

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	22.64	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.84	/	/	<=33	Pass
		Outer_Full	21.46	/	/	20.66	/	/	<=33	Pass
		Inner_Full	23.92	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Right	24.18	/	/	23.38	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.39	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	21.71	/	/	<=33	Pass
		Outer_Full	21.24	/	/	20.44	/	/	<=33	Pass
		Inner_Full	23.71	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	23.95	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	23.25	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.36	/	/	21.56	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	21.74	/	/	<=33	Pass
		Outer_Full	21.34	/	/	20.54	/	/	<=33	Pass
		Inner_Full	23.82	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	24.08	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	23.28	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	21.60	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	21.58	/	/	20.78	/	/	<=33	Pass
		Outer_Full	21.49	/	/	20.69	/	/	<=33	Pass
		Inner_Full	22.94	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Right	23.07	/	/	22.27	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.37	/	/	20.57	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	20.65	/	/	<=33	Pass
		Outer_Full	21.27	/	/	20.47	/	/	<=33	Pass
		Inner_Full	22.71	/	/	21.91	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	22.11	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	21.47	/	/	20.67	/	/	<=33	Pass
		Edge_1RB_Right	21.47	/	/	20.67	/	/	<=33	Pass
		Outer_Full	21.40	/	/	20.60	/	/	<=33	Pass
		Inner_Full	22.82	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	22.96	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Right	22.96	/	/	22.16	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge_1RB_Left	20.68	/	/	19.88	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	19.88	/	/	<=33	Pass
		Outer_Full	21.01	/	/	20.21	/	/	<=33	Pass
		Inner_Full	21.47	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	20.42	/	/	<=33	Pass
		Inner_1RB_Right	21.17	/	/	20.37	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.44	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	19.70	/	/	<=33	Pass
		Outer_Full	20.80	/	/	20.00	/	/	<=33	Pass
		Inner_Full	21.29	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Left	21.06	/	/	20.26	/	/	<=33	Pass

	2567.5	Inner_1RB_Right	21.04	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Left	20.62	/	/	19.82	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	19.74	/	/	<=33	Pass
		Outer_Full	20.91	/	/	20.11	/	/	<=33	Pass
		Inner_Full	21.39	/	/	20.59	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	20.27	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	20.25	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Edge_1RB_Left	19.03	/	/	18.23	/	/	<=33	Pass
		Edge_1RB_Right	19.03	/	/	18.23	/	/	<=33	Pass
		Outer_Full	18.98	/	/	18.18	/	/	<=33	Pass
		Inner_Full	19.52	/	/	18.72	/	/	<=33	Pass
		Inner_1RB_Left	19.53	/	/	18.73	/	/	<=33	Pass
		Inner_1RB_Right	19.53	/	/	18.73	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.81	/	/	18.01	/	/	<=33	Pass
		Edge_1RB_Right	18.82	/	/	18.02	/	/	<=33	Pass
		Outer_Full	18.72	/	/	17.92	/	/	<=33	Pass
		Inner_Full	19.35	/	/	18.55	/	/	<=33	Pass
		Inner_1RB_Left	19.27	/	/	18.47	/	/	<=33	Pass
		Inner_1RB_Right	19.41	/	/	18.61	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	18.95	/	/	18.15	/	/	<=33	Pass
		Edge_1RB_Right	18.91	/	/	18.11	/	/	<=33	Pass
		Outer_Full	18.84	/	/	18.04	/	/	<=33	Pass
		Inner_Full	19.40	/	/	18.60	/	/	<=33	Pass
		Inner_1RB_Left	19.43	/	/	18.63	/	/	<=33	Pass
		Inner_1RB_Right	19.45	/	/	18.65	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Edge_1RB_Left	20.56	/	/	19.76	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	19.69	/	/	<=33	Pass
		Outer_Full	19.42	/	/	18.62	/	/	<=33	Pass
		Inner_Full	22.41	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	21.72	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.25	/	/	19.45	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	19.59	/	/	<=33	Pass
		Outer_Full	19.16	/	/	18.36	/	/	<=33	Pass
		Inner_Full	22.19	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Left	22.25	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Right	22.42	/	/	21.62	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	20.42	/	/	19.62	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	19.61	/	/	<=33	Pass
		Outer_Full	19.31	/	/	18.51	/	/	<=33	Pass
		Inner_Full	22.28	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	22.42	/	/	21.62	/	/	<=33	Pass
CP-OFDM 16 QAM	2502.5	Edge_1RB_Left	20.61	/	/	19.81	/	/	<=33	Pass
		Edge_1RB_Right	20.56	/	/	19.76	/	/	<=33	Pass
		Outer_Full	19.47	/	/	18.67	/	/	<=33	Pass
		Inner_Full	21.96	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Right	22.07	/	/	21.27	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.38	/	/	19.58	/	/	<=33	Pass
		Edge_1RB_Right	20.44	/	/	19.64	/	/	<=33	Pass
		Outer_Full	19.19	/	/	18.39	/	/	<=33	Pass
		Inner_Full	21.72	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Left	21.85	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Right	21.91	/	/	21.11	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	20.51	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	19.65	/	/	<=33	Pass
		Outer_Full	19.31	/	/	18.51	/	/	<=33	Pass
		Inner_Full	21.75	/	/	20.95	/	/	<=33	Pass

		Inner_1RB_Left	21.93	/	/	21.13	/	/	<=33	Pass	
		Inner_1RB_Right	21.90	/	/	21.10	/	/	<=33	Pass	
CP-OFDM 64 QAM	2502.5	Edge_1RB_Left	19.33	/	/	18.53	/	/	<=33	Pass	
		Edge_1RB_Right	19.28	/	/	18.48	/	/	<=33	Pass	
		Outer_Full	19.52	/	/	18.72	/	/	<=33	Pass	
		Inner_Full	20.43	/	/	19.63	/	/	<=33	Pass	
		Inner_1RB_Left	20.37	/	/	19.57	/	/	<=33	Pass	
		Inner_1RB_Right	20.24	/	/	19.44	/	/	<=33	Pass	
		Edge_1RB_Left	19.10	/	/	18.30	/	/	<=33	Pass	
		Edge_1RB_Right	19.19	/	/	18.39	/	/	<=33	Pass	
	2535	Outer_Full	19.31	/	/	18.51	/	/	<=33	Pass	
		Inner_Full	20.24	/	/	19.44	/	/	<=33	Pass	
		Inner_1RB_Left	20.03	/	/	19.23	/	/	<=33	Pass	
		Inner_1RB_Right	20.11	/	/	19.31	/	/	<=33	Pass	
		Edge_1RB_Left	19.17	/	/	18.37	/	/	<=33	Pass	
		Edge_1RB_Right	19.18	/	/	18.38	/	/	<=33	Pass	
	2567.5	Outer_Full	19.40	/	/	18.60	/	/	<=33	Pass	
		Inner_Full	20.29	/	/	19.49	/	/	<=33	Pass	
		Inner_1RB_Left	20.11	/	/	19.31	/	/	<=33	Pass	
		Inner_1RB_Right	20.14	/	/	19.34	/	/	<=33	Pass	
Edge_1RB_Left		17.48	/	/	16.68	/	/	<=33	Pass		
Edge_1RB_Right		17.42	/	/	16.62	/	/	<=33	Pass		
CP-OFDM 256 QAM	2502.5	Outer_Full	17.47	/	/	16.67	/	/	<=33	Pass	
		Inner_Full	17.43	/	/	16.63	/	/	<=33	Pass	
		Inner_1RB_Left	17.45	/	/	16.65	/	/	<=33	Pass	
		Inner_1RB_Right	17.35	/	/	16.55	/	/	<=33	Pass	
		Edge_1RB_Left	17.15	/	/	16.35	/	/	<=33	Pass	
		Edge_1RB_Right	17.25	/	/	16.45	/	/	<=33	Pass	
	2535	Outer_Full	17.22	/	/	16.42	/	/	<=33	Pass	
		Inner_Full	17.18	/	/	16.38	/	/	<=33	Pass	
		Inner_1RB_Left	17.14	/	/	16.34	/	/	<=33	Pass	
		Inner_1RB_Right	17.21	/	/	16.41	/	/	<=33	Pass	
		Edge_1RB_Left	17.31	/	/	16.51	/	/	<=33	Pass	
		Edge_1RB_Right	17.35	/	/	16.55	/	/	<=33	Pass	
	2567.5	Outer_Full	17.39	/	/	16.59	/	/	<=33	Pass	
		Inner_Full	17.31	/	/	16.51	/	/	<=33	Pass	
		Inner_1RB_Left	17.33	/	/	16.53	/	/	<=33	Pass	
		Inner_1RB_Right	17.34	/	/	16.54	/	/	<=33	Pass	
		Note1: Antenna Gain: Ant5: -0.80dBi;									
		Note2: EIRP=Conducted Power+Antenna Gain									

1.1.2 15_S_10M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2505	Edge_1RB_Left	22.32	/	/	21.52	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.63	/	/	<=33	Pass
		Outer_Full	21.28	/	/	20.48	/	/	<=33	Pass
		Inner_Full	23.74	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	23.98	/	/	23.18	/	/	<=33	Pass
		Inner_1RB_Right	23.97	/	/	23.17	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.39	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.69	/	/	<=33	Pass
		Outer_Full	21.24	/	/	20.44	/	/	<=33	Pass
		Inner_Full	23.73	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Right	24.11	/	/	23.31	/	/	<=33	Pass

