

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 NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	24.57	/	/	23.87	/	/	<=33	Pass
		Edge_1RB_Right	24.53	/	/	23.83	/	/	<=33	Pass
		Outer_Full	24.70	/	/	24.00	/	/	<=33	Pass
		Inner_Full	24.88	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	25.04	/	/	24.34	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	24.32	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.49	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	24.56	/	/	23.86	/	/	<=33	Pass
		Outer_Full	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_Full	24.93	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Left	25.06	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Right	25.05	/	/	24.35	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	24.51	/	/	23.81	/	/	<=33	Pass
		Edge_1RB_Right	24.49	/	/	23.79	/	/	<=33	Pass
		Outer_Full	24.66	/	/	23.97	/	/	<=33	Pass
		Inner_Full	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	24.72	/	/	24.02	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	24.56	/	/	23.86	/	/	<=33	Pass
		Edge_1RB_Right	24.04	/	/	23.34	/	/	<=33	Pass
		Outer_Full	24.00	/	/	23.30	/	/	<=33	Pass
		Inner_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Left	24.74	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	24.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	25.10	/	/	24.40	/	/	<=33	Pass
		Edge_1RB_Right	24.10	/	/	23.40	/	/	<=33	Pass
		Outer_Full	23.99	/	/	23.29	/	/	<=33	Pass
		Inner_Full	24.40	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	24.97	/	/	24.27	/	/	<=33	Pass
		Inner_1RB_Right	24.90	/	/	24.20	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	25.10	/	/	24.40	/	/	<=33	Pass
		Edge_1RB_Right	23.93	/	/	23.24	/	/	<=33	Pass
		Outer_Full	24.02	/	/	23.32	/	/	<=33	Pass
		Inner_Full	24.38	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	23.67	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Inner_1RB_Right	24.67	/	/	23.97	/	/	<=33	Pass
		Edge_1RB_Left	24.38	/	/	23.68	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
		Outer_Full	22.76	/	/	22.06	/	/	<=33	Pass
		Inner_Full	23.37	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	23.69	/	/	<=33	Pass
	2535	Inner_1RB_Right	23.80	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Left	23.80	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
		Outer_Full	22.86	/	/	22.16	/	/	<=33	Pass
		Inner_Full	23.36	/	/	22.66	/	/	<=33	Pass
	2567.5	Inner_1RB_Left	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	23.86	/	/	23.16	/	/	<=33	Pass
		Edge_1RB_Left	23.93	/	/	23.24	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	22.68	/	/	21.99	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Inner_Full	23.30	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Left	24.11	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Left	23.78	/	/	23.08	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
		Outer_Full	22.78	/	/	22.08	/	/	<=33	Pass
	2535	Inner_Full	22.78	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
	2567.5	Outer_Full	22.78	/	/	22.08	/	/	<=33	Pass
		Inner_Full	22.78	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	2502.5	Edge_1RB_Left	22.50	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.79	/	/	<=33	Pass
		Outer_Full	22.88	/	/	22.18	/	/	<=33	Pass
		Inner_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Left	22.55	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Right	22.27	/	/	21.57	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.51	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	21.86	/	/	<=33	Pass
		Outer_Full	22.85	/	/	22.15	/	/	<=33	Pass
		Inner_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Right	22.62	/	/	21.92	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.36	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	21.46	/	/	<=33	Pass
		Outer_Full	22.80	/	/	22.10	/	/	<=33	Pass
		Inner_Full	22.86	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	21.79	/	/	<=33	Pass
		Inner_1RB_Right	22.51	/	/	21.81	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Edge_1RB_Left	21.02	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	20.99	/	/	20.29	/	/	<=33	Pass
		Outer_Full	21.01	/	/	20.31	/	/	<=33	Pass
		Inner_Full	20.92	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Left	21.03	/	/	20.33	/	/	<=33	Pass
		Inner_1RB_Right	21.02	/	/	20.32	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.00	/	/	20.30	/	/	<=33	Pass
		Edge_1RB_Right	21.07	/	/	20.37	/	/	<=33	Pass
		Outer_Full	21.01	/	/	20.31	/	/	<=33	Pass
		Inner_Full	20.91	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	20.37	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	20.93	/	/	20.23	/	/	<=33	Pass
		Edge_1RB_Right	20.96	/	/	20.27	/	/	<=33	Pass
		Outer_Full	20.88	/	/	20.18	/	/	<=33	Pass
		Inner_Full	20.80	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Right	21.03	/	/	20.33	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Edge_1RB_Left	22.16	/	/	21.46	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	21.15	/	/	<=33	Pass
		Outer_Full	22.48	/	/	21.78	/	/	<=33	Pass
		Inner_Full	23.82	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	22.48	/	/	<=33	Pass
		Inner_1RB_Right	23.26	/	/	22.56	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.25	/	/	21.55	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	21.72	/	/	<=33	Pass
		Outer_Full	22.50	/	/	21.80	/	/	<=33	Pass
		Inner_Full	23.86	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	23.32	/	/	22.62	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.18	/	/	21.48	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	21.66	/	/	<=33	Pass
		Outer_Full	22.42	/	/	21.72	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	23.13	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Right	23.40	/	/	22.70	/	/	<=33	Pass
CP-OFDM 16 QAM	2502.5	Edge_1RB_Left	21.66	/	/	20.96	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	21.58	/	/	<=33	Pass
		Outer_Full	22.40	/	/	21.70	/	/	<=33	Pass
		Inner_Full	23.37	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	23.17	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.69	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	21.11	/	/	<=33	Pass
		Outer_Full	22.40	/	/	21.70	/	/	<=33	Pass
		Inner_Full	23.35	/	/	22.65	/	/	<=33	Pass

		Inner_1RB_Left	22.70	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	21.57	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	21.05	/	/	<=33	Pass
		Outer_Full	22.32	/	/	21.62	/	/	<=33	Pass
		Inner_Full	23.27	/	/	22.57	/	/	<=33	Pass
		Inner_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
CP-OFDM 64 QAM	2502.5	Edge_1RB_Left	21.58	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	21.65	/	/	20.95	/	/	<=33	Pass
		Outer_Full	21.95	/	/	21.25	/	/	<=33	Pass
		Inner_Full	21.85	/	/	21.15	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	21.36	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	21.49	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.14	/	/	21.44	/	/	<=33	Pass
		Edge_1RB_Right	21.73	/	/	21.04	/	/	<=33	Pass
		Outer_Full	21.98	/	/	21.28	/	/	<=33	Pass
		Inner_Full	21.86	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	22.20	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Right	22.22	/	/	21.52	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	21.51	/	/	20.81	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	20.91	/	/	<=33	Pass
		Outer_Full	21.91	/	/	21.21	/	/	<=33	Pass
		Inner_Full	21.76	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	20.91	/	/	<=33	Pass
CP-OFDM 256 QAM	2502.5	Edge_1RB_Left	19.04	/	/	18.34	/	/	<=33	Pass
		Edge_1RB_Right	19.23	/	/	18.53	/	/	<=33	Pass
		Outer_Full	18.97	/	/	18.27	/	/	<=33	Pass
		Inner_Full	18.92	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Left	19.07	/	/	18.37	/	/	<=33	Pass
		Inner_1RB_Right	19.14	/	/	18.44	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.28	/	/	18.58	/	/	<=33	Pass
		Edge_1RB_Right	19.25	/	/	18.55	/	/	<=33	Pass
		Outer_Full	18.96	/	/	18.26	/	/	<=33	Pass
		Inner_Full	18.95	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Left	19.04	/	/	18.34	/	/	<=33	Pass
		Inner_1RB_Right	19.18	/	/	18.48	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	18.95	/	/	18.26	/	/	<=33	Pass
		Edge_1RB_Right	19.11	/	/	18.41	/	/	<=33	Pass
		Outer_Full	18.86	/	/	18.17	/	/	<=33	Pass
		Inner_Full	18.85	/	/	18.15	/	/	<=33	Pass
		Inner_1RB_Left	18.96	/	/	18.26	/	/	<=33	Pass
		Inner_1RB_Right	19.09	/	/	18.39	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15_S_10M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2505	Edge_1RB_Left	24.57	/	/	23.87	/	/	<=33	Pass
		Edge_1RB_Right	24.48	/	/	23.78	/	/	<=33	Pass
		Outer_Full	24.58	/	/	23.88	/	/	<=33	Pass
		Inner_Full	24.85	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Left	25.09	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Right	24.48	/	/	23.78	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.50	/	/	23.80	/	/	<=33	Pass
		Edge_1RB_Right	24.45	/	/	23.76	/	/	<=33	Pass
		Outer_Full	24.63	/	/	23.93	/	/	<=33	Pass
		Inner_Full	24.85	/	/	24.15	/	/	<=33	Pass

		Inner_1RB_Left	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Right	24.45	/	/	23.75	/	/	<=33	Pass
	2565	Edge_1RB_Left	24.45	/	/	23.75	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	23.26	/	/	<=33	Pass
		Outer_Full	24.57	/	/	23.87	/	/	<=33	Pass
		Inner_Full	24.43	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	24.42	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.41	/	/	23.71	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge_1RB_Left	24.12	/	/	23.42	/	/	<=33	Pass
		Edge_1RB_Right	24.07	/	/	23.37	/	/	<=33	Pass
		Outer_Full	24.51	/	/	23.81	/	/	<=33	Pass
		Inner_Full	24.81	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	25.19	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	24.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.13	/	/	23.43	/	/	<=33	Pass
		Edge_1RB_Right	24.12	/	/	23.42	/	/	<=33	Pass
		Outer_Full	24.56	/	/	23.86	/	/	<=33	Pass
		Inner_Full	25.11	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Right	25.03	/	/	24.33	/	/	<=33	Pass
	2565	Edge_1RB_Left	24.14	/	/	23.44	/	/	<=33	Pass
		Edge_1RB_Right	24.16	/	/	23.46	/	/	<=33	Pass
		Outer_Full	24.52	/	/	23.82	/	/	<=33	Pass
		Inner_Full	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	24.84	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	24.48	/	/	23.78	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge_1RB_Left	22.80	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.11	/	/	<=33	Pass
		Outer_Full	23.38	/	/	22.68	/	/	<=33	Pass
		Inner_Full	24.40	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	23.91	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Right	23.92	/	/	23.22	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.71	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	23.39	/	/	22.69	/	/	<=33	Pass
		Inner_Full	24.44	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	23.94	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Right	24.02	/	/	23.32	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.72	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	23.32	/	/	22.62	/	/	<=33	Pass
		Inner_Full	24.30	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Right	23.85	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	21.86	/	/	<=33	Pass
		Outer_Full	22.94	/	/	22.24	/	/	<=33	Pass
		Inner_Full	22.99	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Inner_1RB_Right	22.58	/	/	21.88	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.17	/	/	21.47	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	21.85	/	/	<=33	Pass
		Outer_Full	22.86	/	/	22.16	/	/	<=33	Pass
		Inner_Full	23.01	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Left	22.59	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	22.59	/	/	21.89	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.45	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	21.77	/	/	<=33	Pass
		Outer_Full	22.81	/	/	22.11	/	/	<=33	Pass
		Inner_Full	22.84	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Left	22.47	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Right	22.58	/	/	21.88	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Edge_1RB_Left	21.04	/	/	20.34	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	20.35	/	/	<=33	Pass

		Outer_Full	21.07	/	/	20.37	/	/	<=33	Pass
		Inner_Full	20.91	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Left	21.13	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	21.09	/	/	20.39	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.98	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	20.35	/	/	<=33	Pass
		Outer_Full	21.03	/	/	20.33	/	/	<=33	Pass
		Inner_Full	20.96	/	/	20.26	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	20.42	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.95	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	20.23	/	/	<=33	Pass
		Outer_Full	20.90	/	/	20.20	/	/	<=33	Pass
		Inner_Full	20.84	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	20.30	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge_1RB_Left	22.31	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	21.67	/	/	<=33	Pass
		Outer_Full	22.54	/	/	21.84	/	/	<=33	Pass
		Inner_Full	23.98	/	/	23.28	/	/	<=33	Pass
	2535	Inner_1RB_Left	23.75	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Right	23.26	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Left	22.32	/	/	21.62	/	/	<=33	Pass
		Edge_1RB_Right	22.35	/	/	21.65	/	/	<=33	Pass
		Outer_Full	22.49	/	/	21.79	/	/	<=33	Pass
		Inner_Full	24.09	/	/	23.39	/	/	<=33	Pass
	2565	Inner_1RB_Left	23.26	/	/	22.56	/	/	<=33	Pass
		Inner_1RB_Right	23.43	/	/	22.73	/	/	<=33	Pass
		Edge_1RB_Left	22.49	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	21.66	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Outer_Full	22.40	/	/	21.70	/	/	<=33	Pass
		Inner_Full	23.98	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	22.46	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.72	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	21.09	/	/	<=33	Pass
		Outer_Full	22.41	/	/	21.71	/	/	<=33	Pass
		Inner_Full	23.35	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Left	22.72	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Right	22.75	/	/	22.06	/	/	<=33	Pass
	2565	Edge_1RB_Left	21.38	/	/	20.68	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	20.81	/	/	<=33	Pass
		Outer_Full	22.39	/	/	21.69	/	/	<=33	Pass
		Inner_Full	23.38	/	/	22.68	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Inner_1RB_Left	22.72	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Left	21.65	/	/	20.95	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	21.06	/	/	<=33	Pass
	2535	Outer_Full	22.27	/	/	21.58	/	/	<=33	Pass
		Inner_Full	23.21	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	22.59	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Left	21.64	/	/	20.94	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	20.99	/	/	<=33	Pass
		Outer_Full	21.88	/	/	21.18	/	/	<=33	Pass
		Inner_Full	21.84	/	/	21.14	/	/	<=33	Pass
	2565	Inner_1RB_Left	22.30	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Right	22.23	/	/	21.53	/	/	<=33	Pass
		Edge_1RB_Left	21.62	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	20.99	/	/	<=33	Pass
		Outer_Full	21.91	/	/	21.21	/	/	<=33	Pass
		Inner_Full	21.85	/	/	21.15	/	/	<=33	Pass
		Inner_1RB_Left	22.22	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	20.98	/	/	<=33	Pass

	2565	Edge_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	21.01	/	/	<=33	Pass
		Outer_Full	21.82	/	/	21.12	/	/	<=33	Pass
		Inner_Full	21.78	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	20.92	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge_1RB_Left	19.07	/	/	18.37	/	/	<=33	Pass
		Edge_1RB_Right	19.25	/	/	18.55	/	/	<=33	Pass
		Outer_Full	19.04	/	/	18.34	/	/	<=33	Pass
		Inner_Full	18.93	/	/	18.23	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	18.43	/	/	<=33	Pass
		Inner_1RB_Right	19.09	/	/	18.39	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.13	/	/	18.43	/	/	<=33	Pass
		Edge_1RB_Right	19.07	/	/	18.37	/	/	<=33	Pass
		Outer_Full	19.28	/	/	18.58	/	/	<=33	Pass
		Inner_Full	18.95	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Left	19.28	/	/	18.58	/	/	<=33	Pass
		Inner_1RB_Right	19.28	/	/	18.58	/	/	<=33	Pass
	2565	Edge_1RB_Left	18.95	/	/	18.25	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	18.28	/	/	<=33	Pass
		Outer_Full	18.91	/	/	18.21	/	/	<=33	Pass
		Inner_Full	18.82	/	/	18.12	/	/	<=33	Pass
		Inner_1RB_Left	19.03	/	/	18.33	/	/	<=33	Pass
		Inner_1RB_Right	19.04	/	/	18.34	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15_S_15M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2507.5	Edge_1RB_Left	24.34	/	/	23.64	/	/	<=33	Pass
		Edge_1RB_Right	23.87	/	/	23.17	/	/	<=33	Pass
		Outer_Full	24.62	/	/	23.92	/	/	<=33	Pass
		Inner_Full	24.85	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Left	24.35	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	23.67	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.34	/	/	23.64	/	/	<=33	Pass
		Edge_1RB_Right	24.28	/	/	23.58	/	/	<=33	Pass
		Outer_Full	24.60	/	/	23.90	/	/	<=33	Pass
		Inner_Full	24.80	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Left	24.33	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	23.67	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.28	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	23.80	/	/	23.11	/	/	<=33	Pass
		Outer_Full	24.54	/	/	23.84	/	/	<=33	Pass
		Inner_Full	24.33	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	24.45	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	24.38	/	/	23.68	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	24.63	/	/	23.93	/	/	<=33	Pass
		Edge_1RB_Right	24.68	/	/	23.98	/	/	<=33	Pass
		Outer_Full	24.56	/	/	23.86	/	/	<=33	Pass
		Inner_Full	24.99	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	25.15	/	/	24.45	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.03	/	/	23.33	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	23.33	/	/	<=33	Pass
		Outer_Full	24.57	/	/	23.87	/	/	<=33	Pass
		Inner_Full	25.06	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	25.17	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	25.04	/	/	24.34	/	/	<=33	Pass

	2562.5	Edge_1RB_Left	24.00	/	/	23.30	/	/	<=33	Pass
		Edge_1RB_Right	23.90	/	/	23.20	/	/	<=33	Pass
		Outer_Full	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_Full	24.62	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Left	24.90	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Right	24.47	/	/	23.77	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	22.72	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	23.47	/	/	22.77	/	/	<=33	Pass
		Inner_Full	24.38	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Left	23.80	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Right	23.97	/	/	23.27	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.71	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	23.41	/	/	22.71	/	/	<=33	Pass
		Inner_Full	24.41	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	23.84	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	23.84	/	/	23.15	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.60	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	23.32	/	/	22.62	/	/	<=33	Pass
		Inner_Full	24.30	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	23.89	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Right	23.73	/	/	23.03	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge_1RB_Left	22.41	/	/	21.71	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	21.76	/	/	<=33	Pass
		Outer_Full	22.91	/	/	22.21	/	/	<=33	Pass
		Inner_Full	22.98	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	22.19	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	21.86	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.15	/	/	21.45	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	21.71	/	/	<=33	Pass
		Outer_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_Full	22.95	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	21.82	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.36	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	21.63	/	/	<=33	Pass
		Outer_Full	22.81	/	/	22.11	/	/	<=33	Pass
		Inner_Full	22.90	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	21.78	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Edge_1RB_Left	21.00	/	/	20.30	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	20.35	/	/	<=33	Pass
		Outer_Full	21.07	/	/	20.37	/	/	<=33	Pass
		Inner_Full	21.00	/	/	20.30	/	/	<=33	Pass
		Inner_1RB_Left	20.95	/	/	20.25	/	/	<=33	Pass
		Inner_1RB_Right	21.08	/	/	20.38	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.11	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Right	21.16	/	/	20.46	/	/	<=33	Pass
		Outer_Full	20.82	/	/	20.12	/	/	<=33	Pass
		Inner_Full	21.04	/	/	20.34	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Right	21.21	/	/	20.51	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.88	/	/	20.18	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	20.23	/	/	<=33	Pass
		Outer_Full	20.97	/	/	20.27	/	/	<=33	Pass
		Inner_Full	20.89	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Left	20.96	/	/	20.26	/	/	<=33	Pass
		Inner_1RB_Right	21.02	/	/	20.32	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge_1RB_Left	22.24	/	/	21.54	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	21.57	/	/	<=33	Pass
		Outer_Full	22.52	/	/	21.82	/	/	<=33	Pass
		Inner_Full	23.85	/	/	23.15	/	/	<=33	Pass

		Inner_1RB_Left	23.17	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Right	23.22	/	/	22.52	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.36	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.73	/	/	<=33	Pass
		Outer_Full	22.24	/	/	21.54	/	/	<=33	Pass
		Inner_Full	22.56	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	23.11	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.25	/	/	21.55	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	21.13	/	/	<=33	Pass
		Outer_Full	22.45	/	/	21.75	/	/	<=33	Pass
		Inner_Full	23.83	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	23.66	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Right	23.18	/	/	22.48	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	21.63	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	21.01	/	/	<=33	Pass
		Outer_Full	22.44	/	/	21.74	/	/	<=33	Pass
		Inner_Full	23.36	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Right	22.68	/	/	21.98	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.31	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	21.83	/	/	<=33	Pass
		Outer_Full	22.39	/	/	21.69	/	/	<=33	Pass
		Inner_Full	23.34	/	/	22.64	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	22.46	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.62	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	21.64	/	/	20.94	/	/	<=33	Pass
		Outer_Full	22.38	/	/	21.68	/	/	<=33	Pass
		Inner_Full	23.24	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	21.48	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	20.98	/	/	<=33	Pass
		Outer_Full	21.92	/	/	21.22	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Left	21.53	/	/	20.83	/	/	<=33	Pass
		Inner_1RB_Right	21.62	/	/	20.92	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.28	/	/	21.58	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	21.39	/	/	<=33	Pass
		Outer_Full	22.06	/	/	21.36	/	/	<=33	Pass
		Inner_Full	22.01	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Left	22.19	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Right	22.25	/	/	21.55	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.49	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	20.89	/	/	<=33	Pass
		Outer_Full	21.93	/	/	21.24	/	/	<=33	Pass
		Inner_Full	21.87	/	/	21.17	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	20.97	/	/	<=33	Pass
CP-OFDM 256 QAM	2507.5	Edge_1RB_Left	18.98	/	/	18.28	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	18.30	/	/	<=33	Pass
		Outer_Full	19.13	/	/	18.43	/	/	<=33	Pass
		Inner_Full	19.00	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Left	19.01	/	/	18.31	/	/	<=33	Pass
		Inner_1RB_Right	19.11	/	/	18.41	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.07	/	/	18.37	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	18.48	/	/	<=33	Pass
		Outer_Full	19.14	/	/	18.44	/	/	<=33	Pass
		Inner_Full	19.30	/	/	18.60	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	18.70	/	/	<=33	Pass
		Inner_1RB_Right	19.38	/	/	18.68	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	18.88	/	/	18.18	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	18.30	/	/	<=33	Pass

		Outer_Full	19.01	/	/	18.31	/	/	<=33	Pass
		Inner_Full	18.94	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Left	18.94	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Right	18.99	/	/	18.29	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; 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
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2510	Edge_1RB_Left	24.42	/	/	23.72	/	/	<=33	Pass
		Edge_1RB_Right	23.88	/	/	23.18	/	/	<=33	Pass
		Outer_Full	24.58	/	/	23.88	/	/	<=33	Pass
		Inner_Full	24.78	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	24.38	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.38	/	/	23.68	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.37	/	/	23.67	/	/	<=33	Pass
		Edge_1RB_Right	23.82	/	/	23.12	/	/	<=33	Pass
		Outer_Full	24.52	/	/	23.82	/	/	<=33	Pass
		Inner_Full	24.82	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Right	24.46	/	/	23.76	/	/	<=33	Pass
	2560	Edge_1RB_Left	23.91	/	/	23.21	/	/	<=33	Pass
		Edge_1RB_Right	23.82	/	/	23.12	/	/	<=33	Pass
		Outer_Full	24.52	/	/	23.82	/	/	<=33	Pass
		Inner_Full	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	24.42	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.45	/	/	23.75	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	24.10	/	/	23.40	/	/	<=33	Pass
		Edge_1RB_Right	24.15	/	/	23.45	/	/	<=33	Pass
		Outer_Full	24.55	/	/	23.86	/	/	<=33	Pass
		Inner_Full	24.85	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Left	24.98	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Right	24.99	/	/	24.29	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.00	/	/	23.30	/	/	<=33	Pass
		Edge_1RB_Right	24.11	/	/	23.41	/	/	<=33	Pass
		Outer_Full	24.52	/	/	23.82	/	/	<=33	Pass
		Inner_Full	24.93	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Left	25.14	/	/	24.44	/	/	<=33	Pass
		Inner_1RB_Right	24.96	/	/	24.26	/	/	<=33	Pass
	2560	Edge_1RB_Left	23.88	/	/	23.18	/	/	<=33	Pass
		Edge_1RB_Right	24.08	/	/	23.38	/	/	<=33	Pass
		Outer_Full	24.46	/	/	23.77	/	/	<=33	Pass
		Inner_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Left	24.69	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Right	24.58	/	/	23.88	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	22.75	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	23.43	/	/	22.73	/	/	<=33	Pass
		Inner_Full	24.40	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Right	23.82	/	/	23.12	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.71	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	22.11	/	/	<=33	Pass
		Outer_Full	23.43	/	/	22.73	/	/	<=33	Pass
		Inner_Full	24.45	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	23.11	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.67	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass

DFT-s-OFDM 64 QAM		Outer_Full	23.35	/	/	22.65	/	/	<=33	Pass
		Inner_Full	24.23	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	23.82	/	/	23.12	/	/	<=33	Pass
	2510	Edge_1RB_Left	22.44	/	/	21.74	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	21.39	/	/	<=33	Pass
		Outer_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_Full	22.96	/	/	22.26	/	/	<=33	Pass
	2535	Inner_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Left	22.35	/	/	21.65	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.79	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Outer_Full	22.95	/	/	22.25	/	/	<=33	Pass
		Inner_Full	22.99	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Right	22.57	/	/	21.88	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.12	/	/	21.42	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.73	/	/	<=33	Pass
		Outer_Full	22.87	/	/	22.17	/	/	<=33	Pass
		Inner_Full	22.80	/	/	22.10	/	/	<=33	Pass
	2560	Inner_1RB_Left	22.42	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Left	20.46	/	/	19.76	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	19.80	/	/	<=33	Pass
CP-OFDM QPSK	2510	Outer_Full	19.05	/	/	18.35	/	/	<=33	Pass
		Inner_Full	21.03	/	/	20.33	/	/	<=33	Pass
		Inner_1RB_Left	21.08	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	20.35	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.00	/	/	20.30	/	/	<=33	Pass
		Edge_1RB_Right	21.22	/	/	20.52	/	/	<=33	Pass
		Outer_Full	21.11	/	/	20.42	/	/	<=33	Pass
		Inner_Full	21.36	/	/	20.66	/	/	<=33	Pass
	2560	Inner_1RB_Left	21.08	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Left	20.44	/	/	19.74	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	19.71	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Outer_Full	20.94	/	/	20.24	/	/	<=33	Pass
		Inner_Full	20.92	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Left	20.45	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	19.77	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.30	/	/	21.60	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	21.14	/	/	<=33	Pass
		Outer_Full	22.51	/	/	21.81	/	/	<=33	Pass
		Inner_Full	23.87	/	/	23.17	/	/	<=33	Pass
	2560	Inner_1RB_Left	23.20	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Left	22.33	/	/	21.63	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	21.87	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Outer_Full	22.27	/	/	21.57	/	/	<=33	Pass
		Inner_Full	23.96	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	22.55	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.73	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Right	22.05	/	/	21.35	/	/	<=33	Pass
		Outer_Full	22.40	/	/	21.70	/	/	<=33	Pass
		Inner_Full	23.79	/	/	23.09	/	/	<=33	Pass
	2560	Inner_1RB_Left	22.97	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Left	21.70	/	/	21.00	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	21.05	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Outer_Full	22.39	/	/	21.70	/	/	<=33	Pass
		Inner_Full	23.40	/	/	22.70	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass

	2535	Edge_1RB_Left	21.67	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	21.12	/	/	<=33	Pass
		Outer_Full	22.50	/	/	21.80	/	/	<=33	Pass
		Inner_Full	23.48	/	/	22.78	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Right	22.86	/	/	22.16	/	/	<=33	Pass
	2560	Edge_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	20.99	/	/	<=33	Pass
		Outer_Full	22.32	/	/	21.62	/	/	<=33	Pass
		Inner_Full	23.33	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	22.33	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	20.99	/	/	<=33	Pass
		Outer_Full	21.89	/	/	21.19	/	/	<=33	Pass
		Inner_Full	21.94	/	/	21.24	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	21.00	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.69	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	21.63	/	/	20.93	/	/	<=33	Pass
		Outer_Full	21.94	/	/	21.24	/	/	<=33	Pass
		Inner_Full	22.00	/	/	21.30	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Right	22.35	/	/	21.65	/	/	<=33	Pass
	2560	Edge_1RB_Left	21.39	/	/	20.69	/	/	<=33	Pass
		Edge_1RB_Right	21.62	/	/	20.92	/	/	<=33	Pass
		Outer_Full	21.81	/	/	21.11	/	/	<=33	Pass
		Inner_Full	21.78	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	21.59	/	/	20.89	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Edge_1RB_Left	18.99	/	/	18.29	/	/	<=33	Pass
		Edge_1RB_Right	19.05	/	/	18.35	/	/	<=33	Pass
		Outer_Full	19.07	/	/	18.37	/	/	<=33	Pass
		Inner_Full	19.04	/	/	18.34	/	/	<=33	Pass
		Inner_1RB_Left	19.03	/	/	18.33	/	/	<=33	Pass
		Inner_1RB_Right	19.01	/	/	18.31	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.17	/	/	18.47	/	/	<=33	Pass
		Edge_1RB_Right	19.23	/	/	18.53	/	/	<=33	Pass
		Outer_Full	19.33	/	/	18.63	/	/	<=33	Pass
		Inner_Full	19.44	/	/	18.74	/	/	<=33	Pass
		Inner_1RB_Left	19.06	/	/	18.36	/	/	<=33	Pass
		Inner_1RB_Right	19.31	/	/	18.61	/	/	<=33	Pass
	2560	Edge_1RB_Left	18.94	/	/	18.24	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	18.28	/	/	<=33	Pass
		Outer_Full	18.93	/	/	18.23	/	/	<=33	Pass
		Inner_Full	18.95	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Left	18.97	/	/	18.27	/	/	<=33	Pass
		Inner_1RB_Right	19.02	/	/	18.32	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15_S_25M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge_1RB_Left	24.43	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Right	23.89	/	/	23.19	/	/	<=33	Pass
		Outer_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_Full	24.79	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Right	24.46	/	/	23.76	/	/	<=33	Pass

