

1. Effective (Isotropic) Radiated Power Output Data

1.1 30k_SISO_20MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	21.14	/	/	19.94	/	/	/	Pass
		Edge_1RB_Right	21.06	/	/	19.86	/	/	/	Pass
		Outer_Full	21.24	/	/	20.04	/	/	/	Pass
		Inner_Full	21.85	/	/	20.65	/	/	/	Pass
		Inner_1RB_Left	22.23	/	/	21.03	/	/	/	Pass
		Inner_1RB_Right	22.23	/	/	21.03	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.53	/	/	20.33	/	/	/	Pass
		Edge_1RB_Right	21.65	/	/	20.45	/	/	/	Pass
		Outer_Full	21.54	/	/	20.34	/	/	/	Pass
		Inner_Full	22.15	/	/	20.95	/	/	/	Pass
		Inner_1RB_Left	22.05	/	/	20.85	/	/	/	Pass
		Inner_1RB_Right	22.21	/	/	21.01	/	/	/	Pass
	3690	Edge_1RB_Left	21.46	/	/	20.26	/	/	/	Pass
		Edge_1RB_Right	21.13	/	/	19.93	/	/	/	Pass
		Outer_Full	21.81	/	/	20.61	/	/	/	Pass
		Inner_Full	22.24	/	/	21.04	/	/	/	Pass
		Inner_1RB_Left	22.26	/	/	21.06	/	/	/	Pass
		Inner_1RB_Right	22.17	/	/	20.97	/	/	/	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	20.72	/	/	19.52	/	/	/	Pass
		Edge_1RB_Right	20.60	/	/	19.4	/	/	/	Pass
		Outer_Full	20.74	/	/	19.54	/	/	/	Pass
		Inner_Full	21.84	/	/	20.64	/	/	/	Pass
		Inner_1RB_Left	21.64	/	/	20.44	/	/	/	Pass
		Inner_1RB_Right	21.61	/	/	20.41	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.86	/	/	19.66	/	/	/	Pass
		Edge_1RB_Right	21.06	/	/	19.86	/	/	/	Pass
		Outer_Full	20.98	/	/	19.78	/	/	/	Pass
		Inner_Full	22.03	/	/	20.83	/	/	/	Pass
		Inner_1RB_Left	21.82	/	/	20.62	/	/	/	Pass
		Inner_1RB_Right	22.19	/	/	20.99	/	/	/	Pass
	3690	Edge_1RB_Left	21.36	/	/	20.16	/	/	/	Pass
		Edge_1RB_Right	21.08	/	/	19.88	/	/	/	Pass
		Outer_Full	21.20	/	/	20	/	/	/	Pass
		Inner_Full	22.18	/	/	20.98	/	/	/	Pass
		Inner_1RB_Left	22.39	/	/	21.19	/	/	/	Pass
		Inner_1RB_Right	22.07	/	/	20.87	/	/	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	19.69	/	/	18.49	/	/	/	Pass
		Edge_1RB_Right	19.57	/	/	18.37	/	/	/	Pass
		Outer_Full	19.76	/	/	18.56	/	/	/	Pass
		Inner_Full	20.87	/	/	19.67	/	/	/	Pass
		Inner_1RB_Left	20.71	/	/	19.51	/	/	/	Pass
		Inner_1RB_Right	20.67	/	/	19.47	/	/	/	Pass
	3624.99	Edge_1RB_Left	19.87	/	/	18.67	/	/	/	Pass
		Edge_1RB_Right	20.03	/	/	18.83	/	/	/	Pass
		Outer_Full	20.16	/	/	18.96	/	/	/	Pass
		Inner_Full	21.05	/	/	19.85	/	/	/	Pass

		Inner_1RB_Left	20.86	/	/	19.66	/	/	/	Pass
		Inner_1RB_Right	21.12	/	/	19.92	/	/	/	Pass
	3690	Edge_1RB_Left	20.09	/	/	18.89	/	/	/	Pass
		Edge_1RB_Right	19.96	/	/	18.76	/	/	/	Pass
		Outer_Full	20.23	/	/	19.03	/	/	/	Pass
		Inner_Full	21.21	/	/	20.01	/	/	/	Pass
		Inner_1RB_Left	21.16	/	/	19.96	/	/	/	Pass
		Inner_1RB_Right	21.05	/	/	19.85	/	/	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	18.28	/	/	17.08	/	/	/	Pass
		Edge_1RB_Right	18.10	/	/	16.9	/	/	/	Pass
		Outer_Full	18.27	/	/	17.07	/	/	/	Pass
		Inner_Full	18.36	/	/	17.16	/	/	/	Pass
		Inner_1RB_Left	18.28	/	/	17.08	/	/	/	Pass
		Inner_1RB_Right	18.19	/	/	16.99	/	/	/	Pass
	3624.99	Edge_1RB_Left	19.32	/	/	18.12	/	/	/	Pass
		Edge_1RB_Right	19.61	/	/	18.41	/	/	/	Pass
		Outer_Full	19.59	/	/	18.39	/	/	/	Pass
		Inner_Full	19.68	/	/	18.48	/	/	/	Pass
		Inner_1RB_Left	19.45	/	/	18.25	/	/	/	Pass
		Inner_1RB_Right	19.70	/	/	18.5	/	/	/	Pass
	3690	Edge_1RB_Left	19.74	/	/	18.54	/	/	/	Pass
		Edge_1RB_Right	19.56	/	/	18.36	/	/	/	Pass
		Outer_Full	19.66	/	/	18.46	/	/	/	Pass
		Inner_Full	19.79	/	/	18.59	/	/	/	Pass
		Inner_1RB_Left	19.73	/	/	18.53	/	/	/	Pass
		Inner_1RB_Right	19.56	/	/	18.36	/	/	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	16.22	/	/	15.02	/	/	/	Pass
		Edge_1RB_Right	16.18	/	/	14.98	/	/	/	Pass
		Outer_Full	16.33	/	/	15.13	/	/	/	Pass
		Inner_Full	16.38	/	/	15.18	/	/	/	Pass
		Inner_1RB_Left	16.06	/	/	14.86	/	/	/	Pass
		Inner_1RB_Right	16.12	/	/	14.92	/	/	/	Pass
	3624.99	Edge_1RB_Left	17.30	/	/	16.1	/	/	/	Pass
		Edge_1RB_Right	17.75	/	/	16.55	/	/	/	Pass
		Outer_Full	17.44	/	/	16.24	/	/	/	Pass
		Inner_Full	17.60	/	/	16.4	/	/	/	Pass
		Inner_1RB_Left	17.27	/	/	16.07	/	/	/	Pass
		Inner_1RB_Right	17.75	/	/	16.55	/	/	/	Pass
	3690	Edge_1RB_Left	17.55	/	/	16.35	/	/	/	Pass
		Edge_1RB_Right	17.55	/	/	16.35	/	/	/	Pass
		Outer_Full	17.61	/	/	16.41	/	/	/	Pass
		Inner_Full	17.64	/	/	16.44	/	/	/	Pass
		Inner_1RB_Left	17.85	/	/	16.65	/	/	/	Pass
		Inner_1RB_Right	17.65	/	/	16.45	/	/	/	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	17.85	/	/	16.65	/	/	/	Pass
		Edge_1RB_Right	17.76	/	/	16.56	/	/	/	Pass
		Outer_Full	17.78	/	/	16.58	/	/	/	Pass
		Inner_Full	19.42	/	/	18.22	/	/	/	Pass
		Inner_1RB_Left	19.23	/	/	18.03	/	/	/	Pass
		Inner_1RB_Right	19.28	/	/	18.08	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.96	/	/	17.76	/	/	/	Pass
		Edge_1RB_Right	19.22	/	/	18.02	/	/	/	Pass
		Outer_Full	19.04	/	/	17.84	/	/	/	Pass
		Inner_Full	20.70	/	/	19.5	/	/	/	Pass
		Inner_1RB_Left	20.51	/	/	19.31	/	/	/	Pass
		Inner_1RB_Right	20.80	/	/	19.6	/	/	/	Pass
	3690	Edge_1RB_Left	19.32	/	/	18.12	/	/	/	Pass
		Edge_1RB_Right	19.04	/	/	17.84	/	/	/	Pass
		Outer_Full	19.17	/	/	17.97	/	/	/	Pass

		Inner_Full	20.88	/	/	19.68	/	/	/	Pass
		Inner_1RB_Left	20.79	/	/	19.59	/	/	/	Pass
		Inner_1RB_Right	20.56	/	/	19.36	/	/	/	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	18.69	/	/	17.49	/	/	/	Pass
		Edge_1RB_Right	18.74	/	/	17.54	/	/	/	Pass
		Outer_Full	18.8	/	/	17.6	/	/	/	Pass
		Inner_Full	19.92	/	/	18.72	/	/	/	Pass
		Inner_1RB_Left	19.67	/	/	18.47	/	/	/	Pass
		Inner_1RB_Right	19.7	/	/	18.5	/	/	/	Pass
		Edge_1RB_Left	18.65	/	/	17.45	/	/	/	Pass
		Edge_1RB_Right	19.00	/	/	17.8	/	/	/	Pass
		Outer_Full	19.04	/	/	17.84	/	/	/	Pass
	3624.99	Inner_Full	20.03	/	/	18.83	/	/	/	Pass
		Inner_1RB_Left	19.74	/	/	18.54	/	/	/	Pass
		Inner_1RB_Right	20.13	/	/	18.93	/	/	/	Pass
		Edge_1RB_Left	19.22	/	/	18.02	/	/	/	Pass
		Edge_1RB_Right	18.97	/	/	17.77	/	/	/	Pass
		Outer_Full	19.19	/	/	17.99	/	/	/	Pass
	3690	Inner_Full	20.21	/	/	19.01	/	/	/	Pass
		Inner_1RB_Left	20.21	/	/	19.01	/	/	/	Pass
		Inner_1RB_Right	20.12	/	/	18.92	/	/	/	Pass
Edge_1RB_Left		18.26	/	/	17.06	/	/	/	Pass	
Edge_1RB_Right		18.27	/	/	17.07	/	/	/	Pass	
Outer_Full		18.25	/	/	17.05	/	/	/	Pass	
CP-OFDM 64 QAM	3560.01	Inner_Full	18.3	/	/	17.1	/	/	/	Pass
		Inner_1RB_Left	18.25	/	/	17.05	/	/	/	Pass
		Inner_1RB_Right	18.41	/	/	17.21	/	/	/	Pass
		Edge_1RB_Left	18.35	/	/	17.15	/	/	/	Pass
		Edge_1RB_Right	18.78	/	/	17.58	/	/	/	Pass
		Outer_Full	18.49	/	/	17.29	/	/	/	Pass
	3624.99	Inner_Full	18.54	/	/	17.34	/	/	/	Pass
		Inner_1RB_Left	18.35	/	/	17.15	/	/	/	Pass
		Inner_1RB_Right	18.85	/	/	17.65	/	/	/	Pass
		Edge_1RB_Left	18.69	/	/	17.49	/	/	/	Pass
		Edge_1RB_Right	18.65	/	/	17.45	/	/	/	Pass
		Outer_Full	18.68	/	/	17.48	/	/	/	Pass
	3690	Inner_Full	18.83	/	/	17.63	/	/	/	Pass
		Inner_1RB_Left	18.69	/	/	17.49	/	/	/	Pass
		Inner_1RB_Right	18.59	/	/	17.39	/	/	/	Pass
		Edge_1RB_Left	15.24	/	/	14.04	/	/	/	Pass
		Edge_1RB_Right	15.2	/	/	14	/	/	/	Pass
		Outer_Full	15.28	/	/	14.08	/	/	/	Pass
CP-OFDM 256 QAM	3560.01	Inner_Full	15.45	/	/	14.25	/	/	/	Pass
		Inner_1RB_Left	15.16	/	/	13.96	/	/	/	Pass
		Inner_1RB_Right	15.14	/	/	13.94	/	/	/	Pass
		Edge_1RB_Left	15.49	/	/	14.29	/	/	/	Pass
		Edge_1RB_Right	15.75	/	/	14.55	/	/	/	Pass
		Outer_Full	15.57	/	/	14.37	/	/	/	Pass
	3624.99	Inner_Full	15.52	/	/	14.32	/	/	/	Pass
		Inner_1RB_Left	15.35	/	/	14.15	/	/	/	Pass
		Inner_1RB_Right	15.61	/	/	14.41	/	/	/	Pass
		Edge_1RB_Left	15.58	/	/	14.38	/	/	/	Pass
		Edge_1RB_Right	15.68	/	/	14.48	/	/	/	Pass
		Outer_Full	15.61	/	/	14.41	/	/	/	Pass
	3690	Inner_Full	15.69	/	/	14.49	/	/	/	Pass
		Inner_1RB_Left	15.65	/	/	14.45	/	/	/	Pass
		Inner_1RB_Right	15.60	/	/	14.4	/	/	/	Pass

Note1: Antenna Gain: Ant3: -1.2dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.2 30k_SISO_20MHz_NTNV_EIRP/10MHz

1.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	19.06	/	/	17.86	/	/	<=23	Pass
		Edge_1RB_Right	19.05	/	/	17.85	/	/	<=23	Pass
		Outer_Full	16.80	/	/	15.6	/	/	<=23	Pass
		Inner_Full	20.93	/	/	19.73	/	/	<=23	Pass
		Inner_1RB_Left	20.18	/	/	18.98	/	/	<=23	Pass
		Inner_1RB_Right	20.35	/	/	19.15	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.42	/	/	18.22	/	/	<=23	Pass
		Edge_1RB_Right	20.85	/	/	19.65	/	/	<=23	Pass
		Outer_Full	16.61	/	/	15.41	/	/	<=23	Pass
		Inner_Full	19.49	/	/	18.29	/	/	<=23	Pass
		Inner_1RB_Left	21.12	/	/	19.92	/	/	<=23	Pass
		Inner_1RB_Right	21.29	/	/	20.09	/	/	<=23	Pass
	3690	Edge_1RB_Left	18.64	/	/	17.44	/	/	<=23	Pass
		Edge_1RB_Right	18.69	/	/	17.49	/	/	<=23	Pass
		Outer_Full	18.57	/	/	17.37	/	/	<=23	Pass
		Inner_Full	20.31	/	/	19.11	/	/	<=23	Pass
		Inner_1RB_Left	20.23	/	/	19.03	/	/	<=23	Pass
		Inner_1RB_Right	21.77	/	/	20.57	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	17.18	/	/	15.98	/	/	<=23	Pass
		Edge_1RB_Right	18.29	/	/	17.09	/	/	<=23	Pass
		Outer_Full	15.09	/	/	13.89	/	/	<=23	Pass
		Inner_Full	18.27	/	/	17.07	/	/	<=23	Pass
		Inner_1RB_Left	18.34	/	/	17.14	/	/	<=23	Pass
		Inner_1RB_Right	18.85	/	/	17.65	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.98	/	/	17.78	/	/	<=23	Pass
		Edge_1RB_Right	19.12	/	/	17.92	/	/	<=23	Pass
		Outer_Full	17.22	/	/	16.02	/	/	<=23	Pass
		Inner_Full	19.94	/	/	18.74	/	/	<=23	Pass
		Inner_1RB_Left	19.24	/	/	18.04	/	/	<=23	Pass
		Inner_1RB_Right	20.70	/	/	19.5	/	/	<=23	Pass
	3690	Edge_1RB_Left	20.39	/	/	19.19	/	/	<=23	Pass
		Edge_1RB_Right	20.93	/	/	19.73	/	/	<=23	Pass
		Outer_Full	18.35	/	/	17.15	/	/	<=23	Pass
		Inner_Full	21.65	/	/	20.45	/	/	<=23	Pass
		Inner_1RB_Left	19.70	/	/	18.5	/	/	<=23	Pass
		Inner_1RB_Right	20.39	/	/	19.19	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	16.28	/	/	15.08	/	/	<=23	Pass
		Edge_1RB_Right	16.60	/	/	15.4	/	/	<=23	Pass
		Outer_Full	14.23	/	/	13.03	/	/	<=23	Pass
		Inner_Full	17.58	/	/	16.38	/	/	<=23	Pass
		Inner_1RB_Left	16.74	/	/	15.54	/	/	<=23	Pass
		Inner_1RB_Right	16.33	/	/	15.13	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.72	/	/	16.52	/	/	<=23	Pass
		Edge_1RB_Right	18.49	/	/	17.29	/	/	<=23	Pass
		Outer_Full	16.25	/	/	15.05	/	/	<=23	Pass
		Inner_Full	18.85	/	/	17.65	/	/	<=23	Pass
		Inner_1RB_Left	19.08	/	/	17.88	/	/	<=23	Pass
		Inner_1RB_Right	19.87	/	/	18.67	/	/	<=23	Pass
	3690	Edge_1RB_Left	18.80	/	/	17.6	/	/	<=23	Pass

		Edge 1RB Right	18.64	/	/	17.44	/	/	<=23	Pass	
		Outer Full	16.75	/	/	15.55	/	/	<=23	Pass	
		Inner Full	20.00	/	/	18.8	/	/	<=23	Pass	
		Inner 1RB Left	19.56	/	/	18.36	/	/	<=23	Pass	
		Inner 1RB Right	17.85	/	/	16.65	/	/	<=23	Pass	
DFT-s-OFDM 64 QAM	3560.01	Edge 1RB Left	15.38	/	/	14.18	/	/	<=23	Pass	
		Edge 1RB Right	16.70	/	/	15.5	/	/	<=23	Pass	
		Outer Full	13.61	/	/	12.41	/	/	<=23	Pass	
		Inner Full	16.28	/	/	15.08	/	/	<=23	Pass	
		Inner 1RB Left	15.57	/	/	14.37	/	/	<=23	Pass	
		Inner 1RB Right	16.21	/	/	15.01	/	/	<=23	Pass	
	3624.99	Edge 1RB Left	17.66	/	/	16.46	/	/	<=23	Pass	
		Edge 1RB Right	18.19	/	/	16.99	/	/	<=23	Pass	
		Outer Full	14.60	/	/	13.4	/	/	<=23	Pass	
		Inner Full	17.28	/	/	16.08	/	/	<=23	Pass	
		Inner 1RB Left	18.69	/	/	17.49	/	/	<=23	Pass	
		Inner 1RB Right	17.63	/	/	16.43	/	/	<=23	Pass	
	3690	Edge 1RB Left	17.95	/	/	16.75	/	/	<=23	Pass	
		Edge 1RB Right	18.19	/	/	16.99	/	/	<=23	Pass	
		Outer Full	16.20	/	/	15	/	/	<=23	Pass	
		Inner Full	18.05	/	/	16.85	/	/	<=23	Pass	
		Inner 1RB Left	17.34	/	/	16.14	/	/	<=23	Pass	
		Inner 1RB Right	18.01	/	/	16.81	/	/	<=23	Pass	
	DFT-s-OFDM 256 QAM	3560.01	Edge 1RB Left	14.49	/	/	13.29	/	/	<=23	Pass
			Edge 1RB Right	14.17	/	/	12.97	/	/	<=23	Pass
Outer Full			11.52	/	/	10.32	/	/	<=23	Pass	
Inner Full			13.54	/	/	12.34	/	/	<=23	Pass	
Inner 1RB Left			14.07	/	/	12.87	/	/	<=23	Pass	
Inner 1RB Right			13.93	/	/	12.73	/	/	<=23	Pass	
3624.99		Edge 1RB Left	14.29	/	/	13.09	/	/	<=23	Pass	
		Edge 1RB Right	16.45	/	/	15.25	/	/	<=23	Pass	
		Outer Full	12.85	/	/	11.65	/	/	<=23	Pass	
		Inner Full	15.68	/	/	14.48	/	/	<=23	Pass	
		Inner 1RB Left	16.15	/	/	14.95	/	/	<=23	Pass	
		Inner 1RB Right	15.59	/	/	14.39	/	/	<=23	Pass	
3690		Edge 1RB Left	17.18	/	/	15.98	/	/	<=23	Pass	
		Edge 1RB Right	17.36	/	/	16.16	/	/	<=23	Pass	
		Outer Full	14.05	/	/	12.85	/	/	<=23	Pass	
		Inner Full	16.83	/	/	15.63	/	/	<=23	Pass	
		Inner 1RB Left	16.17	/	/	14.97	/	/	<=23	Pass	
		Inner 1RB Right	15.74	/	/	14.54	/	/	<=23	Pass	
CP-OFDM QPSK		3560.01	Edge 1RB Left	16.04	/	/	14.84	/	/	<=23	Pass
			Edge 1RB Right	14.71	/	/	13.51	/	/	<=23	Pass
	Outer Full		12.62	/	/	11.42	/	/	<=23	Pass	
	Inner Full		16.98	/	/	15.78	/	/	<=23	Pass	
	Inner 1RB Left		17.15	/	/	15.95	/	/	<=23	Pass	
	Inner 1RB Right		16.87	/	/	15.67	/	/	<=23	Pass	
	3624.99	Edge 1RB Left	16.97	/	/	15.77	/	/	<=23	Pass	
		Edge 1RB Right	17.82	/	/	16.62	/	/	<=23	Pass	
		Outer Full	14.06	/	/	12.86	/	/	<=23	Pass	
		Inner Full	18.86	/	/	17.66	/	/	<=23	Pass	
		Inner 1RB Left	19.91	/	/	18.71	/	/	<=23	Pass	
		Inner 1RB Right	19.15	/	/	17.95	/	/	<=23	Pass	
	3690	Edge 1RB Left	18.46	/	/	17.26	/	/	<=23	Pass	
		Edge 1RB Right	17.52	/	/	16.32	/	/	<=23	Pass	
		Outer Full	15.83	/	/	14.63	/	/	<=23	Pass	
		Inner Full	20.35	/	/	19.15	/	/	<=23	Pass	
		Inner 1RB Left	19.81	/	/	18.61	/	/	<=23	Pass	
			Inner 1RB Right	18.78	/	/	17.58	/	/	<=23	Pass

1.3 30k_SISO_30MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	21.23	/	/	20.03	/	/	/	Pass
		Edge_1RB_Right	21.05	/	/	19.85	/	/	/	Pass
		Outer_Full	21.14	/	/	19.94	/	/	/	Pass
		Inner_Full	21.73	/	/	20.53	/	/	/	Pass
		Inner_1RB_Left	21.76	/	/	20.56	/	/	/	Pass
		Inner_1RB_Right	21.54	/	/	20.34	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.38	/	/	20.18	/	/	/	Pass
		Edge_1RB_Right	21.72	/	/	20.52	/	/	/	Pass
		Outer_Full	21.41	/	/	20.21	/	/	/	Pass
		Inner_Full	22.07	/	/	20.87	/	/	/	Pass
		Inner_1RB_Left	22.03	/	/	20.83	/	/	/	Pass
		Inner_1RB_Right	22.13	/	/	20.93	/	/	/	Pass
	3684.99	Edge_1RB_Left	21.46	/	/	20.26	/	/	/	Pass
		Edge_1RB_Right	21.15	/	/	19.95	/	/	/	Pass
		Outer_Full	21.83	/	/	20.63	/	/	/	Pass
		Inner_Full	22.42	/	/	21.22	/	/	/	Pass
		Inner_1RB_Left	22.48	/	/	21.28	/	/	/	Pass
		Inner_1RB_Right	22.18	/	/	20.98	/	/	/	Pass
DFT-s-OFDM QPSK	3565.02	Edge_1RB_Left	20.77	/	/	19.57	/	/	/	Pass
		Edge_1RB_Right	20.48	/	/	19.28	/	/	/	Pass
		Outer_Full	20.68	/	/	19.48	/	/	/	Pass
		Inner_Full	21.73	/	/	20.53	/	/	/	Pass
		Inner_1RB_Left	21.77	/	/	20.57	/	/	/	Pass
		Inner_1RB_Right	21.65	/	/	20.45	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.80	/	/	19.6	/	/	/	Pass
		Edge_1RB_Right	21.16	/	/	19.96	/	/	/	Pass
		Outer_Full	21.04	/	/	19.84	/	/	/	Pass
		Inner_Full	21.96	/	/	20.76	/	/	/	Pass
		Inner_1RB_Left	21.95	/	/	20.75	/	/	/	Pass
		Inner_1RB_Right	22.18	/	/	20.98	/	/	/	Pass
	3684.99	Edge_1RB_Left	21.43	/	/	20.23	/	/	/	Pass
		Edge_1RB_Right	21.07	/	/	19.87	/	/	/	Pass
		Outer_Full	21.32	/	/	20.12	/	/	/	Pass
		Inner_Full	22.30	/	/	21.1	/	/	/	Pass
		Inner_1RB_Left	22.44	/	/	21.24	/	/	/	Pass
		Inner_1RB_Right	22.13	/	/	20.93	/	/	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Edge_1RB_Left	19.76	/	/	18.56	/	/	/	Pass
		Edge_1RB_Right	19.56	/	/	18.36	/	/	/	Pass
		Outer_Full	19.85	/	/	18.65	/	/	/	Pass
		Inner_Full	20.69	/	/	19.49	/	/	/	Pass
		Inner_1RB_Left	20.72	/	/	19.52	/	/	/	Pass
		Inner_1RB_Right	20.37	/	/	19.17	/	/	/	Pass
	3624.99	Edge_1RB_Left	19.71	/	/	18.51	/	/	/	Pass
		Edge_1RB_Right	20.11	/	/	18.91	/	/	/	Pass
		Outer_Full	20.04	/	/	18.84	/	/	/	Pass
		Inner_Full	20.94	/	/	19.74	/	/	/	Pass
		Inner_1RB_Left	20.82	/	/	19.62	/	/	/	Pass
		Inner_1RB_Right	21.22	/	/	20.02	/	/	/	Pass
	3684.99	Edge_1RB_Left	20.41	/	/	19.21	/	/	/	Pass

		Edge 1RB Right	20.28	/	/	19.08	/	/	/	Pass
		Outer Full	20.38	/	/	19.18	/	/	/	Pass
		Inner Full	21.39	/	/	20.19	/	/	/	Pass
		Inner 1RB Left	21.22	/	/	20.02	/	/	/	Pass
		Inner 1RB Right	21.03	/	/	19.83	/	/	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Edge 1RB Left	19.31	/	/	18.11	/	/	/	Pass
		Edge 1RB Right	19.18	/	/	17.98	/	/	/	Pass
		Outer Full	19.15	/	/	17.95	/	/	/	Pass
		Inner Full	19.32	/	/	18.12	/	/	/	Pass
		Inner 1RB Left	19.44	/	/	18.24	/	/	/	Pass
	3624.99	Inner 1RB Right	19.15	/	/	17.95	/	/	/	Pass
		Edge 1RB Left	19.48	/	/	18.28	/	/	/	Pass
		Edge 1RB Right	19.83	/	/	18.63	/	/	/	Pass
		Outer Full	19.59	/	/	18.39	/	/	/	Pass
		Inner Full	19.52	/	/	18.32	/	/	/	Pass
	3684.99	Inner 1RB Left	19.60	/	/	18.4	/	/	/	Pass
		Inner 1RB Right	19.73	/	/	18.53	/	/	/	Pass
		Edge 1RB Left	19.92	/	/	18.72	/	/	/	Pass
		Edge 1RB Right	19.73	/	/	18.53	/	/	/	Pass
		Outer Full	19.92	/	/	18.72	/	/	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Inner Full	19.96	/	/	18.76	/	/	/	Pass
		Inner 1RB Left	19.99	/	/	18.79	/	/	/	Pass
		Inner 1RB Right	19.67	/	/	18.47	/	/	/	Pass
	3624.99	Edge 1RB Left	17.15	/	/	15.95	/	/	/	Pass
		Edge 1RB Right	17.13	/	/	15.93	/	/	/	Pass
		Outer Full	17.22	/	/	16.02	/	/	/	Pass
	3684.99	Inner Full	17.18	/	/	15.98	/	/	/	Pass
		Inner 1RB Left	17.14	/	/	15.94	/	/	/	Pass
		Inner 1RB Right	17	/	/	15.8	/	/	/	Pass
	3624.99	Edge 1RB Left	17.46	/	/	16.26	/	/	/	Pass
		Edge 1RB Right	17.74	/	/	16.54	/	/	/	Pass
		Outer Full	17.42	/	/	16.22	/	/	/	Pass
	3684.99	Inner Full	17.52	/	/	16.32	/	/	/	Pass
		Inner 1RB Left	17.38	/	/	16.18	/	/	/	Pass
		Inner 1RB Right	17.70	/	/	16.5	/	/	/	Pass
CP-OFDM QPSK	3565.02	Edge 1RB Left	18.07	/	/	16.87	/	/	/	Pass
		Edge 1RB Right	17.76	/	/	16.56	/	/	/	Pass
		Outer Full	17.91	/	/	16.71	/	/	/	Pass
	3624.99	Inner Full	17.96	/	/	16.76	/	/	/	Pass
		Inner 1RB Left	17.99	/	/	16.79	/	/	/	Pass
		Inner 1RB Right	17.83	/	/	16.63	/	/	/	Pass
	3684.99	Edge 1RB Left	18.99	/	/	17.79	/	/	/	Pass
		Edge 1RB Right	18.78	/	/	17.58	/	/	/	Pass
		Outer Full	18.75	/	/	17.55	/	/	/	Pass
	3624.99	Inner Full	20.26	/	/	19.06	/	/	/	Pass
		Inner 1RB Left	20.33	/	/	19.13	/	/	/	Pass
		Inner 1RB Right	20.01	/	/	18.81	/	/	/	Pass
	3684.99	Edge 1RB Left	19.03	/	/	17.83	/	/	/	Pass
		Edge 1RB Right	19.28	/	/	18.08	/	/	/	Pass
		Outer Full	19.12	/	/	17.92	/	/	/	Pass
	3624.99	Inner Full	20.46	/	/	19.26	/	/	/	Pass
		Inner 1RB Left	20.58	/	/	19.38	/	/	/	Pass
		Inner 1RB Right	20.71	/	/	19.51	/	/	/	Pass
	3684.99	Edge 1RB Left	19.49	/	/	18.29	/	/	/	Pass
		Edge 1RB Right	19.34	/	/	18.14	/	/	/	Pass
		Outer Full	19.34	/	/	18.14	/	/	/	Pass
	3624.99	Inner Full	20.86	/	/	19.66	/	/	/	Pass
		Inner 1RB Left	21.04	/	/	19.84	/	/	/	Pass
	3684.99	Inner 1RB Right	20.85	/	/	19.65	/	/	/	Pass

CP-OFDM 16 QAM	3565.02	Edge_1RB_Left	18.52	/	/	17.32	/	/	/	Pass
		Edge_1RB_Right	18.66	/	/	17.46	/	/	/	Pass
		Outer_Full	18.77	/	/	17.57	/	/	/	Pass
		Inner_Full	19.71	/	/	18.51	/	/	/	Pass
		Inner_1RB_Left	19.81	/	/	18.61	/	/	/	Pass
		Inner_1RB_Right	19.69	/	/	18.49	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.89	/	/	17.69	/	/	/	Pass
		Edge_1RB_Right	19.19	/	/	17.99	/	/	/	Pass
		Outer_Full	19.10	/	/	17.9	/	/	/	Pass
		Inner_Full	20.01	/	/	18.81	/	/	/	Pass
		Inner_1RB_Left	19.90	/	/	18.7	/	/	/	Pass
		Inner_1RB_Right	20.23	/	/	19.03	/	/	/	Pass
	3684.99	Edge_1RB_Left	19.31	/	/	18.11	/	/	/	Pass
		Edge_1RB_Right	19.28	/	/	18.08	/	/	/	Pass
		Outer_Full	19.42	/	/	18.22	/	/	/	Pass
		Inner_Full	20.42	/	/	19.22	/	/	/	Pass
		Inner_1RB_Left	20.32	/	/	19.12	/	/	/	Pass
		Inner_1RB_Right	20.05	/	/	18.85	/	/	/	Pass
CP-OFDM 64 QAM	3565.02	Edge_1RB_Left	18.41	/	/	17.21	/	/	/	Pass
		Edge_1RB_Right	18.23	/	/	17.03	/	/	/	Pass
		Outer_Full	18.42	/	/	17.22	/	/	/	Pass
		Inner_Full	18.27	/	/	17.07	/	/	/	Pass
		Inner_1RB_Left	18.41	/	/	17.21	/	/	/	Pass
		Inner_1RB_Right	18.25	/	/	17.05	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.63	/	/	17.43	/	/	/	Pass
		Edge_1RB_Right	18.95	/	/	17.75	/	/	/	Pass
		Outer_Full	18.61	/	/	17.41	/	/	/	Pass
		Inner_Full	18.59	/	/	17.39	/	/	/	Pass
		Inner_1RB_Left	18.59	/	/	17.39	/	/	/	Pass
		Inner_1RB_Right	19.01	/	/	17.81	/	/	/	Pass
	3684.99	Edge_1RB_Left	18.99	/	/	17.79	/	/	/	Pass
		Edge_1RB_Right	18.85	/	/	17.65	/	/	/	Pass
		Outer_Full	18.87	/	/	17.67	/	/	/	Pass
		Inner_Full	18.88	/	/	17.68	/	/	/	Pass
		Inner_1RB_Left	19.20	/	/	18	/	/	/	Pass
		Inner_1RB_Right	18.84	/	/	17.64	/	/	/	Pass
CP-OFDM 256 QAM	3565.02	Edge_1RB_Left	15.17	/	/	13.97	/	/	/	Pass
		Edge_1RB_Right	15.26	/	/	14.06	/	/	/	Pass
		Outer_Full	15.28	/	/	14.08	/	/	/	Pass
		Inner_Full	15.23	/	/	14.03	/	/	/	Pass
		Inner_1RB_Left	15.32	/	/	14.12	/	/	/	Pass
		Inner_1RB_Right	15.12	/	/	13.92	/	/	/	Pass
	3624.99	Edge_1RB_Left	15.40	/	/	14.2	/	/	/	Pass
		Edge_1RB_Right	15.75	/	/	14.55	/	/	/	Pass
		Outer_Full	15.61	/	/	14.41	/	/	/	Pass
		Inner_Full	15.42	/	/	14.22	/	/	/	Pass
		Inner_1RB_Left	15.50	/	/	14.3	/	/	/	Pass
		Inner_1RB_Right	15.70	/	/	14.5	/	/	/	Pass
	3684.99	Edge_1RB_Left	15.99	/	/	14.79	/	/	/	Pass
		Edge_1RB_Right	15.67	/	/	14.47	/	/	/	Pass
		Outer_Full	15.95	/	/	14.75	/	/	/	Pass
		Inner_Full	16.00	/	/	14.8	/	/	/	Pass
		Inner_1RB_Left	16.10	/	/	14.9	/	/	/	Pass
		Inner_1RB_Right	15.76	/	/	14.56	/	/	/	Pass
Note1: Antenna Gain: Ant3: -1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.4 30k_SISO_30MHz_NTNV_EIRP/10MHz

1.4.1 Test Result

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge 1RB Left	16.78	/	/	15.58	/	/	<=23	Pass
		Edge 1RB Right	17.90	/	/	16.7	/	/	<=23	Pass
		Outer Full	13.22	/	/	12.02	/	/	<=23	Pass
		Inner Full	18.35	/	/	17.15	/	/	<=23	Pass
		Inner 1RB Left	17.59	/	/	16.39	/	/	<=23	Pass
		Inner 1RB Right	19.10	/	/	17.9	/	/	<=23	Pass
	3624.99	Edge 1RB Left	18.52	/	/	17.32	/	/	<=23	Pass
		Edge 1RB Right	19.71	/	/	18.51	/	/	<=23	Pass
		Outer Full	15.35	/	/	14.15	/	/	<=23	Pass
		Inner Full	18.97	/	/	17.77	/	/	<=23	Pass
		Inner 1RB Left	17.15	/	/	15.95	/	/	<=23	Pass
		Inner 1RB Right	20.82	/	/	19.62	/	/	<=23	Pass
	3684.99	Edge 1RB Left	20.77	/	/	19.57	/	/	<=23	Pass
		Edge 1RB Right	20.32	/	/	19.12	/	/	<=23	Pass
		Outer Full	16.77	/	/	15.57	/	/	<=23	Pass
		Inner Full	20.11	/	/	18.91	/	/	<=23	Pass
		Inner 1RB Left	20.63	/	/	19.43	/	/	<=23	Pass
		Inner 1RB Right	20.17	/	/	18.97	/	/	<=23	Pass
DFT-s-OFDM QPSK	3565.02	Edge 1RB Left	17.46	/	/	16.26	/	/	<=23	Pass
		Edge 1RB Right	16.50	/	/	15.3	/	/	<=23	Pass
		Outer Full	11.99	/	/	10.79	/	/	<=23	Pass
		Inner Full	17.00	/	/	15.8	/	/	<=23	Pass
		Inner 1RB Left	19.25	/	/	18.05	/	/	<=23	Pass
		Inner 1RB Right	17.47	/	/	16.27	/	/	<=23	Pass
	3624.99	Edge 1RB Left	14.25	/	/	13.05	/	/	<=23	Pass
		Edge 1RB Right	20.49	/	/	19.29	/	/	<=23	Pass
		Outer Full	15.06	/	/	13.86	/	/	<=23	Pass
		Inner Full	18.11	/	/	16.91	/	/	<=23	Pass
		Inner 1RB Left	20.08	/	/	18.88	/	/	<=23	Pass
		Inner 1RB Right	20.21	/	/	19.01	/	/	<=23	Pass
	3684.99	Edge 1RB Left	20.81	/	/	19.61	/	/	<=23	Pass
		Edge 1RB Right	20.92	/	/	19.72	/	/	<=23	Pass
		Outer Full	15.20	/	/	14	/	/	<=23	Pass
		Inner Full	18.89	/	/	17.69	/	/	<=23	Pass
		Inner 1RB Left	22.06	/	/	20.86	/	/	<=23	Pass
		Inner 1RB Right	19.72	/	/	18.52	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3565.02	Edge 1RB Left	15.86	/	/	14.66	/	/	<=23	Pass
		Edge 1RB Right	16.68	/	/	15.48	/	/	<=23	Pass
		Outer Full	9.69	/	/	8.49	/	/	<=23	Pass
		Inner Full	16.46	/	/	15.26	/	/	<=23	Pass
		Inner 1RB Left	16.87	/	/	15.67	/	/	<=23	Pass
		Inner 1RB Right	17.87	/	/	16.67	/	/	<=23	Pass
	3624.99	Edge 1RB Left	18.75	/	/	17.55	/	/	<=23	Pass
		Edge 1RB Right	17.80	/	/	16.6	/	/	<=23	Pass
		Outer Full	15.01	/	/	13.81	/	/	<=23	Pass
		Inner Full	17.86	/	/	16.66	/	/	<=23	Pass
		Inner 1RB Left	17.40	/	/	16.2	/	/	<=23	Pass
		Inner 1RB Right	19.21	/	/	18.01	/	/	<=23	Pass
	3684.99	Edge 1RB Left	19.93	/	/	18.73	/	/	<=23	Pass
		Edge 1RB Right	18.94	/	/	17.74	/	/	<=23	Pass
		Outer Full	16.01	/	/	14.81	/	/	<=23	Pass
		Inner Full	18.83	/	/	17.63	/	/	<=23	Pass
		Inner 1RB Left	20.78	/	/	19.58	/	/	<=23	Pass
		Inner 1RB Right	18.95	/	/	17.75	/	/	<=23	Pass

