1. Effective (Isotropic) Radiated Power Output Data

1.1 30k_SISO_20MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n41 SCS=30kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2506.02	Edge_1RB_Left	22.59	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	22.18	/	/	<=33	Pass
		Outer_Full	25.75	/	/	25.25	/	/	<=33	Pass
		Inner_Full	26.21	/	/	25.71	/	/	<=33	Pass
		Inner_1RB_Left	26.14	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Right	26.22	/	/	25.72	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.25	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	23.40	/	/	22.90	/	/	<=33	Pass
		Outer_Full	26.24	/	/	25.74	/	/	<=33	Pass
		Inner_Full	26.75	/	/	26.25	/	/	<=33	Pass
		Inner_1RB_Left	26.56	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Right	26.98	/	/	26.48	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.31	/	/	22.81	/	/	<=33	Pass
		Edge_1RB_Right	23.31	/	/	22.81	/	/	<=33	Pass
		Outer_Full	26.42	/	/	25.92	/	/	<=33	Pass
		Inner_Full	26.91	/	/	26.41	/	/	<=33	Pass
		Inner_1RB_Left	26.72	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Right	26.77	/	/	26.27	/	/	<=33	Pass
DFT-s-OFDM QPSK	2506.02	Edge_1RB_Left	22.50	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	22.17	/	/	<=33	Pass
		Outer_Full	25.22	/	/	24.72	/	/	<=33	Pass
		Inner_Full	26.17	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Left	26.15	/	/	25.65	/	/	<=33	Pass
		Inner_1RB_Right	26.28	/	/	25.78	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.07	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	23.33	/	/	22.83	/	/	<=33	Pass
		Outer_Full	25.70	/	/	25.20	/	/	<=33	Pass
		Inner_Full	26.67	/	/	26.17	/	/	<=33	Pass
		Inner_1RB_Left	26.54	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Right	26.53	/	/	26.03	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.18	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	23.21	/	/	22.71	/	/	<=33	Pass
		Outer_Full	25.88	/	/	25.38	/	/	<=33	Pass
		Inner_Full	26.84	/	/	26.34	/	/	<=33	Pass
		Inner_1RB_Left	26.77	/	/	26.27	/	/	<=33	Pass
		Inner_1RB_Right	26.75	/	/	26.25	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Edge_1RB_Left	22.47	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	22.05	/	/	<=33	Pass
		Outer_Full	24.19	/	/	23.69	/	/	<=33	Pass
		Inner_Full	25.19	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	25.01	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Right	25.11	/	/	24.61	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.00	/	/	22.50	/	/	<=33	Pass
		Edge_1RB_Right	23.29	/	/	22.79	/	/	<=33	Pass
		Outer_Full	24.69	/	/	24.19	/	/	<=33	Pass
		Inner_Full	25.77	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Right	25.74	/	/	25.24	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.07	/	/	22.57	/	/	<=33	Pass

		Edge_1RB_Right	23.12	/	/	22.62	/	/	<=33	Pass
		Outer_Full	24.75	/	/	24.25	/	/	<=33	Pass
		Inner_Full	25.85	/	/	25.35	/	/	<=33	Pass
		Inner_1RB_Left	25.67	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Right	25.71	/	/	25.21	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2506.02	Edge_1RB_Left	22.63	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	22.22	/	/	<=33	Pass
		Outer_Full	23.71	/	/	23.21	/	/	<=33	Pass
		Inner_Full	23.65	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Left	23.57	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	23.67	/	/	23.17	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.09	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	23.42	/	/	22.92	/	/	<=33	Pass
		Outer_Full	24.22	/	/	23.72	/	/	<=33	Pass
		Inner_Full	24.15	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	24.11	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Right	24.31	/	/	23.81	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.31	/	/	22.81	/	/	<=33	Pass
		Edge_1RB_Right	23.25	/	/	22.75	/	/	<=33	Pass
		Outer_Full	24.31	/	/	23.81	/	/	<=33	Pass
		Inner_Full	24.36	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Left	24.23	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Right	24.25	/	/	23.75	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2506.02	Edge_1RB_Left	21.79	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	21.73	/	/	21.23	/	/	<=33	Pass
		Outer_Full	21.71	/	/	21.21	/	/	<=33	Pass
		Inner_Full	21.70	/	/	21.20	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	21.23	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.99	/	/	21.49	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	21.74	/	/	<=33	Pass
		Outer_Full	22.24	/	/	21.74	/	/	<=33	Pass
		Inner_Full	22.12	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Left	22.07	/	/	21.57	/	/	<=33	Pass
		Inner_1RB_Right	22.24	/	/	21.74	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.39	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	22.34	/	/	21.84	/	/	<=33	Pass
		Outer_Full	22.35	/	/	21.85	/	/	<=33	Pass
		Inner_Full	22.42	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Left	22.28	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	22.30	/	/	21.80	/	/	<=33	Pass
CP-OFDM QPSK	2506.02	Edge_1RB_Left	22.64	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.20	/	/	<=33	Pass
		Outer_Full	23.18	/	/	22.68	/	/	<=33	Pass
		Inner_Full	24.68	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	24.71	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	24.91	/	/	24.41	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.19	/	/	22.69	/	/	<=33	Pass
		Edge_1RB_Right	23.41	/	/	22.91	/	/	<=33	Pass
		Outer_Full	23.81	/	/	23.31	/	/	<=33	Pass
		Inner_Full	25.09	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	25.18	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Right	25.59	/	/	25.09	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.31	/	/	22.81	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	22.78	/	/	<=33	Pass
		Outer_Full	23.86	/	/	23.36	/	/	<=33	Pass
		Inner_Full	25.35	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	24.79	/	/	<=33	Pass

CP-OFDM 16 QAM	2506.02	Edge_1RB_Left	22.57	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.19	/	/	22.69	/	/	<=33	Pass
		Inner_Full	24.13	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	23.98	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Right	24.06	/	/	23.56	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	23.22	/	/	22.72	/	/	<=33	Pass
		Outer_Full	23.53	/	/	23.03	/	/	<=33	Pass
		Inner_Full	24.59	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	24.31	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	24.56	/	/	24.06	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.09	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	23.14	/	/	22.64	/	/	<=33	Pass
		Outer_Full	23.88	/	/	23.38	/	/	<=33	Pass
		Inner_Full	24.85	/	/	24.35	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Right	24.73	/	/	24.23	/	/	<=33	Pass
CP-OFDM 64 QAM	2506.02	Edge_1RB_Left	22.59	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	22.18	/	/	<=33	Pass
		Outer_Full	22.65	/	/	22.15	/	/	<=33	Pass
		Inner_Full	22.66	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	22.62	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	22.23	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.06	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	22.80	/	/	<=33	Pass
		Outer_Full	23.10	/	/	22.60	/	/	<=33	Pass
		Inner_Full	23.06	/	/	22.56	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Right	23.52	/	/	23.02	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	23.18	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	23.29	/	/	22.79	/	/	<=33	Pass
		Outer_Full	23.33	/	/	22.83	/	/	<=33	Pass
		Inner_Full	23.36	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Right	23.27	/	/	22.77	/	/	<=33	Pass
CP-OFDM 256 QAM	2506.02	Edge_1RB_Left	19.61	/	/	19.11	/	/	<=33	Pass
		Edge_1RB_Right	19.77	/	/	19.27	/	/	<=33	Pass
		Outer_Full	19.66	/	/	19.16	/	/	<=33	Pass
		Inner_Full	19.73	/	/	19.23	/	/	<=33	Pass
		Inner_1RB_Left	19.63	/	/	19.13	/	/	<=33	Pass
		Inner_1RB_Right	19.72	/	/	19.22	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.07	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	19.82	/	/	<=33	Pass
		Outer_Full	20.10	/	/	19.60	/	/	<=33	Pass
		Inner_Full	20.13	/	/	19.63	/	/	<=33	Pass
		Inner_1RB_Left	20.12	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Right	20.23	/	/	19.73	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	20.24	/	/	19.74	/	/	<=33	Pass
		Edge_1RB_Right	20.37	/	/	19.87	/	/	<=33	Pass
		Outer_Full	20.32	/	/	19.82	/	/	<=33	Pass
		Inner_Full	20.41	/	/	19.91	/	/	<=33	Pass
		Inner_1RB_Left	20.31	/	/	19.81	/	/	<=33	Pass
		Inner_1RB_Right	20.28	/	/	19.78	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 30k_SISO_30MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n41 SCS=30kHz SISO 30MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Edge_1RB_Left	22.41	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	22.17	/	/	<=33	Pass
		Outer_Full	25.46	/	/	24.96	/	/	<=33	Pass
		Inner_Full	25.96	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	25.90	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	26.16	/	/	25.66	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.20	/	/	22.70	/	/	<=33	Pass
		Edge_1RB_Right	23.47	/	/	22.97	/	/	<=33	Pass
		Outer_Full	26.31	/	/	25.81	/	/	<=33	Pass
		Inner_Full	26.56	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	26.62	/	/	26.12	/	/	<=33	Pass
		Inner_1RB_Right	27.02	/	/	26.52	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.35	/	/	22.85	/	/	<=33	Pass
		Edge_1RB_Right	23.39	/	/	22.89	/	/	<=33	Pass
		Outer_Full	26.35	/	/	25.85	/	/	<=33	Pass
		Inner_Full	26.85	/	/	26.35	/	/	<=33	Pass
		Inner_1RB_Left	26.79	/	/	26.29	/	/	<=33	Pass
		Inner_1RB_Right	26.81	/	/	26.31	/	/	<=33	Pass
DFT-s-OFDM QPSK	2511	Edge_1RB_Left	22.36	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	22.11	/	/	<=33	Pass
		Outer_Full	24.99	/	/	24.49	/	/	<=33	Pass
		Inner_Full	25.98	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	25.89	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Right	26.12	/	/	25.62	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.98	/	/	22.48	/	/	<=33	Pass
		Edge_1RB_Right	23.48	/	/	22.98	/	/	<=33	Pass
		Outer_Full	25.74	/	/	25.24	/	/	<=33	Pass
		Inner_Full	26.65	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Left	26.52	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Right	27.01	/	/	26.51	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.12	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	23.22	/	/	22.72	/	/	<=33	Pass
		Outer_Full	25.79	/	/	25.29	/	/	<=33	Pass
		Inner_Full	26.74	/	/	26.24	/	/	<=33	Pass
		Inner_1RB_Left	26.82	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Right	26.80	/	/	26.30	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Edge_1RB_Left	22.31	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.62	/	/	22.12	/	/	<=33	Pass
		Outer_Full	24.01	/	/	23.51	/	/	<=33	Pass
		Inner_Full	24.95	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Left	24.80	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	24.62	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.97	/	/	22.47	/	/	<=33	Pass
		Edge_1RB_Right	23.38	/	/	22.88	/	/	<=33	Pass
		Outer_Full	24.74	/	/	24.24	/	/	<=33	Pass
		Inner_Full	25.46	/	/	24.96	/	/	<=33	Pass
		Inner_1RB_Left	25.50	/	/	25.00	/	/	<=33	Pass
		Inner_1RB_Right	25.99	/	/	25.49	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.15	/	/	22.65	/	/	<=33	Pass
		Edge_1RB_Right	23.20	/	/	22.70	/	/	<=33	Pass
		Outer_Full	24.75	/	/	24.25	/	/	<=33	Pass
		Inner_Full	25.83	/	/	25.33	/	/	<=33	Pass
		Inner_1RB_Left	25.57	/	/	25.07	/	/	<=33	Pass
		Inner_1RB_Right	25.70	/	/	25.20	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	2511	Edge_1RB_Left	22.52	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	22.17	/	/	<=33	Pass
		Outer_Full	23.50	/	/	23.00	/	/	<=33	Pass
		Inner_Full	23.44	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Right	23.67	/	/	23.17	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.01	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	23.02	/	/	<=33	Pass
		Outer_Full	24.25	/	/	23.75	/	/	<=33	Pass
		Inner_Full	24.19	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	24.05	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	24.52	/	/	24.02	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.22	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	23.27	/	/	22.77	/	/	<=33	Pass
		Outer_Full	24.37	/	/	23.87	/	/	<=33	Pass
		Inner_Full	24.36	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Left	24.28	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	24.32	/	/	23.82	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2511	Edge_1RB_Left	21.39	/	/	20.89	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	21.21	/	/	<=33	Pass
		Outer_Full	21.51	/	/	21.01	/	/	<=33	Pass
		Inner_Full	21.33	/	/	20.83	/	/	<=33	Pass
		Inner_1RB_Left	21.37	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	21.20	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.05	/	/	21.55	/	/	<=33	Pass
		Edge_1RB_Right	22.31	/	/	21.81	/	/	<=33	Pass
		Outer_Full	22.17	/	/	21.67	/	/	<=33	Pass
		Inner_Full	22.08	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Left	21.93	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Right	22.29	/	/	21.79	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.32	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	21.78	/	/	<=33	Pass
		Outer_Full	22.35	/	/	21.85	/	/	<=33	Pass
		Inner_Full	22.18	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Left	22.18	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	22.03	/	/	<=33	Pass
CP-OFDM QPSK	2511	Edge_1RB_Left	22.40	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	22.15	/	/	<=33	Pass
		Outer_Full	23.07	/	/	22.57	/	/	<=33	Pass
		Inner_Full	24.46	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	24.46	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Right	24.72	/	/	24.22	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.17	/	/	22.67	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	23.02	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.22	/	/	<=33	Pass
		Inner_Full	25.15	/	/	24.65	/	/	<=33	Pass
		Inner_1RB_Left	24.95	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Right	25.43	/	/	24.93	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.36	/	/	22.86	/	/	<=33	Pass
		Edge_1RB_Right	23.58	/	/	23.08	/	/	<=33	Pass
		Outer_Full	23.77	/	/	23.27	/	/	<=33	Pass
		Inner_Full	25.32	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	24.66	/	/	<=33	Pass
		Inner_1RB_Right	25.41	/	/	24.91	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Edge_1RB_Left	22.42	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.12	/	/	22.62	/	/	<=33	Pass
		Inner_Full	23.94	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	23.32	/	/	<=33	Pass

		Inner_1RB_Right	24.07	/	/	23.57	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.90	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	23.39	/	/	22.89	/	/	<=33	Pass
		Outer_Full	23.74	/	/	23.24	/	/	<=33	Pass
		Inner_Full	24.73	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	24.84	/	/	24.34	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.05	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	23.45	/	/	22.95	/	/	<=33	Pass
		Outer_Full	23.86	/	/	23.36	/	/	<=33	Pass
		Inner_Full	24.72	/	/	24.22	/	/	<=33	Pass
		Inner_1RB_Left	24.57	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Right	24.54	/	/	24.04	/	/	<=33	Pass
CP-OFDM 64 QAM	2511	Edge_1RB_Left	22.40	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	22.15	/	/	<=33	Pass
		Outer_Full	22.57	/	/	22.07	/	/	<=33	Pass
		Inner_Full	22.45	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Left	22.45	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	22.77	/	/	22.27	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.95	/	/	22.45	/	/	<=33	Pass
		Edge_1RB_Right	23.41	/	/	22.91	/	/	<=33	Pass
		Outer_Full	23.24	/	/	22.74	/	/	<=33	Pass
		Inner_Full	23.15	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Left	23.07	/	/	22.57	/	/	<=33	Pass
		Inner_1RB_Right	23.32	/	/	22.82	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	23.21	/	/	22.71	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	22.76	/	/	<=33	Pass
		Outer_Full	23.33	/	/	22.83	/	/	<=33	Pass
		Inner_Full	23.32	/	/	22.82	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	22.79	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	22.75	/	/	<=33	Pass
CP-OFDM 256 QAM	2511	Edge_1RB_Left	19.40	/	/	18.90	/	/	<=33	Pass
		Edge_1RB_Right	19.69	/	/	19.19	/	/	<=33	Pass
		Outer_Full	19.60	/	/	19.10	/	/	<=33	Pass
		Inner_Full	19.48	/	/	18.98	/	/	<=33	Pass
		Inner_1RB_Left	19.43	/	/	18.93	/	/	<=33	Pass
		Inner_1RB_Right	19.70	/	/	19.20	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.06	/	/	19.56	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	20.02	/	/	<=33	Pass
		Outer_Full	20.25	/	/	19.75	/	/	<=33	Pass
		Inner_Full	20.17	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Left	20.14	/	/	19.64	/	/	<=33	Pass
		Inner_1RB_Right	20.44	/	/	19.94	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	20.25	/	/	19.75	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	19.93	/	/	<=33	Pass
		Outer_Full	20.34	/	/	19.84	/	/	<=33	Pass
		Inner_Full	20.31	/	/	19.81	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Right	20.40	/	/	19.90	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.3 30k_SISO_40MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n41 SCS=30kHz SISO 40MHz NTNV

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Edge_1RB_Left	22.45	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.29	/	/	<=33	Pass
		Outer_Full	25.60	/	/	25.10	/	/	<=33	Pass
		Inner_Full	26.08	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Left	26.04	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Right	26.39	/	/	25.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.10	/	/	22.60	/	/	<=33	Pass
		Edge_1RB_Right	23.51	/	/	23.01	/	/	<=33	Pass
		Outer_Full	26.26	/	/	25.76	/	/	<=33	Pass
		Inner_Full	26.82	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Left	26.63	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Right	27.04	/	/	26.54	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.32	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	23.51	/	/	23.01	/	/	<=33	Pass
		Outer_Full	26.34	/	/	25.84	/	/	<=33	Pass
		Inner_Full	26.82	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Left	26.89	/	/	26.39	/	/	<=33	Pass
		Inner_1RB_Right	27.01	/	/	26.51	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Left	22.38	/	/	21.88	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	22.22	/	/	<=33	Pass
		Outer_Full	25.09	/	/	24.59	/	/	<=33	Pass
		Inner_Full	26.04	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	25.91	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Right	26.32	/	/	25.82	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.02	/	/	22.52	/	/	<=33	Pass
		Edge_1RB_Right	23.51	/	/	23.01	/	/	<=33	Pass
		Outer_Full	25.71	/	/	25.21	/	/	<=33	Pass
		Inner_Full	26.86	/	/	26.36	/	/	<=33	Pass
		Inner_1RB_Left	26.62	/	/	26.12	/	/	<=33	Pass
		Inner_1RB_Right	26.94	/	/	26.44	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.19	/	/	22.69	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	22.80	/	/	<=33	Pass
		Outer_Full	25.89	/	/	25.39	/	/	<=33	Pass
		Inner_Full	26.85	/	/	26.35	/	/	<=33	Pass
		Inner_1RB_Left	26.74	/	/	26.24	/	/	<=33	Pass
		Inner_1RB_Right	26.92	/	/	26.42	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Left	22.36	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.19	/	/	<=33	Pass
		Outer_Full	24.10	/	/	23.60	/	/	<=33	Pass
		Inner_Full	25.04	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Left	24.79	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Right	25.17	/	/	24.67	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.92	/	/	22.42	/	/	<=33	Pass
		Edge_1RB_Right	23.41	/	/	22.91	/	/	<=33	Pass
		Outer_Full	24.72	/	/	24.22	/	/	<=33	Pass
		Inner_Full	25.72	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	25.44	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Right	25.62	/	/	25.12	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.06	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Right	23.17	/	/	22.67	/	/	<=33	Pass
		Outer_Full	24.80	/	/	24.30	/	/	<=33	Pass
		Inner_Full	25.84	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Left	25.62	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Right	25.83	/	/	25.33	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2516.01	Edge_1RB_Left	22.53	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.38	/	/	<=33	Pass
		Outer_Full	23.61	/	/	23.11	/	/	<=33	Pass

		Inner_Full	23.50	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Right	23.86	/	/	23.36	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.19	/	/	22.69	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	23.02	/	/	<=33	Pass
		Outer_Full	24.28	/	/	23.78	/	/	<=33	Pass
		Inner_Full	24.10	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	24.17	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	24.52	/	/	24.02	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.17	/	/	22.67	/	/	<=33	Pass
		Edge_1RB_Right	23.36	/	/	22.86	/	/	<=33	Pass
		Outer_Full	24.39	/	/	23.89	/	/	<=33	Pass
		Inner_Full	24.28	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	24.21	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	24.36	/	/	23.86	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2516.01	Edge_1RB_Left	21.45	/	/	20.95	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	21.30	/	/	<=33	Pass
		Outer_Full	21.58	/	/	21.08	/	/	<=33	Pass
		Inner_Full	21.55	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Right	21.84	/	/	21.34	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.99	/	/	21.49	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.99	/	/	<=33	Pass
		Outer_Full	22.27	/	/	21.77	/	/	<=33	Pass
		Inner_Full	22.16	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Left	22.11	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	22.03	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.22	/	/	21.72	/	/	<=33	Pass
		Edge_1RB_Right	22.30	/	/	21.80	/	/	<=33	Pass
		Outer_Full	22.35	/	/	21.85	/	/	<=33	Pass
		Inner_Full	22.30	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Left	22.25	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	22.05	/	/	<=33	Pass
CP-OFDM QPSK	2516.01	Edge_1RB_Left	22.49	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.37	/	/	<=33	Pass
		Outer_Full	23.16	/	/	22.66	/	/	<=33	Pass
		Inner_Full	24.59	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	24.61	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	24.37	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.21	/	/	22.71	/	/	<=33	Pass
		Edge_1RB_Right	23.53	/	/	23.03	/	/	<=33	Pass
		Outer_Full	23.75	/	/	23.25	/	/	<=33	Pass
		Inner_Full	25.17	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	24.58	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	24.84	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.31	/	/	22.81	/	/	<=33	Pass
		Edge_1RB_Right	23.50	/	/	23.00	/	/	<=33	Pass
		Outer_Full	23.85	/	/	23.35	/	/	<=33	Pass
		Inner_Full	25.21	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Left	25.23	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Right	25.58	/	/	25.08	/	/	<=33	Pass
CP-OFDM 16 QAM	2516.01	Edge_1RB_Left	22.35	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.25	/	/	<=33	Pass
		Outer_Full	22.99	/	/	22.49	/	/	<=33	Pass
		Inner_Full	24.07	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	23.90	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Right	24.20	/	/	23.70	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.01	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Right	23.37	/	/	22.87	/	/	<=33	Pass

		Outer_Full	23.84	/	/	23.34	/	/	<=33	Pass
		Inner_Full	24.56	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	24.36	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	24.77	/	/	24.27	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.04	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.68	/	/	<=33	Pass
		Outer_Full	23.78	/	/	23.28	/	/	<=33	Pass
		Inner_Full	24.83	/	/	24.33	/	/	<=33	Pass
		Inner_1RB_Left	24.75	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Right	24.84	/	/	24.34	/	/	<=33	Pass
CP-OFDM 64 QAM	2516.01	Edge_1RB_Left	22.53	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.41	/	/	<=33	Pass
		Outer_Full	22.61	/	/	22.11	/	/	<=33	Pass
		Inner_Full	22.56	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	22.41	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.04	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	23.47	/	/	22.97	/	/	<=33	Pass
		Outer_Full	23.33	/	/	22.83	/	/	<=33	Pass
		Inner_Full	23.19	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Right	23.40	/	/	22.90	/	/	<=33	Pass
	2670	Edge_1RB_Left	23.30	/	/	22.80	/	/	<=33	Pass
		Edge_1RB_Right	23.49	/	/	22.99	/	/	<=33	Pass
		Outer_Full	23.34	/	/	22.84	/	/	<=33	Pass
		Inner_Full	23.31	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	22.82	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	22.83	/	/	<=33	Pass
CP-OFDM 256 QAM	2516.01	Edge_1RB_Left	19.42	/	/	18.92	/	/	<=33	Pass
		Edge_1RB_Right	19.88	/	/	19.38	/	/	<=33	Pass
		Outer_Full	19.62	/	/	19.12	/	/	<=33	Pass
		Inner_Full	19.59	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Left	19.50	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Right	19.87	/	/	19.37	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.07	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	20.04	/	/	<=33	Pass
		Outer_Full	20.21	/	/	19.71	/	/	<=33	Pass
		Inner_Full	20.25	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Left	20.15	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Right	20.55	/	/	20.05	/	/	<=33	Pass
	2670	Edge_1RB_Left	20.05	/	/	19.55	/	/	<=33	Pass
		Edge_1RB_Right	20.46	/	/	19.96	/	/	<=33	Pass
		Outer_Full	20.30	/	/	19.80	/	/	<=33	Pass
		Inner_Full	20.35	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Left	20.21	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Right	20.53	/	/	20.03	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.4 30k_SISO_50MHz_NTNV_EIRP

1.4.1 Test Result

5G NR n41 SCS=30kHz SISO 50MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2	2521.02	Edge_1RB_Left	22.45	/	/	21.95	/	/	<=33	Pass

BPSK		Edge_1RB_Right	22.89	/	/	22.39	/	/	<=33	Pass
		Outer_Full	25.68	/	/	25.18	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.68	/	/	<=33	Pass
		Inner_1RB_Left	25.90	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	26.39	/	/	25.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.01	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	22.76	/	/	<=33	Pass
		Outer_Full	26.14	/	/	25.64	/	/	<=33	Pass
		Inner_Full	26.52	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Left	26.41	/	/	25.91	/	/	<=33	Pass
		Inner_1RB_Right	27.06	/	/	26.56	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.97	/	/	22.47	/	/	<=33	Pass
		Edge_1RB_Right	23.34	/	/	22.84	/	/	<=33	Pass
		Outer_Full	26.19	/	/	25.69	/	/	<=33	Pass
		Inner_Full	26.71	/	/	26.21	/	/	<=33	Pass
		Inner_1RB_Left	26.57	/	/	26.07	/	/	<=33	Pass
		Inner_1RB_Right	26.75	/	/	26.25	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	22.29	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.32	/	/	<=33	Pass
		Outer_Full	25.18	/	/	24.68	/	/	<=33	Pass
		Inner_Full	26.13	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	25.88	/	/	25.38	/	/	<=33	Pass
		Inner_1RB_Right	26.40	/	/	25.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.77	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	22.73	/	/	<=33	Pass
		Outer_Full	25.47	/	/	24.97	/	/	<=33	Pass
		Inner_Full	26.56	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	26.32	/	/	25.82	/	/	<=33	Pass
		Inner_1RB_Right	26.94	/	/	26.44	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.86	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.68	/	/	<=33	Pass
		Outer_Full	25.71	/	/	25.21	/	/	<=33	Pass
		Inner_Full	26.68	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Left	26.36	/	/	25.86	/	/	<=33	Pass
		Inner_1RB_Right	26.78	/	/	26.28	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Edge_1RB_Left	22.30	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.35	/	/	<=33	Pass
		Outer_Full	24.13	/	/	23.63	/	/	<=33	Pass
		Inner_Full	25.14	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Left	24.78	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Right	25.25	/	/	24.75	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.85	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	23.25	/	/	22.75	/	/	<=33	Pass
		Outer_Full	24.60	/	/	24.10	/	/	<=33	Pass
		Inner_Full	25.53	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	25.18	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Right	25.68	/	/	25.18	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.85	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	22.58	/	/	<=33	Pass
		Outer_Full	24.62	/	/	24.12	/	/	<=33	Pass
		Inner_Full	25.72	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Right	25.71	/	/	25.21	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Edge_1RB_Left	22.42	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	22.44	/	/	<=33	Pass
		Outer_Full	23.64	/	/	23.14	/	/	<=33	Pass
		Inner_Full	23.60	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	23.50	/	/	<=33	Pass

	2592.99	Edge_1RB_Left	22.92	/	/	22.42	/	/	<=33	Pass
		Edge_1RB_Right	23.37	/	/	22.87	/	/	<=33	Pass
		Outer_Full	23.94	/	/	23.44	/	/	<=33	Pass
		Inner_Full	24.07	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Right	24.33	/	/	23.83	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.99	/	/	22.49	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	22.73	/	/	<=33	Pass
		Outer_Full	24.15	/	/	23.65	/	/	<=33	Pass
		Inner_Full	24.23	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	23.86	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	23.71	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Edge_1RB_Left	21.37	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	21.31	/	/	<=33	Pass
		Outer_Full	21.65	/	/	21.15	/	/	<=33	Pass
		Inner_Full	21.54	/	/	21.04	/	/	<=33	Pass
		Inner_1RB_Left	21.41	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Right	21.90	/	/	21.40	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.83	/	/	21.33	/	/	<=33	Pass
		Edge_1RB_Right	22.29	/	/	21.79	/	/	<=33	Pass
		Outer_Full	22.03	/	/	21.53	/	/	<=33	Pass
		Inner_Full	21.98	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Right	22.28	/	/	21.78	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.01	/	/	21.51	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	21.77	/	/	<=33	Pass
		Outer_Full	22.04	/	/	21.54	/	/	<=33	Pass
		Inner_Full	22.02	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Right	22.17	/	/	21.67	/	/	<=33	Pass
CP-OFDM QPSK	2521.02	Edge_1RB_Left	22.46	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.41	/	/	<=33	Pass
		Outer_Full	23.11	/	/	22.61	/	/	<=33	Pass
		Inner_Full	24.62	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	24.85	/	/	24.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.98	/	/	22.48	/	/	<=33	Pass
		Edge_1RB_Right	23.39	/	/	22.89	/	/	<=33	Pass
		Outer_Full	23.68	/	/	23.18	/	/	<=33	Pass
		Inner_Full	25.02	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Left	25.01	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	24.94	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	23.02	/	/	22.52	/	/	<=33	Pass
		Edge_1RB_Right	23.33	/	/	22.83	/	/	<=33	Pass
		Outer_Full	23.66	/	/	23.16	/	/	<=33	Pass
		Inner_Full	25.19	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	24.99	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	24.79	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge_1RB_Left	22.30	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.34	/	/	<=33	Pass
		Outer_Full	23.16	/	/	22.66	/	/	<=33	Pass
		Inner_Full	24.09	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Left	23.89	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Right	24.25	/	/	23.75	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.74	/	/	22.24	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.63	/	/	<=33	Pass
		Outer_Full	23.58	/	/	23.08	/	/	<=33	Pass
		Inner_Full	24.55	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	24.28	/	/	23.78	/	/	<=33	Pass

		Inner_1RB_Right	24.46	/	/	23.96	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.80	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.63	/	/	<=33	Pass
		Outer_Full	23.62	/	/	23.12	/	/	<=33	Pass
		Inner_Full	24.68	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	24.22	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.72	/	/	24.22	/	/	<=33	Pass
CP-OFDM 64 QAM	2521.02	Edge_1RB_Left	22.41	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.89	/	/	22.39	/	/	<=33	Pass
		Outer_Full	22.64	/	/	22.14	/	/	<=33	Pass
		Inner_Full	22.58	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	21.85	/	/	<=33	Pass
		Inner_1RB_Right	22.97	/	/	22.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	23.24	/	/	22.74	/	/	<=33	Pass
		Outer_Full	23.09	/	/	22.59	/	/	<=33	Pass
		Inner_Full	23.03	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Right	23.26	/	/	22.76	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.87	/	/	22.37	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	22.80	/	/	<=33	Pass
		Outer_Full	23.22	/	/	22.72	/	/	<=33	Pass
		Inner_Full	23.17	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	22.56	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	22.66	/	/	<=33	Pass
CP-OFDM 256 QAM	2521.02	Edge_1RB_Left	19.36	/	/	18.86	/	/	<=33	Pass
		Edge_1RB_Right	19.90	/	/	19.40	/	/	<=33	Pass
		Outer_Full	19.58	/	/	19.08	/	/	<=33	Pass
		Inner_Full	19.59	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	18.89	/	/	<=33	Pass
		Inner_1RB_Right	19.89	/	/	19.39	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.98	/	/	19.48	/	/	<=33	Pass
		Edge_1RB_Right	20.33	/	/	19.83	/	/	<=33	Pass
		Outer_Full	20.01	/	/	19.51	/	/	<=33	Pass
		Inner_Full	20.08	/	/	19.58	/	/	<=33	Pass
		Inner_1RB_Left	19.91	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Right	20.26	/	/	19.76	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	19.99	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Right	20.20	/	/	19.70	/	/	<=33	Pass
		Outer_Full	20.15	/	/	19.65	/	/	<=33	Pass
		Inner_Full	20.18	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	19.94	/	/	19.44	/	/	<=33	Pass
		Inner_1RB_Right	20.37	/	/	19.87	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.5 30k_SISO_60MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n41 SCS=30kHz SISO 60MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2526	Edge_1RB_Left	22.33	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.35	/	/	<=33	Pass
		Outer_Full	25.70	/	/	25.20	/	/	<=33	Pass
		Inner_Full	26.17	/	/	25.67	/	/	<=33	Pass

