

		Edge 1RB Right	18.84	/	/	18.92	/	/	<=30	Pass
		Outer Full	18.46	/	/	18.54	/	/	<=30	Pass
		Inner Full	18.54	/	/	18.62	/	/	<=30	Pass
		Inner 1RB Left	18.31	/	/	18.39	/	/	<=30	Pass
		Inner 1RB Right	18.78	/	/	18.86	/	/	<=30	Pass
	3750	Edge 1RB Left	18.53	/	/	18.61	/	/	<=30	Pass
		Edge 1RB Right	18.69	/	/	18.77	/	/	<=30	Pass
		Outer Full	18.63	/	/	18.71	/	/	<=30	Pass
		Inner Full	18.66	/	/	18.74	/	/	<=30	Pass
		Inner 1RB Left	18.46	/	/	18.54	/	/	<=30	Pass
	3774.99	Inner 1RB Right	18.67	/	/	18.75	/	/	<=30	Pass
		Edge 1RB Left	18.67	/	/	18.75	/	/	<=30	Pass
		Edge 1RB Right	18.83	/	/	18.91	/	/	<=30	Pass
		Outer Full	18.62	/	/	18.70	/	/	<=30	Pass
		Inner Full	18.66	/	/	18.74	/	/	<=30	Pass
		Inner 1RB Left	18.68	/	/	18.76	/	/	<=30	Pass
		Inner 1RB Right	18.78	/	/	18.86	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 60MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge 1RB Left	21.29	/	/	21.37	/	/	<=30	Pass
		Edge 1RB Right	21.57	/	/	21.65	/	/	<=30	Pass
		Outer Full	24.44	/	/	24.52	/	/	<=30	Pass
		Inner Full	25.03	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	24.62	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	25.07	/	/	<=30	Pass
	3750	Edge 1RB Left	21.30	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	21.73	/	/	<=30	Pass
		Outer Full	24.52	/	/	24.60	/	/	<=30	Pass
		Inner Full	25.15	/	/	25.23	/	/	<=30	Pass
		Inner 1RB Left	24.83	/	/	24.91	/	/	<=30	Pass
		Inner 1RB Right	25.05	/	/	25.13	/	/	<=30	Pass
	3769.98	Edge 1RB Left	21.48	/	/	21.56	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	21.97	/	/	<=30	Pass
		Outer Full	24.60	/	/	24.68	/	/	<=30	Pass
		Inner Full	25.01	/	/	25.09	/	/	<=30	Pass
		Inner 1RB Left	24.90	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Right	25.33	/	/	25.41	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge 1RB Left	21.23	/	/	21.31	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	21.58	/	/	<=30	Pass
		Outer Full	23.97	/	/	24.05	/	/	<=30	Pass
		Inner Full	24.91	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	25.07	/	/	<=30	Pass
	3750	Edge 1RB Left	21.30	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	21.63	/	/	21.71	/	/	<=30	Pass
		Outer Full	24.04	/	/	24.12	/	/	<=30	Pass
		Inner Full	25.08	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Left	24.78	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	25.08	/	/	25.16	/	/	<=30	Pass
	3769.98	Edge 1RB Left	21.40	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	21.85	/	/	21.93	/	/	<=30	Pass
		Outer Full	24.09	/	/	24.17	/	/	<=30	Pass

		Inner_Full	25.09	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	25.35	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	21.15	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	21.43	/	/	<=30	Pass
		Outer_Full	22.93	/	/	23.01	/	/	<=30	Pass
		Inner_Full	24.00	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Left	21.17	/	/	21.25	/	/	<=30	Pass
	3750	Edge_1RB_Right	21.45	/	/	21.53	/	/	<=30	Pass
		Outer_Full	23.03	/	/	23.11	/	/	<=30	Pass
		Inner_Full	24.03	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	23.93	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.26	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	21.75	/	/	<=30	Pass
		Outer_Full	23.02	/	/	23.10	/	/	<=30	Pass
		Inner_Full	24.02	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	23.77	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Inner_1RB_Right	24.07	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Left	21.49	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	21.87	/	/	<=30	Pass
		Outer_Full	22.46	/	/	22.54	/	/	<=30	Pass
		Inner_Full	22.55	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	22.53	/	/	<=30	Pass
	3750	Inner_1RB_Right	22.66	/	/	22.74	/	/	<=30	Pass
		Edge_1RB_Left	21.54	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	21.95	/	/	<=30	Pass
		Outer_Full	22.53	/	/	22.61	/	/	<=30	Pass
		Inner_Full	22.61	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	22.56	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	22.85	/	/	22.93	/	/	<=30	Pass
		Edge_1RB_Left	21.65	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	22.18	/	/	<=30	Pass
		Outer_Full	22.58	/	/	22.66	/	/	<=30	Pass
		Inner_Full	22.56	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	22.68	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Inner_1RB_Right	23.02	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Left	20.24	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	20.63	/	/	<=30	Pass
		Outer_Full	20.47	/	/	20.55	/	/	<=30	Pass
		Inner_Full	20.52	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	20.21	/	/	20.29	/	/	<=30	Pass
	3750	Inner_1RB_Right	20.60	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Left	20.39	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	20.65	/	/	20.73	/	/	<=30	Pass
		Outer_Full	20.57	/	/	20.65	/	/	<=30	Pass
		Inner_Full	20.60	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	20.35	/	/	20.43	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	20.62	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Left	20.45	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	20.90	/	/	20.98	/	/	<=30	Pass
		Outer_Full	20.60	/	/	20.68	/	/	<=30	Pass
		Inner_Full	20.60	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	20.46	/	/	20.54	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Inner_1RB_Right	20.85	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Left	21.08	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	21.46	/	/	<=30	Pass

		Outer_Full	21.96	/	/	22.04	/	/	<=30	Pass
		Inner_Full	23.48	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	23.42	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.05	/	/	22.13	/	/	<=30	Pass
		Inner_Full	23.55	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	23.61	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.33	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	21.83	/	/	<=30	Pass
		Outer_Full	22.07	/	/	22.15	/	/	<=30	Pass
		Inner_Full	23.54	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	23.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	21.13	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	21.45	/	/	<=30	Pass
		Outer_Full	21.90	/	/	21.98	/	/	<=30	Pass
		Inner_Full	22.97	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	23.03	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	21.46	/	/	<=30	Pass
		Outer_Full	22.01	/	/	22.09	/	/	<=30	Pass
		Inner_Full	23.03	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	23.03	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.31	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	21.75	/	/	<=30	Pass
		Outer_Full	22.03	/	/	22.11	/	/	<=30	Pass
		Inner_Full	22.99	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	23.23	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	21.46	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	21.81	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.56	/	/	<=30	Pass
		Inner_Full	21.53	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	21.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.58	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	21.91	/	/	<=30	Pass
		Outer_Full	21.54	/	/	21.62	/	/	<=30	Pass
		Inner_Full	21.61	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	21.92	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.66	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	22.25	/	/	<=30	Pass
		Outer_Full	21.53	/	/	21.61	/	/	<=30	Pass
		Inner_Full	21.59	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	22.21	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	18.33	/	/	18.41	/	/	<=30	Pass
		Edge_1RB_Right	18.65	/	/	18.73	/	/	<=30	Pass
		Outer_Full	18.47	/	/	18.55	/	/	<=30	Pass
		Inner_Full	18.54	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	18.36	/	/	18.44	/	/	<=30	Pass
		Inner_1RB_Right	18.67	/	/	18.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.41	/	/	18.49	/	/	<=30	Pass

		Edge_1RB_Right	18.76	/	/	18.84	/	/	<=30	Pass
		Outer_Full	18.58	/	/	18.66	/	/	<=30	Pass
		Inner_Full	18.62	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	18.51	/	/	18.59	/	/	<=30	Pass
		Inner_1RB_Right	18.80	/	/	18.88	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	18.57	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Right	19.01	/	/	19.09	/	/	<=30	Pass
		Outer_Full	18.60	/	/	18.68	/	/	<=30	Pass
		Inner_Full	18.58	/	/	18.66	/	/	<=30	Pass
		Inner_1RB_Left	18.59	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Right	19.04	/	/	19.12	/	/	<=30	Pass
	Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	21.19	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	21.70	/	/	21.78	/	/	<=30	Pass
		Outer Full	24.44	/	/	24.52	/	/	<=30	Pass
		Inner Full	25.00	/	/	25.08	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	24.74	/	/	<=30	Pass
	3750	Inner 1RB Right	25.14	/	/	25.22	/	/	<=30	Pass
		Edge 1RB Left	21.25	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	21.62	/	/	21.70	/	/	<=30	Pass
		Outer Full	24.54	/	/	24.62	/	/	<=30	Pass
		Inner Full	25.10	/	/	25.18	/	/	<=30	Pass
	3765	Inner 1RB Left	24.76	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Right	25.07	/	/	25.15	/	/	<=30	Pass
		Edge 1RB Left	21.34	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	22.08	/	/	<=30	Pass
		Outer Full	24.57	/	/	24.65	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Inner Full	25.02	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Left	24.90	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Right	25.42	/	/	25.50	/	/	<=30	Pass
	3750	Edge 1RB Left	21.16	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	21.75	/	/	<=30	Pass
		Outer Full	23.98	/	/	24.06	/	/	<=30	Pass
		Inner Full	24.96	/	/	25.04	/	/	<=30	Pass
	3765	Inner 1RB Left	24.63	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Right	25.14	/	/	25.22	/	/	<=30	Pass
		Edge 1RB Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	21.72	/	/	<=30	Pass
		Outer Full	24.04	/	/	24.12	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Inner Full	25.01	/	/	25.09	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	25.11	/	/	25.19	/	/	<=30	Pass
	3750	Edge 1RB Left	21.33	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	22.04	/	/	<=30	Pass
		Outer Full	24.05	/	/	24.13	/	/	<=30	Pass
	3765	Inner Full	25.02	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Left	24.82	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Right	25.39	/	/	25.47	/	/	<=30	Pass
	3735	Edge 1RB Left	21.06	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	21.58	/	/	<=30	Pass
		Outer Full	22.99	/	/	23.07	/	/	<=30	Pass

		Inner_Full	24.02	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	23.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.03	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	21.49	/	/	<=30	Pass
		Outer_Full	23.04	/	/	23.12	/	/	<=30	Pass
		Inner_Full	24.08	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	23.97	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	21.88	/	/	<=30	Pass
		Outer_Full	23.05	/	/	23.13	/	/	<=30	Pass
		Inner_Full	24.04	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	24.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	21.41	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	22.00	/	/	<=30	Pass
		Outer_Full	22.50	/	/	22.58	/	/	<=30	Pass
		Inner_Full	22.53	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	22.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.51	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	22.04	/	/	<=30	Pass
		Outer_Full	22.58	/	/	22.66	/	/	<=30	Pass
		Inner_Full	22.60	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	22.84	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.57	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	22.35	/	/	<=30	Pass
		Outer_Full	22.60	/	/	22.68	/	/	<=30	Pass
		Inner_Full	22.57	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	23.15	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	20.20	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	20.79	/	/	<=30	Pass
		Outer_Full	20.53	/	/	20.61	/	/	<=30	Pass
		Inner_Full	20.59	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	20.19	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Right	20.72	/	/	20.80	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.24	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	20.69	/	/	<=30	Pass
		Outer_Full	20.62	/	/	20.70	/	/	<=30	Pass
		Inner_Full	20.61	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	20.29	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	20.78	/	/	<=30	Pass
	3765	Edge_1RB_Left	20.35	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	21.09	/	/	<=30	Pass
		Outer_Full	20.62	/	/	20.70	/	/	<=30	Pass
		Inner_Full	20.61	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	21.12	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	21.05	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	21.68	/	/	<=30	Pass
		Outer_Full	21.98	/	/	22.06	/	/	<=30	Pass
		Inner_Full	23.54	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	23.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.10	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	21.74	/	/	<=30	Pass

		Outer_Full	22.06	/	/	22.14	/	/	<=30	Pass
		Inner_Full	23.58	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	23.72	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.19	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	21.87	/	/	<=30	Pass
		Outer_Full	22.11	/	/	22.19	/	/	<=30	Pass
		Inner_Full	23.53	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	23.87	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	21.04	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	21.67	/	/	<=30	Pass
		Outer_Full	22.00	/	/	22.08	/	/	<=30	Pass
		Inner_Full	23.04	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	23.03	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.95	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	21.60	/	/	<=30	Pass
		Outer_Full	22.07	/	/	22.15	/	/	<=30	Pass
		Inner_Full	23.04	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	23.06	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.13	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	21.87	/	/	<=30	Pass
		Outer_Full	22.10	/	/	22.18	/	/	<=30	Pass
		Inner_Full	23.01	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	23.45	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	21.41	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	21.98	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.56	/	/	<=30	Pass
		Inner_Full	21.53	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	22.03	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.49	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	21.91	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.65	/	/	<=30	Pass
		Inner_Full	21.58	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	21.96	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.54	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	22.30	/	/	<=30	Pass
		Outer_Full	21.59	/	/	21.67	/	/	<=30	Pass
		Inner_Full	21.55	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	22.28	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	18.30	/	/	18.38	/	/	<=30	Pass
		Edge_1RB_Right	18.86	/	/	18.94	/	/	<=30	Pass
		Outer_Full	18.54	/	/	18.62	/	/	<=30	Pass
		Inner_Full	18.61	/	/	18.69	/	/	<=30	Pass
		Inner_1RB_Left	18.30	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	18.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.36	/	/	18.44	/	/	<=30	Pass
		Edge_1RB_Right	18.74	/	/	18.82	/	/	<=30	Pass
		Outer_Full	18.65	/	/	18.73	/	/	<=30	Pass
		Inner_Full	18.62	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	18.42	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	18.81	/	/	<=30	Pass
	3765	Edge_1RB_Left	18.45	/	/	18.53	/	/	<=30	Pass

		Edge 1RB Right	19.12	/	/	19.20	/	/	<=30	Pass
		Outer Full	18.67	/	/	18.75	/	/	<=30	Pass
		Inner Full	18.57	/	/	18.65	/	/	<=30	Pass
		Inner 1RB Left	18.48	/	/	18.56	/	/	<=30	Pass
		Inner 1RB Right	19.12	/	/	19.20	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	21.31	/	/	21.39	/	/	<=30	Pass
		Edge 1RB Right	21.62	/	/	21.70	/	/	<=30	Pass
		Outer Full	24.52	/	/	24.60	/	/	<=30	Pass
		Inner Full	25.08	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Right	25.10	/	/	25.18	/	/	<=30	Pass
	3750	Edge 1RB Left	21.23	/	/	21.31	/	/	<=30	Pass
		Edge 1RB Right	21.77	/	/	21.85	/	/	<=30	Pass
		Outer Full	24.56	/	/	24.64	/	/	<=30	Pass
		Inner Full	25.11	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	25.25	/	/	25.33	/	/	<=30	Pass
	3759.99	Edge 1RB Left	21.34	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	21.94	/	/	22.02	/	/	<=30	Pass
		Outer Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner Full	25.11	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	24.89	/	/	24.97	/	/	<=30	Pass
		Inner 1RB Right	25.38	/	/	25.46	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	21.29	/	/	21.37	/	/	<=30	Pass
		Edge 1RB Right	21.61	/	/	21.69	/	/	<=30	Pass
		Outer Full	24.02	/	/	24.10	/	/	<=30	Pass
		Inner Full	25.00	/	/	25.08	/	/	<=30	Pass
		Inner 1RB Left	24.80	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Right	25.06	/	/	25.14	/	/	<=30	Pass
	3750	Edge 1RB Left	21.24	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	21.76	/	/	21.84	/	/	<=30	Pass
		Outer Full	24.07	/	/	24.15	/	/	<=30	Pass
		Inner Full	25.02	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Right	25.24	/	/	25.32	/	/	<=30	Pass
	3759.99	Edge 1RB Left	21.38	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	22.00	/	/	<=30	Pass
		Outer Full	24.12	/	/	24.20	/	/	<=30	Pass
		Inner Full	25.02	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Right	25.43	/	/	25.51	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	21.11	/	/	21.19	/	/	<=30	Pass
		Edge 1RB Right	21.52	/	/	21.60	/	/	<=30	Pass
		Outer Full	23.02	/	/	23.10	/	/	<=30	Pass
		Inner Full	24.08	/	/	24.16	/	/	<=30	Pass
		Inner 1RB Left	23.60	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Right	23.94	/	/	24.02	/	/	<=30	Pass
	3750	Edge 1RB Left	21.14	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	21.55	/	/	21.63	/	/	<=30	Pass
		Outer Full	23.05	/	/	23.13	/	/	<=30	Pass

		Inner_Full	24.06	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	24.16	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	21.21	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	21.83	/	/	<=30	Pass
		Outer_Full	23.10	/	/	23.18	/	/	<=30	Pass
		Inner_Full	24.11	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	24.26	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	21.54	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	21.95	/	/	<=30	Pass
		Outer_Full	22.50	/	/	22.58	/	/	<=30	Pass
		Inner_Full	22.60	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	22.93	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.48	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	22.07	/	/	<=30	Pass
		Outer_Full	22.61	/	/	22.69	/	/	<=30	Pass
		Inner_Full	22.59	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	23.02	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	21.59	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	22.22	/	/	<=30	Pass
		Outer_Full	22.59	/	/	22.67	/	/	<=30	Pass
		Inner_Full	22.60	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	23.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	20.33	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	20.69	/	/	<=30	Pass
		Outer_Full	20.56	/	/	20.64	/	/	<=30	Pass
		Inner_Full	20.66	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Left	20.29	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	20.70	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.22	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	20.73	/	/	20.81	/	/	<=30	Pass
		Outer_Full	20.62	/	/	20.70	/	/	<=30	Pass
		Inner_Full	20.63	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	20.84	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	20.41	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	21.02	/	/	<=30	Pass
		Outer_Full	20.69	/	/	20.77	/	/	<=30	Pass
		Inner_Full	20.67	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	20.41	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	20.92	/	/	21.00	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.00	/	/	22.08	/	/	<=30	Pass
		Inner_Full	23.55	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	23.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	21.72	/	/	<=30	Pass
		Outer_Full	22.07	/	/	22.15	/	/	<=30	Pass
		Inner_Full	23.57	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	23.63	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	21.23	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	21.85	/	/	<=30	Pass

		Outer_Full	22.11	/	/	22.19	/	/	<=30	Pass
		Inner_Full	23.56	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	23.90	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	21.04	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	21.58	/	/	<=30	Pass
		Outer_Full	22.01	/	/	22.09	/	/	<=30	Pass
		Inner_Full	23.07	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	22.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.10	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	21.68	/	/	<=30	Pass
		Outer_Full	22.02	/	/	22.10	/	/	<=30	Pass
		Inner_Full	23.04	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	23.22	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	21.17	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	21.79	/	/	<=30	Pass
		Outer_Full	22.10	/	/	22.18	/	/	<=30	Pass
		Inner_Full	23.07	/	/	23.15	/	/	<=30	Pass
Inner_1RB_Left		22.61	/	/	22.69	/	/	<=30	Pass	
Inner_1RB_Right		23.23	/	/	23.31	/	/	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	21.51	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	21.90	/	/	<=30	Pass
		Outer_Full	21.52	/	/	21.60	/	/	<=30	Pass
		Inner_Full	21.58	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	21.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.50	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	22.04	/	/	<=30	Pass
		Outer_Full	21.56	/	/	21.64	/	/	<=30	Pass
		Inner_Full	21.61	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	22.11	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	21.62	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	22.21	/	/	<=30	Pass
		Outer_Full	21.63	/	/	21.71	/	/	<=30	Pass
		Inner_Full	21.64	/	/	21.72	/	/	<=30	Pass
Inner_1RB_Left		21.65	/	/	21.73	/	/	<=30	Pass	
Inner_1RB_Right		22.18	/	/	22.26	/	/	<=30	Pass	
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	18.45	/	/	18.53	/	/	<=30	Pass
		Edge_1RB_Right	18.70	/	/	18.78	/	/	<=30	Pass
		Outer_Full	18.56	/	/	18.64	/	/	<=30	Pass
		Inner_Full	18.62	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	18.42	/	/	18.50	/	/	<=30	Pass
		Inner_1RB_Right	18.75	/	/	18.83	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.40	/	/	18.48	/	/	<=30	Pass
		Edge_1RB_Right	18.85	/	/	18.93	/	/	<=30	Pass
		Outer_Full	18.59	/	/	18.67	/	/	<=30	Pass
		Inner_Full	18.67	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Left	18.37	/	/	18.45	/	/	<=30	Pass
		Inner_1RB_Right	18.90	/	/	18.98	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	18.47	/	/	18.55	/	/	<=30	Pass
		Edge_1RB_Right	19.01	/	/	19.09	/	/	<=30	Pass
		Outer_Full	18.63	/	/	18.71	/	/	<=30	Pass
		Inner_Full	18.66	/	/	18.74	/	/	<=30	Pass
Inner_1RB_Left		18.49	/	/	18.57	/	/	<=30	Pass	
Inner_1RB_Right		19.02	/	/	19.10	/	/	<=30	Pass	
Note1: Antenna Gain: Ant0: 0.08dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge_1RB_Left	21.19	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	22.00	/	/	<=30	Pass
		Outer_Full	24.53	/	/	24.61	/	/	<=30	Pass
		Inner_Full	25.05	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	25.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	21.89	/	/	<=30	Pass
		Outer_Full	24.59	/	/	24.67	/	/	<=30	Pass
		Inner_Full	25.03	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	25.40	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.32	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.80	/	/	<=30	Pass
		Outer_Full	24.65	/	/	24.73	/	/	<=30	Pass
		Inner_Full	25.08	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	25.33	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	21.17	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	21.98	/	/	<=30	Pass
		Outer_Full	24.03	/	/	24.11	/	/	<=30	Pass
		Inner_Full	25.04	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	25.38	/	/	25.46	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.25	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	21.85	/	/	<=30	Pass
		Outer_Full	24.05	/	/	24.13	/	/	<=30	Pass
		Inner_Full	25.03	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	25.33	/	/	25.41	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.31	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.80	/	/	<=30	Pass
		Outer_Full	24.03	/	/	24.11	/	/	<=30	Pass
		Inner_Full	25.06	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	25.37	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	21.04	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	21.76	/	/	<=30	Pass
		Outer_Full	23.05	/	/	23.13	/	/	<=30	Pass
		Inner_Full	24.06	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	24.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.13	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	21.70	/	/	<=30	Pass
		Outer_Full	23.08	/	/	23.16	/	/	<=30	Pass
		Inner_Full	24.09	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	24.28	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	21.69	/	/	<=30	Pass

		Outer_Full	23.06	/	/	23.14	/	/	<=30	Pass
		Inner_Full	24.08	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	24.20	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	21.36	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	22.20	/	/	<=30	Pass
		Outer_Full	22.59	/	/	22.67	/	/	<=30	Pass
		Inner_Full	22.55	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Left	21.56	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	22.15	/	/	<=30	Pass
	3750	Outer_Full	22.60	/	/	22.68	/	/	<=30	Pass
		Inner_Full	22.60	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Left	21.51	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	22.08	/	/	<=30	Pass
	3754.98	Outer_Full	22.58	/	/	22.66	/	/	<=30	Pass
		Inner_Full	22.60	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	22.97	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	20.17	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	20.96	/	/	<=30	Pass
		Outer_Full	20.59	/	/	20.67	/	/	<=30	Pass
		Inner_Full	20.66	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Left	20.16	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	20.93	/	/	21.01	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.26	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	20.86	/	/	<=30	Pass
		Outer_Full	20.61	/	/	20.69	/	/	<=30	Pass
		Inner_Full	20.64	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	20.92	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	20.33	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	20.75	/	/	20.83	/	/	<=30	Pass
		Outer_Full	20.61	/	/	20.69	/	/	<=30	Pass
		Inner_Full	20.63	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	20.34	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	20.74	/	/	20.82	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	21.05	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	21.90	/	/	<=30	Pass
		Outer_Full	22.04	/	/	22.12	/	/	<=30	Pass
		Inner_Full	23.53	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	23.77	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.12	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	21.81	/	/	<=30	Pass
		Outer_Full	22.07	/	/	22.15	/	/	<=30	Pass
		Inner_Full	23.57	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	23.67	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.23	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	21.68	/	/	<=30	Pass
		Outer_Full	22.05	/	/	22.13	/	/	<=30	Pass
		Inner_Full	23.53	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	23.76	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	21.06	/	/	21.14	/	/	<=30	Pass

