

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2575	Edge_1RB_Left	21.78	/	/	19.98	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	19.97	/	/	<=33	Pass
		Outer_Full	24.08	/	/	22.28	/	/	<=33	Pass
		Inner_Full	25.11	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Left	25.15	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	25.19	/	/	23.39	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.85	/	/	20.05	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	20.01	/	/	<=33	Pass
		Outer_Full	24.09	/	/	22.29	/	/	<=33	Pass
		Inner_Full	25.27	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	25.21	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	23.44	/	/	<=33	Pass
	2615	Edge_1RB_Left	21.73	/	/	19.93	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	19.90	/	/	<=33	Pass
		Outer_Full	24.09	/	/	22.29	/	/	<=33	Pass
		Inner_Full	25.13	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	25.18	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	25.06	/	/	23.26	/	/	<=33	Pass
DFT-s-OFDM QPSK	2575	Edge_1RB_Left	24.21	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Right	24.20	/	/	22.40	/	/	<=33	Pass
		Outer_Full	24.35	/	/	22.55	/	/	<=33	Pass
		Inner_Full	25.35	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	25.33	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Right	25.43	/	/	23.63	/	/	<=33	Pass
	2595	Edge_1RB_Left	24.34	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	24.29	/	/	22.49	/	/	<=33	Pass
		Outer_Full	24.37	/	/	22.57	/	/	<=33	Pass
		Inner_Full	25.53	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	25.48	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	23.64	/	/	<=33	Pass
	2615	Edge_1RB_Left	24.20	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	24.12	/	/	22.32	/	/	<=33	Pass
		Outer_Full	24.22	/	/	22.42	/	/	<=33	Pass
		Inner_Full	25.40	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	25.43	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	23.48	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2575	Edge_1RB_Left	23.06	/	/	21.26	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	21.27	/	/	<=33	Pass
		Outer_Full	23.23	/	/	21.43	/	/	<=33	Pass
		Inner_Full	24.21	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	22.25	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.14	/	/	21.34	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	21.29	/	/	<=33	Pass
		Outer_Full	23.38	/	/	21.58	/	/	<=33	Pass
		Inner_Full	24.24	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	22.35	/	/	<=33	Pass
	2615	Edge_1RB_Left	23.07	/	/	21.27	/	/	<=33	Pass

		Edge 1RB Right	22.95	/	/	21.15	/	/	<=33	Pass
		Outer Full	23.31	/	/	21.51	/	/	<=33	Pass
		Inner Full	24.10	/	/	22.30	/	/	<=33	Pass
		Inner 1RB Left	24.07	/	/	22.27	/	/	<=33	Pass
		Inner 1RB Right	24.00	/	/	22.20	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2575	Edge 1RB Left	22.82	/	/	21.02	/	/	<=33	Pass
		Edge 1RB Right	22.82	/	/	21.02	/	/	<=33	Pass
		Outer Full	22.85	/	/	21.05	/	/	<=33	Pass
		Inner Full	22.74	/	/	20.94	/	/	<=33	Pass
		Inner 1RB Left	22.77	/	/	20.97	/	/	<=33	Pass
		Inner 1RB Right	22.86	/	/	21.06	/	/	<=33	Pass
	2595	Edge 1RB Left	22.93	/	/	21.13	/	/	<=33	Pass
		Edge 1RB Right	22.86	/	/	21.06	/	/	<=33	Pass
		Outer Full	22.85	/	/	21.05	/	/	<=33	Pass
		Inner Full	22.81	/	/	21.01	/	/	<=33	Pass
		Inner 1RB Left	22.91	/	/	21.11	/	/	<=33	Pass
		Inner 1RB Right	22.93	/	/	21.13	/	/	<=33	Pass
	2615	Edge 1RB Left	22.69	/	/	20.89	/	/	<=33	Pass
		Edge 1RB Right	22.63	/	/	20.83	/	/	<=33	Pass
		Outer Full	22.74	/	/	20.94	/	/	<=33	Pass
		Inner Full	22.72	/	/	20.92	/	/	<=33	Pass
		Inner 1RB Left	22.73	/	/	20.93	/	/	<=33	Pass
		Inner 1RB Right	22.69	/	/	20.89	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2575	Edge 1RB Left	20.76	/	/	18.96	/	/	<=33	Pass
		Edge 1RB Right	20.63	/	/	18.83	/	/	<=33	Pass
		Outer Full	20.69	/	/	18.89	/	/	<=33	Pass
		Inner Full	20.74	/	/	18.94	/	/	<=33	Pass
		Inner 1RB Left	20.79	/	/	18.99	/	/	<=33	Pass
		Inner 1RB Right	20.73	/	/	18.93	/	/	<=33	Pass
	2595	Edge 1RB Left	20.81	/	/	19.01	/	/	<=33	Pass
		Edge 1RB Right	20.73	/	/	18.93	/	/	<=33	Pass
		Outer Full	20.75	/	/	18.95	/	/	<=33	Pass
		Inner Full	20.81	/	/	19.01	/	/	<=33	Pass
		Inner 1RB Left	20.80	/	/	19.00	/	/	<=33	Pass
		Inner 1RB Right	20.79	/	/	18.99	/	/	<=33	Pass
	2615	Edge 1RB Left	20.70	/	/	18.90	/	/	<=33	Pass
		Edge 1RB Right	20.54	/	/	18.74	/	/	<=33	Pass
		Outer Full	20.67	/	/	18.87	/	/	<=33	Pass
		Inner Full	20.68	/	/	18.88	/	/	<=33	Pass
		Inner 1RB Left	20.71	/	/	18.91	/	/	<=33	Pass
		Inner 1RB Right	20.63	/	/	18.83	/	/	<=33	Pass
CP-OFDM QPSK	2575	Edge 1RB Left	22.38	/	/	20.58	/	/	<=33	Pass
		Edge 1RB Right	22.33	/	/	20.53	/	/	<=33	Pass
		Outer Full	18.31	/	/	16.51	/	/	<=33	Pass
		Inner Full	23.87	/	/	22.07	/	/	<=33	Pass
		Inner 1RB Left	24.13	/	/	22.33	/	/	<=33	Pass
		Inner 1RB Right	24.13	/	/	22.33	/	/	<=33	Pass
	2595	Edge 1RB Left	22.40	/	/	20.60	/	/	<=33	Pass
		Edge 1RB Right	22.40	/	/	20.60	/	/	<=33	Pass
		Outer Full	18.38	/	/	16.58	/	/	<=33	Pass
		Inner Full	23.85	/	/	22.05	/	/	<=33	Pass
		Inner 1RB Left	24.18	/	/	22.38	/	/	<=33	Pass
		Inner 1RB Right	24.06	/	/	22.26	/	/	<=33	Pass
	2615	Edge 1RB Left	22.35	/	/	20.55	/	/	<=33	Pass
		Edge 1RB Right	22.24	/	/	20.44	/	/	<=33	Pass
		Outer Full	18.17	/	/	16.37	/	/	<=33	Pass
		Inner Full	23.81	/	/	22.01	/	/	<=33	Pass
		Inner 1RB Left	24.05	/	/	22.25	/	/	<=33	Pass
		Inner 1RB Right	23.97	/	/	22.17	/	/	<=33	Pass

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2577.5	Edge_1RB_Left	21.91	/	/	20.11	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	20.05	/	/	<=33	Pass
		Outer_Full	24.18	/	/	22.38	/	/	<=33	Pass
		Inner_Full	25.25	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Right	25.19	/	/	23.39	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.90	/	/	20.10	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	20.00	/	/	<=33	Pass
		Outer_Full	24.19	/	/	22.39	/	/	<=33	Pass
		Inner_Full	25.32	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	23.38	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	21.88	/	/	20.08	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	20.08	/	/	<=33	Pass
		Outer_Full	24.19	/	/	22.39	/	/	<=33	Pass
		Inner_Full	25.32	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	23.49	/	/	<=33	Pass
DFT-s-OFDM QPSK	2577.5	Edge_1RB_Left	24.37	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	24.26	/	/	22.46	/	/	<=33	Pass
		Outer_Full	24.39	/	/	22.59	/	/	<=33	Pass
		Inner_Full	25.53	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	25.42	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Right	25.27	/	/	23.47	/	/	<=33	Pass
	2595	Edge_1RB_Left	24.38	/	/	22.58	/	/	<=33	Pass
		Edge_1RB_Right	24.32	/	/	22.52	/	/	<=33	Pass
		Outer_Full	24.46	/	/	22.66	/	/	<=33	Pass
		Inner_Full	25.59	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Left	25.37	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	23.54	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	24.43	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	24.39	/	/	22.59	/	/	<=33	Pass
		Outer_Full	24.49	/	/	22.69	/	/	<=33	Pass
		Inner_Full	25.57	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Left	25.52	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	25.48	/	/	23.68	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2577.5	Edge_1RB_Left	23.20	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	21.33	/	/	<=33	Pass
		Outer_Full	23.23	/	/	21.43	/	/	<=33	Pass
		Inner_Full	24.25	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Left	24.05	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	22.27	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.24	/	/	21.44	/	/	<=33	Pass
		Edge_1RB_Right	23.22	/	/	21.42	/	/	<=33	Pass
		Outer_Full	23.31	/	/	21.51	/	/	<=33	Pass
		Inner_Full	24.26	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Left	24.16	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Right	24.09	/	/	22.29	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	23.30	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	21.43	/	/	<=33	Pass
		Outer_Full	23.33	/	/	21.53	/	/	<=33	Pass
		Inner_Full	24.19	/	/	22.39	/	/	<=33	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	24.21	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Right	24.16	/	/	22.36	/	/	<=33	Pass
	2577.5	Edge_1RB_Left	22.76	/	/	20.96	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	20.90	/	/	<=33	Pass
		Outer_Full	22.84	/	/	21.04	/	/	<=33	Pass
		Inner_Full	22.73	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	20.90	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.56	/	/	20.76	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	20.81	/	/	<=33	Pass
		Outer_Full	22.86	/	/	21.06	/	/	<=33	Pass
		Inner_Full	22.67	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	20.84	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	22.84	/	/	21.04	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	21.08	/	/	<=33	Pass
		Outer_Full	22.82	/	/	21.02	/	/	<=33	Pass
		Inner_Full	22.76	/	/	20.96	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Right	22.90	/	/	21.10	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2577.5	Edge_1RB_Left	20.82	/	/	19.02	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	18.95	/	/	<=33	Pass
		Outer_Full	20.72	/	/	18.92	/	/	<=33	Pass
		Inner_Full	20.86	/	/	19.06	/	/	<=33	Pass
		Inner_1RB_Left	20.81	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	18.96	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.86	/	/	19.06	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	18.94	/	/	<=33	Pass
		Outer_Full	20.57	/	/	18.77	/	/	<=33	Pass
		Inner_Full	20.80	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Right	20.78	/	/	18.98	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	20.87	/	/	19.07	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	19.02	/	/	<=33	Pass
		Outer_Full	20.82	/	/	19.02	/	/	<=33	Pass
		Inner_Full	20.96	/	/	19.16	/	/	<=33	Pass
		Inner_1RB_Left	20.98	/	/	19.18	/	/	<=33	Pass
		Inner_1RB_Right	20.79	/	/	18.99	/	/	<=33	Pass
CP-OFDM QPSK	2577.5	Edge_1RB_Left	22.48	/	/	20.68	/	/	<=33	Pass
		Edge_1RB_Right	22.34	/	/	20.54	/	/	<=33	Pass
		Outer_Full	18.37	/	/	16.57	/	/	<=33	Pass
		Inner_Full	24.08	/	/	22.28	/	/	<=33	Pass
		Inner_1RB_Left	24.15	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	22.20	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.45	/	/	20.65	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	20.52	/	/	<=33	Pass
		Outer_Full	18.45	/	/	16.65	/	/	<=33	Pass
		Inner_Full	24.11	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	22.25	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	22.54	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	20.63	/	/	<=33	Pass
		Outer_Full	18.48	/	/	16.68	/	/	<=33	Pass
		Inner_Full	24.22	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Left	24.16	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Right	24.13	/	/	22.33	/	/	<=33	Pass
CP-OFDM 16 QAM	2577.5	Edge_1RB_Left	22.35	/	/	20.55	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	20.53	/	/	<=33	Pass
		Outer_Full	22.41	/	/	20.61	/	/	<=33	Pass

		Inner_Full	23.47	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Left	23.42	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	23.38	/	/	21.58	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.40	/	/	20.60	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	20.53	/	/	<=33	Pass
		Outer_Full	22.45	/	/	20.65	/	/	<=33	Pass
		Inner_Full	23.51	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	23.40	/	/	21.60	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	22.42	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	20.57	/	/	<=33	Pass
		Outer_Full	22.49	/	/	20.69	/	/	<=33	Pass
		Inner_Full	23.47	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	21.70	/	/	<=33	Pass
		Inner_1RB_Right	23.46	/	/	21.66	/	/	<=33	Pass
CP-OFDM 64 QAM	2577.5	Edge_1RB_Left	21.90	/	/	20.10	/	/	<=33	Pass
		Edge_1RB_Right	21.78	/	/	19.98	/	/	<=33	Pass
		Outer_Full	21.85	/	/	20.05	/	/	<=33	Pass
		Inner_Full	21.83	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	19.90	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.92	/	/	20.12	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	20.04	/	/	<=33	Pass
		Outer_Full	21.85	/	/	20.05	/	/	<=33	Pass
		Inner_Full	21.80	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Left	21.82	/	/	20.02	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	19.98	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	22.02	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	20.07	/	/	<=33	Pass
		Outer_Full	21.90	/	/	20.10	/	/	<=33	Pass
		Inner_Full	21.90	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	20.03	/	/	<=33	Pass
CP-OFDM 256 QAM	2577.5	Edge_1RB_Left	18.77	/	/	16.97	/	/	<=33	Pass
		Edge_1RB_Right	18.80	/	/	17.00	/	/	<=33	Pass
		Outer_Full	18.73	/	/	16.93	/	/	<=33	Pass
		Inner_Full	18.74	/	/	16.94	/	/	<=33	Pass
		Inner_1RB_Left	18.80	/	/	17.00	/	/	<=33	Pass
		Inner_1RB_Right	18.82	/	/	17.02	/	/	<=33	Pass
	2595	Edge_1RB_Left	18.79	/	/	16.99	/	/	<=33	Pass
		Edge_1RB_Right	18.84	/	/	17.04	/	/	<=33	Pass
		Outer_Full	18.80	/	/	17.00	/	/	<=33	Pass
		Inner_Full	18.83	/	/	17.03	/	/	<=33	Pass
		Inner_1RB_Left	18.80	/	/	17.00	/	/	<=33	Pass
		Inner_1RB_Right	18.68	/	/	16.88	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	18.95	/	/	17.15	/	/	<=33	Pass
		Edge_1RB_Right	18.74	/	/	16.94	/	/	<=33	Pass
		Outer_Full	18.88	/	/	17.08	/	/	<=33	Pass
Inner_Full		18.88	/	/	17.08	/	/	<=33	Pass	
Inner_1RB_Left		18.99	/	/	17.19	/	/	<=33	Pass	
Inner_1RB_Right		18.81	/	/	17.01	/	/	<=33	Pass	
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2580	Edge_1RB_Left	21.85	/	/	20.05	/	/	<=33	Pass
		Edge_1RB_Right	21.73	/	/	19.93	/	/	<=33	Pass
		Outer_Full	24.33	/	/	22.53	/	/	<=33	Pass
		Inner_Full	25.32	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	25.28	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	23.33	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.83	/	/	20.03	/	/	<=33	Pass
		Edge_1RB_Right	21.64	/	/	19.84	/	/	<=33	Pass
		Outer_Full	24.33	/	/	22.53	/	/	<=33	Pass
		Inner_Full	25.29	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	23.29	/	/	<=33	Pass
	2610	Edge_1RB_Left	21.94	/	/	20.14	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	19.96	/	/	<=33	Pass
		Outer_Full	24.31	/	/	22.51	/	/	<=33	Pass
		Inner_Full	25.29	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	25.25	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	23.38	/	/	<=33	Pass
DFT-s-OFDM QPSK	2580	Edge_1RB_Left	24.37	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	24.22	/	/	22.42	/	/	<=33	Pass
		Outer_Full	24.47	/	/	22.67	/	/	<=33	Pass
		Inner_Full	25.47	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	25.37	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	23.54	/	/	<=33	Pass
	2595	Edge_1RB_Left	24.31	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Right	24.20	/	/	22.40	/	/	<=33	Pass
		Outer_Full	24.48	/	/	22.68	/	/	<=33	Pass
		Inner_Full	25.46	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	25.37	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	23.48	/	/	<=33	Pass
	2610	Edge_1RB_Left	24.38	/	/	22.58	/	/	<=33	Pass
		Edge_1RB_Right	24.26	/	/	22.46	/	/	<=33	Pass
		Outer_Full	24.49	/	/	22.69	/	/	<=33	Pass
		Inner_Full	25.53	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	25.46	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	23.49	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2580	Edge_1RB_Left	23.05	/	/	21.25	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	21.29	/	/	<=33	Pass
		Outer_Full	23.30	/	/	21.50	/	/	<=33	Pass
		Inner_Full	24.32	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	23.98	/	/	22.18	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.20	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	23.03	/	/	21.23	/	/	<=33	Pass
		Outer_Full	23.36	/	/	21.56	/	/	<=33	Pass
		Inner_Full	24.33	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Left	24.25	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Right	24.10	/	/	22.30	/	/	<=33	Pass
	2610	Edge_1RB_Left	23.20	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	21.29	/	/	<=33	Pass
		Outer_Full	23.38	/	/	21.58	/	/	<=33	Pass
		Inner_Full	24.43	/	/	22.63	/	/	<=33	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	24.14	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Right	24.01	/	/	22.21	/	/	<=33	Pass
	2580	Edge_1RB_Left	22.81	/	/	21.01	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	21.07	/	/	<=33	Pass
		Outer_Full	22.82	/	/	21.02	/	/	<=33	Pass
		Inner_Full	22.81	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	22.92	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Right	22.90	/	/	21.10	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.88	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	20.96	/	/	<=33	Pass
		Outer_Full	22.82	/	/	21.02	/	/	<=33	Pass
		Inner_Full	22.83	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	20.98	/	/	<=33	Pass
	2610	Edge_1RB_Left	22.97	/	/	21.17	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	21.07	/	/	<=33	Pass
		Outer_Full	22.89	/	/	21.09	/	/	<=33	Pass
		Inner_Full	22.92	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	21.05	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2580	Edge_1RB_Left	20.73	/	/	18.93	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	18.90	/	/	<=33	Pass
		Outer_Full	20.88	/	/	19.08	/	/	<=33	Pass
		Inner_Full	20.96	/	/	19.16	/	/	<=33	Pass
		Inner_1RB_Left	20.73	/	/	18.93	/	/	<=33	Pass
		Inner_1RB_Right	20.70	/	/	18.90	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.74	/	/	18.94	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	18.82	/	/	<=33	Pass
		Outer_Full	20.80	/	/	19.00	/	/	<=33	Pass
		Inner_Full	20.82	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	20.64	/	/	18.84	/	/	<=33	Pass
	2610	Edge_1RB_Left	20.87	/	/	19.07	/	/	<=33	Pass
		Edge_1RB_Right	20.66	/	/	18.86	/	/	<=33	Pass
		Outer_Full	20.84	/	/	19.04	/	/	<=33	Pass
		Inner_Full	20.94	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Left	20.88	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Right	20.70	/	/	18.90	/	/	<=33	Pass
CP-OFDM QPSK	2580	Edge_1RB_Left	22.43	/	/	20.63	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	20.66	/	/	<=33	Pass
		Outer_Full	18.47	/	/	16.67	/	/	<=33	Pass
		Inner_Full	23.96	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	24.10	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Right	24.16	/	/	22.36	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.42	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	22.31	/	/	20.51	/	/	<=33	Pass
		Outer_Full	18.47	/	/	16.67	/	/	<=33	Pass
		Inner_Full	23.96	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Right	23.98	/	/	22.18	/	/	<=33	Pass
	2610	Edge_1RB_Left	22.52	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	22.35	/	/	20.55	/	/	<=33	Pass
		Outer_Full	18.44	/	/	16.64	/	/	<=33	Pass
		Inner_Full	24.04	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Left	24.20	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Right	24.06	/	/	22.26	/	/	<=33	Pass
CP-OFDM 16 QAM	2580	Edge_1RB_Left	22.32	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	20.53	/	/	<=33	Pass
		Outer_Full	22.32	/	/	20.52	/	/	<=33	Pass

		Inner_Full	23.41	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	23.37	/	/	21.57	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.29	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	22.21	/	/	20.41	/	/	<=33	Pass
		Outer_Full	22.35	/	/	20.55	/	/	<=33	Pass
		Inner_Full	23.46	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Left	23.33	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	21.48	/	/	<=33	Pass
	2610	Edge_1RB_Left	22.32	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	22.25	/	/	20.45	/	/	<=33	Pass
		Outer_Full	22.39	/	/	20.59	/	/	<=33	Pass
		Inner_Full	23.57	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Right	23.31	/	/	21.51	/	/	<=33	Pass
CP-OFDM 64 QAM	2580	Edge_1RB_Left	21.88	/	/	20.08	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	20.07	/	/	<=33	Pass
		Outer_Full	21.79	/	/	19.99	/	/	<=33	Pass
		Inner_Full	21.86	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Right	21.91	/	/	20.11	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.76	/	/	19.96	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	20.00	/	/	<=33	Pass
		Outer_Full	21.83	/	/	20.03	/	/	<=33	Pass
		Inner_Full	21.90	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	21.91	/	/	20.11	/	/	<=33	Pass
		Inner_1RB_Right	21.79	/	/	19.99	/	/	<=33	Pass
	2610	Edge_1RB_Left	22.02	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	20.02	/	/	<=33	Pass
		Outer_Full	21.89	/	/	20.09	/	/	<=33	Pass
		Inner_Full	21.94	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	21.93	/	/	20.13	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	20.03	/	/	<=33	Pass
CP-OFDM 256 QAM	2580	Edge_1RB_Left	18.73	/	/	16.93	/	/	<=33	Pass
		Edge_1RB_Right	18.80	/	/	17.00	/	/	<=33	Pass
		Outer_Full	18.85	/	/	17.05	/	/	<=33	Pass
		Inner_Full	19.00	/	/	17.20	/	/	<=33	Pass
		Inner_1RB_Left	18.75	/	/	16.95	/	/	<=33	Pass
		Inner_1RB_Right	18.79	/	/	16.99	/	/	<=33	Pass
	2595	Edge_1RB_Left	18.83	/	/	17.03	/	/	<=33	Pass
		Edge_1RB_Right	18.77	/	/	16.97	/	/	<=33	Pass
		Outer_Full	18.81	/	/	17.01	/	/	<=33	Pass
		Inner_Full	18.85	/	/	17.05	/	/	<=33	Pass
		Inner_1RB_Left	18.85	/	/	17.05	/	/	<=33	Pass
		Inner_1RB_Right	18.80	/	/	17.00	/	/	<=33	Pass
	2610	Edge_1RB_Left	18.87	/	/	17.07	/	/	<=33	Pass
		Edge_1RB_Right	18.70	/	/	16.90	/	/	<=33	Pass
		Outer_Full	18.83	/	/	17.03	/	/	<=33	Pass
Inner_Full		18.94	/	/	17.14	/	/	<=33	Pass	
Inner_1RB_Left		18.98	/	/	17.18	/	/	<=33	Pass	
Inner_1RB_Right	18.70	/	/	16.90	/	/	<=33	Pass		
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2582.5	Edge_1RB_Left	22.04	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Right	21.98	/	/	20.18	/	/	<=33	Pass
		Outer_Full	24.26	/	/	22.46	/	/	<=33	Pass
		Inner_Full	25.27	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	25.39	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Right	25.41	/	/	23.61	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.95	/	/	20.15	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	20.03	/	/	<=33	Pass
		Outer_Full	24.27	/	/	22.47	/	/	<=33	Pass
		Inner_Full	25.21	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	25.23	/	/	23.43	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	22.08	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	20.09	/	/	<=33	Pass
		Outer_Full	24.27	/	/	22.47	/	/	<=33	Pass
		Inner_Full	25.32	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	25.47	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	25.17	/	/	23.37	/	/	<=33	Pass
DFT-s-OFDM QPSK	2582.5	Edge_1RB_Left	24.44	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	24.45	/	/	22.65	/	/	<=33	Pass
		Outer_Full	24.51	/	/	22.71	/	/	<=33	Pass
		Inner_Full	25.50	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	25.56	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Right	25.59	/	/	23.79	/	/	<=33	Pass
	2595	Edge_1RB_Left	24.44	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	24.28	/	/	22.48	/	/	<=33	Pass
		Outer_Full	24.40	/	/	22.60	/	/	<=33	Pass
		Inner_Full	25.38	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	25.54	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	23.64	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	24.56	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	24.24	/	/	22.44	/	/	<=33	Pass
		Outer_Full	24.50	/	/	22.70	/	/	<=33	Pass
		Inner_Full	25.45	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	25.63	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Right	25.37	/	/	23.57	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2582.5	Edge_1RB_Left	23.28	/	/	21.48	/	/	<=33	Pass
		Edge_1RB_Right	23.29	/	/	21.49	/	/	<=33	Pass
		Outer_Full	23.38	/	/	21.58	/	/	<=33	Pass
		Inner_Full	24.33	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	24.24	/	/	22.44	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.22	/	/	21.42	/	/	<=33	Pass
		Edge_1RB_Right	23.12	/	/	21.32	/	/	<=33	Pass
		Outer_Full	23.28	/	/	21.48	/	/	<=33	Pass
		Inner_Full	24.20	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Left	24.18	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	24.03	/	/	22.23	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	23.34	/	/	21.54	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	21.28	/	/	<=33	Pass
		Outer_Full	23.34	/	/	21.54	/	/	<=33	Pass
		Inner_Full	24.29	/	/	22.49	/	/	<=33	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	24.34	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	22.27	/	/	<=33	Pass
	2582.5	Edge_1RB_Left	22.97	/	/	21.17	/	/	<=33	Pass
		Edge_1RB_Right	22.97	/	/	21.17	/	/	<=33	Pass
		Outer_Full	22.92	/	/	21.12	/	/	<=33	Pass
		Inner_Full	22.85	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	22.95	/	/	21.15	/	/	<=33	Pass
		Inner_1RB_Right	22.99	/	/	21.19	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.99	/	/	21.19	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	21.10	/	/	<=33	Pass
		Outer_Full	22.81	/	/	21.01	/	/	<=33	Pass
		Inner_Full	22.86	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	21.12	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	23.11	/	/	21.31	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	21.06	/	/	<=33	Pass
		Outer_Full	22.88	/	/	21.08	/	/	<=33	Pass
		Inner_Full	22.85	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	21.32	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	21.05	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2582.5	Edge_1RB_Left	20.97	/	/	19.17	/	/	<=33	Pass
		Edge_1RB_Right	20.89	/	/	19.09	/	/	<=33	Pass
		Outer_Full	20.90	/	/	19.10	/	/	<=33	Pass
		Inner_Full	20.87	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Right	20.87	/	/	19.07	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.88	/	/	19.08	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	18.88	/	/	<=33	Pass
		Outer_Full	20.76	/	/	18.96	/	/	<=33	Pass
		Inner_Full	20.80	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Left	20.89	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Right	20.71	/	/	18.91	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	20.94	/	/	19.14	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	18.94	/	/	<=33	Pass
		Outer_Full	20.85	/	/	19.05	/	/	<=33	Pass
		Inner_Full	20.78	/	/	18.98	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	19.20	/	/	<=33	Pass
		Inner_1RB_Right	20.64	/	/	18.84	/	/	<=33	Pass
CP-OFDM QPSK	2582.5	Edge_1RB_Left	22.64	/	/	20.84	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	20.76	/	/	<=33	Pass
		Outer_Full	18.55	/	/	16.75	/	/	<=33	Pass
		Inner_Full	24.11	/	/	22.31	/	/	<=33	Pass
		Inner_1RB_Left	24.22	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	24.31	/	/	22.51	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.54	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	20.64	/	/	<=33	Pass
		Outer_Full	18.43	/	/	16.63	/	/	<=33	Pass
		Inner_Full	23.99	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	24.26	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Right	24.14	/	/	22.34	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	22.60	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	22.31	/	/	20.51	/	/	<=33	Pass
		Outer_Full	18.56	/	/	16.76	/	/	<=33	Pass
		Inner_Full	24.09	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	24.40	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	22.25	/	/	<=33	Pass
CP-OFDM 16 QAM	2582.5	Edge_1RB_Left	22.42	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	20.66	/	/	<=33	Pass
		Outer_Full	22.43	/	/	20.63	/	/	<=33	Pass

		Inner_Full	23.44	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Left	23.47	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Right	23.39	/	/	21.59	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.36	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	20.46	/	/	<=33	Pass
		Outer_Full	22.41	/	/	20.61	/	/	<=33	Pass
		Inner_Full	23.42	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	23.32	/	/	21.52	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	22.45	/	/	20.65	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	20.36	/	/	<=33	Pass
		Outer_Full	22.41	/	/	20.61	/	/	<=33	Pass
		Inner_Full	23.39	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Right	23.22	/	/	21.42	/	/	<=33	Pass
CP-OFDM 64 QAM	2582.5	Edge_1RB_Left	21.94	/	/	20.14	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	20.09	/	/	<=33	Pass
		Outer_Full	21.93	/	/	20.13	/	/	<=33	Pass
		Inner_Full	21.90	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	21.95	/	/	20.15	/	/	<=33	Pass
		Inner_1RB_Right	22.01	/	/	20.21	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.01	/	/	20.21	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	20.07	/	/	<=33	Pass
		Outer_Full	21.85	/	/	20.05	/	/	<=33	Pass
		Inner_Full	21.81	/	/	20.01	/	/	<=33	Pass
		Inner_1RB_Left	22.02	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Right	21.90	/	/	20.10	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	22.04	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	20.03	/	/	<=33	Pass
		Outer_Full	21.90	/	/	20.10	/	/	<=33	Pass
		Inner_Full	21.88	/	/	20.08	/	/	<=33	Pass
		Inner_1RB_Left	22.14	/	/	20.34	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	20.05	/	/	<=33	Pass
CP-OFDM 256 QAM	2582.5	Edge_1RB_Left	18.97	/	/	17.17	/	/	<=33	Pass
		Edge_1RB_Right	18.89	/	/	17.09	/	/	<=33	Pass
		Outer_Full	18.87	/	/	17.07	/	/	<=33	Pass
		Inner_Full	18.84	/	/	17.04	/	/	<=33	Pass
		Inner_1RB_Left	18.98	/	/	17.18	/	/	<=33	Pass
		Inner_1RB_Right	18.93	/	/	17.13	/	/	<=33	Pass
	2595	Edge_1RB_Left	18.89	/	/	17.09	/	/	<=33	Pass
		Edge_1RB_Right	18.70	/	/	16.90	/	/	<=33	Pass
		Outer_Full	18.80	/	/	17.00	/	/	<=33	Pass
		Inner_Full	18.84	/	/	17.04	/	/	<=33	Pass
		Inner_1RB_Left	18.89	/	/	17.09	/	/	<=33	Pass
		Inner_1RB_Right	18.72	/	/	16.92	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	18.97	/	/	17.17	/	/	<=33	Pass
		Edge_1RB_Right	18.77	/	/	16.97	/	/	<=33	Pass
		Outer_Full	18.93	/	/	17.13	/	/	<=33	Pass
Inner_Full		18.84	/	/	17.04	/	/	<=33	Pass	
Inner_1RB_Left		19.04	/	/	17.24	/	/	<=33	Pass	
Inner_1RB_Right		18.79	/	/	16.99	/	/	<=33	Pass	
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2585	Edge_1RB_Left	22.00	/	/	20.20	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	20.05	/	/	<=33	Pass
		Outer_Full	24.15	/	/	22.35	/	/	<=33	Pass
		Inner_Full	25.26	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Right	25.30	/	/	23.50	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.01	/	/	20.21	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	20.00	/	/	<=33	Pass
		Outer_Full	24.22	/	/	22.42	/	/	<=33	Pass
		Inner_Full	25.29	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	25.39	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Right	25.15	/	/	23.35	/	/	<=33	Pass
	2605	Edge_1RB_Left	22.02	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	20.01	/	/	<=33	Pass
		Outer_Full	24.23	/	/	22.43	/	/	<=33	Pass
		Inner_Full	25.27	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	25.44	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	23.33	/	/	<=33	Pass
DFT-s-OFDM QPSK	2585	Edge_1RB_Left	24.39	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	24.31	/	/	22.51	/	/	<=33	Pass
		Outer_Full	24.45	/	/	22.65	/	/	<=33	Pass
		Inner_Full	25.47	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	25.47	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	25.47	/	/	23.67	/	/	<=33	Pass
	2595	Edge_1RB_Left	24.43	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	24.28	/	/	22.48	/	/	<=33	Pass
		Outer_Full	24.46	/	/	22.66	/	/	<=33	Pass
		Inner_Full	25.47	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	25.50	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	25.32	/	/	23.52	/	/	<=33	Pass
	2605	Edge_1RB_Left	24.52	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	24.21	/	/	22.41	/	/	<=33	Pass
		Outer_Full	24.47	/	/	22.67	/	/	<=33	Pass
		Inner_Full	25.47	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Left	25.65	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Right	25.27	/	/	23.47	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2585	Edge_1RB_Left	23.20	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	23.21	/	/	21.41	/	/	<=33	Pass
		Outer_Full	23.33	/	/	21.53	/	/	<=33	Pass
		Inner_Full	24.27	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	24.27	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Right	24.17	/	/	22.37	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.25	/	/	21.45	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	21.21	/	/	<=33	Pass
		Outer_Full	23.42	/	/	21.62	/	/	<=33	Pass
		Inner_Full	24.31	/	/	22.51	/	/	<=33	Pass
		Inner_1RB_Left	24.22	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	22.20	/	/	<=33	Pass
	2605	Edge_1RB_Left	23.29	/	/	21.49	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	21.16	/	/	<=33	Pass
		Outer_Full	23.38	/	/	21.58	/	/	<=33	Pass
		Inner_Full	24.34	/	/	22.54	/	/	<=33	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	24.30	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	22.15	/	/	<=33	Pass
	2585	Edge_1RB_Left	22.92	/	/	21.12	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	21.14	/	/	<=33	Pass
		Outer_Full	22.84	/	/	21.04	/	/	<=33	Pass
		Inner_Full	22.80	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	22.94	/	/	21.14	/	/	<=33	Pass
		Inner_1RB_Right	22.95	/	/	21.15	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.97	/	/	21.17	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	21.01	/	/	<=33	Pass
		Outer_Full	22.94	/	/	21.14	/	/	<=33	Pass
		Inner_Full	22.89	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	22.84	/	/	21.04	/	/	<=33	Pass
	2605	Edge_1RB_Left	23.06	/	/	21.26	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	20.98	/	/	<=33	Pass
		Outer_Full	22.90	/	/	21.10	/	/	<=33	Pass
		Inner_Full	22.85	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Right	22.76	/	/	20.96	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2585	Edge_1RB_Left	20.88	/	/	19.08	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	18.96	/	/	<=33	Pass
		Outer_Full	20.86	/	/	19.06	/	/	<=33	Pass
		Inner_Full	20.69	/	/	18.89	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	18.96	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.82	/	/	19.02	/	/	<=33	Pass
		Edge_1RB_Right	20.63	/	/	18.83	/	/	<=33	Pass
		Outer_Full	20.85	/	/	19.05	/	/	<=33	Pass
		Inner_Full	20.79	/	/	18.99	/	/	<=33	Pass
		Inner_1RB_Left	20.87	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Right	20.65	/	/	18.85	/	/	<=33	Pass
	2605	Edge_1RB_Left	20.97	/	/	19.17	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	18.87	/	/	<=33	Pass
		Outer_Full	20.89	/	/	19.09	/	/	<=33	Pass
		Inner_Full	20.79	/	/	18.99	/	/	<=33	Pass
		Inner_1RB_Left	20.95	/	/	19.15	/	/	<=33	Pass
		Inner_1RB_Right	20.68	/	/	18.88	/	/	<=33	Pass
CP-OFDM QPSK	2585	Edge_1RB_Left	22.54	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	20.66	/	/	<=33	Pass
		Outer_Full	18.35	/	/	16.55	/	/	<=33	Pass
		Inner_Full	23.91	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	24.29	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Right	24.17	/	/	22.37	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.54	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	20.61	/	/	<=33	Pass
		Outer_Full	18.42	/	/	16.62	/	/	<=33	Pass
		Inner_Full	23.99	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	24.22	/	/	22.42	/	/	<=33	Pass
		Inner_1RB_Right	24.03	/	/	22.23	/	/	<=33	Pass
	2605	Edge_1RB_Left	22.60	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	20.71	/	/	<=33	Pass
		Outer_Full	18.42	/	/	16.62	/	/	<=33	Pass
		Inner_Full	23.98	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Right	24.03	/	/	22.23	/	/	<=33	Pass
CP-OFDM 16 QAM	2585	Edge_1RB_Left	22.41	/	/	20.61	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	20.56	/	/	<=33	Pass
		Outer_Full	22.41	/	/	20.61	/	/	<=33	Pass

