

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2501.01	Edge 1RB Left	21.07	/	/	20.60	/	/	<=33	Pass
		Edge 1RB Right	21.67	/	/	21.20	/	/	<=33	Pass
		Outer Full	21.24	/	/	20.77	/	/	<=33	Pass
		Inner Full	21.27	/	/	20.80	/	/	<=33	Pass
		Inner 1RB Left	20.99	/	/	20.52	/	/	<=33	Pass
		Inner 1RB Right	21.78	/	/	21.31	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.43	/	/	19.96	/	/	<=33	Pass
		Edge 1RB Right	19.46	/	/	18.99	/	/	<=33	Pass
		Outer Full	19.79	/	/	19.32	/	/	<=33	Pass
		Inner Full	19.66	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Left	20.20	/	/	19.73	/	/	<=33	Pass
		Inner 1RB Right	19.55	/	/	19.08	/	/	<=33	Pass
	2685	Edge 1RB Left	21.54	/	/	21.07	/	/	<=33	Pass
		Edge 1RB Right	21.82	/	/	21.35	/	/	<=33	Pass
		Outer Full	21.60	/	/	21.13	/	/	<=33	Pass
		Inner Full	21.62	/	/	21.15	/	/	<=33	Pass
		Inner 1RB Left	21.35	/	/	20.88	/	/	<=33	Pass
		Inner 1RB Right	22.14	/	/	21.67	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2501.01	Edge 1RB Left	21.11	/	/	20.64	/	/	<=33	Pass
		Edge 1RB Right	21.73	/	/	21.26	/	/	<=33	Pass
		Outer Full	21.34	/	/	20.87	/	/	<=33	Pass
		Inner Full	21.35	/	/	20.88	/	/	<=33	Pass
		Inner 1RB Left	20.98	/	/	20.51	/	/	<=33	Pass
		Inner 1RB Right	21.80	/	/	21.33	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.46	/	/	19.99	/	/	<=33	Pass
		Edge 1RB Right	19.46	/	/	18.99	/	/	<=33	Pass
		Outer Full	19.72	/	/	19.25	/	/	<=33	Pass
		Inner Full	19.65	/	/	19.18	/	/	<=33	Pass
		Inner 1RB Left	20.26	/	/	19.79	/	/	<=33	Pass
		Inner 1RB Right	19.58	/	/	19.11	/	/	<=33	Pass
	2685	Edge 1RB Left	21.60	/	/	21.13	/	/	<=33	Pass
		Edge 1RB Right	21.90	/	/	21.43	/	/	<=33	Pass
		Outer Full	21.68	/	/	21.21	/	/	<=33	Pass
		Inner Full	21.62	/	/	21.15	/	/	<=33	Pass
		Inner 1RB Left	21.40	/	/	20.93	/	/	<=33	Pass
		Inner 1RB Right	22.17	/	/	21.70	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2501.01	Edge 1RB Left	21.30	/	/	20.83	/	/	<=33	Pass
		Edge 1RB Right	21.95	/	/	21.48	/	/	<=33	Pass
		Outer Full	21.40	/	/	20.93	/	/	<=33	Pass
		Inner Full	21.34	/	/	20.87	/	/	<=33	Pass
		Inner 1RB Left	21.21	/	/	20.74	/	/	<=33	Pass
		Inner 1RB Right	22.05	/	/	21.58	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.43	/	/	19.96	/	/	<=33	Pass
		Edge 1RB Right	19.44	/	/	18.97	/	/	<=33	Pass
		Outer Full	19.71	/	/	19.24	/	/	<=33	Pass
		Inner Full	19.59	/	/	19.12	/	/	<=33	Pass
		Inner 1RB Left	20.21	/	/	19.74	/	/	<=33	Pass
		Inner 1RB Right	19.54	/	/	19.07	/	/	<=33	Pass

	2685	Edge_1RB_Left	21.65	/	/	21.18	/	/	<=33	Pass
		Edge_1RB_Right	21.98	/	/	21.51	/	/	<=33	Pass
		Outer_Full	21.67	/	/	21.20	/	/	<=33	Pass
		Inner_Full	21.46	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	21.02	/	/	<=33	Pass
		Inner_1RB_Right	22.13	/	/	21.66	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2501.01	Edge_1RB_Left	20.03	/	/	19.56	/	/	<=33	Pass
		Edge_1RB_Right	20.66	/	/	20.19	/	/	<=33	Pass
		Outer_Full	19.85	/	/	19.38	/	/	<=33	Pass
		Inner_Full	20.39	/	/	19.92	/	/	<=33	Pass
		Inner_1RB_Left	19.90	/	/	19.43	/	/	<=33	Pass
		Inner_1RB_Right	20.89	/	/	20.42	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.16	/	/	18.69	/	/	<=33	Pass
		Edge_1RB_Right	18.15	/	/	17.68	/	/	<=33	Pass
		Outer_Full	18.17	/	/	17.70	/	/	<=33	Pass
		Inner_Full	18.50	/	/	18.03	/	/	<=33	Pass
		Inner_1RB_Left	18.95	/	/	18.48	/	/	<=33	Pass
		Inner_1RB_Right	18.31	/	/	17.84	/	/	<=33	Pass
	2685	Edge_1RB_Left	20.25	/	/	19.78	/	/	<=33	Pass
		Edge_1RB_Right	20.57	/	/	20.10	/	/	<=33	Pass
		Outer_Full	19.93	/	/	19.46	/	/	<=33	Pass
		Inner_Full	20.32	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Left	20.08	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Right	20.73	/	/	20.26	/	/	<=33	Pass
CP-OFDM QPSK	2501.01	Edge_1RB_Left	21.12	/	/	20.65	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	21.41	/	/	<=33	Pass
		Outer_Full	21.49	/	/	21.02	/	/	<=33	Pass
		Inner_Full	21.44	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Left	21.05	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Right	21.92	/	/	21.45	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.29	/	/	19.82	/	/	<=33	Pass
		Edge_1RB_Right	19.32	/	/	18.85	/	/	<=33	Pass
		Outer_Full	19.61	/	/	19.14	/	/	<=33	Pass
		Inner_Full	19.54	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	20.08	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Right	19.41	/	/	18.94	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.42	/	/	20.95	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	21.32	/	/	<=33	Pass
		Outer_Full	21.48	/	/	21.01	/	/	<=33	Pass
		Inner_Full	21.40	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Left	21.27	/	/	20.80	/	/	<=33	Pass
		Inner_1RB_Right	21.91	/	/	21.44	/	/	<=33	Pass
CP-OFDM 16 QAM	2501.01	Edge_1RB_Left	21.09	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	21.37	/	/	<=33	Pass
		Outer_Full	21.46	/	/	20.99	/	/	<=33	Pass
		Inner_Full	21.43	/	/	20.96	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	21.42	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.37	/	/	19.90	/	/	<=33	Pass
		Edge_1RB_Right	19.41	/	/	18.94	/	/	<=33	Pass
		Outer_Full	19.60	/	/	19.13	/	/	<=33	Pass
		Inner_Full	19.57	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Left	20.17	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Right	19.49	/	/	19.02	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.49	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	21.42	/	/	<=33	Pass
		Outer_Full	21.45	/	/	20.98	/	/	<=33	Pass
		Inner_Full	21.44	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Left	21.38	/	/	20.91	/	/	<=33	Pass