		Edge_1RB_Right	21.70	/	/	21.78	/	/	<=30	Pass
		Outer_Full	22.04	/	/	22.12	/	/	<=30	Pass
		Inner_Full	23.11	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	23.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.13	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.80	/	/	<=30	Pass
		Outer_Full	22.05	/	/	22.13	/	/	<=30	Pass
		Inner_Full	23.09	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.55	/	/	<=30	Pass
	3754.98	Inner_1RB_Right	23.09	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Left	21.10	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	21.49	/	/	21.57	/	/	<=30	Pass
		Outer_Full	22.03	/	/	22.11	/	/	<=30	Pass
		Inner_Full	23.04	/	/	23.12	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Inner_1RB_Left	22.69	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	23.10	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Left	21.55	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	22.23	/	/	<=30	Pass
		Outer_Full	21.53	/	/	21.61	/	/	<=30	Pass
	3750	Inner_Full	21.56	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Left	21.43	/	/	21.51	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	22.13	/	/	<=30	Pass
	3754.98	Outer_Full	21.59	/	/	21.67	/	/	<=30	Pass
		Inner_Full	21.59	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Left	21.54	/	/	21.62	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Right	22.00	/	/	22.08	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.65	/	/	<=30	Pass
		Inner_Full	21.57	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	22.07	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.30	/	/	18.38	/	/	<=30	Pass
		Edge_1RB_Right	19.09	/	/	19.17	/	/	<=30	Pass
		Outer_Full	18.59	/	/	18.67	/	/	<=30	Pass
		Inner_Full	18.60	/	/	18.68	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	18.42	/	/	<=30	Pass
	3754.98	Inner_1RB_Right	19.04	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Left	18.39	/	/	18.47	/	/	<=30	Pass
		Edge_1RB_Right	18.94	/	/	19.02	/	/	<=30	Pass
		Outer_Full	18.63	/	/	18.71	/	/	<=30	Pass
		Inner_Full	18.62	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	18.40	/	/	18.48	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	19.04	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.46	/	/	18.54	/	/	<=30	Pass
		Edge_1RB_Right	18.90	/	/	18.98	/	/	<=30	Pass
		Outer_Full	18.61	/	/	18.69	/	/	<=30	Pass
	3754.98	Inner_Full	18.61	/	/	18.69	/	/	<=30	Pass
		Inner_1RB_Left	18.47	/	/	18.55	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	21.26	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	21.99	/	/	<=30	Pass
		Outer Full	24.64	/	/	24.72	/	/	<=30	Pass
		Inner Full	25.06	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Left	24.95	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	25.46	/	/	25.54	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	21.26	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	21.90	/	/	<=30	Pass
		Outer Full	24.02	/	/	24.10	/	/	<=30	Pass
		Inner Full	25.03	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	24.88	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Right	25.45	/	/	25.53	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge 1RB Left	21.15	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	21.75	/	/	<=30	Pass
		Outer Full	23.05	/	/	23.13	/	/	<=30	Pass
		Inner Full	24.08	/	/	24.16	/	/	<=30	Pass
		Inner 1RB Left	23.70	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Right	24.30	/	/	24.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge 1RB Left	21.40	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	22.23	/	/	<=30	Pass
		Outer Full	22.57	/	/	22.65	/	/	<=30	Pass
		Inner Full	22.57	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Left	22.52	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Right	23.13	/	/	23.21	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge 1RB Left	20.25	/	/	20.33	/	/	<=30	Pass
		Edge 1RB Right	20.89	/	/	20.97	/	/	<=30	Pass
		Outer Full	20.56	/	/	20.64	/	/	<=30	Pass
		Inner Full	20.63	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Left	20.25	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Right	20.84	/	/	20.92	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge 1RB Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge 1RB Right	21.78	/	/	21.86	/	/	<=30	Pass
		Outer Full	22.04	/	/	22.12	/	/	<=30	Pass
		Inner Full	23.56	/	/	23.64	/	/	<=30	Pass
		Inner 1RB Left	23.07	/	/	23.15	/	/	<=30	Pass
		Inner 1RB Right	23.90	/	/	23.98	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge 1RB Left	21.09	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	21.82	/	/	<=30	Pass
		Outer Full	22.03	/	/	22.11	/	/	<=30	Pass
		Inner Full	23.07	/	/	23.15	/	/	<=30	Pass
		Inner 1RB Left	22.52	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Right	22.98	/	/	23.06	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge 1RB Left	21.53	/	/	21.61	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	22.21	/	/	<=30	Pass
		Outer Full	21.54	/	/	21.62	/	/	<=30	Pass
		Inner Full	21.59	/	/	21.67	/	/	<=30	Pass
		Inner 1RB Left	21.51	/	/	21.59	/	/	<=30	Pass
		Inner 1RB Right	22.21	/	/	22.29	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge 1RB Left	18.43	/	/	18.51	/	/	<=30	Pass
		Edge 1RB Right	19.01	/	/	19.09	/	/	<=30	Pass
		Outer Full	18.63	/	/	18.71	/	/	<=30	Pass
		Inner Full	18.67	/	/	18.75	/	/	<=30	Pass
		Inner 1RB Left	18.49	/	/	18.57	/	/	<=30	Pass
		Inner 1RB Right	19.01	/	/	19.09	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n78a 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 QPSK	3750	Outer_Full	20	LV	-16.50	-0.0044	>=-2.5 & <=2.5	Pass
				HV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-15.00	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-11.00	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-11.70	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	8.73	9.57	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	8.69	9.32	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	8.66	9.37	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	8.67	9.35	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	8.62	9.30	/	Pass
CP-OFDM QPSK	3750	Outer_Full	8.64	9.24	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	8.63	9.26	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	8.72	9.24	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	8.66	9.25	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n78a SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	12.94	13.94	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	13.04	13.90	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	13.08	13.93	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	12.94	14.03	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	13.11	13.93	/	Pass
CP-OFDM QPSK	3750	Outer_Full	13.75	14.70	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	13.77	14.51	/	Pass

CP-OFDM 64 QAM	3750	Outer Full	13.77	14.68	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	13.74	14.71	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n78a 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	3750	Outer Full	18.19	19.28	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	18.01	19.19	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	18.15	19.25	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	18.22	19.27	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	17.93	19.40	/	Pass
CP-OFDM QPSK	3750	Outer Full	16.21	16.91	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	18.43	19.39	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	18.41	19.78	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	18.26	19.60	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n78a SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer Full	23.18	24.69	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	22.86	24.44	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	23.13	24.64	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	23.03	24.72	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	23.09	24.60	/	Pass
CP-OFDM QPSK	3750	Outer Full	23.29	24.85	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	23.43	24.94	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	23.30	24.87	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	23.29	24.96	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

5G NR n78a 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	3750	Outer Full	26.94	29.08	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	27.24	29.25	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	27.19	28.92	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	27.13	28.63	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	27.06	28.94	/	Pass
CP-OFDM QPSK	3750	Outer Full	27.83	29.97	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	28.63	33.66	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	28.58	33.53	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	28.07	30.01	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

5G NR n78a 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	3750	Outer_Full	36.21	38.41	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	36.34	38.58	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	35.91	38.22	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	36.01	38.45	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	35.88	38.17	/	Pass
CP-OFDM QPSK	3750	Outer_Full	38.03	40.37	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	38.38	40.60	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	38.08	40.24	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	38.11	40.50	/	Pass

3.1.7 30k_SISO_50MHz_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	46.24	48.99	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	45.87	49.10	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	46.14	49.32	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	46.22	49.15	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	45.92	49.05	/	Pass
CP-OFDM QPSK	3750	Outer_Full	47.61	50.82	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	47.62	51.05	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	47.84	51.00	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	47.61	50.71	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	58.19	61.93	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	58.22	61.80	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	58.37	61.60	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	58.37	61.97	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	58.09	61.77	/	Pass
CP-OFDM QPSK	3750	Outer_Full	58.13	61.91	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	58.12	62.04	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	58.21	61.85	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	58.39	61.90	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	65.14	68.93	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	64.48	69.14	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	64.66	69.42	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	64.90	69.56	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	64.73	69.15	/	Pass
CP-OFDM QPSK	3750	Outer_Full	67.99	72.19	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	67.80	72.32	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	67.91	72.55	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	68.01	72.46	/	Pass

3.1.10 30k_SISO_80MHz_NTNV

5G NR n78a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	77.62	82.64	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	77.64	82.64	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	77.72	82.55	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	77.53	82.95	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	77.77	82.37	/	Pass
CP-OFDM QPSK	3750	Outer_Full	77.61	83.12	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	78.00	82.64	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	77.98	83.27	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	77.85	82.98	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

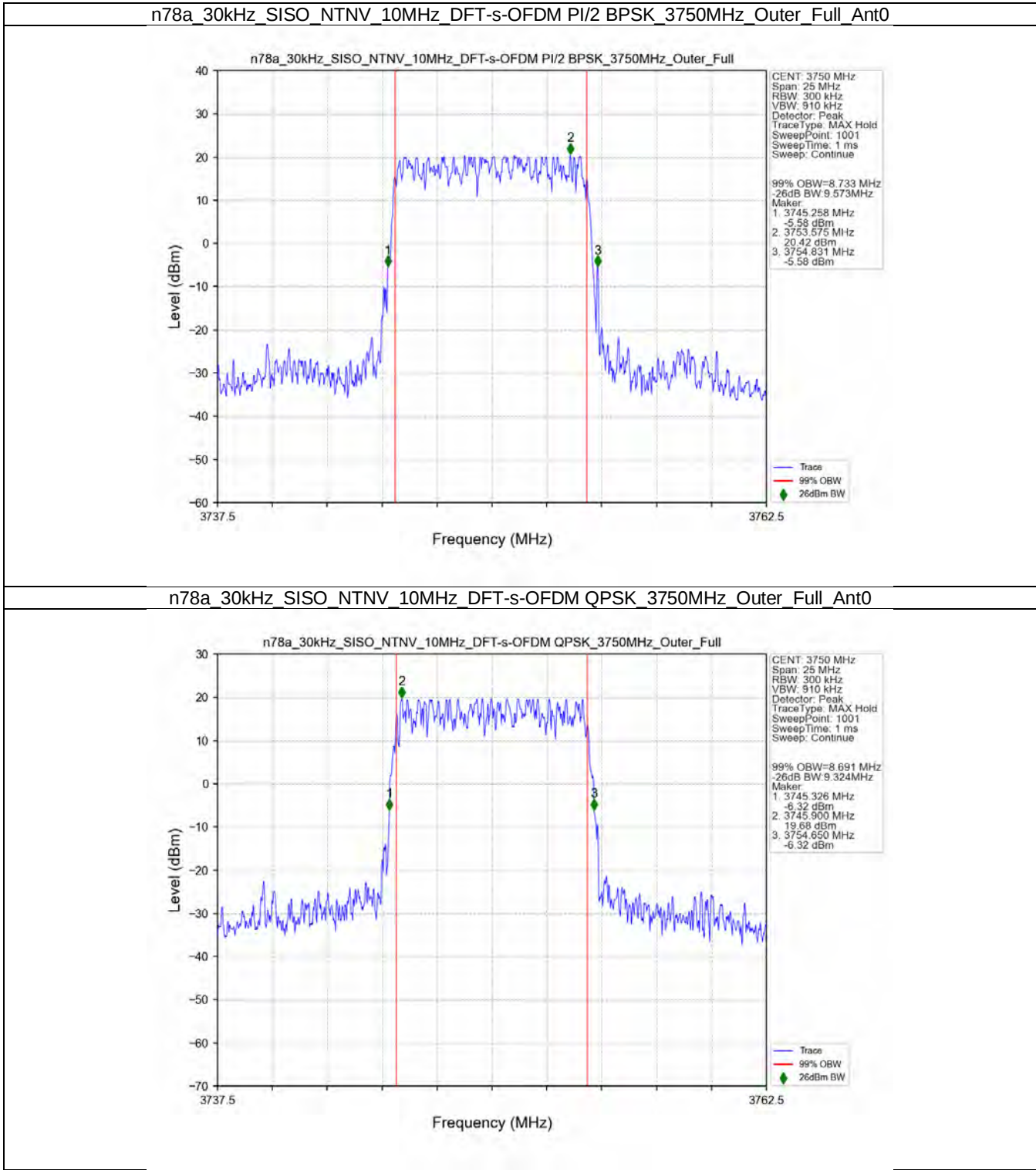
5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	87.56	92.96	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	87.40	93.00	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	87.34	92.88	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	87.21	92.84	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	87.44	92.47	/	Pass
CP-OFDM QPSK	3750	Outer_Full	88.17	93.47	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	87.60	93.33	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	87.98	93.63	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	87.93	93.27	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

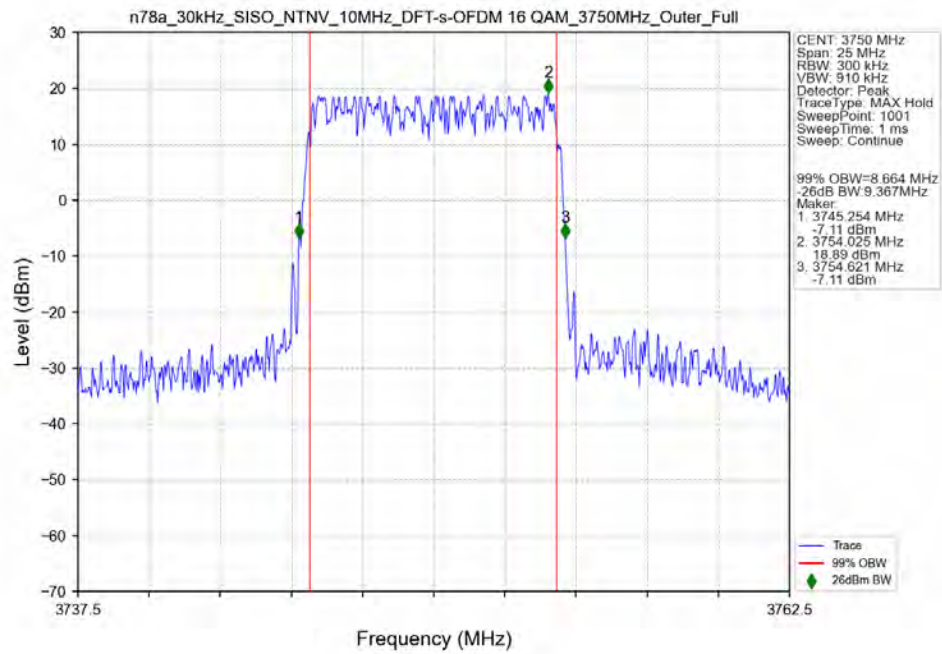
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	96.52	103.09	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	97.15	103.28	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	97.20	102.83	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	96.71	103.16	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.91	102.89	/	Pass
CP-OFDM QPSK	3750	Outer_Full	97.69	104.47	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	97.76	104.29	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	98.42	104.25	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	98.05	104.11	/	Pass

3.2 Test Graph

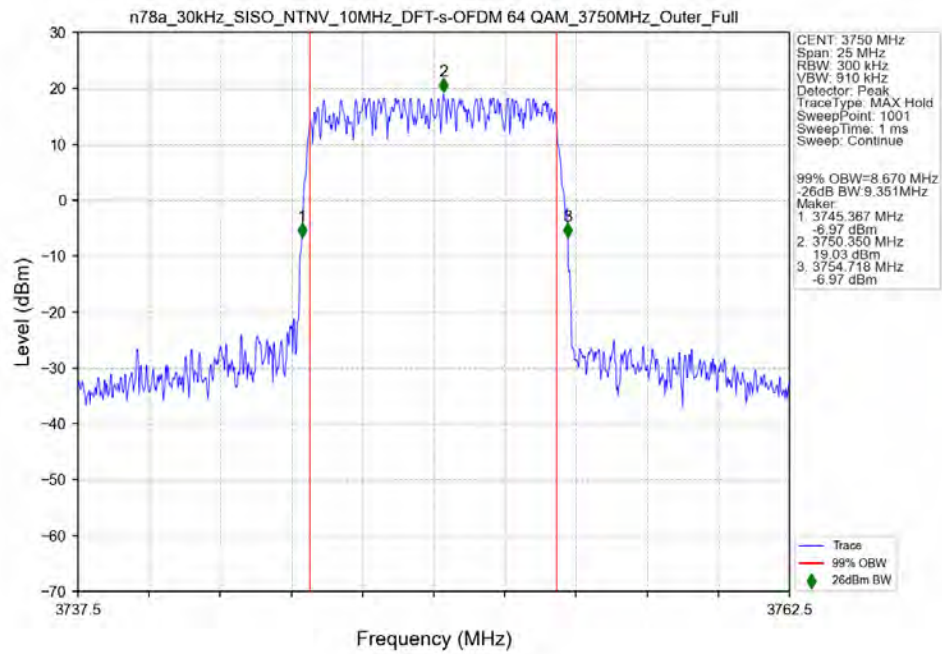
3.2.1 30k_SISO_10MHz_NTNV



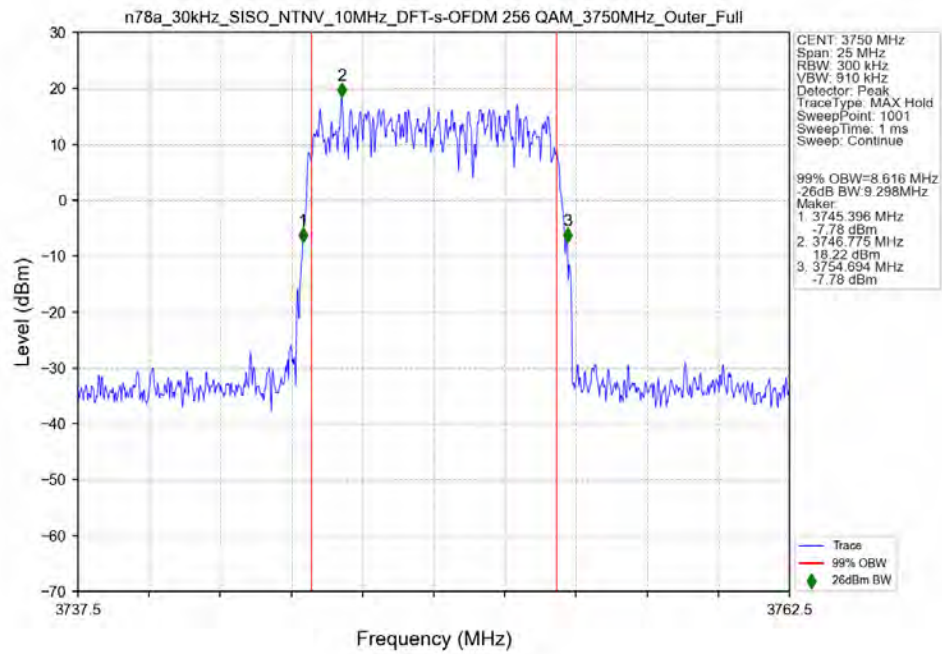
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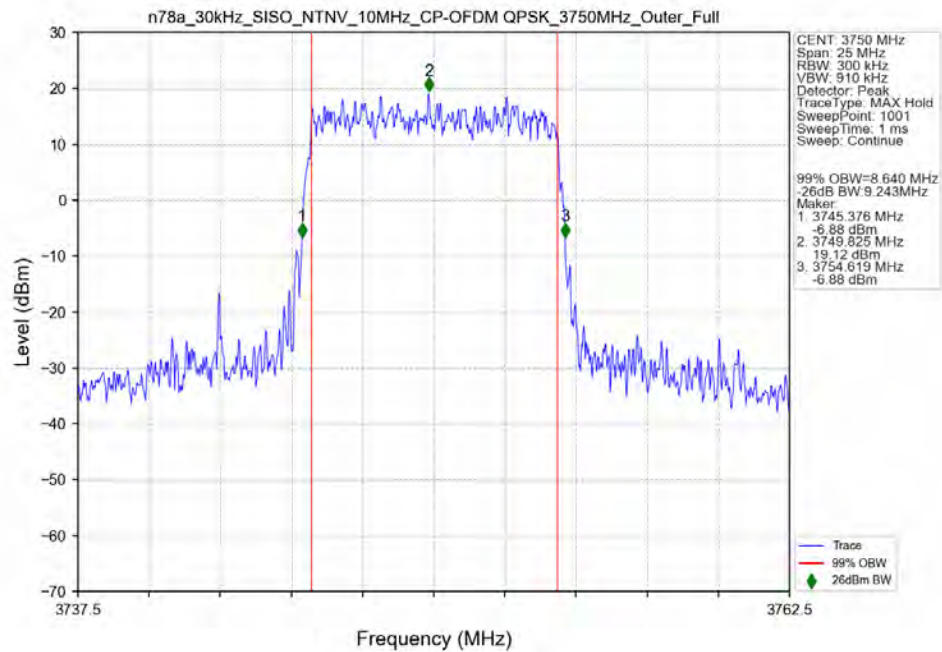
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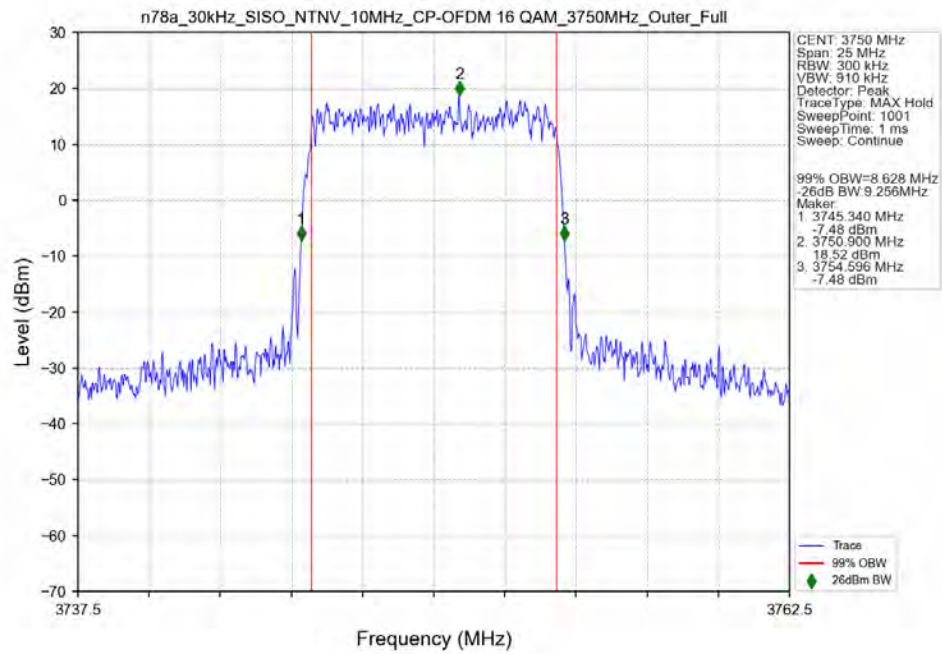
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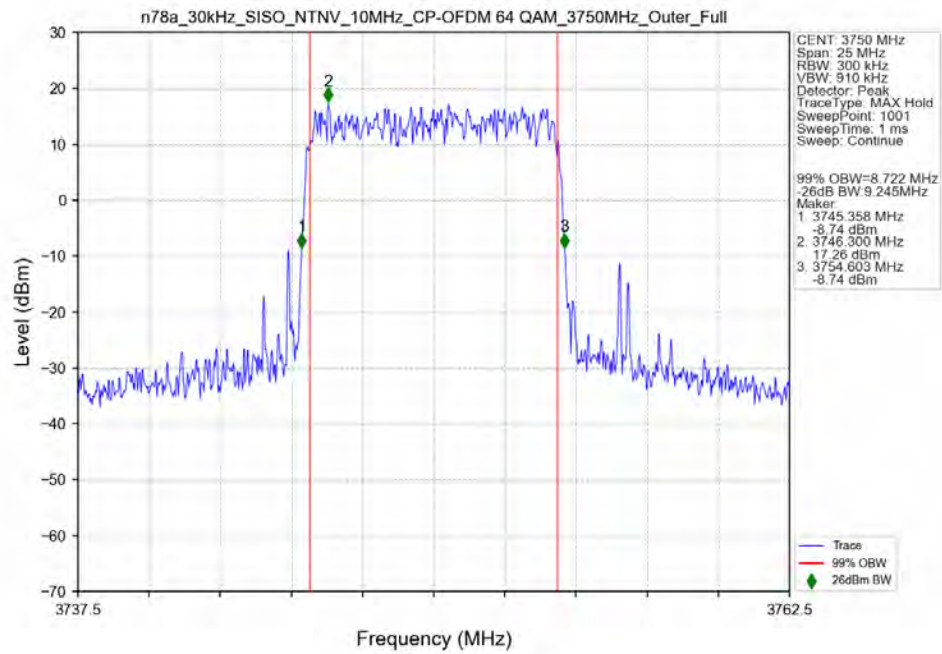
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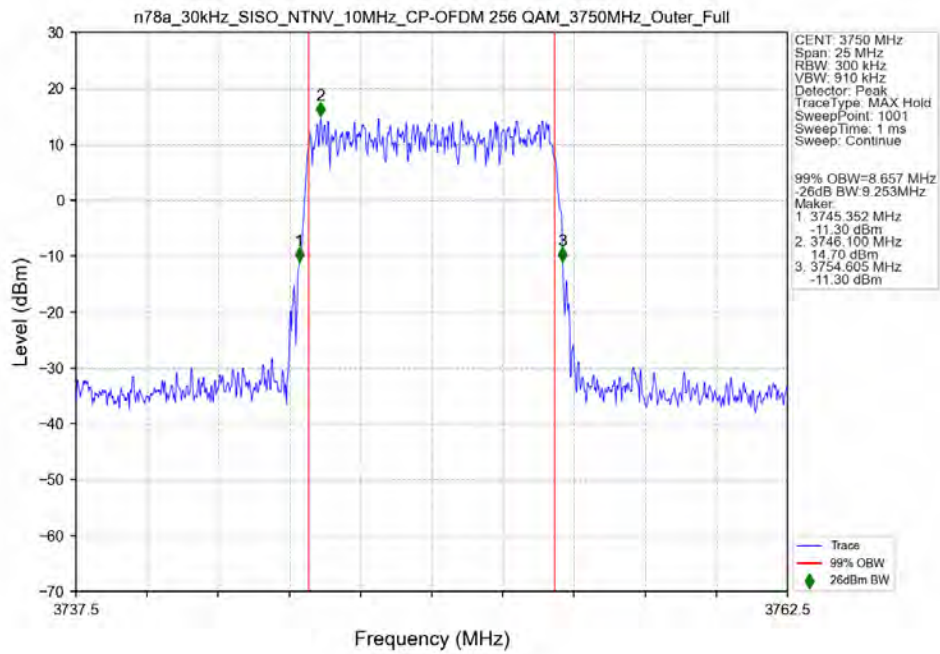
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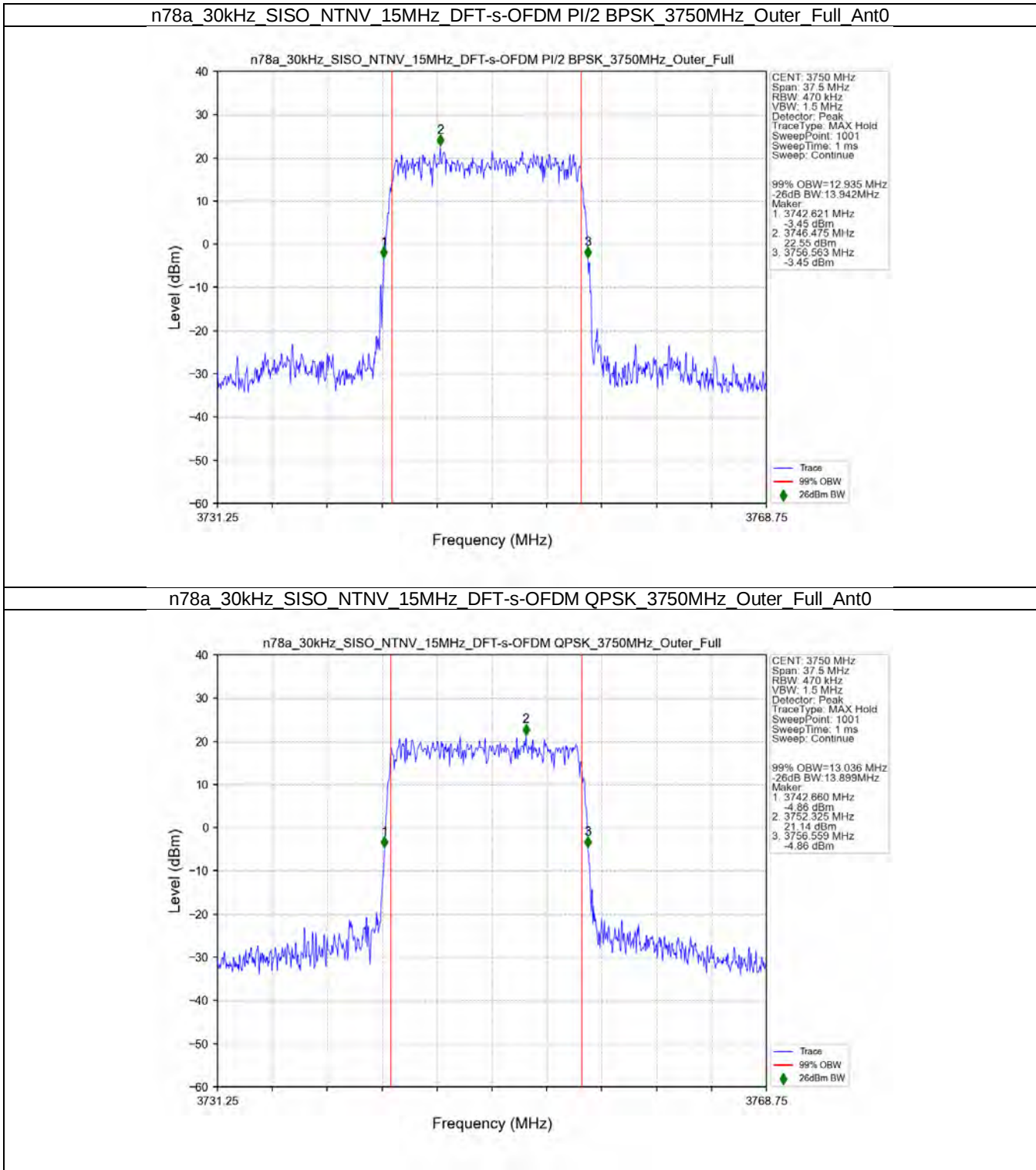
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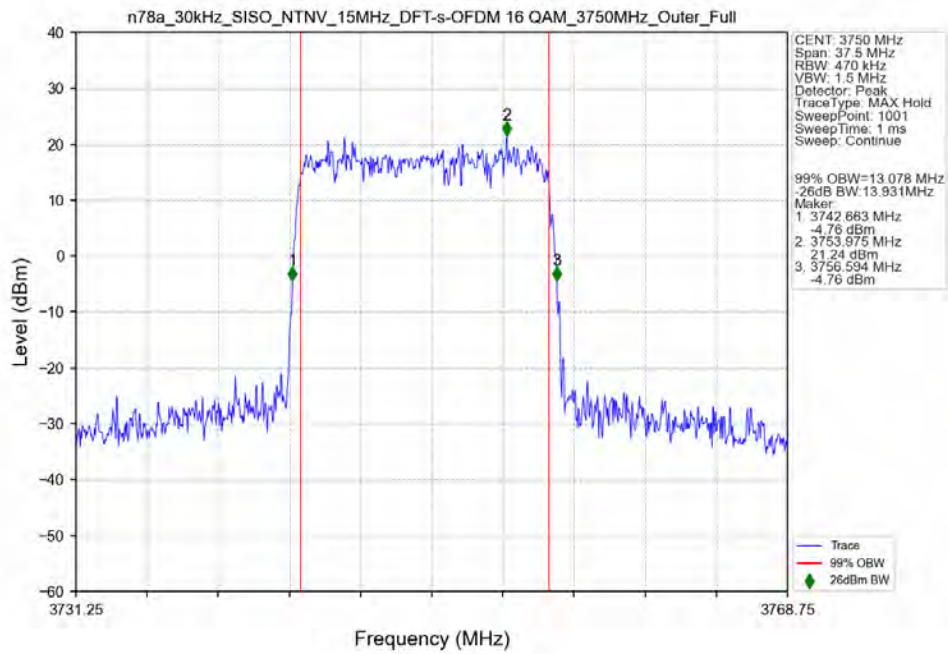
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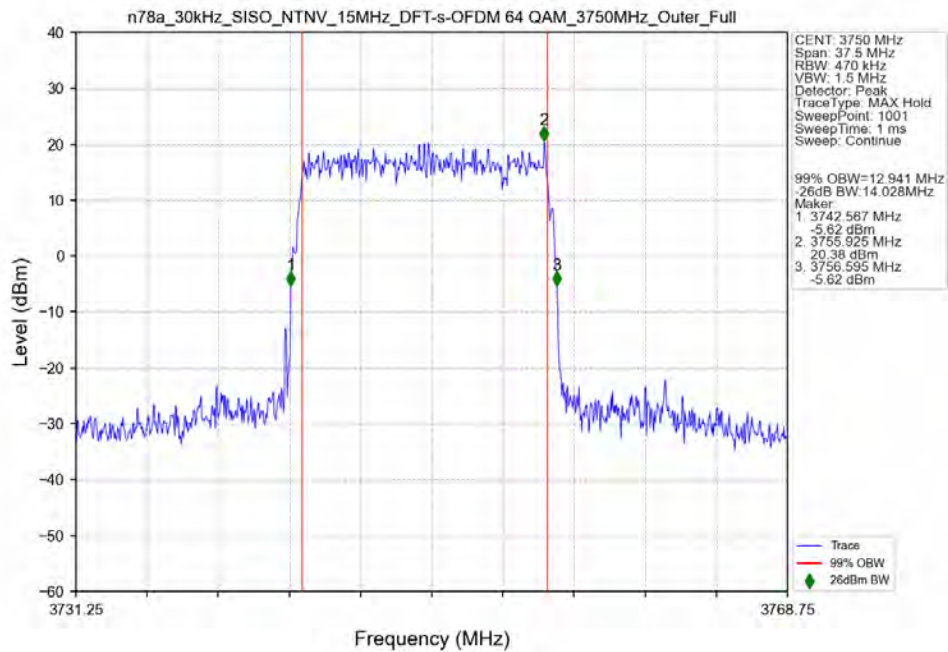
3.2.2 30k_SISO_15MHz_NTNV