	2565	Edge_1RB_Left	22.41	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.22	/	/	21.42	/	/	<=33	Pass
		Outer_Full	21.22	/	/	20.42	/	/	<=33	Pass
		Inner_Full	23.73	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Right	24.03	/	/	23.23	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge_1RB_Left	21.47	/	/	20.67	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	20.65	/	/	<=33	Pass
		Outer_Full	21.33	/	/	20.53	/	/	<=33	Pass
		Inner_Full	22.82	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	22.95	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Right	22.82	/	/	22.02	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.31	/	/	20.51	/	/	<=33	Pass
		Edge_1RB_Right	21.51	/	/	20.71	/	/	<=33	Pass
		Outer_Full	21.26	/	/	20.46	/	/	<=33	Pass
		Inner_Full	22.81	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	22.84	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	22.14	/	/	<=33	Pass
	2565	Edge_1RB_Left	21.40	/	/	20.60	/	/	<=33	Pass
		Edge_1RB_Right	21.40	/	/	20.60	/	/	<=33	Pass
		Outer_Full	21.28	/	/	20.48	/	/	<=33	Pass
		Inner_Full	22.79	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	22.86	/	/	22.06	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge_1RB_Left	20.56	/	/	19.76	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	19.74	/	/	<=33	Pass
		Outer_Full	20.85	/	/	20.05	/	/	<=33	Pass
		Inner_Full	21.34	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Left	21.26	/	/	20.46	/	/	<=33	Pass
		Inner_1RB_Right	21.03	/	/	20.23	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.58	/	/	19.78	/	/	<=33	Pass
		Edge_1RB_Right	20.63	/	/	19.83	/	/	<=33	Pass
		Outer_Full	20.79	/	/	19.99	/	/	<=33	Pass
		Inner_Full	21.32	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	20.31	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.49	/	/	19.69	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	19.73	/	/	<=33	Pass
		Outer_Full	20.82	/	/	20.02	/	/	<=33	Pass
		Inner_Full	21.33	/	/	20.53	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	20.20	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Edge_1RB_Left	18.92	/	/	18.12	/	/	<=33	Pass
		Edge_1RB_Right	18.87	/	/	18.07	/	/	<=33	Pass
		Outer_Full	18.80	/	/	18.00	/	/	<=33	Pass
		Inner_Full	19.32	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Left	19.41	/	/	18.61	/	/	<=33	Pass
		Inner_1RB_Right	19.37	/	/	18.57	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.78	/	/	17.98	/	/	<=33	Pass
		Edge_1RB_Right	18.88	/	/	18.08	/	/	<=33	Pass
		Outer_Full	18.81	/	/	18.01	/	/	<=33	Pass
		Inner_Full	19.30	/	/	18.50	/	/	<=33	Pass
		Inner_1RB_Left	19.30	/	/	18.50	/	/	<=33	Pass
		Inner_1RB_Right	19.40	/	/	18.60	/	/	<=33	Pass
	2565	Edge_1RB_Left	18.77	/	/	17.97	/	/	<=33	Pass
		Edge_1RB_Right	18.84	/	/	18.04	/	/	<=33	Pass
		Outer_Full	18.77	/	/	17.97	/	/	<=33	Pass
		Inner_Full	19.24	/	/	18.44	/	/	<=33	Pass
		Inner_1RB_Left	19.29	/	/	18.49	/	/	<=33	Pass

		Inner_1RB_Right	19.36	/	/	18.56	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge_1RB_Left	20.37	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	20.34	/	/	19.54	/	/	<=33	Pass
		Outer_Full	19.27	/	/	18.47	/	/	<=33	Pass
		Inner_Full	22.31	/	/	21.51	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	21.58	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.30	/	/	19.50	/	/	<=33	Pass
		Edge_1RB_Right	20.30	/	/	19.50	/	/	<=33	Pass
		Outer_Full	19.14	/	/	18.34	/	/	<=33	Pass
		Inner_Full	22.24	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	21.61	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.31	/	/	19.51	/	/	<=33	Pass
		Edge_1RB_Right	20.33	/	/	19.53	/	/	<=33	Pass
		Outer_Full	19.18	/	/	18.38	/	/	<=33	Pass
		Inner_Full	22.25	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Left	22.34	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Right	22.40	/	/	21.60	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge_1RB_Left	20.47	/	/	19.67	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	19.88	/	/	<=33	Pass
		Outer_Full	19.27	/	/	18.47	/	/	<=33	Pass
		Inner_Full	21.82	/	/	21.02	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	21.14	/	/	<=33	Pass
		Inner_1RB_Right	21.88	/	/	21.08	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.34	/	/	19.54	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	19.72	/	/	<=33	Pass
		Outer_Full	19.23	/	/	18.43	/	/	<=33	Pass
		Inner_Full	21.78	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Right	21.94	/	/	21.14	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.41	/	/	19.61	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	19.62	/	/	<=33	Pass
		Outer_Full	19.22	/	/	18.42	/	/	<=33	Pass
		Inner_Full	21.72	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	21.03	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Edge_1RB_Left	19.13	/	/	18.33	/	/	<=33	Pass
		Edge_1RB_Right	19.13	/	/	18.33	/	/	<=33	Pass
		Outer_Full	19.32	/	/	18.52	/	/	<=33	Pass
		Inner_Full	20.32	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Left	20.08	/	/	19.28	/	/	<=33	Pass
		Inner_1RB_Right	20.06	/	/	19.26	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.05	/	/	18.25	/	/	<=33	Pass
		Edge_1RB_Right	19.15	/	/	18.35	/	/	<=33	Pass
		Outer_Full	19.28	/	/	18.48	/	/	<=33	Pass
		Inner_Full	20.32	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Left	20.00	/	/	19.20	/	/	<=33	Pass
		Inner_1RB_Right	20.12	/	/	19.32	/	/	<=33	Pass
	2565	Edge_1RB_Left	19.20	/	/	18.40	/	/	<=33	Pass
		Edge_1RB_Right	19.07	/	/	18.27	/	/	<=33	Pass
		Outer_Full	19.27	/	/	18.47	/	/	<=33	Pass
		Inner_Full	20.24	/	/	19.44	/	/	<=33	Pass
		Inner_1RB_Left	20.07	/	/	19.27	/	/	<=33	Pass
		Inner_1RB_Right	20.02	/	/	19.22	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge_1RB_Left	17.26	/	/	16.46	/	/	<=33	Pass
		Edge_1RB_Right	17.31	/	/	16.51	/	/	<=33	Pass
		Outer_Full	17.34	/	/	16.54	/	/	<=33	Pass
		Inner_Full	17.28	/	/	16.48	/	/	<=33	Pass

		Inner_1RB_Left	17.27	/	/	16.47	/	/	<=33	Pass
		Inner_1RB_Right	17.28	/	/	16.48	/	/	<=33	Pass
	2535	Edge_1RB_Left	17.21	/	/	16.41	/	/	<=33	Pass
		Edge_1RB_Right	17.31	/	/	16.51	/	/	<=33	Pass
		Outer_Full	17.26	/	/	16.46	/	/	<=33	Pass
		Inner_Full	17.28	/	/	16.48	/	/	<=33	Pass
		Inner_1RB_Left	17.17	/	/	16.37	/	/	<=33	Pass
		Inner_1RB_Right	17.22	/	/	16.42	/	/	<=33	Pass
	2565	Edge_1RB_Left	17.30	/	/	16.50	/	/	<=33	Pass
		Edge_1RB_Right	17.27	/	/	16.47	/	/	<=33	Pass
		Outer_Full	17.28	/	/	16.48	/	/	<=33	Pass
		Inner_Full	17.22	/	/	16.42	/	/	<=33	Pass
		Inner_1RB_Left	17.21	/	/	16.41	/	/	<=33	Pass
		Inner_1RB_Right	17.19	/	/	16.39	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15_S_15M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	22.53	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.63	/	/	<=33	Pass
		Outer_Full	21.28	/	/	20.48	/	/	<=33	Pass
		Inner_Full	23.78	/	/	22.98	/	/	<=33	Pass
		Inner_1RB_Left	23.86	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	23.99	/	/	23.19	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.37	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	21.77	/	/	<=33	Pass
		Outer_Full	21.26	/	/	20.46	/	/	<=33	Pass
		Inner_Full	23.71	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	23.41	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.58	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.81	/	/	<=33	Pass
		Outer_Full	21.35	/	/	20.55	/	/	<=33	Pass
		Inner_Full	23.86	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Right	24.18	/	/	23.38	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	21.52	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	21.43	/	/	20.63	/	/	<=33	Pass
		Outer_Full	21.33	/	/	20.53	/	/	<=33	Pass
		Inner_Full	22.75	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Left	22.90	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Right	22.88	/	/	22.08	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.29	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	21.57	/	/	20.77	/	/	<=33	Pass
		Outer_Full	21.25	/	/	20.45	/	/	<=33	Pass
		Inner_Full	22.71	/	/	21.91	/	/	<=33	Pass
		Inner_1RB_Left	22.79	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Right	22.95	/	/	22.15	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.57	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	21.51	/	/	20.71	/	/	<=33	Pass
		Outer_Full	21.41	/	/	20.61	/	/	<=33	Pass
		Inner_Full	22.82	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	22.99	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	22.19	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	2507.5	Edge_1RB_Left	20.67	/	/	19.87	/	/	<=33	Pass
		Edge_1RB_Right	20.59	/	/	19.79	/	/	<=33	Pass
		Outer_Full	20.83	/	/	20.03	/	/	<=33	Pass
		Inner_Full	21.31	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Left	21.19	/	/	20.39	/	/	<=33	Pass
		Inner_1RB_Right	21.04	/	/	20.24	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.68	/	/	19.88	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	20.07	/	/	<=33	Pass
		Outer_Full	20.89	/	/	20.09	/	/	<=33	Pass
		Inner_Full	21.24	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	20.35	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.70	/	/	19.90	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	19.90	/	/	<=33	Pass
		Outer_Full	20.97	/	/	20.17	/	/	<=33	Pass
		Inner_Full	21.37	/	/	20.57	/	/	<=33	Pass
		Inner_1RB_Left	21.18	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	21.17	/	/	20.37	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Edge_1RB_Left	18.90	/	/	18.10	/	/	<=33	Pass
		Edge_1RB_Right	18.78	/	/	17.98	/	/	<=33	Pass
		Outer_Full	18.83	/	/	18.03	/	/	<=33	Pass
		Inner_Full	19.22	/	/	18.42	/	/	<=33	Pass
		Inner_1RB_Left	19.48	/	/	18.68	/	/	<=33	Pass
		Inner_1RB_Right	19.33	/	/	18.53	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.76	/	/	17.96	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	18.24	/	/	<=33	Pass
		Outer_Full	18.67	/	/	17.87	/	/	<=33	Pass
		Inner_Full	19.16	/	/	18.36	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	18.39	/	/	<=33	Pass
		Inner_1RB_Right	19.51	/	/	18.71	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	18.97	/	/	18.17	/	/	<=33	Pass
		Edge_1RB_Right	19.05	/	/	18.25	/	/	<=33	Pass
		Outer_Full	18.90	/	/	18.10	/	/	<=33	Pass
		Inner_Full	19.35	/	/	18.55	/	/	<=33	Pass
		Inner_1RB_Left	19.46	/	/	18.66	/	/	<=33	Pass
		Inner_1RB_Right	19.49	/	/	18.69	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge_1RB_Left	20.24	/	/	19.44	/	/	<=33	Pass
		Edge_1RB_Right	20.33	/	/	19.53	/	/	<=33	Pass
		Outer_Full	19.24	/	/	18.44	/	/	<=33	Pass
		Inner_Full	22.28	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Left	22.47	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Right	22.39	/	/	21.59	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.12	/	/	19.32	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	19.62	/	/	<=33	Pass
		Outer_Full	19.13	/	/	18.33	/	/	<=33	Pass
		Inner_Full	22.21	/	/	21.41	/	/	<=33	Pass
		Inner_1RB_Left	22.23	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Right	22.57	/	/	21.77	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.45	/	/	19.65	/	/	<=33	Pass
		Edge_1RB_Right	20.48	/	/	19.68	/	/	<=33	Pass
		Outer_Full	19.31	/	/	18.51	/	/	<=33	Pass
		Inner_Full	22.32	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	21.75	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	20.74	/	/	19.94	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	19.61	/	/	<=33	Pass
		Outer_Full	19.29	/	/	18.49	/	/	<=33	Pass
		Inner_Full	21.76	/	/	20.96	/	/	<=33	Pass
		Inner_1RB_Left	21.96	/	/	21.16	/	/	<=33	Pass