	2535	Edge_1RB_Left	24.49	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	23.99	/	/	23.29	/	/	<=33	Pass
		Outer_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_Full	24.78	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	24.42	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.32	/	/	23.62	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	23.83	/	/	23.13	/	/	<=33	Pass
		Edge_1RB_Right	23.90	/	/	23.20	/	/	<=33	Pass
		Outer_Full	24.46	/	/	23.76	/	/	<=33	Pass
		Inner_Full	24.37	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	24.35	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	24.39	/	/	23.69	/	/	<=33	Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	23.98	/	/	23.28	/	/	<=33	Pass
		Edge_1RB_Right	24.04	/	/	23.34	/	/	<=33	Pass
		Outer_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_Full	24.77	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	24.93	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Right	24.97	/	/	24.27	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.99	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	23.33	/	/	<=33	Pass
		Outer_Full	24.46	/	/	23.76	/	/	<=33	Pass
		Inner_Full	24.70	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	24.23	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	23.98	/	/	23.28	/	/	<=33	Pass
		Edge_1RB_Right	24.03	/	/	23.33	/	/	<=33	Pass
		Outer_Full	24.45	/	/	23.75	/	/	<=33	Pass
		Inner_Full	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	24.75	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Right	24.31	/	/	23.61	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge_1RB_Left	22.71	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	22.26	/	/	<=33	Pass
		Outer_Full	23.43	/	/	22.73	/	/	<=33	Pass
		Inner_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Left	23.86	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Right	23.82	/	/	23.12	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.73	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
		Outer_Full	23.48	/	/	22.78	/	/	<=33	Pass
		Inner_Full	24.46	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	23.84	/	/	23.14	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	22.73	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	22.16	/	/	<=33	Pass
		Outer_Full	23.45	/	/	22.75	/	/	<=33	Pass
		Inner_Full	24.28	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	23.77	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Right	23.80	/	/	23.11	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Edge_1RB_Left	22.39	/	/	21.70	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	21.75	/	/	<=33	Pass
		Outer_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Left	22.41	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	21.80	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.47	/	/	21.77	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.79	/	/	<=33	Pass
		Outer_Full	22.94	/	/	22.24	/	/	<=33	Pass
		Inner_Full	23.03	/	/	22.33	/	/	<=33	Pass
		Inner_1RB_Left	22.47	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Right	22.51	/	/	21.81	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	22.11	/	/	21.41	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.73	/	/	<=33	Pass
		Outer_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_Full	22.91	/	/	22.21	/	/	<=33	Pass

		Inner_1RB_Left	22.45	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	21.76	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Edge_1RB_Left	20.43	/	/	19.73	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	19.75	/	/	<=33	Pass
		Outer_Full	21.01	/	/	20.31	/	/	<=33	Pass
		Inner_Full	21.03	/	/	20.33	/	/	<=33	Pass
		Inner_1RB_Left	20.46	/	/	19.76	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	19.77	/	/	<=33	Pass
		Edge_1RB_Left	20.38	/	/	19.68	/	/	<=33	Pass
		Edge_1RB_Right	20.48	/	/	19.78	/	/	<=33	Pass
	2535	Outer_Full	20.96	/	/	20.27	/	/	<=33	Pass
		Inner_Full	21.10	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	20.44	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Right	20.48	/	/	19.78	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	20.35	/	/	19.65	/	/	<=33	Pass
		Edge_1RB_Right	20.31	/	/	19.61	/	/	<=33	Pass
		Outer_Full	20.91	/	/	20.21	/	/	<=33	Pass
		Inner_Full	20.92	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Left	20.42	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	19.73	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge_1RB_Left	21.67	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	21.07	/	/	<=33	Pass
		Outer_Full	22.50	/	/	21.80	/	/	<=33	Pass
		Inner_Full	23.88	/	/	23.18	/	/	<=33	Pass
		Inner_1RB_Left	23.08	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	22.51	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.74	/	/	21.04	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	21.06	/	/	<=33	Pass
		Outer_Full	22.51	/	/	21.81	/	/	<=33	Pass
		Inner_Full	23.96	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Left	23.43	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Right	23.24	/	/	22.54	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	21.66	/	/	20.96	/	/	<=33	Pass
		Edge_1RB_Right	21.55	/	/	20.85	/	/	<=33	Pass
		Outer_Full	22.36	/	/	21.67	/	/	<=33	Pass
		Inner_Full	23.86	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	22.62	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	22.46	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	21.53	/	/	20.83	/	/	<=33	Pass
		Edge_1RB_Right	21.65	/	/	20.95	/	/	<=33	Pass
		Outer_Full	22.35	/	/	21.65	/	/	<=33	Pass
		Inner_Full	23.36	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	22.63	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	21.96	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.62	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	21.64	/	/	20.94	/	/	<=33	Pass
		Outer_Full	22.38	/	/	21.68	/	/	<=33	Pass
		Inner_Full	23.46	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	20.91	/	/	<=33	Pass
		Outer_Full	22.34	/	/	21.64	/	/	<=33	Pass
		Inner_Full	23.35	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
CP-OFDM 64 QAM	2512.5	Edge_1RB_Left	21.58	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	21.56	/	/	20.86	/	/	<=33	Pass
		Outer_Full	21.90	/	/	21.20	/	/	<=33	Pass
		Inner_Full	21.92	/	/	21.22	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	21.03	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.49	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	20.90	/	/	<=33	Pass

CP-OFDM 256 QAM		Outer_Full	21.87	/	/	21.17	/	/	<=33	Pass
		Inner_Full	21.97	/	/	21.27	/	/	<=33	Pass
		Inner_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	21.71	/	/	21.01	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	21.25	/	/	20.55	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	20.84	/	/	<=33	Pass
		Outer_Full	21.86	/	/	21.16	/	/	<=33	Pass
		Inner_Full	21.86	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	21.55	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Left	18.90	/	/	18.20	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	18.28	/	/	<=33	Pass
	2512.5	Outer_Full	19.03	/	/	18.33	/	/	<=33	Pass
		Inner_Full	19.00	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Left	18.93	/	/	18.23	/	/	<=33	Pass
		Inner_1RB_Right	19.05	/	/	18.35	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.89	/	/	18.19	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	18.28	/	/	<=33	Pass
		Outer_Full	18.98	/	/	18.28	/	/	<=33	Pass
		Inner_Full	19.07	/	/	18.37	/	/	<=33	Pass
		Inner_1RB_Left	18.96	/	/	18.26	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	18.36	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	18.86	/	/	18.17	/	/	<=33	Pass
		Edge_1RB_Right	18.88	/	/	18.18	/	/	<=33	Pass
		Outer_Full	18.96	/	/	18.26	/	/	<=33	Pass
		Inner_Full	18.97	/	/	18.27	/	/	<=33	Pass
		Inner_1RB_Left	18.88	/	/	18.18	/	/	<=33	Pass
		Inner_1RB_Right	18.99	/	/	18.29	/	/	<=33	Pass

Note1: Antenna Gain: Ant4: -0.70dBi;
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
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2515	Edge_1RB_Left	23.87	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	23.80	/	/	23.10	/	/	<=33	Pass
		Outer_Full	24.55	/	/	23.86	/	/	<=33	Pass
		Inner_Full	24.79	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	24.30	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	24.45	/	/	23.75	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.89	/	/	23.19	/	/	<=33	Pass
		Edge_1RB_Right	23.89	/	/	23.19	/	/	<=33	Pass
		Outer_Full	24.53	/	/	23.83	/	/	<=33	Pass
		Inner_Full	24.73	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	24.38	/	/	23.68	/	/	<=33	Pass
	2555	Edge_1RB_Left	23.81	/	/	23.11	/	/	<=33	Pass
		Edge_1RB_Right	23.86	/	/	23.16	/	/	<=33	Pass
		Outer_Full	24.52	/	/	23.82	/	/	<=33	Pass
		Inner_Full	24.31	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	24.40	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	23.67	/	/	<=33	Pass
DFT-s-OFDM QPSK	2515	Edge_1RB_Left	23.93	/	/	23.23	/	/	<=33	Pass
		Edge_1RB_Right	24.02	/	/	23.32	/	/	<=33	Pass
		Outer_Full	24.51	/	/	23.81	/	/	<=33	Pass
		Inner_Full	24.79	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	24.87	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	23.96	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.84	/	/	23.14	/	/	<=33	Pass
		Edge_1RB_Right	24.02	/	/	23.32	/	/	<=33	Pass

		Outer_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_Full	24.65	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	25.00	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Right	24.60	/	/	23.90	/	/	<=33	Pass
	2555	Edge_1RB_Left	23.99	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	23.97	/	/	23.27	/	/	<=33	Pass
		Outer_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_Full	24.59	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Left	24.69	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Right	24.36	/	/	23.66	/	/	<=33	Pass
		Edge_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.06	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Outer_Full	23.41	/	/	22.71	/	/	<=33	Pass
		Inner_Full	24.52	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Left	23.85	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	23.83	/	/	23.13	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.63	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	23.44	/	/	22.74	/	/	<=33	Pass
		Inner_Full	24.37	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	23.73	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Right	23.98	/	/	23.28	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.66	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass
		Outer_Full	23.42	/	/	22.72	/	/	<=33	Pass
		Inner_Full	24.37	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Right	23.79	/	/	23.09	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Left	22.35	/	/	21.65	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	21.74	/	/	<=33	Pass
		Outer_Full	22.91	/	/	22.21	/	/	<=33	Pass
		Inner_Full	22.91	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Left	22.38	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	21.79	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.27	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	21.72	/	/	<=33	Pass
		Outer_Full	22.94	/	/	22.24	/	/	<=33	Pass
		Inner_Full	22.98	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	22.39	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	21.78	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.44	/	/	21.74	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	21.67	/	/	<=33	Pass
		Outer_Full	22.90	/	/	22.20	/	/	<=33	Pass
		Inner_Full	22.88	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	22.44	/	/	21.74	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Edge_1RB_Left	20.33	/	/	19.63	/	/	<=33	Pass
		Edge_1RB_Right	20.46	/	/	19.76	/	/	<=33	Pass
		Outer_Full	21.00	/	/	20.30	/	/	<=33	Pass
		Inner_Full	20.99	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Left	20.35	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	19.77	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.27	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	19.69	/	/	<=33	Pass
		Outer_Full	20.96	/	/	20.26	/	/	<=33	Pass
		Inner_Full	21.00	/	/	20.30	/	/	<=33	Pass
		Inner_1RB_Left	20.38	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	19.73	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.29	/	/	19.59	/	/	<=33	Pass
		Edge_1RB_Right	20.30	/	/	19.60	/	/	<=33	Pass
		Outer_Full	20.88	/	/	20.18	/	/	<=33	Pass
		Inner_Full	20.93	/	/	20.23	/	/	<=33	Pass
		Inner_1RB_Left	20.35	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Right	20.40	/	/	19.70	/	/	<=33	Pass

CP-OFDM QPSK	2515	Edge_1RB_Left	21.67	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	21.09	/	/	<=33	Pass
		Outer_Full	22.44	/	/	21.74	/	/	<=33	Pass
		Inner_Full	23.84	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	22.45	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.63	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	21.74	/	/	21.04	/	/	<=33	Pass
		Outer_Full	22.41	/	/	21.72	/	/	<=33	Pass
		Inner_Full	23.94	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Right	23.13	/	/	22.43	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.69	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	20.96	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.67	/	/	<=33	Pass
		Inner_Full	23.85	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Right	23.08	/	/	22.38	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Edge_1RB_Left	21.49	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	20.89	/	/	<=33	Pass
		Outer_Full	22.36	/	/	21.66	/	/	<=33	Pass
		Inner_Full	23.36	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.48	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	21.32	/	/	20.62	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.67	/	/	<=33	Pass
		Inner_Full	23.46	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Left	22.54	/	/	21.84	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	22.15	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.61	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	21.57	/	/	20.87	/	/	<=33	Pass
		Outer_Full	22.36	/	/	21.66	/	/	<=33	Pass
		Inner_Full	23.37	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	23.02	/	/	22.33	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
CP-OFDM 64 QAM	2515	Edge_1RB_Left	21.29	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	21.57	/	/	20.87	/	/	<=33	Pass
		Outer_Full	21.88	/	/	21.18	/	/	<=33	Pass
		Inner_Full	21.81	/	/	21.11	/	/	<=33	Pass
		Inner_1RB_Left	21.52	/	/	20.82	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	20.88	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.43	/	/	20.73	/	/	<=33	Pass
		Edge_1RB_Right	21.48	/	/	20.78	/	/	<=33	Pass
		Outer_Full	21.89	/	/	21.19	/	/	<=33	Pass
		Inner_Full	21.91	/	/	21.22	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	20.86	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.52	/	/	20.82	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	20.80	/	/	<=33	Pass
		Outer_Full	21.90	/	/	21.20	/	/	<=33	Pass
		Inner_Full	21.84	/	/	21.14	/	/	<=33	Pass
		Inner_1RB_Left	21.58	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	21.55	/	/	20.85	/	/	<=33	Pass
CP-OFDM 256 QAM	2515	Edge_1RB_Left	18.83	/	/	18.13	/	/	<=33	Pass
		Edge_1RB_Right	19.02	/	/	18.32	/	/	<=33	Pass
		Outer_Full	19.99	/	/	19.29	/	/	<=33	Pass
		Inner_Full	18.95	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Left	18.90	/	/	18.20	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	18.36	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.84	/	/	18.14	/	/	<=33	Pass
		Edge_1RB_Right	18.92	/	/	18.22	/	/	<=33	Pass
		Outer_Full	18.96	/	/	18.26	/	/	<=33	Pass
		Inner_Full	19.08	/	/	18.38	/	/	<=33	Pass

		Inner_1RB_Left	18.86	/	/	18.16	/	/	<=33	Pass
		Inner_1RB_Right	18.95	/	/	18.25	/	/	<=33	Pass
	2555	Edge_1RB_Left	18.84	/	/	18.14	/	/	<=33	Pass
		Edge_1RB_Right	18.82	/	/	18.12	/	/	<=33	Pass
		Outer_Full	18.90	/	/	18.20	/	/	<=33	Pass
		Inner_Full	18.90	/	/	18.20	/	/	<=33	Pass
		Inner_1RB_Left	18.92	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Right	18.90	/	/	18.20	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15_S_40M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	2520	Edge_1RB_Left	23.96	/	/	23.26	/	/	<=33	Pass
		Edge_1RB_Right	23.87	/	/	23.17	/	/	<=33	Pass
		Outer_Full	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_Full	24.74	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Left	24.42	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.30	/	/	23.60	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.89	/	/	23.19	/	/	<=33	Pass
		Edge_1RB_Right	23.88	/	/	23.18	/	/	<=33	Pass
		Outer_Full	24.51	/	/	23.81	/	/	<=33	Pass
		Inner_Full	24.70	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	23.67	/	/	<=33	Pass
	2550	Edge_1RB_Left	23.86	/	/	23.16	/	/	<=33	Pass
		Edge_1RB_Right	23.91	/	/	23.21	/	/	<=33	Pass
		Outer_Full	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_Full	24.34	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	24.38	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.35	/	/	23.65	/	/	<=33	Pass
DFT-s-OFDM QPSK	2520	Edge_1RB_Left	24.03	/	/	23.33	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	23.26	/	/	<=33	Pass
		Outer_Full	24.59	/	/	23.89	/	/	<=33	Pass
		Inner_Full	24.76	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	24.70	/	/	24.00	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.85	/	/	23.15	/	/	<=33	Pass
		Edge_1RB_Right	23.80	/	/	23.10	/	/	<=33	Pass
		Outer_Full	24.42	/	/	23.72	/	/	<=33	Pass
		Inner_Full	24.63	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Right	24.61	/	/	23.91	/	/	<=33	Pass
	2550	Edge_1RB_Left	23.92	/	/	23.22	/	/	<=33	Pass
		Edge_1RB_Right	23.98	/	/	23.28	/	/	<=33	Pass
		Outer_Full	24.57	/	/	23.87	/	/	<=33	Pass
		Inner_Full	24.58	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	25.00	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Right	24.32	/	/	23.62	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	22.96	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass
		Outer_Full	23.46	/	/	22.76	/	/	<=33	Pass
		Inner_Full	24.53	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	23.80	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Right	23.96	/	/	23.26	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.89	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.06	/	/	<=33	Pass
		Outer_Full	23.45	/	/	22.75	/	/	<=33	Pass
		Inner_Full	24.45	/	/	23.75	/	/	<=33	Pass

		Inner_1RB_Left	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	23.11	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.74	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass
		Outer_Full	23.42	/	/	22.72	/	/	<=33	Pass
		Inner_Full	24.36	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	23.84	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	23.88	/	/	23.18	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Left	22.49	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
		Outer_Full	22.96	/	/	22.26	/	/	<=33	Pass
		Inner_Full	22.89	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.45	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.77	/	/	<=33	Pass
		Outer_Full	22.91	/	/	22.21	/	/	<=33	Pass
		Inner_Full	22.96	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Left	22.36	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	21.80	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.47	/	/	21.77	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	21.76	/	/	<=33	Pass
		Outer_Full	22.94	/	/	22.24	/	/	<=33	Pass
		Inner_Full	22.95	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	21.82	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge_1RB_Left	20.44	/	/	19.74	/	/	<=33	Pass
		Edge_1RB_Right	20.61	/	/	19.91	/	/	<=33	Pass
		Outer_Full	21.02	/	/	20.32	/	/	<=33	Pass
		Inner_Full	20.97	/	/	20.27	/	/	<=33	Pass
		Inner_1RB_Left	20.49	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Right	20.65	/	/	19.95	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.35	/	/	19.65	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	19.72	/	/	<=33	Pass
		Outer_Full	20.90	/	/	20.20	/	/	<=33	Pass
		Inner_Full	20.99	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Left	20.43	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Right	20.41	/	/	19.71	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.45	/	/	19.75	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	19.75	/	/	<=33	Pass
		Outer_Full	20.95	/	/	20.25	/	/	<=33	Pass
		Inner_Full	20.96	/	/	20.26	/	/	<=33	Pass
		Inner_1RB_Left	20.51	/	/	19.81	/	/	<=33	Pass
		Inner_1RB_Right	20.52	/	/	19.82	/	/	<=33	Pass
CP-OFDM QPSK	2520	Edge_1RB_Left	21.75	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	21.18	/	/	<=33	Pass
		Outer_Full	22.46	/	/	21.76	/	/	<=33	Pass
		Inner_Full	23.89	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	22.58	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.68	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	21.01	/	/	<=33	Pass
		Outer_Full	22.43	/	/	21.73	/	/	<=33	Pass
		Inner_Full	23.94	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	23.19	/	/	22.49	/	/	<=33	Pass
	2550	Edge_1RB_Left	21.74	/	/	21.04	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	21.09	/	/	<=33	Pass
		Outer_Full	22.47	/	/	21.77	/	/	<=33	Pass
		Inner_Full	23.90	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	22.58	/	/	<=33	Pass
CP-OFDM 16 QAM	2520	Edge_1RB_Left	21.37	/	/	20.67	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	21.09	/	/	<=33	Pass

		Outer_Full	22.43	/	/	21.73	/	/	<=33	Pass	
		Inner_Full	23.35	/	/	22.65	/	/	<=33	Pass	
		Inner_1RB_Left	22.67	/	/	21.97	/	/	<=33	Pass	
		Inner_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.58	/	/	20.88	/	/	<=33	Pass	
		Edge_1RB_Right	21.64	/	/	20.94	/	/	<=33	Pass	
		Outer_Full	22.41	/	/	21.71	/	/	<=33	Pass	
		Inner_Full	23.42	/	/	22.72	/	/	<=33	Pass	
		Inner_1RB_Left	22.58	/	/	21.88	/	/	<=33	Pass	
		Inner_1RB_Right	22.84	/	/	22.14	/	/	<=33	Pass	
		2550	Edge_1RB_Left	21.61	/	/	20.91	/	/	<=33	Pass
			Edge_1RB_Right	21.71	/	/	21.01	/	/	<=33	Pass
	Outer_Full		22.41	/	/	21.71	/	/	<=33	Pass	
	Inner_Full		23.38	/	/	22.68	/	/	<=33	Pass	
		Inner_1RB_Left	22.81	/	/	22.11	/	/	<=33	Pass	
		Inner_1RB_Right	22.93	/	/	22.23	/	/	<=33	Pass	
CP-OFDM 64 QAM		2520	Edge_1RB_Left	21.39	/	/	20.69	/	/	<=33	Pass
			Edge_1RB_Right	21.74	/	/	21.04	/	/	<=33	Pass
	Outer_Full		21.92	/	/	21.22	/	/	<=33	Pass	
	Inner_Full		21.84	/	/	21.14	/	/	<=33	Pass	
		Inner_1RB_Left	21.41	/	/	20.71	/	/	<=33	Pass	
		Inner_1RB_Right	21.83	/	/	21.13	/	/	<=33	Pass	
		2535	Edge_1RB_Left	21.30	/	/	20.60	/	/	<=33	Pass
			Edge_1RB_Right	21.59	/	/	20.89	/	/	<=33	Pass
	Outer_Full		21.89	/	/	21.19	/	/	<=33	Pass	
	Inner_Full		21.87	/	/	21.17	/	/	<=33	Pass	
		Inner_1RB_Left	21.53	/	/	20.83	/	/	<=33	Pass	
		Inner_1RB_Right	21.66	/	/	20.96	/	/	<=33	Pass	
		2550	Edge_1RB_Left	21.57	/	/	20.87	/	/	<=33	Pass
			Edge_1RB_Right	21.65	/	/	20.95	/	/	<=33	Pass
	Outer_Full		22.00	/	/	21.30	/	/	<=33	Pass	
	Inner_Full		21.83	/	/	21.13	/	/	<=33	Pass	
	Inner_1RB_Left	21.57	/	/	20.87	/	/	<=33	Pass		
	Inner_1RB_Right	21.68	/	/	20.99	/	/	<=33	Pass		
	CP-OFDM 256 QAM	2520	Edge_1RB_Left	18.94	/	/	18.24	/	/	<=33	Pass
			Edge_1RB_Right	19.11	/	/	18.41	/	/	<=33	Pass
Outer_Full			19.02	/	/	18.32	/	/	<=33	Pass	
Inner_Full			18.95	/	/	18.25	/	/	<=33	Pass	
		Inner_1RB_Left	18.98	/	/	18.28	/	/	<=33	Pass	
		Inner_1RB_Right	19.15	/	/	18.45	/	/	<=33	Pass	
		2535	Edge_1RB_Left	18.93	/	/	18.23	/	/	<=33	Pass
			Edge_1RB_Right	19.00	/	/	18.31	/	/	<=33	Pass
Outer_Full			18.80	/	/	18.10	/	/	<=33	Pass	
Inner_Full			19.23	/	/	18.53	/	/	<=33	Pass	
		Inner_1RB_Left	18.95	/	/	18.25	/	/	<=33	Pass	
		Inner_1RB_Right	19.02	/	/	18.32	/	/	<=33	Pass	
		2550	Edge_1RB_Left	19.02	/	/	18.32	/	/	<=33	Pass
			Edge_1RB_Right	19.12	/	/	18.42	/	/	<=33	Pass
Outer_Full			19.01	/	/	18.31	/	/	<=33	Pass	
Inner_Full			19.17	/	/	18.47	/	/	<=33	Pass	
	Inner_1RB_Left	19.18	/	/	18.48	/	/	<=33	Pass		
	Inner_1RB_Right	19.19	/	/	18.49	/	/	<=33	Pass		
Note1: Antenna Gain: Ant4: -0.70dBi; 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
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2525	Edge_1RB_Left	23.85	/	/	23.15	/	/	<=33	Pass
		Edge_1RB_Right	23.82	/	/	23.12	/	/	<=33	Pass

		Outer_Full	24.53	/	/	23.83	/	/	<=33	Pass
		Inner_Full	24.55	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	23.67	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.95	/	/	23.26	/	/	<=33	Pass
		Edge_1RB_Right	23.94	/	/	23.24	/	/	<=33	Pass
		Outer_Full	24.49	/	/	23.79	/	/	<=33	Pass
		Inner_Full	24.59	/	/	23.89	/	/	<=33	Pass
	2545	Inner_1RB_Left	24.54	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	24.41	/	/	23.71	/	/	<=33	Pass
		Edge_1RB_Left	23.99	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	23.80	/	/	23.10	/	/	<=33	Pass
DFT-s-OFDM QPSK	2525	Outer_Full	24.49	/	/	23.79	/	/	<=33	Pass
		Inner_Full	24.38	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Left	24.35	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	24.45	/	/	23.75	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.83	/	/	23.13	/	/	<=33	Pass
		Edge_1RB_Right	24.00	/	/	23.30	/	/	<=33	Pass
		Outer_Full	24.56	/	/	23.86	/	/	<=33	Pass
		Inner_Full	24.57	/	/	23.87	/	/	<=33	Pass
	2545	Inner_1RB_Left	24.82	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Right	24.58	/	/	23.88	/	/	<=33	Pass
		Edge_1RB_Left	23.94	/	/	23.24	/	/	<=33	Pass
		Edge_1RB_Right	24.00	/	/	23.30	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2525	Outer_Full	24.56	/	/	23.86	/	/	<=33	Pass
		Inner_Full	24.93	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Left	24.91	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	24.96	/	/	24.26	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.82	/	/	23.12	/	/	<=33	Pass
		Edge_1RB_Right	23.94	/	/	23.24	/	/	<=33	Pass
		Outer_Full	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_Full	24.38	/	/	23.68	/	/	<=33	Pass
	2545	Inner_1RB_Left	24.73	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	23.96	/	/	<=33	Pass
	2525	Edge_1RB_Left	22.79	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	23.52	/	/	22.82	/	/	<=33	Pass
		Inner_Full	24.44	/	/	23.74	/	/	<=33	Pass
	2535	Inner_1RB_Left	23.63	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Right	23.82	/	/	23.12	/	/	<=33	Pass
		Edge_1RB_Left	22.47	/	/	21.77	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.10	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2525	Outer_Full	22.97	/	/	22.27	/	/	<=33	Pass
		Inner_Full	24.65	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	23.00	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.59	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	23.54	/	/	22.84	/	/	<=33	Pass
		Inner_Full	24.25	/	/	23.56	/	/	<=33	Pass
	2545	Inner_1RB_Left	23.63	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	23.08	/	/	<=33	Pass
	2525	Edge_1RB_Left	22.30	/	/	21.60	/	/	<=33	Pass
		Edge_1RB_Right	22.38	/	/	21.68	/	/	<=33	Pass
		Outer_Full	22.96	/	/	22.26	/	/	<=33	Pass
		Inner_Full	22.90	/	/	22.20	/	/	<=33	Pass
	2535	Inner_1RB_Left	22.33	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Left	22.54	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Right	22.30	/	/	21.60	/	/	<=33	Pass
	2525	Outer_Full	22.87	/	/	22.17	/	/	<=33	Pass
		Inner_Full	23.11	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	22.02	/	/	<=33	Pass

	2545	Edge_1RB_Left	22.32	/	/	21.62	/	/	<=33	Pass
		Edge_1RB_Right	22.38	/	/	21.68	/	/	<=33	Pass
		Outer_Full	22.99	/	/	22.29	/	/	<=33	Pass
		Inner_Full	22.96	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Left	22.34	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	21.71	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2525	Edge_1RB_Left	20.25	/	/	19.56	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	19.66	/	/	<=33	Pass
		Outer_Full	20.98	/	/	20.28	/	/	<=33	Pass
		Inner_Full	21.05	/	/	20.35	/	/	<=33	Pass
		Inner_1RB_Left	20.33	/	/	19.63	/	/	<=33	Pass
		Inner_1RB_Right	20.38	/	/	19.68	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.88	/	/	20.18	/	/	<=33	Pass
		Edge_1RB_Right	21.06	/	/	20.36	/	/	<=33	Pass
		Outer_Full	21.26	/	/	20.56	/	/	<=33	Pass
		Inner_Full	20.79	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	21.21	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Right	21.14	/	/	20.44	/	/	<=33	Pass
	2545	Edge_1RB_Left	20.20	/	/	19.50	/	/	<=33	Pass
		Edge_1RB_Right	20.26	/	/	19.56	/	/	<=33	Pass
		Outer_Full	20.91	/	/	20.21	/	/	<=33	Pass
		Inner_Full	20.99	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Left	20.20	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	19.62	/	/	<=33	Pass
CP-OFDM QPSK	2525	Edge_1RB_Left	21.57	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Right	23.15	/	/	22.45	/	/	<=33	Pass
		Outer_Full	22.47	/	/	21.77	/	/	<=33	Pass
		Inner_Full	23.93	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Left	22.96	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Right	23.19	/	/	22.49	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.46	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	21.19	/	/	<=33	Pass
		Outer_Full	22.47	/	/	21.77	/	/	<=33	Pass
		Inner_Full	22.60	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Left	23.60	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Right	23.84	/	/	23.14	/	/	<=33	Pass
	2545	Edge_1RB_Left	21.53	/	/	20.83	/	/	<=33	Pass
		Edge_1RB_Right	23.05	/	/	22.35	/	/	<=33	Pass
		Outer_Full	22.41	/	/	21.72	/	/	<=33	Pass
		Inner_Full	23.95	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	22.44	/	/	<=33	Pass
CP-OFDM 16 QAM	2525	Edge_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.13	/	/	<=33	Pass
		Outer_Full	22.44	/	/	21.74	/	/	<=33	Pass
		Inner_Full	23.38	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	21.79	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.02	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	23.22	/	/	22.52	/	/	<=33	Pass
		Outer_Full	22.06	/	/	21.36	/	/	<=33	Pass
		Inner_Full	23.22	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	23.37	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	22.46	/	/	<=33	Pass
	2545	Edge_1RB_Left	21.49	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.67	/	/	<=33	Pass
		Inner_Full	23.43	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Right	22.62	/	/	21.92	/	/	<=33	Pass
CP-OFDM 64 QAM	2525	Edge_1RB_Left	21.41	/	/	20.71	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	20.96	/	/	<=33	Pass
		Outer_Full	21.92	/	/	21.22	/	/	<=33	Pass
		Inner_Full	21.90	/	/	21.20	/	/	<=33	Pass