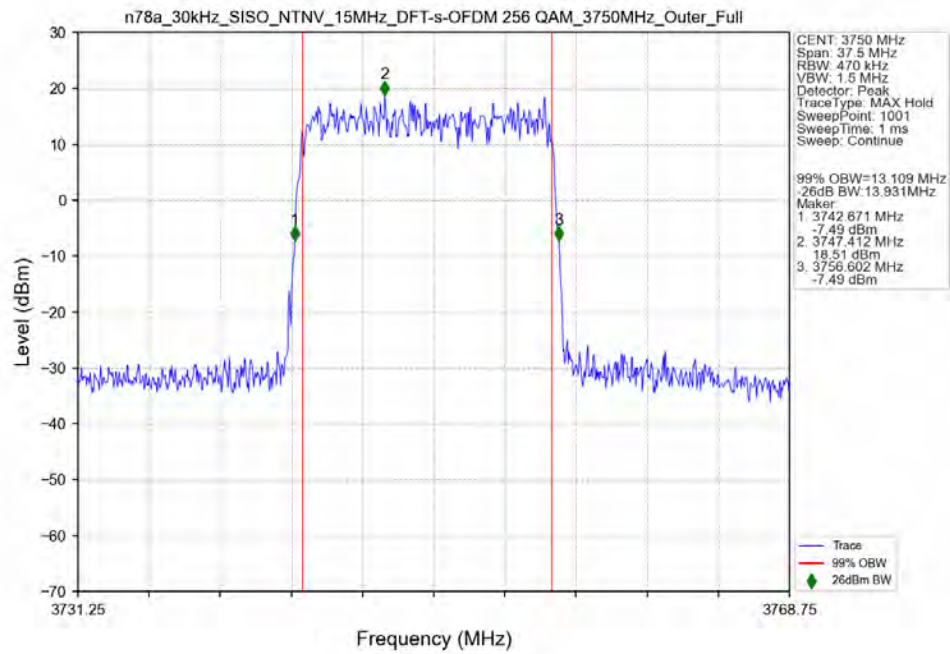
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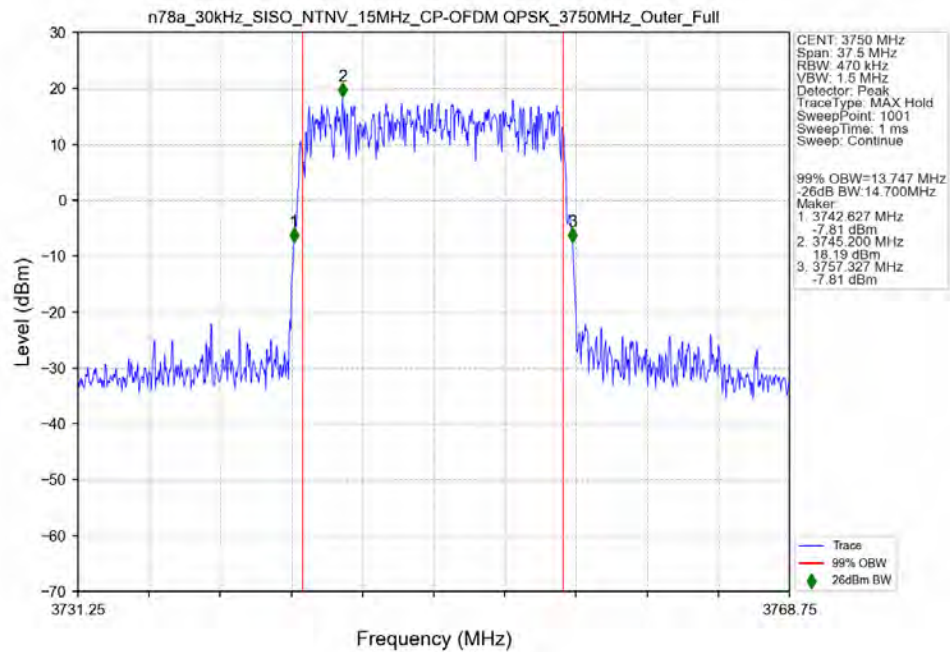
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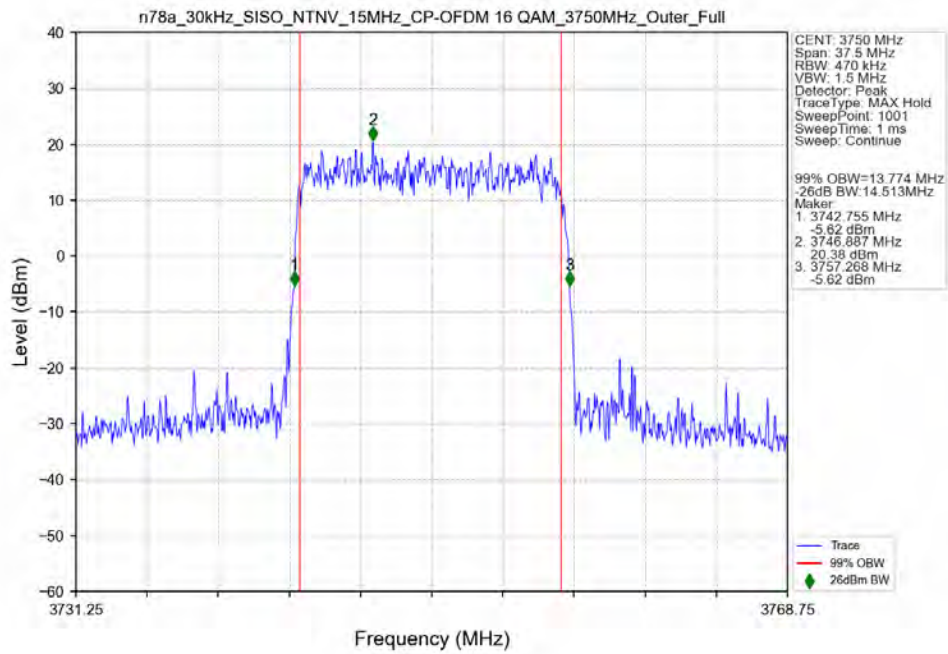
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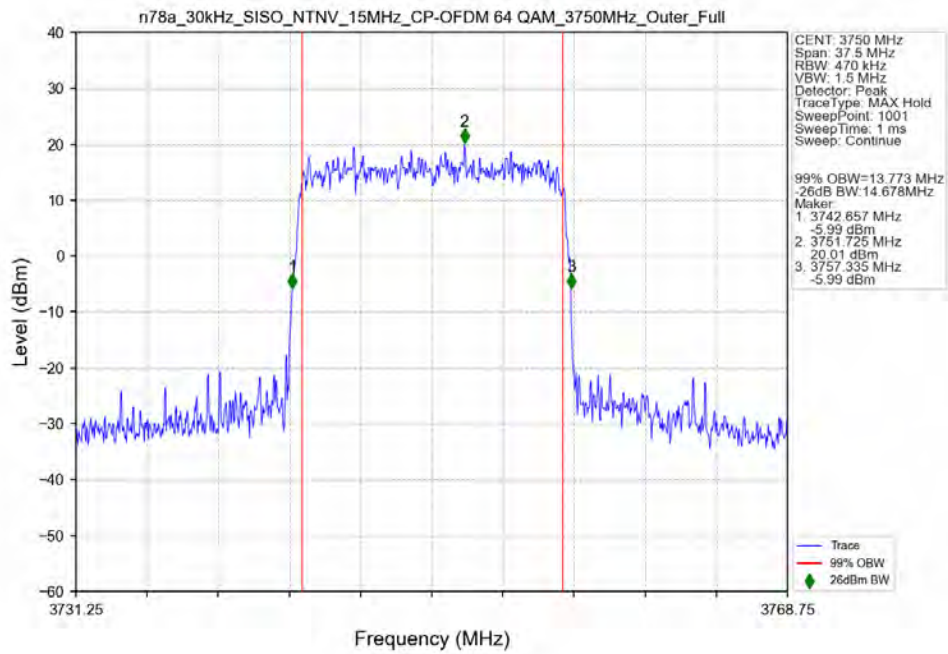
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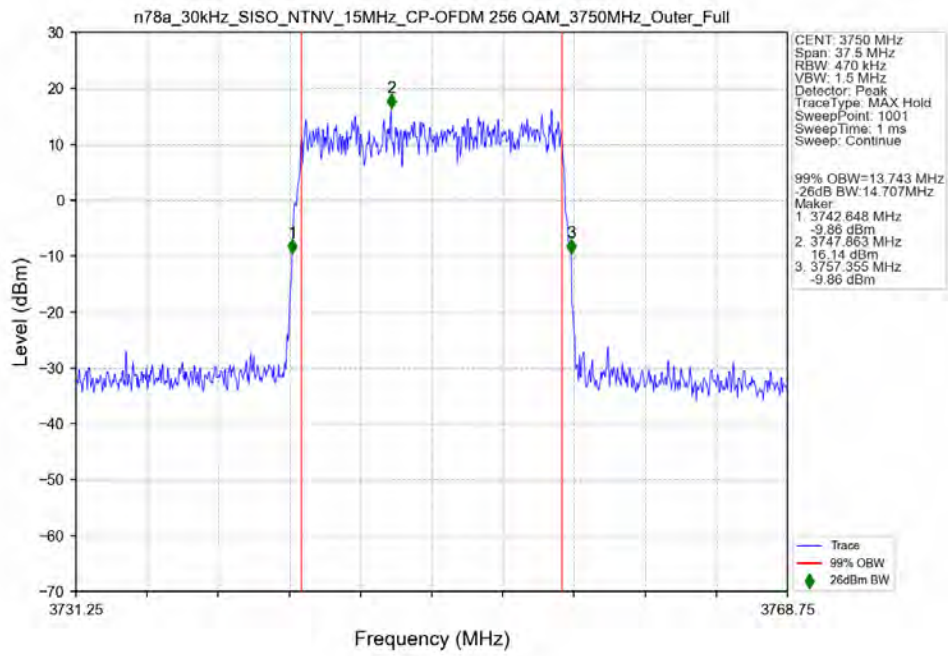
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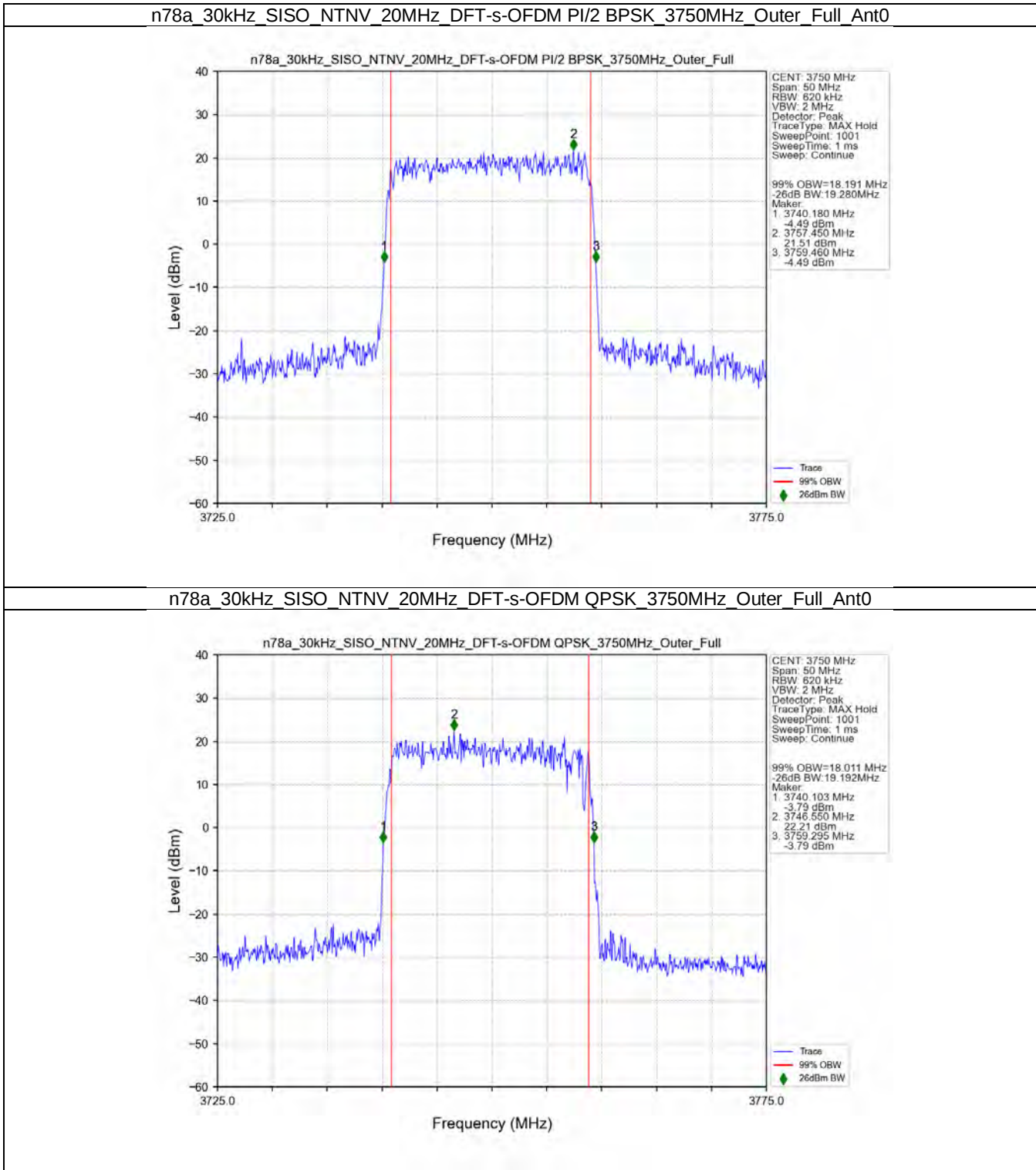
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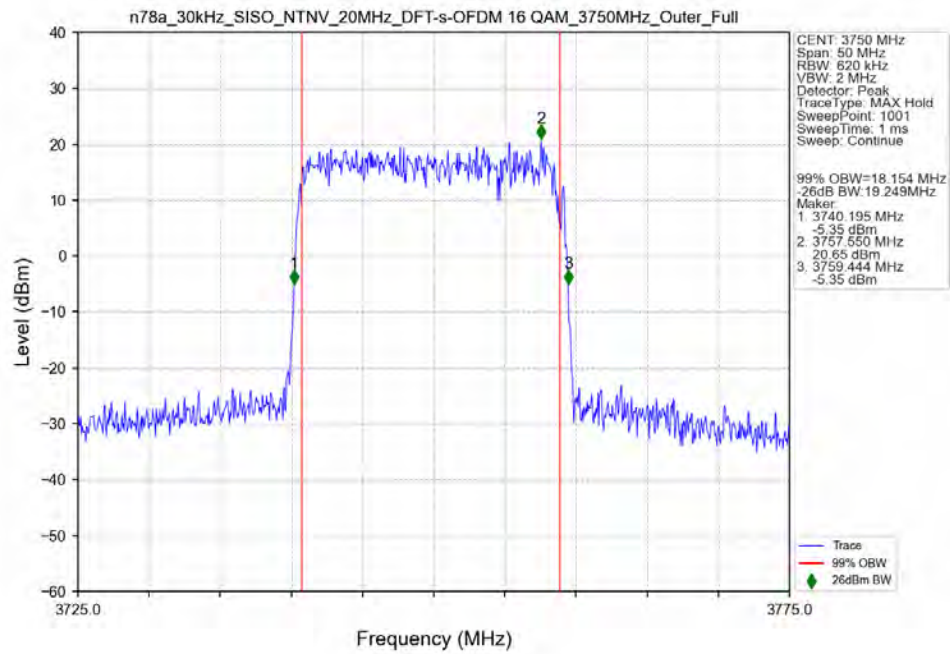
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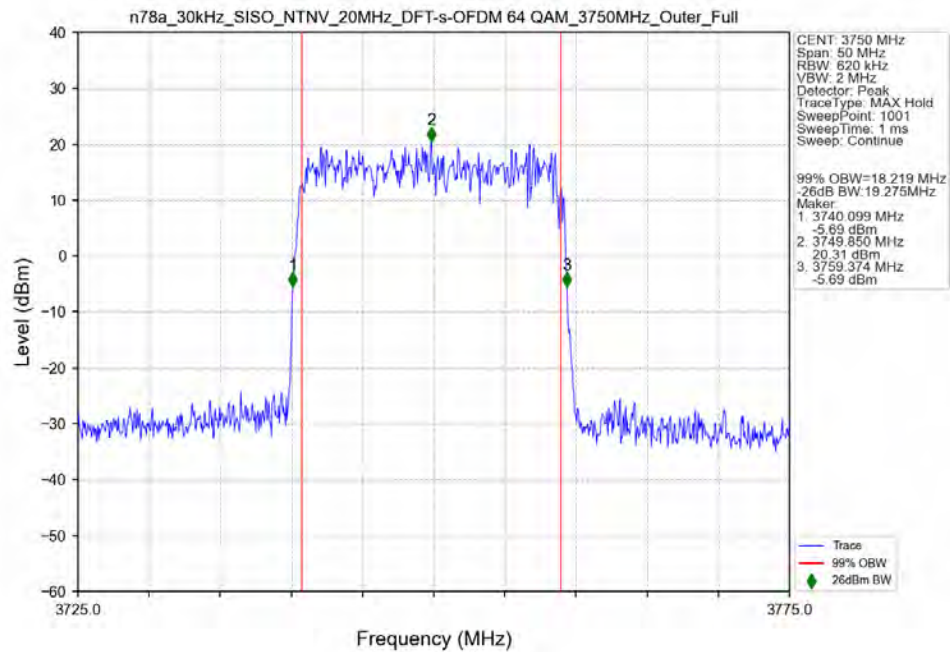
3.2.3 30k_SISO_20MHz_NTNV