		Inner_1RB_Right	21.89	/	/	21.09	/	/	<=33	Pass	
		2535	Edge_1RB_Left	20.34	/	/	19.54	/	/	<=33	Pass
			Edge_1RB_Right	20.52	/	/	19.72	/	/	<=33	Pass
			Outer_Full	19.23	/	/	18.43	/	/	<=33	Pass
			Inner_Full	21.70	/	/	20.90	/	/	<=33	Pass
			Inner_1RB_Left	21.84	/	/	21.04	/	/	<=33	Pass
			Inner_1RB_Right	22.02	/	/	21.22	/	/	<=33	Pass
		2562.5	Edge_1RB_Left	20.61	/	/	19.81	/	/	<=33	Pass
			Edge_1RB_Right	20.56	/	/	19.76	/	/	<=33	Pass
			Outer_Full	19.37	/	/	18.57	/	/	<=33	Pass
			Inner_Full	21.83	/	/	21.03	/	/	<=33	Pass
			Inner_1RB_Left	21.86	/	/	21.06	/	/	<=33	Pass
Inner_1RB_Right	22.02		/	/	21.22	/	/	<=33	Pass		
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	19.18	/	/	18.38	/	/	<=33	Pass	
		Edge_1RB_Right	19.10	/	/	18.30	/	/	<=33	Pass	
		Outer_Full	19.39	/	/	18.59	/	/	<=33	Pass	
		Inner_Full	20.33	/	/	19.53	/	/	<=33	Pass	
		Inner_1RB_Left	20.29	/	/	19.49	/	/	<=33	Pass	
		Inner_1RB_Right	20.10	/	/	19.30	/	/	<=33	Pass	
	2535	Edge_1RB_Left	18.99	/	/	18.19	/	/	<=33	Pass	
		Edge_1RB_Right	19.23	/	/	18.43	/	/	<=33	Pass	
		Outer_Full	19.31	/	/	18.51	/	/	<=33	Pass	
		Inner_Full	20.30	/	/	19.50	/	/	<=33	Pass	
		Inner_1RB_Left	19.92	/	/	19.12	/	/	<=33	Pass	
		Inner_1RB_Right	20.22	/	/	19.42	/	/	<=33	Pass	
	2562.5	Edge_1RB_Left	19.35	/	/	18.55	/	/	<=33	Pass	
		Edge_1RB_Right	19.26	/	/	18.46	/	/	<=33	Pass	
		Outer_Full	19.47	/	/	18.67	/	/	<=33	Pass	
		Inner_Full	20.38	/	/	19.58	/	/	<=33	Pass	
		Inner_1RB_Left	20.23	/	/	19.43	/	/	<=33	Pass	
		Inner_1RB_Right	20.17	/	/	19.37	/	/	<=33	Pass	
CP-OFDM 256 QAM	2507.5	Edge_1RB_Left	17.39	/	/	16.59	/	/	<=33	Pass	
		Edge_1RB_Right	17.23	/	/	16.43	/	/	<=33	Pass	
		Outer_Full	17.30	/	/	16.50	/	/	<=33	Pass	
		Inner_Full	17.27	/	/	16.47	/	/	<=33	Pass	
		Inner_1RB_Left	17.31	/	/	16.51	/	/	<=33	Pass	
		Inner_1RB_Right	17.18	/	/	16.38	/	/	<=33	Pass	
	2535	Edge_1RB_Left	17.17	/	/	16.37	/	/	<=33	Pass	
		Edge_1RB_Right	17.32	/	/	16.52	/	/	<=33	Pass	
		Outer_Full	17.20	/	/	16.40	/	/	<=33	Pass	
		Inner_Full	17.23	/	/	16.43	/	/	<=33	Pass	
		Inner_1RB_Left	17.10	/	/	16.30	/	/	<=33	Pass	
		Inner_1RB_Right	17.38	/	/	16.58	/	/	<=33	Pass	
	2562.5	Edge_1RB_Left	17.42	/	/	16.62	/	/	<=33	Pass	
		Edge_1RB_Right	17.43	/	/	16.63	/	/	<=33	Pass	
		Outer_Full	17.40	/	/	16.60	/	/	<=33	Pass	
		Inner_Full	17.30	/	/	16.50	/	/	<=33	Pass	
		Inner_1RB_Left	17.32	/	/	16.52	/	/	<=33	Pass	
		Inner_1RB_Right	17.32	/	/	16.52	/	/	<=33	Pass	
Note1: Antenna Gain: Ant5: -0.80dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 15_S_20M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	22.61	/	/	21.81	/	/	<=33	Pass

		Edge_1RB_Right	22.44	/	/	21.64	/	/	<=33	Pass
		Outer_Full	21.33	/	/	20.53	/	/	<=33	Pass
		Inner_Full	23.87	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Right	23.97	/	/	23.17	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.31	/	/	21.51	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	21.79	/	/	<=33	Pass
		Outer_Full	21.27	/	/	20.47	/	/	<=33	Pass
		Inner_Full	23.79	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Left	23.88	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Right	24.18	/	/	23.38	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.61	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	21.76	/	/	<=33	Pass
		Outer_Full	21.34	/	/	20.54	/	/	<=33	Pass
		Inner_Full	23.87	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	24.23	/	/	23.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM		Inner_1RB_Right	24.14	/	/	23.34	/	/	<=33	Pass
		Edge_1RB_Left	21.55	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	21.40	/	/	20.60	/	/	<=33	Pass
		Outer_Full	21.39	/	/	20.59	/	/	<=33	Pass
		Inner_Full	22.86	/	/	22.06	/	/	<=33	Pass
	2510	Inner_1RB_Left	23.06	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	22.13	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.27	/	/	20.47	/	/	<=33	Pass
		Edge_1RB_Right	21.64	/	/	20.84	/	/	<=33	Pass
		Outer_Full	21.26	/	/	20.46	/	/	<=33	Pass
		Inner_Full	22.77	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	22.21	/	/	<=33	Pass
	2560	Edge_1RB_Left	21.59	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	21.37	/	/	20.57	/	/	<=33	Pass
		Outer_Full	21.39	/	/	20.59	/	/	<=33	Pass
		Inner_Full	22.88	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	23.07	/	/	22.27	/	/	<=33	Pass
DFT-s-OFDM 64 QAM		Inner_1RB_Right	23.01	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Left	20.67	/	/	19.87	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	19.82	/	/	<=33	Pass
		Outer_Full	20.95	/	/	20.15	/	/	<=33	Pass
		Inner_Full	21.40	/	/	20.60	/	/	<=33	Pass
	2510	Inner_1RB_Left	21.20	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	20.25	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.42	/	/	19.62	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	19.91	/	/	<=33	Pass
		Outer_Full	20.82	/	/	20.02	/	/	<=33	Pass
		Inner_Full	21.32	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Left	20.95	/	/	20.15	/	/	<=33	Pass
	2560	Inner_1RB_Right	21.42	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Left	20.76	/	/	19.96	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	19.88	/	/	<=33	Pass
		Outer_Full	20.96	/	/	20.16	/	/	<=33	Pass
		Inner_Full	21.39	/	/	20.59	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Inner_1RB_Left	21.28	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	20.35	/	/	<=33	Pass
		Edge_1RB_Left	18.96	/	/	18.16	/	/	<=33	Pass
		Edge_1RB_Right	18.84	/	/	18.04	/	/	<=33	Pass
		Outer_Full	18.84	/	/	18.04	/	/	<=33	Pass
		Inner_Full	19.37	/	/	18.57	/	/	<=33	Pass
		Inner_1RB_Left	19.48	/	/	18.68	/	/	<=33	Pass
		Inner_1RB_Right	19.36	/	/	18.56	/	/	<=33	Pass

	2535	Edge_1RB_Left	18.69	/	/	17.89	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	18.20	/	/	<=33	Pass
		Outer_Full	18.78	/	/	17.98	/	/	<=33	Pass
		Inner_Full	19.27	/	/	18.47	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	18.43	/	/	<=33	Pass
		Inner_1RB_Right	19.51	/	/	18.71	/	/	<=33	Pass
	2560	Edge_1RB_Left	19.03	/	/	18.23	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	18.20	/	/	<=33	Pass
		Outer_Full	18.90	/	/	18.10	/	/	<=33	Pass
		Inner_Full	19.38	/	/	18.58	/	/	<=33	Pass
		Inner_1RB_Left	19.55	/	/	18.75	/	/	<=33	Pass
		Inner_1RB_Right	19.52	/	/	18.72	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge_1RB_Left	20.50	/	/	19.70	/	/	<=33	Pass
		Edge_1RB_Right	20.31	/	/	19.51	/	/	<=33	Pass
		Outer_Full	19.25	/	/	18.45	/	/	<=33	Pass
		Inner_Full	22.26	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	22.36	/	/	21.56	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.19	/	/	19.39	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	19.65	/	/	<=33	Pass
		Outer_Full	19.17	/	/	18.37	/	/	<=33	Pass
		Inner_Full	22.17	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Left	21.93	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Right	22.54	/	/	21.74	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.55	/	/	19.75	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	19.65	/	/	<=33	Pass
		Outer_Full	19.28	/	/	18.48	/	/	<=33	Pass
		Inner_Full	22.30	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Left	22.63	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	21.73	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Edge_1RB_Left	20.60	/	/	19.80	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	19.63	/	/	<=33	Pass
		Outer_Full	19.35	/	/	18.55	/	/	<=33	Pass
		Inner_Full	21.81	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	21.09	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.33	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	19.78	/	/	<=33	Pass
		Outer_Full	19.27	/	/	18.47	/	/	<=33	Pass
		Inner_Full	21.74	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Left	21.72	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Right	21.98	/	/	21.18	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.62	/	/	19.82	/	/	<=33	Pass
		Edge_1RB_Right	20.51	/	/	19.71	/	/	<=33	Pass
		Outer_Full	19.31	/	/	18.51	/	/	<=33	Pass
		Inner_Full	21.78	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Left	22.06	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Right	21.95	/	/	21.15	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge_1RB_Left	19.23	/	/	18.43	/	/	<=33	Pass
		Edge_1RB_Right	19.10	/	/	18.30	/	/	<=33	Pass
		Outer_Full	19.45	/	/	18.65	/	/	<=33	Pass
		Inner_Full	20.39	/	/	19.59	/	/	<=33	Pass
		Inner_1RB_Left	20.19	/	/	19.39	/	/	<=33	Pass
		Inner_1RB_Right	20.08	/	/	19.28	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.99	/	/	18.19	/	/	<=33	Pass
		Edge_1RB_Right	19.42	/	/	18.62	/	/	<=33	Pass
		Outer_Full	19.30	/	/	18.50	/	/	<=33	Pass
		Inner_Full	20.32	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Left	19.93	/	/	19.13	/	/	<=33	Pass

