1RB_Right	15.72	/	/	17.13	/	/	<=30	Pass
	1745	Edge_1RB_Left	15.56	/	/	16.97	/	/	<=30	Pass
		Edge_1RB_Right	15.33	/	/	16.74	/	/	<=30	Pass
		Outer_Full	15.78	/	/	17.19	/	/	<=30	Pass
		Inner_Full	15.84	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Left	15.51	/	/	16.92	/	/	<=30	Pass
		Inner_1RB_Right	15.29	/	/	16.70	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	15.43	/	/	16.84	/	/	<=30	Pass
		Edge_1RB_Right	15.11	/	/	16.52	/	/	<=30	Pass
		Outer_Full	15.71	/	/	17.12	/	/	<=30	Pass
		Inner_Full	15.82	/	/	17.23	/	/	<=30	Pass
		Inner_1RB_Left	15.41	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	15.10	/	/	16.51	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 1.41dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15_S_20M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	1720	Edge_1RB_Left	22.21	/	/	23.62	/	/	<=30	Pass

BPSK		Edge 1RB Right	22.00	/	/	23.41	/	/	<=30	Pass
		Outer Full	22.17	/	/	23.58	/	/	<=30	Pass
		Inner Full	22.64	/	/	24.05	/	/	<=30	Pass
		Inner 1RB Left	22.74	/	/	24.15	/	/	<=30	Pass
	1745	Inner 1RB Right	22.47	/	/	23.88	/	/	<=30	Pass
		Edge 1RB Left	22.00	/	/	23.41	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	23.15	/	/	<=30	Pass
		Outer Full	21.89	/	/	23.30	/	/	<=30	Pass
	1770	Inner Full	22.35	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Left	22.48	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Right	22.22	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Left	21.83	/	/	23.24	/	/	<=30	Pass
		Edge 1RB Right	21.51	/	/	22.92	/	/	<=30	Pass
		Outer Full	21.85	/	/	23.26	/	/	<=30	Pass
		Inner Full	22.39	/	/	23.80	/	/	<=30	Pass
		Inner 1RB Left	22.30	/	/	23.71	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	23.43	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge 1RB Left	21.75	/	/	23.16	/	/	<=30	Pass
		Edge 1RB Right	21.44	/	/	22.85	/	/	<=30	Pass
		Outer Full	21.72	/	/	23.13	/	/	<=30	Pass
		Inner Full	22.67	/	/	24.08	/	/	<=30	Pass
	1745	Inner 1RB Left	22.74	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Right	22.53	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Left	21.55	/	/	22.96	/	/	<=30	Pass
		Edge 1RB Right	21.23	/	/	22.64	/	/	<=30	Pass
	1770	Outer Full	21.38	/	/	22.79	/	/	<=30	Pass
		Inner Full	22.40	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Left	22.49	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Right	22.23	/	/	23.64	/	/	<=30	Pass
		Edge 1RB Left	21.31	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Right	21.06	/	/	22.47	/	/	<=30	Pass
		Outer Full	21.37	/	/	22.78	/	/	<=30	Pass
		Inner Full	22.39	/	/	23.80	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Inner 1RB Left	22.24	/	/	23.65	/	/	<=30	Pass
		Inner 1RB Right	22.10	/	/	23.51	/	/	<=30	Pass
	1745	Edge 1RB Left	20.62	/	/	22.03	/	/	<=30	Pass
		Edge 1RB Right	20.43	/	/	21.84	/	/	<=30	Pass
		Outer Full	20.66	/	/	22.07	/	/	<=30	Pass
		Inner Full	21.64	/	/	23.05	/	/	<=30	Pass
	1770	Inner 1RB Left	21.43	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Right	21.24	/	/	22.65	/	/	<=30	Pass
		Edge 1RB Left	20.44	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	20.05	/	/	21.46	/	/	<=30	Pass
		Outer Full	20.39	/	/	21.80	/	/	<=30	Pass
		Inner Full	21.43	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Left	21.40	/	/	22.81	/	/	<=30	Pass
		Inner 1RB Right	21.04	/	/	22.45	/	/	<=30	Pass
		Edge 1RB Left	20.01	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	19.68	/	/	21.09	/	/	<=30	Pass
		Outer Full	20.30	/	/	21.71	/	/	<=30	Pass
		Inner Full	21.35	/	/	22.76	/	/	<=30	Pass
		Inner 1RB Left	21.03	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Right	20.80	/	/	22.21	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	1720	Edge_1RB_Left	20.26	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	21.52	/	/	<=30	Pass
		Outer_Full	20.26	/	/	21.67	/	/	<=30	Pass
		Inner_Full	20.25	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	20.35	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	20.19	/	/	21.60	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.12	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	21.35	/	/	<=30	Pass
		Outer_Full	19.98	/	/	21.39	/	/	<=30	Pass
		Inner_Full	19.94	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	20.13	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	19.90	/	/	21.31	/	/	<=30	Pass
	1770	Edge_1RB_Left	19.83	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	21.06	/	/	<=30	Pass
		Outer_Full	19.81	/	/	21.22	/	/	<=30	Pass
		Inner_Full	19.92	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	19.68	/	/	21.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Edge_1RB_Left	17.70	/	/	19.11	/	/	<=30	Pass
		Edge_1RB_Right	17.51	/	/	18.92	/	/	<=30	Pass
		Outer_Full	18.18	/	/	19.59	/	/	<=30	Pass
		Inner_Full	18.16	/	/	19.57	/	/	<=30	Pass
		Inner_1RB_Left	17.61	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Right	17.51	/	/	18.92	/	/	<=30	Pass
	1745	Edge_1RB_Left	17.43	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	17.25	/	/	18.66	/	/	<=30	Pass
		Outer_Full	17.94	/	/	19.35	/	/	<=30	Pass
		Inner_Full	17.86	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	17.49	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	17.22	/	/	18.63	/	/	<=30	Pass
	1770	Edge_1RB_Left	17.21	/	/	18.62	/	/	<=30	Pass
		Edge_1RB_Right	17.03	/	/	18.44	/	/	<=30	Pass
		Outer_Full	17.73	/	/	19.14	/	/	<=30	Pass
		Inner_Full	17.82	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Left	17.19	/	/	18.60	/	/	<=30	Pass
		Inner_1RB_Right	16.96	/	/	18.37	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge_1RB_Left	19.78	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	20.88	/	/	<=30	Pass
		Outer_Full	19.65	/	/	21.06	/	/	<=30	Pass
		Inner_Full	21.19	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	21.00	/	/	22.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	19.58	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	19.25	/	/	20.66	/	/	<=30	Pass
		Outer_Full	19.33	/	/	20.74	/	/	<=30	Pass
		Inner_Full	20.79	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	21.04	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	20.69	/	/	22.10	/	/	<=30	Pass
	1770	Edge_1RB_Left	19.30	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	18.97	/	/	20.38	/	/	<=30	Pass
		Outer_Full	19.29	/	/	20.70	/	/	<=30	Pass
		Inner_Full	20.84	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	20.79	/	/	22.20	/	/	<=30	Pass