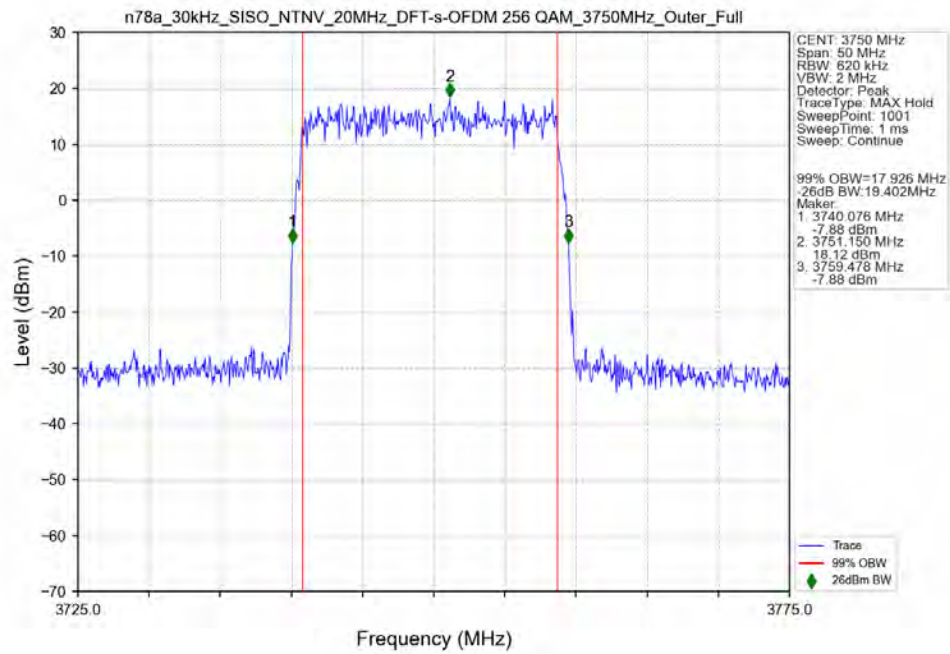
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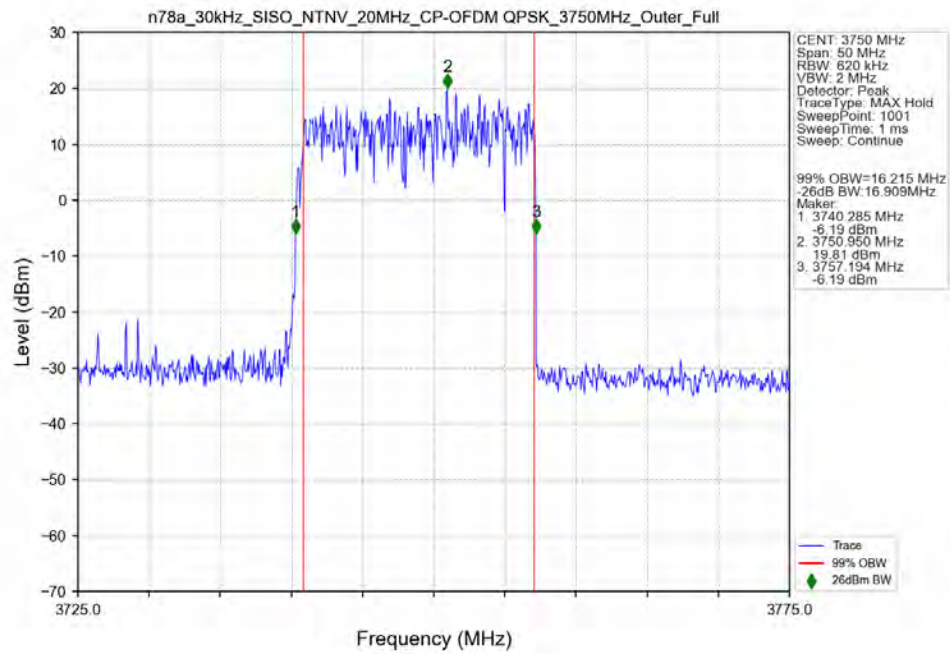
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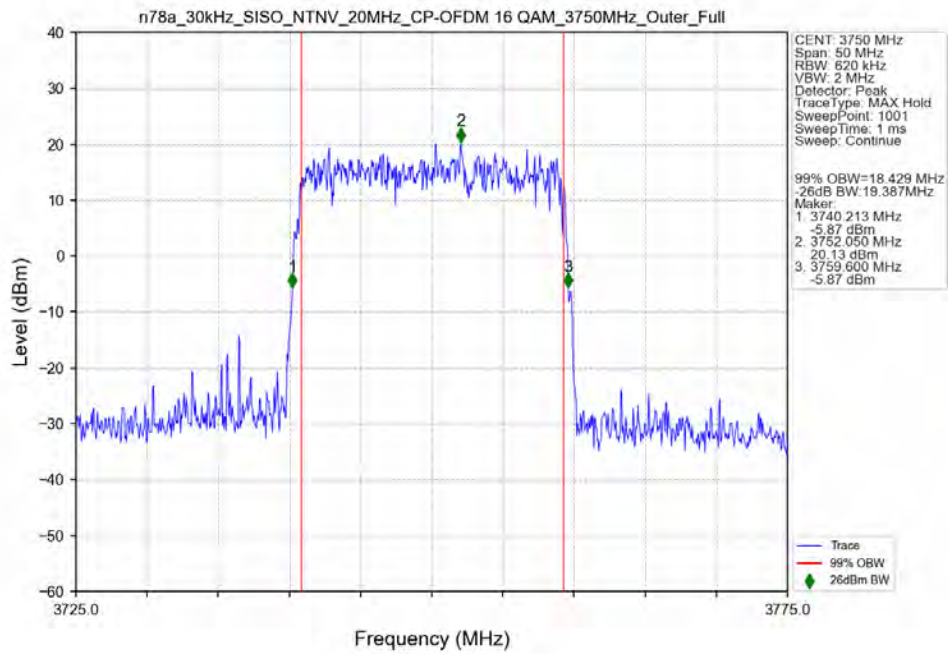
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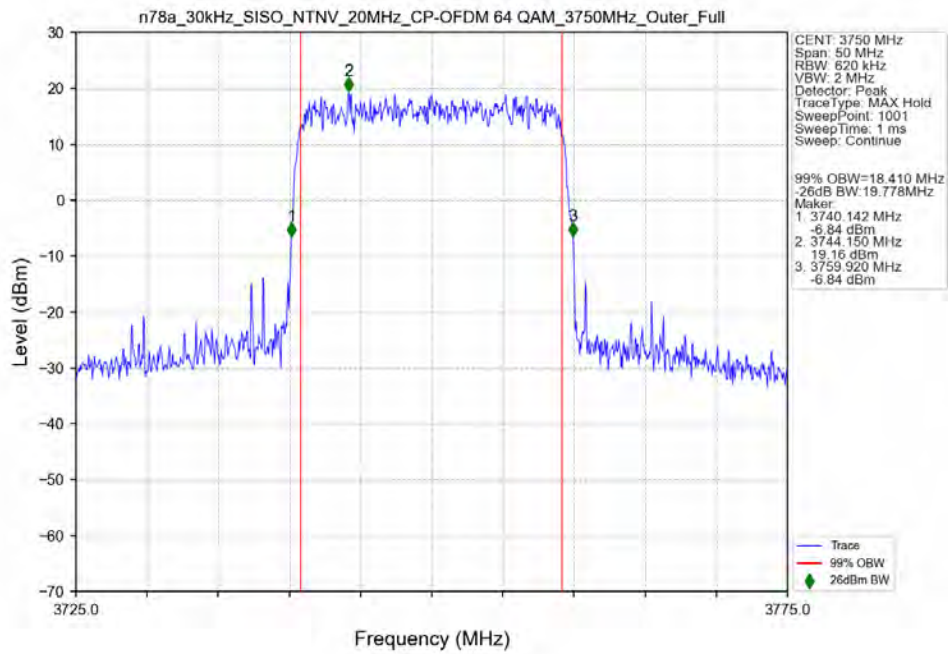
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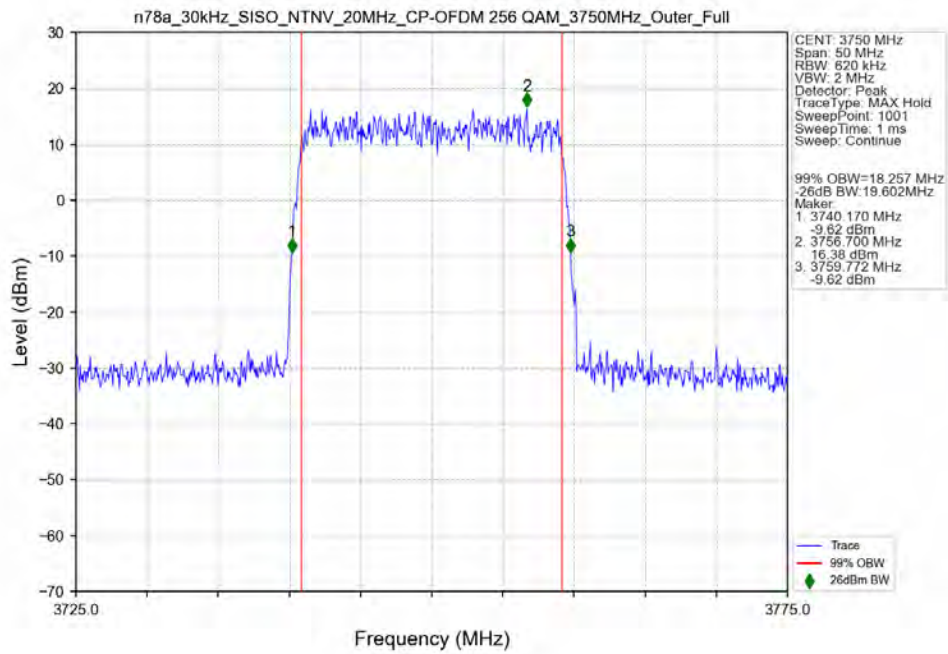
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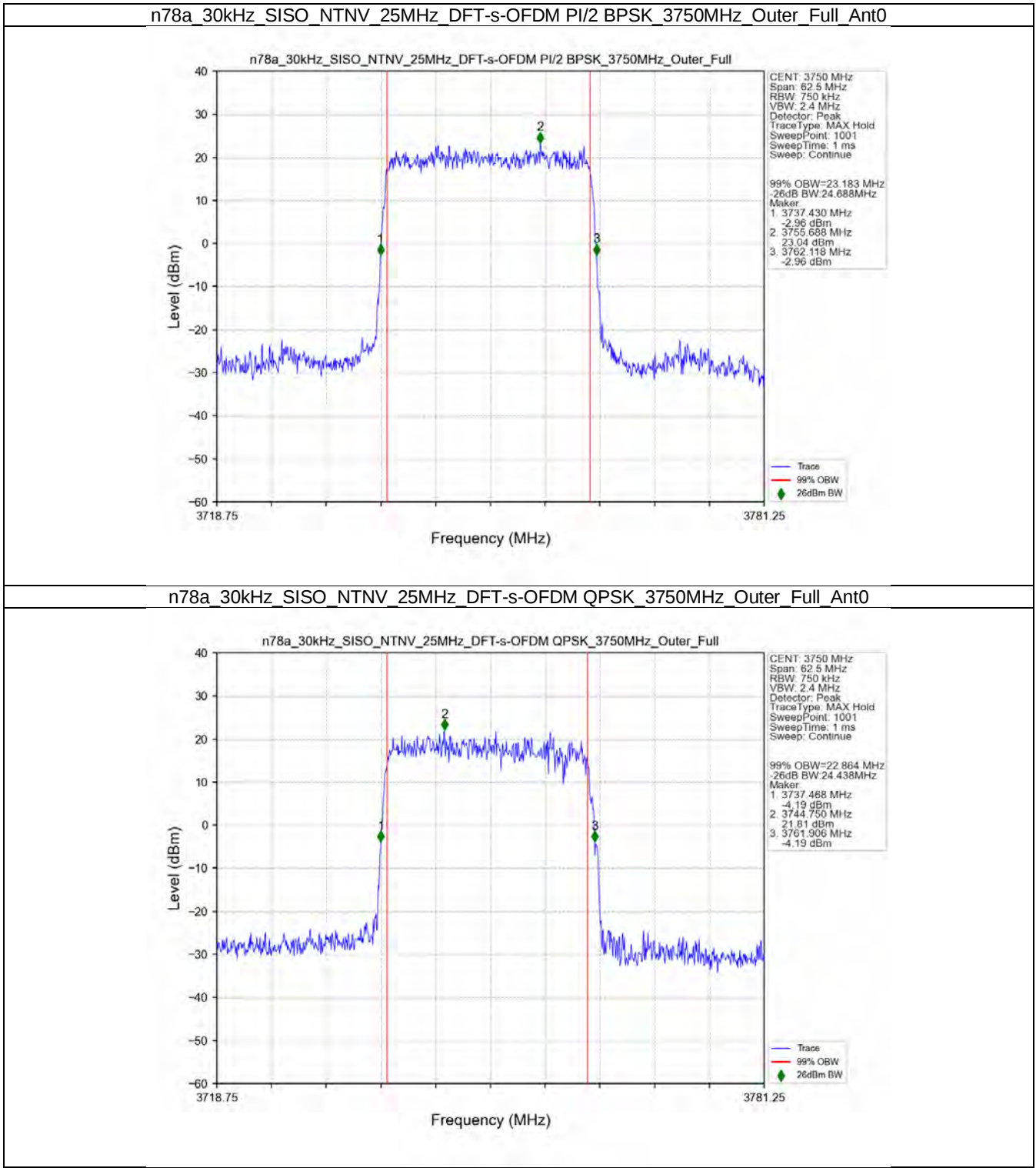
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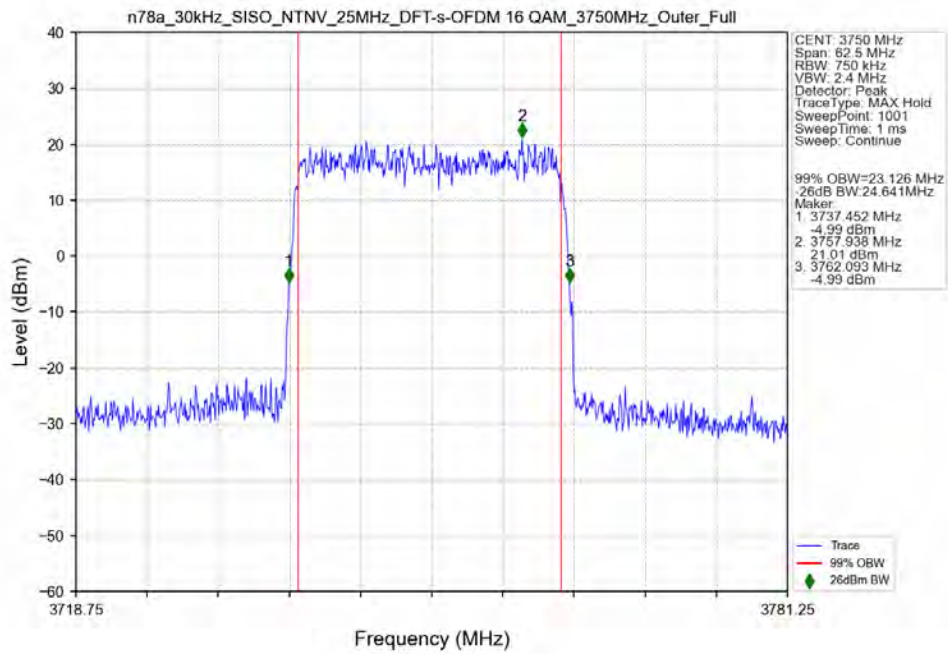
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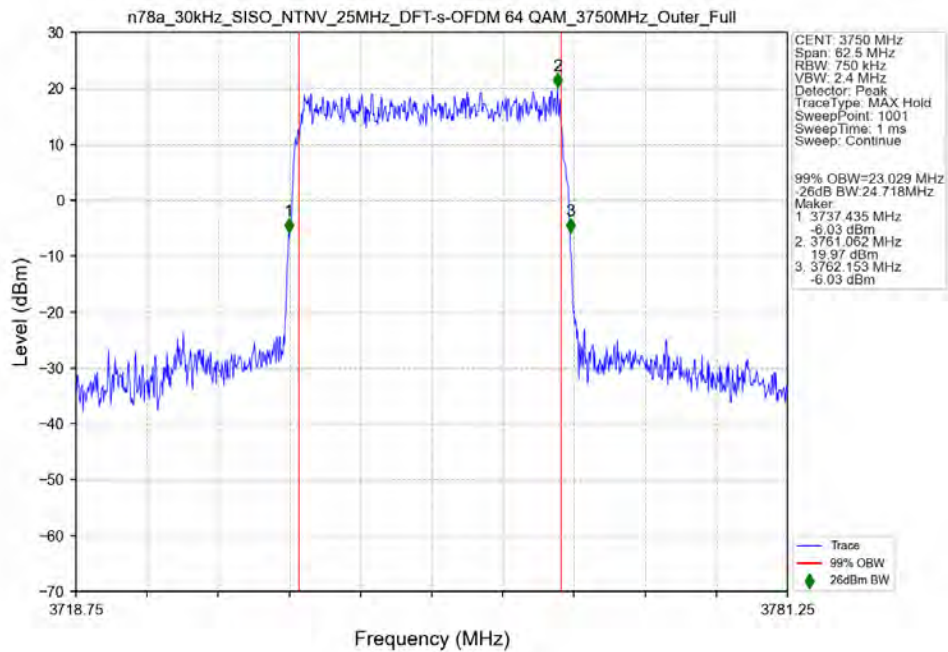
3.2.4 30k_SISO_25MHz_NTNV



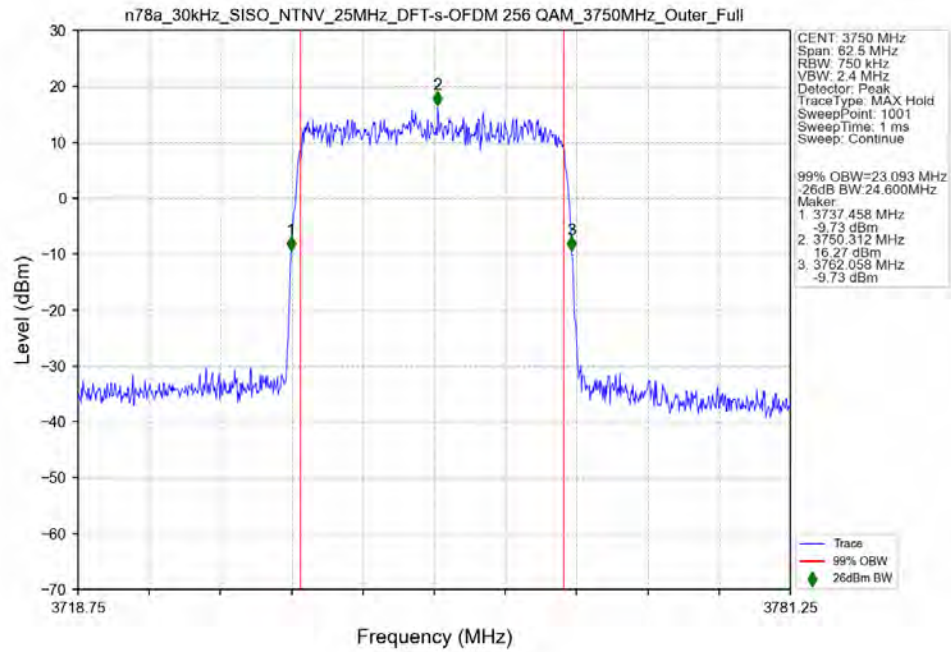
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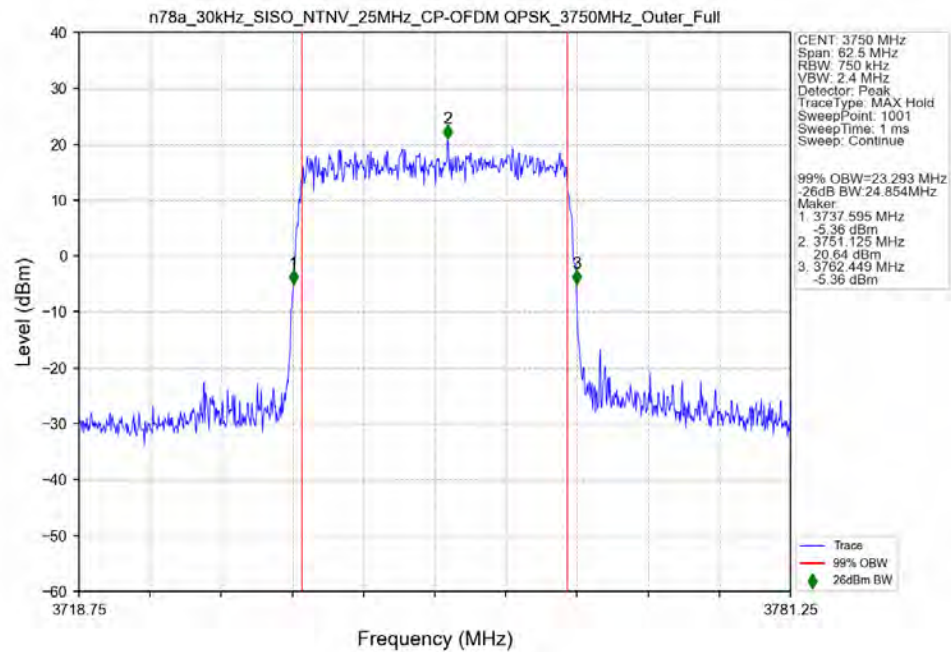
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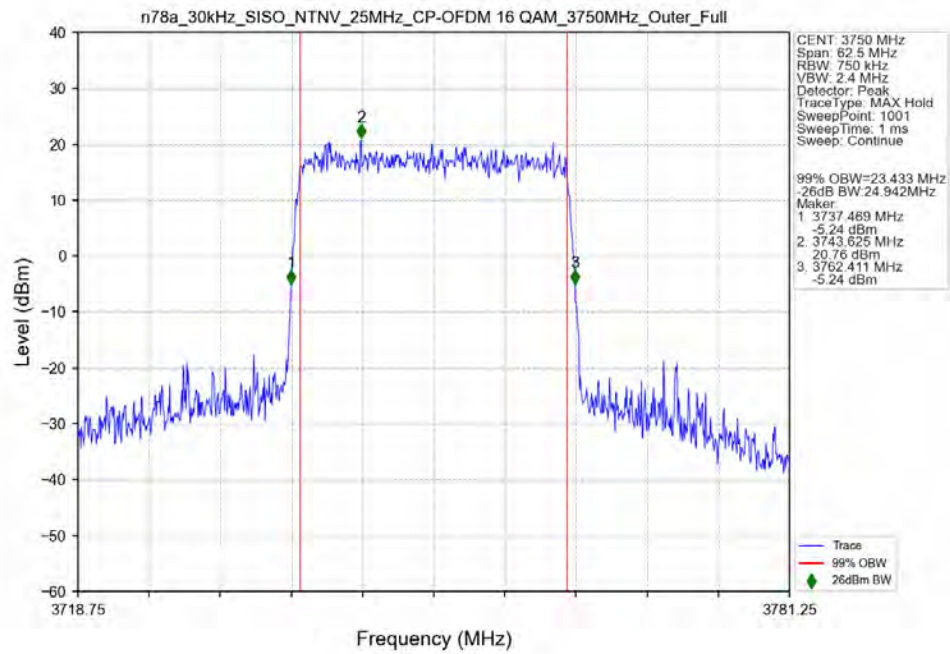
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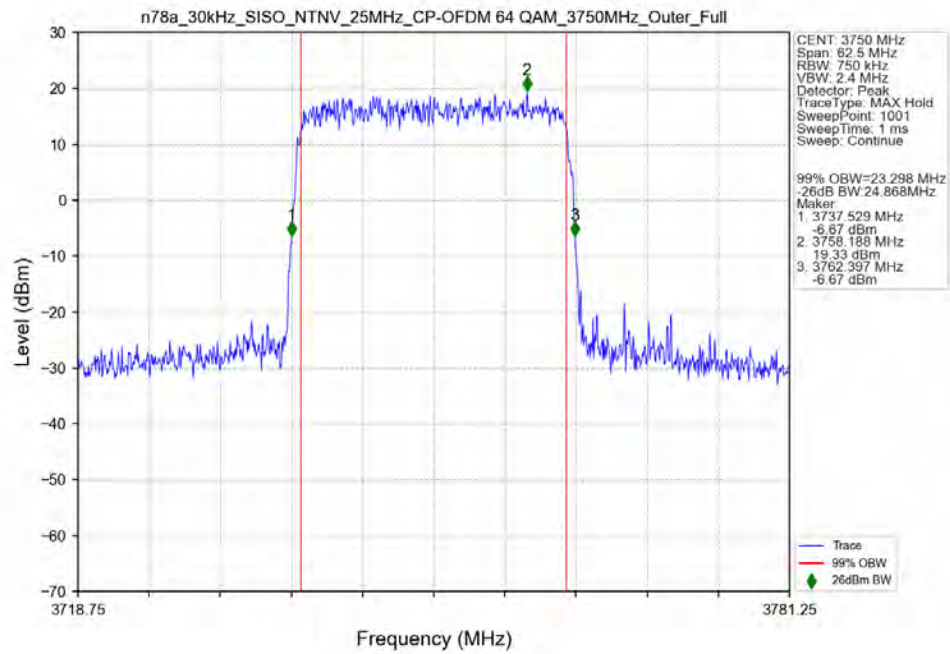
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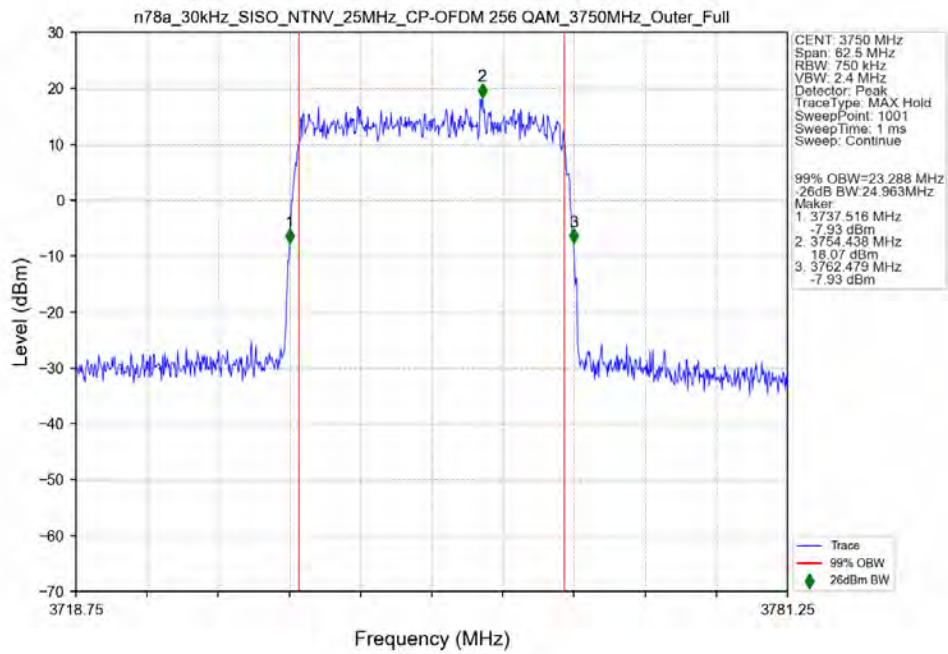
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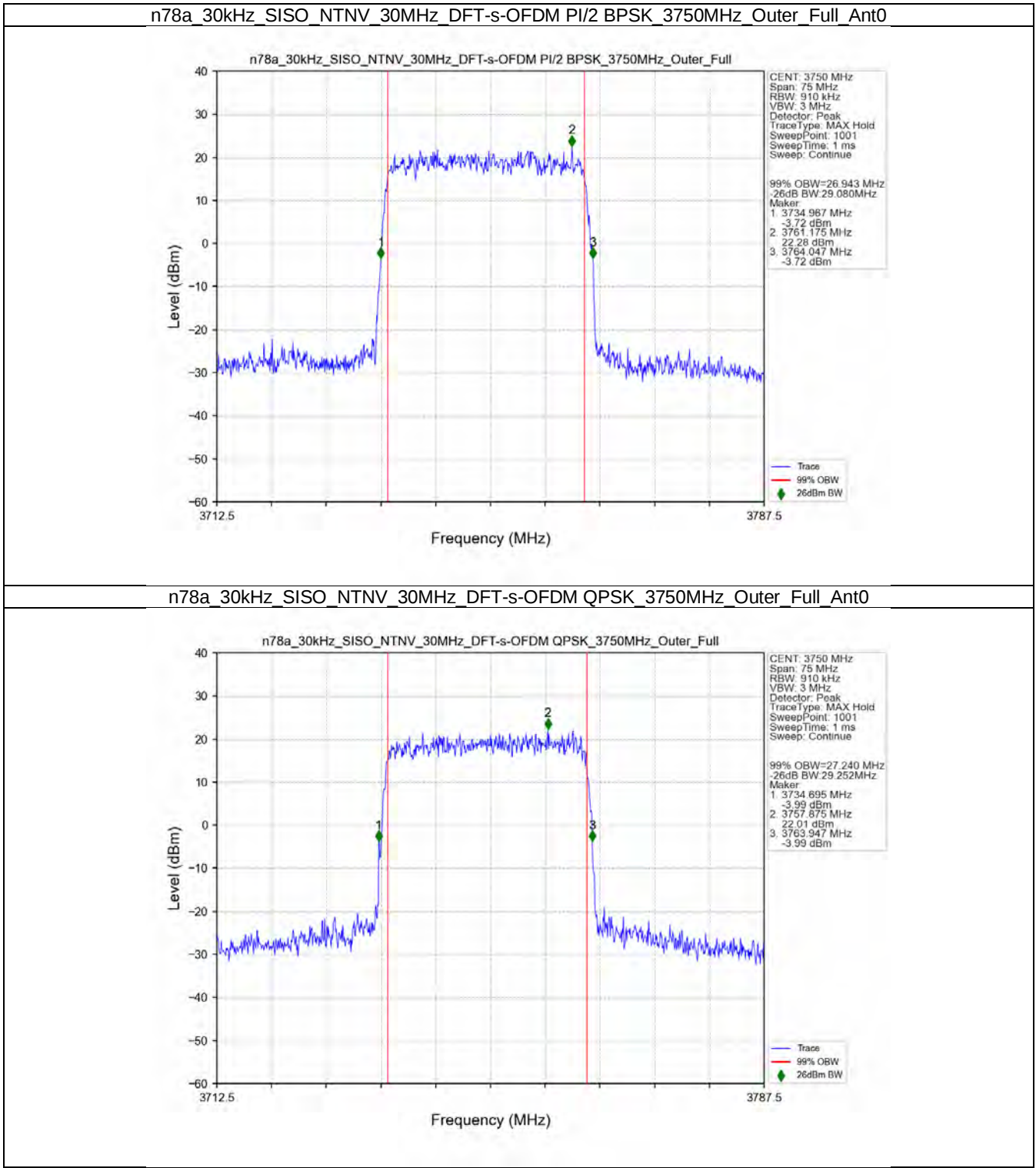
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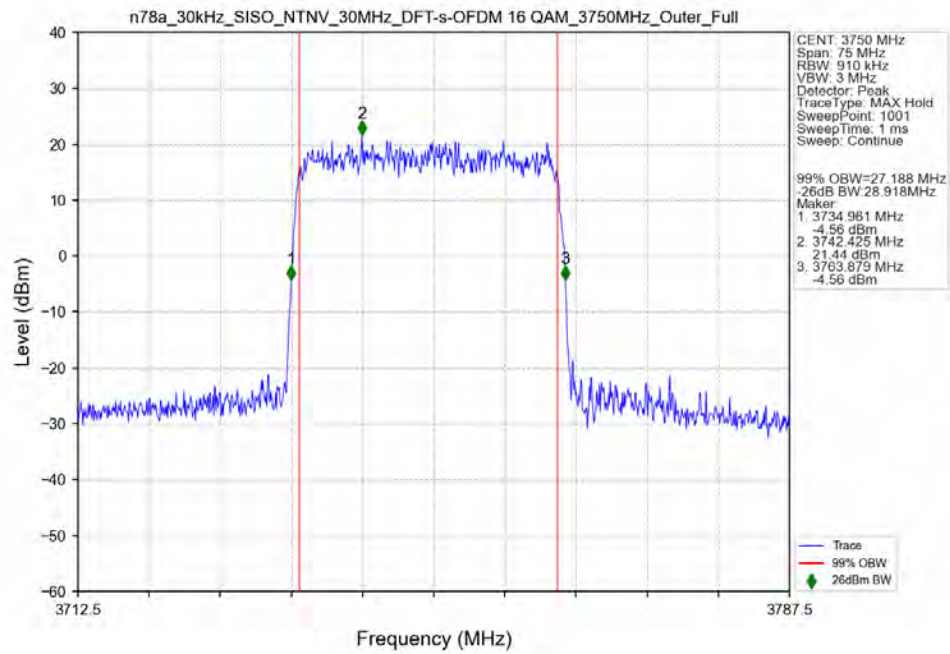
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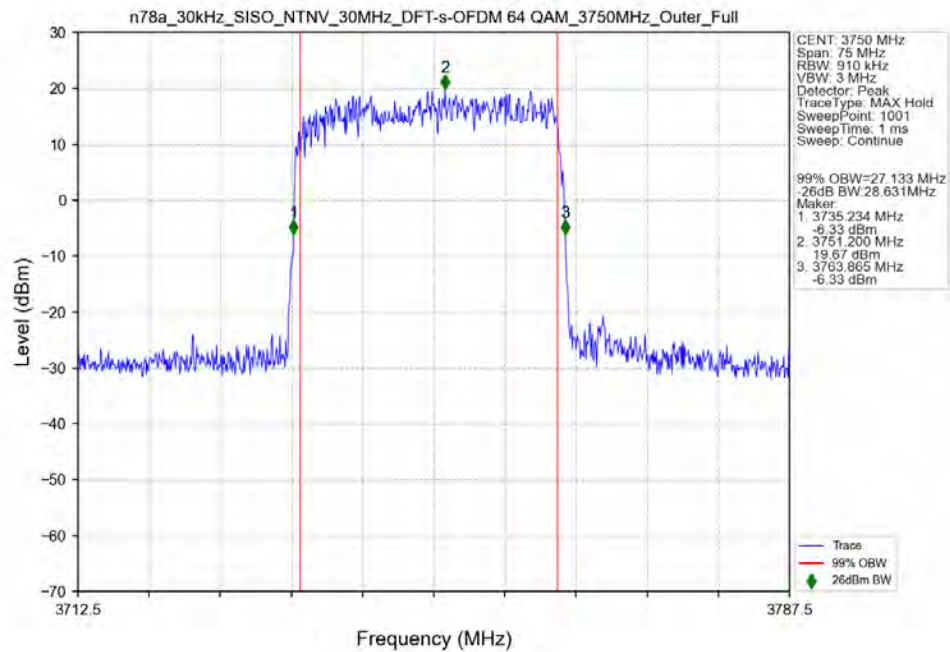
3.2.5 30k_SISO_30MHz_NTNV