	2560	Inner_1RB_Right	20.20	/	/	19.40	/	/	<=33	Pass
		Edge_1RB_Left	19.29	/	/	18.49	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	18.38	/	/	<=33	Pass
		Outer_Full	19.42	/	/	18.62	/	/	<=33	Pass
		Inner_Full	20.39	/	/	19.59	/	/	<=33	Pass
		Inner_1RB_Left	20.21	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Right	20.14	/	/	19.34	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Edge_1RB_Left	17.38	/	/	16.58	/	/	<=33	Pass
		Edge_1RB_Right	17.27	/	/	16.47	/	/	<=33	Pass
		Outer_Full	17.42	/	/	16.62	/	/	<=33	Pass
		Inner_Full	17.37	/	/	16.57	/	/	<=33	Pass
		Inner_1RB_Left	17.35	/	/	16.55	/	/	<=33	Pass
		Inner_1RB_Right	17.19	/	/	16.39	/	/	<=33	Pass
	2535	Edge_1RB_Left	17.13	/	/	16.33	/	/	<=33	Pass
		Edge_1RB_Right	17.32	/	/	16.52	/	/	<=33	Pass
		Outer_Full	17.27	/	/	16.47	/	/	<=33	Pass
		Inner_Full	17.20	/	/	16.40	/	/	<=33	Pass
		Inner_1RB_Left	16.92	/	/	16.12	/	/	<=33	Pass
		Inner_1RB_Right	17.29	/	/	16.49	/	/	<=33	Pass
	2560	Edge_1RB_Left	17.38	/	/	16.58	/	/	<=33	Pass
		Edge_1RB_Right	17.36	/	/	16.56	/	/	<=33	Pass
		Outer_Full	17.46	/	/	16.66	/	/	<=33	Pass
		Inner_Full	17.36	/	/	16.56	/	/	<=33	Pass
		Inner_1RB_Left	17.40	/	/	16.60	/	/	<=33	Pass
Inner_1RB_Right		17.35	/	/	16.55	/	/	<=33	Pass	
Note1: Antenna Gain: Ant5: -0.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15_S_25M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	22.64	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.67	/	/	<=33	Pass
		Outer_Full	21.36	/	/	20.56	/	/	<=33	Pass
		Inner_Full	23.82	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	23.20	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.33	/	/	21.53	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	21.80	/	/	<=33	Pass
		Outer_Full	21.24	/	/	20.44	/	/	<=33	Pass
		Inner_Full	23.71	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	23.79	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	23.28	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	10.21	/	/	9.41	/	/	<=33	Pass
		Edge_1RB_Right	10.99	/	/	10.19	/	/	<=33	Pass
		Outer_Full	9.41	/	/	8.61	/	/	<=33	Pass
		Inner_Full	11.95	/	/	11.15	/	/	<=33	Pass
		Inner_1RB_Left	11.84	/	/	11.04	/	/	<=33	Pass
		Inner_1RB_Right	12.58	/	/	11.78	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge_1RB_Left	21.64	/	/	20.84	/	/	<=33	Pass
		Edge_1RB_Right	21.42	/	/	20.62	/	/	<=33	Pass
		Outer_Full	21.48	/	/	20.68	/	/	<=33	Pass
		Inner_Full	9.97	/	/	9.17	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Right	10.44	/	/	9.64	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.25	/	/	20.45	/	/	<=33	Pass

		Edge_1RB_Right	21.67	/	/	20.87	/	/	<=33	Pass
		Outer_Full	21.35	/	/	20.55	/	/	<=33	Pass
		Inner_Full	22.73	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Right	23.04	/	/	22.24	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	9.17	/	/	8.37	/	/	<=33	Pass
		Edge_1RB_Right	9.98	/	/	9.18	/	/	<=33	Pass
		Outer_Full	9.61	/	/	8.81	/	/	<=33	Pass
		Inner_Full	11.00	/	/	10.20	/	/	<=33	Pass
		Inner_1RB_Left	10.68	/	/	9.88	/	/	<=33	Pass
		Inner_1RB_Right	11.44	/	/	10.64	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Edge_1RB_Left	8.05	/	/	7.25	/	/	<=33	Pass
		Edge_1RB_Right	8.35	/	/	7.55	/	/	<=33	Pass
		Outer_Full	8.22	/	/	7.42	/	/	<=33	Pass
		Inner_Full	8.56	/	/	7.76	/	/	<=33	Pass
		Inner_1RB_Left	8.59	/	/	7.79	/	/	<=33	Pass
		Inner_1RB_Right	8.87	/	/	8.07	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.42	/	/	19.62	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	19.95	/	/	<=33	Pass
		Outer_Full	20.87	/	/	20.07	/	/	<=33	Pass
		Inner_Full	21.37	/	/	20.57	/	/	<=33	Pass
		Inner_1RB_Left	20.93	/	/	20.13	/	/	<=33	Pass
		Inner_1RB_Right	21.18	/	/	20.38	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	8.41	/	/	7.61	/	/	<=33	Pass
		Edge_1RB_Right	8.92	/	/	8.12	/	/	<=33	Pass
		Outer_Full	9.16	/	/	8.36	/	/	<=33	Pass
		Inner_Full	9.58	/	/	8.78	/	/	<=33	Pass
		Inner_1RB_Left	8.89	/	/	8.09	/	/	<=33	Pass
		Inner_1RB_Right	9.65	/	/	8.85	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Edge_1RB_Left	6.45	/	/	5.65	/	/	<=33	Pass
		Edge_1RB_Right	6.70	/	/	5.90	/	/	<=33	Pass
		Outer_Full	6.26	/	/	5.46	/	/	<=33	Pass
		Inner_Full	6.58	/	/	5.78	/	/	<=33	Pass
		Inner_1RB_Left	6.92	/	/	6.12	/	/	<=33	Pass
		Inner_1RB_Right	7.17	/	/	6.37	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.76	/	/	17.96	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	18.20	/	/	<=33	Pass
		Outer_Full	18.84	/	/	18.04	/	/	<=33	Pass
		Inner_Full	19.34	/	/	18.54	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	18.38	/	/	<=33	Pass
		Inner_1RB_Right	19.49	/	/	18.69	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	6.73	/	/	5.93	/	/	<=33	Pass
		Edge_1RB_Right	7.47	/	/	6.67	/	/	<=33	Pass
		Outer_Full	7.11	/	/	6.31	/	/	<=33	Pass
		Inner_Full	7.55	/	/	6.75	/	/	<=33	Pass
		Inner_1RB_Left	7.24	/	/	6.44	/	/	<=33	Pass
		Inner_1RB_Right	8.00	/	/	7.20	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge_1RB_Left	7.99	/	/	7.19	/	/	<=33	Pass
		Edge_1RB_Right	8.26	/	/	7.46	/	/	<=33	Pass
		Outer_Full	6.69	/	/	5.89	/	/	<=33	Pass
		Inner_Full	9.60	/	/	8.80	/	/	<=33	Pass
		Inner_1RB_Left	10.08	/	/	9.28	/	/	<=33	Pass
		Inner_1RB_Right	10.31	/	/	9.51	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.20	/	/	19.40	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	19.70	/	/	<=33	Pass
		Outer_Full	19.17	/	/	18.37	/	/	<=33	Pass
		Inner_Full	22.24	/	/	21.44	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	21.47	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	21.75	/	/	<=33	Pass

	2557.5	Edge_1RB_Left	8.22	/	/	7.42	/	/	<=33	Pass
		Edge_1RB_Right	8.98	/	/	8.18	/	/	<=33	Pass
		Outer_Full	7.52	/	/	6.72	/	/	<=33	Pass
		Inner_Full	10.50	/	/	9.70	/	/	<=33	Pass
		Inner_1RB_Left	10.32	/	/	9.52	/	/	<=33	Pass
		Inner_1RB_Right	10.86	/	/	10.06	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	8.04	/	/	7.24	/	/	<=33	Pass
		Edge_1RB_Right	8.35	/	/	7.55	/	/	<=33	Pass
		Outer_Full	6.79	/	/	5.99	/	/	<=33	Pass
		Inner_Full	9.15	/	/	8.35	/	/	<=33	Pass
		Inner_1RB_Left	9.51	/	/	8.71	/	/	<=33	Pass
		Inner_1RB_Right	9.83	/	/	9.03	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.36	/	/	19.56	/	/	<=33	Pass
		Edge_1RB_Right	20.61	/	/	19.81	/	/	<=33	Pass
		Outer_Full	19.20	/	/	18.40	/	/	<=33	Pass
		Inner_Full	21.82	/	/	21.02	/	/	<=33	Pass
		Inner_1RB_Left	21.80	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Right	22.06	/	/	21.26	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	8.24	/	/	7.44	/	/	<=33	Pass
		Edge_1RB_Right	9.03	/	/	8.23	/	/	<=33	Pass
		Outer_Full	7.54	/	/	6.74	/	/	<=33	Pass
		Inner_Full	10.05	/	/	9.25	/	/	<=33	Pass
		Inner_1RB_Left	9.66	/	/	8.86	/	/	<=33	Pass
		Inner_1RB_Right	10.43	/	/	9.63	/	/	<=33	Pass
CP-OFDM 64 QAM	2512.5	Edge_1RB_Left	6.77	/	/	5.97	/	/	<=33	Pass
		Edge_1RB_Right	7.06	/	/	6.26	/	/	<=33	Pass
		Outer_Full	6.86	/	/	6.06	/	/	<=33	Pass
		Inner_Full	7.72	/	/	6.92	/	/	<=33	Pass
		Inner_1RB_Left	7.75	/	/	6.95	/	/	<=33	Pass
		Inner_1RB_Right	8.01	/	/	7.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.00	/	/	18.20	/	/	<=33	Pass
		Edge_1RB_Right	19.22	/	/	18.42	/	/	<=33	Pass
		Outer_Full	19.30	/	/	18.50	/	/	<=33	Pass
		Inner_Full	20.34	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Left	19.94	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Right	20.31	/	/	19.51	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	6.88	/	/	6.08	/	/	<=33	Pass
		Edge_1RB_Right	7.66	/	/	6.86	/	/	<=33	Pass
		Outer_Full	7.64	/	/	6.84	/	/	<=33	Pass
		Inner_Full	8.56	/	/	7.76	/	/	<=33	Pass
		Inner_1RB_Left	7.82	/	/	7.02	/	/	<=33	Pass
		Inner_1RB_Right	8.76	/	/	7.96	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Edge_1RB_Left	4.91	/	/	4.11	/	/	<=33	Pass
		Edge_1RB_Right	5.17	/	/	4.37	/	/	<=33	Pass
		Outer_Full	4.87	/	/	4.07	/	/	<=33	Pass
		Inner_Full	4.63	/	/	3.83	/	/	<=33	Pass
		Inner_1RB_Left	4.86	/	/	4.06	/	/	<=33	Pass
		Inner_1RB_Right	5.21	/	/	4.41	/	/	<=33	Pass
	2535	Edge_1RB_Left	17.18	/	/	16.38	/	/	<=33	Pass
		Edge_1RB_Right	17.39	/	/	16.59	/	/	<=33	Pass
		Outer_Full	17.27	/	/	16.47	/	/	<=33	Pass
		Inner_Full	17.30	/	/	16.50	/	/	<=33	Pass
		Inner_1RB_Left	17.05	/	/	16.25	/	/	<=33	Pass
		Inner_1RB_Right	17.40	/	/	16.60	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	5.09	/	/	4.29	/	/	<=33	Pass
		Edge_1RB_Right	5.88	/	/	5.08	/	/	<=33	Pass
		Outer_Full	5.58	/	/	4.78	/	/	<=33	Pass
		Inner_Full	5.51	/	/	4.71	/	/	<=33	Pass
		Inner_1RB_Left	5.05	/	/	4.25	/	/	<=33	Pass

