

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	20.16	/	/	<=33	Pass
		Outer_Full	22.69	/	/	20.19	/	/	<=33	Pass
		Inner_Full	23.15	/	/	20.65	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Right	23.23	/	/	20.73	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.68	/	/	20.18	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	20.22	/	/	<=33	Pass
		Outer_Full	22.72	/	/	20.22	/	/	<=33	Pass
		Inner_Full	23.16	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	20.74	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	20.64	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.41	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=33	Pass
		Outer_Full	22.50	/	/	20.00	/	/	<=33	Pass
		Inner_Full	22.94	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	20.37	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	20.50	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	22.17	/	/	19.67	/	/	<=33	Pass
		Edge_1RB_Right	22.15	/	/	19.65	/	/	<=33	Pass
		Outer_Full	22.23	/	/	19.73	/	/	<=33	Pass
		Inner_Full	23.18	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Left	23.17	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	20.70	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.07	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	19.63	/	/	<=33	Pass
		Outer_Full	22.16	/	/	19.66	/	/	<=33	Pass
		Inner_Full	23.12	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	20.65	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	21.88	/	/	19.38	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	19.50	/	/	<=33	Pass
		Outer_Full	21.92	/	/	19.42	/	/	<=33	Pass
		Inner_Full	22.90	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	20.51	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	21.30	/	/	18.80	/	/	<=33	Pass
		Edge_1RB_Right	21.34	/	/	18.84	/	/	<=33	Pass
		Outer_Full	21.24	/	/	18.74	/	/	<=33	Pass
		Inner_Full	22.29	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Left	22.29	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	19.91	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.16	/	/	18.66	/	/	<=33	Pass
		Edge_1RB_Right	21.22	/	/	18.72	/	/	<=33	Pass
		Outer_Full	21.16	/	/	18.66	/	/	<=33	Pass
		Inner_Full	22.18	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	22.09	/	/	19.59	/	/	<=33	Pass

	2567.5	Inner 1RB Right	22.17	/	/	19.67	/	/	<=33	Pass
		Edge 1RB Left	20.87	/	/	18.37	/	/	<=33	Pass
		Edge 1RB Right	21.05	/	/	18.55	/	/	<=33	Pass
		Outer Full	20.90	/	/	18.40	/	/	<=33	Pass
		Inner Full	21.96	/	/	19.46	/	/	<=33	Pass
		Inner 1RB Left	21.81	/	/	19.31	/	/	<=33	Pass
		Inner 1RB Right	21.83	/	/	19.33	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge 1RB Left	20.72	/	/	18.22	/	/	<=33	Pass
		Edge 1RB Right	20.67	/	/	18.17	/	/	<=33	Pass
		Outer Full	20.71	/	/	18.21	/	/	<=33	Pass
		Inner Full	20.68	/	/	18.18	/	/	<=33	Pass
		Inner 1RB Left	20.67	/	/	18.17	/	/	<=33	Pass
		Inner 1RB Right	20.93	/	/	18.43	/	/	<=33	Pass
	2535	Edge 1RB Left	20.51	/	/	18.01	/	/	<=33	Pass
		Edge 1RB Right	20.69	/	/	18.19	/	/	<=33	Pass
		Outer Full	20.78	/	/	18.28	/	/	<=33	Pass
		Inner Full	20.72	/	/	18.22	/	/	<=33	Pass
		Inner 1RB Left	20.54	/	/	18.04	/	/	<=33	Pass
		Inner 1RB Right	20.71	/	/	18.21	/	/	<=33	Pass
	2567.5	Edge 1RB Left	20.23	/	/	17.73	/	/	<=33	Pass
		Edge 1RB Right	20.29	/	/	17.79	/	/	<=33	Pass
		Outer Full	20.51	/	/	18.01	/	/	<=33	Pass
		Inner Full	20.53	/	/	18.03	/	/	<=33	Pass
		Inner 1RB Left	20.56	/	/	18.06	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Inner 1RB Right	20.58	/	/	18.08	/	/	<=33	Pass
		Edge 1RB Left	18.76	/	/	16.26	/	/	<=33	Pass
		Edge 1RB Right	18.68	/	/	16.18	/	/	<=33	Pass
		Outer Full	18.75	/	/	16.25	/	/	<=33	Pass
		Inner Full	18.64	/	/	16.14	/	/	<=33	Pass
		Inner 1RB Left	18.39	/	/	15.89	/	/	<=33	Pass
	2535	Inner 1RB Right	18.77	/	/	16.27	/	/	<=33	Pass
		Edge 1RB Left	18.61	/	/	16.11	/	/	<=33	Pass
		Edge 1RB Right	18.75	/	/	16.25	/	/	<=33	Pass
		Outer Full	18.69	/	/	16.19	/	/	<=33	Pass
		Inner Full	18.67	/	/	16.17	/	/	<=33	Pass
		Inner 1RB Left	18.67	/	/	16.17	/	/	<=33	Pass
	2567.5	Inner 1RB Right	18.77	/	/	16.27	/	/	<=33	Pass
		Edge 1RB Left	18.19	/	/	15.69	/	/	<=33	Pass
		Edge 1RB Right	18.60	/	/	16.10	/	/	<=33	Pass
		Outer Full	18.50	/	/	16.00	/	/	<=33	Pass
		Inner Full	18.38	/	/	15.88	/	/	<=33	Pass
		Inner 1RB Left	18.32	/	/	15.82	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Inner 1RB Right	18.49	/	/	15.99	/	/	<=33	Pass
		Edge 1RB Left	20.12	/	/	17.62	/	/	<=33	Pass
		Edge 1RB Right	20.26	/	/	17.76	/	/	<=33	Pass
		Outer Full	20.27	/	/	17.77	/	/	<=33	Pass
		Inner Full	21.66	/	/	19.16	/	/	<=33	Pass
		Inner 1RB Left	21.73	/	/	19.23	/	/	<=33	Pass
	2535	Inner 1RB Right	21.68	/	/	19.18	/	/	<=33	Pass
		Edge 1RB Left	20.16	/	/	17.66	/	/	<=33	Pass
		Edge 1RB Right	20.28	/	/	17.78	/	/	<=33	Pass
		Outer Full	20.23	/	/	17.73	/	/	<=33	Pass
		Inner Full	21.66	/	/	19.16	/	/	<=33	Pass
		Inner 1RB Left	21.59	/	/	19.09	/	/	<=33	Pass
	2567.5	Inner 1RB Right	21.74	/	/	19.24	/	/	<=33	Pass
		Edge 1RB Left	19.85	/	/	17.35	/	/	<=33	Pass
		Edge 1RB Right	20.00	/	/	17.50	/	/	<=33	Pass
		Outer Full	19.94	/	/	17.44	/	/	<=33	Pass
		Inner Full	21.41	/	/	18.91	/	/	<=33	Pass

		Inner 1RB Left	21.45	/	/	18.95	/	/	<=33	Pass	
		Inner 1RB Right	21.61	/	/	19.11	/	/	<=33	Pass	
CP-OFDM 16 QAM	2502.5	Edge 1RB Left	20.30	/	/	17.80	/	/	<=33	Pass	
		Edge 1RB Right	20.16	/	/	17.66	/	/	<=33	Pass	
		Outer Full	20.22	/	/	17.72	/	/	<=33	Pass	
		Inner Full	21.27	/	/	18.77	/	/	<=33	Pass	
		Inner 1RB Left	21.10	/	/	18.60	/	/	<=33	Pass	
		Inner 1RB Right	21.29	/	/	18.79	/	/	<=33	Pass	
		Edge 1RB Left	20.12	/	/	17.62	/	/	<=33	Pass	
		Edge 1RB Right	20.27	/	/	17.77	/	/	<=33	Pass	
	2535	Outer Full	20.21	/	/	17.71	/	/	<=33	Pass	
		Inner Full	21.14	/	/	18.64	/	/	<=33	Pass	
		Inner 1RB Left	21.03	/	/	18.53	/	/	<=33	Pass	
		Inner 1RB Right	21.25	/	/	18.75	/	/	<=33	Pass	
		Edge 1RB Left	19.91	/	/	17.41	/	/	<=33	Pass	
		Edge 1RB Right	19.86	/	/	17.36	/	/	<=33	Pass	
	2567.5	Outer Full	20.01	/	/	17.51	/	/	<=33	Pass	
		Inner Full	20.85	/	/	18.35	/	/	<=33	Pass	
		Inner 1RB Left	20.78	/	/	18.28	/	/	<=33	Pass	
		Inner 1RB Right	21.17	/	/	18.67	/	/	<=33	Pass	
Edge 1RB Left		19.75	/	/	17.25	/	/	<=33	Pass		
Edge 1RB Right		19.55	/	/	17.05	/	/	<=33	Pass		
CP-OFDM 64 QAM	2502.5	Outer Full	19.62	/	/	17.12	/	/	<=33	Pass	
		Inner Full	19.71	/	/	17.21	/	/	<=33	Pass	
		Inner 1RB Left	19.67	/	/	17.17	/	/	<=33	Pass	
		Inner 1RB Right	19.63	/	/	17.13	/	/	<=33	Pass	
		Edge 1RB Left	19.99	/	/	17.49	/	/	<=33	Pass	
		Edge 1RB Right	19.81	/	/	17.31	/	/	<=33	Pass	
	2535	Outer Full	19.66	/	/	17.16	/	/	<=33	Pass	
		Inner Full	19.58	/	/	17.08	/	/	<=33	Pass	
		Inner 1RB Left	19.82	/	/	17.32	/	/	<=33	Pass	
		Inner 1RB Right	19.63	/	/	17.13	/	/	<=33	Pass	
		Edge 1RB Left	19.45	/	/	16.95	/	/	<=33	Pass	
		Edge 1RB Right	19.45	/	/	16.95	/	/	<=33	Pass	
	2567.5	Outer Full	19.38	/	/	16.88	/	/	<=33	Pass	
		Inner Full	19.43	/	/	16.93	/	/	<=33	Pass	
		Inner 1RB Left	19.50	/	/	17.00	/	/	<=33	Pass	
		Inner 1RB Right	19.94	/	/	17.44	/	/	<=33	Pass	
		Edge 1RB Left	16.73	/	/	14.23	/	/	<=33	Pass	
		Edge 1RB Right	16.87	/	/	14.37	/	/	<=33	Pass	
CP-OFDM 256 QAM	2502.5	Outer Full	16.79	/	/	14.29	/	/	<=33	Pass	
		Inner Full	16.72	/	/	14.22	/	/	<=33	Pass	
		Inner 1RB Left	16.89	/	/	14.39	/	/	<=33	Pass	
		Inner 1RB Right	16.84	/	/	14.34	/	/	<=33	Pass	
		Edge 1RB Left	16.72	/	/	14.22	/	/	<=33	Pass	
		Edge 1RB Right	16.61	/	/	14.11	/	/	<=33	Pass	
	2535	Outer Full	16.68	/	/	14.18	/	/	<=33	Pass	
		Inner Full	16.65	/	/	14.15	/	/	<=33	Pass	
		Inner 1RB Left	16.56	/	/	14.06	/	/	<=33	Pass	
		Inner 1RB Right	16.75	/	/	14.25	/	/	<=33	Pass	
		Edge 1RB Left	16.21	/	/	13.71	/	/	<=33	Pass	
		Edge 1RB Right	16.54	/	/	14.04	/	/	<=33	Pass	
	2567.5	Outer Full	16.43	/	/	13.93	/	/	<=33	Pass	
		Inner Full	16.42	/	/	13.92	/	/	<=33	Pass	
		Inner 1RB Left	16.50	/	/	14.00	/	/	<=33	Pass	
		Inner 1RB Right	16.41	/	/	13.91	/	/	<=33	Pass	
		Note1: Antenna Gain: Ant1: -2.50dBi;									
		Note2: EIRP=Conducted Power+Antenna Gain									