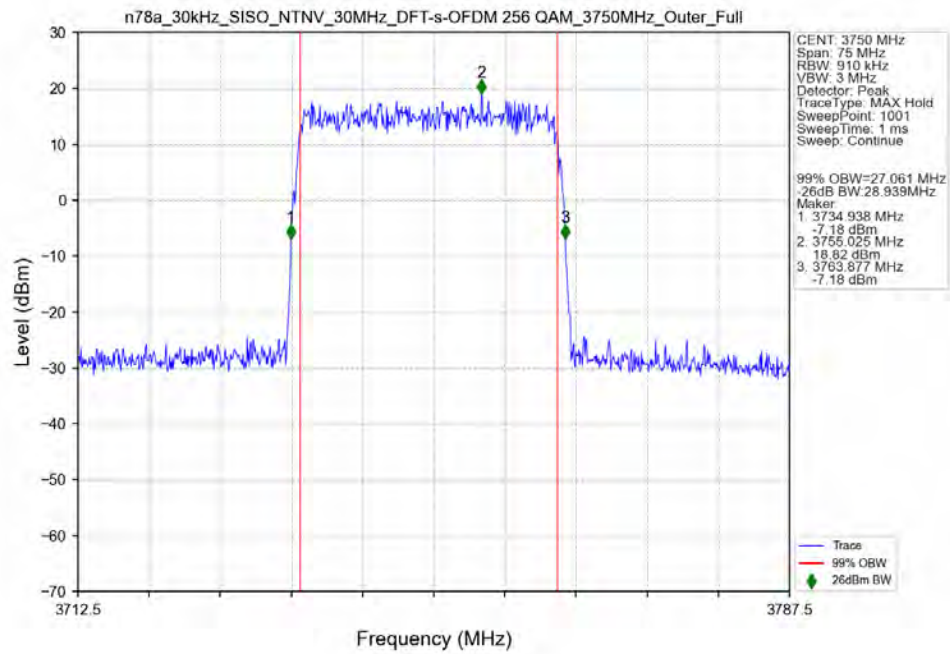
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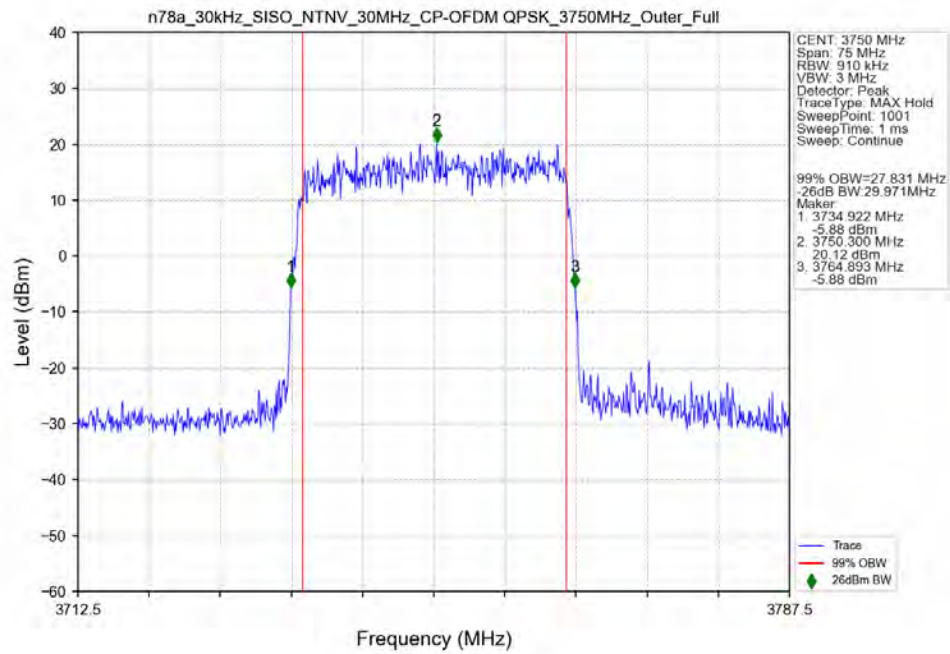
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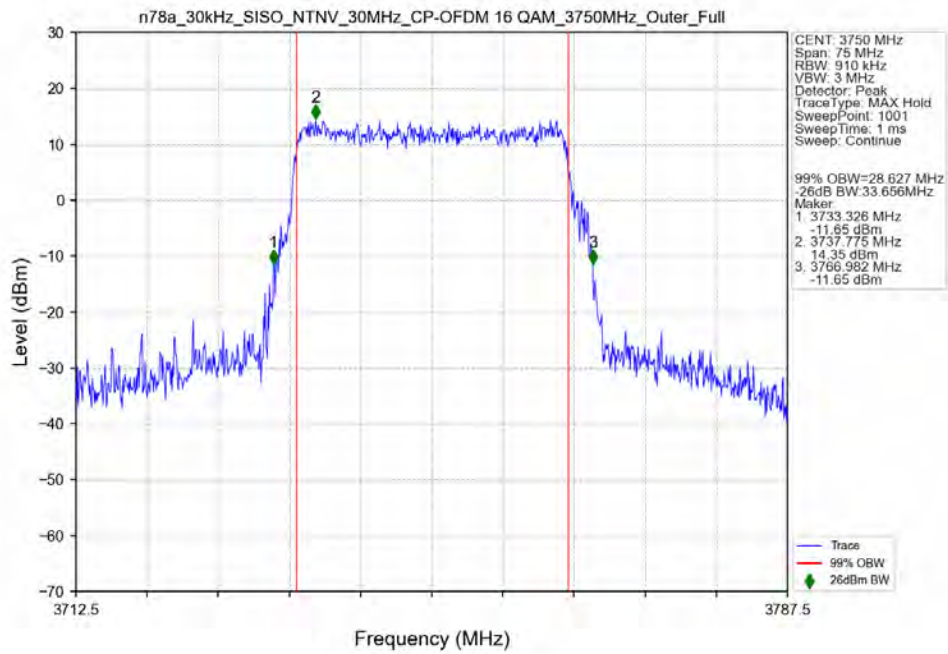
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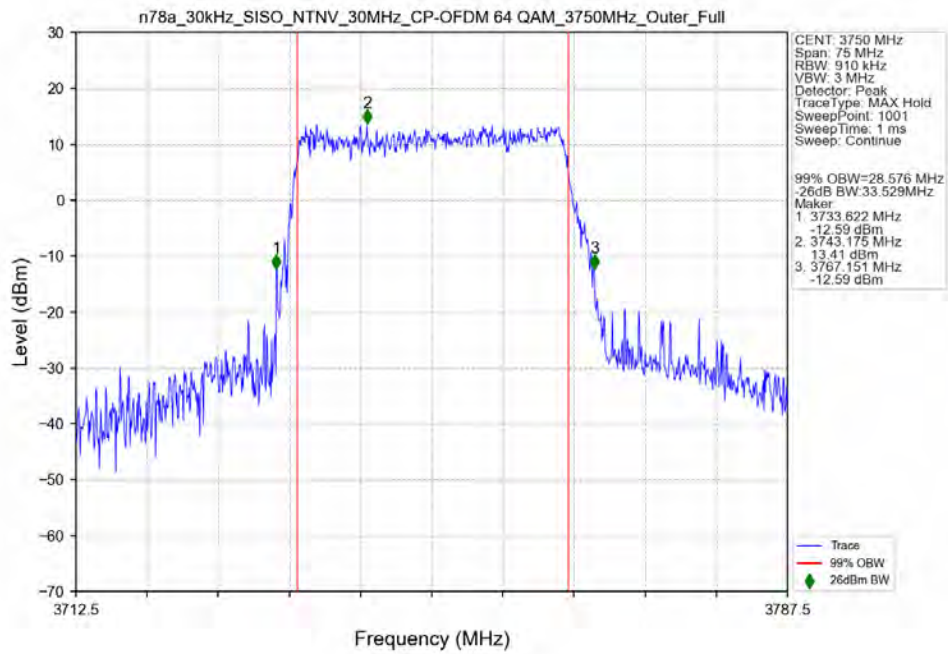
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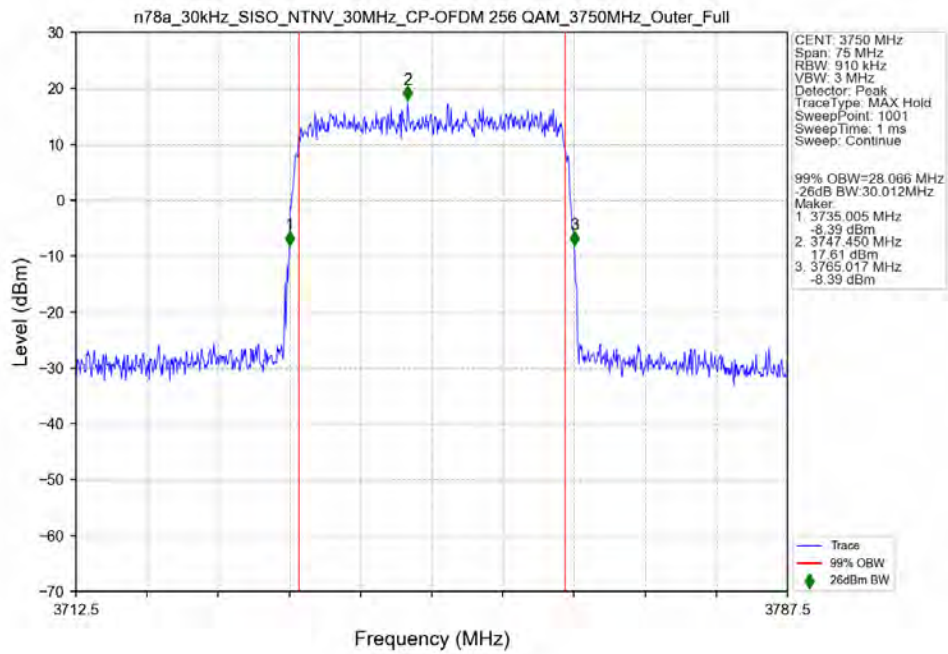
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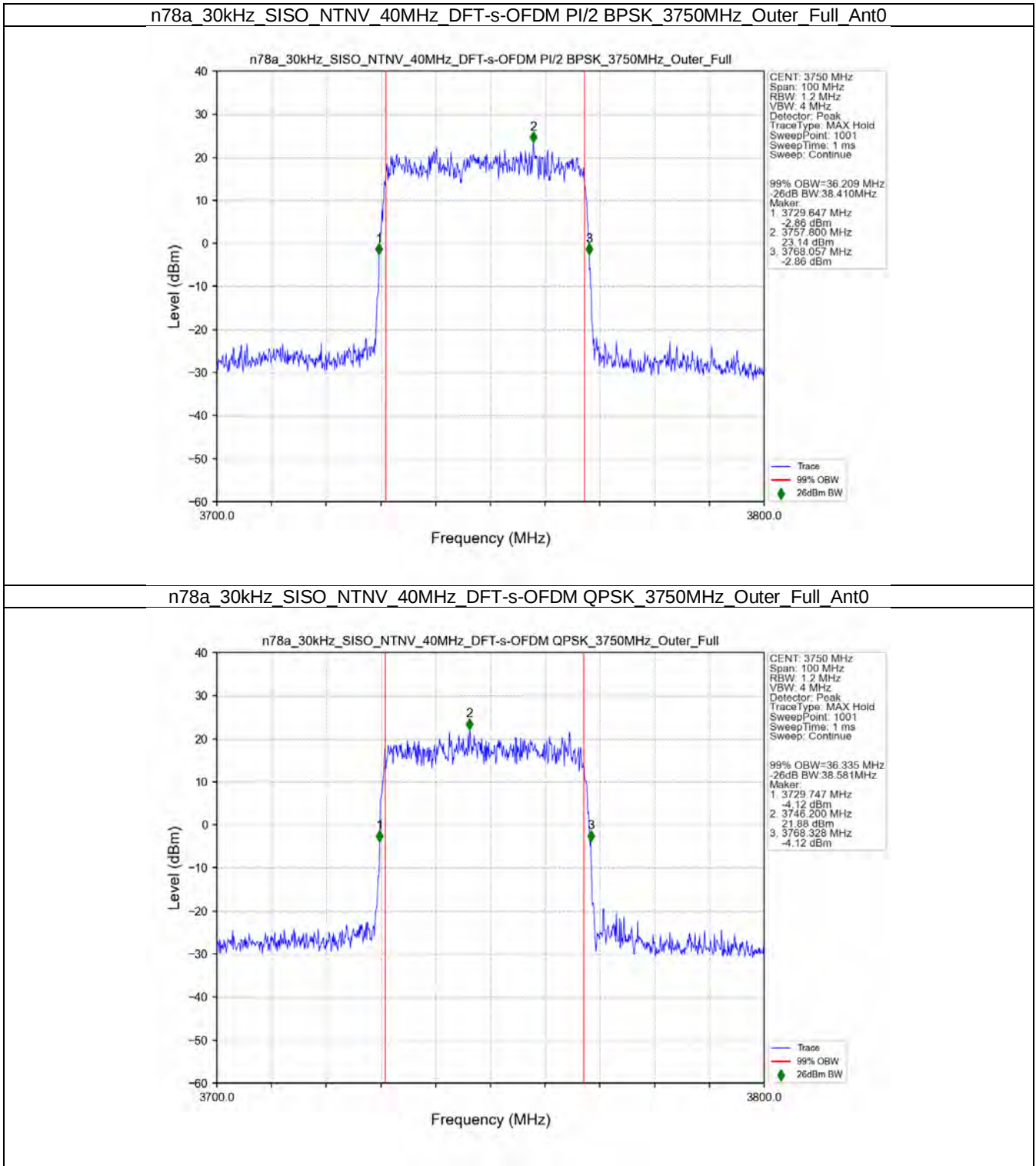
n78a_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant0



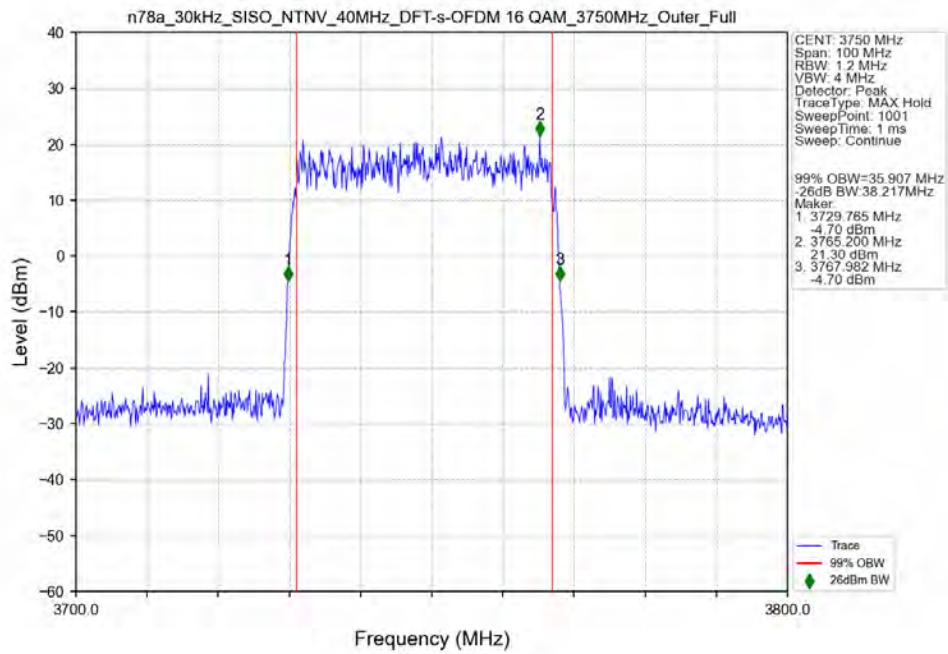
n78a_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant0



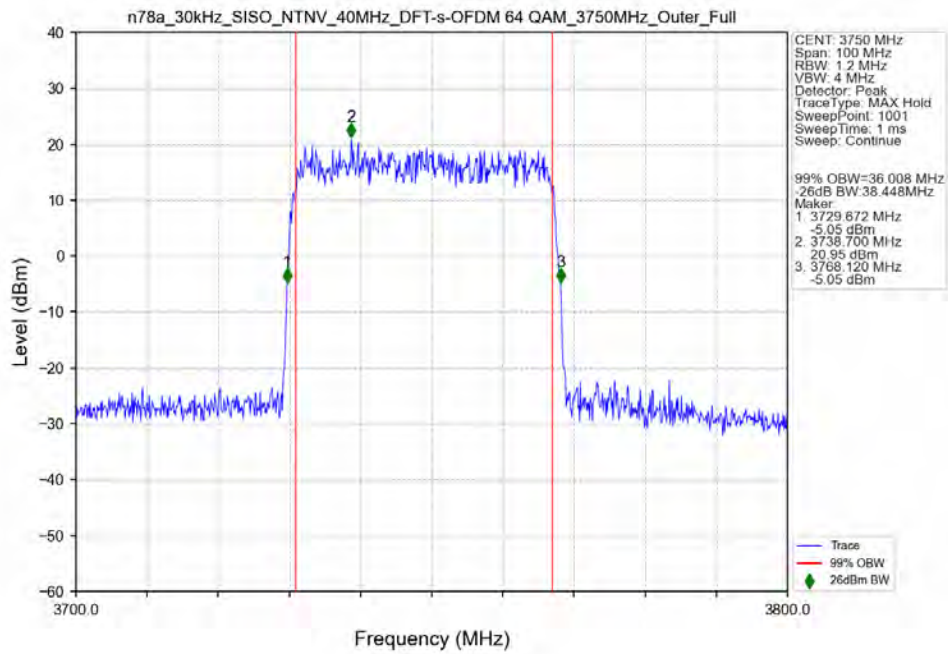
3.2.6 30k_SISO_40MHz_NTNV



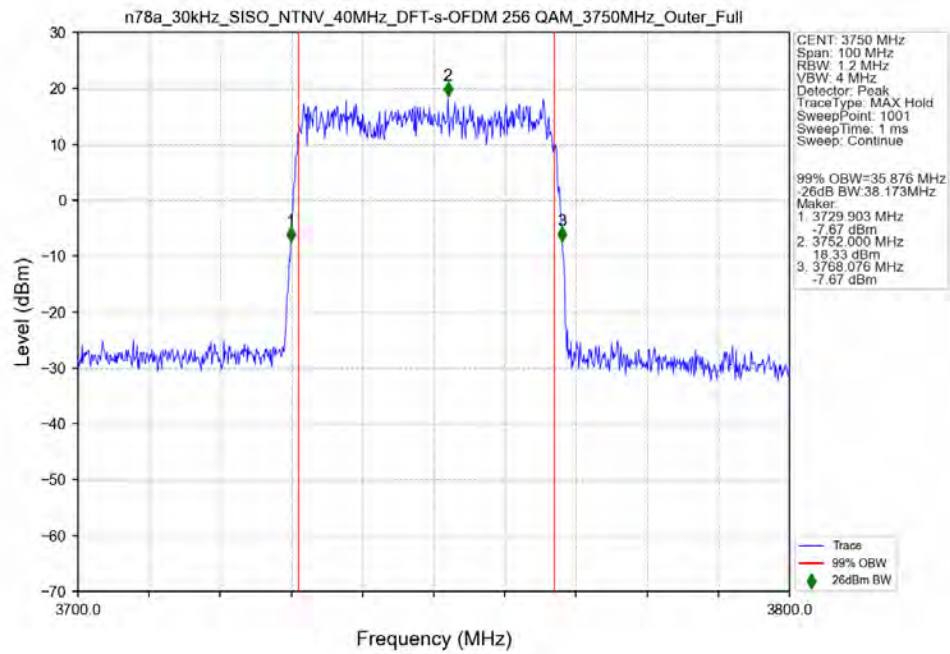
n78a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant0