		Inner_1RB_Left	21.46	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	21.03	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.21	/	/	21.51	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	21.25	/	/	<=33	Pass
		Outer_Full	22.01	/	/	21.31	/	/	<=33	Pass
		Inner_Full	22.27	/	/	21.57	/	/	<=33	Pass
		Inner_1RB_Left	22.25	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	22.08	/	/	21.38	/	/	<=33	Pass
	2545	Edge_1RB_Left	21.37	/	/	20.67	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	20.90	/	/	<=33	Pass
		Outer_Full	21.96	/	/	21.26	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	21.43	/	/	20.73	/	/	<=33	Pass
CP-OFDM 256 QAM	2525	Edge_1RB_Left	18.79	/	/	18.09	/	/	<=33	Pass
		Edge_1RB_Right	19.10	/	/	18.40	/	/	<=33	Pass
		Outer_Full	19.00	/	/	18.30	/	/	<=33	Pass
		Inner_Full	19.07	/	/	18.38	/	/	<=33	Pass
		Inner_1RB_Left	18.95	/	/	18.26	/	/	<=33	Pass
		Inner_1RB_Right	19.08	/	/	18.38	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.70	/	/	18.00	/	/	<=33	Pass
		Edge_1RB_Right	18.96	/	/	18.26	/	/	<=33	Pass
		Outer_Full	19.69	/	/	18.99	/	/	<=33	Pass
		Inner_Full	18.08	/	/	17.38	/	/	<=33	Pass
		Inner_1RB_Left	18.17	/	/	17.47	/	/	<=33	Pass
		Inner_1RB_Right	18.76	/	/	18.06	/	/	<=33	Pass
	2545	Edge_1RB_Left	18.72	/	/	18.02	/	/	<=33	Pass
		Edge_1RB_Right	18.92	/	/	18.22	/	/	<=33	Pass
		Outer_Full	18.94	/	/	18.24	/	/	<=33	Pass
		Inner_Full	18.99	/	/	18.29	/	/	<=33	Pass
		Inner_1RB_Left	18.77	/	/	18.07	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	18.19	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; 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	-0.33	-0.0001	>=-2.5 & <=2.5	Pass
				HV	-3.74	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	1.73	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-85.57	-0.0338	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-7.31	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-5.68	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-10.99	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-6.54	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-4.08	-0.0016	>=-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 PI/2 BPSK	2535	Outer_Full	4.51	5.00	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	4.54	5.03	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	4.55	5.00	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	4.57	4.99	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	4.55	5.32	/	Pass
CP-OFDM QPSK	2535	Outer_Full	4.53	5.00	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	4.52	4.94	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	4.51	4.97	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	4.54	5.24	/	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 PI/2 BPSK	2535	Outer_Full	9.03	9.74	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	9.06	9.70	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	9.03	9.73	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	9.08	9.94	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	9.06	9.72	/	Pass
CP-OFDM QPSK	2535	Outer_Full	9.42	10.03	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	9.41	10.09	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	9.39	10.07	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	9.35	10.10	/	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 PI/2 BPSK	2535	Outer_Full	13.57	14.55	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	13.52	14.58	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	13.60	14.61	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	13.59	14.65	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	13.59	14.57	/	Pass
CP-OFDM QPSK	2535	Outer_Full	14.31	15.31	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	14.28	15.31	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	14.28	15.24	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	14.24	15.29	/	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 PI/2 BPSK	2535	Outer_Full	18.10	19.38	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	18.07	19.45	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	18.05	20.26	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	18.09	19.36	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	18.11	19.43	/	Pass
CP-OFDM QPSK	2535	Outer_Full	19.15	20.43	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	19.17	20.53	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	19.13	20.51	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	19.07	20.43	/	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 PI/2 BPSK	2535	Outer_Full	23.07	24.73	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	23.06	24.74	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	23.03	24.71	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	23.07	24.70	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	23.16	24.77	/	Pass
CP-OFDM QPSK	2535	Outer_Full	23.93	25.60	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	24.01	25.60	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	23.95	25.61	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	23.94	25.57	/	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 PI/2 BPSK	2535	Outer_Full	28.81	30.76	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	28.78	30.83	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	28.79	30.78	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	28.84	30.83	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	28.85	30.84	/	Pass
CP-OFDM QPSK	2535	Outer_Full	28.77	30.77	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	28.88	31.17	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	28.80	30.79	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	28.80	30.82	/	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 PI/2 BPSK	2535	Outer_Full	38.95	41.54	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	38.89	44.58	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	38.81	41.45	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	38.97	41.45	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	38.97	41.62	/	Pass
CP-OFDM QPSK	2535	Outer_Full	39.01	41.73	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	38.97	41.55	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	38.99	41.55	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	38.97	41.50	/	Pass

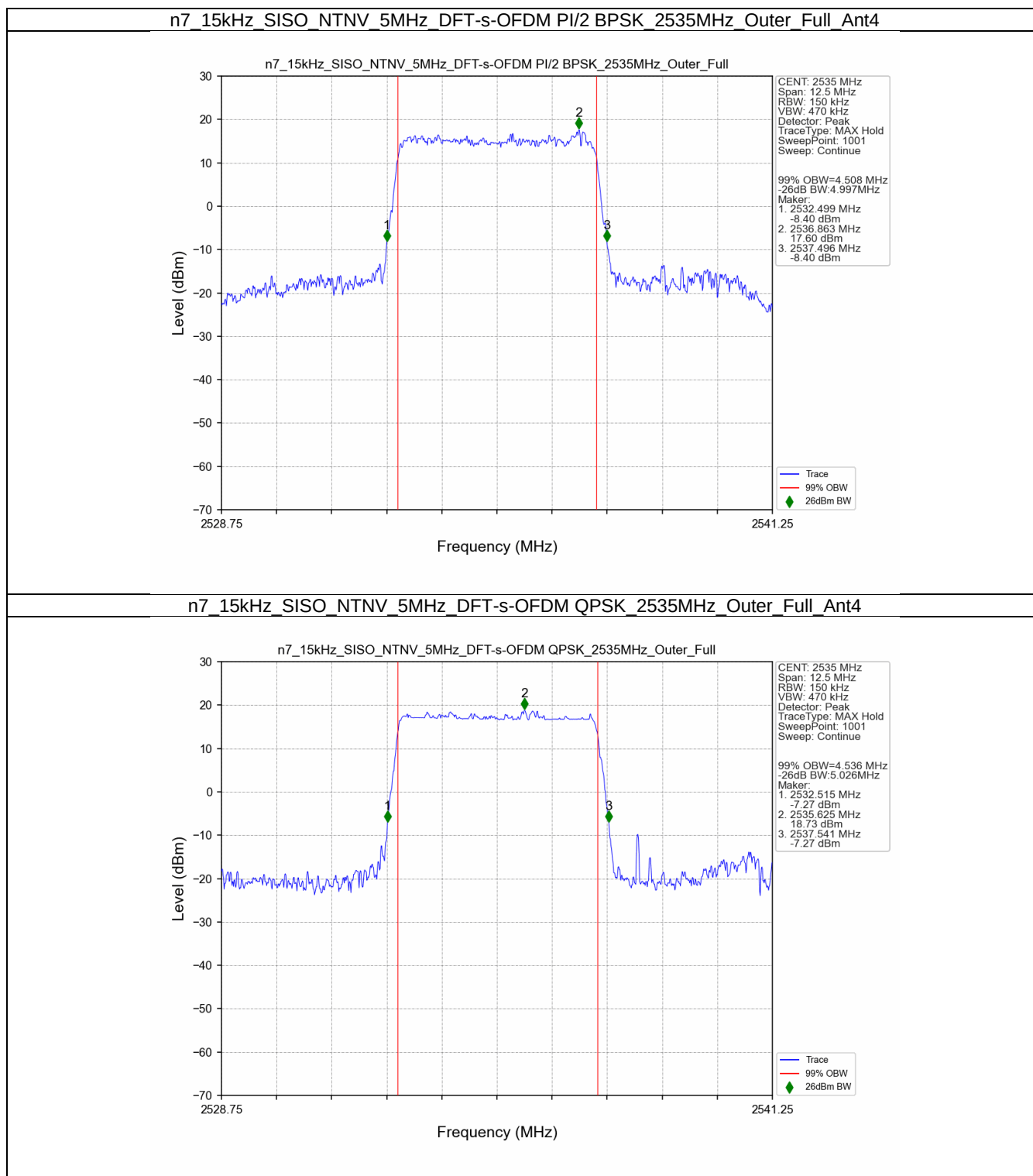
3.1.8 15_S_50M_NTNV

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 PI/2 BPSK	2535	Outer_Full	48.61	51.84	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	48.71	52.02	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	48.59	51.86	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	48.84	51.90	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	48.66	51.92	/	Pass
CP-OFDM QPSK	2535	Outer_Full	43.73	46.72	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	43.97	46.93	/	Pass

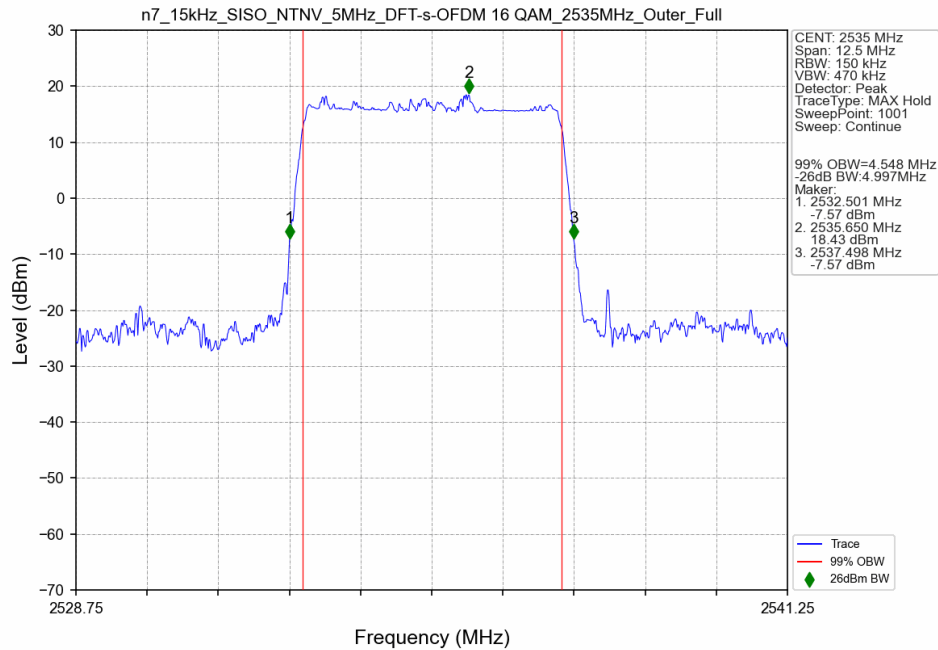
CP-OFDM 64 QAM	2535	Outer_Full	43.66	46.73	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	43.59	46.80	/	Pass

3.2 Test Graph

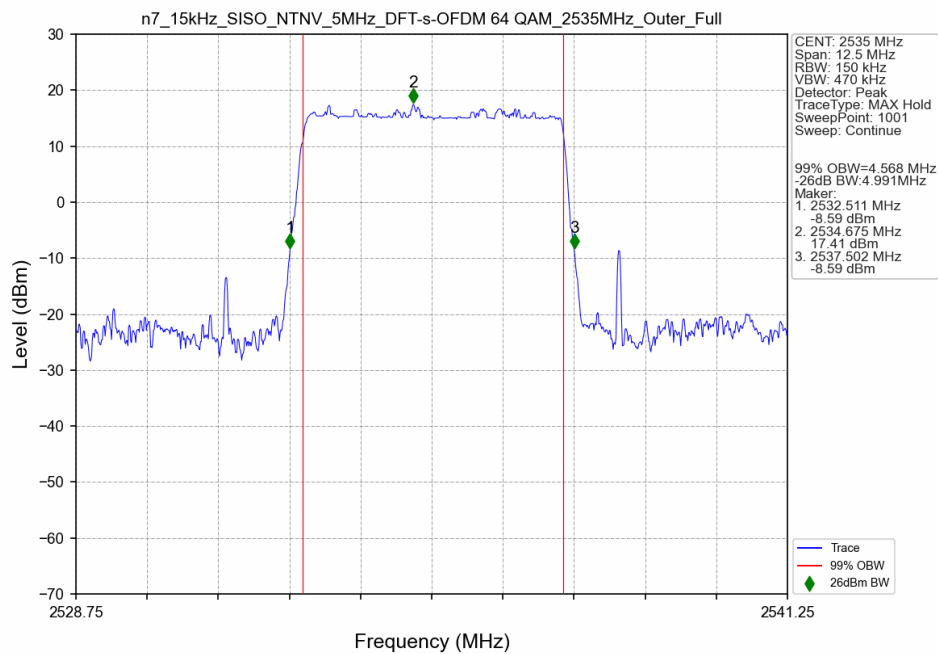
3.2.1 15_S_5M_NTNV



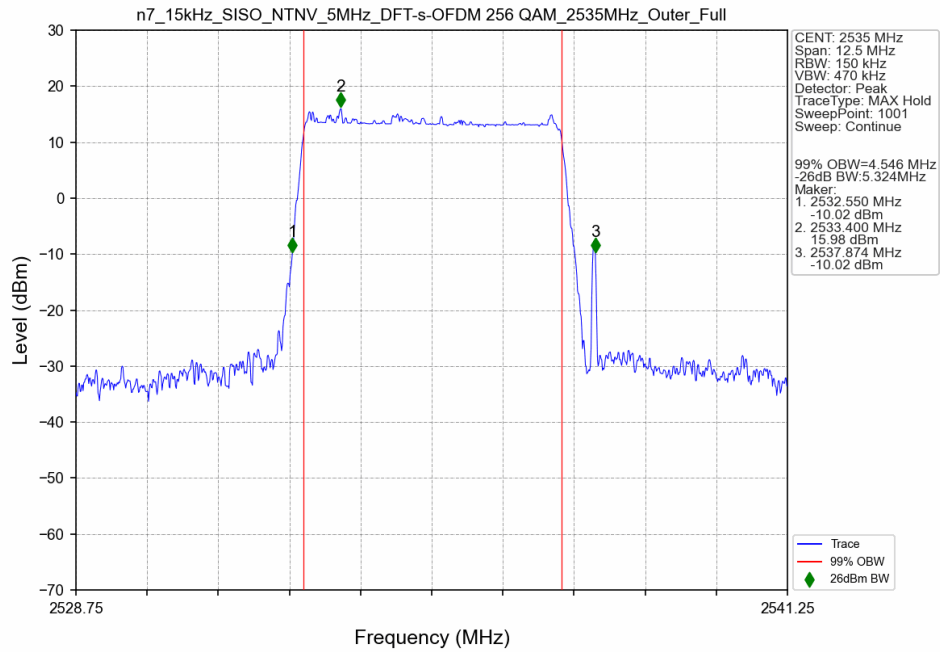
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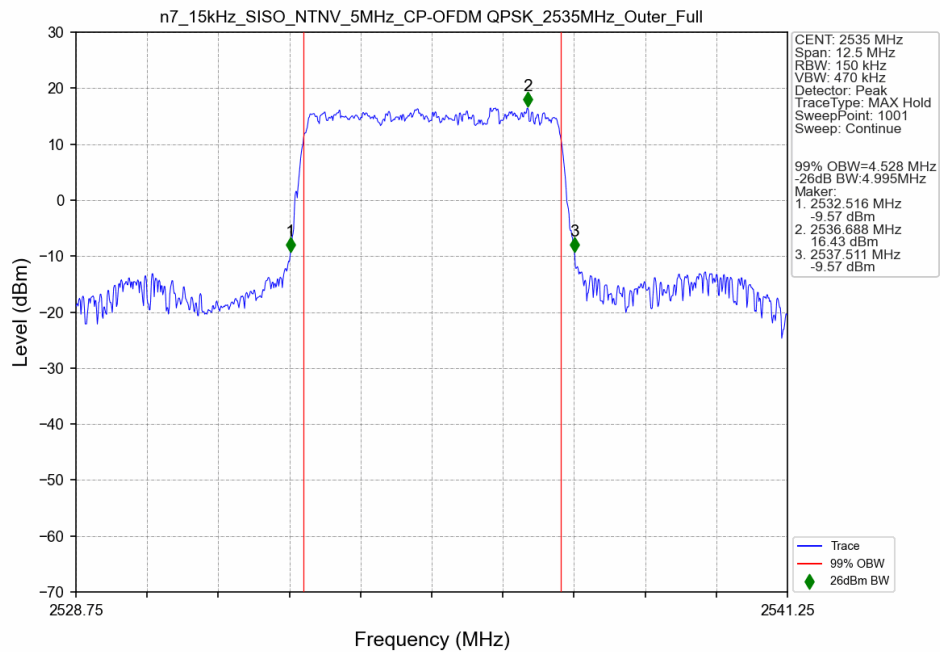
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant4



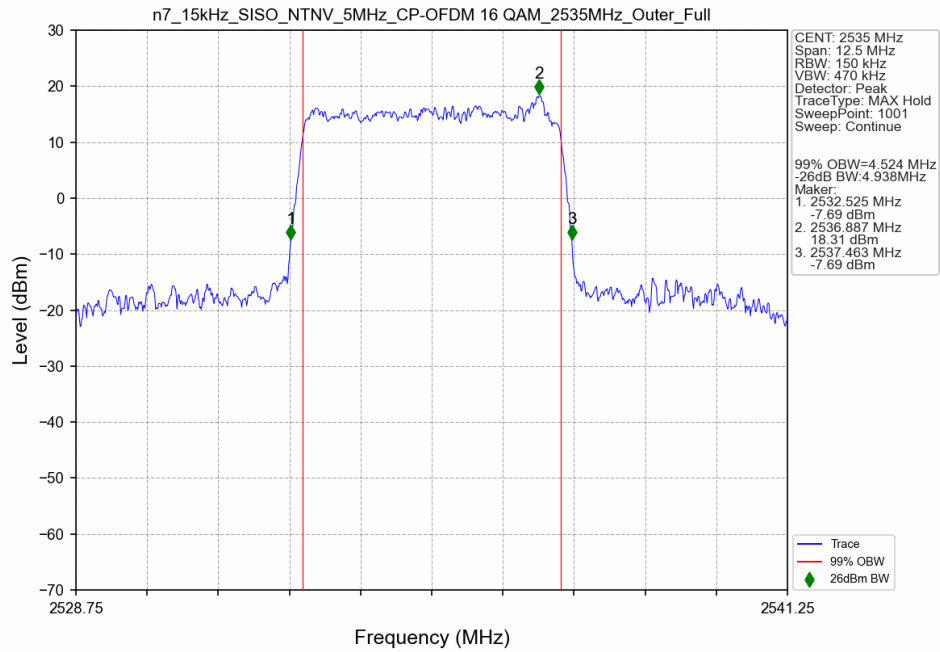
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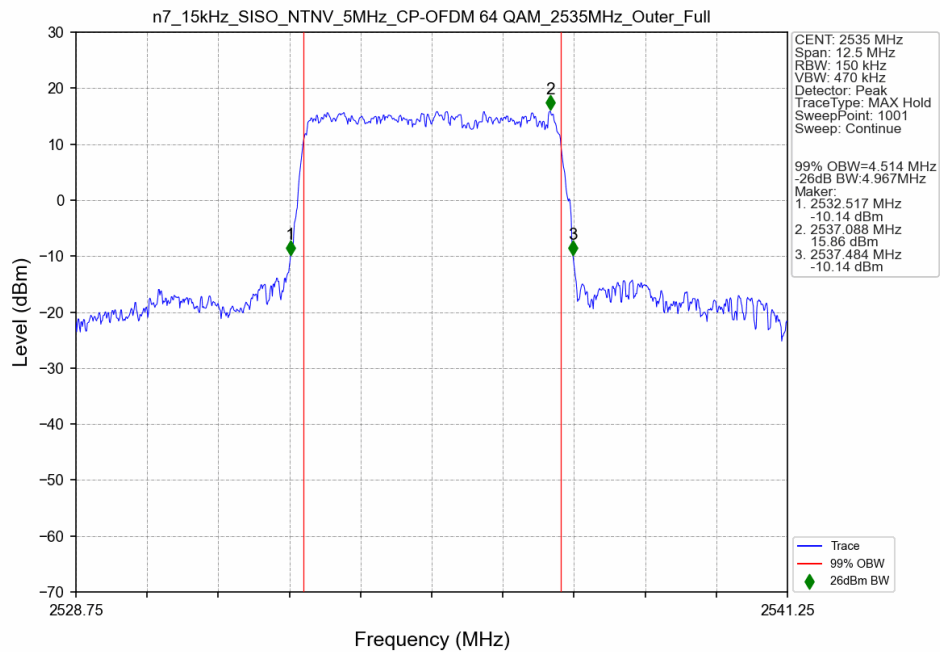
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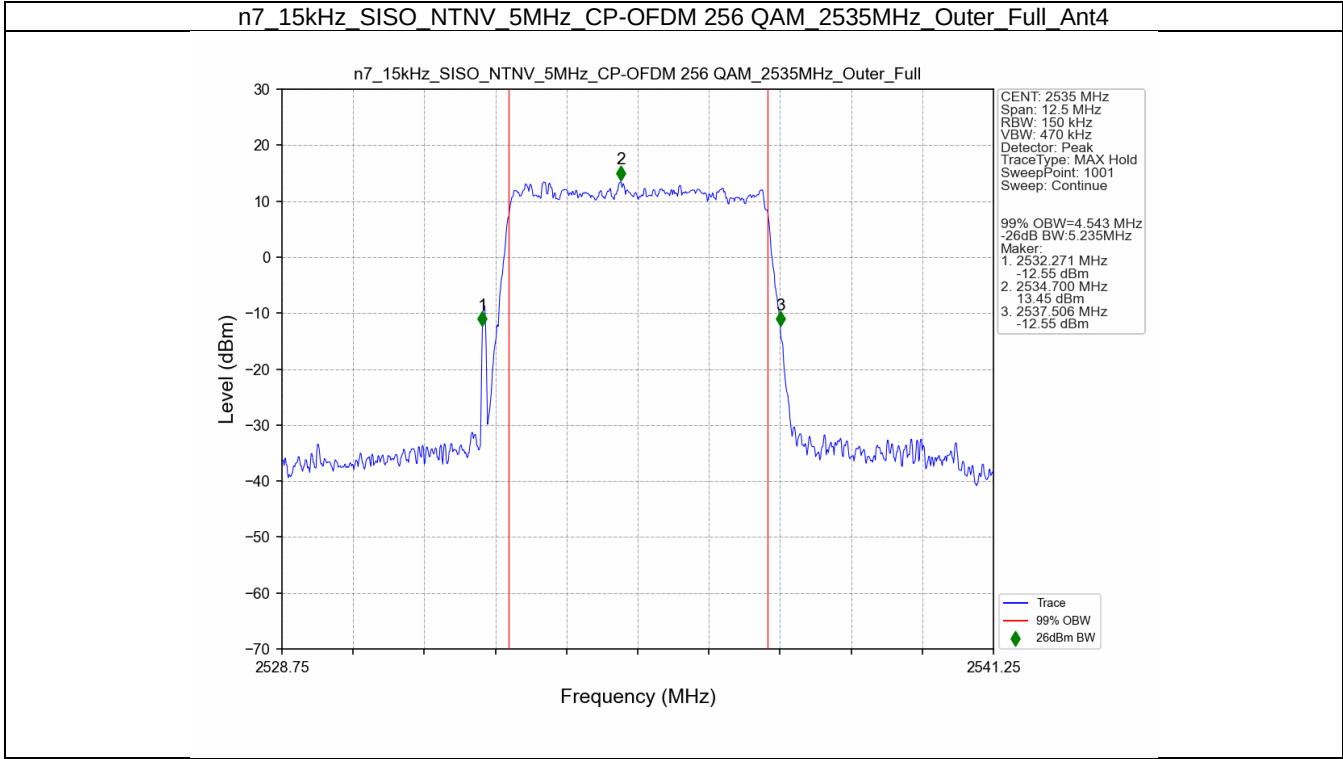