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2505	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=33	Pass
		Outer_Full	22.54	/	/	20.04	/	/	<=33	Pass
		Inner_Full	23.14	/	/	20.64	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	20.60	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	20.61	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.61	/	/	20.11	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	20.14	/	/	<=33	Pass
		Outer_Full	22.62	/	/	20.12	/	/	<=33	Pass
		Inner_Full	23.18	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Left	23.13	/	/	20.63	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	20.64	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.37	/	/	19.87	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	19.93	/	/	<=33	Pass
		Outer_Full	22.43	/	/	19.93	/	/	<=33	Pass
		Inner_Full	22.82	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	20.26	/	/	<=33	Pass
		Inner_1RB_Right	22.86	/	/	20.36	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge_1RB_Left	22.05	/	/	19.55	/	/	<=33	Pass
		Edge_1RB_Right	22.07	/	/	19.57	/	/	<=33	Pass
		Outer_Full	22.14	/	/	19.64	/	/	<=33	Pass
		Inner_Full	23.06	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Left	23.05	/	/	20.55	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	20.61	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.07	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	19.60	/	/	<=33	Pass
		Outer_Full	22.13	/	/	19.63	/	/	<=33	Pass
		Inner_Full	23.20	/	/	20.70	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	20.59	/	/	<=33	Pass
		Inner_1RB_Right	23.09	/	/	20.59	/	/	<=33	Pass
	2565	Edge_1RB_Left	21.71	/	/	19.21	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	19.36	/	/	<=33	Pass
		Outer_Full	21.84	/	/	19.34	/	/	<=33	Pass
		Inner_Full	22.80	/	/	20.30	/	/	<=33	Pass
		Inner_1RB_Left	22.70	/	/	20.20	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	20.33	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge_1RB_Left	21.09	/	/	18.59	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	18.23	/	/	<=33	Pass
		Outer_Full	21.14	/	/	18.64	/	/	<=33	Pass
		Inner_Full	22.13	/	/	19.63	/	/	<=33	Pass
		Inner_1RB_Left	22.28	/	/	19.78	/	/	<=33	Pass
		Inner_1RB_Right	22.15	/	/	19.65	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.16	/	/	18.66	/	/	<=33	Pass
		Edge_1RB_Right	21.21	/	/	18.71	/	/	<=33	Pass
		Outer_Full	21.29	/	/	18.79	/	/	<=33	Pass
		Inner_Full	22.23	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	21.96	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Right	22.08	/	/	19.58	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.98	/	/	18.48	/	/	<=33	Pass
		Edge_1RB_Right	21.06	/	/	18.56	/	/	<=33	Pass
		Outer_Full	20.93	/	/	18.43	/	/	<=33	Pass
		Inner_Full	21.88	/	/	19.38	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Right	22.13	/	/	19.63	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge_1RB_Left	20.51	/	/	18.01	/	/	<=33	Pass

		Edge_1RB_Right	20.54	/	/	18.04	/	/	<=33	Pass
		Outer_Full	20.60	/	/	18.10	/	/	<=33	Pass
		Inner_Full	20.63	/	/	18.13	/	/	<=33	Pass
		Inner_1RB_Left	20.56	/	/	18.06	/	/	<=33	Pass
		Inner_1RB_Right	20.57	/	/	18.07	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.60	/	/	18.10	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	18.25	/	/	<=33	Pass
		Outer_Full	20.74	/	/	18.24	/	/	<=33	Pass
		Inner_Full	20.70	/	/	18.20	/	/	<=33	Pass
		Inner_1RB_Left	20.49	/	/	17.99	/	/	<=33	Pass
	2565	Inner_1RB_Right	20.44	/	/	17.94	/	/	<=33	Pass
		Edge_1RB_Left	20.21	/	/	17.71	/	/	<=33	Pass
		Edge_1RB_Right	20.38	/	/	17.88	/	/	<=33	Pass
		Outer_Full	20.37	/	/	17.87	/	/	<=33	Pass
		Inner_Full	20.36	/	/	17.86	/	/	<=33	Pass
DFT-s-OFDM 256 QAM		Inner_1RB_Left	20.23	/	/	17.73	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	17.97	/	/	<=33	Pass
	2505	Edge_1RB_Left	18.76	/	/	16.26	/	/	<=33	Pass
		Edge_1RB_Right	18.19	/	/	15.69	/	/	<=33	Pass
		Outer_Full	18.65	/	/	16.15	/	/	<=33	Pass
		Inner_Full	18.61	/	/	16.11	/	/	<=33	Pass
		Inner_1RB_Left	18.43	/	/	15.93	/	/	<=33	Pass
	2535	Inner_1RB_Right	18.51	/	/	16.01	/	/	<=33	Pass
		Edge_1RB_Left	18.50	/	/	16.00	/	/	<=33	Pass
		Edge_1RB_Right	18.64	/	/	16.14	/	/	<=33	Pass
		Outer_Full	18.67	/	/	16.17	/	/	<=33	Pass
		Inner_Full	18.70	/	/	16.20	/	/	<=33	Pass
	2565	Inner_1RB_Left	18.73	/	/	16.23	/	/	<=33	Pass
		Inner_1RB_Right	18.69	/	/	16.19	/	/	<=33	Pass
		Edge_1RB_Left	18.13	/	/	15.63	/	/	<=33	Pass
		Edge_1RB_Right	18.58	/	/	16.08	/	/	<=33	Pass
		Outer_Full	18.38	/	/	15.88	/	/	<=33	Pass
CP-OFDM QPSK		Inner_Full	18.43	/	/	15.93	/	/	<=33	Pass
		Inner_1RB_Left	18.20	/	/	15.70	/	/	<=33	Pass
		Inner_1RB_Right	18.65	/	/	16.15	/	/	<=33	Pass
	2505	Edge_1RB_Left	20.01	/	/	17.51	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	17.50	/	/	<=33	Pass
		Outer_Full	19.98	/	/	17.48	/	/	<=33	Pass
		Inner_Full	21.55	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Left	21.53	/	/	19.03	/	/	<=33	Pass
	2535	Inner_1RB_Right	21.57	/	/	19.07	/	/	<=33	Pass
		Edge_1RB_Left	20.04	/	/	17.54	/	/	<=33	Pass
		Edge_1RB_Right	20.15	/	/	17.65	/	/	<=33	Pass
		Outer_Full	20.14	/	/	17.64	/	/	<=33	Pass
		Inner_Full	21.63	/	/	19.13	/	/	<=33	Pass
	2565	Inner_1RB_Left	21.76	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	19.18	/	/	<=33	Pass
		Edge_1RB_Left	19.77	/	/	17.27	/	/	<=33	Pass
		Edge_1RB_Right	19.84	/	/	17.34	/	/	<=33	Pass
		Outer_Full	19.77	/	/	17.27	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Inner_Full	21.31	/	/	18.81	/	/	<=33	Pass
		Inner_1RB_Left	21.44	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Right	21.62	/	/	19.12	/	/	<=33	Pass
		Edge_1RB_Left	20.06	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Right	19.97	/	/	17.47	/	/	<=33	Pass
		Outer_Full	20.05	/	/	17.55	/	/	<=33	Pass
		Inner_Full	21.07	/	/	18.57	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	18.47	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	18.42	/	/	<=33	Pass

	2535	Edge_1RB_Left	20.32	/	/	17.82	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	17.52	/	/	<=33	Pass
		Outer_Full	20.12	/	/	17.62	/	/	<=33	Pass
		Inner_Full	21.12	/	/	18.62	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	18.57	/	/	<=33	Pass
		Inner_1RB_Right	21.29	/	/	18.79	/	/	<=33	Pass
	2565	Edge_1RB_Left	19.46	/	/	16.96	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	17.52	/	/	<=33	Pass
		Outer_Full	19.81	/	/	17.31	/	/	<=33	Pass
		Inner_Full	20.80	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Left	20.78	/	/	18.28	/	/	<=33	Pass
		Inner_1RB_Right	21.13	/	/	18.63	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Edge_1RB_Left	19.90	/	/	17.40	/	/	<=33	Pass
		Edge_1RB_Right	19.42	/	/	16.92	/	/	<=33	Pass
		Outer_Full	19.56	/	/	17.06	/	/	<=33	Pass
		Inner_Full	19.61	/	/	17.11	/	/	<=33	Pass
		Inner_1RB_Left	19.63	/	/	17.13	/	/	<=33	Pass
		Inner_1RB_Right	19.65	/	/	17.15	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.73	/	/	17.23	/	/	<=33	Pass
		Edge_1RB_Right	19.67	/	/	17.17	/	/	<=33	Pass
		Outer_Full	19.71	/	/	17.21	/	/	<=33	Pass
		Inner_Full	19.64	/	/	17.14	/	/	<=33	Pass
		Inner_1RB_Left	19.65	/	/	17.15	/	/	<=33	Pass
		Inner_1RB_Right	19.61	/	/	17.11	/	/	<=33	Pass
	2565	Edge_1RB_Left	19.31	/	/	16.81	/	/	<=33	Pass
		Edge_1RB_Right	19.55	/	/	17.05	/	/	<=33	Pass
		Outer_Full	19.27	/	/	16.77	/	/	<=33	Pass
		Inner_Full	19.27	/	/	16.77	/	/	<=33	Pass
		Inner_1RB_Left	19.40	/	/	16.90	/	/	<=33	Pass
		Inner_1RB_Right	19.49	/	/	16.99	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge_1RB_Left	16.66	/	/	14.16	/	/	<=33	Pass
		Edge_1RB_Right	16.57	/	/	14.07	/	/	<=33	Pass
		Outer_Full	16.64	/	/	14.14	/	/	<=33	Pass
		Inner_Full	16.68	/	/	14.18	/	/	<=33	Pass
		Inner_1RB_Left	16.76	/	/	14.26	/	/	<=33	Pass
		Inner_1RB_Right	16.49	/	/	13.99	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.67	/	/	14.17	/	/	<=33	Pass
		Edge_1RB_Right	16.74	/	/	14.24	/	/	<=33	Pass
		Outer_Full	16.66	/	/	14.16	/	/	<=33	Pass
		Inner_Full	16.72	/	/	14.22	/	/	<=33	Pass
		Inner_1RB_Left	16.73	/	/	14.23	/	/	<=33	Pass
		Inner_1RB_Right	16.71	/	/	14.21	/	/	<=33	Pass
	2565	Edge_1RB_Left	16.21	/	/	13.71	/	/	<=33	Pass
		Edge_1RB_Right	16.50	/	/	14.00	/	/	<=33	Pass
		Outer_Full	16.40	/	/	13.90	/	/	<=33	Pass
		Inner_Full	16.34	/	/	13.84	/	/	<=33	Pass
		Inner_1RB_Left	16.33	/	/	13.83	/	/	<=33	Pass
		Inner_1RB_Right	16.42	/	/	13.92	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2507.5	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=33	Pass

		Outer_Full	22.58	/	/	20.08	/	/	<=33	Pass
		Inner_Full	23.21	/	/	20.71	/	/	<=33	Pass
		Inner_1RB_Left	23.07	/	/	20.57	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	20.49	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.52	/	/	20.02	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	20.09	/	/	<=33	Pass
		Outer_Full	22.62	/	/	20.12	/	/	<=33	Pass
		Inner_Full	23.27	/	/	20.77	/	/	<=33	Pass
		Inner_1RB_Left	23.05	/	/	20.55	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	20.64	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	20.06	/	/	<=33	Pass
		Outer_Full	22.42	/	/	19.92	/	/	<=33	Pass
		Inner_Full	22.96	/	/	20.46	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	20.56	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	22.05	/	/	19.55	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	19.42	/	/	<=33	Pass
		Outer_Full	21.99	/	/	19.49	/	/	<=33	Pass
		Inner_Full	23.03	/	/	20.53	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	20.51	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.05	/	/	19.55	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	19.49	/	/	<=33	Pass
		Outer_Full	22.13	/	/	19.63	/	/	<=33	Pass
		Inner_Full	23.17	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Left	23.00	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	20.42	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.77	/	/	19.27	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	19.47	/	/	<=33	Pass
		Outer_Full	21.89	/	/	19.39	/	/	<=33	Pass
		Inner_Full	22.85	/	/	20.35	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	20.27	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	20.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	21.13	/	/	18.63	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	18.31	/	/	<=33	Pass
		Outer_Full	21.08	/	/	18.58	/	/	<=33	Pass
		Inner_Full	22.00	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	19.55	/	/	<=33	Pass
		Inner_1RB_Right	21.95	/	/	19.45	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.04	/	/	18.54	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	18.42	/	/	<=33	Pass
		Outer_Full	21.19	/	/	18.69	/	/	<=33	Pass
		Inner_Full	22.14	/	/	19.64	/	/	<=33	Pass
		Inner_1RB_Left	21.95	/	/	19.45	/	/	<=33	Pass
		Inner_1RB_Right	21.87	/	/	19.37	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.55	/	/	18.05	/	/	<=33	Pass
		Edge_1RB_Right	21.13	/	/	18.63	/	/	<=33	Pass
		Outer_Full	20.94	/	/	18.44	/	/	<=33	Pass
		Inner_Full	21.86	/	/	19.36	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	19.24	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	19.69	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge_1RB_Left	20.65	/	/	18.15	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	17.99	/	/	<=33	Pass
		Outer_Full	20.62	/	/	18.12	/	/	<=33	Pass
		Inner_Full	20.52	/	/	18.02	/	/	<=33	Pass
		Inner_1RB_Left	20.59	/	/	18.09	/	/	<=33	Pass
		Inner_1RB_Right	20.28	/	/	17.78	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.65	/	/	18.15	/	/	<=33	Pass