		Inner_1RB_Left	25.73	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Right	26.39	/	/	25.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.88	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	23.22	/	/	22.72	/	/	<=33	Pass
		Outer_Full	26.22	/	/	25.72	/	/	<=33	Pass
		Inner_Full	26.69	/	/	26.19	/	/	<=33	Pass
		Inner_1RB_Left	26.44	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Right	26.69	/	/	26.19	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	23.11	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	23.36	/	/	22.86	/	/	<=33	Pass
		Outer_Full	26.19	/	/	25.69	/	/	<=33	Pass
		Inner_Full	26.76	/	/	26.26	/	/	<=33	Pass
		Inner_1RB_Left	26.52	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Right	26.80	/	/	26.30	/	/	<=33	Pass
DFT-s-OFDM QPSK	2526	Edge_1RB_Left	22.20	/	/	21.70	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.27	/	/	<=33	Pass
		Outer_Full	25.16	/	/	24.66	/	/	<=33	Pass
		Inner_Full	26.21	/	/	25.71	/	/	<=33	Pass
		Inner_1RB_Left	25.73	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	25.80	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.91	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Right	23.14	/	/	22.64	/	/	<=33	Pass
		Outer_Full	25.59	/	/	25.09	/	/	<=33	Pass
		Inner_Full	26.63	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Left	26.41	/	/	25.91	/	/	<=33	Pass
		Inner_1RB_Right	26.71	/	/	26.21	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.92	/	/	22.42	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.68	/	/	<=33	Pass
		Outer_Full	25.78	/	/	25.28	/	/	<=33	Pass
		Inner_Full	26.75	/	/	26.25	/	/	<=33	Pass
		Inner_1RB_Left	26.44	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Right	26.67	/	/	26.17	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Left	22.14	/	/	21.64	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.21	/	/	<=33	Pass
		Outer_Full	24.11	/	/	23.61	/	/	<=33	Pass
		Inner_Full	25.18	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	24.84	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.69	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	23.05	/	/	22.55	/	/	<=33	Pass
		Outer_Full	24.70	/	/	24.20	/	/	<=33	Pass
		Inner_Full	25.69	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Left	25.43	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Right	25.64	/	/	25.14	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.94	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	23.17	/	/	22.67	/	/	<=33	Pass
		Outer_Full	24.77	/	/	24.27	/	/	<=33	Pass
		Inner_Full	25.70	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Right	25.63	/	/	25.13	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Edge_1RB_Left	22.21	/	/	21.71	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	22.36	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.22	/	/	<=33	Pass
		Inner_Full	23.67	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	22.74	/	/	<=33	Pass
		Inner_1RB_Right	23.91	/	/	23.41	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.94	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	22.73	/	/	<=33	Pass
		Outer_Full	24.10	/	/	23.60	/	/	<=33	Pass

		Inner_Full	24.15	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	24.28	/	/	23.78	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.95	/	/	22.45	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	22.80	/	/	<=33	Pass
		Outer_Full	24.28	/	/	23.78	/	/	<=33	Pass
		Inner_Full	24.23	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	24.09	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Right	24.14	/	/	23.64	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Edge_1RB_Left	21.30	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	21.22	/	/	<=33	Pass
		Outer_Full	21.61	/	/	21.11	/	/	<=33	Pass
		Inner_Full	21.67	/	/	21.17	/	/	<=33	Pass
		Inner_1RB_Left	21.30	/	/	20.80	/	/	<=33	Pass
		Inner_1RB_Right	21.97	/	/	21.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.82	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	22.15	/	/	21.65	/	/	<=33	Pass
		Outer_Full	22.09	/	/	21.59	/	/	<=33	Pass
		Inner_Full	22.03	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Left	21.77	/	/	21.27	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	21.69	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.82	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	21.76	/	/	<=33	Pass
		Outer_Full	22.27	/	/	21.77	/	/	<=33	Pass
		Inner_Full	22.26	/	/	21.76	/	/	<=33	Pass
		Inner_1RB_Left	21.95	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Right	22.03	/	/	21.53	/	/	<=33	Pass
CP-OFDM QPSK	2526	Edge_1RB_Left	22.26	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	22.54	/	/	<=33	Pass
		Outer_Full	23.18	/	/	22.68	/	/	<=33	Pass
		Inner_Full	24.68	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	24.30	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	25.08	/	/	24.58	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.06	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Right	23.20	/	/	22.70	/	/	<=33	Pass
		Outer_Full	23.61	/	/	23.11	/	/	<=33	Pass
		Inner_Full	25.06	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	25.02	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	24.74	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	23.09	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	23.35	/	/	22.85	/	/	<=33	Pass
		Outer_Full	23.68	/	/	23.18	/	/	<=33	Pass
		Inner_Full	25.18	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Left	25.01	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Right	25.25	/	/	24.75	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Edge_1RB_Left	22.07	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.27	/	/	<=33	Pass
		Outer_Full	23.20	/	/	22.70	/	/	<=33	Pass
		Inner_Full	24.07	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	22.98	/	/	<=33	Pass
		Inner_1RB_Right	24.25	/	/	23.75	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.76	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	22.51	/	/	<=33	Pass
		Outer_Full	23.60	/	/	23.10	/	/	<=33	Pass
		Inner_Full	24.55	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	24.55	/	/	24.05	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.94	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	23.25	/	/	22.75	/	/	<=33	Pass

		Outer_Full	23.74	/	/	23.24	/	/	<=33	Pass
		Inner_Full	24.74	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Left	24.35	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Right	24.75	/	/	24.25	/	/	<=33	Pass
CP-OFDM 64 QAM	2526	Edge_1RB_Left	22.26	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	22.97	/	/	22.47	/	/	<=33	Pass
		Outer_Full	22.70	/	/	22.20	/	/	<=33	Pass
		Inner_Full	22.68	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	22.51	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	23.03	/	/	22.53	/	/	<=33	Pass
		Edge_1RB_Right	23.33	/	/	22.83	/	/	<=33	Pass
		Outer_Full	23.13	/	/	22.63	/	/	<=33	Pass
		Inner_Full	23.11	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	22.48	/	/	<=33	Pass
		Inner_1RB_Right	23.35	/	/	22.85	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.90	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	23.21	/	/	22.71	/	/	<=33	Pass
		Outer_Full	23.23	/	/	22.73	/	/	<=33	Pass
		Inner_Full	23.24	/	/	22.74	/	/	<=33	Pass
		Inner_1RB_Left	23.07	/	/	22.57	/	/	<=33	Pass
		Inner_1RB_Right	23.22	/	/	22.72	/	/	<=33	Pass
CP-OFDM 256 QAM	2526	Edge_1RB_Left	19.24	/	/	18.74	/	/	<=33	Pass
		Edge_1RB_Right	20.01	/	/	19.51	/	/	<=33	Pass
		Outer_Full	19.71	/	/	19.21	/	/	<=33	Pass
		Inner_Full	19.67	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	18.89	/	/	<=33	Pass
		Inner_1RB_Right	19.90	/	/	19.40	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.92	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	20.25	/	/	19.75	/	/	<=33	Pass
		Outer_Full	20.22	/	/	19.72	/	/	<=33	Pass
		Inner_Full	20.06	/	/	19.56	/	/	<=33	Pass
		Inner_1RB_Left	19.98	/	/	19.48	/	/	<=33	Pass
		Inner_1RB_Right	20.21	/	/	19.71	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	19.97	/	/	19.47	/	/	<=33	Pass
		Edge_1RB_Right	20.27	/	/	19.77	/	/	<=33	Pass
		Outer_Full	20.25	/	/	19.75	/	/	<=33	Pass
		Inner_Full	20.24	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Left	20.01	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Right	20.45	/	/	19.95	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.6 30k_SISO_70MHz_NTNV_EIRP

1.6.1 Test Result

5G NR n41 SCS=30kHz SISO 70MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2531.01	Edge_1RB_Left	22.19	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	22.02	/	/	<=33	Pass
		Outer_Full	25.53	/	/	25.03	/	/	<=33	Pass
		Inner_Full	25.99	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	25.69	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Right	26.06	/	/	25.56	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.95	/	/	22.45	/	/	<=33	Pass

		Edge_1RB_Right	22.99	/	/	22.49	/	/	<=33	Pass
		Outer_Full	26.01	/	/	25.51	/	/	<=33	Pass
		Inner_Full	26.48	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Left	26.32	/	/	25.82	/	/	<=33	Pass
		Inner_1RB_Right	26.56	/	/	26.06	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	22.54	/	/	<=33	Pass
		Outer_Full	26.05	/	/	25.55	/	/	<=33	Pass
		Inner_Full	26.51	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	26.43	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Right	26.58	/	/	26.08	/	/	<=33	Pass
DFT-s-OFDM QPSK	2531.01	Edge_1RB_Left	22.15	/	/	21.65	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.99	/	/	<=33	Pass
		Outer_Full	24.99	/	/	24.49	/	/	<=33	Pass
		Inner_Full	25.96	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	25.70	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Right	25.97	/	/	25.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.82	/	/	22.32	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	22.49	/	/	<=33	Pass
		Outer_Full	25.45	/	/	24.95	/	/	<=33	Pass
		Inner_Full	26.44	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Left	26.24	/	/	25.74	/	/	<=33	Pass
		Inner_1RB_Right	26.58	/	/	26.08	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.88	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	22.48	/	/	<=33	Pass
		Outer_Full	25.53	/	/	25.03	/	/	<=33	Pass
		Inner_Full	26.55	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Left	26.38	/	/	25.88	/	/	<=33	Pass
		Inner_1RB_Right	26.58	/	/	26.08	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2531.01	Edge_1RB_Left	21.99	/	/	21.49	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.93	/	/	<=33	Pass
		Outer_Full	24.01	/	/	23.51	/	/	<=33	Pass
		Inner_Full	24.97	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Left	24.60	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	24.92	/	/	24.42	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.67	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.34	/	/	<=33	Pass
		Outer_Full	24.50	/	/	24.00	/	/	<=33	Pass
		Inner_Full	25.39	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Left	25.26	/	/	24.76	/	/	<=33	Pass
		Inner_1RB_Right	25.48	/	/	24.98	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.88	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	22.50	/	/	<=33	Pass
		Outer_Full	24.57	/	/	24.07	/	/	<=33	Pass
		Inner_Full	25.56	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	25.39	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	24.94	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2531.01	Edge_1RB_Left	22.19	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	22.05	/	/	<=33	Pass
		Outer_Full	23.49	/	/	22.99	/	/	<=33	Pass
		Inner_Full	23.50	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	23.04	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.74	/	/	22.24	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	22.58	/	/	<=33	Pass
		Outer_Full	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_Full	23.92	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Left	23.86	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Right	24.04	/	/	23.54	/	/	<=33	Pass

	2655	Edge_1RB_Left	22.93	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	23.10	/	/	22.60	/	/	<=33	Pass
		Outer_Full	24.11	/	/	23.61	/	/	<=33	Pass
		Inner_Full	24.02	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	24.01	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Right	24.17	/	/	23.67	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2531.01	Edge_1RB_Left	21.21	/	/	20.71	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	21.11	/	/	<=33	Pass
		Outer_Full	21.48	/	/	20.98	/	/	<=33	Pass
		Inner_Full	21.50	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	21.20	/	/	20.70	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	20.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.89	/	/	21.39	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	21.45	/	/	<=33	Pass
		Outer_Full	21.96	/	/	21.46	/	/	<=33	Pass
		Inner_Full	21.95	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Left	21.79	/	/	21.29	/	/	<=33	Pass
		Inner_1RB_Right	21.98	/	/	21.48	/	/	<=33	Pass
	2655	Edge_1RB_Left	21.90	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	22.01	/	/	21.51	/	/	<=33	Pass
		Outer_Full	22.08	/	/	21.58	/	/	<=33	Pass
		Inner_Full	22.04	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Left	21.91	/	/	21.41	/	/	<=33	Pass
		Inner_1RB_Right	22.05	/	/	21.55	/	/	<=33	Pass
CP-OFDM QPSK	2531.01	Edge_1RB_Left	22.19	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.37	/	/	<=33	Pass
		Outer_Full	22.98	/	/	22.48	/	/	<=33	Pass
		Inner_Full	24.45	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	24.17	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	24.81	/	/	24.31	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.86	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	23.05	/	/	22.55	/	/	<=33	Pass
		Outer_Full	23.51	/	/	23.01	/	/	<=33	Pass
		Inner_Full	24.91	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Left	24.88	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Right	25.07	/	/	24.57	/	/	<=33	Pass
	2655	Edge_1RB_Left	23.07	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	22.73	/	/	<=33	Pass
		Outer_Full	23.53	/	/	23.03	/	/	<=33	Pass
		Inner_Full	24.99	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	24.91	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Right	25.16	/	/	24.66	/	/	<=33	Pass
CP-OFDM 16 QAM	2531.01	Edge_1RB_Left	21.90	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.03	/	/	<=33	Pass
		Outer_Full	22.96	/	/	22.46	/	/	<=33	Pass
		Inner_Full	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Right	23.91	/	/	23.41	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.48	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	22.51	/	/	<=33	Pass
		Outer_Full	23.52	/	/	23.02	/	/	<=33	Pass
		Inner_Full	24.45	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	24.41	/	/	23.91	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	22.48	/	/	<=33	Pass
		Outer_Full	23.55	/	/	23.05	/	/	<=33	Pass
		Inner_Full	24.49	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Left	24.23	/	/	23.73	/	/	<=33	Pass

		Inner_1RB_Right	24.47	/	/	23.97	/	/	<=33	Pass
CP-OFDM 64 QAM	2531.01	Edge_1RB_Left	22.00	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.03	/	/	<=33	Pass
		Outer_Full	22.50	/	/	22.00	/	/	<=33	Pass
		Inner_Full	22.52	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	22.06	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Right	22.51	/	/	22.01	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.85	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.63	/	/	<=33	Pass
		Outer_Full	23.03	/	/	22.53	/	/	<=33	Pass
		Inner_Full	23.00	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Left	22.82	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	22.50	/	/	<=33	Pass
	2655	Edge_1RB_Left	23.04	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	23.03	/	/	22.53	/	/	<=33	Pass
		Outer_Full	23.07	/	/	22.57	/	/	<=33	Pass
		Inner_Full	23.03	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Right	23.09	/	/	22.59	/	/	<=33	Pass
CP-OFDM 256 QAM	2531.01	Edge_1RB_Left	19.10	/	/	18.60	/	/	<=33	Pass
		Edge_1RB_Right	19.58	/	/	19.08	/	/	<=33	Pass
		Outer_Full	19.60	/	/	19.10	/	/	<=33	Pass
		Inner_Full	19.50	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Left	19.11	/	/	18.61	/	/	<=33	Pass
		Inner_1RB_Right	19.60	/	/	19.10	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.81	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	19.52	/	/	<=33	Pass
		Outer_Full	19.97	/	/	19.47	/	/	<=33	Pass
		Inner_Full	20.00	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	19.87	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Right	19.94	/	/	19.44	/	/	<=33	Pass
	2655	Edge_1RB_Left	19.95	/	/	19.45	/	/	<=33	Pass
		Edge_1RB_Right	20.13	/	/	19.63	/	/	<=33	Pass
		Outer_Full	20.05	/	/	19.55	/	/	<=33	Pass
		Inner_Full	20.12	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Left	20.00	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Right	20.13	/	/	19.63	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.7 30k_SISO_80MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n41 SCS=30kHz SISO 80MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2536.02	Edge_1RB_Left	22.08	/	/	21.58	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	22.04	/	/	<=33	Pass
		Outer_Full	25.50	/	/	25.00	/	/	<=33	Pass
		Inner_Full	26.11	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Left	25.67	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Right	26.09	/	/	25.59	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.76	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	22.46	/	/	<=33	Pass
		Outer_Full	25.96	/	/	25.46	/	/	<=33	Pass
		Inner_Full	26.49	/	/	25.99	/	/	<=33	Pass

		Inner_1RB_Left	26.31	/	/	25.81	/	/	<=33	Pass
		Inner_1RB_Right	26.52	/	/	26.02	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	23.08	/	/	22.58	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	22.57	/	/	<=33	Pass
		Outer_Full	26.08	/	/	25.58	/	/	<=33	Pass
		Inner_Full	26.48	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Left	26.38	/	/	25.88	/	/	<=33	Pass
		Inner_1RB_Right	26.55	/	/	26.05	/	/	<=33	Pass
DFT-s-OFDM QPSK	2536.02	Edge_1RB_Left	22.08	/	/	21.58	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	22.07	/	/	<=33	Pass
		Outer_Full	24.97	/	/	24.47	/	/	<=33	Pass
		Inner_Full	26.01	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Left	25.73	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Right	26.07	/	/	25.57	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.70	/	/	22.20	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	22.43	/	/	<=33	Pass
		Outer_Full	25.48	/	/	24.98	/	/	<=33	Pass
		Inner_Full	26.48	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Left	26.23	/	/	25.73	/	/	<=33	Pass
		Inner_1RB_Right	26.51	/	/	26.01	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.71	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	22.46	/	/	<=33	Pass
		Outer_Full	25.58	/	/	25.08	/	/	<=33	Pass
		Inner_Full	26.46	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Left	26.34	/	/	25.84	/	/	<=33	Pass
		Inner_1RB_Right	26.50	/	/	26.00	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Edge_1RB_Left	21.88	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	21.92	/	/	<=33	Pass
		Outer_Full	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_Full	25.00	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Left	24.57	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	24.43	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.54	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.30	/	/	<=33	Pass
		Outer_Full	24.35	/	/	23.85	/	/	<=33	Pass
		Inner_Full	25.44	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Left	25.10	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Right	25.37	/	/	24.87	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.55	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.35	/	/	<=33	Pass
		Outer_Full	24.48	/	/	23.98	/	/	<=33	Pass
		Inner_Full	25.52	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Right	25.39	/	/	24.89	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Edge_1RB_Left	21.97	/	/	21.47	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	22.02	/	/	<=33	Pass
		Outer_Full	23.53	/	/	23.03	/	/	<=33	Pass
		Inner_Full	23.59	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	22.51	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	23.06	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.65	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	22.44	/	/	<=33	Pass
		Outer_Full	23.99	/	/	23.49	/	/	<=33	Pass
		Inner_Full	23.87	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Right	24.06	/	/	23.56	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.82	/	/	22.32	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	22.48	/	/	<=33	Pass
		Outer_Full	23.92	/	/	23.42	/	/	<=33	Pass

		Inner_Full	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	23.84	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Right	24.09	/	/	23.59	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge_1RB_Left	21.22	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	21.22	/	/	<=33	Pass
		Outer_Full	21.50	/	/	21.00	/	/	<=33	Pass
		Inner_Full	21.57	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	21.28	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Right	21.75	/	/	21.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.70	/	/	21.20	/	/	<=33	Pass
		Edge_1RB_Right	22.03	/	/	21.53	/	/	<=33	Pass
		Outer_Full	21.86	/	/	21.36	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Right	22.01	/	/	21.51	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.85	/	/	21.35	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	21.41	/	/	<=33	Pass
		Outer_Full	21.91	/	/	21.41	/	/	<=33	Pass
		Inner_Full	22.08	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Right	22.00	/	/	21.50	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Edge_1RB_Left	22.14	/	/	21.64	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	22.31	/	/	<=33	Pass
		Outer_Full	22.97	/	/	22.47	/	/	<=33	Pass
		Inner_Full	24.58	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	24.05	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	24.53	/	/	24.03	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.91	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.68	/	/	<=33	Pass
		Outer_Full	23.30	/	/	22.80	/	/	<=33	Pass
		Inner_Full	24.83	/	/	24.33	/	/	<=33	Pass
		Inner_1RB_Left	24.71	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	25.26	/	/	24.76	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.92	/	/	22.42	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	22.66	/	/	<=33	Pass
		Outer_Full	23.50	/	/	23.00	/	/	<=33	Pass
		Inner_Full	25.07	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	24.90	/	/	24.40	/	/	<=33	Pass
		Inner_1RB_Right	25.11	/	/	24.61	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Edge_1RB_Left	21.88	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	22.10	/	/	<=33	Pass
		Outer_Full	22.96	/	/	22.46	/	/	<=33	Pass
		Inner_Full	24.08	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Right	23.94	/	/	23.44	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.59	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	22.51	/	/	<=33	Pass
		Outer_Full	23.32	/	/	22.82	/	/	<=33	Pass
		Inner_Full	24.36	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	24.47	/	/	23.97	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.61	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	22.36	/	/	<=33	Pass
		Outer_Full	23.48	/	/	22.98	/	/	<=33	Pass
		Inner_Full	24.42	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	23.87	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.10	/	/	21.60	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	22.05	/	/	<=33	Pass

		Outer_Full	22.49	/	/	21.99	/	/	<=33	Pass
		Inner_Full	22.55	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	22.02	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	22.51	/	/	22.01	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.65	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	22.58	/	/	<=33	Pass
		Outer_Full	22.88	/	/	22.38	/	/	<=33	Pass
		Inner_Full	22.85	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Left	22.85	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Right	23.08	/	/	22.58	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.89	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.40	/	/	<=33	Pass
		Outer_Full	23.04	/	/	22.54	/	/	<=33	Pass
		Inner_Full	22.98	/	/	22.48	/	/	<=33	Pass
		Inner_1RB_Left	22.94	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	22.22	/	/	<=33	Pass
CP-OFDM 256 QAM	2536.02	Edge_1RB_Left	18.90	/	/	18.40	/	/	<=33	Pass
		Edge_1RB_Right	19.78	/	/	19.28	/	/	<=33	Pass
		Outer_Full	19.61	/	/	19.11	/	/	<=33	Pass
		Inner_Full	19.60	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Left	19.20	/	/	18.70	/	/	<=33	Pass
		Inner_1RB_Right	19.46	/	/	18.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.61	/	/	19.11	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	19.50	/	/	<=33	Pass
		Outer_Full	19.85	/	/	19.35	/	/	<=33	Pass
		Inner_Full	19.89	/	/	19.39	/	/	<=33	Pass
		Inner_1RB_Left	19.78	/	/	19.28	/	/	<=33	Pass
		Inner_1RB_Right	19.97	/	/	19.47	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	19.74	/	/	19.24	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	19.52	/	/	<=33	Pass
		Outer_Full	20.21	/	/	19.71	/	/	<=33	Pass
		Inner_Full	20.05	/	/	19.55	/	/	<=33	Pass
		Inner_1RB_Left	19.89	/	/	19.39	/	/	<=33	Pass
		Inner_1RB_Right	20.02	/	/	19.52	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.8 30k_SISO_90MHz_NTNV_EIRP

1.8.1 Test Result

5G NR n41 SCS=30kHz SISO 90MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2541	Edge_1RB_Left	22.02	/	/	21.52	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	22.04	/	/	<=33	Pass
		Outer_Full	25.53	/	/	25.03	/	/	<=33	Pass
		Inner_Full	26.13	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	25.53	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Right	26.07	/	/	25.57	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.74	/	/	22.24	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	22.63	/	/	<=33	Pass
		Outer_Full	25.91	/	/	25.41	/	/	<=33	Pass
		Inner_Full	26.51	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	26.31	/	/	25.81	/	/	<=33	Pass
		Inner_1RB_Right	26.56	/	/	26.06	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.83	/	/	22.33	/	/	<=33	Pass

		Edge_1RB_Right	23.10	/	/	22.60	/	/	<=33	Pass
		Outer_Full	25.99	/	/	25.49	/	/	<=33	Pass
		Inner_Full	26.48	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Left	26.29	/	/	25.79	/	/	<=33	Pass
		Inner_1RB_Right	26.66	/	/	26.16	/	/	<=33	Pass
DFT-s-OFDM QPSK	2541	Edge_1RB_Left	22.04	/	/	21.54	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	22.00	/	/	<=33	Pass
		Outer_Full	25.00	/	/	24.50	/	/	<=33	Pass
		Inner_Full	26.14	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Left	25.54	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	26.07	/	/	25.57	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.63	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	22.50	/	/	<=33	Pass
		Outer_Full	25.39	/	/	24.89	/	/	<=33	Pass
		Inner_Full	26.40	/	/	25.90	/	/	<=33	Pass
		Inner_1RB_Left	26.29	/	/	25.79	/	/	<=33	Pass
		Inner_1RB_Right	26.53	/	/	26.03	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.60	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	23.11	/	/	22.61	/	/	<=33	Pass
		Outer_Full	25.57	/	/	25.07	/	/	<=33	Pass
		Inner_Full	26.51	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	26.17	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Right	26.48	/	/	25.98	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge_1RB_Left	21.99	/	/	21.49	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	21.92	/	/	<=33	Pass
		Outer_Full	24.01	/	/	23.51	/	/	<=33	Pass
		Inner_Full	25.14	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Left	24.47	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Right	24.95	/	/	24.45	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.52	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	22.43	/	/	<=33	Pass
		Outer_Full	24.37	/	/	23.87	/	/	<=33	Pass
		Inner_Full	25.42	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Left	25.07	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Right	25.50	/	/	25.00	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.60	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	22.49	/	/	<=33	Pass
		Outer_Full	24.48	/	/	23.98	/	/	<=33	Pass
		Inner_Full	25.54	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Right	25.49	/	/	24.99	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Edge_1RB_Left	22.14	/	/	21.64	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	22.16	/	/	<=33	Pass
		Outer_Full	23.46	/	/	22.96	/	/	<=33	Pass
		Inner_Full	23.63	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	23.13	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.64	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	22.52	/	/	<=33	Pass
		Outer_Full	23.91	/	/	23.41	/	/	<=33	Pass
		Inner_Full	23.90	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Left	23.80	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	23.43	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.65	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	22.50	/	/	<=33	Pass
		Outer_Full	24.01	/	/	23.51	/	/	<=33	Pass
		Inner_Full	24.02	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Right	24.06	/	/	23.56	/	/	<=33	Pass

DFT-s-OFDM 256 QAM	2541	Edge_1RB_Left	21.03	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	21.18	/	/	<=33	Pass
		Outer_Full	21.39	/	/	20.89	/	/	<=33	Pass
		Inner_Full	21.56	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	21.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.63	/	/	21.13	/	/	<=33	Pass
		Edge_1RB_Right	22.01	/	/	21.51	/	/	<=33	Pass
		Outer_Full	21.83	/	/	21.33	/	/	<=33	Pass
		Inner_Full	21.85	/	/	21.35	/	/	<=33	Pass
		Inner_1RB_Left	21.66	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Right	22.02	/	/	21.52	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.80	/	/	21.30	/	/	<=33	Pass
		Edge_1RB_Right	22.03	/	/	21.53	/	/	<=33	Pass
		Outer_Full	21.94	/	/	21.44	/	/	<=33	Pass
		Inner_Full	21.97	/	/	21.47	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	21.17	/	/	<=33	Pass
		Inner_1RB_Right	22.16	/	/	21.66	/	/	<=33	Pass
CP-OFDM QPSK	2541	Edge_1RB_Left	22.12	/	/	21.62	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.97	/	/	<=33	Pass
		Outer_Full	22.94	/	/	22.44	/	/	<=33	Pass
		Inner_Full	24.61	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	24.67	/	/	24.17	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.78	/	/	22.28	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	22.66	/	/	<=33	Pass
		Outer_Full	23.36	/	/	22.86	/	/	<=33	Pass
		Inner_Full	24.95	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Left	24.85	/	/	24.35	/	/	<=33	Pass
		Inner_1RB_Right	25.11	/	/	24.61	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.77	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Right	23.22	/	/	22.72	/	/	<=33	Pass
		Outer_Full	23.48	/	/	22.98	/	/	<=33	Pass
		Inner_Full	24.94	/	/	24.44	/	/	<=33	Pass
		Inner_1RB_Left	24.89	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	24.74	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Edge_1RB_Left	21.90	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	21.90	/	/	<=33	Pass
		Outer_Full	22.94	/	/	22.44	/	/	<=33	Pass
		Inner_Full	24.11	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	23.43	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.54	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	22.89	/	/	22.39	/	/	<=33	Pass
		Outer_Full	23.39	/	/	22.89	/	/	<=33	Pass
		Inner_Full	24.43	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	24.10	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	24.39	/	/	23.89	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.43	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.40	/	/	<=33	Pass
		Outer_Full	23.47	/	/	22.97	/	/	<=33	Pass
		Inner_Full	24.44	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	24.03	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Right	24.49	/	/	23.99	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Edge_1RB_Left	22.29	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	22.11	/	/	<=33	Pass
		Outer_Full	22.46	/	/	21.96	/	/	<=33	Pass
		Inner_Full	22.57	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	22.17	/	/	21.67	/	/	<=33	Pass

		Inner_1RB_Right	22.66	/	/	22.16	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.95	/	/	22.45	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	22.59	/	/	<=33	Pass
		Outer_Full	22.93	/	/	22.43	/	/	<=33	Pass
		Inner_Full	22.90	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Left	22.73	/	/	22.23	/	/	<=33	Pass
		Inner_1RB_Right	23.23	/	/	22.73	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.67	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	22.51	/	/	<=33	Pass
		Outer_Full	23.07	/	/	22.57	/	/	<=33	Pass
		Inner_Full	22.90	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	22.37	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	22.56	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Edge_1RB_Left	19.11	/	/	18.61	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	19.10	/	/	<=33	Pass
		Outer_Full	19.35	/	/	18.85	/	/	<=33	Pass
		Inner_Full	19.62	/	/	19.12	/	/	<=33	Pass
		Inner_1RB_Left	19.14	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Right	19.59	/	/	19.09	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.78	/	/	19.28	/	/	<=33	Pass
		Edge_1RB_Right	20.16	/	/	19.66	/	/	<=33	Pass
		Outer_Full	19.90	/	/	19.40	/	/	<=33	Pass
		Inner_Full	19.85	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Left	19.71	/	/	19.21	/	/	<=33	Pass
		Inner_1RB_Right	20.08	/	/	19.58	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	19.63	/	/	19.13	/	/	<=33	Pass
		Edge_1RB_Right	20.25	/	/	19.75	/	/	<=33	Pass
		Outer_Full	20.12	/	/	19.62	/	/	<=33	Pass
		Inner_Full	20.00	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	19.76	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	19.69	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.9 30k_SISO_100MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n41 SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2546.01	Edge_1RB_Left	22.13	/	/	21.63	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	22.08	/	/	<=33	Pass
		Outer_Full	25.53	/	/	25.03	/	/	<=33	Pass
		Inner_Full	26.07	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Left	25.61	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Right	26.13	/	/	25.63	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.95	/	/	22.45	/	/	<=33	Pass
		Edge_1RB_Right	23.19	/	/	22.69	/	/	<=33	Pass
		Outer_Full	25.95	/	/	25.45	/	/	<=33	Pass
		Inner_Full	26.47	/	/	25.97	/	/	<=33	Pass
		Inner_1RB_Left	26.51	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Right	26.76	/	/	26.26	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.75	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	23.19	/	/	22.69	/	/	<=33	Pass
		Outer_Full	26.06	/	/	25.56	/	/	<=33	Pass
		Inner_Full	26.65	/	/	26.15	/	/	<=33	Pass