n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_2535MHz_Outer_Full_Ant4

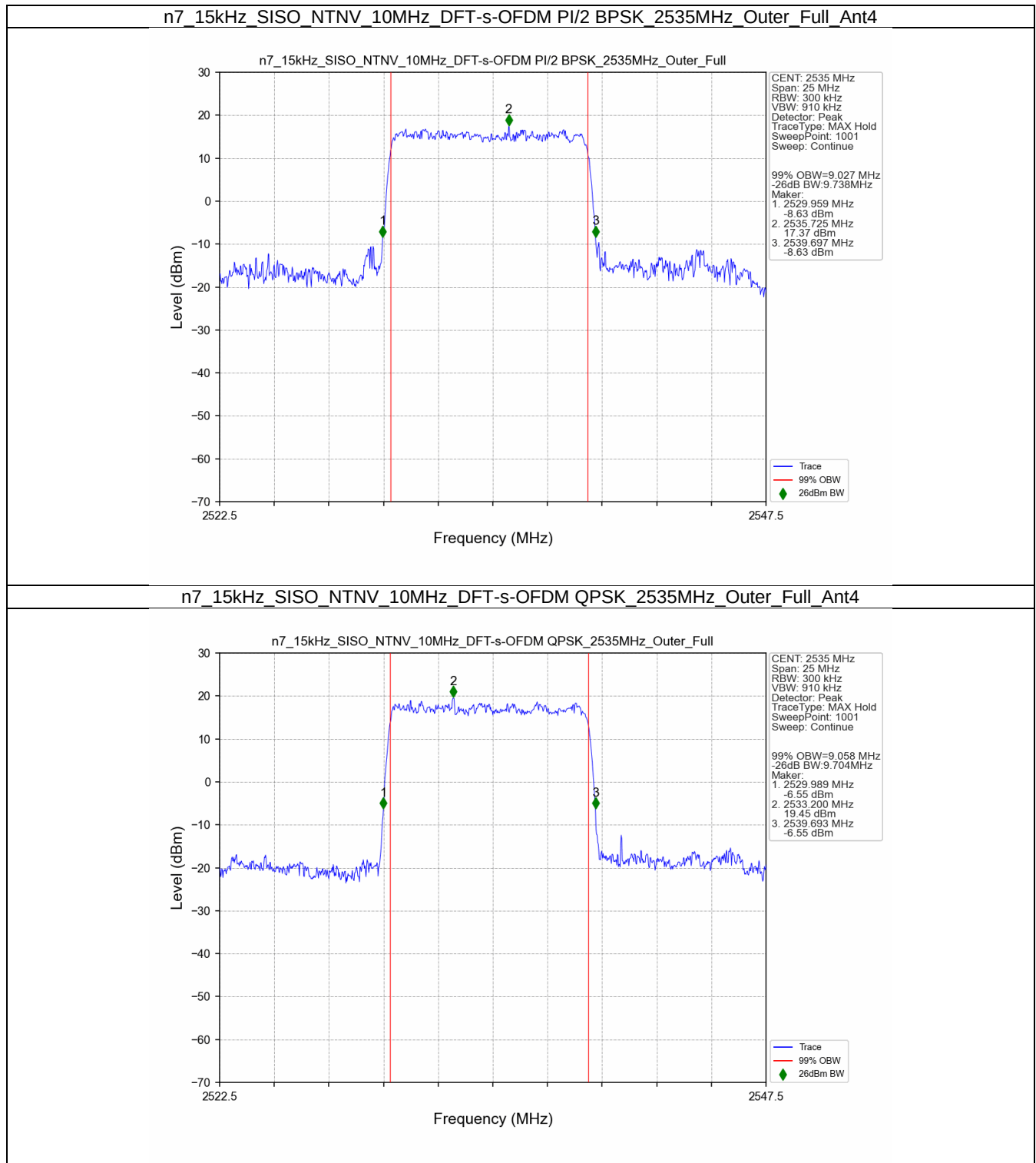


n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant4

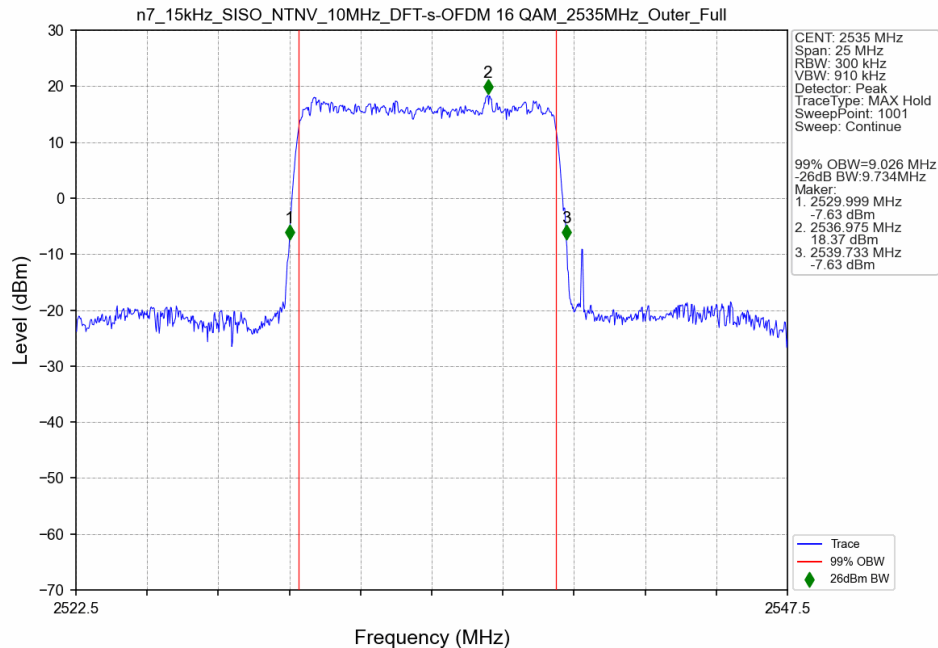




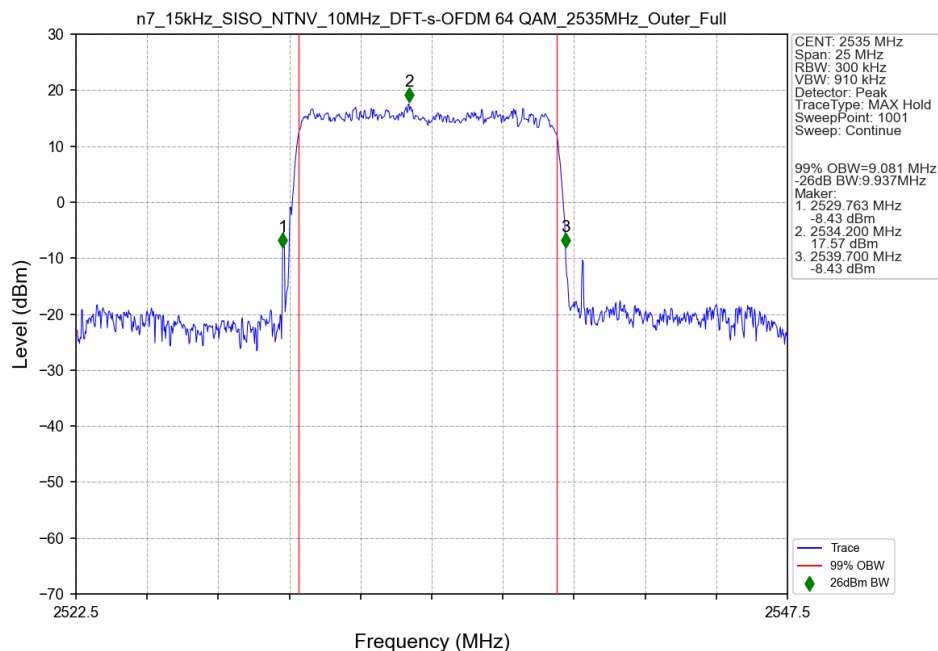
3.2.2 15_S_10M_NTNV



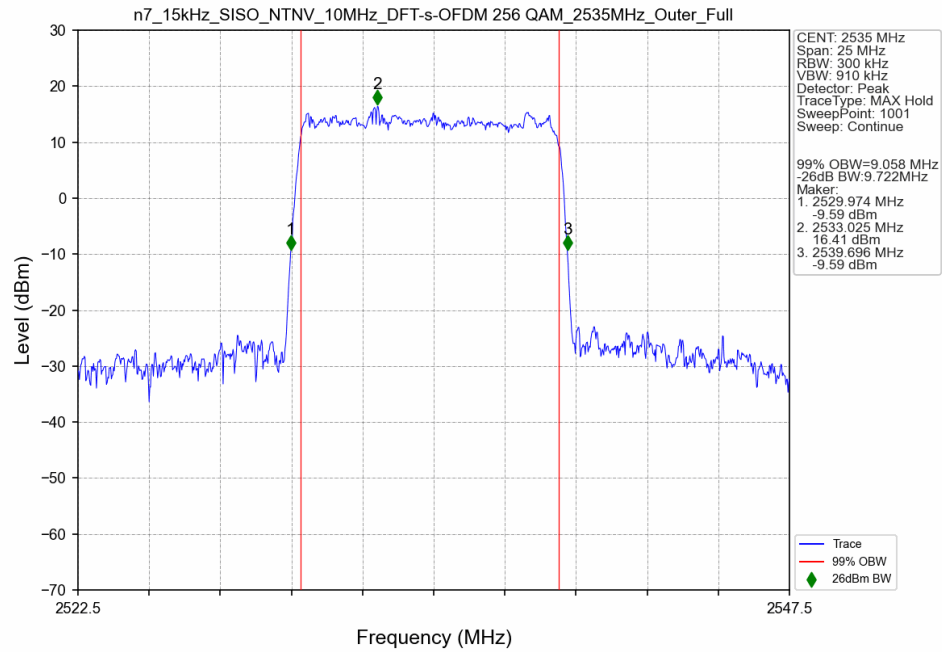
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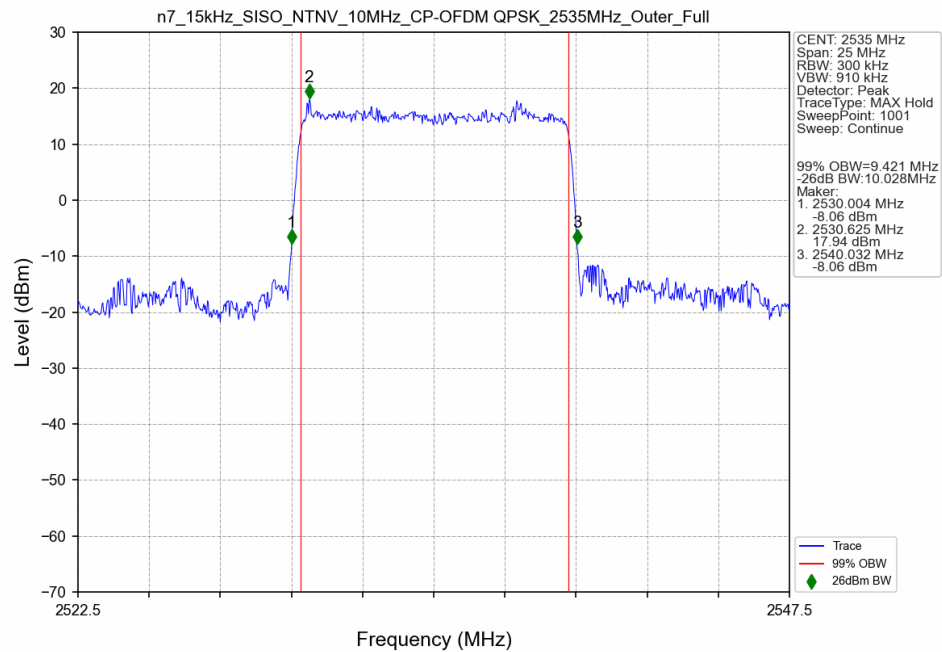
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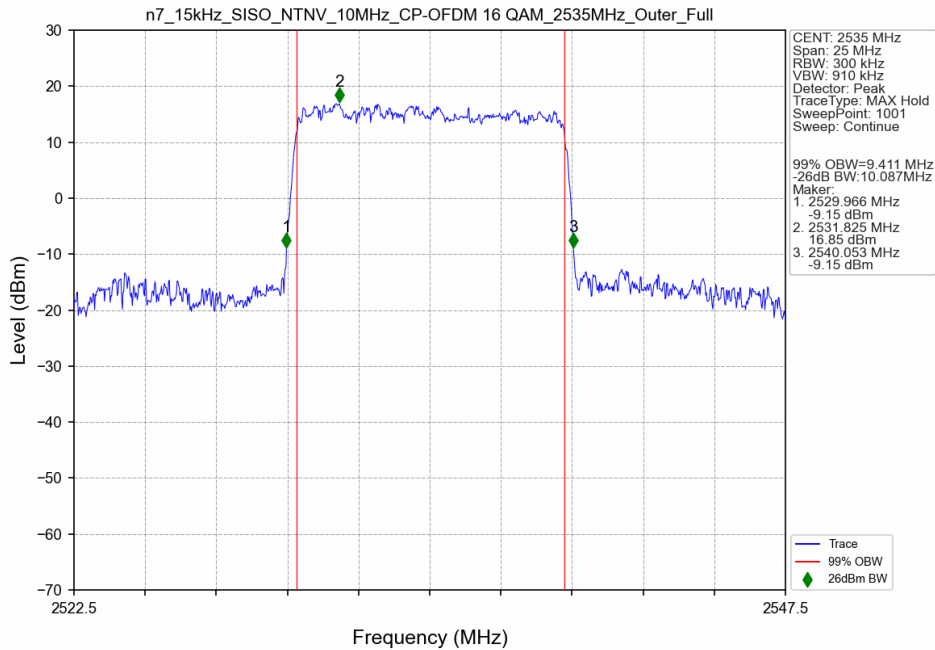
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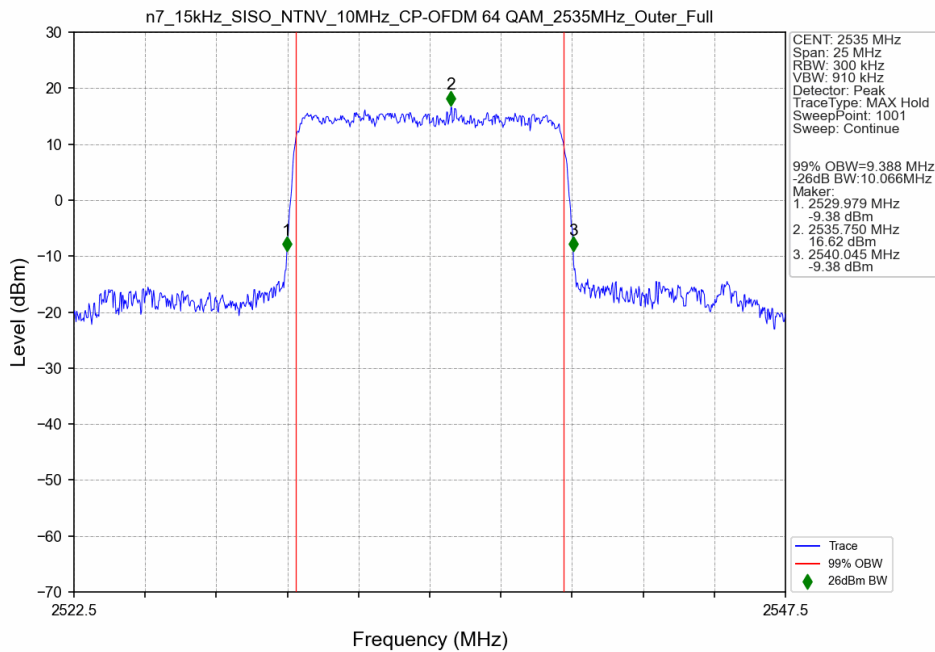
n7_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant4

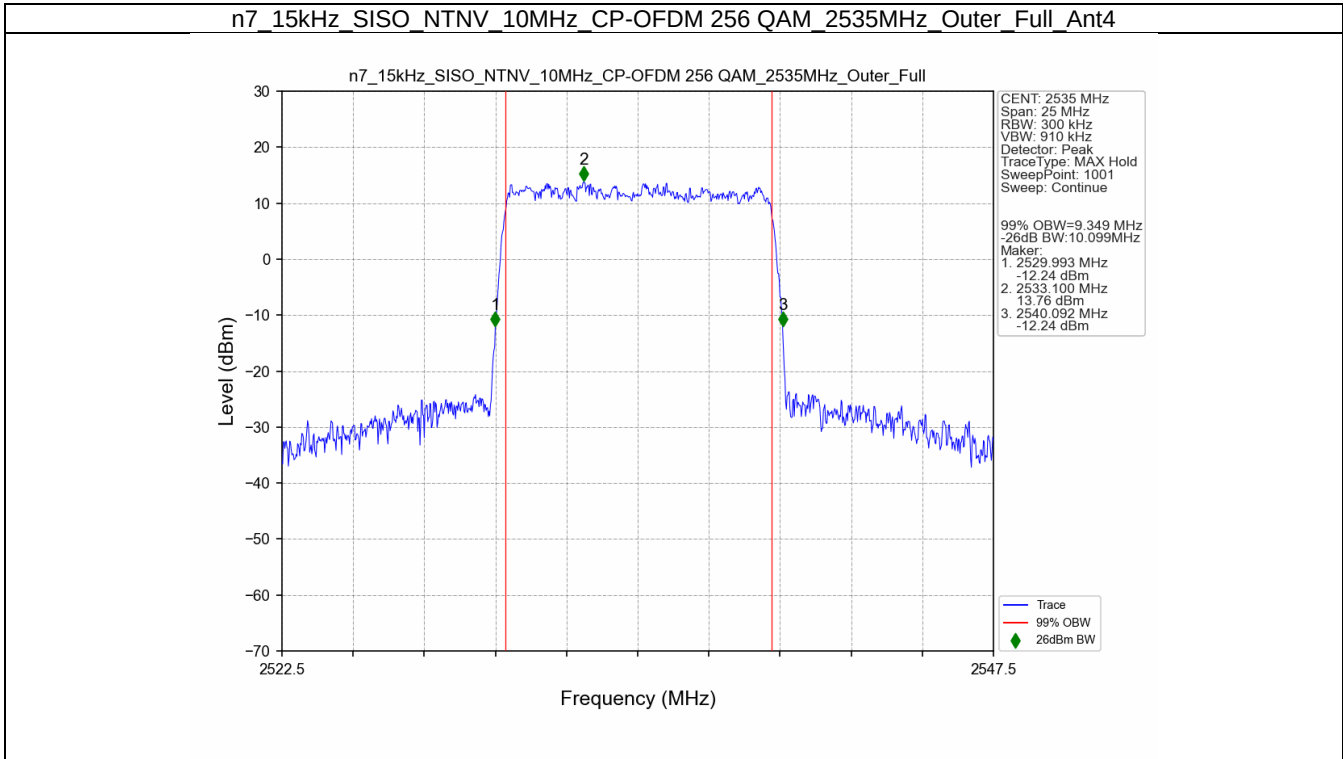


n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant4

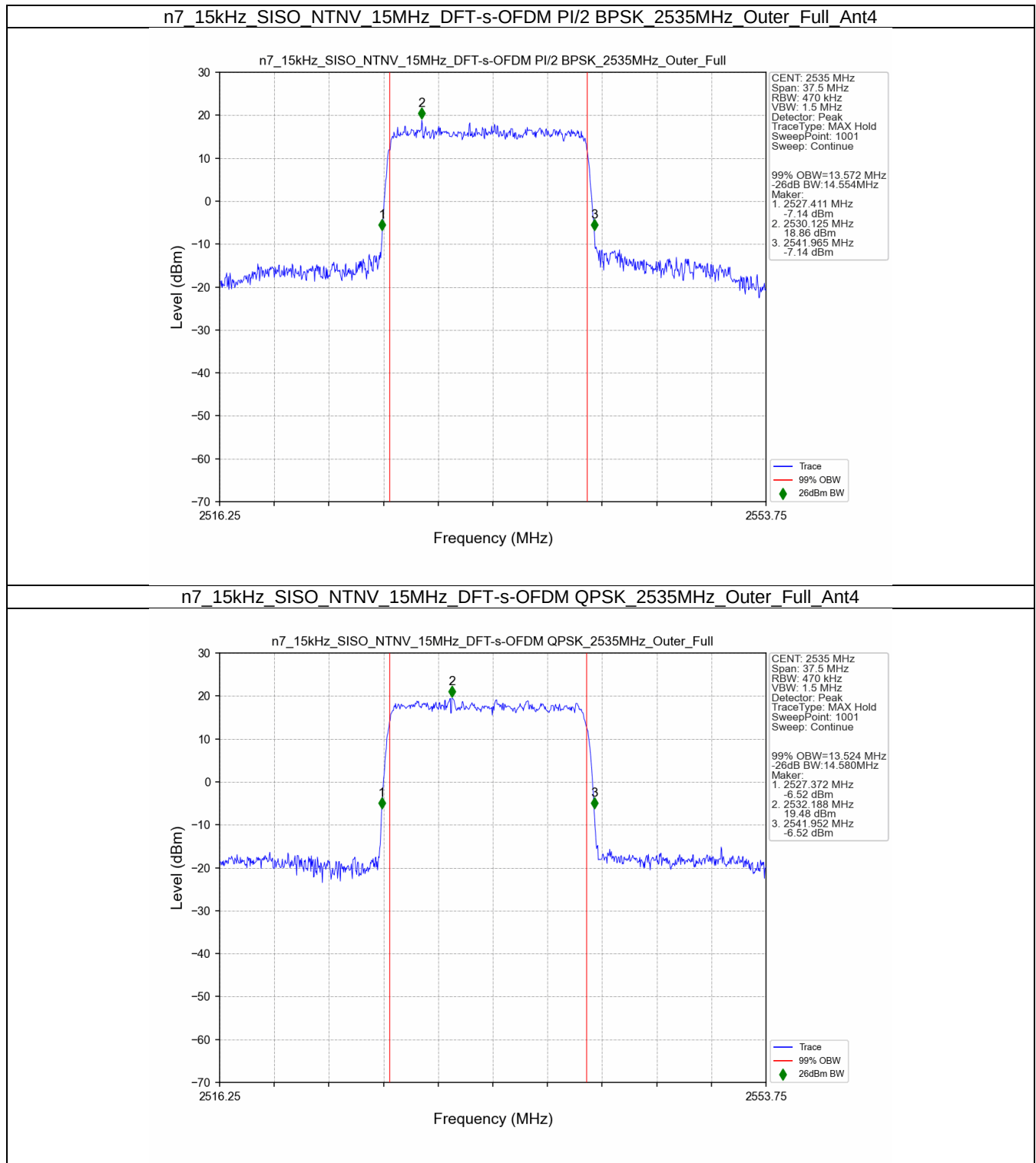


n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant4

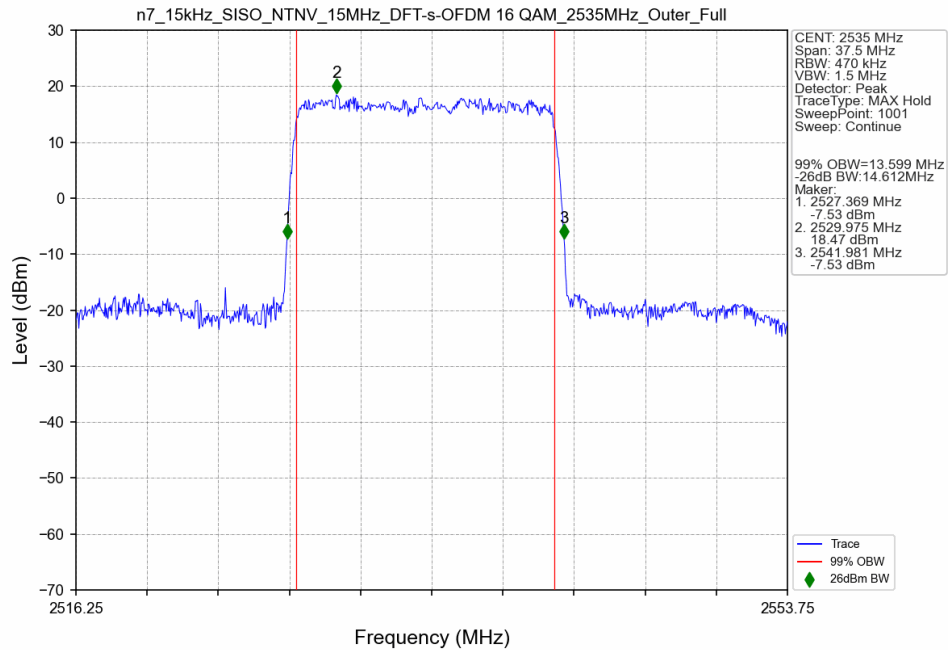




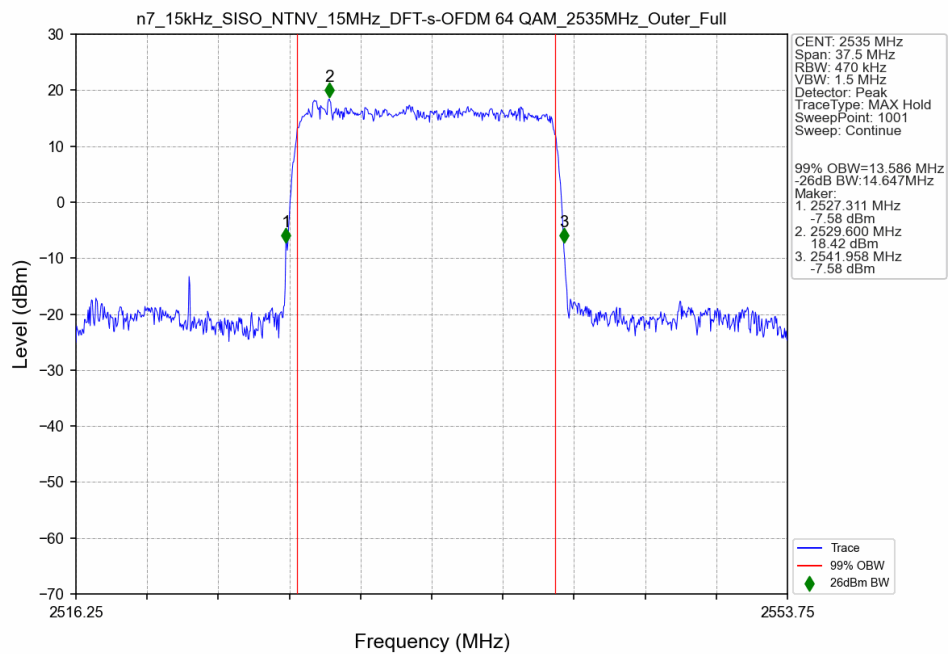
3.2.3 15_S_15M_NTNV



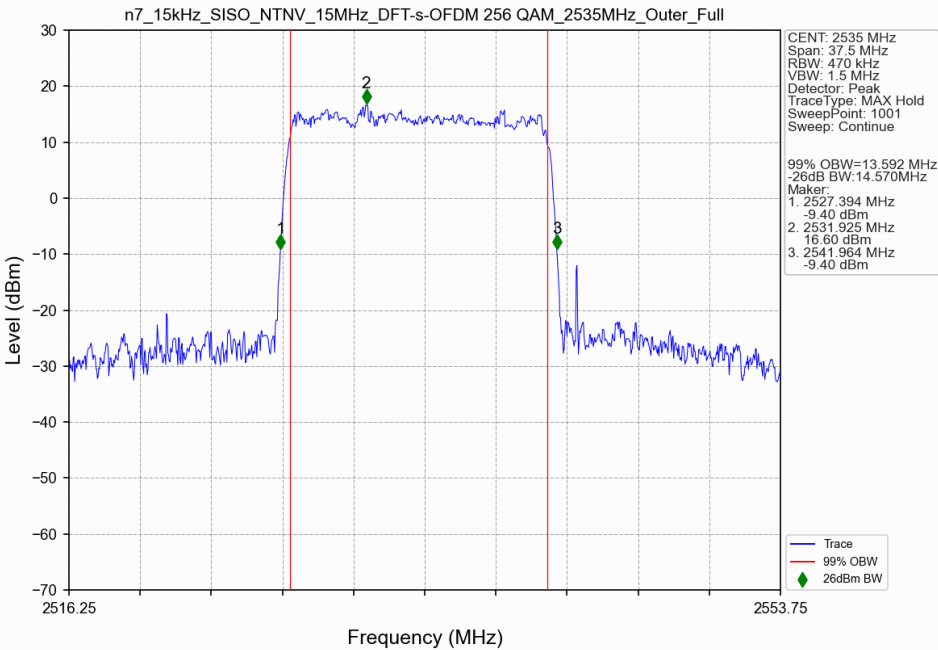
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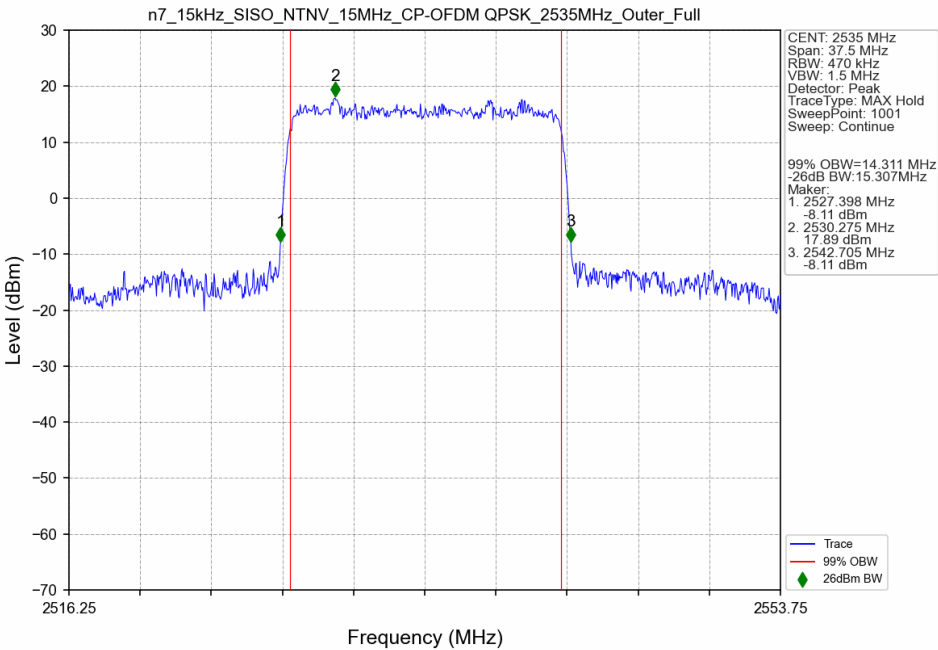
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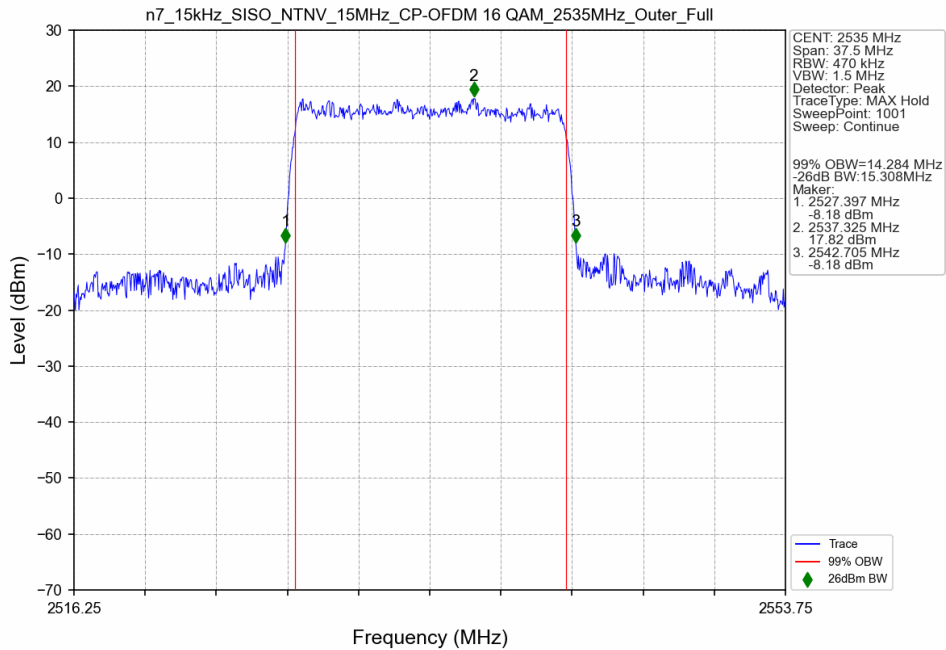
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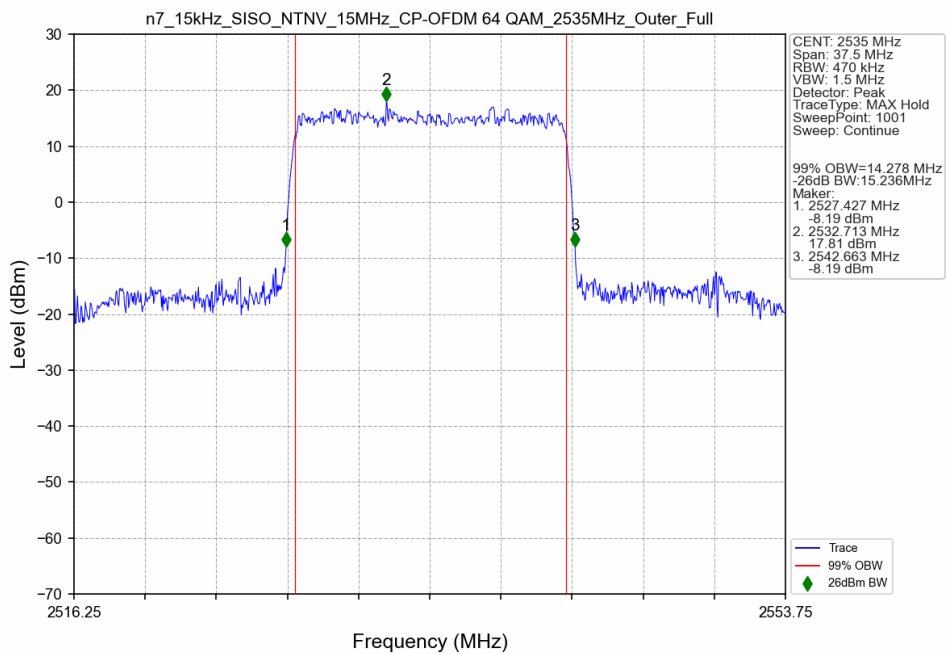
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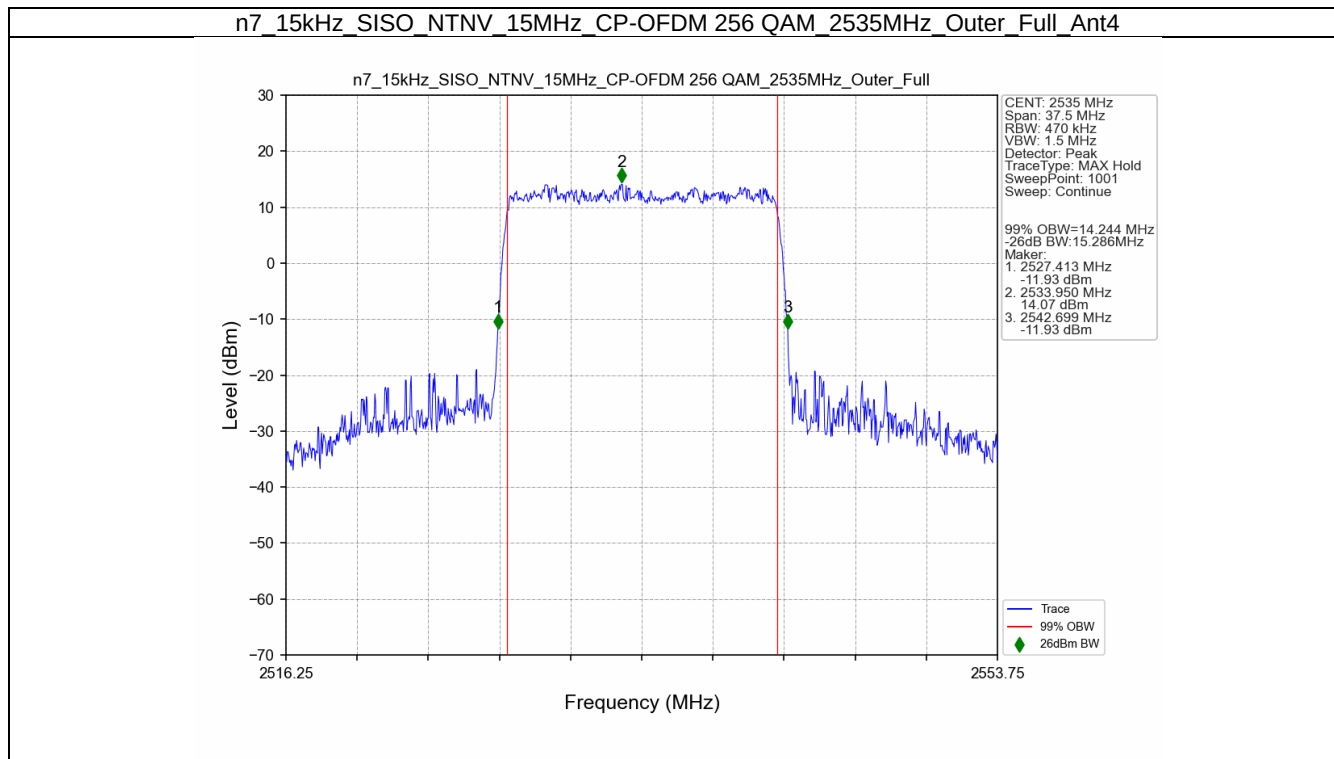