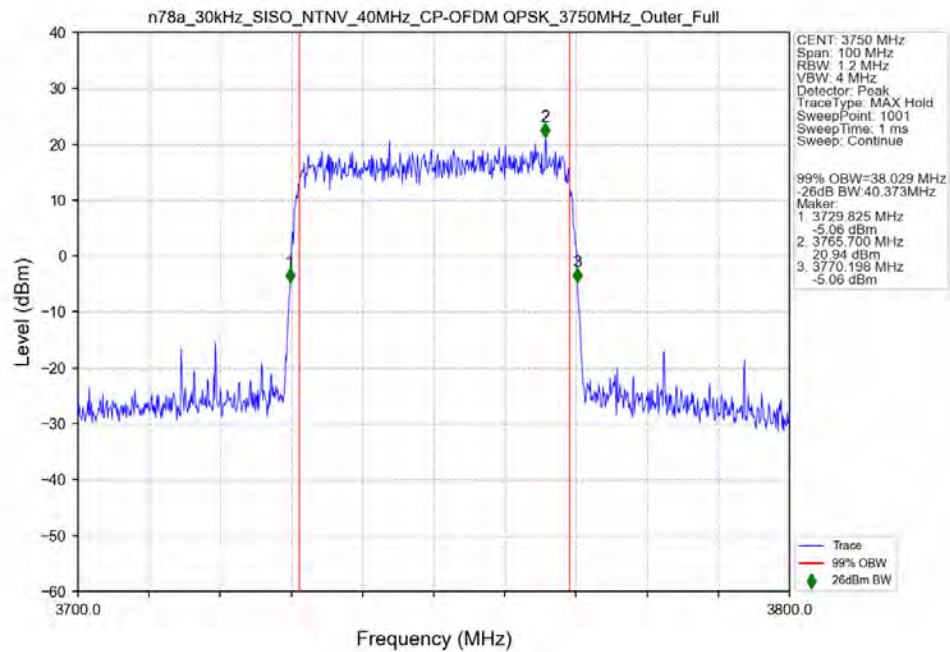
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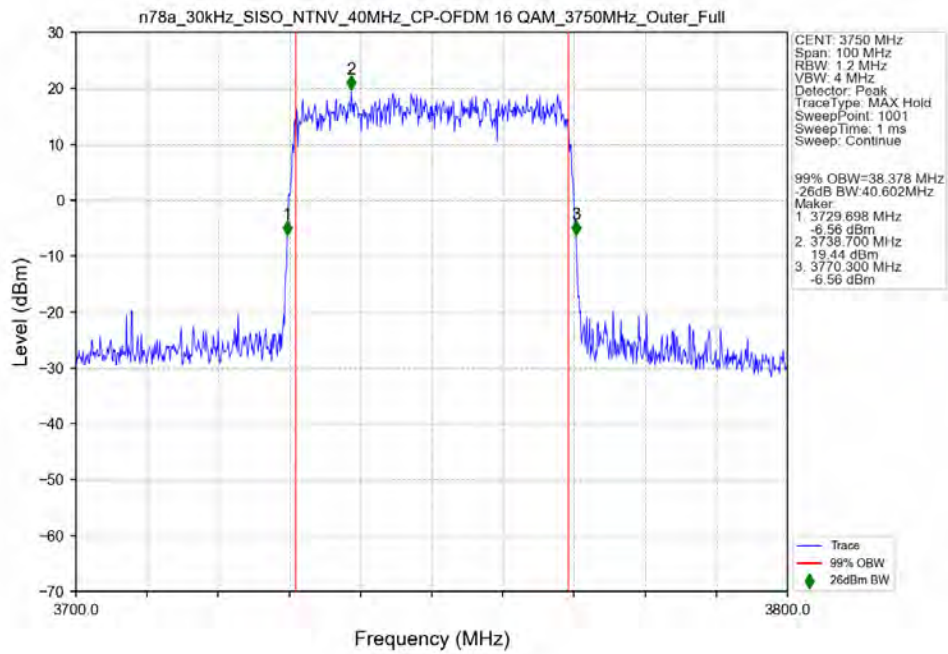
n78a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant0



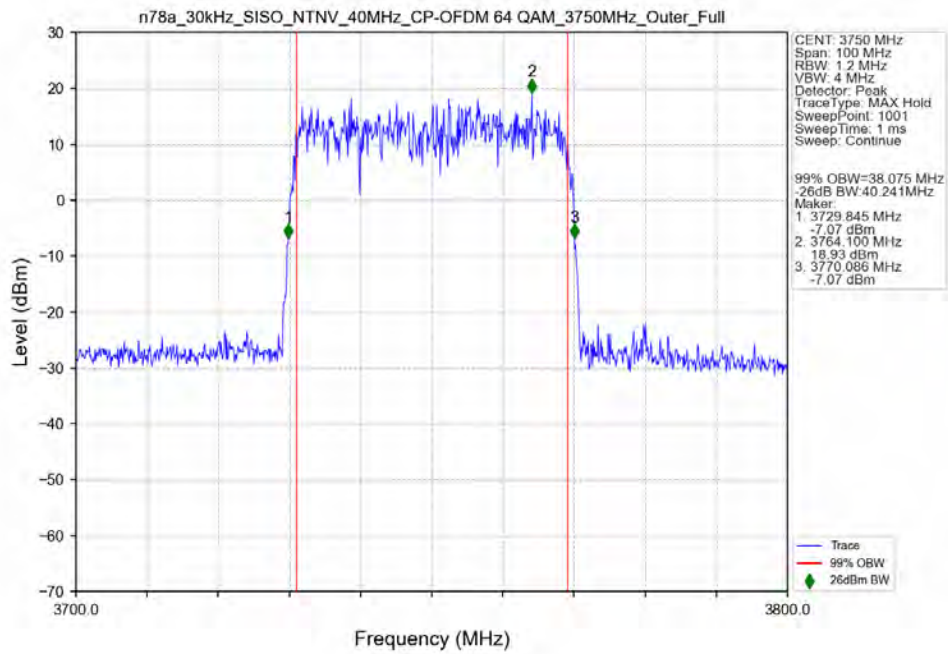
n78a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant0



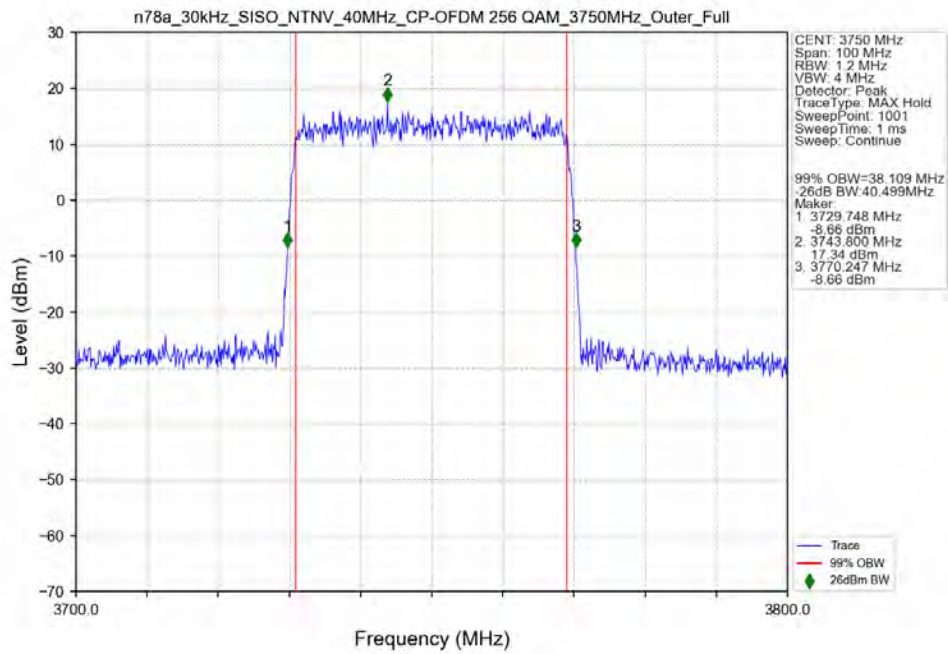
n78a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full_Ant0



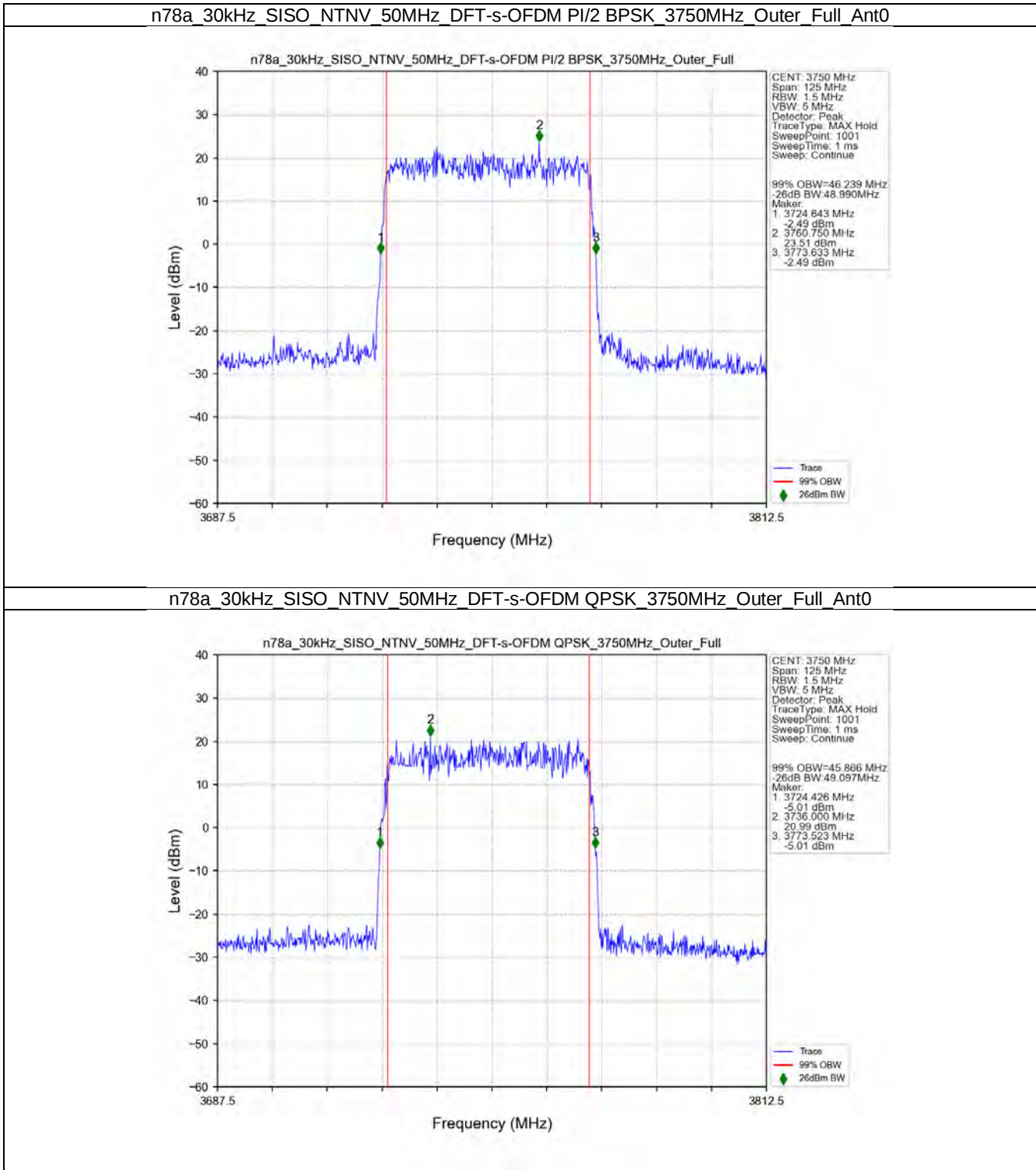
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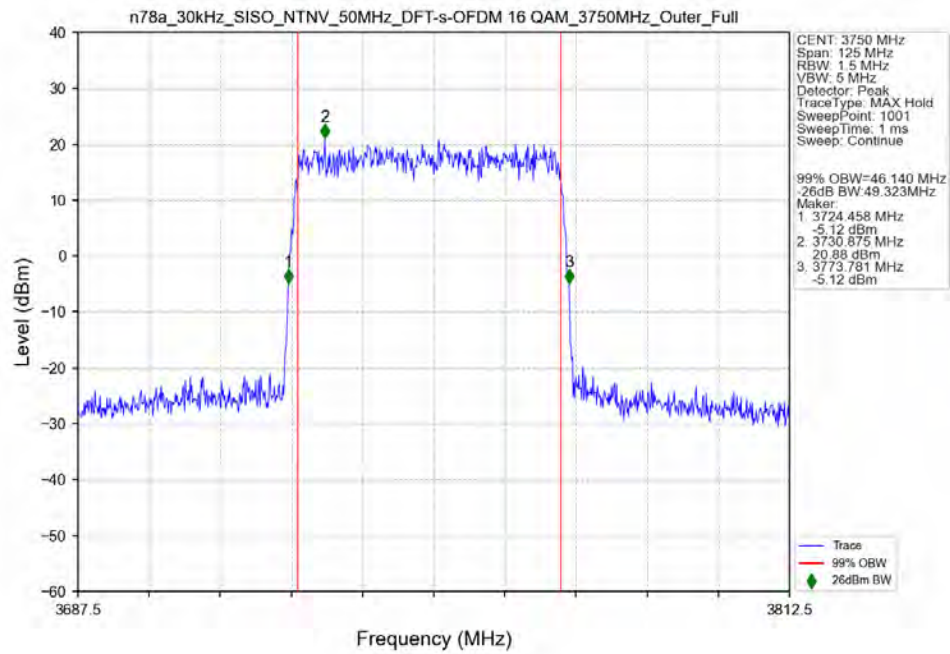
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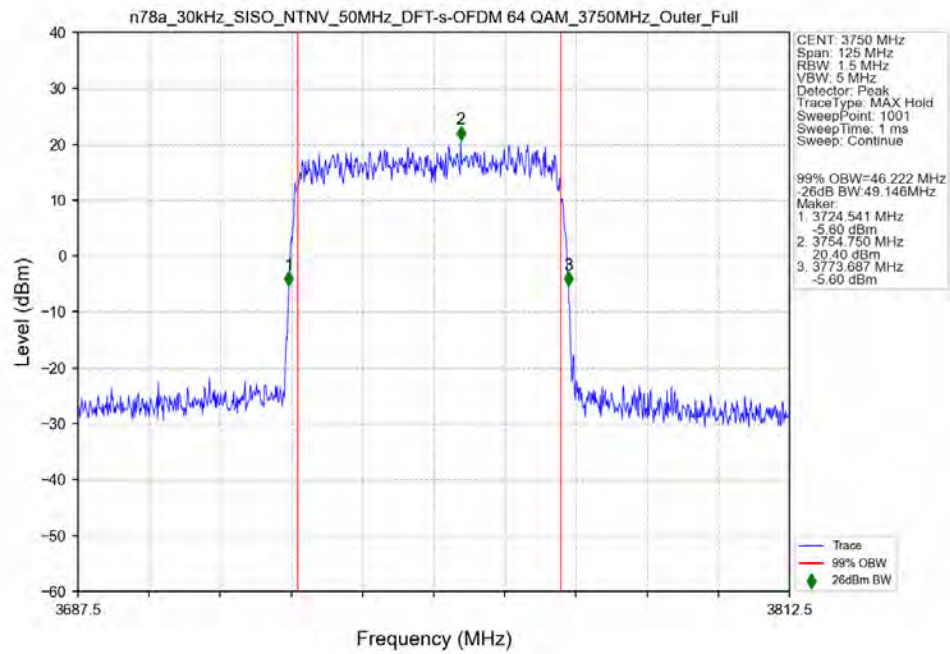
3.2.7 30k_SISO_50MHz_NTNV



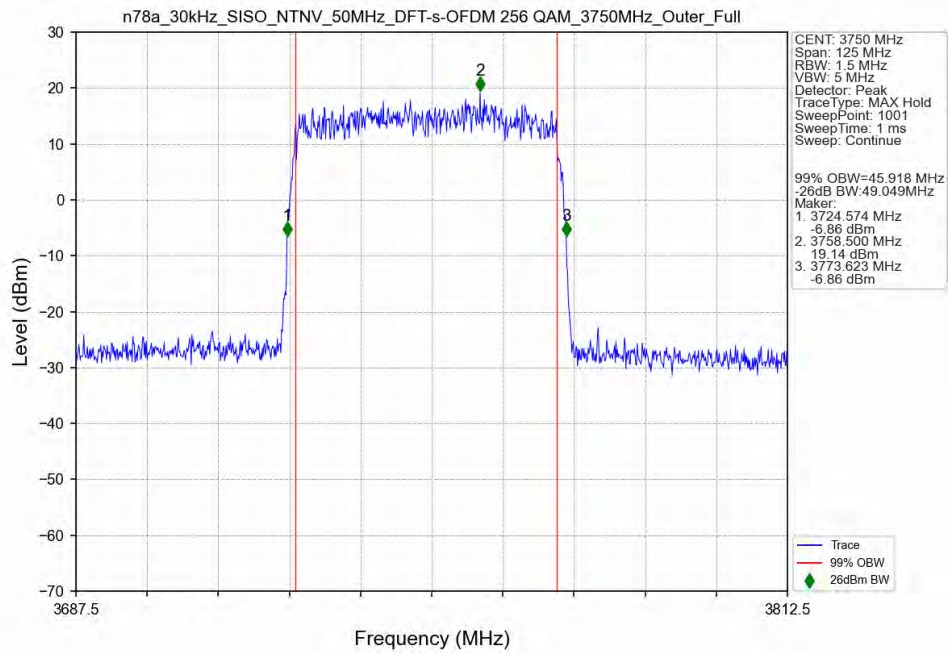
n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant0



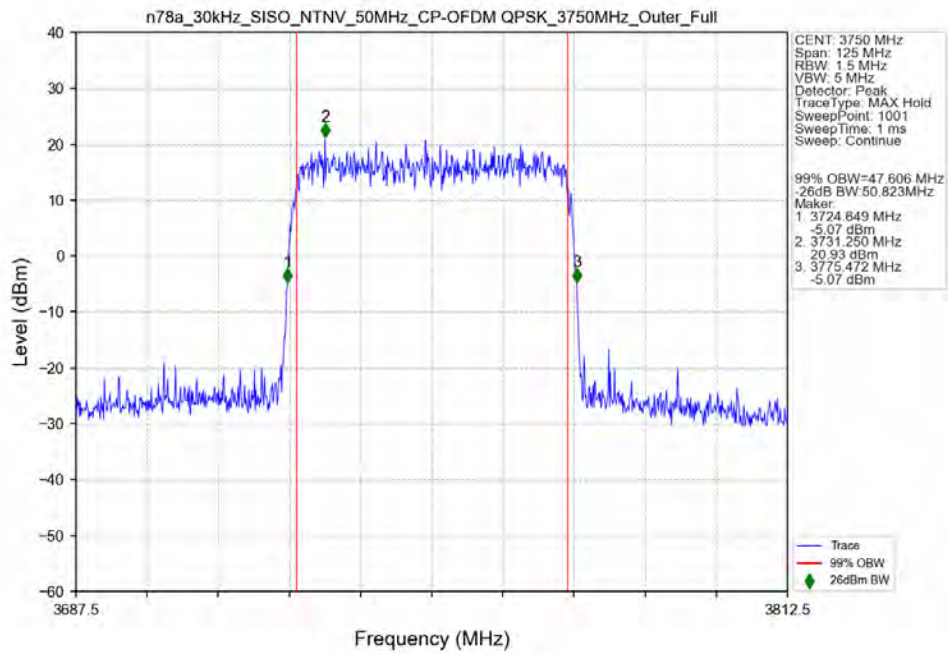
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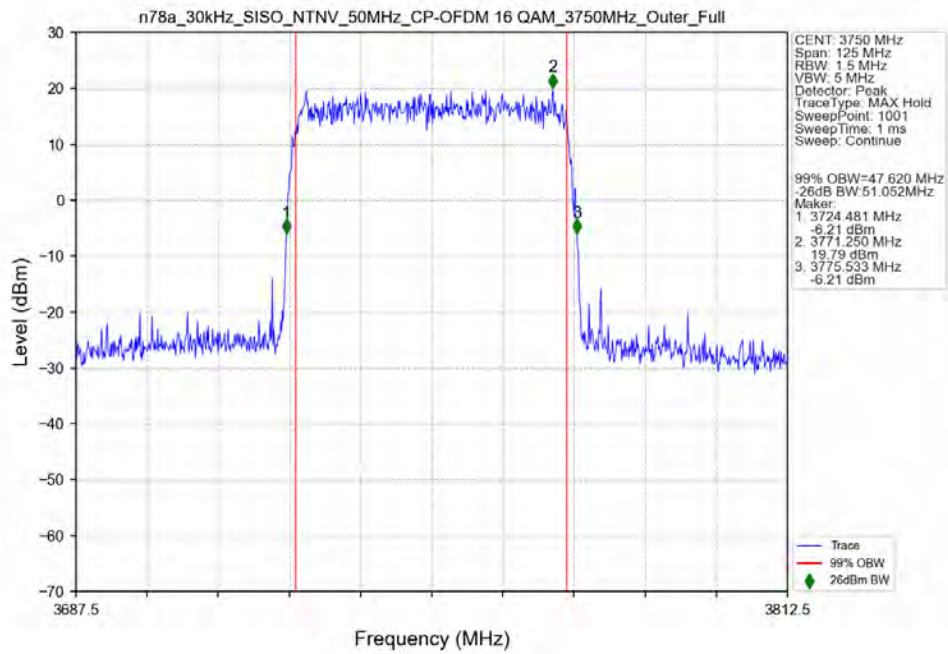
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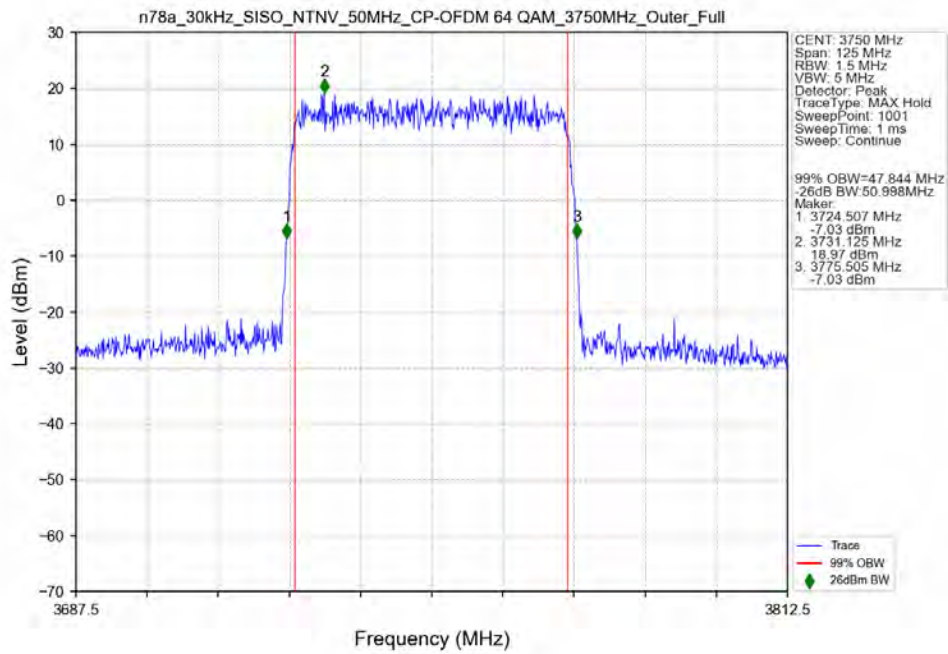
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant0