DFT-s-OFDM 64 QAM	3565.02	Edge 1RB Left	16.59	/	/	15.39	/	/	<=23	Pass
		Edge 1RB Right	15.45	/	/	14.25	/	/	<=23	Pass
		Outer Full	12.21	/	/	11.01	/	/	<=23	Pass
		Inner Full	15.40	/	/	14.2	/	/	<=23	Pass
		Inner 1RB Left	14.34	/	/	13.14	/	/	<=23	Pass
		Inner 1RB Right	16.25	/	/	15.05	/	/	<=23	Pass
	3624.99	Edge 1RB Left	16.40	/	/	15.2	/	/	<=23	Pass
		Edge 1RB Right	17.05	/	/	15.85	/	/	<=23	Pass
		Outer Full	13.69	/	/	12.49	/	/	<=23	Pass
		Inner Full	16.92	/	/	15.72	/	/	<=23	Pass
		Inner 1RB Left	17.30	/	/	16.1	/	/	<=23	Pass
		Inner 1RB Right	18.36	/	/	17.16	/	/	<=23	Pass
	3684.99	Edge 1RB Left	18.36	/	/	17.16	/	/	<=23	Pass
		Edge 1RB Right	19.35	/	/	18.15	/	/	<=23	Pass
		Outer Full	14.86	/	/	13.66	/	/	<=23	Pass
		Inner Full	18.58	/	/	17.38	/	/	<=23	Pass
		Inner 1RB Left	17.59	/	/	16.39	/	/	<=23	Pass
		Inner 1RB Right	17.18	/	/	15.98	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3565.02	Edge 1RB Left	12.99	/	/	11.79	/	/	<=23	Pass
		Edge 1RB Right	13.02	/	/	11.82	/	/	<=23	Pass
		Outer Full	9.53	/	/	8.33	/	/	<=23	Pass
		Inner Full	13.49	/	/	12.29	/	/	<=23	Pass
		Inner 1RB Left	14.35	/	/	13.15	/	/	<=23	Pass
		Inner 1RB Right	13.32	/	/	12.12	/	/	<=23	Pass
	3624.99	Edge 1RB Left	15.72	/	/	14.52	/	/	<=23	Pass
		Edge 1RB Right	16.76	/	/	15.56	/	/	<=23	Pass
		Outer Full	10.14	/	/	8.94	/	/	<=23	Pass
		Inner Full	13.66	/	/	12.46	/	/	<=23	Pass
		Inner 1RB Left	14.41	/	/	13.21	/	/	<=23	Pass
		Inner 1RB Right	16.33	/	/	15.13	/	/	<=23	Pass
	3684.99	Edge 1RB Left	16.80	/	/	15.6	/	/	<=23	Pass
		Edge 1RB Right	16.32	/	/	15.12	/	/	<=23	Pass
		Outer Full	12.26	/	/	11.06	/	/	<=23	Pass
		Inner Full	16.40	/	/	15.2	/	/	<=23	Pass
		Inner 1RB Left	16.02	/	/	14.82	/	/	<=23	Pass
		Inner 1RB Right	16.23	/	/	15.03	/	/	<=23	Pass
CP-OFDM QPSK	3565.02	Edge 1RB Left	15.53	/	/	14.33	/	/	<=23	Pass
		Edge 1RB Right	14.50	/	/	13.3	/	/	<=23	Pass
		Outer Full	11.94	/	/	10.74	/	/	<=23	Pass
		Inner Full	14.97	/	/	13.77	/	/	<=23	Pass
		Inner 1RB Left	17.13	/	/	15.93	/	/	<=23	Pass
		Inner 1RB Right	17.11	/	/	15.91	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.42	/	/	16.22	/	/	<=23	Pass
		Edge 1RB Right	17.07	/	/	15.87	/	/	<=23	Pass
		Outer Full	13.05	/	/	11.85	/	/	<=23	Pass
		Inner Full	18.03	/	/	16.83	/	/	<=23	Pass
		Inner 1RB Left	18.94	/	/	17.74	/	/	<=23	Pass
		Inner 1RB Right	17.95	/	/	16.75	/	/	<=23	Pass
	3684.99	Edge 1RB Left	18.89	/	/	17.69	/	/	<=23	Pass
		Edge 1RB Right	18.94	/	/	17.74	/	/	<=23	Pass
		Outer Full	13.65	/	/	12.45	/	/	<=23	Pass
		Inner Full	18.72	/	/	17.52	/	/	<=23	Pass
		Inner 1RB Left	19.92	/	/	18.72	/	/	<=23	Pass
		Inner 1RB Right	17.84	/	/	16.64	/	/	<=23	Pass
CP-OFDM 16 QAM	3565.02	Edge 1RB Left	16.02	/	/	14.82	/	/	<=23	Pass
		Edge 1RB Right	15.72	/	/	14.52	/	/	<=23	Pass
		Outer Full	10.95	/	/	9.75	/	/	<=23	Pass
		Inner Full	14.34	/	/	13.14	/	/	<=23	Pass
		Inner 1RB Left	15.71	/	/	14.51	/	/	<=23	Pass

		3624.99	Inner_1RB_Right	17.43	/	/	16.23	/	/	<=23	Pass	
			Edge_1RB_Left	16.19	/	/	14.99	/	/	<=23	Pass	
			Edge_1RB_Right	19.66	/	/	18.46	/	/	<=23	Pass	
			Outer_Full	12.36	/	/	11.16	/	/	<=23	Pass	
			Inner_Full	17.14	/	/	15.94	/	/	<=23	Pass	
			Inner_1RB_Left	17.06	/	/	15.86	/	/	<=23	Pass	
		3684.99	Inner_1RB_Right	16.45	/	/	15.25	/	/	<=23	Pass	
			Edge_1RB_Left	17.19	/	/	15.99	/	/	<=23	Pass	
			Edge_1RB_Right	18.66	/	/	17.46	/	/	<=23	Pass	
			Outer_Full	15.09	/	/	13.89	/	/	<=23	Pass	
			Inner_Full	18.22	/	/	17.02	/	/	<=23	Pass	
			Inner_1RB_Left	19.26	/	/	18.06	/	/	<=23	Pass	
		CP-OFDM 64 QAM	3565.02	Inner_1RB_Right	19.23	/	/	18.03	/	/	<=23	Pass
				Edge_1RB_Left	14.85	/	/	13.65	/	/	<=23	Pass
Edge_1RB_Right	13.60			/	/	12.4	/	/	<=23	Pass		
Outer_Full	10.47			/	/	9.27	/	/	<=23	Pass		
Inner_Full	12.89			/	/	11.69	/	/	<=23	Pass		
Inner_1RB_Left	14.91			/	/	13.71	/	/	<=23	Pass		
3624.99	Inner_1RB_Right		14.68	/	/	13.48	/	/	<=23	Pass		
	Edge_1RB_Left		14.54	/	/	13.34	/	/	<=23	Pass		
	Edge_1RB_Right		18.02	/	/	16.82	/	/	<=23	Pass		
	Outer_Full		12.48	/	/	11.28	/	/	<=23	Pass		
	Inner_Full		15.59	/	/	14.39	/	/	<=23	Pass		
	Inner_1RB_Left		16.08	/	/	14.88	/	/	<=23	Pass		
3684.99	Inner_1RB_Right		18.00	/	/	16.8	/	/	<=23	Pass		
	Edge_1RB_Left		18.51	/	/	17.31	/	/	<=23	Pass		
	Edge_1RB_Right		17.40	/	/	16.2	/	/	<=23	Pass		
	Outer_Full		11.31	/	/	10.11	/	/	<=23	Pass		
	Inner_Full		14.39	/	/	13.19	/	/	<=23	Pass		
	Inner_1RB_Left		15.05	/	/	13.85	/	/	<=23	Pass		
CP-OFDM 256 QAM	3565.02		Inner_1RB_Right	17.50	/	/	16.3	/	/	<=23	Pass	
			Edge_1RB_Left	12.17	/	/	10.97	/	/	<=23	Pass	
			Edge_1RB_Right	12.29	/	/	11.09	/	/	<=23	Pass	
			Outer_Full	8.44	/	/	7.24	/	/	<=23	Pass	
			Inner_Full	9.70	/	/	8.5	/	/	<=23	Pass	
			Inner_1RB_Left	12.37	/	/	11.17	/	/	<=23	Pass	
	3624.99	Inner_1RB_Right	11.66	/	/	10.46	/	/	<=23	Pass		
		Edge_1RB_Left	12.10	/	/	10.9	/	/	<=23	Pass		
		Edge_1RB_Right	13.64	/	/	12.44	/	/	<=23	Pass		
		Outer_Full	9.07	/	/	7.87	/	/	<=23	Pass		
		Inner_Full	12.13	/	/	10.93	/	/	<=23	Pass		
		Inner_1RB_Left	14.54	/	/	13.34	/	/	<=23	Pass		
	3684.99	Inner_1RB_Right	14.68	/	/	13.48	/	/	<=23	Pass		
		Edge_1RB_Left	14.91	/	/	13.71	/	/	<=23	Pass		
		Edge_1RB_Right	14.91	/	/	13.71	/	/	<=23	Pass		
		Outer_Full	10.85	/	/	9.65	/	/	<=23	Pass		
		Inner_Full	12.97	/	/	11.77	/	/	<=23	Pass		
		Inner_1RB_Left	14.59	/	/	13.39	/	/	<=23	Pass		
Inner_1RB_Right	14.48	/	/	13.28	/	/	<=23	Pass				
Note1: Antenna Gain: Ant3: -1.2dBi; Note2: EIRP=Conducted Power+Antenna Gain												

1.5 30k_SISO_40MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	21.3	/	/	20.1	/	/	/	Pass
		Edge_1RB_Right	21.84	/	/	20.64	/	/	/	Pass
		Outer_Full	21.39	/	/	20.19	/	/	/	Pass
		Inner_Full	21.94	/	/	20.74	/	/	/	Pass
		Inner_1RB_Left	21.91	/	/	20.71	/	/	/	Pass
		Inner_1RB_Right	22.15	/	/	20.95	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.30	/	/	20.1	/	/	/	Pass
		Edge_1RB_Right	22.07	/	/	20.87	/	/	/	Pass
		Outer_Full	21.75	/	/	20.55	/	/	/	Pass
		Inner_Full	22.15	/	/	20.95	/	/	/	Pass
		Inner_1RB_Left	21.82	/	/	20.62	/	/	/	Pass
		Inner_1RB_Right	22.18	/	/	20.98	/	/	/	Pass
	3679.98	Edge_1RB_Left	21.41	/	/	20.21	/	/	/	Pass
		Edge_1RB_Right	21.08	/	/	19.88	/	/	/	Pass
		Outer_Full	22.08	/	/	20.88	/	/	/	Pass
		Inner_Full	22.28	/	/	21.08	/	/	/	Pass
		Inner_1RB_Left	22.27	/	/	21.07	/	/	/	Pass
		Inner_1RB_Right	22.18	/	/	20.98	/	/	/	Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	20.96	/	/	19.76	/	/	/	Pass
		Edge_1RB_Right	21.27	/	/	20.07	/	/	/	Pass
		Outer_Full	20.94	/	/	19.74	/	/	/	Pass
		Inner_Full	21.95	/	/	20.75	/	/	/	Pass
		Inner_1RB_Left	21.89	/	/	20.69	/	/	/	Pass
		Inner_1RB_Right	22.25	/	/	21.05	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.89	/	/	19.69	/	/	/	Pass
		Edge_1RB_Right	21.51	/	/	20.31	/	/	/	Pass
		Outer_Full	21.20	/	/	20	/	/	/	Pass
		Inner_Full	22.02	/	/	20.82	/	/	/	Pass
		Inner_1RB_Left	21.65	/	/	20.45	/	/	/	Pass
		Inner_1RB_Right	22.48	/	/	21.28	/	/	/	Pass
	3679.98	Edge_1RB_Left	21.49	/	/	20.29	/	/	/	Pass
		Edge_1RB_Right	21.11	/	/	19.91	/	/	/	Pass
		Outer_Full	21.43	/	/	20.23	/	/	/	Pass
		Inner_Full	22.28	/	/	21.08	/	/	/	Pass
		Inner_1RB_Left	22.40	/	/	21.2	/	/	/	Pass
		Inner_1RB_Right	22.23	/	/	21.03	/	/	/	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	19.86	/	/	18.66	/	/	/	Pass
		Edge_1RB_Right	20.11	/	/	18.91	/	/	/	Pass
		Outer_Full	19.87	/	/	18.67	/	/	/	Pass
		Inner_Full	20.87	/	/	19.67	/	/	/	Pass
		Inner_1RB_Left	20.8	/	/	19.6	/	/	/	Pass
		Inner_1RB_Right	21.05	/	/	19.85	/	/	/	Pass
	3624.99	Edge_1RB_Left	19.71	/	/	18.51	/	/	/	Pass
		Edge_1RB_Right	20.46	/	/	19.26	/	/	/	Pass
		Outer_Full	20.13	/	/	18.93	/	/	/	Pass
		Inner_Full	21.11	/	/	19.91	/	/	/	Pass
		Inner_1RB_Left	20.61	/	/	19.41	/	/	/	Pass
		Inner_1RB_Right	21.36	/	/	20.16	/	/	/	Pass
	3679.98	Edge_1RB_Left	20.31	/	/	19.11	/	/	/	Pass

		Edge 1RB Right	20.03	/	/	18.83	/	/	/	Pass
		Outer Full	20.34	/	/	19.14	/	/	/	Pass
		Inner Full	21.45	/	/	20.25	/	/	/	Pass
		Inner 1RB Left	21.28	/	/	20.08	/	/	/	Pass
		Inner 1RB Right	20.99	/	/	19.79	/	/	/	Pass
DFT-s-OFDM 64 QAM	3570	Edge 1RB Left	19.44	/	/	18.24	/	/	/	Pass
		Edge 1RB Right	19.94	/	/	18.74	/	/	/	Pass
		Outer Full	19.51	/	/	18.31	/	/	/	Pass
		Inner Full	19.42	/	/	18.22	/	/	/	Pass
		Inner 1RB Left	19.42	/	/	18.22	/	/	/	Pass
	3624.99	Inner 1RB Right	19.78	/	/	18.58	/	/	/	Pass
		Edge 1RB Left	19.27	/	/	18.07	/	/	/	Pass
		Edge 1RB Right	19.97	/	/	18.77	/	/	/	Pass
		Outer Full	19.77	/	/	18.57	/	/	/	Pass
		Inner Full	19.63	/	/	18.43	/	/	/	Pass
	3679.98	Inner 1RB Left	19.30	/	/	18.1	/	/	/	Pass
		Inner 1RB Right	20.04	/	/	18.84	/	/	/	Pass
		Edge 1RB Left	19.98	/	/	18.78	/	/	/	Pass
		Edge 1RB Right	19.69	/	/	18.49	/	/	/	Pass
		Outer Full	19.93	/	/	18.73	/	/	/	Pass
DFT-s-OFDM 256 QAM	3570	Inner Full	19.83	/	/	18.63	/	/	/	Pass
		Inner 1RB Left	20.01	/	/	18.81	/	/	/	Pass
		Inner 1RB Right	19.98	/	/	18.78	/	/	/	Pass
	3624.99	Edge 1RB Left	17.42	/	/	16.22	/	/	/	Pass
		Edge 1RB Right	17.63	/	/	16.43	/	/	/	Pass
		Outer Full	17.43	/	/	16.23	/	/	/	Pass
		Inner Full	17.44	/	/	16.24	/	/	/	Pass
	3679.98	Inner 1RB Left	17.37	/	/	16.17	/	/	/	Pass
		Inner 1RB Right	17.79	/	/	16.59	/	/	/	Pass
		Edge 1RB Left	17.43	/	/	16.23	/	/	/	Pass
		Edge 1RB Right	17.99	/	/	16.79	/	/	/	Pass
		Outer Full	17.62	/	/	16.42	/	/	/	Pass
CP-OFDM QPSK	3570	Inner Full	17.71	/	/	16.51	/	/	/	Pass
		Inner 1RB Left	17.41	/	/	16.21	/	/	/	Pass
		Inner 1RB Right	18.08	/	/	16.88	/	/	/	Pass
	3624.99	Edge 1RB Left	18.02	/	/	16.82	/	/	/	Pass
		Edge 1RB Right	17.97	/	/	16.77	/	/	/	Pass
		Outer Full	17.97	/	/	16.77	/	/	/	Pass
		Inner Full	17.81	/	/	16.61	/	/	/	Pass
	3679.98	Inner 1RB Left	18.19	/	/	16.99	/	/	/	Pass
		Inner 1RB Right	17.76	/	/	16.56	/	/	/	Pass
		Edge 1RB Left	18.97	/	/	17.77	/	/	/	Pass
		Edge 1RB Right	19.33	/	/	18.13	/	/	/	Pass
		Outer Full	18.99	/	/	17.79	/	/	/	Pass
	3624.99	Inner Full	20.41	/	/	19.21	/	/	/	Pass
		Inner 1RB Left	20.53	/	/	19.33	/	/	/	Pass
		Inner 1RB Right	20.89	/	/	19.69	/	/	/	Pass
		Edge 1RB Left	18.84	/	/	17.64	/	/	/	Pass
		Edge 1RB Right	19.80	/	/	18.6	/	/	/	Pass
	3679.98	Outer Full	19.36	/	/	18.16	/	/	/	Pass
		Inner Full	20.65	/	/	19.45	/	/	/	Pass
		Inner 1RB Left	20.53	/	/	19.33	/	/	/	Pass
		Inner 1RB Right	21.16	/	/	19.96	/	/	/	Pass
		Edge 1RB Left	19.74	/	/	18.54	/	/	/	Pass
		Edge 1RB Right	19.32	/	/	18.12	/	/	/	Pass
		Outer Full	19.35	/	/	18.15	/	/	/	Pass
		Inner Full	20.93	/	/	19.73	/	/	/	Pass
		Inner 1RB Left	21.20	/	/	20	/	/	/	Pass
		Inner 1RB Right	20.71	/	/	19.51	/	/	/	Pass

CP-OFDM 16 QAM	3570	Edge_1RB_Left	18.86	/	/	17.66	/	/	/	Pass
		Edge_1RB_Right	19.2	/	/	18	/	/	/	Pass
		Outer_Full	19.01	/	/	17.81	/	/	/	Pass
		Inner_Full	20.03	/	/	18.83	/	/	/	Pass
		Inner_1RB_Left	20	/	/	18.8	/	/	/	Pass
		Inner_1RB_Right	20.16	/	/	18.96	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.81	/	/	17.61	/	/	/	Pass
		Edge_1RB_Right	19.67	/	/	18.47	/	/	/	Pass
		Outer_Full	19.10	/	/	17.9	/	/	/	Pass
		Inner_Full	20.15	/	/	18.95	/	/	/	Pass
		Inner_1RB_Left	19.99	/	/	18.79	/	/	/	Pass
		Inner_1RB_Right	20.51	/	/	19.31	/	/	/	Pass
	3679.98	Edge_1RB_Left	19.36	/	/	18.16	/	/	/	Pass
		Edge_1RB_Right	19.07	/	/	17.87	/	/	/	Pass
		Outer_Full	19.43	/	/	18.23	/	/	/	Pass
		Inner_Full	20.43	/	/	19.23	/	/	/	Pass
		Inner_1RB_Left	20.42	/	/	19.22	/	/	/	Pass
		Inner_1RB_Right	20.27	/	/	19.07	/	/	/	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	18.67	/	/	17.47	/	/	/	Pass
		Edge_1RB_Right	19.07	/	/	17.87	/	/	/	Pass
		Outer_Full	18.54	/	/	17.34	/	/	/	Pass
		Inner_Full	18.47	/	/	17.27	/	/	/	Pass
		Inner_1RB_Left	18.54	/	/	17.34	/	/	/	Pass
		Inner_1RB_Right	19.02	/	/	17.82	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.40	/	/	17.2	/	/	/	Pass
		Edge_1RB_Right	18.98	/	/	17.78	/	/	/	Pass
		Outer_Full	18.68	/	/	17.48	/	/	/	Pass
		Inner_Full	18.65	/	/	17.45	/	/	/	Pass
		Inner_1RB_Left	18.57	/	/	17.37	/	/	/	Pass
		Inner_1RB_Right	19.22	/	/	18.02	/	/	/	Pass
	3679.98	Edge_1RB_Left	19.03	/	/	17.83	/	/	/	Pass
		Edge_1RB_Right	18.92	/	/	17.72	/	/	/	Pass
		Outer_Full	19.02	/	/	17.82	/	/	/	Pass
		Inner_Full	19.03	/	/	17.83	/	/	/	Pass
		Inner_1RB_Left	19.06	/	/	17.86	/	/	/	Pass
		Inner_1RB_Right	18.82	/	/	17.62	/	/	/	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	15.5	/	/	14.3	/	/	/	Pass
		Edge_1RB_Right	15.79	/	/	14.59	/	/	/	Pass
		Outer_Full	15.57	/	/	14.37	/	/	/	Pass
		Inner_Full	15.35	/	/	14.15	/	/	/	Pass
		Inner_1RB_Left	15.53	/	/	14.33	/	/	/	Pass
		Inner_1RB_Right	15.72	/	/	14.52	/	/	/	Pass
	3624.99	Edge_1RB_Left	15.49	/	/	14.29	/	/	/	Pass
		Edge_1RB_Right	16.35	/	/	15.15	/	/	/	Pass
		Outer_Full	15.69	/	/	14.49	/	/	/	Pass
		Inner_Full	15.64	/	/	14.44	/	/	/	Pass
		Inner_1RB_Left	15.47	/	/	14.27	/	/	/	Pass
		Inner_1RB_Right	16.18	/	/	14.98	/	/	/	Pass
	3679.98	Edge_1RB_Left	16.05	/	/	14.85	/	/	/	Pass
		Edge_1RB_Right	15.79	/	/	14.59	/	/	/	Pass
		Outer_Full	15.86	/	/	14.66	/	/	/	Pass
		Inner_Full	15.89	/	/	14.69	/	/	/	Pass
		Inner_1RB_Left	16.08	/	/	14.88	/	/	/	Pass
		Inner_1RB_Right	16.01	/	/	14.81	/	/	/	Pass
Note1: Antenna Gain: Ant3: -1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.6 30k_SISO_40MHz_NTNV_EIRP/10MHz

1.6.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge 1RB Left	20.34	/	/	19.14	/	/	<=23	Pass
		Edge 1RB Right	18.82	/	/	17.62	/	/	<=23	Pass
		Outer Full	16.84	/	/	15.64	/	/	<=23	Pass
		Inner Full	16.85	/	/	15.65	/	/	<=23	Pass
		Inner 1RB Left	20.49	/	/	19.29	/	/	<=23	Pass
		Inner 1RB Right	19.79	/	/	18.59	/	/	<=23	Pass
	3624.99	Edge 1RB Left	16.27	/	/	15.07	/	/	<=23	Pass
		Edge 1RB Right	22.02	/	/	20.82	/	/	<=23	Pass
		Outer Full	14.17	/	/	12.97	/	/	<=23	Pass
		Inner Full	16.10	/	/	14.9	/	/	<=23	Pass
		Inner 1RB Left	20.39	/	/	19.19	/	/	<=23	Pass
		Inner 1RB Right	22.07	/	/	20.87	/	/	<=23	Pass
	3679.98	Edge 1RB Left	21.89	/	/	20.69	/	/	<=23	Pass
		Edge 1RB Right	22.19	/	/	20.99	/	/	<=23	Pass
		Outer Full	15.08	/	/	13.88	/	/	<=23	Pass
		Inner Full	18.28	/	/	17.08	/	/	<=23	Pass
		Inner 1RB Left	19.43	/	/	18.23	/	/	<=23	Pass
		Inner 1RB Right	22.12	/	/	20.92	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Edge 1RB Left	17.30	/	/	16.1	/	/	<=23	Pass
		Edge 1RB Right	19.27	/	/	18.07	/	/	<=23	Pass
		Outer Full	11.41	/	/	10.21	/	/	<=23	Pass
		Inner Full	16.18	/	/	14.98	/	/	<=23	Pass
		Inner 1RB Left	17.63	/	/	16.43	/	/	<=23	Pass
		Inner 1RB Right	19.04	/	/	17.84	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.77	/	/	18.57	/	/	<=23	Pass
		Edge 1RB Right	20.37	/	/	19.17	/	/	<=23	Pass
		Outer Full	15.67	/	/	14.47	/	/	<=23	Pass
		Inner Full	15.72	/	/	14.52	/	/	<=23	Pass
		Inner 1RB Left	18.72	/	/	17.52	/	/	<=23	Pass
		Inner 1RB Right	20.64	/	/	19.44	/	/	<=23	Pass
	3679.98	Edge 1RB Left	20.92	/	/	19.72	/	/	<=23	Pass
		Edge 1RB Right	20.19	/	/	18.99	/	/	<=23	Pass
		Outer Full	16.31	/	/	15.11	/	/	<=23	Pass
		Inner Full	19.48	/	/	18.28	/	/	<=23	Pass
		Inner 1RB Left	21.24	/	/	20.04	/	/	<=23	Pass
		Inner 1RB Right	21.75	/	/	20.55	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge 1RB Left	15.21	/	/	14.01	/	/	<=23	Pass
		Edge 1RB Right	14.83	/	/	13.63	/	/	<=23	Pass
		Outer Full	12.01	/	/	10.81	/	/	<=23	Pass
		Inner Full	15.91	/	/	14.71	/	/	<=23	Pass
		Inner 1RB Left	17.58	/	/	16.38	/	/	<=23	Pass
		Inner 1RB Right	19.15	/	/	17.95	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.41	/	/	16.21	/	/	<=23	Pass
		Edge 1RB Right	17.35	/	/	16.15	/	/	<=23	Pass
		Outer Full	14.72	/	/	13.52	/	/	<=23	Pass
		Inner Full	18.04	/	/	16.84	/	/	<=23	Pass
		Inner 1RB Left	18.52	/	/	17.32	/	/	<=23	Pass
		Inner 1RB Right	20.88	/	/	19.68	/	/	<=23	Pass
	3679.98	Edge 1RB Left	18.91	/	/	17.71	/	/	<=23	Pass
		Edge 1RB Right	20.10	/	/	18.9	/	/	<=23	Pass
		Outer Full	13.15	/	/	11.95	/	/	<=23	Pass
		Inner Full	17.31	/	/	16.11	/	/	<=23	Pass
		Inner 1RB Left	18.26	/	/	17.06	/	/	<=23	Pass
		Inner 1RB Right	20.65	/	/	19.45	/	/	<=23	Pass

DFT-s-OFDM 64 QAM	3570	Edge 1RB Left	15.82	/	/	14.62	/	/	<=23	Pass
		Edge 1RB Right	18.08	/	/	16.88	/	/	<=23	Pass
		Outer Full	12.15	/	/	10.95	/	/	<=23	Pass
		Inner Full	13.04	/	/	11.84	/	/	<=23	Pass
		Inner 1RB Left	14.74	/	/	13.54	/	/	<=23	Pass
		Inner 1RB Right	16.79	/	/	15.59	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.33	/	/	16.13	/	/	<=23	Pass
		Edge 1RB Right	18.28	/	/	17.08	/	/	<=23	Pass
		Outer Full	12.12	/	/	10.92	/	/	<=23	Pass
		Inner Full	14.80	/	/	13.6	/	/	<=23	Pass
		Inner 1RB Left	16.48	/	/	15.28	/	/	<=23	Pass
		Inner 1RB Right	18.23	/	/	17.03	/	/	<=23	Pass
	3679.98	Edge 1RB Left	16.48	/	/	15.28	/	/	<=23	Pass
		Edge 1RB Right	18.50	/	/	17.3	/	/	<=23	Pass
		Outer Full	13.58	/	/	12.38	/	/	<=23	Pass
		Inner Full	16.13	/	/	14.93	/	/	<=23	Pass
		Inner 1RB Left	18.18	/	/	16.98	/	/	<=23	Pass
		Inner 1RB Right	20.47	/	/	19.27	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge 1RB Left	11.46	/	/	10.26	/	/	<=23	Pass
		Edge 1RB Right	14.31	/	/	13.11	/	/	<=23	Pass
		Outer Full	10.44	/	/	9.24	/	/	<=23	Pass
		Inner Full	10.74	/	/	9.54	/	/	<=23	Pass
		Inner 1RB Left	11.74	/	/	10.54	/	/	<=23	Pass
		Inner 1RB Right	12.82	/	/	11.62	/	/	<=23	Pass
	3624.99	Edge 1RB Left	15.62	/	/	14.42	/	/	<=23	Pass
		Edge 1RB Right	17.48	/	/	16.28	/	/	<=23	Pass
		Outer Full	8.72	/	/	7.52	/	/	<=23	Pass
		Inner Full	13.29	/	/	12.09	/	/	<=23	Pass
		Inner 1RB Left	14.28	/	/	13.08	/	/	<=23	Pass
		Inner 1RB Right	17.32	/	/	16.12	/	/	<=23	Pass
	3679.98	Edge 1RB Left	17.32	/	/	16.12	/	/	<=23	Pass
		Edge 1RB Right	12.58	/	/	11.38	/	/	<=23	Pass
		Outer Full	9.33	/	/	8.13	/	/	<=23	Pass
		Inner Full	13.98	/	/	12.78	/	/	<=23	Pass
		Inner 1RB Left	17.73	/	/	16.53	/	/	<=23	Pass
		Inner 1RB Right	14.02	/	/	12.82	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge 1RB Left	14.20	/	/	13	/	/	<=23	Pass
		Edge 1RB Right	18.81	/	/	17.61	/	/	<=23	Pass
		Outer Full	8.11	/	/	6.91	/	/	<=23	Pass
		Inner Full	14.10	/	/	12.9	/	/	<=23	Pass
		Inner 1RB Left	18.92	/	/	17.72	/	/	<=23	Pass
		Inner 1RB Right	18.04	/	/	16.84	/	/	<=23	Pass
	3624.99	Edge 1RB Left	14.13	/	/	12.93	/	/	<=23	Pass
		Edge 1RB Right	19.11	/	/	17.91	/	/	<=23	Pass
		Outer Full	9.54	/	/	8.34	/	/	<=23	Pass
		Inner Full	13.75	/	/	12.55	/	/	<=23	Pass
		Inner 1RB Left	15.49	/	/	14.29	/	/	<=23	Pass
		Inner 1RB Right	18.75	/	/	17.55	/	/	<=23	Pass
	3679.98	Edge 1RB Left	17.58	/	/	16.38	/	/	<=23	Pass
		Edge 1RB Right	16.59	/	/	15.39	/	/	<=23	Pass
		Outer Full	12.57	/	/	11.37	/	/	<=23	Pass
		Inner Full	15.51	/	/	14.31	/	/	<=23	Pass
		Inner 1RB Left	17.77	/	/	16.57	/	/	<=23	Pass
		Inner 1RB Right	17.61	/	/	16.41	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge 1RB Left	15.44	/	/	14.24	/	/	<=23	Pass
		Edge 1RB Right	16.74	/	/	15.54	/	/	<=23	Pass
		Outer Full	12.15	/	/	10.95	/	/	<=23	Pass
		Inner Full	9.76	/	/	8.56	/	/	<=23	Pass
		Inner 1RB Left	15.27	/	/	14.07	/	/	<=23	Pass

2. Frequency Stability

2.1 30k_SISO_40MHz

2.1.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-15.30	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	2.20	0.0006	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-20.60	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-23.70	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-13.70	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-17.10	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	2.60	0.0007	>=-2.5 & <=2.5	Pass
				HV	-13.70	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-7.20	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-14.80	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-17.00	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-10.20	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass

			-30	NV	-11.50	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-11.80	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-14.10	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-11.40	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-9.80	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-16.30	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-9.00	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-15.00	-0.0041	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-16.00	-0.0044	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-10.30	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-14.20	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-11.20	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-7.40	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-11.40	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-12.20	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-18.10	-0.0050	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-11.80	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-14.30	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-10.70	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-7.40	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-13.70	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	6.50	0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-14.50	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-11.70	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-11.70	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-13.20	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-13.90	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-17.50	-0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-16.90	-0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-12.50	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-11.80	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-20.00	-0.0055	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-15.20	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-9.50	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-7.30	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-10.90	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-14.00	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-17.30	-0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-13.50	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-16.20	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-11.50	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.70	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-4.60	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-5.20	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-11.90	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	3.80	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	1.80	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-19.50	-0.0054	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

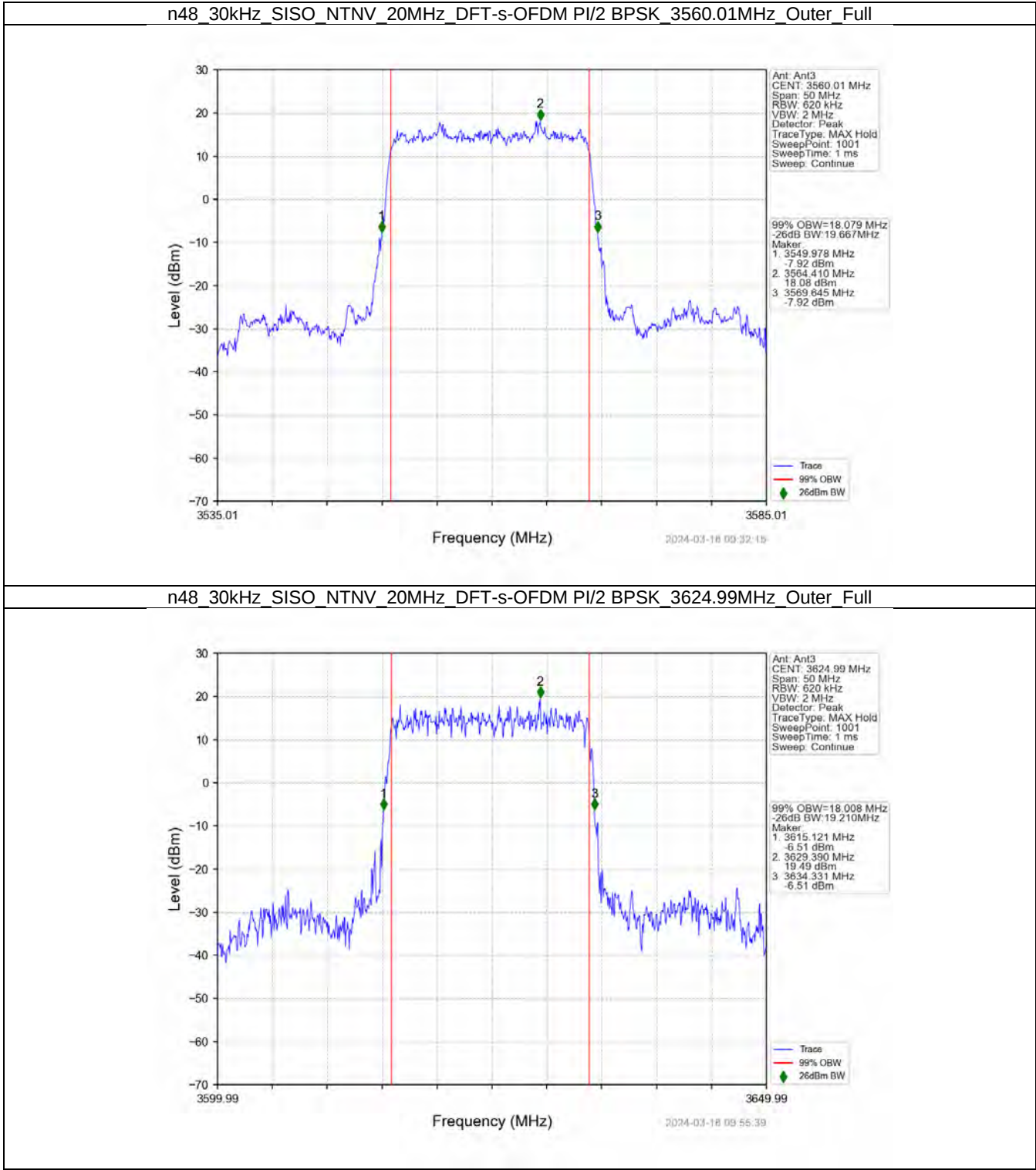
3. 99% & 26dB Bandwidth

3.1 30k_SISO_20MHz_NTNV

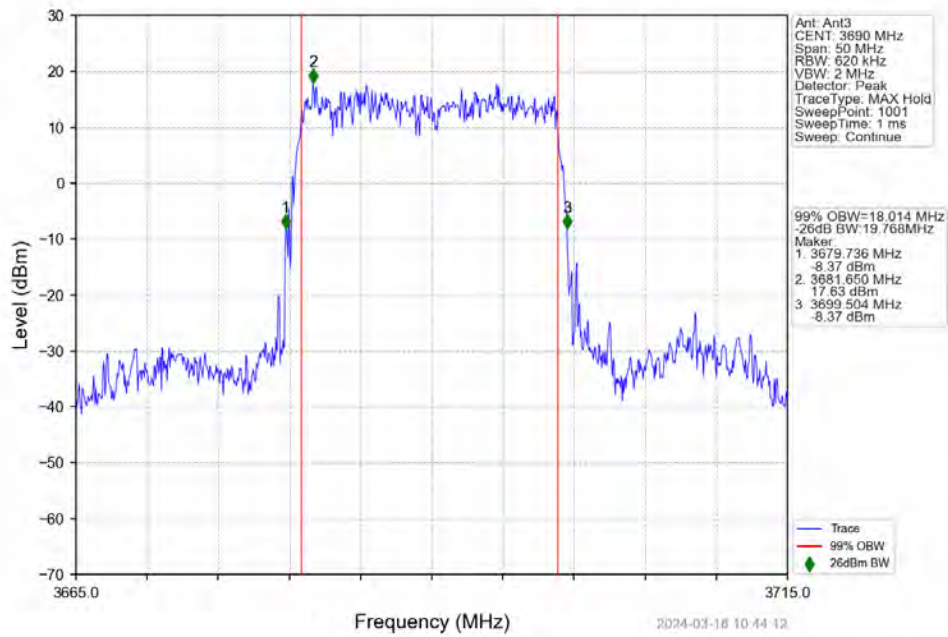
3.1.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	18.08	19.67	/	Pass
	3624.99	Outer_Full	18.01	19.21	/	Pass
	3690	Outer_Full	18.01	19.77	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	18.13	20.03	/	Pass
	3624.99	Outer_Full	18.23	19.44	/	Pass
	3690	Outer_Full	18.16	19.33	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	18.18	20.02	/	Pass
	3624.99	Outer_Full	18.07	19.38	/	Pass
	3690	Outer_Full	18.04	19.44	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.09	20.07	/	Pass
	3624.99	Outer_Full	17.90	19.57	/	Pass
	3690	Outer_Full	18.07	19.38	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	18.05	19.78	/	Pass
	3624.99	Outer_Full	17.94	19.44	/	Pass
	3690	Outer_Full	18.03	19.22	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.39	20.23	/	Pass
	3624.99	Outer_Full	18.40	20.04	/	Pass
	3690	Outer_Full	18.31	19.68	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.40	20.34	/	Pass
	3624.99	Outer_Full	18.41	19.62	/	Pass
	3690	Outer_Full	18.40	20.02	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.43	20.28	/	Pass
	3624.99	Outer_Full	18.36	19.72	/	Pass
	3690	Outer_Full	18.39	20.08	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.40	20.45	/	Pass
	3624.99	Outer_Full	18.30	19.80	/	Pass
	3690	Outer_Full	18.29	19.98	/	Pass

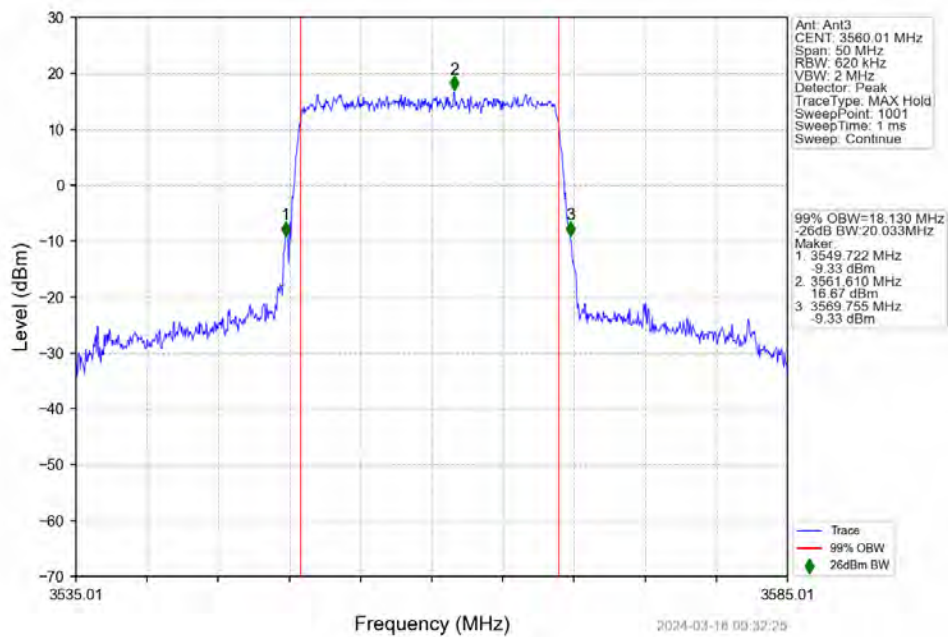
3.1.2 Test Graph



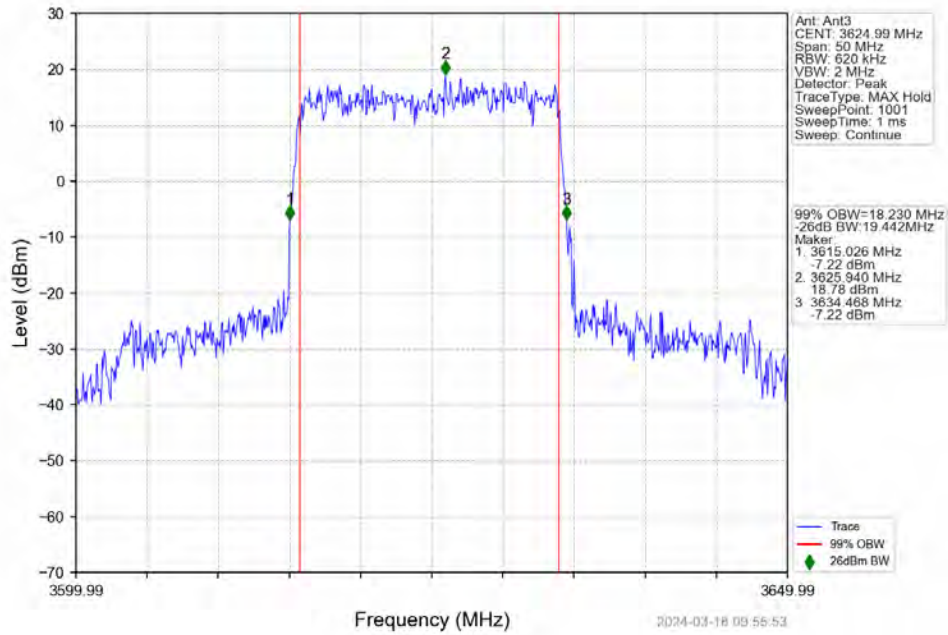
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Outer Full