		Inner_1RB_Right	22.02	/	/	21.55	/	/	<=33	Pass
CP-OFDM 64 QAM	2501.01	Edge_1RB_Left	21.43	/	/	20.96	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	21.70	/	/	<=33	Pass
		Outer_Full	21.00	/	/	20.53	/	/	<=33	Pass
		Inner_Full	21.44	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Left	21.34	/	/	20.87	/	/	<=33	Pass
		Inner_1RB_Right	22.23	/	/	21.76	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.40	/	/	19.93	/	/	<=33	Pass
		Edge_1RB_Right	19.42	/	/	18.95	/	/	<=33	Pass
		Outer_Full	19.22	/	/	18.75	/	/	<=33	Pass
		Inner_Full	19.54	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Right	19.53	/	/	19.06	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.54	/	/	21.07	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	21.44	/	/	<=33	Pass
		Outer_Full	21.03	/	/	20.56	/	/	<=33	Pass
		Inner_Full	21.42	/	/	20.95	/	/	<=33	Pass
		Inner_1RB_Left	21.38	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	21.57	/	/	<=33	Pass
CP-OFDM 256 QAM	2501.01	Edge_1RB_Left	18.65	/	/	18.18	/	/	<=33	Pass
		Edge_1RB_Right	19.33	/	/	18.86	/	/	<=33	Pass
		Outer_Full	18.35	/	/	17.88	/	/	<=33	Pass
		Inner_Full	18.79	/	/	18.32	/	/	<=33	Pass
		Inner_1RB_Left	18.52	/	/	18.05	/	/	<=33	Pass
		Inner_1RB_Right	19.39	/	/	18.92	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	17.79	/	/	17.32	/	/	<=33	Pass
		Edge_1RB_Right	16.82	/	/	16.35	/	/	<=33	Pass
		Outer_Full	16.66	/	/	16.19	/	/	<=33	Pass
		Inner_Full	16.78	/	/	16.31	/	/	<=33	Pass
		Inner_1RB_Left	17.57	/	/	17.10	/	/	<=33	Pass
		Inner_1RB_Right	16.93	/	/	16.46	/	/	<=33	Pass
	2685	Edge_1RB_Left	18.82	/	/	18.35	/	/	<=33	Pass
		Edge_1RB_Right	19.17	/	/	18.70	/	/	<=33	Pass
		Outer_Full	18.39	/	/	17.92	/	/	<=33	Pass
		Inner_Full	18.83	/	/	18.36	/	/	<=33	Pass
		Inner_1RB_Left	18.66	/	/	18.19	/	/	<=33	Pass
		Inner_1RB_Right	19.34	/	/	18.87	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -0.47dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2503.5	Edge 1RB Left	21.71	/	/	21.24	/	/	<=33	Pass
		Edge 1RB Right	23.14	/	/	22.67	/	/	<=33	Pass
		Outer Full	21.96	/	/	21.49	/	/	<=33	Pass
		Inner Full	21.73	/	/	21.26	/	/	<=33	Pass
		Inner 1RB Left	21.70	/	/	21.23	/	/	<=33	Pass
		Inner 1RB Right	22.93	/	/	22.46	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.75	/	/	20.28	/	/	<=33	Pass
		Edge 1RB Right	19.60	/	/	19.13	/	/	<=33	Pass
		Outer Full	19.73	/	/	19.26	/	/	<=33	Pass
		Inner Full	19.49	/	/	19.02	/	/	<=33	Pass
		Inner 1RB Left	20.64	/	/	20.17	/	/	<=33	Pass
		Inner 1RB Right	19.61	/	/	19.14	/	/	<=33	Pass

	2682.48	Edge_1RB_Left	21.59	/	/	21.12	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	22.39	/	/	<=33	Pass
		Outer_Full	21.75	/	/	21.28	/	/	<=33	Pass
		Inner_Full	21.54	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	21.54	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	22.26	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2503.5	Edge_1RB_Left	21.72	/	/	21.25	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	22.71	/	/	<=33	Pass
		Outer_Full	21.91	/	/	21.44	/	/	<=33	Pass
		Inner_Full	21.70	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	21.27	/	/	<=33	Pass
		Inner_1RB_Right	22.98	/	/	22.51	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.80	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	19.64	/	/	19.17	/	/	<=33	Pass
		Outer_Full	19.83	/	/	19.36	/	/	<=33	Pass
		Inner_Full	19.59	/	/	19.12	/	/	<=33	Pass
		Inner_1RB_Left	20.71	/	/	20.24	/	/	<=33	Pass
		Inner_1RB_Right	19.53	/	/	19.06	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	21.51	/	/	21.04	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.31	/	/	<=33	Pass
		Outer_Full	21.71	/	/	21.24	/	/	<=33	Pass
		Inner_Full	21.50	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Left	21.47	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Right	22.68	/	/	22.21	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2503.5	Edge_1RB_Left	21.69	/	/	21.22	/	/	<=33	Pass
		Edge_1RB_Right	23.14	/	/	22.67	/	/	<=33	Pass
		Outer_Full	21.90	/	/	21.43	/	/	<=33	Pass
		Inner_Full	21.72	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	21.22	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	22.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.72	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	19.61	/	/	19.14	/	/	<=33	Pass
		Outer_Full	19.83	/	/	19.36	/	/	<=33	Pass
		Inner_Full	19.61	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Left	20.57	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Right	19.50	/	/	19.03	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	21.68	/	/	21.21	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	22.47	/	/	<=33	Pass
		Outer_Full	21.71	/	/	21.24	/	/	<=33	Pass
		Inner_Full	21.50	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	21.17	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	22.36	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2503.5	Edge_1RB_Left	20.34	/	/	19.87	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	21.32	/	/	<=33	Pass
		Outer_Full	20.18	/	/	19.71	/	/	<=33	Pass
		Inner_Full	20.46	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Left	20.36	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Right	21.59	/	/	21.12	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.73	/	/	19.26	/	/	<=33	Pass
		Edge_1RB_Right	18.56	/	/	18.09	/	/	<=33	Pass
		Outer_Full	18.20	/	/	17.73	/	/	<=33	Pass
		Inner_Full	18.42	/	/	17.95	/	/	<=33	Pass
		Inner_1RB_Left	19.61	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Right	18.44	/	/	17.97	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	20.32	/	/	19.85	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	21.13	/	/	<=33	Pass
		Outer_Full	20.06	/	/	19.59	/	/	<=33	Pass
		Inner_Full	20.32	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Left	20.28	/	/	19.81	/	/	<=33	Pass

CP-OFDM QPSK	2503.5	Inner_1RB_Right	21.48	/	/	21.01	/	/	<=33	Pass
		Edge_1RB_Left	21.55	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	22.60	/	/	<=33	Pass
		Outer_Full	21.92	/	/	21.45	/	/	<=33	Pass
		Inner_Full	21.68	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Left	21.59	/	/	21.12	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	22.91	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Left	20.72	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	19.49	/	/	19.02	/	/	<=33	Pass
		Outer_Full	19.72	/	/	19.25	/	/	<=33	Pass
		Inner_Full	19.48	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Left	20.63	/	/	20.16	/	/	<=33	Pass
	2682.48	Inner_1RB_Right	19.44	/	/	18.97	/	/	<=33	Pass
		Edge_1RB_Left	21.39	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.22	/	/	<=33	Pass
		Outer_Full	21.72	/	/	21.25	/	/	<=33	Pass
		Inner_Full	21.47	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	21.37	/	/	20.90	/	/	<=33	Pass
CP-OFDM 16 QAM	2503.5	Inner_1RB_Right	22.61	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Left	21.65	/	/	21.18	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	22.69	/	/	<=33	Pass
		Outer_Full	21.91	/	/	21.44	/	/	<=33	Pass
		Inner_Full	21.65	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	21.21	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	23.00	/	/	22.53	/	/	<=33	Pass
		Edge_1RB_Left	20.68	/	/	20.21	/	/	<=33	Pass
		Edge_1RB_Right	19.43	/	/	18.96	/	/	<=33	Pass
		Outer_Full	19.70	/	/	19.23	/	/	<=33	Pass
		Inner_Full	19.47	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Left	20.59	/	/	20.12	/	/	<=33	Pass
	2682.48	Inner_1RB_Right	19.39	/	/	18.92	/	/	<=33	Pass
		Edge_1RB_Left	21.36	/	/	20.89	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	22.17	/	/	<=33	Pass
		Outer_Full	21.69	/	/	21.22	/	/	<=33	Pass
		Inner_Full	21.45	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Left	21.35	/	/	20.88	/	/	<=33	Pass
CP-OFDM 64 QAM	2503.5	Inner_1RB_Right	22.59	/	/	22.12	/	/	<=33	Pass
		Edge_1RB_Left	21.67	/	/	21.20	/	/	<=33	Pass
		Edge_1RB_Right	23.19	/	/	22.72	/	/	<=33	Pass
		Outer_Full	21.48	/	/	21.01	/	/	<=33	Pass
		Inner_Full	21.69	/	/	21.22	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	21.24	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	23.04	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Left	20.79	/	/	20.32	/	/	<=33	Pass
		Edge_1RB_Right	19.53	/	/	19.06	/	/	<=33	Pass
		Outer_Full	19.30	/	/	18.83	/	/	<=33	Pass
		Inner_Full	19.39	/	/	18.92	/	/	<=33	Pass
		Inner_1RB_Left	20.61	/	/	20.14	/	/	<=33	Pass
	2682.48	Inner_1RB_Right	19.41	/	/	18.94	/	/	<=33	Pass
		Edge_1RB_Left	21.70	/	/	21.23	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	22.52	/	/	<=33	Pass
		Outer_Full	21.28	/	/	20.81	/	/	<=33	Pass
		Inner_Full	21.48	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	21.20	/	/	<=33	Pass
CP-OFDM 256 QAM	2503.5	Inner_1RB_Right	22.91	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Left	18.90	/	/	18.43	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	19.89	/	/	<=33	Pass
		Outer_Full	18.65	/	/	18.18	/	/	<=33	Pass
		Inner_Full	18.95	/	/	18.48	/	/	<=33	Pass