n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant4

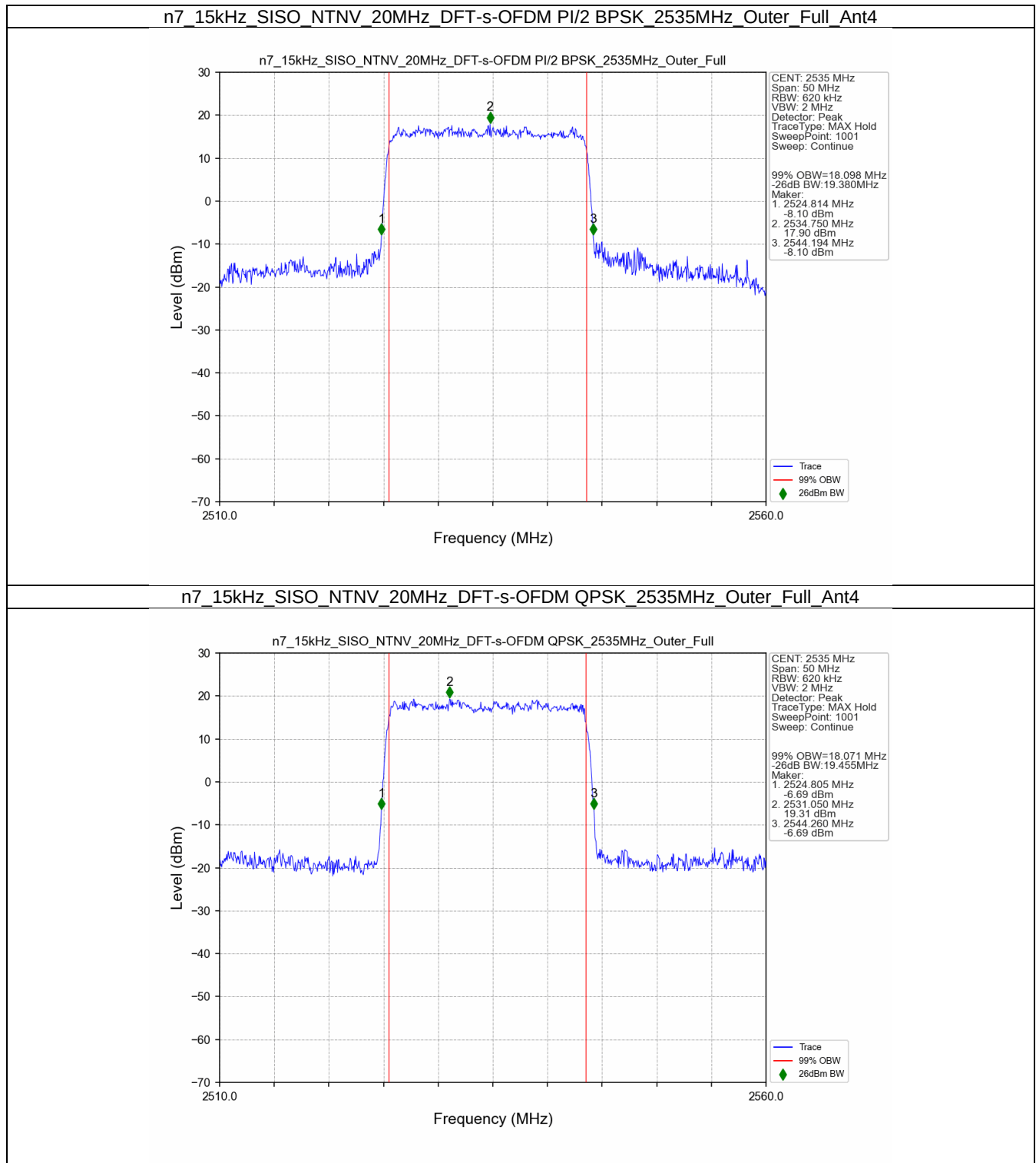


n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant4

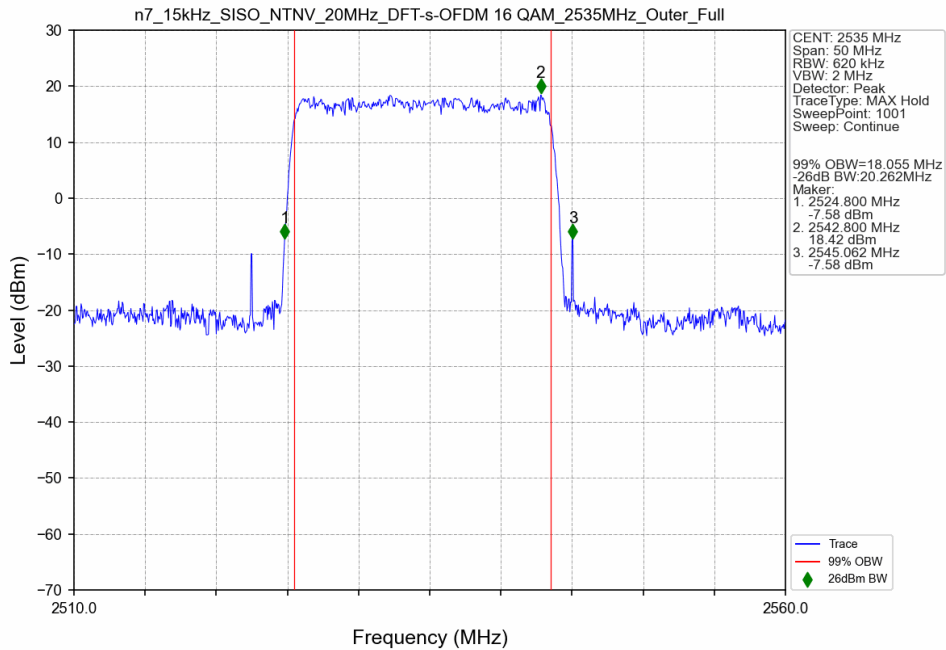




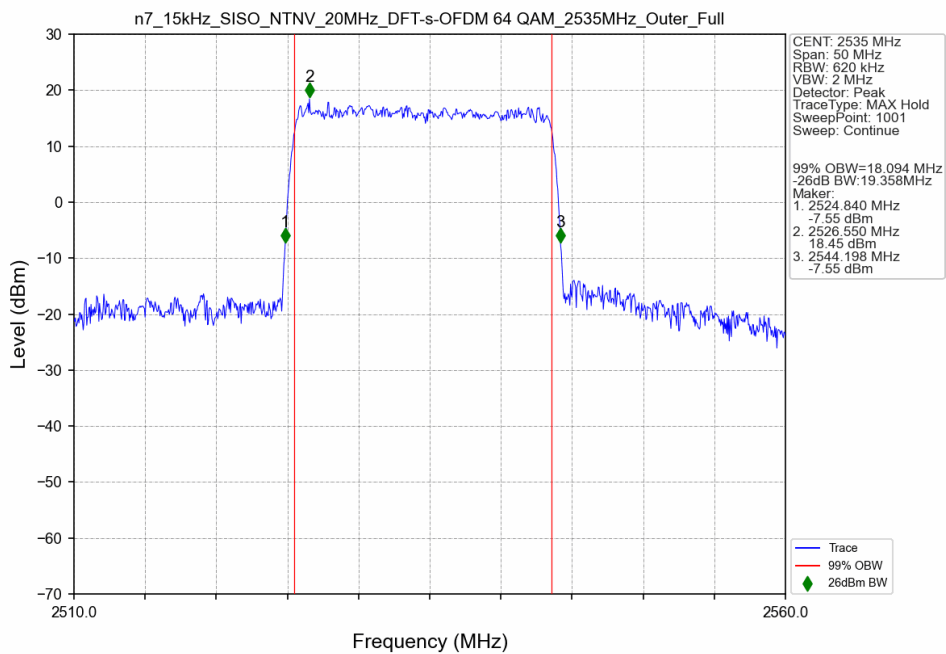
3.2.4 15_S_20M_NTNV



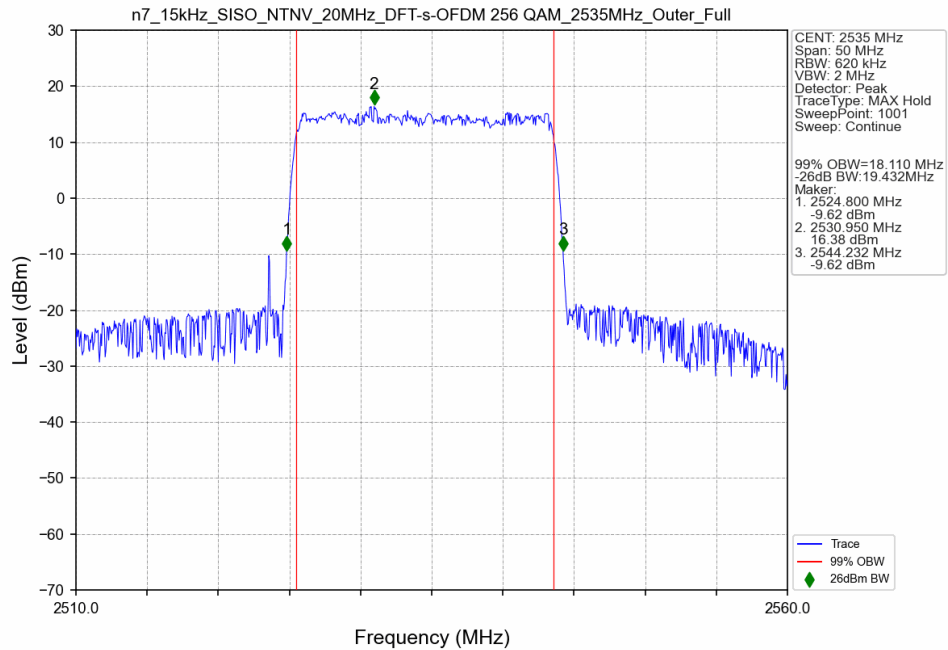
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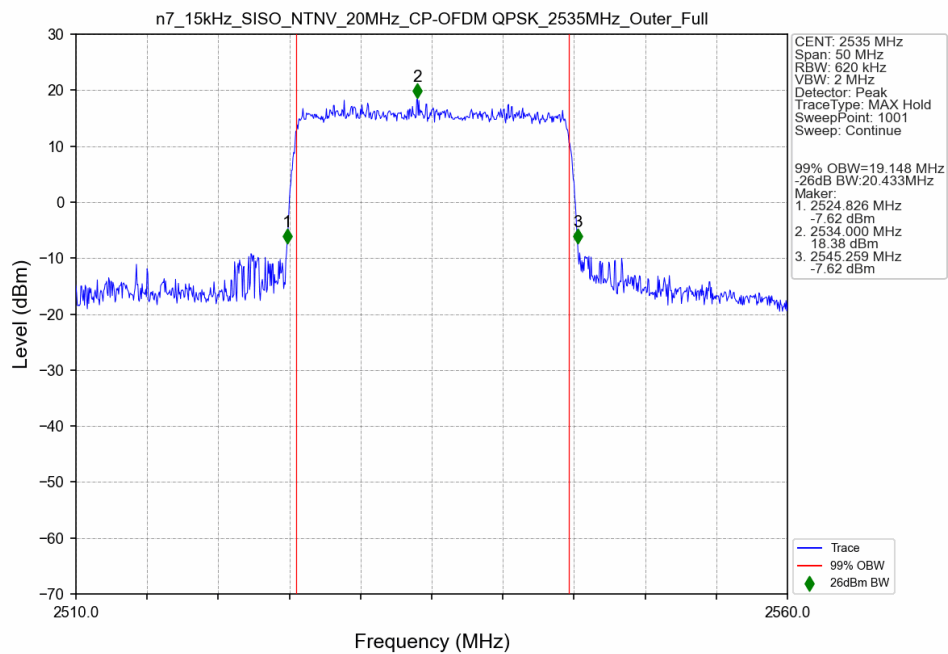
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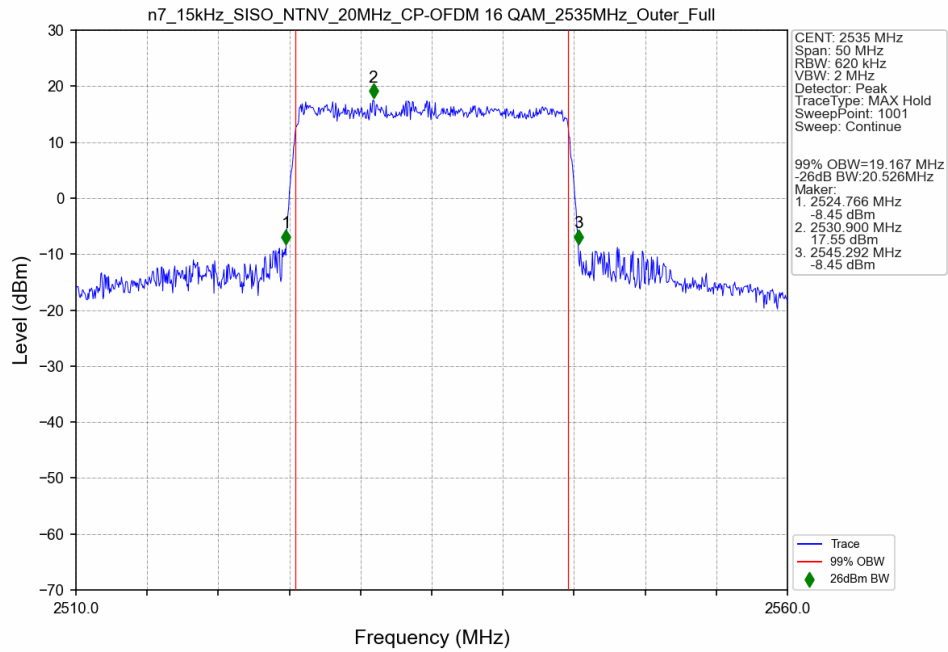
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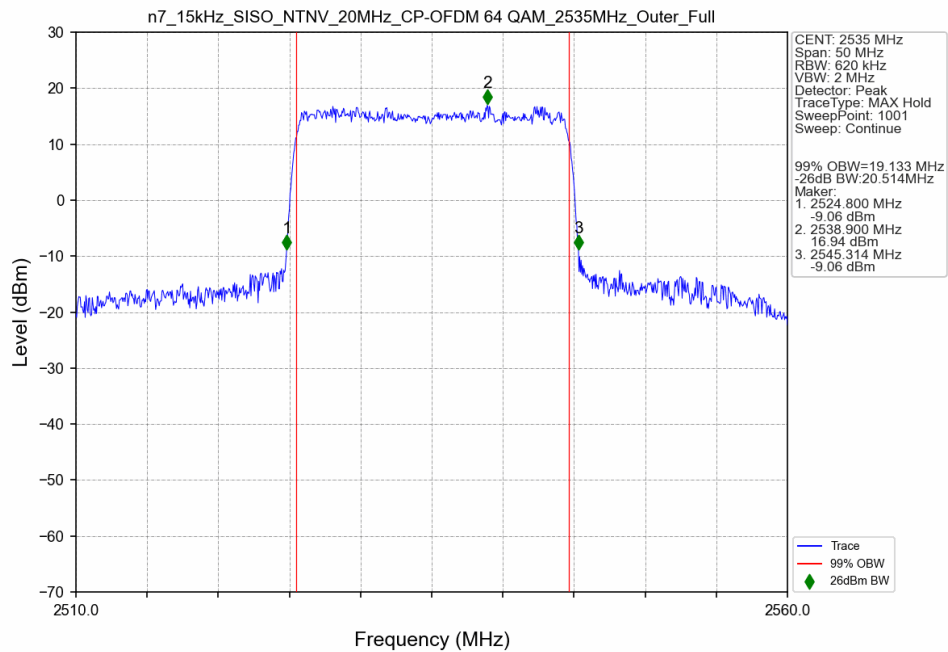
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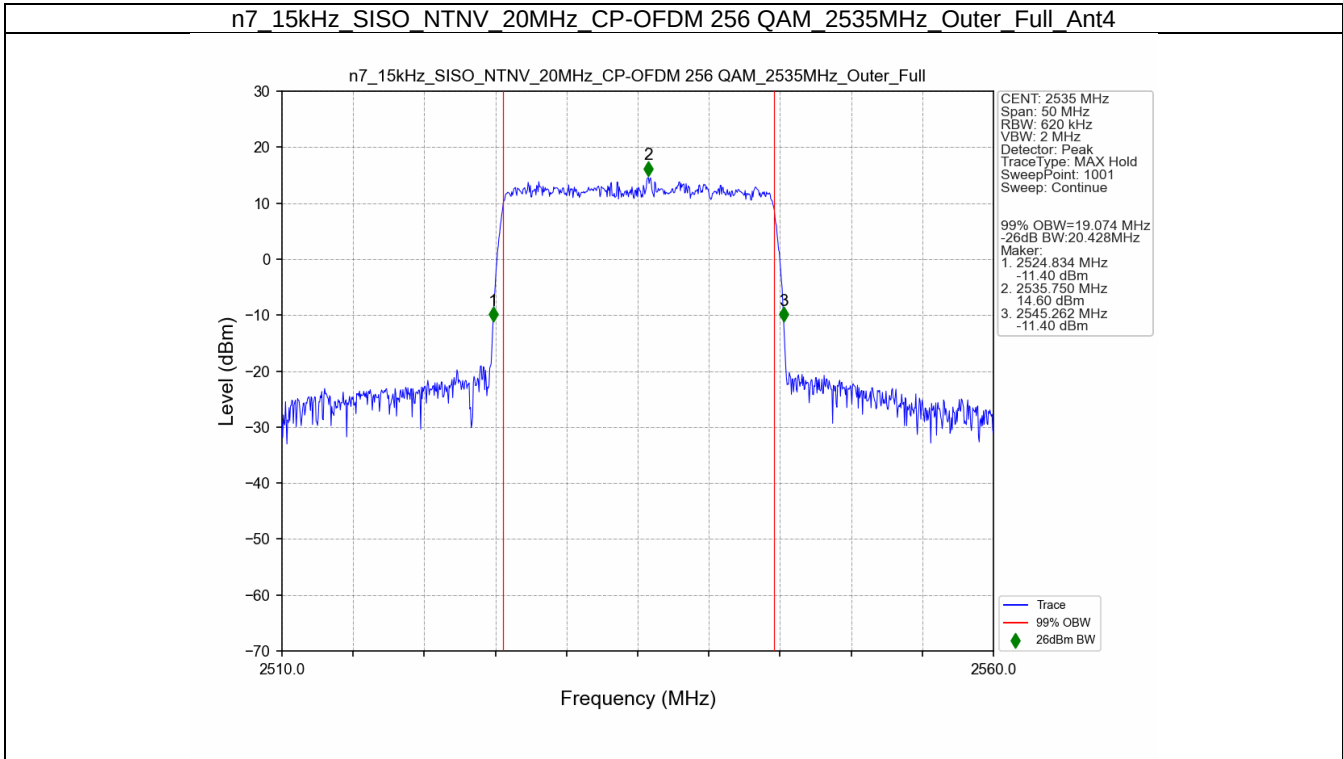