		Inner_1RB_Left	26.24	/	/	25.74	/	/	<=33	Pass
		Inner_1RB_Right	26.79	/	/	26.29	/	/	<=33	Pass
DFT-s-OFDM QPSK	2546.01	Edge_1RB_Left	22.03	/	/	21.53	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	22.10	/	/	<=33	Pass
		Outer_Full	25.03	/	/	24.53	/	/	<=33	Pass
		Inner_Full	26.09	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Left	25.54	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	26.17	/	/	25.67	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.88	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.68	/	/	<=33	Pass
		Outer_Full	25.48	/	/	24.98	/	/	<=33	Pass
		Inner_Full	26.54	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Left	26.33	/	/	25.83	/	/	<=33	Pass
		Inner_1RB_Right	26.72	/	/	26.22	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.62	/	/	22.12	/	/	<=33	Pass
		Edge_1RB_Right	23.21	/	/	22.71	/	/	<=33	Pass
		Outer_Full	25.55	/	/	25.05	/	/	<=33	Pass
		Inner_Full	26.53	/	/	26.03	/	/	<=33	Pass
		Inner_1RB_Left	26.09	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Right	26.58	/	/	26.08	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2546.01	Edge_1RB_Left	21.92	/	/	21.42	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	22.00	/	/	<=33	Pass
		Outer_Full	24.01	/	/	23.51	/	/	<=33	Pass
		Inner_Full	25.06	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	24.50	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Right	24.97	/	/	24.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.65	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	22.43	/	/	<=33	Pass
		Outer_Full	24.37	/	/	23.87	/	/	<=33	Pass
		Inner_Full	25.45	/	/	24.95	/	/	<=33	Pass
		Inner_1RB_Left	25.17	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	25.01	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.53	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	22.48	/	/	<=33	Pass
		Outer_Full	24.50	/	/	24.00	/	/	<=33	Pass
		Inner_Full	25.51	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Left	24.97	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	25.53	/	/	25.03	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2546.01	Edge_1RB_Left	22.09	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.45	/	/	22.95	/	/	<=33	Pass
		Inner_Full	23.55	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Left	23.17	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	23.20	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.70	/	/	22.20	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	22.58	/	/	<=33	Pass
		Outer_Full	23.98	/	/	23.48	/	/	<=33	Pass
		Inner_Full	23.99	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Right	24.10	/	/	23.60	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.62	/	/	22.12	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	22.66	/	/	<=33	Pass
		Outer_Full	24.03	/	/	23.53	/	/	<=33	Pass
		Inner_Full	23.99	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	23.18	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	23.71	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2546.01	Edge_1RB_Left	21.06	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	21.41	/	/	20.91	/	/	<=33	Pass
		Outer_Full	21.42	/	/	20.92	/	/	<=33	Pass

		Inner_Full	21.57	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	21.08	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	21.28	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.79	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	21.59	/	/	<=33	Pass
		Outer_Full	21.93	/	/	21.43	/	/	<=33	Pass
		Inner_Full	22.00	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Left	22.01	/	/	21.51	/	/	<=33	Pass
		Inner_1RB_Right	22.09	/	/	21.59	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.64	/	/	21.14	/	/	<=33	Pass
		Edge_1RB_Right	22.29	/	/	21.79	/	/	<=33	Pass
		Outer_Full	22.06	/	/	21.56	/	/	<=33	Pass
		Inner_Full	21.96	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Left	21.55	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	21.54	/	/	<=33	Pass
CP-OFDM QPSK	2546.01	Edge_1RB_Left	22.24	/	/	21.74	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.19	/	/	<=33	Pass
		Outer_Full	22.97	/	/	22.47	/	/	<=33	Pass
		Inner_Full	24.70	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Left	24.10	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	24.89	/	/	24.39	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.96	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	23.29	/	/	22.79	/	/	<=33	Pass
		Outer_Full	23.50	/	/	23.00	/	/	<=33	Pass
		Inner_Full	24.96	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Left	24.77	/	/	24.27	/	/	<=33	Pass
		Inner_1RB_Right	25.30	/	/	24.80	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.81	/	/	22.31	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	22.80	/	/	<=33	Pass
		Outer_Full	23.56	/	/	23.06	/	/	<=33	Pass
		Inner_Full	25.14	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Left	24.55	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Right	25.06	/	/	24.56	/	/	<=33	Pass
CP-OFDM 16 QAM	2546.01	Edge_1RB_Left	21.96	/	/	21.46	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	21.96	/	/	<=33	Pass
		Outer_Full	22.98	/	/	22.48	/	/	<=33	Pass
		Inner_Full	24.34	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	23.40	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	23.55	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.67	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	22.48	/	/	<=33	Pass
		Outer_Full	23.38	/	/	22.88	/	/	<=33	Pass
		Inner_Full	24.34	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	24.08	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	24.62	/	/	24.12	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.52	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.40	/	/	<=33	Pass
		Outer_Full	23.57	/	/	23.07	/	/	<=33	Pass
		Inner_Full	24.48	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Right	24.49	/	/	23.99	/	/	<=33	Pass
CP-OFDM 64 QAM	2546.01	Edge_1RB_Left	22.10	/	/	21.60	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.38	/	/	<=33	Pass
		Outer_Full	22.45	/	/	21.95	/	/	<=33	Pass
		Inner_Full	22.59	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Left	22.06	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Right	22.63	/	/	22.13	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.76	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	22.57	/	/	<=33	Pass

		Outer_Full	22.84	/	/	22.34	/	/	<=33	Pass
		Inner_Full	22.84	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Left	22.72	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	22.64	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.64	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Right	23.31	/	/	22.81	/	/	<=33	Pass
		Outer_Full	23.07	/	/	22.57	/	/	<=33	Pass
		Inner_Full	22.97	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	23.17	/	/	22.67	/	/	<=33	Pass
CP-OFDM 256 QAM	2546.01	Edge_1RB_Left	19.06	/	/	18.56	/	/	<=33	Pass
		Edge_1RB_Right	19.67	/	/	19.17	/	/	<=33	Pass
		Outer_Full	19.45	/	/	18.95	/	/	<=33	Pass
		Inner_Full	19.57	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	19.15	/	/	18.65	/	/	<=33	Pass
		Inner_1RB_Right	19.67	/	/	19.17	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.76	/	/	19.26	/	/	<=33	Pass
		Edge_1RB_Right	20.20	/	/	19.70	/	/	<=33	Pass
		Outer_Full	19.89	/	/	19.39	/	/	<=33	Pass
		Inner_Full	19.92	/	/	19.42	/	/	<=33	Pass
		Inner_1RB_Left	19.81	/	/	19.31	/	/	<=33	Pass
		Inner_1RB_Right	20.18	/	/	19.68	/	/	<=33	Pass
	2640	Edge_1RB_Left	19.56	/	/	19.06	/	/	<=33	Pass
		Edge_1RB_Right	20.18	/	/	19.68	/	/	<=33	Pass
		Outer_Full	20.06	/	/	19.56	/	/	<=33	Pass
		Inner_Full	19.97	/	/	19.47	/	/	<=33	Pass
		Inner_1RB_Left	19.73	/	/	19.23	/	/	<=33	Pass
		Inner_1RB_Right	20.11	/	/	19.61	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 30k_SISO_100MHz

2.1.1 Test Result

5G NR n41 SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-13.50	-0.0052	>=-2.5 & <=2.5	Pass
				HV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-13.20	-0.0051	>=-2.5 & <=2.5	Pass
			20	NV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
			30	NV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-15.60	-0.0060	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-15.00	-0.0058	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass

			0	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass
			50	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-21.10	-0.0081	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-16.60	-0.0064	>=-2.5 & <=2.5	Pass
			-10	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-16.80	-0.0065	>=-2.5 & <=2.5	Pass
			10	NV	-13.60	-0.0052	>=-2.5 & <=2.5	Pass
			20	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-14.80	-0.0057	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-13.10	-0.0051	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-16.90	-0.0065	>=-2.5 & <=2.5	Pass
			10	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-21.30	-0.0082	>=-2.5 & <=2.5	Pass
			40	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
			20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass

			40	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			50	NV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-12.30	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-15.00	-0.0058	>=-2.5 & <=2.5	Pass
			50	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	6.00	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-14.10	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	-14.10	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 30k_SISO_20MHz_NTNV

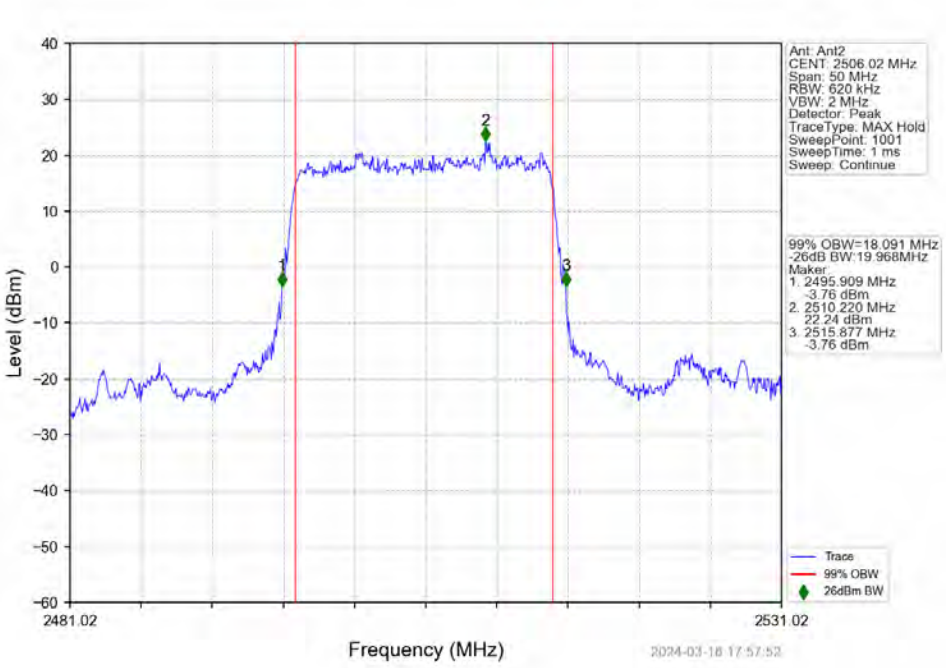
3.1.1 Test Result

5G NR n41 SCS=30kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2506.02	Outer_Full	18.09	19.97	/	Pass
	2592.99	Outer_Full	18.08	19.93	/	Pass
	2679.99	Outer_Full	18.13	19.96	/	Pass
DFT-s-OFDM QPSK	2506.02	Outer_Full	18.14	19.93	/	Pass
	2592.99	Outer_Full	18.17	20.16	/	Pass
	2679.99	Outer_Full	18.15	19.98	/	Pass
DFT-s-OFDM 16 QAM	2506.02	Outer_Full	18.12	19.82	/	Pass
	2592.99	Outer_Full	18.18	19.87	/	Pass
	2679.99	Outer_Full	18.13	19.98	/	Pass
DFT-s-OFDM 64 QAM	2506.02	Outer_Full	18.14	20.13	/	Pass
	2592.99	Outer_Full	18.19	20.16	/	Pass
	2679.99	Outer_Full	18.14	20.07	/	Pass
DFT-s-OFDM 256 QAM	2506.02	Outer_Full	18.06	19.80	/	Pass
	2592.99	Outer_Full	18.06	19.80	/	Pass
	2679.99	Outer_Full	18.09	20.05	/	Pass
CP-OFDM QPSK	2506.02	Outer_Full	18.43	20.34	/	Pass
	2592.99	Outer_Full	18.45	22.11	/	Pass
	2679.99	Outer_Full	18.43	20.38	/	Pass
CP-OFDM 16 QAM	2506.02	Outer_Full	18.41	20.55	/	Pass
	2592.99	Outer_Full	18.44	21.39	/	Pass
	2679.99	Outer_Full	18.42	20.39	/	Pass
CP-OFDM 64 QAM	2506.02	Outer_Full	18.43	20.41	/	Pass

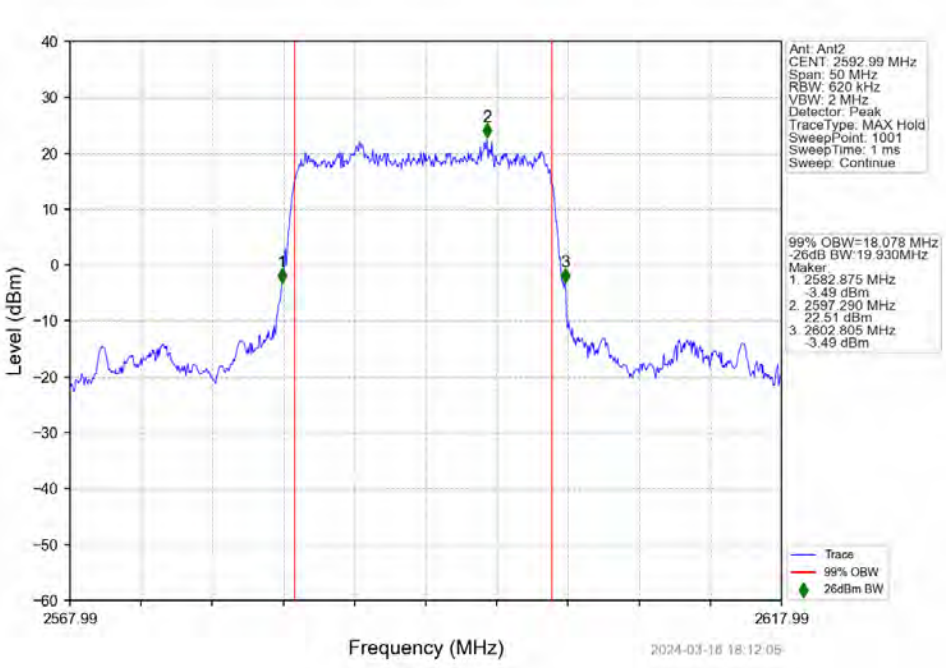
	2592.99	Outer_Full	18.47	21.20	/	Pass
	2679.99	Outer_Full	18.43	20.46	/	Pass
CP-OFDM 256 QAM	2506.02	Outer_Full	18.39	20.30	/	Pass
	2592.99	Outer_Full	18.35	20.34	/	Pass
	2679.99	Outer_Full	18.40	20.42	/	Pass

3.1.2 Test Graph

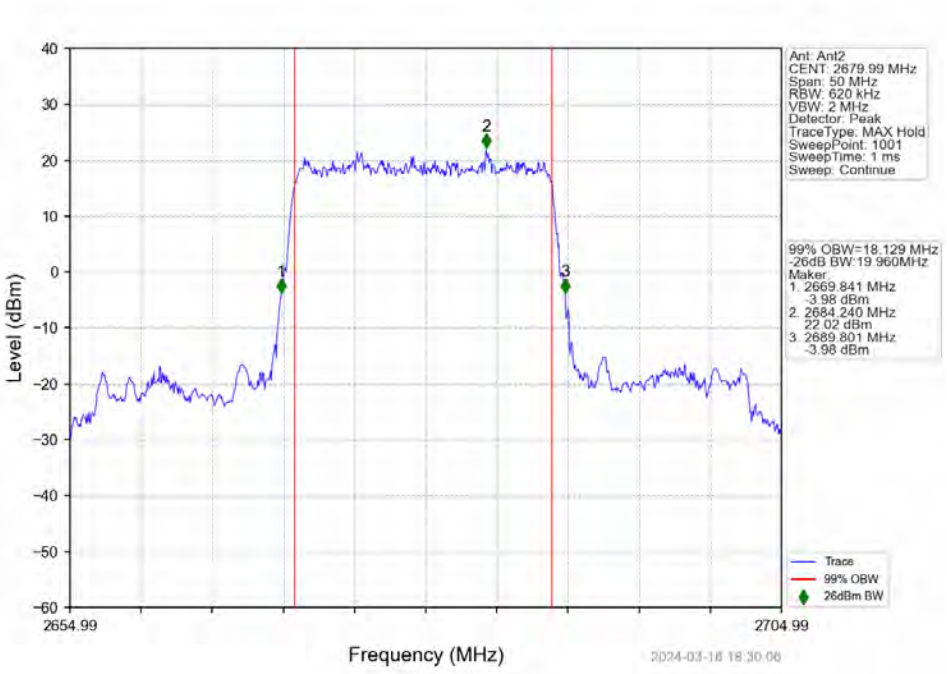
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2506.02MHz_Outer_Full



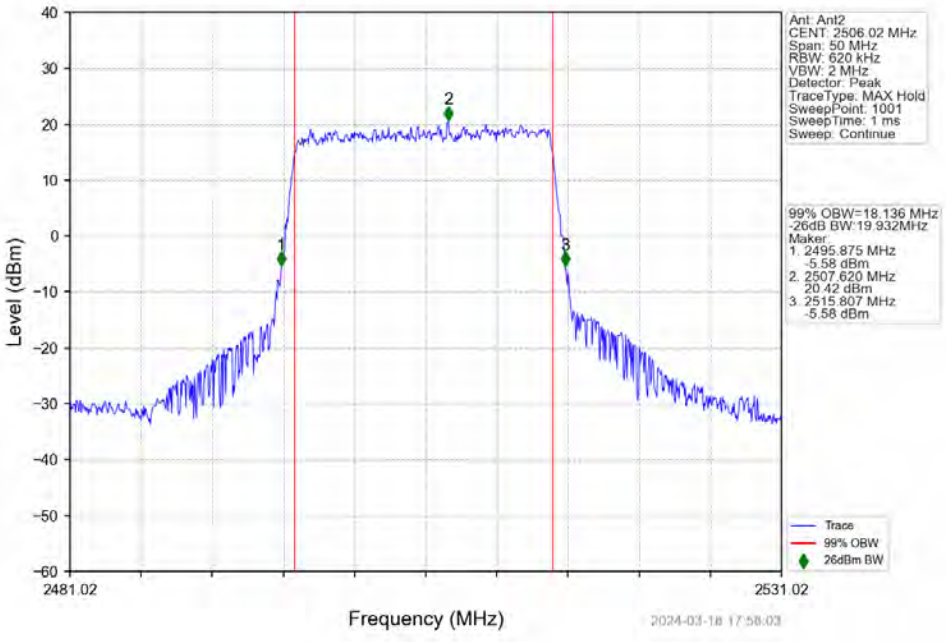
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full



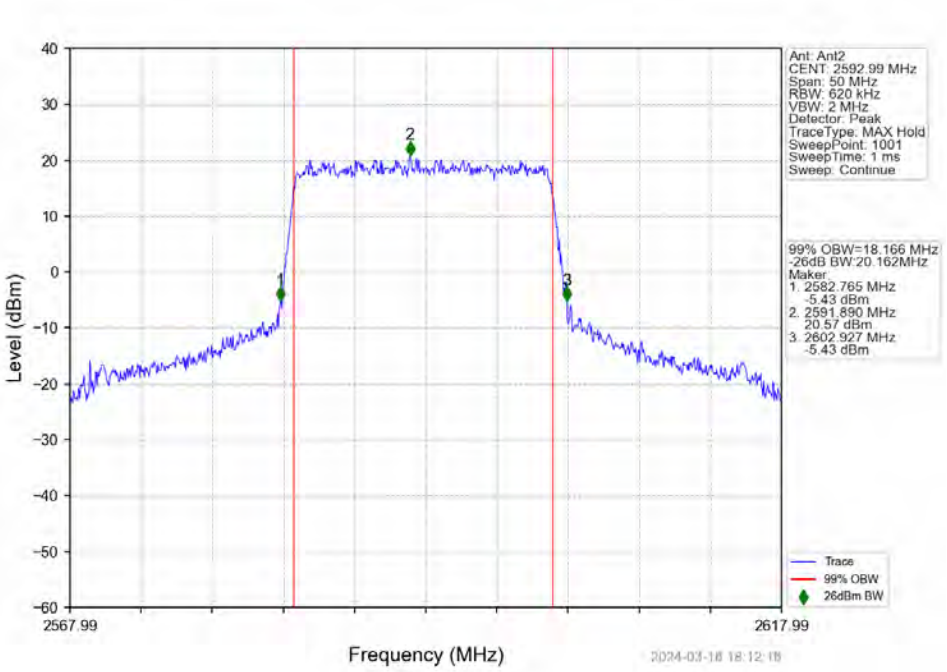
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2679.99MHz_Outer_Full



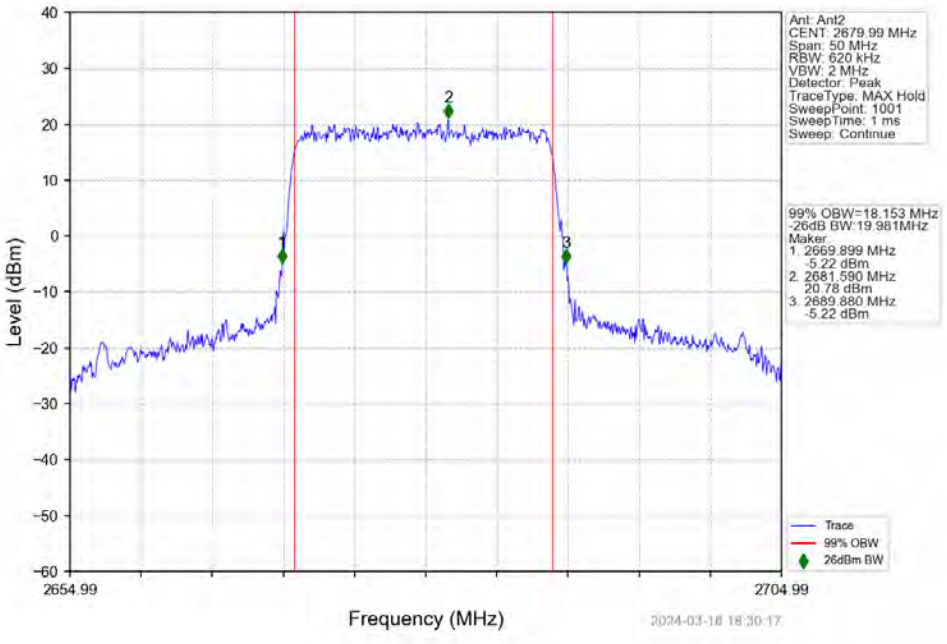
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2506.02MHz_Outer_Full



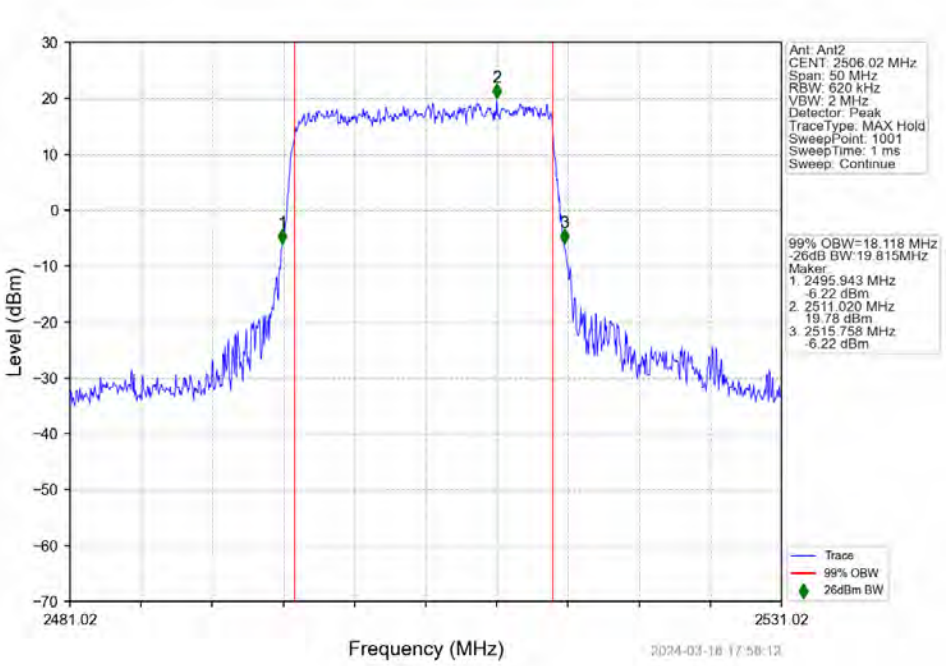
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full



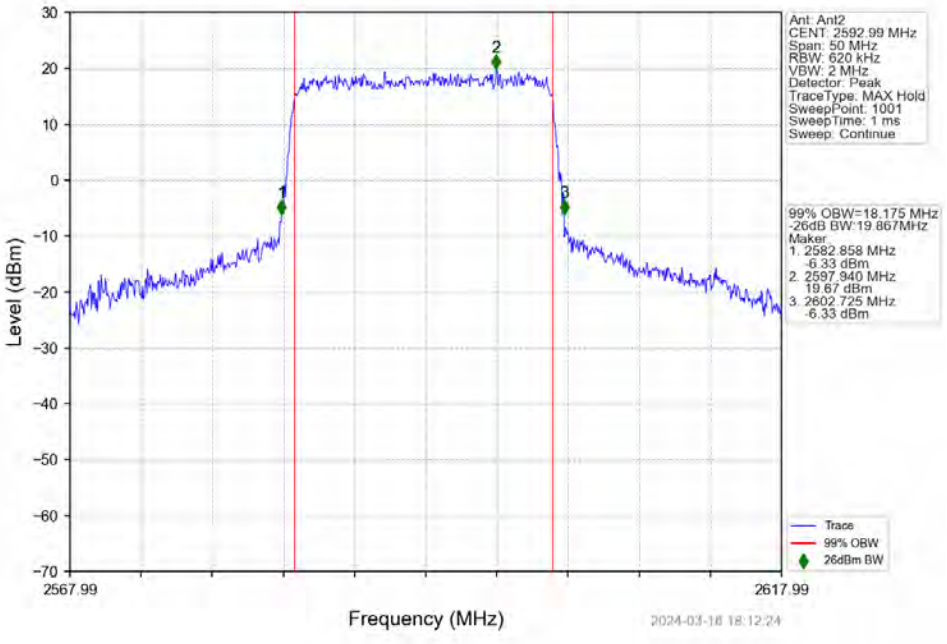
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2679.99MHz_Outer_Full



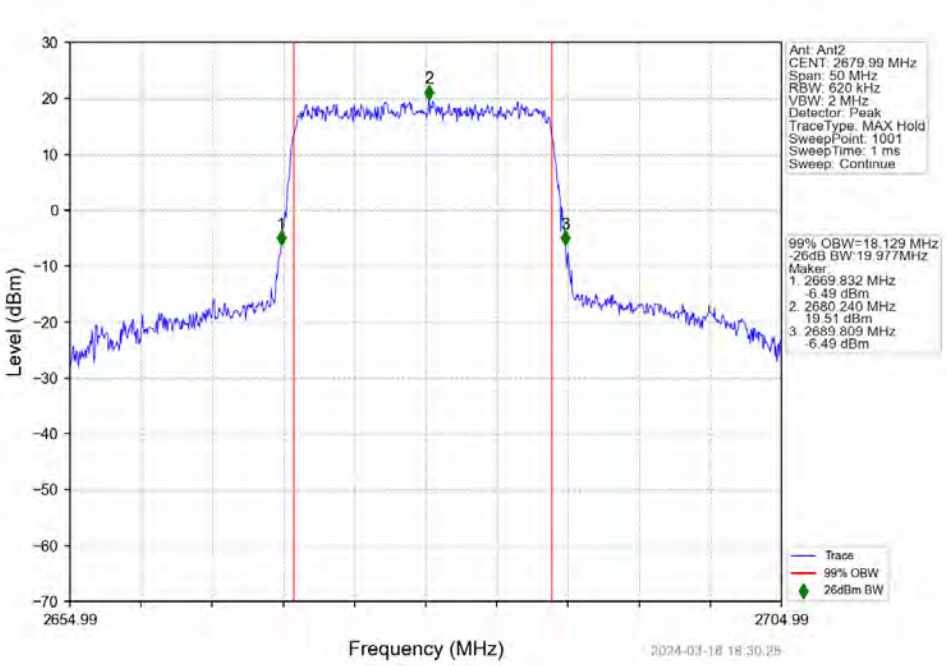
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_2506.02MHz_Outer_Full



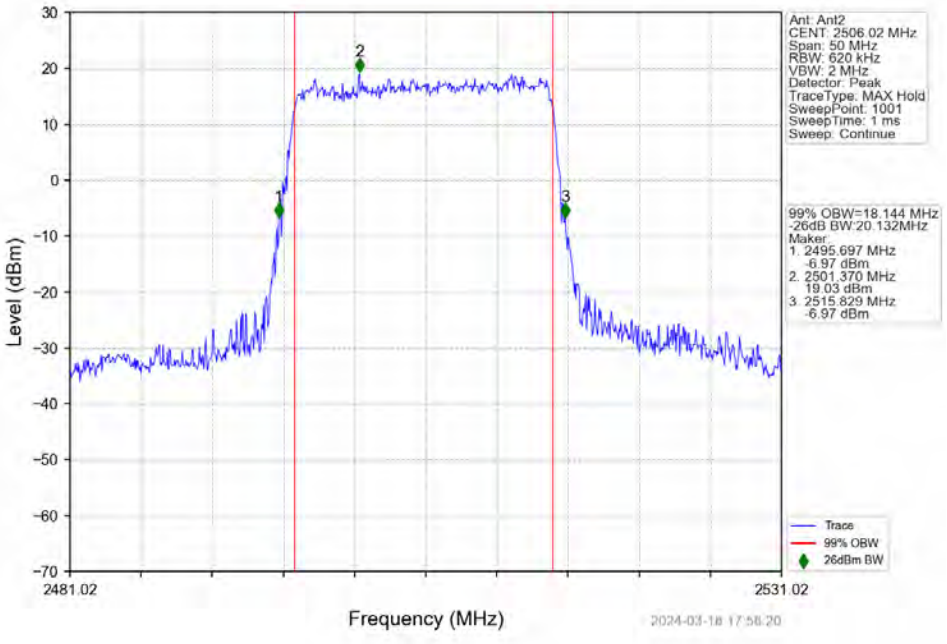
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full



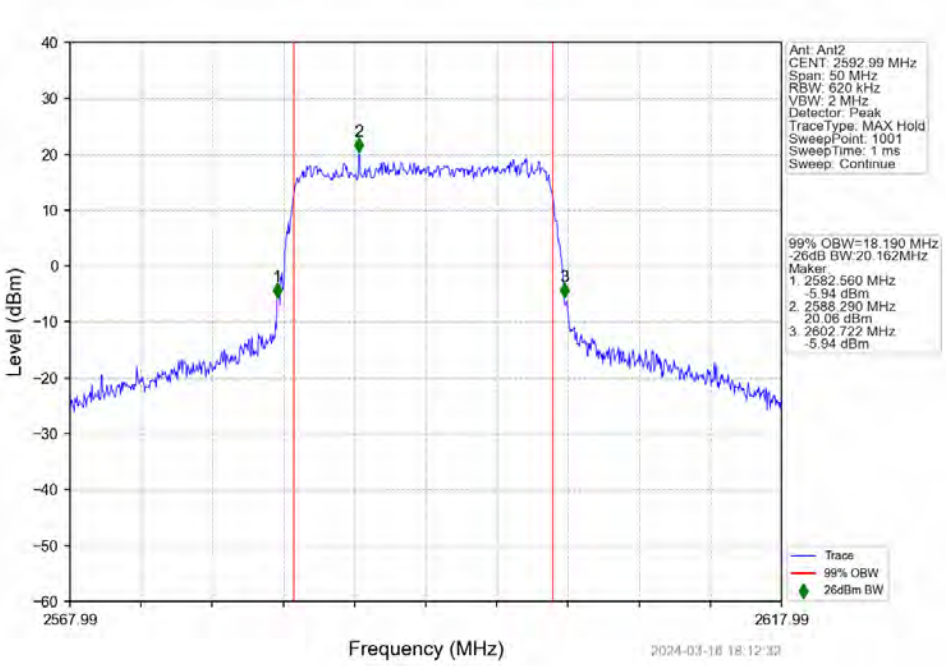
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_2679.99MHz_Outer_Full



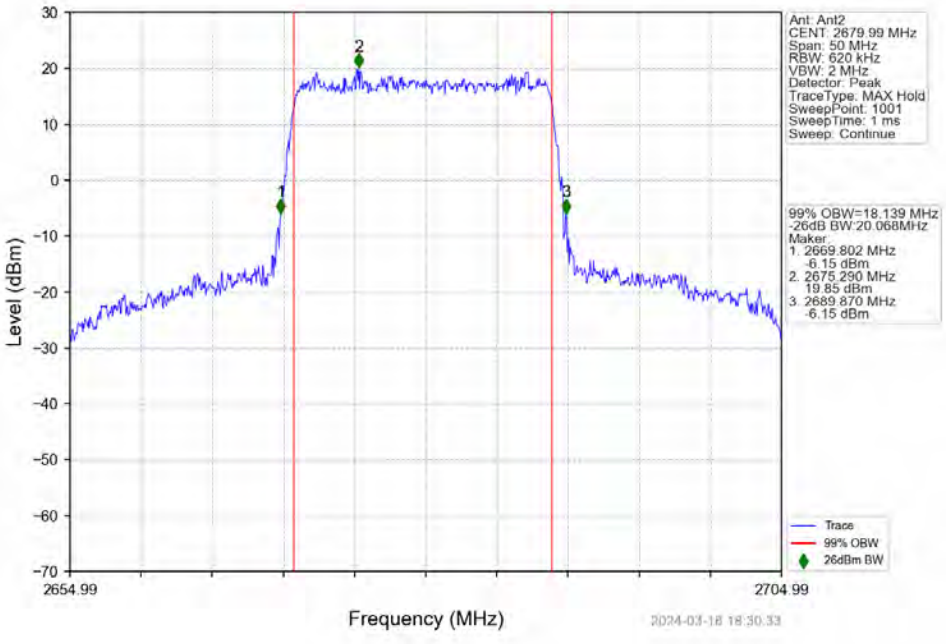
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2506.02MHz_Outer_Full