		Inner_1RB_Left	18.91	/	/	18.44	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	19.72	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.01	/	/	17.54	/	/	<=33	Pass
		Edge_1RB_Right	16.86	/	/	16.39	/	/	<=33	Pass
		Outer_Full	16.44	/	/	15.97	/	/	<=33	Pass
		Inner_Full	16.73	/	/	16.26	/	/	<=33	Pass
		Inner_1RB_Left	17.91	/	/	17.44	/	/	<=33	Pass
		Inner_1RB_Right	16.78	/	/	16.31	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	18.86	/	/	18.39	/	/	<=33	Pass
		Edge_1RB_Right	20.19	/	/	19.72	/	/	<=33	Pass
		Outer_Full	18.58	/	/	18.11	/	/	<=33	Pass
		Inner_Full	18.86	/	/	18.39	/	/	<=33	Pass
		Inner_1RB_Left	18.84	/	/	18.37	/	/	<=33	Pass
		Inner_1RB_Right	20.11	/	/	19.64	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -0.47dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2506.02	Edge 1RB Left	21.81	/	/	21.34	/	/	<=33	Pass
		Edge 1RB Right	23.61	/	/	23.14	/	/	<=33	Pass
		Outer Full	22.20	/	/	21.73	/	/	<=33	Pass
		Inner Full	21.82	/	/	21.35	/	/	<=33	Pass
		Inner 1RB Left	21.84	/	/	21.37	/	/	<=33	Pass
		Inner 1RB Right	23.43	/	/	22.96	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.42	/	/	20.95	/	/	<=33	Pass
		Edge 1RB Right	19.78	/	/	19.31	/	/	<=33	Pass
		Outer Full	20.02	/	/	19.55	/	/	<=33	Pass
		Inner Full	19.66	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Left	21.35	/	/	20.88	/	/	<=33	Pass
		Inner 1RB Right	19.68	/	/	19.21	/	/	<=33	Pass
	2679.99	Edge 1RB Left	21.05	/	/	20.58	/	/	<=33	Pass
		Edge 1RB Right	22.85	/	/	22.38	/	/	<=33	Pass
		Outer Full	21.49	/	/	21.02	/	/	<=33	Pass
		Inner Full	21.12	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Left	21.09	/	/	20.62	/	/	<=33	Pass
		Inner 1RB Right	22.77	/	/	22.30	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Edge 1RB Left	21.79	/	/	21.32	/	/	<=33	Pass
		Edge 1RB Right	23.61	/	/	23.14	/	/	<=33	Pass
		Outer Full	22.17	/	/	21.70	/	/	<=33	Pass
		Inner Full	21.77	/	/	21.30	/	/	<=33	Pass
		Inner 1RB Left	21.85	/	/	21.38	/	/	<=33	Pass
		Inner 1RB Right	23.45	/	/	22.98	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.31	/	/	20.84	/	/	<=33	Pass
		Edge 1RB Right	19.64	/	/	19.17	/	/	<=33	Pass
		Outer Full	19.97	/	/	19.50	/	/	<=33	Pass
		Inner Full	19.70	/	/	19.23	/	/	<=33	Pass
		Inner 1RB Left	21.27	/	/	20.80	/	/	<=33	Pass
		Inner 1RB Right	19.66	/	/	19.19	/	/	<=33	Pass
	2679.99	Edge 1RB Left	21.06	/	/	20.59	/	/	<=33	Pass
		Edge 1RB Right	22.87	/	/	22.40	/	/	<=33	Pass
		Outer Full	21.44	/	/	20.97	/	/	<=33	Pass
		Inner Full	21.08	/	/	20.61	/	/	<=33	Pass
		Inner 1RB Left	21.11	/	/	20.64	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	2506.02	Inner_1RB_Right	22.79	/	/	22.32	/	/	<=33	Pass
		Edge_1RB_Left	21.78	/	/	21.31	/	/	<=33	Pass
		Edge_1RB_Right	23.59	/	/	23.12	/	/	<=33	Pass
		Outer_Full	22.11	/	/	21.64	/	/	<=33	Pass
		Inner_Full	21.78	/	/	21.31	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	21.36	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	23.43	/	/	22.96	/	/	<=33	Pass
		Edge_1RB_Left	21.37	/	/	20.90	/	/	<=33	Pass
		Edge_1RB_Right	19.66	/	/	19.19	/	/	<=33	Pass
		Outer_Full	20.02	/	/	19.55	/	/	<=33	Pass
		Inner_Full	19.70	/	/	19.23	/	/	<=33	Pass
		Inner_1RB_Left	21.31	/	/	20.84	/	/	<=33	Pass
	2679.99	Inner_1RB_Right	19.68	/	/	19.21	/	/	<=33	Pass
		Edge_1RB_Left	21.14	/	/	20.67	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.33	/	/	<=33	Pass
		Outer_Full	21.41	/	/	20.94	/	/	<=33	Pass
		Inner_Full	21.09	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Left	21.05	/	/	20.58	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2506.02	Inner_1RB_Right	22.74	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Left	20.62	/	/	20.15	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	21.95	/	/	<=33	Pass
		Outer_Full	20.39	/	/	19.92	/	/	<=33	Pass
		Inner_Full	20.47	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Left	20.68	/	/	20.21	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	22.26	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Left	20.26	/	/	19.79	/	/	<=33	Pass
		Edge_1RB_Right	18.61	/	/	18.14	/	/	<=33	Pass
		Outer_Full	18.39	/	/	17.92	/	/	<=33	Pass
		Inner_Full	18.46	/	/	17.99	/	/	<=33	Pass
		Inner_1RB_Left	20.21	/	/	19.74	/	/	<=33	Pass
	2679.99	Inner_1RB_Right	18.51	/	/	18.04	/	/	<=33	Pass
		Edge_1RB_Left	19.72	/	/	19.25	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	21.07	/	/	<=33	Pass
		Outer_Full	19.78	/	/	19.31	/	/	<=33	Pass
		Inner_Full	19.85	/	/	19.38	/	/	<=33	Pass
		Inner_1RB_Left	19.76	/	/	19.29	/	/	<=33	Pass
CP-OFDM QPSK	2506.02	Inner_1RB_Right	21.46	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Left	21.65	/	/	21.18	/	/	<=33	Pass
		Edge_1RB_Right	23.54	/	/	23.07	/	/	<=33	Pass
		Outer_Full	22.09	/	/	21.62	/	/	<=33	Pass
		Inner_Full	21.66	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	21.26	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	23.36	/	/	22.89	/	/	<=33	Pass
		Edge_1RB_Left	21.22	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	19.48	/	/	19.01	/	/	<=33	Pass
		Outer_Full	19.82	/	/	19.35	/	/	<=33	Pass
		Inner_Full	19.48	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Left	21.18	/	/	20.71	/	/	<=33	Pass
	2679.99	Inner_1RB_Right	19.38	/	/	18.91	/	/	<=33	Pass
		Edge_1RB_Left	21.00	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.22	/	/	<=33	Pass
		Outer_Full	21.36	/	/	20.89	/	/	<=33	Pass
		Inner_Full	20.99	/	/	20.52	/	/	<=33	Pass
		Inner_1RB_Left	20.93	/	/	20.46	/	/	<=33	Pass
CP-OFDM 16 QAM	2506.02	Inner_1RB_Right	22.62	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Left	21.60	/	/	21.13	/	/	<=33	Pass
		Edge_1RB_Right	23.49	/	/	23.02	/	/	<=33	Pass
		Outer_Full	22.07	/	/	21.60	/	/	<=33	Pass
		Inner_Full	21.64	/	/	21.17	/	/	<=33	Pass