		Inner_1RB_Right	5.87	/	/	5.07	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.80dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15_S_30M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2515	Edge_1RB_Left	22.48	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	21.65	/	/	<=33	Pass
		Outer_Full	21.25	/	/	20.45	/	/	<=33	Pass
		Inner_Full	23.69	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Left	23.84	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Right	23.99	/	/	23.19	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.30	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.81	/	/	<=33	Pass
		Outer_Full	21.25	/	/	20.45	/	/	<=33	Pass
		Inner_Full	23.75	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	23.27	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.50	/	/	21.70	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	21.77	/	/	<=33	Pass
		Outer_Full	21.30	/	/	20.50	/	/	<=33	Pass
		Inner_Full	23.75	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Left	24.07	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	24.09	/	/	23.29	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge_1RB_Left	21.45	/	/	20.65	/	/	<=33	Pass
		Edge_1RB_Right	21.43	/	/	20.63	/	/	<=33	Pass
		Outer_Full	21.34	/	/	20.54	/	/	<=33	Pass
		Inner_Full	22.78	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	22.92	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	22.05	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.26	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	21.57	/	/	20.77	/	/	<=33	Pass
		Outer_Full	21.27	/	/	20.47	/	/	<=33	Pass
		Inner_Full	22.76	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	23.04	/	/	22.24	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.48	/	/	20.68	/	/	<=33	Pass
		Edge_1RB_Right	21.42	/	/	20.62	/	/	<=33	Pass
		Outer_Full	21.34	/	/	20.54	/	/	<=33	Pass
		Inner_Full	22.81	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	22.97	/	/	22.17	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Left	20.78	/	/	19.98	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	19.90	/	/	<=33	Pass
		Outer_Full	20.84	/	/	20.04	/	/	<=33	Pass
		Inner_Full	21.34	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	20.42	/	/	<=33	Pass
		Inner_1RB_Right	21.04	/	/	20.24	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.44	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	20.02	/	/	<=33	Pass
		Outer_Full	20.83	/	/	20.03	/	/	<=33	Pass
		Inner_Full	21.32	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Left	20.94	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Right	21.21	/	/	20.41	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.57	/	/	19.77	/	/	<=33	Pass

		Edge_1RB_Right	20.64	/	/	19.84	/	/	<=33	Pass
		Outer_Full	20.92	/	/	20.12	/	/	<=33	Pass
		Inner_Full	21.34	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	20.27	/	/	<=33	Pass
		Inner_1RB_Right	21.23	/	/	20.43	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Edge_1RB_Left	18.92	/	/	18.12	/	/	<=33	Pass
		Edge_1RB_Right	18.83	/	/	18.03	/	/	<=33	Pass
		Outer_Full	18.83	/	/	18.03	/	/	<=33	Pass
		Inner_Full	19.32	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Left	19.42	/	/	18.62	/	/	<=33	Pass
		Inner_1RB_Right	19.39	/	/	18.59	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.70	/	/	17.90	/	/	<=33	Pass
		Edge_1RB_Right	19.05	/	/	18.25	/	/	<=33	Pass
		Outer_Full	18.82	/	/	18.02	/	/	<=33	Pass
		Inner_Full	19.23	/	/	18.43	/	/	<=33	Pass
		Inner_1RB_Left	19.22	/	/	18.42	/	/	<=33	Pass
		Inner_1RB_Right	19.54	/	/	18.74	/	/	<=33	Pass
	2555	Edge_1RB_Left	18.94	/	/	18.14	/	/	<=33	Pass
		Edge_1RB_Right	18.94	/	/	18.14	/	/	<=33	Pass
		Outer_Full	18.90	/	/	18.10	/	/	<=33	Pass
		Inner_Full	19.33	/	/	18.53	/	/	<=33	Pass
		Inner_1RB_Left	19.46	/	/	18.66	/	/	<=33	Pass
		Inner_1RB_Right	19.45	/	/	18.65	/	/	<=33	Pass
CP-OFDM QPSK	2515	Edge_1RB_Left	20.41	/	/	19.61	/	/	<=33	Pass
		Edge_1RB_Right	20.34	/	/	19.54	/	/	<=33	Pass
		Outer_Full	19.29	/	/	18.49	/	/	<=33	Pass
		Inner_Full	22.19	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Left	22.41	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Right	22.40	/	/	21.60	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.15	/	/	19.35	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	19.67	/	/	<=33	Pass
		Outer_Full	19.17	/	/	18.37	/	/	<=33	Pass
		Inner_Full	22.21	/	/	21.41	/	/	<=33	Pass
		Inner_1RB_Left	22.16	/	/	21.36	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	21.76	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.41	/	/	19.61	/	/	<=33	Pass
		Edge_1RB_Right	20.46	/	/	19.66	/	/	<=33	Pass
		Outer_Full	19.30	/	/	18.50	/	/	<=33	Pass
		Inner_Full	22.27	/	/	21.47	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	21.67	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Edge_1RB_Left	20.50	/	/	19.70	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	19.67	/	/	<=33	Pass
		Outer_Full	19.22	/	/	18.42	/	/	<=33	Pass
		Inner_Full	21.69	/	/	20.89	/	/	<=33	Pass
		Inner_1RB_Left	21.93	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Right	21.94	/	/	21.14	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.33	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Right	20.63	/	/	19.83	/	/	<=33	Pass
		Outer_Full	19.13	/	/	18.33	/	/	<=33	Pass
		Inner_Full	21.71	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Left	21.80	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	21.24	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.52	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	19.74	/	/	<=33	Pass
		Outer_Full	19.26	/	/	18.46	/	/	<=33	Pass
		Inner_Full	21.75	/	/	20.95	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Right	21.93	/	/	21.13	/	/	<=33	Pass

CP-OFDM 64 QAM	2515	Edge_1RB_Left	19.17	/	/	18.37	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	18.38	/	/	<=33	Pass
		Outer_Full	19.32	/	/	18.52	/	/	<=33	Pass
		Inner_Full	20.31	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Left	20.13	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	19.39	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.00	/	/	18.20	/	/	<=33	Pass
		Edge_1RB_Right	19.42	/	/	18.62	/	/	<=33	Pass
		Outer_Full	19.26	/	/	18.46	/	/	<=33	Pass
		Inner_Full	20.32	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Left	19.98	/	/	19.18	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	19.55	/	/	<=33	Pass
	2555	Edge_1RB_Left	19.19	/	/	18.39	/	/	<=33	Pass
		Edge_1RB_Right	19.30	/	/	18.50	/	/	<=33	Pass
		Outer_Full	19.41	/	/	18.61	/	/	<=33	Pass
		Inner_Full	20.35	/	/	19.55	/	/	<=33	Pass
		Inner_1RB_Left	20.16	/	/	19.36	/	/	<=33	Pass
		Inner_1RB_Right	20.14	/	/	19.34	/	/	<=33	Pass
CP-OFDM 256 QAM	2515	Edge_1RB_Left	17.32	/	/	16.52	/	/	<=33	Pass
		Edge_1RB_Right	17.33	/	/	16.53	/	/	<=33	Pass
		Outer_Full	17.36	/	/	16.56	/	/	<=33	Pass
		Inner_Full	17.25	/	/	16.45	/	/	<=33	Pass
		Inner_1RB_Left	17.31	/	/	16.51	/	/	<=33	Pass
		Inner_1RB_Right	17.34	/	/	16.54	/	/	<=33	Pass
	2535	Edge_1RB_Left	17.14	/	/	16.34	/	/	<=33	Pass
		Edge_1RB_Right	17.48	/	/	16.68	/	/	<=33	Pass
		Outer_Full	17.22	/	/	16.42	/	/	<=33	Pass
		Inner_Full	17.26	/	/	16.46	/	/	<=33	Pass
		Inner_1RB_Left	17.18	/	/	16.38	/	/	<=33	Pass
		Inner_1RB_Right	17.39	/	/	16.59	/	/	<=33	Pass
	2555	Edge_1RB_Left	17.39	/	/	16.59	/	/	<=33	Pass
		Edge_1RB_Right	17.36	/	/	16.56	/	/	<=33	Pass
		Outer_Full	17.34	/	/	16.54	/	/	<=33	Pass
		Inner_Full	17.28	/	/	16.48	/	/	<=33	Pass
		Inner_1RB_Left	17.29	/	/	16.49	/	/	<=33	Pass
		Inner_1RB_Right	17.32	/	/	16.52	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15_S_40M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2520	Edge_1RB_Left	22.59	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.67	/	/	<=33	Pass
		Outer_Full	21.36	/	/	20.56	/	/	<=33	Pass
		Inner_Full	23.74	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Right	24.18	/	/	23.38	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.32	/	/	21.52	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	21.74	/	/	<=33	Pass
		Outer_Full	21.19	/	/	20.39	/	/	<=33	Pass
		Inner_Full	23.78	/	/	22.98	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Right	24.03	/	/	23.23	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.41	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	21.77	/	/	<=33	Pass