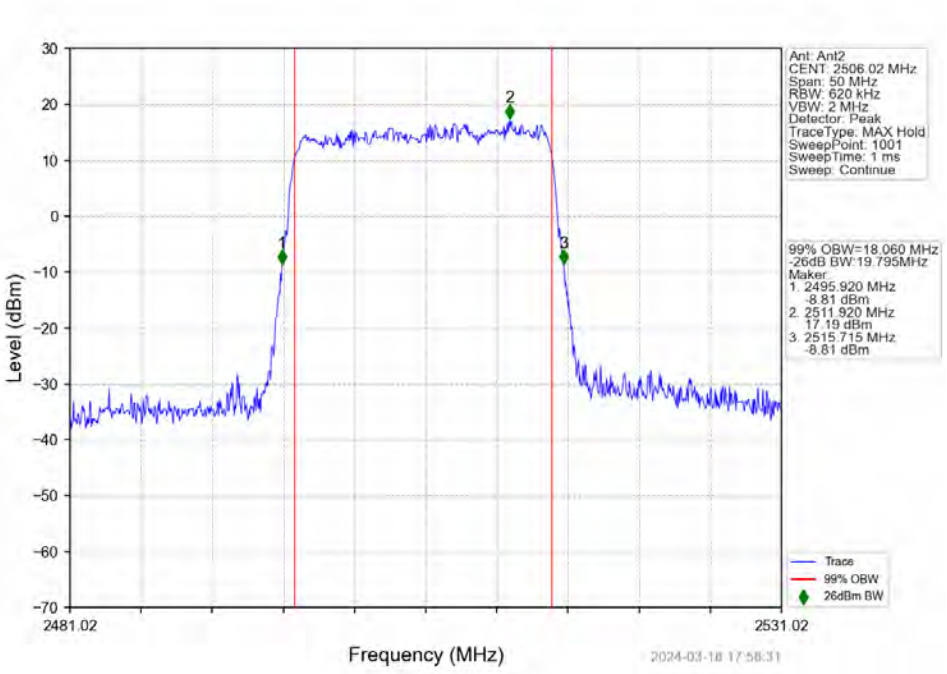
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full



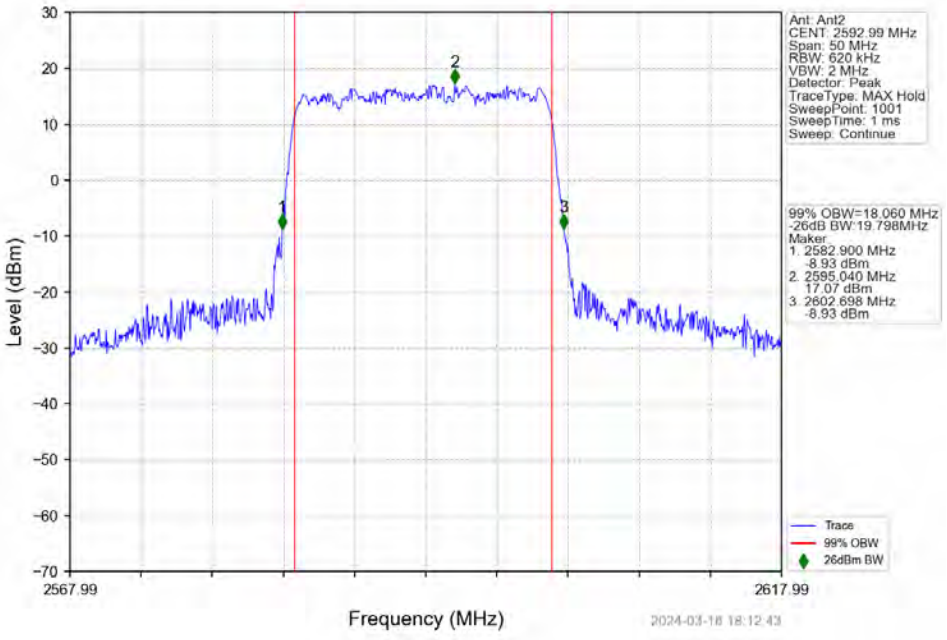
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2679.99MHz_Outer_Full



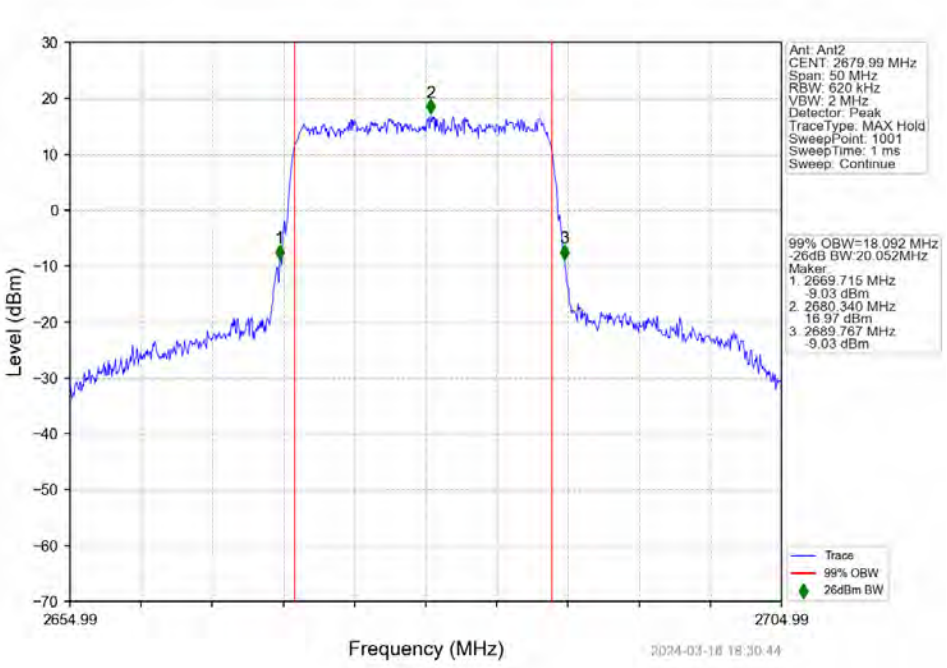
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_2506.02MHz_Outer_Full



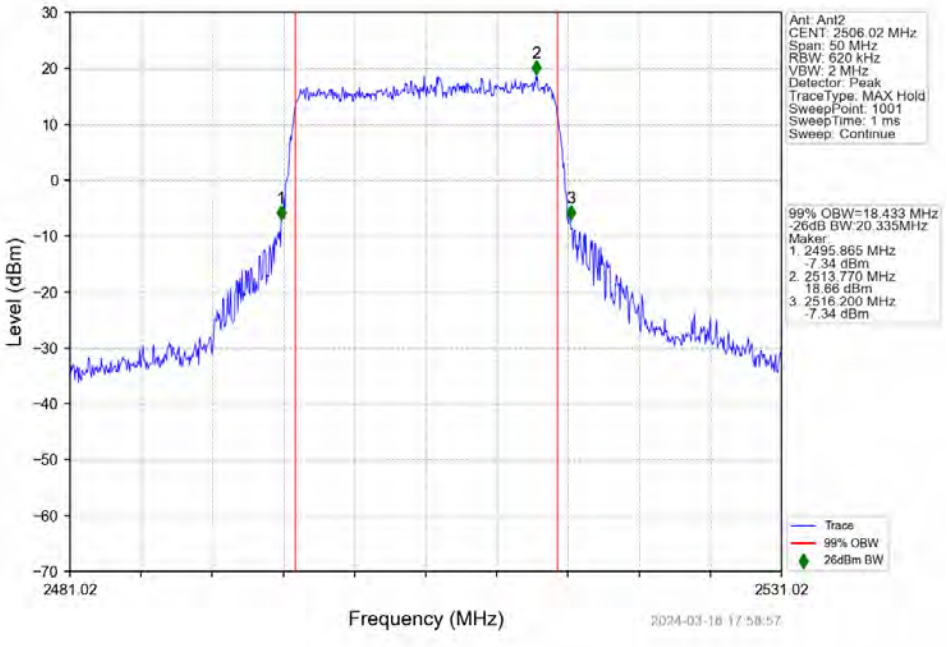
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full



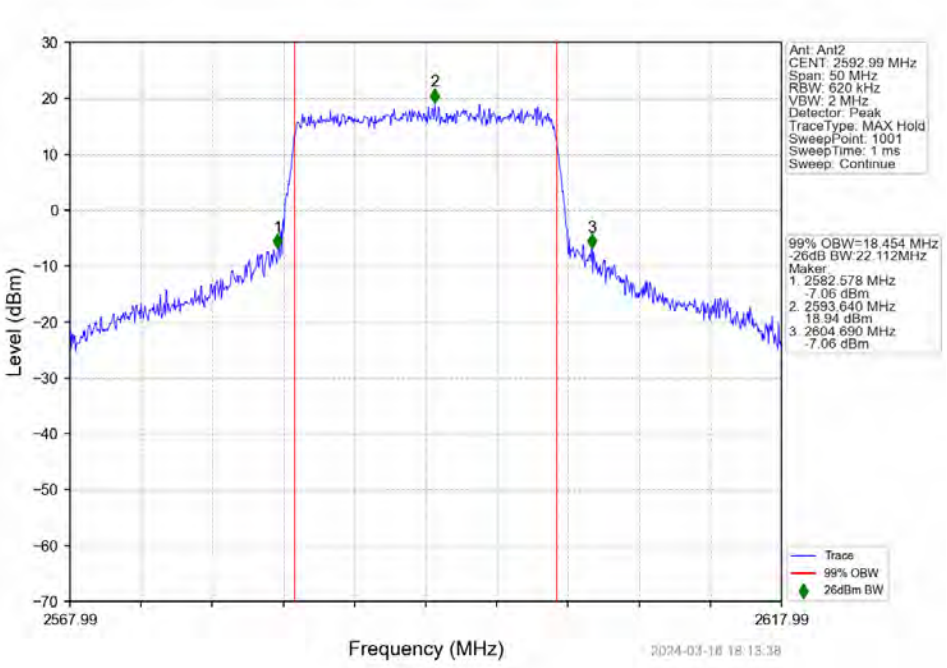
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_2679.99MHz_Outer_Full



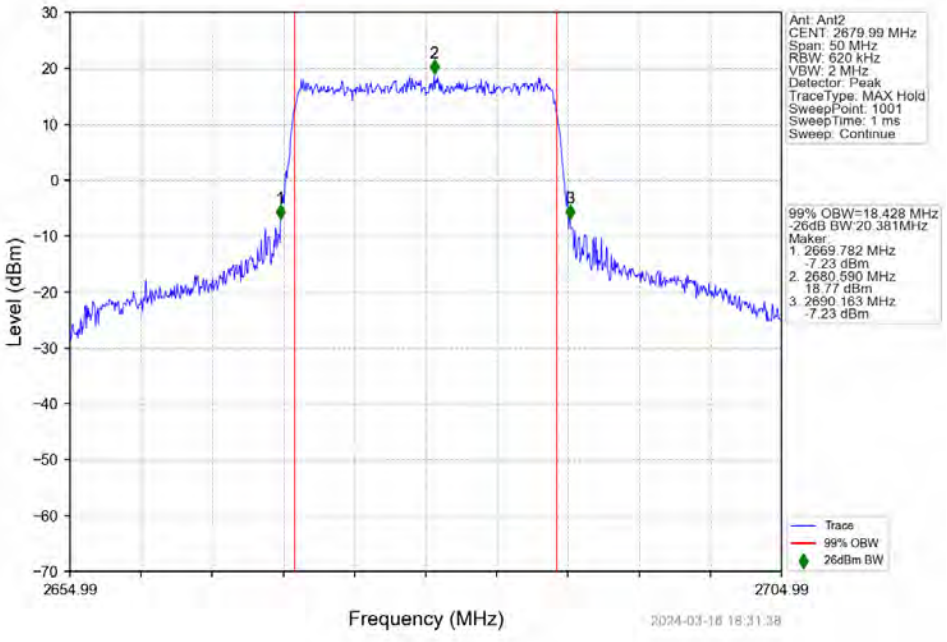
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2506.02MHz_Outer_Full



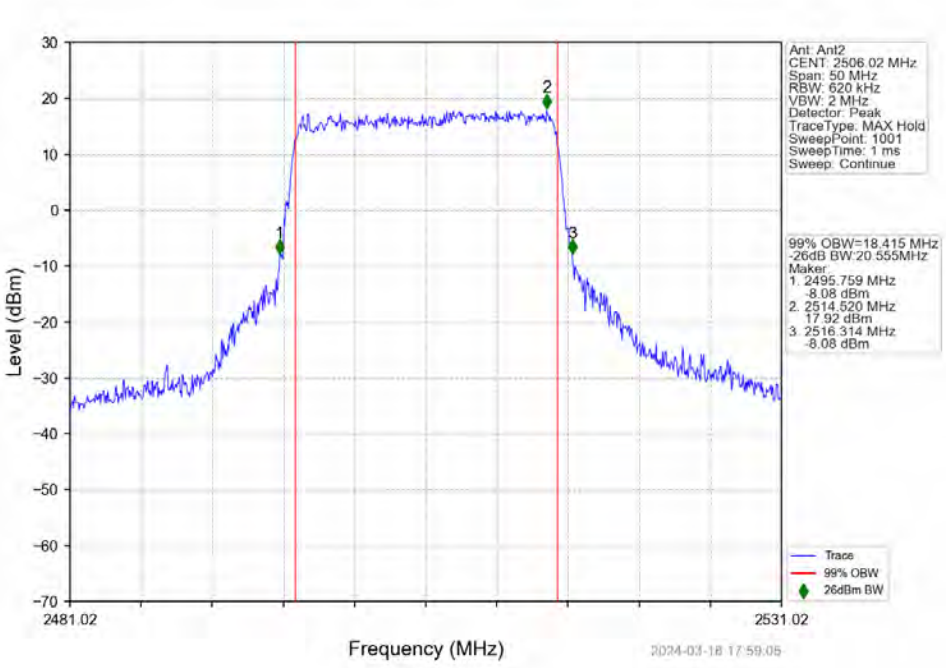
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full



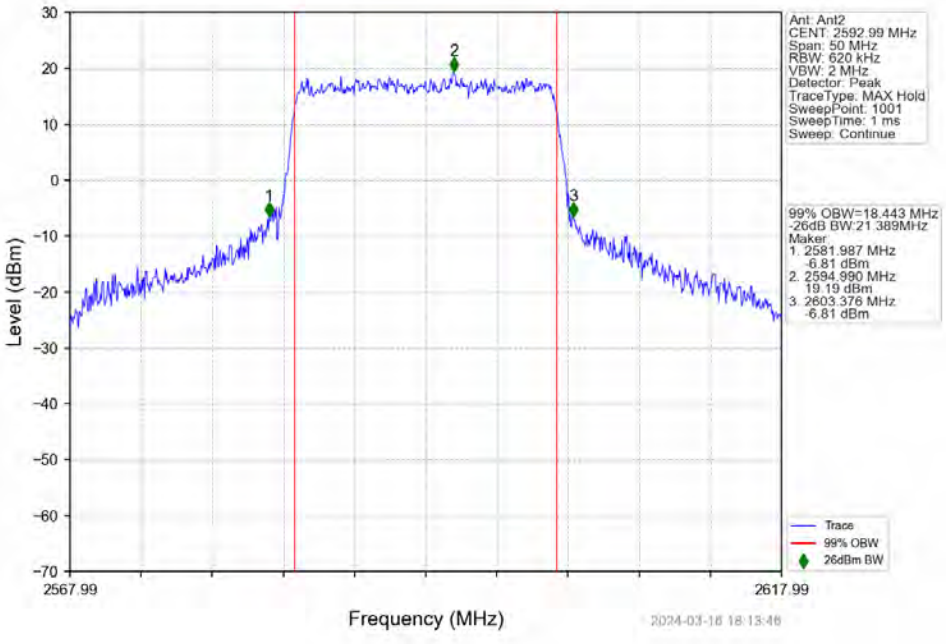
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2679.99MHz_Outer_Full



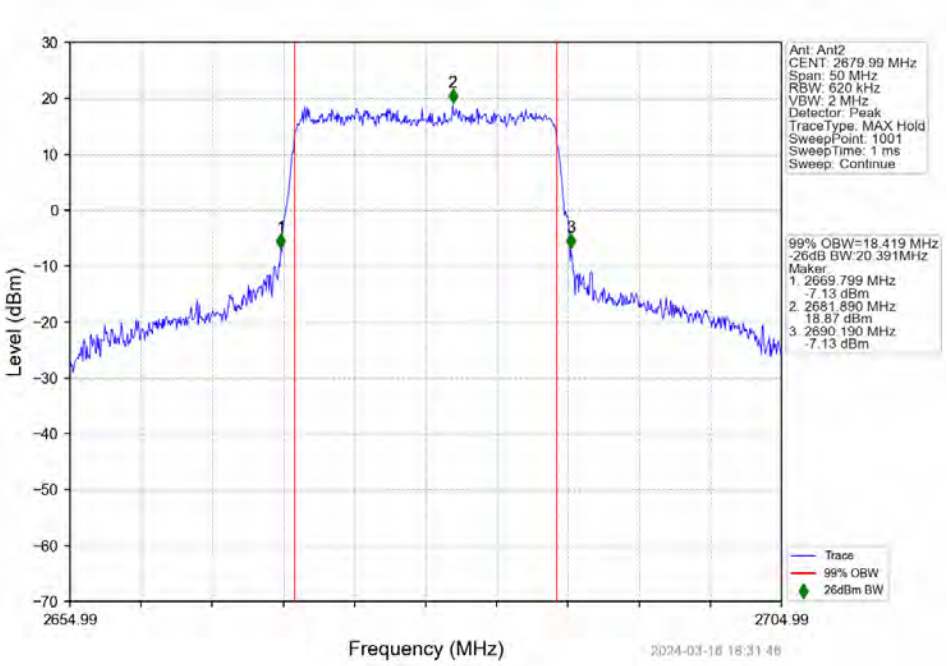
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2506.02MHz_Outer_Full



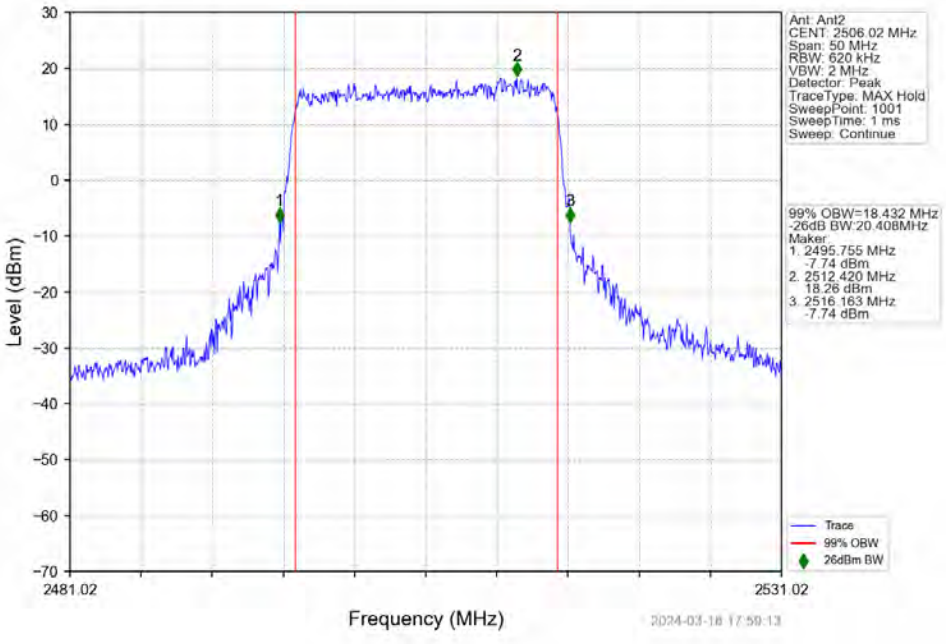
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full



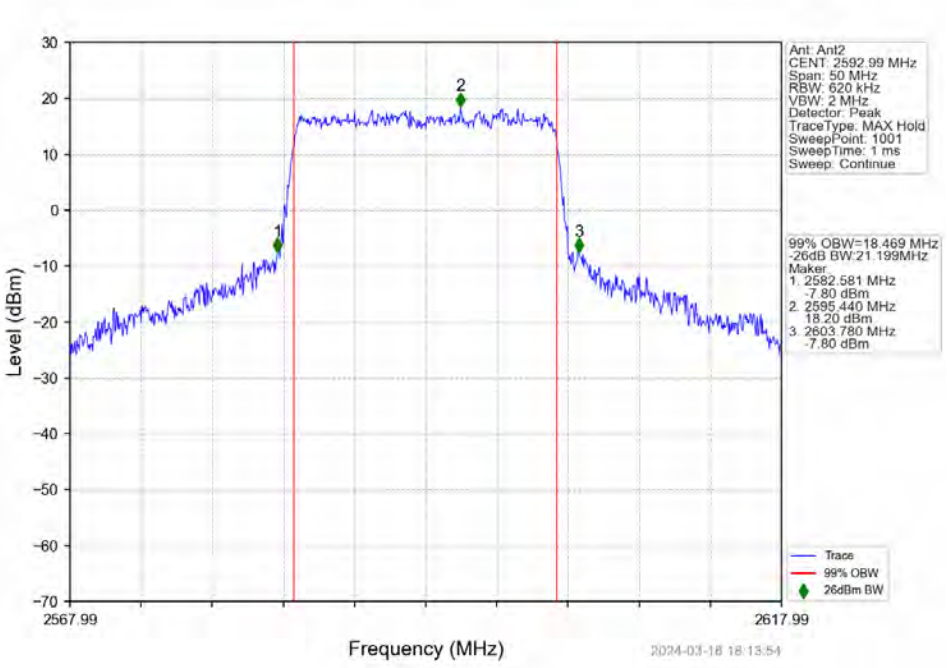
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2679.99MHz_Outer_Full



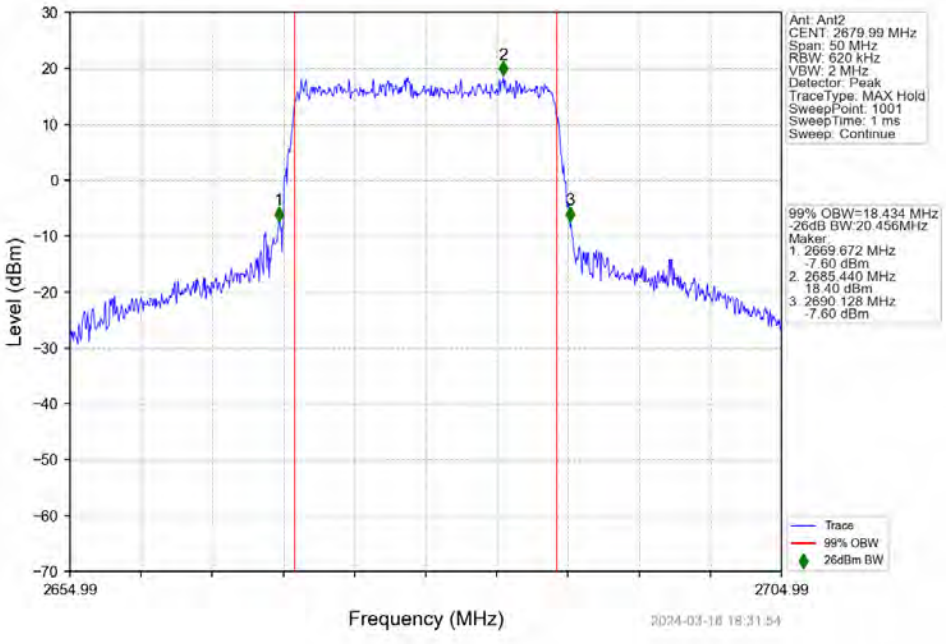
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2506.02MHz_Outer_Full



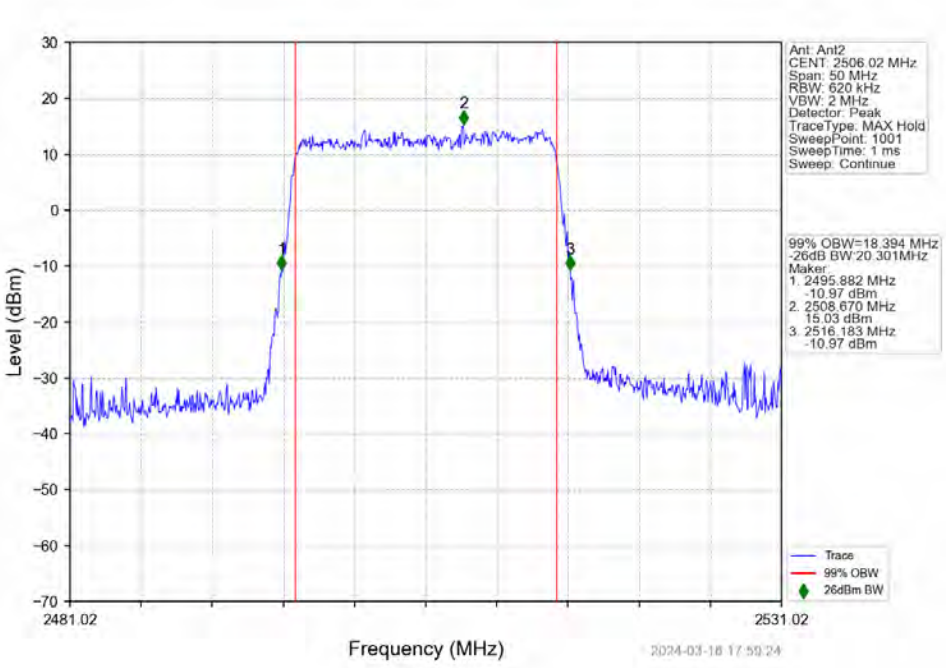
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full



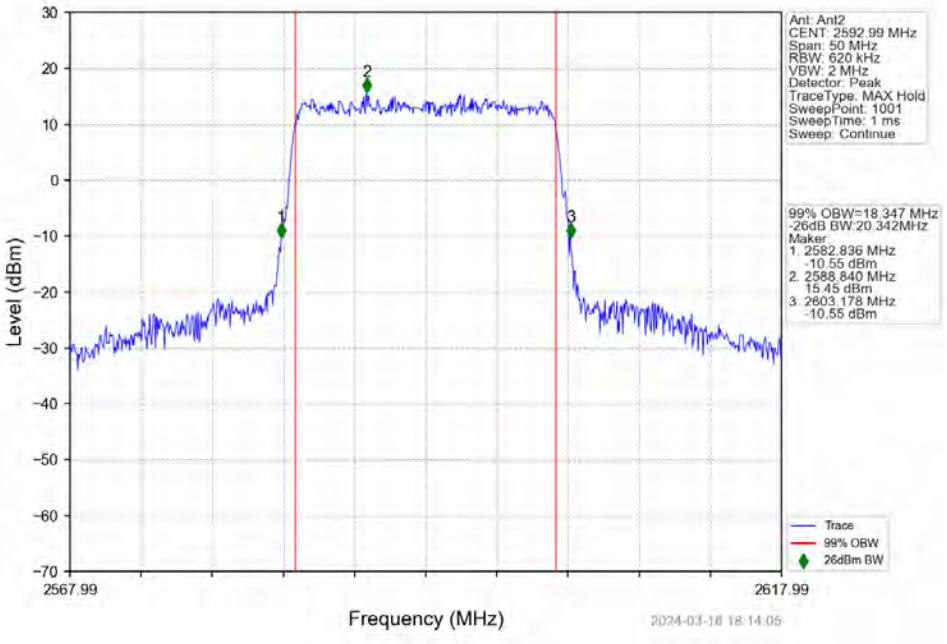
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2679.99MHz_Outer_Full