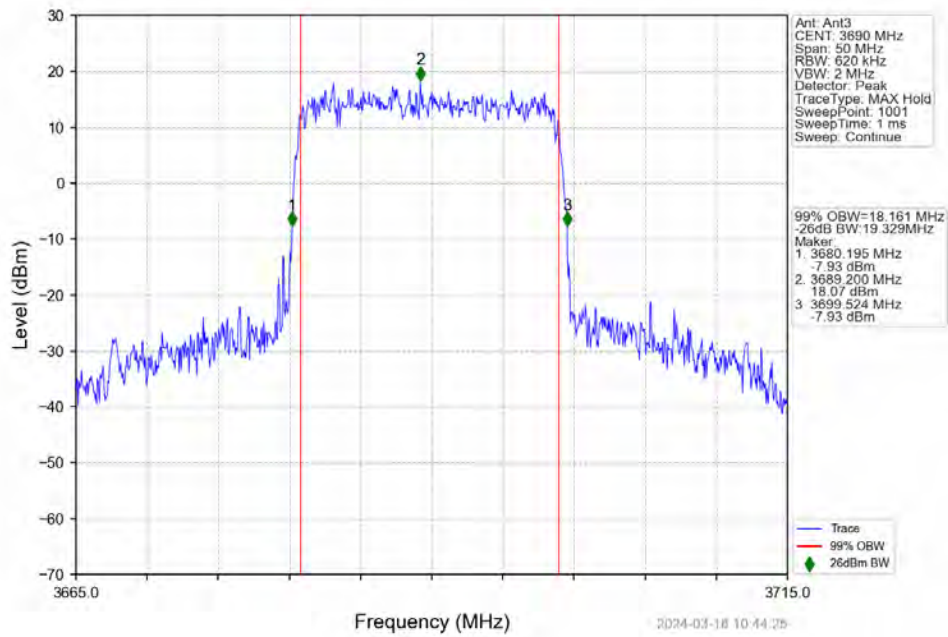
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Outer Full



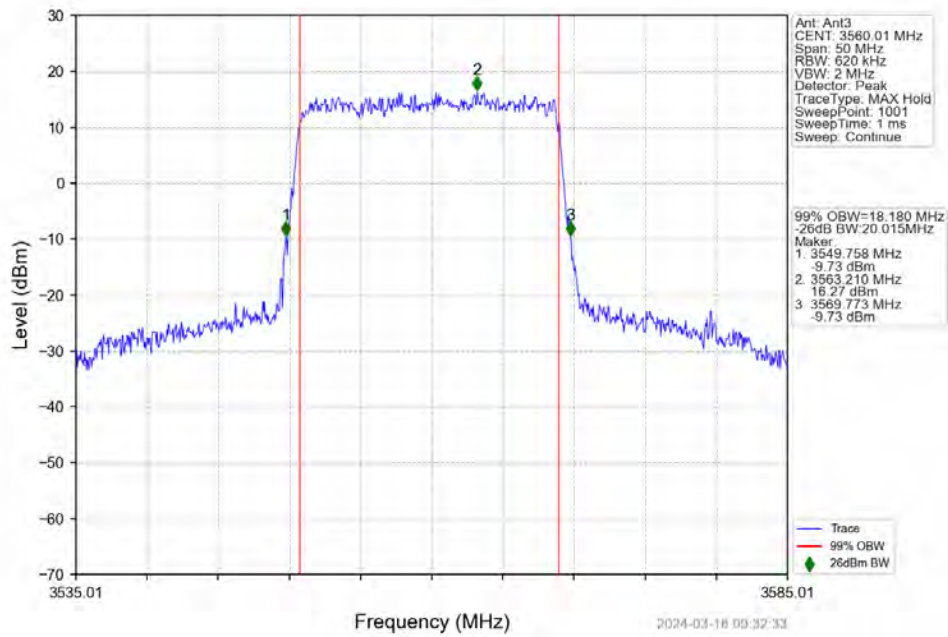
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3624.99MHz Outer Full



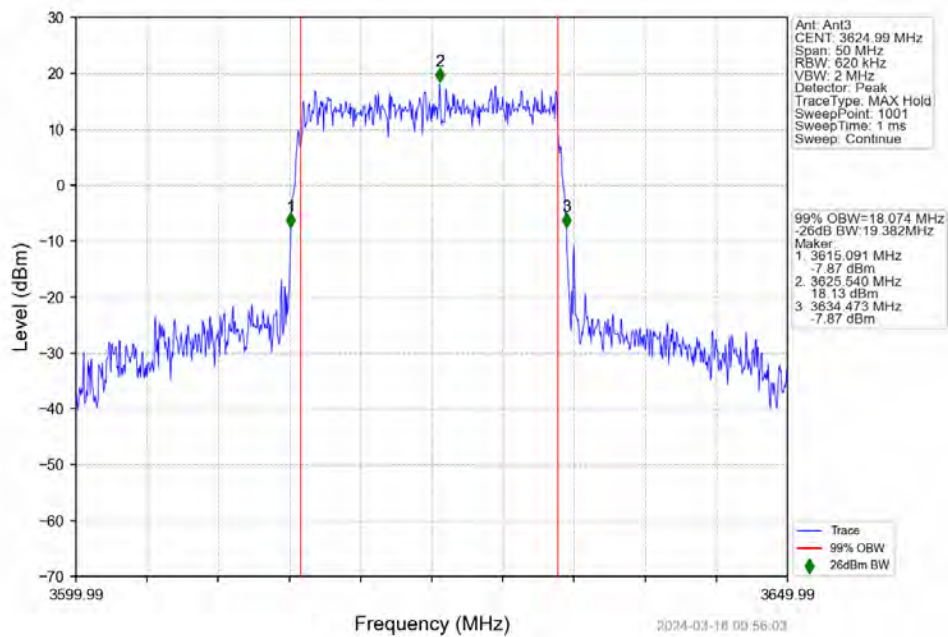
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3690MHz Outer Full



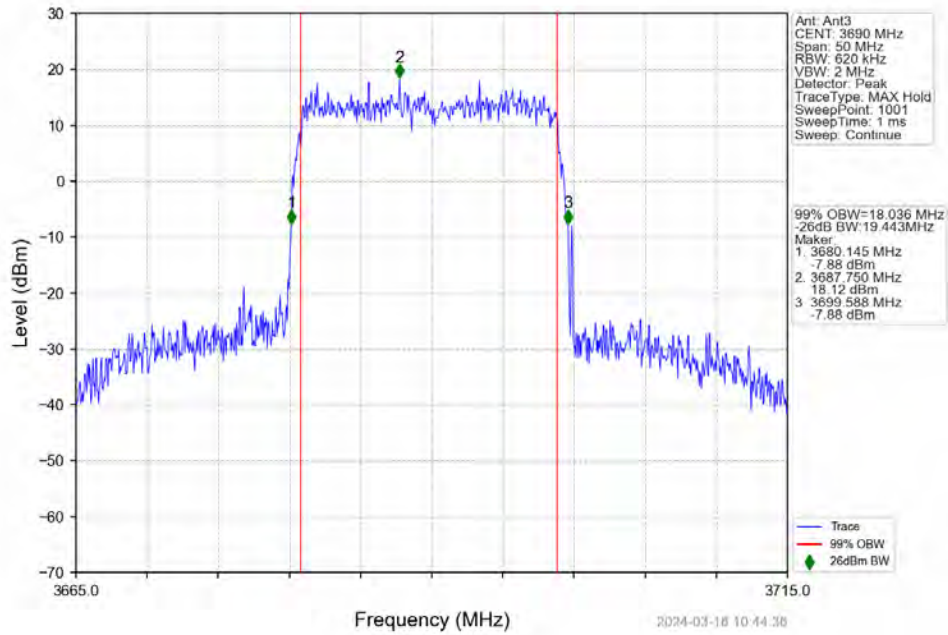
n48 30kHz SISO NTNV 20MHz DFT-s-OFDM 16 QAM 3560.01MHz Outer Full



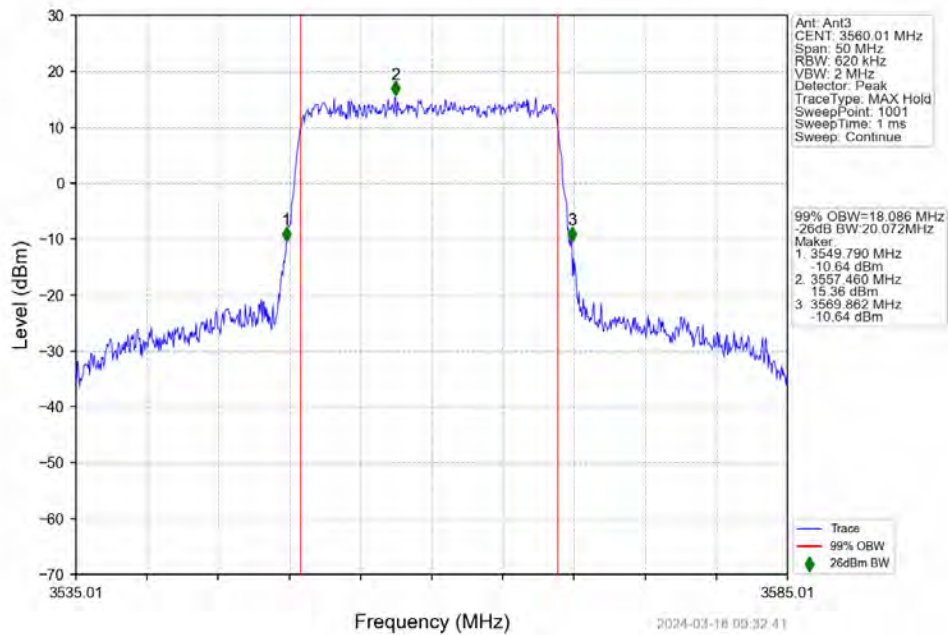
n48 30kHz SISO NTNV 20MHz DFT-s-OFDM 16 QAM 3624.99MHz Outer Full



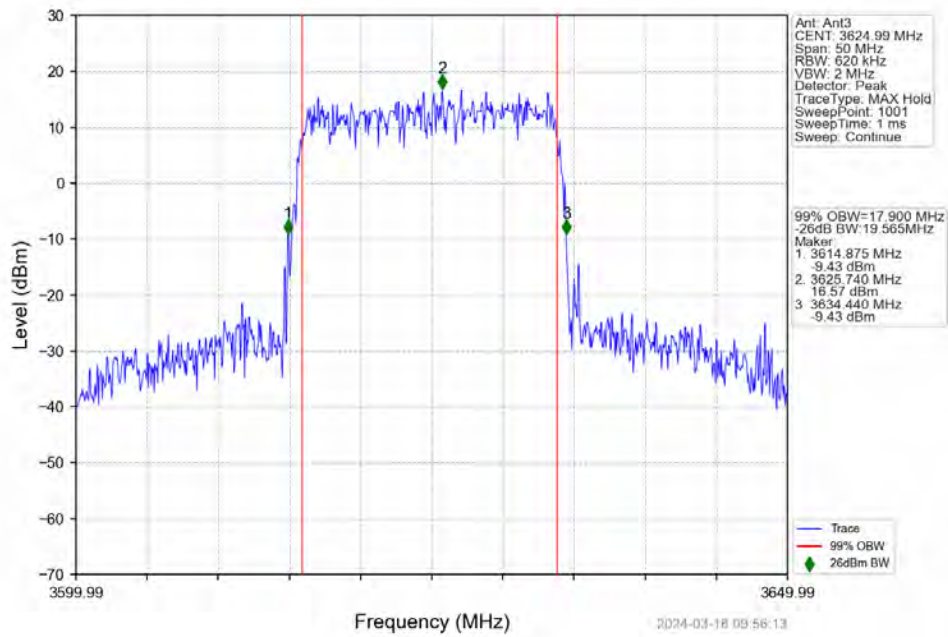
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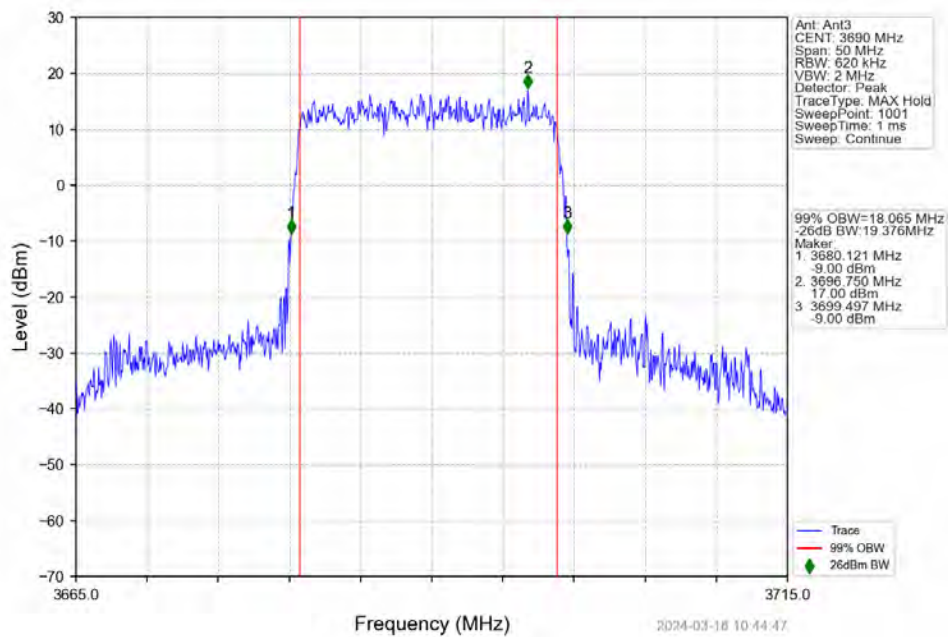
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3560.01MHz Outer Full



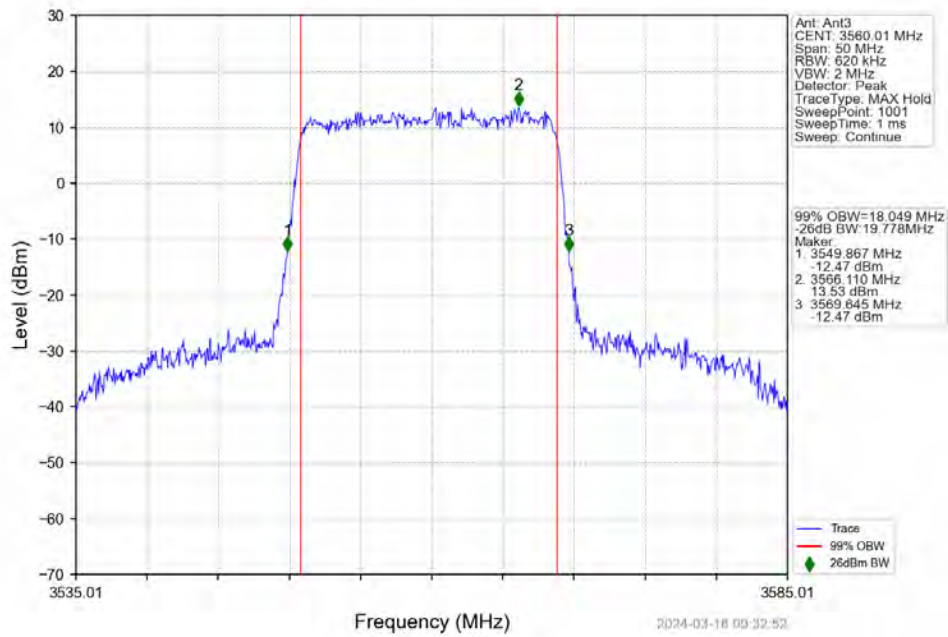
n48 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3624.99MHz Outer Full



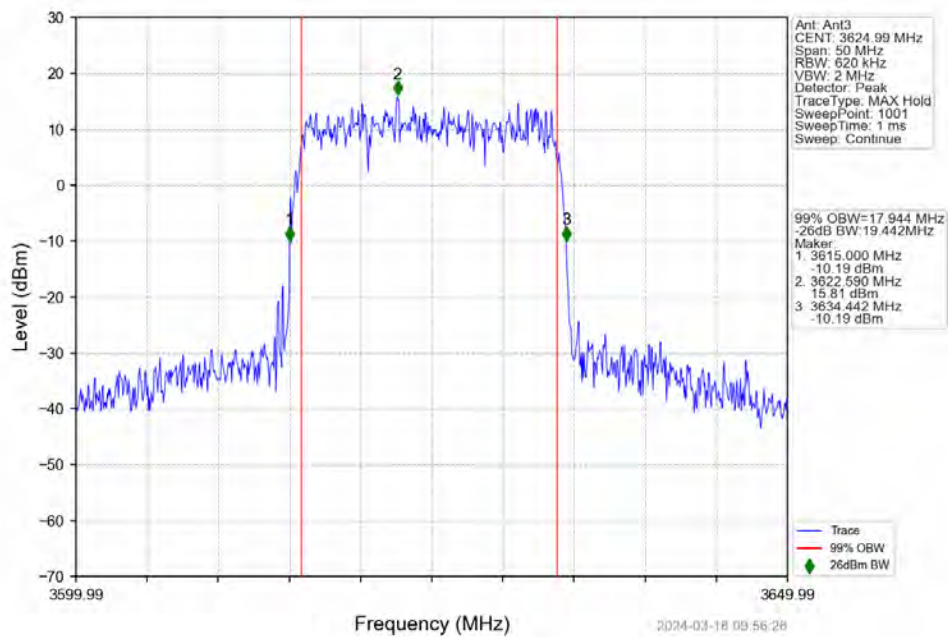
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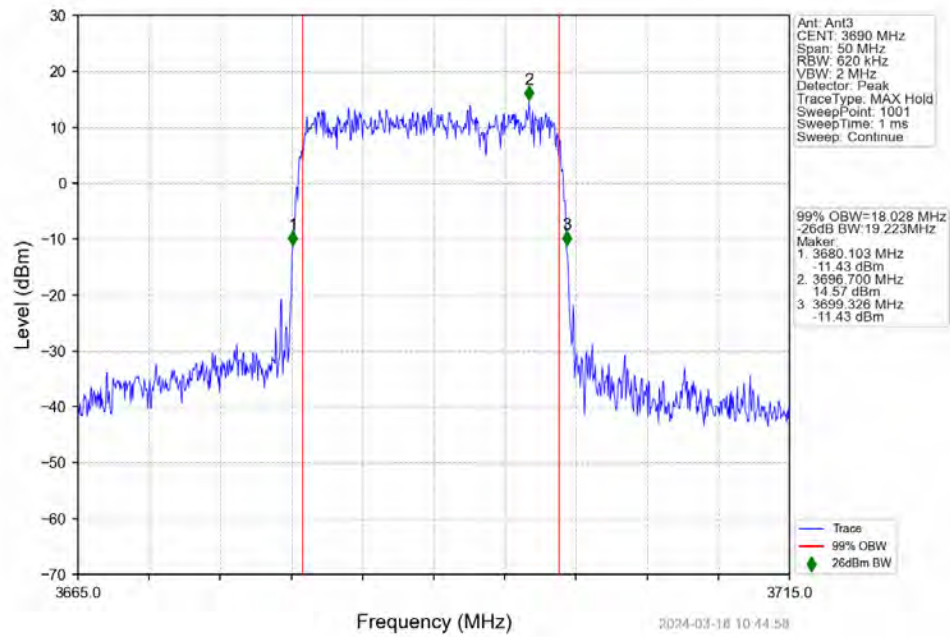
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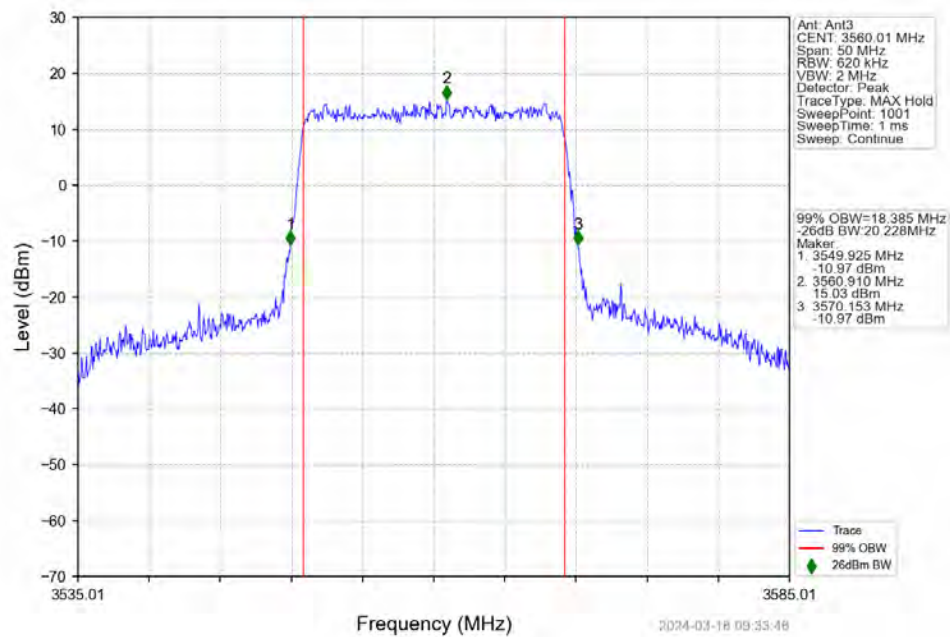
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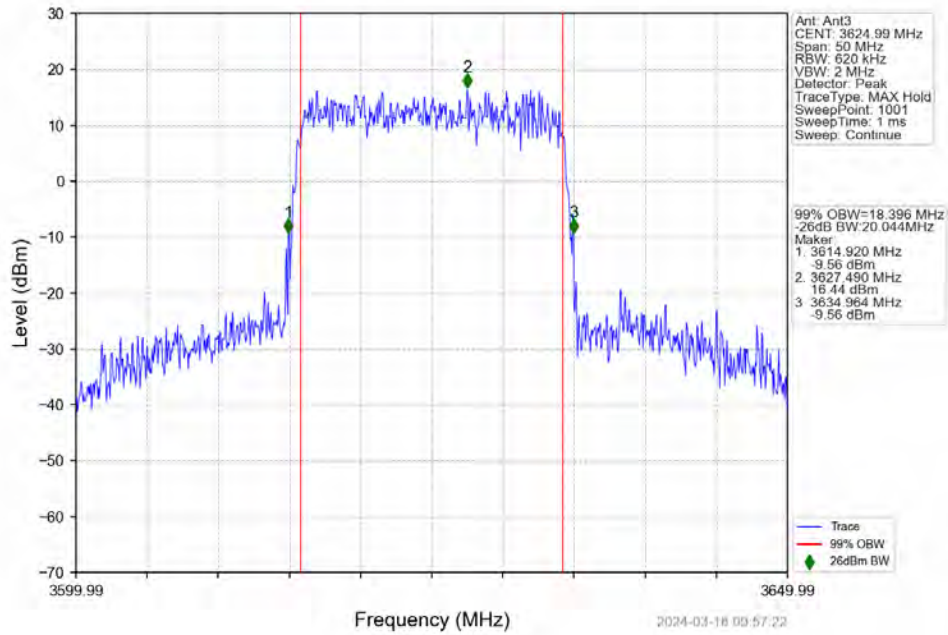
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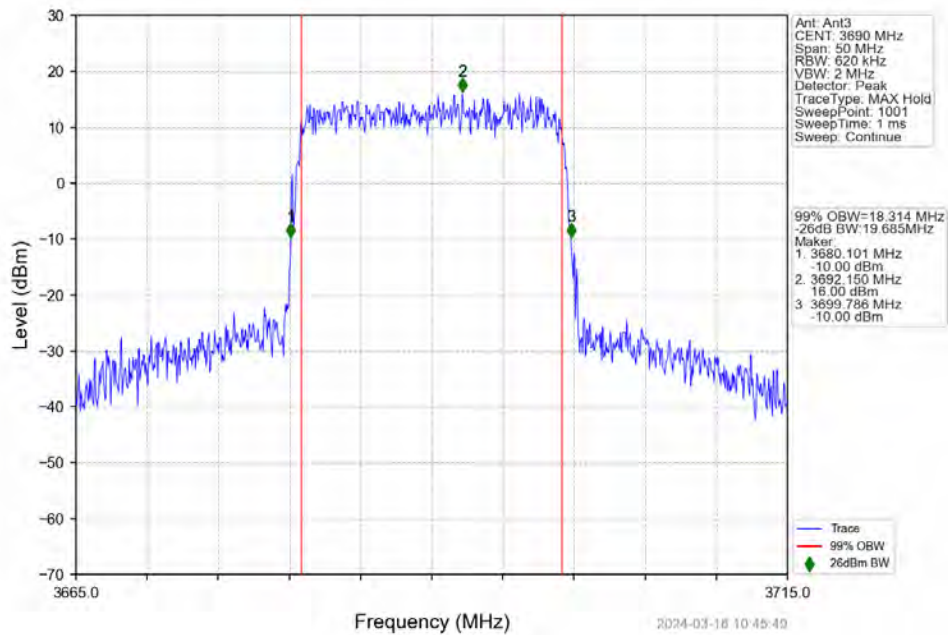
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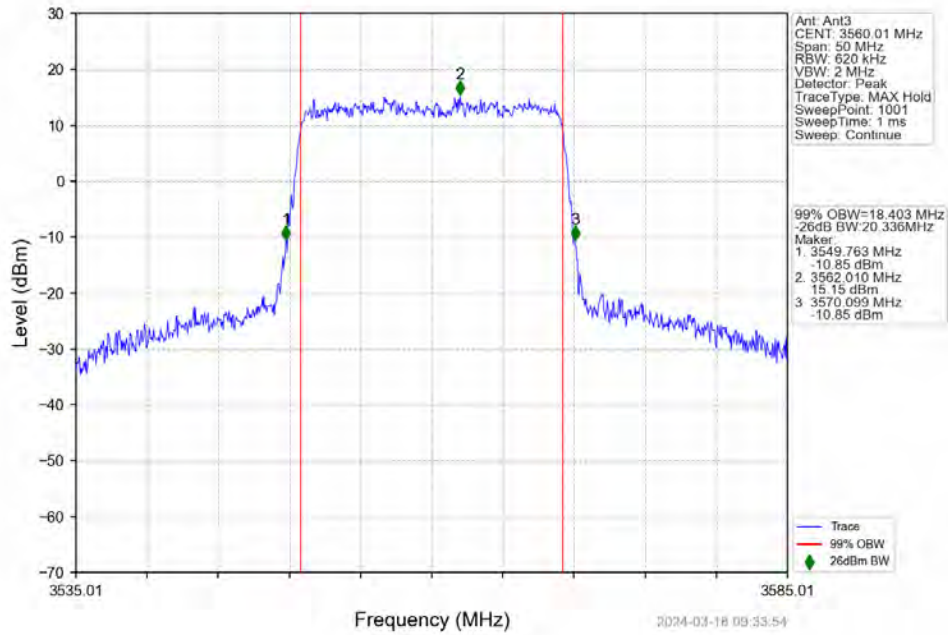
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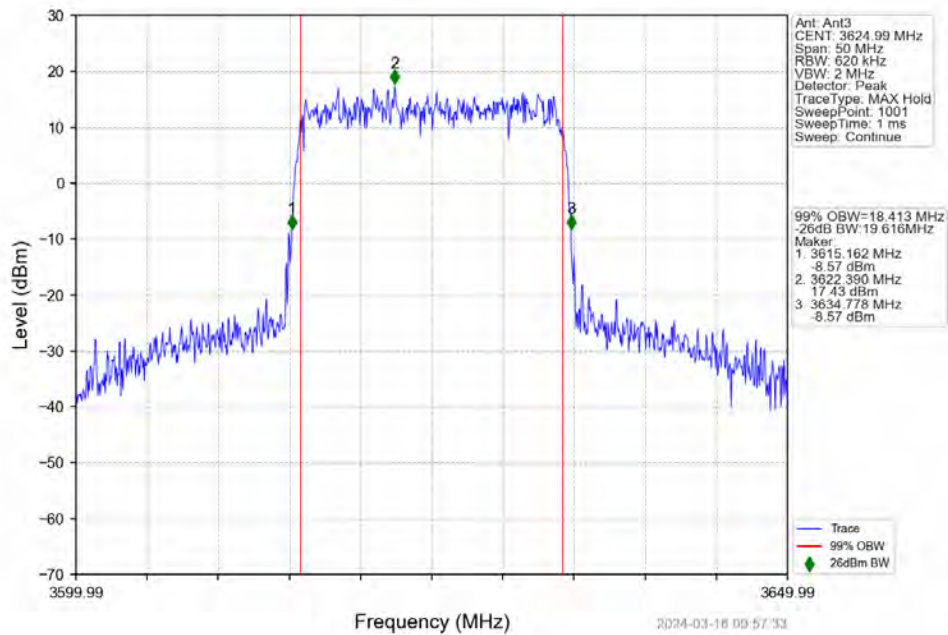
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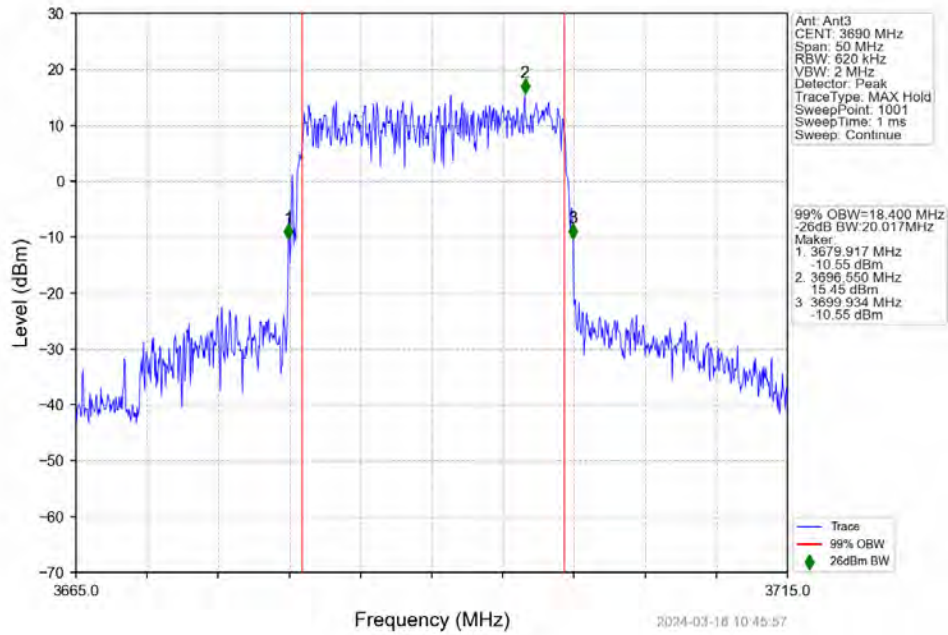
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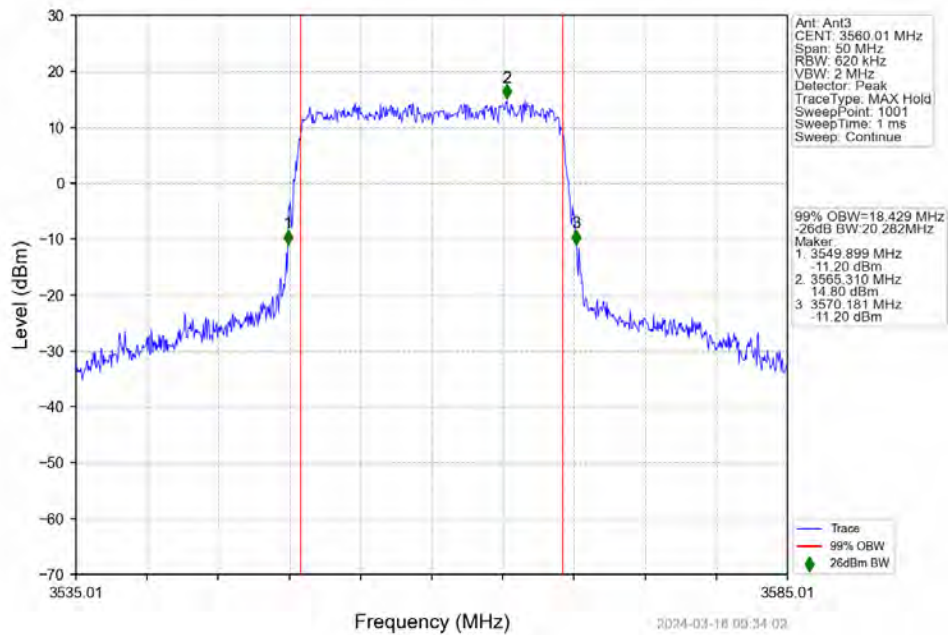
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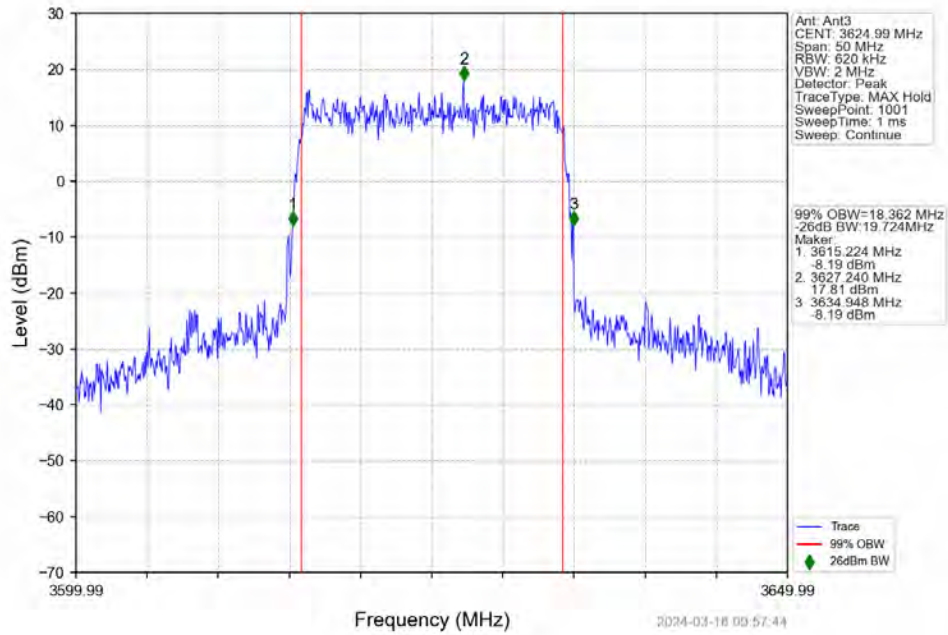
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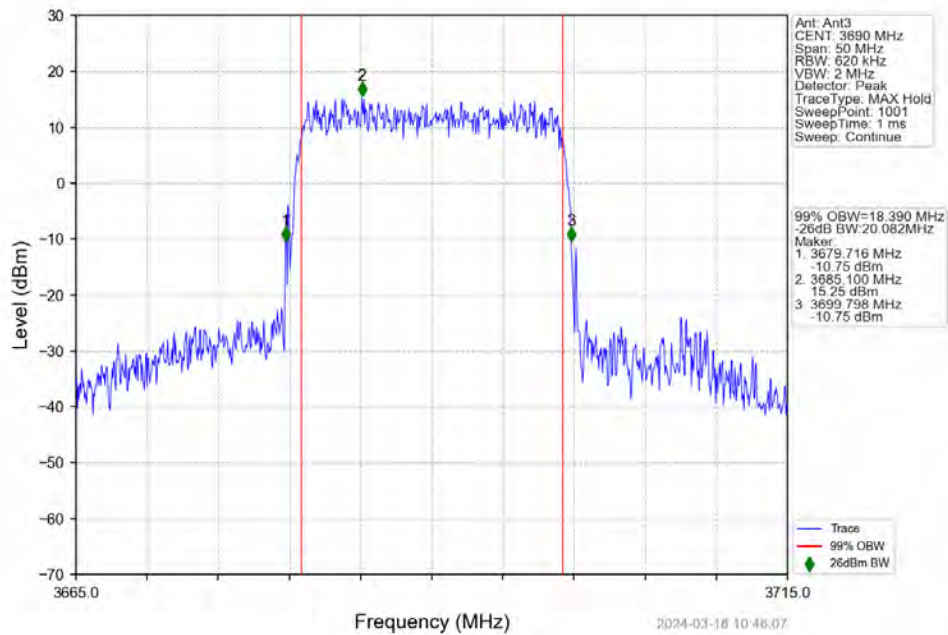
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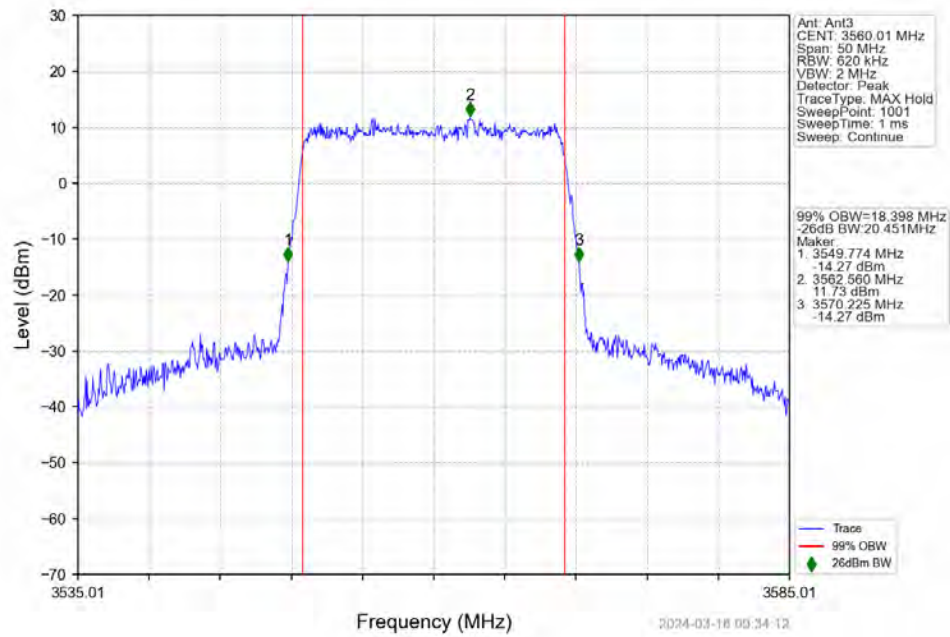
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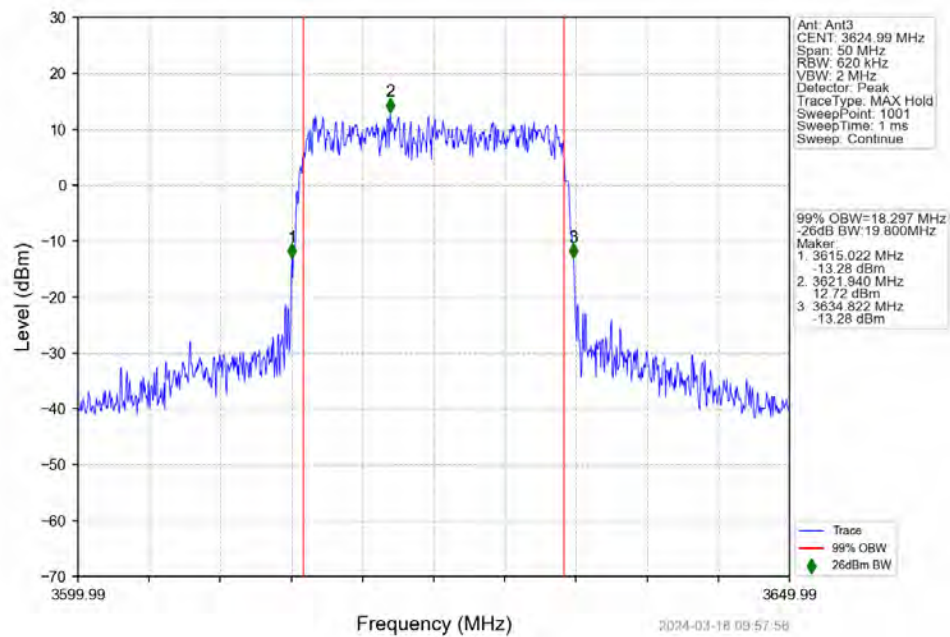
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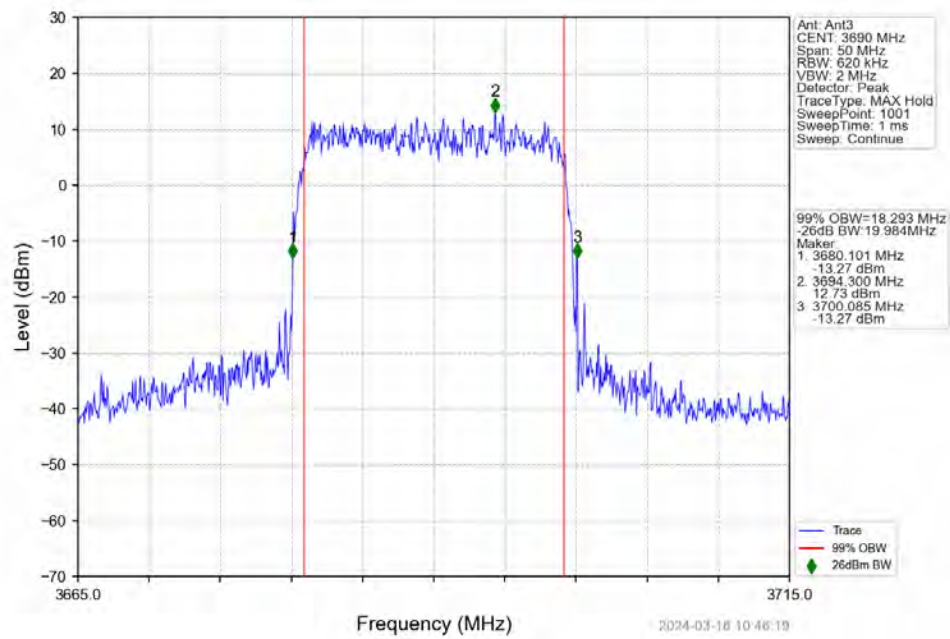