n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant4

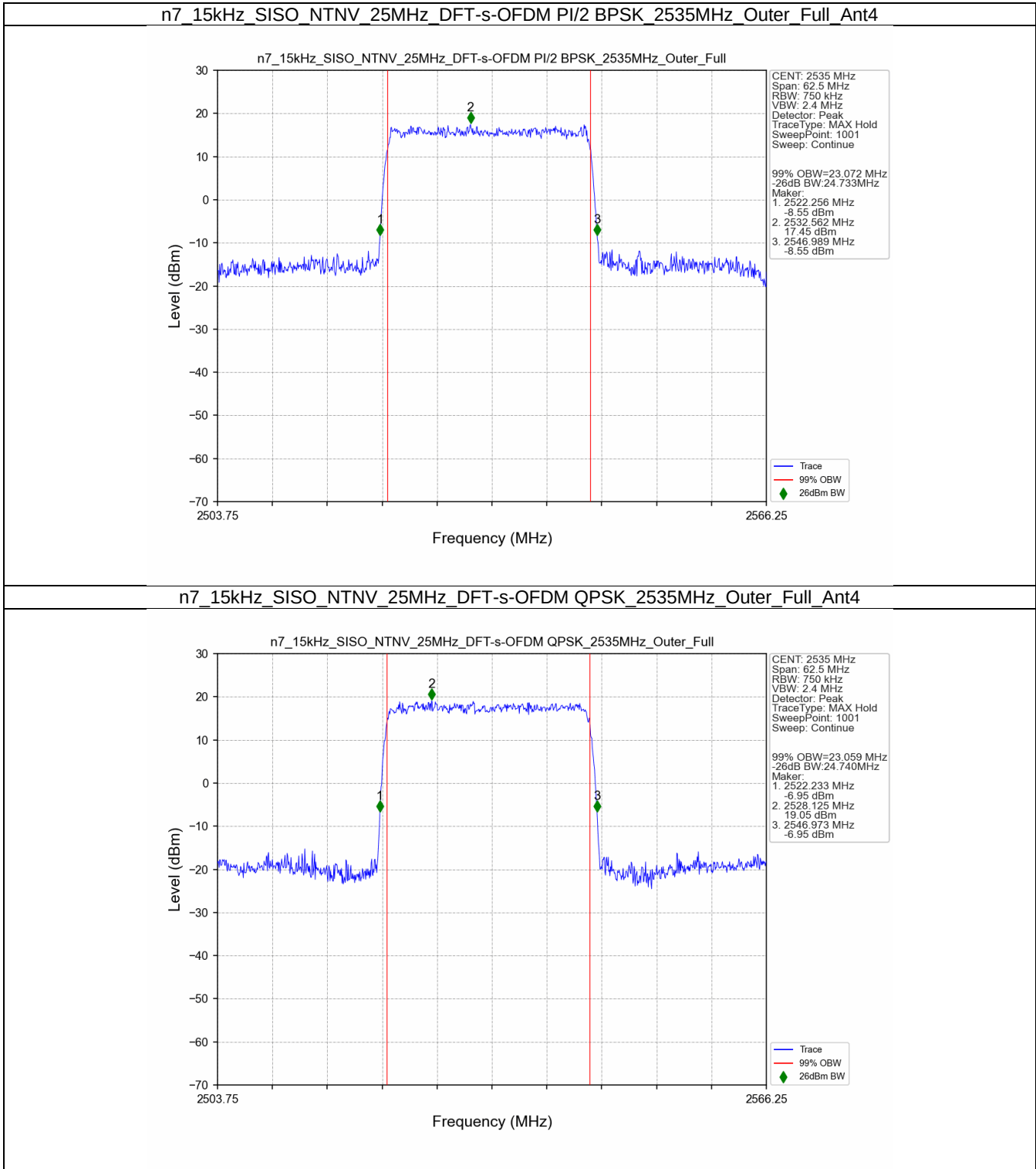


n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant4

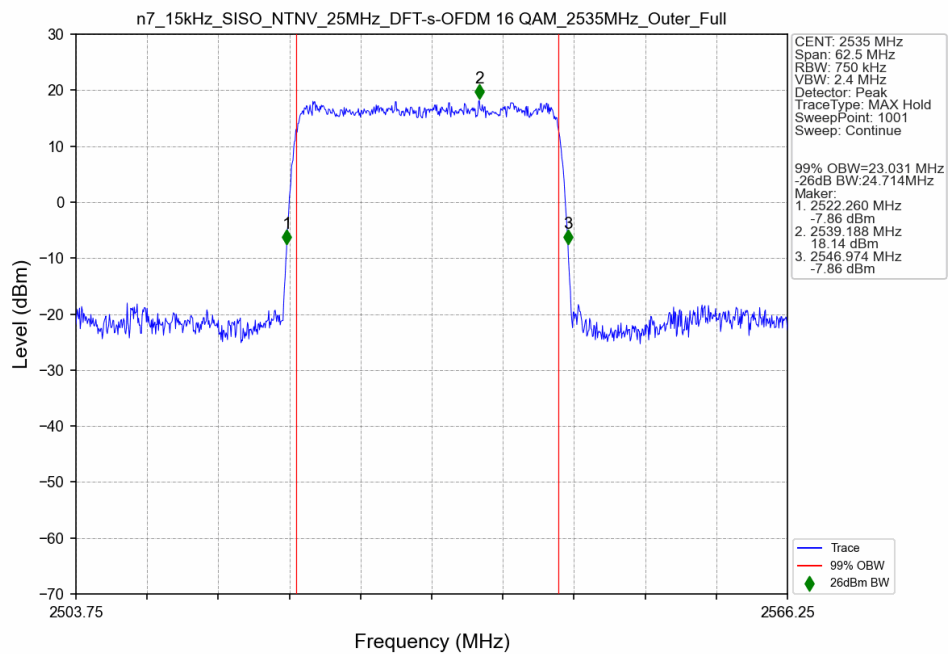




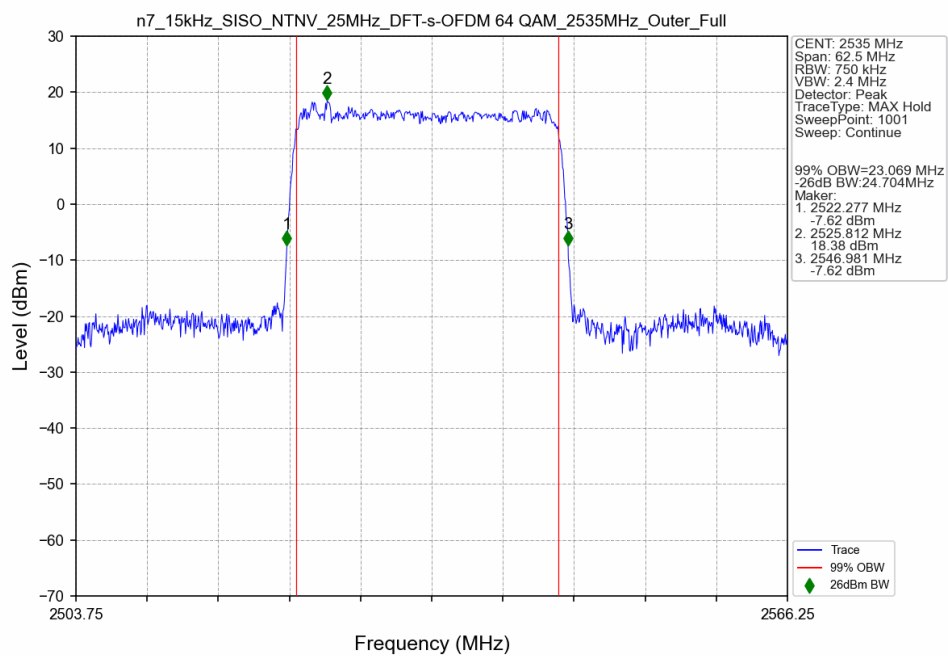
3.2.5 15_S_25M_NTNV



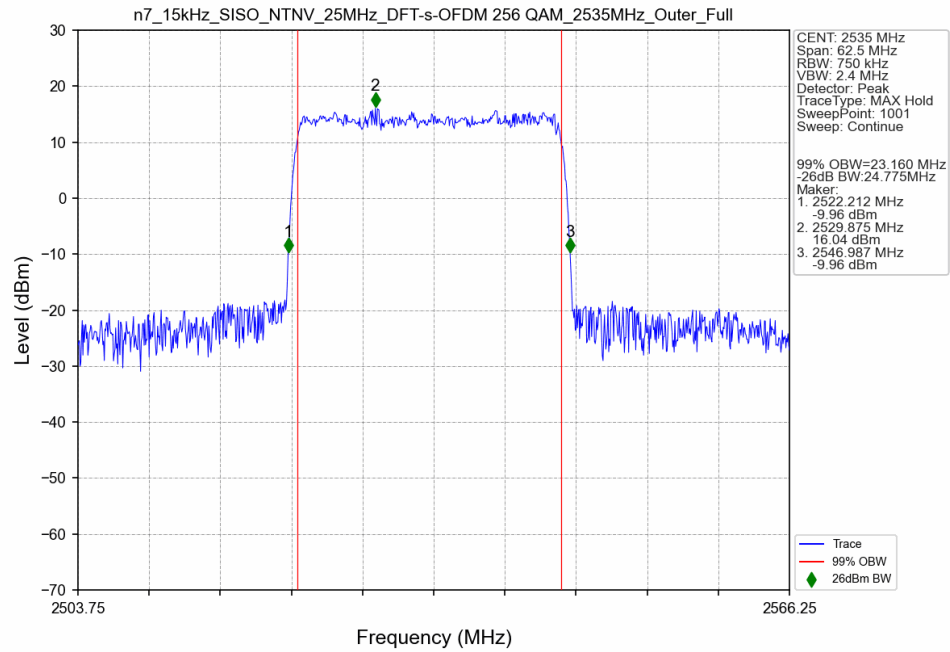
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 16 QAM_2535MHz_Outer_Full_Ant4



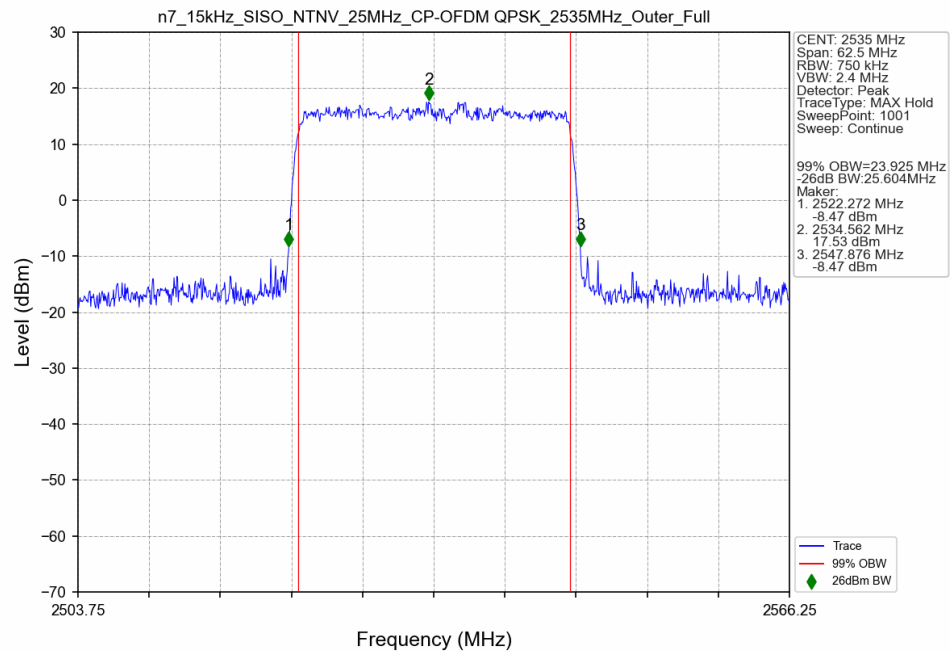
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant4



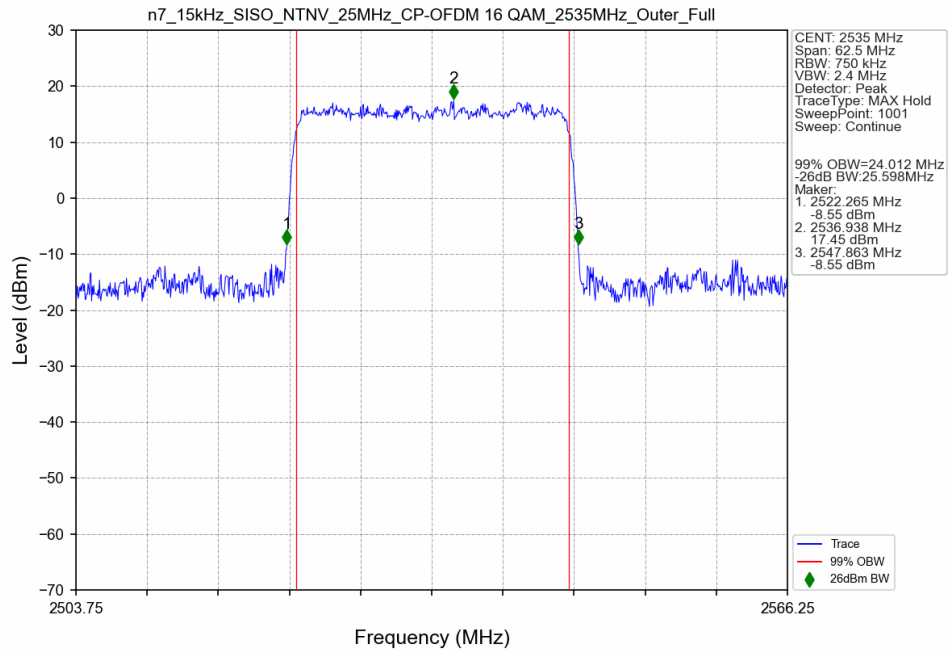
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256 QAM_2535MHz_Outer_Full_Ant4



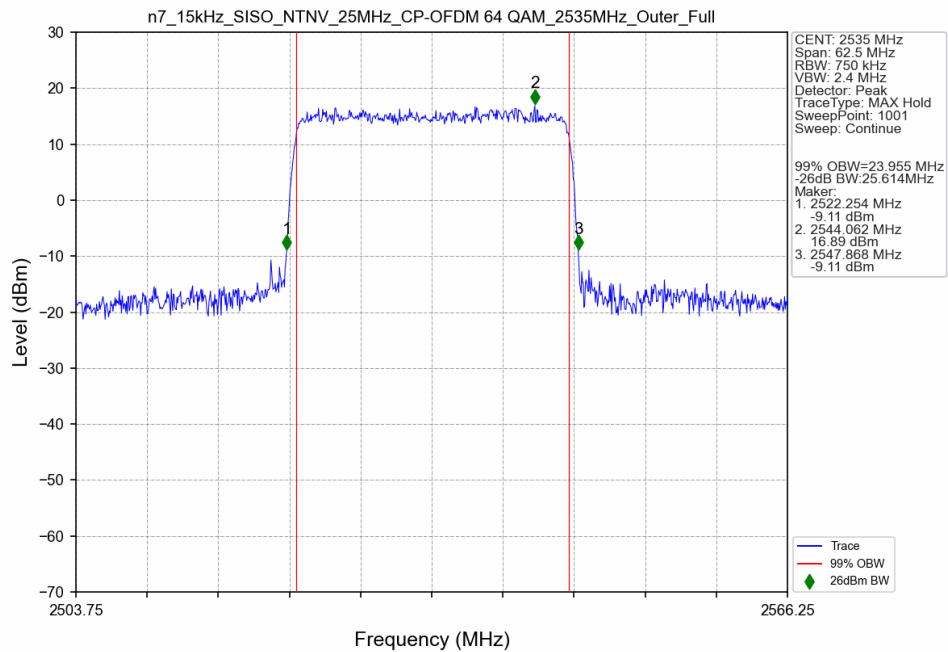
n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2535MHz_Outer_Full_Ant4

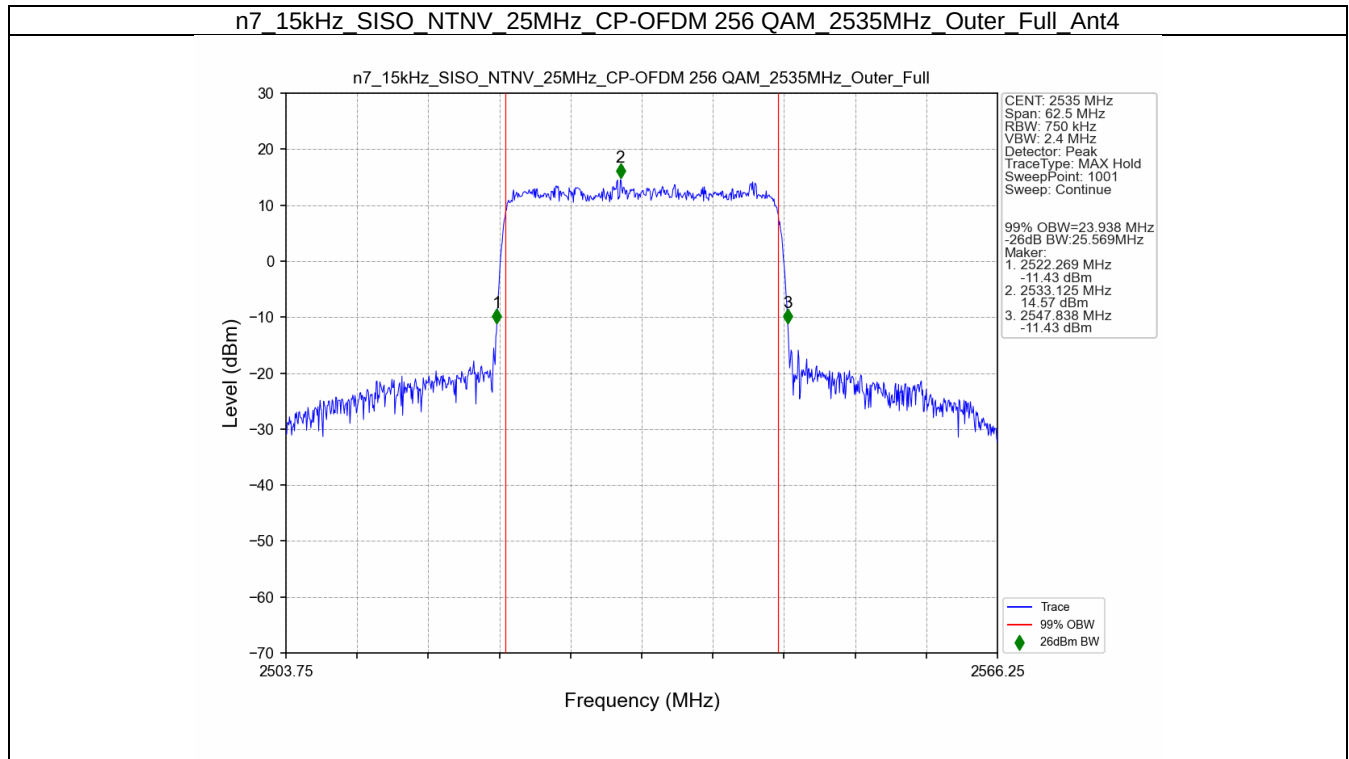


n7_15kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant4

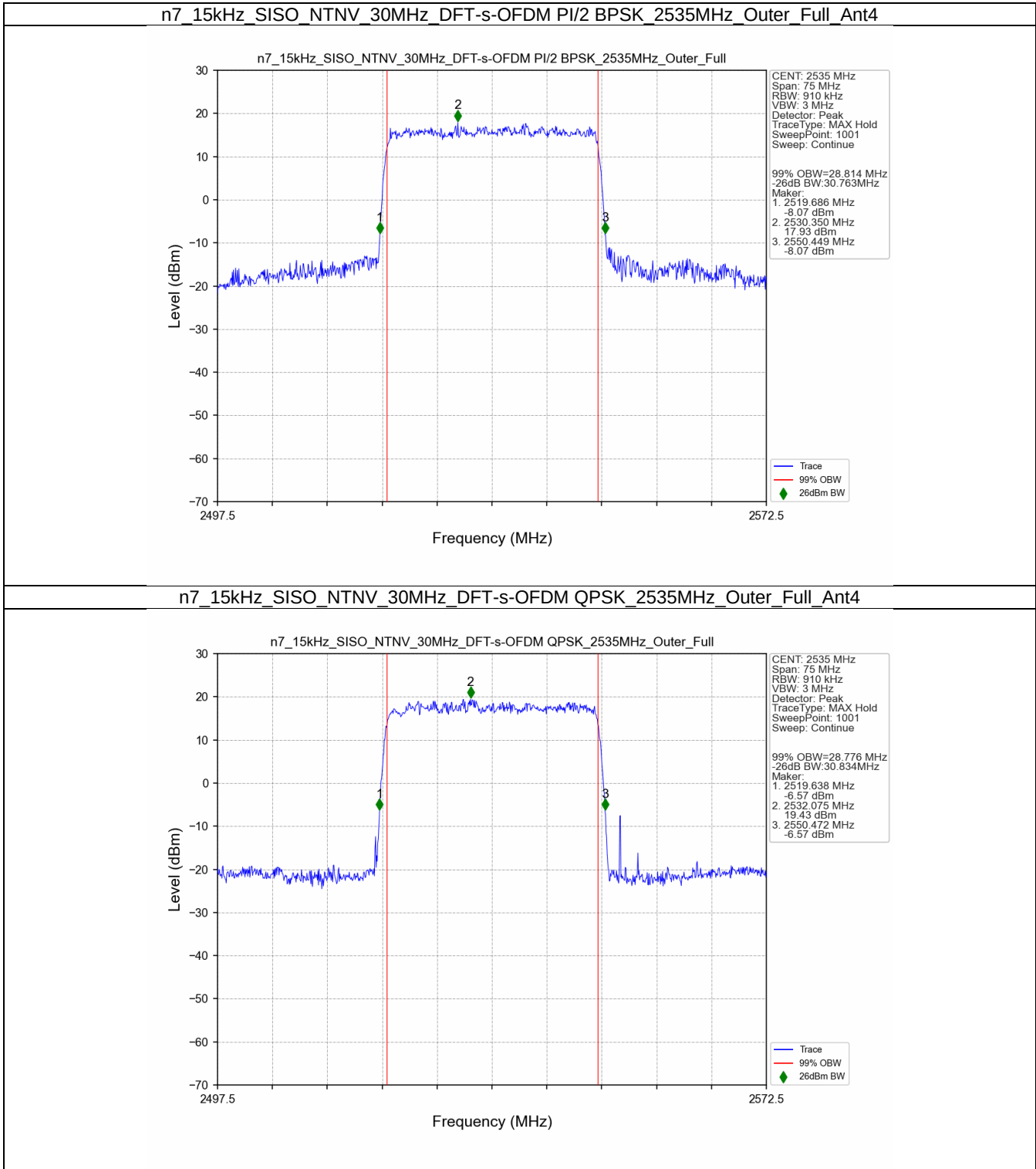


n7_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant4

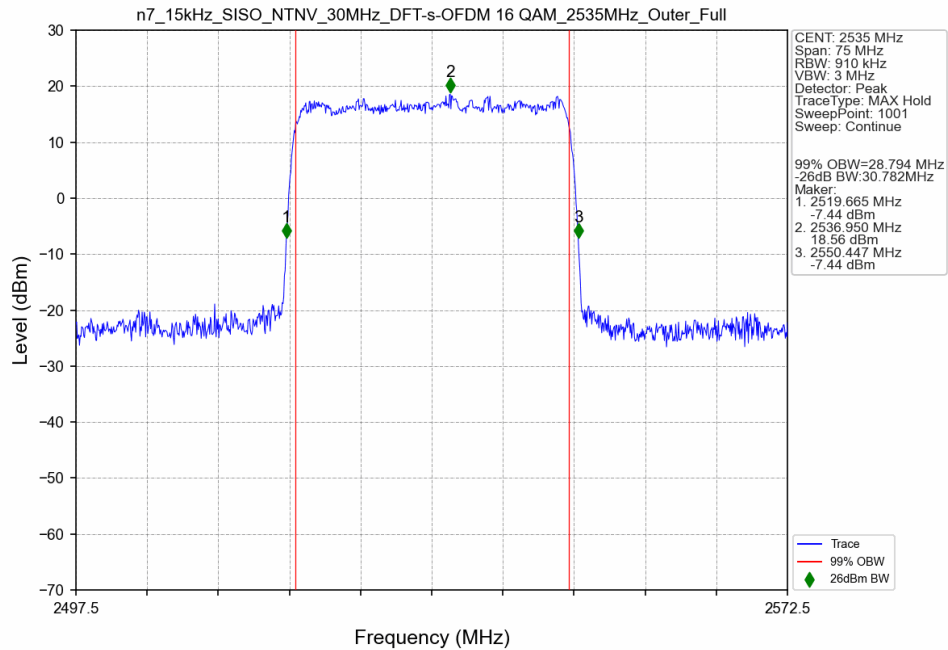




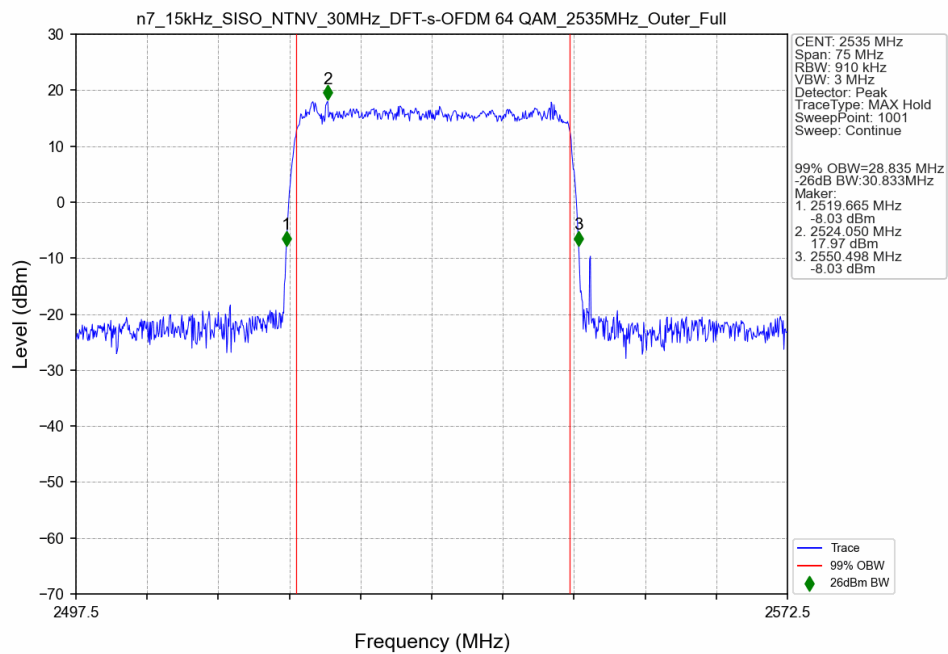
3.2.6 15_S_30M_NTNV



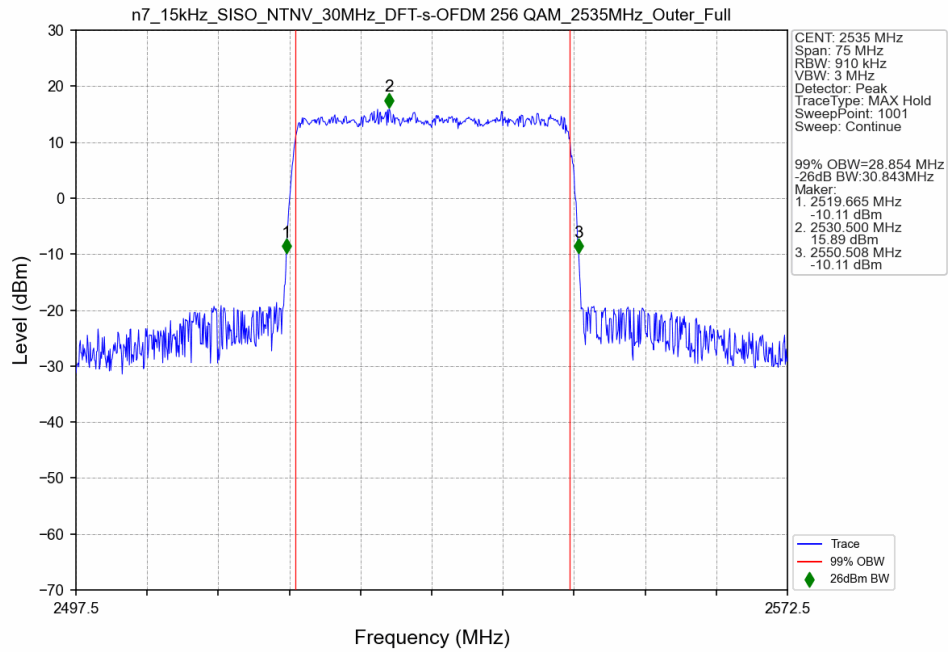
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM 2535MHz_Outer_Full_Ant4



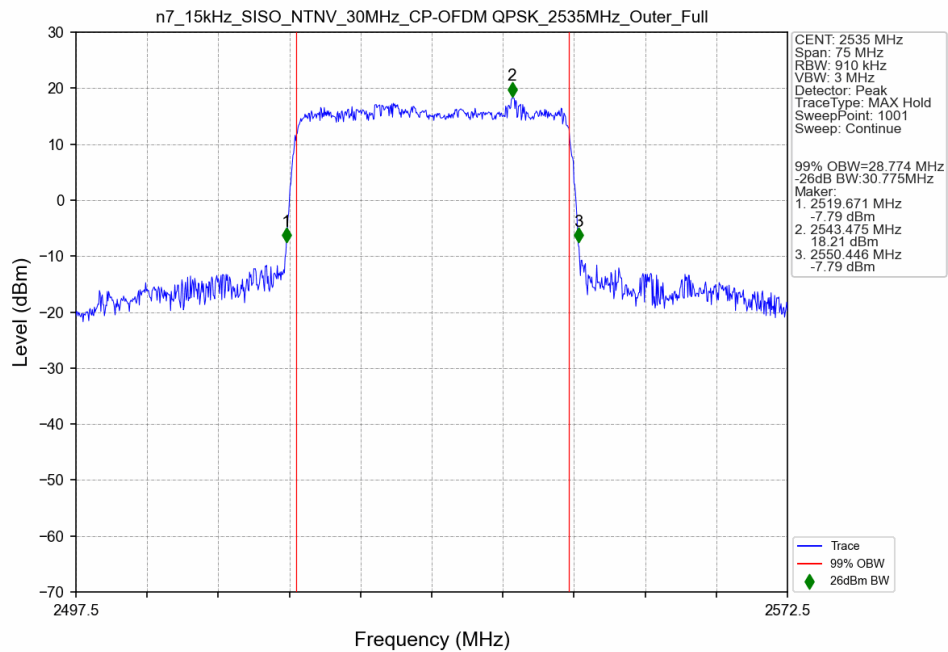
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM 2535MHz_Outer_Full_Ant4



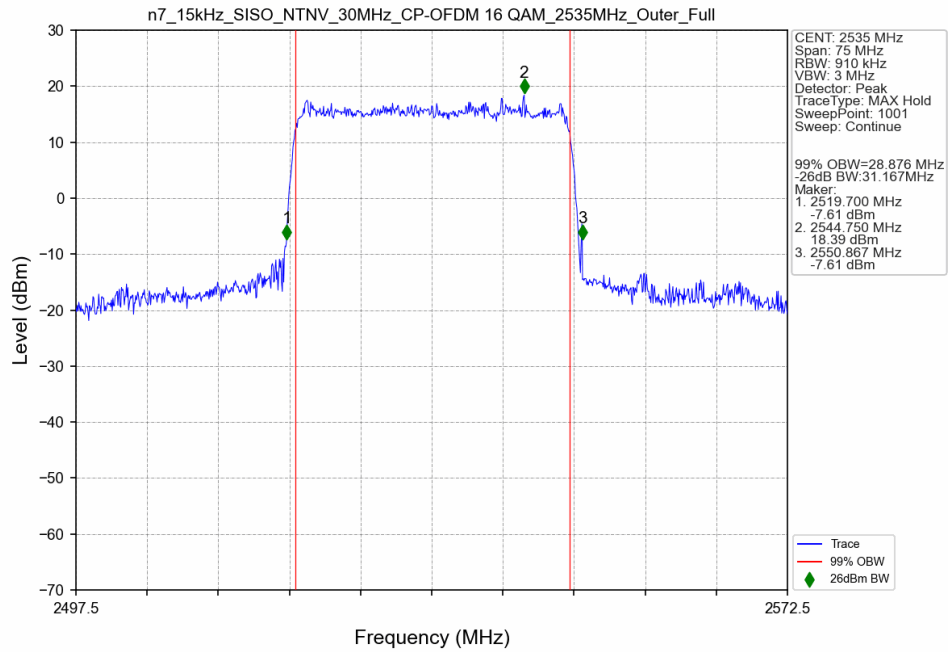
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256 QAM_2535MHz_Outer_Full_Ant4