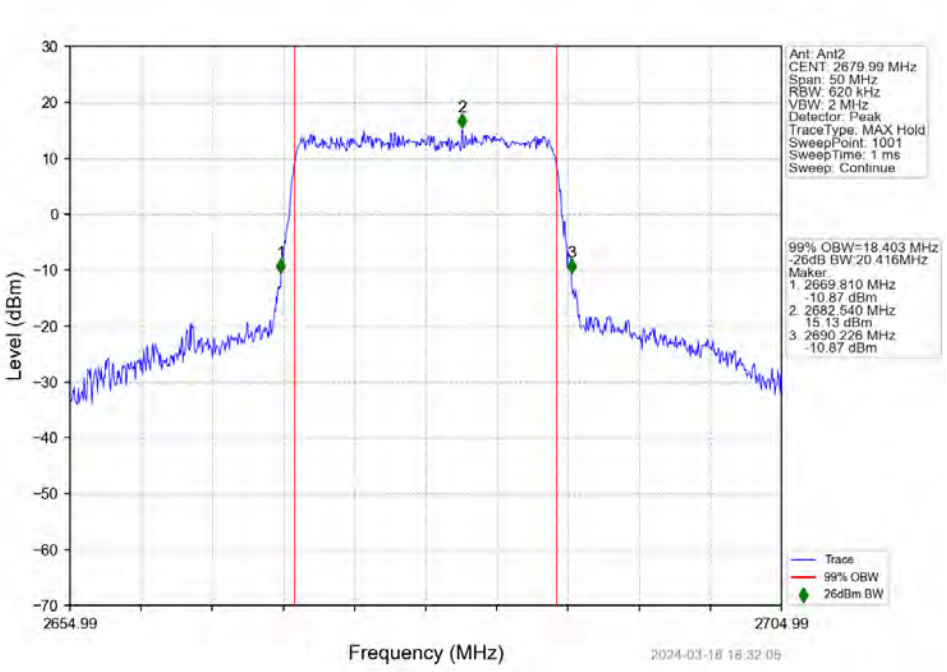
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_2506.02MHz_Outer_Full



n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_2679.99MHz_Outer_Full

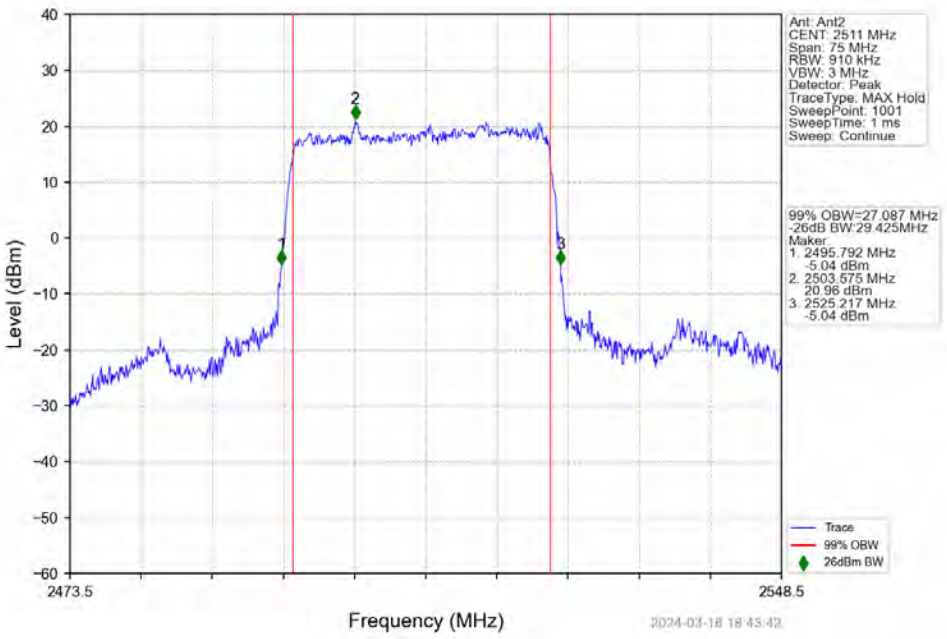


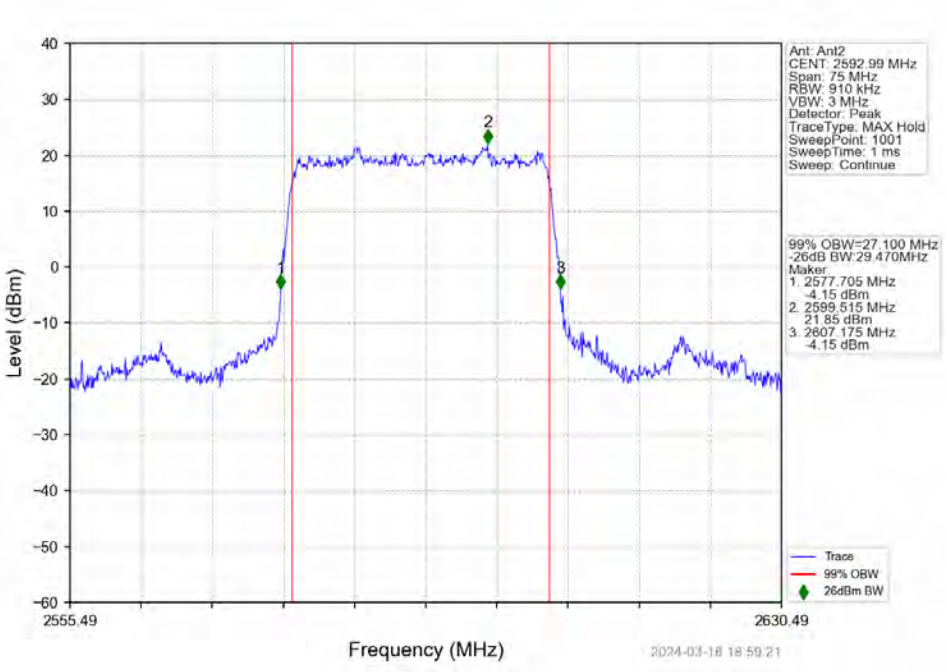
3.2 30k_SISO_30MHz_NTNV

3.2.1 Test Result

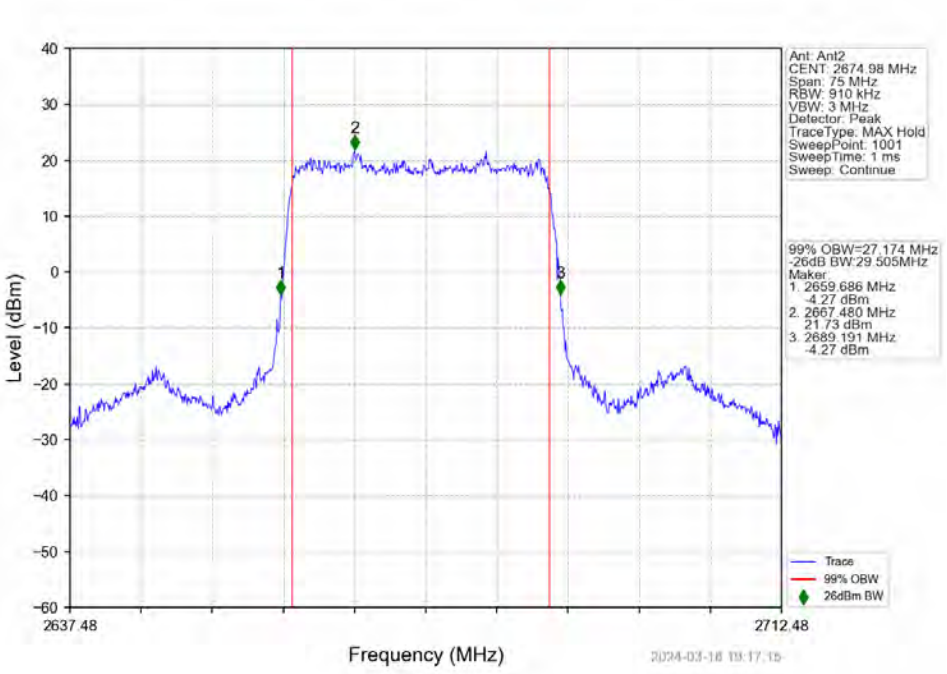
5G NR n41 SCS=30kHz SISO 30MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2511	Outer_Full	27.09	29.43	/	Pass
	2592.99	Outer_Full	27.10	29.47	/	Pass
	2674.98	Outer_Full	27.17	29.50	/	Pass
DFT-s-OFDM QPSK	2511	Outer_Full	27.18	29.47	/	Pass
	2592.99	Outer_Full	27.12	29.50	/	Pass
	2674.98	Outer_Full	27.20	29.42	/	Pass
DFT-s-OFDM 16 QAM	2511	Outer_Full	27.17	29.75	/	Pass
	2592.99	Outer_Full	27.18	29.63	/	Pass
	2674.98	Outer_Full	27.19	29.69	/	Pass
DFT-s-OFDM 64 QAM	2511	Outer_Full	27.05	29.44	/	Pass
	2592.99	Outer_Full	27.12	29.58	/	Pass
	2674.98	Outer_Full	27.23	29.62	/	Pass
DFT-s-OFDM 256 QAM	2511	Outer_Full	27.13	29.54	/	Pass
	2592.99	Outer_Full	27.14	29.48	/	Pass
	2674.98	Outer_Full	27.22	29.56	/	Pass
CP-OFDM QPSK	2511	Outer_Full	28.19	31.24	/	Pass
	2592.99	Outer_Full	28.16	30.39	/	Pass
	2674.98	Outer_Full	28.21	31.71	/	Pass
CP-OFDM 16 QAM	2511	Outer_Full	28.14	31.89	/	Pass
	2592.99	Outer_Full	28.12	30.58	/	Pass
	2674.98	Outer_Full	28.20	30.81	/	Pass
CP-OFDM 64 QAM	2511	Outer_Full	28.19	32.13	/	Pass
	2592.99	Outer_Full	28.11	30.26	/	Pass
	2674.98	Outer_Full	28.16	33.23	/	Pass
CP-OFDM 256 QAM	2511	Outer_Full	28.09	30.45	/	Pass
	2592.99	Outer_Full	28.11	30.51	/	Pass
	2674.98	Outer_Full	28.18	30.37	/	Pass

3.2.2 Test Graph

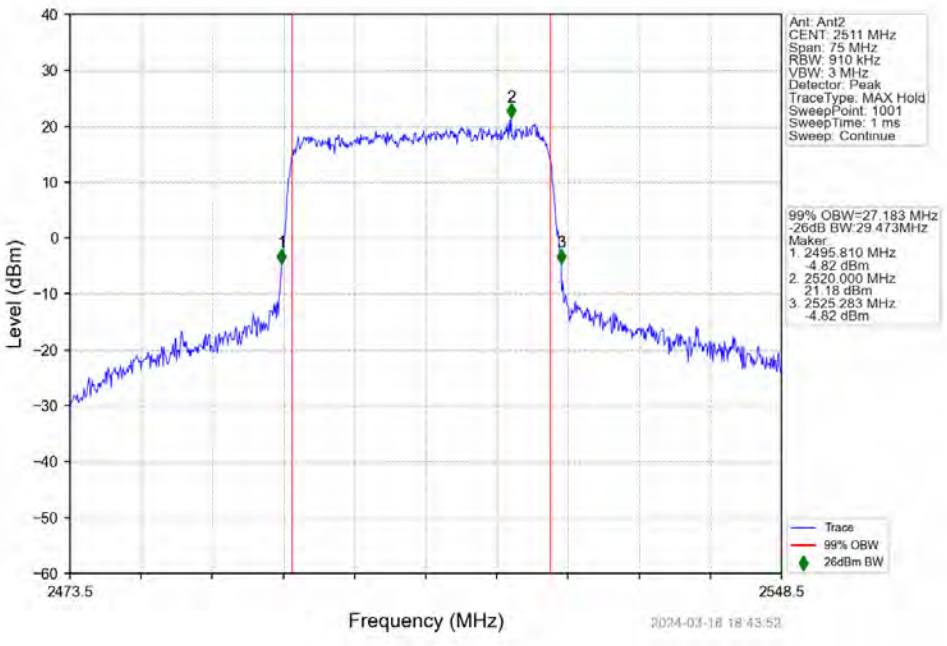
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2511MHz_Outer_Full


n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full


n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2674.98MHz_Outer_Full



n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2511MHz_Outer_Full



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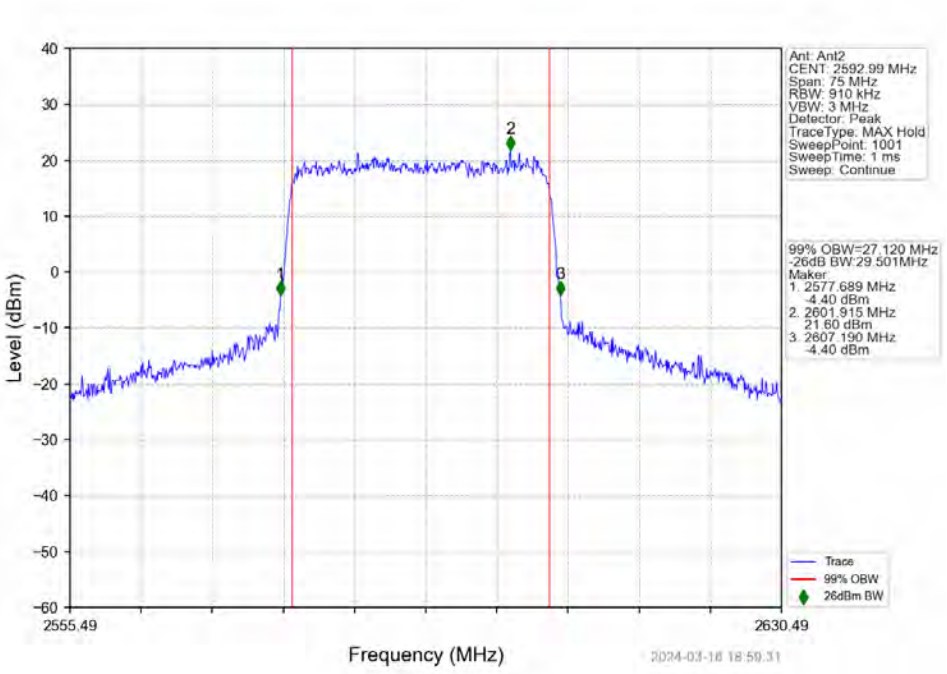

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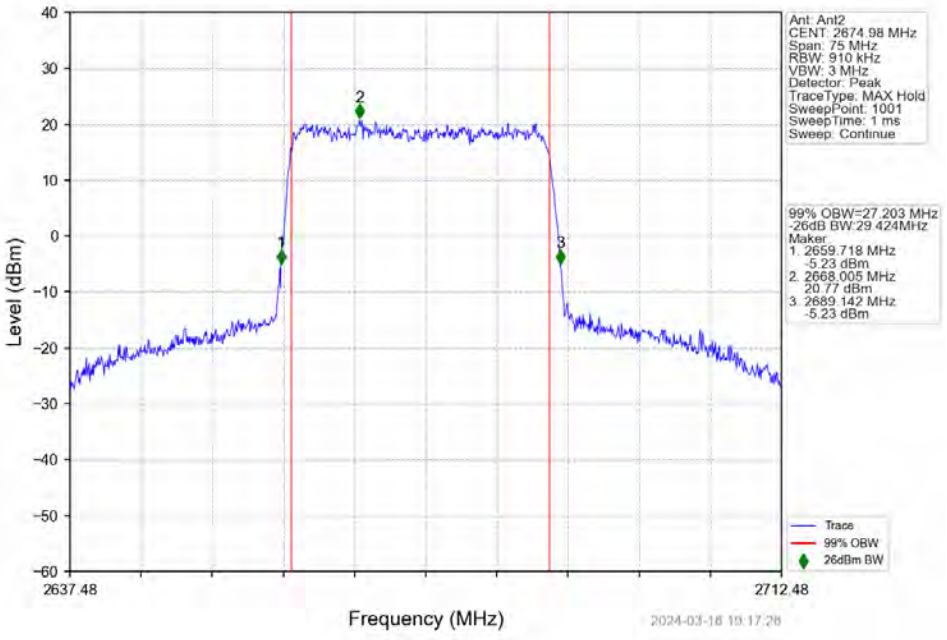
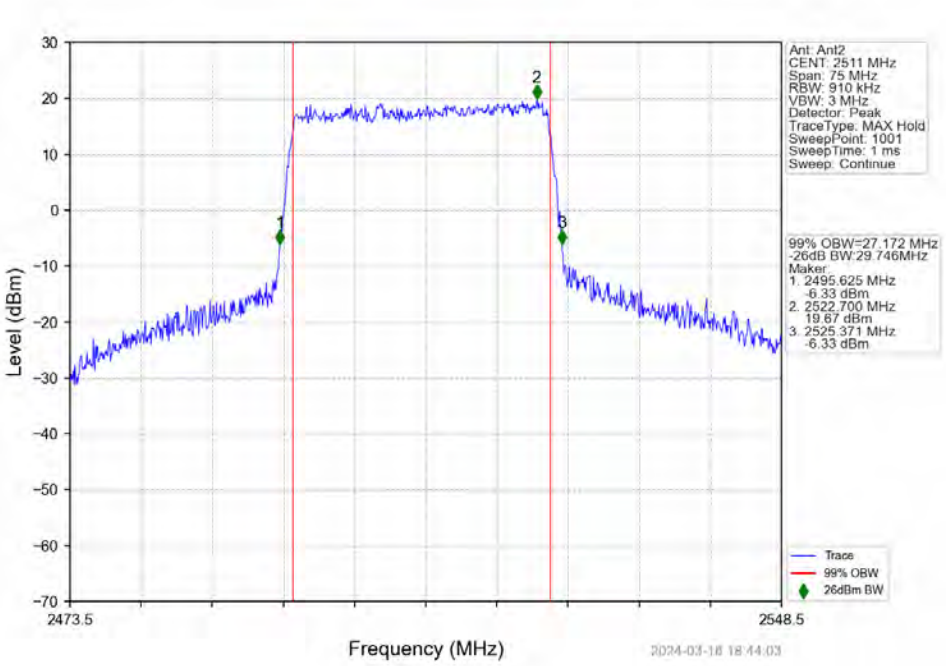
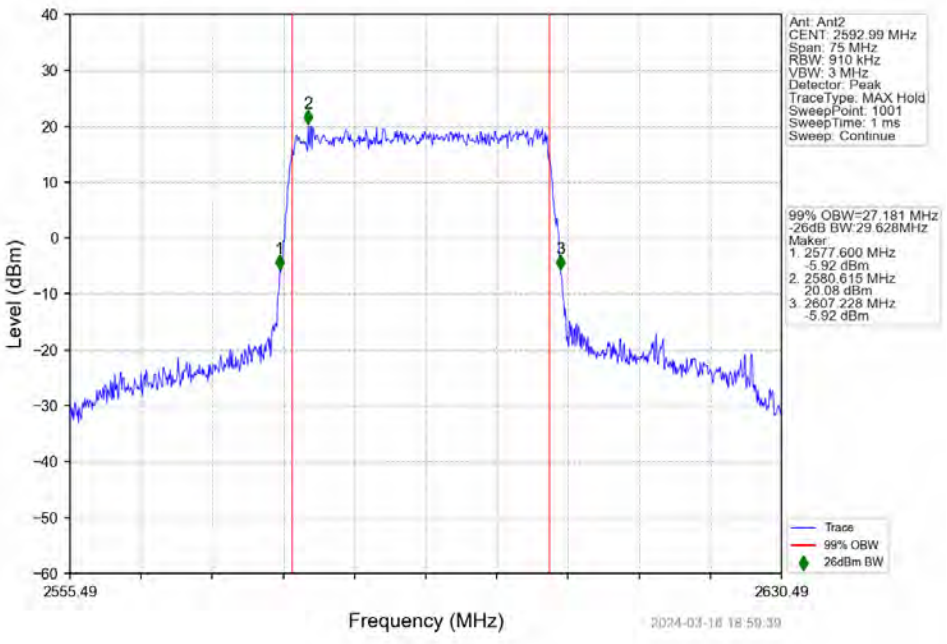


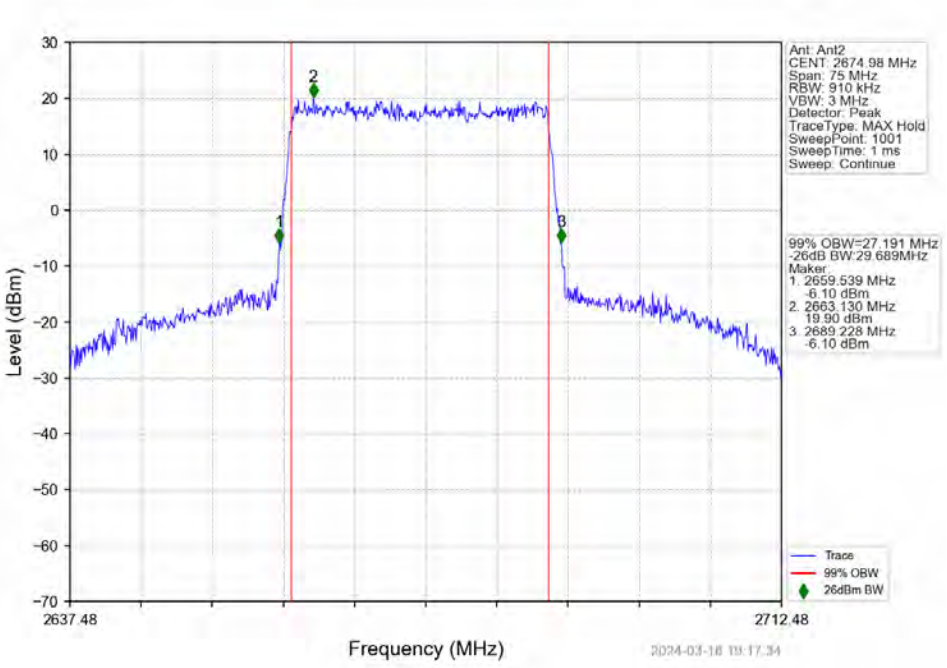
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_2511MHz_Outer_Full



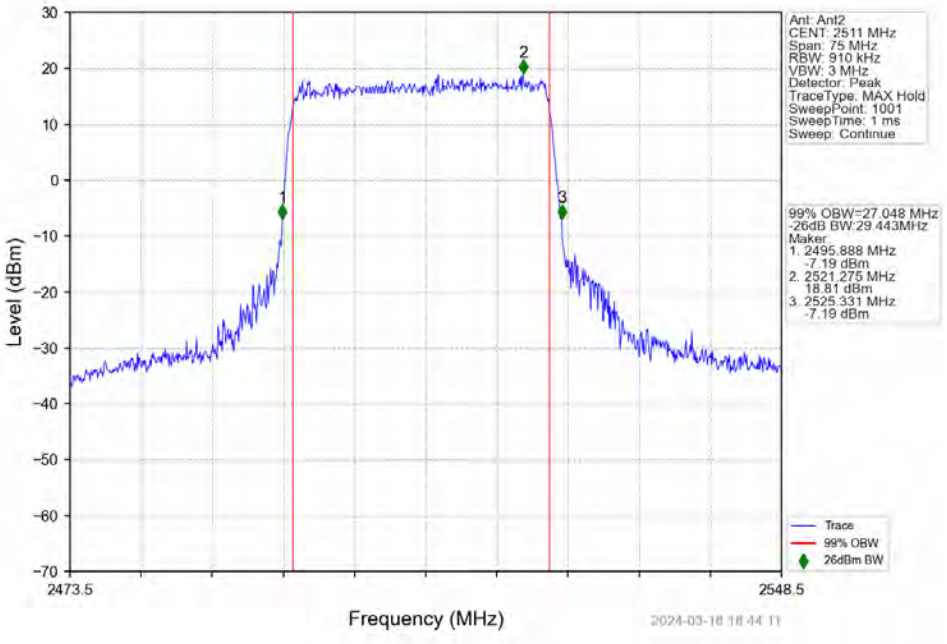
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full



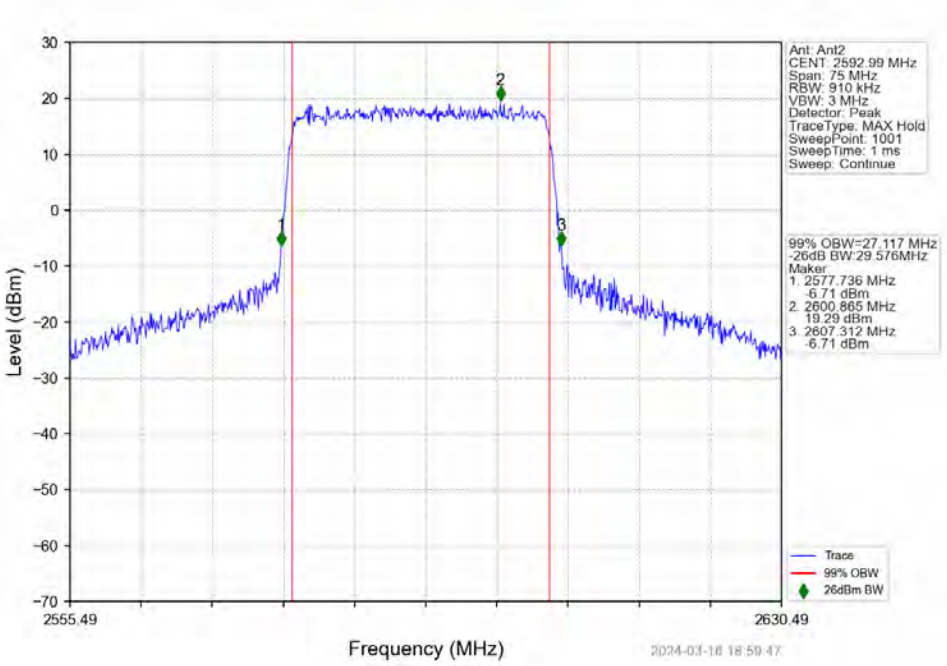
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_2674.98MHz_Outer_Full



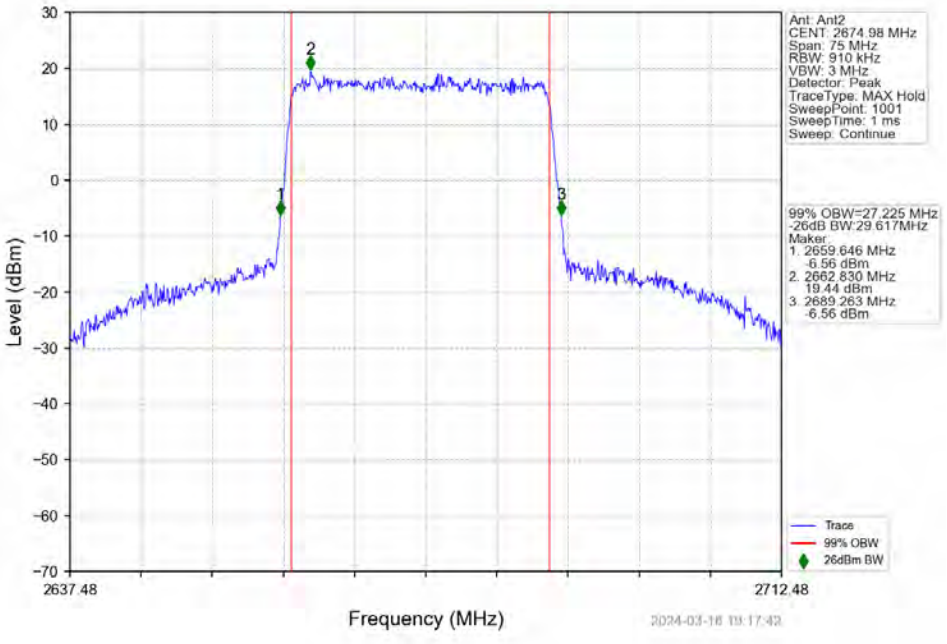
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_2511MHz_Outer_Full



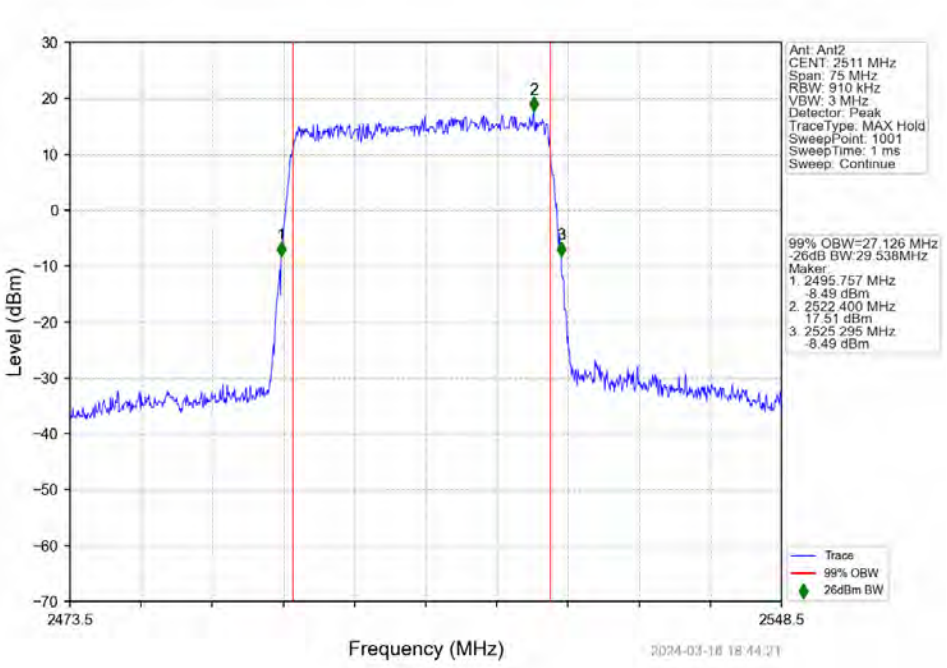
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full



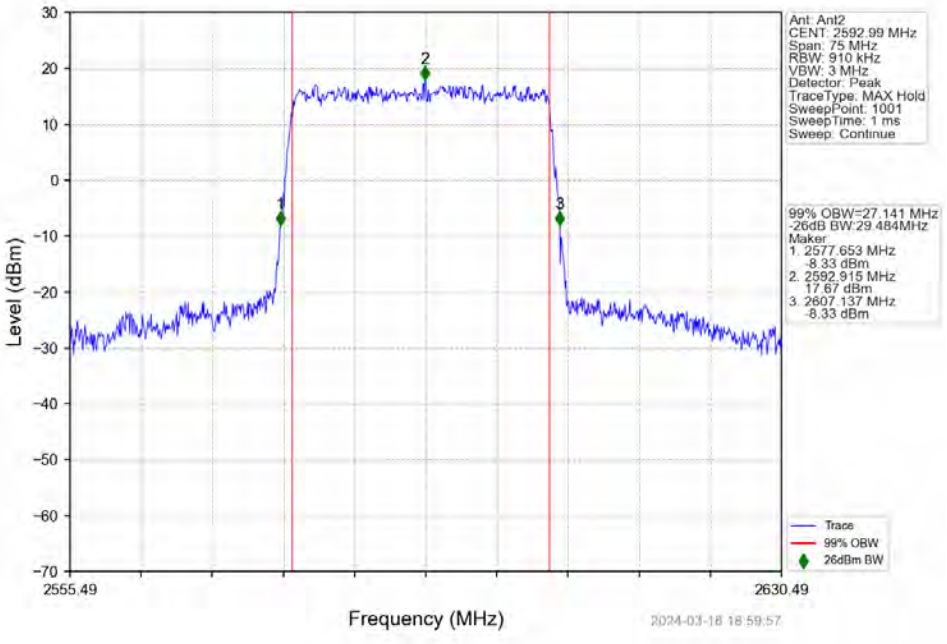
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_2674.98MHz_Outer_Full



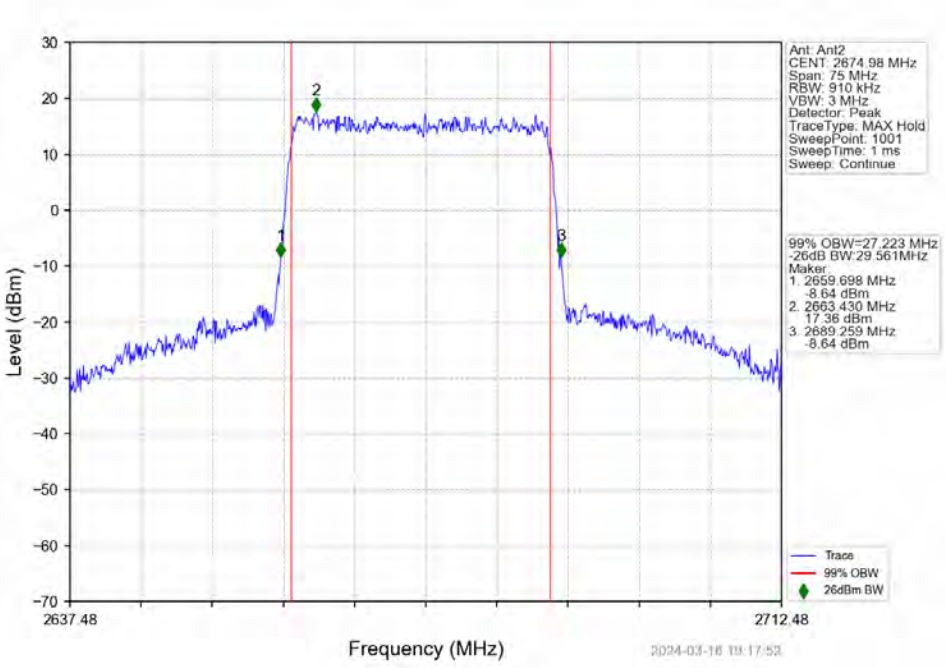
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_2511MHz_Outer_Full



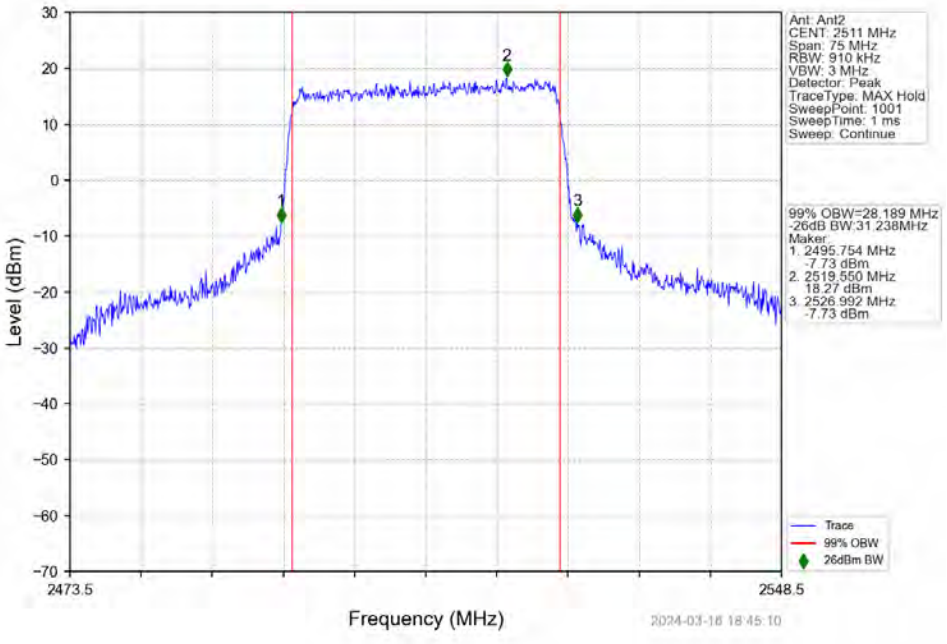
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full