		Inner_Full	23.38	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	21.49	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.40	/	/	20.60	/	/	<=33	Pass
		Edge_1RB_Right	22.22	/	/	20.42	/	/	<=33	Pass
		Outer_Full	22.47	/	/	20.67	/	/	<=33	Pass
		Inner_Full	23.47	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Left	23.42	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	21.36	/	/	<=33	Pass
	2605	Edge_1RB_Left	22.47	/	/	20.67	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	20.52	/	/	<=33	Pass
		Outer_Full	22.43	/	/	20.63	/	/	<=33	Pass
		Inner_Full	23.45	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Left	23.54	/	/	21.74	/	/	<=33	Pass
		Inner_1RB_Right	23.24	/	/	21.44	/	/	<=33	Pass
CP-OFDM 64 QAM	2585	Edge_1RB_Left	22.02	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	20.15	/	/	<=33	Pass
		Outer_Full	21.85	/	/	20.05	/	/	<=33	Pass
		Inner_Full	21.87	/	/	20.07	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	19.98	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.99	/	/	20.19	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	20.07	/	/	<=33	Pass
		Outer_Full	21.92	/	/	20.12	/	/	<=33	Pass
		Inner_Full	21.95	/	/	20.15	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Right	21.77	/	/	19.97	/	/	<=33	Pass
	2605	Edge_1RB_Left	22.03	/	/	20.23	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	19.97	/	/	<=33	Pass
		Outer_Full	21.90	/	/	20.10	/	/	<=33	Pass
		Inner_Full	21.92	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Right	21.72	/	/	19.92	/	/	<=33	Pass
CP-OFDM 256 QAM	2585	Edge_1RB_Left	18.88	/	/	17.08	/	/	<=33	Pass
		Edge_1RB_Right	18.77	/	/	16.97	/	/	<=33	Pass
		Outer_Full	18.81	/	/	17.01	/	/	<=33	Pass
		Inner_Full	18.81	/	/	17.01	/	/	<=33	Pass
		Inner_1RB_Left	18.95	/	/	17.15	/	/	<=33	Pass
		Inner_1RB_Right	18.76	/	/	16.96	/	/	<=33	Pass
	2595	Edge_1RB_Left	18.88	/	/	17.08	/	/	<=33	Pass
		Edge_1RB_Right	18.72	/	/	16.92	/	/	<=33	Pass
		Outer_Full	18.94	/	/	17.14	/	/	<=33	Pass
		Inner_Full	18.81	/	/	17.01	/	/	<=33	Pass
		Inner_1RB_Left	19.01	/	/	17.21	/	/	<=33	Pass
		Inner_1RB_Right	18.77	/	/	16.97	/	/	<=33	Pass
	2605	Edge_1RB_Left	19.00	/	/	17.20	/	/	<=33	Pass
		Edge_1RB_Right	18.71	/	/	16.91	/	/	<=33	Pass
		Outer_Full	18.91	/	/	17.11	/	/	<=33	Pass
Inner_Full		18.77	/	/	16.97	/	/	<=33	Pass	
Inner_1RB_Left		18.99	/	/	17.19	/	/	<=33	Pass	
Inner_1RB_Right	18.71	/	/	16.91	/	/	<=33	Pass		
Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2590	Edge_1RB_Left	21.99	/	/	20.19	/	/	<=33	Pass
		Edge_1RB_Right	21.78	/	/	19.98	/	/	<=33	Pass
		Outer_Full	24.27	/	/	22.47	/	/	<=33	Pass
		Inner_Full	25.30	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	25.30	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	23.40	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.88	/	/	20.08	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	19.86	/	/	<=33	Pass
		Outer_Full	24.28	/	/	22.48	/	/	<=33	Pass
		Inner_Full	25.23	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	23.22	/	/	<=33	Pass
	2600	Edge_1RB_Left	21.87	/	/	20.07	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	19.99	/	/	<=33	Pass
		Outer_Full	24.34	/	/	22.54	/	/	<=33	Pass
		Inner_Full	25.38	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	23.32	/	/	<=33	Pass
DFT-s-OFDM QPSK	2590	Edge_1RB_Left	24.35	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	24.33	/	/	22.53	/	/	<=33	Pass
		Outer_Full	24.55	/	/	22.75	/	/	<=33	Pass
		Inner_Full	25.51	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	25.44	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Right	25.40	/	/	23.60	/	/	<=33	Pass
	2595	Edge_1RB_Left	24.31	/	/	22.51	/	/	<=33	Pass
		Edge_1RB_Right	24.17	/	/	22.37	/	/	<=33	Pass
		Outer_Full	24.56	/	/	22.76	/	/	<=33	Pass
		Inner_Full	25.49	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	25.48	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	23.33	/	/	<=33	Pass
	2600	Edge_1RB_Left	24.41	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	24.18	/	/	22.38	/	/	<=33	Pass
		Outer_Full	24.51	/	/	22.71	/	/	<=33	Pass
		Inner_Full	25.50	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	25.47	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	25.23	/	/	23.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2590	Edge_1RB_Left	23.19	/	/	21.39	/	/	<=33	Pass
		Edge_1RB_Right	23.06	/	/	21.26	/	/	<=33	Pass
		Outer_Full	23.37	/	/	21.57	/	/	<=33	Pass
		Inner_Full	24.33	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Left	24.21	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Right	24.10	/	/	22.30	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.18	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	21.19	/	/	<=33	Pass
		Outer_Full	23.35	/	/	21.55	/	/	<=33	Pass
		Inner_Full	24.29	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Left	24.06	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Right	23.90	/	/	22.10	/	/	<=33	Pass
	2600	Edge_1RB_Left	23.23	/	/	21.43	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	21.22	/	/	<=33	Pass
		Outer_Full	23.34	/	/	21.54	/	/	<=33	Pass
		Inner_Full	24.41	/	/	22.61	/	/	<=33	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	24.15	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	22.20	/	/	<=33	Pass
	2590	Edge_1RB_Left	22.82	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	20.96	/	/	<=33	Pass
		Outer_Full	22.92	/	/	21.12	/	/	<=33	Pass
		Inner_Full	22.88	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Right	22.79	/	/	20.99	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.71	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	20.77	/	/	<=33	Pass
		Outer_Full	22.82	/	/	21.02	/	/	<=33	Pass
		Inner_Full	22.82	/	/	21.02	/	/	<=33	Pass
		Inner_1RB_Left	22.72	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Right	22.54	/	/	20.74	/	/	<=33	Pass
	2600	Edge_1RB_Left	22.87	/	/	21.07	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	20.85	/	/	<=33	Pass
		Outer_Full	22.98	/	/	21.18	/	/	<=33	Pass
		Inner_Full	22.93	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	20.86	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2590	Edge_1RB_Left	20.87	/	/	19.07	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	18.88	/	/	<=33	Pass
		Outer_Full	20.94	/	/	19.14	/	/	<=33	Pass
		Inner_Full	20.82	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Left	20.79	/	/	18.99	/	/	<=33	Pass
		Inner_1RB_Right	20.70	/	/	18.90	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.77	/	/	18.97	/	/	<=33	Pass
		Edge_1RB_Right	20.60	/	/	18.80	/	/	<=33	Pass
		Outer_Full	20.84	/	/	19.04	/	/	<=33	Pass
		Inner_Full	20.77	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Left	20.78	/	/	18.98	/	/	<=33	Pass
		Inner_1RB_Right	20.52	/	/	18.72	/	/	<=33	Pass
	2600	Edge_1RB_Left	20.78	/	/	18.98	/	/	<=33	Pass
		Edge_1RB_Right	20.55	/	/	18.75	/	/	<=33	Pass
		Outer_Full	20.85	/	/	19.05	/	/	<=33	Pass
		Inner_Full	20.86	/	/	19.06	/	/	<=33	Pass
		Inner_1RB_Left	20.82	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	18.74	/	/	<=33	Pass
CP-OFDM QPSK	2590	Edge_1RB_Left	22.43	/	/	20.63	/	/	<=33	Pass
		Edge_1RB_Right	22.38	/	/	20.58	/	/	<=33	Pass
		Outer_Full	18.52	/	/	16.72	/	/	<=33	Pass
		Inner_Full	23.96	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	22.28	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.51	/	/	20.71	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	20.47	/	/	<=33	Pass
		Outer_Full	18.46	/	/	16.66	/	/	<=33	Pass
		Inner_Full	23.85	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	24.07	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Right	23.89	/	/	22.09	/	/	<=33	Pass
	2600	Edge_1RB_Left	22.50	/	/	20.70	/	/	<=33	Pass
		Edge_1RB_Right	22.25	/	/	20.45	/	/	<=33	Pass
		Outer_Full	18.40	/	/	16.60	/	/	<=33	Pass
		Inner_Full	24.08	/	/	22.28	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Right	23.99	/	/	22.19	/	/	<=33	Pass
CP-OFDM 16 QAM	2590	Edge_1RB_Left	22.32	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	20.44	/	/	<=33	Pass
		Outer_Full	22.44	/	/	20.64	/	/	<=33	Pass

		Inner_Full	23.49	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	21.53	/	/	<=33	Pass
		Edge_1RB_Left	22.41	/	/	20.61	/	/	<=33	Pass
		Edge_1RB_Right	22.20	/	/	20.40	/	/	<=33	Pass
		Outer_Full	22.31	/	/	20.51	/	/	<=33	Pass
		Inner_Full	23.38	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	21.45	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.38	/	/	20.58	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	20.43	/	/	<=33	Pass
		Outer_Full	22.39	/	/	20.59	/	/	<=33	Pass
		Inner_Full	23.53	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Left	23.52	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	21.45	/	/	<=33	Pass
2600	Edge_1RB_Left	22.38	/	/	20.58	/	/	<=33	Pass	
	Edge_1RB_Right	22.23	/	/	20.43	/	/	<=33	Pass	
	Outer_Full	22.39	/	/	20.59	/	/	<=33	Pass	
	Inner_Full	23.53	/	/	21.73	/	/	<=33	Pass	
	Inner_1RB_Left	23.52	/	/	21.72	/	/	<=33	Pass	
	Inner_1RB_Right	23.25	/	/	21.45	/	/	<=33	Pass	
	Edge_1RB_Left	21.81	/	/	20.01	/	/	<=33	Pass	
	Edge_1RB_Right	21.74	/	/	19.94	/	/	<=33	Pass	
	Outer_Full	21.92	/	/	20.12	/	/	<=33	Pass	
CP-OFDM 64 QAM	2590	Inner_Full	21.90	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	21.87	/	/	20.07	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	19.98	/	/	<=33	Pass
		Edge_1RB_Left	21.78	/	/	19.98	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	19.86	/	/	<=33	Pass
		Outer_Full	21.84	/	/	20.04	/	/	<=33	Pass
	2595	Inner_Full	21.88	/	/	20.08	/	/	<=33	Pass
		Inner_1RB_Left	21.82	/	/	20.02	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	19.88	/	/	<=33	Pass
		Edge_1RB_Left	21.86	/	/	20.06	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	19.89	/	/	<=33	Pass
		Outer_Full	21.91	/	/	20.11	/	/	<=33	Pass
	2600	Inner_Full	22.03	/	/	20.23	/	/	<=33	Pass
		Inner_1RB_Left	21.91	/	/	20.11	/	/	<=33	Pass
		Inner_1RB_Right	21.72	/	/	19.92	/	/	<=33	Pass
		Edge_1RB_Left	18.80	/	/	17.00	/	/	<=33	Pass
		Edge_1RB_Right	18.68	/	/	16.88	/	/	<=33	Pass
		Outer_Full	18.90	/	/	17.10	/	/	<=33	Pass
CP-OFDM 256 QAM	2590	Inner_Full	18.96	/	/	17.16	/	/	<=33	Pass
		Inner_1RB_Left	18.90	/	/	17.10	/	/	<=33	Pass
		Inner_1RB_Right	18.68	/	/	16.88	/	/	<=33	Pass
		Edge_1RB_Left	18.88	/	/	17.08	/	/	<=33	Pass
		Edge_1RB_Right	18.57	/	/	16.77	/	/	<=33	Pass
		Outer_Full	18.76	/	/	16.96	/	/	<=33	Pass
	2595	Inner_Full	18.90	/	/	17.10	/	/	<=33	Pass
		Inner_1RB_Left	18.87	/	/	17.07	/	/	<=33	Pass
		Inner_1RB_Right	18.56	/	/	16.76	/	/	<=33	Pass
		Edge_1RB_Left	18.86	/	/	17.06	/	/	<=33	Pass
		Edge_1RB_Right	18.65	/	/	16.85	/	/	<=33	Pass
		Outer_Full	18.84	/	/	17.04	/	/	<=33	Pass
2600	Inner_Full	18.92	/	/	17.12	/	/	<=33	Pass	
	Inner_1RB_Left	18.91	/	/	17.11	/	/	<=33	Pass	
	Inner_1RB_Right	18.63	/	/	16.83	/	/	<=33	Pass	
	Note1: Antenna Gain: Ant2: -1.80dBi; Note2: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_40MHz

5G NR n38 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	2595	Outer_Full	20	LV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
			-30	NV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-13.40	-0.0052	>=-2.5 & <=2.5	Pass
			0	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-16.50	-0.0064	>=-2.5 & <=2.5	Pass
			50	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	20	LV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-13.10	-0.0050	>=-2.5 & <=2.5	Pass
			-10	NV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-11.90	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-11.90	-0.0046	>=-2.5 & <=2.5	Pass
			30	NV	5.10	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	20	LV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-16.90	-0.0065	>=-2.5 & <=2.5	Pass
			-30	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-12.90	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	20	LV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass
			-10	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-20.30	-0.0078	>=-2.5 & <=2.5	Pass
			30	NV	9.50	0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-19.70	-0.0076	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	20	LV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass

			-20	NV	-11.50	-0.0044	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-10.50	-0.0040	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-15.40	-0.0059	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-10.60	-0.0041	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.80	-0.0018	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-12.00	-0.0046	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-11.90	-0.0046	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-16.40	-0.0063	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	2595	Outer_Full	20	LV	-10.80	-0.0042	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.90	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-9.30	-0.0036	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.10	0.0020	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-13.70	-0.0053	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.60	0.0014	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-11.60	-0.0045	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.90	-0.0030	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.70	-0.0026	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-14.10	-0.0054	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-8.30	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2595	Outer_Full	20	LV	0.90	0.0003	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-9.00	-0.0035	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.80	-0.0030	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.50	-0.0029	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.90	-0.0023	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.40	-0.0029	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-8.80	-0.0034	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.20	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-15.30	-0.0059	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-11.60	-0.0045	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	2.70	0.0010	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2595	Outer_Full	20	LV	-14.80	-0.0057	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.50	-0.0021	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.70	-0.0026	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-11.60	-0.0045	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.60	-0.0037	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.20	-0.0028	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.10	-0.0012	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-10.30	-0.0040	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-17.40	-0.0067	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-6.70	-0.0026	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-9.30	-0.0036	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2595	Outer_Full	20	LV	-7.20	-0.0028	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-9.30	-0.0036	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-10.00	-0.0039	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-12.80	-0.0049	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.90	-0.0015	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.50	-0.0033	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.40	-0.0005	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.20	0.0005	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.40	-0.0025	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-9.00	-0.0035	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-7.10	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n38 SCS=30kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2575	Outer_Full	8.72	10.15	/	Pass
	2595	Outer_Full	8.74	10.19	/	Pass
	2615	Outer_Full	8.71	10.23	/	Pass
DFT-s-OFDM QPSK	2575	Outer_Full	8.72	10.24	/	Pass
	2595	Outer_Full	8.71	10.23	/	Pass
	2615	Outer_Full	8.73	10.22	/	Pass
DFT-s-OFDM 16 QAM	2575	Outer_Full	8.78	10.13	/	Pass
	2595	Outer_Full	8.77	10.29	/	Pass
	2615	Outer_Full	8.76	10.48	/	Pass
DFT-s-OFDM 64 QAM	2575	Outer_Full	8.74	10.44	/	Pass
	2595	Outer_Full	8.72	10.46	/	Pass
	2615	Outer_Full	8.72	10.16	/	Pass
DFT-s-OFDM 256 QAM	2575	Outer_Full	8.76	10.53	/	Pass
	2595	Outer_Full	8.72	10.18	/	Pass
	2615	Outer_Full	8.77	10.42	/	Pass
CP-OFDM QPSK	2575	Outer_Full	8.72	10.09	/	Pass
	2595	Outer_Full	8.73	10.44	/	Pass
	2615	Outer_Full	8.71	10.31	/	Pass
CP-OFDM 16 QAM	2575	Outer_Full	8.78	10.40	/	Pass
	2595	Outer_Full	8.74	10.32	/	Pass
	2615	Outer_Full	8.72	10.29	/	Pass
CP-OFDM 64 QAM	2575	Outer_Full	8.74	10.39	/	Pass
	2595	Outer_Full	8.72	10.32	/	Pass
	2615	Outer_Full	8.74	10.36	/	Pass
CP-OFDM 256 QAM	2575	Outer_Full	8.74	10.29	/	Pass
	2595	Outer_Full	8.71	10.12	/	Pass
	2615	Outer_Full	8.76	10.29	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n38 SCS=30kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2577.5	Outer_Full	13.07	14.87	/	Pass
	2595	Outer_Full	13.09	15.00	/	Pass
	2612.5	Outer_Full	13.04	14.71	/	Pass
DFT-s-OFDM QPSK	2577.5	Outer_Full	13.05	14.64	/	Pass
	2595	Outer_Full	13.07	14.94	/	Pass
	2612.5	Outer_Full	13.06	14.89	/	Pass
DFT-s-OFDM 16 QAM	2577.5	Outer_Full	13.11	14.97	/	Pass
	2595	Outer_Full	13.12	14.78	/	Pass
	2612.5	Outer_Full	13.13	14.66	/	Pass
DFT-s-OFDM 64 QAM	2577.5	Outer_Full	13.07	14.82	/	Pass
	2595	Outer_Full	13.10	15.02	/	Pass
	2612.5	Outer_Full	13.05	14.66	/	Pass

DFT-s-OFDM 256 QAM	2577.5	Outer_Full	13.09	14.97	/	Pass
	2595	Outer_Full	13.11	14.63	/	Pass
	2612.5	Outer_Full	13.10	14.81	/	Pass
CP-OFDM QPSK	2577.5	Outer_Full	13.78	15.58	/	Pass
	2595	Outer_Full	13.76	15.58	/	Pass
	2612.5	Outer_Full	13.77	15.66	/	Pass
CP-OFDM 16 QAM	2577.5	Outer_Full	13.77	15.54	/	Pass
	2595	Outer_Full	13.77	15.52	/	Pass
	2612.5	Outer_Full	13.76	15.44	/	Pass
CP-OFDM 64 QAM	2577.5	Outer_Full	13.80	15.42	/	Pass
	2595	Outer_Full	13.83	15.57	/	Pass
	2612.5	Outer_Full	13.78	15.51	/	Pass
CP-OFDM 256 QAM	2577.5	Outer_Full	13.77	15.51	/	Pass
	2595	Outer_Full	13.77	15.37	/	Pass
	2612.5	Outer_Full	13.78	15.26	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n38 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	2580	Outer_Full	18.08	19.95	/	Pass
	2595	Outer_Full	18.08	19.86	/	Pass
	2610	Outer_Full	18.06	19.97	/	Pass
DFT-s-OFDM QPSK	2580	Outer_Full	18.17	19.89	/	Pass
	2595	Outer_Full	18.19	19.84	/	Pass
	2610	Outer_Full	18.18	20.01	/	Pass
DFT-s-OFDM 16 QAM	2580	Outer_Full	18.14	20.07	/	Pass
	2595	Outer_Full	18.16	19.95	/	Pass
	2610	Outer_Full	18.18	19.96	/	Pass
DFT-s-OFDM 64 QAM	2580	Outer_Full	18.09	20.03	/	Pass
	2595	Outer_Full	18.11	20.12	/	Pass
	2610	Outer_Full	18.15	20.14	/	Pass
DFT-s-OFDM 256 QAM	2580	Outer_Full	18.08	20.05	/	Pass
	2595	Outer_Full	18.09	20.07	/	Pass
	2610	Outer_Full	18.06	19.94	/	Pass
CP-OFDM QPSK	2580	Outer_Full	18.39	20.36	/	Pass
	2595	Outer_Full	18.41	20.39	/	Pass
	2610	Outer_Full	18.37	20.39	/	Pass
CP-OFDM 16 QAM	2580	Outer_Full	18.41	20.67	/	Pass
	2595	Outer_Full	18.43	20.29	/	Pass
	2610	Outer_Full	18.39	20.18	/	Pass
CP-OFDM 64 QAM	2580	Outer_Full	18.42	20.62	/	Pass
	2595	Outer_Full	18.37	20.29	/	Pass
	2610	Outer_Full	18.44	20.39	/	Pass
CP-OFDM 256 QAM	2580	Outer_Full	18.44	20.27	/	Pass
	2595	Outer_Full	18.41	20.26	/	Pass
	2610	Outer_Full	18.37	20.25	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n38 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	2582.5	Outer_Full	23.10	25.20	/	Pass
	2595	Outer_Full	23.13	25.38	/	Pass

	2607.5	Outer_Full	23.09	25.20	/	Pass
DFT-s-OFDM QPSK	2582.5	Outer_Full	23.09	25.31	/	Pass
	2595	Outer_Full	23.08	25.29	/	Pass
	2607.5	Outer_Full	23.07	25.14	/	Pass
DFT-s-OFDM 16 QAM	2582.5	Outer_Full	23.18	25.40	/	Pass
	2595	Outer_Full	23.11	25.27	/	Pass
	2607.5	Outer_Full	23.22	25.35	/	Pass
DFT-s-OFDM 64 QAM	2582.5	Outer_Full	23.14	25.54	/	Pass
	2595	Outer_Full	23.15	25.23	/	Pass
	2607.5	Outer_Full	23.15	25.29	/	Pass
DFT-s-OFDM 256 QAM	2582.5	Outer_Full	23.14	25.35	/	Pass
	2595	Outer_Full	23.10	25.36	/	Pass
	2607.5	Outer_Full	23.09	25.43	/	Pass
CP-OFDM QPSK	2582.5	Outer_Full	23.43	25.74	/	Pass
	2595	Outer_Full	23.36	25.39	/	Pass
	2607.5	Outer_Full	23.42	25.68	/	Pass
CP-OFDM 16 QAM	2582.5	Outer_Full	23.43	25.58	/	Pass
	2595	Outer_Full	23.42	25.65	/	Pass
	2607.5	Outer_Full	23.43	25.61	/	Pass
CP-OFDM 64 QAM	2582.5	Outer_Full	23.45	25.66	/	Pass
	2595	Outer_Full	23.49	25.61	/	Pass
	2607.5	Outer_Full	23.44	25.81	/	Pass
CP-OFDM 256 QAM	2582.5	Outer_Full	23.52	25.82	/	Pass
	2595	Outer_Full	23.43	25.58	/	Pass
	2607.5	Outer_Full	23.47	25.65	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

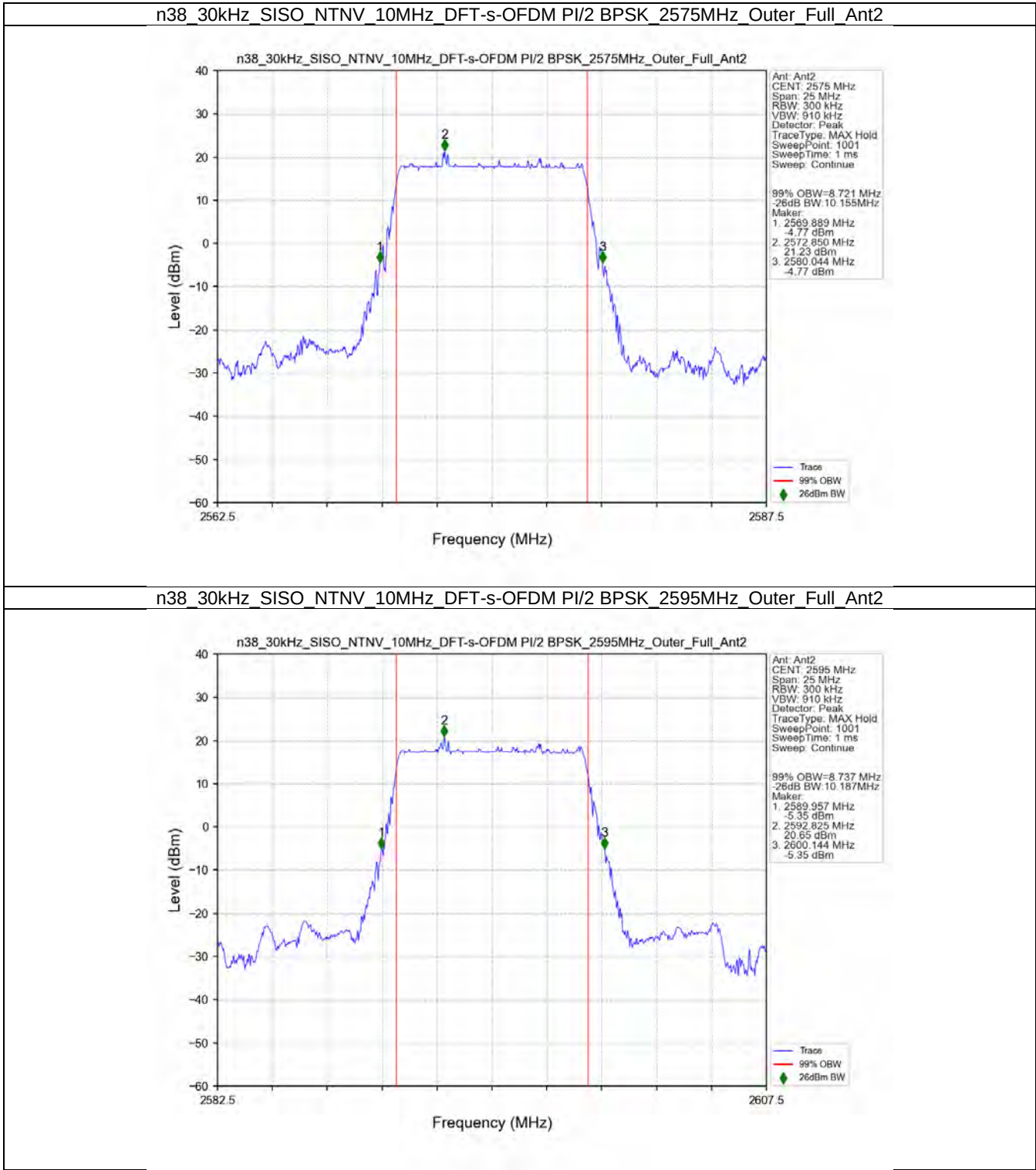
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Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2585	Outer_Full	27.13	29.48	/	Pass
	2595	Outer_Full	27.17	29.68	/	Pass
	2605	Outer_Full	27.16	29.57	/	Pass
DFT-s-OFDM QPSK	2585	Outer_Full	27.16	29.59	/	Pass
	2595	Outer_Full	27.12	29.46	/	Pass
	2605	Outer_Full	27.15	29.32	/	Pass
DFT-s-OFDM 16 QAM	2585	Outer_Full	27.16	29.48	/	Pass
	2595	Outer_Full	27.26	29.43	/	Pass
	2605	Outer_Full	27.20	29.38	/	Pass
DFT-s-OFDM 64 QAM	2585	Outer_Full	27.15	29.43	/	Pass
	2595	Outer_Full	27.13	29.50	/	Pass
	2605	Outer_Full	27.18	29.41	/	Pass
DFT-s-OFDM 256 QAM	2585	Outer_Full	27.11	29.54	/	Pass
	2595	Outer_Full	27.17	29.54	/	Pass
	2605	Outer_Full	27.18	29.50	/	Pass
CP-OFDM QPSK	2585	Outer_Full	28.12	30.37	/	Pass
	2595	Outer_Full	28.14	30.52	/	Pass
	2605	Outer_Full	28.13	30.25	/	Pass
CP-OFDM 16 QAM	2585	Outer_Full	28.14	30.50	/	Pass
	2595	Outer_Full	28.18	30.47	/	Pass
	2605	Outer_Full	28.15	30.54	/	Pass
CP-OFDM 64 QAM	2585	Outer_Full	28.13	30.49	/	Pass
	2595	Outer_Full	28.09	30.51	/	Pass
	2605	Outer_Full	28.07	30.93	/	Pass
CP-OFDM 256 QAM	2585	Outer_Full	28.15	30.57	/	Pass
	2595	Outer_Full	28.14	30.34	/	Pass
	2605	Outer_Full	28.12	30.48	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

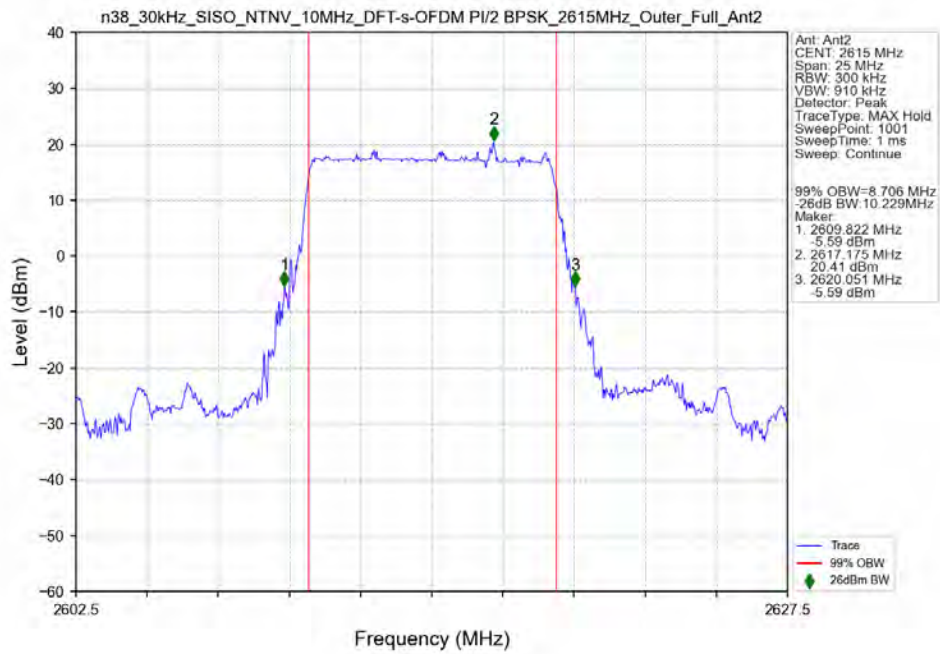
5G NR n38 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2590	Outer_Full	36.06	38.67	/	Pass
	2595	Outer_Full	35.99	39.05	/	Pass
	2600	Outer_Full	36.09	38.76	/	Pass
DFT-s-OFDM QPSK	2590	Outer_Full	36.00	38.80	/	Pass
	2595	Outer_Full	35.86	38.84	/	Pass
	2600	Outer_Full	36.03	38.93	/	Pass
DFT-s-OFDM 16 QAM	2590	Outer_Full	36.07	38.87	/	Pass
	2595	Outer_Full	36.07	39.01	/	Pass
	2600	Outer_Full	36.18	39.05	/	Pass
DFT-s-OFDM 64 QAM	2590	Outer_Full	36.05	38.85	/	Pass
	2595	Outer_Full	36.04	38.79	/	Pass
	2600	Outer_Full	36.02	38.72	/	Pass
DFT-s-OFDM 256 QAM	2590	Outer_Full	36.06	38.69	/	Pass
	2595	Outer_Full	36.09	38.85	/	Pass
	2600	Outer_Full	36.05	38.71	/	Pass
CP-OFDM QPSK	2590	Outer_Full	38.19	41.04	/	Pass
	2595	Outer_Full	38.17	41.04	/	Pass
	2600	Outer_Full	38.17	41.00	/	Pass
CP-OFDM 16 QAM	2590	Outer_Full	38.17	41.05	/	Pass
	2595	Outer_Full	38.13	41.01	/	Pass
	2600	Outer_Full	38.13	40.80	/	Pass
CP-OFDM 64 QAM	2590	Outer_Full	38.28	41.16	/	Pass
	2595	Outer_Full	38.27	41.23	/	Pass
	2600	Outer_Full	38.31	41.11	/	Pass
CP-OFDM 256 QAM	2590	Outer_Full	38.24	40.86	/	Pass
	2595	Outer_Full	38.28	40.79	/	Pass
	2600	Outer_Full	38.31	40.91	/	Pass