CP-OFDM 16 QAM	1720	Inner 1RB Right	20.45	/	/	21.86	/	/	<=30	Pass
		Edge 1RB Left	19.62	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	19.50	/	/	20.91	/	/	<=30	Pass
		Outer Full	19.62	/	/	21.03	/	/	<=30	Pass
		Inner Full	20.71	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Left	20.72	/	/	22.13	/	/	<=30	Pass
	1745	Inner 1RB Right	20.45	/	/	21.86	/	/	<=30	Pass
		Edge 1RB Left	19.50	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	19.32	/	/	20.73	/	/	<=30	Pass
		Outer Full	19.27	/	/	20.68	/	/	<=30	Pass
		Inner Full	20.38	/	/	21.79	/	/	<=30	Pass
		Inner 1RB Left	20.51	/	/	21.92	/	/	<=30	Pass
	1770	Inner 1RB Right	20.28	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Left	19.45	/	/	20.86	/	/	<=30	Pass
		Edge 1RB Right	19.16	/	/	20.57	/	/	<=30	Pass
		Outer Full	19.31	/	/	20.72	/	/	<=30	Pass
		Inner Full	20.36	/	/	21.77	/	/	<=30	Pass
		Inner 1RB Left	20.25	/	/	21.66	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Inner 1RB Right	20.05	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Left	19.43	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	19.13	/	/	20.54	/	/	<=30	Pass
		Outer Full	19.22	/	/	20.63	/	/	<=30	Pass
		Inner Full	19.24	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Left	19.31	/	/	20.72	/	/	<=30	Pass
	1745	Inner 1RB Right	18.95	/	/	20.36	/	/	<=30	Pass
		Edge 1RB Left	19.16	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	18.92	/	/	20.33	/	/	<=30	Pass
		Outer Full	18.87	/	/	20.28	/	/	<=30	Pass
		Inner Full	18.92	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Left	19.00	/	/	20.41	/	/	<=30	Pass
	1770	Inner 1RB Right	18.91	/	/	20.32	/	/	<=30	Pass
		Edge 1RB Left	18.81	/	/	20.22	/	/	<=30	Pass
		Edge 1RB Right	18.59	/	/	20.00	/	/	<=30	Pass
		Outer Full	18.76	/	/	20.17	/	/	<=30	Pass
		Inner Full	18.84	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Left	18.94	/	/	20.35	/	/	<=30	Pass
CP-OFDM 256 QAM	1720	Inner 1RB Right	18.57	/	/	19.98	/	/	<=30	Pass
		Edge 1RB Left	15.77	/	/	17.18	/	/	<=30	Pass
		Edge 1RB Right	15.56	/	/	16.97	/	/	<=30	Pass
		Outer Full	16.21	/	/	17.62	/	/	<=30	Pass
		Inner Full	16.17	/	/	17.58	/	/	<=30	Pass
		Inner 1RB Left	15.75	/	/	17.16	/	/	<=30	Pass
	1745	Inner 1RB Right	15.52	/	/	16.93	/	/	<=30	Pass
		Edge 1RB Left	15.57	/	/	16.98	/	/	<=30	Pass
		Edge 1RB Right	15.32	/	/	16.73	/	/	<=30	Pass
		Outer Full	15.86	/	/	17.27	/	/	<=30	Pass
		Inner Full	15.80	/	/	17.21	/	/	<=30	Pass
		Inner 1RB Left	15.51	/	/	16.92	/	/	<=30	Pass
	1770	Inner 1RB Right	15.21	/	/	16.62	/	/	<=30	Pass
		Edge 1RB Left	15.38	/	/	16.79	/	/	<=30	Pass
		Edge 1RB Right	15.04	/	/	16.45	/	/	<=30	Pass
		Outer Full	15.69	/	/	17.10	/	/	<=30	Pass
		Inner Full	15.74	/	/	17.15	/	/	<=30	Pass



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		Inner_1RB_Left	15.33	/	/	16.74	/	/	<=30	Pass
		Inner_1RB_Right	15.01	/	/	16.42	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 1.41dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15_S_25M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1722.5	Edge_1RB_Left	22.45	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.76	/	/	<=30	Pass
		Outer_Full	22.15	/	/	23.56	/	/	<=30	Pass
		Inner_Full	22.70	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	24.09	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.20	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	23.57	/	/	<=30	Pass
		Outer_Full	21.87	/	/	23.28	/	/	<=30	Pass
		Inner_Full	22.30	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	23.90	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	22.04	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	23.24	/	/	<=30	Pass
		Outer_Full	21.83	/	/	23.24	/	/	<=30	Pass
		Inner_Full	22.41	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	22.31	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	23.66	/	/	<=30	Pass
DFT-s-OFDM QPSK	1722.5	Edge_1RB_Left	21.96	/	/	23.37	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	23.34	/	/	<=30	Pass
		Outer_Full	21.71	/	/	23.12	/	/	<=30	Pass
		Inner_Full	22.69	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	24.22	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.68	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	23.16	/	/	<=30	Pass
		Outer_Full	21.40	/	/	22.81	/	/	<=30	Pass
		Inner_Full	22.27	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	24.11	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	21.56	/	/	22.97	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	22.94	/	/	<=30	Pass
		Outer_Full	21.30	/	/	22.71	/	/	<=30	Pass
		Inner_Full	22.36	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	23.85	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1722.5	Edge_1RB_Left	20.84	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	20.79	/	/	22.20	/	/	<=30	Pass
		Outer_Full	20.73	/	/	22.14	/	/	<=30	Pass
		Inner_Full	21.77	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	23.12	/	/	<=30	Pass

	1745	Inner 1RB Right	21.70	/	/	23.11	/	/	<=30	Pass
		Edge 1RB Left	20.62	/	/	22.03	/	/	<=30	Pass
		Edge 1RB Right	20.42	/	/	21.83	/	/	<=30	Pass
		Outer Full	20.32	/	/	21.73	/	/	<=30	Pass
		Inner Full	21.32	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Left	21.47	/	/	22.88	/	/	<=30	Pass
	1767.5	Inner 1RB Right	21.28	/	/	22.69	/	/	<=30	Pass
		Edge 1RB Left	20.31	/	/	21.72	/	/	<=30	Pass
		Edge 1RB Right	20.34	/	/	21.75	/	/	<=30	Pass
		Outer Full	20.32	/	/	21.73	/	/	<=30	Pass
		Inner Full	21.44	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Left	21.45	/	/	22.86	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1722.5	Inner 1RB Right	21.22	/	/	22.63	/	/	<=30	Pass
		Edge 1RB Left	20.50	/	/	21.91	/	/	<=30	Pass
		Edge 1RB Right	20.51	/	/	21.92	/	/	<=30	Pass
		Outer Full	20.09	/	/	21.50	/	/	<=30	Pass
		Inner Full	20.18	/	/	21.59	/	/	<=30	Pass
		Inner 1RB Left	20.49	/	/	21.90	/	/	<=30	Pass
	1745	Inner 1RB Right	20.42	/	/	21.83	/	/	<=30	Pass
		Edge 1RB Left	20.28	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Right	20.27	/	/	21.68	/	/	<=30	Pass
		Outer Full	19.80	/	/	21.21	/	/	<=30	Pass
		Inner Full	19.83	/	/	21.24	/	/	<=30	Pass
		Inner 1RB Left	20.28	/	/	21.69	/	/	<=30	Pass
	1767.5	Inner 1RB Right	20.18	/	/	21.59	/	/	<=30	Pass
		Edge 1RB Left	20.19	/	/	21.60	/	/	<=30	Pass
		Edge 1RB Right	20.06	/	/	21.47	/	/	<=30	Pass
		Outer Full	19.79	/	/	21.20	/	/	<=30	Pass
		Inner Full	19.98	/	/	21.39	/	/	<=30	Pass
		Inner 1RB Left	20.12	/	/	21.53	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1722.5	Inner 1RB Right	20.05	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Left	17.87	/	/	19.28	/	/	<=30	Pass
		Edge 1RB Right	17.75	/	/	19.16	/	/	<=30	Pass
		Outer Full	18.08	/	/	19.49	/	/	<=30	Pass
		Inner Full	18.12	/	/	19.53	/	/	<=30	Pass
		Inner 1RB Left	17.88	/	/	19.29	/	/	<=30	Pass
	1745	Inner 1RB Right	17.67	/	/	19.08	/	/	<=30	Pass
		Edge 1RB Left	17.62	/	/	19.03	/	/	<=30	Pass
		Edge 1RB Right	17.84	/	/	19.25	/	/	<=30	Pass
		Outer Full	17.77	/	/	19.18	/	/	<=30	Pass
		Inner Full	17.89	/	/	19.30	/	/	<=30	Pass
		Inner 1RB Left	17.77	/	/	19.18	/	/	<=30	Pass
	1767.5	Inner 1RB Right	17.74	/	/	19.15	/	/	<=30	Pass
		Edge 1RB Left	17.52	/	/	18.93	/	/	<=30	Pass
		Edge 1RB Right	17.47	/	/	18.88	/	/	<=30	Pass
		Outer Full	17.85	/	/	19.26	/	/	<=30	Pass
		Inner Full	17.85	/	/	19.26	/	/	<=30	Pass
		Inner 1RB Left	17.44	/	/	18.85	/	/	<=30	Pass
CP-OFDM QPSK	1722.5	Inner 1RB Right	17.38	/	/	18.79	/	/	<=30	Pass
		Edge 1RB Left	19.86	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	19.93	/	/	21.34	/	/	<=30	Pass
		Outer Full	19.67	/	/	21.08	/	/	<=30	Pass
		Inner Full	21.12	/	/	22.53	/	/	<=30	Pass