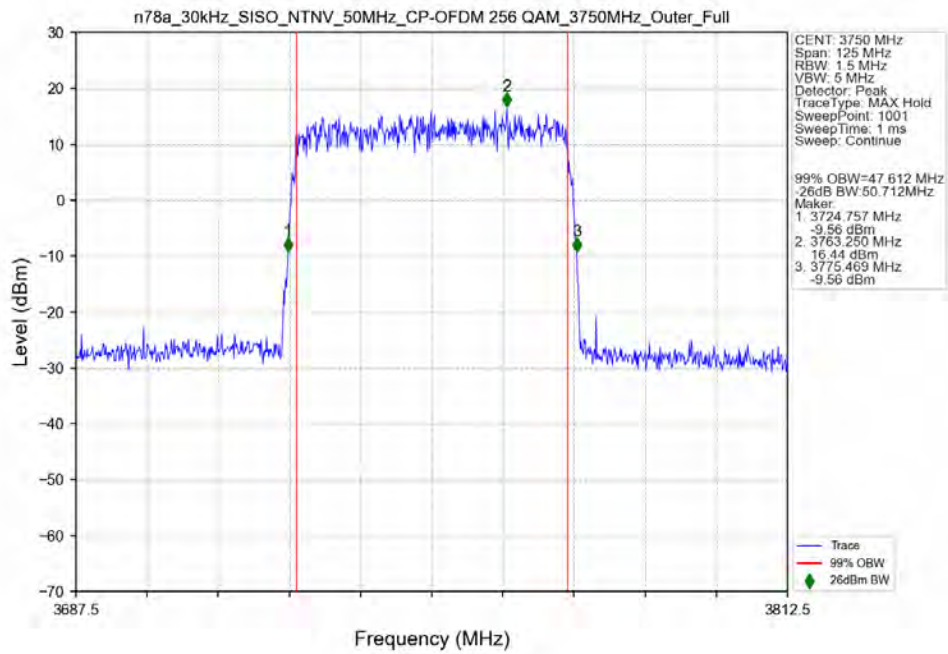
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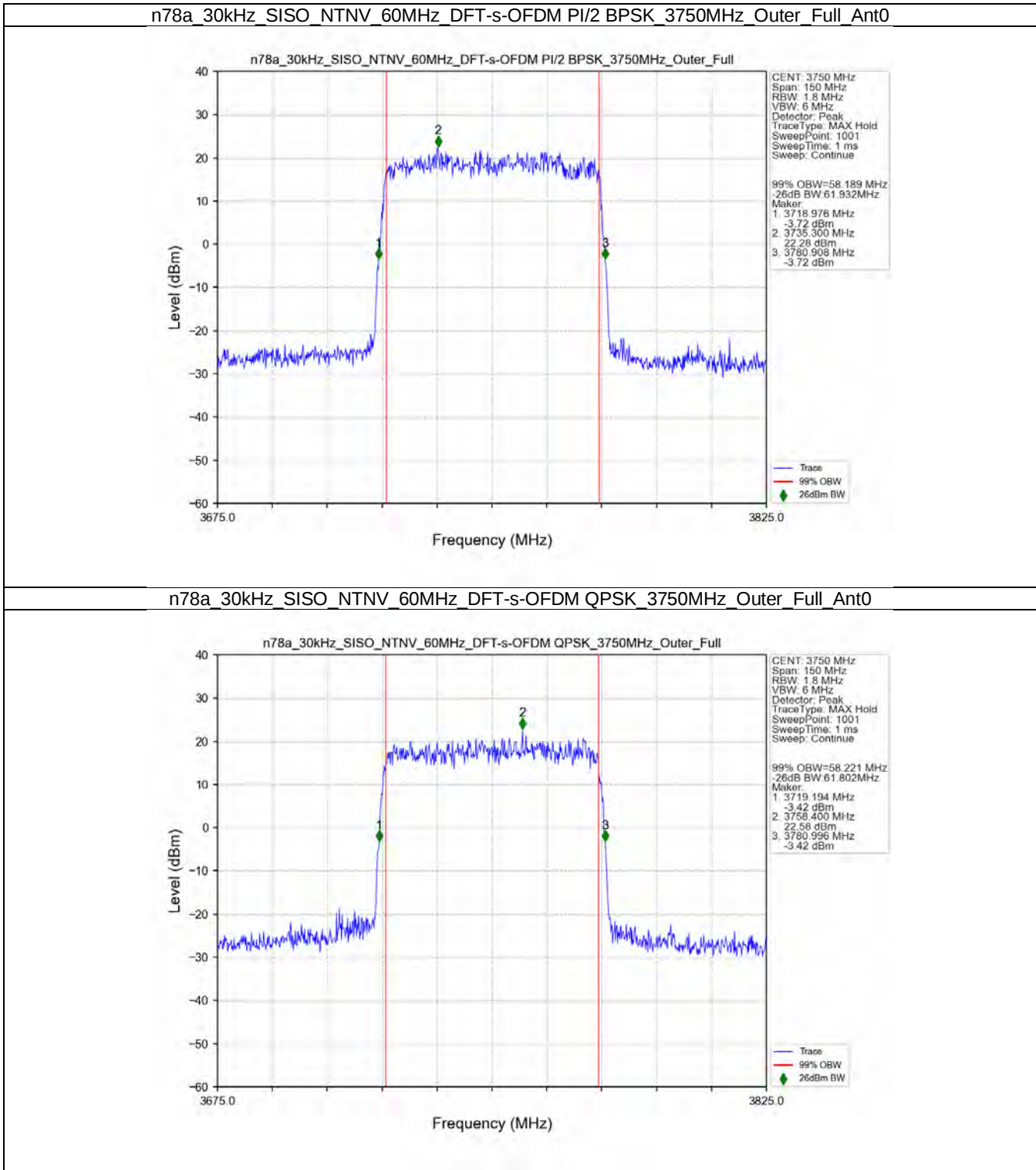
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full_Ant0



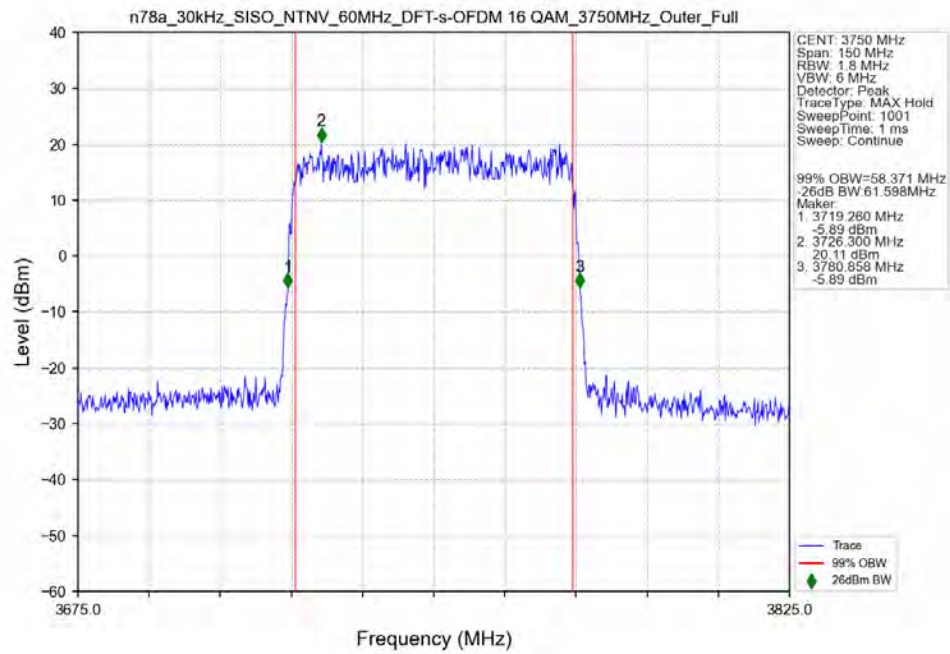
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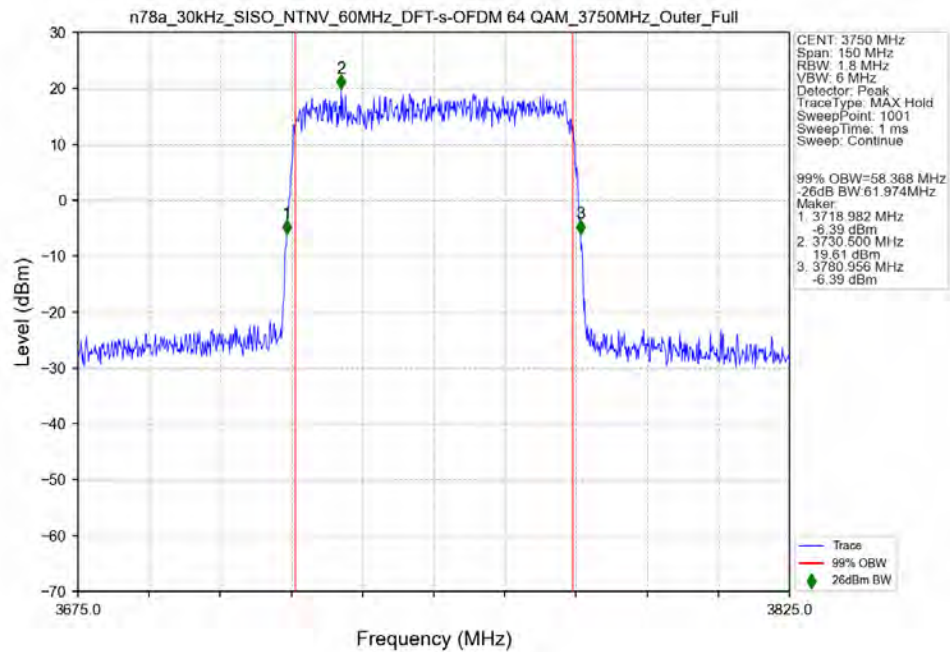
3.2.8 30k_SISO_60MHz_NTNV



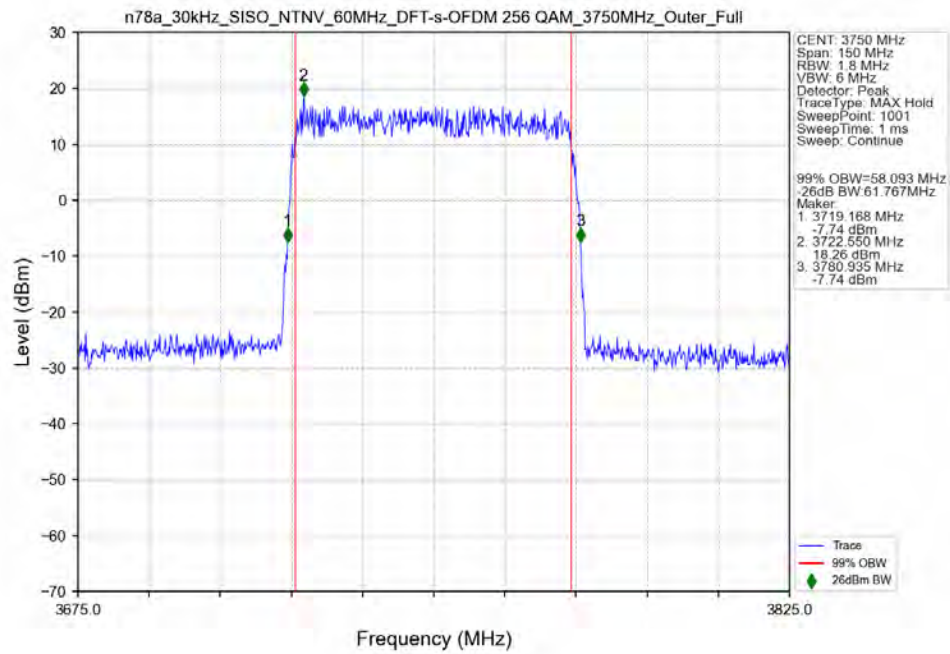
n78a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant0



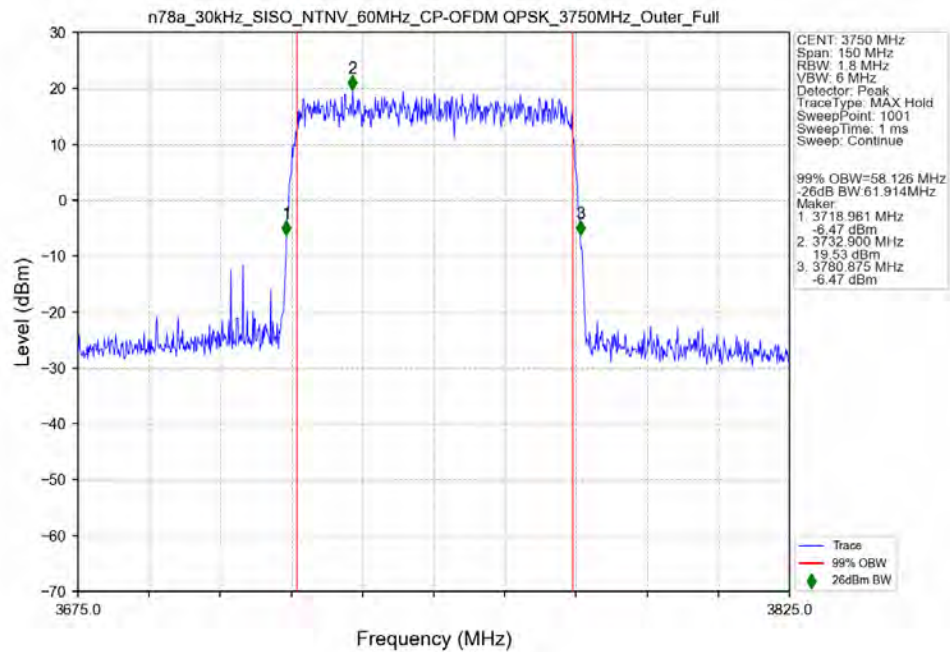
n78a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant0



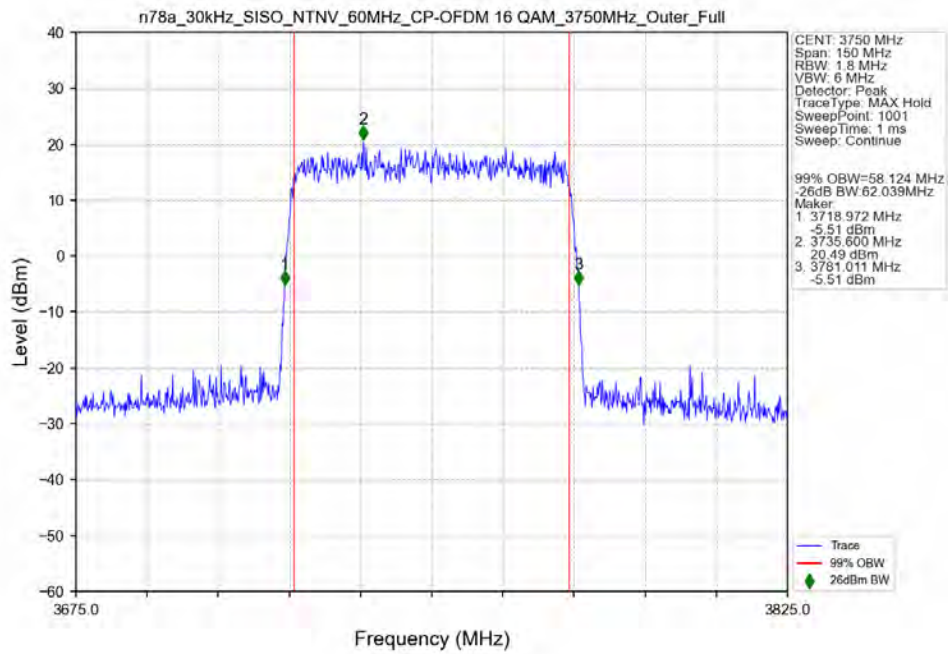
n78a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant0



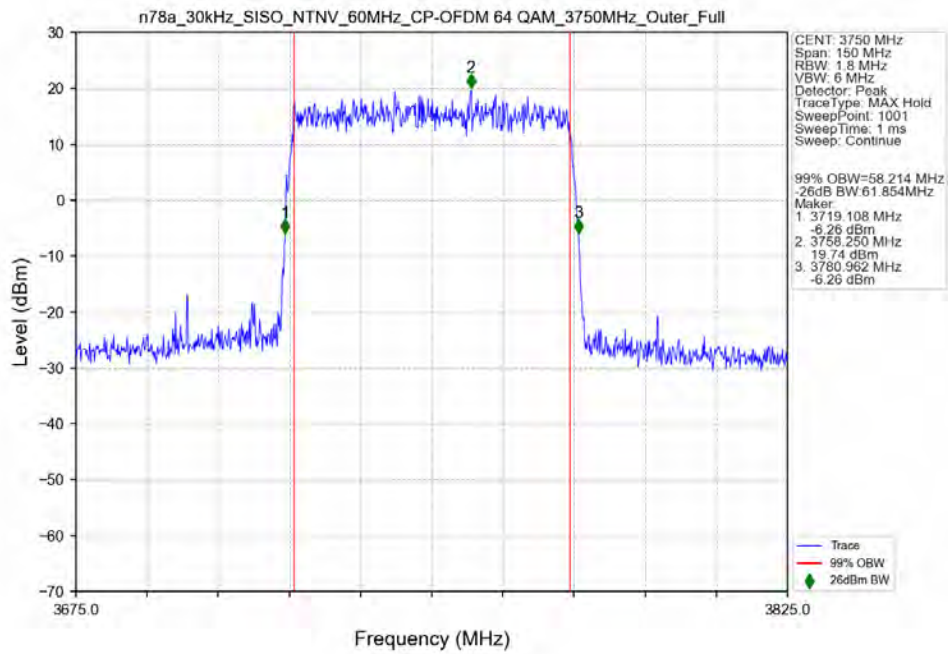
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant0



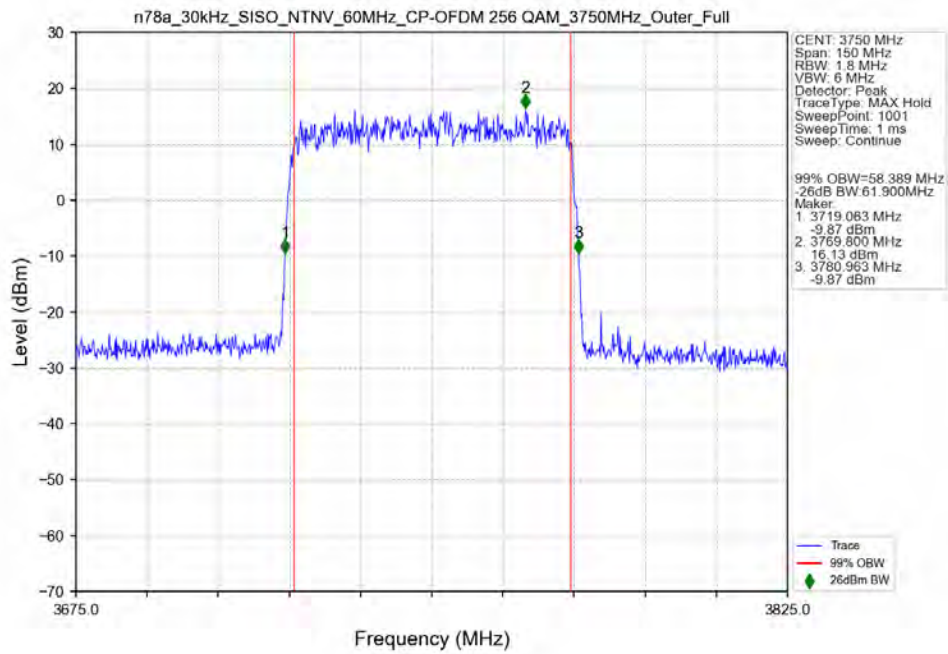
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full_Ant0



n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full_Ant0



n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant0



n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_Pi/2_BPSK_3750MHz_Outer_Full_Ant0

n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM Pi/2 BPSK_3750MHz_Outer_Full

Level (dBm)

Frequency (MHz)

Trace
99% OBW
26dBm BW

CENT: 3750 MHz
Span: 175 MHz
RBW: 2.2 MHz
VBW: 8 MHz
Detector: Peak
Trace Type: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

99% OBW=65.138 MHz
-26dB BW 68.933MHz
Marker
1: 3713.985 MHz
-2.86 dBm
2: 3731.800 MHz
23.14 dBm
3: 3782.898 MHz
-2.86 dBm

n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full_Ant0

n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full

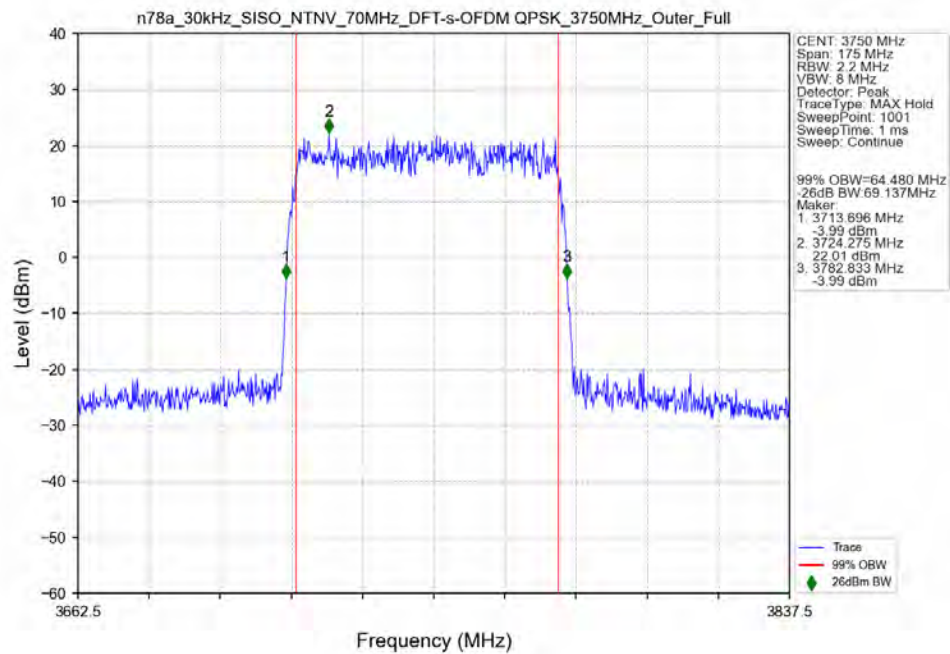
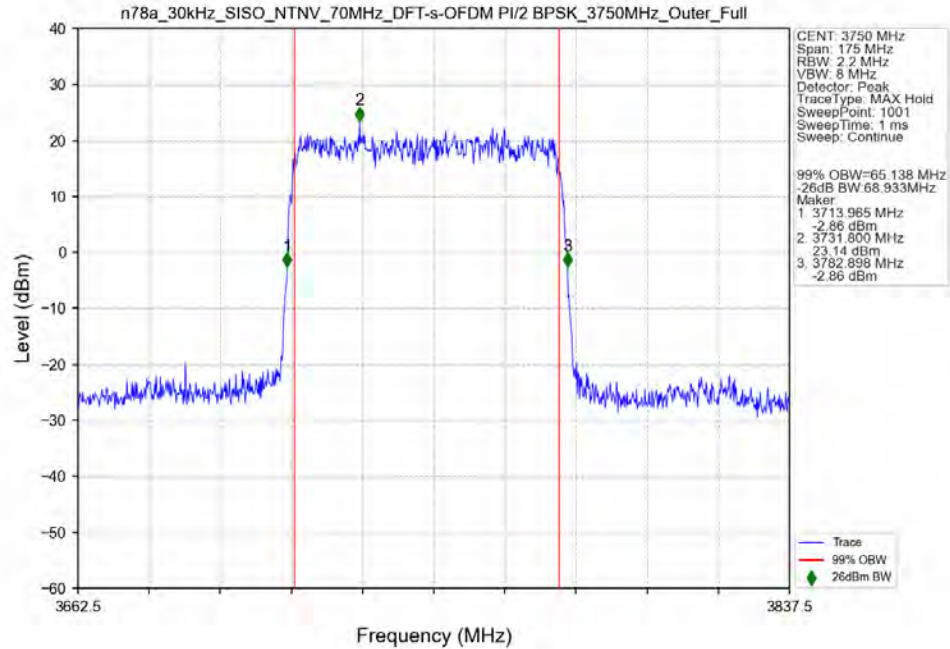
Level (dBm)

Frequency (MHz)

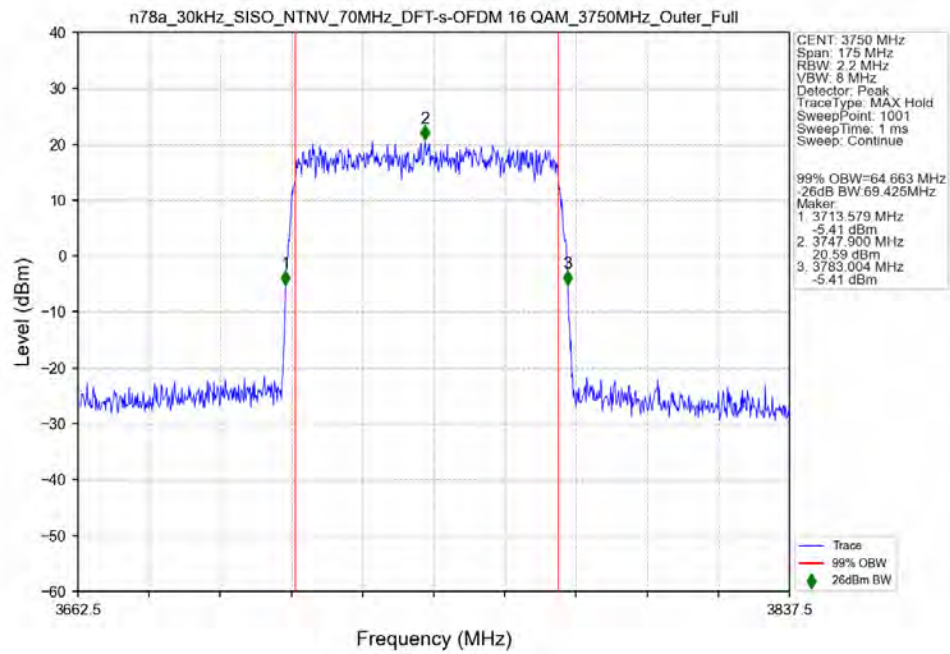
Trace
99% OBW
26dBm BW

CENT: 3750 MHz
Span: 175 MHz
RBW: 2.2 MHz
VBW: 8 MHz
Detector: Peak
Trace Type: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

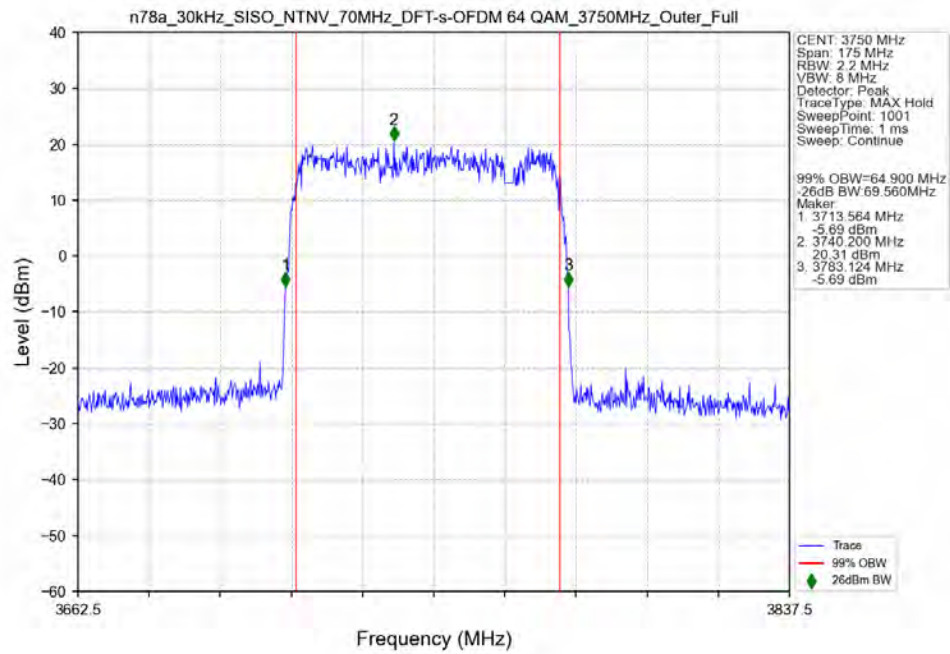
99% OBW=64.480 MHz
-26dB BW 69.137MHz
Marker
1: 3713.896 MHz
-3.99 dBm
2: 3724.275 MHz
22.01 dBm
3: 3782.833 MHz
-3.99 dBm