3.2 Test Graph

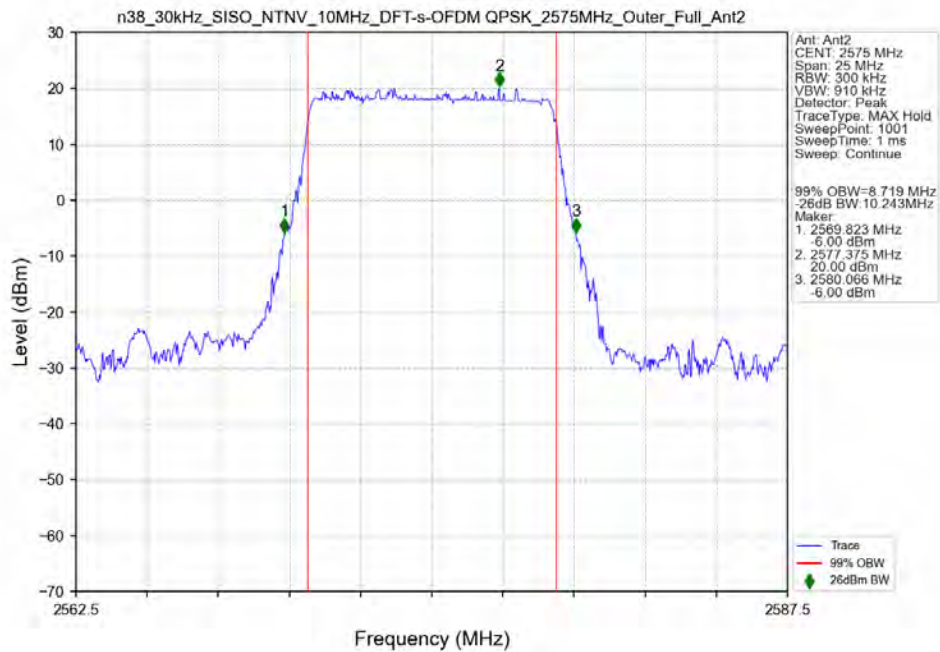
3.2.1 30k_SISO_10MHz_NTNV



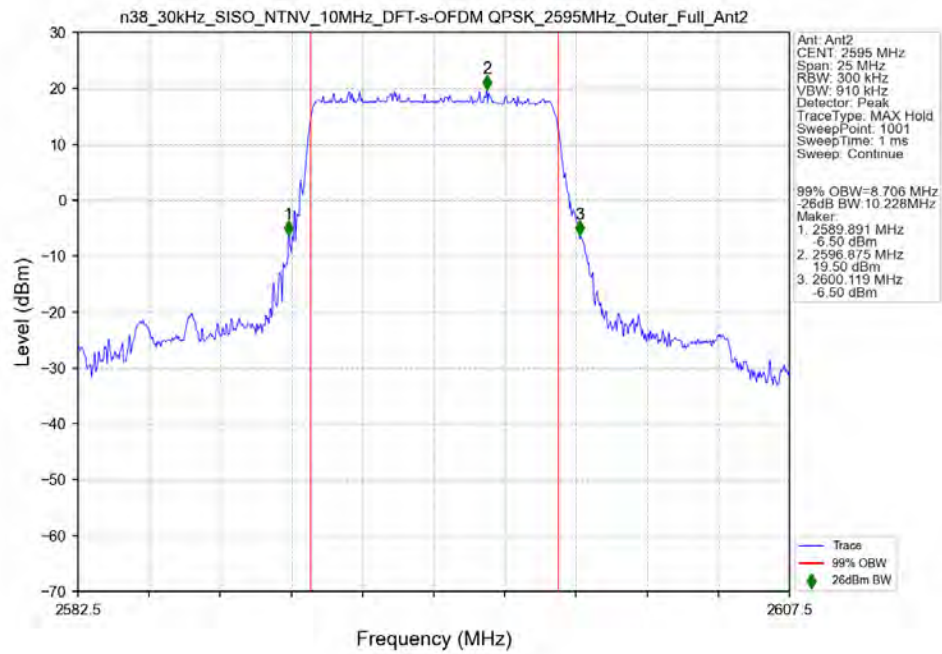
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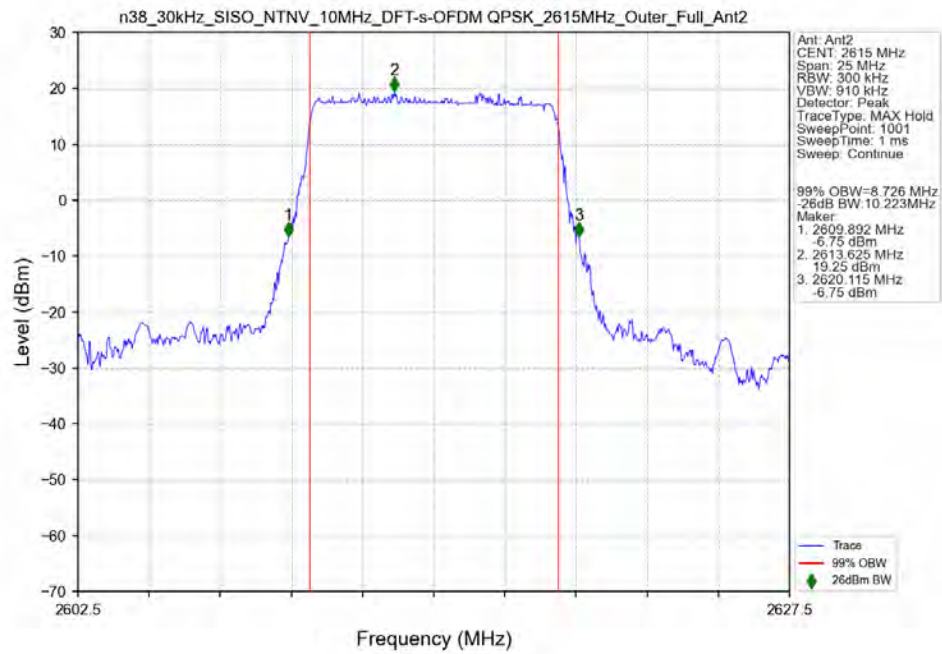
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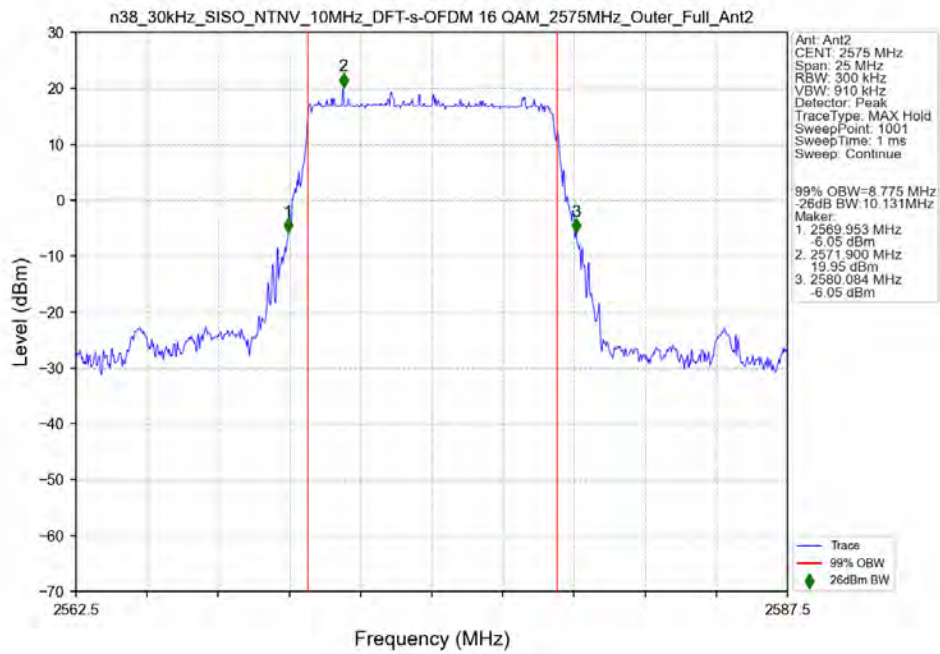
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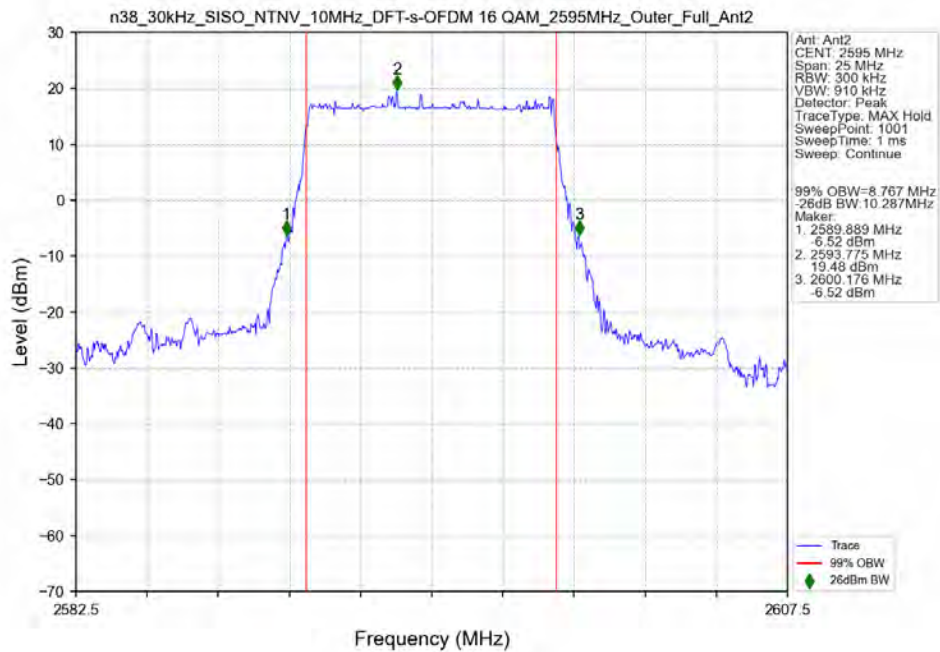
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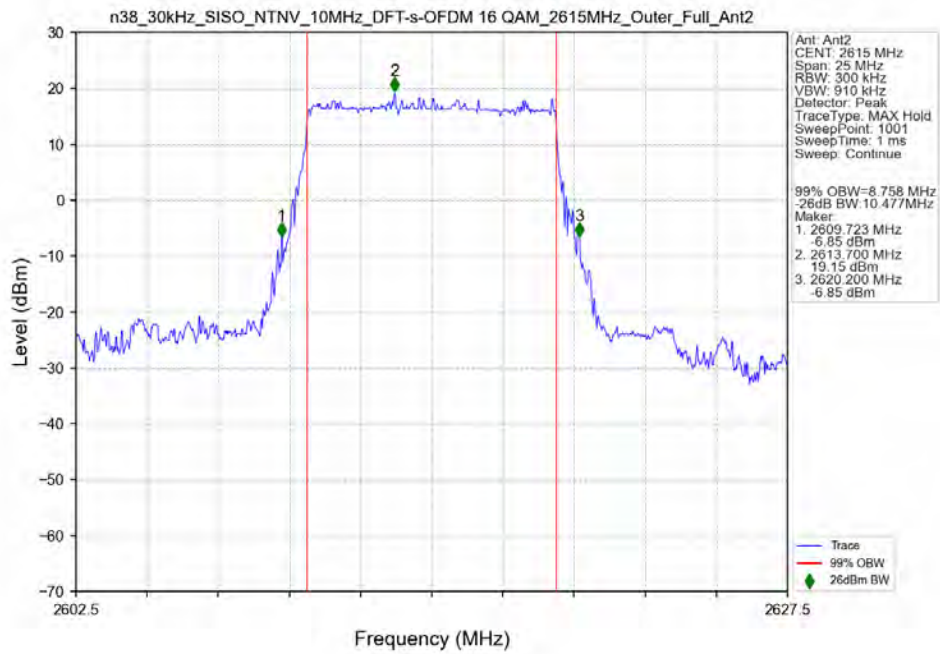
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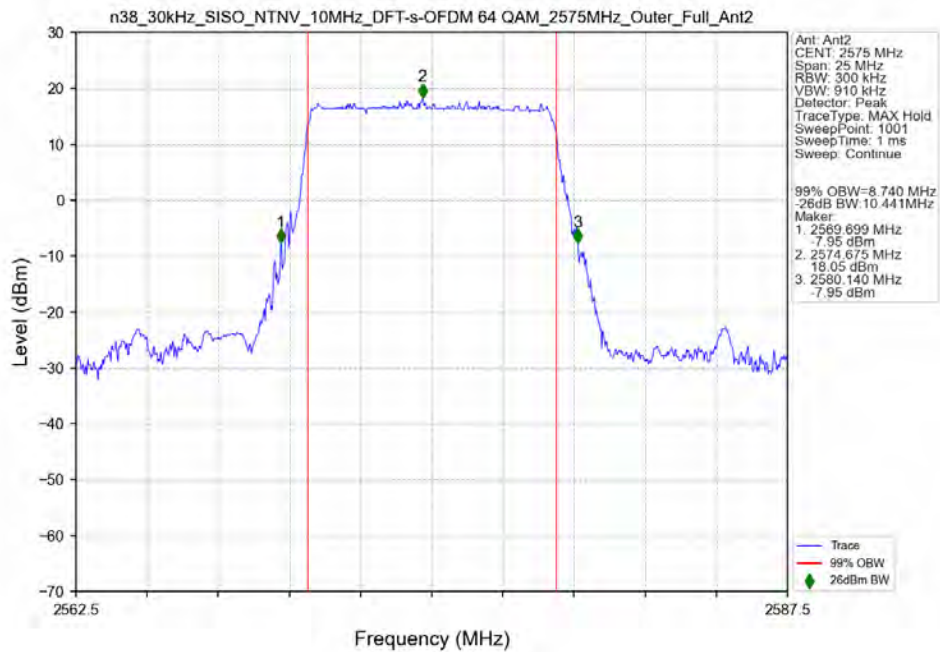
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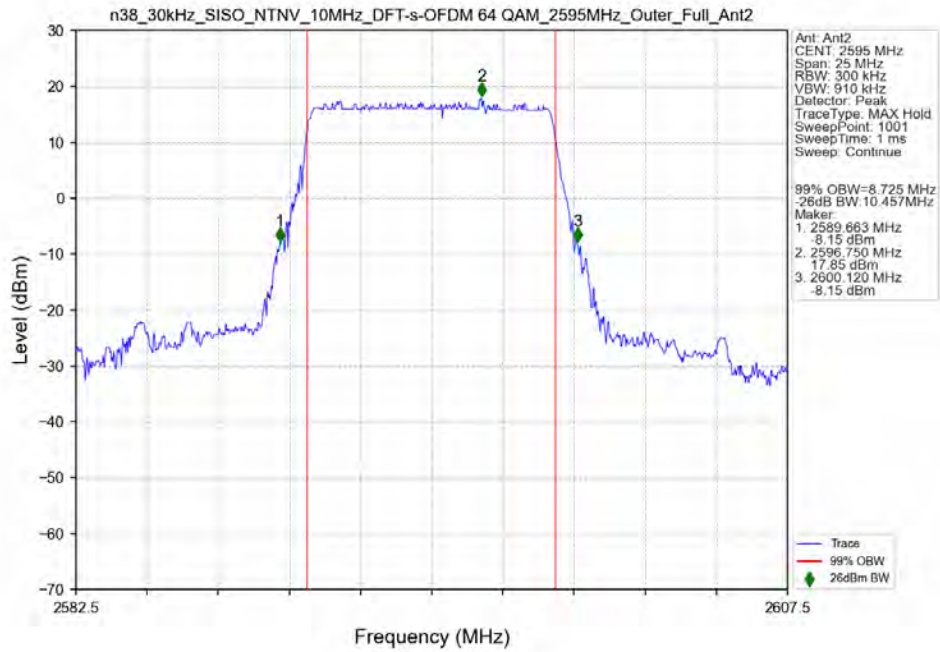
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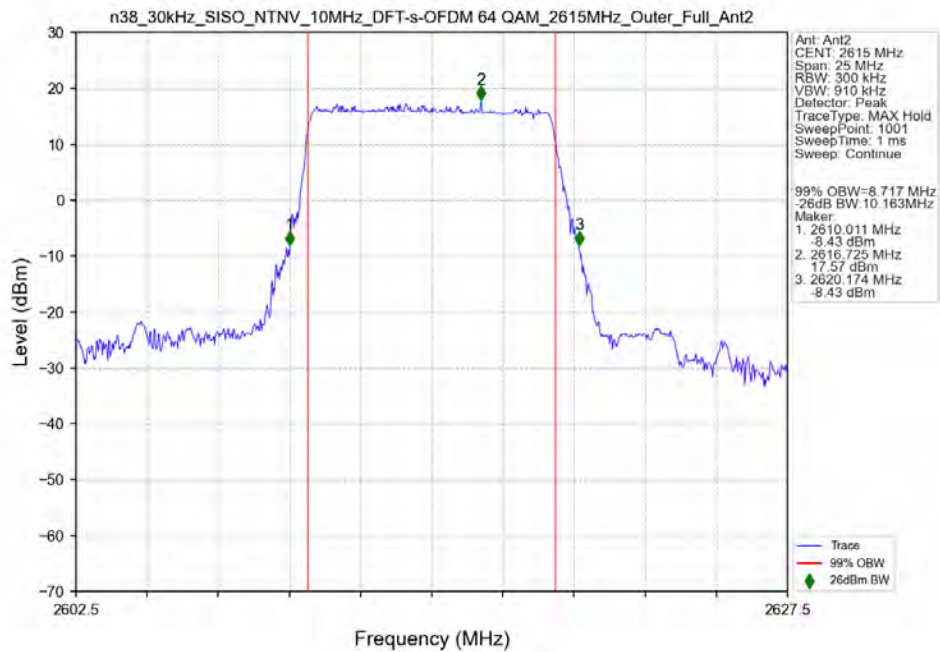
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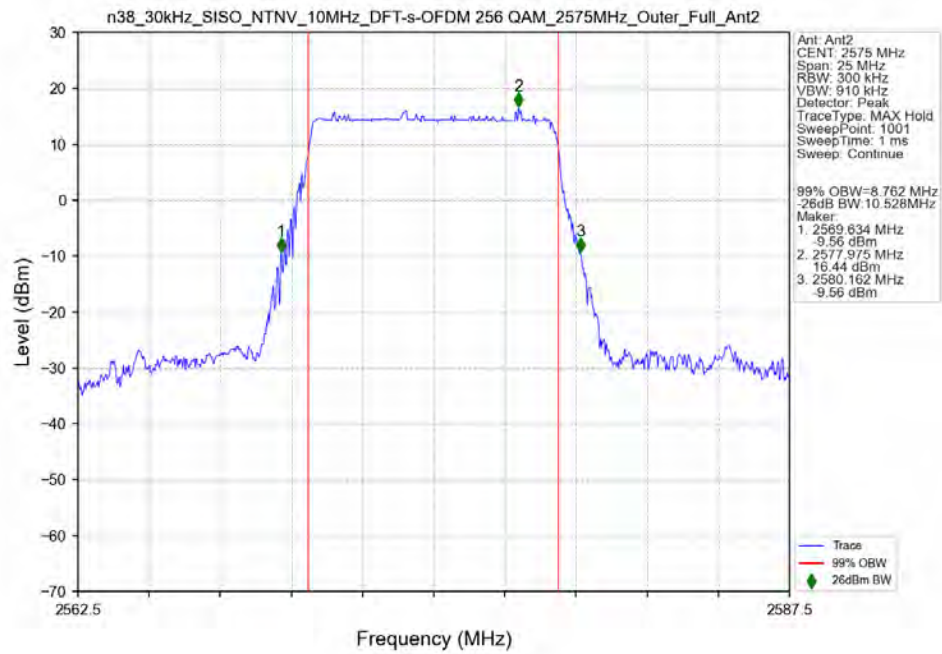
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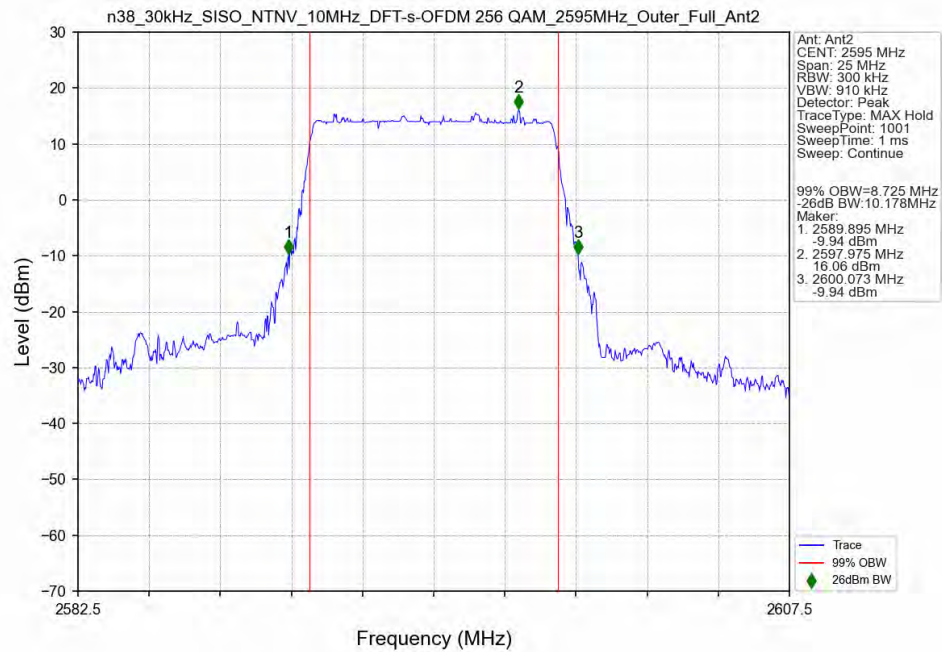
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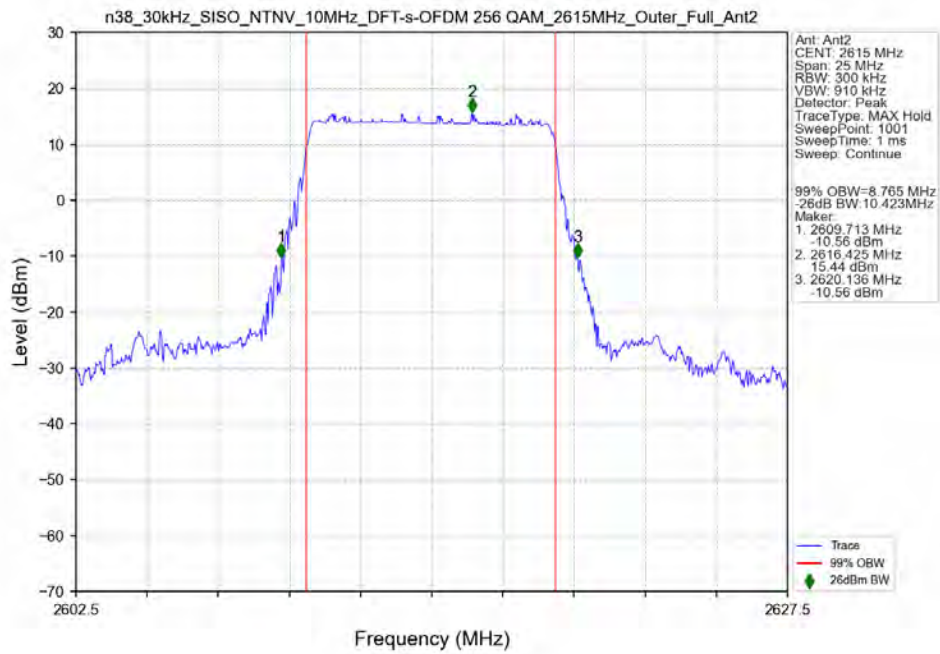
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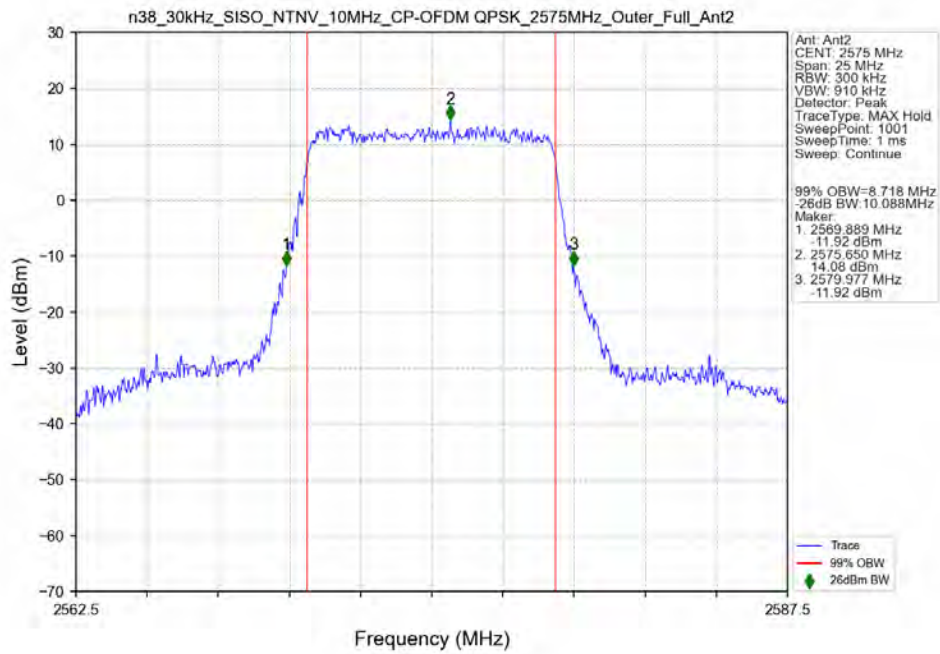
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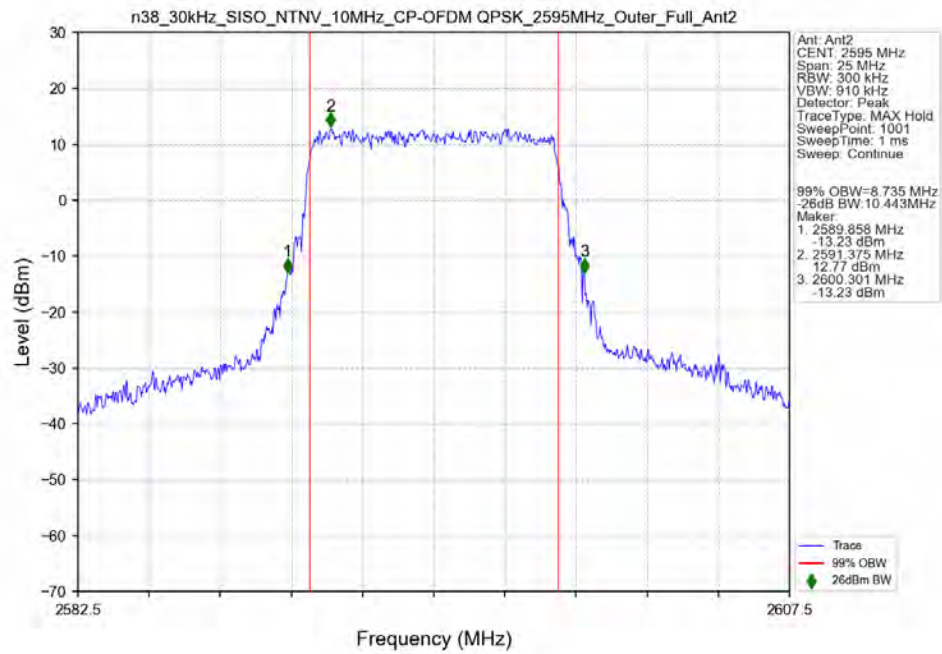
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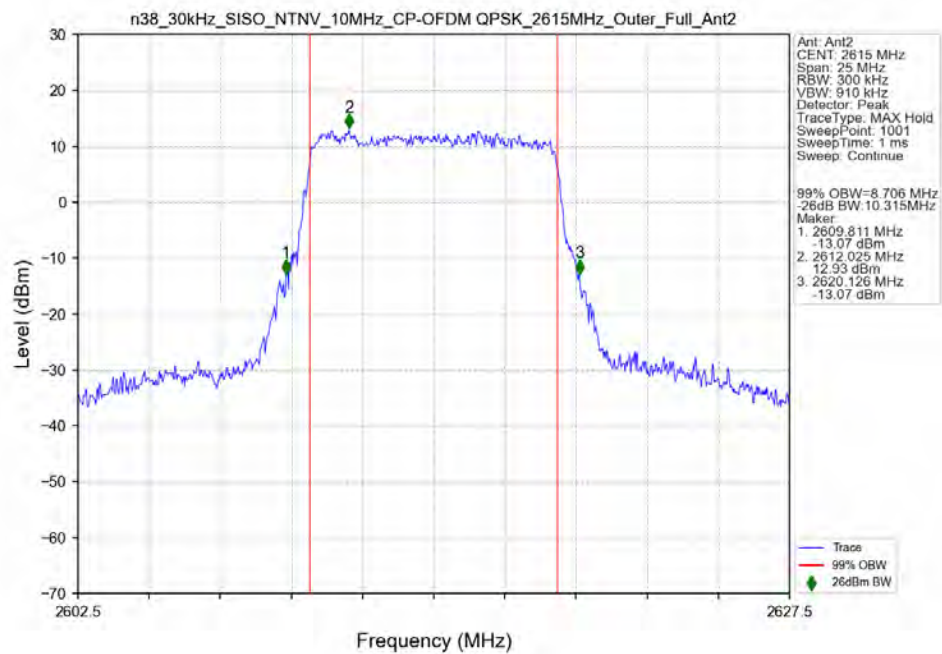
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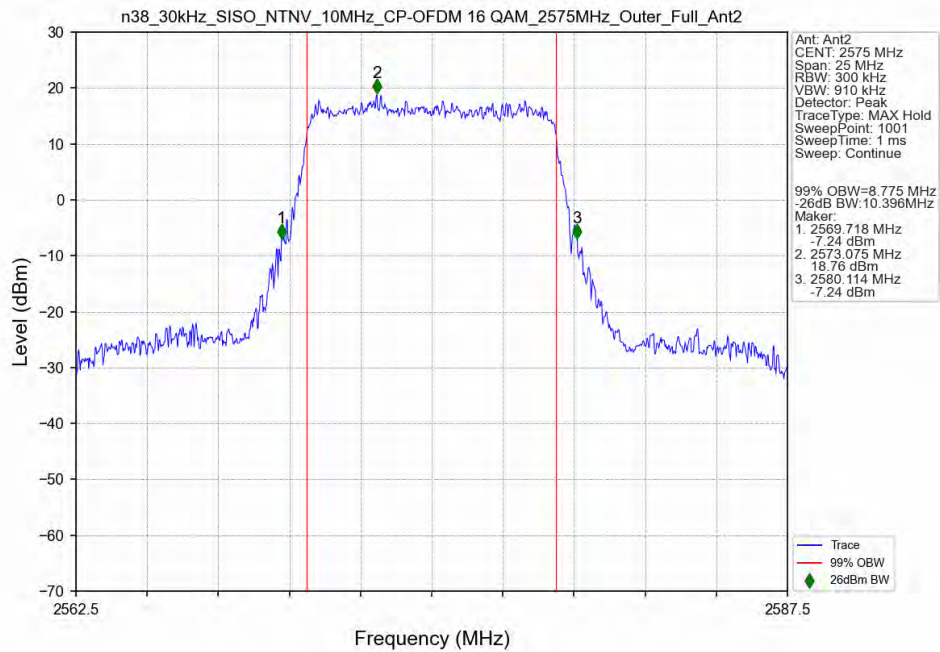
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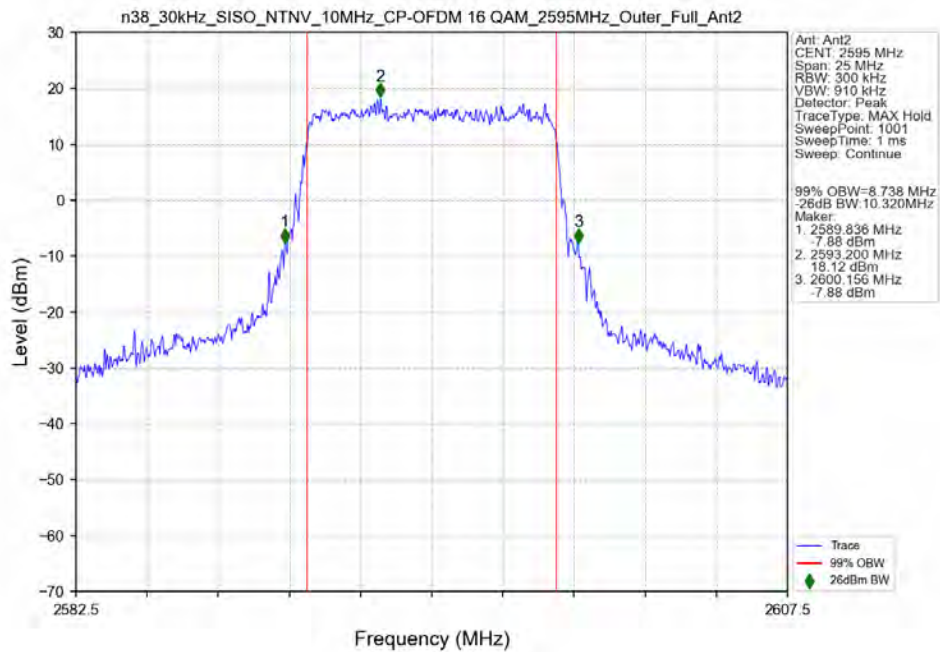
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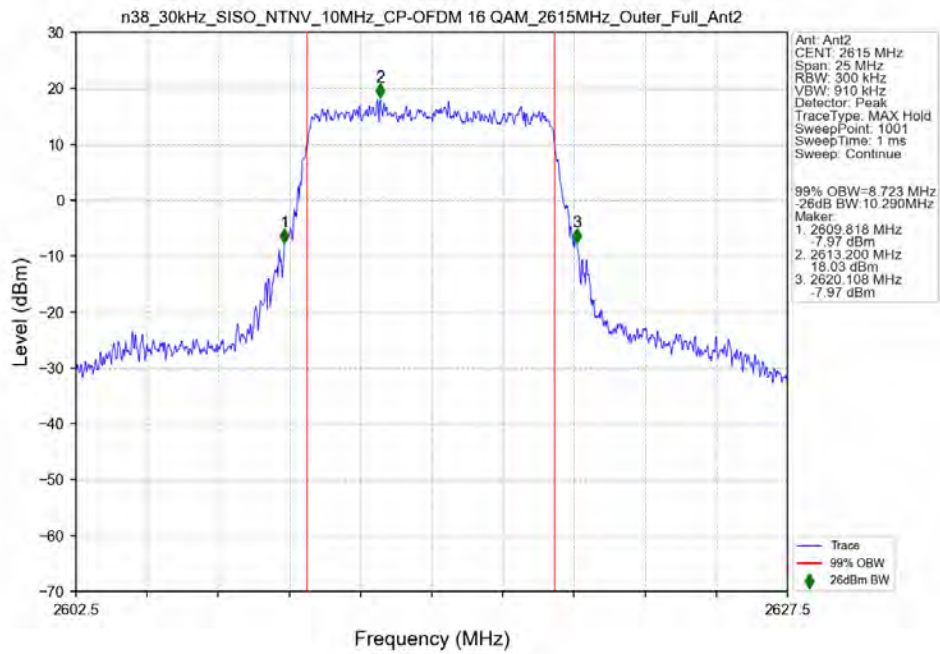
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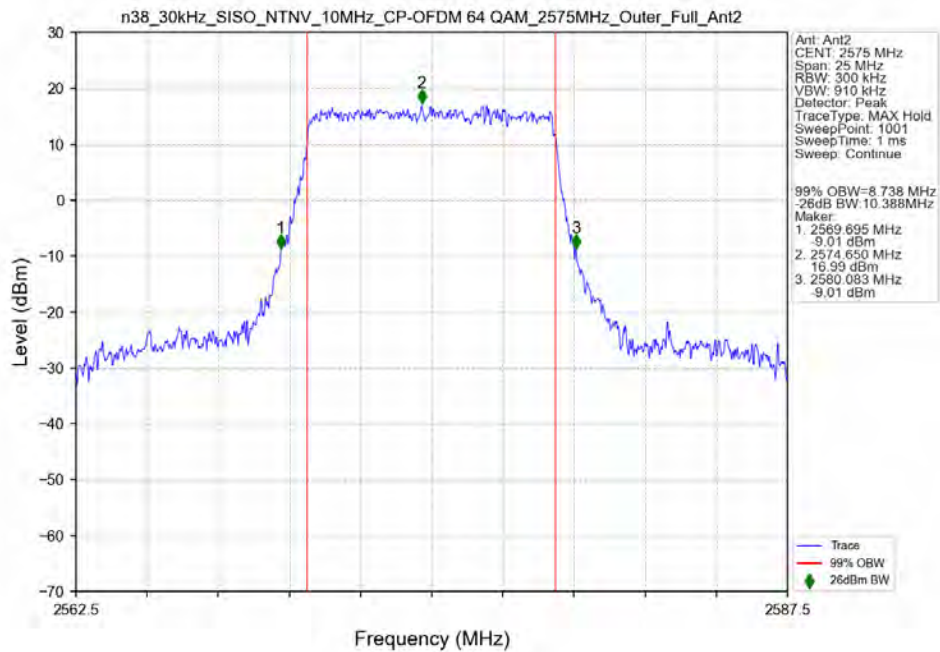
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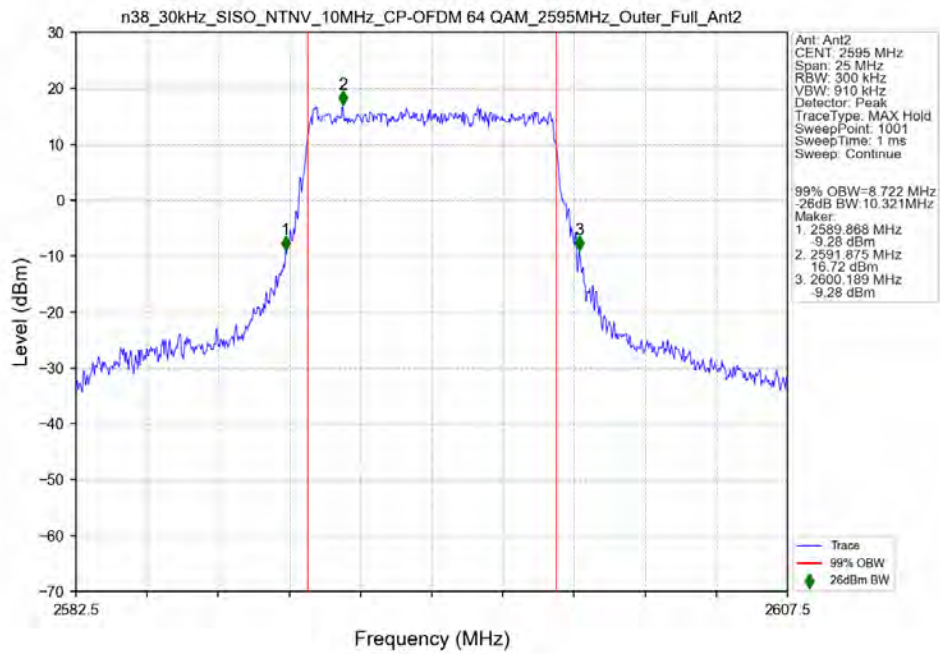
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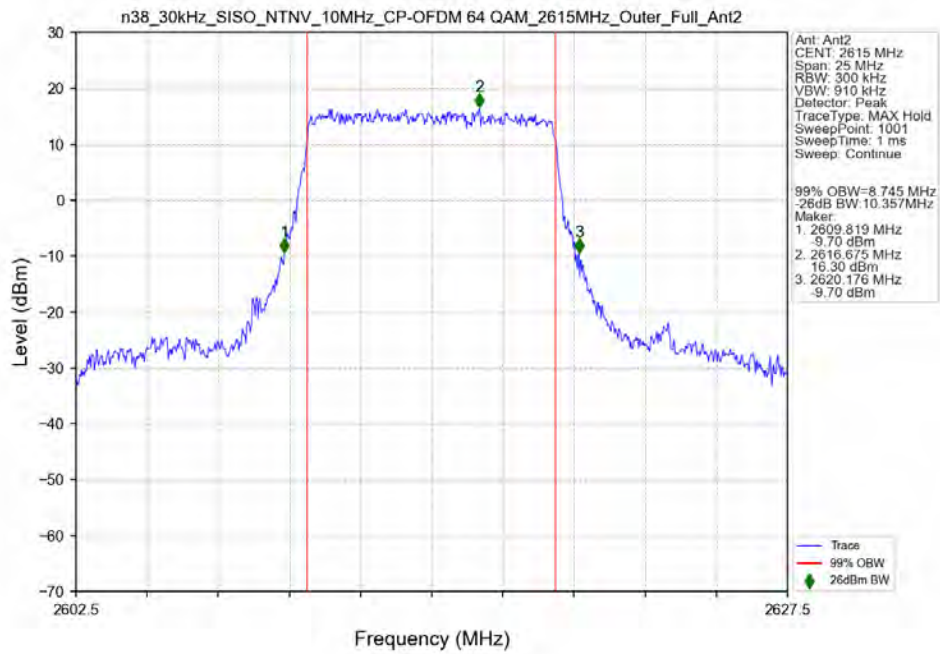
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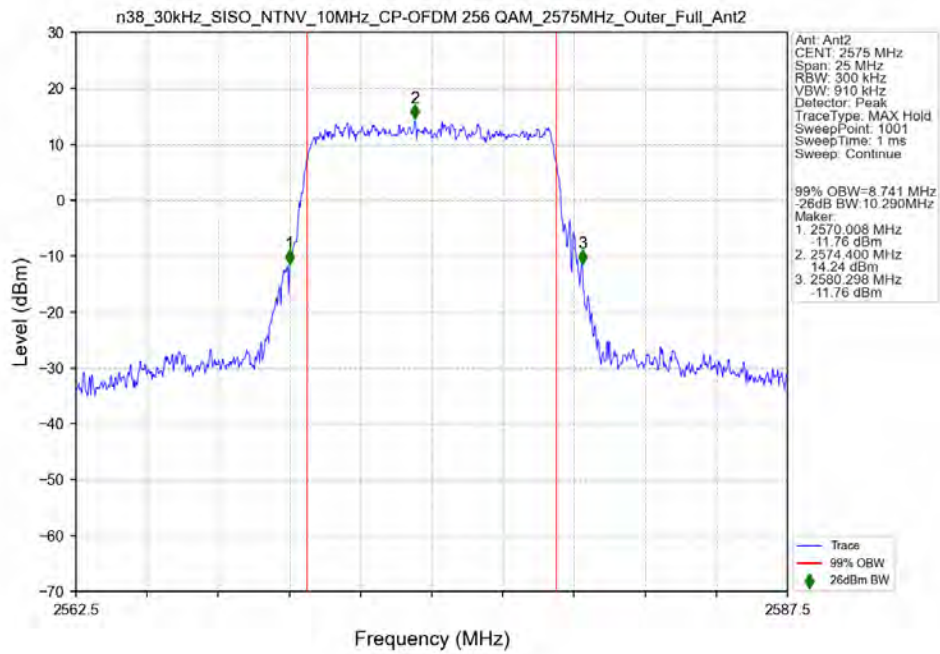
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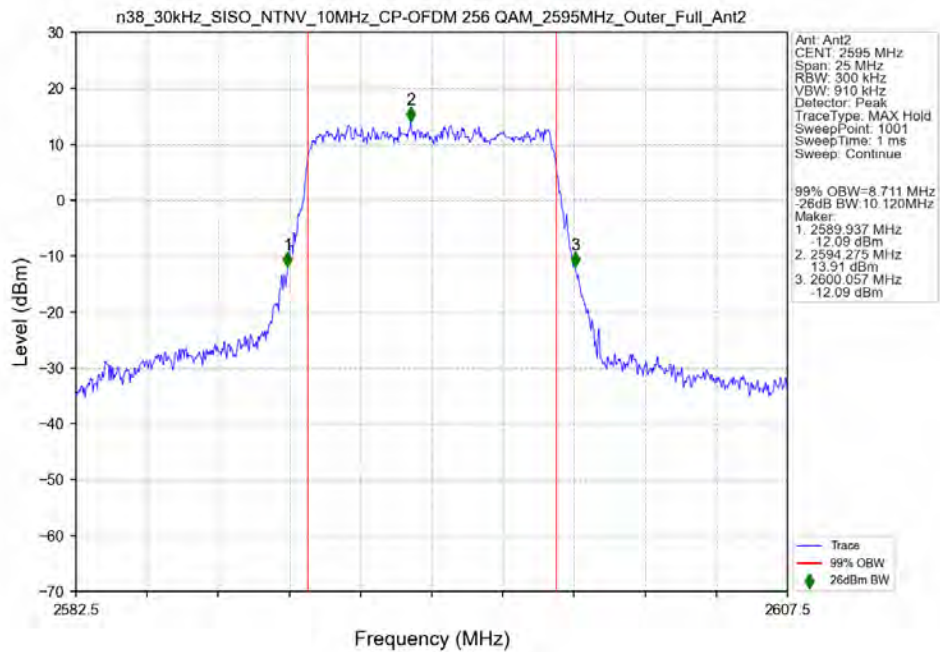
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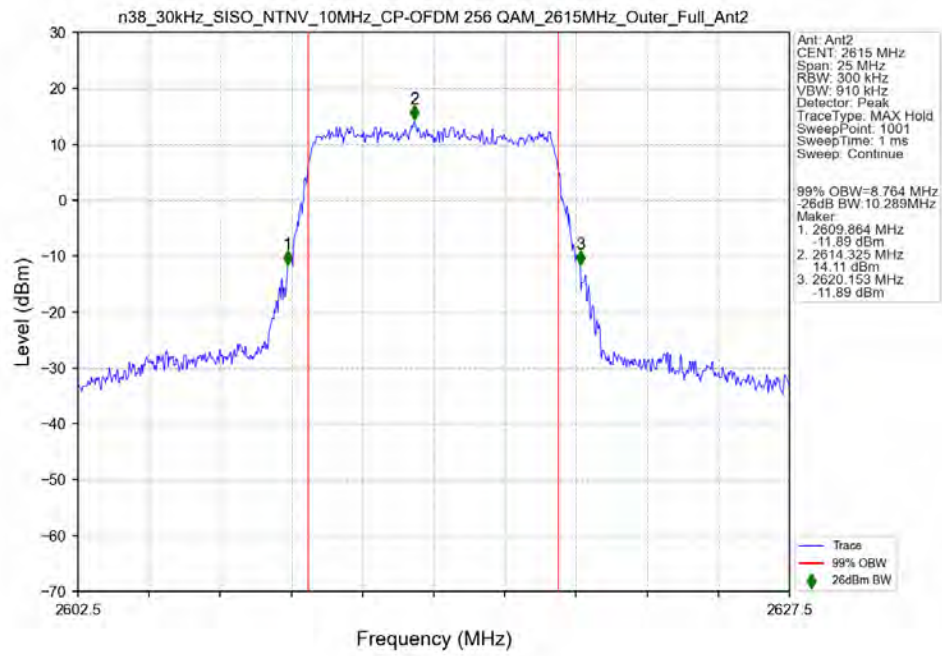
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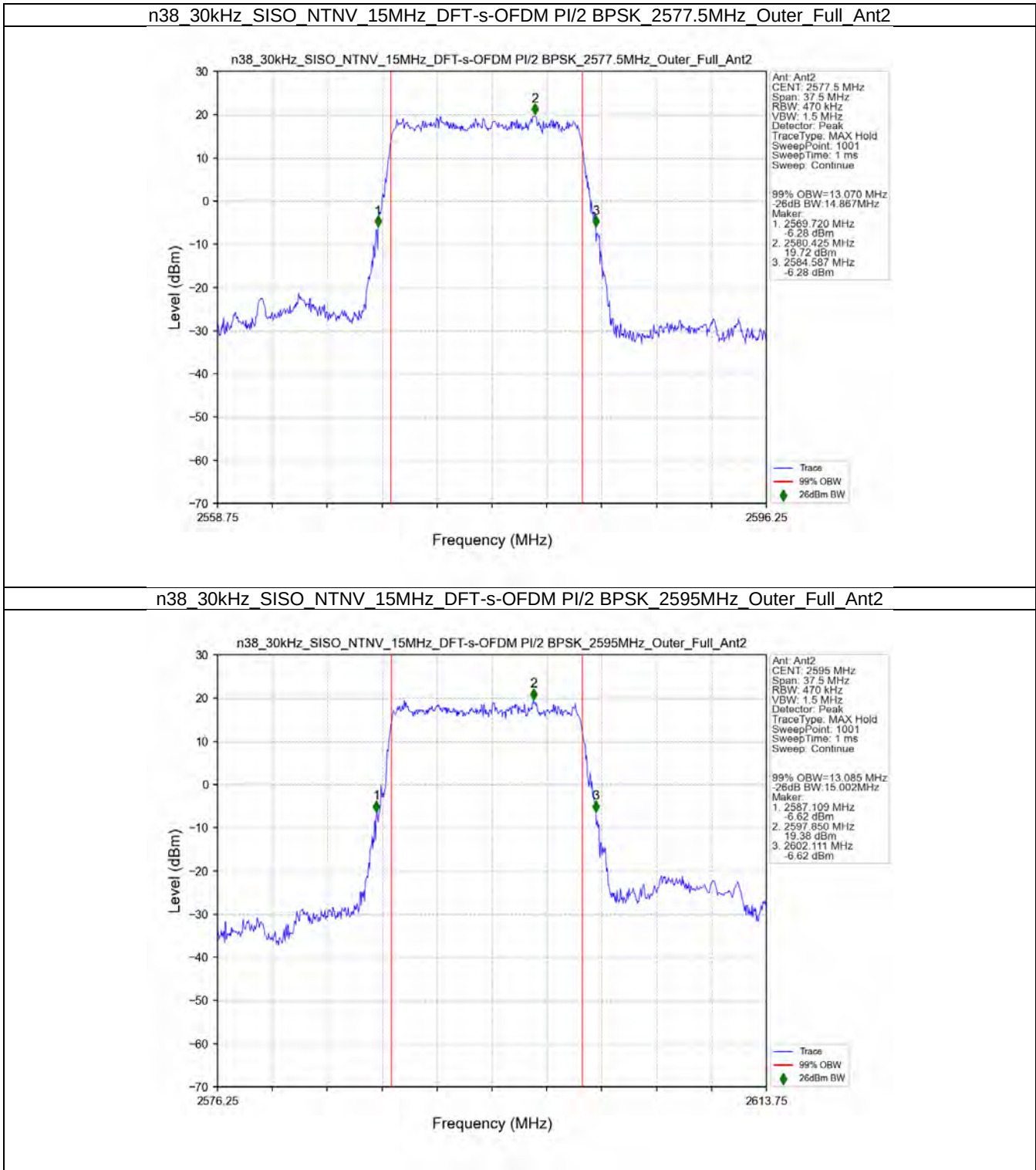
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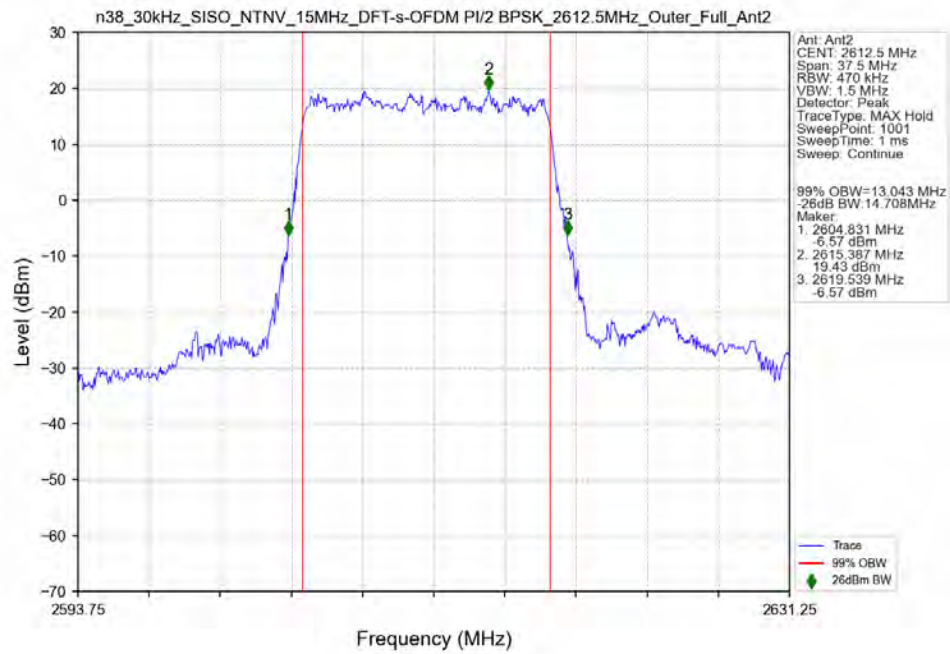
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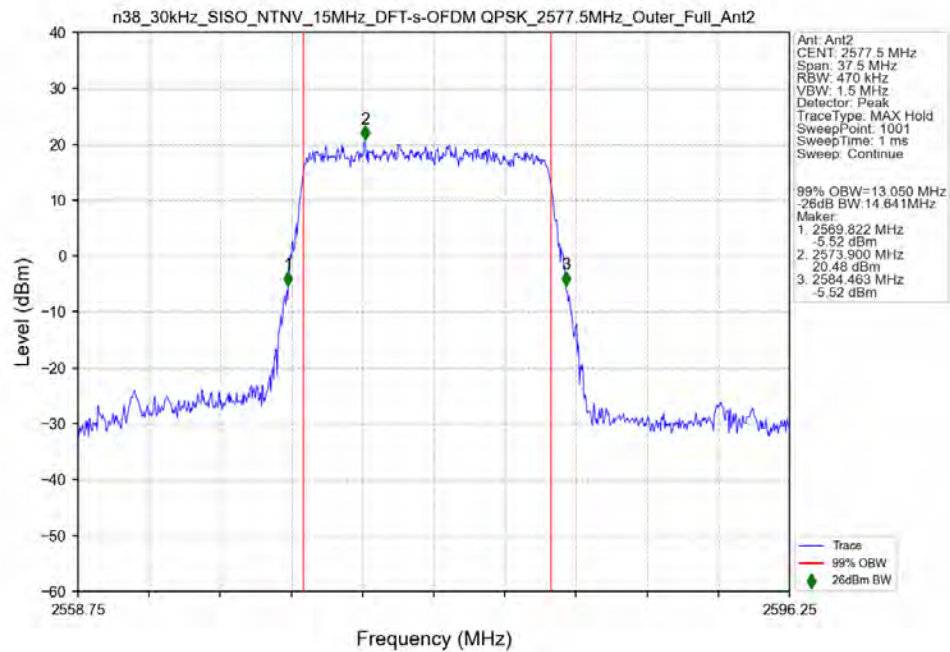
3.2.2 30k_SISO_15MHz_NTNV