n48 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3560.01MHz Outer Full



n48 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3624.99MHz Outer Full



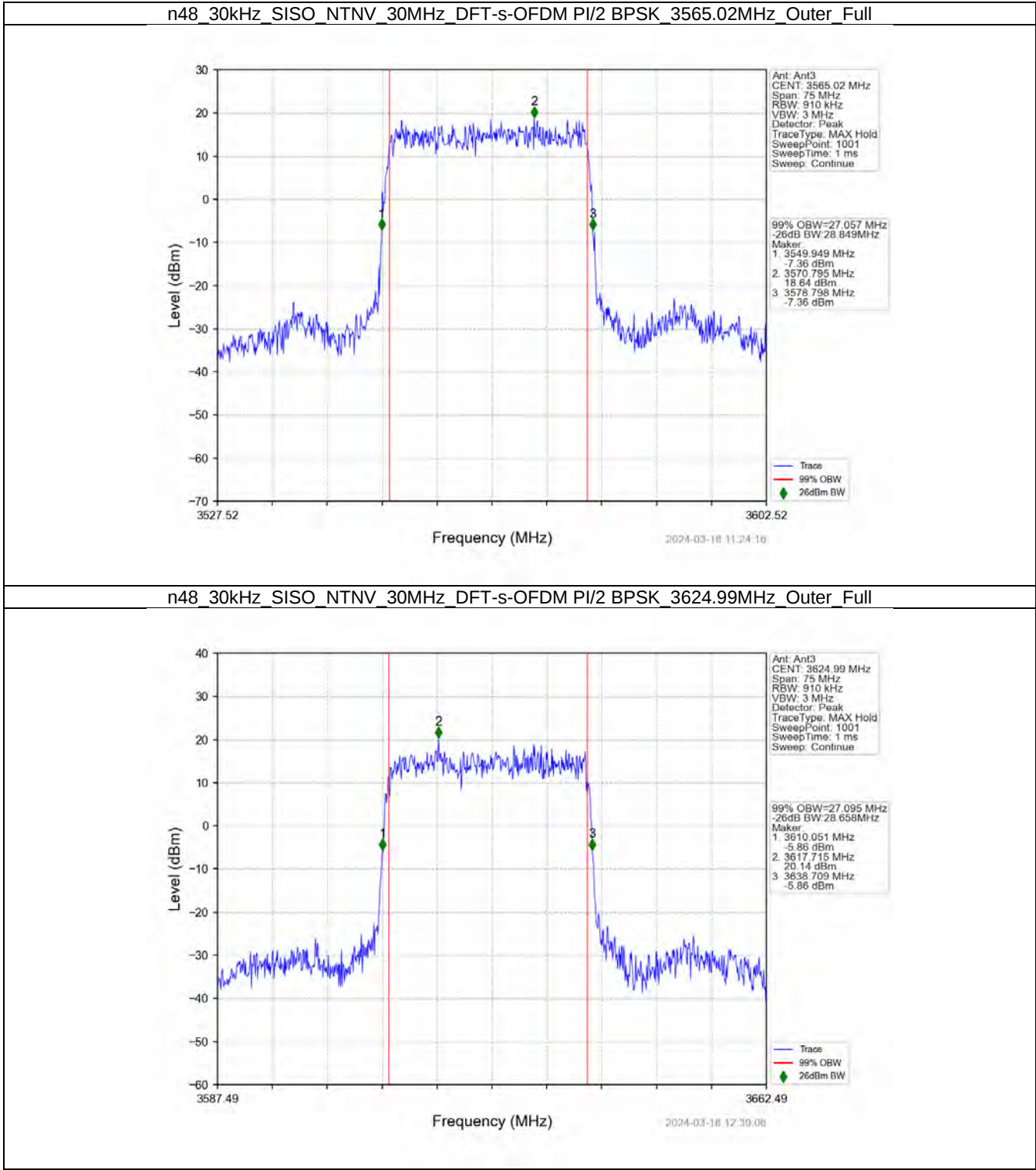


3.2 30k_SISO_30MHz_NTNV

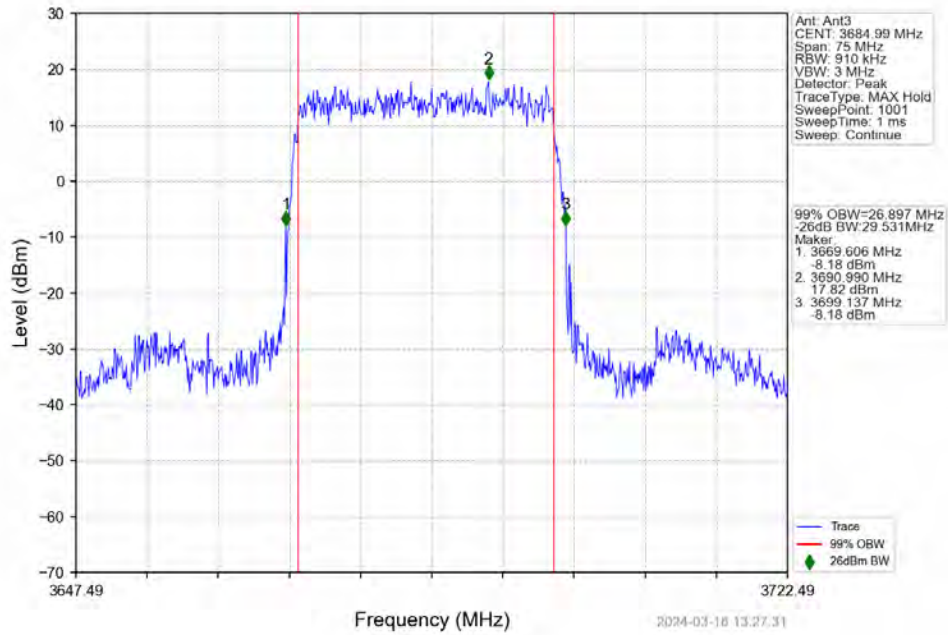
3.2.1 Test Result

5G NR n48 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3565.02	Outer_Full	27.06	28.85	/	Pass
	3624.99	Outer_Full	27.09	28.66	/	Pass
	3684.99	Outer_Full	26.90	29.53	/	Pass
DFT-s-OFDM QPSK	3565.02	Outer_Full	27.25	29.14	/	Pass
	3624.99	Outer_Full	26.98	29.28	/	Pass
	3684.99	Outer_Full	27.09	29.22	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Outer_Full	27.16	28.93	/	Pass
	3624.99	Outer_Full	27.18	28.92	/	Pass
	3684.99	Outer_Full	27.32	29.14	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Outer_Full	27.14	29.53	/	Pass
	3624.99	Outer_Full	27.05	29.21	/	Pass
	3684.99	Outer_Full	27.24	28.95	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Outer_Full	26.93	29.03	/	Pass
	3624.99	Outer_Full	27.08	29.08	/	Pass
	3684.99	Outer_Full	27.25	29.39	/	Pass
CP-OFDM QPSK	3565.02	Outer_Full	28.02	30.01	/	Pass
	3624.99	Outer_Full	28.21	29.84	/	Pass
	3684.99	Outer_Full	27.91	30.05	/	Pass
CP-OFDM 16 QAM	3565.02	Outer_Full	28.11	30.12	/	Pass
	3624.99	Outer_Full	28.17	30.20	/	Pass
	3684.99	Outer_Full	28.01	29.95	/	Pass
CP-OFDM 64 QAM	3565.02	Outer_Full	28.17	30.01	/	Pass
	3624.99	Outer_Full	28.10	30.37	/	Pass
	3684.99	Outer_Full	28.05	29.92	/	Pass
CP-OFDM 256 QAM	3565.02	Outer_Full	28.08	29.99	/	Pass
	3624.99	Outer_Full	28.09	30.10	/	Pass
	3684.99	Outer_Full	28.09	30.07	/	Pass

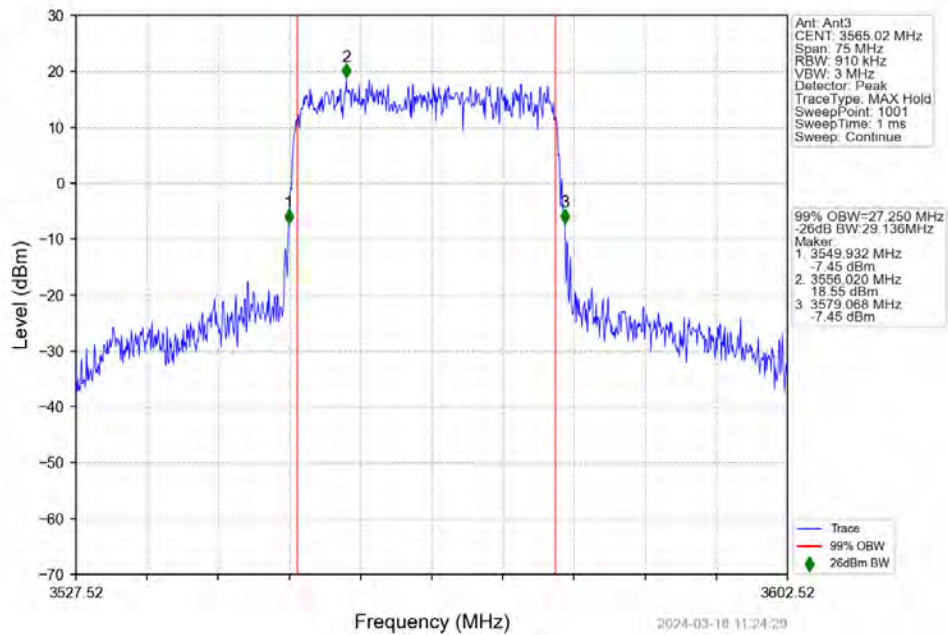
3.2.2 Test Graph



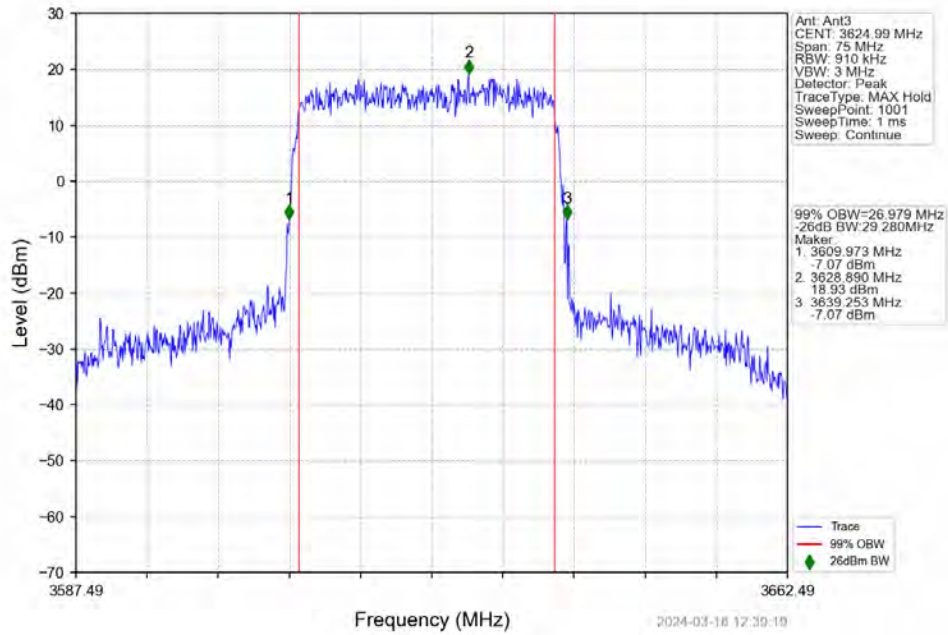
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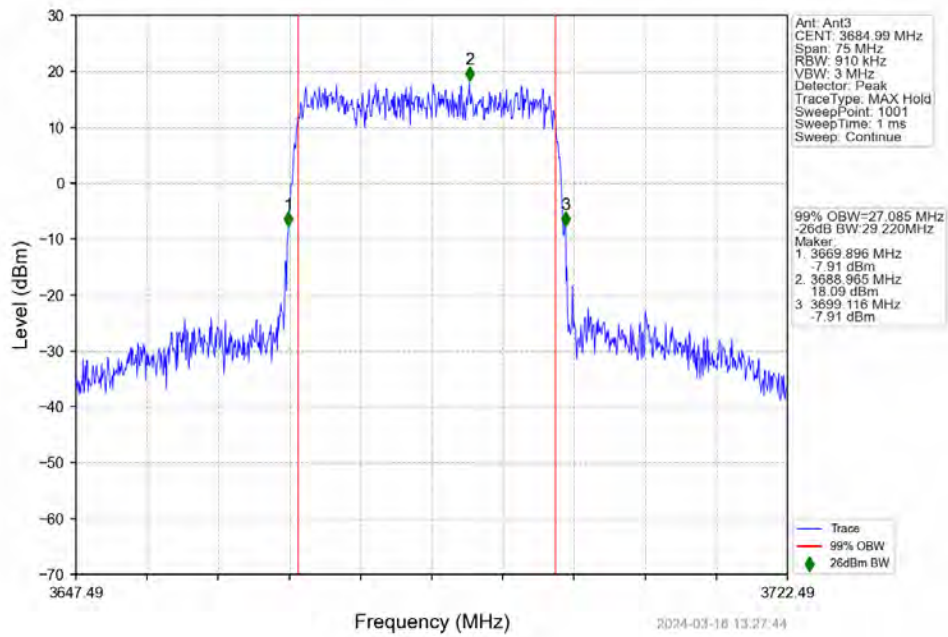
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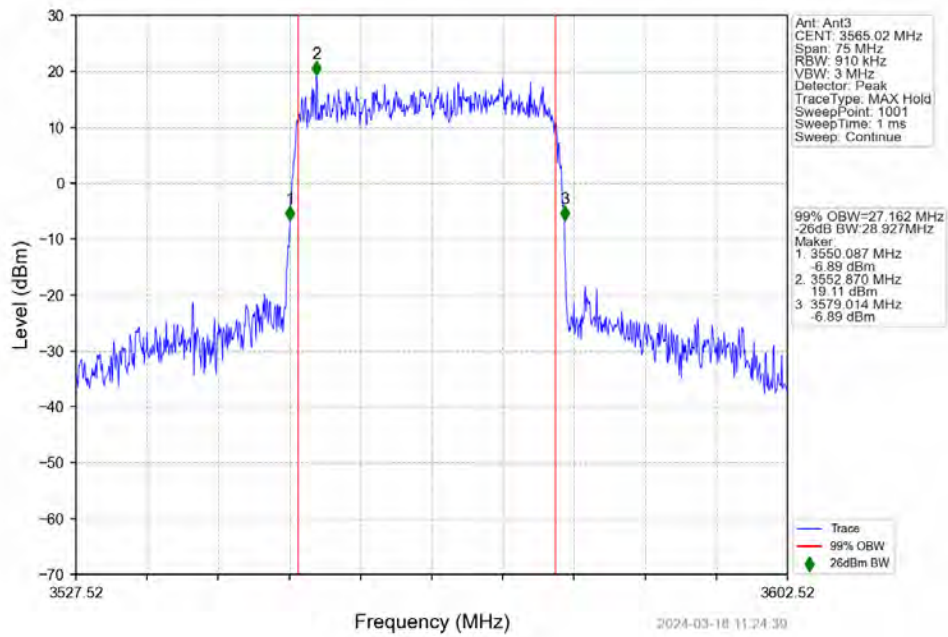
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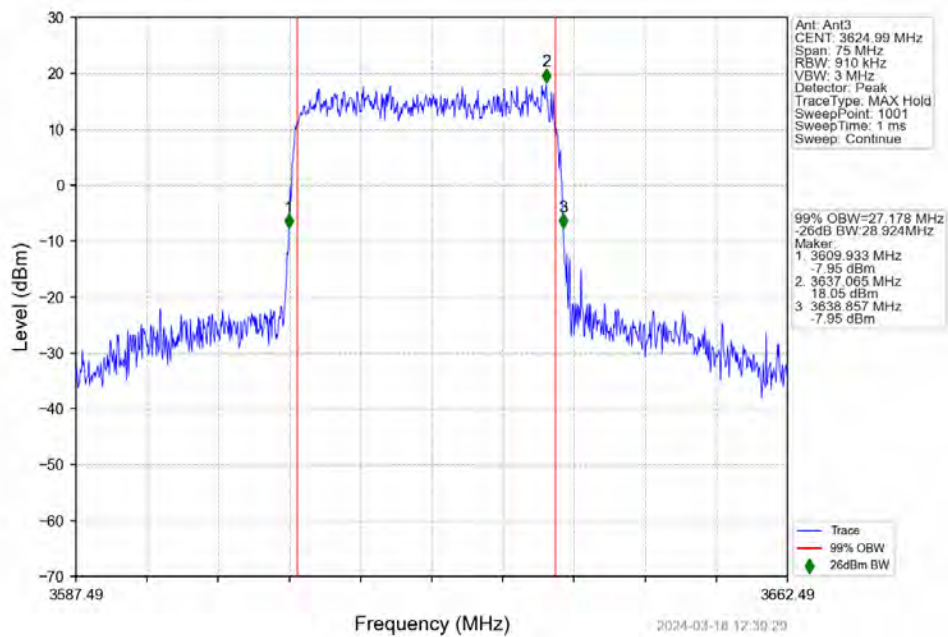
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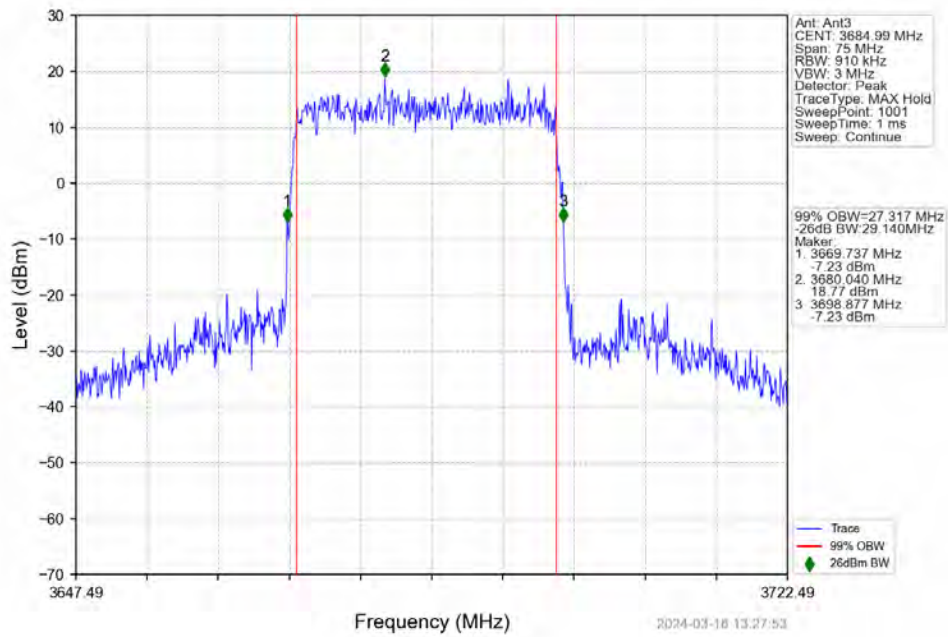
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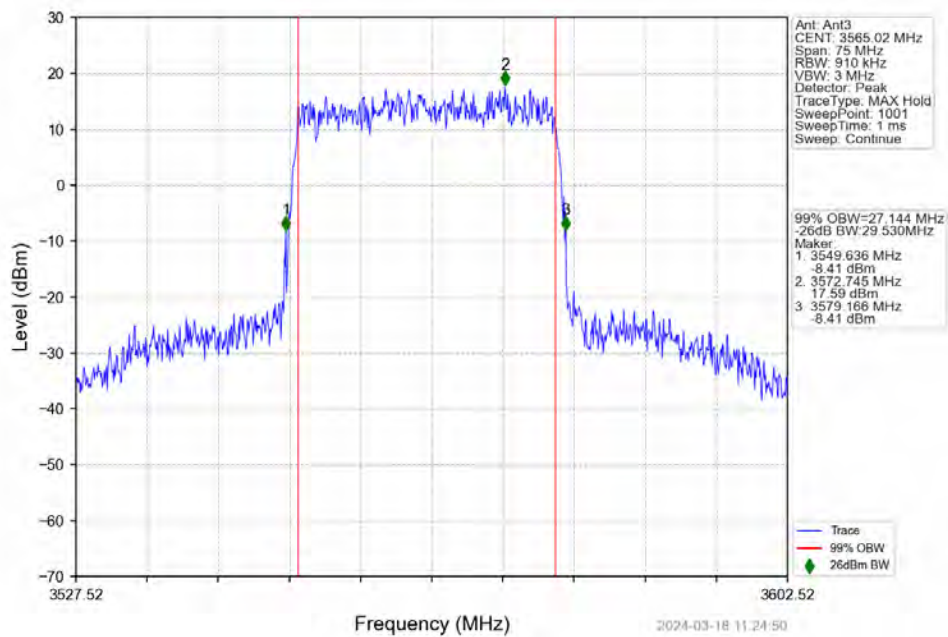
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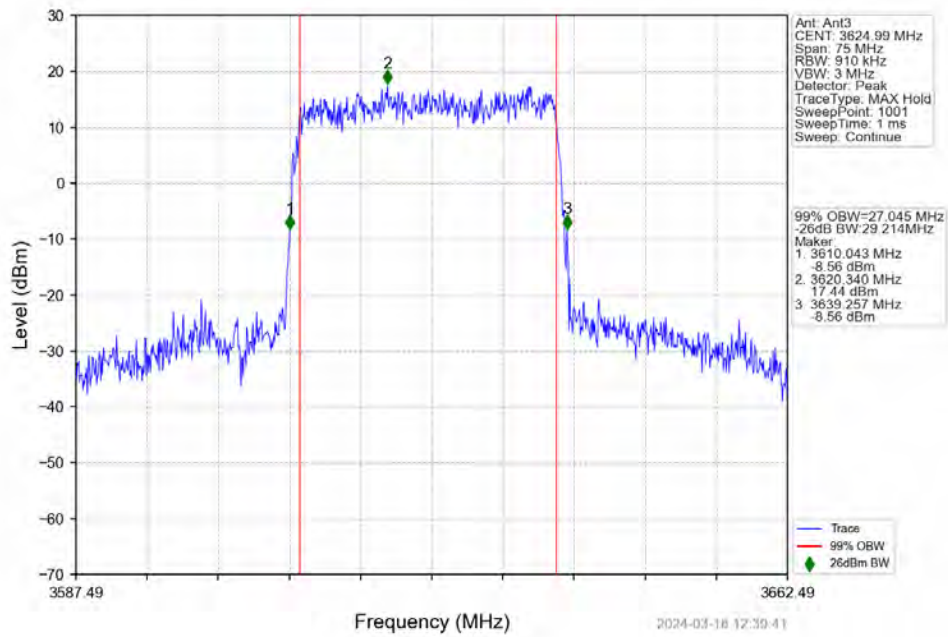
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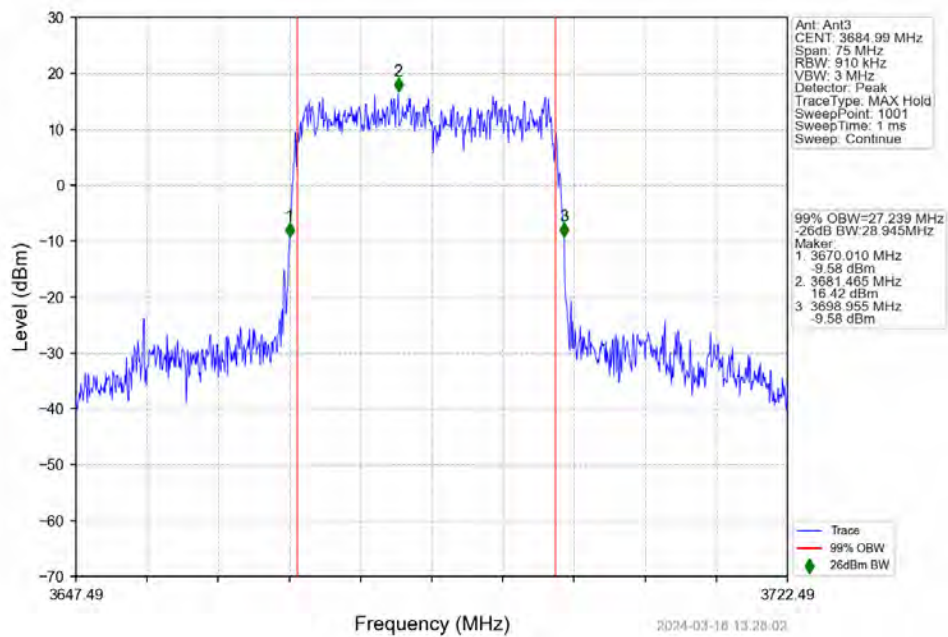
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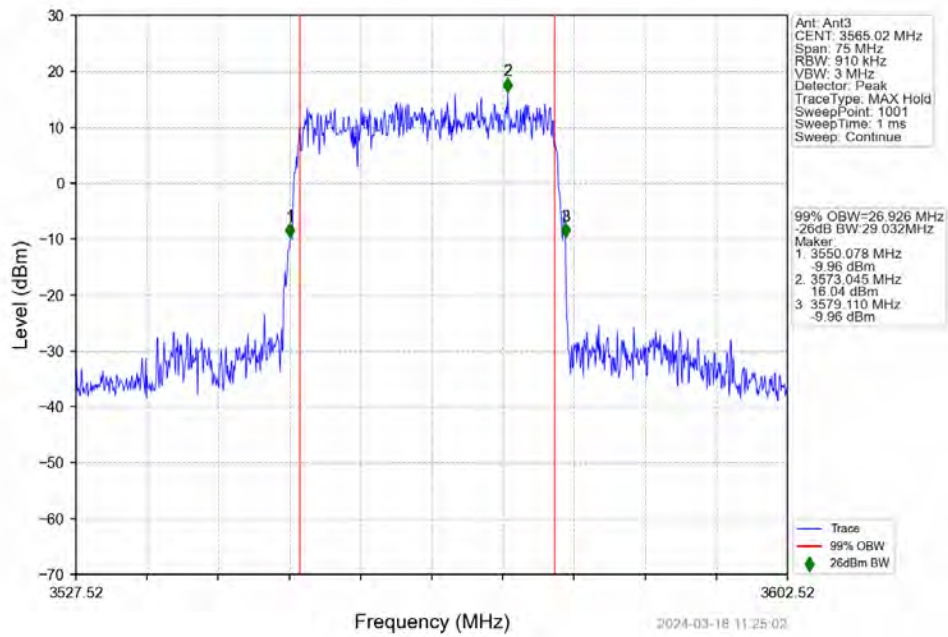
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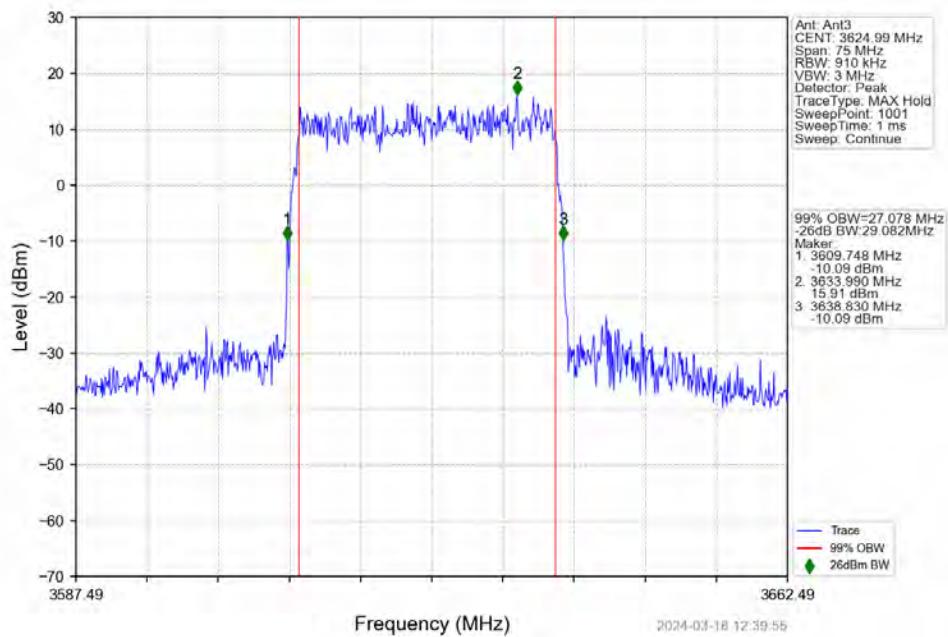
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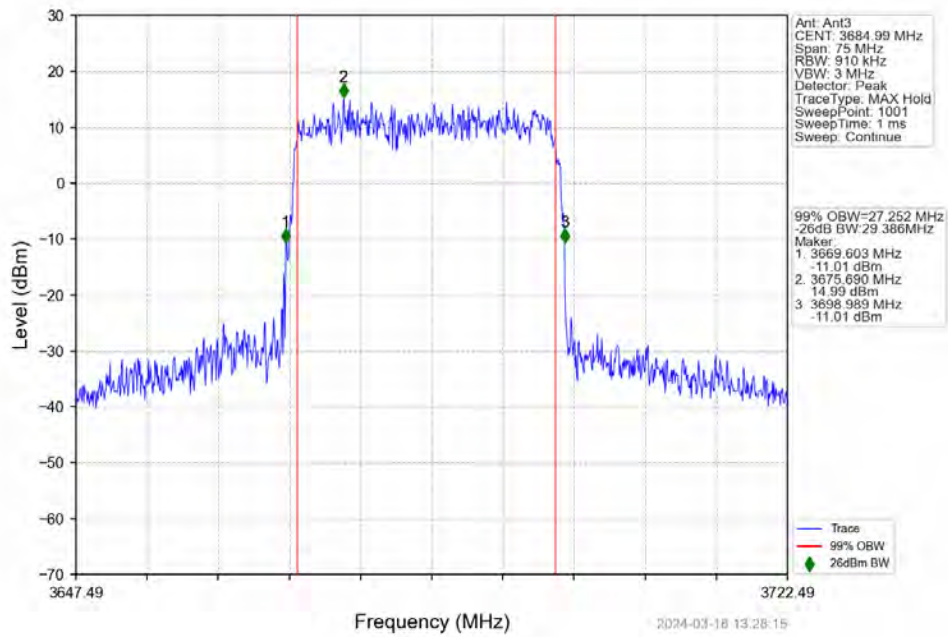
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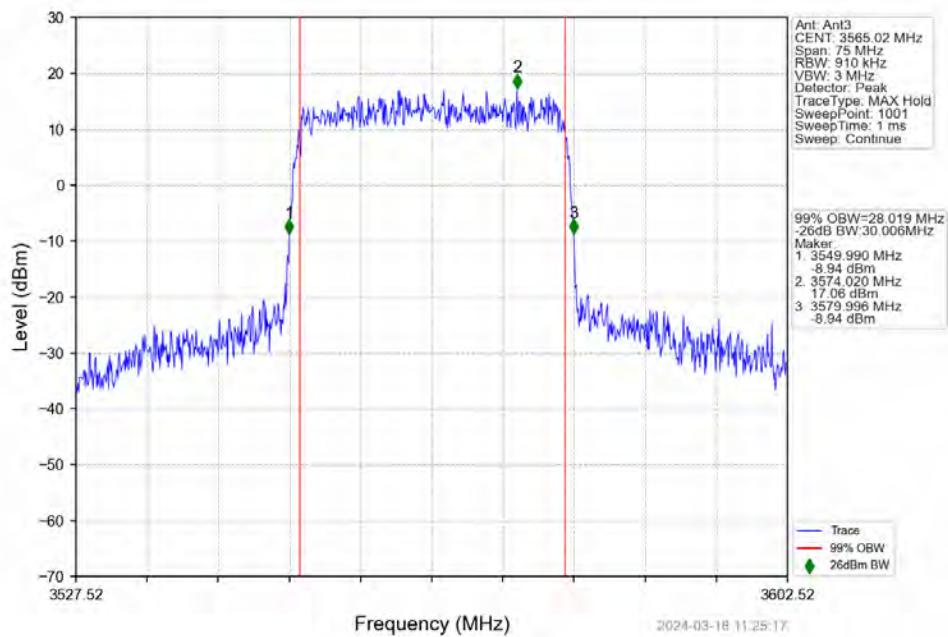
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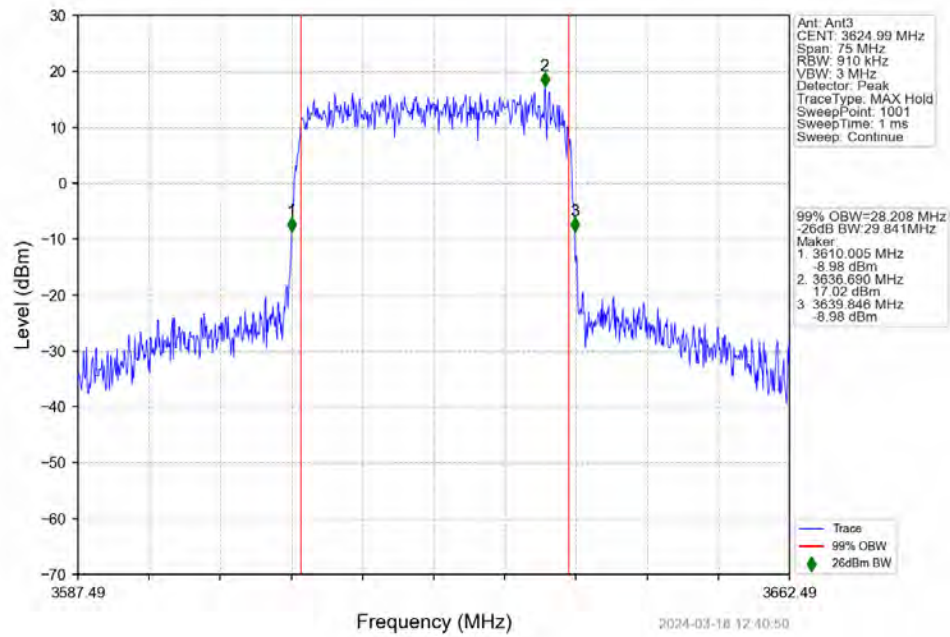
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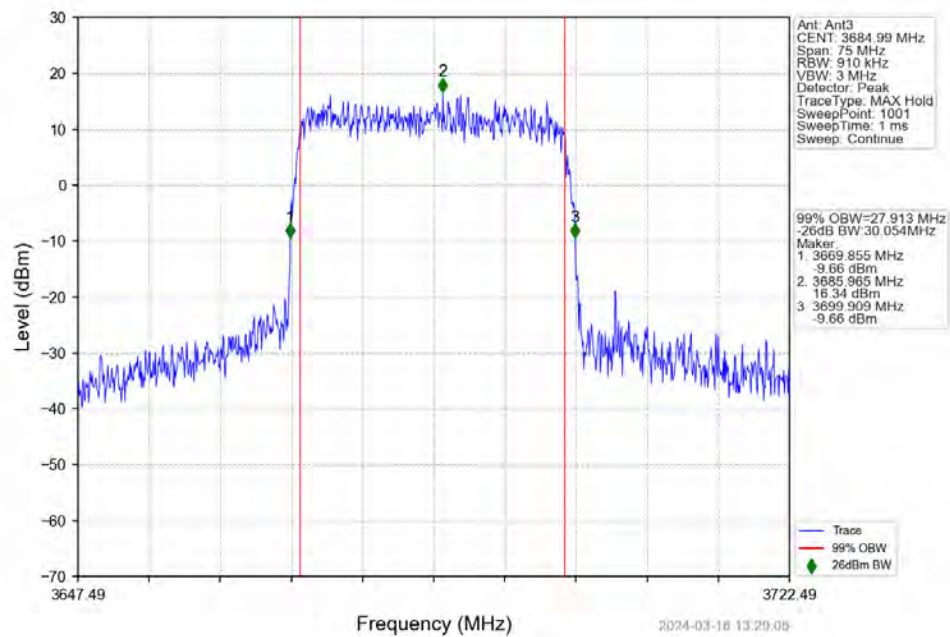
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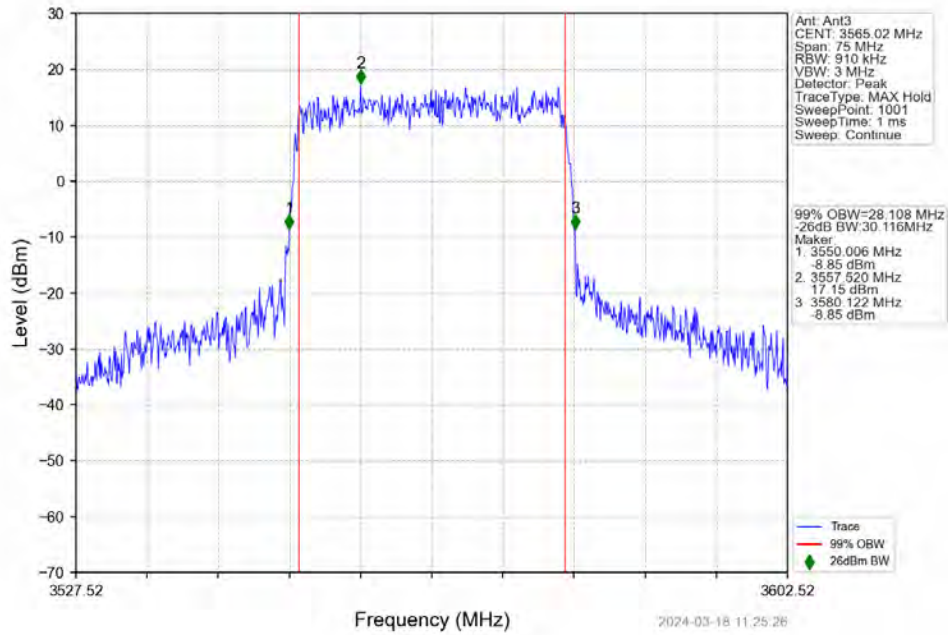
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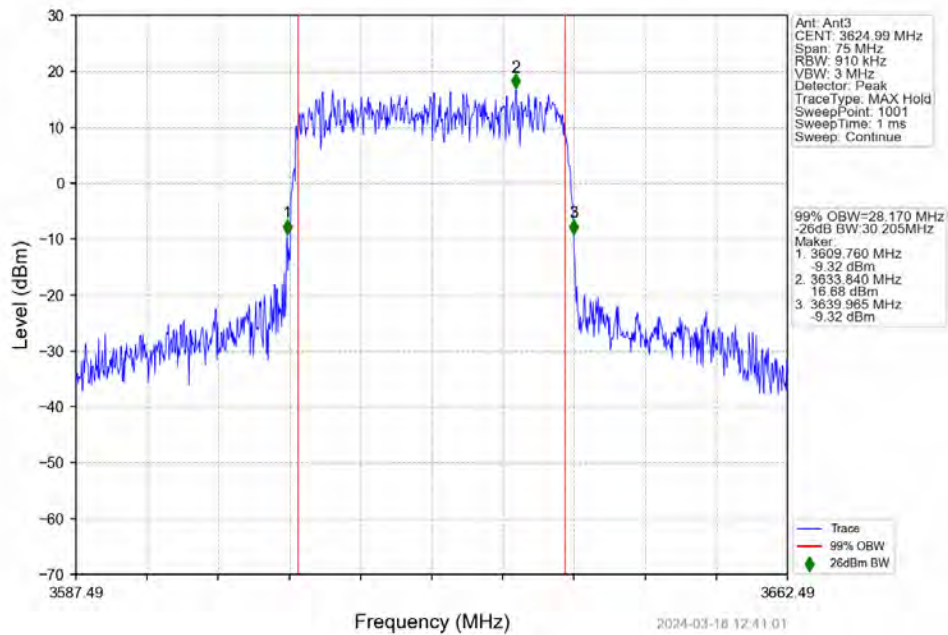
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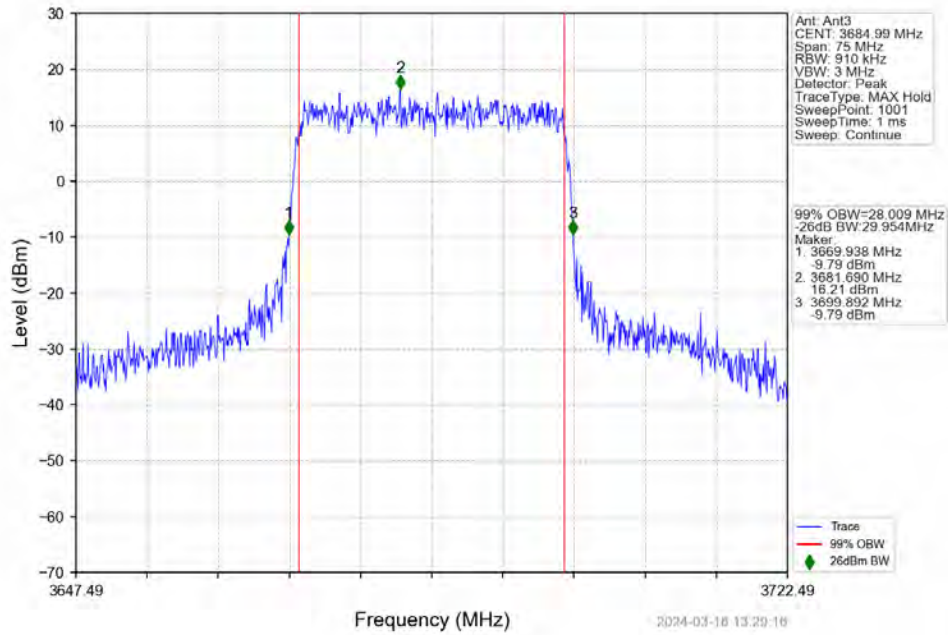
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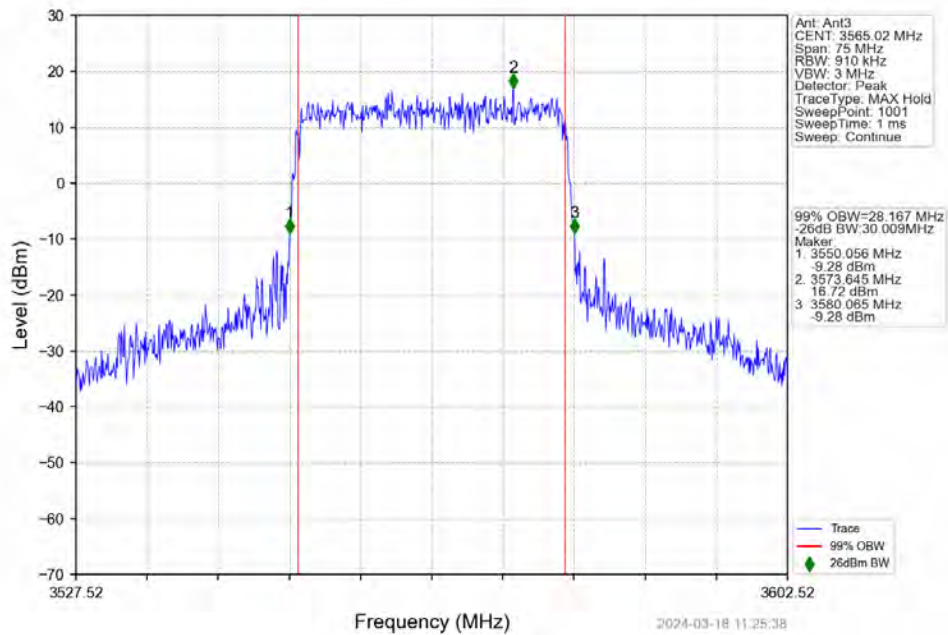
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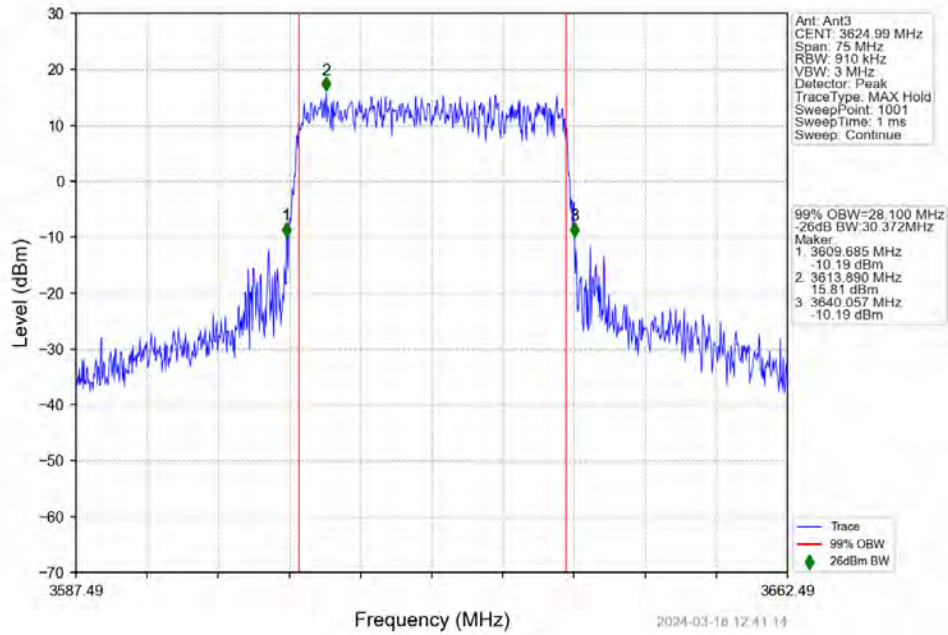
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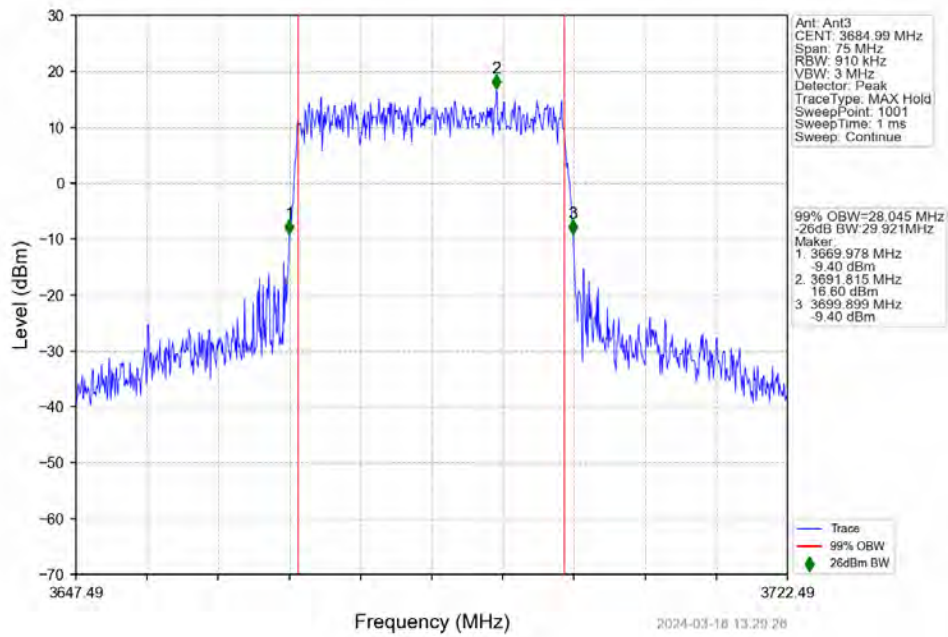
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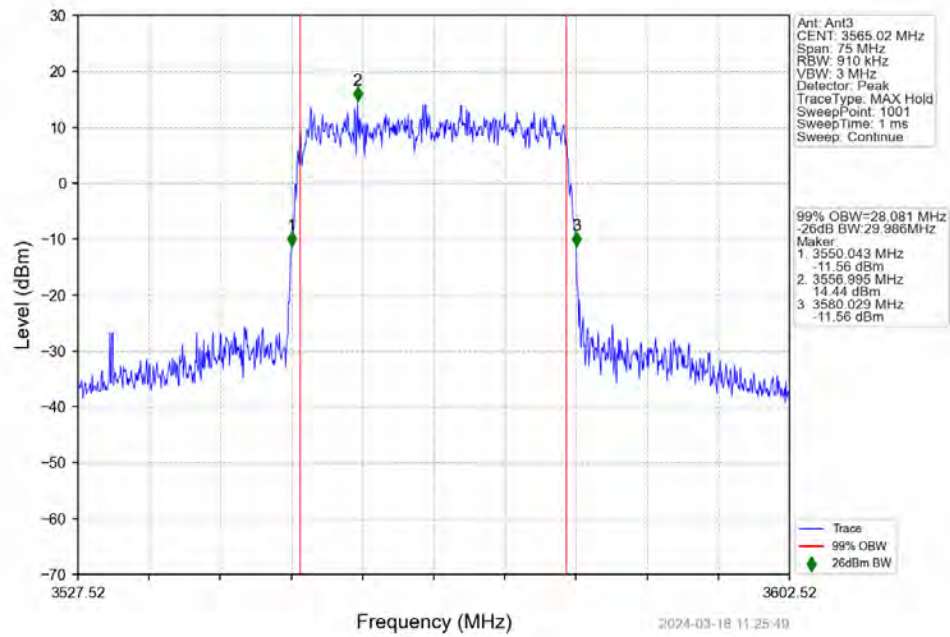
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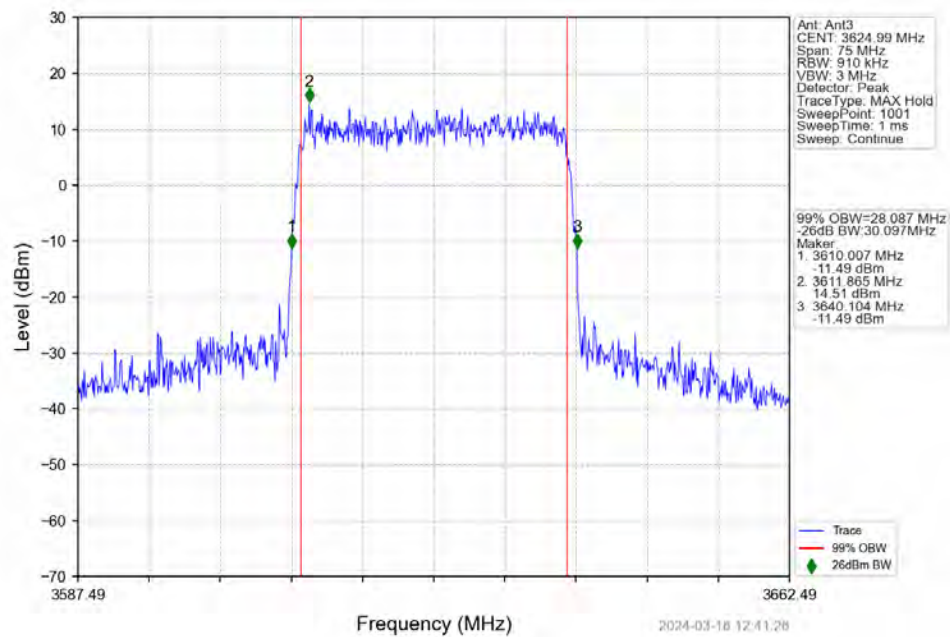
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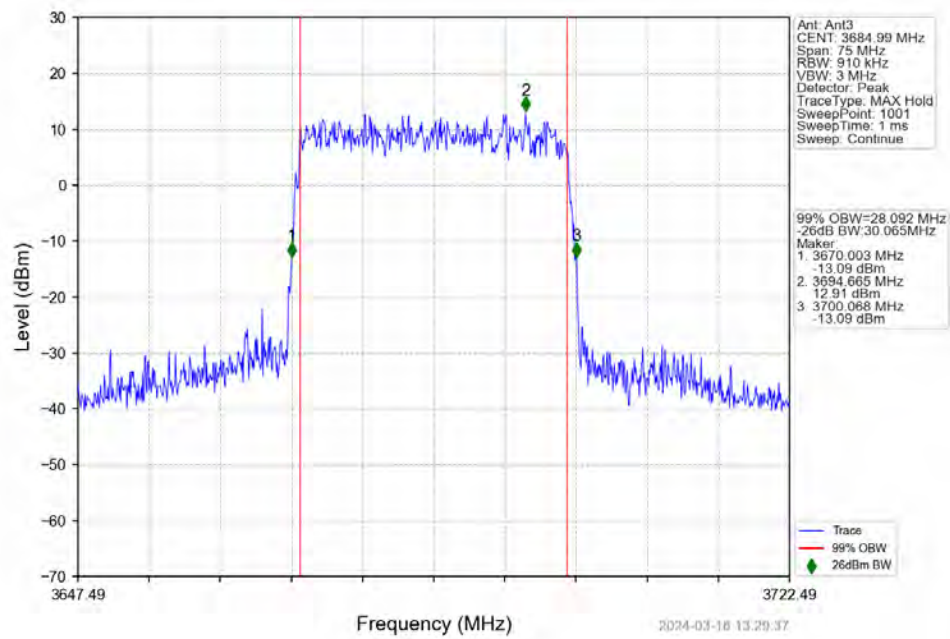