		Inner_1RB_Left	21.68	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	23.31	/	/	22.84	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.15	/	/	20.68	/	/	<=33	Pass
		Edge_1RB_Right	19.43	/	/	18.96	/	/	<=33	Pass
		Outer_Full	19.83	/	/	19.36	/	/	<=33	Pass
		Inner_Full	19.48	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Left	21.12	/	/	20.65	/	/	<=33	Pass
		Inner_1RB_Right	19.33	/	/	18.86	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	20.95	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.29	/	/	<=33	Pass
		Outer_Full	21.37	/	/	20.90	/	/	<=33	Pass
		Inner_Full	20.96	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	22.18	/	/	<=33	Pass
CP-OFDM 64 QAM	2506.02	Edge_1RB_Left	21.71	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Right	23.59	/	/	23.12	/	/	<=33	Pass
		Outer_Full	21.60	/	/	21.13	/	/	<=33	Pass
		Inner_Full	21.64	/	/	21.17	/	/	<=33	Pass
		Inner_1RB_Left	21.79	/	/	21.32	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	22.95	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.25	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	19.52	/	/	19.05	/	/	<=33	Pass
		Outer_Full	19.40	/	/	18.93	/	/	<=33	Pass
		Inner_Full	19.51	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Right	19.43	/	/	18.96	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	20.98	/	/	20.51	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.33	/	/	<=33	Pass
		Outer_Full	20.93	/	/	20.46	/	/	<=33	Pass
		Inner_Full	20.98	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Left	21.05	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	22.26	/	/	<=33	Pass
CP-OFDM 256 QAM	2506.02	Edge_1RB_Left	19.03	/	/	18.56	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	20.40	/	/	<=33	Pass
		Outer_Full	18.80	/	/	18.33	/	/	<=33	Pass
		Inner_Full	18.88	/	/	18.41	/	/	<=33	Pass
		Inner_1RB_Left	19.15	/	/	18.68	/	/	<=33	Pass
		Inner_1RB_Right	20.72	/	/	20.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.73	/	/	18.26	/	/	<=33	Pass
		Edge_1RB_Right	17.09	/	/	16.62	/	/	<=33	Pass
		Outer_Full	16.82	/	/	16.35	/	/	<=33	Pass
		Inner_Full	16.93	/	/	16.46	/	/	<=33	Pass
		Inner_1RB_Left	18.69	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Right	16.99	/	/	16.52	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	18.25	/	/	17.78	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	19.61	/	/	<=33	Pass
		Outer_Full	18.24	/	/	17.77	/	/	<=33	Pass
		Inner_Full	18.32	/	/	17.85	/	/	<=33	Pass
		Inner_1RB_Left	18.32	/	/	17.85	/	/	<=33	Pass
		Inner_1RB_Right	20.01	/	/	19.54	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -0.47dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_30MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 30MHz NTNv					
Modulation	Frequency	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2511	Edge 1RB Left	20.32	/	/	19.85	/	/	<=33	Pass
		Edge 1RB Right	19.55	/	/	19.08	/	/	<=33	Pass
		Outer Full	19.25	/	/	18.78	/	/	<=33	Pass
		Inner Full	18.89	/	/	18.42	/	/	<=33	Pass
		Inner 1RB Left	20.19	/	/	19.72	/	/	<=33	Pass
		Inner 1RB Right	19.67	/	/	19.20	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.11	/	/	20.64	/	/	<=33	Pass
		Edge 1RB Right	21.60	/	/	21.13	/	/	<=33	Pass
		Outer Full	20.69	/	/	20.22	/	/	<=33	Pass
		Inner Full	20.33	/	/	19.86	/	/	<=33	Pass
		Inner 1RB Left	20.99	/	/	20.52	/	/	<=33	Pass
		Inner 1RB Right	21.62	/	/	21.15	/	/	<=33	Pass
	2674.98	Edge 1RB Left	21.32	/	/	20.85	/	/	<=33	Pass
		Edge 1RB Right	20.83	/	/	20.36	/	/	<=33	Pass
		Outer Full	20.34	/	/	19.87	/	/	<=33	Pass
		Inner Full	19.93	/	/	19.46	/	/	<=33	Pass
		Inner 1RB Left	21.17	/	/	20.70	/	/	<=33	Pass
		Inner 1RB Right	20.90	/	/	20.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Edge 1RB Left	20.28	/	/	19.81	/	/	<=33	Pass
		Edge 1RB Right	19.50	/	/	19.03	/	/	<=33	Pass
		Outer Full	19.21	/	/	18.74	/	/	<=33	Pass
		Inner Full	18.83	/	/	18.36	/	/	<=33	Pass
		Inner 1RB Left	20.16	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Right	19.54	/	/	19.07	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.98	/	/	20.51	/	/	<=33	Pass
		Edge 1RB Right	21.45	/	/	20.98	/	/	<=33	Pass
		Outer Full	20.62	/	/	20.15	/	/	<=33	Pass
		Inner Full	20.30	/	/	19.83	/	/	<=33	Pass
		Inner 1RB Left	20.86	/	/	20.39	/	/	<=33	Pass
		Inner 1RB Right	21.48	/	/	21.01	/	/	<=33	Pass
	2674.98	Edge 1RB Left	21.10	/	/	20.63	/	/	<=33	Pass
		Edge 1RB Right	20.62	/	/	20.15	/	/	<=33	Pass
		Outer Full	20.26	/	/	19.79	/	/	<=33	Pass
		Inner Full	19.91	/	/	19.44	/	/	<=33	Pass
		Inner 1RB Left	20.96	/	/	20.49	/	/	<=33	Pass
		Inner 1RB Right	20.72	/	/	20.25	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2511	Edge 1RB Left	20.42	/	/	19.95	/	/	<=33	Pass
		Edge 1RB Right	19.65	/	/	19.18	/	/	<=33	Pass
		Outer Full	19.19	/	/	18.72	/	/	<=33	Pass
		Inner Full	18.77	/	/	18.30	/	/	<=33	Pass
		Inner 1RB Left	20.31	/	/	19.84	/	/	<=33	Pass
		Inner 1RB Right	19.67	/	/	19.20	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.13	/	/	20.66	/	/	<=33	Pass
		Edge 1RB Right	21.58	/	/	21.11	/	/	<=33	Pass
		Outer Full	20.61	/	/	20.14	/	/	<=33	Pass
		Inner Full	20.27	/	/	19.80	/	/	<=33	Pass
		Inner 1RB Left	21.03	/	/	20.56	/	/	<=33	Pass
		Inner 1RB Right	21.61	/	/	21.14	/	/	<=33	Pass
	2674.98	Edge 1RB Left	21.23	/	/	20.76	/	/	<=33	Pass
		Edge 1RB Right	20.79	/	/	20.32	/	/	<=33	Pass
		Outer Full	20.26	/	/	19.79	/	/	<=33	Pass
		Inner Full	19.87	/	/	19.40	/	/	<=33	Pass
		Inner 1RB Left	21.10	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Right	20.89	/	/	20.42	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2511	Edge 1RB Left	19.12	/	/	18.65	/	/	<=33	Pass
		Edge 1RB Right	18.32	/	/	17.85	/	/	<=33	Pass
		Outer Full	17.42	/	/	16.95	/	/	<=33	Pass
		Inner Full	17.51	/	/	17.04	/	/	<=33	Pass