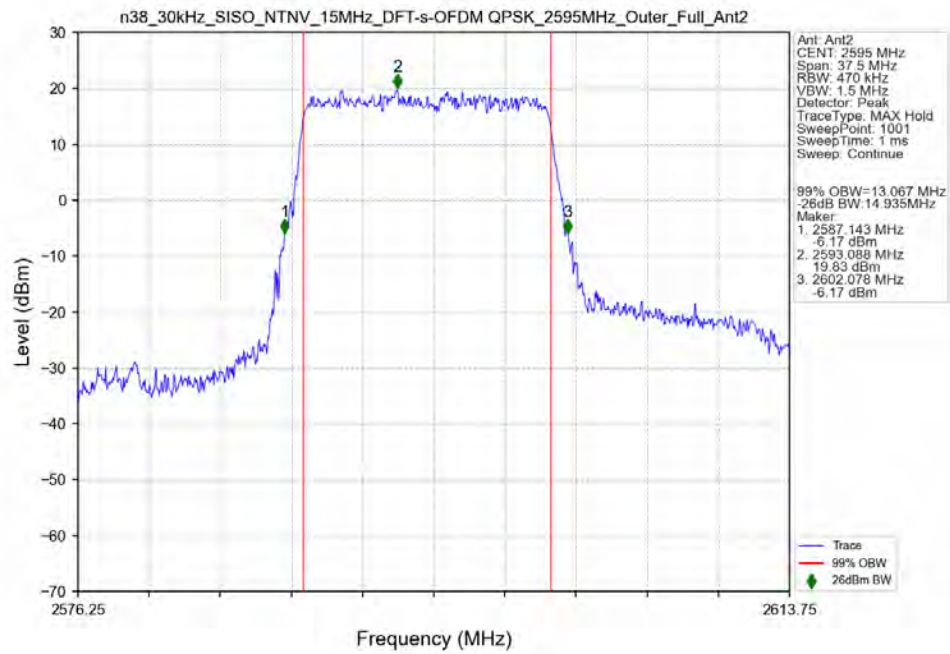
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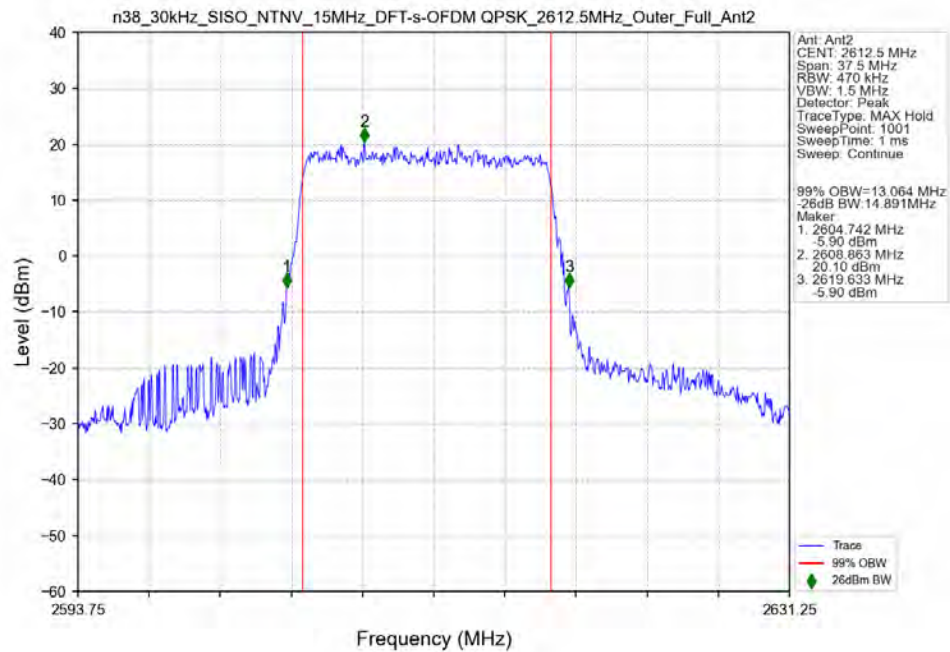
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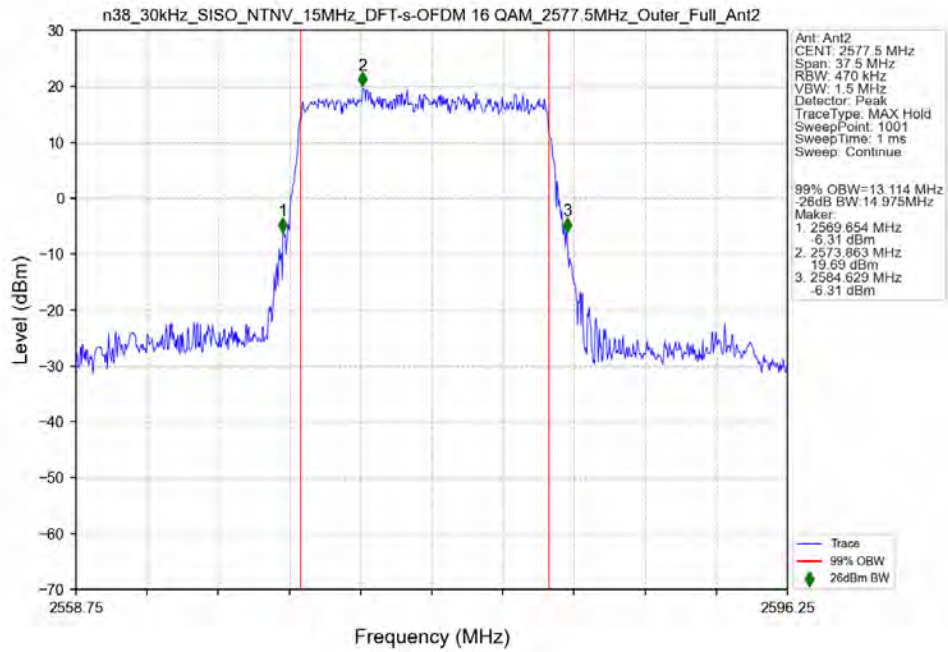
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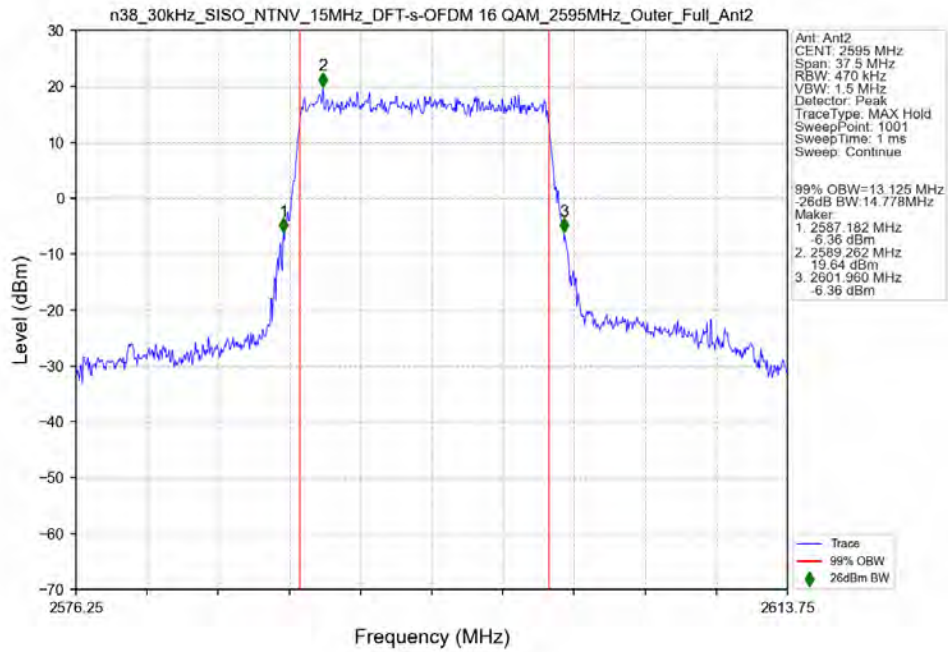
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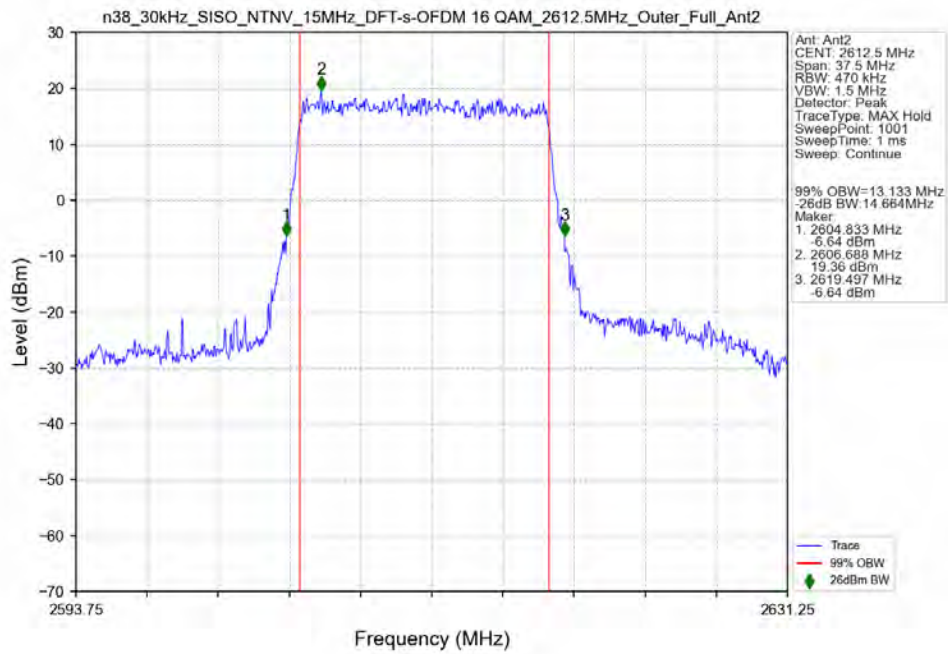
n38 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 2577.5MHz Outer Full Ant2