		Inner 1RB Left	21.40	/	/	22.81	/	/	<=30	Pass
		Inner 1RB Right	21.22	/	/	22.63	/	/	<=30	Pass
	1745	Edge 1RB Left	19.86	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	19.80	/	/	21.21	/	/	<=30	Pass
		Outer Full	19.50	/	/	20.91	/	/	<=30	Pass
		Inner Full	20.93	/	/	22.34	/	/	<=30	Pass
		Inner 1RB Left	21.25	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Right	21.32	/	/	22.73	/	/	<=30	Pass
	1767.5	Edge 1RB Left	19.59	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	19.42	/	/	20.83	/	/	<=30	Pass
		Outer Full	19.30	/	/	20.71	/	/	<=30	Pass
		Inner Full	20.87	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Left	20.80	/	/	22.21	/	/	<=30	Pass
		Inner 1RB Right	20.72	/	/	22.13	/	/	<=30	Pass
CP-OFDM 16 QAM	1722.5	Edge 1RB Left	19.97	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	19.86	/	/	21.27	/	/	<=30	Pass
		Outer Full	19.66	/	/	21.07	/	/	<=30	Pass
		Inner Full	20.65	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Left	20.87	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Right	20.79	/	/	22.20	/	/	<=30	Pass
	1745	Edge 1RB Left	19.92	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	19.96	/	/	21.37	/	/	<=30	Pass
		Outer Full	19.45	/	/	20.86	/	/	<=30	Pass
		Inner Full	20.39	/	/	21.80	/	/	<=30	Pass
		Inner 1RB Left	20.82	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Right	20.76	/	/	22.17	/	/	<=30	Pass
	1767.5	Edge 1RB Left	19.65	/	/	21.06	/	/	<=30	Pass
		Edge 1RB Right	19.82	/	/	21.23	/	/	<=30	Pass
		Outer Full	19.39	/	/	20.80	/	/	<=30	Pass
		Inner Full	20.44	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Left	20.54	/	/	21.95	/	/	<=30	Pass
		Inner 1RB Right	20.74	/	/	22.15	/	/	<=30	Pass
CP-OFDM 64 QAM	1722.5	Edge 1RB Left	19.57	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	19.44	/	/	20.85	/	/	<=30	Pass
		Outer Full	19.10	/	/	20.51	/	/	<=30	Pass
		Inner Full	19.16	/	/	20.57	/	/	<=30	Pass
		Inner 1RB Left	19.45	/	/	20.86	/	/	<=30	Pass
		Inner 1RB Right	19.36	/	/	20.77	/	/	<=30	Pass
	1745	Edge 1RB Left	19.47	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	19.55	/	/	20.96	/	/	<=30	Pass
		Outer Full	18.96	/	/	20.37	/	/	<=30	Pass
		Inner Full	18.98	/	/	20.39	/	/	<=30	Pass
		Inner 1RB Left	19.33	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Right	19.30	/	/	20.71	/	/	<=30	Pass
	1767.5	Edge 1RB Left	19.26	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	19.16	/	/	20.57	/	/	<=30	Pass
		Outer Full	18.83	/	/	20.24	/	/	<=30	Pass
		Inner Full	18.90	/	/	20.31	/	/	<=30	Pass
		Inner 1RB Left	19.20	/	/	20.61	/	/	<=30	Pass
		Inner 1RB Right	19.06	/	/	20.47	/	/	<=30	Pass
CP-OFDM 256 QAM	1722.5	Edge 1RB Left	16.07	/	/	17.48	/	/	<=30	Pass
		Edge 1RB Right	16.02	/	/	17.43	/	/	<=30	Pass
		Outer Full	16.07	/	/	17.48	/	/	<=30	Pass

		Inner Full	16.17	/	/	17.58	/	/	<=30	Pass
		Inner 1RB Left	16.00	/	/	17.41	/	/	<=30	Pass
		Inner 1RB Right	15.93	/	/	17.34	/	/	<=30	Pass
	1745	Edge 1RB Left	15.97	/	/	17.38	/	/	<=30	Pass
		Edge 1RB Right	15.92	/	/	17.33	/	/	<=30	Pass
		Outer Full	15.91	/	/	17.32	/	/	<=30	Pass
		Inner Full	15.93	/	/	17.34	/	/	<=30	Pass
		Inner 1RB Left	15.85	/	/	17.26	/	/	<=30	Pass
		Inner 1RB Right	15.74	/	/	17.15	/	/	<=30	Pass
	1767.5	Edge 1RB Left	15.64	/	/	17.05	/	/	<=30	Pass
		Edge 1RB Right	15.62	/	/	17.03	/	/	<=30	Pass
		Outer Full	15.88	/	/	17.29	/	/	<=30	Pass
		Inner Full	15.95	/	/	17.36	/	/	<=30	Pass
		Inner 1RB Left	15.61	/	/	17.02	/	/	<=30	Pass
		Inner 1RB Right	15.50	/	/	16.91	/	/	<=30	Pass

Note1: Antenna Gain: Ant0: 1.41dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 15_S_30M_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1725	Edge 1RB Left	22.11	/	/	23.52	/	/	<=30	Pass
		Edge 1RB Right	21.73	/	/	23.14	/	/	<=30	Pass
		Outer Full	22.17	/	/	23.58	/	/	<=30	Pass
		Inner Full	22.52	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	22.47	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Right	22.18	/	/	23.59	/	/	<=30	Pass
	1745	Edge 1RB Left	21.95	/	/	23.36	/	/	<=30	Pass
		Edge 1RB Right	21.60	/	/	23.01	/	/	<=30	Pass
		Outer Full	21.94	/	/	23.35	/	/	<=30	Pass
		Inner Full	22.29	/	/	23.70	/	/	<=30	Pass
		Inner 1RB Left	22.31	/	/	23.72	/	/	<=30	Pass
		Inner 1RB Right	22.10	/	/	23.51	/	/	<=30	Pass
	1765	Edge 1RB Left	21.64	/	/	23.05	/	/	<=30	Pass
		Edge 1RB Right	21.44	/	/	22.85	/	/	<=30	Pass
		Outer Full	21.85	/	/	23.26	/	/	<=30	Pass
		Inner Full	22.31	/	/	23.72	/	/	<=30	Pass
		Inner 1RB Left	22.13	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Right	21.92	/	/	23.33	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Edge 1RB Left	21.59	/	/	23.00	/	/	<=30	Pass
		Edge 1RB Right	21.25	/	/	22.66	/	/	<=30	Pass
		Outer Full	21.61	/	/	23.02	/	/	<=30	Pass
		Inner Full	22.58	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	22.60	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Right	22.25	/	/	23.66	/	/	<=30	Pass
	1745	Edge 1RB Left	21.50	/	/	22.91	/	/	<=30	Pass
		Edge 1RB Right	21.31	/	/	22.72	/	/	<=30	Pass
		Outer Full	21.30	/	/	22.71	/	/	<=30	Pass
		Inner Full	22.35	/	/	23.76	/	/	<=30	Pass

		Inner 1RB Left	22.44	/	/	23.85	/	/	<=30	Pass
		Inner 1RB Right	22.29	/	/	23.70	/	/	<=30	Pass
	1765	Edge 1RB Left	21.12	/	/	22.53	/	/	<=30	Pass
		Edge 1RB Right	20.98	/	/	22.39	/	/	<=30	Pass
		Outer Full	21.30	/	/	22.71	/	/	<=30	Pass
		Inner Full	22.29	/	/	23.70	/	/	<=30	Pass
		Inner 1RB Left	22.13	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Right	22.00	/	/	23.41	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1725	Edge 1RB Left	20.54	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	20.18	/	/	21.59	/	/	<=30	Pass
		Outer Full	20.61	/	/	22.02	/	/	<=30	Pass
		Inner Full	21.55	/	/	22.96	/	/	<=30	Pass
		Inner 1RB Left	21.43	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Right	21.15	/	/	22.56	/	/	<=30	Pass
	1745	Edge 1RB Left	20.31	/	/	21.72	/	/	<=30	Pass
		Edge 1RB Right	20.07	/	/	21.48	/	/	<=30	Pass
		Outer Full	20.39	/	/	21.80	/	/	<=30	Pass
		Inner Full	21.37	/	/	22.78	/	/	<=30	Pass
		Inner 1RB Left	21.29	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Right	20.99	/	/	22.40	/	/	<=30	Pass
	1765	Edge 1RB Left	20.05	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Right	19.84	/	/	21.25	/	/	<=30	Pass
		Outer Full	20.32	/	/	21.73	/	/	<=30	Pass
		Inner Full	21.34	/	/	22.75	/	/	<=30	Pass
		Inner 1RB Left	21.00	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	20.83	/	/	22.24	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1725	Edge 1RB Left	20.23	/	/	21.64	/	/	<=30	Pass
		Edge 1RB Right	19.80	/	/	21.21	/	/	<=30	Pass
		Outer Full	20.10	/	/	21.51	/	/	<=30	Pass
		Inner Full	20.15	/	/	21.56	/	/	<=30	Pass
		Inner 1RB Left	20.27	/	/	21.68	/	/	<=30	Pass
		Inner 1RB Right	19.82	/	/	21.23	/	/	<=30	Pass
	1745	Edge 1RB Left	20.09	/	/	21.50	/	/	<=30	Pass
		Edge 1RB Right	19.78	/	/	21.19	/	/	<=30	Pass
		Outer Full	19.89	/	/	21.30	/	/	<=30	Pass
		Inner Full	19.82	/	/	21.23	/	/	<=30	Pass
		Inner 1RB Left	19.99	/	/	21.40	/	/	<=30	Pass
		Inner 1RB Right	19.98	/	/	21.39	/	/	<=30	Pass
	1765	Edge 1RB Left	19.73	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	19.55	/	/	20.96	/	/	<=30	Pass
		Outer Full	19.82	/	/	21.23	/	/	<=30	Pass
		Inner Full	19.87	/	/	21.28	/	/	<=30	Pass
		Inner 1RB Left	19.73	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Right	19.54	/	/	20.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Edge 1RB Left	17.80	/	/	19.21	/	/	<=30	Pass
		Edge 1RB Right	17.30	/	/	18.71	/	/	<=30	Pass
		Outer Full	18.08	/	/	19.49	/	/	<=30	Pass
		Inner Full	18.03	/	/	19.44	/	/	<=30	Pass
		Inner 1RB Left	17.76	/	/	19.17	/	/	<=30	Pass
		Inner 1RB Right	17.31	/	/	18.72	/	/	<=30	Pass
	1745	Edge 1RB Left	17.57	/	/	18.98	/	/	<=30	Pass
		Edge 1RB Right	17.23	/	/	18.64	/	/	<=30	Pass
		Outer Full	17.95	/	/	19.36	/	/	<=30	Pass