		Edge_1RB_Right	20.50	/	/	18.00	/	/	<=33	Pass
		Outer_Full	20.54	/	/	18.04	/	/	<=33	Pass
		Inner_Full	20.66	/	/	18.16	/	/	<=33	Pass
		Inner_1RB_Left	20.46	/	/	17.96	/	/	<=33	Pass
		Inner_1RB_Right	20.50	/	/	18.00	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.40	/	/	17.90	/	/	<=33	Pass
		Edge_1RB_Right	20.78	/	/	18.28	/	/	<=33	Pass
		Outer_Full	20.44	/	/	17.94	/	/	<=33	Pass
		Inner_Full	20.39	/	/	17.89	/	/	<=33	Pass
		Inner_1RB_Left	20.26	/	/	17.76	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Inner_1RB_Right	20.62	/	/	18.12	/	/	<=33	Pass
		Edge_1RB_Left	18.77	/	/	16.27	/	/	<=33	Pass
		Edge_1RB_Right	18.51	/	/	16.01	/	/	<=33	Pass
		Outer_Full	18.58	/	/	16.08	/	/	<=33	Pass
		Inner_Full	18.66	/	/	16.16	/	/	<=33	Pass
		Inner_1RB_Left	18.64	/	/	16.14	/	/	<=33	Pass
	2535	Inner_1RB_Right	18.57	/	/	16.07	/	/	<=33	Pass
		Edge_1RB_Left	18.67	/	/	16.17	/	/	<=33	Pass
		Edge_1RB_Right	18.79	/	/	16.29	/	/	<=33	Pass
		Outer_Full	18.73	/	/	16.23	/	/	<=33	Pass
		Inner_Full	18.69	/	/	16.19	/	/	<=33	Pass
		Inner_1RB_Left	18.66	/	/	16.16	/	/	<=33	Pass
	2562.5	Inner_1RB_Right	18.68	/	/	16.18	/	/	<=33	Pass
		Edge_1RB_Left	18.38	/	/	15.88	/	/	<=33	Pass
		Edge_1RB_Right	18.55	/	/	16.05	/	/	<=33	Pass
		Outer_Full	18.35	/	/	15.85	/	/	<=33	Pass
		Inner_Full	18.42	/	/	15.92	/	/	<=33	Pass
		Inner_1RB_Left	18.53	/	/	16.03	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Inner_1RB_Right	18.52	/	/	16.02	/	/	<=33	Pass
		Edge_1RB_Left	20.04	/	/	17.54	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	17.44	/	/	<=33	Pass
		Outer_Full	19.97	/	/	17.47	/	/	<=33	Pass
		Inner_Full	21.62	/	/	19.12	/	/	<=33	Pass
		Inner_1RB_Left	21.65	/	/	19.15	/	/	<=33	Pass
	2535	Inner_1RB_Right	21.42	/	/	18.92	/	/	<=33	Pass
		Edge_1RB_Left	20.22	/	/	17.72	/	/	<=33	Pass
		Edge_1RB_Right	20.15	/	/	17.65	/	/	<=33	Pass
		Outer_Full	20.04	/	/	17.54	/	/	<=33	Pass
		Inner_Full	21.65	/	/	19.15	/	/	<=33	Pass
		Inner_1RB_Left	21.56	/	/	19.06	/	/	<=33	Pass
	2562.5	Inner_1RB_Right	21.60	/	/	19.10	/	/	<=33	Pass
		Edge_1RB_Left	19.82	/	/	17.32	/	/	<=33	Pass
		Edge_1RB_Right	20.24	/	/	17.74	/	/	<=33	Pass
		Outer_Full	19.75	/	/	17.25	/	/	<=33	Pass
		Inner_Full	21.35	/	/	18.85	/	/	<=33	Pass
		Inner_1RB_Left	21.41	/	/	18.91	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Inner_1RB_Right	21.43	/	/	18.93	/	/	<=33	Pass
		Edge_1RB_Left	19.97	/	/	17.47	/	/	<=33	Pass
		Edge_1RB_Right	19.99	/	/	17.49	/	/	<=33	Pass
		Outer_Full	20.06	/	/	17.56	/	/	<=33	Pass
		Inner_Full	21.13	/	/	18.63	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	18.49	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.96	/	/	18.46	/	/	<=33	Pass
		Edge_1RB_Left	20.10	/	/	17.60	/	/	<=33	Pass
		Edge_1RB_Right	20.23	/	/	17.73	/	/	<=33	Pass
		Outer_Full	20.11	/	/	17.61	/	/	<=33	Pass
		Inner_Full	21.17	/	/	18.67	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	18.51	/	/	<=33	Pass
		Inner_1RB_Right	21.24	/	/	18.74	/	/	<=33	Pass

	2562.5	Edge_1RB_Left	19.81	/	/	17.31	/	/	<=33	Pass
		Edge_1RB_Right	20.15	/	/	17.65	/	/	<=33	Pass
		Outer_Full	19.80	/	/	17.30	/	/	<=33	Pass
		Inner_Full	20.80	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Left	20.68	/	/	18.18	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	18.42	/	/	<=33	Pass
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	19.44	/	/	16.94	/	/	<=33	Pass
		Edge_1RB_Right	19.57	/	/	17.07	/	/	<=33	Pass
		Outer_Full	19.62	/	/	17.12	/	/	<=33	Pass
		Inner_Full	19.64	/	/	17.14	/	/	<=33	Pass
		Inner_1RB_Left	19.59	/	/	17.09	/	/	<=33	Pass
		Inner_1RB_Right	19.50	/	/	17.00	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.54	/	/	17.04	/	/	<=33	Pass
		Edge_1RB_Right	19.50	/	/	17.00	/	/	<=33	Pass
		Outer_Full	19.61	/	/	17.11	/	/	<=33	Pass
		Inner_Full	19.64	/	/	17.14	/	/	<=33	Pass
		Inner_1RB_Left	19.63	/	/	17.13	/	/	<=33	Pass
		Inner_1RB_Right	19.83	/	/	17.33	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	19.52	/	/	17.02	/	/	<=33	Pass
		Edge_1RB_Right	19.36	/	/	16.86	/	/	<=33	Pass
		Outer_Full	19.41	/	/	16.91	/	/	<=33	Pass
		Inner_Full	19.33	/	/	16.83	/	/	<=33	Pass
		Inner_1RB_Left	19.46	/	/	16.96	/	/	<=33	Pass
		Inner_1RB_Right	19.47	/	/	16.97	/	/	<=33	Pass
CP-OFDM 256 QAM	2507.5	Edge_1RB_Left	16.53	/	/	14.03	/	/	<=33	Pass
		Edge_1RB_Right	16.46	/	/	13.96	/	/	<=33	Pass
		Outer_Full	16.69	/	/	14.19	/	/	<=33	Pass
		Inner_Full	16.62	/	/	14.12	/	/	<=33	Pass
		Inner_1RB_Left	16.65	/	/	14.15	/	/	<=33	Pass
		Inner_1RB_Right	16.58	/	/	14.08	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.83	/	/	14.33	/	/	<=33	Pass
		Edge_1RB_Right	16.55	/	/	14.05	/	/	<=33	Pass
		Outer_Full	16.68	/	/	14.18	/	/	<=33	Pass
		Inner_Full	16.61	/	/	14.11	/	/	<=33	Pass
		Inner_1RB_Left	16.60	/	/	14.10	/	/	<=33	Pass
		Inner_1RB_Right	16.87	/	/	14.37	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	16.46	/	/	13.96	/	/	<=33	Pass
		Edge_1RB_Right	16.50	/	/	14.00	/	/	<=33	Pass
		Outer_Full	16.41	/	/	13.91	/	/	<=33	Pass
		Inner_Full	16.40	/	/	13.90	/	/	<=33	Pass
		Inner_1RB_Left	16.17	/	/	13.67	/	/	<=33	Pass
		Inner_1RB_Right	16.41	/	/	13.91	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2510	Edge 1RB Left	22.57	/	/	20.07	/	/	<=33	Pass
		Edge 1RB Right	22.51	/	/	20.01	/	/	<=33	Pass
		Outer_Full	22.62	/	/	20.12	/	/	<=33	Pass
		Inner_Full	23.23	/	/	20.73	/	/	<=33	Pass
		Inner 1RB Left	23.05	/	/	20.55	/	/	<=33	Pass
		Inner 1RB Right	23.00	/	/	20.50	/	/	<=33	Pass
	2535	Edge 1RB Left	22.40	/	/	19.90	/	/	<=33	Pass
		Edge 1RB Right	22.50	/	/	20.00	/	/	<=33	Pass

		Outer_Full	22.57	/	/	20.07	/	/	<=33	Pass
		Inner_Full	23.23	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	23.02	/	/	20.52	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	20.00	/	/	<=33	Pass
		Outer_Full	22.35	/	/	19.85	/	/	<=33	Pass
		Inner_Full	22.94	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	20.33	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	20.43	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	22.03	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	19.47	/	/	<=33	Pass
		Outer_Full	22.04	/	/	19.54	/	/	<=33	Pass
		Inner_Full	23.07	/	/	20.57	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	20.53	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	20.50	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.90	/	/	19.40	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	19.52	/	/	<=33	Pass
		Outer_Full	22.10	/	/	19.60	/	/	<=33	Pass
		Inner_Full	23.23	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Left	22.89	/	/	20.39	/	/	<=33	Pass
		Inner_1RB_Right	22.98	/	/	20.48	/	/	<=33	Pass
	2560	Edge_1RB_Left	21.84	/	/	19.34	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	19.36	/	/	<=33	Pass
		Outer_Full	21.87	/	/	19.37	/	/	<=33	Pass
		Inner_Full	22.82	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Left	22.80	/	/	20.30	/	/	<=33	Pass
		Inner_1RB_Right	22.95	/	/	20.45	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	20.91	/	/	18.41	/	/	<=33	Pass
		Edge_1RB_Right	21.03	/	/	18.53	/	/	<=33	Pass
		Outer_Full	21.22	/	/	18.72	/	/	<=33	Pass
		Inner_Full	22.02	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Left	22.16	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	21.93	/	/	19.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.84	/	/	18.34	/	/	<=33	Pass
		Edge_1RB_Right	20.85	/	/	18.35	/	/	<=33	Pass
		Outer_Full	21.20	/	/	18.70	/	/	<=33	Pass
		Inner_Full	22.11	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Left	21.89	/	/	19.39	/	/	<=33	Pass
		Inner_1RB_Right	22.07	/	/	19.57	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.62	/	/	18.12	/	/	<=33	Pass
		Edge_1RB_Right	21.17	/	/	18.67	/	/	<=33	Pass
		Outer_Full	20.89	/	/	18.39	/	/	<=33	Pass
		Inner_Full	21.82	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Left	21.55	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Right	22.00	/	/	19.50	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge_1RB_Left	20.58	/	/	18.08	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	18.04	/	/	<=33	Pass
		Outer_Full	20.59	/	/	18.09	/	/	<=33	Pass
		Inner_Full	20.59	/	/	18.09	/	/	<=33	Pass
		Inner_1RB_Left	20.42	/	/	17.92	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	18.04	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.33	/	/	17.83	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	17.86	/	/	<=33	Pass
		Outer_Full	20.69	/	/	18.19	/	/	<=33	Pass
		Inner_Full	20.65	/	/	18.15	/	/	<=33	Pass
		Inner_1RB_Left	20.39	/	/	17.89	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	17.74	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.29	/	/	17.79	/	/	<=33	Pass