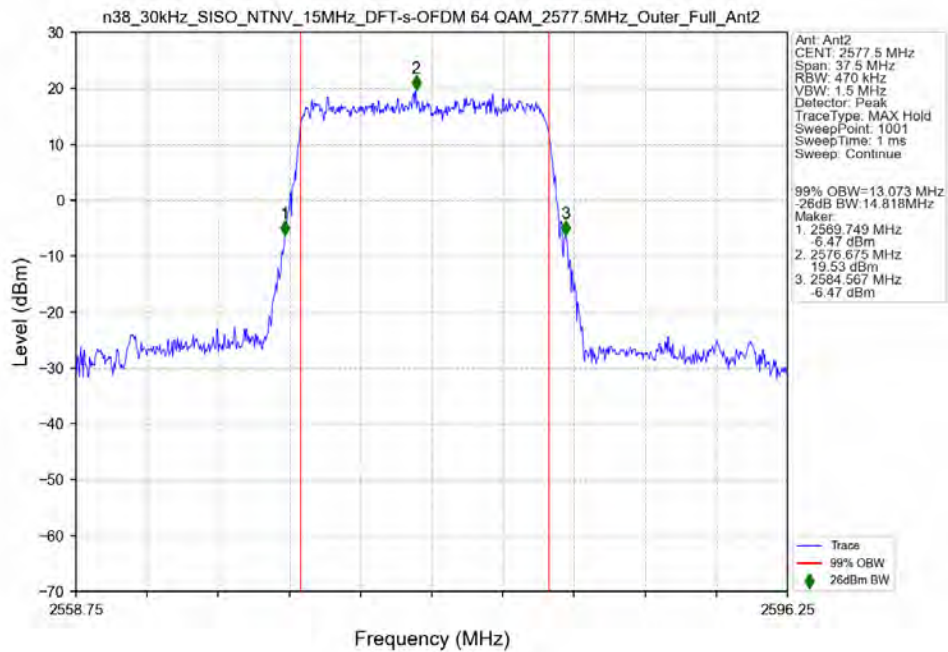
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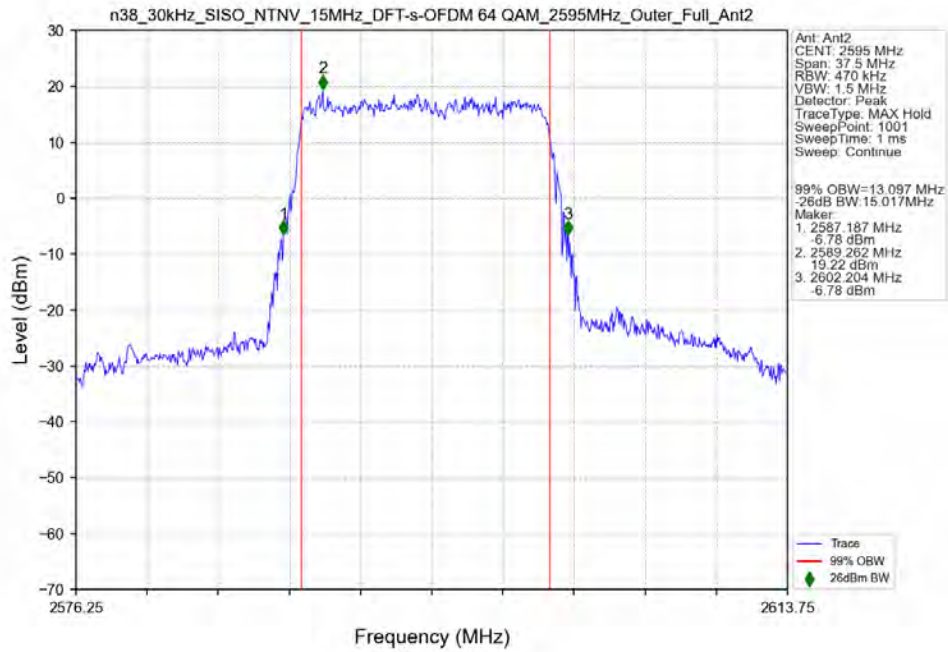
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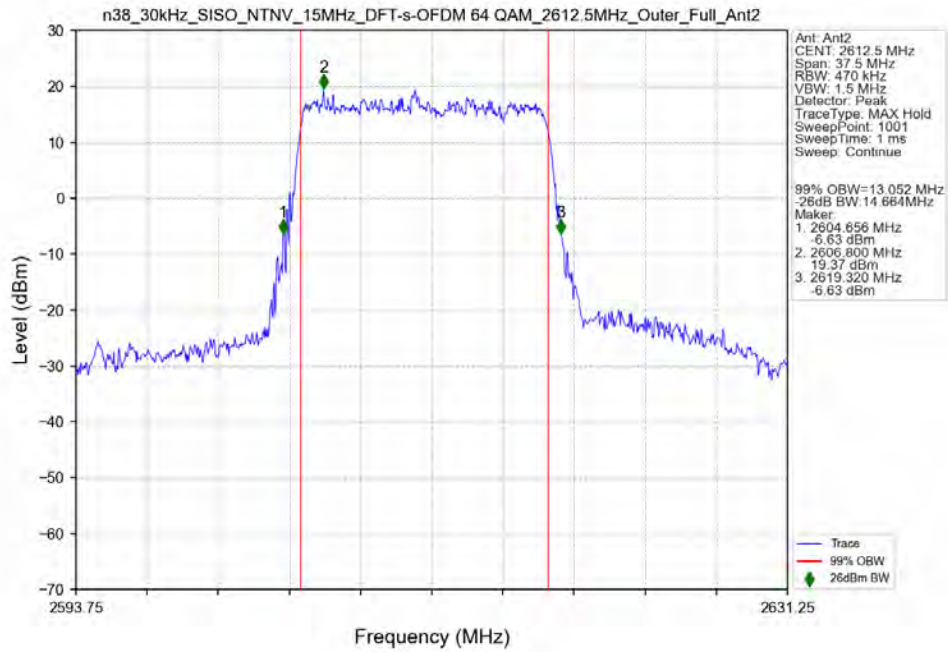
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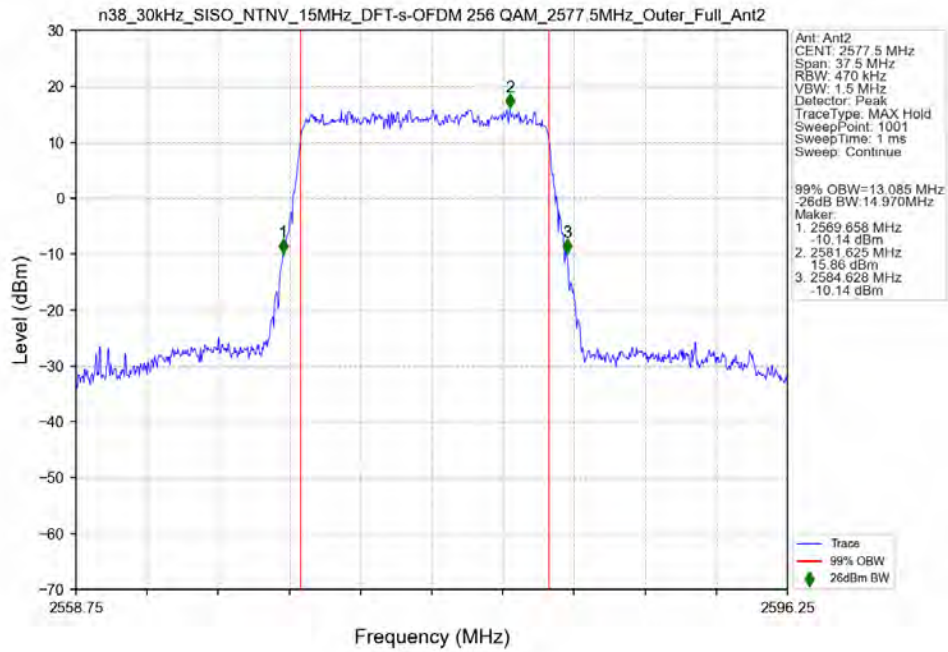
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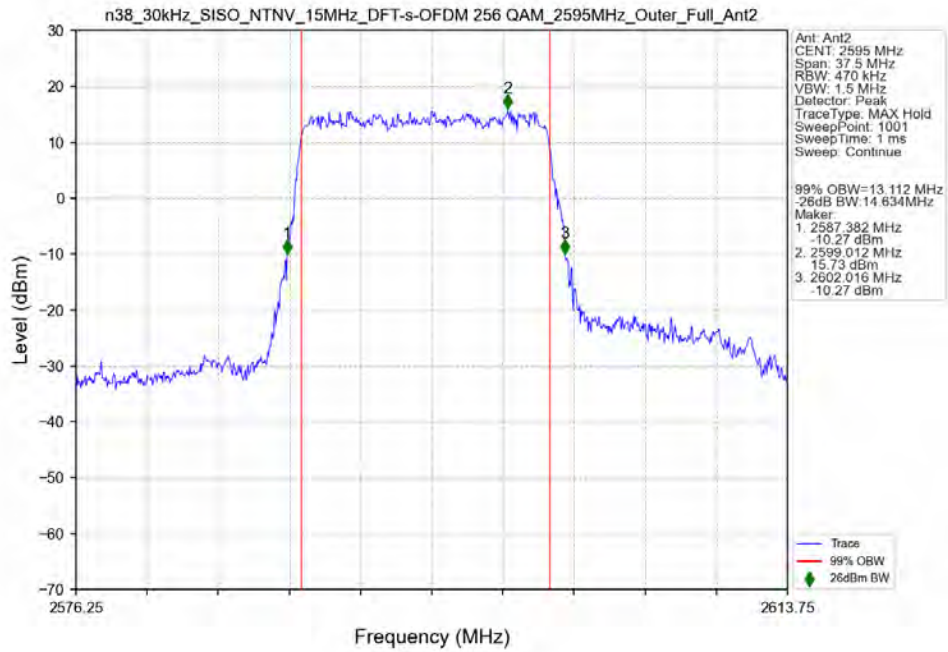
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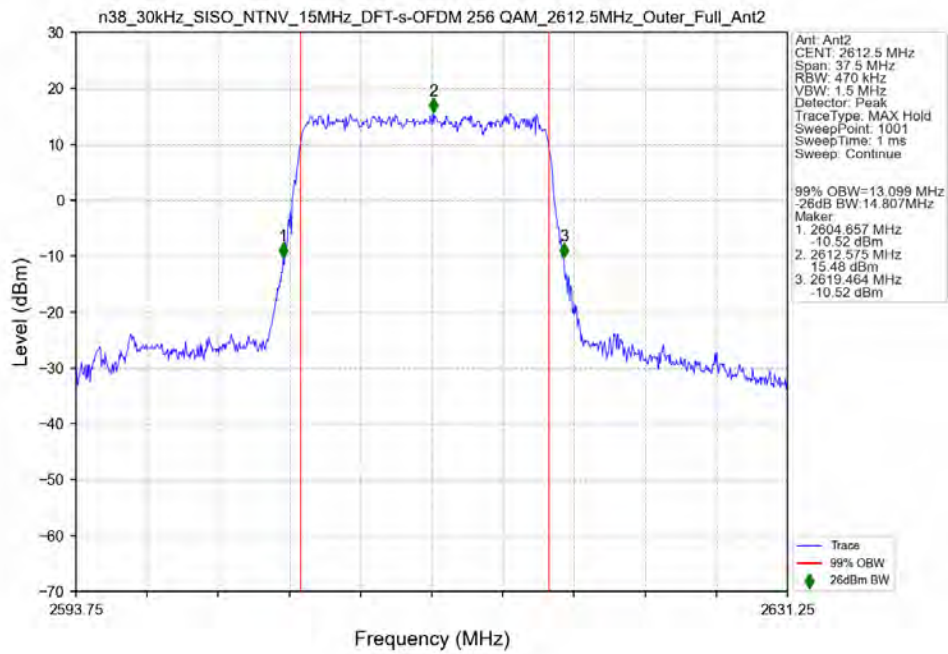
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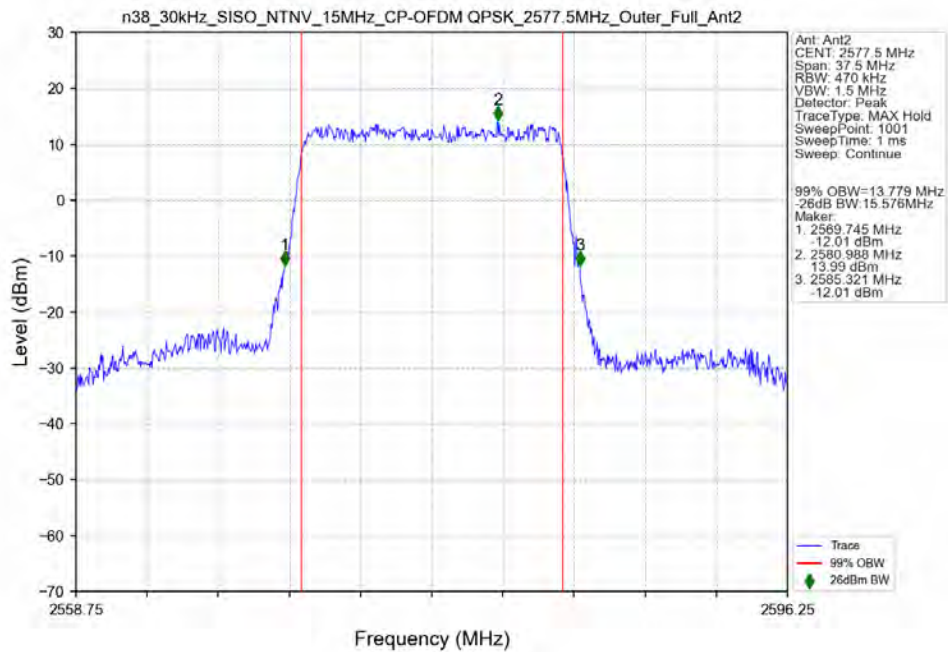
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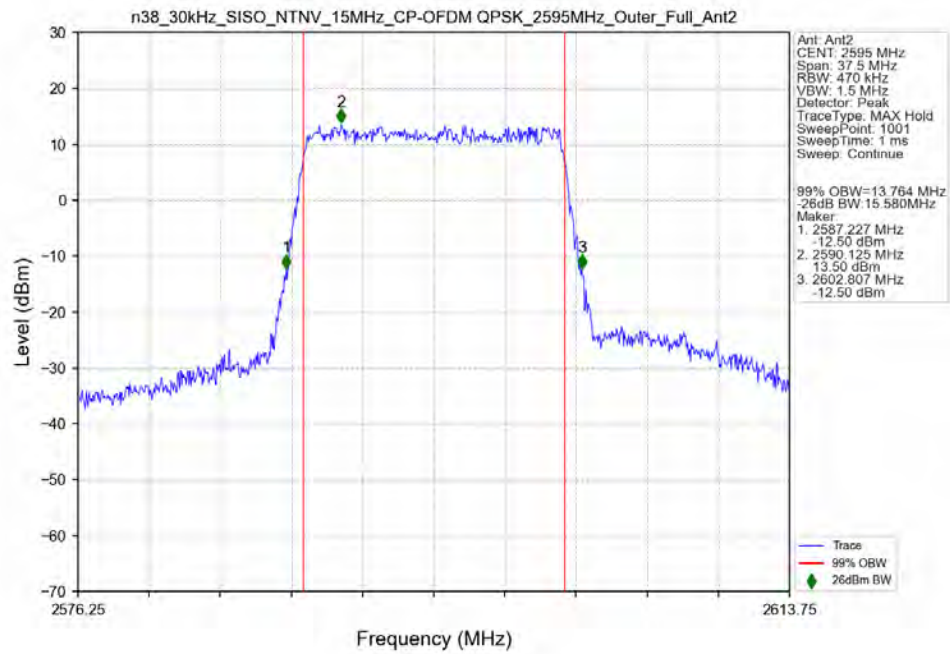
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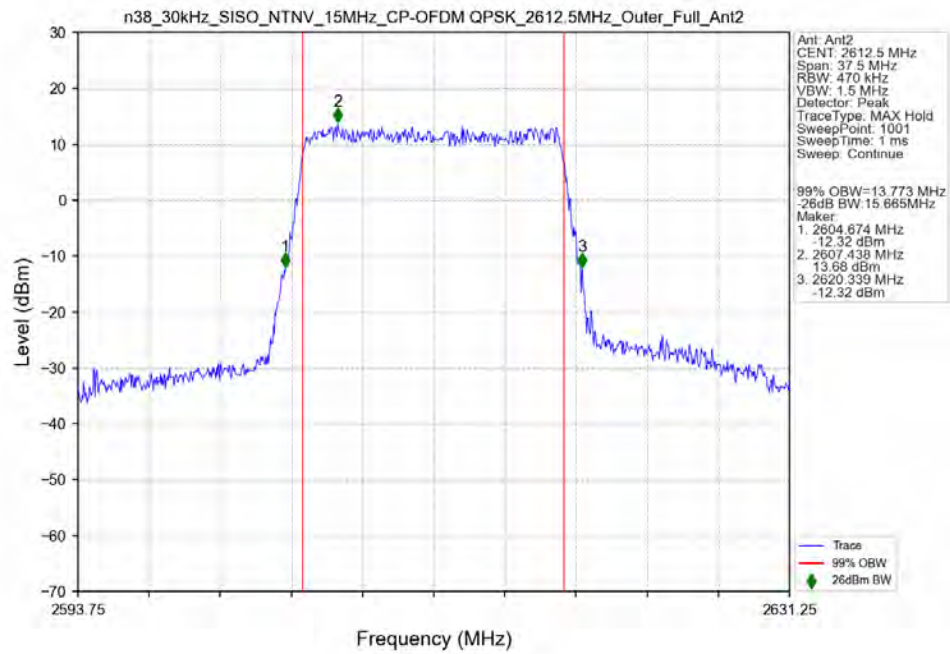
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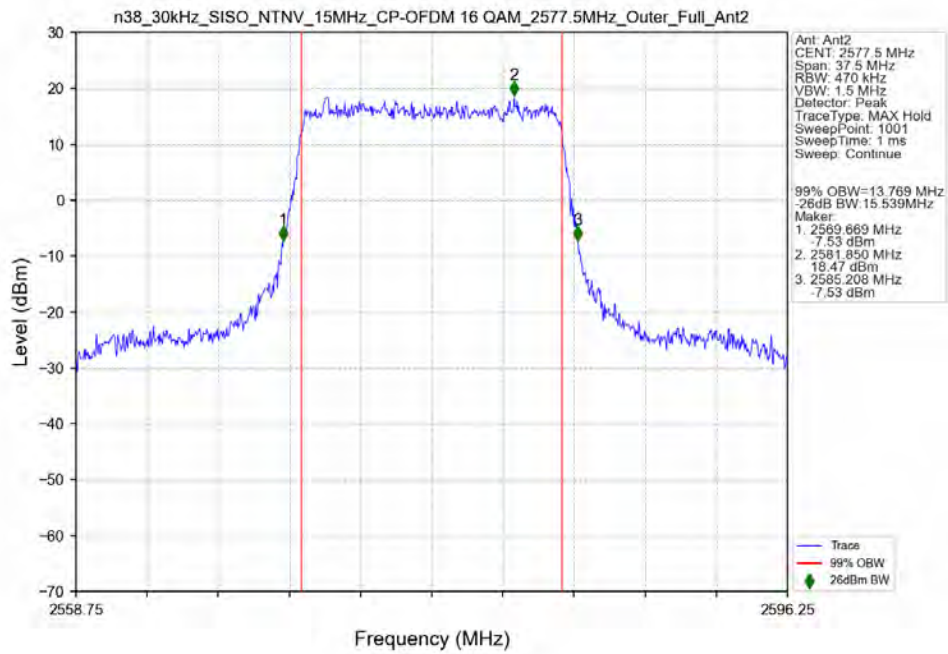
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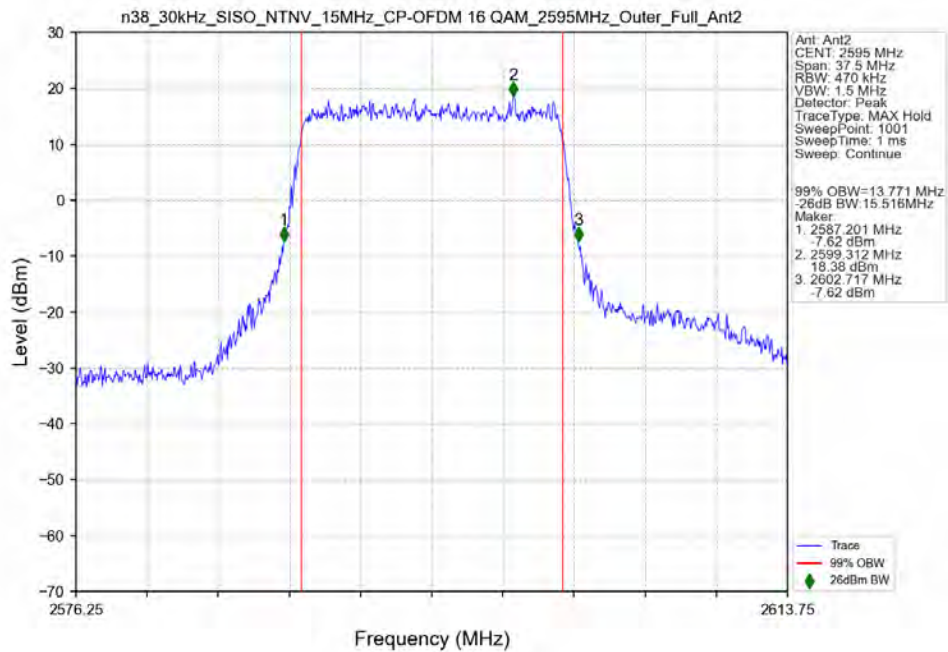
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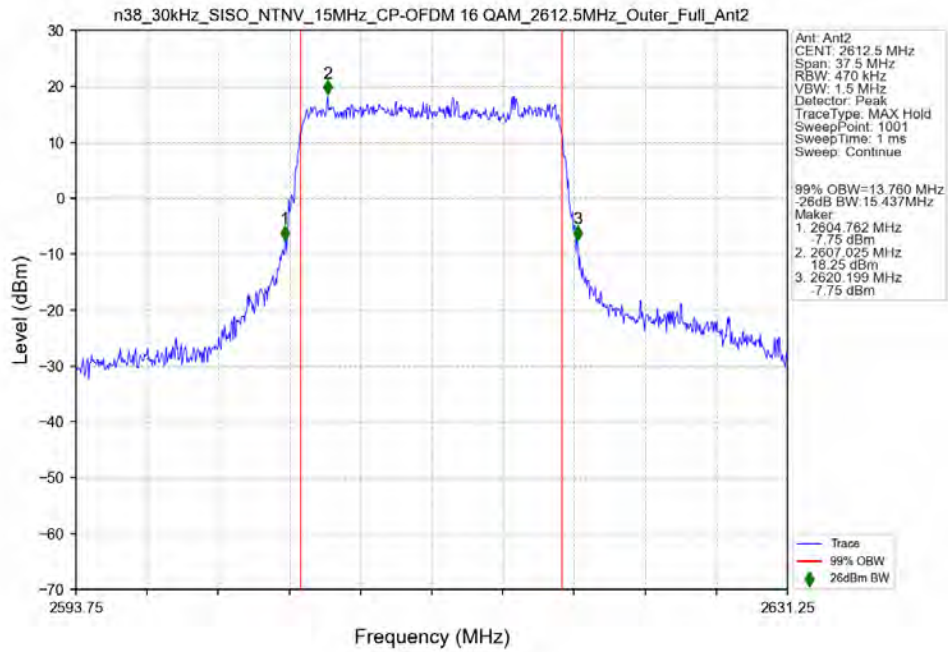
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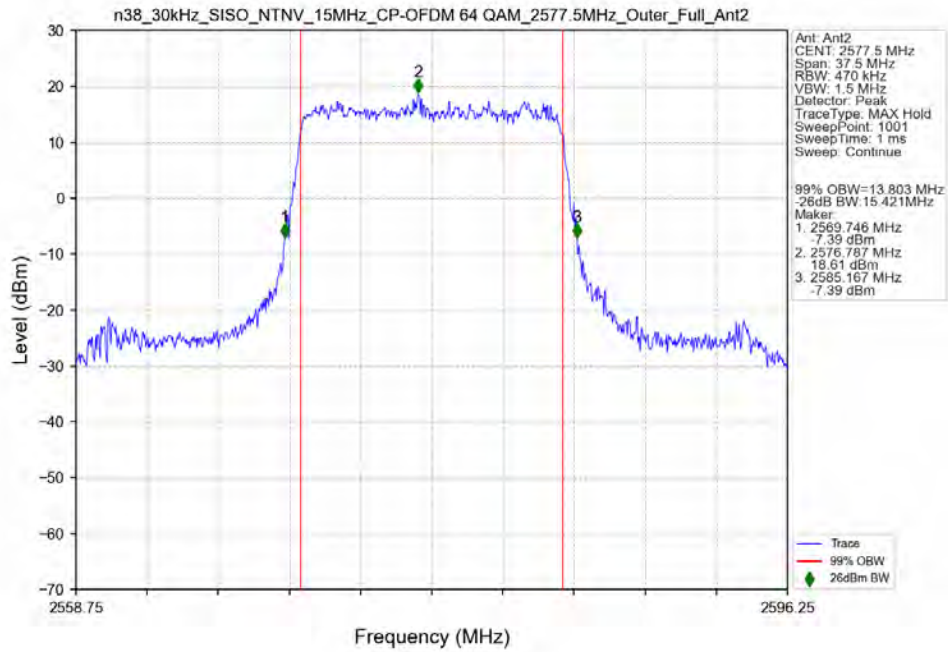
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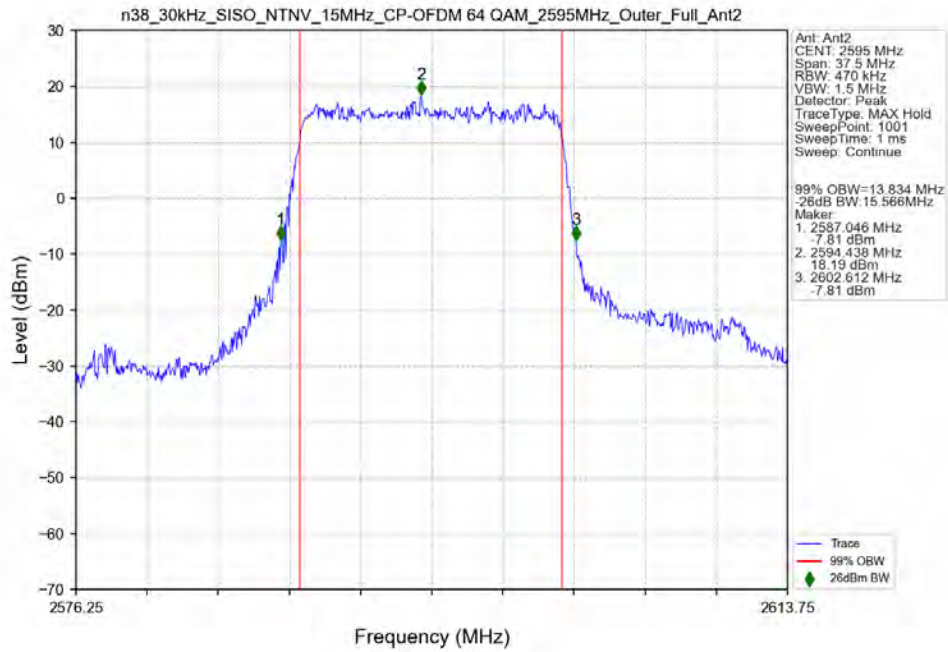
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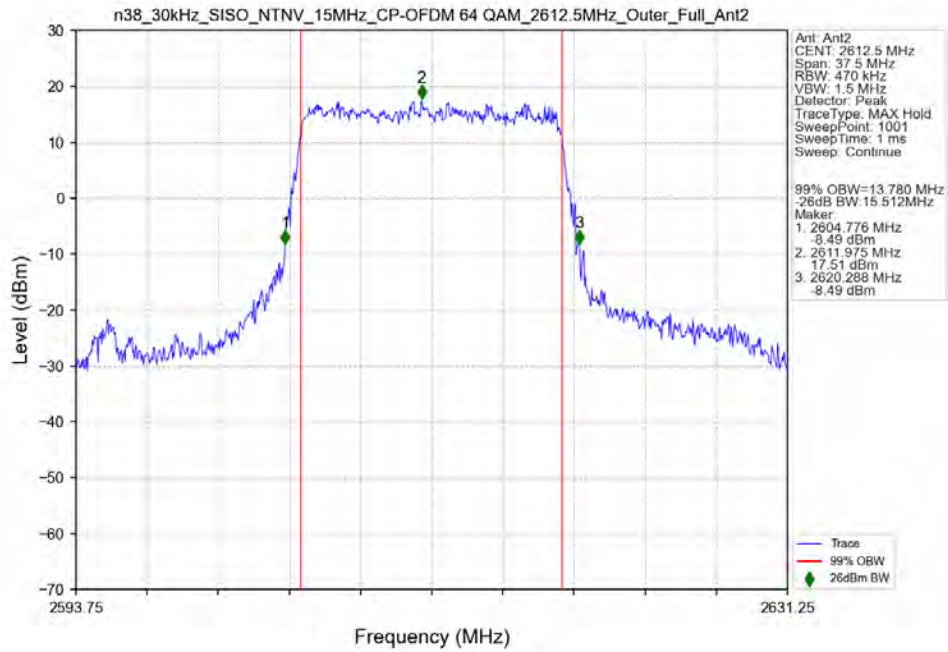
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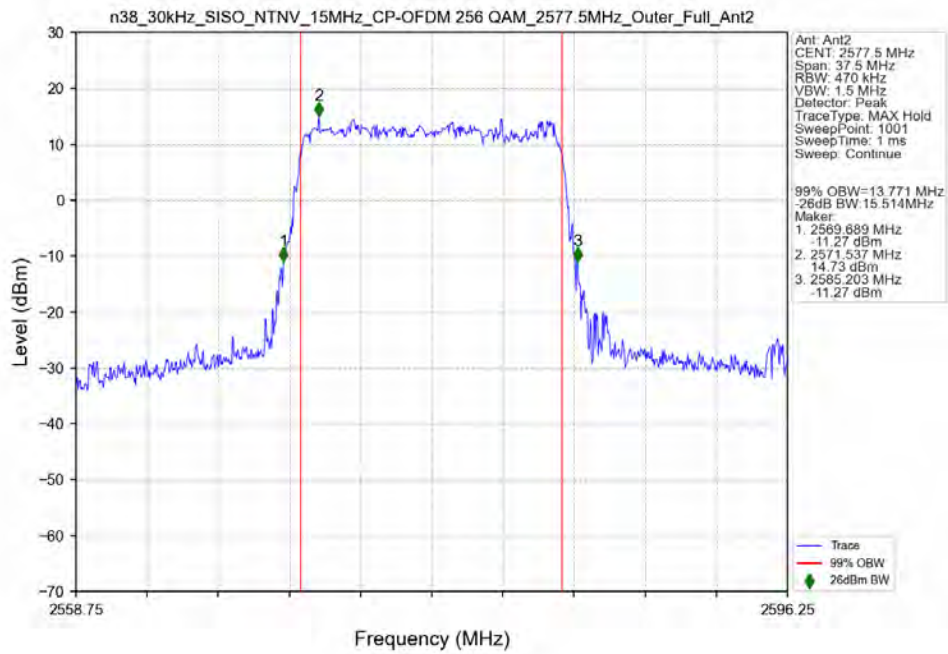
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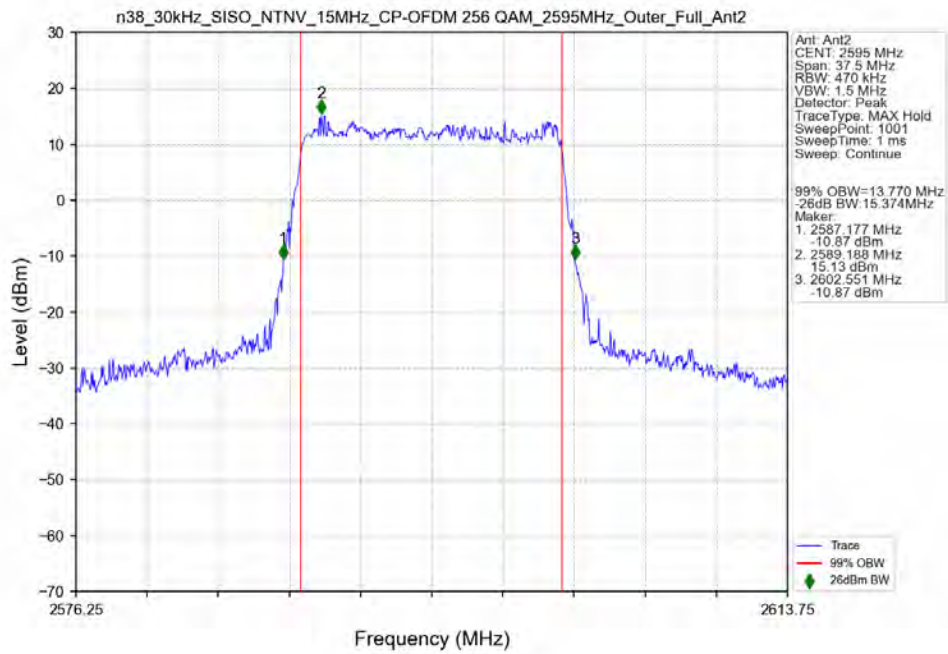
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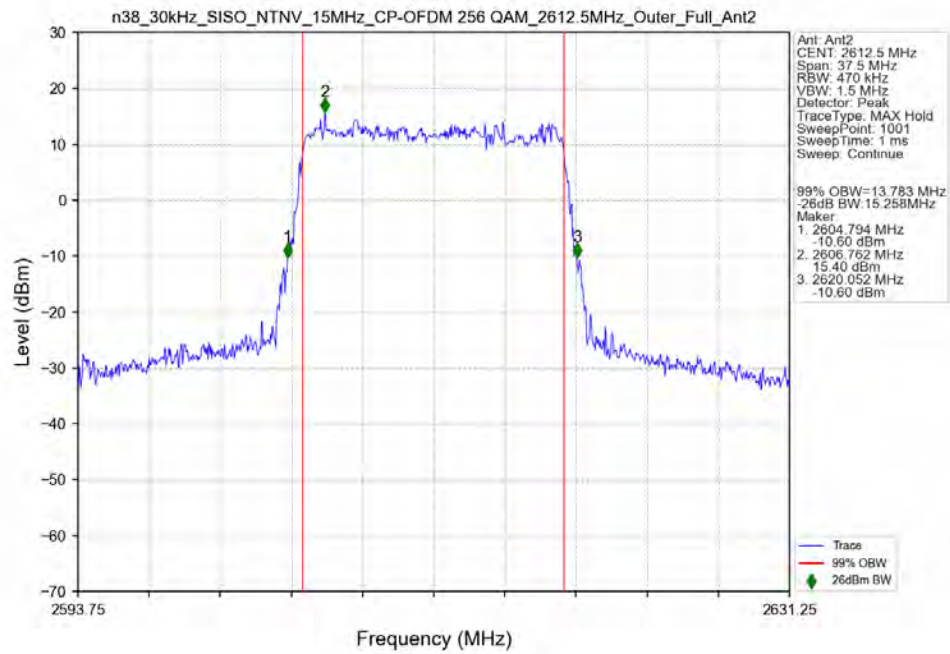
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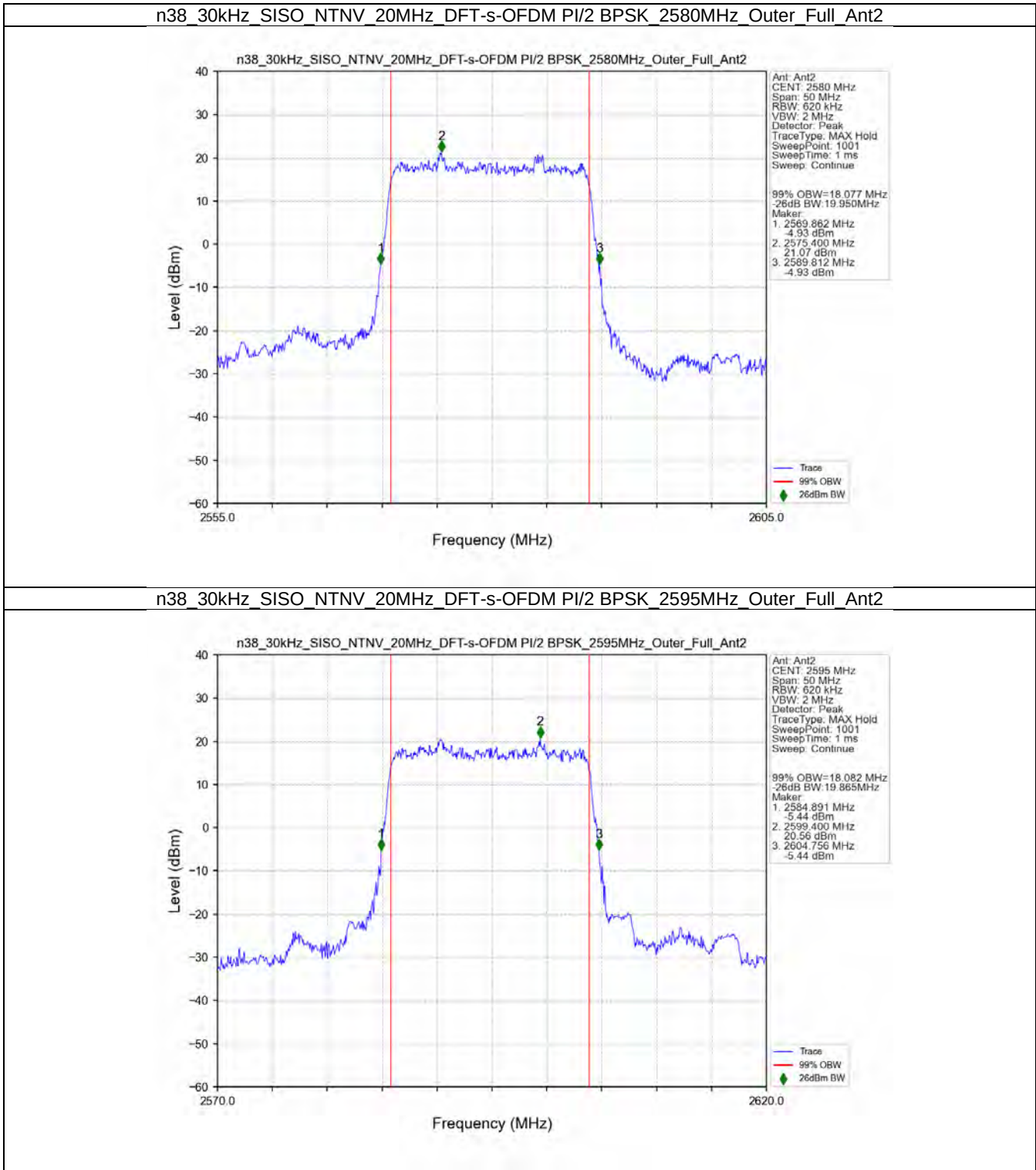
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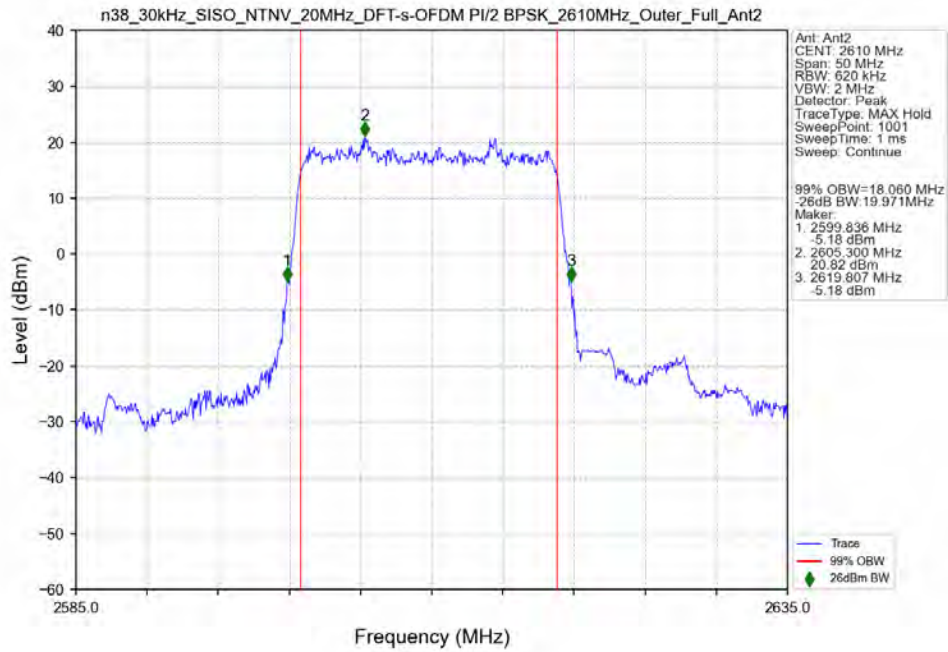
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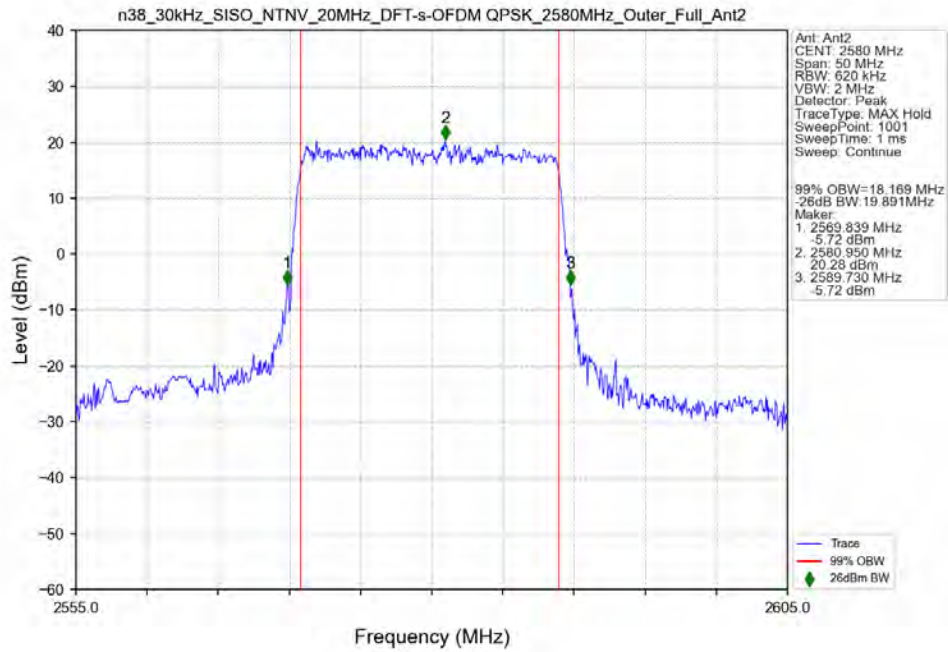
3.2.3 30k_SISO_20MHz_NTNV