		Inner Full	17.76	/	/	19.17	/	/	<=30	Pass
		Inner 1RB Left	17.59	/	/	19.00	/	/	<=30	Pass
		Inner 1RB Right	17.29	/	/	18.70	/	/	<=30	Pass
	1765	Edge 1RB Left	17.24	/	/	18.65	/	/	<=30	Pass
		Edge 1RB Right	16.99	/	/	18.40	/	/	<=30	Pass
		Outer Full	17.85	/	/	19.26	/	/	<=30	Pass
		Inner Full	17.79	/	/	19.20	/	/	<=30	Pass
		Inner 1RB Left	17.26	/	/	18.67	/	/	<=30	Pass
		Inner 1RB Right	17.07	/	/	18.48	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge 1RB Left	19.70	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	19.29	/	/	20.70	/	/	<=30	Pass
		Outer Full	19.60	/	/	21.01	/	/	<=30	Pass
		Inner Full	21.07	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	21.16	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Right	20.91	/	/	22.32	/	/	<=30	Pass
	1745	Edge 1RB Left	19.33	/	/	20.74	/	/	<=30	Pass
		Edge 1RB Right	19.15	/	/	20.56	/	/	<=30	Pass
		Outer Full	19.40	/	/	20.81	/	/	<=30	Pass
		Inner Full	20.78	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Left	20.63	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Right	20.56	/	/	21.97	/	/	<=30	Pass
	1765	Edge 1RB Left	19.16	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	19.03	/	/	20.44	/	/	<=30	Pass
		Outer Full	19.31	/	/	20.72	/	/	<=30	Pass
		Inner Full	20.82	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Left	20.71	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Right	20.48	/	/	21.89	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge 1RB Left	19.86	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	19.30	/	/	20.71	/	/	<=30	Pass
		Outer Full	19.55	/	/	20.96	/	/	<=30	Pass
		Inner Full	20.51	/	/	21.92	/	/	<=30	Pass
		Inner 1RB Left	20.68	/	/	22.09	/	/	<=30	Pass
		Inner 1RB Right	20.34	/	/	21.75	/	/	<=30	Pass
	1745	Edge 1RB Left	19.49	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Right	19.32	/	/	20.73	/	/	<=30	Pass
		Outer Full	19.26	/	/	20.67	/	/	<=30	Pass
		Inner Full	20.20	/	/	21.61	/	/	<=30	Pass
		Inner 1RB Left	20.57	/	/	21.98	/	/	<=30	Pass
		Inner 1RB Right	20.28	/	/	21.69	/	/	<=30	Pass
	1765	Edge 1RB Left	19.26	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	19.13	/	/	20.54	/	/	<=30	Pass
		Outer Full	19.19	/	/	20.60	/	/	<=30	Pass
		Inner Full	20.23	/	/	21.64	/	/	<=30	Pass
		Inner 1RB Left	20.24	/	/	21.65	/	/	<=30	Pass
		Inner 1RB Right	20.22	/	/	21.63	/	/	<=30	Pass
CP-OFDM 64 QAM	1725	Edge 1RB Left	19.22	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	18.86	/	/	20.27	/	/	<=30	Pass
		Outer Full	19.08	/	/	20.49	/	/	<=30	Pass
		Inner Full	19.11	/	/	20.52	/	/	<=30	Pass
		Inner 1RB Left	19.20	/	/	20.61	/	/	<=30	Pass
		Inner 1RB Right	18.87	/	/	20.28	/	/	<=30	Pass
	1745	Edge 1RB Left	19.12	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	18.97	/	/	20.38	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	18.85	/	/	20.26	/	/	<=30	Pass
		Inner_Full	18.78	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	19.09	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	20.41	/	/	<=30	Pass
	1765	Edge_1RB_Left	18.79	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	18.63	/	/	20.04	/	/	<=30	Pass
		Outer_Full	18.80	/	/	20.21	/	/	<=30	Pass
		Inner_Full	18.82	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	18.78	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Right	18.65	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Left	15.77	/	/	17.18	/	/	<=30	Pass
		Edge_1RB_Right	15.41	/	/	16.82	/	/	<=30	Pass
	1725	Outer_Full	16.22	/	/	17.63	/	/	<=30	Pass
		Inner_Full	16.03	/	/	17.44	/	/	<=30	Pass
		Inner_1RB_Left	15.84	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Right	15.49	/	/	16.90	/	/	<=30	Pass
	1745	Edge_1RB_Left	15.73	/	/	17.14	/	/	<=30	Pass
		Edge_1RB_Right	15.46	/	/	16.87	/	/	<=30	Pass
		Outer_Full	15.84	/	/	17.25	/	/	<=30	Pass
		Inner_Full	15.77	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Left	15.70	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Right	15.35	/	/	16.76	/	/	<=30	Pass
	1765	Edge_1RB_Left	15.38	/	/	16.79	/	/	<=30	Pass
		Edge_1RB_Right	15.15	/	/	16.56	/	/	<=30	Pass
		Outer_Full	15.74	/	/	17.15	/	/	<=30	Pass
		Inner_Full	15.81	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Left	15.36	/	/	16.77	/	/	<=30	Pass
		Inner_1RB_Right	15.19	/	/	16.60	/	/	<=30	Pass

Note1: Antenna Gain: Ant0: 1.41dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_30M

5G NR n66 SCS=15kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	2.30	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-9.00	-0.0052	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
40	NV	1.10	0.0006	>=-2.5 & <=2.5	Pass			



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			50	NV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
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3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_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	4.50	5.15	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	4.51	5.12	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	4.53	5.27	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	4.52	5.14	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	4.50	5.24	/	Pass
CP-OFDM QPSK	1745	Outer_Full	4.56	5.32	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	4.54	5.19	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	4.55	6.01	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	4.53	5.35	/	Pass

3.1.2 15_S_10M_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	8.91	9.69	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	8.94	9.69	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	8.95	9.66	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	8.95	9.80	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	8.93	9.64	/	Pass
CP-OFDM QPSK	1745	Outer_Full	9.31	10.76	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	9.31	10.15	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	9.31	10.41	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	9.32	10.15	/	Pass

3.1.3 15_S_15M_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	13.47	14.51	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	13.45	14.49	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	13.50	14.49	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	13.45	14.53	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	13.48	14.35	/	Pass



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CP-OFDM QPSK	1745	Outer_Full	14.16	16.62	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	14.17	15.19	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	14.18	16.92	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	14.16	16.16	/	Pass

3.1.4 15_S_20M_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	17.93	19.27	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	17.92	19.34	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	17.93	19.06	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	17.95	18.89	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	17.91	18.86	/	Pass
CP-OFDM QPSK	1745	Outer_Full	19.00	20.13	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	19.01	20.18	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	19.00	20.46	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	19.07	21.11	/	Pass

3.1.5 15_S_25M_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	22.94	24.23	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	22.95	25.44	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	22.99	23.99	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	22.94	25.21	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	22.90	24.68	/	Pass
CP-OFDM QPSK	1745	Outer_Full	23.80	25.14	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	23.81	26.18	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	23.81	26.14	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	23.83	25.04	/	Pass