		Edge_1RB_Right	20.33	/	/	17.83	/	/	<=33	Pass
		Outer_Full	20.39	/	/	17.89	/	/	<=33	Pass
		Inner_Full	20.34	/	/	17.84	/	/	<=33	Pass
		Inner_1RB_Left	20.47	/	/	17.97	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	18.04	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge_1RB_Left	18.54	/	/	16.04	/	/	<=33	Pass
		Edge_1RB_Right	18.65	/	/	16.15	/	/	<=33	Pass
		Outer_Full	18.51	/	/	16.01	/	/	<=33	Pass
		Inner_Full	18.64	/	/	16.14	/	/	<=33	Pass
		Inner_1RB_Left	18.59	/	/	16.09	/	/	<=33	Pass
		Inner_1RB_Right	18.52	/	/	16.02	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.61	/	/	16.11	/	/	<=33	Pass
		Edge_1RB_Right	18.52	/	/	16.02	/	/	<=33	Pass
		Outer_Full	18.68	/	/	16.18	/	/	<=33	Pass
		Inner_Full	18.67	/	/	16.17	/	/	<=33	Pass
		Inner_1RB_Left	18.44	/	/	15.94	/	/	<=33	Pass
		Inner_1RB_Right	18.42	/	/	15.92	/	/	<=33	Pass
	2560	Edge_1RB_Left	18.37	/	/	15.87	/	/	<=33	Pass
		Edge_1RB_Right	18.54	/	/	16.04	/	/	<=33	Pass
		Outer_Full	18.43	/	/	15.93	/	/	<=33	Pass
		Inner_Full	18.26	/	/	15.76	/	/	<=33	Pass
		Inner_1RB_Left	18.37	/	/	15.87	/	/	<=33	Pass
		Inner_1RB_Right	18.20	/	/	15.70	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge_1RB_Left	20.06	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	17.50	/	/	<=33	Pass
		Outer_Full	20.10	/	/	17.60	/	/	<=33	Pass
		Inner_Full	21.61	/	/	19.11	/	/	<=33	Pass
		Inner_1RB_Left	21.55	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Right	21.45	/	/	18.95	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.96	/	/	17.46	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	17.58	/	/	<=33	Pass
		Outer_Full	20.11	/	/	17.61	/	/	<=33	Pass
		Inner_Full	21.66	/	/	19.16	/	/	<=33	Pass
		Inner_1RB_Left	21.44	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Right	21.57	/	/	19.07	/	/	<=33	Pass
	2560	Edge_1RB_Left	19.81	/	/	17.31	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	17.53	/	/	<=33	Pass
		Outer_Full	19.89	/	/	17.39	/	/	<=33	Pass
		Inner_Full	21.30	/	/	18.80	/	/	<=33	Pass
		Inner_1RB_Left	21.40	/	/	18.90	/	/	<=33	Pass
		Inner_1RB_Right	21.32	/	/	18.82	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Edge_1RB_Left	20.06	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Right	20.09	/	/	17.59	/	/	<=33	Pass
		Outer_Full	20.09	/	/	17.59	/	/	<=33	Pass
		Inner_Full	21.10	/	/	18.60	/	/	<=33	Pass
		Inner_1RB_Left	21.12	/	/	18.62	/	/	<=33	Pass
		Inner_1RB_Right	20.88	/	/	18.38	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.06	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	17.50	/	/	<=33	Pass
		Outer_Full	20.03	/	/	17.53	/	/	<=33	Pass
		Inner_Full	21.19	/	/	18.69	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	18.47	/	/	<=33	Pass
		Inner_1RB_Right	20.38	/	/	17.88	/	/	<=33	Pass
	2560	Edge_1RB_Left	19.96	/	/	17.46	/	/	<=33	Pass
		Edge_1RB_Right	20.04	/	/	17.54	/	/	<=33	Pass
		Outer_Full	19.76	/	/	17.26	/	/	<=33	Pass
		Inner_Full	20.79	/	/	18.29	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	18.40	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	18.42	/	/	<=33	Pass

CP-OFDM 64 QAM	2510	Edge 1RB Left	19.45	/	/	16.95	/	/	<=33	Pass
		Edge 1RB Right	19.45	/	/	16.95	/	/	<=33	Pass
		Outer_Full	19.67	/	/	17.17	/	/	<=33	Pass
		Inner_Full	19.67	/	/	17.17	/	/	<=33	Pass
		Inner 1RB Left	19.51	/	/	17.01	/	/	<=33	Pass
		Inner 1RB Right	19.49	/	/	16.99	/	/	<=33	Pass
	2535	Edge 1RB Left	19.51	/	/	17.01	/	/	<=33	Pass
		Edge 1RB Right	19.76	/	/	17.26	/	/	<=33	Pass
		Outer_Full	19.63	/	/	17.13	/	/	<=33	Pass
		Inner_Full	19.64	/	/	17.14	/	/	<=33	Pass
		Inner 1RB Left	19.65	/	/	17.15	/	/	<=33	Pass
		Inner 1RB Right	19.57	/	/	17.07	/	/	<=33	Pass
	2560	Edge 1RB Left	19.41	/	/	16.91	/	/	<=33	Pass
		Edge 1RB Right	19.51	/	/	17.01	/	/	<=33	Pass
		Outer_Full	19.34	/	/	16.84	/	/	<=33	Pass
		Inner_Full	19.33	/	/	16.83	/	/	<=33	Pass
		Inner 1RB Left	19.35	/	/	16.85	/	/	<=33	Pass
		Inner 1RB Right	19.75	/	/	17.25	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Edge 1RB Left	16.65	/	/	14.15	/	/	<=33	Pass
		Edge 1RB Right	16.60	/	/	14.10	/	/	<=33	Pass
		Outer_Full	16.63	/	/	14.13	/	/	<=33	Pass
		Inner_Full	16.69	/	/	14.19	/	/	<=33	Pass
		Inner 1RB Left	16.73	/	/	14.23	/	/	<=33	Pass
		Inner 1RB Right	16.17	/	/	13.67	/	/	<=33	Pass
	2535	Edge 1RB Left	16.48	/	/	13.98	/	/	<=33	Pass
		Edge 1RB Right	16.56	/	/	14.06	/	/	<=33	Pass
		Outer_Full	16.71	/	/	14.21	/	/	<=33	Pass
		Inner_Full	16.67	/	/	14.17	/	/	<=33	Pass
		Inner 1RB Left	16.26	/	/	13.76	/	/	<=33	Pass
		Inner 1RB Right	16.63	/	/	14.13	/	/	<=33	Pass
	2560	Edge 1RB Left	16.34	/	/	13.84	/	/	<=33	Pass
		Edge 1RB Right	16.74	/	/	14.24	/	/	<=33	Pass
		Outer_Full	16.41	/	/	13.91	/	/	<=33	Pass
		Inner_Full	16.29	/	/	13.79	/	/	<=33	Pass
		Inner 1RB Left	16.42	/	/	13.92	/	/	<=33	Pass
		Inner 1RB Right	16.45	/	/	13.95	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge 1RB Left	22.71	/	/	20.21	/	/	<=33	Pass
		Edge 1RB Right	22.75	/	/	20.25	/	/	<=33	Pass
		Outer_Full	22.61	/	/	20.11	/	/	<=33	Pass
		Inner_Full	23.21	/	/	20.71	/	/	<=33	Pass
		Inner 1RB Left	23.26	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Right	23.22	/	/	20.72	/	/	<=33	Pass
	2535	Edge 1RB Left	22.55	/	/	20.05	/	/	<=33	Pass
		Edge 1RB Right	22.53	/	/	20.03	/	/	<=33	Pass
		Outer_Full	22.64	/	/	20.14	/	/	<=33	Pass
		Inner_Full	23.28	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Left	23.02	/	/	20.52	/	/	<=33	Pass
		Inner 1RB Right	23.00	/	/	20.50	/	/	<=33	Pass
	2557.5	Edge 1RB Left	22.55	/	/	20.05	/	/	<=33	Pass
		Edge 1RB Right	22.48	/	/	19.98	/	/	<=33	Pass

		Outer_Full	22.40	/	/	19.90	/	/	<=33	Pass
		Inner_Full	22.94	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Left	23.05	/	/	20.55	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	20.53	/	/	<=33	Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	22.11	/	/	19.61	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	19.69	/	/	<=33	Pass
		Outer_Full	22.12	/	/	19.62	/	/	<=33	Pass
		Inner_Full	23.17	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Right	23.19	/	/	20.69	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.93	/	/	19.43	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	19.49	/	/	<=33	Pass
		Outer_Full	22.15	/	/	19.65	/	/	<=33	Pass
		Inner_Full	23.19	/	/	20.69	/	/	<=33	Pass
		Inner_1RB_Left	23.00	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	20.44	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	22.09	/	/	19.59	/	/	<=33	Pass
		Edge_1RB_Right	22.03	/	/	19.53	/	/	<=33	Pass
		Outer_Full	21.93	/	/	19.43	/	/	<=33	Pass
		Inner_Full	22.91	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Left	22.99	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	20.49	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge_1RB_Left	21.19	/	/	18.69	/	/	<=33	Pass
		Edge_1RB_Right	21.20	/	/	18.70	/	/	<=33	Pass
		Outer_Full	21.20	/	/	18.70	/	/	<=33	Pass
		Inner_Full	22.15	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Left	22.16	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	22.24	/	/	19.74	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.27	/	/	18.77	/	/	<=33	Pass
		Edge_1RB_Right	21.15	/	/	18.65	/	/	<=33	Pass
		Outer_Full	21.18	/	/	18.68	/	/	<=33	Pass
		Inner_Full	22.07	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Left	21.95	/	/	19.45	/	/	<=33	Pass
		Inner_1RB_Right	21.99	/	/	19.49	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	21.23	/	/	18.73	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	18.36	/	/	<=33	Pass
		Outer_Full	21.00	/	/	18.50	/	/	<=33	Pass
		Inner_Full	21.91	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Left	22.03	/	/	19.53	/	/	<=33	Pass
		Inner_1RB_Right	21.82	/	/	19.32	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Edge_1RB_Left	20.61	/	/	18.11	/	/	<=33	Pass
		Edge_1RB_Right	20.69	/	/	18.19	/	/	<=33	Pass
		Outer_Full	20.67	/	/	18.17	/	/	<=33	Pass
		Inner_Full	20.72	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Left	20.76	/	/	18.26	/	/	<=33	Pass
		Inner_1RB_Right	20.56	/	/	18.06	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.65	/	/	18.15	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	18.17	/	/	<=33	Pass
		Outer_Full	20.65	/	/	18.15	/	/	<=33	Pass
		Inner_Full	20.70	/	/	18.20	/	/	<=33	Pass
		Inner_1RB_Left	20.65	/	/	18.15	/	/	<=33	Pass
		Inner_1RB_Right	20.44	/	/	17.94	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	20.78	/	/	18.28	/	/	<=33	Pass
		Edge_1RB_Right	20.64	/	/	18.14	/	/	<=33	Pass
		Outer_Full	20.46	/	/	17.96	/	/	<=33	Pass
		Inner_Full	20.44	/	/	17.94	/	/	<=33	Pass
		Inner_1RB_Left	20.55	/	/	18.05	/	/	<=33	Pass
		Inner_1RB_Right	20.66	/	/	18.16	/	/	<=33	Pass
DFT-s-OFDM 256	2512.5	Edge_1RB_Left	18.65	/	/	16.15	/	/	<=33	Pass