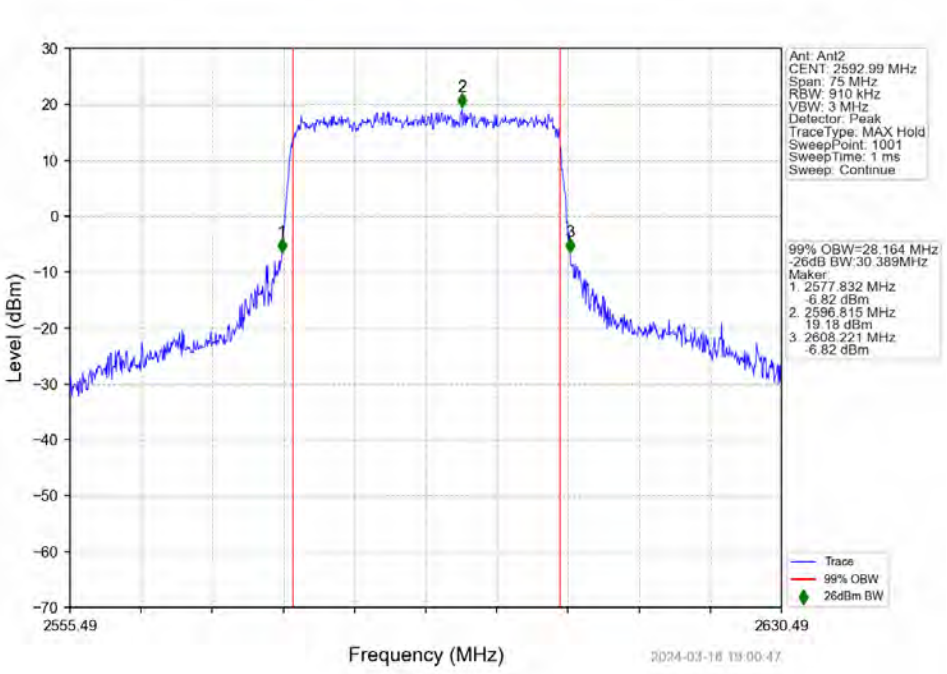
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_2674.98MHz_Outer_Full



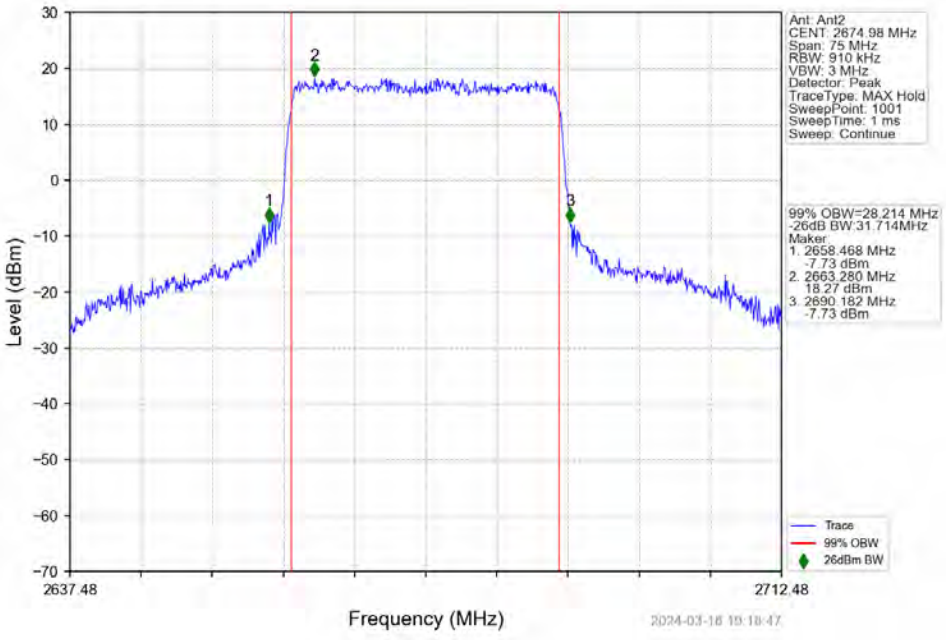
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2511MHz_Outer_Full



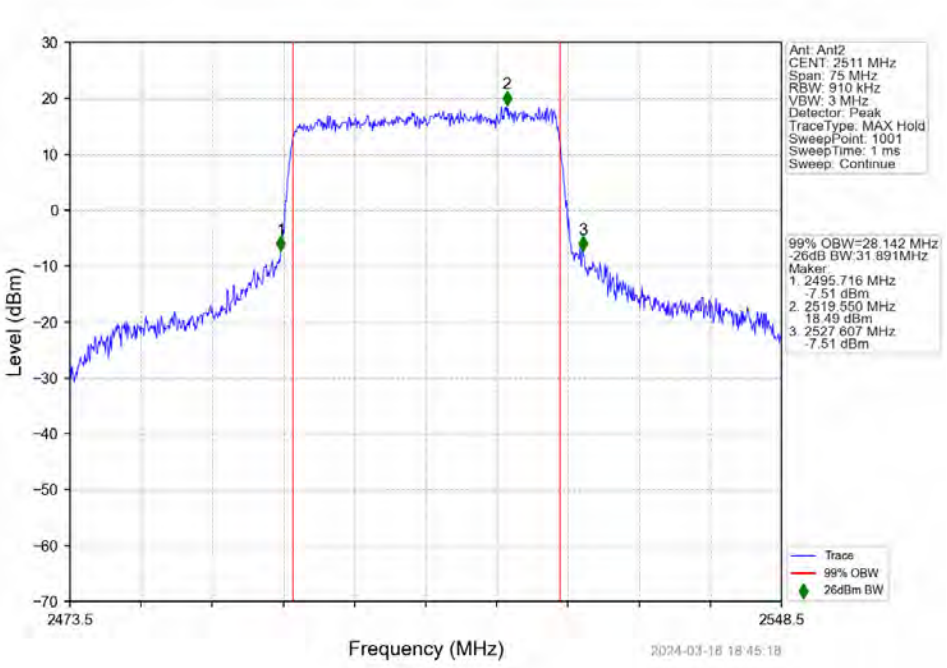
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full



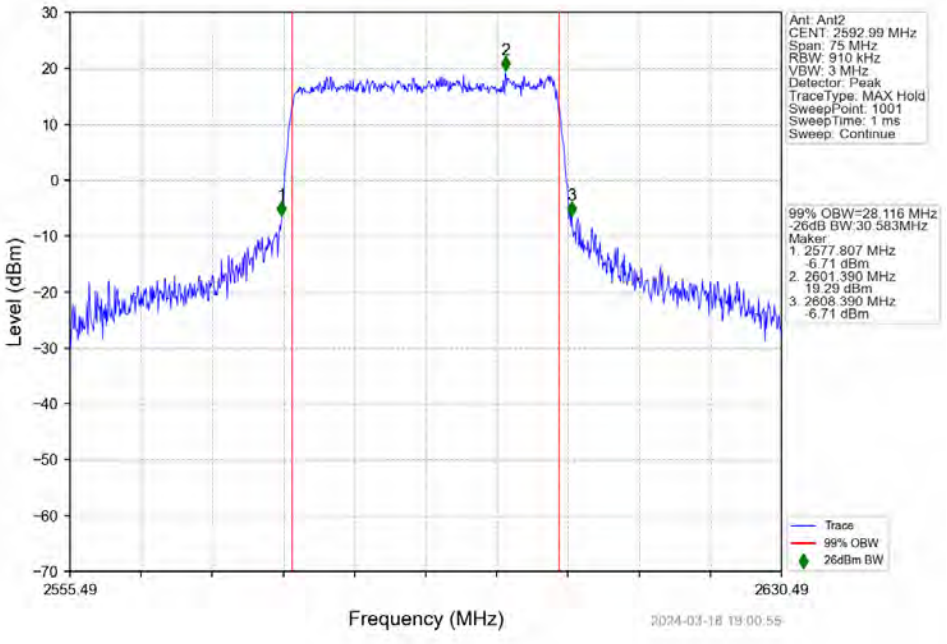
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2674.98MHz_Outer_Full



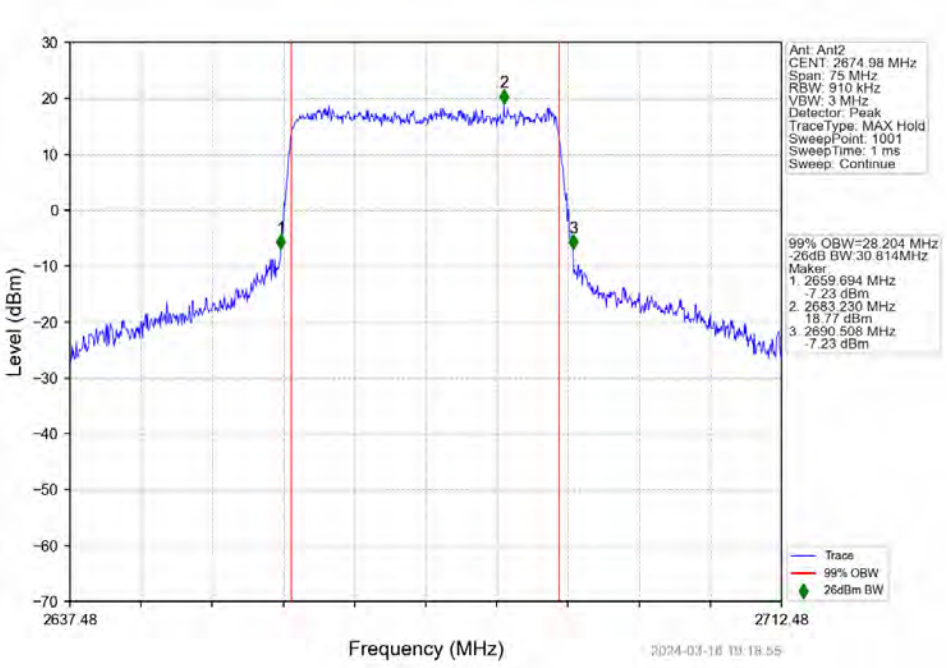
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_2511MHz_Outer_Full



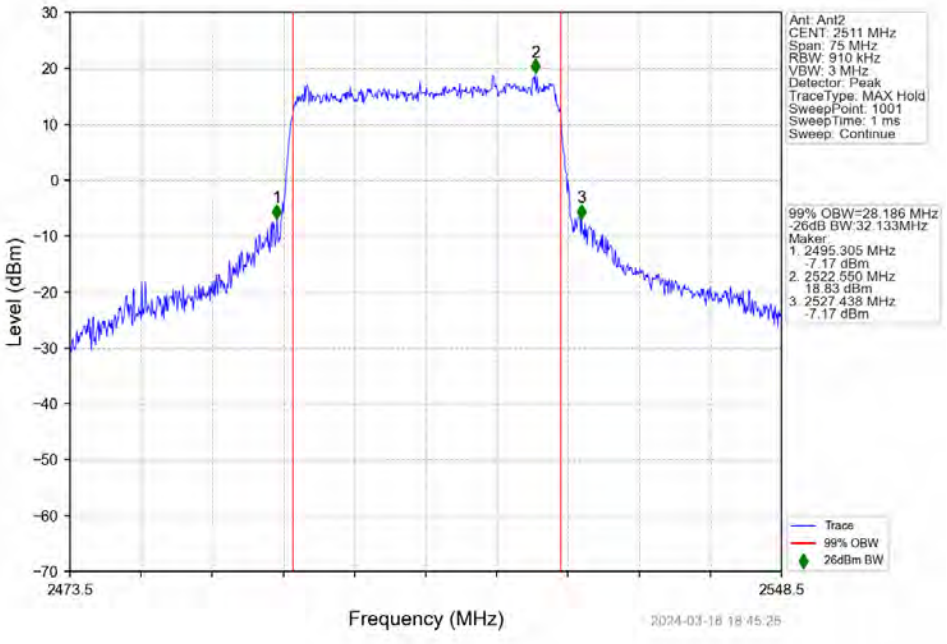
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full



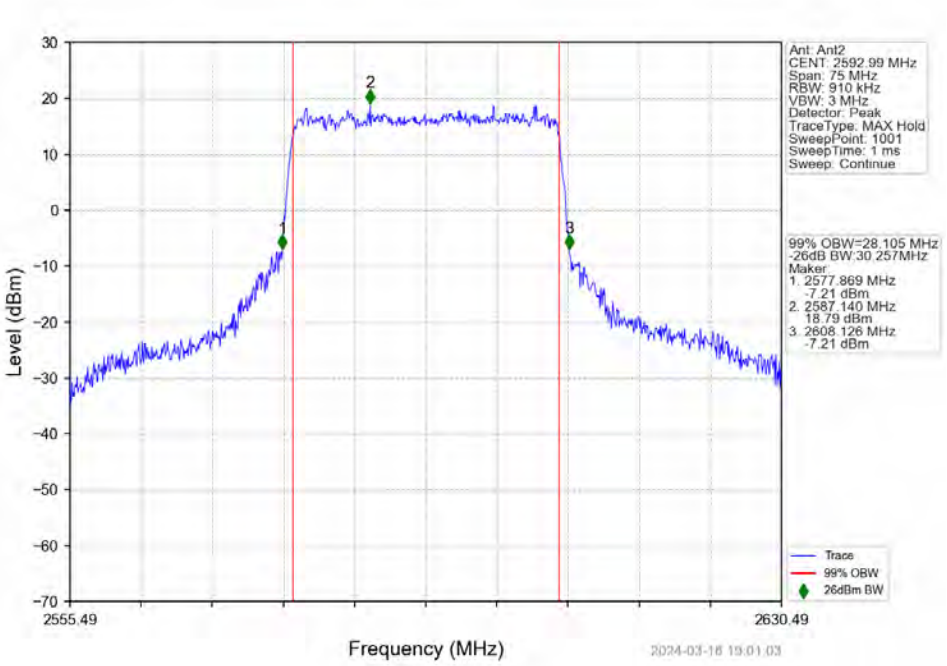
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_2674.98MHz_Outer_Full



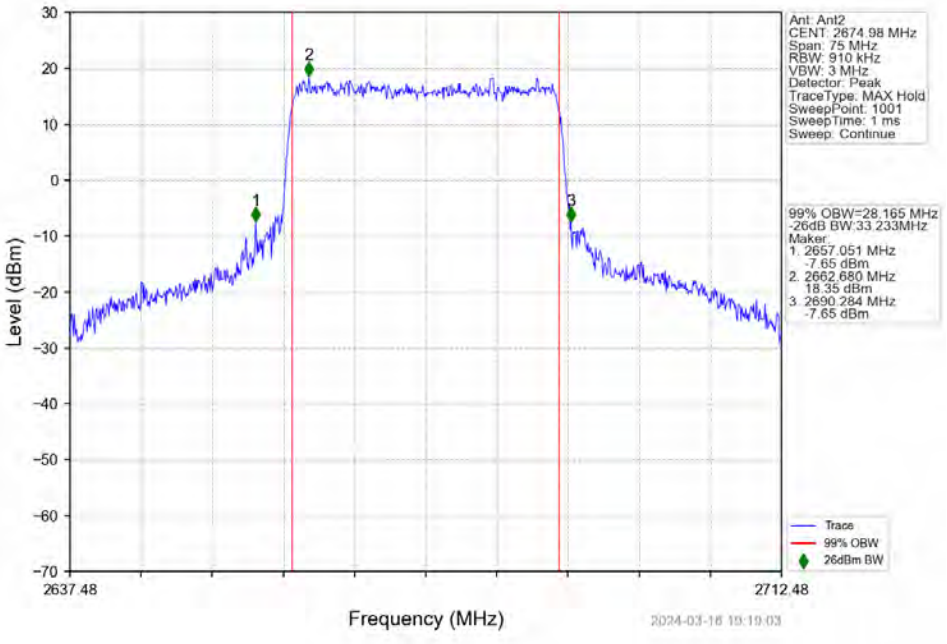
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2511MHz_Outer_Full



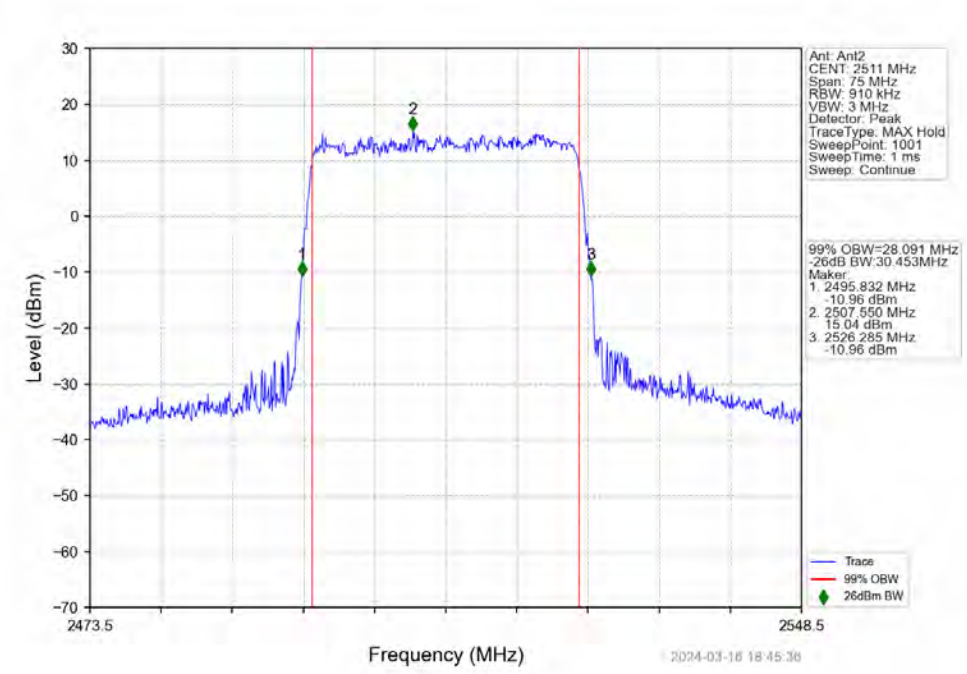
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full



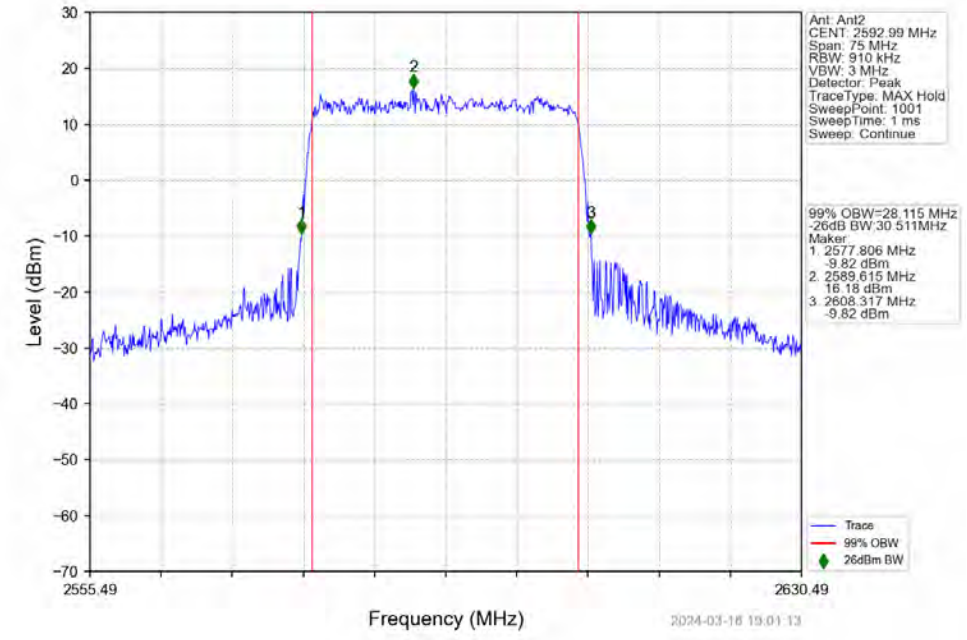
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2674.98MHz_Outer_Full



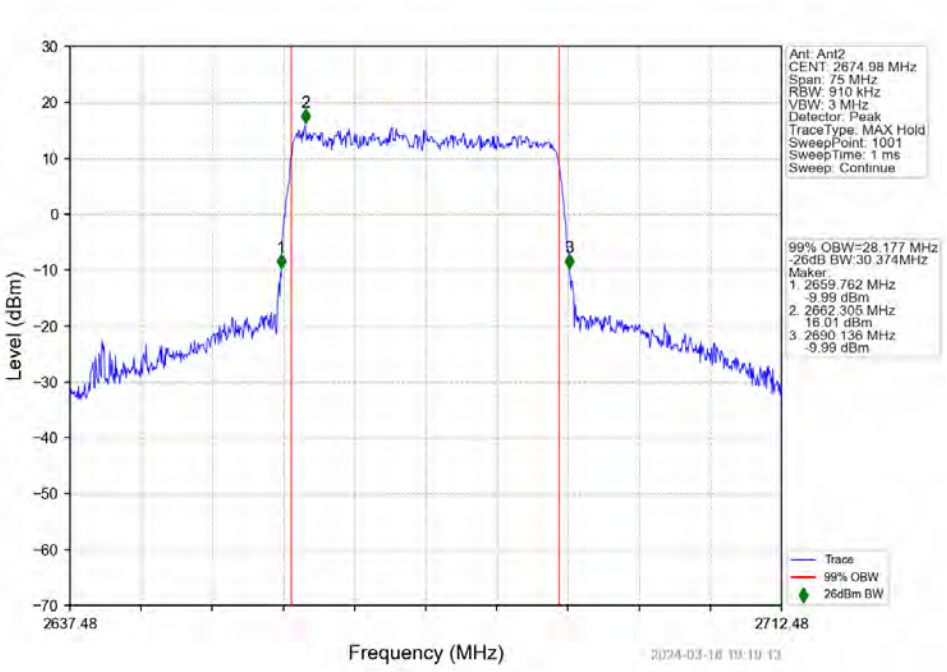
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_2511MHz_Outer_Full



n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_2674.98MHz_Outer_Full



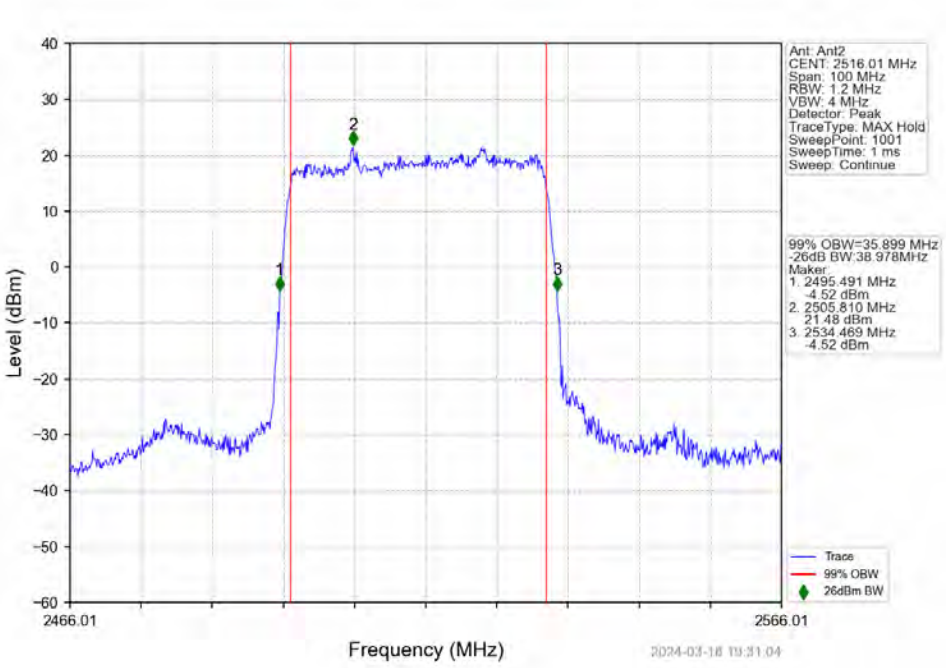
3.3 30k_SISO_40MHz_NTNV

3.3.1 Test Result

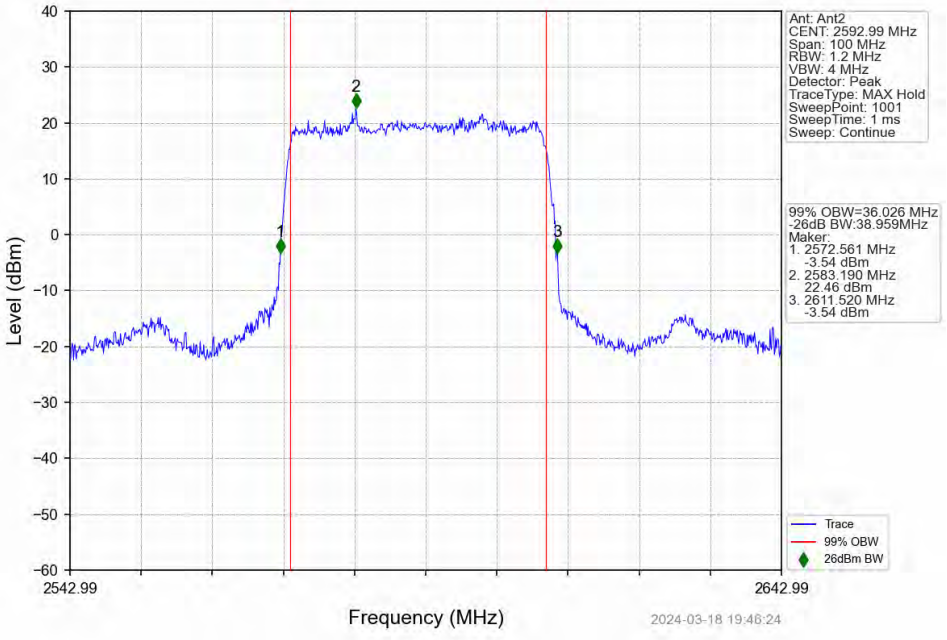
5G NR n41 SCS=30kHz SISO 40MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2516.01	Outer_Full	35.90	38.98	/	Pass
	2592.99	Outer_Full	36.03	38.96	/	Pass
	2670	Outer_Full	36.04	38.85	/	Pass
DFT-s-OFDM QPSK	2516.01	Outer_Full	35.96	38.96	/	Pass
	2592.99	Outer_Full	35.97	39.06	/	Pass
	2670	Outer_Full	36.03	38.98	/	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer_Full	36.14	38.90	/	Pass
	2592.99	Outer_Full	36.10	38.84	/	Pass
	2670	Outer_Full	36.06	38.92	/	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer_Full	36.00	38.89	/	Pass
	2592.99	Outer_Full	35.98	38.77	/	Pass
	2670	Outer_Full	36.11	38.94	/	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer_Full	36.03	39.10	/	Pass
	2592.99	Outer_Full	36.07	38.84	/	Pass
	2670	Outer_Full	36.12	39.06	/	Pass
CP-OFDM QPSK	2516.01	Outer_Full	38.06	40.87	/	Pass
	2592.99	Outer_Full	38.06	40.97	/	Pass
	2670	Outer_Full	38.23	41.14	/	Pass
CP-OFDM 16 QAM	2516.01	Outer_Full	38.13	40.94	/	Pass
	2592.99	Outer_Full	38.15	41.17	/	Pass
	2670	Outer_Full	38.26	41.46	/	Pass
CP-OFDM 64 QAM	2516.01	Outer_Full	38.24	41.18	/	Pass
	2592.99	Outer_Full	38.23	40.88	/	Pass
	2670	Outer_Full	38.35	41.31	/	Pass
CP-OFDM 256 QAM	2516.01	Outer_Full	38.12	41.00	/	Pass
	2592.99	Outer_Full	38.24	40.85	/	Pass
	2670	Outer_Full	38.35	41.10	/	Pass

3.3.2 Test Graph

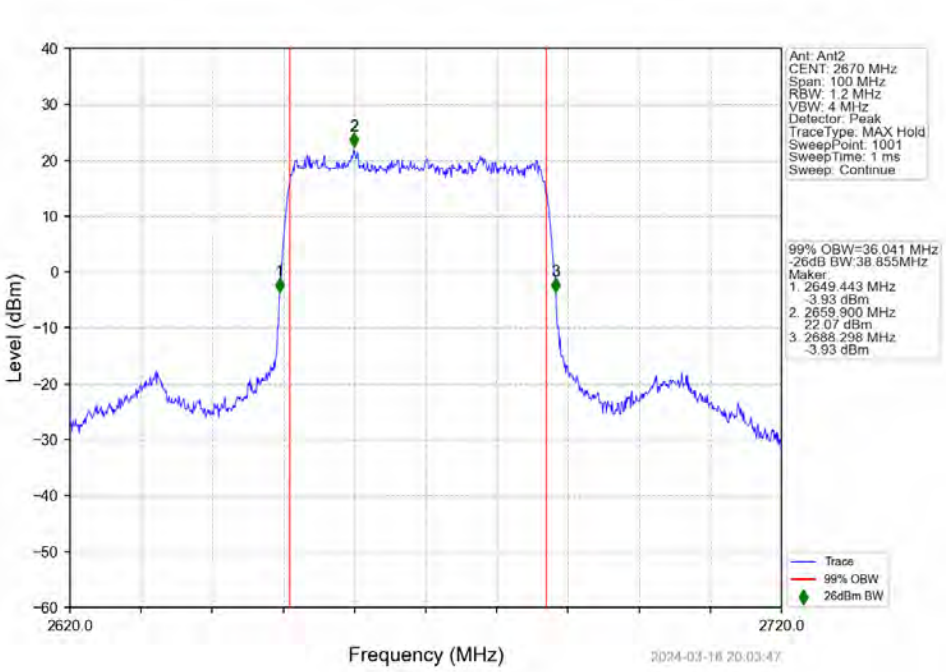
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2516.01MHz_Outer_Full



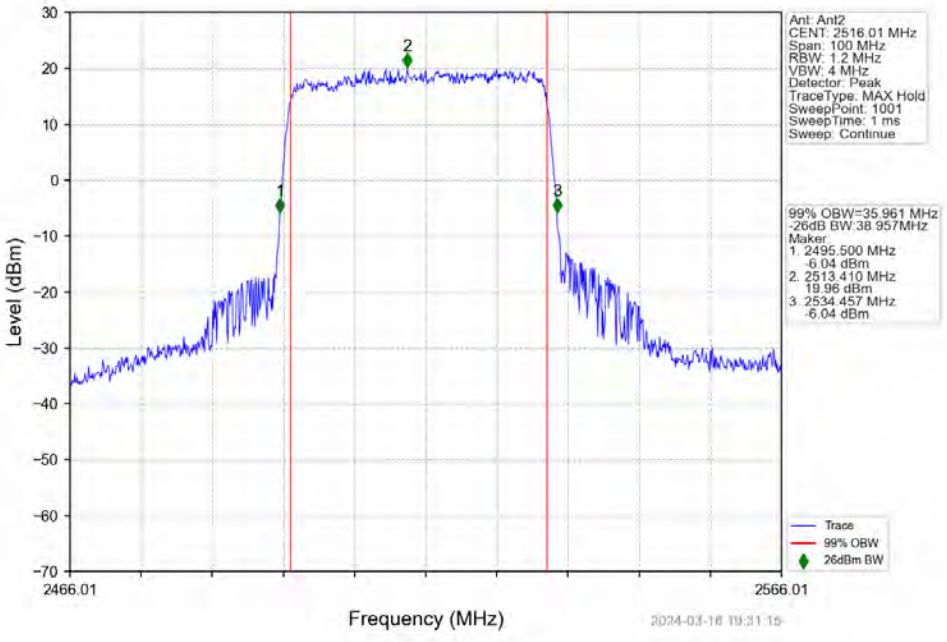
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full



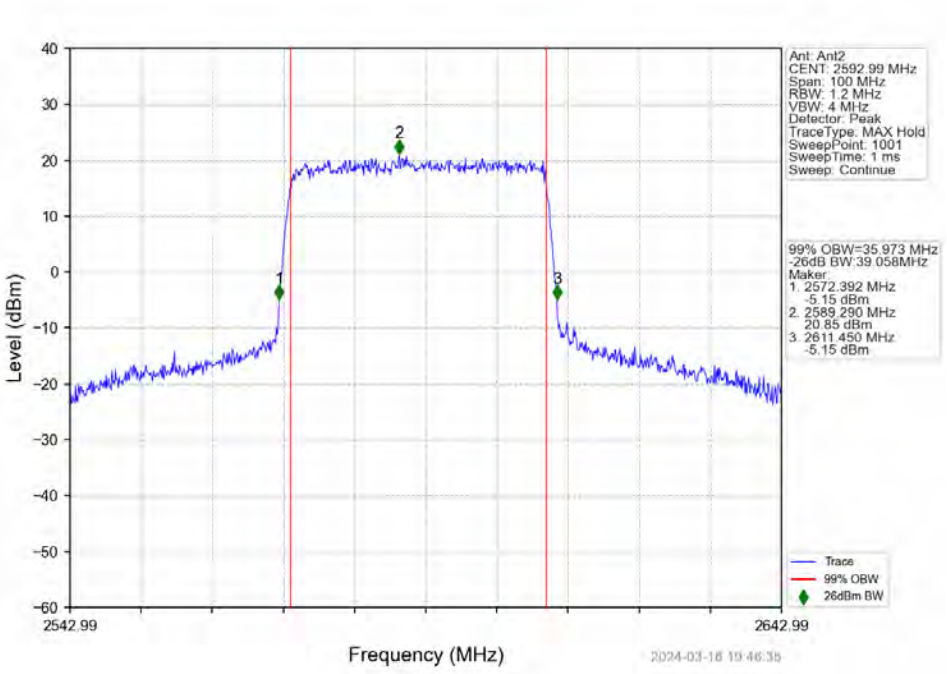
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2670MHz_Outer_Full