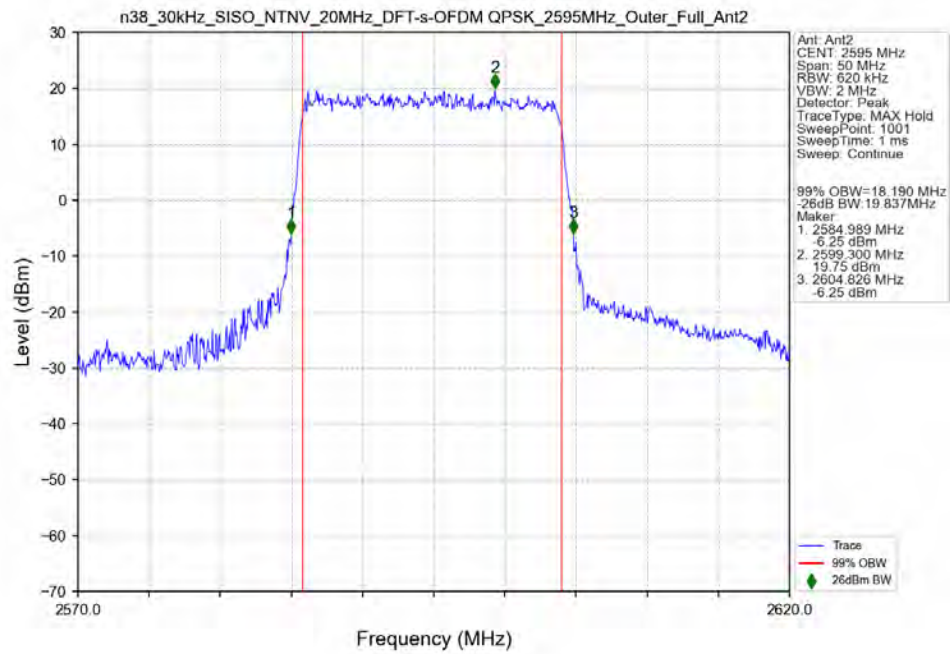
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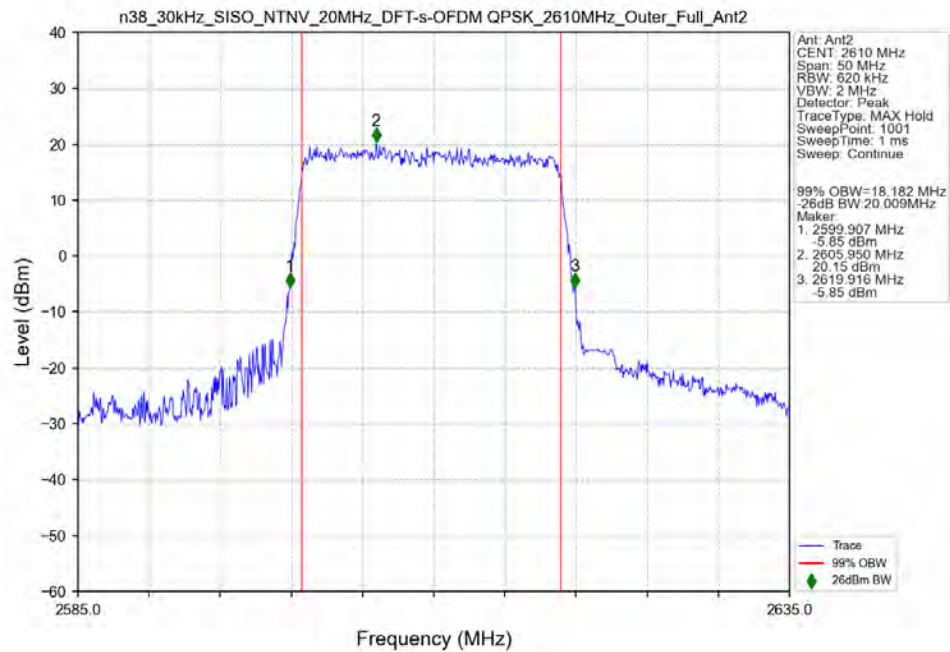
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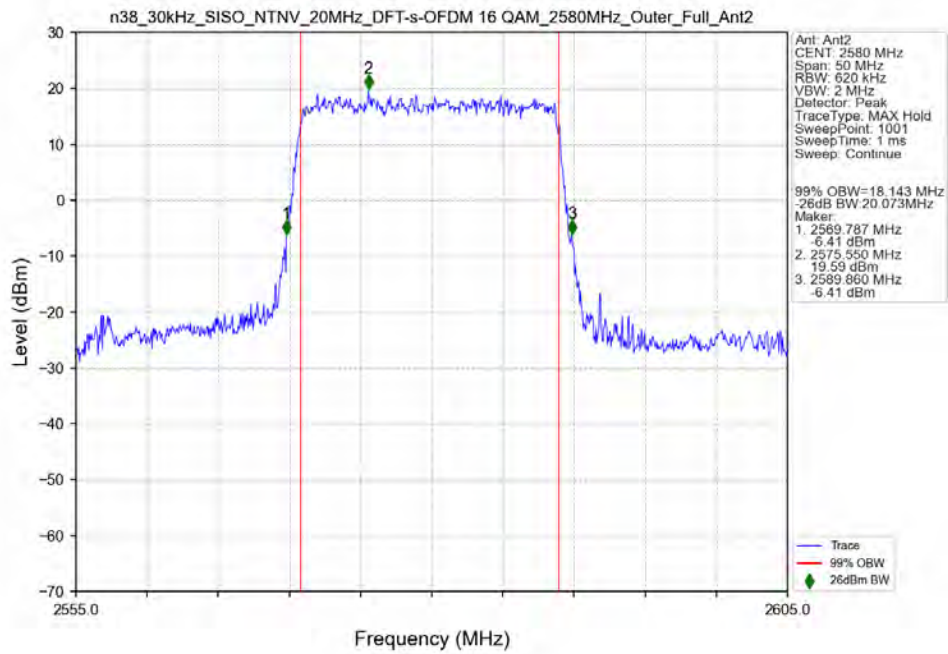
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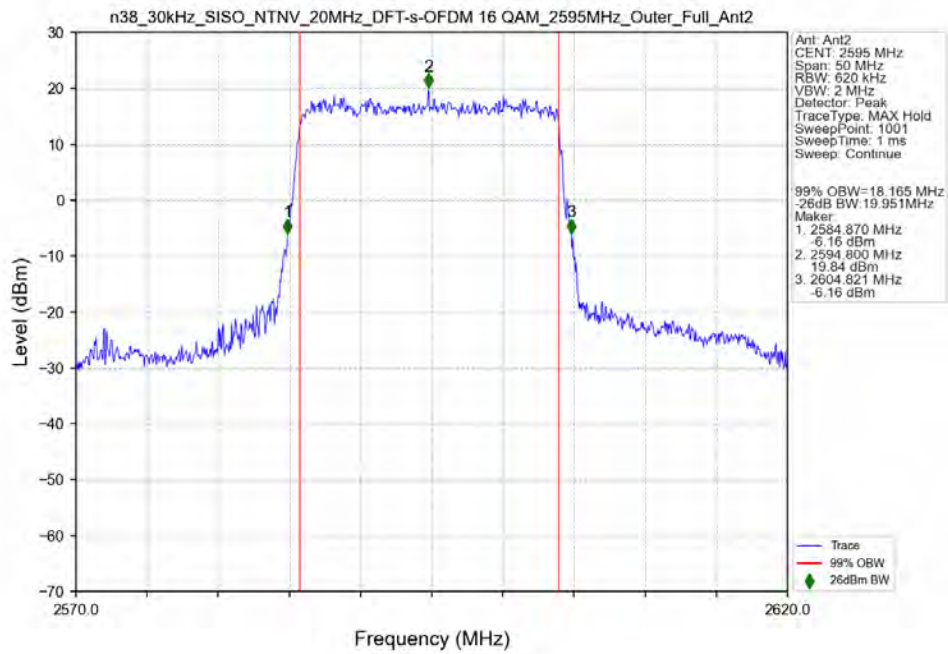
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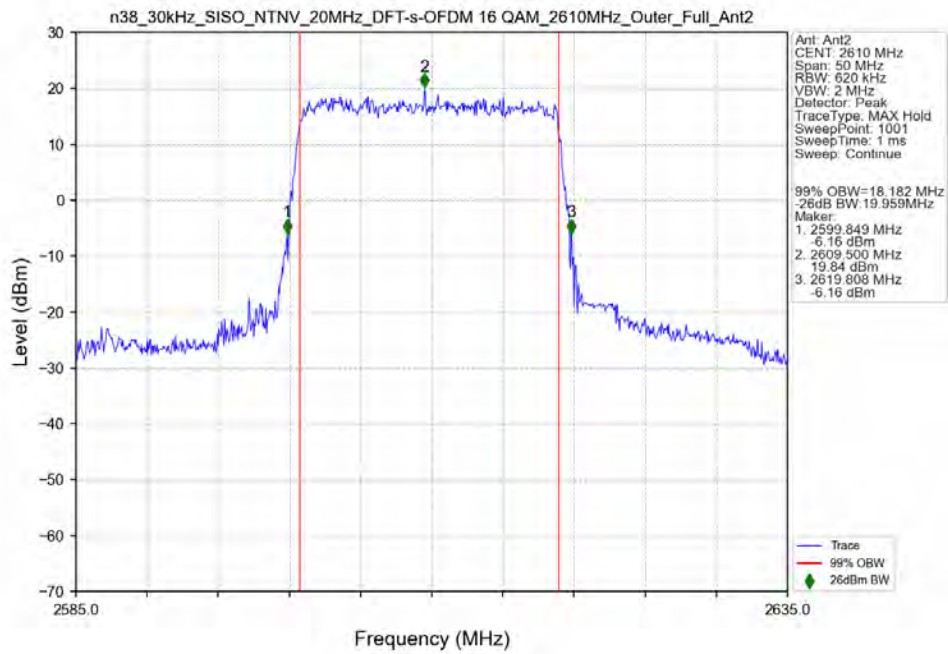
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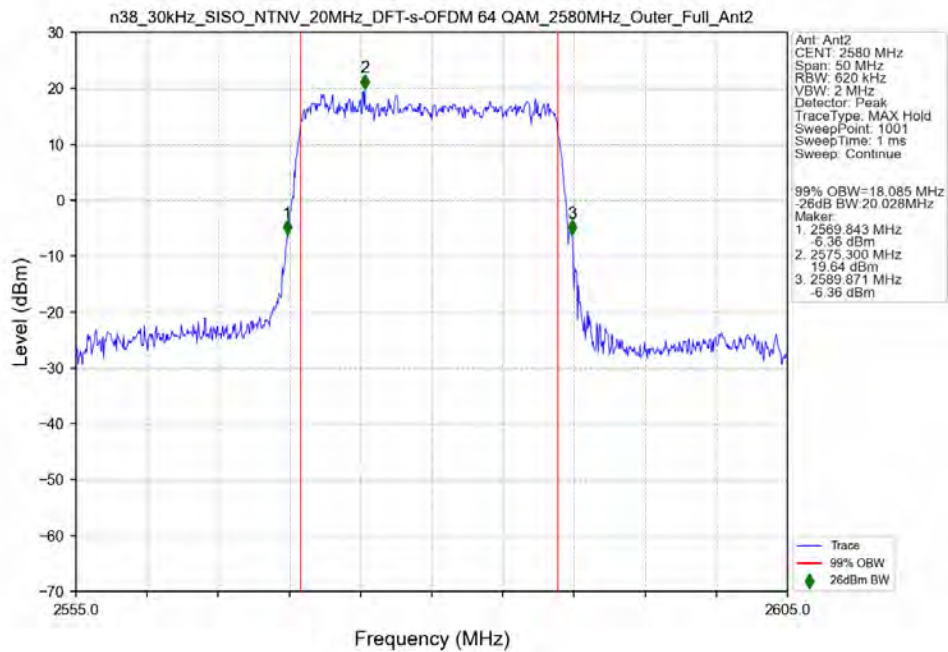
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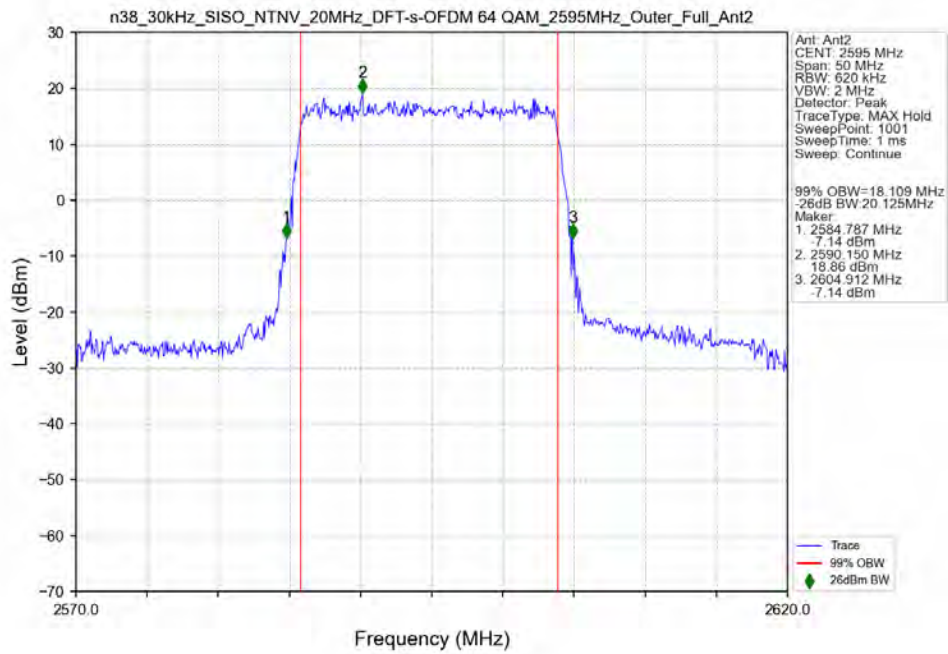
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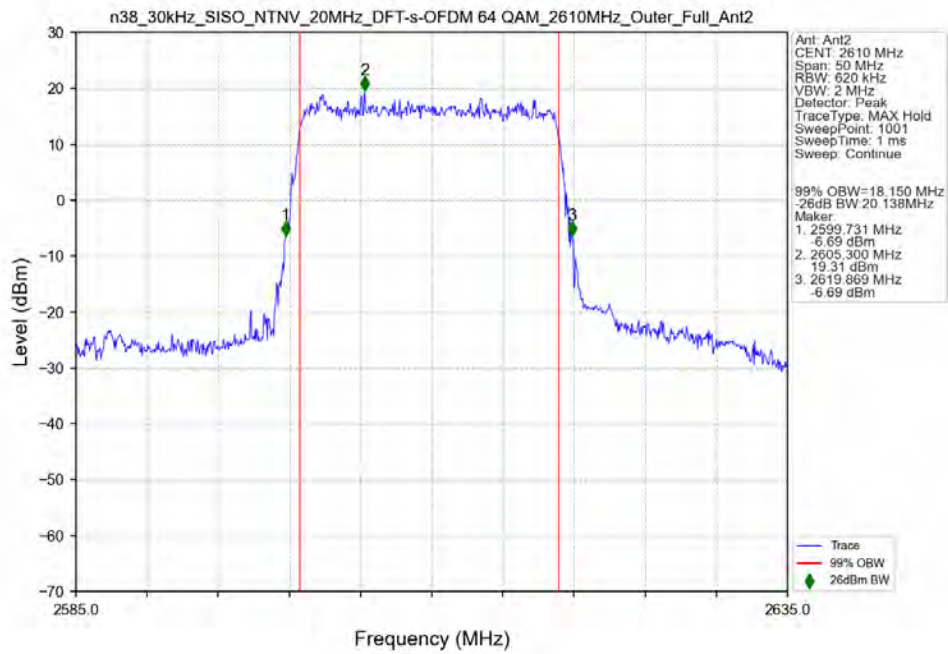
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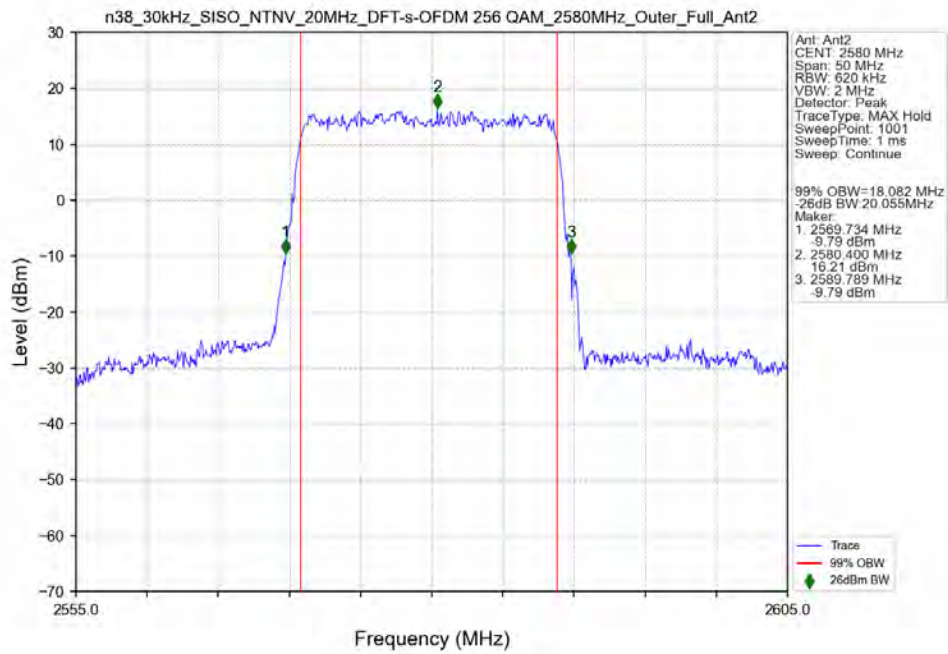
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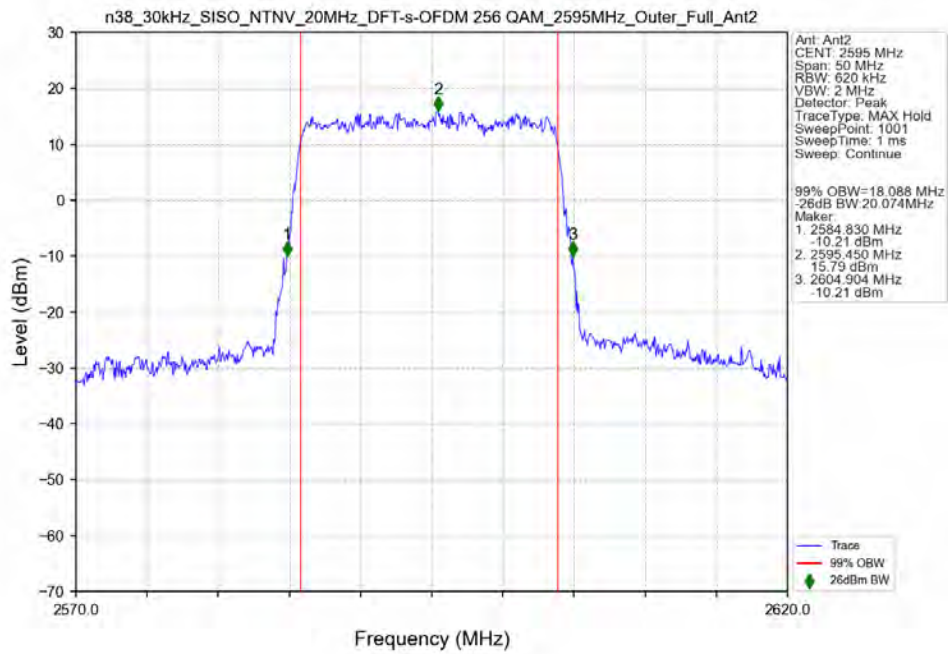
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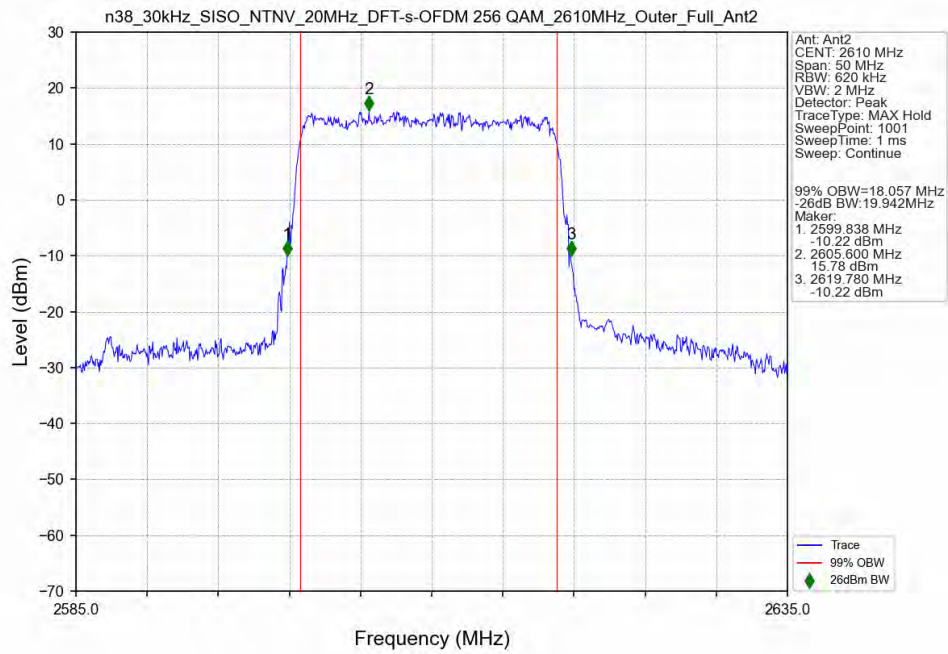
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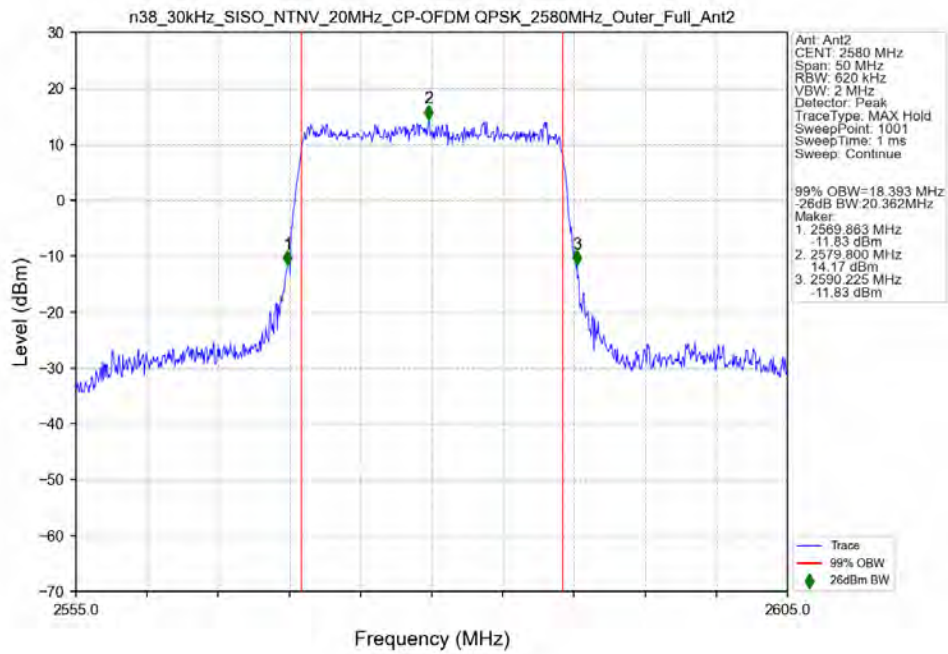
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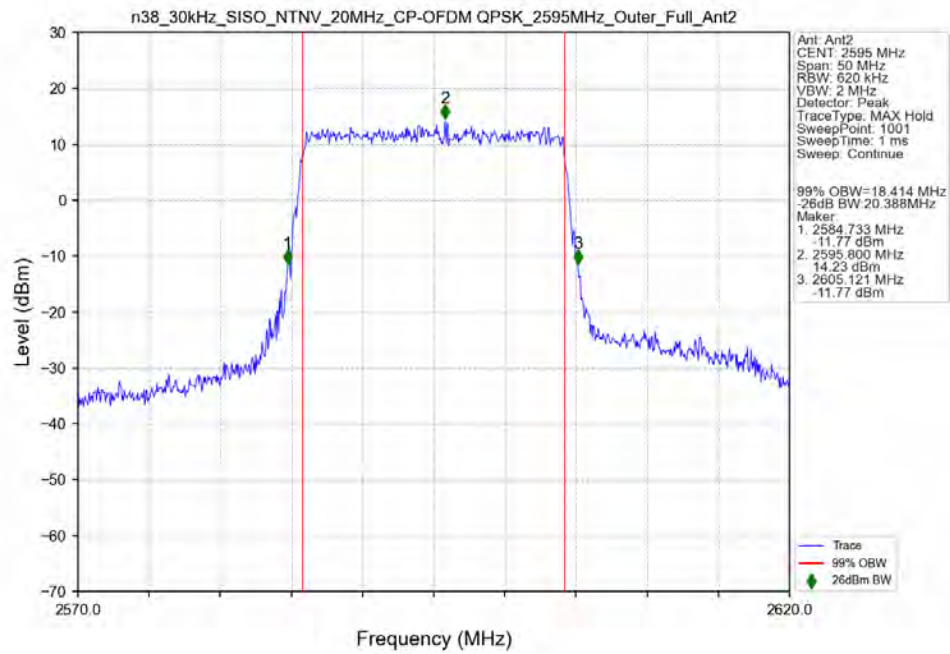
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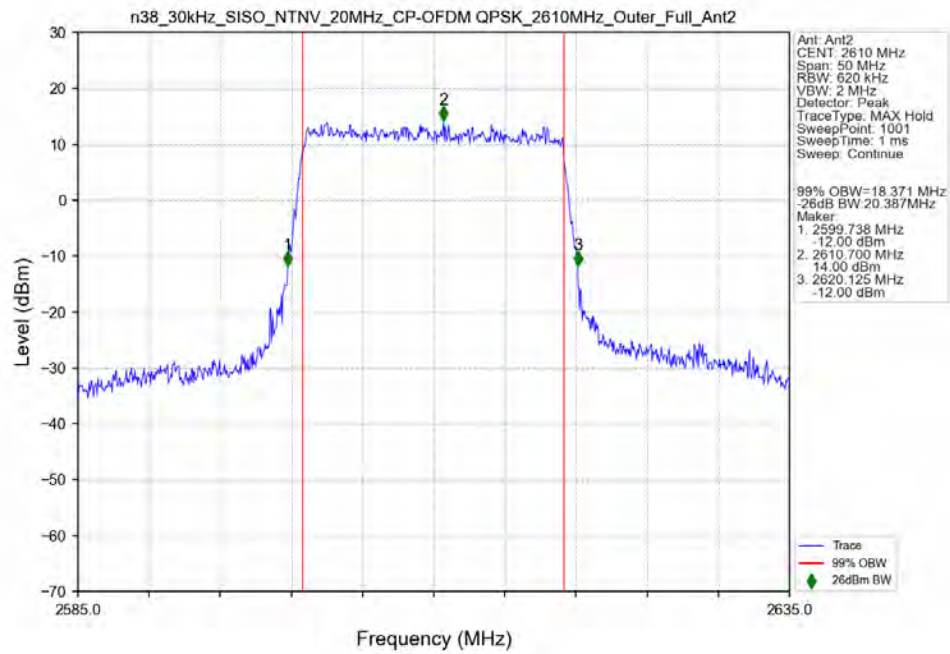
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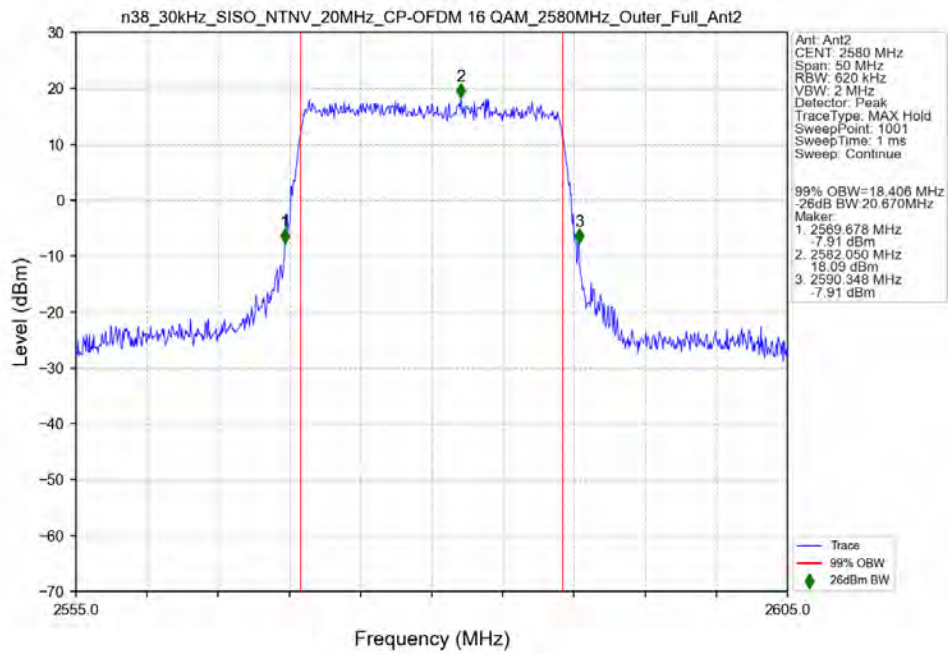
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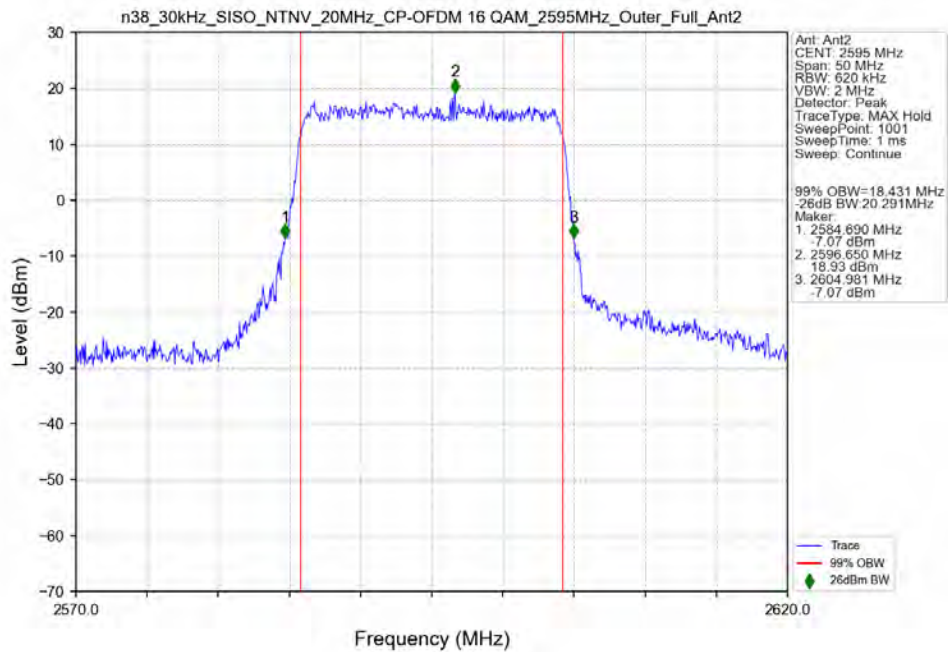
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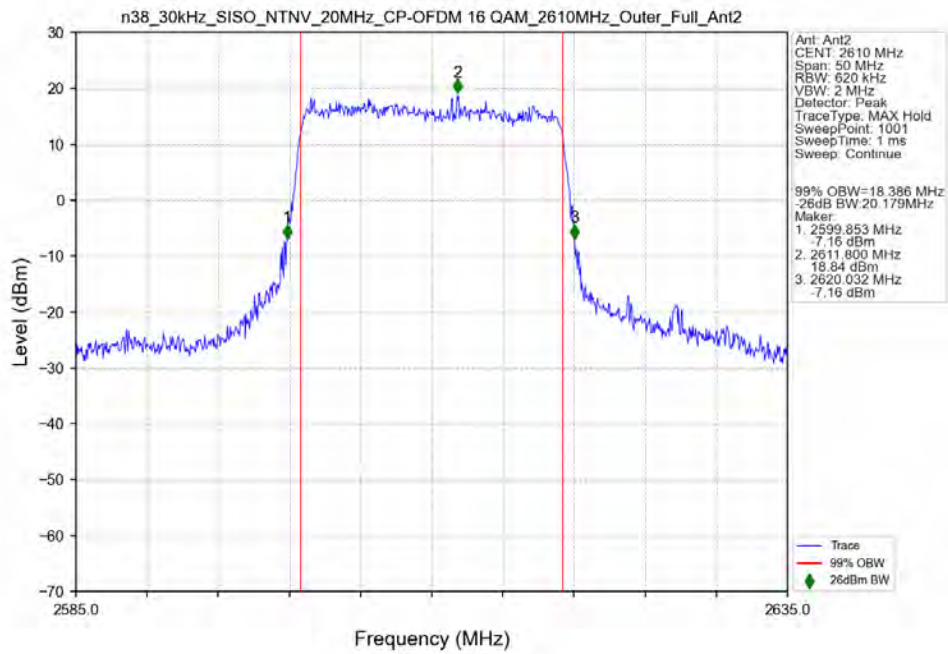
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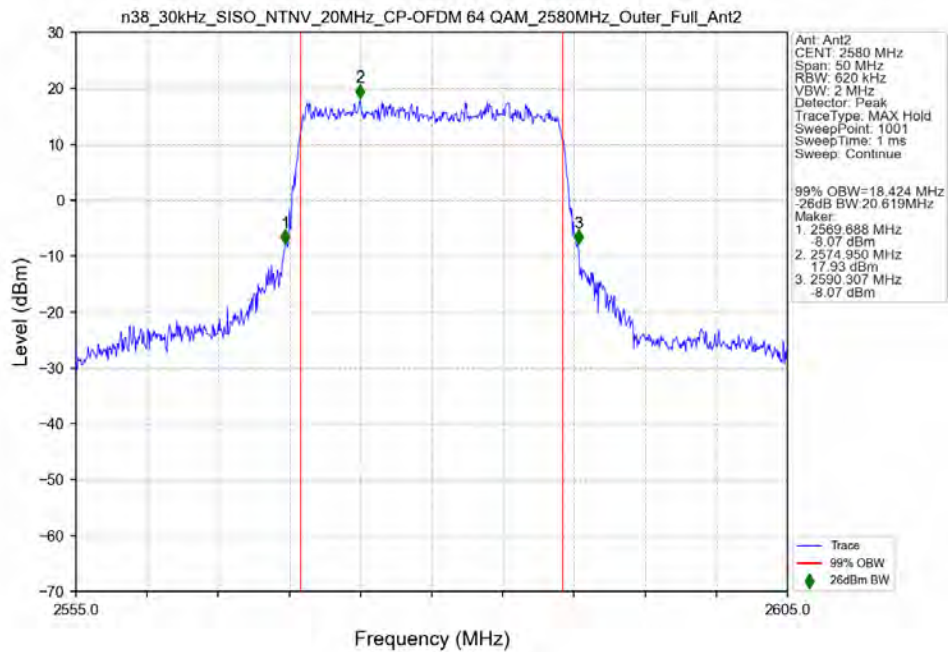
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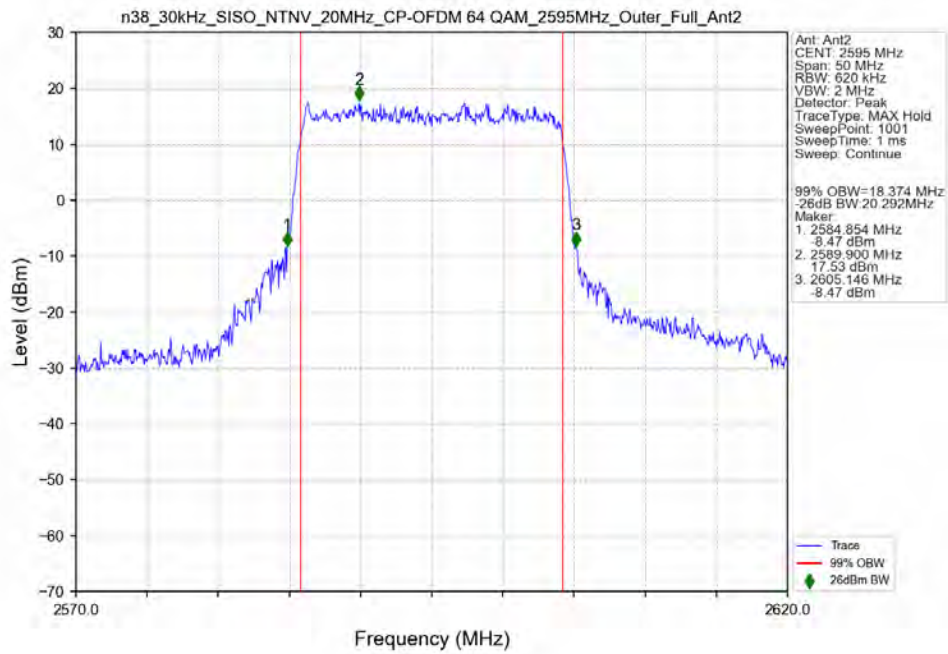
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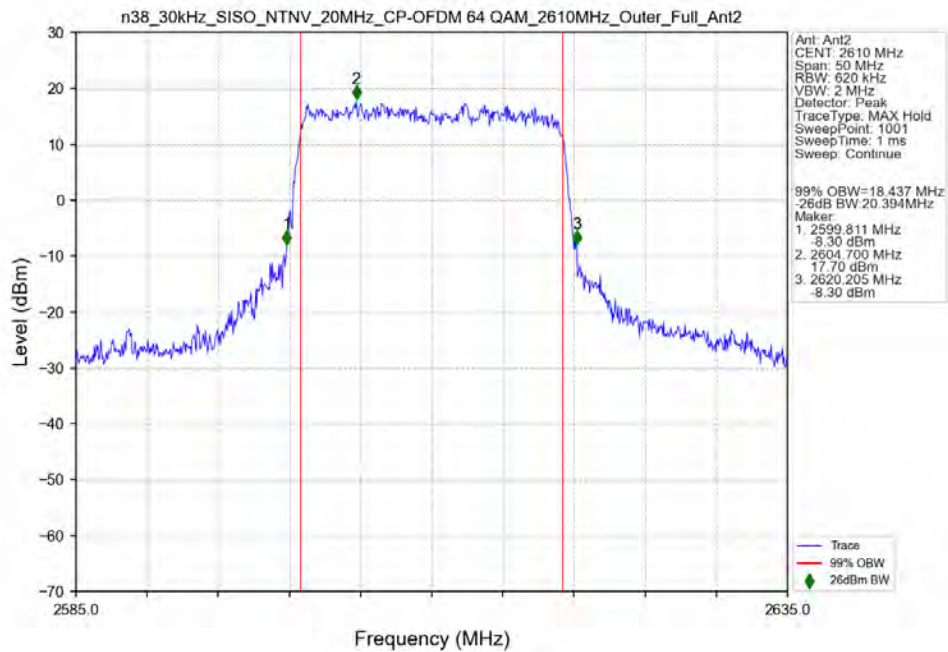
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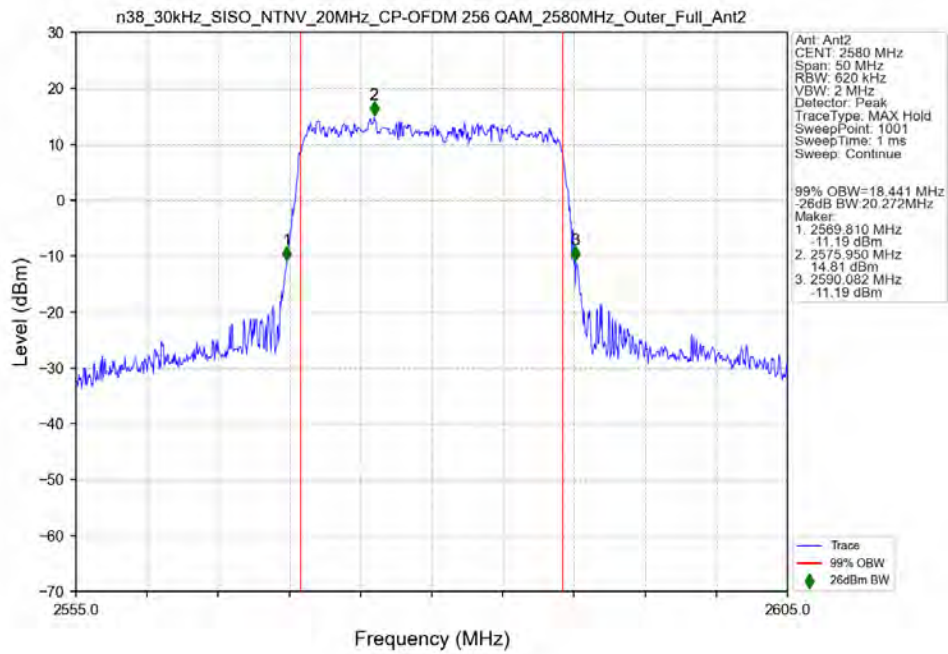
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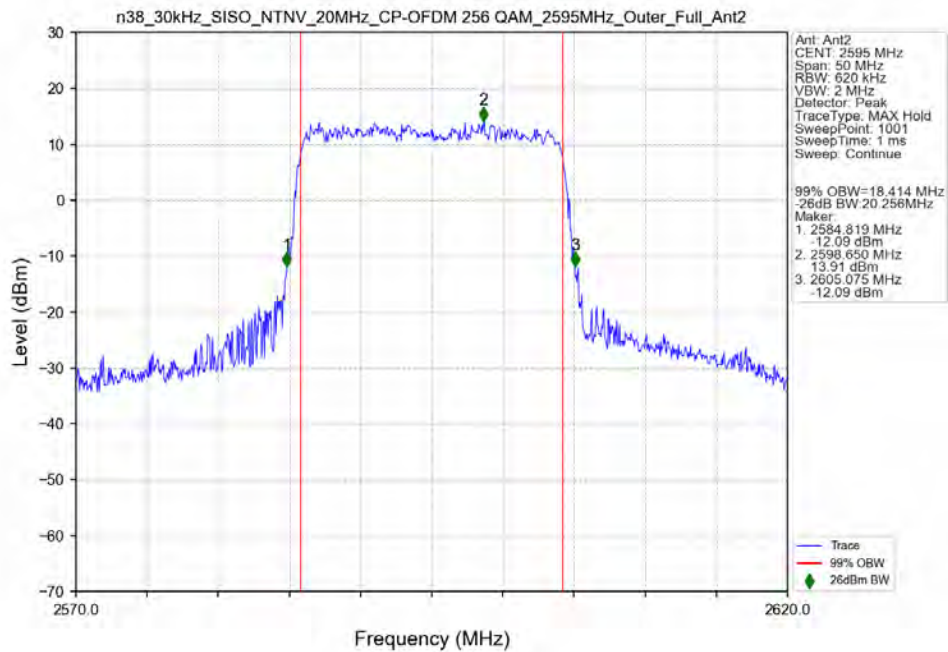
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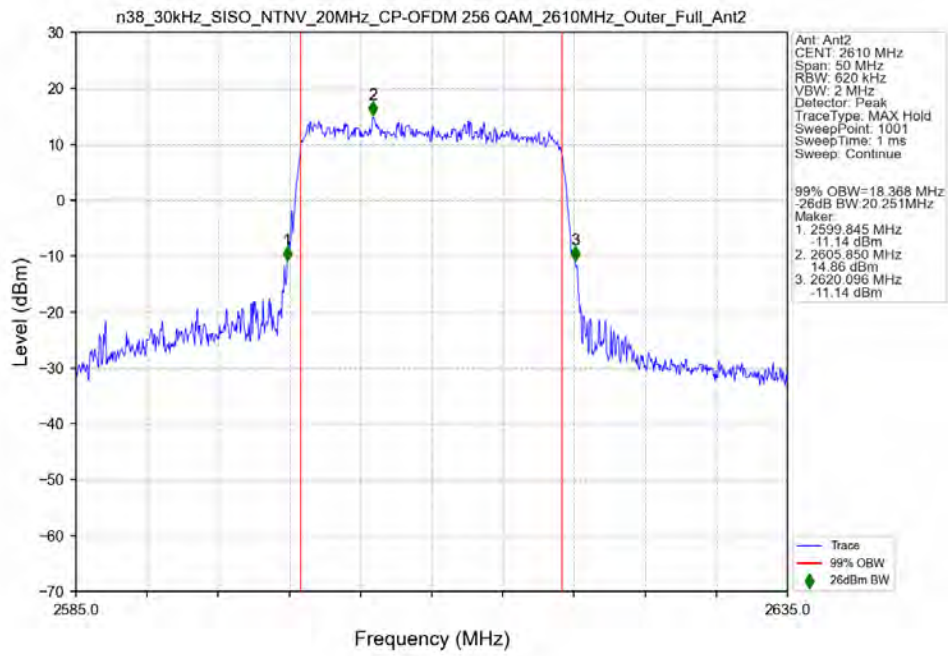
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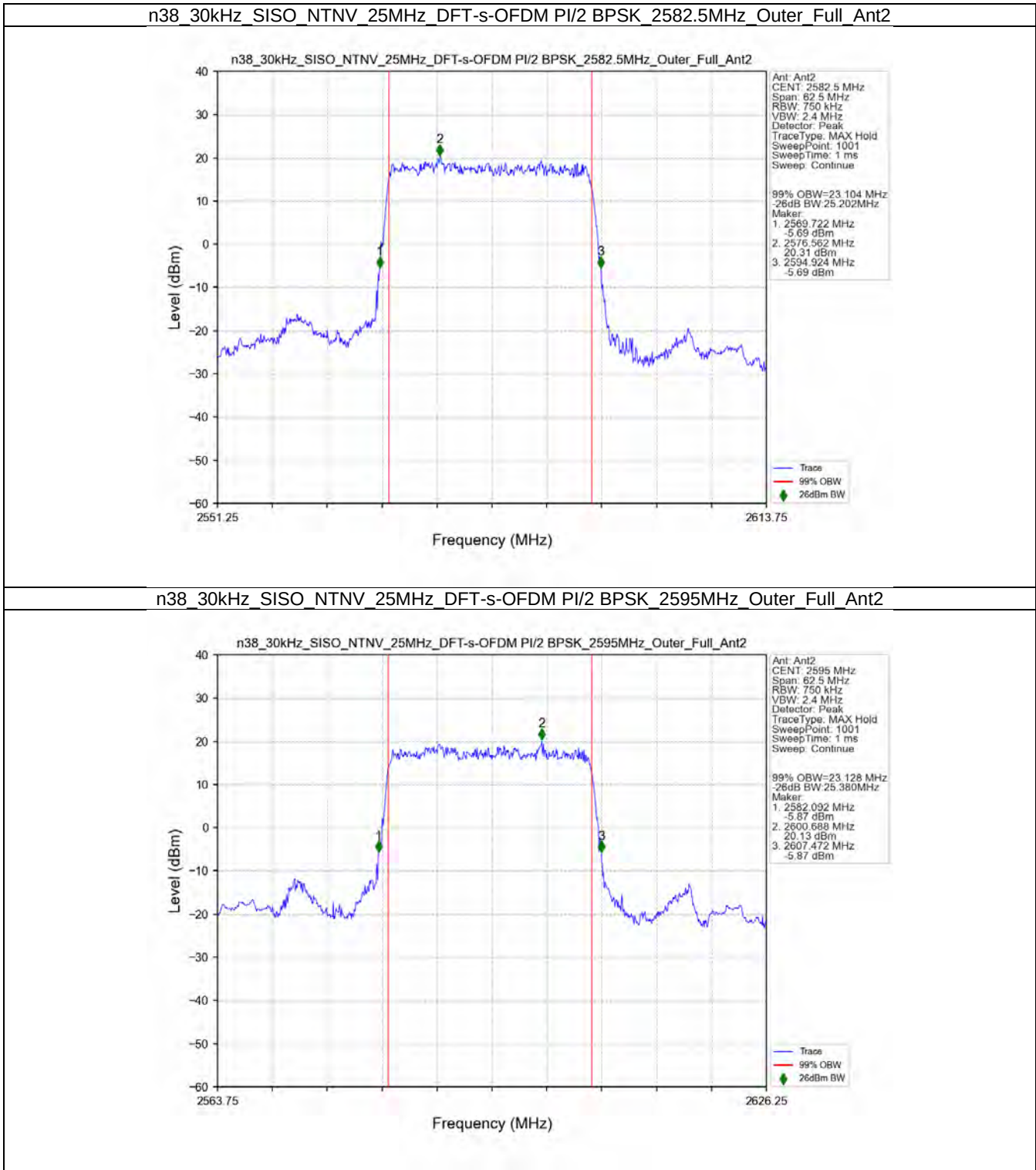
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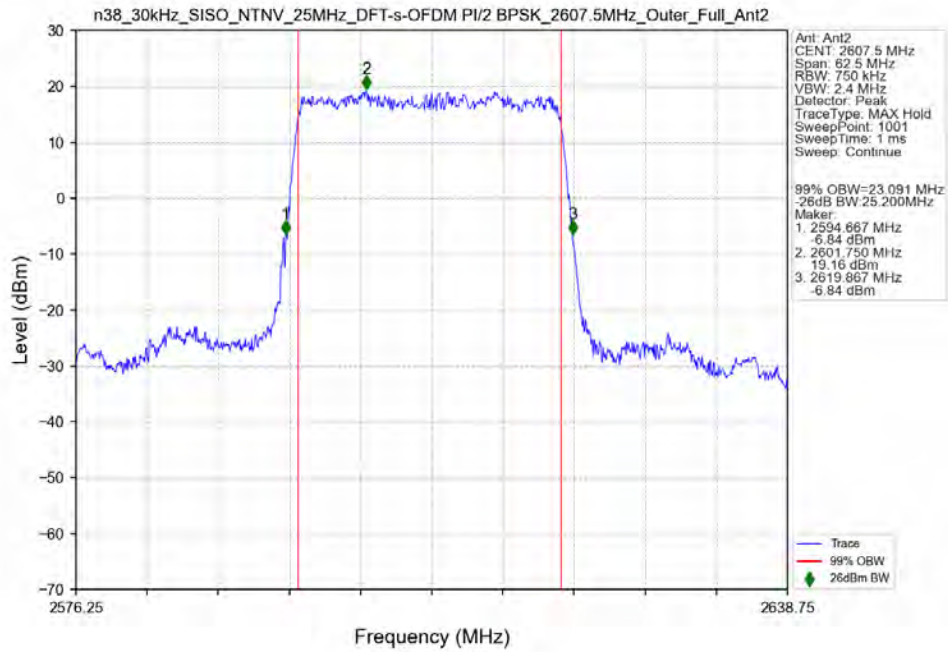
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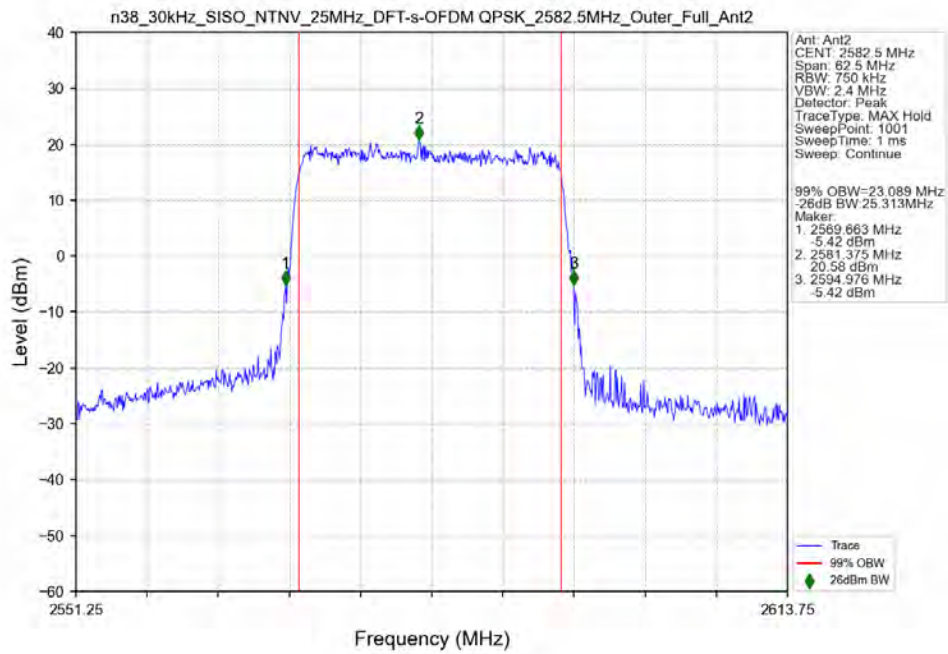
3.2.4 30k_SISO_25MHz_NTNV