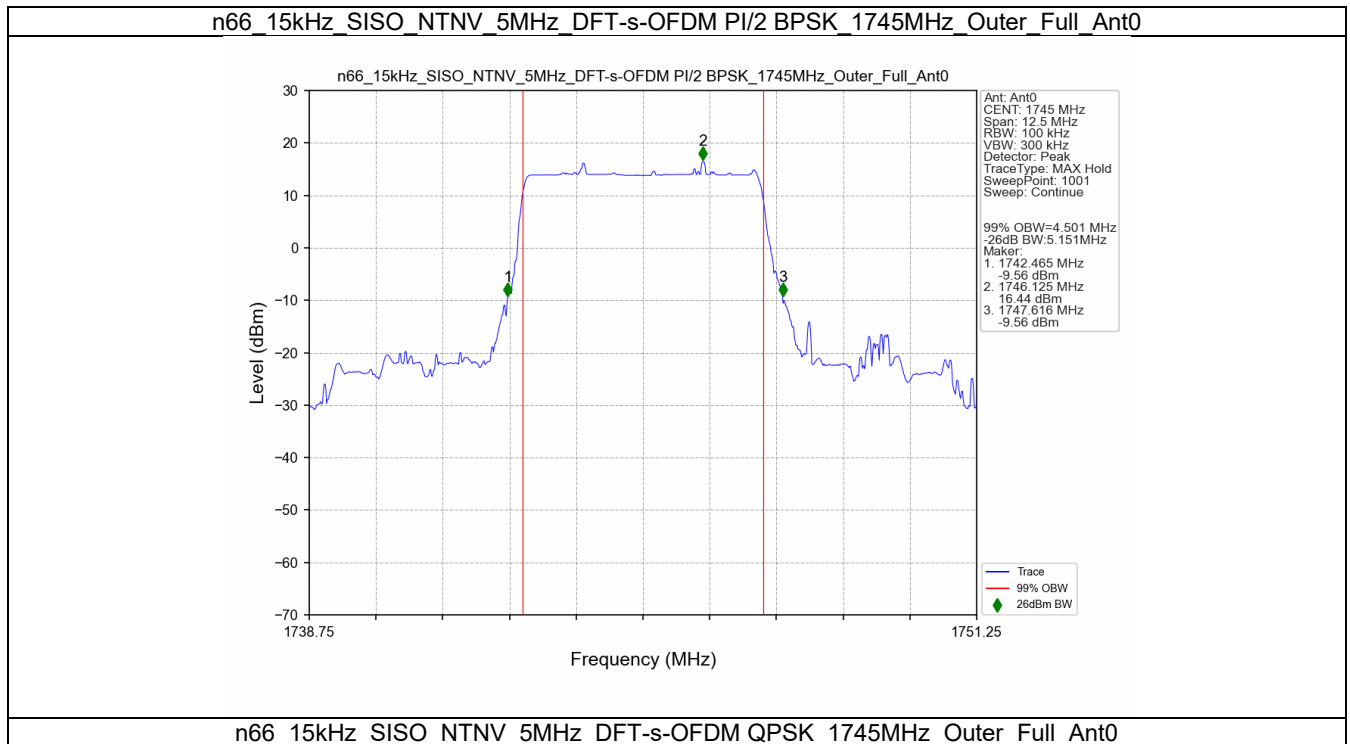
3.1.6 15_S_30M_NTNV

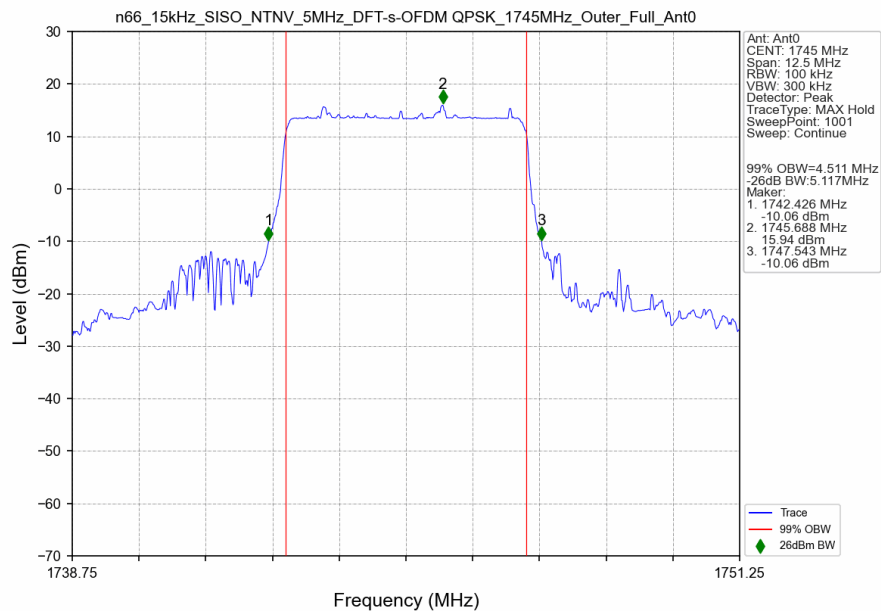
5G NR n66 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	28.63	29.90	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	28.65	30.80	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	28.66	29.65	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	28.67	30.75	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	28.64	29.99	/	Pass
CP-OFDM QPSK	1745	Outer_Full	28.63	30.91	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	28.72	31.23	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	28.63	32.72	/	Pass

CP-OFDM 256 QAM	1745	Outer_Full	28.68	29.94	/	Pass
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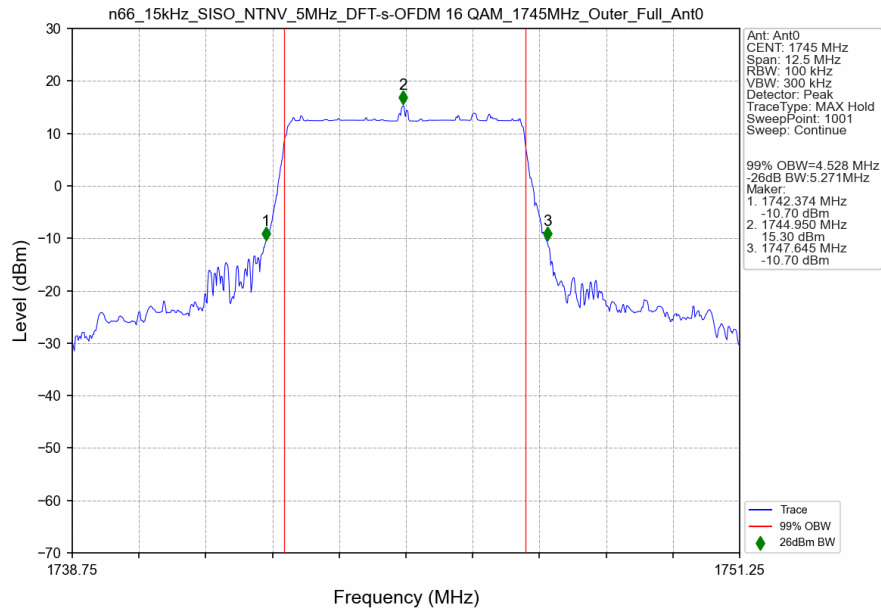
3.2 Test Graph