QAM		Edge_1RB_Right	18.66	/	/	16.16	/	/	<=33	Pass
		Outer_Full	18.75	/	/	16.25	/	/	<=33	Pass
		Inner_Full	18.66	/	/	16.16	/	/	<=33	Pass
		Inner_1RB_Left	18.57	/	/	16.07	/	/	<=33	Pass
		Inner_1RB_Right	18.67	/	/	16.17	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.67	/	/	16.17	/	/	<=33	Pass
		Edge_1RB_Right	18.45	/	/	15.95	/	/	<=33	Pass
		Outer_Full	18.65	/	/	16.15	/	/	<=33	Pass
		Inner_Full	18.68	/	/	16.18	/	/	<=33	Pass
		Inner_1RB_Left	18.67	/	/	16.17	/	/	<=33	Pass
	2557.5	Inner_1RB_Right	18.59	/	/	16.09	/	/	<=33	Pass
		Edge_1RB_Left	18.78	/	/	16.28	/	/	<=33	Pass
		Edge_1RB_Right	18.53	/	/	16.03	/	/	<=33	Pass
		Outer_Full	18.51	/	/	16.01	/	/	<=33	Pass
		Inner_Full	18.36	/	/	15.86	/	/	<=33	Pass
CP-OFDM QPSK		Inner_1RB_Left	18.73	/	/	16.23	/	/	<=33	Pass
		Inner_1RB_Right	18.53	/	/	16.03	/	/	<=33	Pass
	2512.5	Edge_1RB_Left	20.30	/	/	17.80	/	/	<=33	Pass
		Edge_1RB_Right	20.17	/	/	17.67	/	/	<=33	Pass
		Outer_Full	20.05	/	/	17.55	/	/	<=33	Pass
		Inner_Full	21.75	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Left	21.80	/	/	19.30	/	/	<=33	Pass
	2535	Inner_1RB_Right	21.70	/	/	19.20	/	/	<=33	Pass
		Edge_1RB_Left	20.04	/	/	17.54	/	/	<=33	Pass
		Edge_1RB_Right	20.04	/	/	17.54	/	/	<=33	Pass
		Outer_Full	20.07	/	/	17.57	/	/	<=33	Pass
		Inner_Full	21.67	/	/	19.17	/	/	<=33	Pass
	2557.5	Inner_1RB_Left	21.43	/	/	18.93	/	/	<=33	Pass
		Inner_1RB_Right	21.54	/	/	19.04	/	/	<=33	Pass
		Edge_1RB_Left	20.11	/	/	17.61	/	/	<=33	Pass
		Edge_1RB_Right	20.09	/	/	17.59	/	/	<=33	Pass
		Outer_Full	19.91	/	/	17.41	/	/	<=33	Pass
CP-OFDM 16 QAM		Inner_Full	21.42	/	/	18.92	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	19.06	/	/	<=33	Pass
	2512.5	Edge_1RB_Left	20.26	/	/	17.76	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	17.91	/	/	<=33	Pass
		Outer_Full	20.10	/	/	17.60	/	/	<=33	Pass
		Inner_Full	21.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	21.21	/	/	18.71	/	/	<=33	Pass
	2535	Inner_1RB_Right	21.20	/	/	18.70	/	/	<=33	Pass
		Edge_1RB_Left	20.11	/	/	17.61	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	17.41	/	/	<=33	Pass
		Outer_Full	19.99	/	/	17.49	/	/	<=33	Pass
		Inner_Full	21.09	/	/	18.59	/	/	<=33	Pass
	2557.5	Inner_1RB_Left	20.93	/	/	18.43	/	/	<=33	Pass
		Inner_1RB_Right	21.08	/	/	18.58	/	/	<=33	Pass
		Edge_1RB_Left	20.28	/	/	17.78	/	/	<=33	Pass
		Edge_1RB_Right	19.99	/	/	17.49	/	/	<=33	Pass
		Outer_Full	19.90	/	/	17.40	/	/	<=33	Pass
CP-OFDM 64 QAM	2512.5	Inner_Full	20.84	/	/	18.34	/	/	<=33	Pass
		Inner_1RB_Left	21.17	/	/	18.67	/	/	<=33	Pass
		Inner_1RB_Right	21.13	/	/	18.63	/	/	<=33	Pass
		Edge_1RB_Left	19.66	/	/	17.16	/	/	<=33	Pass
		Edge_1RB_Right	19.85	/	/	17.35	/	/	<=33	Pass
		Outer_Full	19.66	/	/	17.16	/	/	<=33	Pass
		Inner_Full	19.61	/	/	17.11	/	/	<=33	Pass
		Inner_1RB_Left	19.77	/	/	17.27	/	/	<=33	Pass
		Inner_1RB_Right	19.92	/	/	17.42	/	/	<=33	Pass

	2535	Edge_1RB_Left	19.60	/	/	17.10	/	/	<=33	Pass
		Edge_1RB_Right	19.44	/	/	16.94	/	/	<=33	Pass
		Outer_Full	19.58	/	/	17.08	/	/	<=33	Pass
		Inner_Full	19.57	/	/	17.07	/	/	<=33	Pass
		Inner_1RB_Left	19.47	/	/	16.97	/	/	<=33	Pass
		Inner_1RB_Right	19.38	/	/	16.88	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	19.71	/	/	17.21	/	/	<=33	Pass
		Edge_1RB_Right	19.58	/	/	17.08	/	/	<=33	Pass
		Outer_Full	19.44	/	/	16.94	/	/	<=33	Pass
		Inner_Full	19.42	/	/	16.92	/	/	<=33	Pass
		Inner_1RB_Left	19.66	/	/	17.16	/	/	<=33	Pass
		Inner_1RB_Right	19.56	/	/	17.06	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Edge_1RB_Left	17.01	/	/	14.51	/	/	<=33	Pass
		Edge_1RB_Right	16.90	/	/	14.40	/	/	<=33	Pass
		Outer_Full	16.66	/	/	14.16	/	/	<=33	Pass
		Inner_Full	16.68	/	/	14.18	/	/	<=33	Pass
		Inner_1RB_Left	16.88	/	/	14.38	/	/	<=33	Pass
		Inner_1RB_Right	16.80	/	/	14.30	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.75	/	/	14.25	/	/	<=33	Pass
		Edge_1RB_Right	16.64	/	/	14.14	/	/	<=33	Pass
		Outer_Full	16.61	/	/	14.11	/	/	<=33	Pass
		Inner_Full	16.72	/	/	14.22	/	/	<=33	Pass
		Inner_1RB_Left	16.57	/	/	14.07	/	/	<=33	Pass
		Inner_1RB_Right	16.70	/	/	14.20	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	16.58	/	/	14.08	/	/	<=33	Pass
		Edge_1RB_Right	16.77	/	/	14.27	/	/	<=33	Pass
		Outer_Full	16.49	/	/	13.99	/	/	<=33	Pass
		Inner_Full	16.41	/	/	13.91	/	/	<=33	Pass
		Inner_1RB_Left	16.74	/	/	14.24	/	/	<=33	Pass
		Inner_1RB_Right	16.70	/	/	14.20	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2515	Edge 1RB Left	22.67	/	/	20.17	/	/	<=33	Pass
		Edge 1RB Right	22.62	/	/	20.12	/	/	<=33	Pass
		Outer_Full	22.57	/	/	20.07	/	/	<=33	Pass
		Inner_Full	23.16	/	/	20.66	/	/	<=33	Pass
		Inner 1RB Left	23.22	/	/	20.72	/	/	<=33	Pass
		Inner 1RB Right	23.23	/	/	20.73	/	/	<=33	Pass
	2535	Edge 1RB Left	22.48	/	/	19.98	/	/	<=33	Pass
		Edge 1RB Right	22.45	/	/	19.95	/	/	<=33	Pass
		Outer_Full	22.64	/	/	20.14	/	/	<=33	Pass
		Inner_Full	23.36	/	/	20.86	/	/	<=33	Pass
		Inner 1RB Left	23.13	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Right	23.06	/	/	20.56	/	/	<=33	Pass
	2555	Edge 1RB Left	22.63	/	/	20.13	/	/	<=33	Pass
		Edge 1RB Right	22.54	/	/	20.04	/	/	<=33	Pass
		Outer_Full	22.44	/	/	19.94	/	/	<=33	Pass
		Inner_Full	23.01	/	/	20.51	/	/	<=33	Pass
		Inner 1RB Left	23.28	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Right	23.16	/	/	20.66	/	/	<=33	Pass
DFT-s-OFDM QPSK	2515	Edge 1RB Left	22.11	/	/	19.61	/	/	<=33	Pass
		Edge 1RB Right	22.02	/	/	19.52	/	/	<=33	Pass

		Outer_Full	22.06	/	/	19.56	/	/	<=33	Pass
		Inner_Full	23.10	/	/	20.60	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	20.60	/	/	<=33	Pass
		Inner_1RB_Right	23.23	/	/	20.73	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.99	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	19.33	/	/	<=33	Pass
		Outer_Full	22.06	/	/	19.56	/	/	<=33	Pass
		Inner_Full	23.18	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	20.53	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	20.41	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.10	/	/	19.60	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	19.52	/	/	<=33	Pass
		Outer_Full	21.99	/	/	19.49	/	/	<=33	Pass
		Inner_Full	22.98	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Left	23.19	/	/	20.69	/	/	<=33	Pass
		Inner_1RB_Right	22.95	/	/	20.45	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge_1RB_Left	20.98	/	/	18.48	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	18.37	/	/	<=33	Pass
		Outer_Full	21.13	/	/	18.63	/	/	<=33	Pass
		Inner_Full	22.07	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Right	21.98	/	/	19.48	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.13	/	/	18.63	/	/	<=33	Pass
		Edge_1RB_Right	20.90	/	/	18.40	/	/	<=33	Pass
		Outer_Full	21.09	/	/	18.59	/	/	<=33	Pass
		Inner_Full	22.20	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Left	22.04	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	22.10	/	/	19.60	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.07	/	/	18.57	/	/	<=33	Pass
		Edge_1RB_Right	21.02	/	/	18.52	/	/	<=33	Pass
		Outer_Full	20.95	/	/	18.45	/	/	<=33	Pass
		Inner_Full	21.96	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Left	22.02	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Right	21.98	/	/	19.48	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Left	20.59	/	/	18.09	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	18.17	/	/	<=33	Pass
		Outer_Full	20.60	/	/	18.10	/	/	<=33	Pass
		Inner_Full	20.60	/	/	18.10	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	17.91	/	/	<=33	Pass
		Inner_1RB_Right	20.74	/	/	18.24	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.50	/	/	18.00	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	18.18	/	/	<=33	Pass
		Outer_Full	20.64	/	/	18.14	/	/	<=33	Pass
		Inner_Full	20.65	/	/	18.15	/	/	<=33	Pass
		Inner_1RB_Left	20.48	/	/	17.98	/	/	<=33	Pass
		Inner_1RB_Right	20.36	/	/	17.86	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.63	/	/	18.13	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	17.79	/	/	<=33	Pass
		Outer_Full	20.53	/	/	18.03	/	/	<=33	Pass
		Inner_Full	20.48	/	/	17.98	/	/	<=33	Pass
		Inner_1RB_Left	20.56	/	/	18.06	/	/	<=33	Pass
		Inner_1RB_Right	20.38	/	/	17.88	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Edge_1RB_Left	18.74	/	/	16.24	/	/	<=33	Pass
		Edge_1RB_Right	18.69	/	/	16.19	/	/	<=33	Pass
		Outer_Full	18.57	/	/	16.07	/	/	<=33	Pass
		Inner_Full	18.54	/	/	16.04	/	/	<=33	Pass
		Inner_1RB_Left	18.71	/	/	16.21	/	/	<=33	Pass
		Inner_1RB_Right	18.75	/	/	16.25	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.65	/	/	16.15	/	/	<=33	Pass