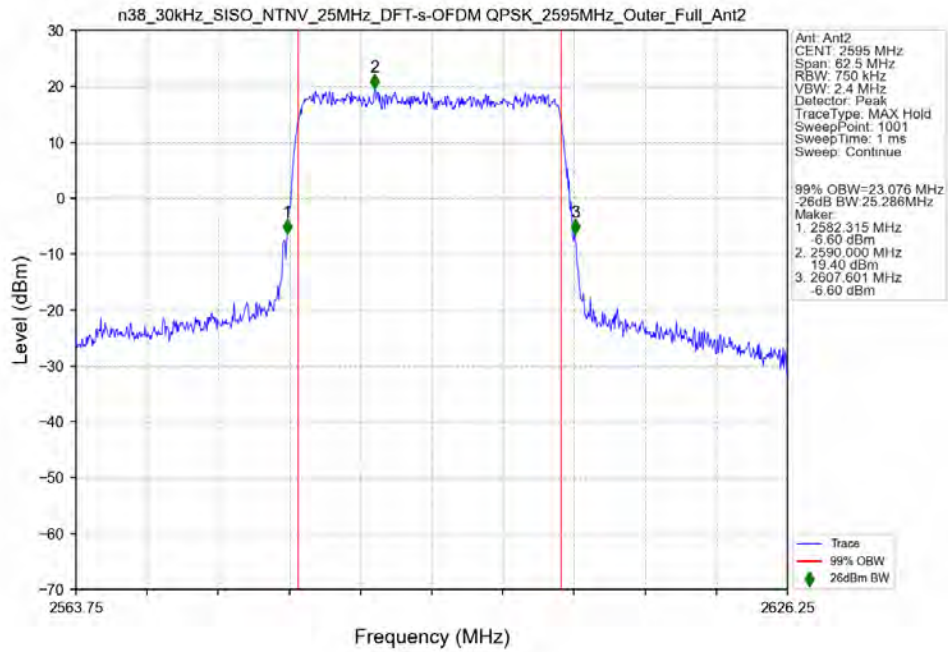
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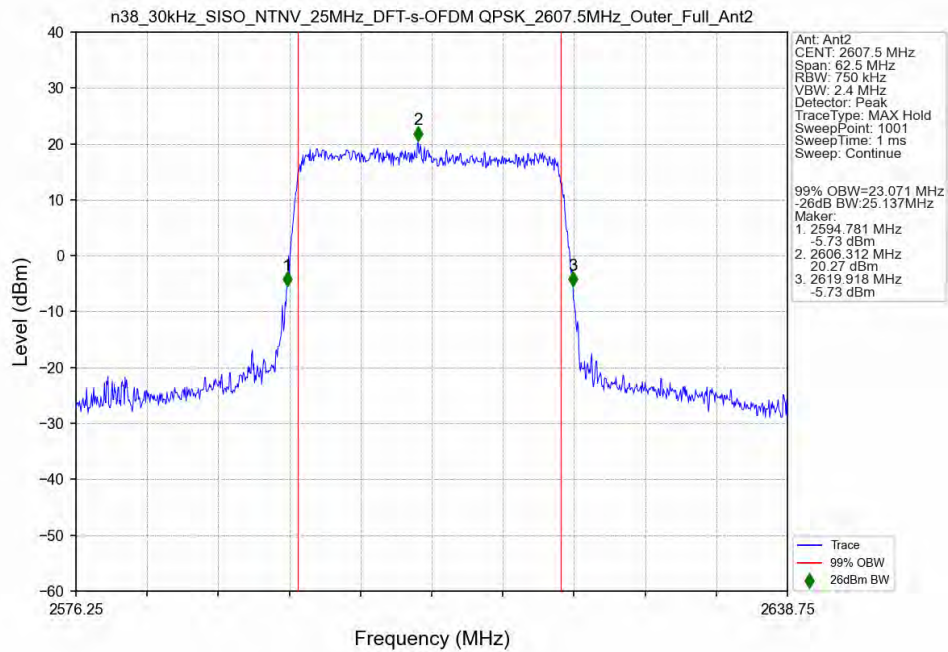
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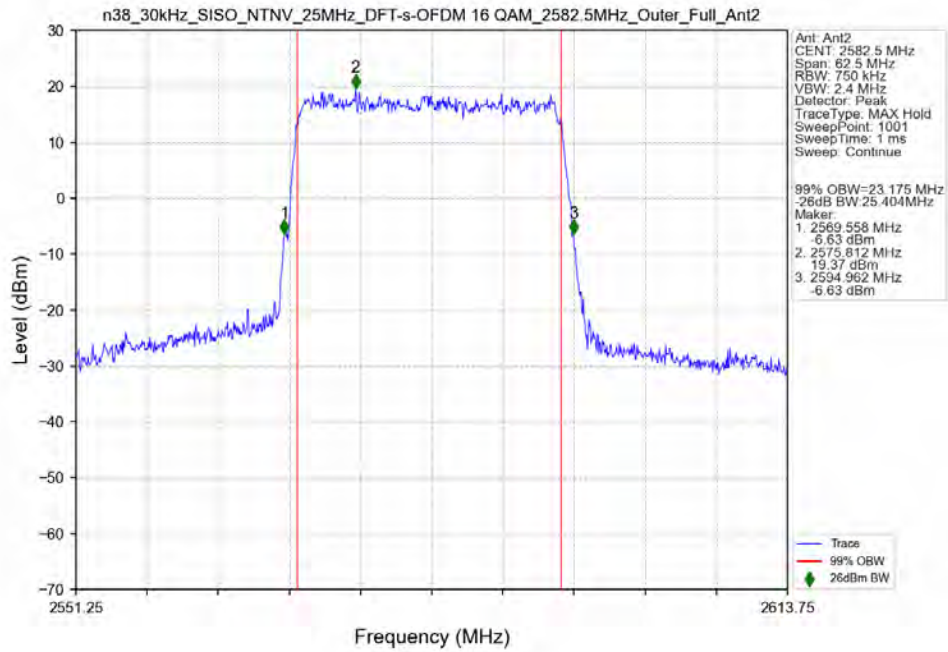
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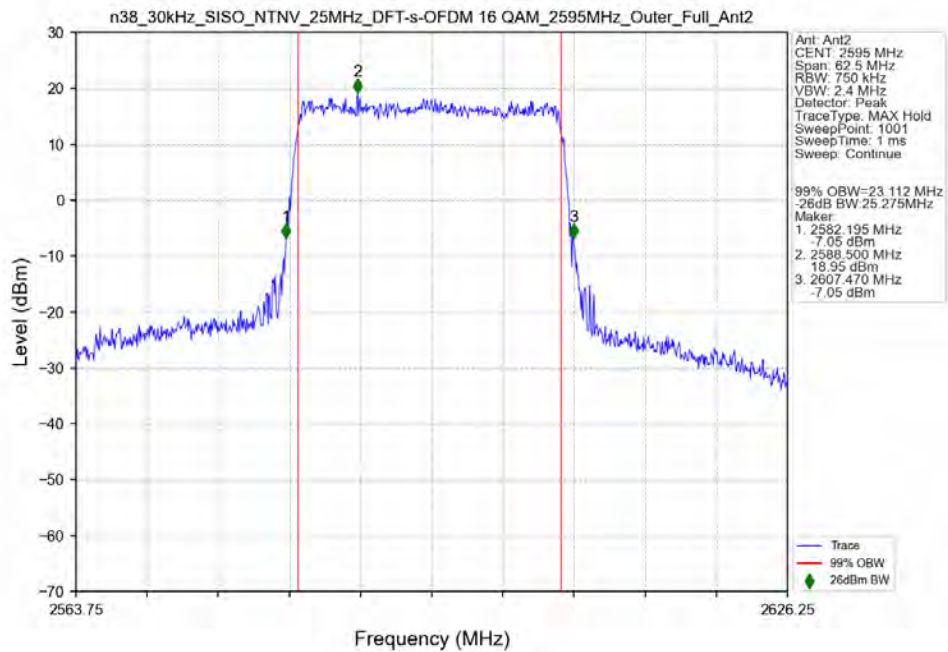
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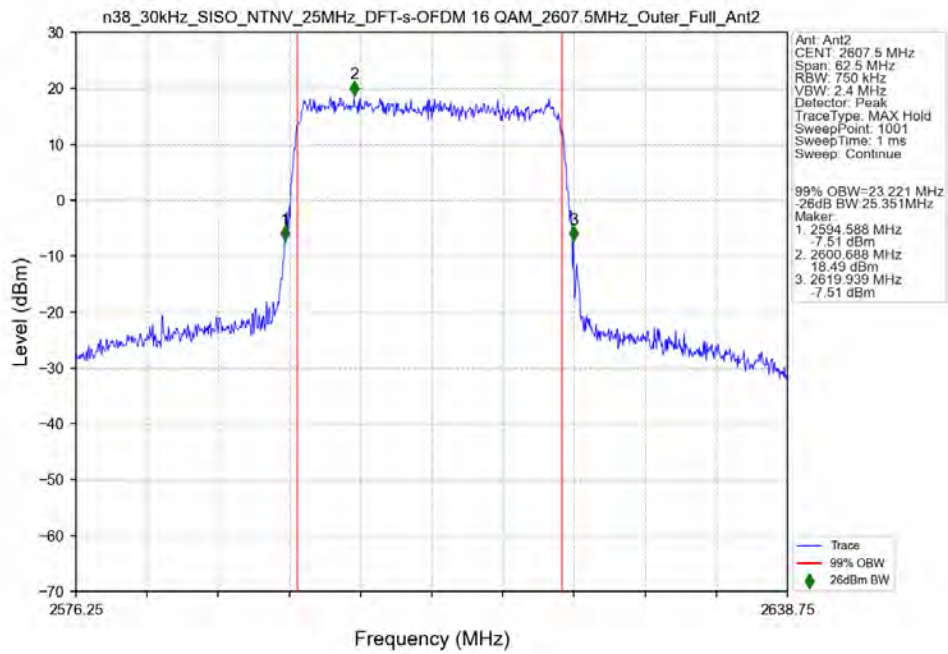
n38 30kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 2582.5MHz Outer Full Ant2



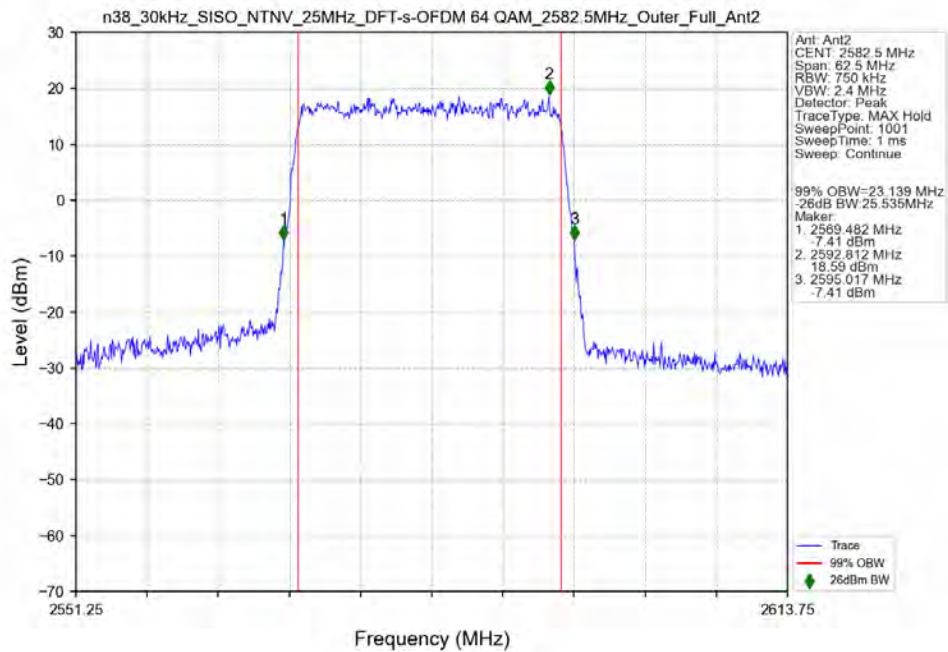
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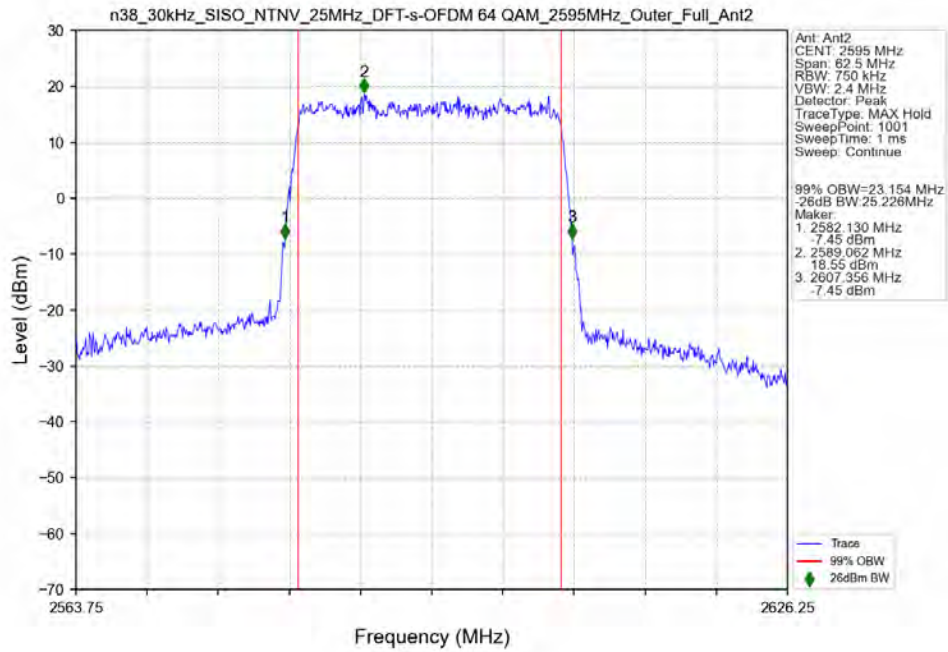
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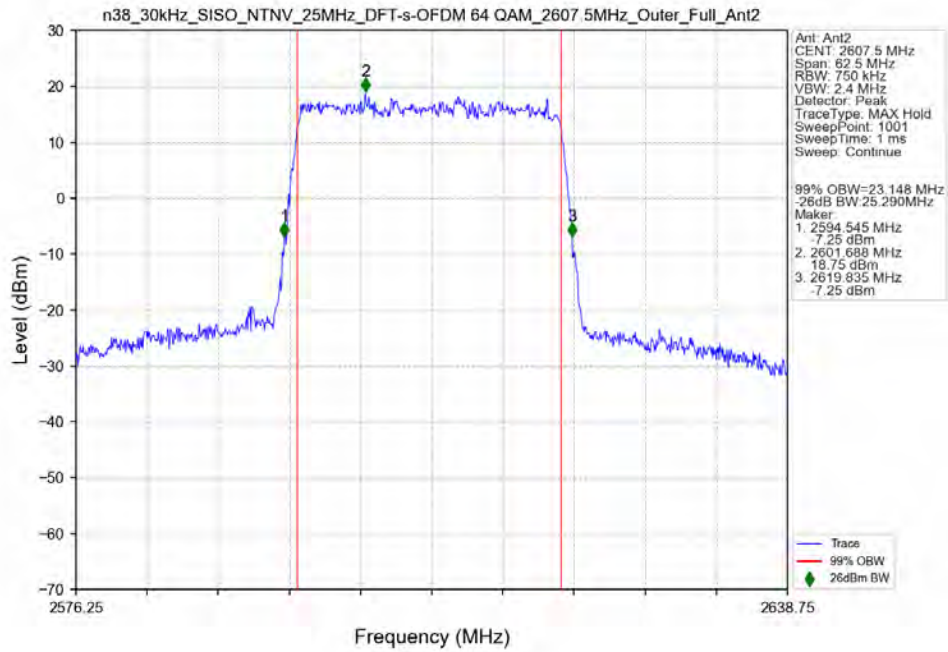
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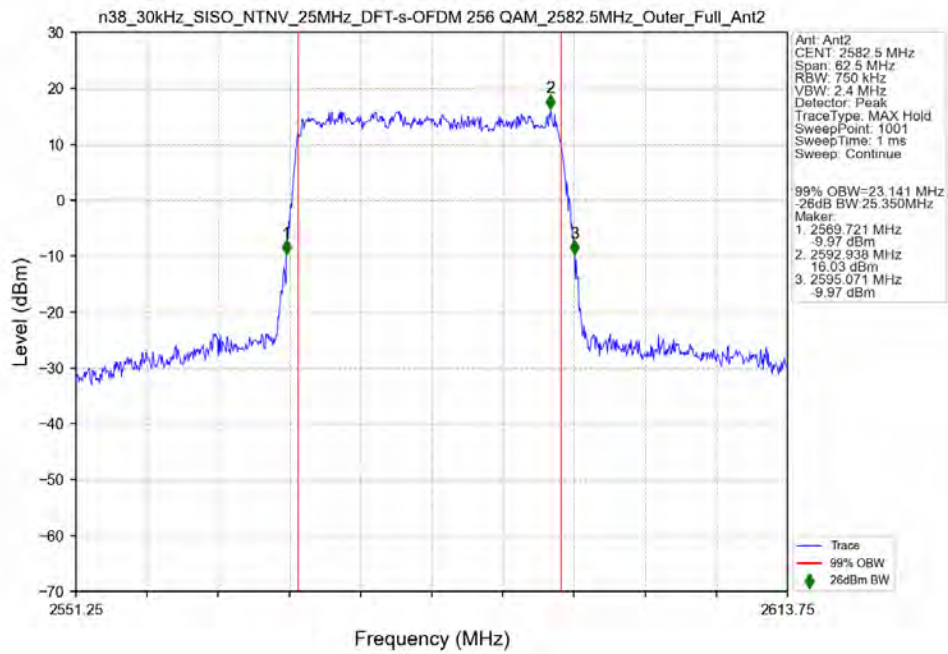
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_2595MHz_Outer_Full_Ant2



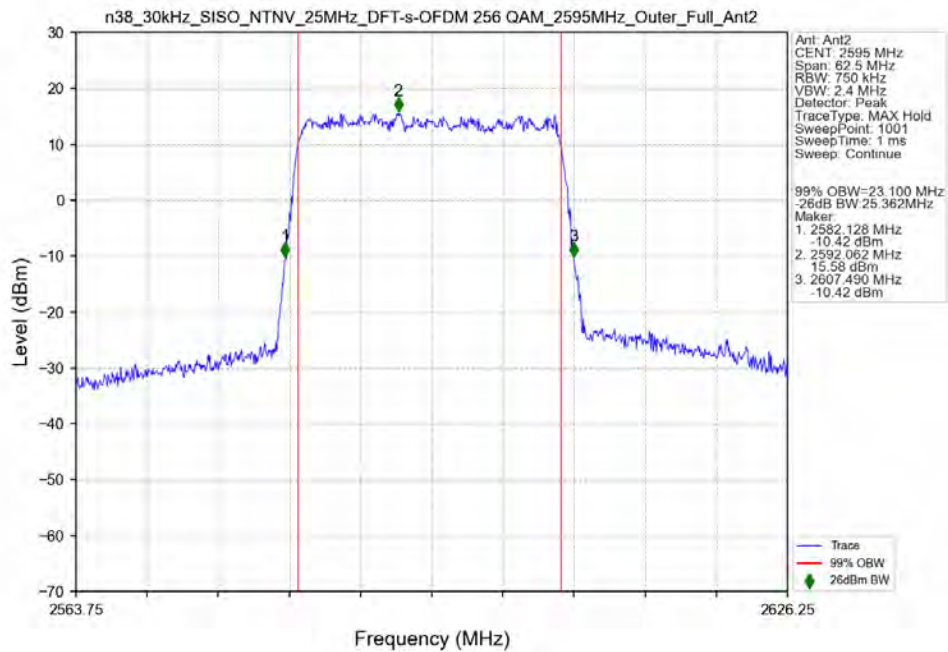
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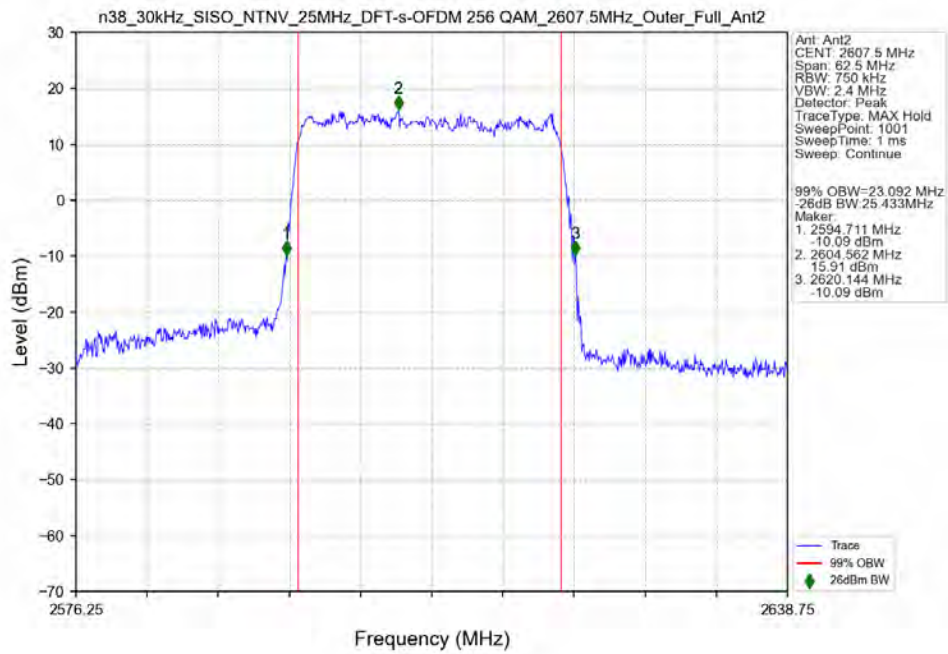
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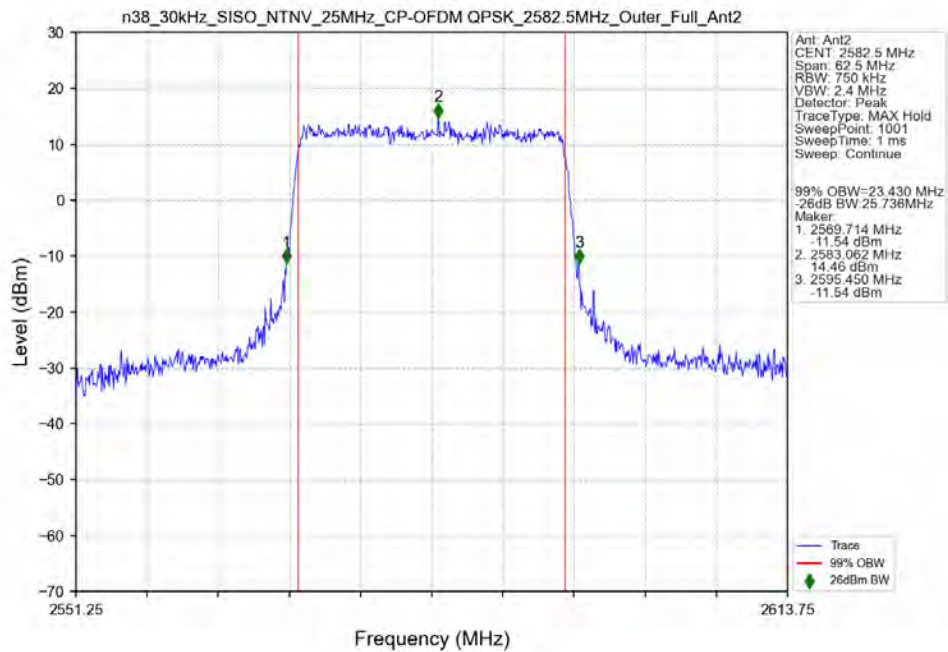
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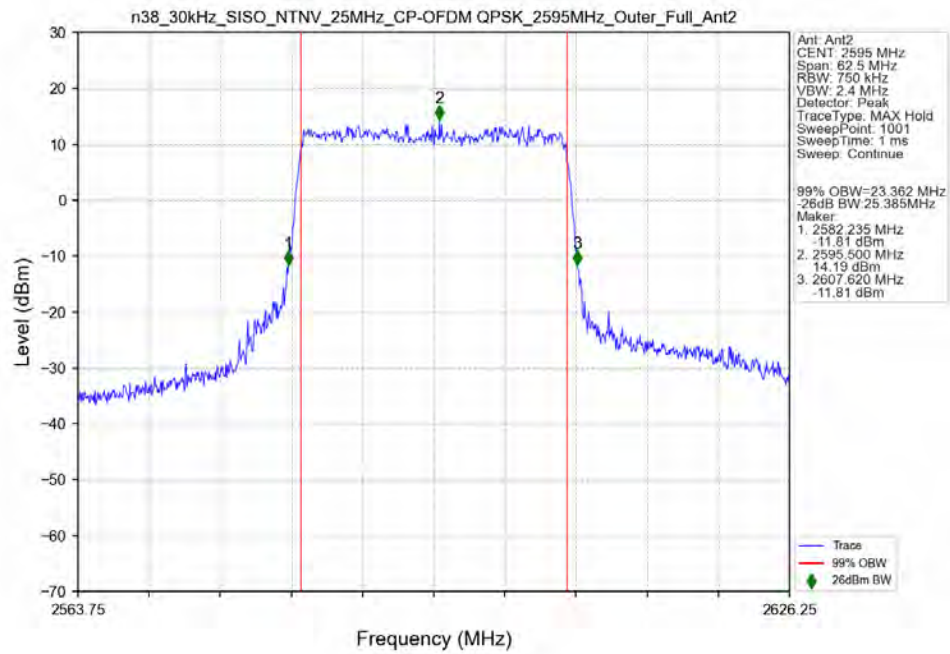
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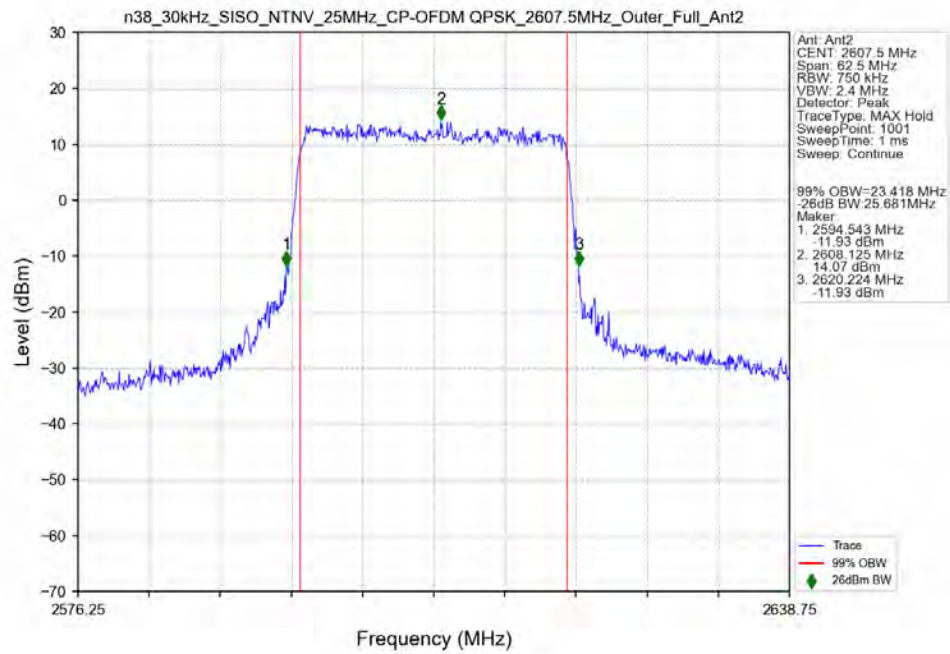
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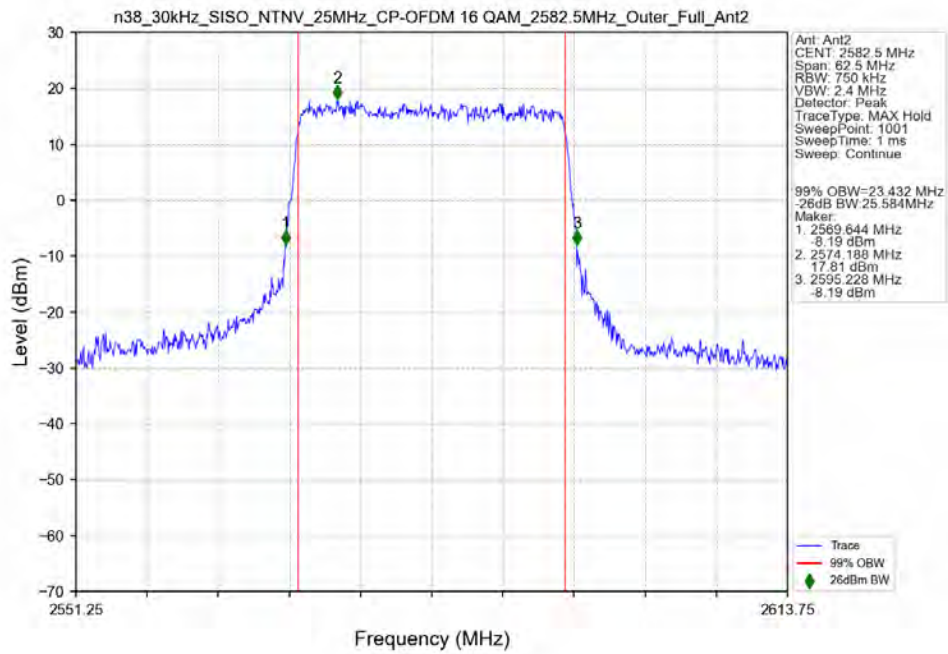
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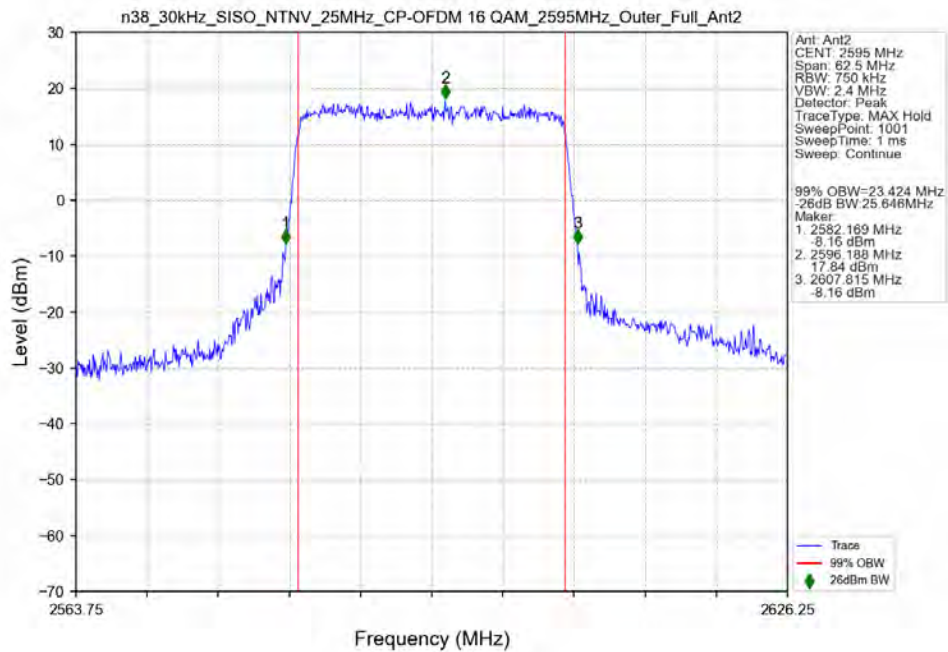
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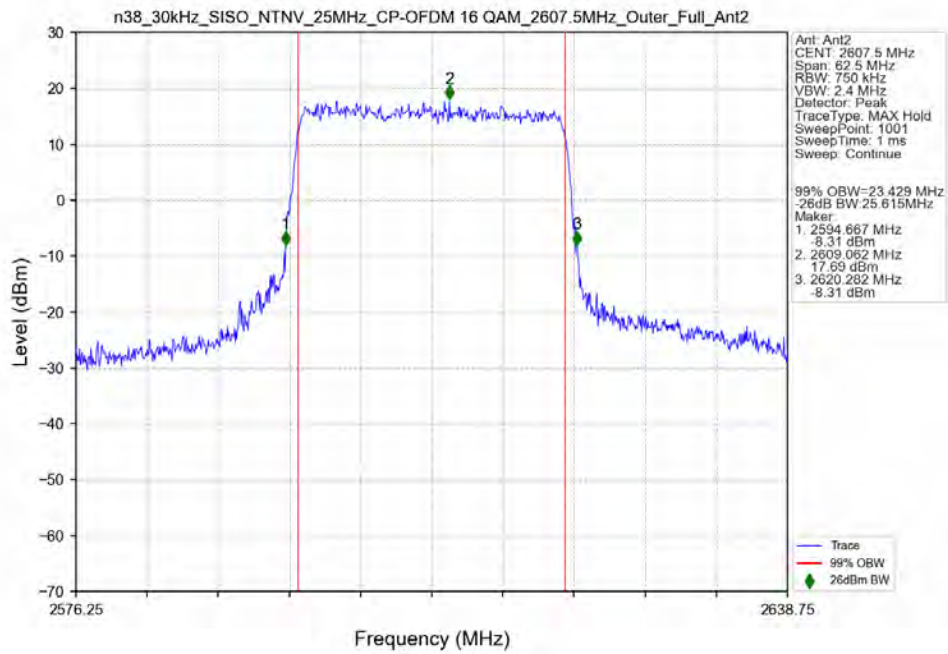
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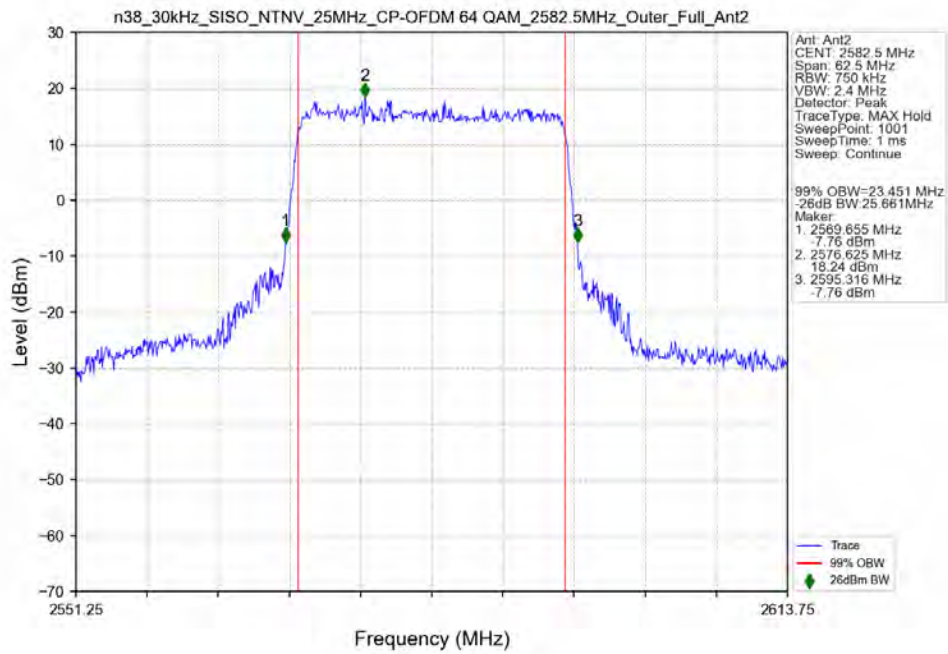
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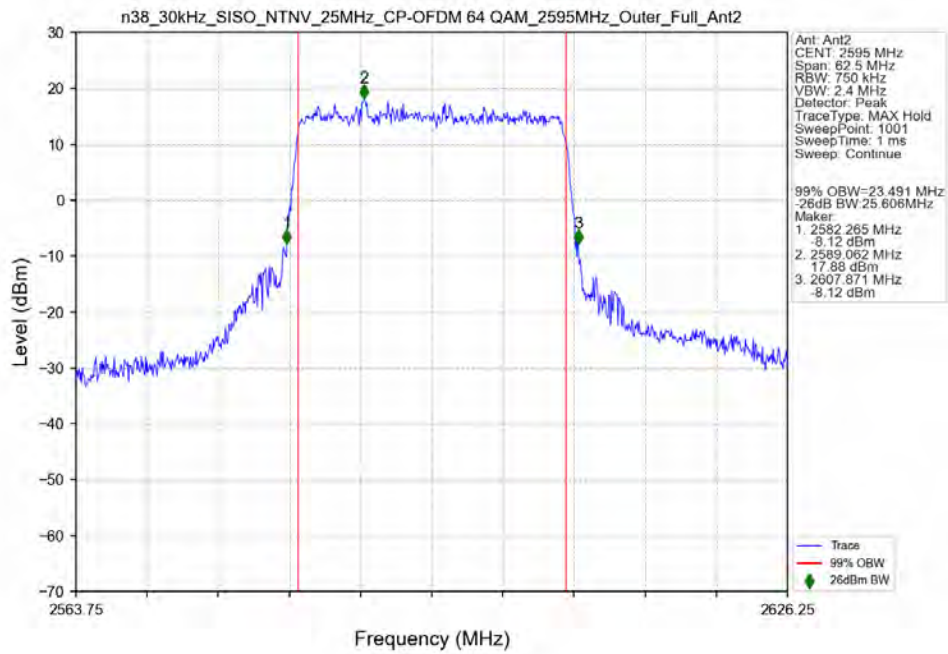
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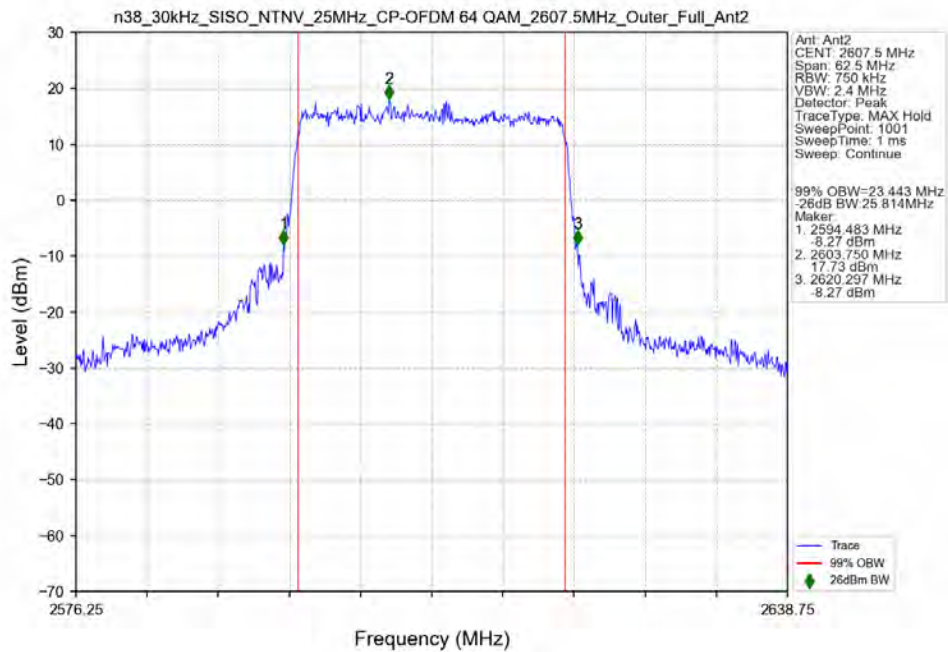
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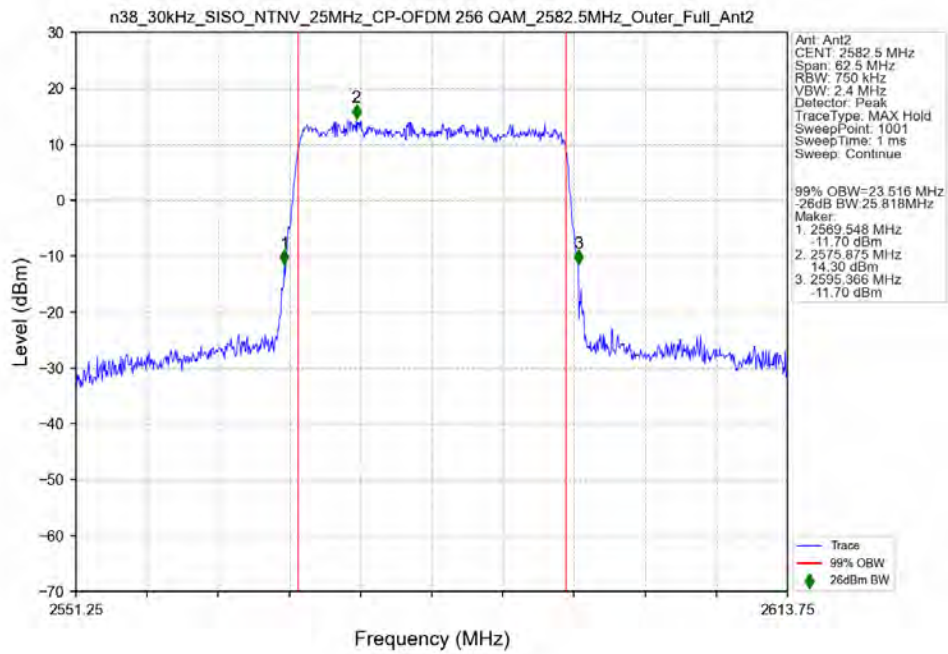
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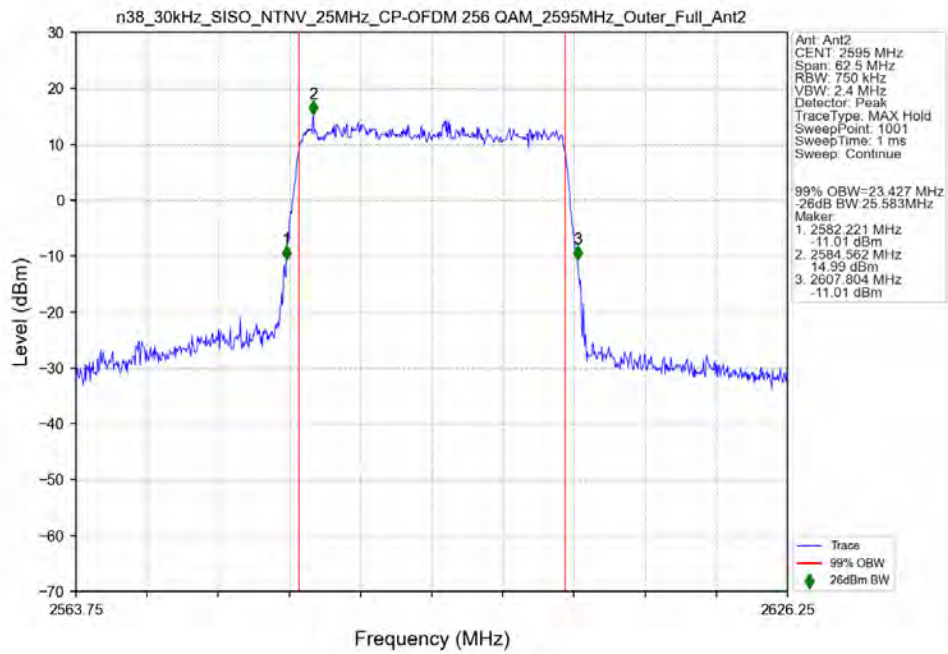
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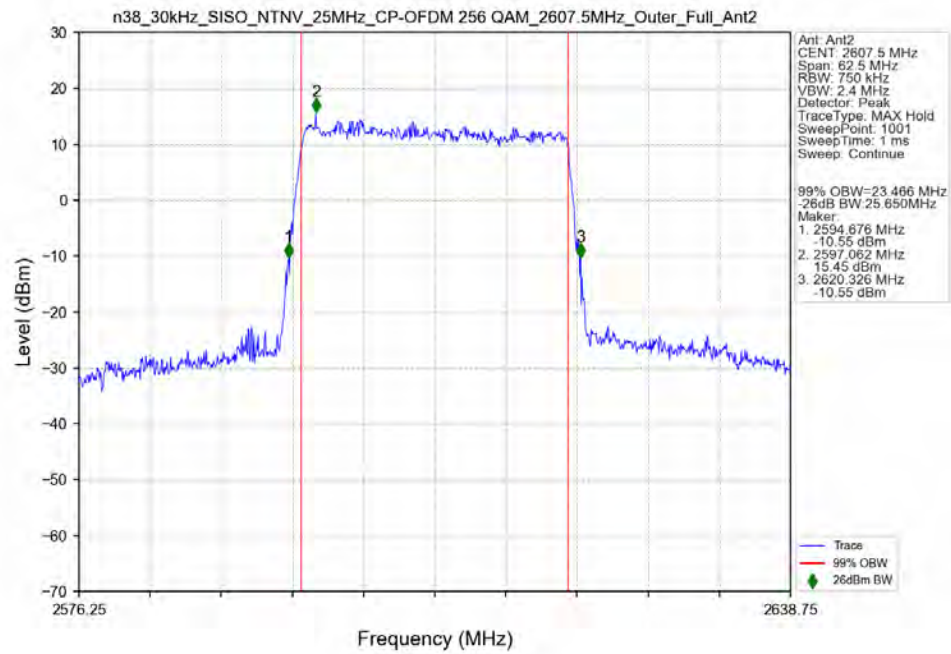
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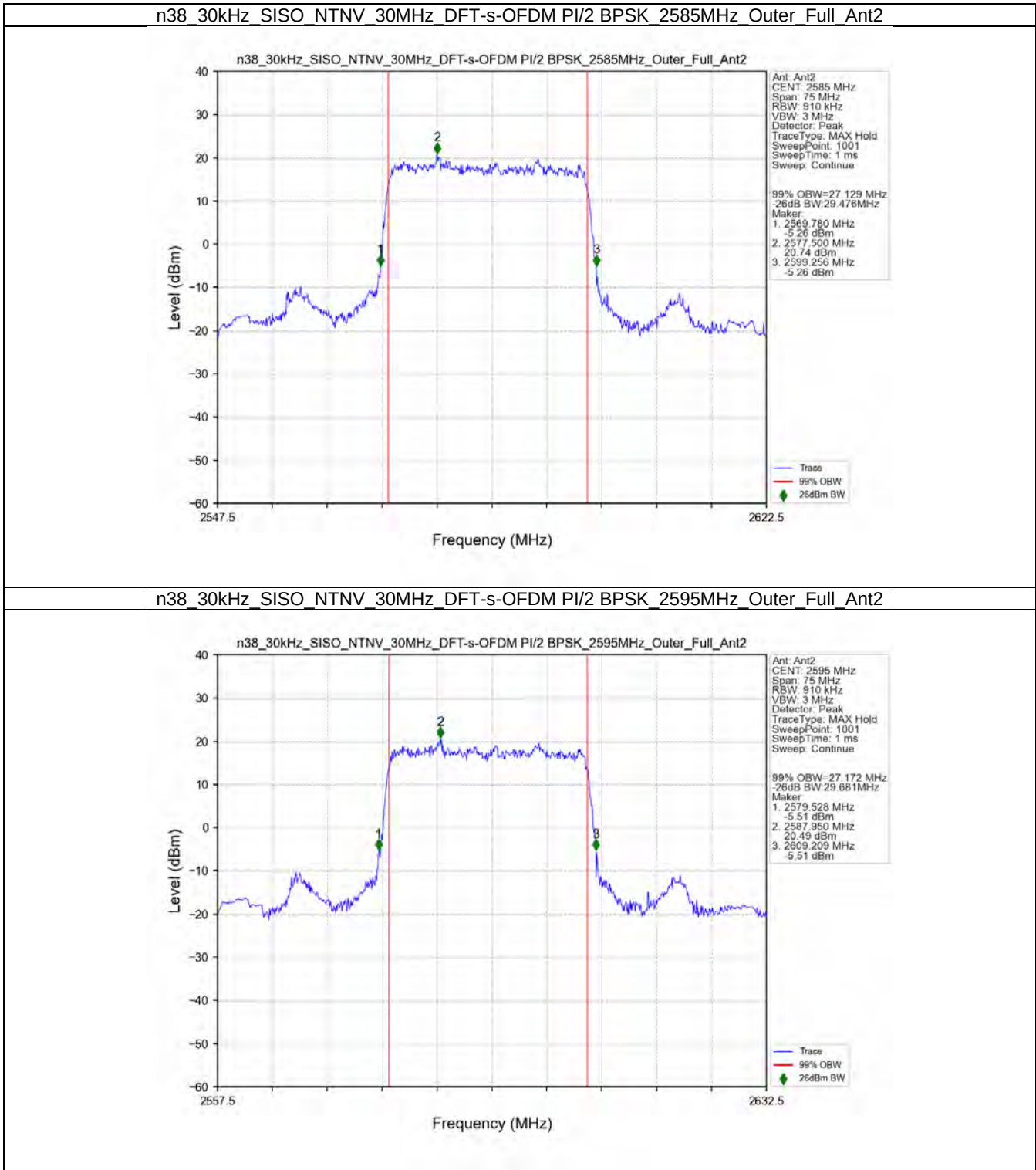
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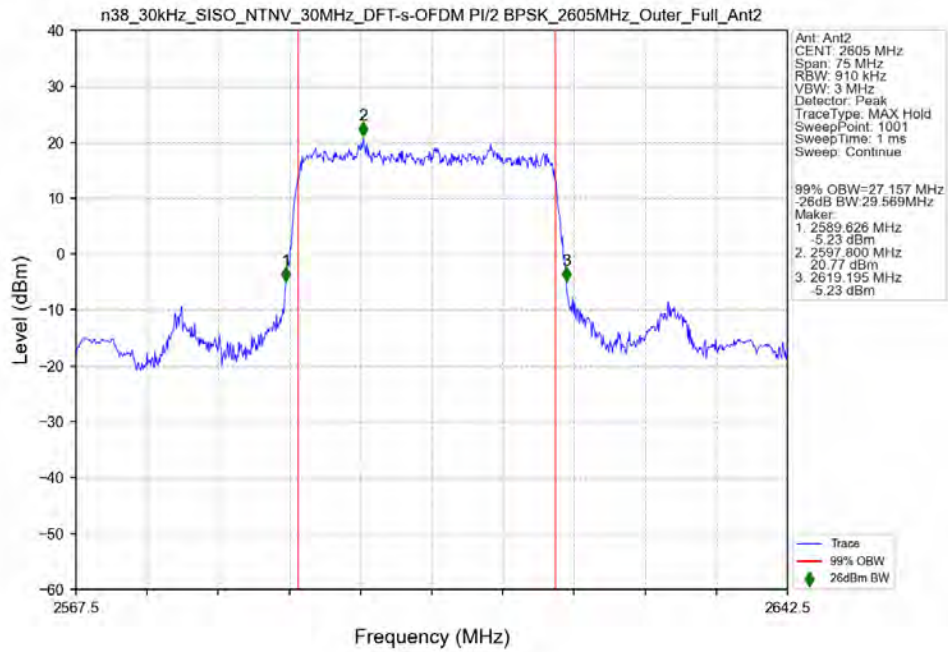
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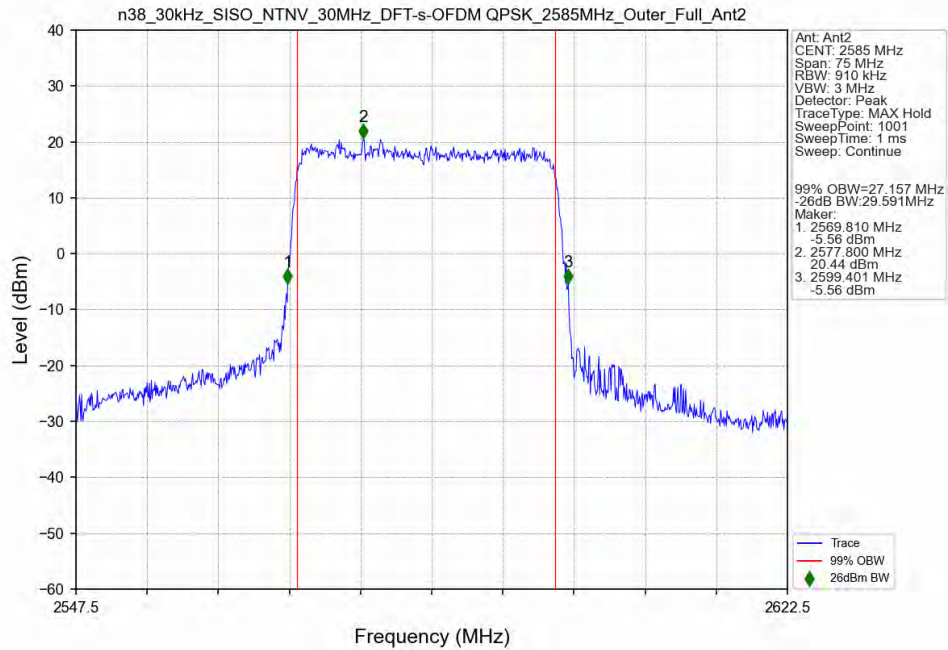
3.2.5 30k_SISO_30MHz_NTNV