3.2.1 15_S_5M_NTNV

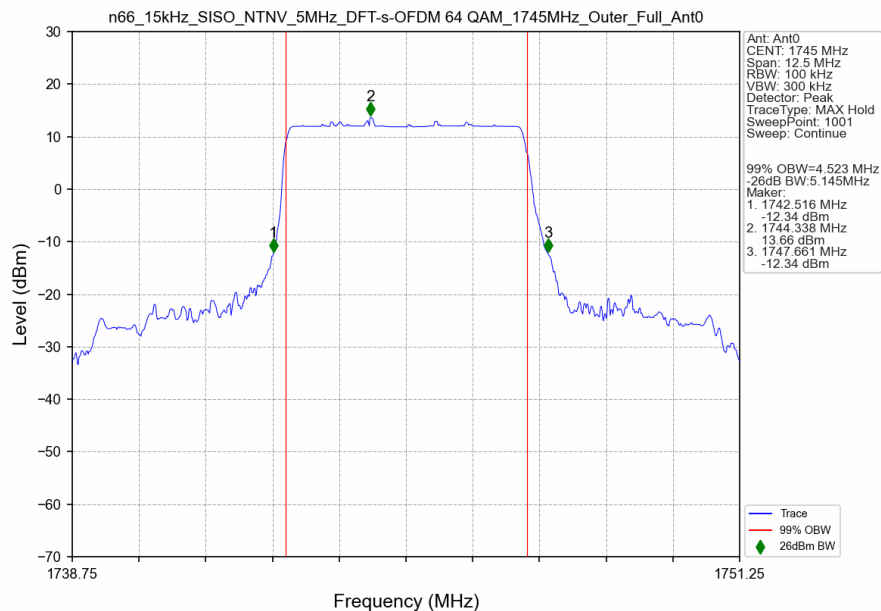




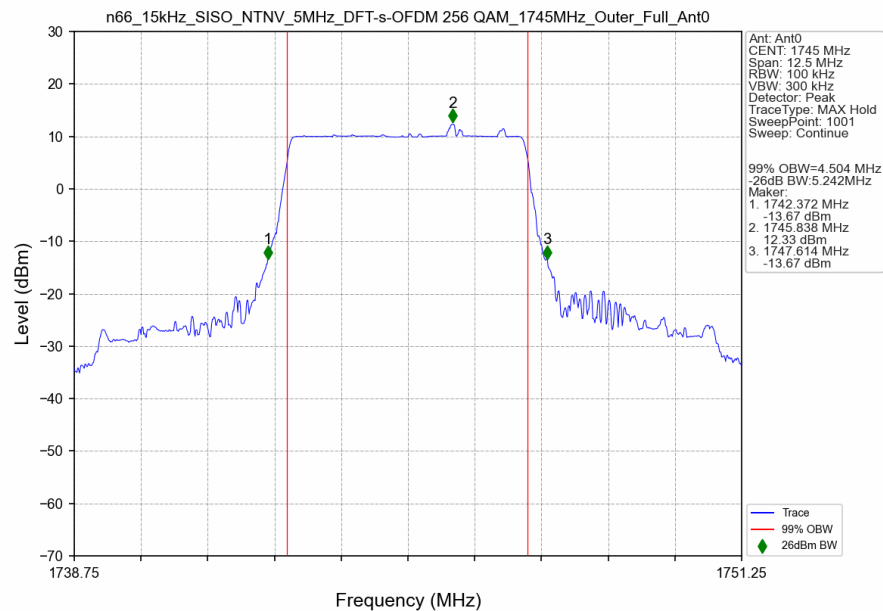
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full_Ant0



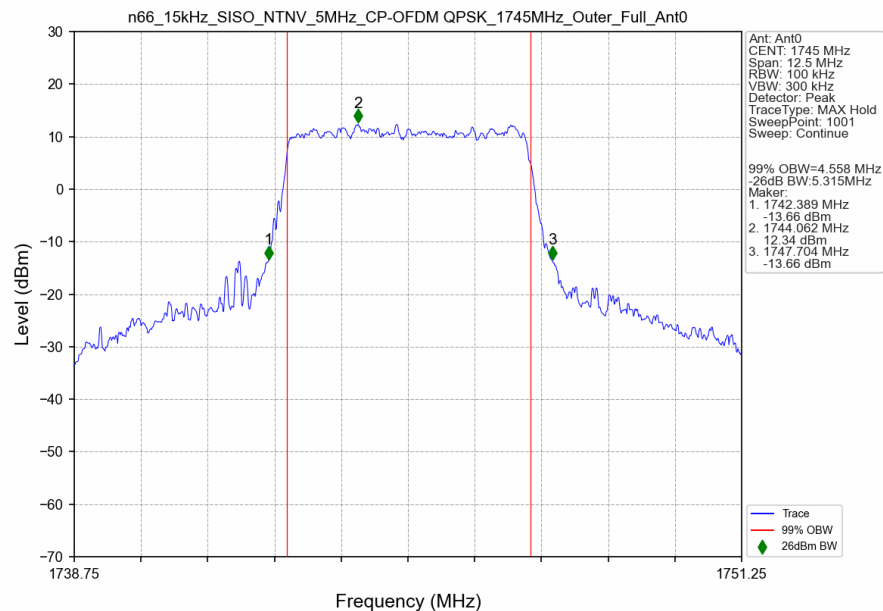
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full_Ant0



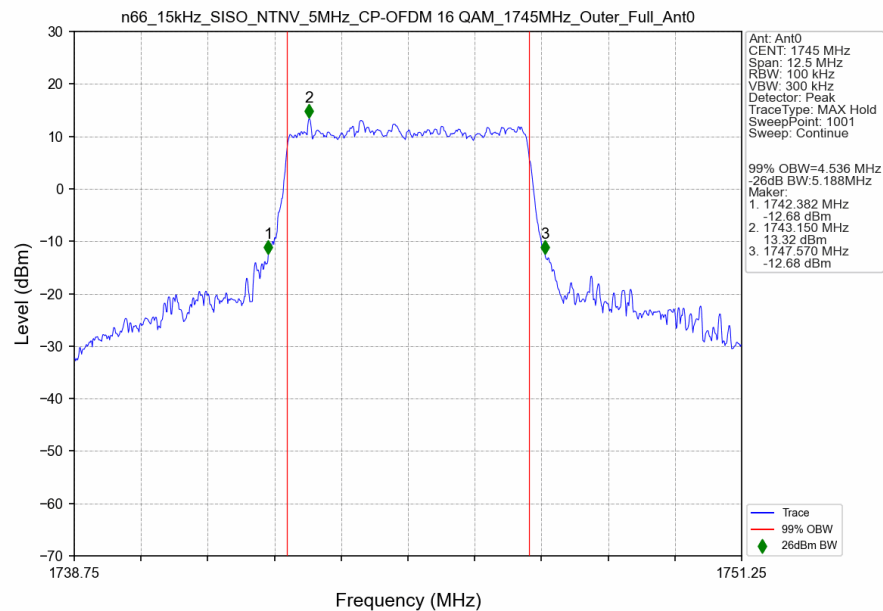
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1745MHz_Outer_Full_Ant0



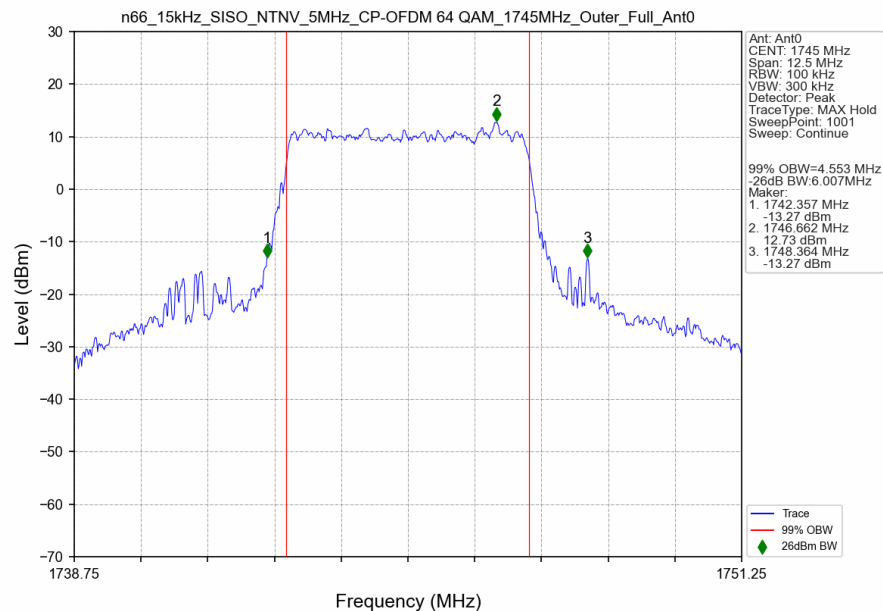
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1745MHz_Outer_Full_Ant0



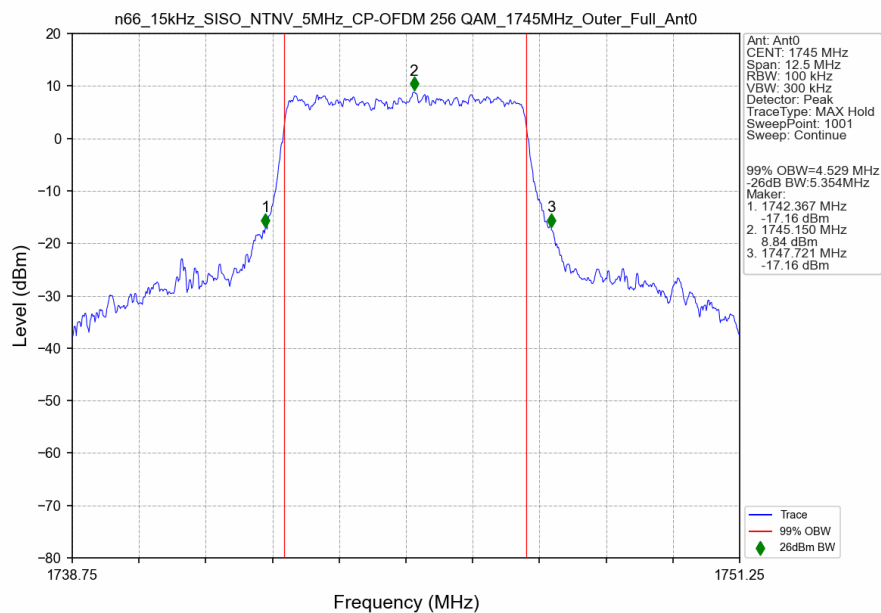
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 1745MHz_Outer_Full_Ant0