		Outer_Full	21.33	/	/	20.53	/	/	<=33	Pass
		Inner_Full	23.89	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Right	24.13	/	/	23.33	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	21.58	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	21.58	/	/	20.78	/	/	<=33	Pass
		Outer_Full	21.40	/	/	20.60	/	/	<=33	Pass
		Inner_Full	22.82	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	23.02	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Left	21.29	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	21.34	/	/	20.54	/	/	<=33	Pass
	2535	Outer_Full	21.24	/	/	20.44	/	/	<=33	Pass
		Inner_Full	22.82	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	22.74	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Left	21.42	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	21.48	/	/	20.68	/	/	<=33	Pass
		Outer_Full	21.42	/	/	20.62	/	/	<=33	Pass
		Inner_Full	22.95	/	/	22.15	/	/	<=33	Pass
	2550	Inner_1RB_Left	22.89	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	22.98	/	/	22.18	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Left	20.79	/	/	19.99	/	/	<=33	Pass
		Edge_1RB_Right	20.90	/	/	20.10	/	/	<=33	Pass
		Outer_Full	20.95	/	/	20.15	/	/	<=33	Pass
		Inner_Full	21.36	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Left	21.39	/	/	20.59	/	/	<=33	Pass
		Inner_1RB_Right	21.24	/	/	20.44	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.37	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	19.78	/	/	<=33	Pass
		Outer_Full	20.79	/	/	19.99	/	/	<=33	Pass
		Inner_Full	21.33	/	/	20.53	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	20.31	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.53	/	/	19.73	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	19.82	/	/	<=33	Pass
		Outer_Full	20.94	/	/	20.14	/	/	<=33	Pass
		Inner_Full	21.48	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Left	21.06	/	/	20.26	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	20.14	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge_1RB_Left	19.00	/	/	18.20	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	18.24	/	/	<=33	Pass
		Outer_Full	18.92	/	/	18.12	/	/	<=33	Pass
		Inner_Full	19.38	/	/	18.58	/	/	<=33	Pass
		Inner_1RB_Left	19.49	/	/	18.69	/	/	<=33	Pass
		Inner_1RB_Right	19.56	/	/	18.76	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.73	/	/	17.93	/	/	<=33	Pass
		Edge_1RB_Right	18.93	/	/	18.13	/	/	<=33	Pass
		Outer_Full	18.77	/	/	17.97	/	/	<=33	Pass
		Inner_Full	19.32	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Left	19.22	/	/	18.42	/	/	<=33	Pass
		Inner_1RB_Right	19.45	/	/	18.65	/	/	<=33	Pass
	2550	Edge_1RB_Left	18.86	/	/	18.06	/	/	<=33	Pass
		Edge_1RB_Right	18.90	/	/	18.10	/	/	<=33	Pass
		Outer_Full	18.93	/	/	18.13	/	/	<=33	Pass
		Inner_Full	19.48	/	/	18.68	/	/	<=33	Pass
		Inner_1RB_Left	19.34	/	/	18.54	/	/	<=33	Pass
		Inner_1RB_Right	19.48	/	/	18.68	/	/	<=33	Pass
CP-OFDM QPSK	2520	Edge_1RB_Left	20.50	/	/	19.70	/	/	<=33	Pass

		Edge_1RB_Right	20.52	/	/	19.72	/	/	<=33	Pass
		Outer_Full	19.32	/	/	18.52	/	/	<=33	Pass
		Inner_Full	22.27	/	/	21.47	/	/	<=33	Pass
		Inner_1RB_Left	22.54	/	/	21.74	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	21.81	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.23	/	/	19.43	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	19.63	/	/	<=33	Pass
		Outer_Full	19.18	/	/	18.38	/	/	<=33	Pass
		Inner_Full	22.25	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Left	22.26	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	21.68	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.33	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	19.62	/	/	<=33	Pass
		Outer_Full	19.34	/	/	18.54	/	/	<=33	Pass
		Inner_Full	22.36	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	21.57	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	21.76	/	/	<=33	Pass
CP-OFDM 16 QAM	2520	Edge_1RB_Left	20.52	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	19.82	/	/	<=33	Pass
		Outer_Full	19.38	/	/	18.58	/	/	<=33	Pass
		Inner_Full	21.83	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Right	22.15	/	/	21.35	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.33	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	19.73	/	/	<=33	Pass
		Outer_Full	19.20	/	/	18.40	/	/	<=33	Pass
		Inner_Full	21.79	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Left	21.78	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Right	22.05	/	/	21.25	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.42	/	/	19.62	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	19.73	/	/	<=33	Pass
		Outer_Full	19.41	/	/	18.61	/	/	<=33	Pass
		Inner_Full	21.94	/	/	21.14	/	/	<=33	Pass
		Inner_1RB_Left	21.88	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Right	22.02	/	/	21.22	/	/	<=33	Pass
CP-OFDM 64 QAM	2520	Edge_1RB_Left	19.27	/	/	18.47	/	/	<=33	Pass
		Edge_1RB_Right	19.39	/	/	18.59	/	/	<=33	Pass
		Outer_Full	19.47	/	/	18.67	/	/	<=33	Pass
		Inner_Full	20.40	/	/	19.60	/	/	<=33	Pass
		Inner_1RB_Left	20.31	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Right	20.30	/	/	19.50	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.01	/	/	18.21	/	/	<=33	Pass
		Edge_1RB_Right	19.32	/	/	18.52	/	/	<=33	Pass
		Outer_Full	19.28	/	/	18.48	/	/	<=33	Pass
		Inner_Full	20.33	/	/	19.53	/	/	<=33	Pass
		Inner_1RB_Left	19.96	/	/	19.16	/	/	<=33	Pass
		Inner_1RB_Right	20.21	/	/	19.41	/	/	<=33	Pass
	2550	Edge_1RB_Left	19.11	/	/	18.31	/	/	<=33	Pass
		Edge_1RB_Right	19.19	/	/	18.39	/	/	<=33	Pass
		Outer_Full	19.48	/	/	18.68	/	/	<=33	Pass
		Inner_Full	20.49	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Left	20.09	/	/	19.29	/	/	<=33	Pass
		Inner_1RB_Right	20.18	/	/	19.38	/	/	<=33	Pass
CP-OFDM 256 QAM	2520	Edge_1RB_Left	17.45	/	/	16.65	/	/	<=33	Pass
		Edge_1RB_Right	17.51	/	/	16.71	/	/	<=33	Pass
		Outer_Full	17.42	/	/	16.62	/	/	<=33	Pass
		Inner_Full	17.37	/	/	16.57	/	/	<=33	Pass
		Inner_1RB_Left	17.47	/	/	16.67	/	/	<=33	Pass
		Inner_1RB_Right	17.58	/	/	16.78	/	/	<=33	Pass

	2535	Edge_1RB_Left	17.12	/	/	16.32	/	/	<=33	Pass
		Edge_1RB_Right	17.39	/	/	16.59	/	/	<=33	Pass
		Outer_Full	17.28	/	/	16.48	/	/	<=33	Pass
		Inner_Full	17.33	/	/	16.53	/	/	<=33	Pass
		Inner_1RB_Left	17.16	/	/	16.36	/	/	<=33	Pass
		Inner_1RB_Right	17.43	/	/	16.63	/	/	<=33	Pass
	2550	Edge_1RB_Left	17.25	/	/	16.45	/	/	<=33	Pass
		Edge_1RB_Right	17.39	/	/	16.59	/	/	<=33	Pass
		Outer_Full	17.43	/	/	16.63	/	/	<=33	Pass
		Inner_Full	17.46	/	/	16.66	/	/	<=33	Pass
		Inner_1RB_Left	17.25	/	/	16.45	/	/	<=33	Pass
		Inner_1RB_Right	17.43	/	/	16.63	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 15_S_50M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2525	Edge_1RB_Left	22.45	/	/	21.65	/	/	<=33	Pass
		Edge_1RB_Right	22.62	/	/	21.82	/	/	<=33	Pass
		Outer_Full	21.28	/	/	20.48	/	/	<=33	Pass
		Inner_Full	23.63	/	/	22.83	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	23.32	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.32	/	/	21.52	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	21.65	/	/	<=33	Pass
		Outer_Full	21.20	/	/	20.40	/	/	<=33	Pass
		Inner_Full	23.70	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	23.20	/	/	<=33	Pass
	2545	Edge_1RB_Left	22.21	/	/	21.41	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	21.46	/	/	<=33	Pass
		Outer_Full	21.26	/	/	20.46	/	/	<=33	Pass
		Inner_Full	23.73	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Right	24.06	/	/	23.26	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2525	Edge_1RB_Left	21.41	/	/	20.61	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	20.80	/	/	<=33	Pass
		Outer_Full	21.39	/	/	20.59	/	/	<=33	Pass
		Inner_Full	22.76	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	22.30	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.32	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	21.40	/	/	20.60	/	/	<=33	Pass
		Outer_Full	21.24	/	/	20.44	/	/	<=33	Pass
		Inner_Full	22.78	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	22.14	/	/	<=33	Pass
	2545	Edge_1RB_Left	21.23	/	/	20.43	/	/	<=33	Pass
		Edge_1RB_Right	21.36	/	/	20.56	/	/	<=33	Pass
		Outer_Full	21.32	/	/	20.52	/	/	<=33	Pass
		Inner_Full	22.87	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Right	22.96	/	/	22.16	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2525	Edge_1RB_Left	20.53	/	/	19.73	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	19.91	/	/	<=33	Pass

		Outer_Full	20.89	/	/	20.09	/	/	<=33	Pass
		Inner_Full	21.32	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Right	21.24	/	/	20.44	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.46	/	/	19.66	/	/	<=33	Pass
		Edge_1RB_Right	20.59	/	/	19.79	/	/	<=33	Pass
		Outer_Full	20.80	/	/	20.00	/	/	<=33	Pass
		Inner_Full	21.33	/	/	20.53	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Right	21.02	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Left	20.24	/	/	19.44	/	/	<=33	Pass
		Edge_1RB_Right	20.59	/	/	19.79	/	/	<=33	Pass
	2545	Outer_Full	20.86	/	/	20.06	/	/	<=33	Pass
		Inner_Full	21.42	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	20.04	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	20.31	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2525	Edge_1RB_Left	18.85	/	/	18.05	/	/	<=33	Pass
		Edge_1RB_Right	19.03	/	/	18.23	/	/	<=33	Pass
		Outer_Full	18.86	/	/	18.06	/	/	<=33	Pass
		Inner_Full	19.32	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	18.59	/	/	<=33	Pass
		Inner_1RB_Right	19.56	/	/	18.76	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.74	/	/	17.94	/	/	<=33	Pass
		Edge_1RB_Right	18.83	/	/	18.03	/	/	<=33	Pass
		Outer_Full	18.72	/	/	17.92	/	/	<=33	Pass
		Inner_Full	19.35	/	/	18.55	/	/	<=33	Pass
		Inner_1RB_Left	19.30	/	/	18.50	/	/	<=33	Pass
		Inner_1RB_Right	19.34	/	/	18.54	/	/	<=33	Pass
	2545	Edge_1RB_Left	18.67	/	/	17.87	/	/	<=33	Pass
		Edge_1RB_Right	18.87	/	/	18.07	/	/	<=33	Pass
		Outer_Full	18.83	/	/	18.03	/	/	<=33	Pass
		Inner_Full	19.44	/	/	18.64	/	/	<=33	Pass
CP-OFDM QPSK	2525	Inner_1RB_Left	19.10	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Right	19.45	/	/	18.65	/	/	<=33	Pass
		Edge_1RB_Left	20.34	/	/	19.54	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.83	/	/	<=33	Pass
	2535	Outer_Full	19.27	/	/	18.47	/	/	<=33	Pass
		Inner_Full	22.19	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Left	20.25	/	/	19.45	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	21.68	/	/	<=33	Pass
		Outer_Full	19.19	/	/	18.39	/	/	<=33	Pass
		Inner_Full	22.22	/	/	21.42	/	/	<=33	Pass
	2545	Inner_1RB_Left	22.32	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Left	20.11	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	21.53	/	/	<=33	Pass
CP-OFDM 16 QAM	2525	Outer_Full	19.22	/	/	18.42	/	/	<=33	Pass
		Inner_Full	22.32	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	22.20	/	/	21.40	/	/	<=33	Pass
		Inner_1RB_Right	22.37	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Left	20.44	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	21.34	/	/	<=33	Pass
		Outer_Full	19.29	/	/	18.49	/	/	<=33	Pass
		Inner_Full	21.74	/	/	20.94	/	/	<=33	Pass
	2535	Inner_1RB_Left	21.92	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Right	22.02	/	/	21.22	/	/	<=33	Pass
	2545	Edge_1RB_Left	20.31	/	/	19.51	/	/	<=33	Pass