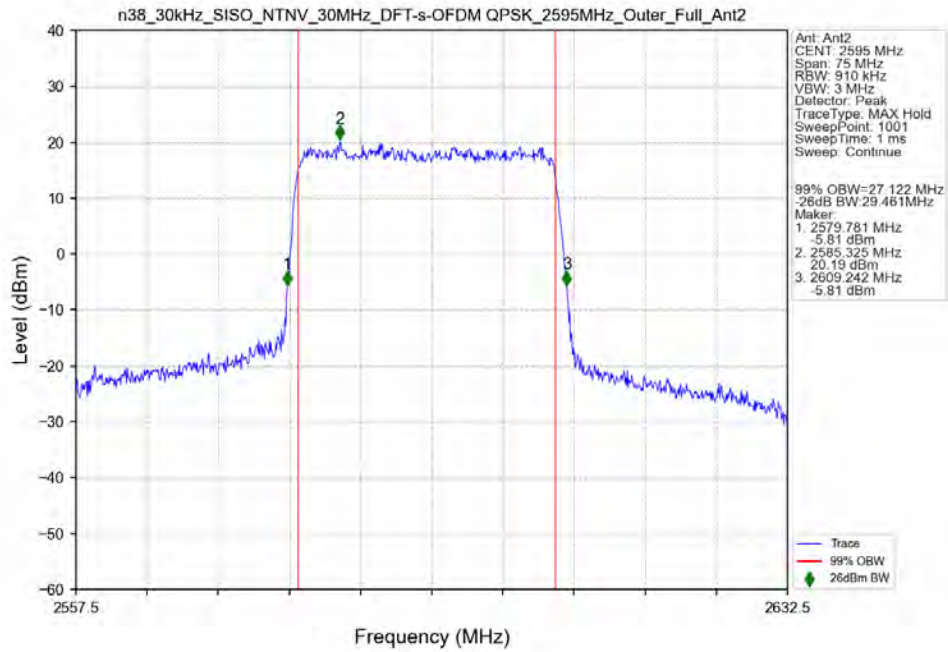
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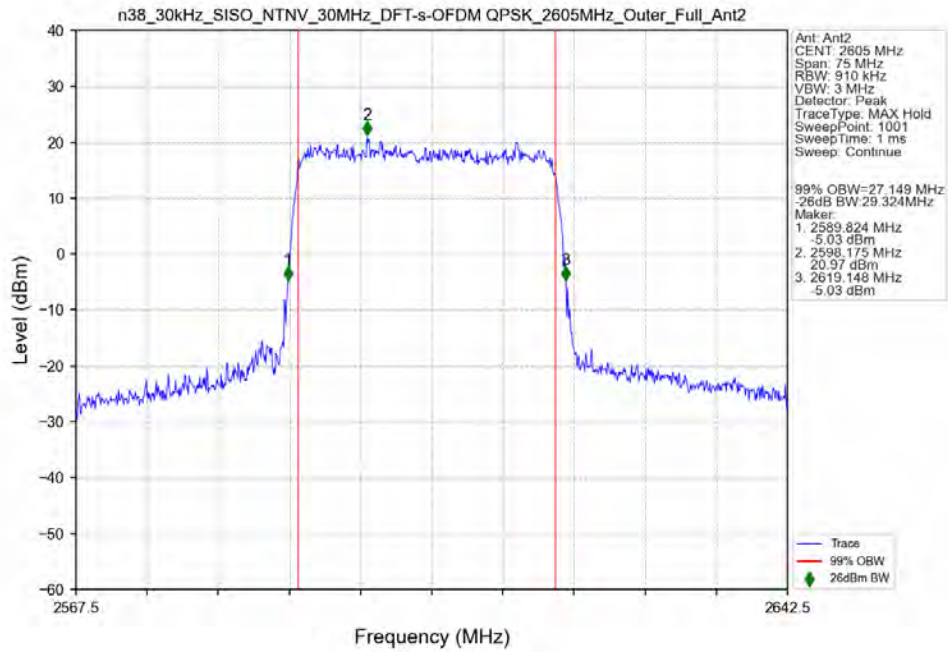
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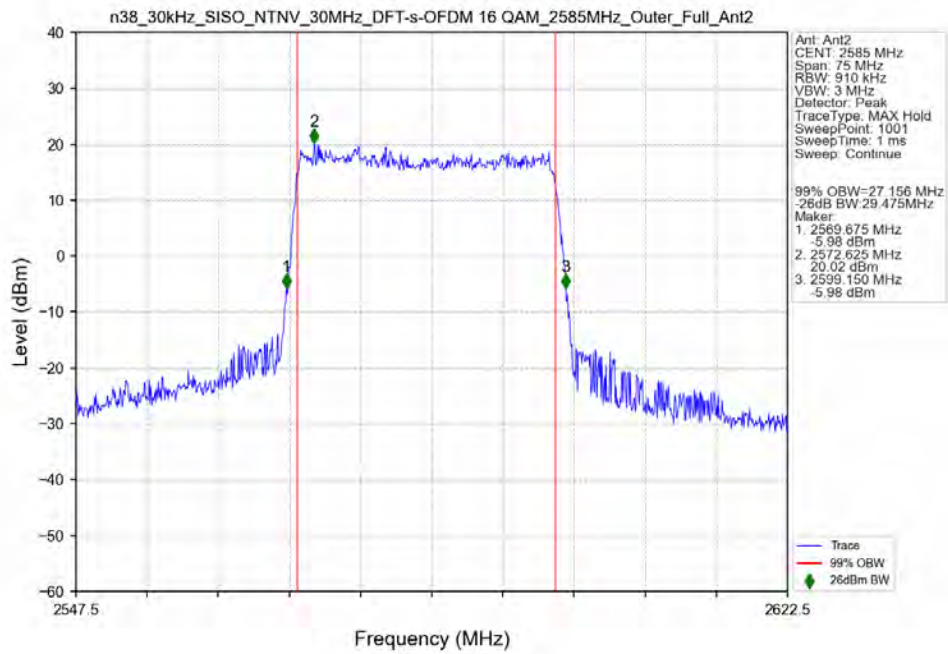
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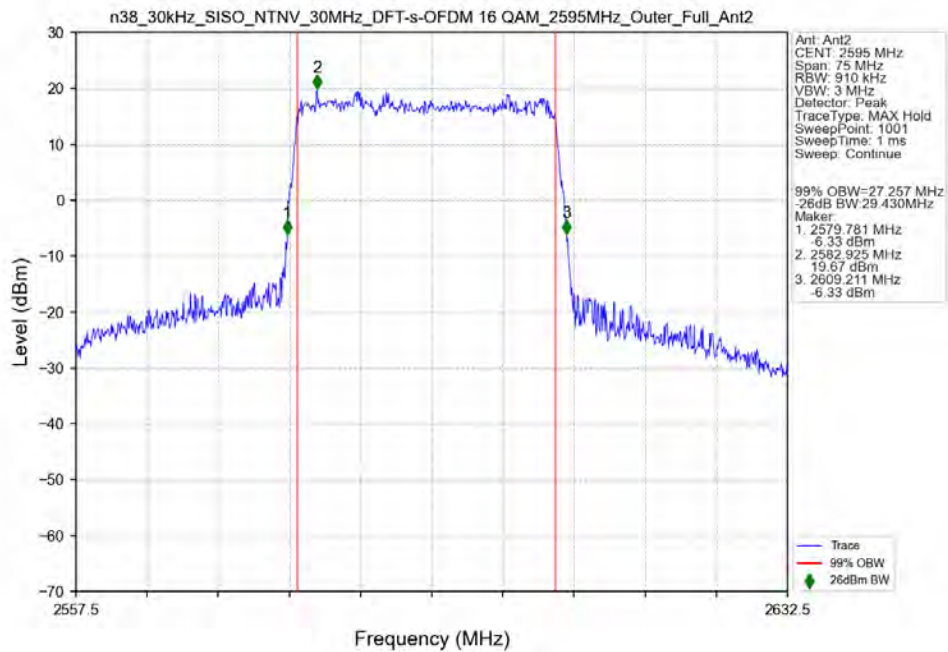
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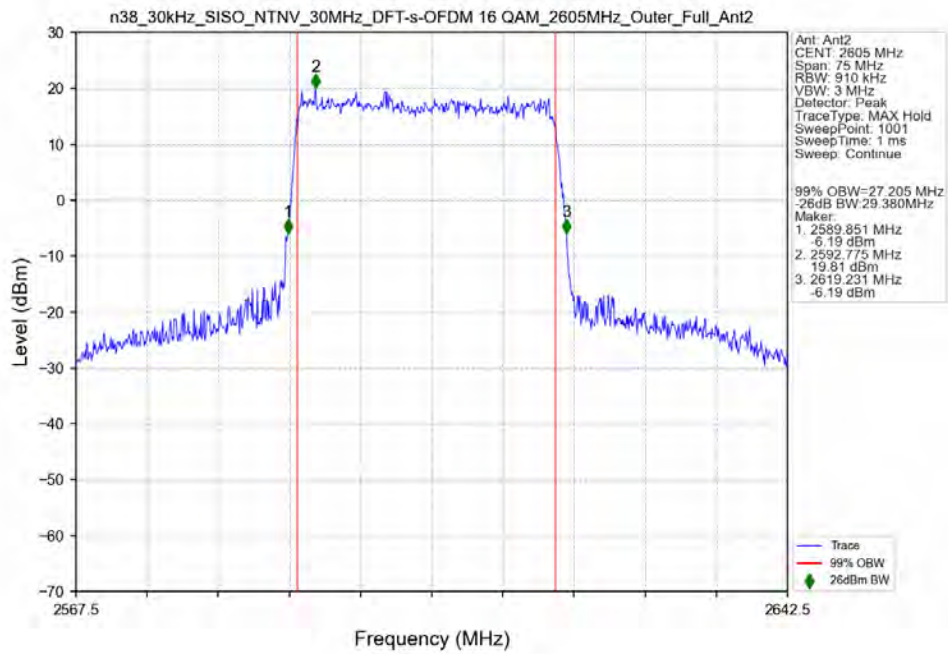
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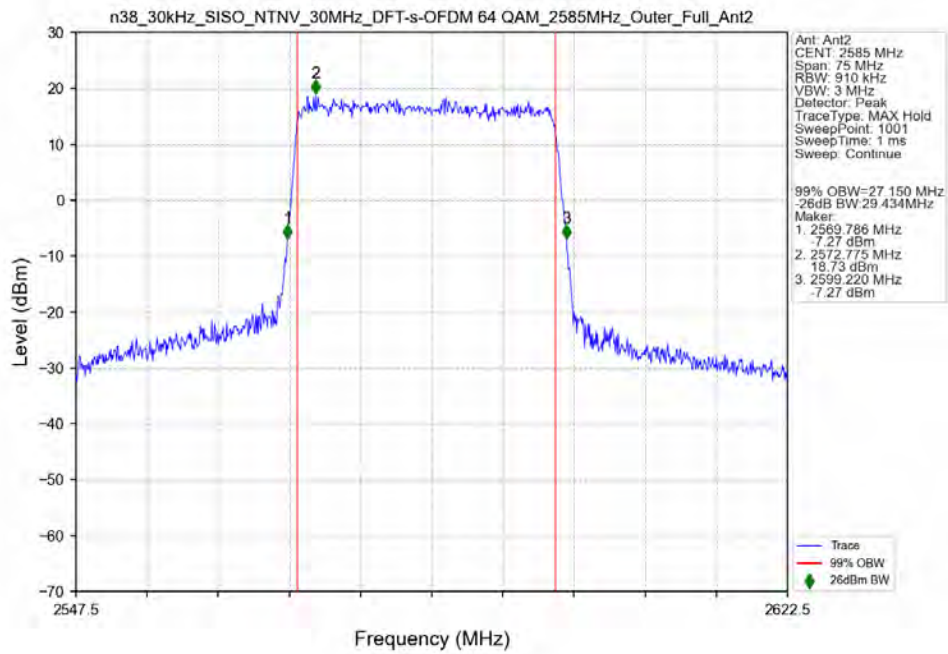
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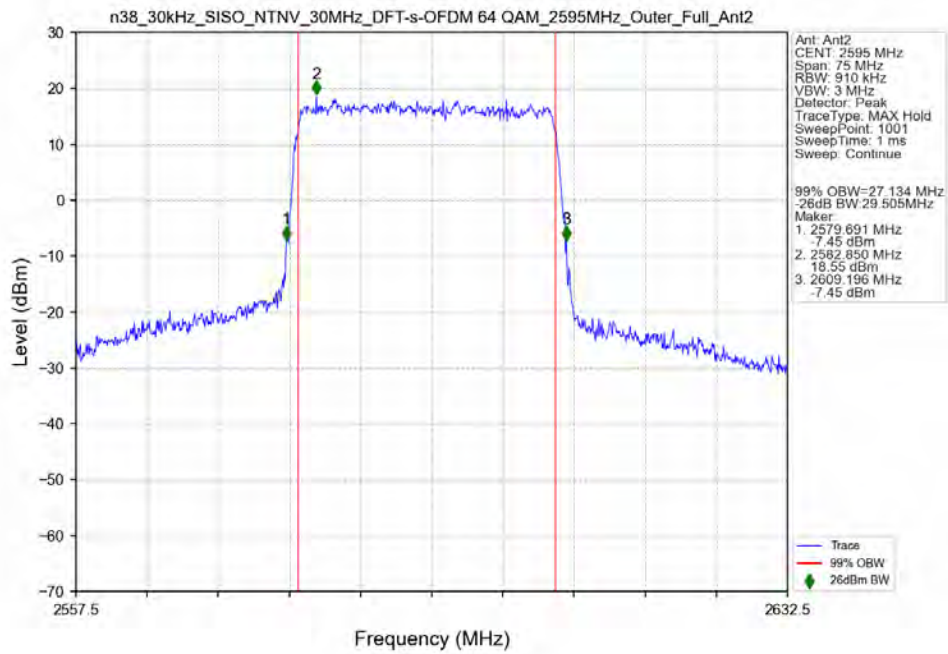
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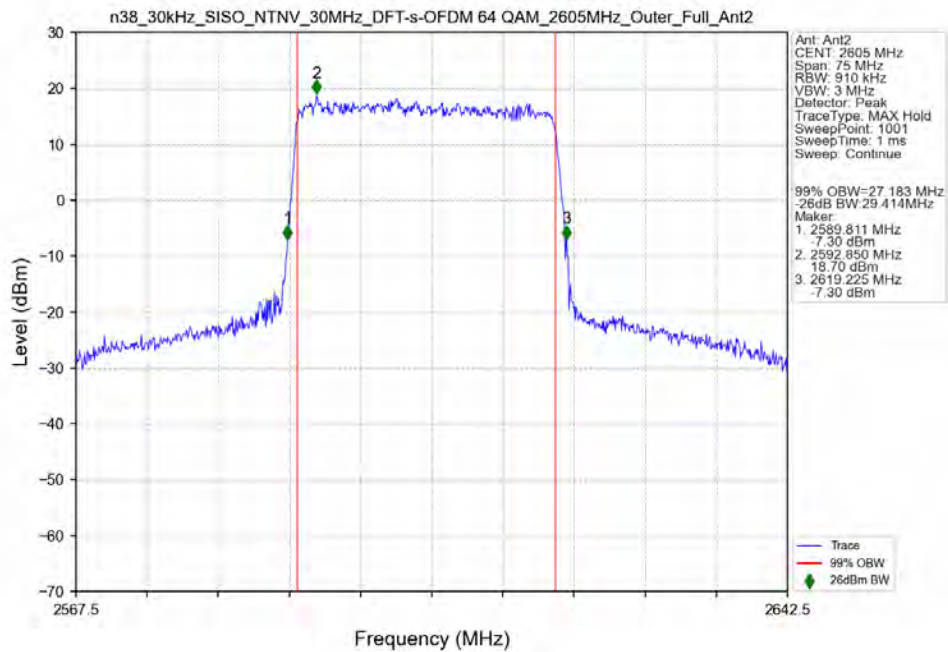
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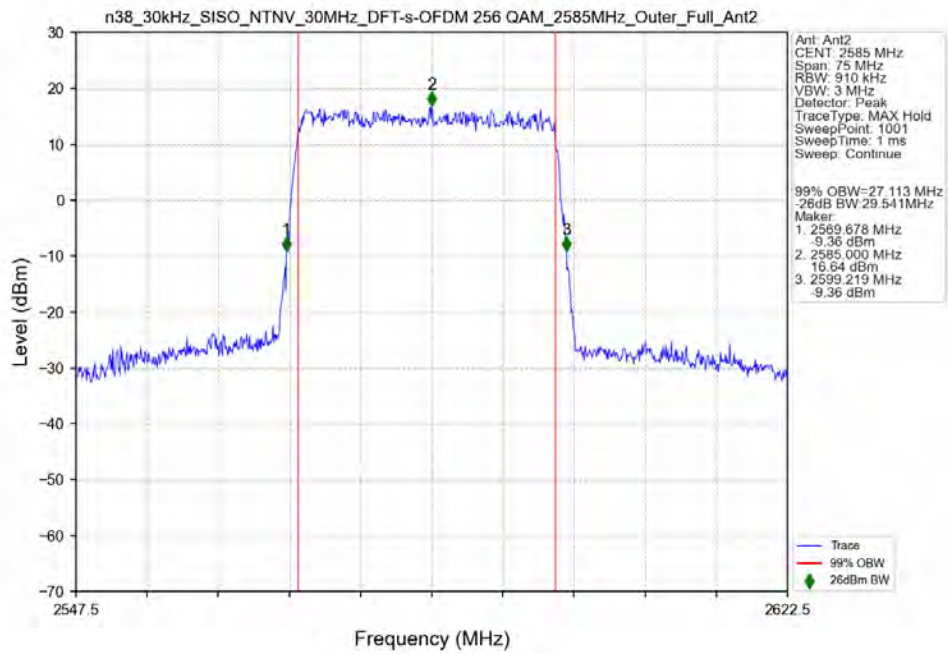
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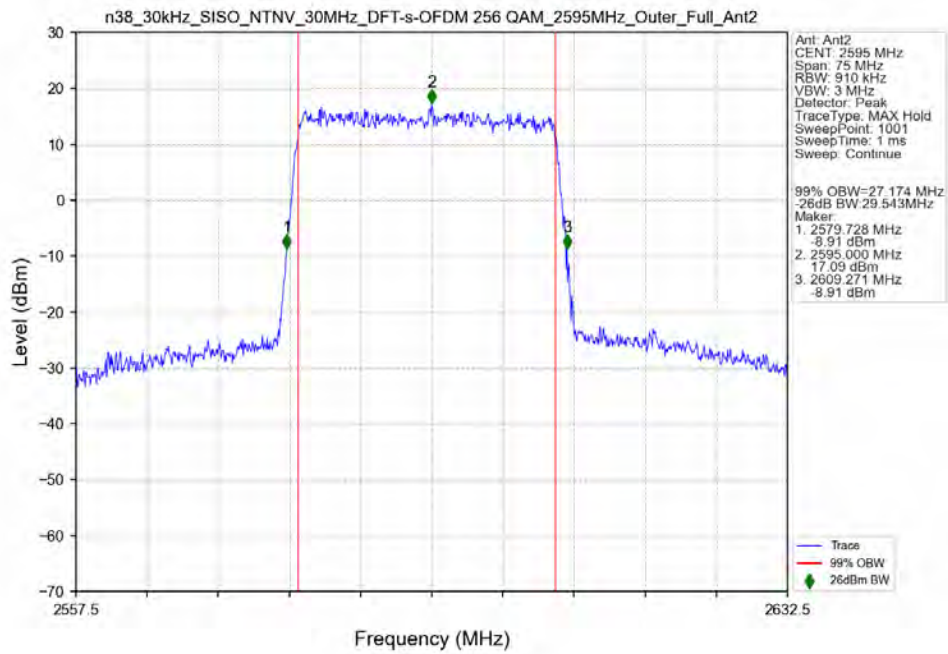
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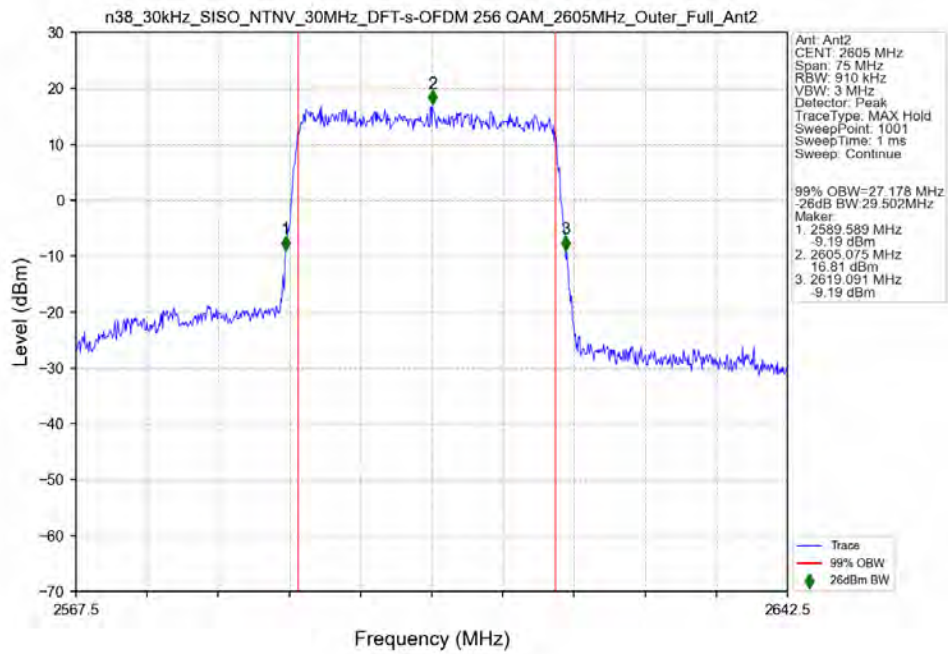
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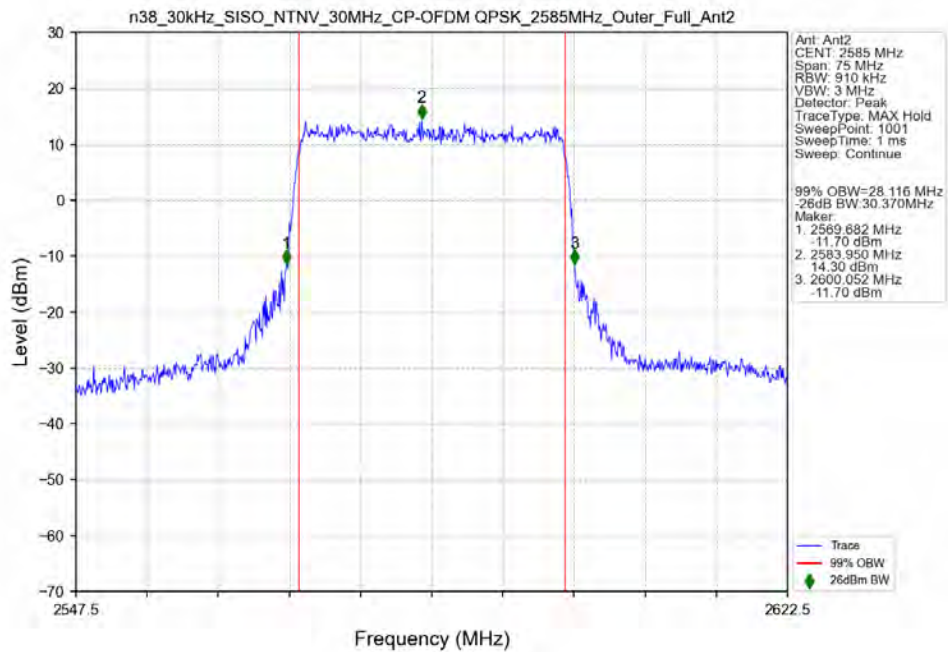
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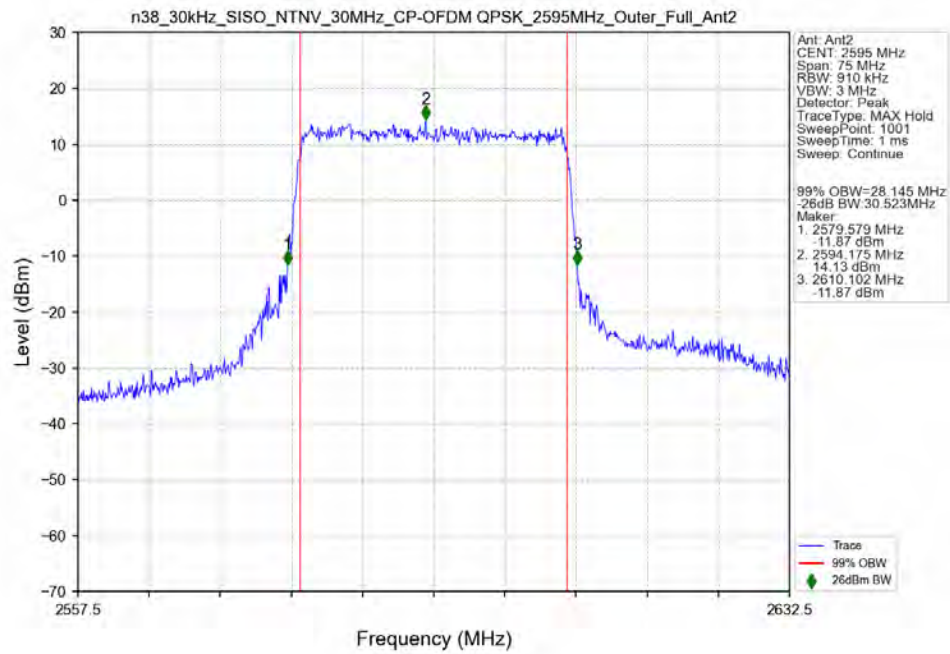
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n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2585MHz_Outer_Full_Ant2



n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2595MHz_Outer_Full_Ant2



n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2605MHz_Outer_Full_Ant2