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n48 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3624.99MHz Outer Full



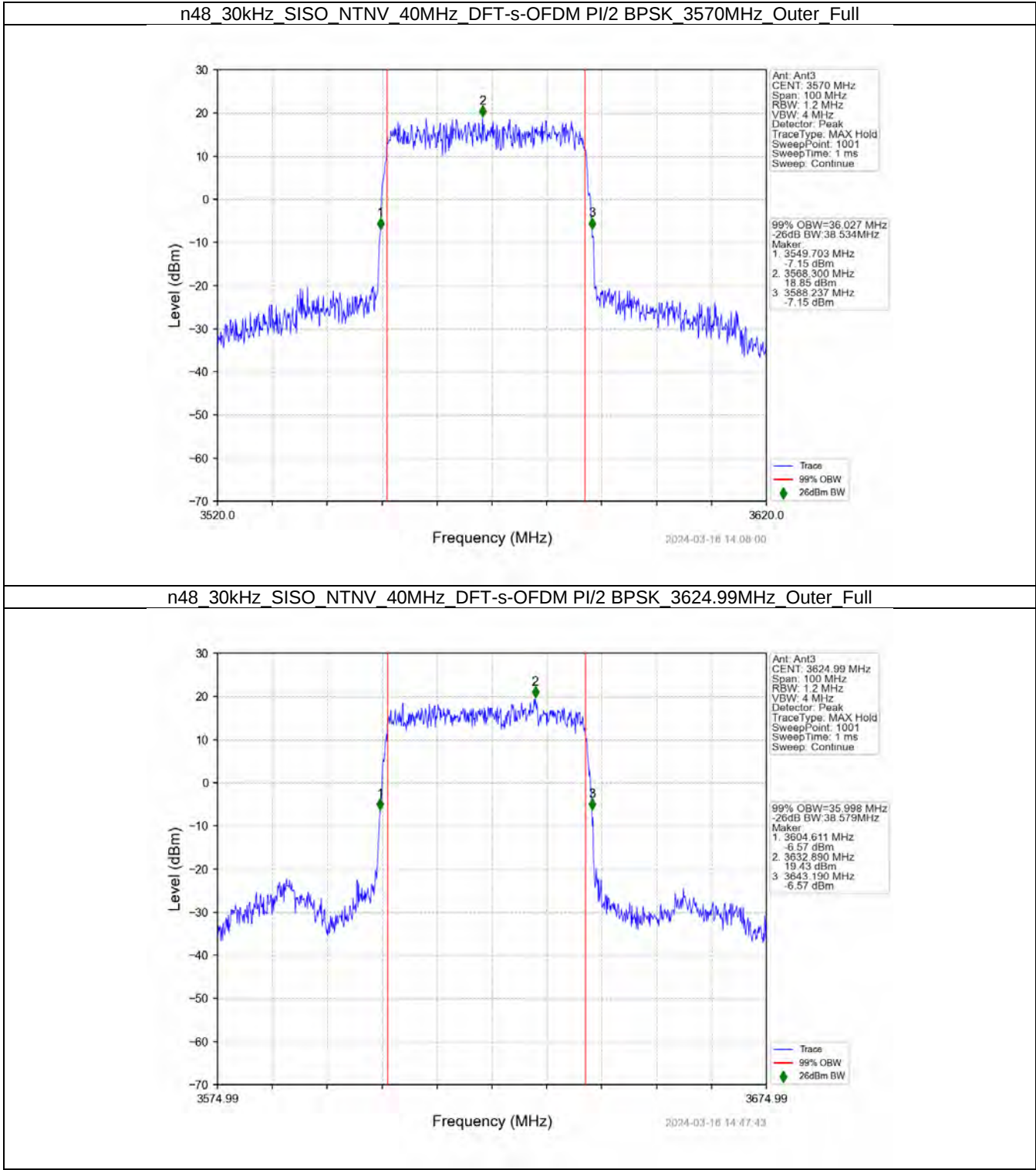


3.3 30k_SISO_40MHz_NTNV

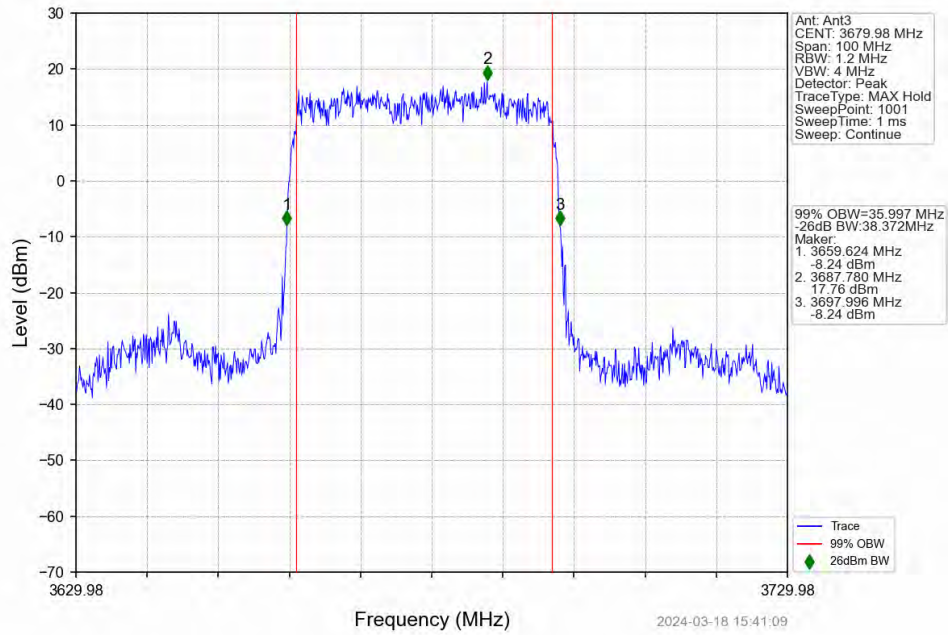
3.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	36.03	38.53	/	Pass
	3624.99	Outer_Full	36.00	38.58	/	Pass
	3679.98	Outer_Full	36.00	38.37	/	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	35.82	38.57	/	Pass
	3624.99	Outer_Full	36.04	38.64	/	Pass
	3679.98	Outer_Full	36.10	38.49	/	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	36.05	38.79	/	Pass
	3624.99	Outer_Full	35.83	38.48	/	Pass
	3679.98	Outer_Full	36.20	38.45	/	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	36.05	38.24	/	Pass
	3624.99	Outer_Full	36.11	38.38	/	Pass
	3679.98	Outer_Full	36.04	38.29	/	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	36.09	38.50	/	Pass
	3624.99	Outer_Full	36.09	38.92	/	Pass
	3679.98	Outer_Full	35.84	38.23	/	Pass
CP-OFDM QPSK	3570	Outer_Full	38.13	40.61	/	Pass
	3624.99	Outer_Full	37.98	40.72	/	Pass
	3679.98	Outer_Full	38.04	40.69	/	Pass
CP-OFDM 16 QAM	3570	Outer_Full	37.84	40.63	/	Pass
	3624.99	Outer_Full	38.02	40.56	/	Pass
	3679.98	Outer_Full	38.04	40.44	/	Pass
CP-OFDM 64 QAM	3570	Outer_Full	38.12	40.47	/	Pass
	3624.99	Outer_Full	38.16	40.50	/	Pass
	3679.98	Outer_Full	38.02	40.39	/	Pass
CP-OFDM 256 QAM	3570	Outer_Full	38.02	40.73	/	Pass
	3624.99	Outer_Full	38.02	40.84	/	Pass
	3679.98	Outer_Full	38.20	40.84	/	Pass

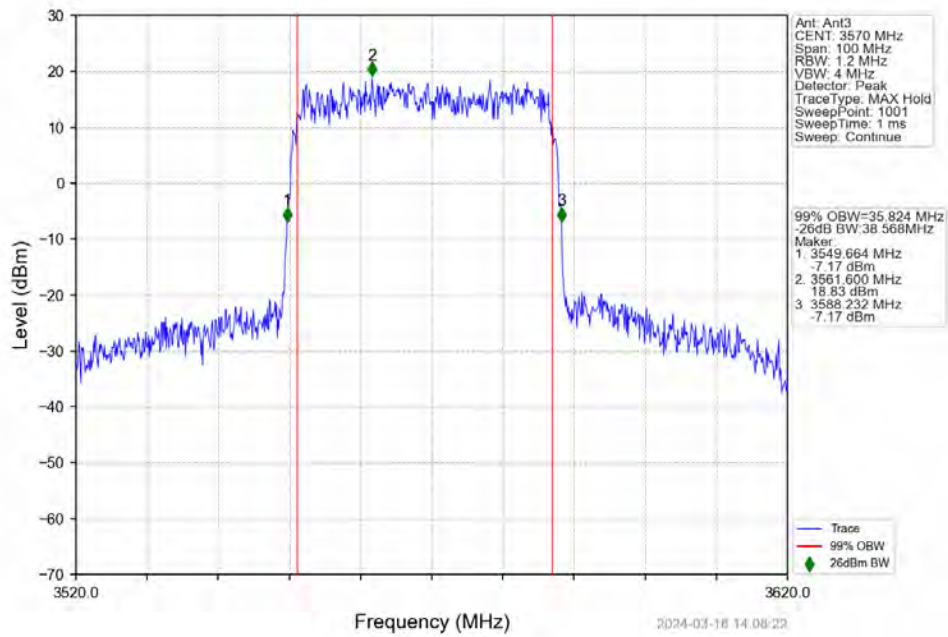
3.3.2 Test Graph



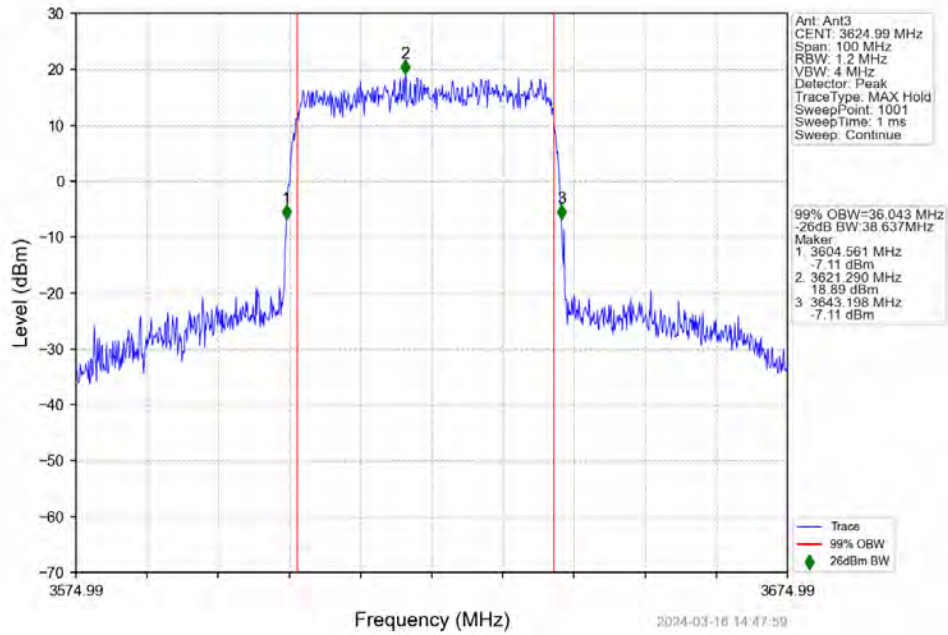
n48 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3679.98MHz Outer Full



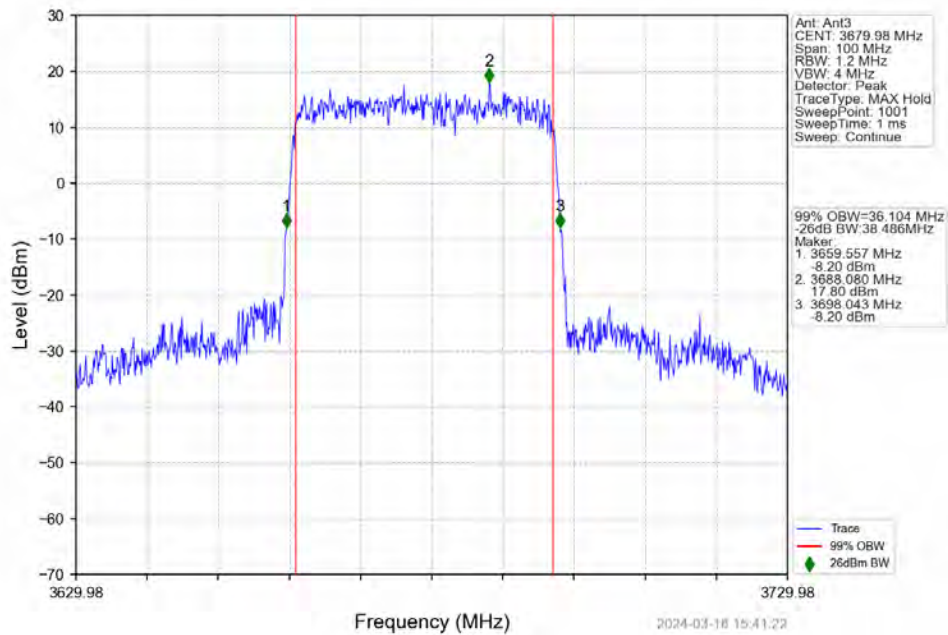
n48 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3570MHz Outer Full



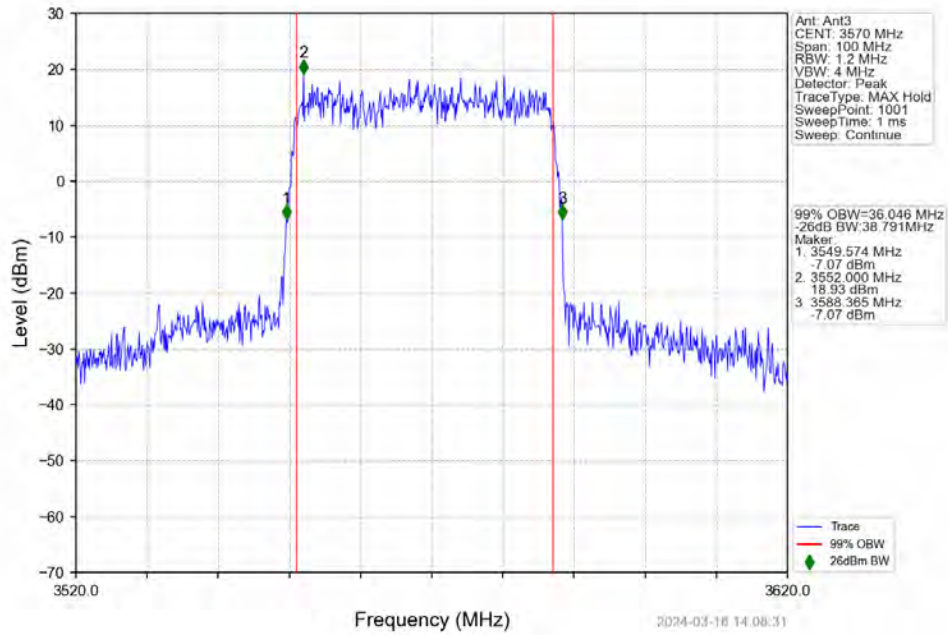
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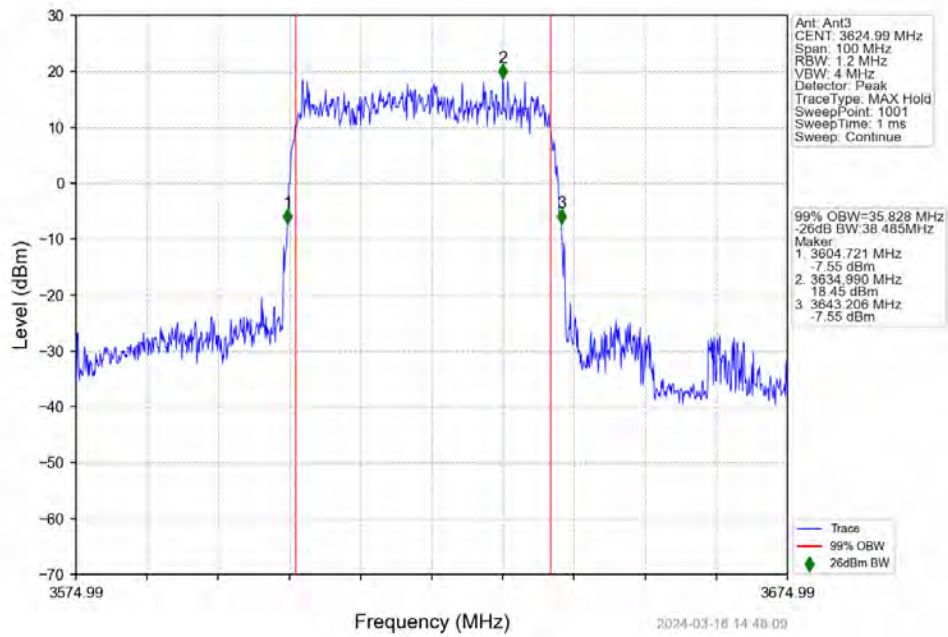
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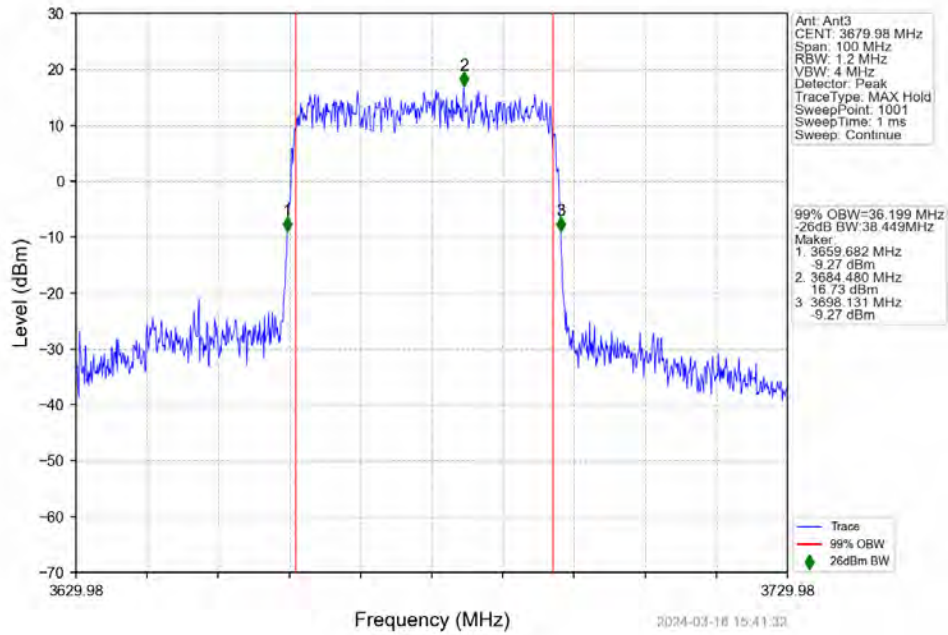
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3570MHz Outer Full



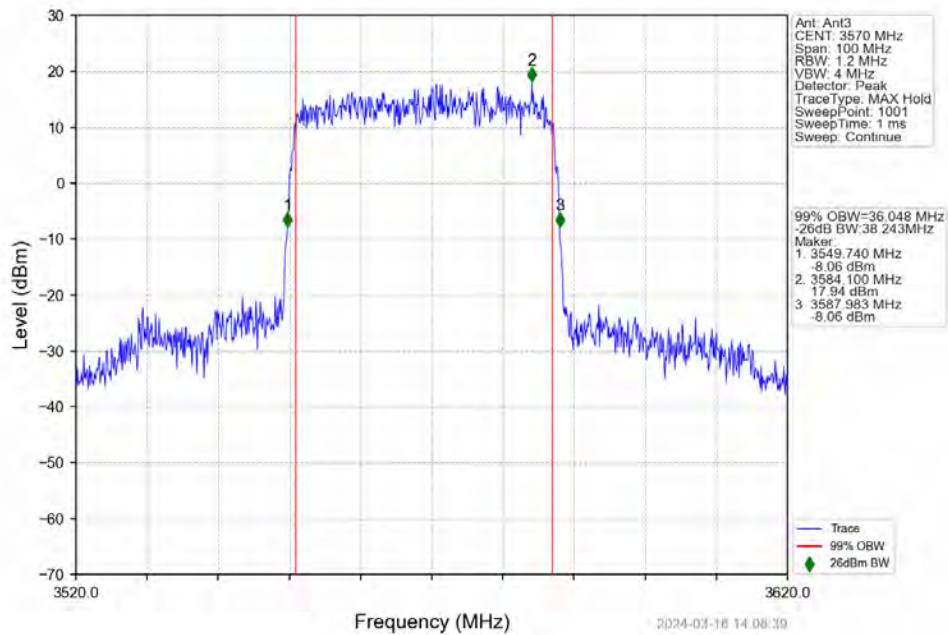
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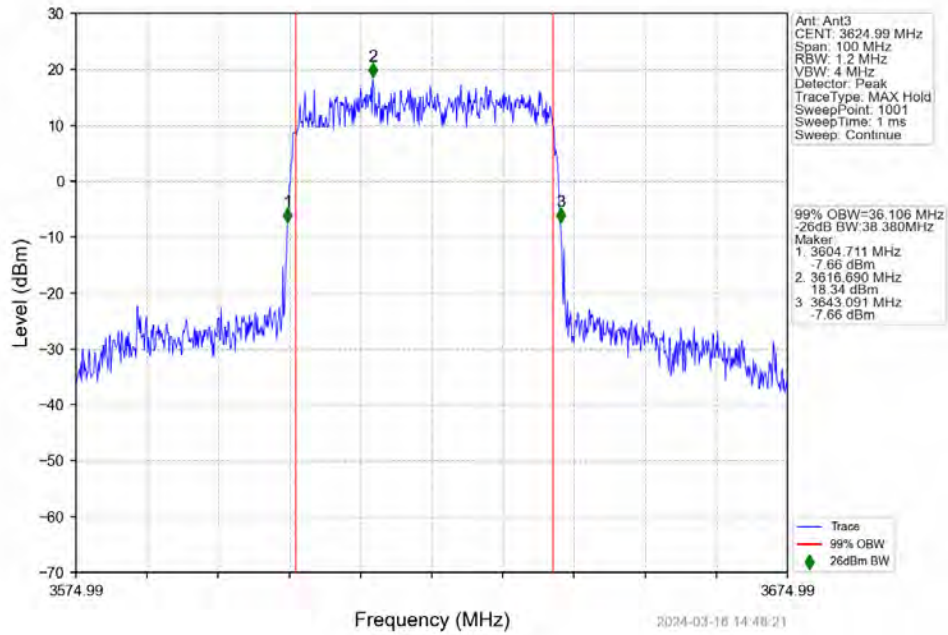
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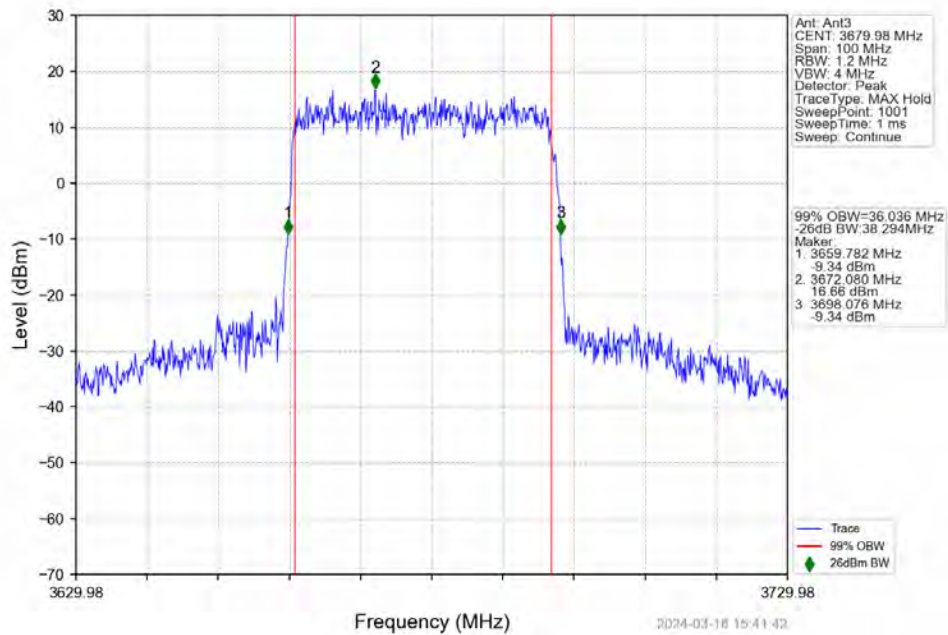
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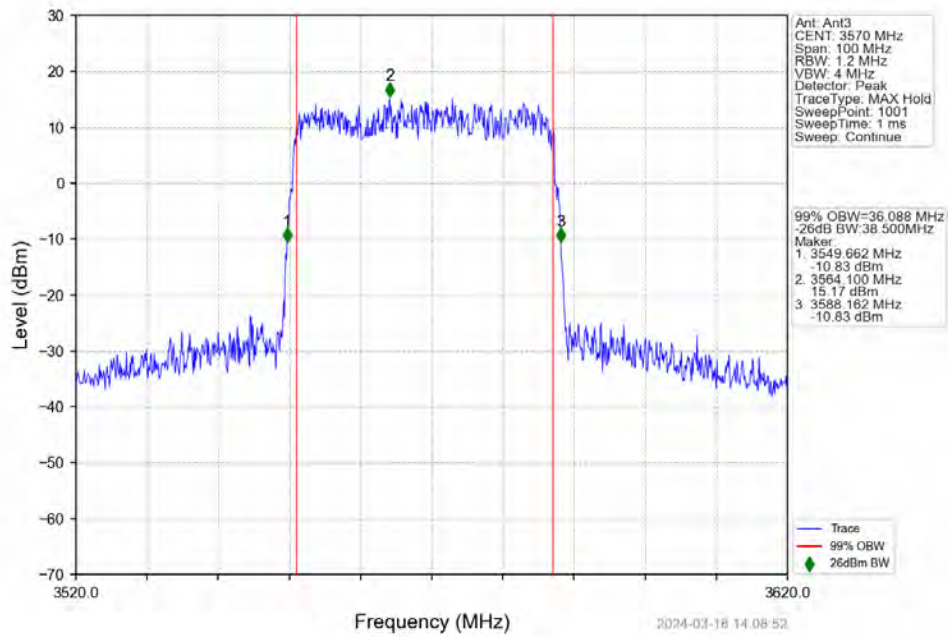
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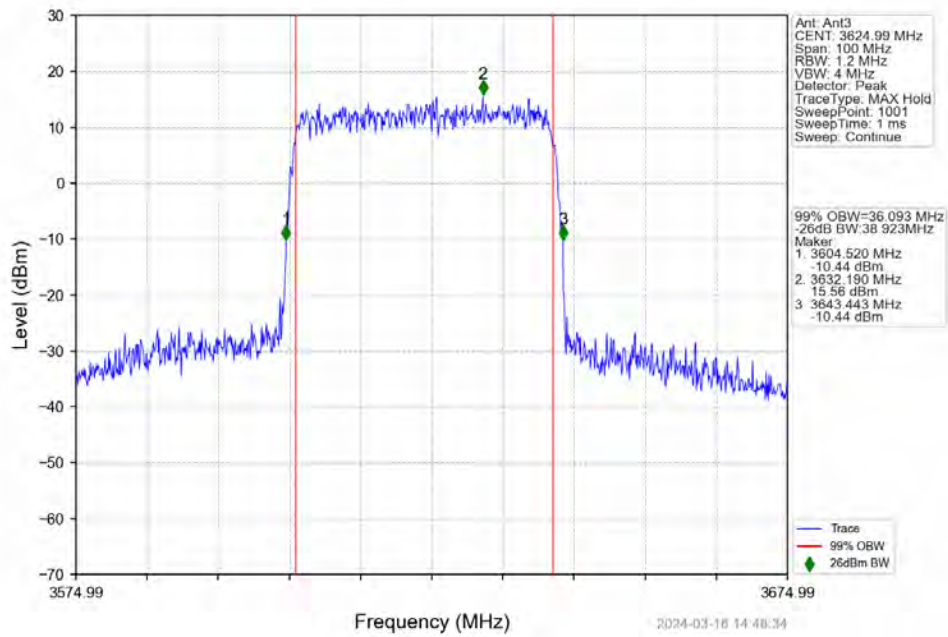
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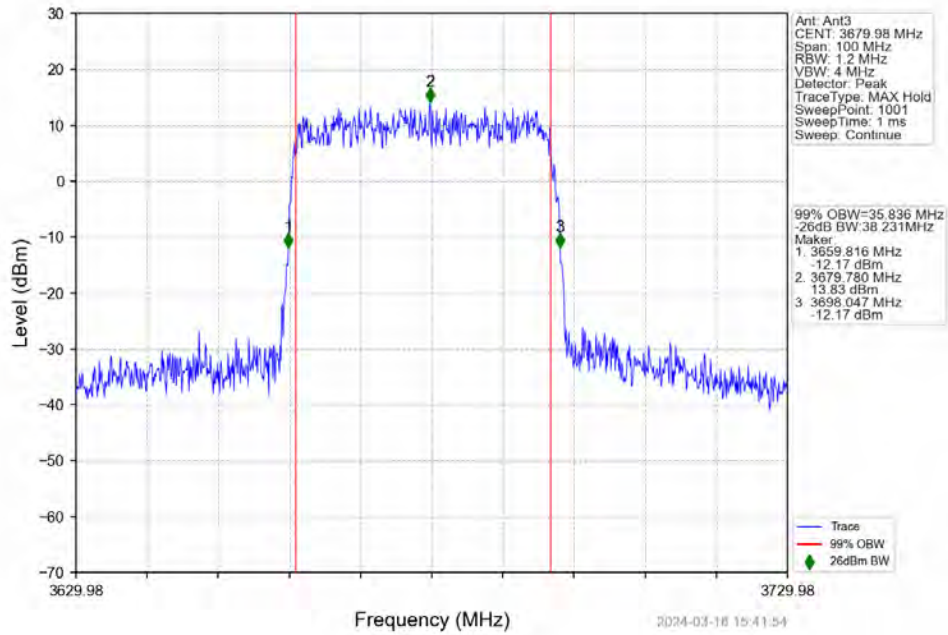
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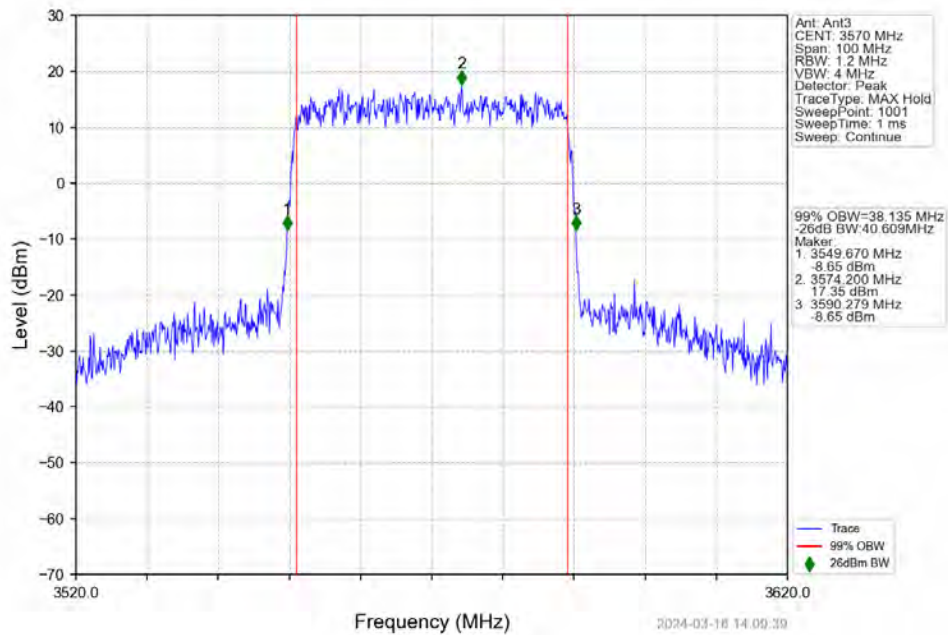
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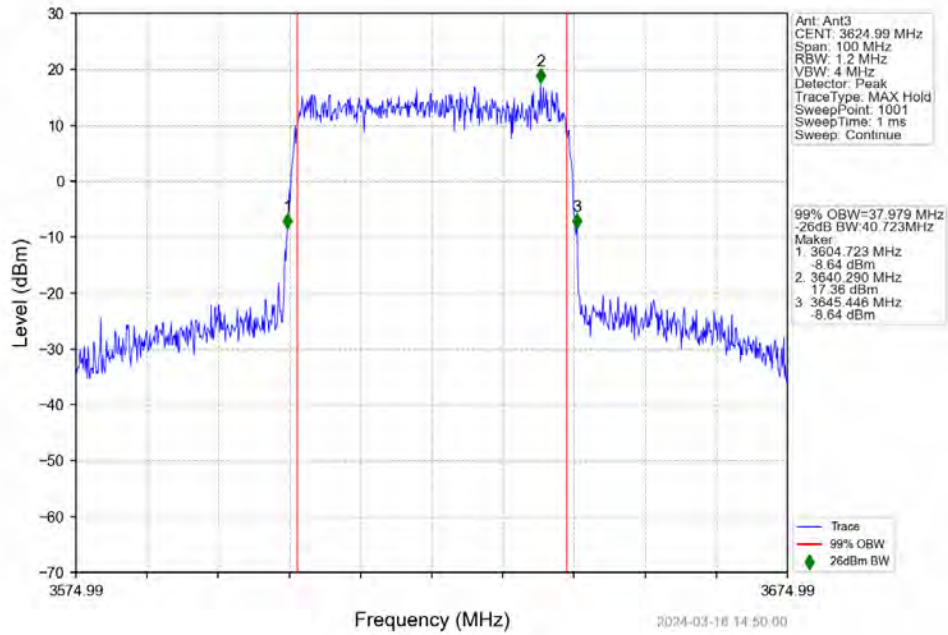
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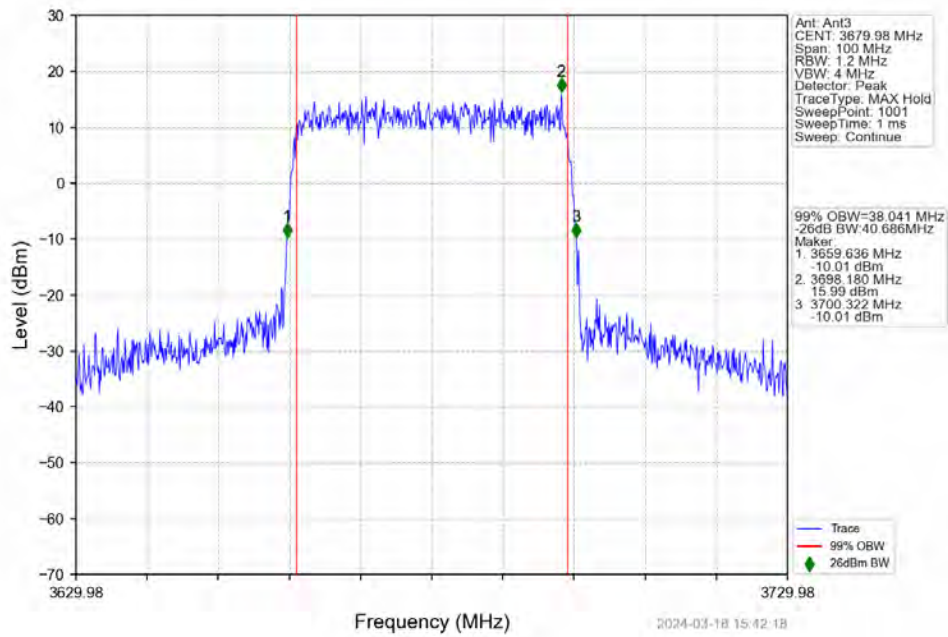
n48 30kHz SISO NTN 40MHz CP-OFDM QPSK 3570MHz Outer Full