		Inner_1RB_Left	19.00	/	/	18.53	/	/	<=33	Pass
		Inner_1RB_Right	18.35	/	/	17.88	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.89	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	19.89	/	/	<=33	Pass
		Outer_Full	19.03	/	/	18.56	/	/	<=33	Pass
		Inner_Full	19.10	/	/	18.63	/	/	<=33	Pass
		Inner_1RB_Left	19.76	/	/	19.29	/	/	<=33	Pass
		Inner_1RB_Right	20.40	/	/	19.93	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	20.05	/	/	19.58	/	/	<=33	Pass
		Edge_1RB_Right	19.56	/	/	19.09	/	/	<=33	Pass
		Outer_Full	18.59	/	/	18.12	/	/	<=33	Pass
		Inner_Full	18.67	/	/	18.20	/	/	<=33	Pass
		Inner_1RB_Left	19.92	/	/	19.45	/	/	<=33	Pass
		Inner_1RB_Right	19.69	/	/	19.22	/	/	<=33	Pass
CP-OFDM QPSK	2511	Edge_1RB_Left	20.19	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	19.48	/	/	19.01	/	/	<=33	Pass
		Outer_Full	19.11	/	/	18.64	/	/	<=33	Pass
		Inner_Full	18.66	/	/	18.19	/	/	<=33	Pass
		Inner_1RB_Left	20.08	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Right	19.49	/	/	19.02	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.92	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	21.34	/	/	20.87	/	/	<=33	Pass
		Outer_Full	20.51	/	/	20.04	/	/	<=33	Pass
		Inner_Full	20.17	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Left	20.83	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Right	21.34	/	/	20.87	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	21.06	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	20.24	/	/	<=33	Pass
		Outer_Full	20.21	/	/	19.74	/	/	<=33	Pass
		Inner_Full	19.80	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Left	20.96	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	20.30	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Edge_1RB_Left	19.97	/	/	19.50	/	/	<=33	Pass
		Edge_1RB_Right	19.26	/	/	18.79	/	/	<=33	Pass
		Outer_Full	19.06	/	/	18.59	/	/	<=33	Pass
		Inner_Full	18.65	/	/	18.18	/	/	<=33	Pass
		Inner_1RB_Left	19.88	/	/	19.41	/	/	<=33	Pass
		Inner_1RB_Right	19.29	/	/	18.82	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.65	/	/	20.18	/	/	<=33	Pass
		Edge_1RB_Right	21.11	/	/	20.64	/	/	<=33	Pass
		Outer_Full	20.50	/	/	20.03	/	/	<=33	Pass
		Inner_Full	20.17	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Left	20.57	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Right	21.09	/	/	20.62	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	20.91	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	20.07	/	/	<=33	Pass
		Outer_Full	20.18	/	/	19.71	/	/	<=33	Pass
		Inner_Full	19.79	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Left	20.79	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Right	20.60	/	/	20.13	/	/	<=33	Pass
CP-OFDM 64 QAM	2511	Edge_1RB_Left	20.25	/	/	19.78	/	/	<=33	Pass
		Edge_1RB_Right	19.56	/	/	19.09	/	/	<=33	Pass
		Outer_Full	18.59	/	/	18.12	/	/	<=33	Pass
		Inner_Full	18.64	/	/	18.17	/	/	<=33	Pass
		Inner_1RB_Left	20.17	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Right	19.58	/	/	19.11	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.95	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	21.39	/	/	20.92	/	/	<=33	Pass
		Outer_Full	20.10	/	/	19.63	/	/	<=33	Pass

CP-OFDM 256 QAM		Inner_Full	20.18	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	21.37	/	/	20.90	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	21.19	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	20.39	/	/	<=33	Pass
		Outer_Full	19.72	/	/	19.25	/	/	<=33	Pass
		Inner_Full	19.79	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Left	21.11	/	/	20.64	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Left	17.70	/	/	17.23	/	/	<=33	Pass
	2511	Edge_1RB_Right	16.93	/	/	16.46	/	/	<=33	Pass
		Outer_Full	15.92	/	/	15.45	/	/	<=33	Pass
		Inner_Full	15.98	/	/	15.51	/	/	<=33	Pass
		Inner_1RB_Left	17.60	/	/	17.13	/	/	<=33	Pass
		Inner_1RB_Right	16.98	/	/	16.51	/	/	<=33	Pass
		Edge_1RB_Left	18.59	/	/	18.12	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	18.57	/	/	<=33	Pass
	2592.99	Outer_Full	17.57	/	/	17.10	/	/	<=33	Pass
		Inner_Full	17.66	/	/	17.19	/	/	<=33	Pass
		Inner_1RB_Left	18.48	/	/	18.01	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	18.59	/	/	<=33	Pass
		Edge_1RB_Left	18.58	/	/	18.11	/	/	<=33	Pass
		Edge_1RB_Right	18.14	/	/	17.67	/	/	<=33	Pass
		Outer_Full	16.97	/	/	16.50	/	/	<=33	Pass
	2674.98	Inner_Full	17.05	/	/	16.58	/	/	<=33	Pass
		Inner_1RB_Left	18.46	/	/	17.99	/	/	<=33	Pass
		Inner_1RB_Right	18.25	/	/	17.78	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: -0.47dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.5 30k_SISO_40MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Left	20.60	/	/	20.13	/	/	<=33	Pass
		Edge_1RB_Right	19.57	/	/	19.10	/	/	<=33	Pass
		Outer_Full	18.95	/	/	18.48	/	/	<=33	Pass
		Inner_Full	18.27	/	/	17.80	/	/	<=33	Pass
		Inner_1RB_Left	20.47	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Right	19.65	/	/	19.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.36	/	/	20.89	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	21.36	/	/	<=33	Pass
		Outer_Full	20.73	/	/	20.26	/	/	<=33	Pass
		Inner_Full	20.22	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Left	21.25	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Right	21.90	/	/	21.43	/	/	<=33	Pass
	2670	Edge_1RB_Left	21.94	/	/	21.47	/	/	<=33	Pass
		Edge_1RB_Right	21.00	/	/	20.53	/	/	<=33	Pass
		Outer_Full	20.58	/	/	20.11	/	/	<=33	Pass
		Inner_Full	19.96	/	/	19.49	/	/	<=33	Pass
		Inner_1RB_Left	21.80	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Right	21.16	/	/	20.69	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Left	20.42	/	/	19.95	/	/	<=33	Pass
		Edge_1RB_Right	19.47	/	/	19.00	/	/	<=33	Pass
		Outer_Full	18.90	/	/	18.43	/	/	<=33	Pass
		Inner_Full	18.26	/	/	17.79	/	/	<=33	Pass