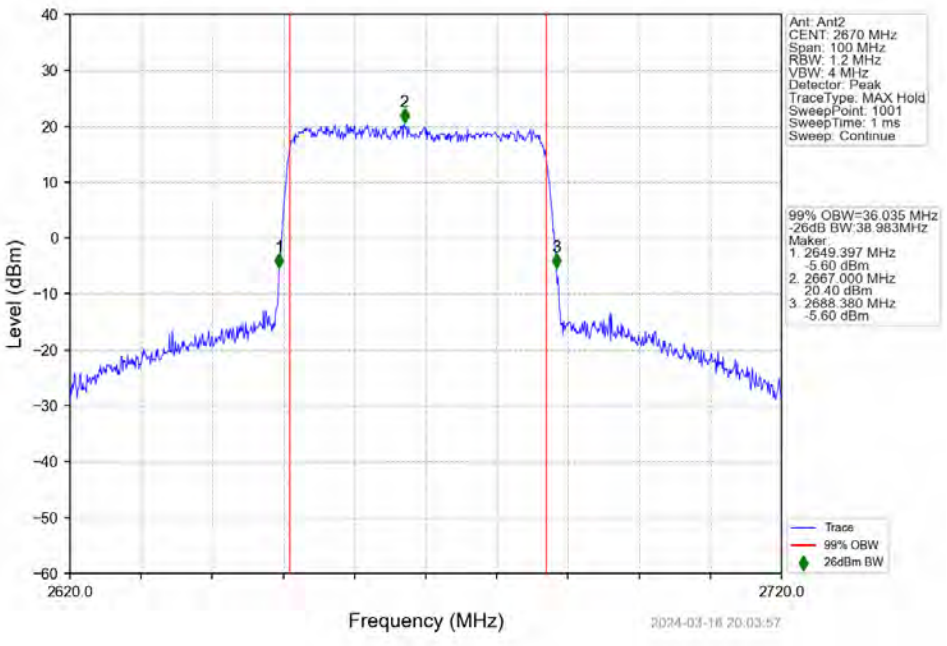
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2516.01MHz_Outer_Full



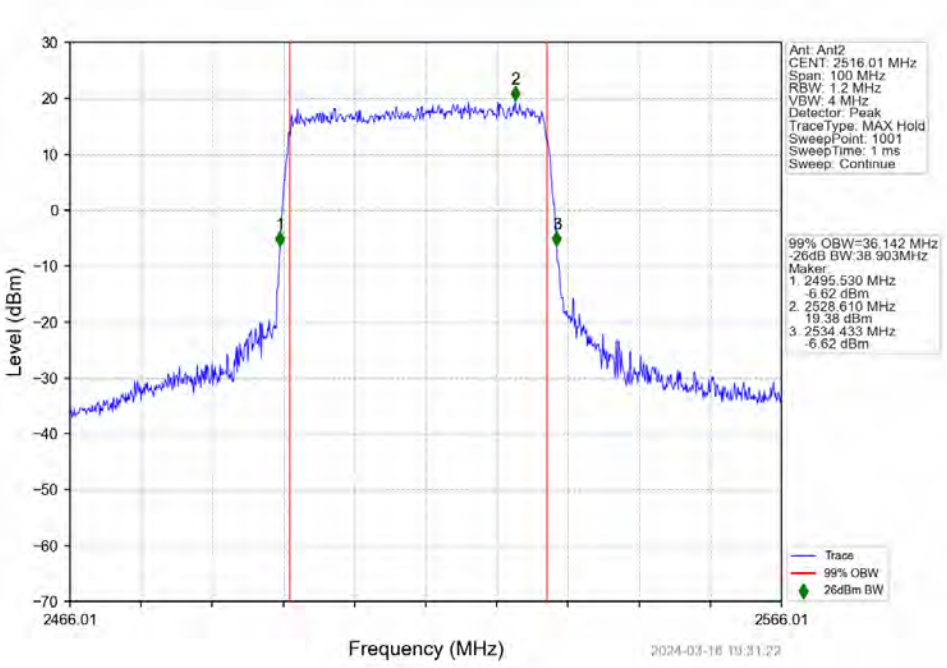
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full



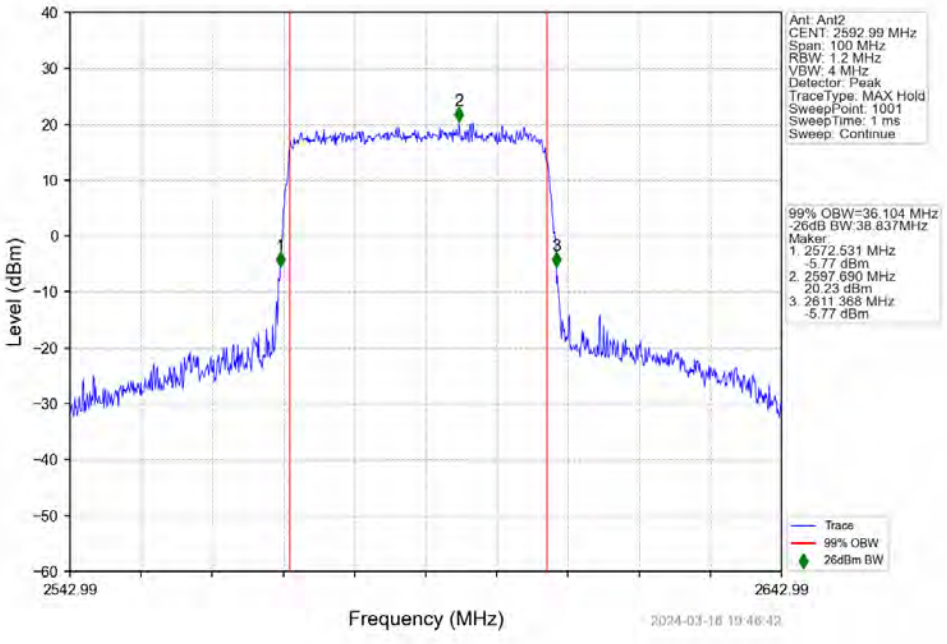
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2670MHz_Outer_Full



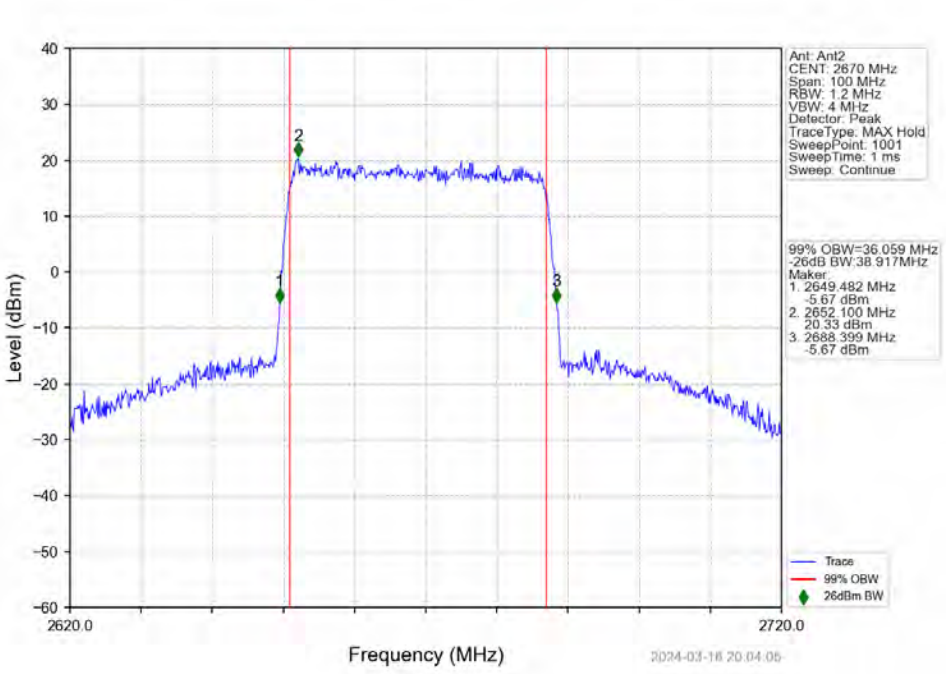
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_2516.01MHz_Outer_Full



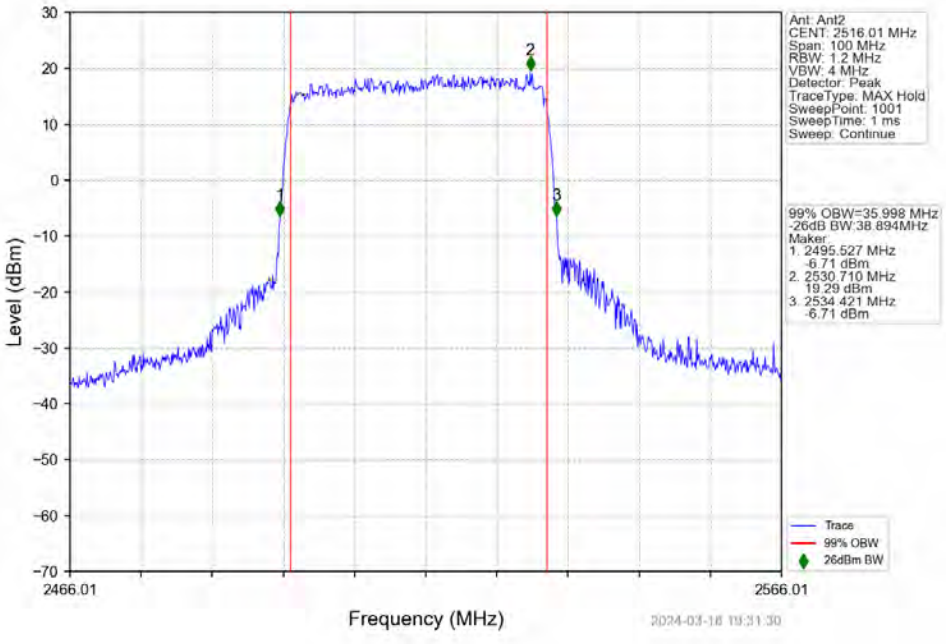
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full



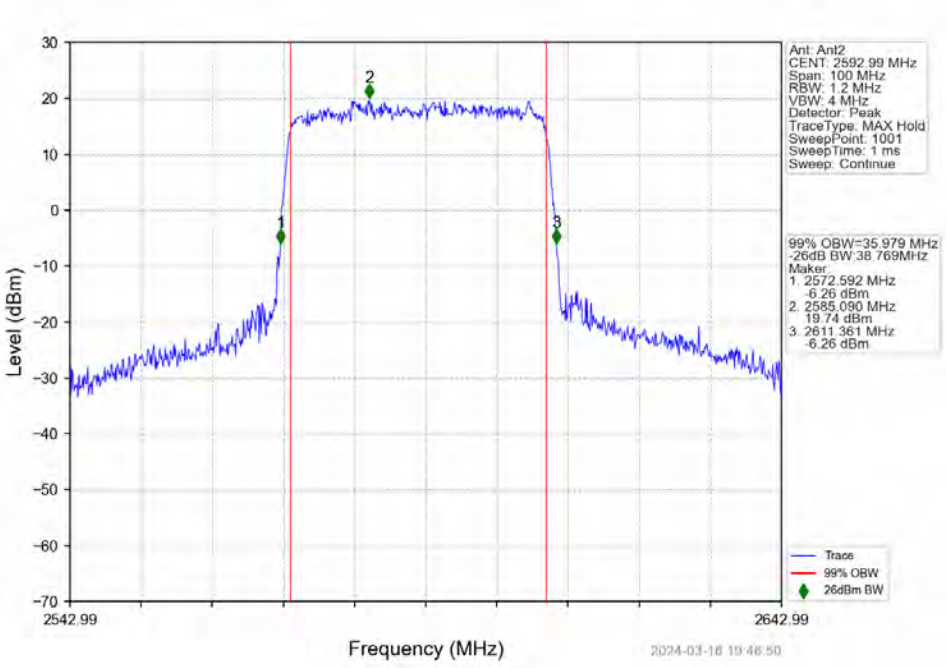
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_2670MHz_Outer_Full



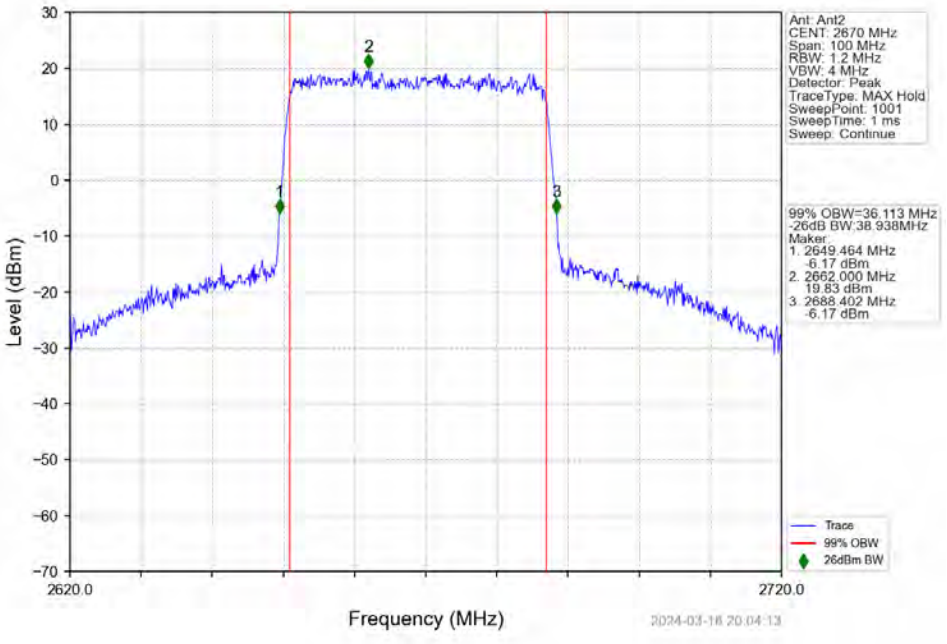
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_2516.01MHz_Outer_Full



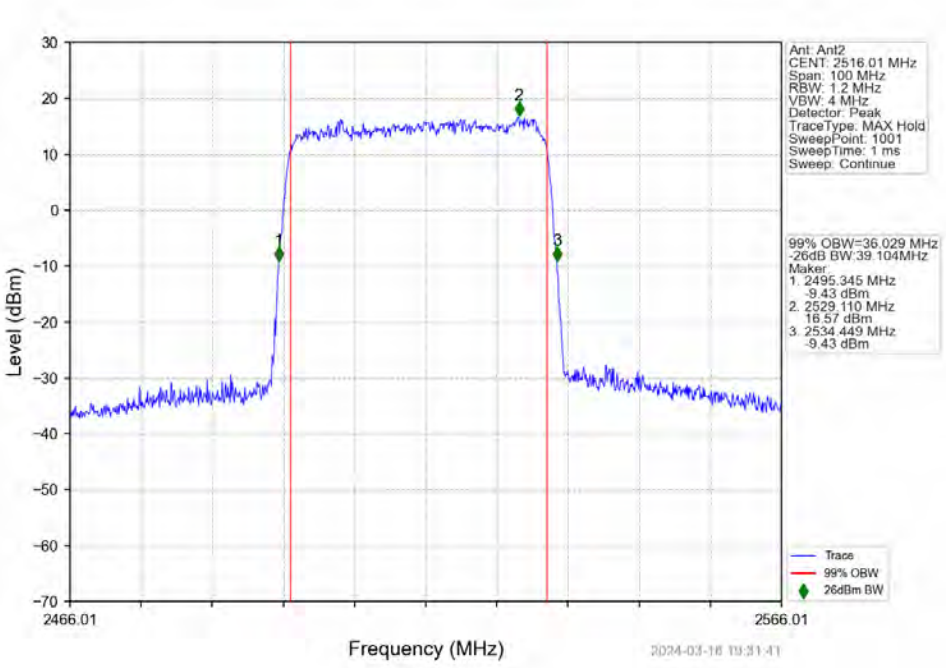
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full



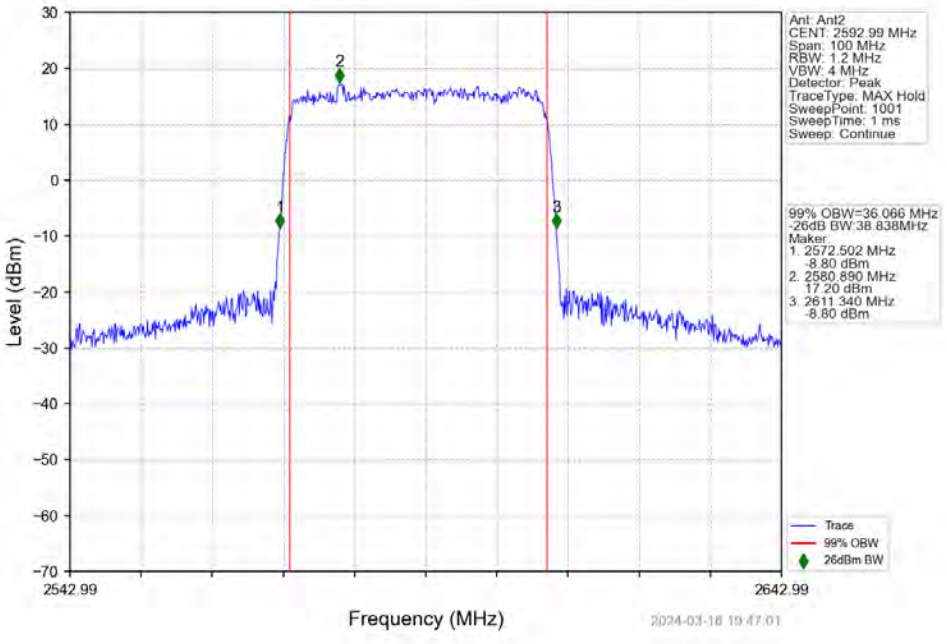
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_2670MHz_Outer_Full



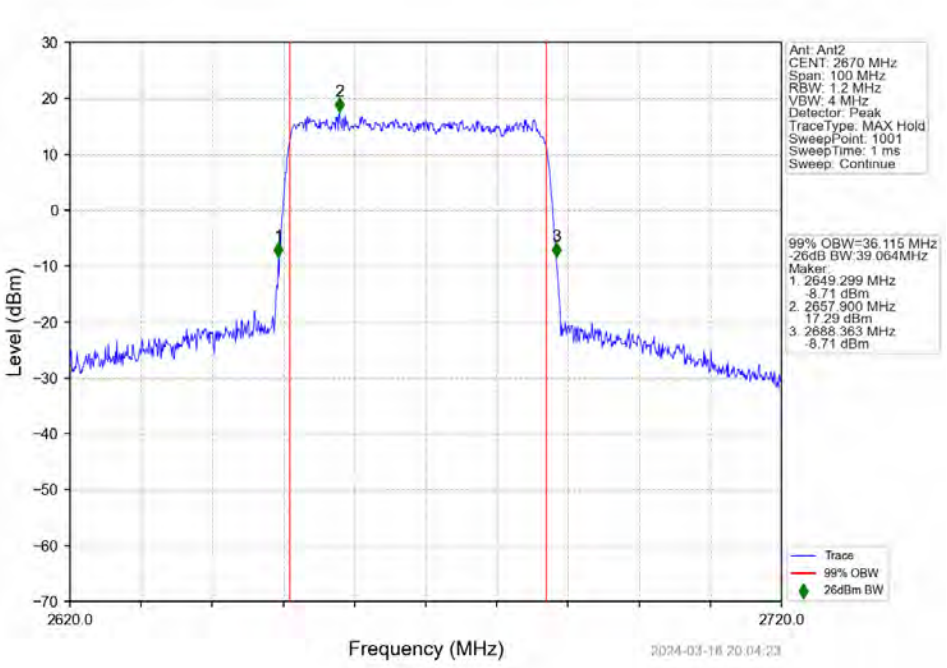
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_2516.01MHz_Outer_Full



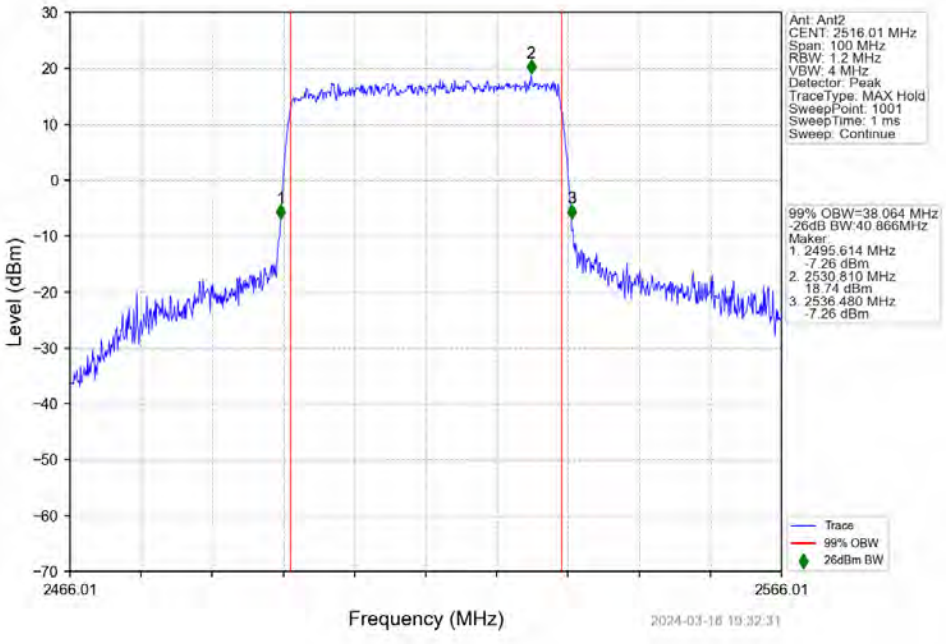
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full



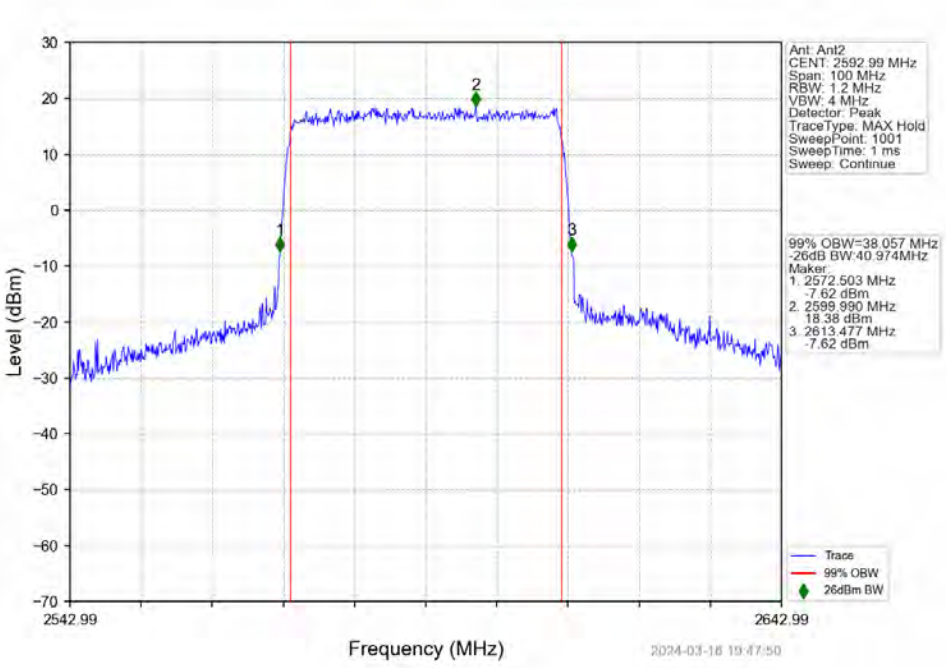
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_2670MHz_Outer_Full



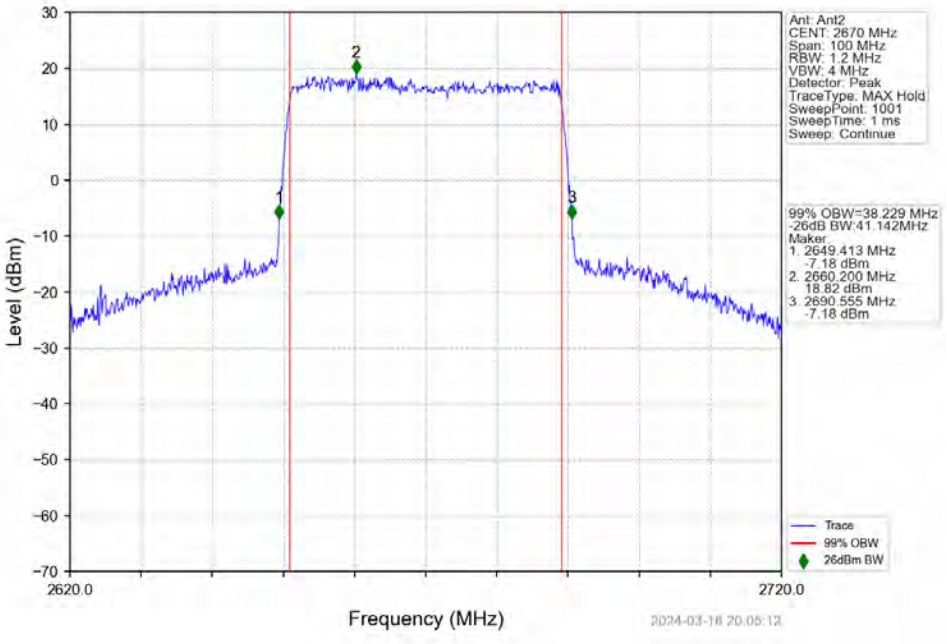
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2516.01MHz_Outer_Full



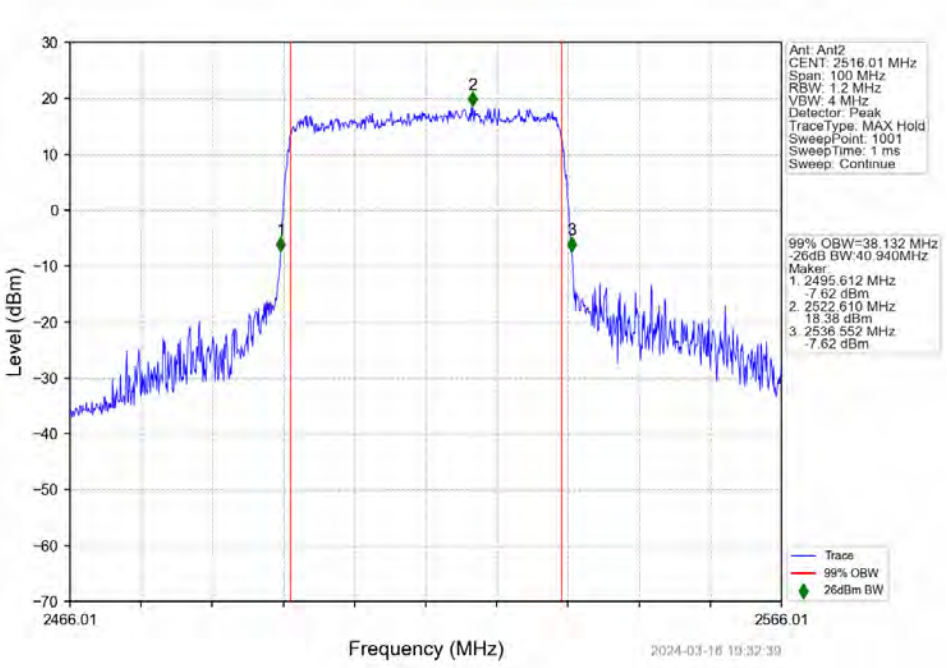
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full



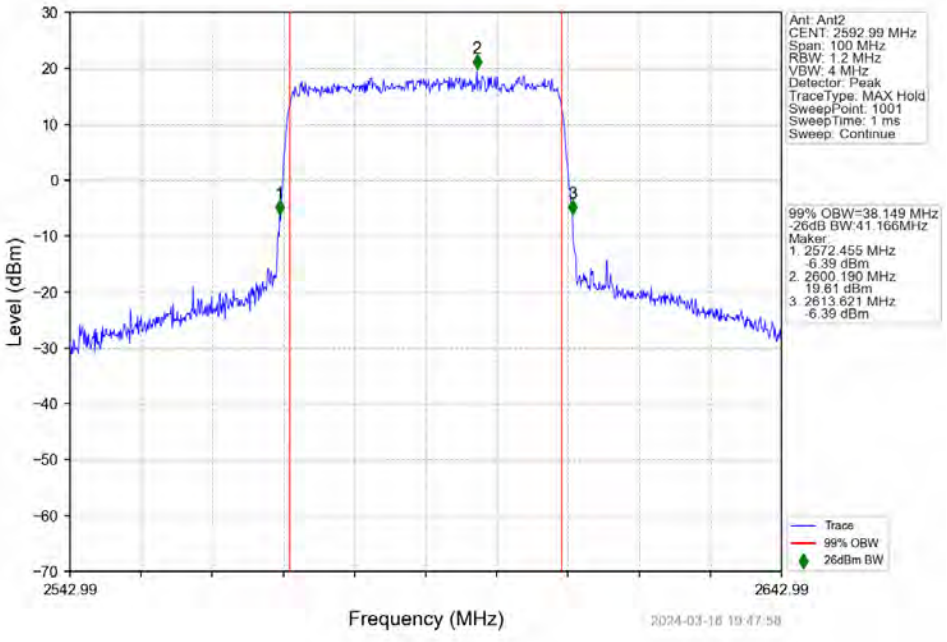
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2670MHz_Outer_Full



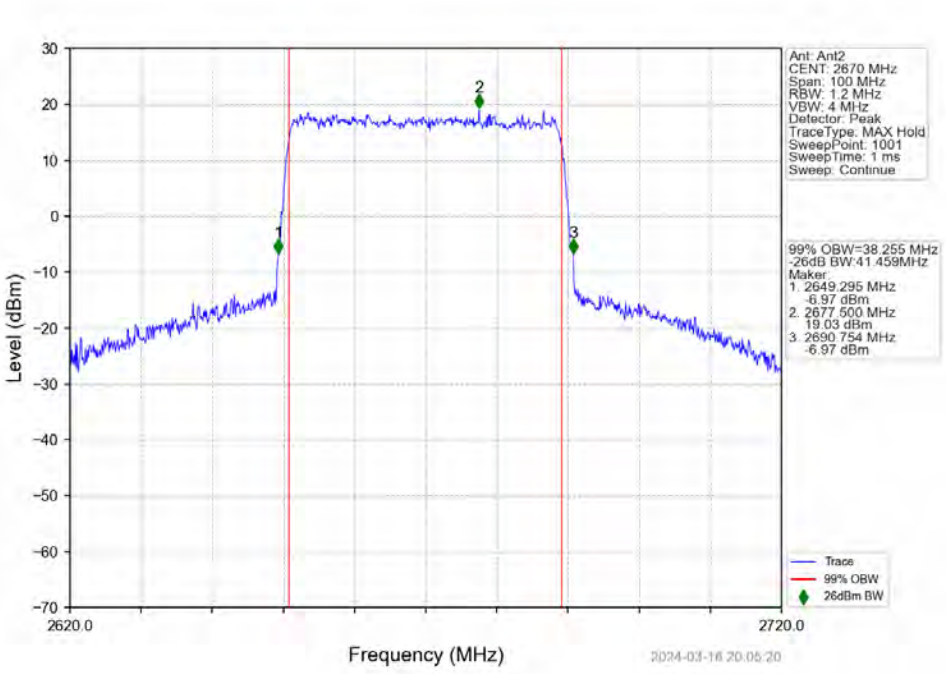
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_2516.01MHz_Outer_Full