		Edge_1RB_Right	22.03	/	/	21.23	/	/	<=33	Pass
		Outer_Full	19.25	/	/	18.45	/	/	<=33	Pass
		Inner_Full	21.80	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	21.87	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	21.24	/	/	<=33	Pass
	2545	Edge_1RB_Left	20.25	/	/	19.45	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	21.13	/	/	<=33	Pass
		Outer_Full	19.27	/	/	18.47	/	/	<=33	Pass
		Inner_Full	21.87	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	20.90	/	/	<=33	Pass
		Inner_1RB_Right	21.95	/	/	21.15	/	/	<=33	Pass
CP-OFDM 64 QAM	2525	Edge_1RB_Left	19.12	/	/	18.32	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	19.52	/	/	<=33	Pass
		Outer_Full	19.37	/	/	18.57	/	/	<=33	Pass
		Inner_Full	20.33	/	/	19.53	/	/	<=33	Pass
		Inner_1RB_Left	20.07	/	/	19.27	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	19.55	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.06	/	/	18.26	/	/	<=33	Pass
		Edge_1RB_Right	20.18	/	/	19.38	/	/	<=33	Pass
		Outer_Full	19.31	/	/	18.51	/	/	<=33	Pass
		Inner_Full	20.36	/	/	19.56	/	/	<=33	Pass
		Inner_1RB_Left	20.00	/	/	19.20	/	/	<=33	Pass
		Inner_1RB_Right	20.18	/	/	19.38	/	/	<=33	Pass
	2545	Edge_1RB_Left	18.95	/	/	18.15	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	19.28	/	/	<=33	Pass
		Outer_Full	19.34	/	/	18.54	/	/	<=33	Pass
		Inner_Full	20.41	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Left	19.90	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Right	20.11	/	/	19.31	/	/	<=33	Pass
CP-OFDM 256 QAM	2525	Edge_1RB_Left	17.25	/	/	16.45	/	/	<=33	Pass
		Edge_1RB_Right	17.46	/	/	16.66	/	/	<=33	Pass
		Outer_Full	17.32	/	/	16.52	/	/	<=33	Pass
		Inner_Full	17.31	/	/	16.51	/	/	<=33	Pass
		Inner_1RB_Left	17.23	/	/	16.43	/	/	<=33	Pass
		Inner_1RB_Right	17.48	/	/	16.68	/	/	<=33	Pass
	2535	Edge_1RB_Left	17.20	/	/	16.40	/	/	<=33	Pass
		Edge_1RB_Right	17.30	/	/	16.50	/	/	<=33	Pass
		Outer_Full	17.30	/	/	16.50	/	/	<=33	Pass
		Inner_Full	17.33	/	/	16.53	/	/	<=33	Pass
		Inner_1RB_Left	17.20	/	/	16.40	/	/	<=33	Pass
		Inner_1RB_Right	17.38	/	/	16.58	/	/	<=33	Pass
	2545	Edge_1RB_Left	17.13	/	/	16.33	/	/	<=33	Pass
		Edge_1RB_Right	17.31	/	/	16.51	/	/	<=33	Pass
		Outer_Full	17.35	/	/	16.55	/	/	<=33	Pass
Inner_Full		17.38	/	/	16.58	/	/	<=33	Pass	
Inner_1RB_Left		17.10	/	/	16.30	/	/	<=33	Pass	
		Inner_1RB_Right	17.25	/	/	16.45	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -0.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_50M

5G NR n7 SCS=15kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	1.70	0.0007	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_NTNV

5G NR n7 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	4.52	4.99	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	4.52	4.97	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	4.55	5.00	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	4.55	4.98	/	Pass
CP-OFDM QPSK	2535	Outer_Full	4.52	5.45	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	4.52	5.00	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	4.51	5.02	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	4.53	5.19	/	Pass

3.1.2 15_S_10M_NTNV

5G NR n7 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	9.05	9.74	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	9.07	9.80	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	9.08	9.74	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	9.01	9.73	/	Pass
CP-OFDM QPSK	2535	Outer_Full	9.38	10.08	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	9.35	10.07	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	9.37	10.09	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	9.38	10.84	/	Pass

3.1.3 15_S_15M_NTNV

5G NR n7 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	13.57	16.46	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	13.56	14.58	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	13.58	16.04	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	13.57	14.57	/	Pass
CP-OFDM QPSK	2535	Outer_Full	14.20	15.29	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	14.26	15.30	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	14.28	15.31	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	14.27	15.26	/	Pass

3.1.4 15_S_20M_NTNV

5G NR n7 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	18.09	19.45	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	18.08	19.40	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	18.09	19.44	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	18.02	19.37	/	Pass
CP-OFDM QPSK	2535	Outer_Full	19.11	20.46	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	19.10	20.51	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	19.11	20.46	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	19.07	20.55	/	Pass

3.1.5 15_S_25M_NTNV

5G NR n7 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	23.08	24.73	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	23.09	24.75	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	23.12	24.73	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	23.07	24.70	/	Pass
CP-OFDM QPSK	2535	Outer_Full	23.99	25.64	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	23.87	25.62	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	24.00	25.64	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	23.94	25.60	/	Pass

3.1.6 15_S_30M_NTNV

5G NR n7 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	28.79	30.92	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	28.86	30.86	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	28.90	32.48	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	28.80	31.28	/	Pass

CP-OFDM QPSK	2535	Outer_Full	28.85	30.87	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	28.82	30.77	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	28.84	30.88	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	28.77	31.23	/	Pass

3.1.7 15_S_40M_NTNV

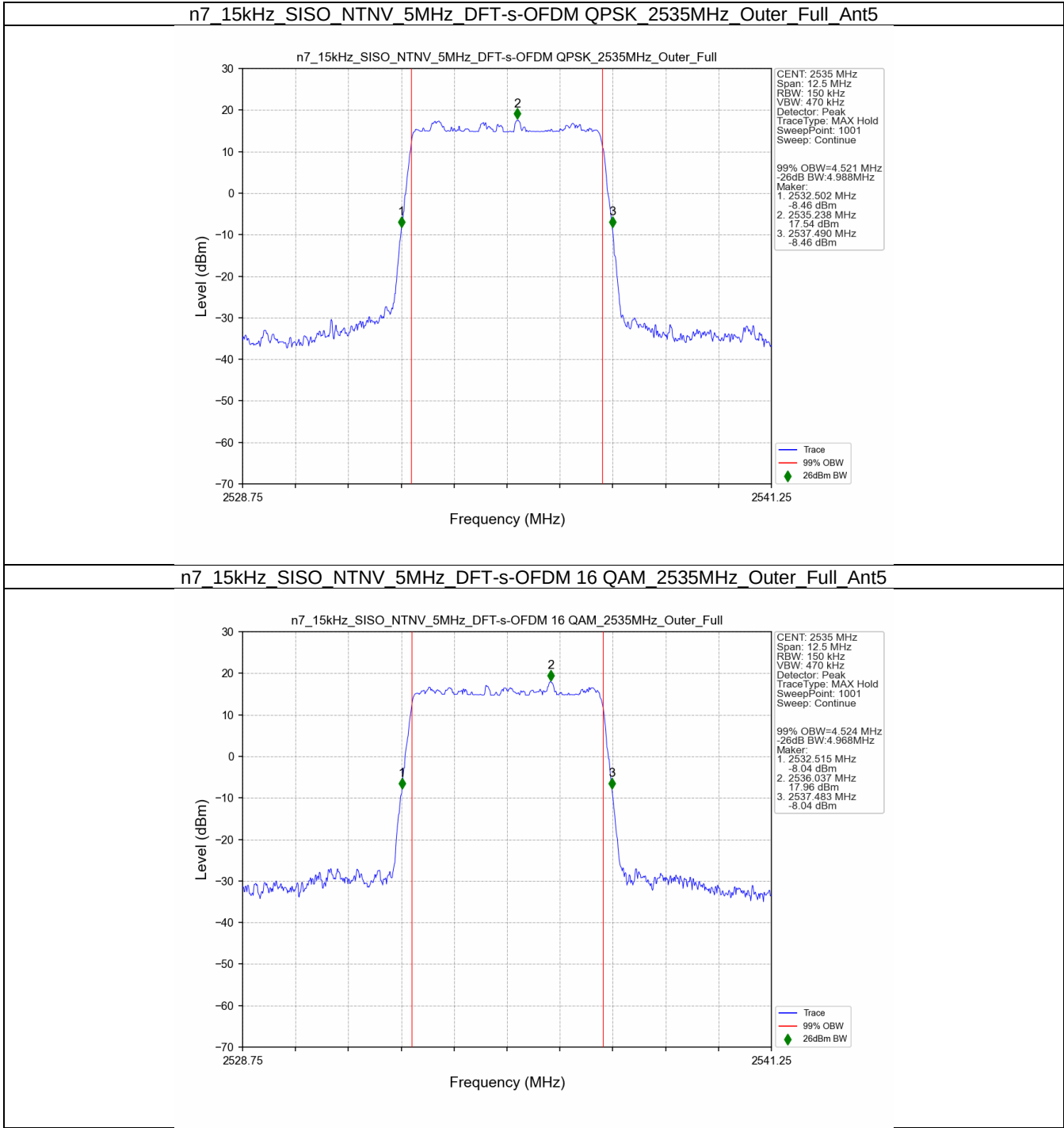
5G NR n7 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	38.81	41.58	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	38.79	41.52	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	39.03	41.53	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	38.97	41.49	/	Pass
CP-OFDM QPSK	2535	Outer_Full	38.92	41.43	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	38.85	41.48	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	38.77	41.47	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	38.86	41.56	/	Pass