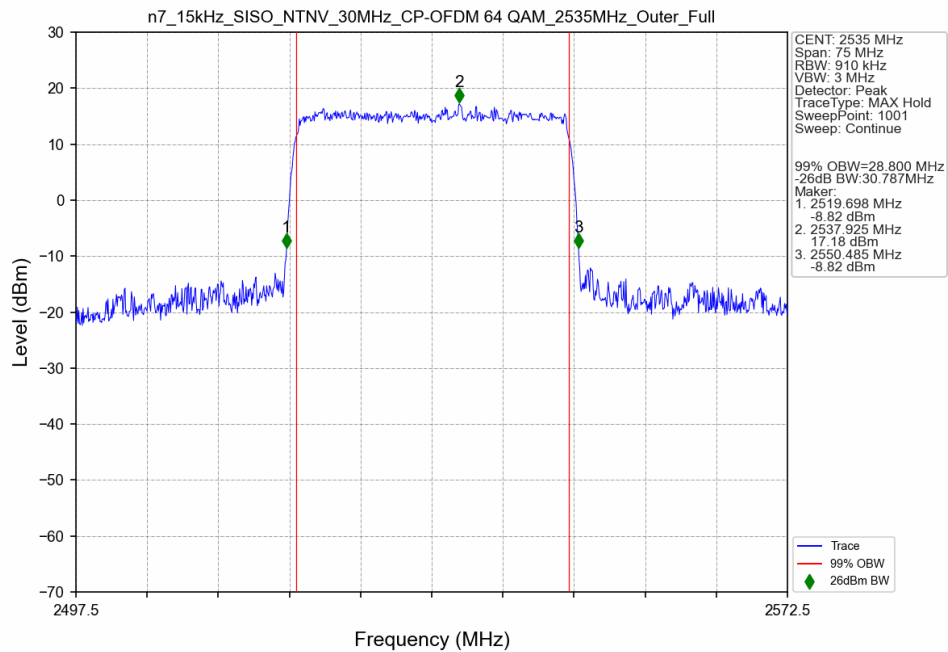
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2535MHz_Outer_Full_Ant4

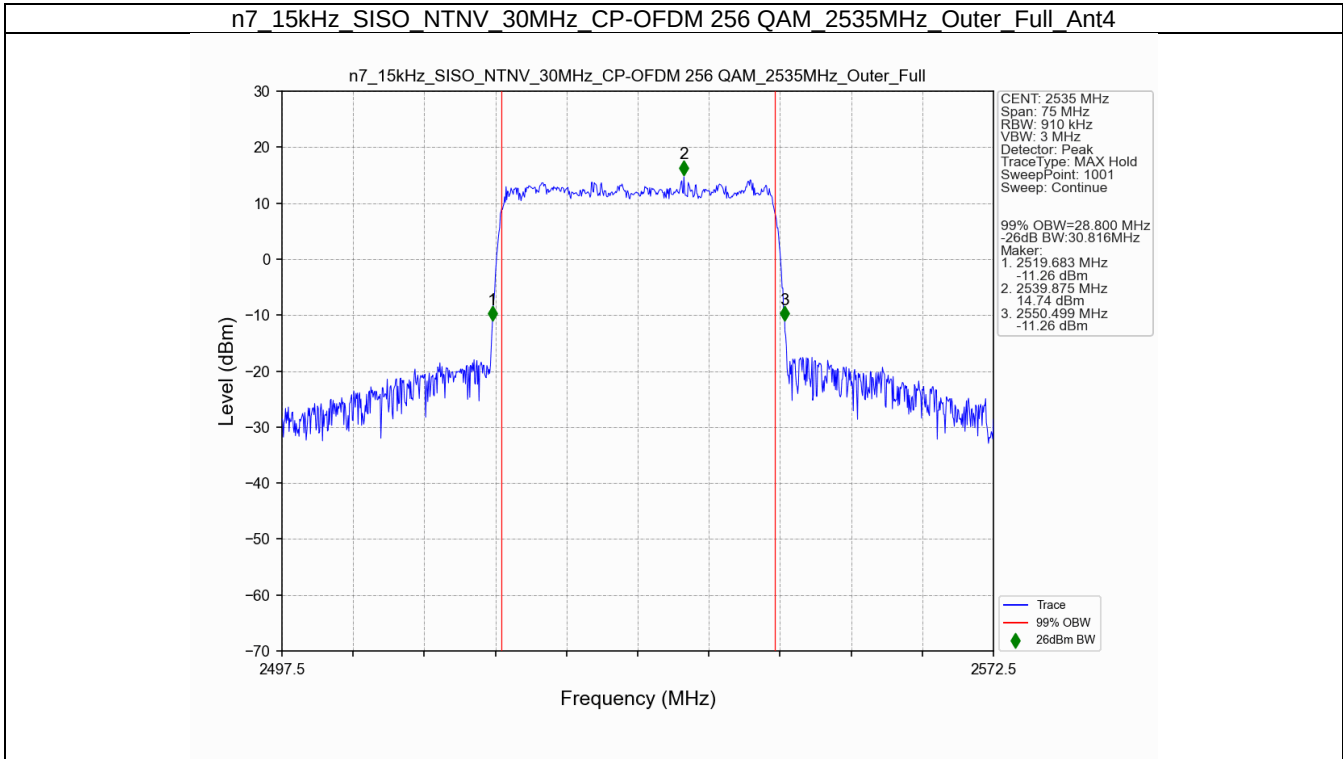


n7_15kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant4

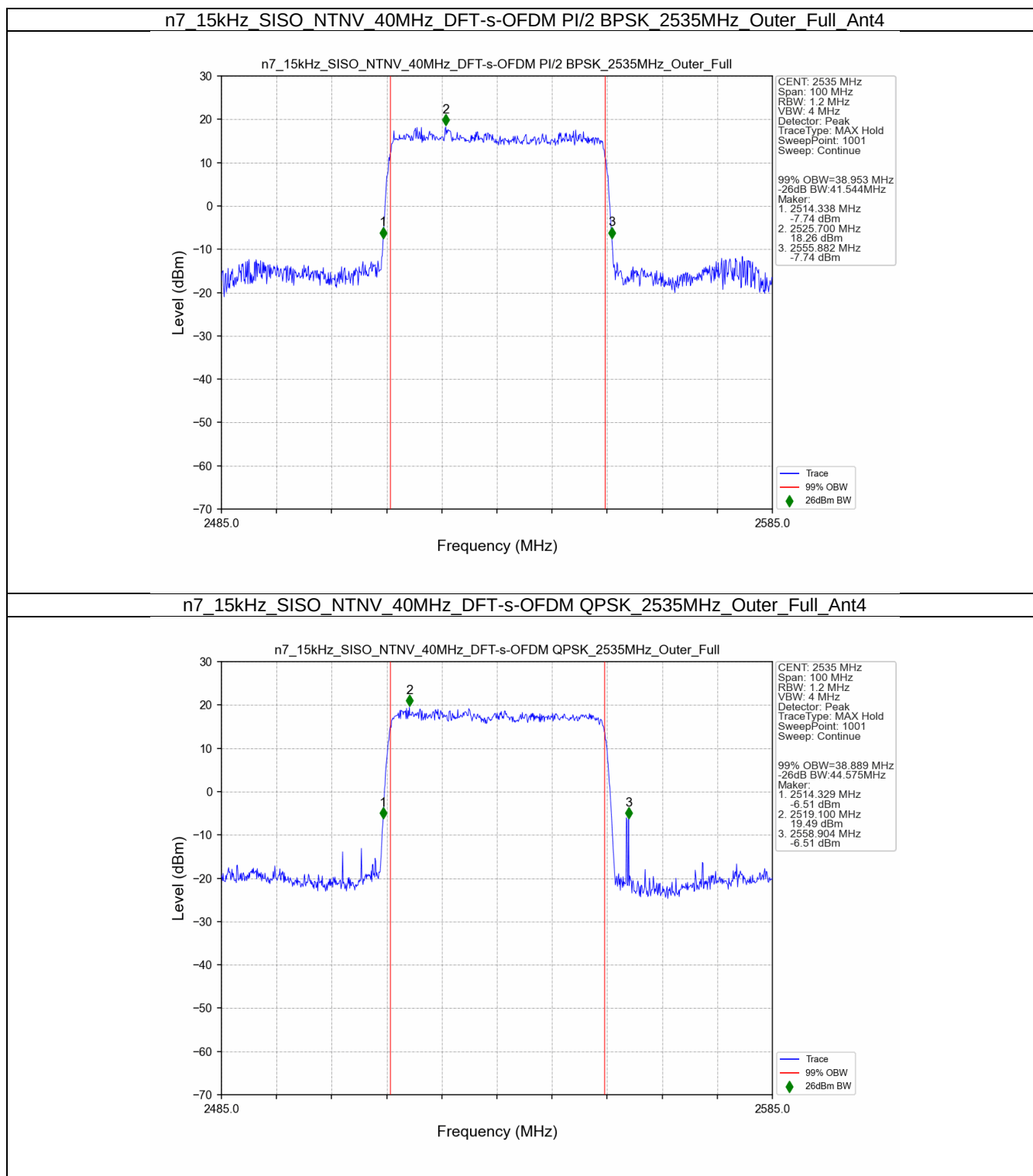


n7_15kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant4

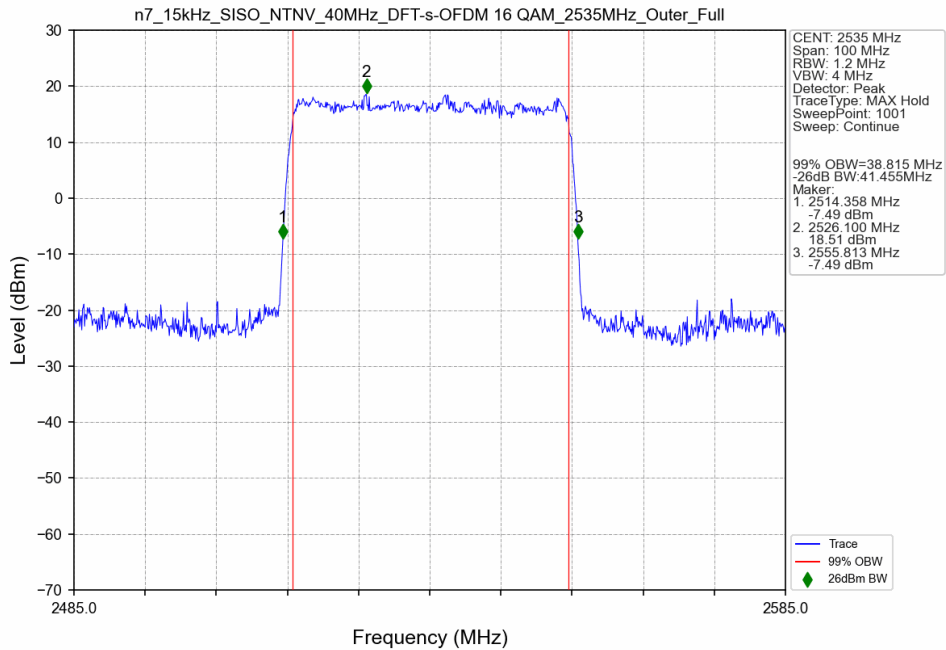




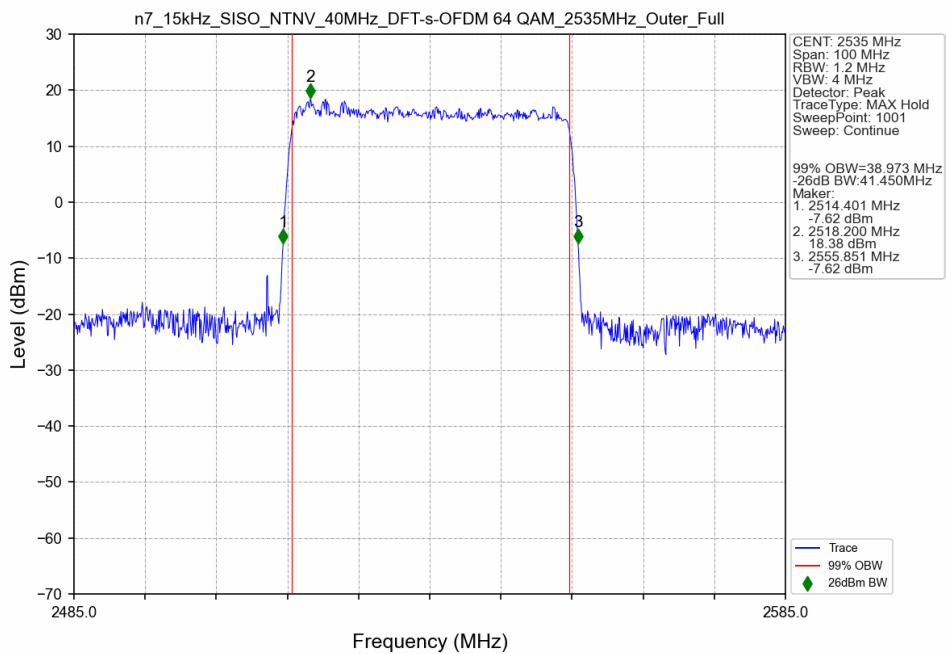
3.2.7 15_S_40M_NTNV



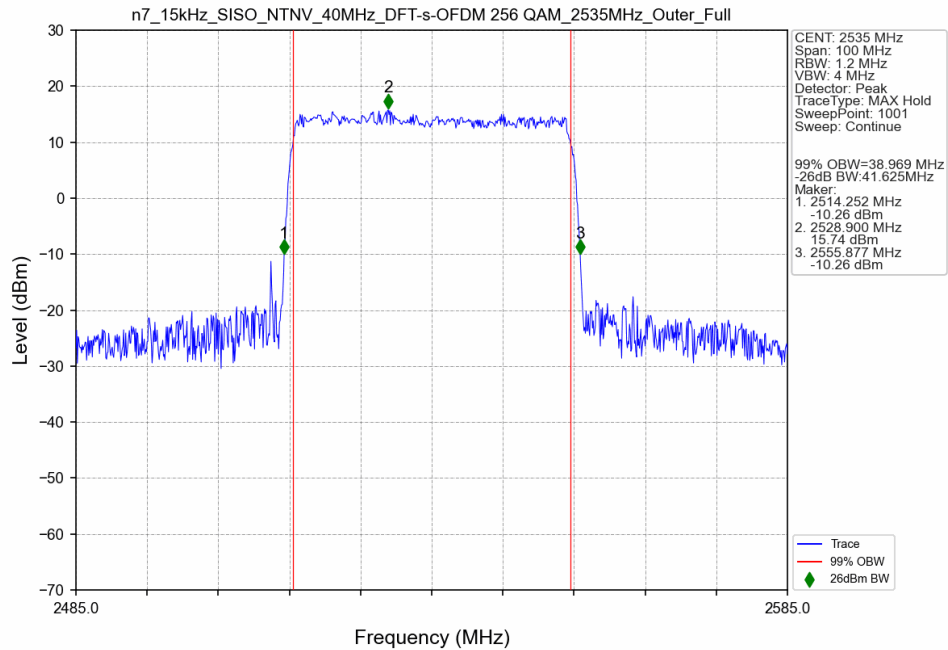
n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM 2535MHz_Outer_Full_Ant4



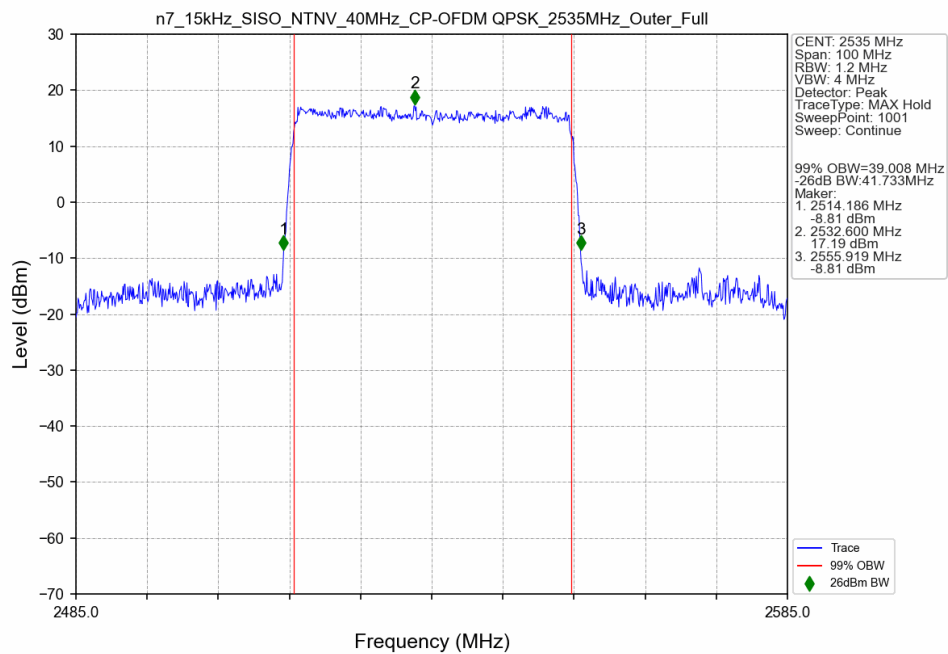
n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM 2535MHz_Outer_Full_Ant4



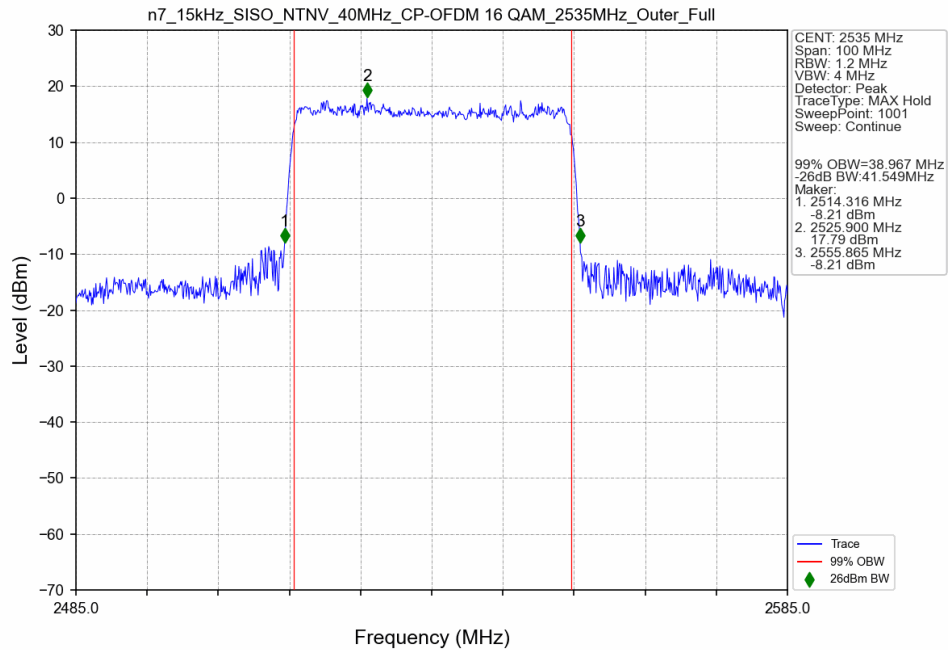
n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256 QAM_2535MHz_Outer_Full_Ant4



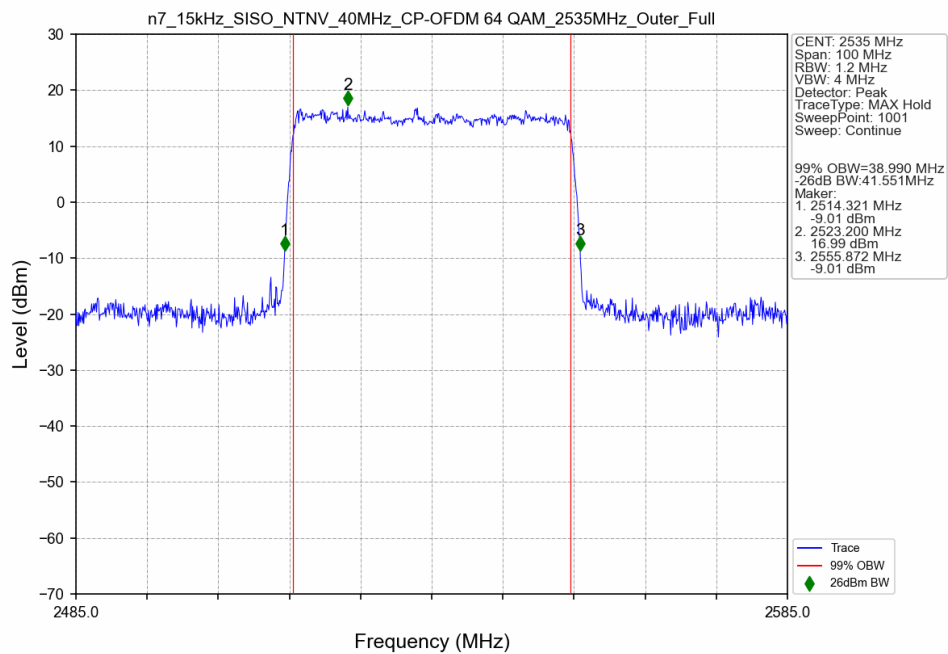
n7_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2535MHz_Outer_Full_Ant4