	2592.99	Inner_1RB_Left	20.33	/	/	19.86	/	/	<=33	Pass
		Inner_1RB_Right	19.55	/	/	19.08	/	/	<=33	Pass
		Edge_1RB_Left	21.22	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	21.65	/	/	21.18	/	/	<=33	Pass
		Outer_Full	20.66	/	/	20.19	/	/	<=33	Pass
		Inner_Full	20.18	/	/	19.71	/	/	<=33	Pass
	2670	Inner_1RB_Left	21.13	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	21.27	/	/	<=33	Pass
		Edge_1RB_Left	21.75	/	/	21.28	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	20.40	/	/	<=33	Pass
		Outer_Full	20.49	/	/	20.02	/	/	<=33	Pass
		Inner_Full	19.91	/	/	19.44	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2516.01	Inner_1RB_Left	21.65	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Right	21.04	/	/	20.57	/	/	<=33	Pass
		Edge_1RB_Left	20.54	/	/	20.07	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	19.13	/	/	<=33	Pass
		Outer_Full	18.88	/	/	18.41	/	/	<=33	Pass
		Inner_Full	18.22	/	/	17.75	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	20.47	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Right	19.69	/	/	19.22	/	/	<=33	Pass
		Edge_1RB_Left	21.36	/	/	20.89	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	21.29	/	/	<=33	Pass
		Outer_Full	20.63	/	/	20.16	/	/	<=33	Pass
		Inner_Full	20.15	/	/	19.68	/	/	<=33	Pass
	2670	Inner_1RB_Left	21.27	/	/	20.80	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Left	21.87	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	21.02	/	/	20.55	/	/	<=33	Pass
		Outer_Full	20.45	/	/	19.98	/	/	<=33	Pass
		Inner_Full	19.86	/	/	19.39	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2516.01	Inner_1RB_Left	21.77	/	/	21.30	/	/	<=33	Pass
		Inner_1RB_Right	21.19	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Left	19.38	/	/	18.91	/	/	<=33	Pass
		Edge_1RB_Right	18.42	/	/	17.95	/	/	<=33	Pass
		Outer_Full	17.24	/	/	16.77	/	/	<=33	Pass
		Inner_Full	17.02	/	/	16.55	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	19.29	/	/	18.82	/	/	<=33	Pass
		Inner_1RB_Right	18.51	/	/	18.04	/	/	<=33	Pass
		Edge_1RB_Left	20.18	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	20.15	/	/	<=33	Pass
		Outer_Full	19.07	/	/	18.60	/	/	<=33	Pass
		Inner_Full	19.00	/	/	18.53	/	/	<=33	Pass
	2670	Inner_1RB_Left	20.09	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Right	20.71	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Left	20.64	/	/	20.17	/	/	<=33	Pass
		Edge_1RB_Right	19.69	/	/	19.22	/	/	<=33	Pass
		Outer_Full	18.80	/	/	18.33	/	/	<=33	Pass
		Inner_Full	18.65	/	/	18.18	/	/	<=33	Pass
CP-OFDM QPSK	2516.01	Inner_1RB_Left	20.54	/	/	20.07	/	/	<=33	Pass
		Inner_1RB_Right	19.89	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Left	20.39	/	/	19.92	/	/	<=33	Pass
		Edge_1RB_Right	19.53	/	/	19.06	/	/	<=33	Pass
		Outer_Full	18.95	/	/	18.48	/	/	<=33	Pass
		Inner_Full	18.23	/	/	17.76	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	20.32	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Right	19.63	/	/	19.16	/	/	<=33	Pass
		Edge_1RB_Left	21.17	/	/	20.70	/	/	<=33	Pass
		Edge_1RB_Right	21.52	/	/	21.05	/	/	<=33	Pass
		Outer_Full	20.60	/	/	20.13	/	/	<=33	Pass

		Inner_Full	20.09	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	20.63	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	21.14	/	/	<=33	Pass
	2670	Edge_1RB_Left	21.58	/	/	21.11	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	20.35	/	/	<=33	Pass
		Outer_Full	20.42	/	/	19.95	/	/	<=33	Pass
		Inner_Full	19.80	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	21.02	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Left	20.22	/	/	19.75	/	/	<=33	Pass
CP-OFDM 16 QAM	2516.01	Edge_1RB_Right	19.39	/	/	18.92	/	/	<=33	Pass
		Outer_Full	18.94	/	/	18.47	/	/	<=33	Pass
		Inner_Full	18.21	/	/	17.74	/	/	<=33	Pass
		Inner_1RB_Left	20.17	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Right	19.49	/	/	19.02	/	/	<=33	Pass
		Edge_1RB_Left	20.98	/	/	20.51	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	21.30	/	/	20.83	/	/	<=33	Pass
		Outer_Full	20.59	/	/	20.12	/	/	<=33	Pass
		Inner_Full	20.06	/	/	19.59	/	/	<=33	Pass
		Inner_1RB_Left	20.94	/	/	20.47	/	/	<=33	Pass
		Inner_1RB_Right	21.45	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Left	21.39	/	/	20.92	/	/	<=33	Pass
	2670	Edge_1RB_Right	20.64	/	/	20.17	/	/	<=33	Pass
		Outer_Full	20.40	/	/	19.93	/	/	<=33	Pass
		Inner_Full	19.77	/	/	19.30	/	/	<=33	Pass
		Inner_1RB_Left	21.35	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	20.85	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Left	20.54	/	/	20.07	/	/	<=33	Pass
CP-OFDM 64 QAM	2516.01	Edge_1RB_Right	19.69	/	/	19.22	/	/	<=33	Pass
		Outer_Full	18.48	/	/	18.01	/	/	<=33	Pass
		Inner_Full	18.22	/	/	17.75	/	/	<=33	Pass
		Inner_1RB_Left	20.48	/	/	20.01	/	/	<=33	Pass
		Inner_1RB_Right	19.80	/	/	19.33	/	/	<=33	Pass
		Edge_1RB_Left	21.23	/	/	20.76	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	21.53	/	/	21.06	/	/	<=33	Pass
		Outer_Full	20.18	/	/	19.71	/	/	<=33	Pass
		Inner_Full	20.21	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Left	6.07	/	/	5.60	/	/	<=33	Pass
		Inner_1RB_Right	6.13	/	/	5.66	/	/	<=33	Pass
		Edge_1RB_Left	21.63	/	/	21.16	/	/	<=33	Pass
	2670	Edge_1RB_Right	20.90	/	/	20.43	/	/	<=33	Pass
		Outer_Full	19.95	/	/	19.48	/	/	<=33	Pass
		Inner_Full	19.78	/	/	19.31	/	/	<=33	Pass
		Inner_1RB_Left	21.56	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	20.64	/	/	<=33	Pass
		Edge_1RB_Left	18.18	/	/	17.71	/	/	<=33	Pass
CP-OFDM 256 QAM	2516.01	Edge_1RB_Right	17.27	/	/	16.80	/	/	<=33	Pass
		Outer_Full	16.04	/	/	15.57	/	/	<=33	Pass
		Inner_Full	15.76	/	/	15.29	/	/	<=33	Pass
		Inner_1RB_Left	18.10	/	/	17.63	/	/	<=33	Pass
		Inner_1RB_Right	17.41	/	/	16.94	/	/	<=33	Pass
		Edge_1RB_Left	18.95	/	/	18.48	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	19.30	/	/	18.83	/	/	<=33	Pass
		Outer_Full	17.79	/	/	17.32	/	/	<=33	Pass
		Inner_Full	17.65	/	/	17.18	/	/	<=33	Pass
		Inner_1RB_Left	18.86	/	/	18.39	/	/	<=33	Pass
		Inner_1RB_Right	19.44	/	/	18.97	/	/	<=33	Pass
	2670	Edge_1RB_Left	19.01	/	/	18.54	/	/	<=33	Pass
		Edge_1RB_Right	18.07	/	/	17.60	/	/	<=33	Pass

		Outer_Full	17.08	/	/	16.61	/	/	<=33	Pass
		Inner_Full	16.89	/	/	16.42	/	/	<=33	Pass
		Inner_1RB_Left	18.93	/	/	18.46	/	/	<=33	Pass
		Inner_1RB_Right	18.30	/	/	17.83	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -0.47dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_50MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	19.55	/	/	19.08	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	18.51	/	/	<=33	Pass
		Outer_Full	18.99	/	/	18.52	/	/	<=33	Pass
		Inner_Full	18.23	/	/	17.76	/	/	<=33	Pass
		Inner_1RB_Left	19.58	/	/	19.11	/	/	<=33	Pass
		Inner_1RB_Right	19.14	/	/	18.67	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.35	/	/	19.88	/	/	<=33	Pass
		Edge_1RB_Right	21.12	/	/	20.65	/	/	<=33	Pass
		Outer_Full	20.88	/	/	20.41	/	/	<=33	Pass
		Inner_Full	20.37	/	/	19.90	/	/	<=33	Pass
		Inner_1RB_Left	20.37	/	/	19.90	/	/	<=33	Pass
		Inner_1RB_Right	21.29	/	/	20.82	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.31	/	/	20.84	/	/	<=33	Pass
		Edge_1RB_Right	20.64	/	/	20.17	/	/	<=33	Pass
		Outer_Full	21.06	/	/	20.59	/	/	<=33	Pass
		Inner_Full	20.52	/	/	20.05	/	/	<=33	Pass
		Inner_1RB_Left	21.32	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Right	20.89	/	/	20.42	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Edge_1RB_Left	19.35	/	/	18.88	/	/	<=33	Pass
		Edge_1RB_Right	18.79	/	/	18.32	/	/	<=33	Pass
		Outer_Full	18.96	/	/	18.49	/	/	<=33	Pass
		Inner_Full	18.19	/	/	17.72	/	/	<=33	Pass
		Inner_1RB_Left	19.42	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	18.97	/	/	18.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.16	/	/	19.69	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	20.45	/	/	<=33	Pass
		Outer_Full	20.82	/	/	20.35	/	/	<=33	Pass
		Inner_Full	20.30	/	/	19.83	/	/	<=33	Pass
		Inner_1RB_Left	20.22	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	20.63	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.10	/	/	20.63	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	20.02	/	/	<=33	Pass
		Outer_Full	21.02	/	/	20.55	/	/	<=33	Pass
		Inner_Full	20.46	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Left	21.15	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Right	20.74	/	/	20.27	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Edge_1RB_Left	19.60	/	/	19.13	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	18.59	/	/	<=33	Pass
		Outer_Full	18.92	/	/	18.45	/	/	<=33	Pass
		Inner_Full	18.20	/	/	17.73	/	/	<=33	Pass
		Inner_1RB_Left	19.66	/	/	19.19	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	18.77	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.38	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	21.10	/	/	20.63	/	/	<=33	Pass
		Outer_Full	20.77	/	/	20.30	/	/	<=33	Pass