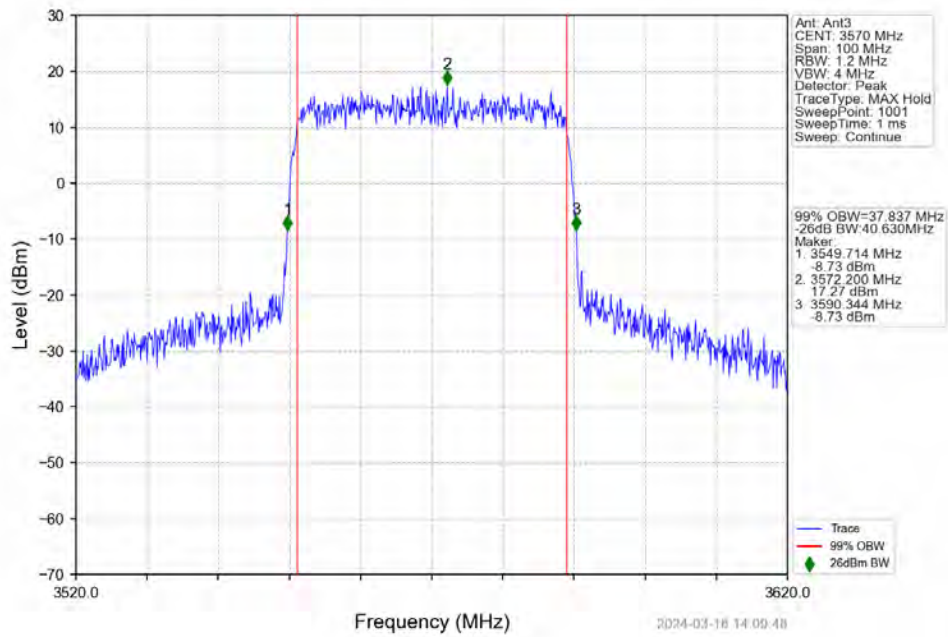
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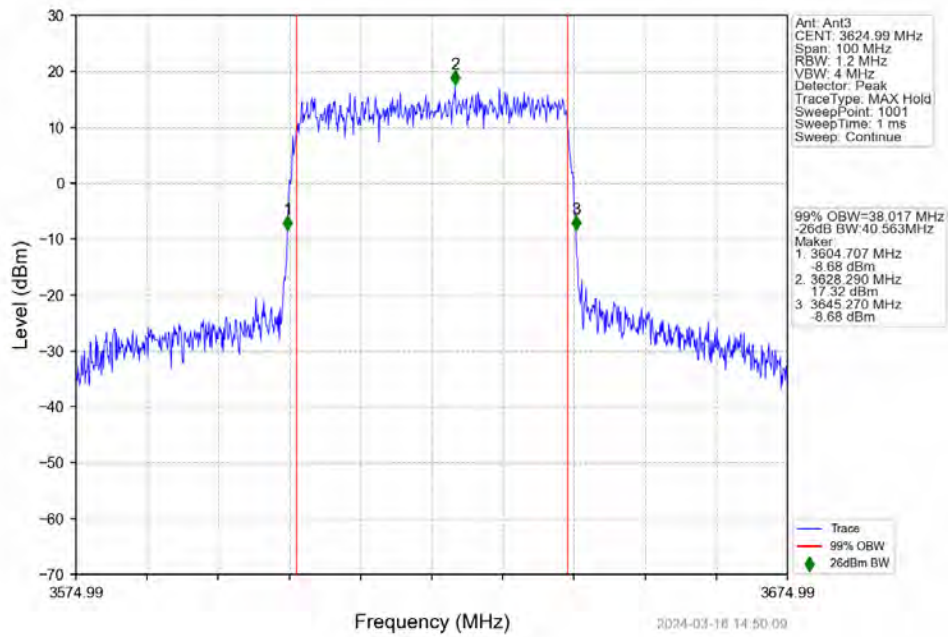
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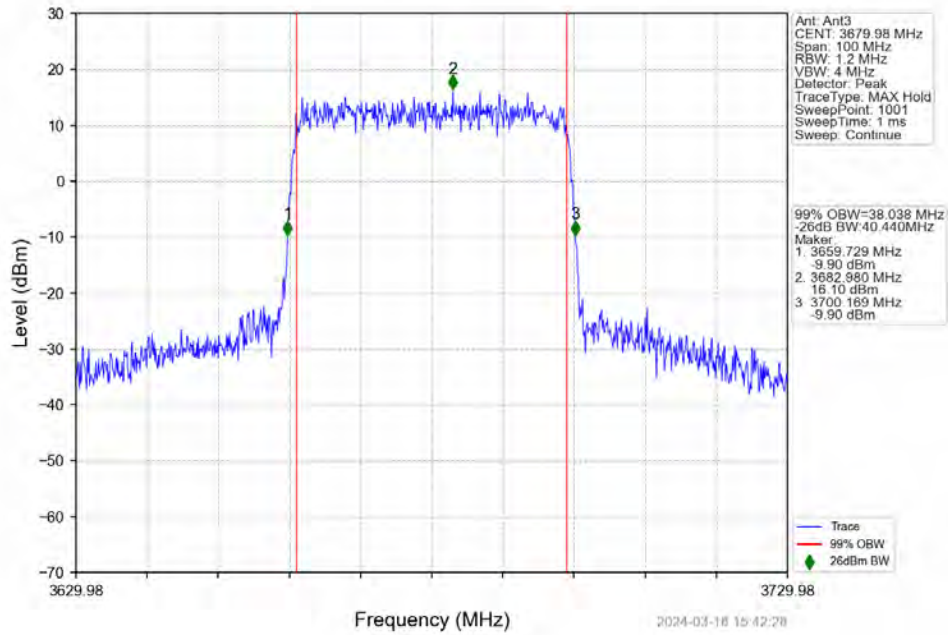
n48 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3570MHz Outer Full



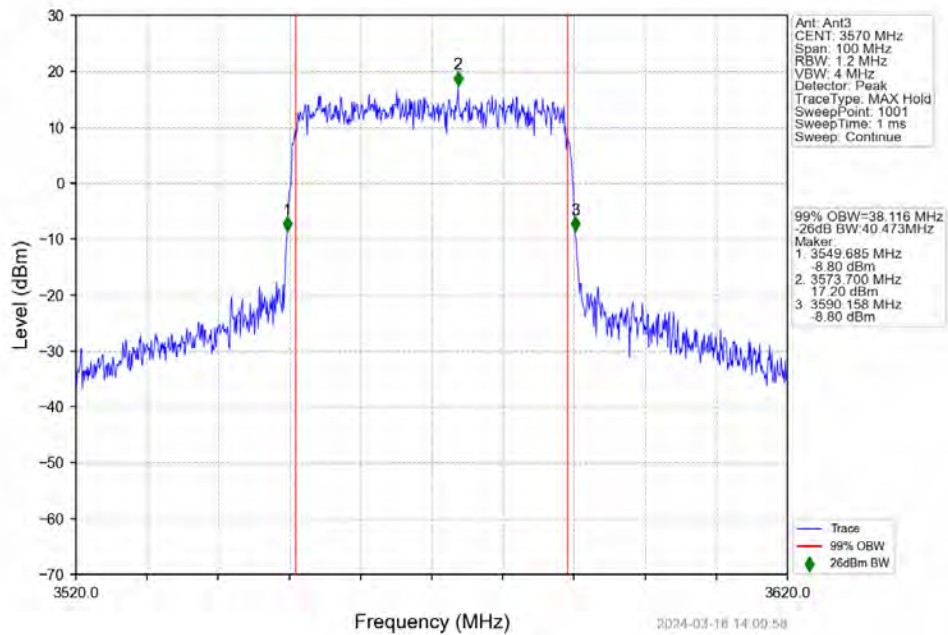
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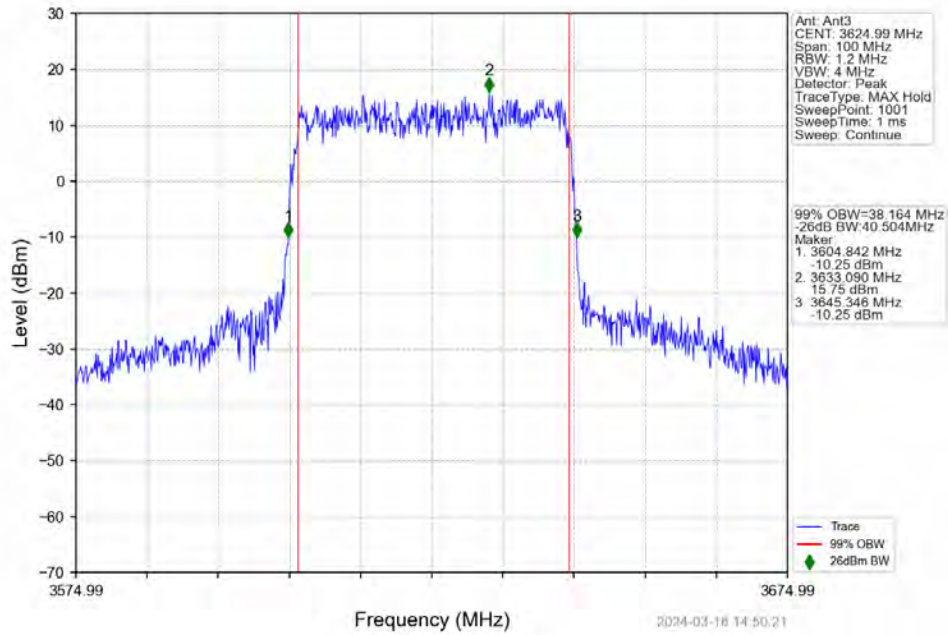
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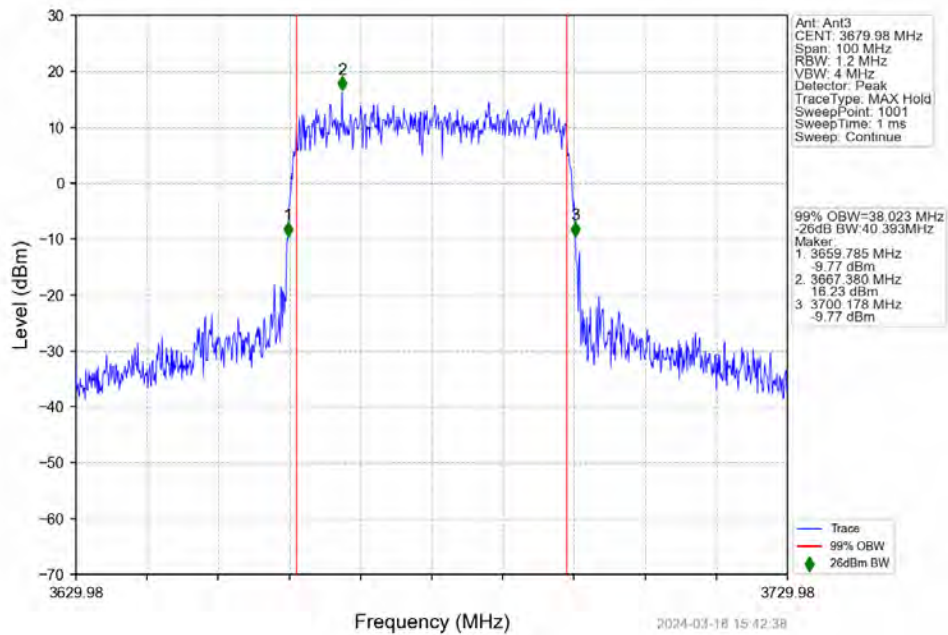
n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3570MHz Outer Full



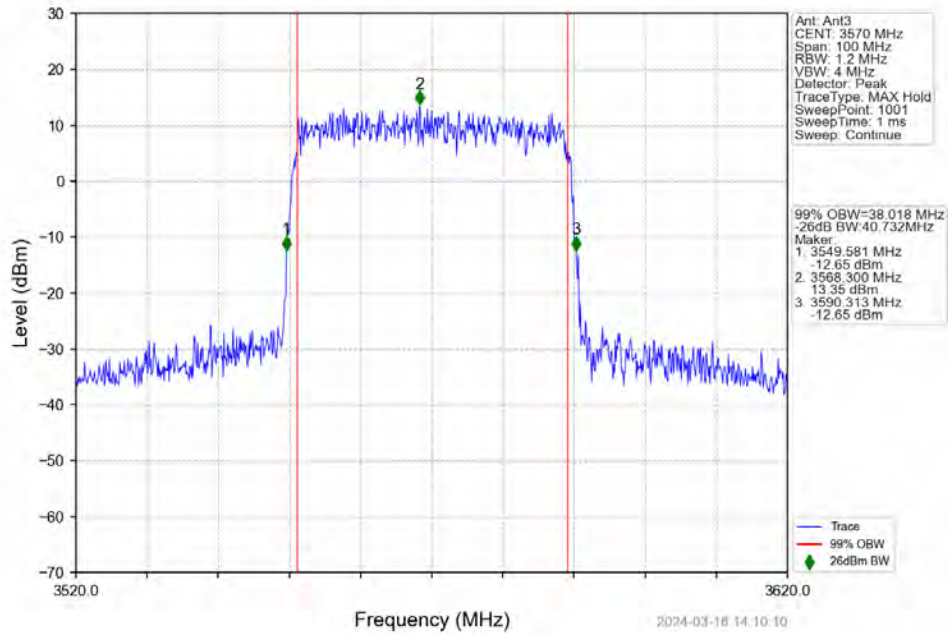
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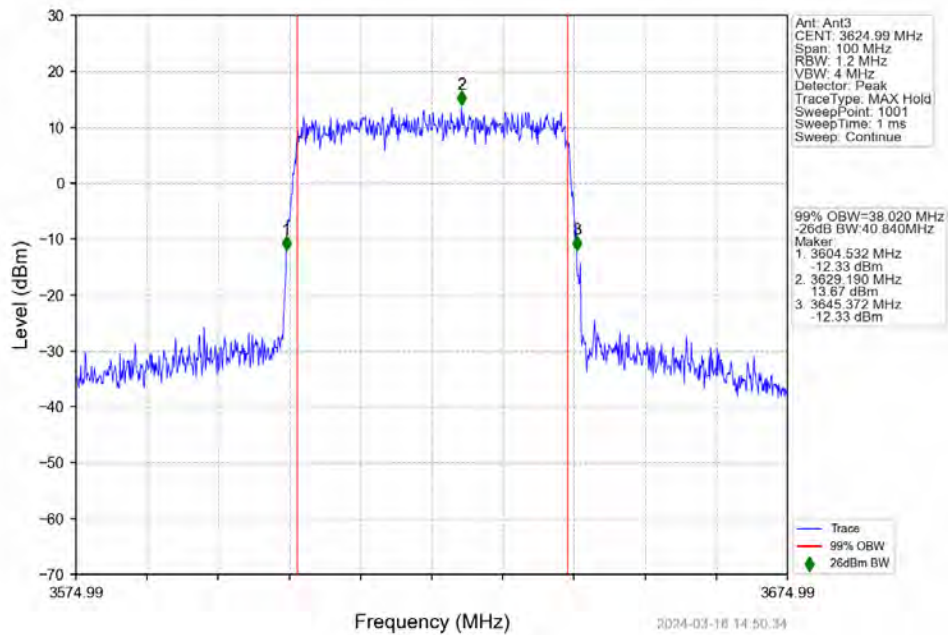
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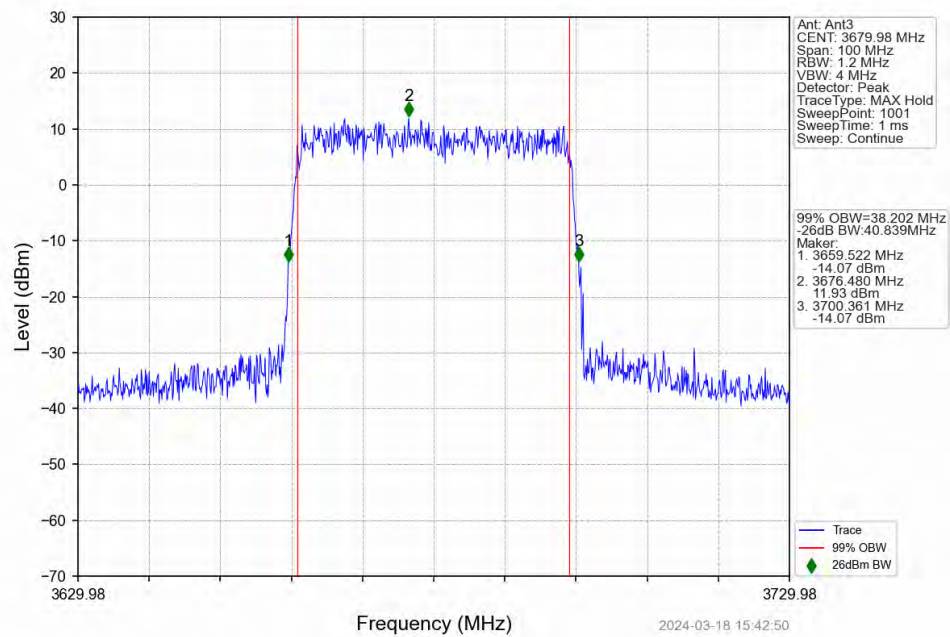


n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3570MHz Outer Full



n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3624.99MHz Outer Full





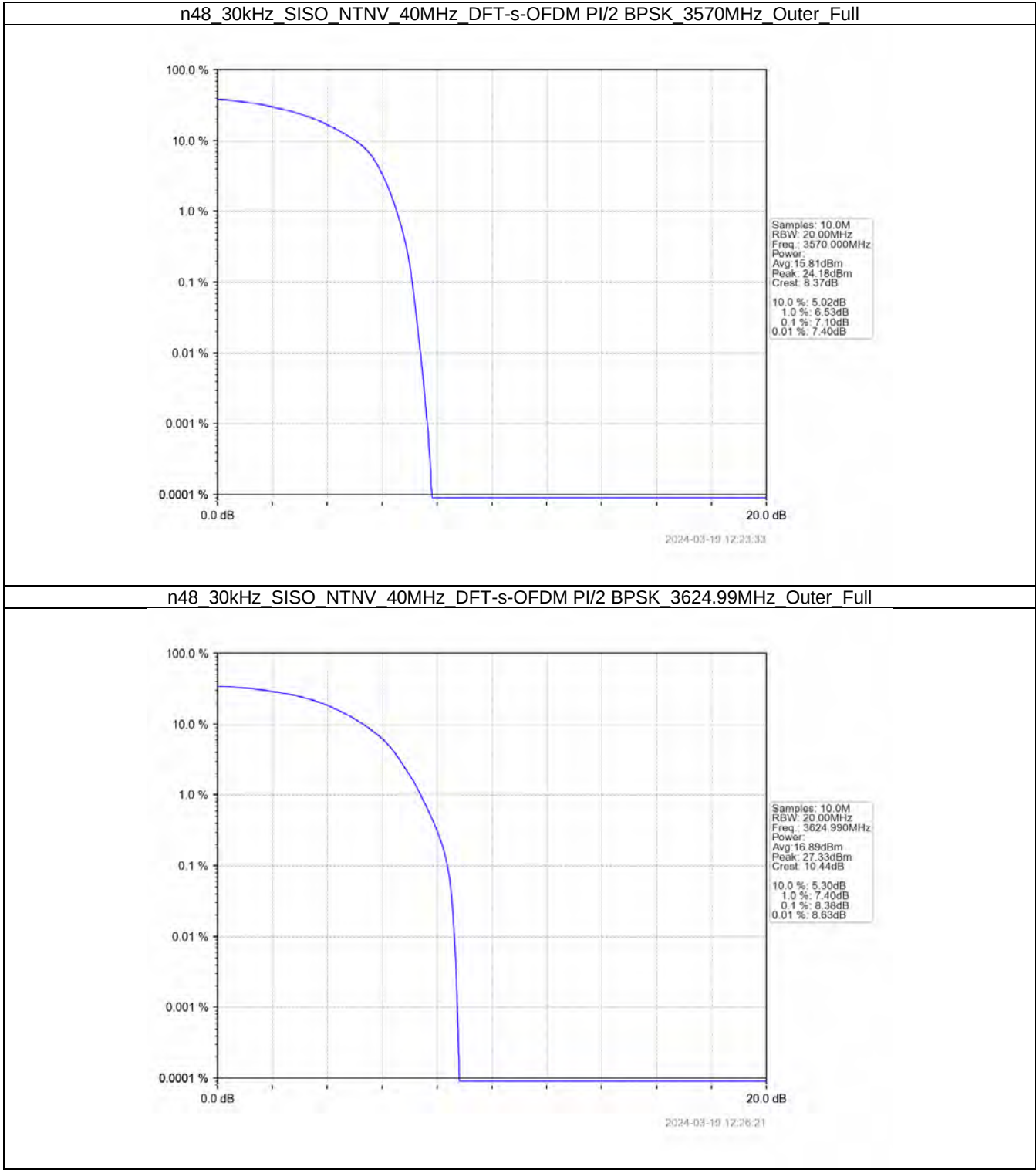
4. Peak-Average Ratio

4.1 30k_SISO_40MHz_NTNV

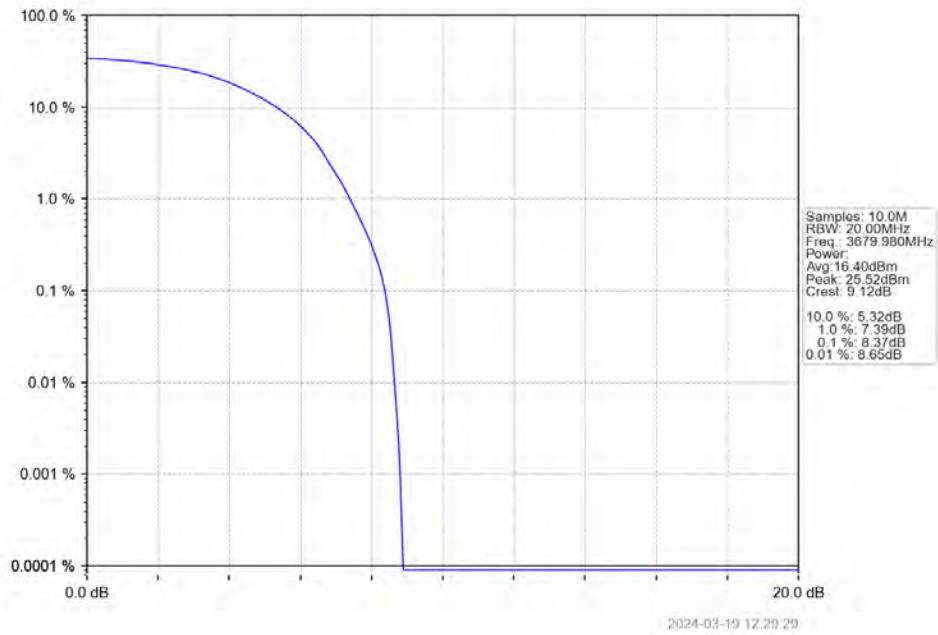
4.1.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	7.10	/	/	<=13	Pass
	3624.99	Outer_Full	8.38	/	/	<=13	Pass
	3679.98	Outer_Full	8.37	/	/	<=13	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	9.01	/	/	<=13	Pass
	3624.99	Outer_Full	8.88	/	/	<=13	Pass
	3679.98	Outer_Full	8.88	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	10.23	/	/	<=13	Pass
	3624.99	Outer_Full	10.06	/	/	<=13	Pass
	3679.98	Outer_Full	10.29	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	10.31	/	/	<=13	Pass
	3624.99	Outer_Full	10.74	/	/	<=13	Pass
	3679.98	Outer_Full	10.16	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	10.21	/	/	<=13	Pass
	3624.99	Outer_Full	10.43	/	/	<=13	Pass
	3679.98	Outer_Full	10.26	/	/	<=13	Pass
CP-OFDM QPSK	3570	Outer_Full	11.47	/	/	<=13	Pass
	3624.99	Outer_Full	11.42	/	/	<=13	Pass
	3679.98	Outer_Full	11.42	/	/	<=13	Pass
CP-OFDM 16 QAM	3570	Outer_Full	10.85	/	/	<=13	Pass
	3624.99	Outer_Full	11.79	/	/	<=13	Pass
	3679.98	Outer_Full	11.60	/	/	<=13	Pass
CP-OFDM 64 QAM	3570	Outer_Full	11.48	/	/	<=13	Pass
	3624.99	Outer_Full	11.71	/	/	<=13	Pass
	3679.98	Outer_Full	11.58	/	/	<=13	Pass
CP-OFDM 256 QAM	3570	Outer_Full	11.65	/	/	<=13	Pass
	3624.99	Outer_Full	11.73	/	/	<=13	Pass
	3679.98	Outer_Full	11.66	/	/	<=13	Pass

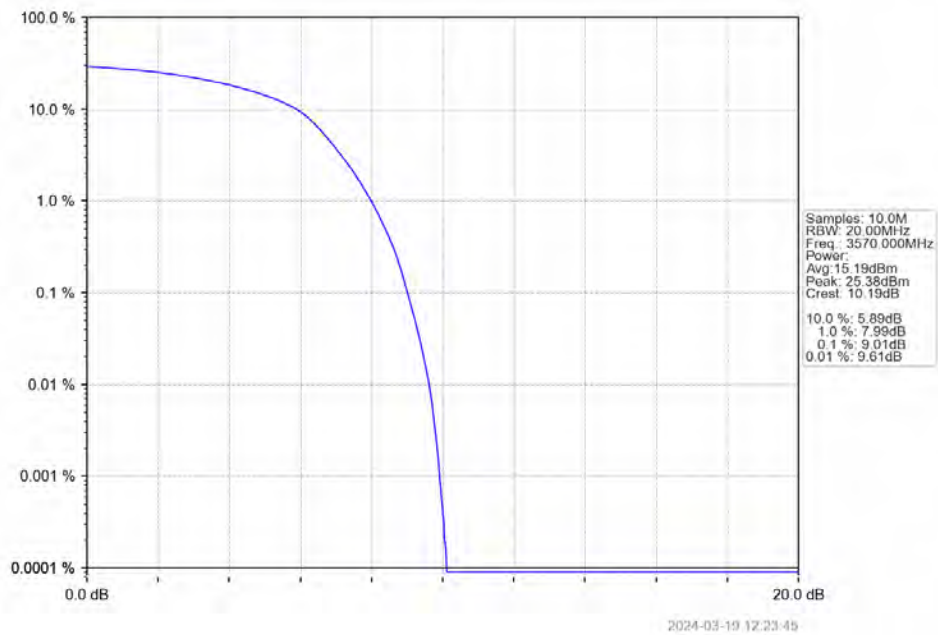
4.3.2 Test Graph



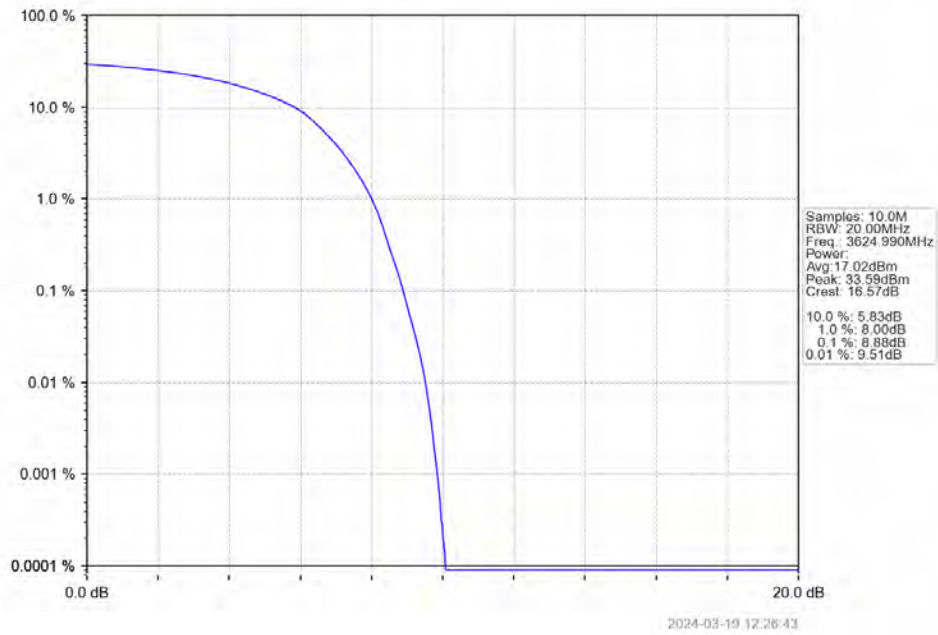
n48 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3679.98MHz Outer Full



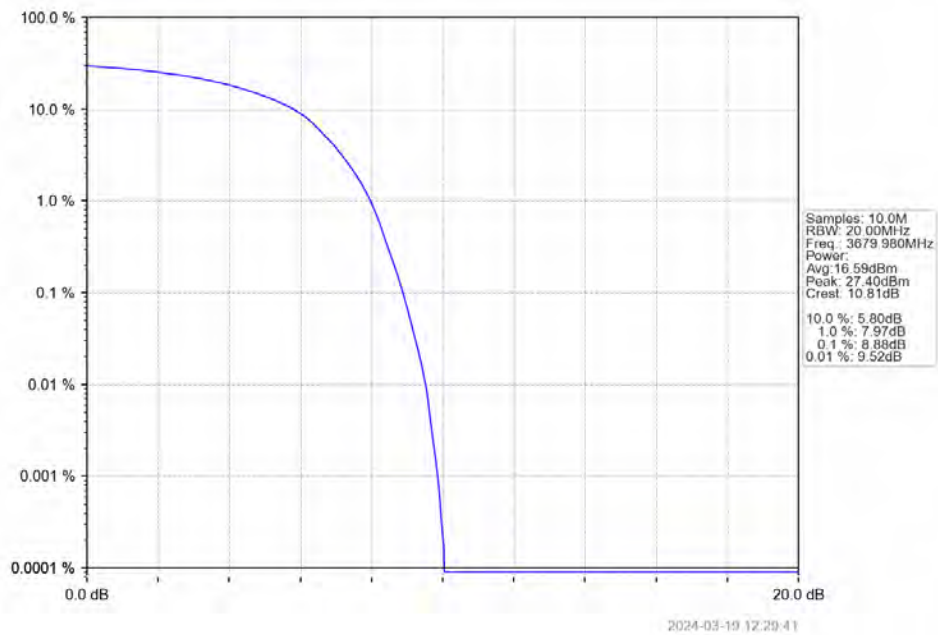
n48 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3570MHz Outer Full



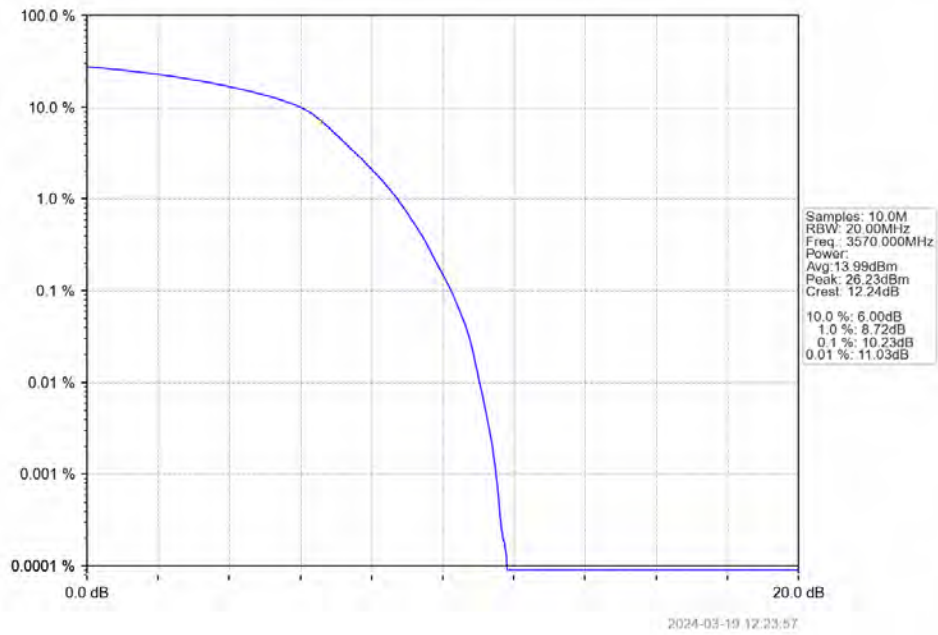
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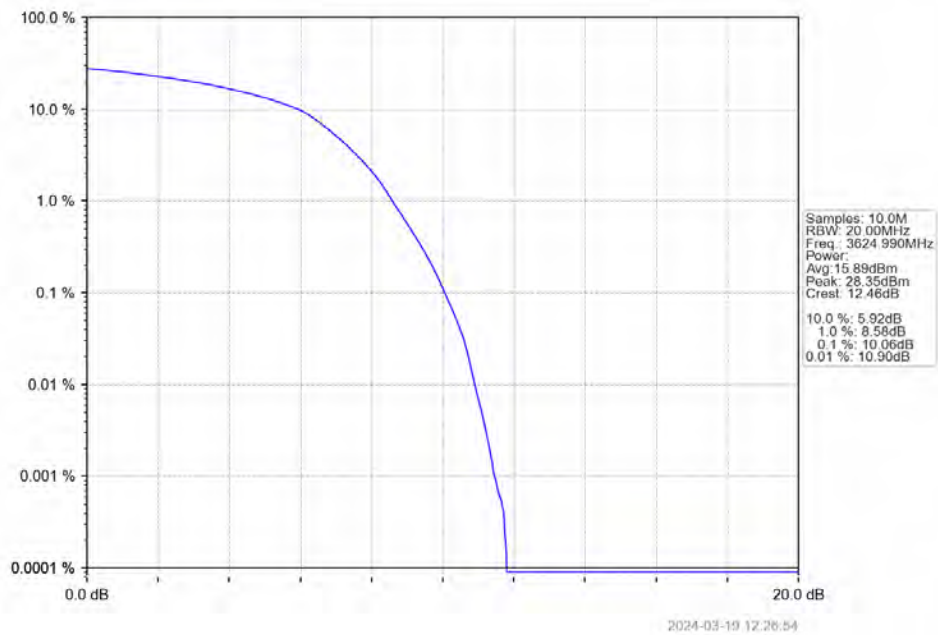
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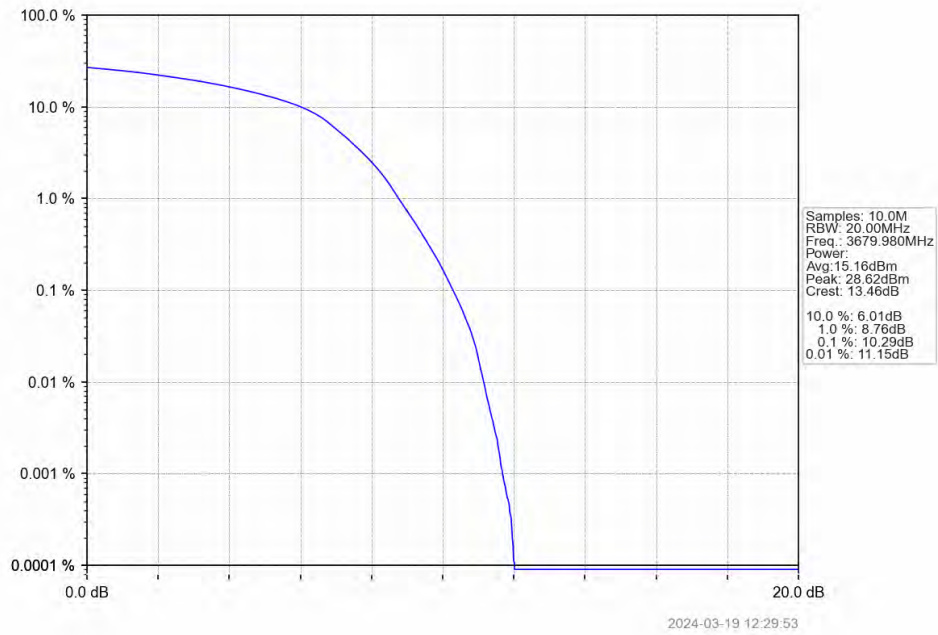
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3570MHz Outer Full