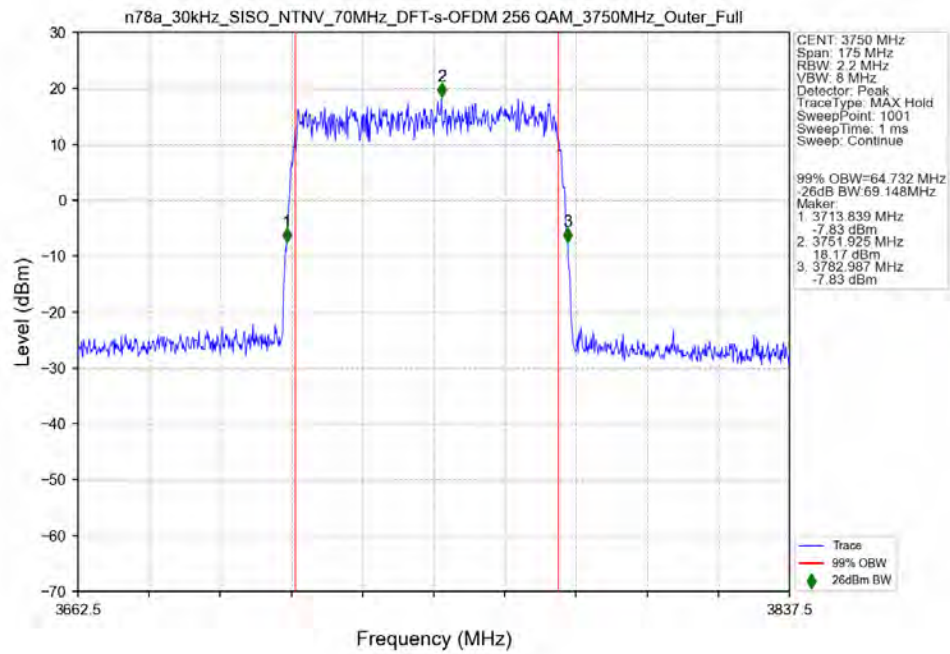
n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant0



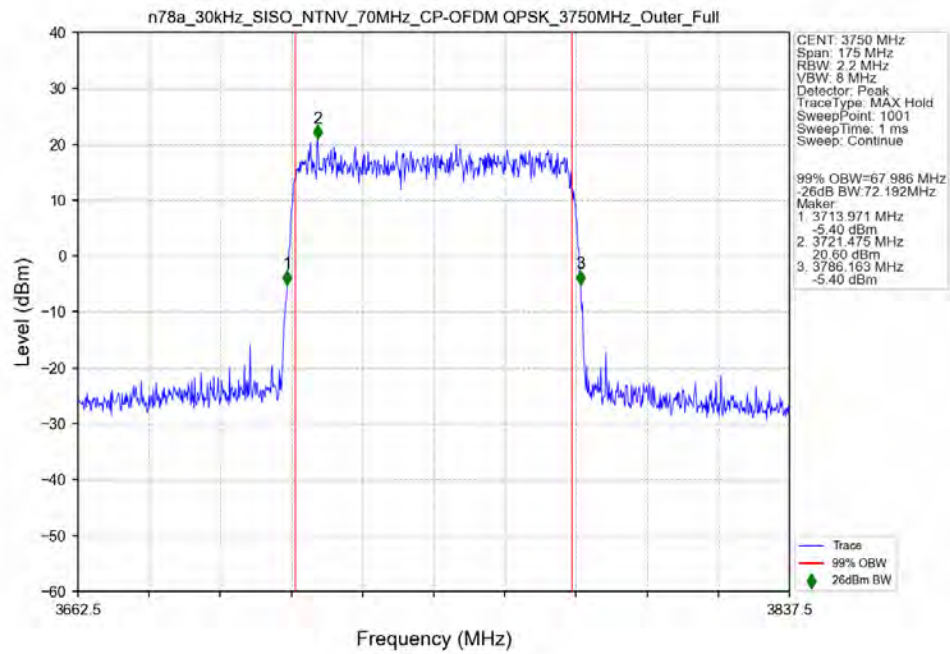
n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant0



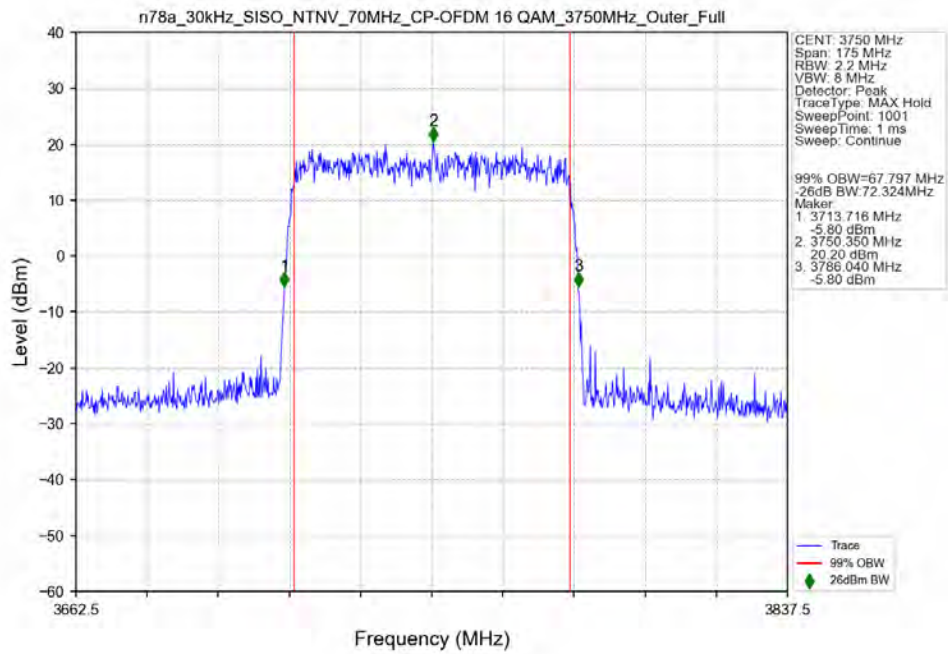
n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant0



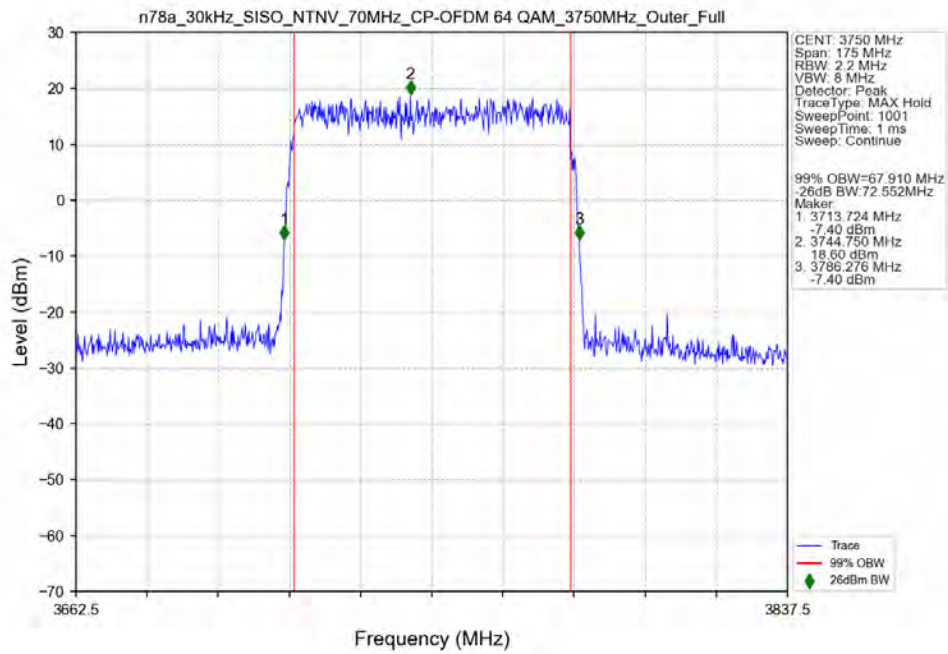
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant0



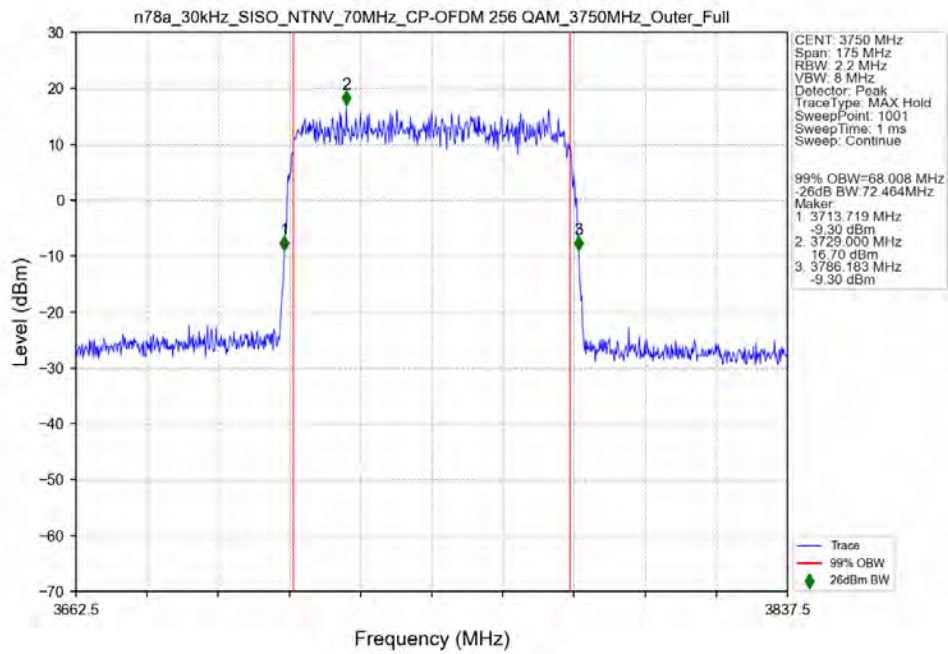
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM 3750MHz_Outer_Full_Ant0



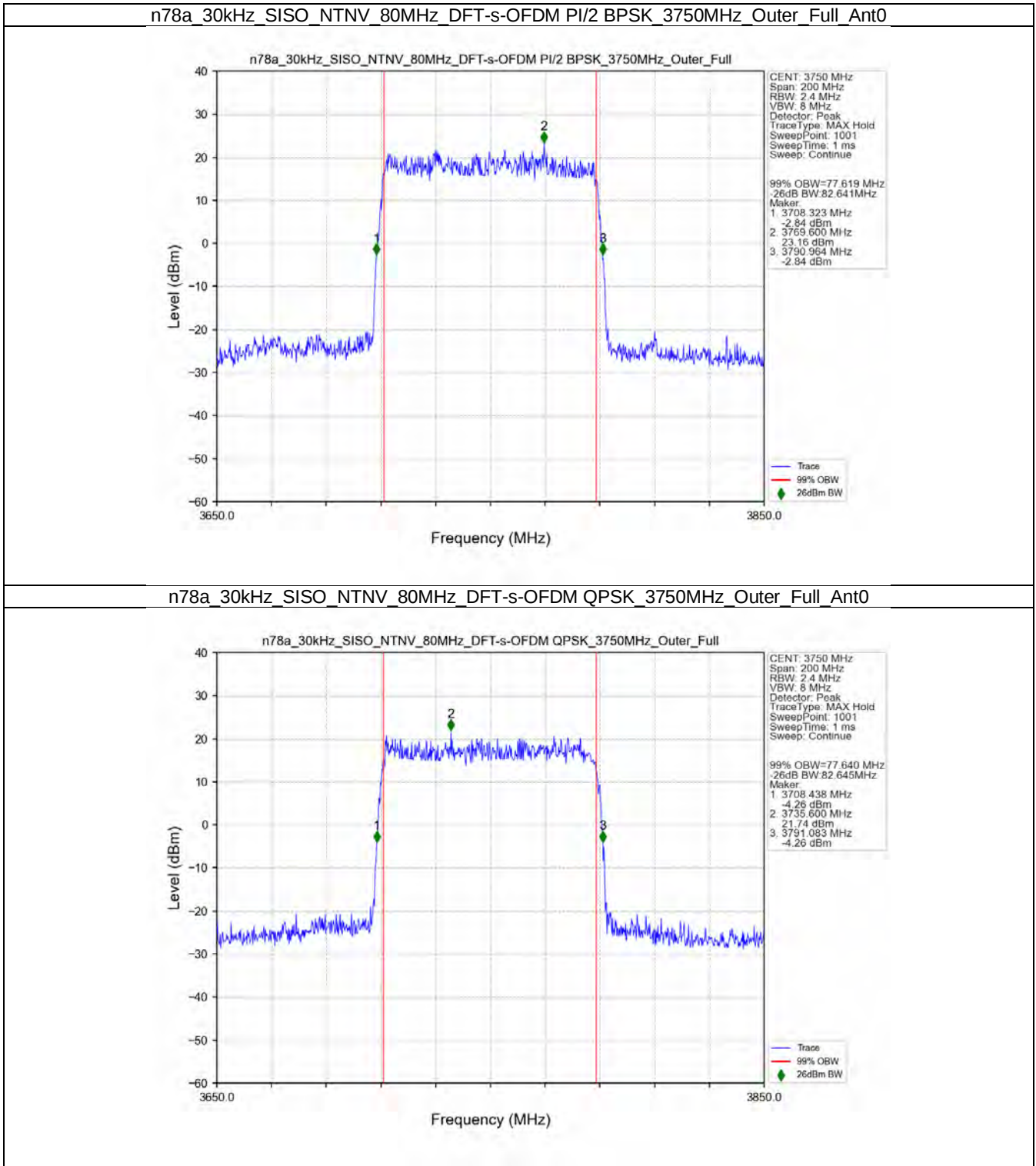
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant0



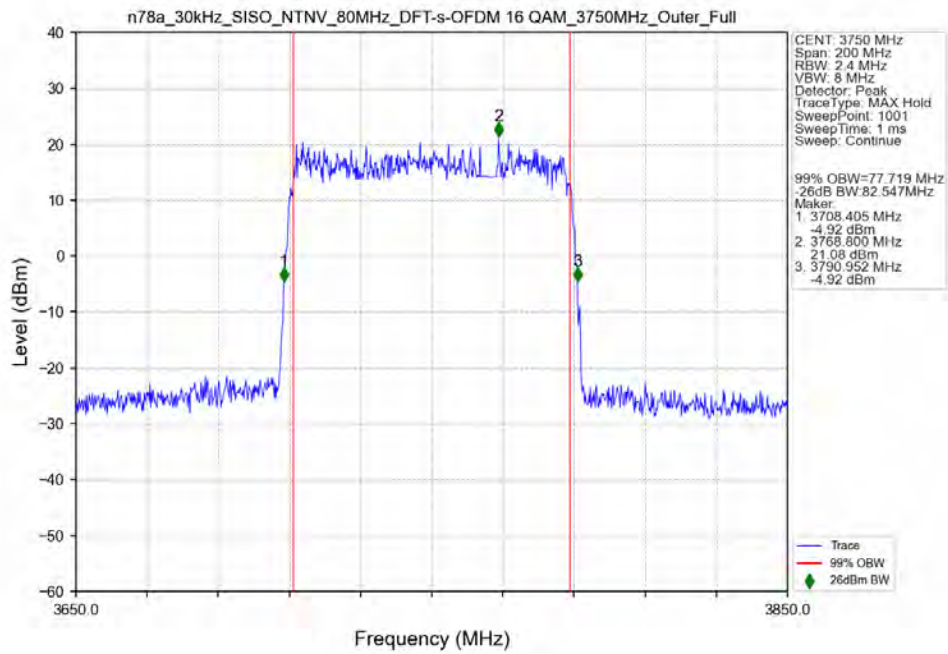
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant0



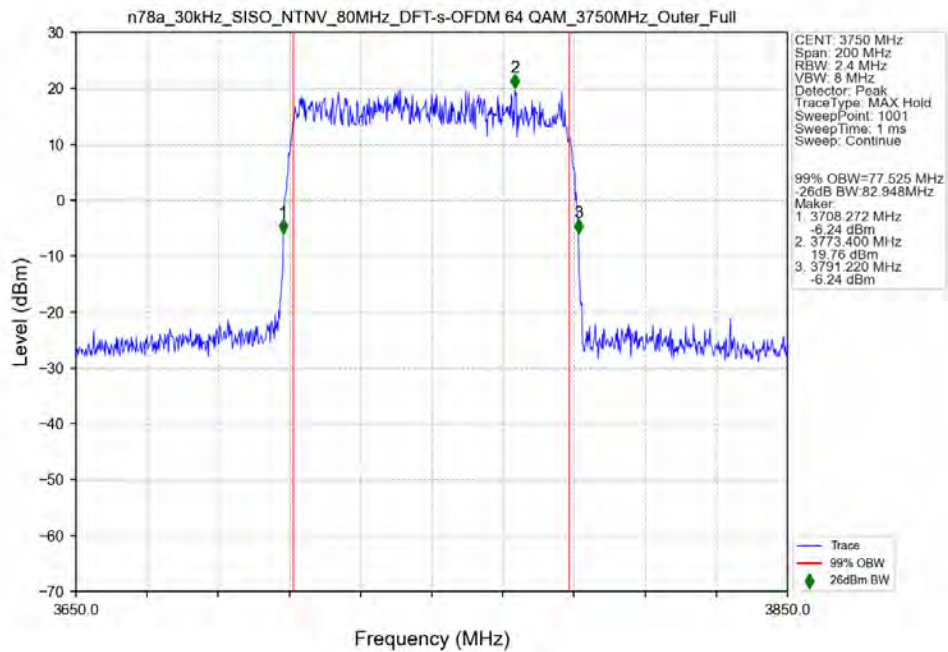
3.2.10 30k_SISO_80MHz_NTNV



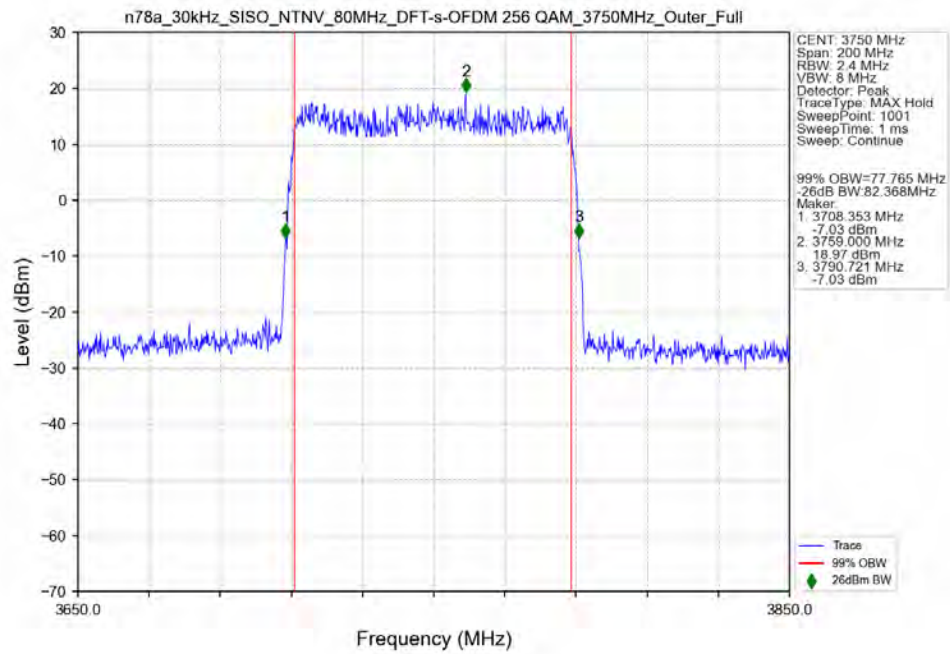
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant0



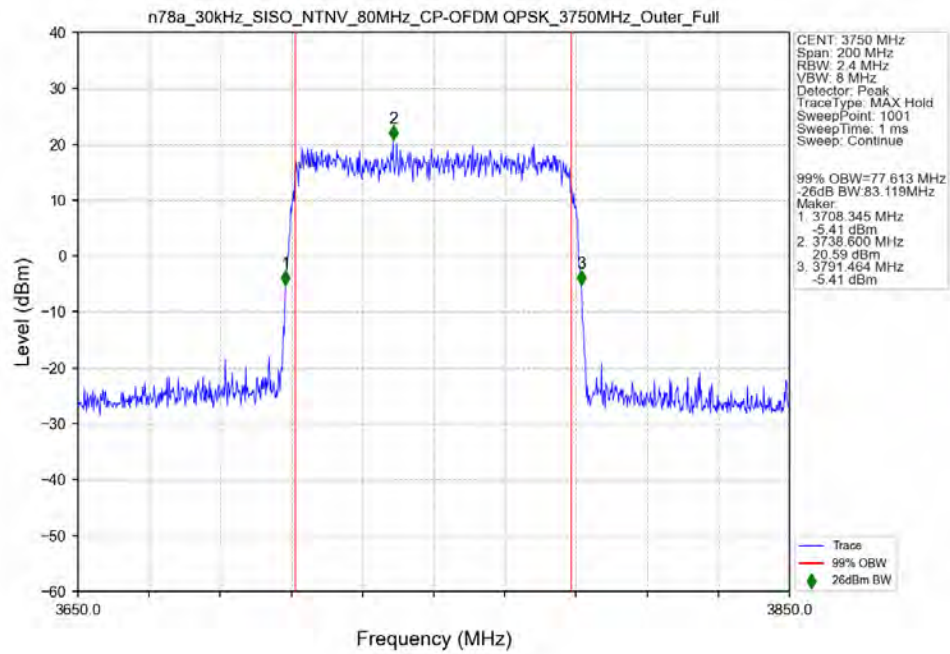
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant0



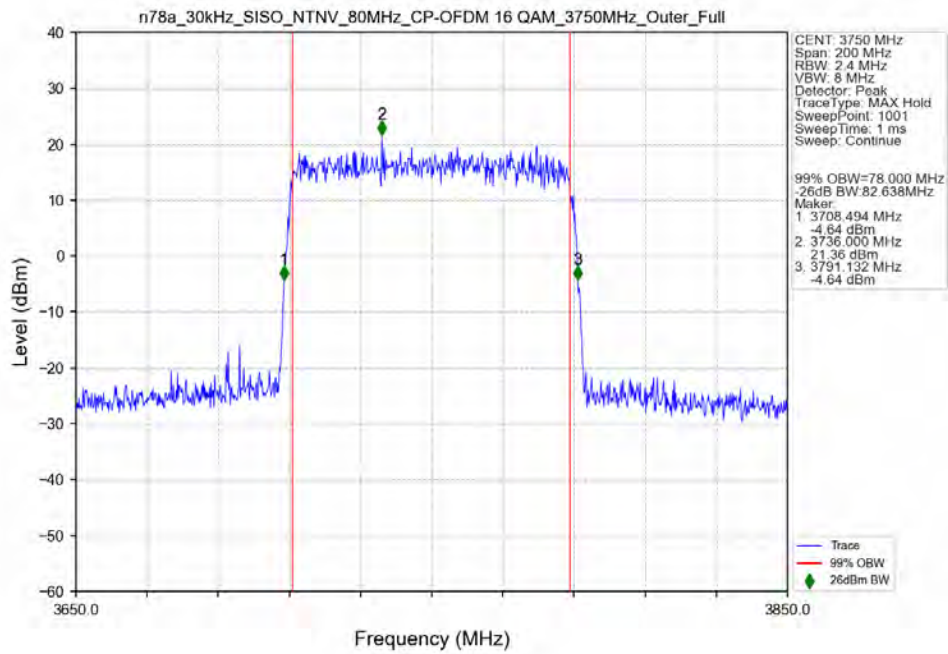
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant0



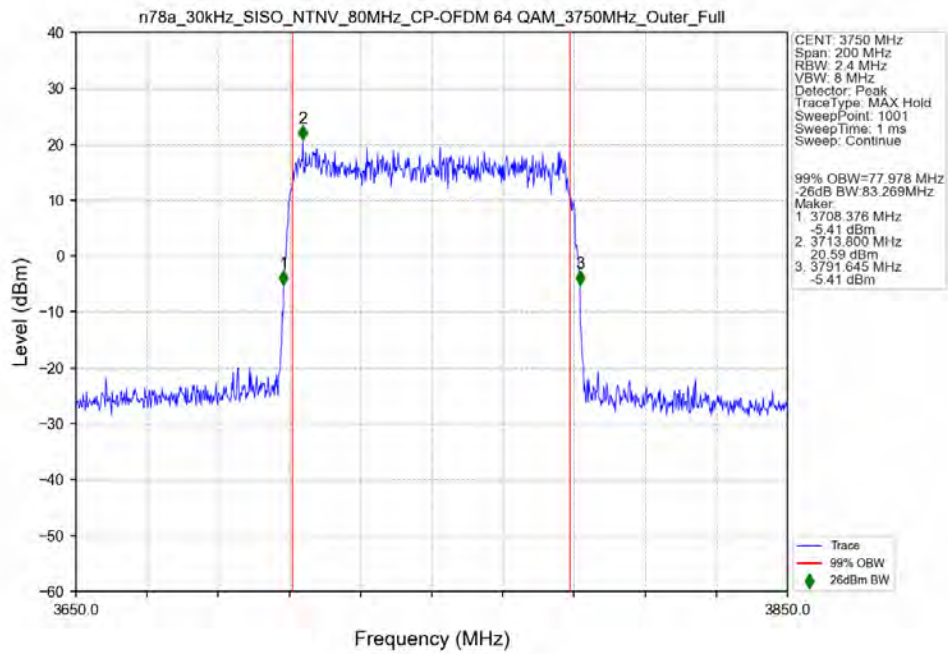
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant0



n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 3750MHz_Outer_Full_Ant0



n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant0



n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant0