		Inner_Full	20.30	/	/	19.83	/	/	<=33	Pass
		Inner_1RB_Left	20.44	/	/	19.97	/	/	<=33	Pass
		Inner_1RB_Right	21.28	/	/	20.81	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.24	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	20.20	/	/	<=33	Pass
		Outer_Full	20.99	/	/	20.52	/	/	<=33	Pass
		Inner_Full	20.49	/	/	20.02	/	/	<=33	Pass
		Inner_1RB_Left	21.29	/	/	20.82	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Left	18.36	/	/	17.89	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Edge_1RB_Right	17.84	/	/	17.37	/	/	<=33	Pass
		Outer_Full	17.38	/	/	16.91	/	/	<=33	Pass
		Inner_Full	17.09	/	/	16.62	/	/	<=33	Pass
		Inner_1RB_Left	18.42	/	/	17.95	/	/	<=33	Pass
		Inner_1RB_Right	18.03	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Left	19.09	/	/	18.62	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	19.85	/	/	19.38	/	/	<=33	Pass
		Outer_Full	19.26	/	/	18.79	/	/	<=33	Pass
		Inner_Full	19.17	/	/	18.70	/	/	<=33	Pass
		Inner_1RB_Left	19.15	/	/	18.68	/	/	<=33	Pass
		Inner_1RB_Right	20.05	/	/	19.58	/	/	<=33	Pass
		Edge_1RB_Left	20.14	/	/	19.67	/	/	<=33	Pass
	2664.99	Edge_1RB_Right	19.50	/	/	19.03	/	/	<=33	Pass
		Outer_Full	19.44	/	/	18.97	/	/	<=33	Pass
		Inner_Full	19.34	/	/	18.87	/	/	<=33	Pass
		Inner_1RB_Left	20.18	/	/	19.71	/	/	<=33	Pass
		Inner_1RB_Right	19.76	/	/	19.29	/	/	<=33	Pass
		Edge_1RB_Left	19.38	/	/	18.91	/	/	<=33	Pass
CP-OFDM QPSK	2521.02	Edge_1RB_Right	18.92	/	/	18.45	/	/	<=33	Pass
		Outer_Full	18.91	/	/	18.44	/	/	<=33	Pass
		Inner_Full	18.16	/	/	17.69	/	/	<=33	Pass
		Inner_1RB_Left	19.41	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Right	19.03	/	/	18.56	/	/	<=33	Pass
		Edge_1RB_Left	20.20	/	/	19.73	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	20.88	/	/	20.41	/	/	<=33	Pass
		Outer_Full	20.66	/	/	20.19	/	/	<=33	Pass
		Inner_Full	20.20	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	19.77	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Left	21.06	/	/	20.59	/	/	<=33	Pass
	2664.99	Edge_1RB_Right	20.62	/	/	20.15	/	/	<=33	Pass
		Outer_Full	20.91	/	/	20.44	/	/	<=33	Pass
		Inner_Full	20.38	/	/	19.91	/	/	<=33	Pass
		Inner_1RB_Left	21.12	/	/	20.65	/	/	<=33	Pass
		Inner_1RB_Right	20.84	/	/	20.37	/	/	<=33	Pass
		Edge_1RB_Left	19.16	/	/	18.69	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge_1RB_Right	18.70	/	/	18.23	/	/	<=33	Pass
		Outer_Full	18.88	/	/	18.41	/	/	<=33	Pass
		Inner_Full	18.16	/	/	17.69	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	18.77	/	/	<=33	Pass
		Inner_1RB_Right	18.87	/	/	18.40	/	/	<=33	Pass
		Edge_1RB_Left	20.07	/	/	19.60	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	20.71	/	/	20.24	/	/	<=33	Pass
		Outer_Full	20.66	/	/	20.19	/	/	<=33	Pass
		Inner_Full	20.22	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Left	20.13	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	20.45	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	20.84	/	/	20.37	/	/	<=33	Pass
		Edge_1RB_Right	20.38	/	/	19.91	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: -0.47dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 30k_SISO_60MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 60MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2526	Edge_1RB_Left	19.45	/	/	18.98	/	/	<=33	Pass
		Edge_1RB_Right	18.87	/	/	18.40	/	/	<=33	Pass
		Outer_Full	18.44	/	/	17.97	/	/	<=33	Pass
		Inner_Full	18.02	/	/	17.55	/	/	<=33	Pass
		Inner_1RB_Left	19.37	/	/	18.90	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	18.42	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.10	/	/	19.63	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	20.23	/	/	<=33	Pass
		Outer_Full	20.38	/	/	19.91	/	/	<=33	Pass

		Inner_Full	20.24	/	/	19.77	/	/	<=33	Pass
		Inner_1RB_Left	20.03	/	/	19.56	/	/	<=33	Pass
		Inner_1RB_Right	20.74	/	/	20.27	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.12	/	/	20.65	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	19.55	/	/	<=33	Pass
		Outer_Full	20.26	/	/	19.79	/	/	<=33	Pass
		Inner_Full	20.09	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	20.55	/	/	<=33	Pass
		Inner_1RB_Right	20.09	/	/	19.62	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Left	19.26	/	/	18.79	/	/	<=33	Pass
		Edge_1RB_Right	18.74	/	/	18.27	/	/	<=33	Pass
		Outer_Full	18.40	/	/	17.93	/	/	<=33	Pass
		Inner_Full	18.02	/	/	17.55	/	/	<=33	Pass
		Inner_1RB_Left	19.22	/	/	18.75	/	/	<=33	Pass
		Inner_1RB_Right	18.77	/	/	18.30	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.94	/	/	19.47	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	20.06	/	/	<=33	Pass
		Outer_Full	20.31	/	/	19.84	/	/	<=33	Pass
		Inner_Full	20.20	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	19.89	/	/	19.42	/	/	<=33	Pass
		Inner_1RB_Right	20.58	/	/	20.11	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.94	/	/	20.47	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	19.44	/	/	<=33	Pass
		Outer_Full	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_Full	20.05	/	/	19.58	/	/	<=33	Pass
		Inner_1RB_Left	20.87	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Right	19.96	/	/	19.49	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Edge_1RB_Left	19.46	/	/	18.99	/	/	<=33	Pass
		Edge_1RB_Right	18.95	/	/	18.48	/	/	<=33	Pass
		Outer_Full	18.42	/	/	17.95	/	/	<=33	Pass
		Inner_Full	18.04	/	/	17.57	/	/	<=33	Pass
		Inner_1RB_Left	19.42	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	18.99	/	/	18.52	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.12	/	/	19.65	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	20.21	/	/	<=33	Pass
		Outer_Full	20.30	/	/	19.83	/	/	<=33	Pass
		Inner_Full	20.20	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	20.08	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Right	20.73	/	/	20.26	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.05	/	/	20.58	/	/	<=33	Pass
		Edge_1RB_Right	20.05	/	/	19.58	/	/	<=33	Pass
		Outer_Full	20.18	/	/	19.71	/	/	<=33	Pass
		Inner_Full	20.05	/	/	19.58	/	/	<=33	Pass
		Inner_1RB_Left	20.98	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Right	20.11	/	/	19.64	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Edge_1RB_Left	18.38	/	/	17.91	/	/	<=33	Pass
		Edge_1RB_Right	17.85	/	/	17.38	/	/	<=33	Pass
		Outer_Full	16.90	/	/	16.43	/	/	<=33	Pass
		Inner_Full	16.95	/	/	16.48	/	/	<=33	Pass
		Inner_1RB_Left	18.32	/	/	17.85	/	/	<=33	Pass
		Inner_1RB_Right	17.88	/	/	17.41	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.94	/	/	18.47	/	/	<=33	Pass
		Edge_1RB_Right	19.50	/	/	19.03	/	/	<=33	Pass
		Outer_Full	18.74	/	/	18.27	/	/	<=33	Pass
		Inner_Full	19.06	/	/	18.59	/	/	<=33	Pass
		Inner_1RB_Left	18.87	/	/	18.40	/	/	<=33	Pass
		Inner_1RB_Right	19.55	/	/	19.08	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	19.89	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	18.79	/	/	18.32	/	/	<=33	Pass