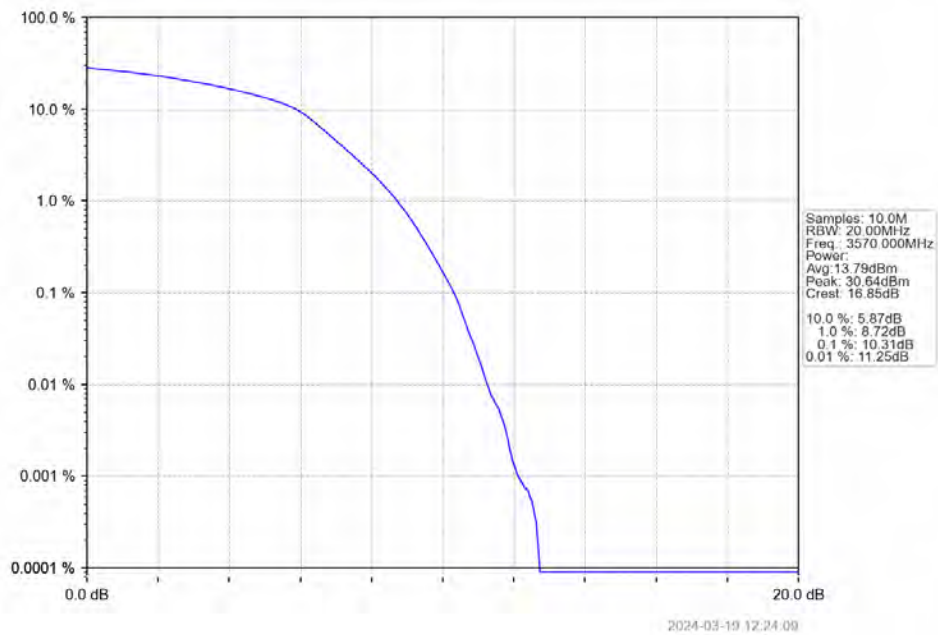
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3624.99MHz Outer Full



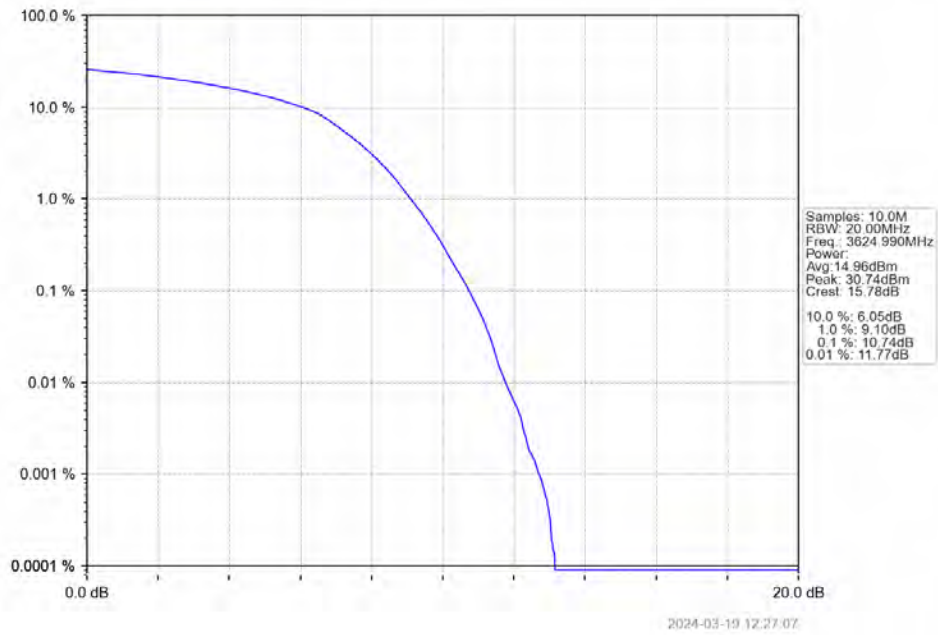
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3679.98MHz Outer Full



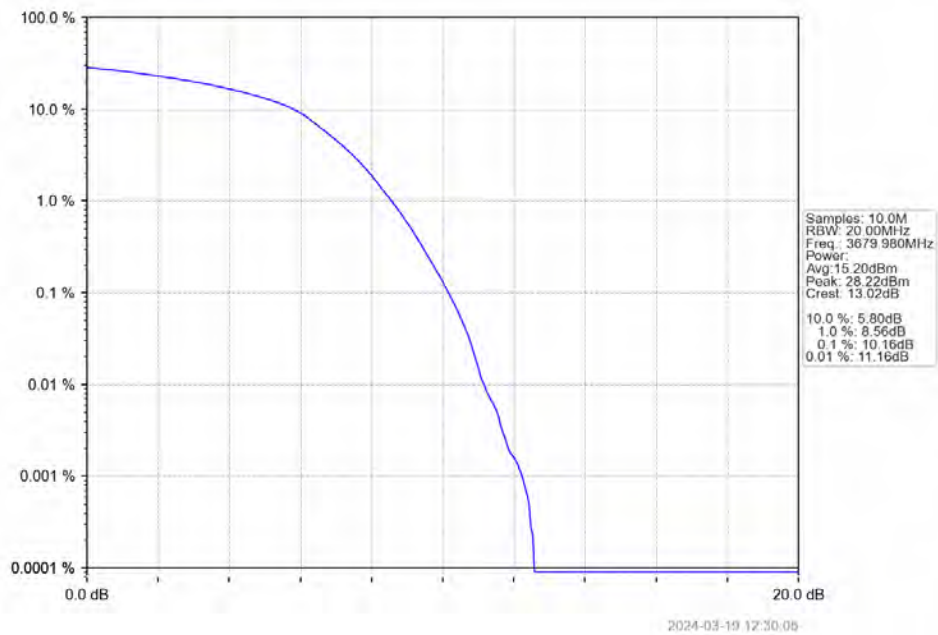
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3570MHz Outer Full



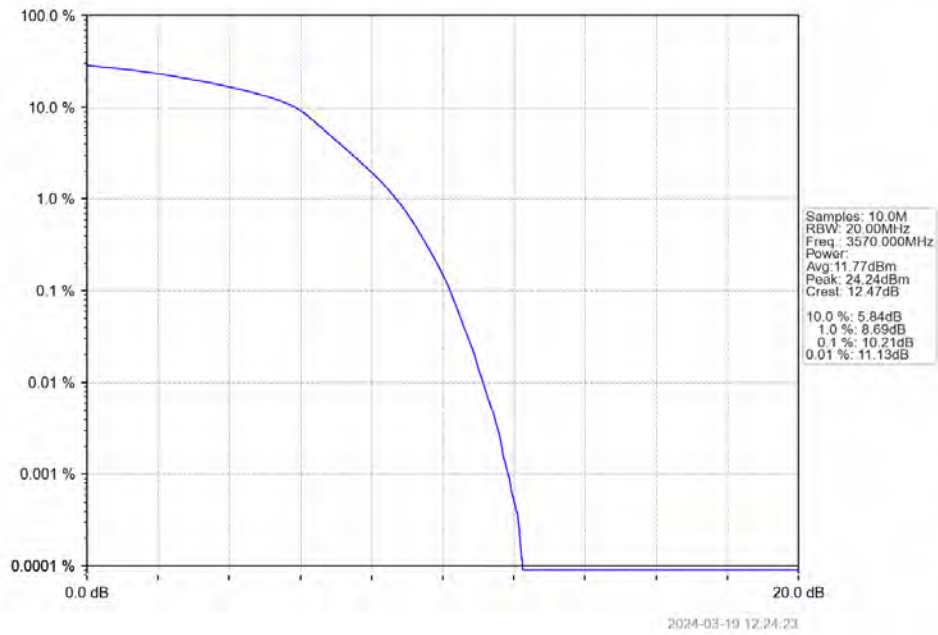
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3624.99MHz Outer Full



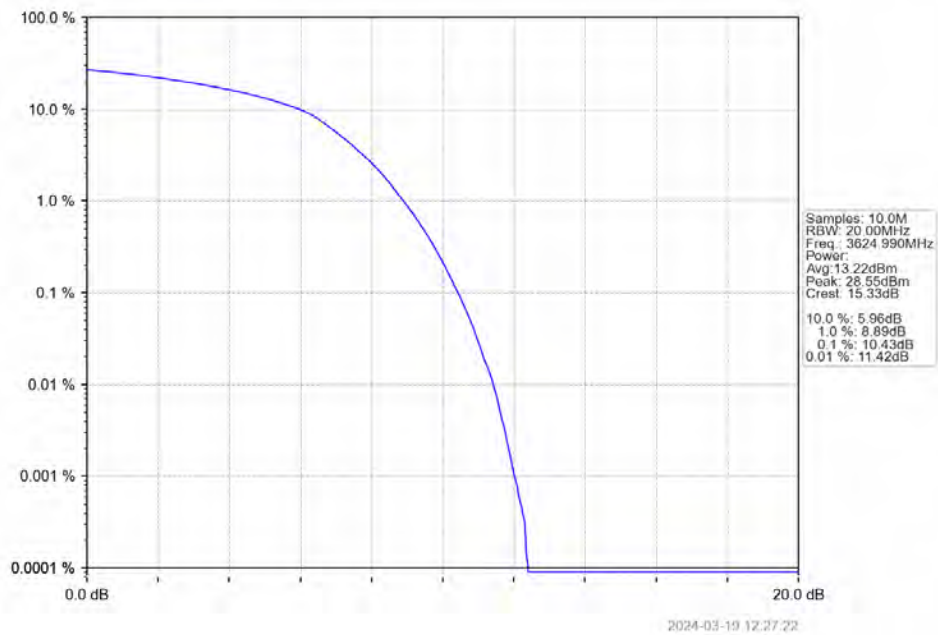
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3679.98MHz Outer Full



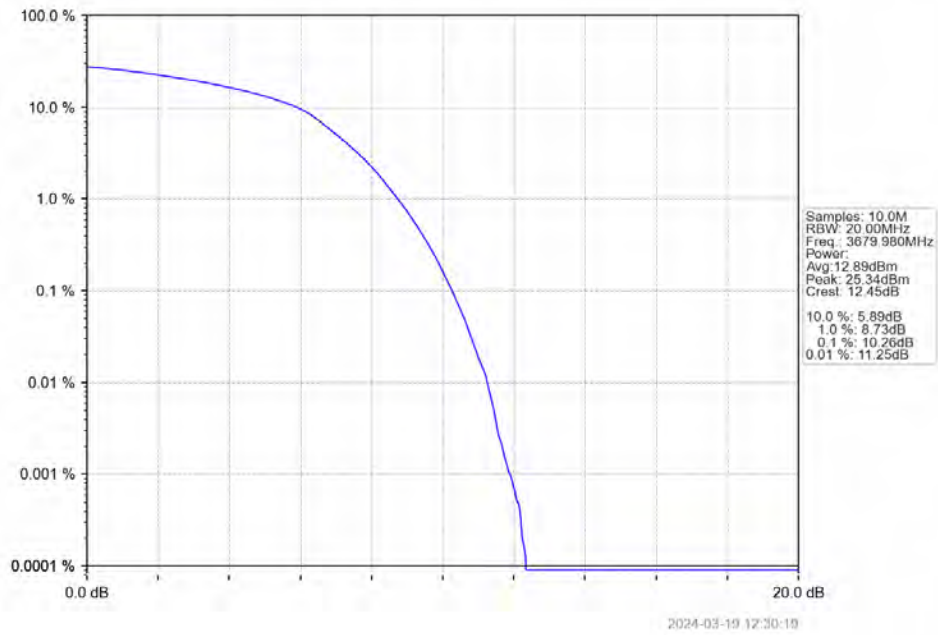
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3570MHz Outer Full



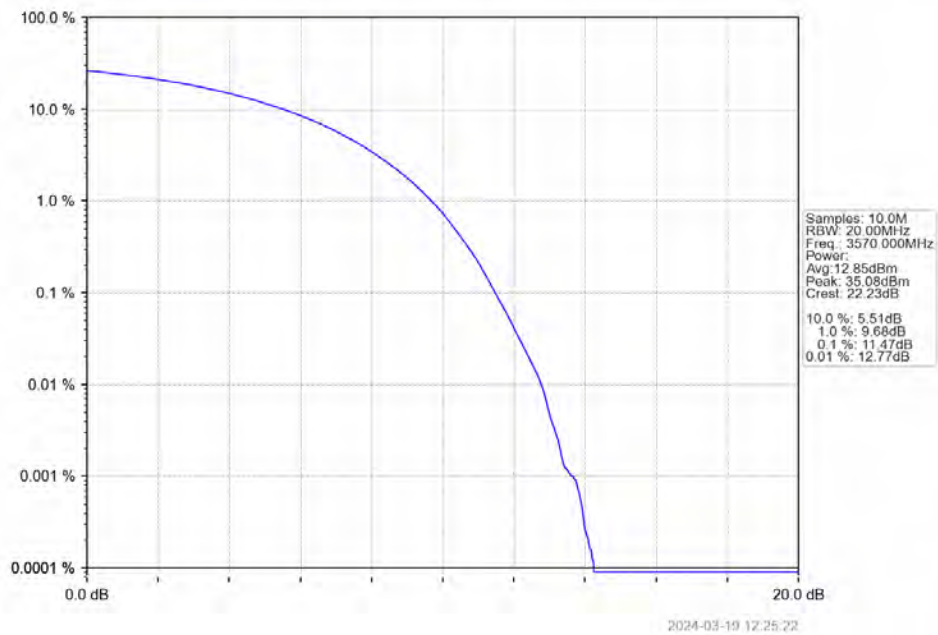
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full



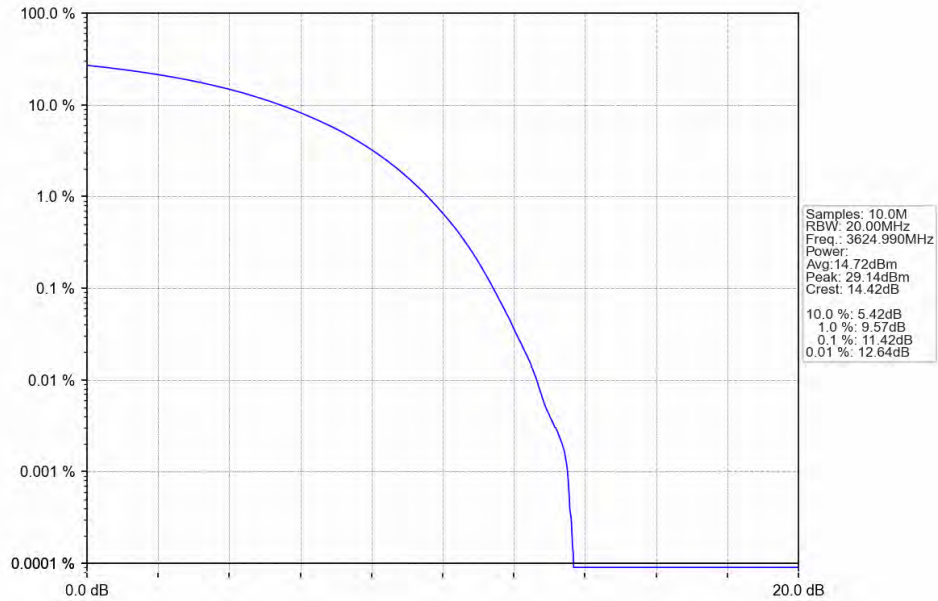
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3679.98MHz Outer Full



n48 30kHz SISO NTN 40MHz CP-OFDM QPSK 3570MHz Outer Full

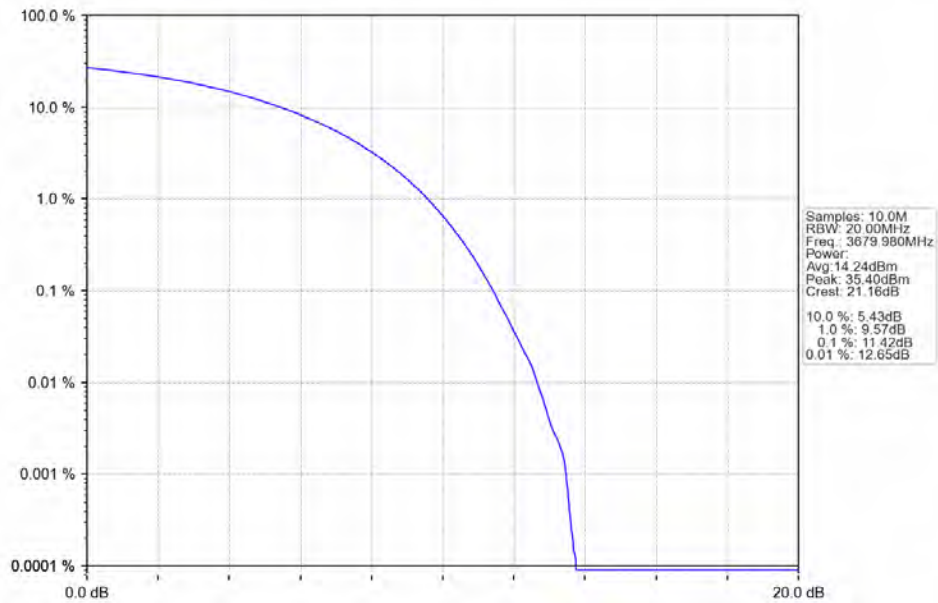


n48 30kHz SISO NTN 40MHz CP-OFDM QPSK 3624.99MHz Outer Full



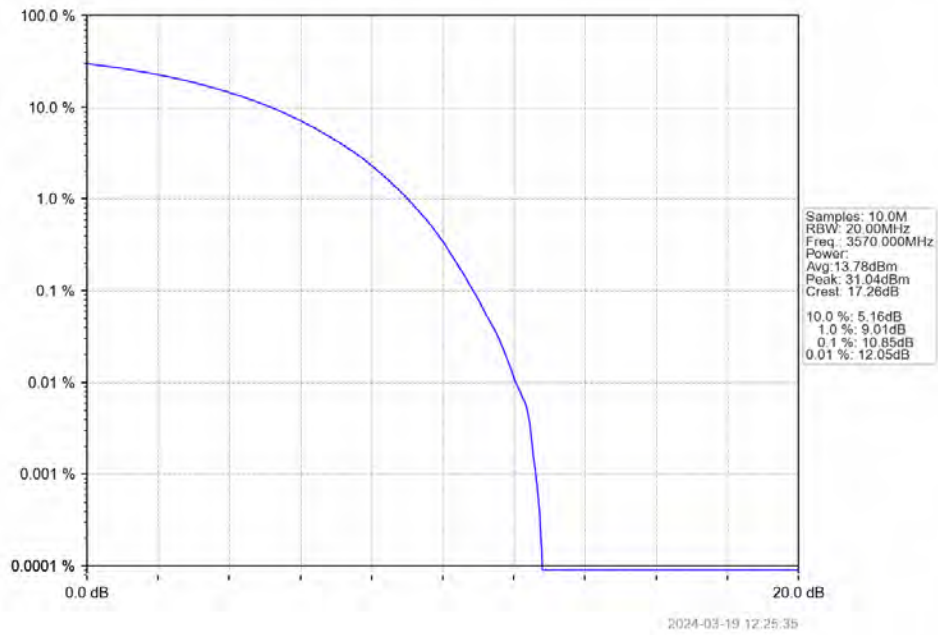
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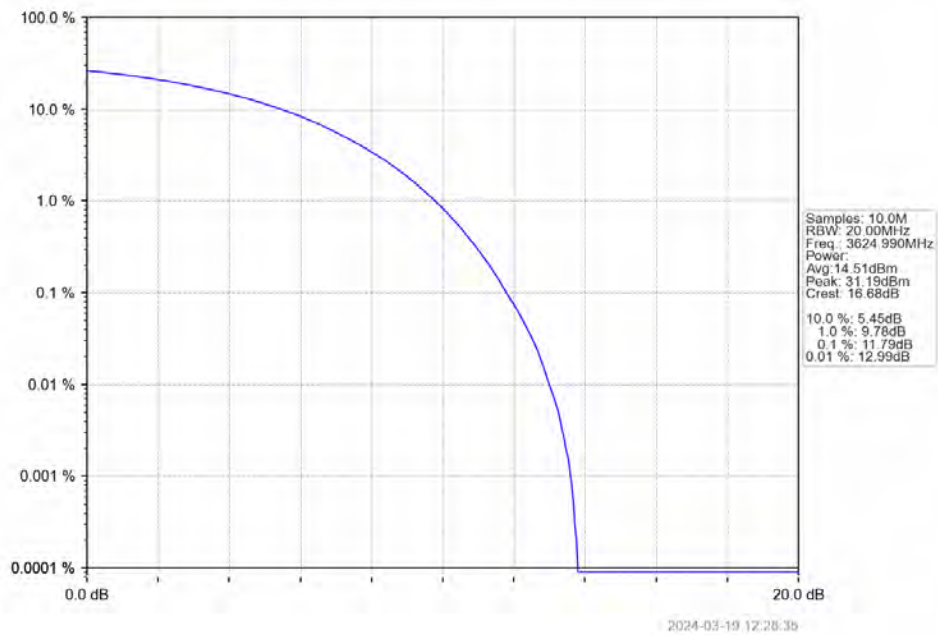


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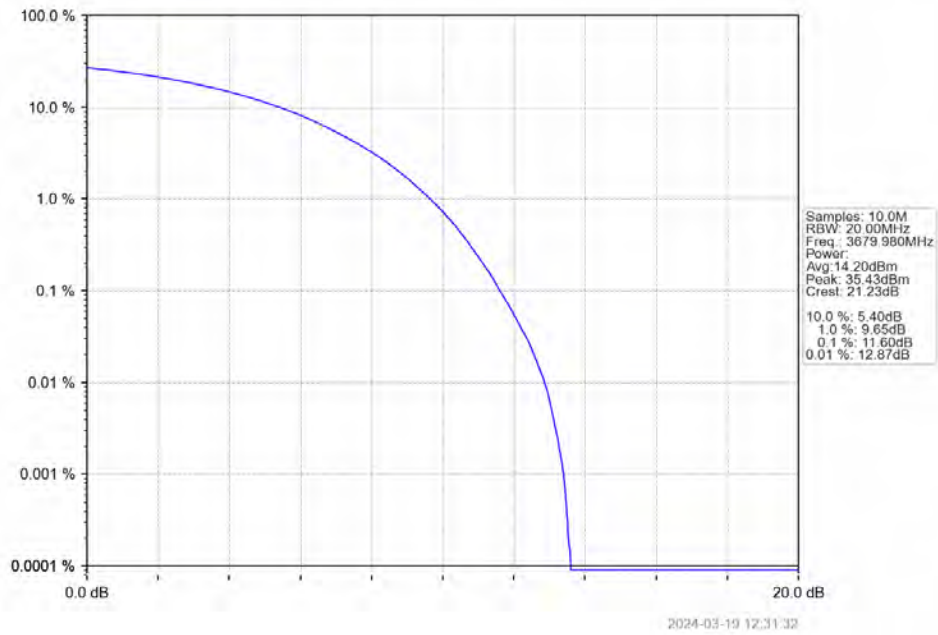
n48 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3570MHz Outer Full



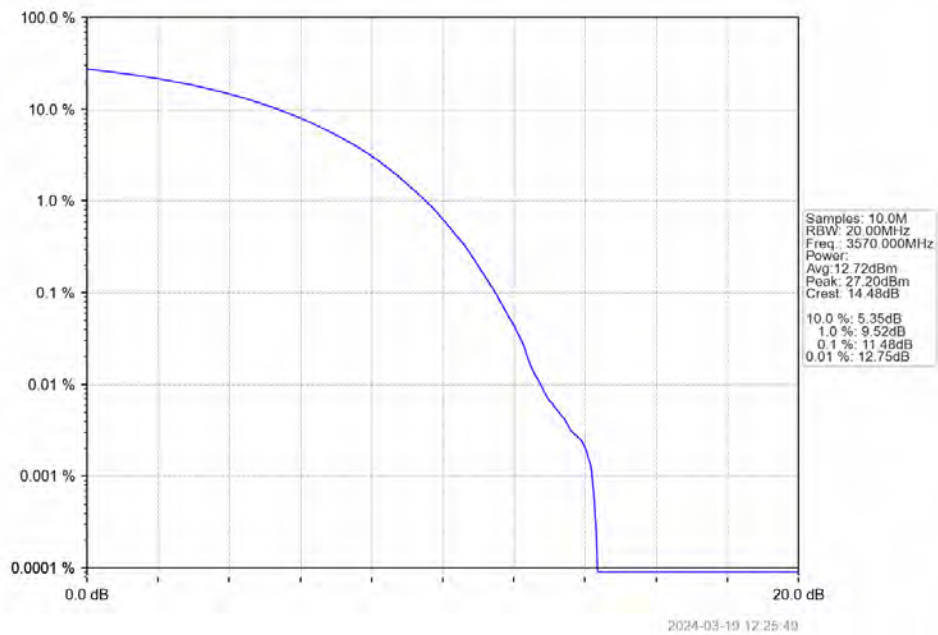
n48 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3624.99MHz Outer Full



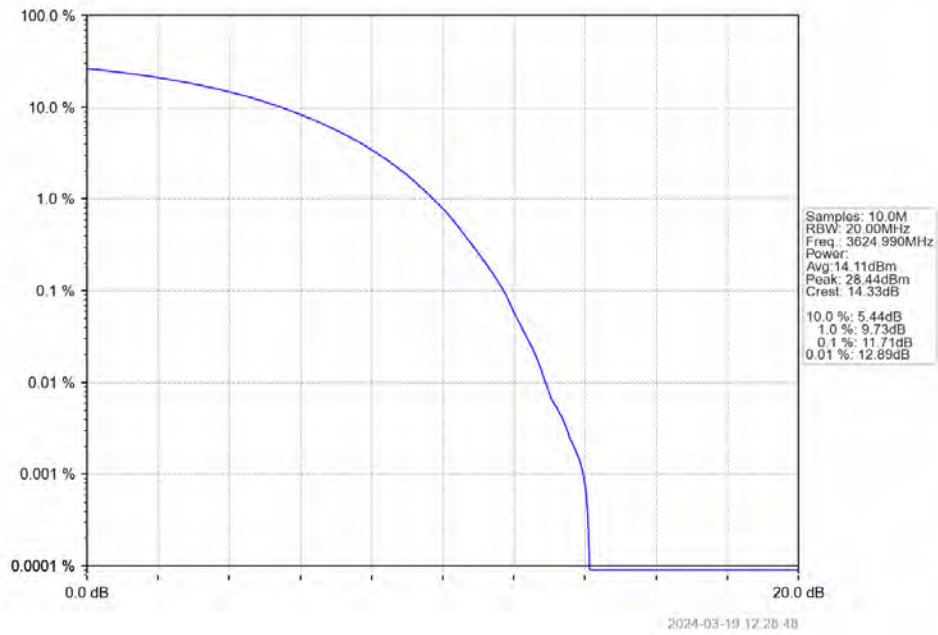
n48 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3679.98MHz Outer Full



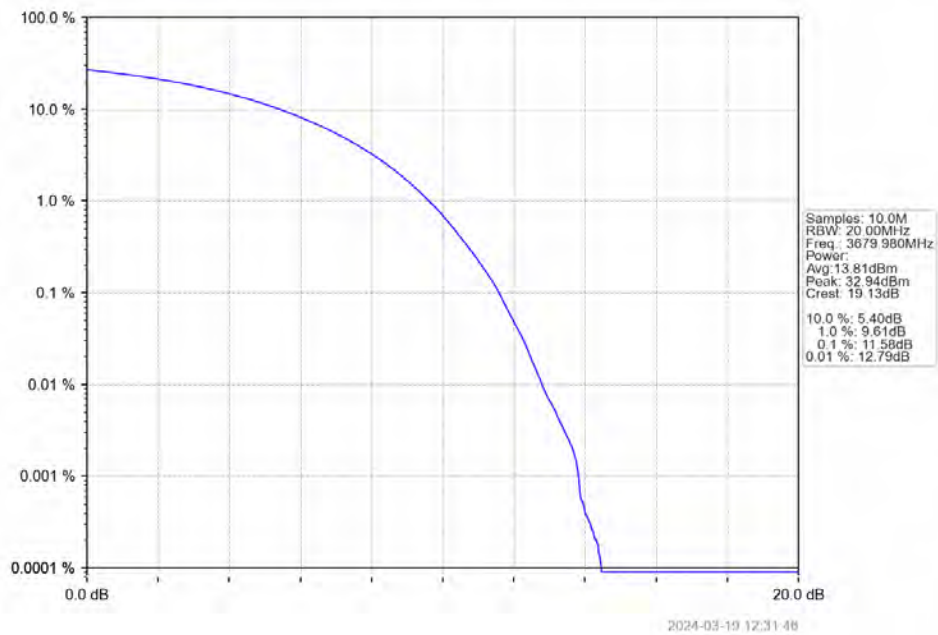
n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3570MHz Outer Full



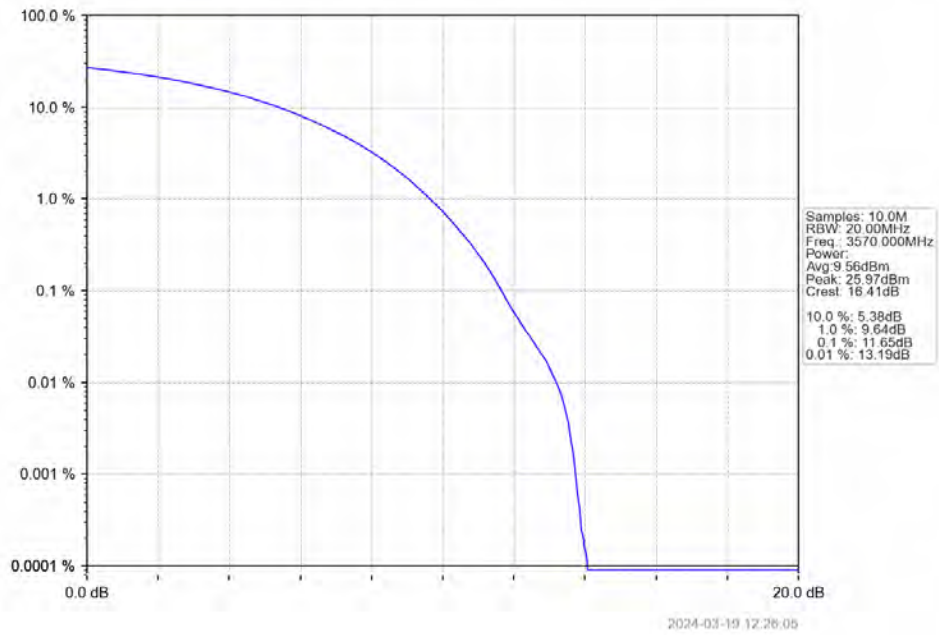
n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3624.99MHz Outer Full



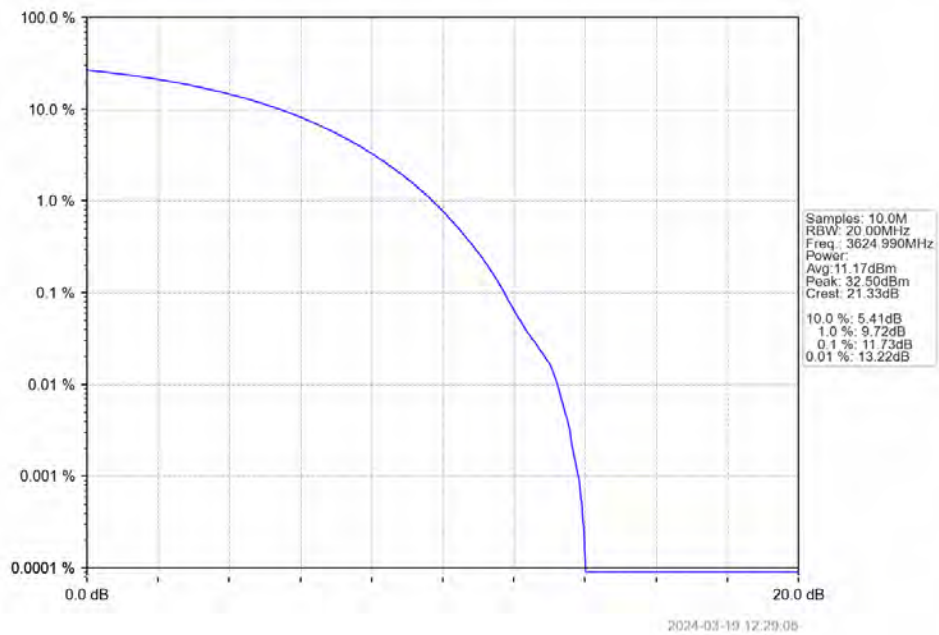
n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3679.98MHz Outer Full

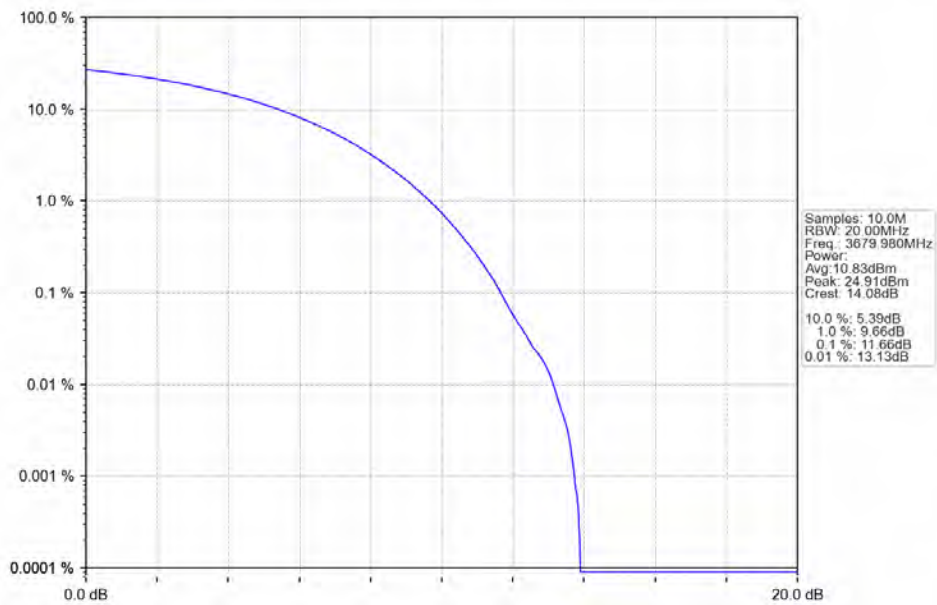


n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3570MHz Outer Full



n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3624.99MHz Outer Full





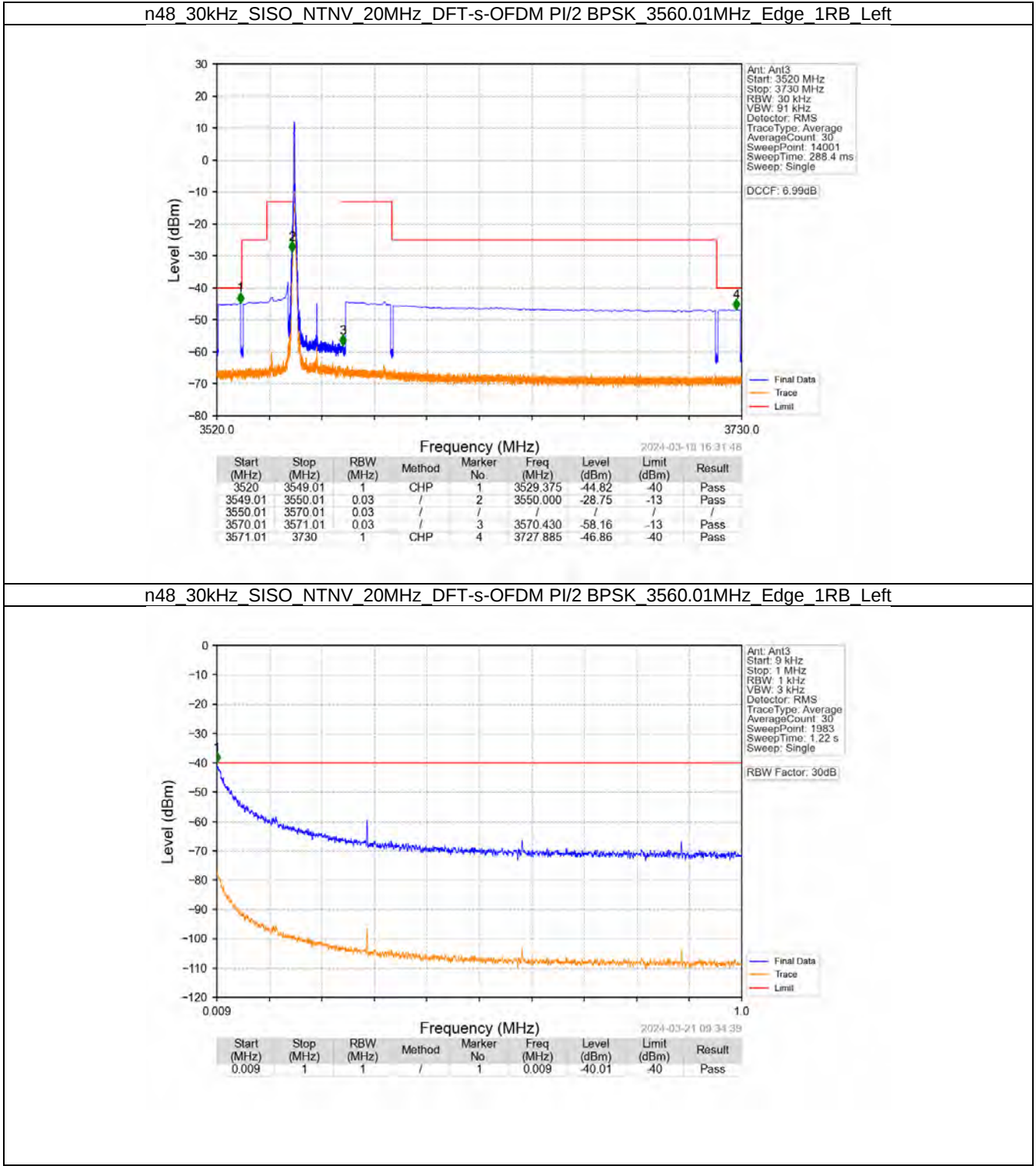
5. Spurious Emission

5.1 30k_SISO_20MHz_NTNV

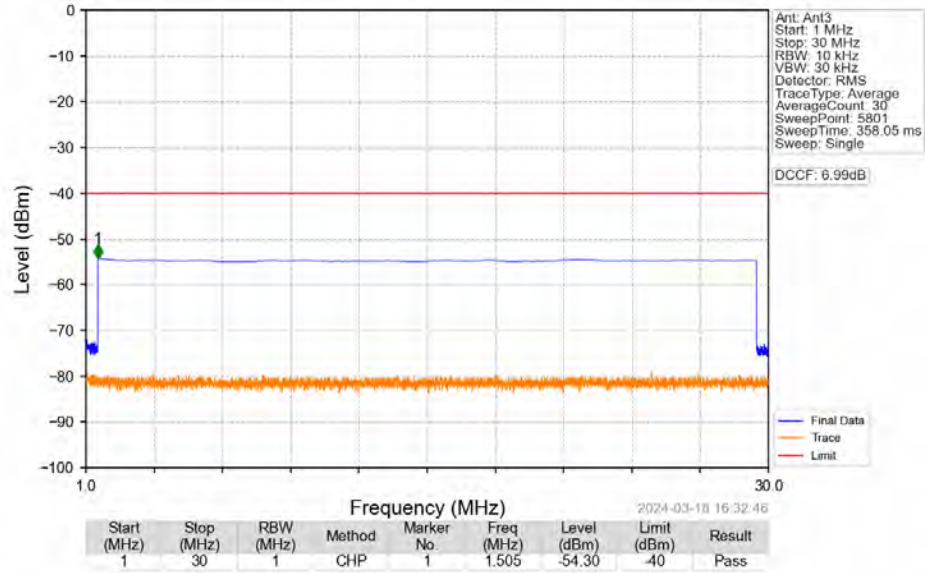
5.1.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Left	Refer To Test Graph				Pass
	3624.99	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3560.01	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Left	Refer To Test Graph				Pass
	3624.99	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Right	Refer To Test Graph				Pass