3.1.8 15_S_50M_NTNV

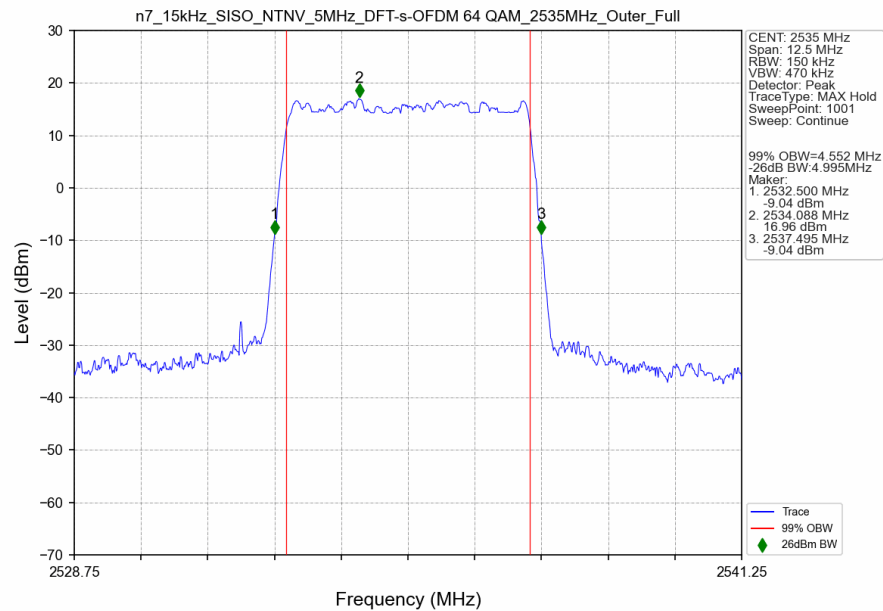
5G NR n7 SCS=15kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	48.55	51.90	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	48.53	51.98	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	48.51	52.92	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	48.64	51.87	/	Pass
CP-OFDM QPSK	2535	Outer_Full	43.59	46.85	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	43.65	46.75	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	43.61	46.85	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	43.59	46.84	/	Pass

3.2 Test Graph

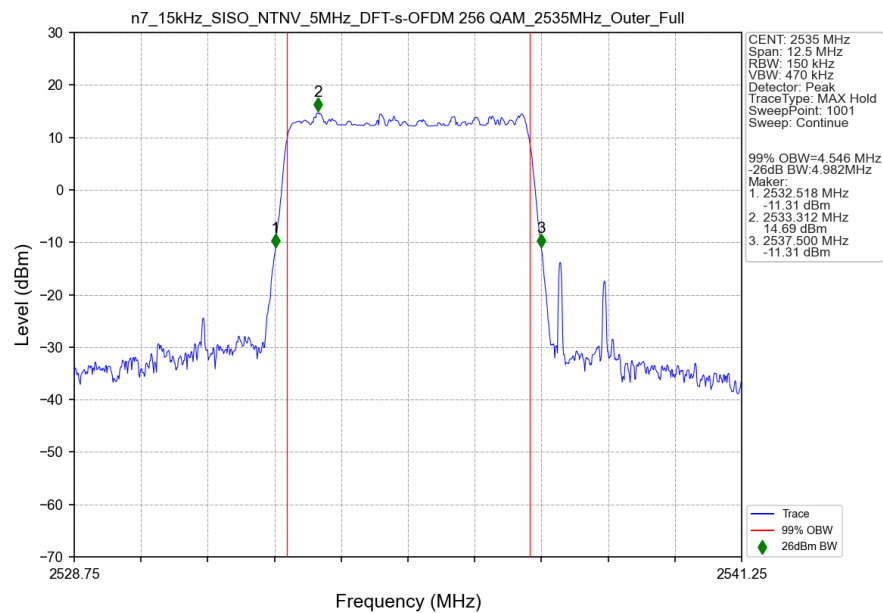
3.2.1 15_S_5M_NTNV



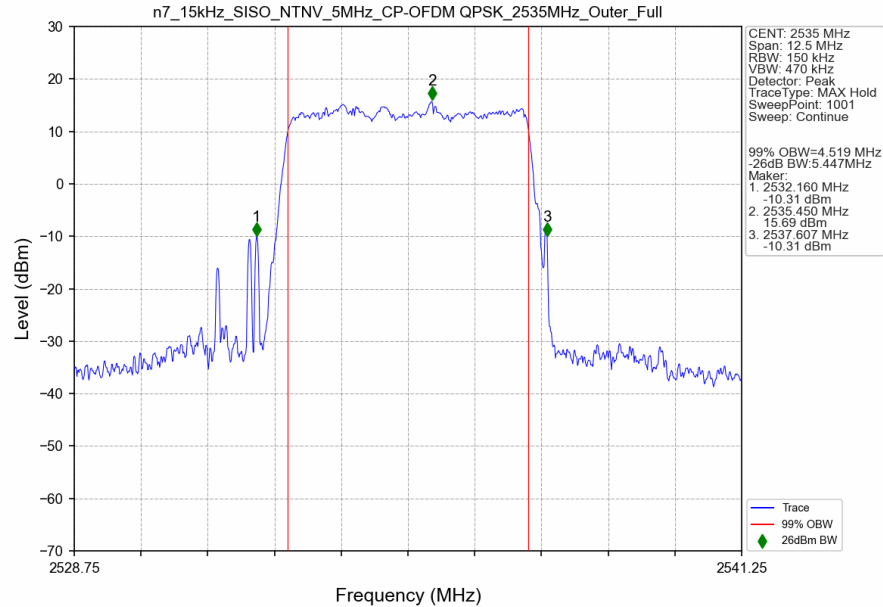
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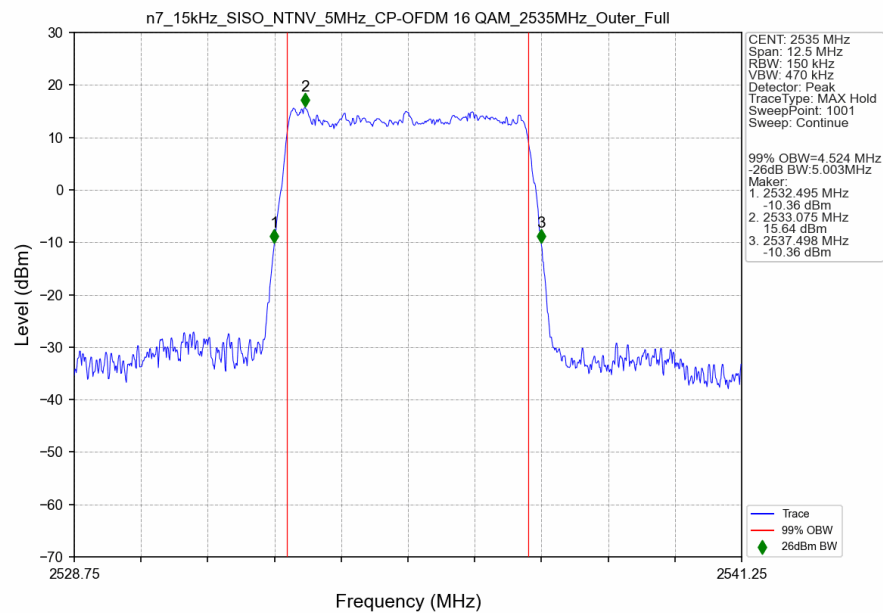
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



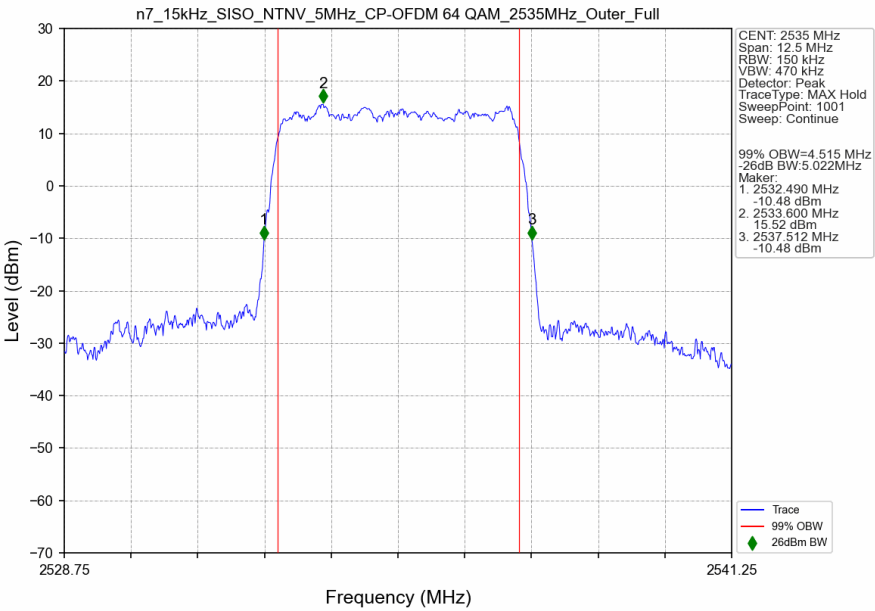
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2535MHz_Outer_Full_Ant5



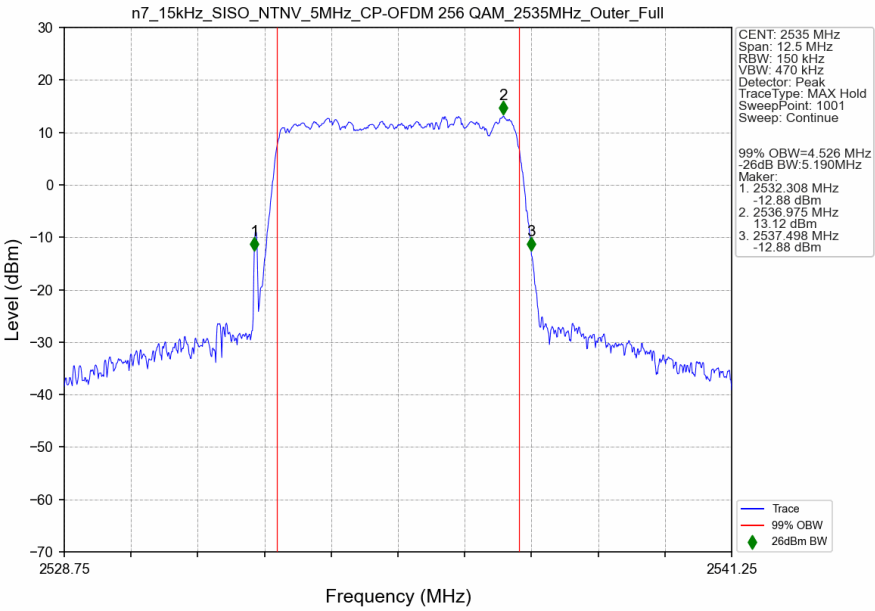
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_2535MHz_Outer_Full_Ant5



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



3.2.2 15_S_10M_NTNV