		Edge_1RB_Right	18.45	/	/	15.95	/	/	<=33	Pass
		Outer_Full	18.66	/	/	16.16	/	/	<=33	Pass
		Inner_Full	18.61	/	/	16.11	/	/	<=33	Pass
		Inner_1RB_Left	18.63	/	/	16.13	/	/	<=33	Pass
		Inner_1RB_Right	18.37	/	/	15.87	/	/	<=33	Pass
	2555	Edge_1RB_Left	18.70	/	/	16.20	/	/	<=33	Pass
		Edge_1RB_Right	18.60	/	/	16.10	/	/	<=33	Pass
		Outer_Full	18.48	/	/	15.98	/	/	<=33	Pass
		Inner_Full	18.41	/	/	15.91	/	/	<=33	Pass
		Inner_1RB_Left	18.75	/	/	16.25	/	/	<=33	Pass
		Inner_1RB_Right	18.39	/	/	15.89	/	/	<=33	Pass
CP-OFDM QPSK	2515	Edge_1RB_Left	19.94	/	/	17.44	/	/	<=33	Pass
		Edge_1RB_Right	20.24	/	/	17.74	/	/	<=33	Pass
		Outer_Full	19.99	/	/	17.49	/	/	<=33	Pass
		Inner_Full	21.54	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Left	21.52	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	19.35	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.97	/	/	17.47	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	17.37	/	/	<=33	Pass
		Outer_Full	20.15	/	/	17.65	/	/	<=33	Pass
		Inner_Full	21.65	/	/	19.15	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	19.11	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.20	/	/	17.70	/	/	<=33	Pass
		Edge_1RB_Right	20.06	/	/	17.56	/	/	<=33	Pass
		Outer_Full	19.87	/	/	17.37	/	/	<=33	Pass
		Inner_Full	21.34	/	/	18.84	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	19.20	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	19.02	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Edge_1RB_Left	20.06	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Right	20.30	/	/	17.80	/	/	<=33	Pass
		Outer_Full	20.07	/	/	17.57	/	/	<=33	Pass
		Inner_Full	21.03	/	/	18.53	/	/	<=33	Pass
		Inner_1RB_Left	21.28	/	/	18.78	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	18.57	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.06	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	17.33	/	/	<=33	Pass
		Outer_Full	20.03	/	/	17.53	/	/	<=33	Pass
		Inner_Full	21.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	18.57	/	/	<=33	Pass
		Inner_1RB_Right	20.96	/	/	18.46	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.12	/	/	17.62	/	/	<=33	Pass
		Edge_1RB_Right	20.25	/	/	17.75	/	/	<=33	Pass
		Outer_Full	19.97	/	/	17.47	/	/	<=33	Pass
		Inner_Full	20.91	/	/	18.41	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	18.73	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	18.62	/	/	<=33	Pass
CP-OFDM 64 QAM	2515	Edge_1RB_Left	19.72	/	/	17.22	/	/	<=33	Pass
		Edge_1RB_Right	19.73	/	/	17.23	/	/	<=33	Pass
		Outer_Full	19.61	/	/	17.11	/	/	<=33	Pass
		Inner_Full	19.53	/	/	17.03	/	/	<=33	Pass
		Inner_1RB_Left	19.54	/	/	17.04	/	/	<=33	Pass
		Inner_1RB_Right	19.66	/	/	17.16	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.61	/	/	17.11	/	/	<=33	Pass
		Edge_1RB_Right	19.51	/	/	17.01	/	/	<=33	Pass
		Outer_Full	19.61	/	/	17.11	/	/	<=33	Pass
		Inner_Full	19.62	/	/	17.12	/	/	<=33	Pass
		Inner_1RB_Left	19.56	/	/	17.06	/	/	<=33	Pass
		Inner_1RB_Right	19.41	/	/	16.91	/	/	<=33	Pass

	2555	Edge_1RB_Left	19.88	/	/	17.38	/	/	<=33	Pass
		Edge_1RB_Right	19.65	/	/	17.15	/	/	<=33	Pass
		Outer_Full	19.44	/	/	16.94	/	/	<=33	Pass
		Inner_Full	19.40	/	/	16.90	/	/	<=33	Pass
		Inner_1RB_Left	19.82	/	/	17.32	/	/	<=33	Pass
		Inner_1RB_Right	19.70	/	/	17.20	/	/	<=33	Pass
CP-OFDM 256 QAM	2515	Edge_1RB_Left	16.65	/	/	14.15	/	/	<=33	Pass
		Edge_1RB_Right	16.71	/	/	14.21	/	/	<=33	Pass
		Outer_Full	16.62	/	/	14.12	/	/	<=33	Pass
		Inner_Full	16.61	/	/	14.11	/	/	<=33	Pass
		Inner_1RB_Left	16.50	/	/	14.00	/	/	<=33	Pass
		Inner_1RB_Right	16.77	/	/	14.27	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.63	/	/	14.13	/	/	<=33	Pass
		Edge_1RB_Right	16.33	/	/	13.83	/	/	<=33	Pass
		Outer_Full	16.75	/	/	14.25	/	/	<=33	Pass
		Inner_Full	16.70	/	/	14.20	/	/	<=33	Pass
		Inner_1RB_Left	16.70	/	/	14.20	/	/	<=33	Pass
		Inner_1RB_Right	16.42	/	/	13.92	/	/	<=33	Pass
	2555	Edge_1RB_Left	16.65	/	/	14.15	/	/	<=33	Pass
		Edge_1RB_Right	16.58	/	/	14.08	/	/	<=33	Pass
		Outer_Full	16.48	/	/	13.98	/	/	<=33	Pass
		Inner_Full	16.44	/	/	13.94	/	/	<=33	Pass
		Inner_1RB_Left	16.67	/	/	14.17	/	/	<=33	Pass
		Inner_1RB_Right	16.70	/	/	14.20	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_40MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2520	Edge 1RB Left	22.66	/	/	20.16	/	/	<=33	Pass
		Edge 1RB Right	22.69	/	/	20.19	/	/	<=33	Pass
		Outer_Full	22.65	/	/	20.15	/	/	<=33	Pass
		Inner_Full	23.22	/	/	20.72	/	/	<=33	Pass
		Inner 1RB Left	23.12	/	/	20.62	/	/	<=33	Pass
		Inner 1RB Right	23.14	/	/	20.64	/	/	<=33	Pass
	2535	Edge 1RB Left	22.46	/	/	19.96	/	/	<=33	Pass
		Edge 1RB Right	22.30	/	/	19.80	/	/	<=33	Pass
		Outer_Full	22.56	/	/	20.06	/	/	<=33	Pass
		Inner_Full	23.21	/	/	20.71	/	/	<=33	Pass
		Inner 1RB Left	22.95	/	/	20.45	/	/	<=33	Pass
		Inner 1RB Right	22.82	/	/	20.32	/	/	<=33	Pass
	2550	Edge 1RB Left	22.65	/	/	20.15	/	/	<=33	Pass
		Edge 1RB Right	22.55	/	/	20.05	/	/	<=33	Pass
		Outer_Full	22.52	/	/	20.02	/	/	<=33	Pass
		Inner_Full	23.14	/	/	20.64	/	/	<=33	Pass
		Inner 1RB Left	23.22	/	/	20.72	/	/	<=33	Pass
		Inner 1RB Right	23.06	/	/	20.56	/	/	<=33	Pass
DFT-s-OFDM QPSK	2520	Edge 1RB Left	22.04	/	/	19.54	/	/	<=33	Pass
		Edge 1RB Right	22.18	/	/	19.68	/	/	<=33	Pass
		Outer_Full	22.16	/	/	19.66	/	/	<=33	Pass
		Inner_Full	23.18	/	/	20.68	/	/	<=33	Pass
		Inner 1RB Left	23.03	/	/	20.53	/	/	<=33	Pass
		Inner 1RB Right	23.16	/	/	20.66	/	/	<=33	Pass
	2535	Edge 1RB Left	21.95	/	/	19.45	/	/	<=33	Pass
		Edge 1RB Right	21.75	/	/	19.25	/	/	<=33	Pass

		Outer_Full	22.01	/	/	19.51	/	/	<=33	Pass
		Inner_Full	23.18	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Right	22.76	/	/	20.26	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.20	/	/	19.70	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	19.59	/	/	<=33	Pass
		Outer_Full	22.09	/	/	19.59	/	/	<=33	Pass
		Inner_Full	23.12	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	20.66	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	21.07	/	/	18.57	/	/	<=33	Pass
		Edge_1RB_Right	21.33	/	/	18.83	/	/	<=33	Pass
		Outer_Full	21.18	/	/	18.68	/	/	<=33	Pass
		Inner_Full	22.15	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Right	22.31	/	/	19.81	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.09	/	/	18.59	/	/	<=33	Pass
		Edge_1RB_Right	21.01	/	/	18.51	/	/	<=33	Pass
		Outer_Full	21.01	/	/	18.51	/	/	<=33	Pass
		Inner_Full	22.10	/	/	19.60	/	/	<=33	Pass
		Inner_1RB_Left	21.90	/	/	19.40	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	19.31	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.93	/	/	18.43	/	/	<=33	Pass
		Edge_1RB_Right	21.07	/	/	18.57	/	/	<=33	Pass
		Outer_Full	21.08	/	/	18.58	/	/	<=33	Pass
		Inner_Full	22.11	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Left	22.19	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Right	21.97	/	/	19.47	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Left	20.28	/	/	17.78	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	18.26	/	/	<=33	Pass
		Outer_Full	20.74	/	/	18.24	/	/	<=33	Pass
		Inner_Full	20.67	/	/	18.17	/	/	<=33	Pass
		Inner_1RB_Left	20.39	/	/	17.89	/	/	<=33	Pass
		Inner_1RB_Right	20.66	/	/	18.16	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.47	/	/	17.97	/	/	<=33	Pass
		Edge_1RB_Right	20.35	/	/	17.85	/	/	<=33	Pass
		Outer_Full	20.59	/	/	18.09	/	/	<=33	Pass
		Inner_Full	20.65	/	/	18.15	/	/	<=33	Pass
		Inner_1RB_Left	20.61	/	/	18.11	/	/	<=33	Pass
		Inner_1RB_Right	20.41	/	/	17.91	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.72	/	/	18.22	/	/	<=33	Pass
		Edge_1RB_Right	20.80	/	/	18.30	/	/	<=33	Pass
		Outer_Full	20.56	/	/	18.06	/	/	<=33	Pass
		Inner_Full	20.64	/	/	18.14	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Right	20.72	/	/	18.22	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge_1RB_Left	18.64	/	/	16.14	/	/	<=33	Pass
		Edge_1RB_Right	18.77	/	/	16.27	/	/	<=33	Pass
		Outer_Full	18.68	/	/	16.18	/	/	<=33	Pass
		Inner_Full	18.68	/	/	16.18	/	/	<=33	Pass
		Inner_1RB_Left	18.55	/	/	16.05	/	/	<=33	Pass
		Inner_1RB_Right	18.59	/	/	16.09	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.56	/	/	16.06	/	/	<=33	Pass
		Edge_1RB_Right	18.33	/	/	15.83	/	/	<=33	Pass
		Outer_Full	18.60	/	/	16.10	/	/	<=33	Pass
		Inner_Full	18.59	/	/	16.09	/	/	<=33	Pass
		Inner_1RB_Left	18.69	/	/	16.19	/	/	<=33	Pass
		Inner_1RB_Right	18.28	/	/	15.78	/	/	<=33	Pass
	2550	Edge_1RB_Left	18.94	/	/	16.44	/	/	<=33	Pass