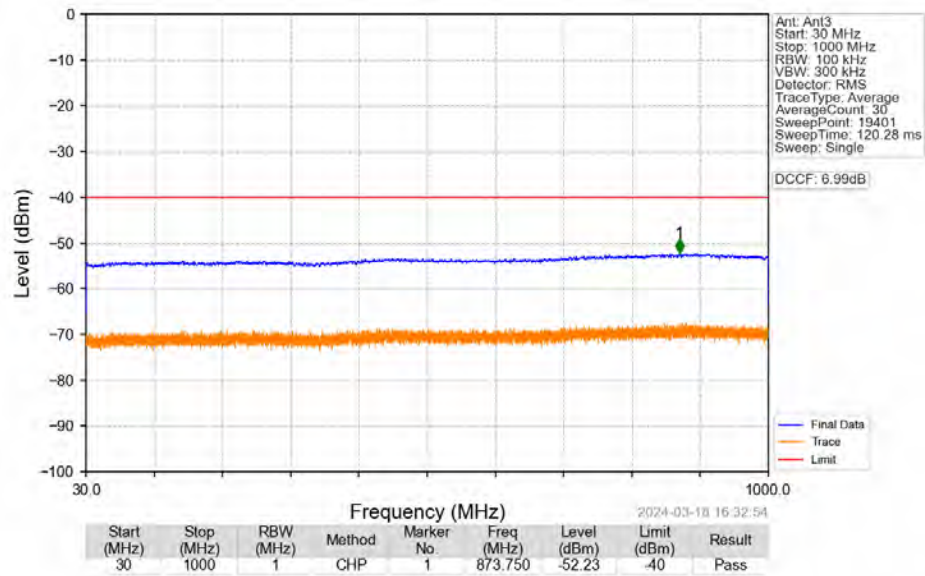
5.1.2 Test Graph



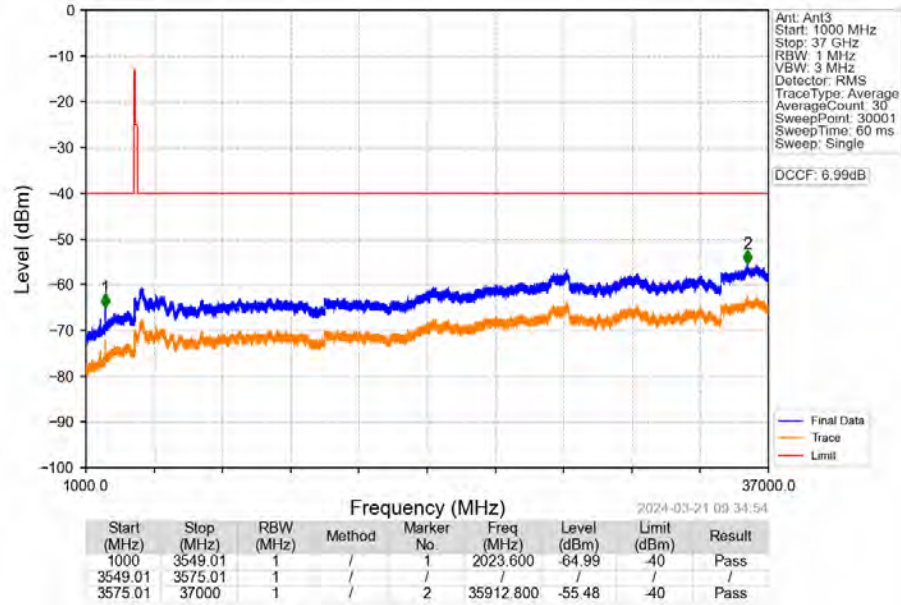
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3560.01MHz Edge 1RB Left



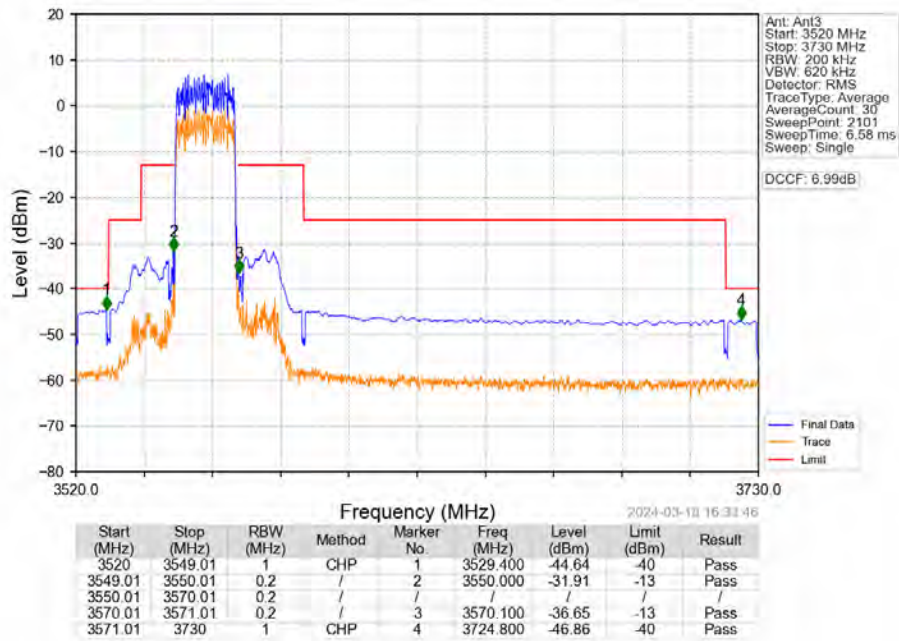
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3560.01MHz Edge 1RB Left



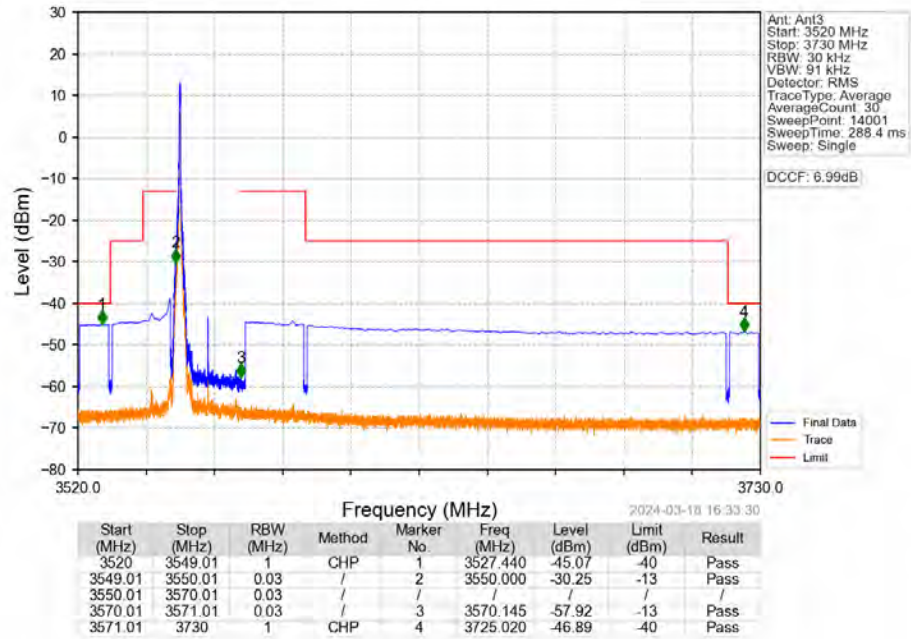
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3560.01MHz Edge 1RB Left



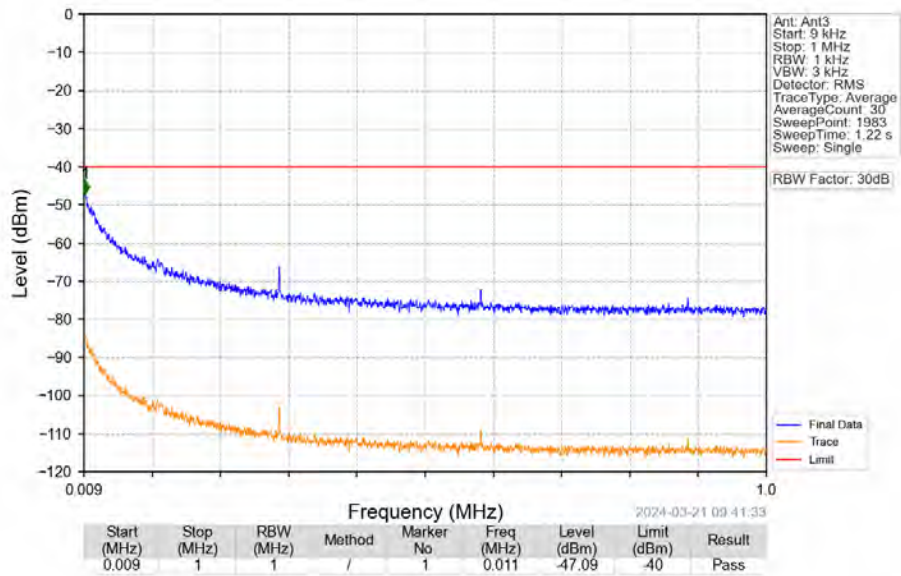
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3560.01MHz Outer Full



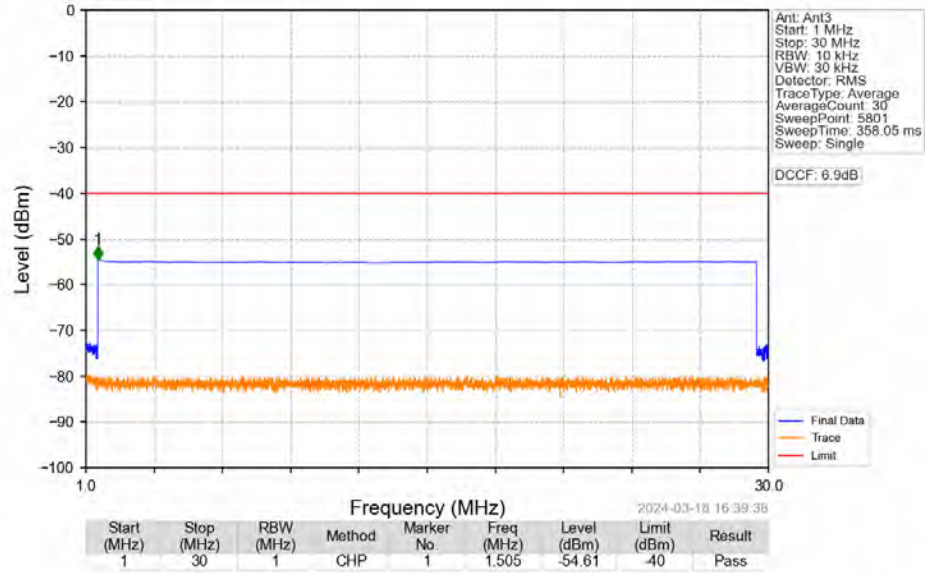
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3560.01MHz Inner 1RB Left



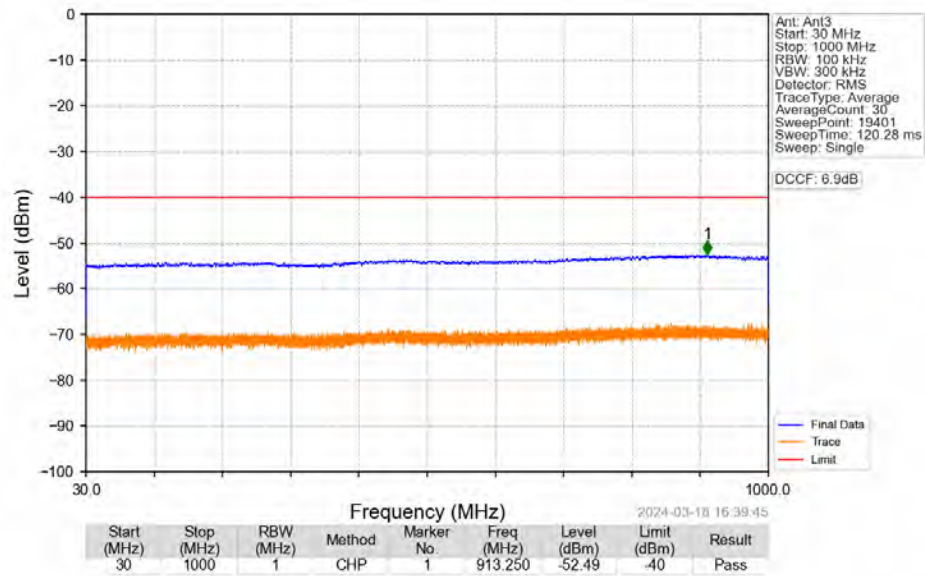
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Edge 1RB Left



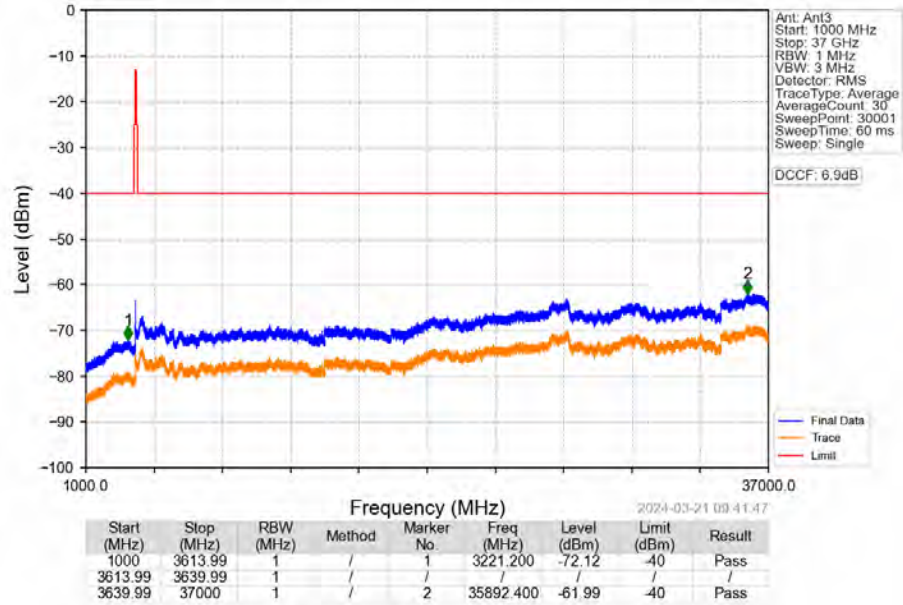
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Edge 1RB Left



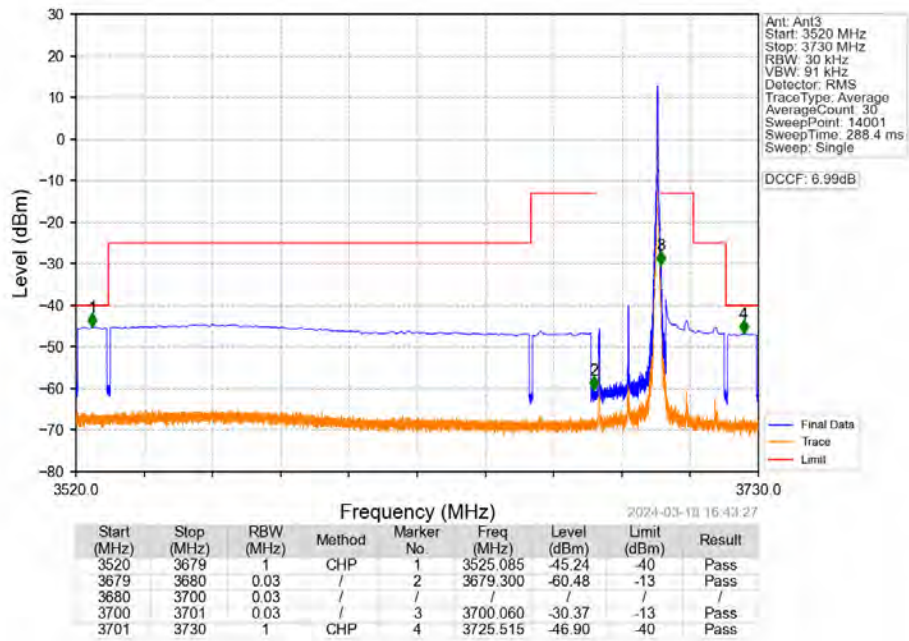
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Edge 1RB Left



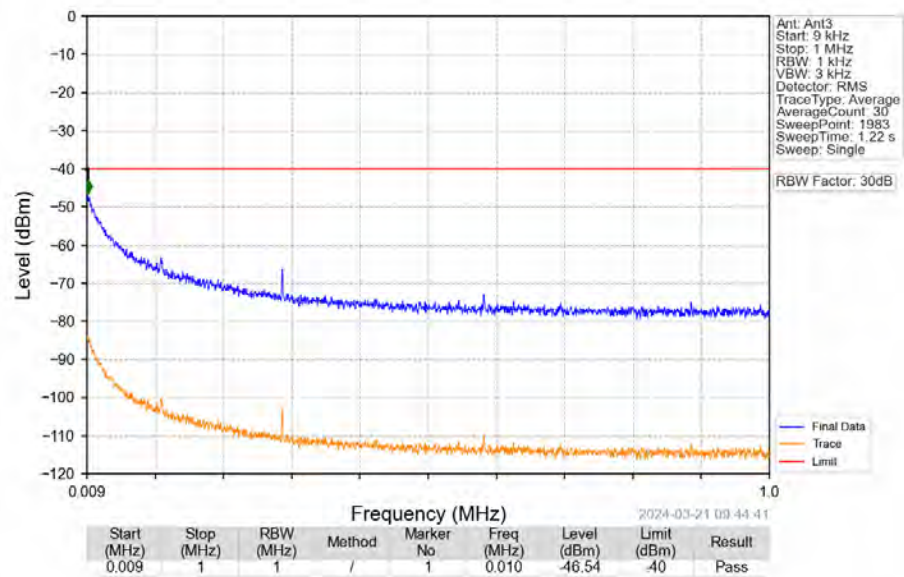
n48 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Edge 1RB Left



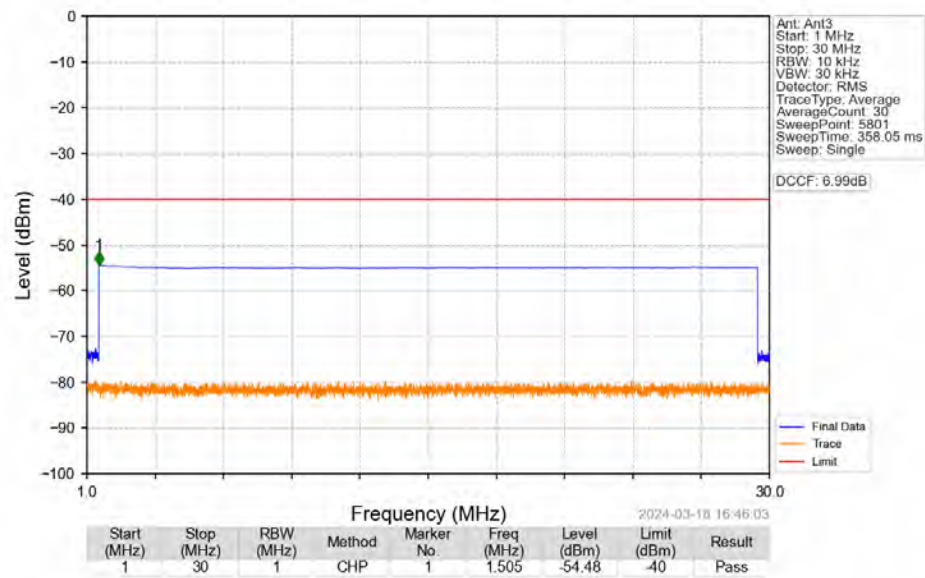
n48 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Edge 1RB Right



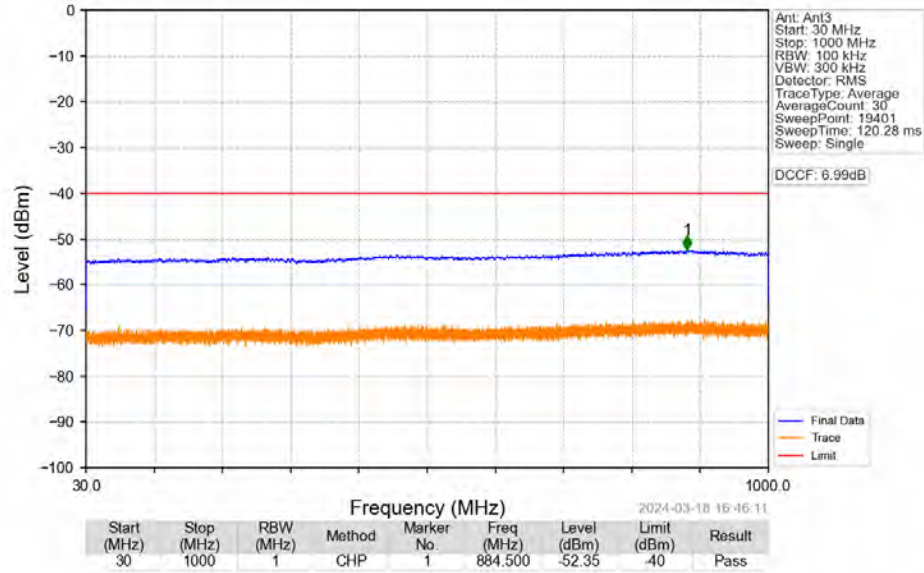
n48 30kHz SISO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Edge 1RB Right



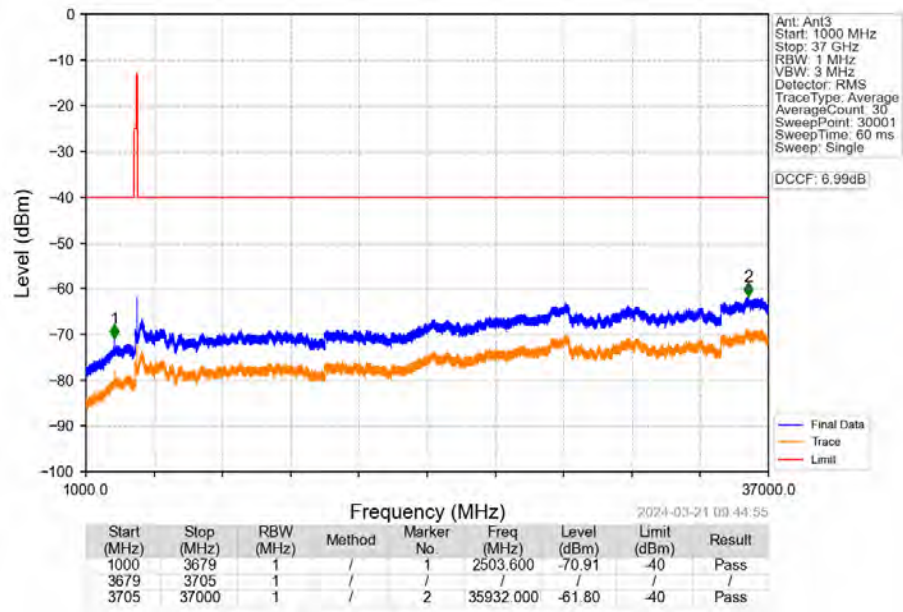
n48 30kHz SISO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Edge 1RB Right



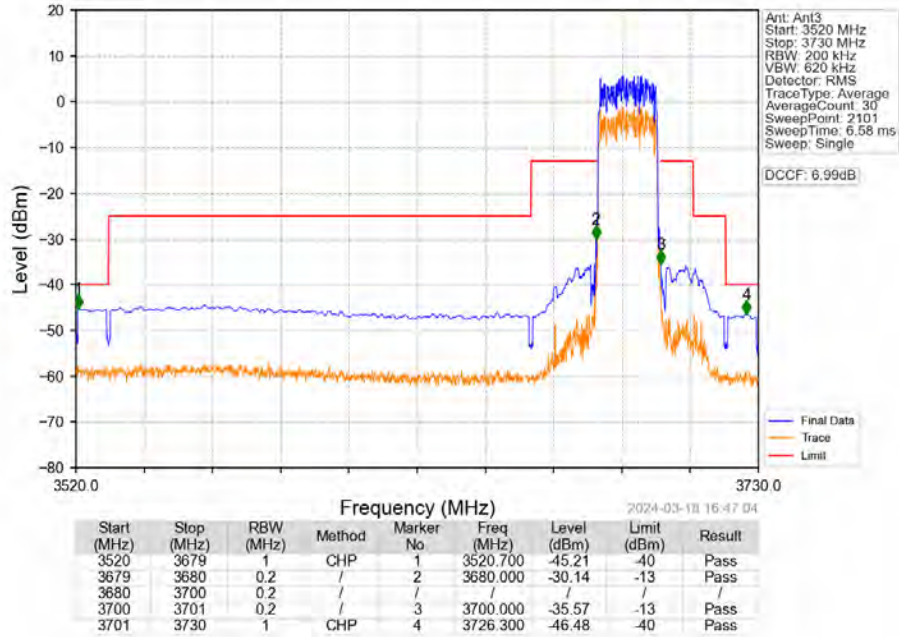
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Edge 1RB Right



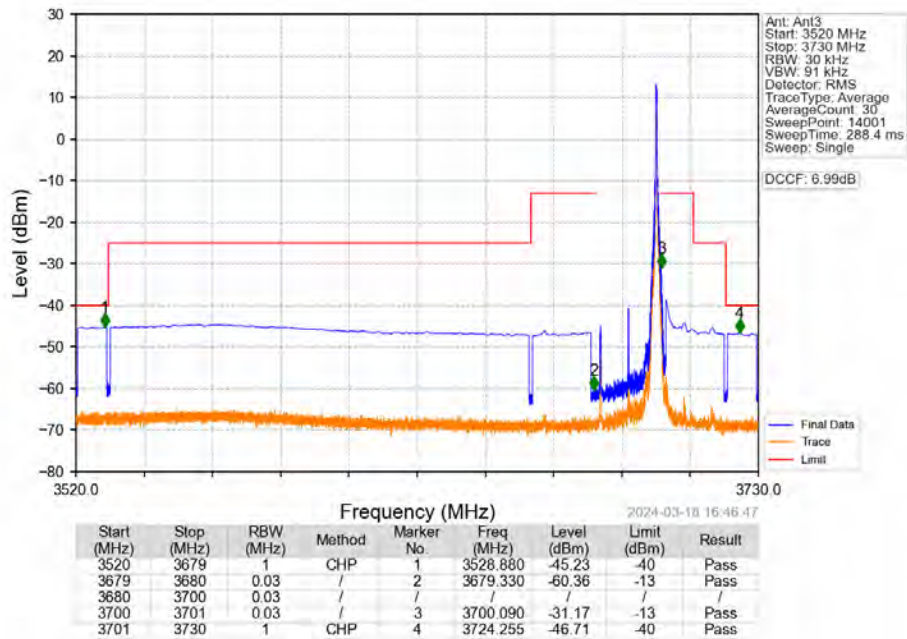
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Edge 1RB Right



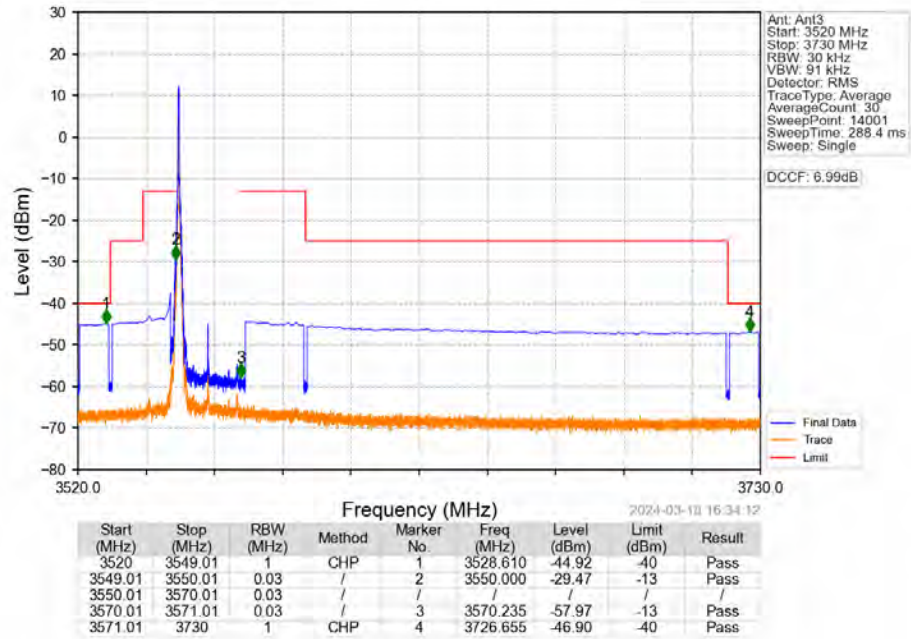
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Outer Full



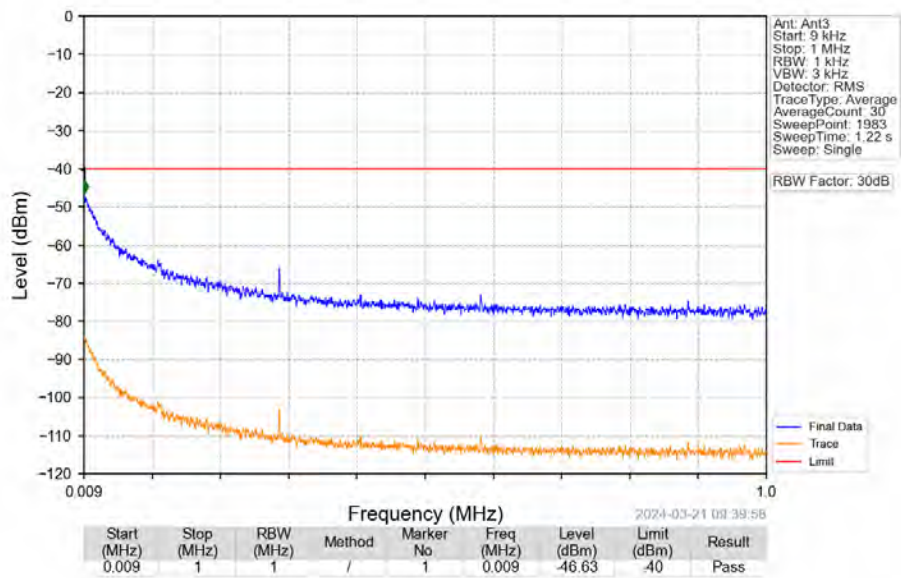
n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Inner 1RB Right



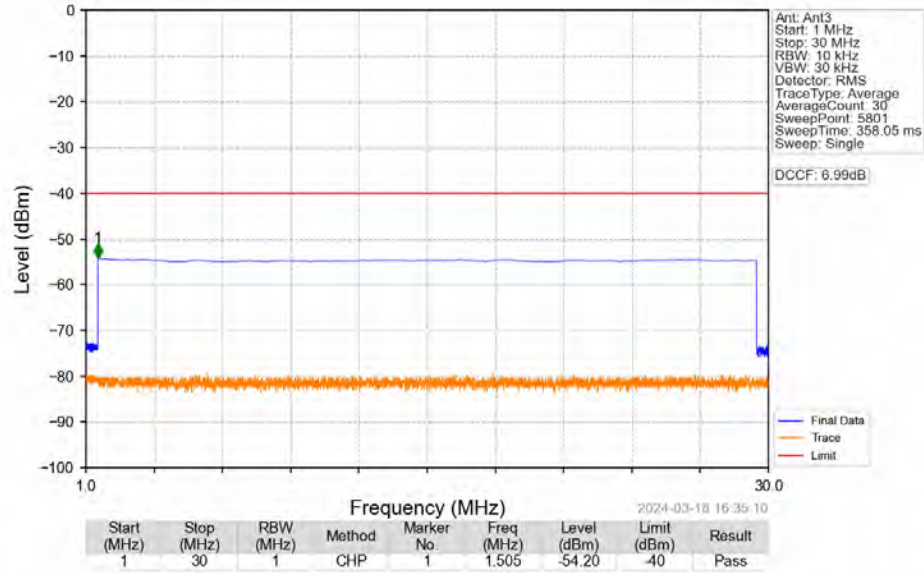
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Edge 1RB Left



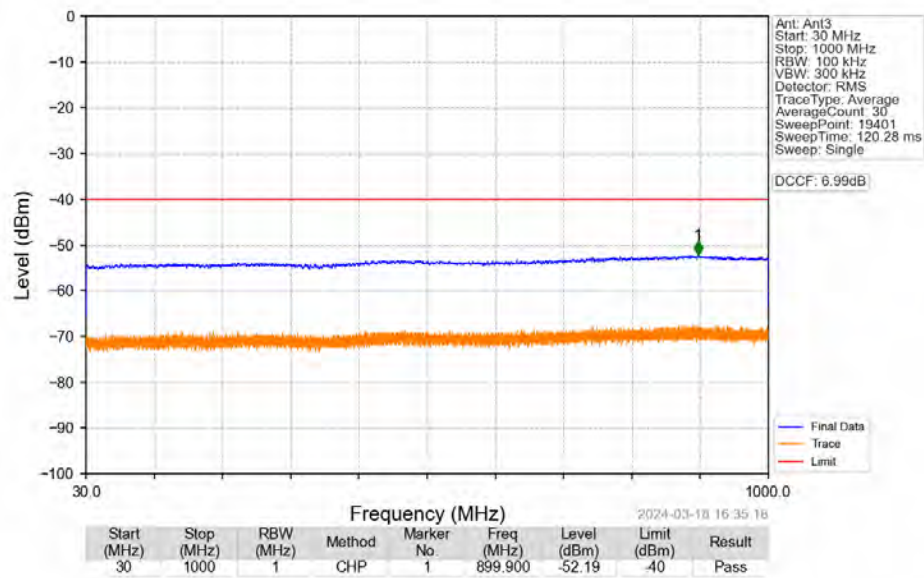
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Edge 1RB Left



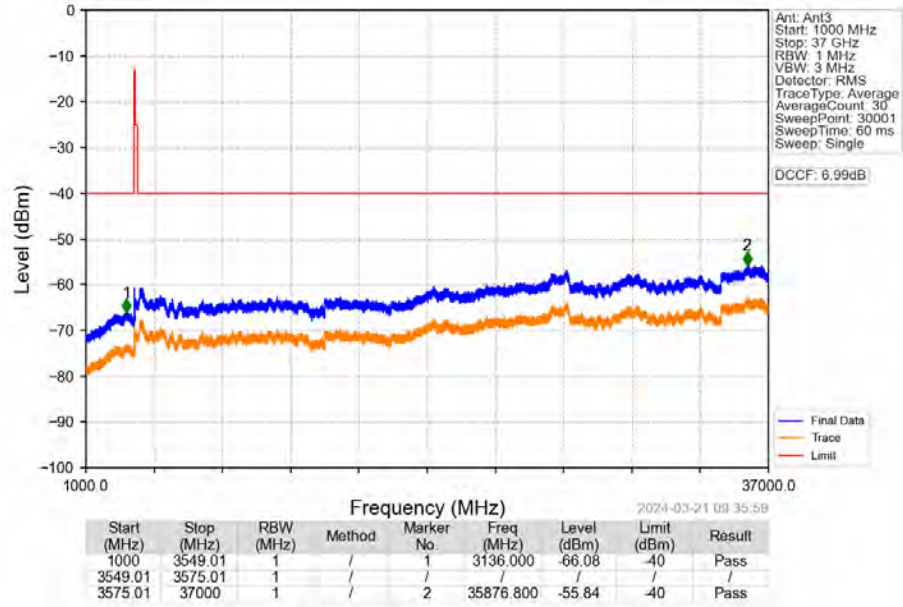
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Edge 1RB Left



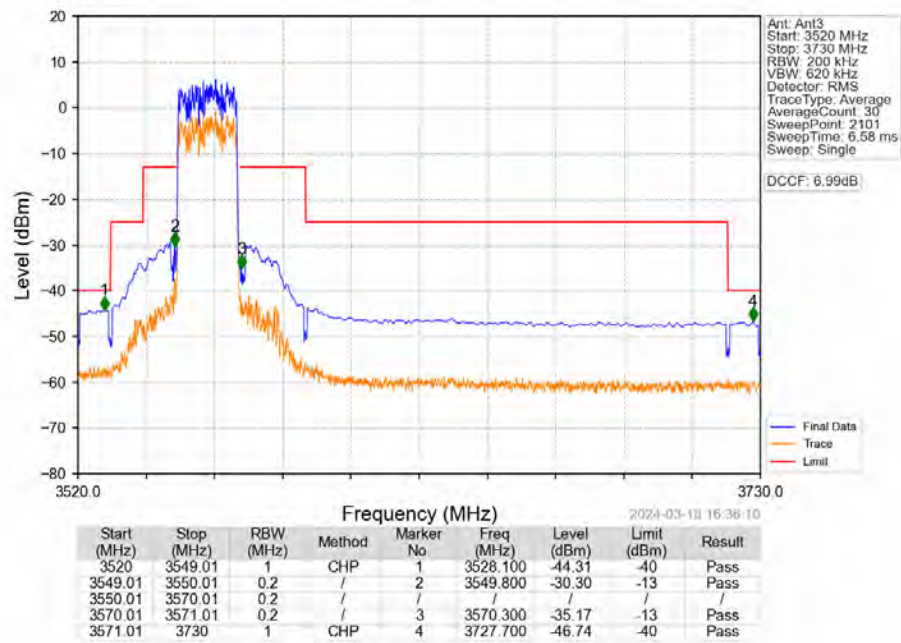
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Edge 1RB Left



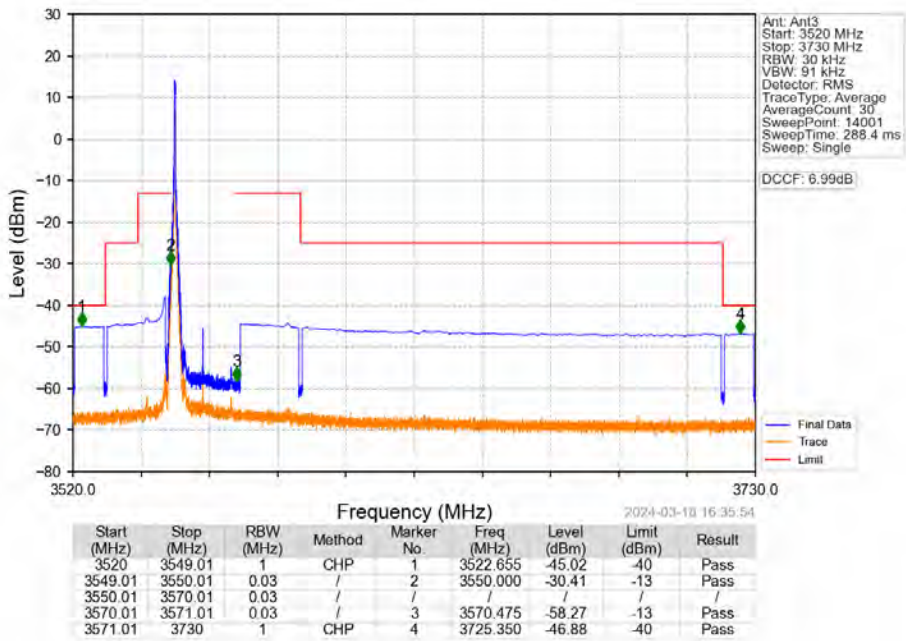
n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Edge 1RB Left



n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Outer Full



n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Inner 1RB Left



n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3624.99MHz Edge 1RB Left