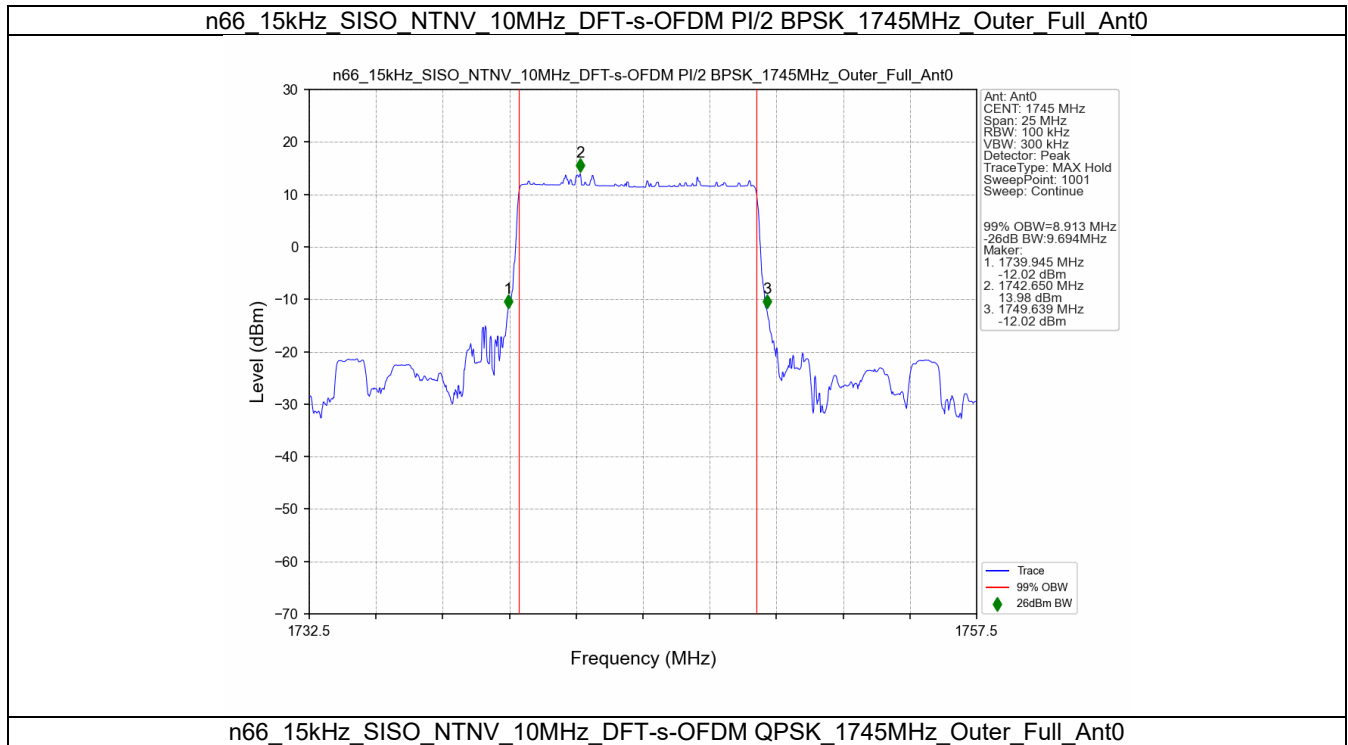
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 1745MHz_Outer_Full_Ant0