		Edge_1RB_Right	18.82	/	/	16.32	/	/	<=33	Pass
		Outer_Full	18.65	/	/	16.15	/	/	<=33	Pass
		Inner_Full	18.60	/	/	16.10	/	/	<=33	Pass
		Inner_1RB_Left	18.60	/	/	16.10	/	/	<=33	Pass
		Inner_1RB_Right	18.59	/	/	16.09	/	/	<=33	Pass
CP-OFDM QPSK	2520	Edge_1RB_Left	20.22	/	/	17.72	/	/	<=33	Pass
		Edge_1RB_Right	20.11	/	/	17.61	/	/	<=33	Pass
		Outer_Full	20.14	/	/	17.64	/	/	<=33	Pass
		Inner_Full	21.61	/	/	19.11	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	19.21	/	/	<=33	Pass
		Inner_1RB_Right	21.71	/	/	19.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.89	/	/	17.39	/	/	<=33	Pass
		Edge_1RB_Right	19.81	/	/	17.31	/	/	<=33	Pass
		Outer_Full	20.09	/	/	17.59	/	/	<=33	Pass
		Inner_Full	21.59	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Right	21.33	/	/	18.83	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.21	/	/	17.71	/	/	<=33	Pass
		Edge_1RB_Right	20.13	/	/	17.63	/	/	<=33	Pass
		Outer_Full	20.11	/	/	17.61	/	/	<=33	Pass
		Inner_Full	21.53	/	/	19.03	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	19.08	/	/	<=33	Pass
CP-OFDM 16 QAM	2520	Edge_1RB_Left	20.13	/	/	17.63	/	/	<=33	Pass
		Edge_1RB_Right	20.25	/	/	17.75	/	/	<=33	Pass
		Outer_Full	20.10	/	/	17.60	/	/	<=33	Pass
		Inner_Full	21.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	21.04	/	/	18.54	/	/	<=33	Pass
		Inner_1RB_Right	21.21	/	/	18.71	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.02	/	/	17.52	/	/	<=33	Pass
		Edge_1RB_Right	19.82	/	/	17.32	/	/	<=33	Pass
		Outer_Full	19.94	/	/	17.44	/	/	<=33	Pass
		Inner_Full	21.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	18.34	/	/	<=33	Pass
		Inner_1RB_Right	20.88	/	/	18.38	/	/	<=33	Pass
	2550	Edge_1RB_Left	19.87	/	/	17.37	/	/	<=33	Pass
		Edge_1RB_Right	20.05	/	/	17.55	/	/	<=33	Pass
		Outer_Full	20.01	/	/	17.51	/	/	<=33	Pass
		Inner_Full	21.10	/	/	18.60	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	18.47	/	/	<=33	Pass
		Inner_1RB_Right	21.16	/	/	18.66	/	/	<=33	Pass
CP-OFDM 64 QAM	2520	Edge_1RB_Left	19.71	/	/	17.21	/	/	<=33	Pass
		Edge_1RB_Right	19.89	/	/	17.39	/	/	<=33	Pass
		Outer_Full	19.70	/	/	17.20	/	/	<=33	Pass
		Inner_Full	19.61	/	/	17.11	/	/	<=33	Pass
		Inner_1RB_Left	19.65	/	/	17.15	/	/	<=33	Pass
		Inner_1RB_Right	19.76	/	/	17.26	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.69	/	/	17.19	/	/	<=33	Pass
		Edge_1RB_Right	19.52	/	/	17.02	/	/	<=33	Pass
		Outer_Full	19.53	/	/	17.03	/	/	<=33	Pass
		Inner_Full	19.61	/	/	17.11	/	/	<=33	Pass
		Inner_1RB_Left	19.61	/	/	17.11	/	/	<=33	Pass
		Inner_1RB_Right	19.28	/	/	16.78	/	/	<=33	Pass
	2550	Edge_1RB_Left	19.79	/	/	17.29	/	/	<=33	Pass
		Edge_1RB_Right	19.58	/	/	17.08	/	/	<=33	Pass
		Outer_Full	19.58	/	/	17.08	/	/	<=33	Pass
		Inner_Full	19.56	/	/	17.06	/	/	<=33	Pass
		Inner_1RB_Left	19.56	/	/	17.06	/	/	<=33	Pass
		Inner_1RB_Right	19.40	/	/	16.90	/	/	<=33	Pass

CP-OFDM 256 QAM	2520	Edge_1RB_Left	16.82	/	/	14.32	/	/	<=33	Pass
		Edge_1RB_Right	16.87	/	/	14.37	/	/	<=33	Pass
		Outer_Full	16.83	/	/	14.33	/	/	<=33	Pass
		Inner_Full	16.64	/	/	14.14	/	/	<=33	Pass
		Inner_1RB_Left	16.74	/	/	14.24	/	/	<=33	Pass
		Inner_1RB_Right	16.80	/	/	14.30	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.47	/	/	13.97	/	/	<=33	Pass
		Edge_1RB_Right	16.36	/	/	13.86	/	/	<=33	Pass
		Outer_Full	16.65	/	/	14.15	/	/	<=33	Pass
		Inner_Full	16.79	/	/	14.29	/	/	<=33	Pass
		Inner_1RB_Left	16.82	/	/	14.32	/	/	<=33	Pass
		Inner_1RB_Right	16.28	/	/	13.78	/	/	<=33	Pass
	2550	Edge_1RB_Left	16.68	/	/	14.18	/	/	<=33	Pass
		Edge_1RB_Right	16.51	/	/	14.01	/	/	<=33	Pass
		Outer_Full	16.61	/	/	14.11	/	/	<=33	Pass
		Inner_Full	16.54	/	/	14.04	/	/	<=33	Pass
		Inner_1RB_Left	16.84	/	/	14.34	/	/	<=33	Pass
		Inner_1RB_Right	16.82	/	/	14.32	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_40MHz

5G NR n7 SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-8.10	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-11.40	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-10.30	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-13.00	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-10.10	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-7.30	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-9.30	-0.0037	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_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 PI/2 BPSK	2535	Outer_Full	4.57	5.30	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	4.57	5.39	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	4.58	5.36	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	4.55	5.36	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	4.57	5.38	/	Pass
CP-OFDM QPSK	2535	Outer_Full	4.54	5.35	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	4.55	5.40	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	4.56	5.70	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	4.56	5.34	/	Pass

3.1.2 15k_SISO_10MHz_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 PI/2 BPSK	2535	Outer_Full	9.07	10.09	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	9.05	10.05	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	9.07	10.47	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	9.07	9.99	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	9.07	10.01	/	Pass
CP-OFDM QPSK	2535	Outer_Full	9.39	10.46	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	9.43	10.41	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	9.41	10.36	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	9.39	10.43	/	Pass

3.1.3 15k_SISO_15MHz_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 PI/2 BPSK	2535	Outer_Full	13.60	14.74	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	13.60	14.84	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	13.56	14.82	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	13.60	14.82	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	13.57	14.91	/	Pass
CP-OFDM QPSK	2535	Outer_Full	14.29	15.53	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	14.28	15.54	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	14.30	16.09	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	14.27	15.74	/	Pass

3.1.4 15k_SISO_20MHz_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 PI/2 BPSK	2535	Outer_Full	18.13	19.49	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	18.12	19.52	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	18.12	19.58	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	18.08	19.57	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	18.12	19.59	/	Pass
CP-OFDM QPSK	2535	Outer_Full	19.12	20.54	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	19.15	20.60	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	19.12	20.66	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	19.14	20.68	/	Pass

3.1.5 15k_SISO_25MHz_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 PI/2 BPSK	2535	Outer_Full	23.22	24.88	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	23.15	24.88	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	23.19	24.83	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	23.16	24.83	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	23.15	24.78	/	Pass
CP-OFDM QPSK	2535	Outer_Full	24.05	25.72	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	24.03	25.71	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	24.09	25.72	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	24.04	26.02	/	Pass

3.1.6 15k_SISO_30MHz_NTNV

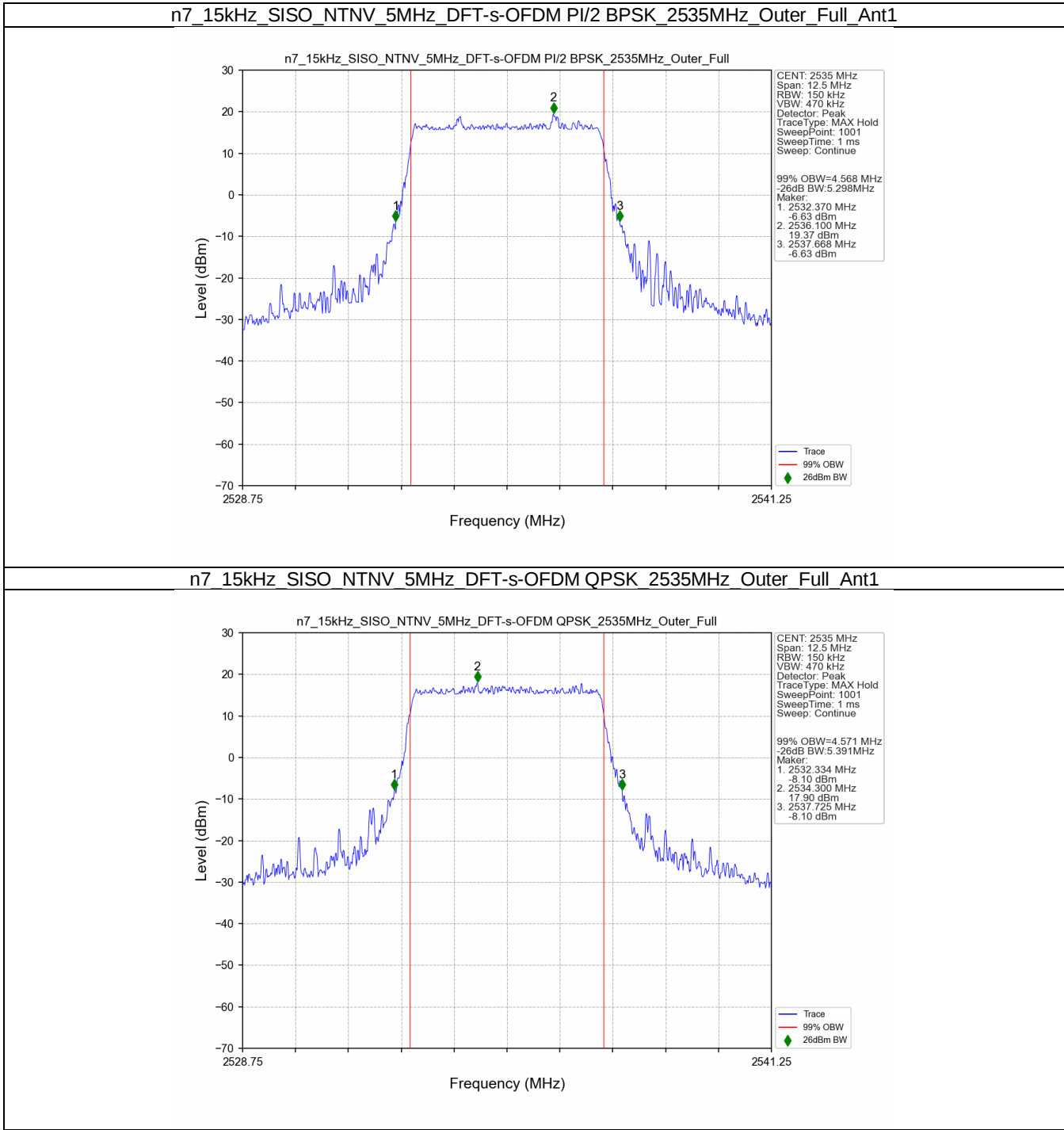
5G NR n7 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	28.98	30.83	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	29.00	31.18	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	28.92	30.86	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	28.97	30.87	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	28.94	30.90	/	Pass
CP-OFDM QPSK	2535	Outer_Full	28.96	30.94	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	28.94	30.88	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	28.95	30.95	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	28.91	30.87	/	Pass