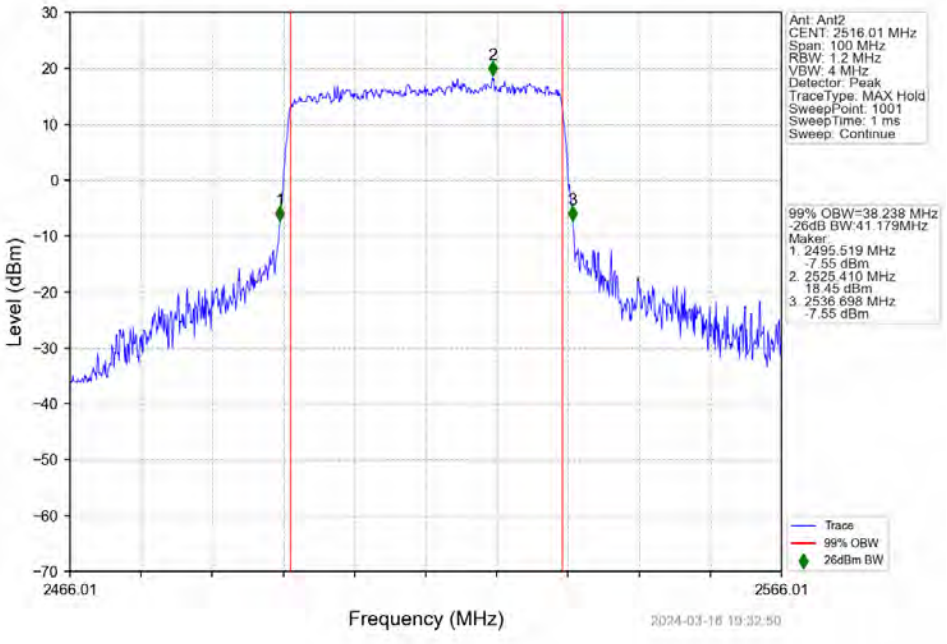
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full



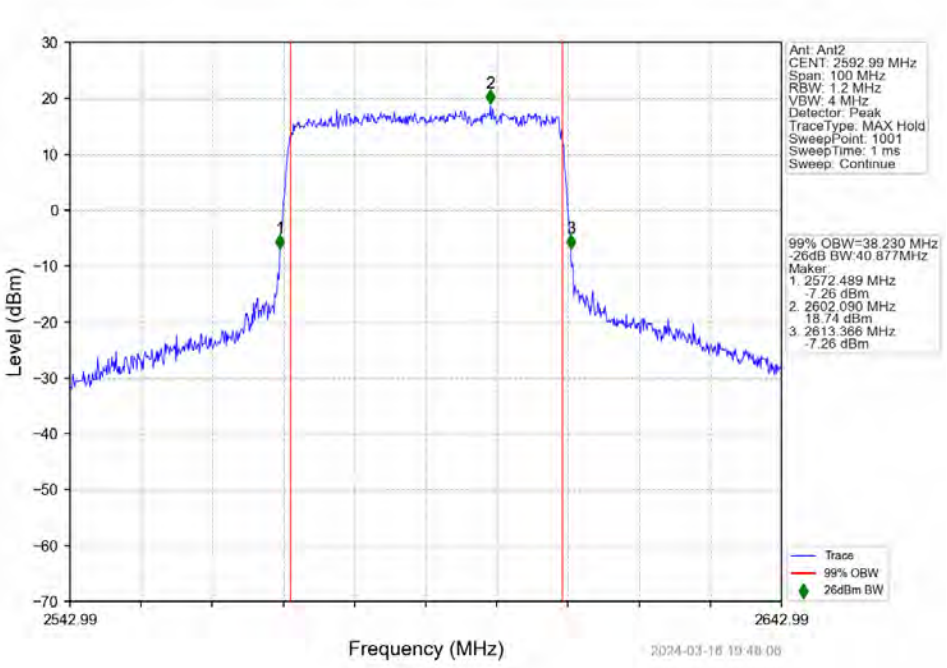
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_2670MHz_Outer_Full



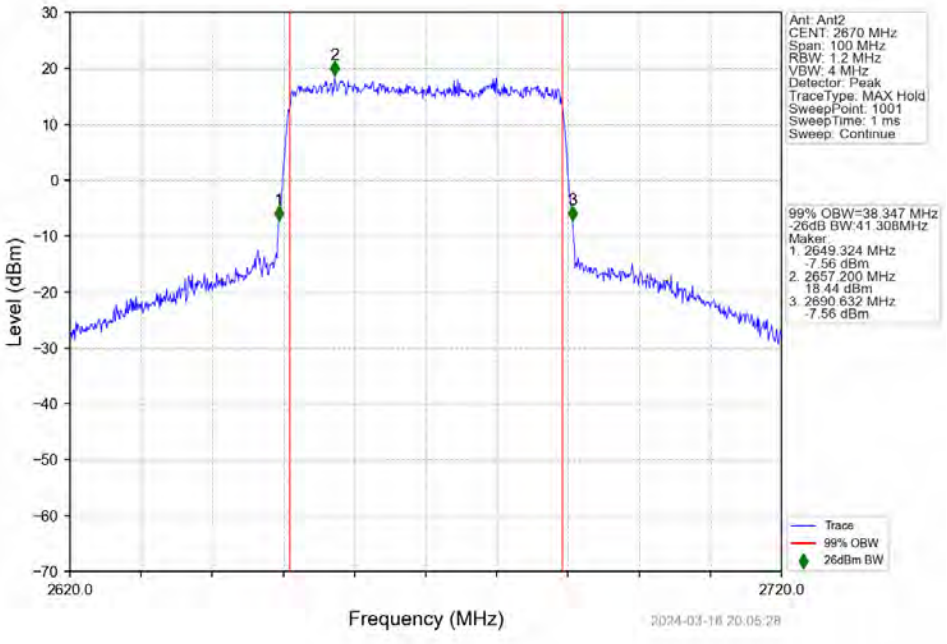
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2516.01MHz_Outer_Full



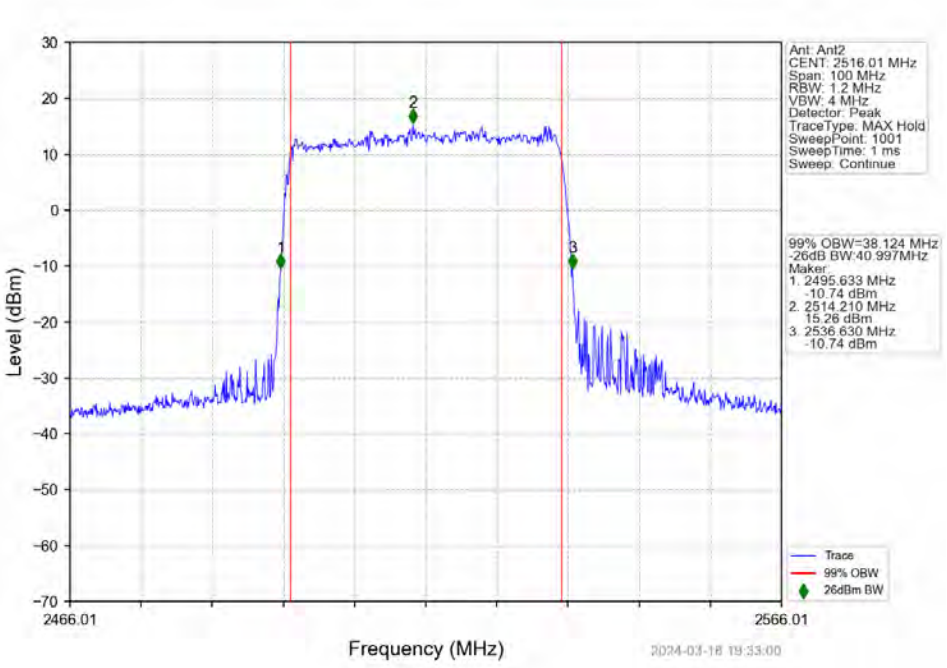
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full



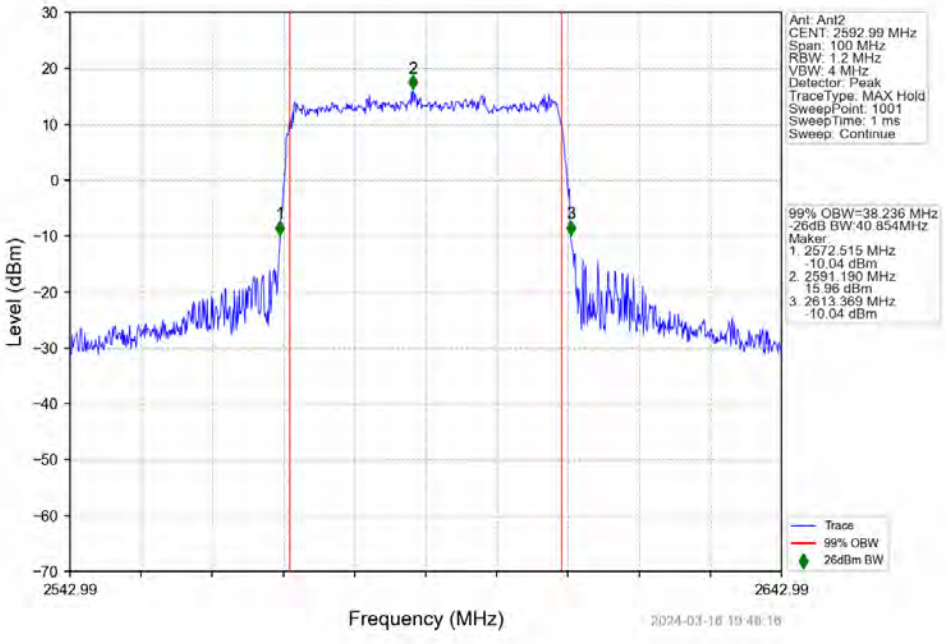
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2670MHz_Outer_Full



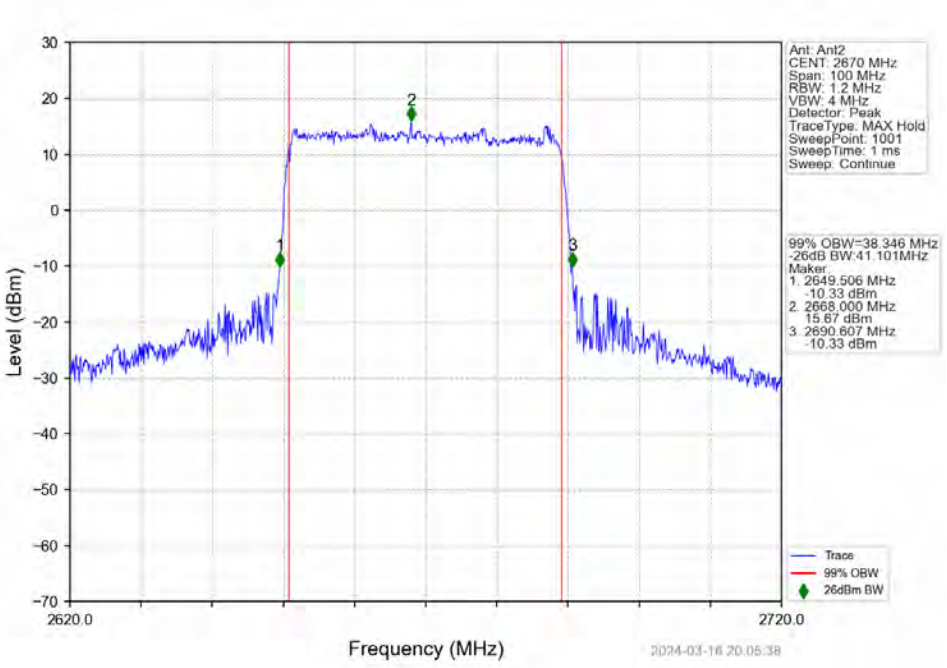
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2516.01MHz_Outer_Full



n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2670MHz_Outer_Full



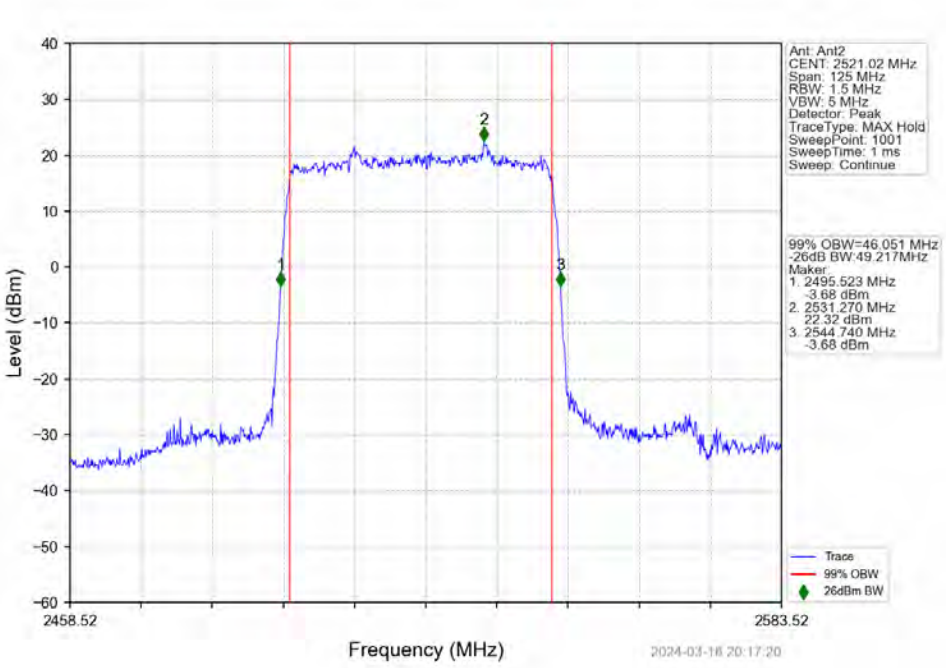
3.4 30k_SISO_50MHz_NTNV

3.4.1 Test Result

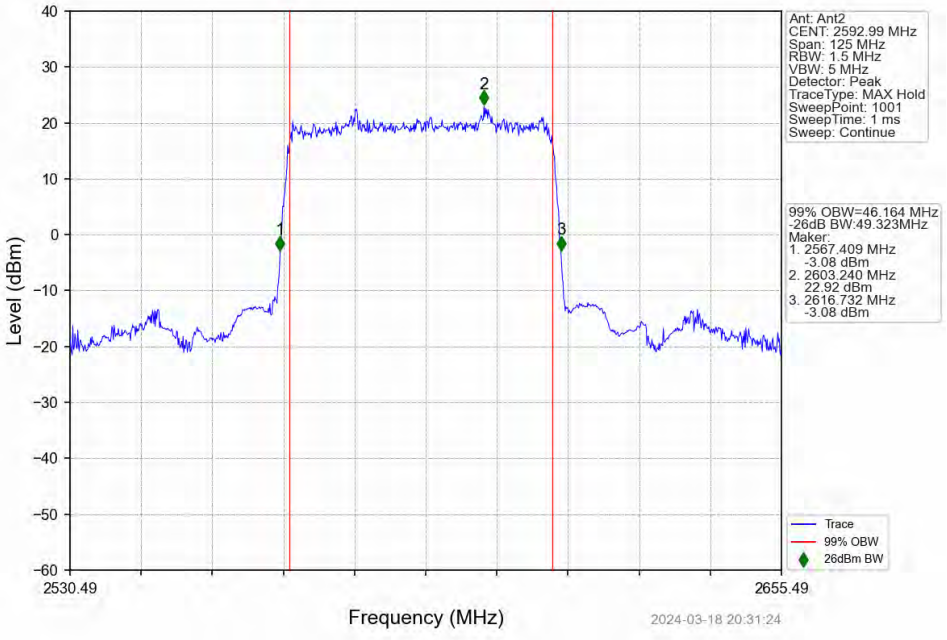
5G NR n41 SCS=30kHz SISO 50MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2521.02	Outer_Full	46.05	49.22	/	Pass
	2592.99	Outer_Full	46.16	49.32	/	Pass
	2664.99	Outer_Full	46.20	49.41	/	Pass
DFT-s-OFDM QPSK	2521.02	Outer_Full	46.23	49.34	/	Pass
	2592.99	Outer_Full	46.19	49.38	/	Pass
	2664.99	Outer_Full	46.22	49.64	/	Pass
DFT-s-OFDM 16 QAM	2521.02	Outer_Full	46.04	49.30	/	Pass
	2592.99	Outer_Full	46.29	49.36	/	Pass
	2664.99	Outer_Full	46.37	49.53	/	Pass
DFT-s-OFDM 64 QAM	2521.02	Outer_Full	45.80	49.12	/	Pass
	2592.99	Outer_Full	46.02	49.42	/	Pass
	2664.99	Outer_Full	46.15	49.35	/	Pass
DFT-s-OFDM 256 QAM	2521.02	Outer_Full	45.97	49.33	/	Pass
	2592.99	Outer_Full	46.16	49.36	/	Pass
	2664.99	Outer_Full	46.12	49.41	/	Pass
CP-OFDM QPSK	2521.02	Outer_Full	47.87	51.08	/	Pass
	2592.99	Outer_Full	47.89	51.20	/	Pass
	2664.99	Outer_Full	48.01	51.30	/	Pass
CP-OFDM 16 QAM	2521.02	Outer_Full	47.79	51.36	/	Pass
	2592.99	Outer_Full	47.92	51.17	/	Pass
	2664.99	Outer_Full	48.08	51.29	/	Pass
CP-OFDM 64 QAM	2521.02	Outer_Full	47.82	51.29	/	Pass
	2592.99	Outer_Full	47.90	51.55	/	Pass
	2664.99	Outer_Full	48.02	51.59	/	Pass
CP-OFDM 256 QAM	2521.02	Outer_Full	47.83	51.12	/	Pass
	2592.99	Outer_Full	47.73	51.20	/	Pass
	2664.99	Outer_Full	47.89	51.22	/	Pass

3.4.2 Test Graph

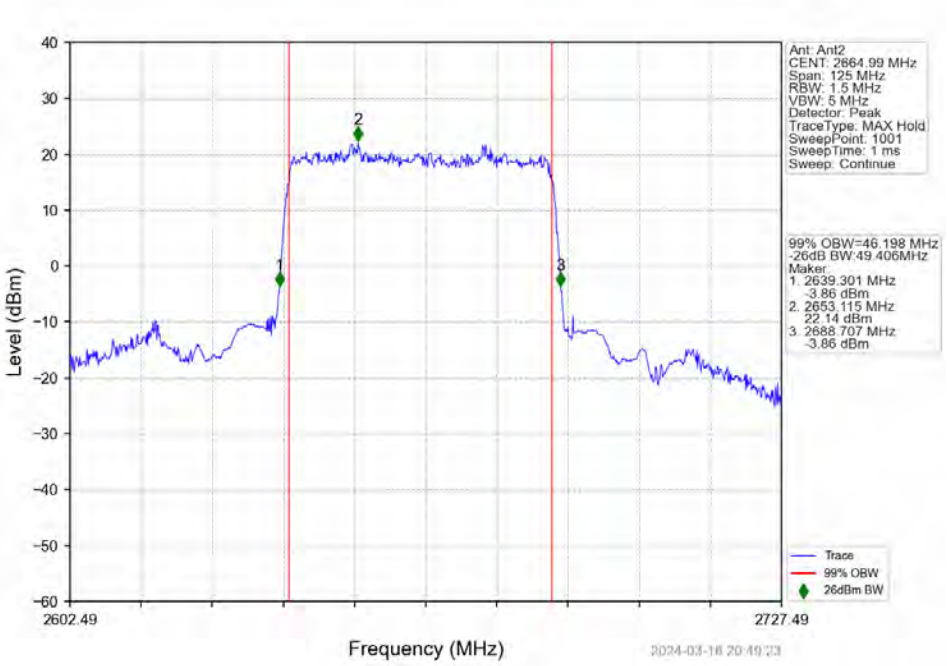
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2521.02MHz_Outer_Full



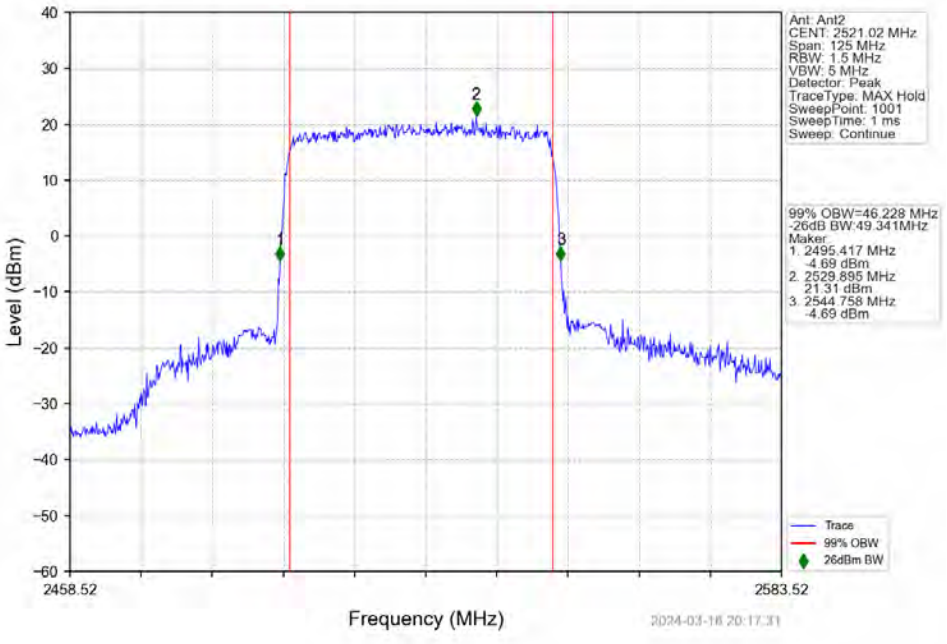
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full



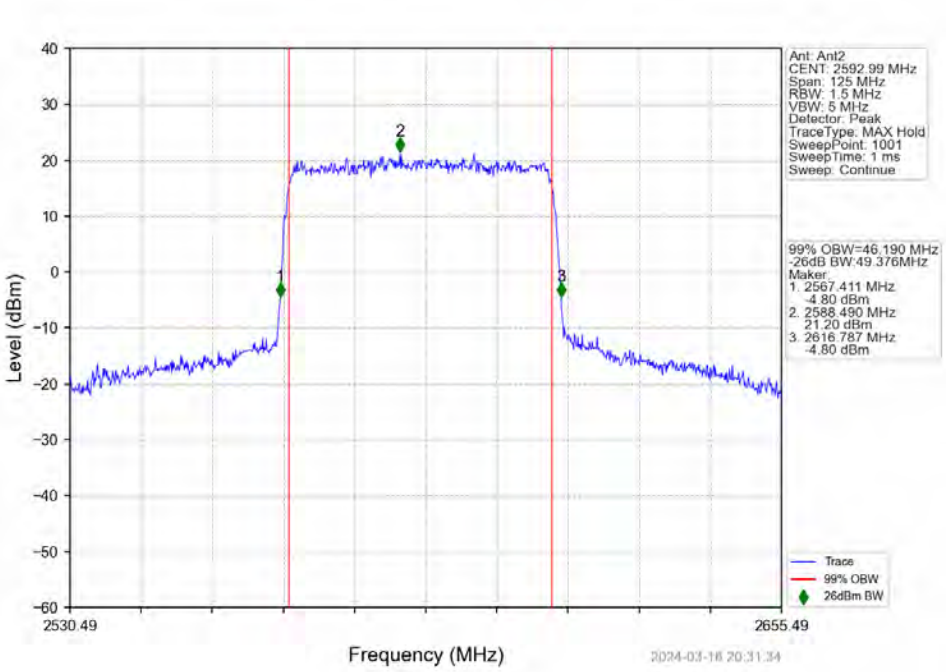
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2664.99MHz_Outer_Full



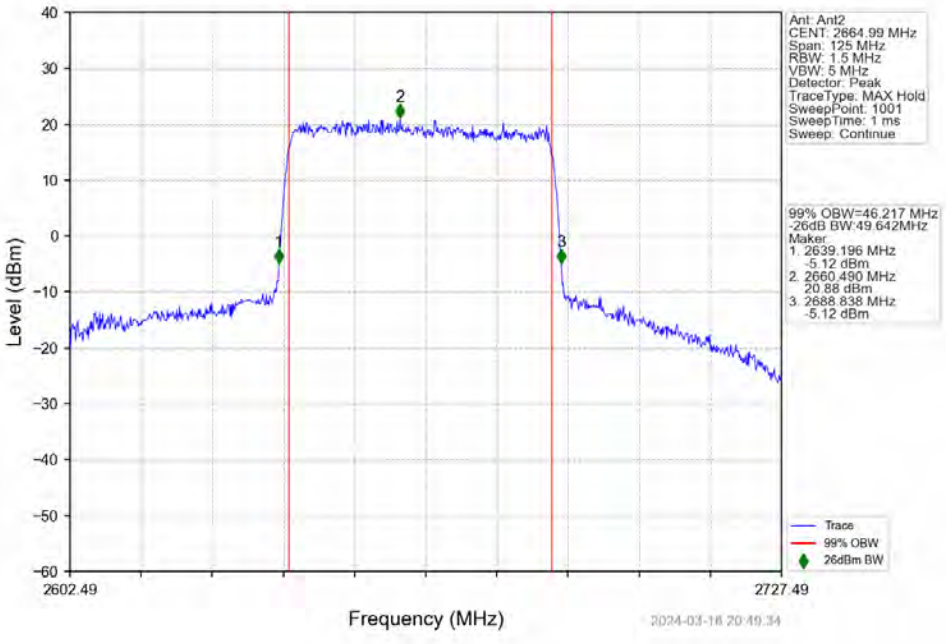
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2521.02MHz_Outer_Full



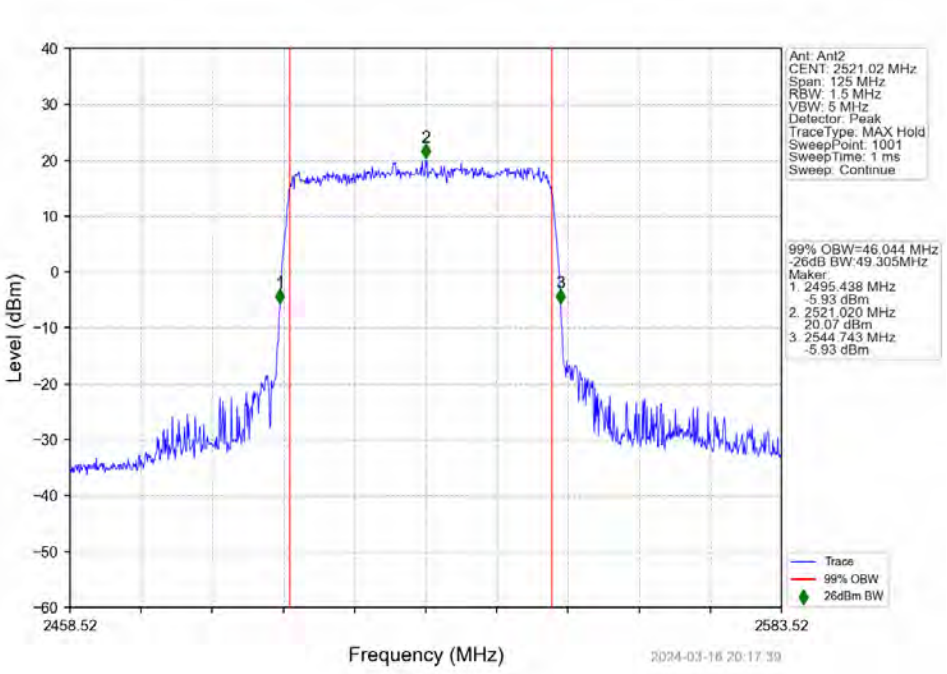
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full



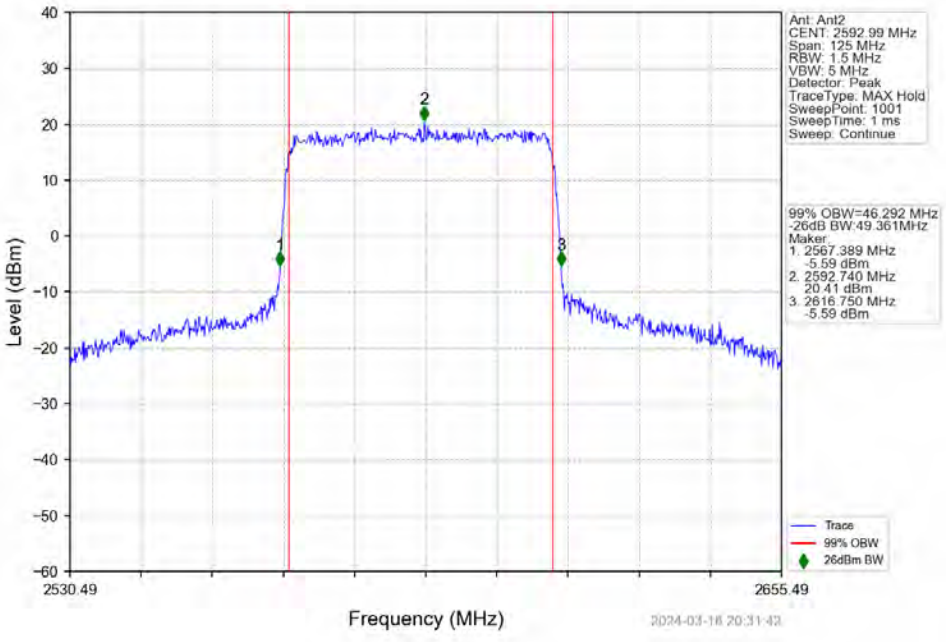
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2664.99MHz_Outer_Full



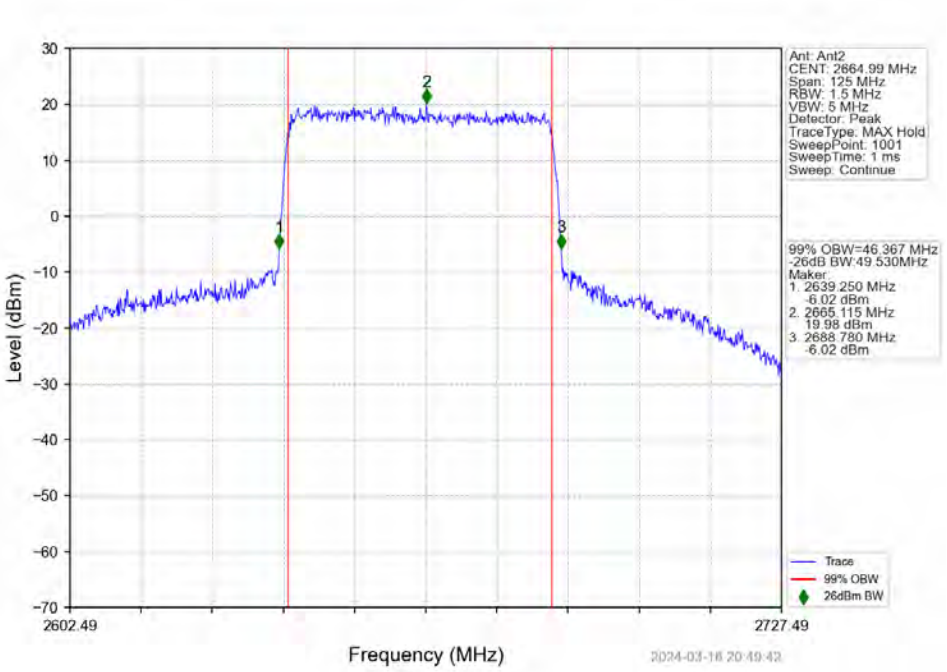
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_2521.02MHz_Outer_Full



n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_2664.99MHz_Outer_Full



n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_2521.02MHz_Outer_Full