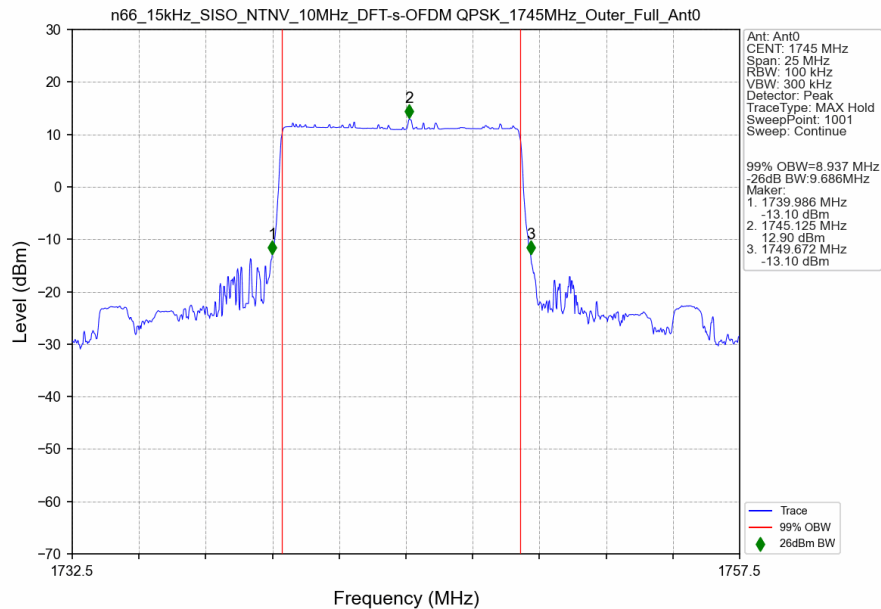


n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_1745MHz_Outer_Full_Ant0

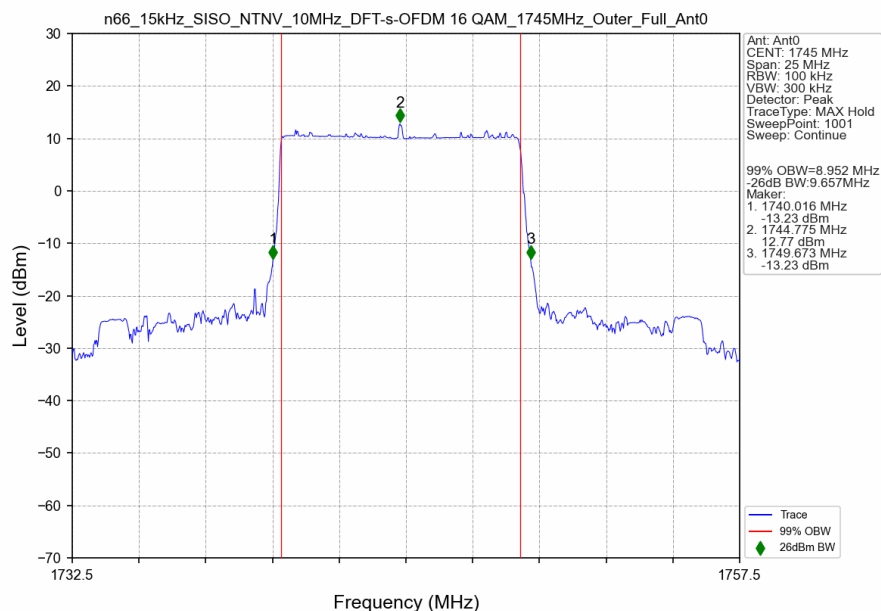


3.2.2 15_S_10M_NTNV

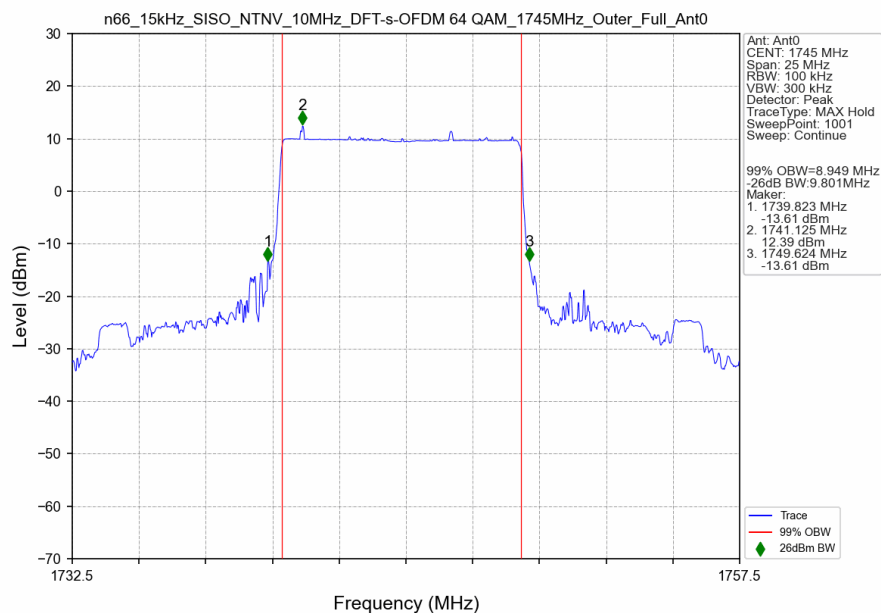




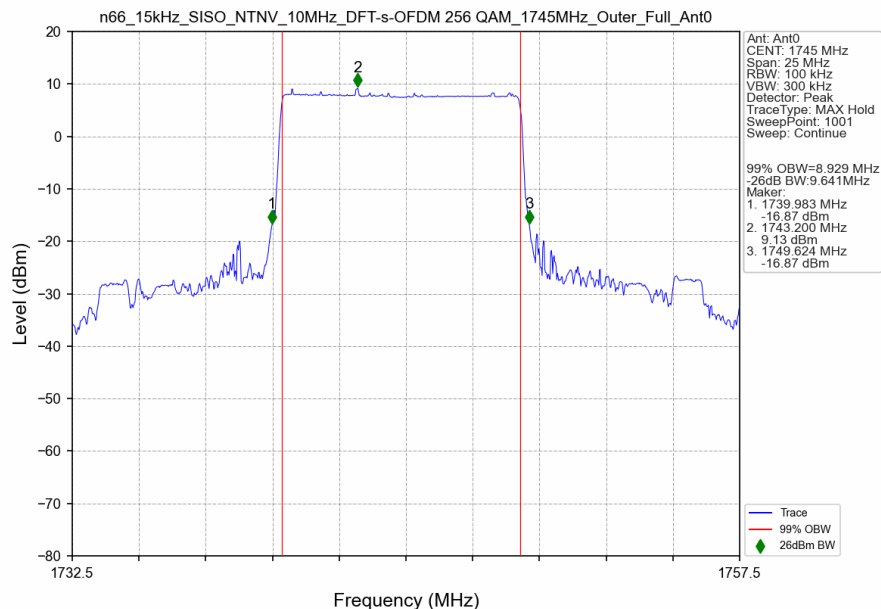
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full_Ant0



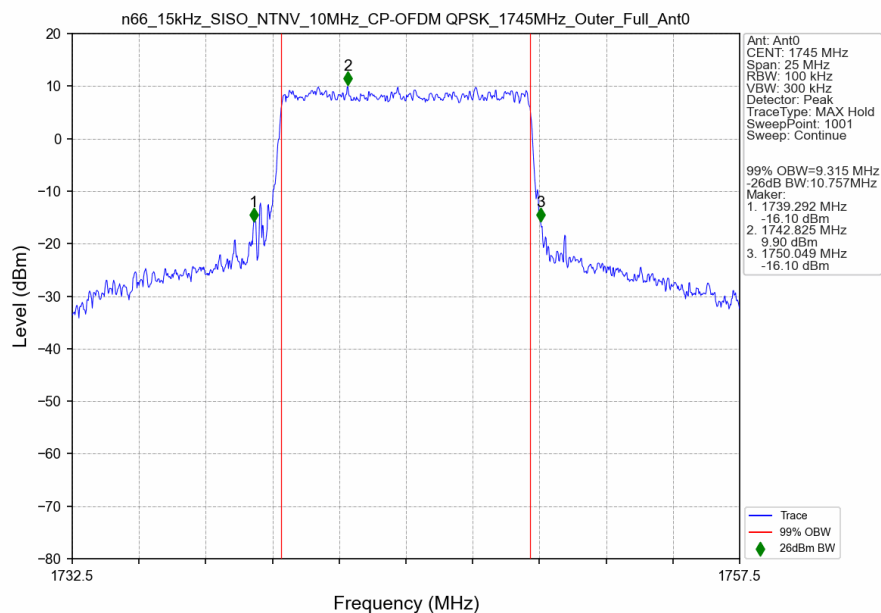
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full_Ant0



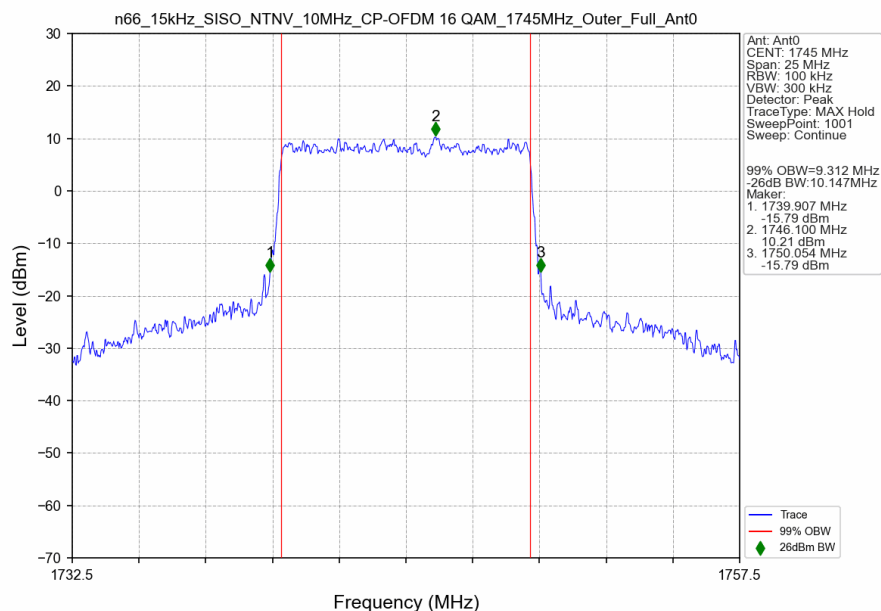
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 1745MHz_Outer_Full_Ant0



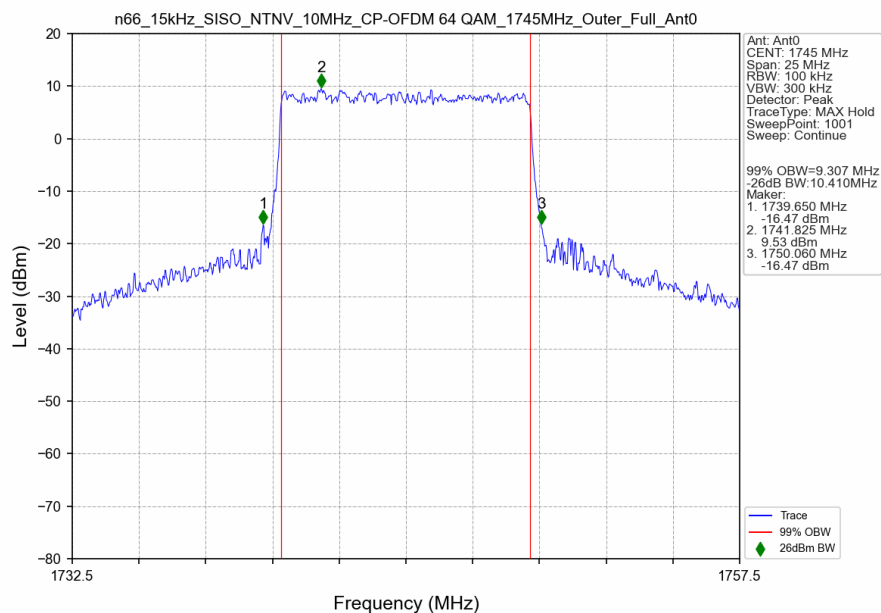
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 1745MHz_Outer_Full_Ant0



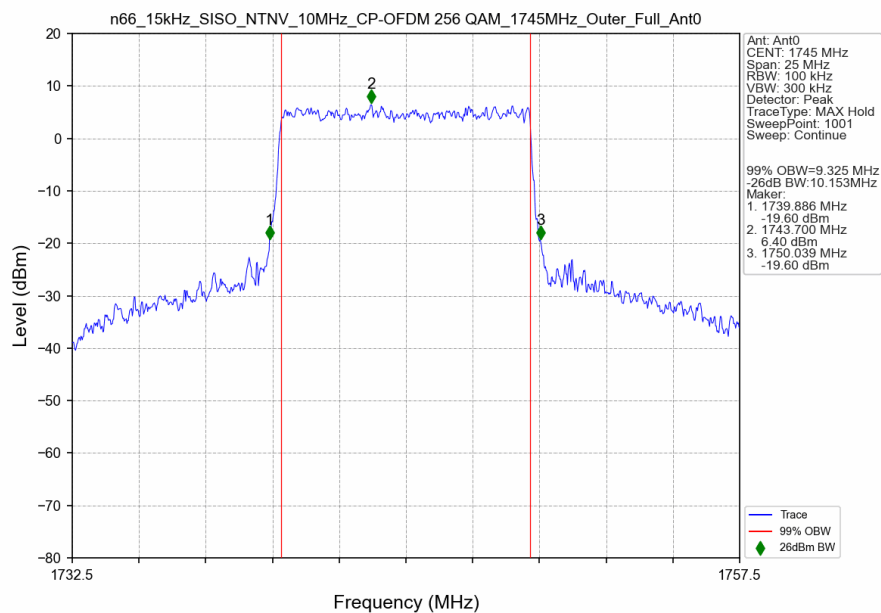
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full_Ant0



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full_Ant0



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full_Ant0



3.2.3 15_S_15M_NTNV