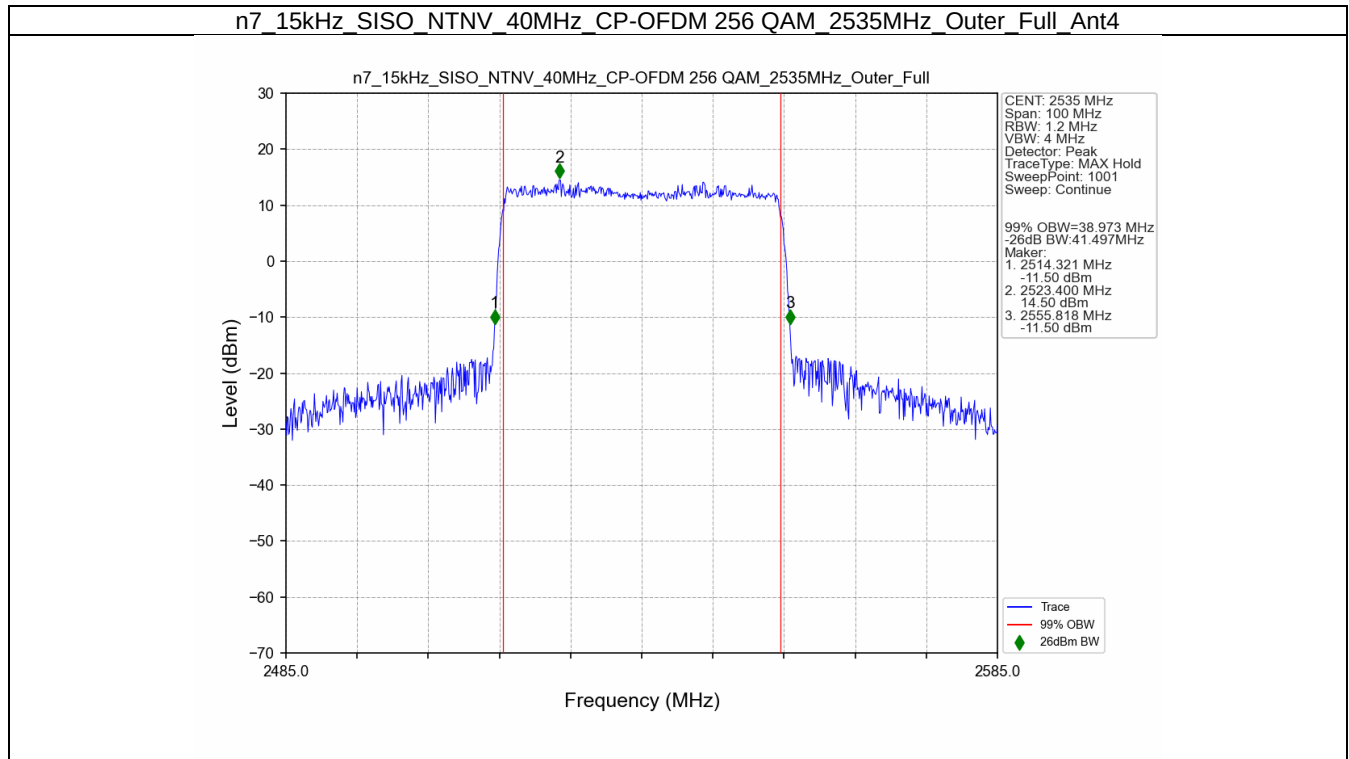


n7_15kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant4

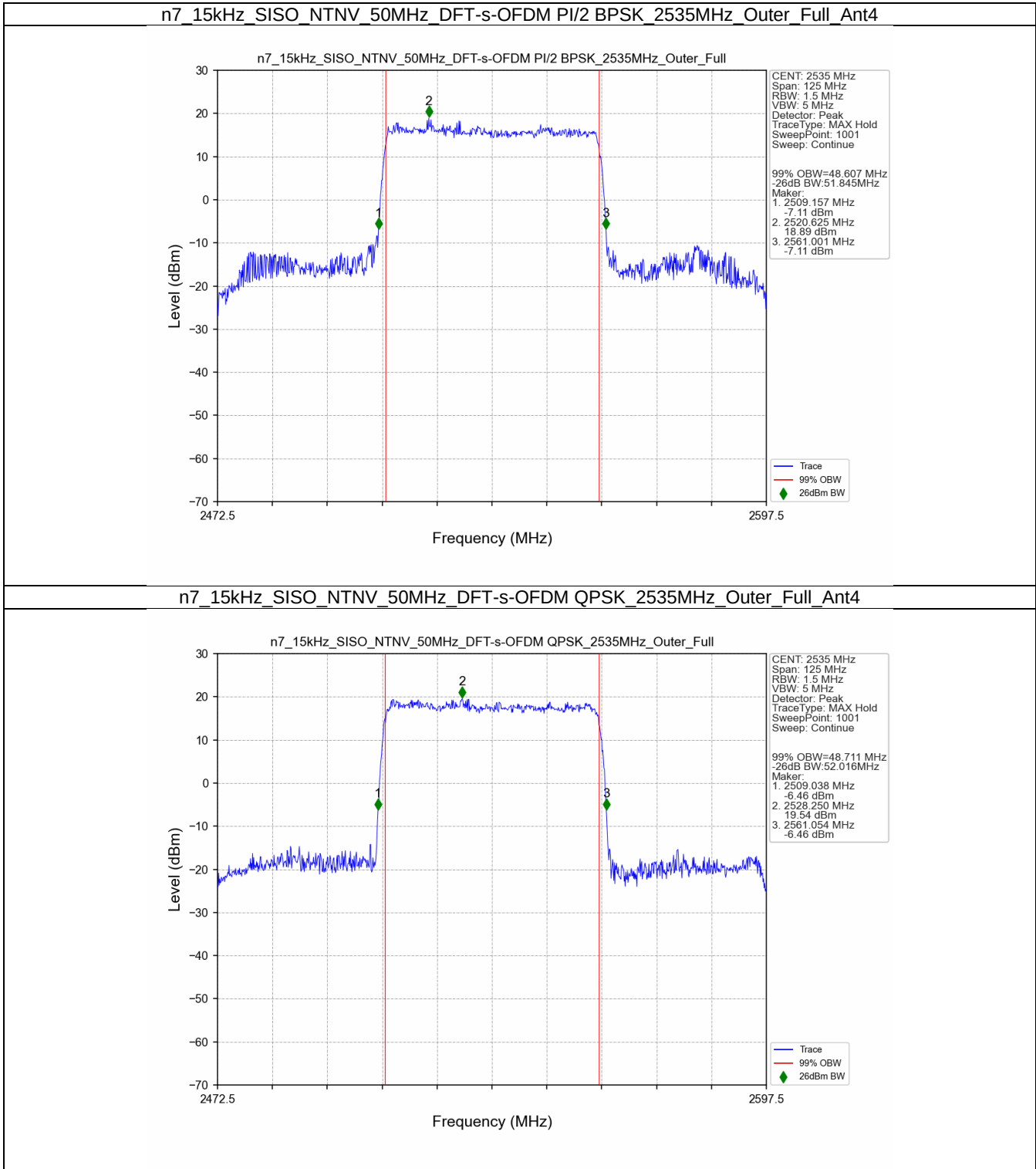


n7_15kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant4

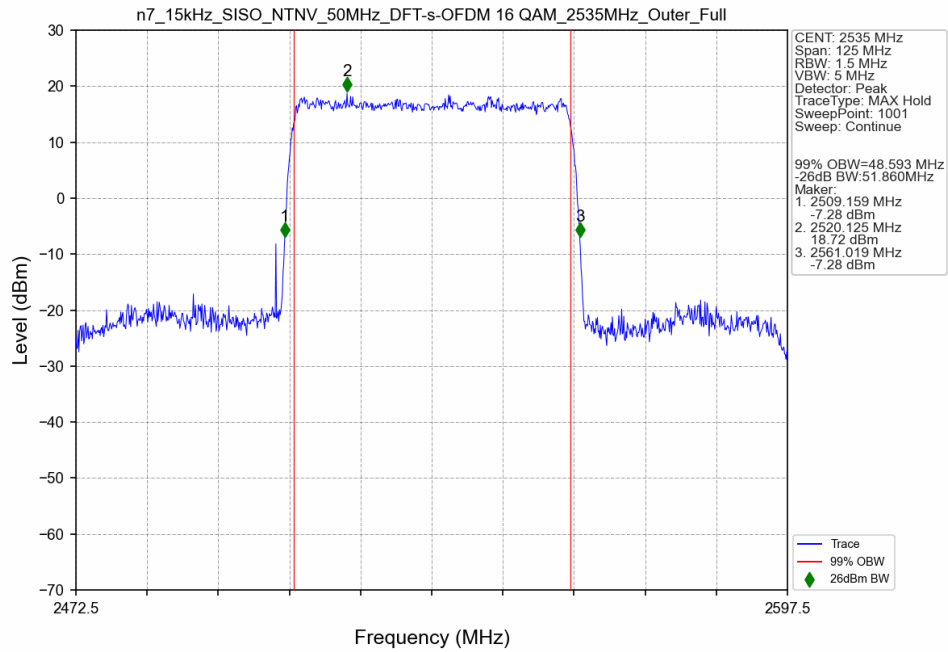




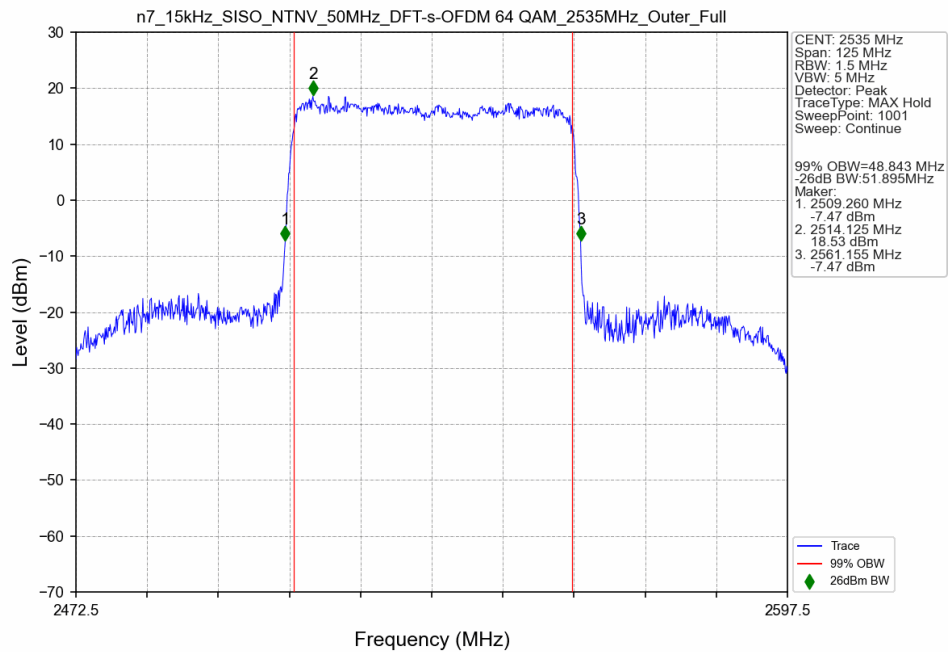
3.2.8 15_S_50M_NTNV



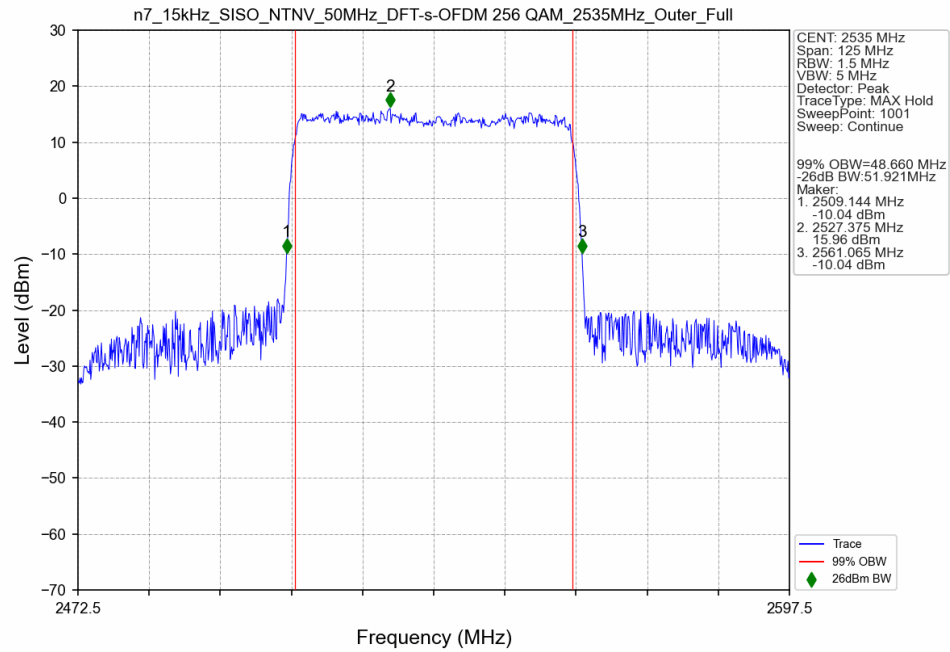
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM 2535MHz_Outer_Full_Ant4



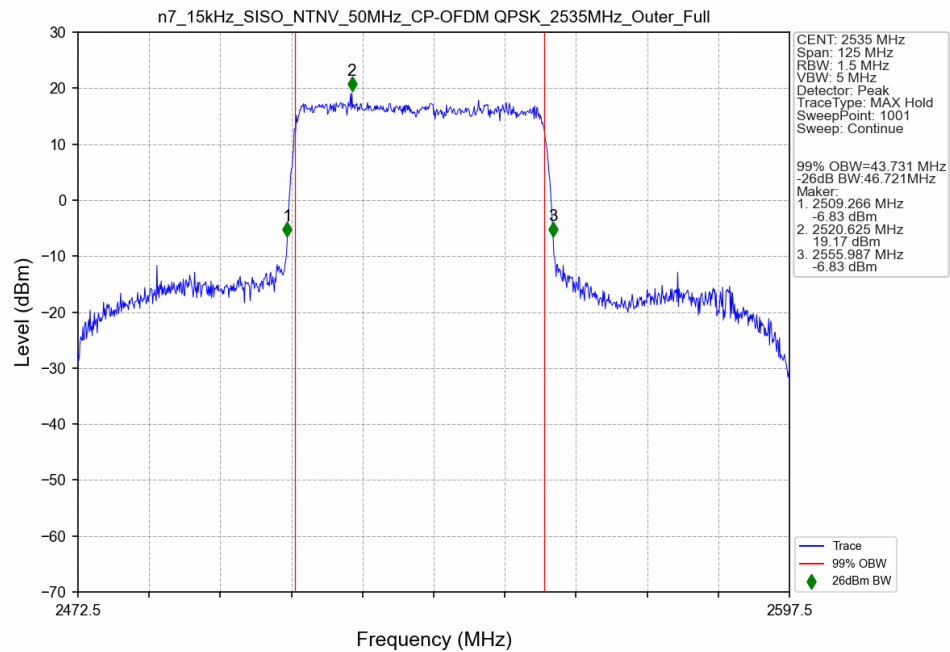
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM 2535MHz_Outer_Full_Ant4



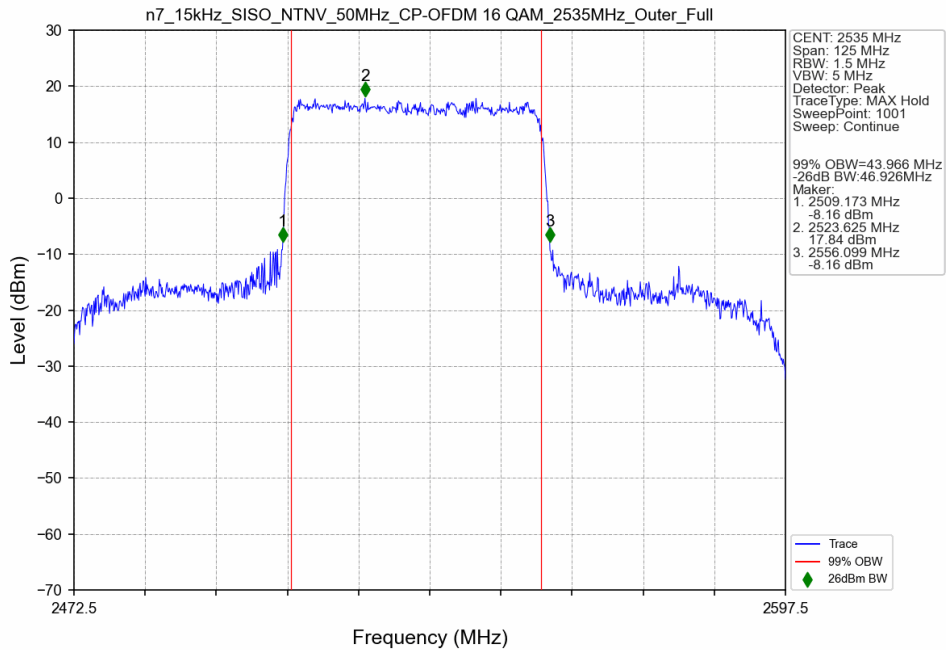
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256 QAM_2535MHz_Outer_Full_Ant4



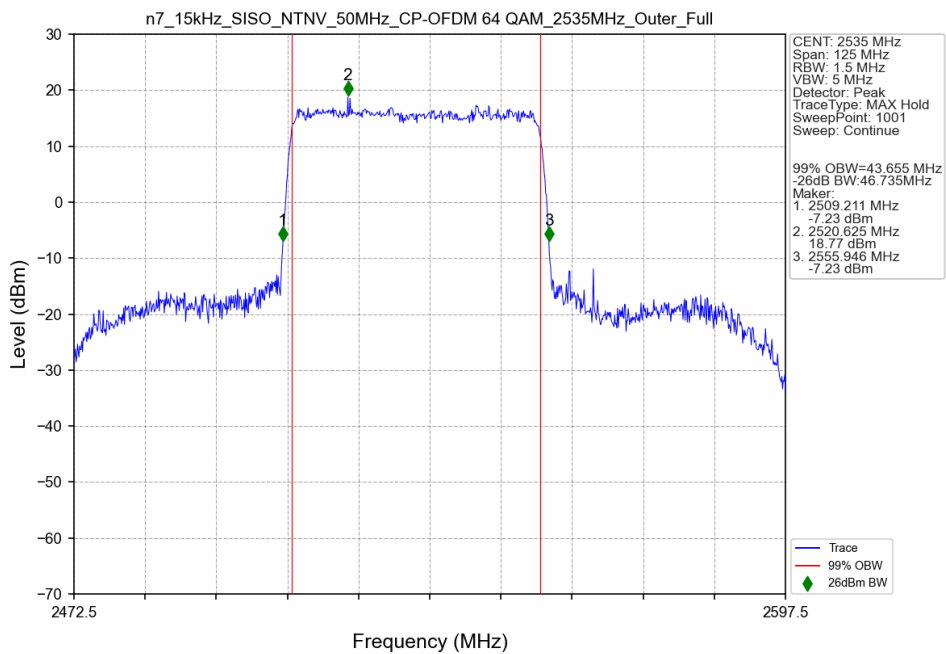
n7_15kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2535MHz_Outer_Full_Ant4

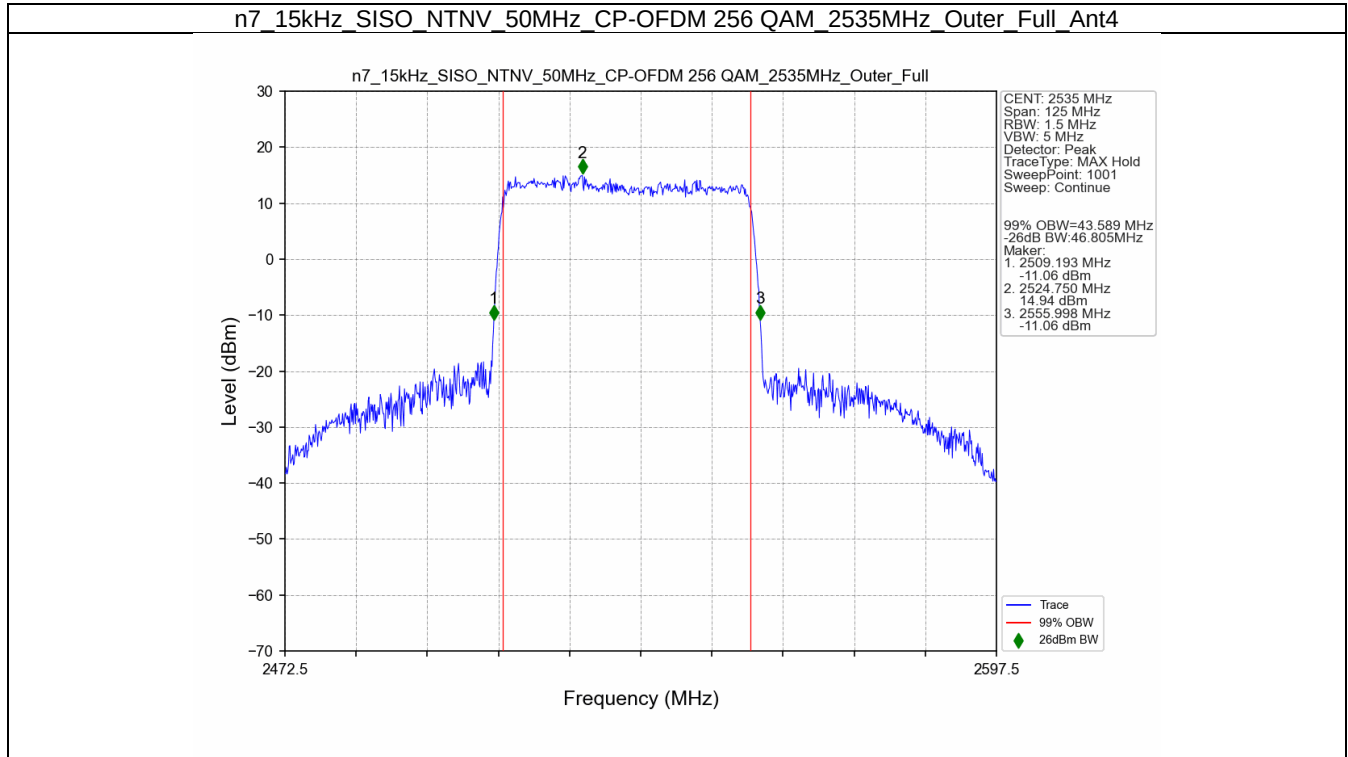


n7_15kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant4



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant4





4. Peak-Average Ratio

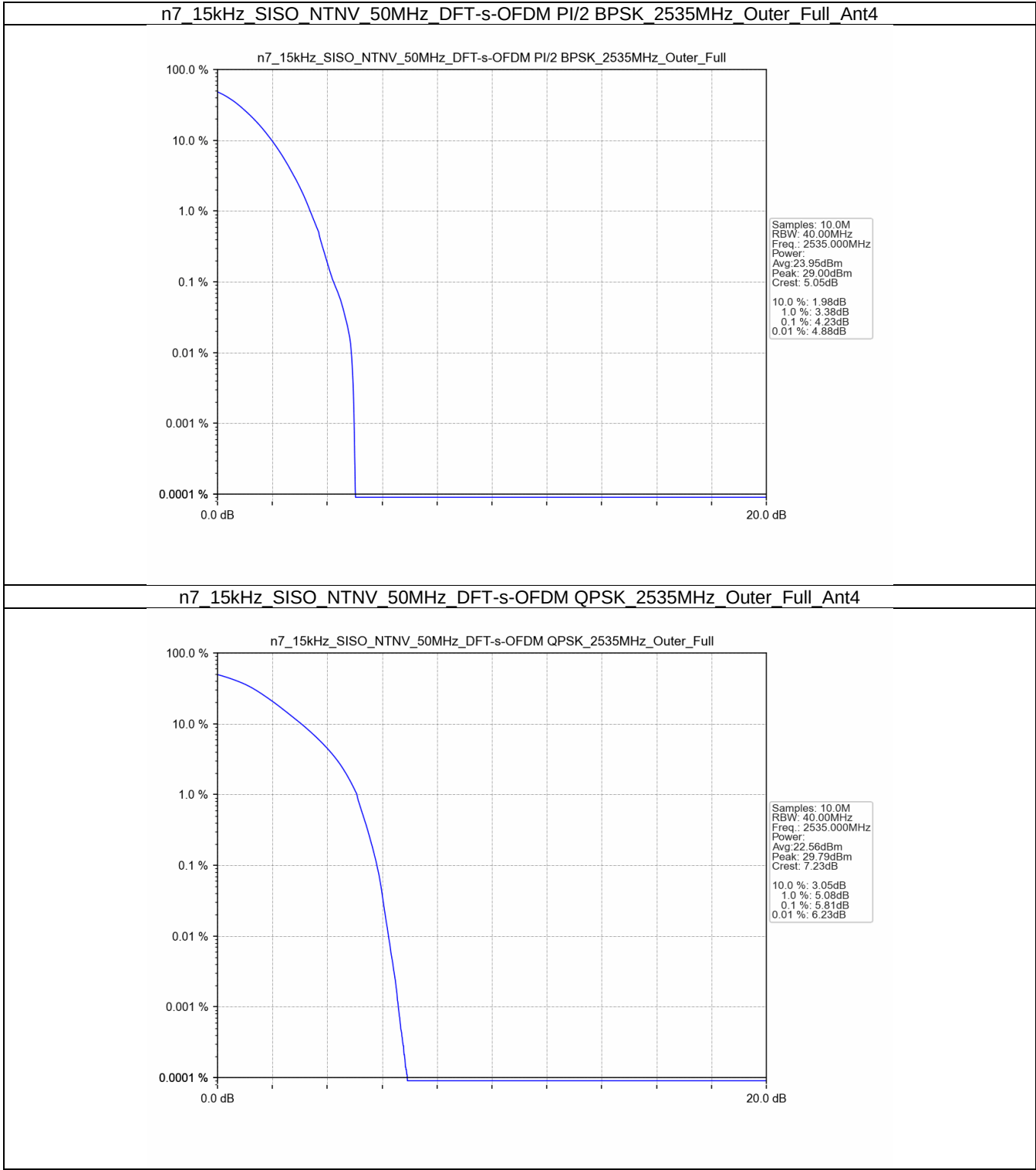
4.1 Test Result

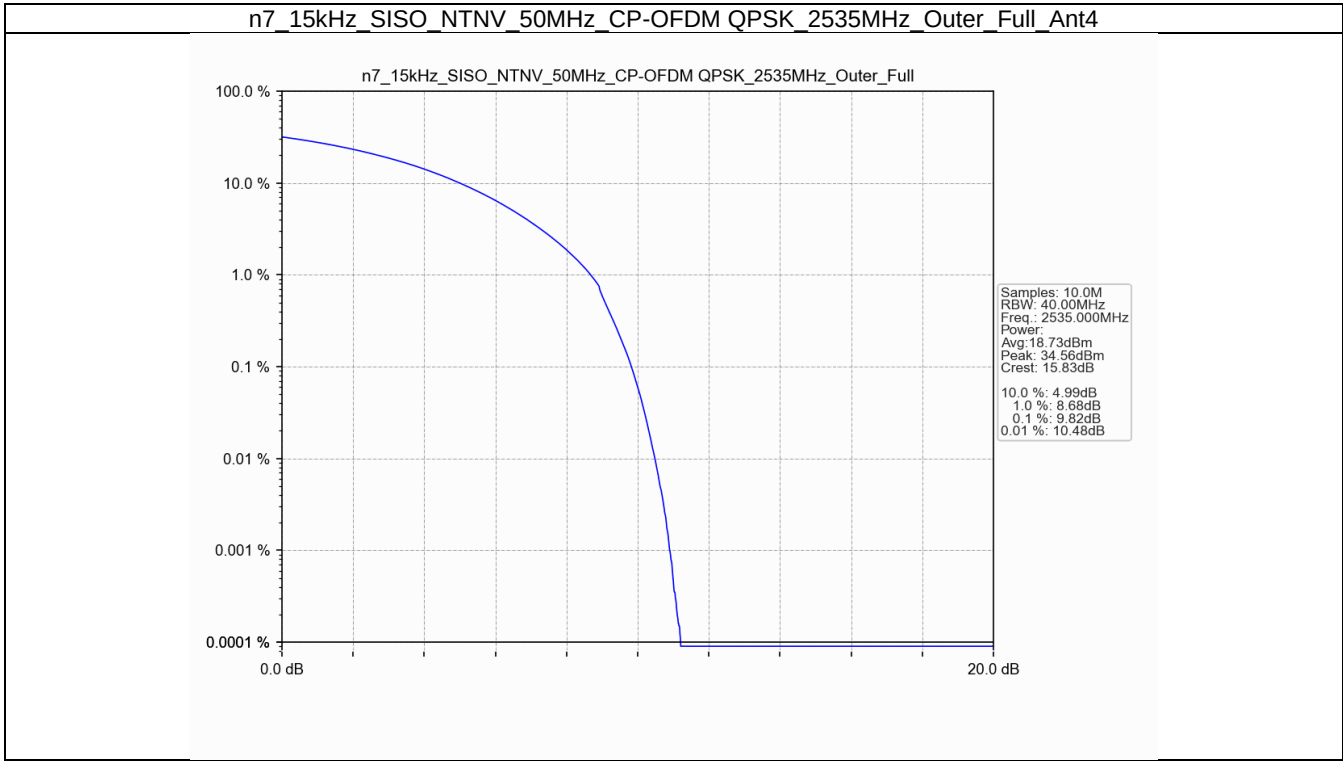
4.1.1 15_S_50M_NTNV

5G NR n7 SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	4.23	/	/	<=13	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	5.81	/	/	<=13	Pass
CP-OFDM QPSK	2535	Outer_Full	9.82	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_50M_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n7 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2502.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_25M_NTNV

5G NR n7 SCS=15kHz SISO 25MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2557.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2557.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2512.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2557.5	Outer_Full	Refer To Test Graph				Pass

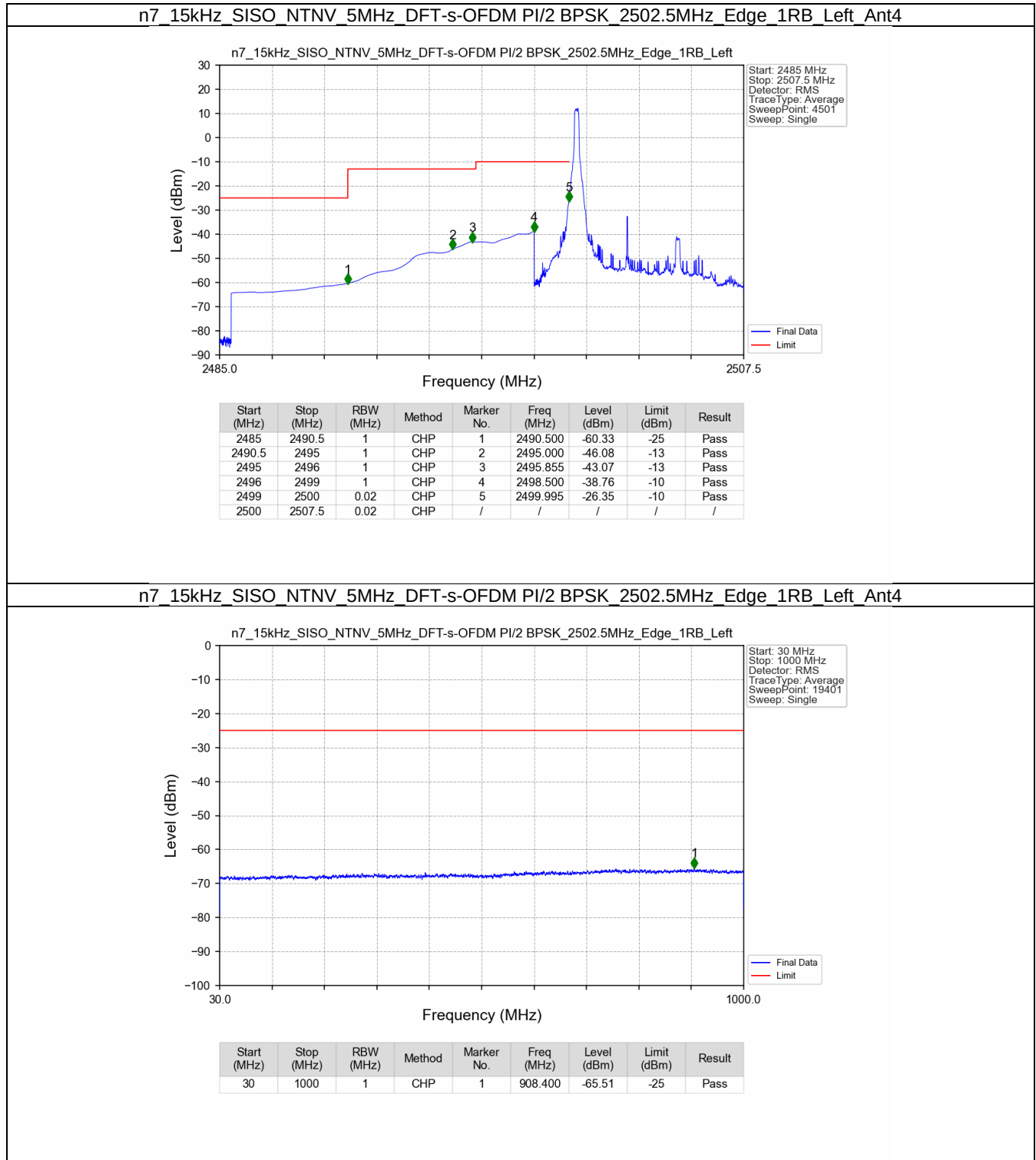
5.1.3 15_S_50M_NTNV

5G NR n7 SCS=15kHz SISO 50MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2525	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2525	Edge_1RB_Left	Refer To Test Graph				Pass

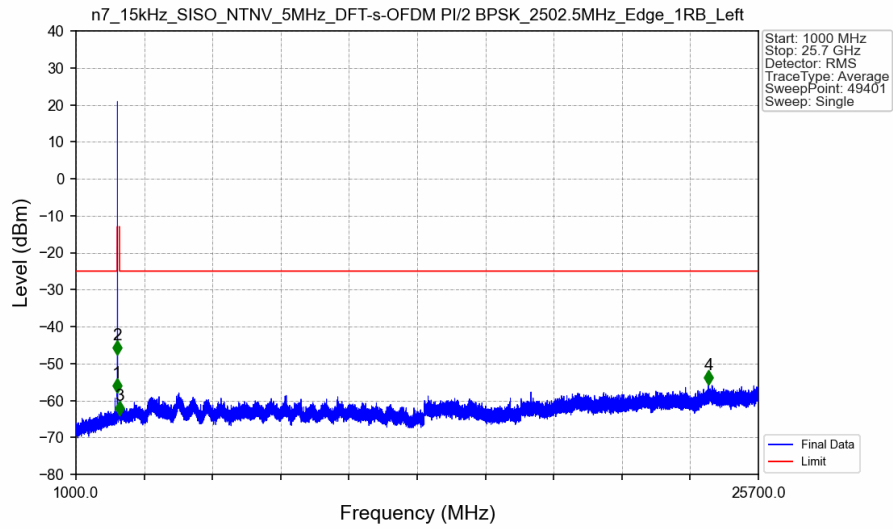
		Outer_Full	Refer To Test Graph	Pass
	2535	Edge_1RB_Left	Refer To Test Graph	Pass
	2545	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	2525	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2535	Edge_1RB_Left	Refer To Test Graph	Pass
	2545	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 15_S_5M_NTNV

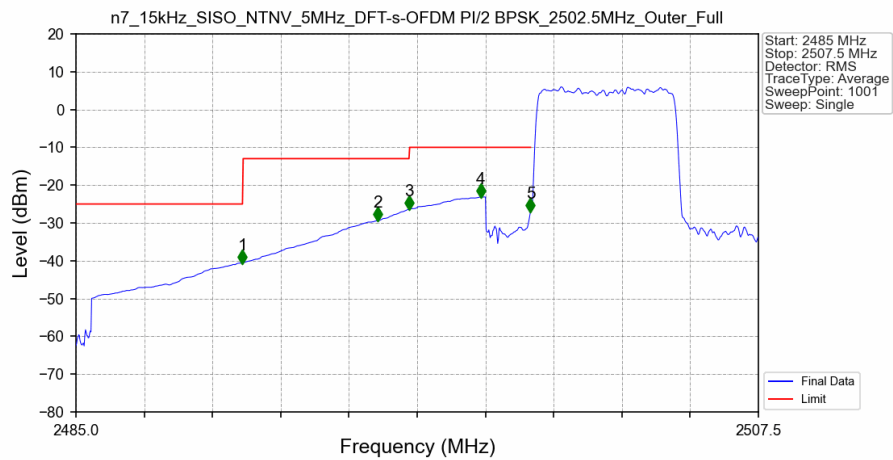


n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2502.5MHz_Edge_1RB_Left_Ant4



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2489.500	-57.88	-25	Pass
2490.5	2495	1	/	2	2493.500	-47.68	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2575.500	-64.03	-13	Pass
2576	25700	1	/	4	23892.500	-55.70	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2502.5MHz_Outer_Full_Ant4



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-40.61	-25	Pass
2490.5	2495	1	CHP	2	2494.945	-29.31	-13	Pass
2495	2496	1	CHP	3	2495.980	-26.33	-13	Pass
2496	2499	1	CHP	4	2498.343	-23.08	-10	Pass
2499	2500	0.101	CHP	5	2499.985	-26.90	-10	Pass
2500	2507.5	0.101	CHP	/	/	/	/	/