3.1.7 15k_SISO_40MHz_NTNV

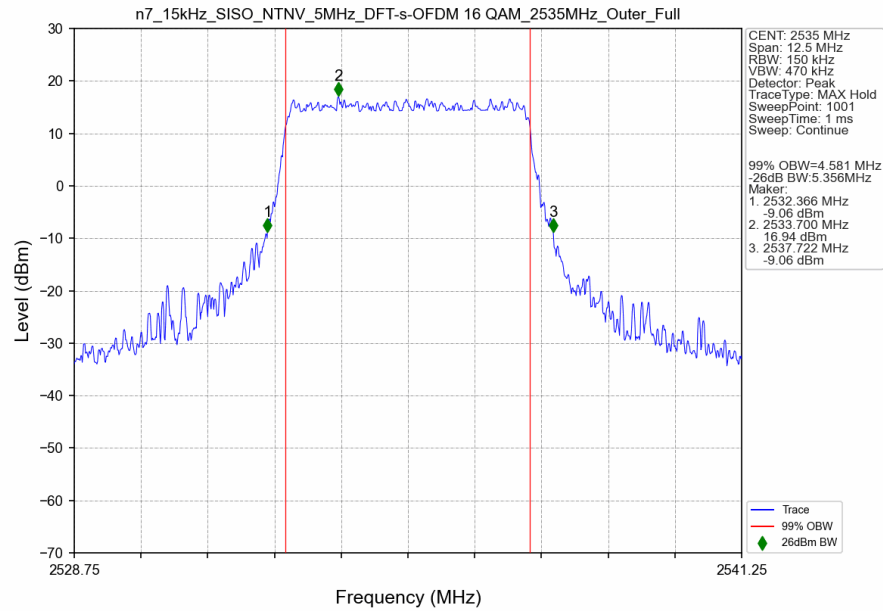
5G NR n7 SCS=15kHz SISO 40MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	39.12	41.90	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	39.14	41.63	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	39.10	41.86	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	39.12	41.60	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	39.05	41.63	/	Pass
CP-OFDM QPSK	2535	Outer_Full	39.10	41.74	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	39.11	41.51	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	39.10	41.67	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	39.06	41.81	/	Pass

3.2 Test Graph

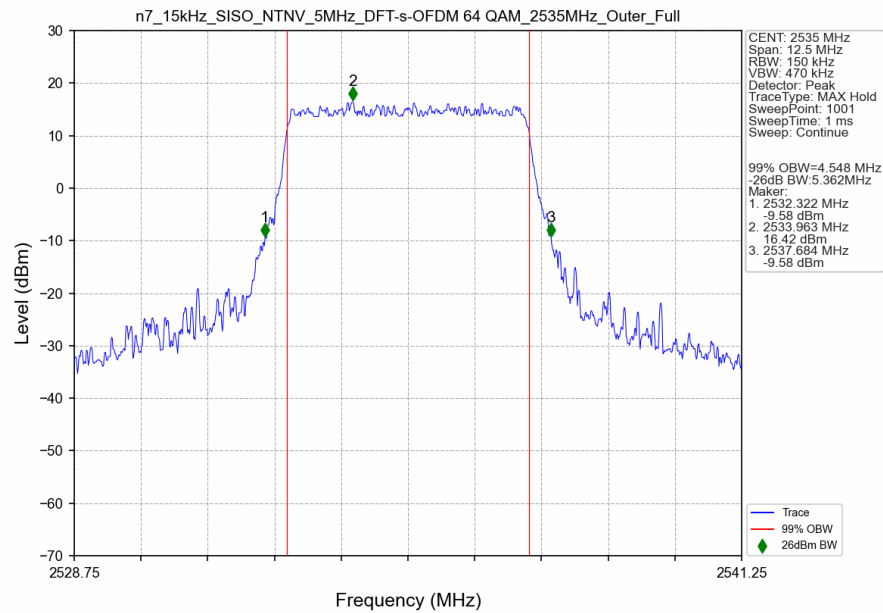
3.2.1 15k_SISO_5MHz_NTNV



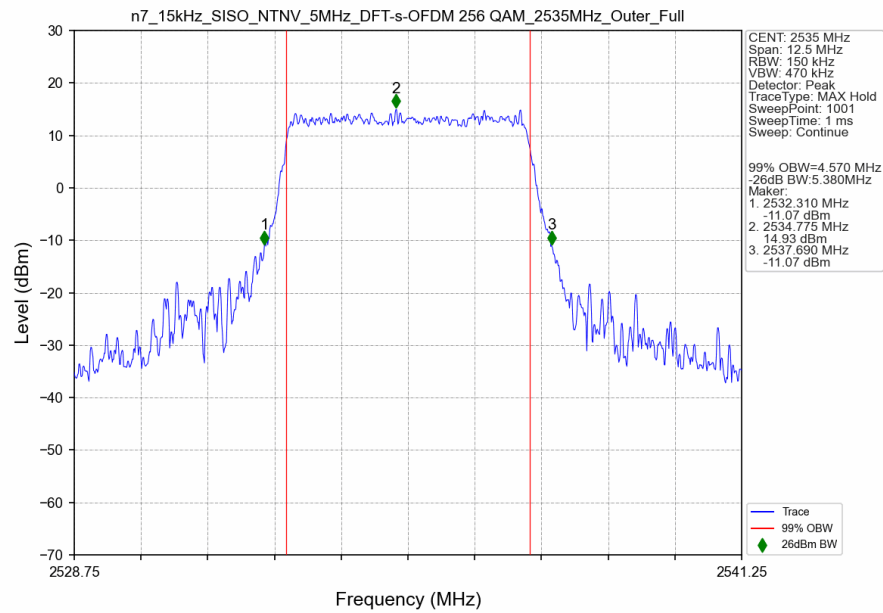
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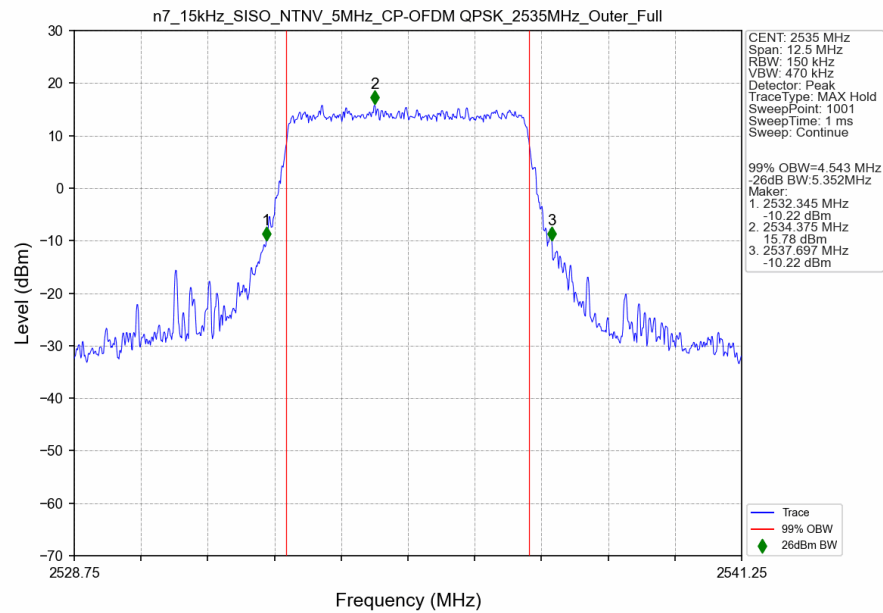
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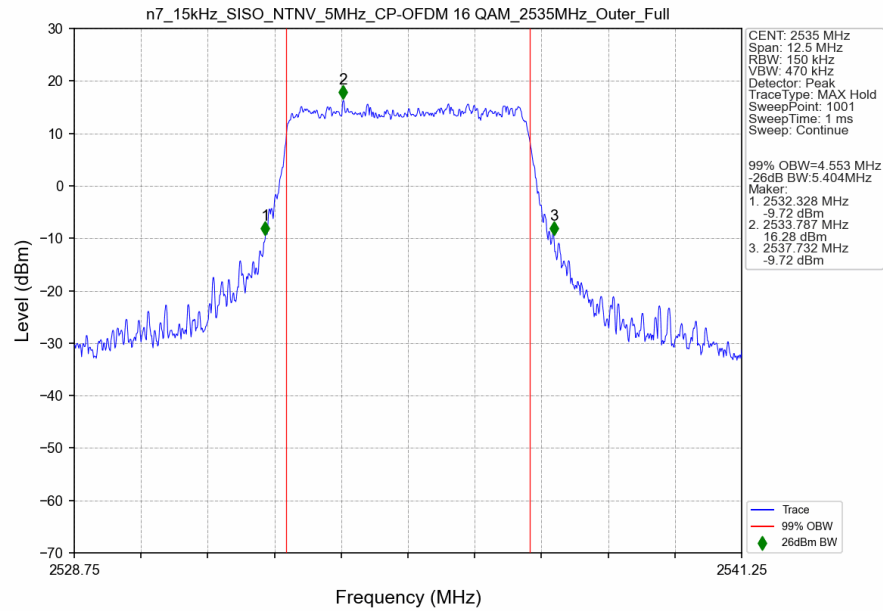
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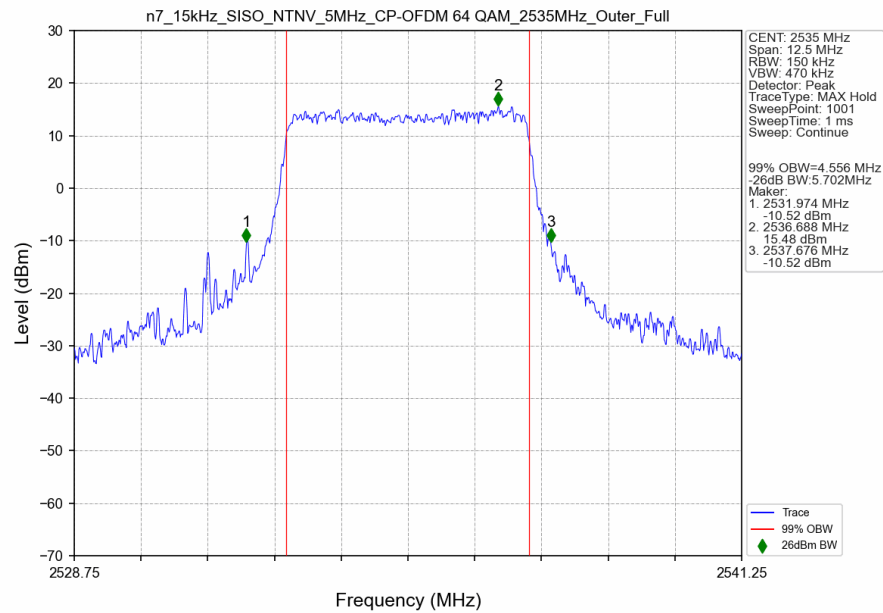
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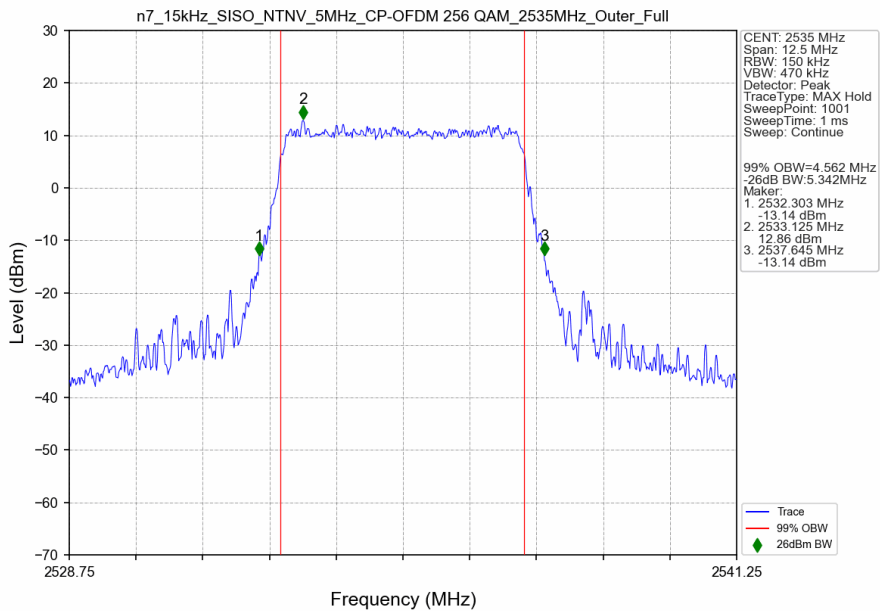
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n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant1



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_2535MHz_Outer_Full_Ant1



3.2.2 15k_SISO_10MHz_NTNV