		Outer_Full	18.60	/	/	18.13	/	/	<=33	Pass
		Inner_Full	18.88	/	/	18.41	/	/	<=33	Pass
		Inner_1RB_Left	19.82	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Right	18.86	/	/	18.39	/	/	<=33	Pass
CP-OFDM QPSK	2526	Edge_1RB_Left	19.38	/	/	18.91	/	/	<=33	Pass
		Edge_1RB_Right	18.91	/	/	18.44	/	/	<=33	Pass
		Outer_Full	18.43	/	/	17.96	/	/	<=33	Pass
		Inner_Full	18.05	/	/	17.58	/	/	<=33	Pass
		Inner_1RB_Left	19.32	/	/	18.85	/	/	<=33	Pass
		Inner_1RB_Right	18.90	/	/	18.43	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.05	/	/	19.58	/	/	<=33	Pass
		Edge_1RB_Right	20.55	/	/	20.08	/	/	<=33	Pass
		Outer_Full	20.20	/	/	19.73	/	/	<=33	Pass
		Inner_Full	20.08	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Left	19.98	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Right	20.57	/	/	20.10	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.88	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	19.53	/	/	<=33	Pass
		Outer_Full	20.09	/	/	19.62	/	/	<=33	Pass
		Inner_Full	19.94	/	/	19.47	/	/	<=33	Pass
		Inner_1RB_Left	20.80	/	/	20.33	/	/	<=33	Pass
		Inner_1RB_Right	20.00	/	/	19.53	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Edge_1RB_Left	19.22	/	/	18.75	/	/	<=33	Pass
		Edge_1RB_Right	18.77	/	/	18.30	/	/	<=33	Pass
		Outer_Full	18.42	/	/	17.95	/	/	<=33	Pass
		Inner_Full	18.06	/	/	17.59	/	/	<=33	Pass
		Inner_1RB_Left	19.20	/	/	18.73	/	/	<=33	Pass
		Inner_1RB_Right	18.81	/	/	18.34	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.82	/	/	19.35	/	/	<=33	Pass
		Edge_1RB_Right	20.31	/	/	19.84	/	/	<=33	Pass
		Outer_Full	20.17	/	/	19.70	/	/	<=33	Pass
		Inner_Full	20.08	/	/	19.61	/	/	<=33	Pass
		Inner_1RB_Left	19.80	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Right	20.36	/	/	19.89	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.68	/	/	20.21	/	/	<=33	Pass
		Edge_1RB_Right	19.80	/	/	19.33	/	/	<=33	Pass
		Outer_Full	20.07	/	/	19.60	/	/	<=33	Pass
		Inner_Full	19.93	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Left	20.66	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Right	19.87	/	/	19.40	/	/	<=33	Pass
CP-OFDM 64 QAM	2526	Edge_1RB_Left	19.60	/	/	19.13	/	/	<=33	Pass
		Edge_1RB_Right	19.13	/	/	18.66	/	/	<=33	Pass
		Outer_Full	17.98	/	/	17.51	/	/	<=33	Pass
		Inner_Full	18.06	/	/	17.59	/	/	<=33	Pass
		Inner_1RB_Left	19.57	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Right	19.16	/	/	18.69	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.18	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	20.15	/	/	<=33	Pass
		Outer_Full	19.78	/	/	19.31	/	/	<=33	Pass
		Inner_Full	20.09	/	/	19.62	/	/	<=33	Pass
		Inner_1RB_Left	20.13	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	20.67	/	/	20.20	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.95	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	20.09	/	/	19.62	/	/	<=33	Pass
		Outer_Full	19.65	/	/	19.18	/	/	<=33	Pass
		Inner_Full	19.94	/	/	19.47	/	/	<=33	Pass
		Inner_1RB_Left	20.91	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Right	20.16	/	/	19.69	/	/	<=33	Pass
CP-OFDM 256 QAM	2526	Edge_1RB_Left	17.23	/	/	16.76	/	/	<=33	Pass

		Edge_1RB_Right	16.79	/	/	16.32	/	/	<=33	Pass
		Outer_Full	15.69	/	/	15.22	/	/	<=33	Pass
		Inner_Full	15.76	/	/	15.29	/	/	<=33	Pass
		Inner_1RB_Left	17.20	/	/	16.73	/	/	<=33	Pass
		Inner_1RB_Right	16.82	/	/	16.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	17.62	/	/	17.15	/	/	<=33	Pass
		Edge_1RB_Right	18.14	/	/	17.67	/	/	<=33	Pass
		Outer_Full	17.24	/	/	16.77	/	/	<=33	Pass
		Inner_Full	17.58	/	/	17.11	/	/	<=33	Pass
		Inner_1RB_Left	17.59	/	/	17.12	/	/	<=33	Pass
	2659.98	Inner_1RB_Right	18.21	/	/	17.74	/	/	<=33	Pass
		Edge_1RB_Left	18.28	/	/	17.81	/	/	<=33	Pass
		Edge_1RB_Right	17.18	/	/	16.71	/	/	<=33	Pass
		Outer_Full	16.81	/	/	16.34	/	/	<=33	Pass
		Inner_Full	17.11	/	/	16.64	/	/	<=33	Pass
		Inner_1RB_Left	18.24	/	/	17.77	/	/	<=33	Pass
		Inner_1RB_Right	17.26	/	/	16.79	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -0.47dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_70MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2531.01	Edge_1RB_Left	19.65	/	/	19.18	/	/	<=33	Pass
		Edge_1RB_Right	19.27	/	/	18.80	/	/	<=33	Pass
		Outer_Full	19.11	/	/	18.64	/	/	<=33	Pass
		Inner_Full	18.60	/	/	18.13	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	20.45	/	/	<=33	Pass
		Inner_1RB_Right	20.57	/	/	20.10	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.52	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	19.53	/	/	<=33	Pass
		Outer_Full	20.42	/	/	19.95	/	/	<=33	Pass
		Inner_Full	20.23	/	/	19.76	/	/	<=33	Pass
		Inner_1RB_Left	20.89	/	/	20.42	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	21.11	/	/	<=33	Pass
	2655	Edge_1RB_Left	20.44	/	/	19.97	/	/	<=33	Pass
		Edge_1RB_Right	19.07	/	/	18.60	/	/	<=33	Pass
		Outer_Full	20.29	/	/	19.82	/	/	<=33	Pass
		Inner_Full	20.04	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Left	21.99	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	20.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2531.01	Edge_1RB_Left	19.56	/	/	19.09	/	/	<=33	Pass
		Edge_1RB_Right	19.20	/	/	18.73	/	/	<=33	Pass
		Outer_Full	19.05	/	/	18.58	/	/	<=33	Pass
		Inner_Full	18.60	/	/	18.13	/	/	<=33	Pass
		Inner_1RB_Left	19.74	/	/	19.27	/	/	<=33	Pass
		Inner_1RB_Right	19.45	/	/	18.98	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.43	/	/	18.96	/	/	<=33	Pass
		Edge_1RB_Right	19.92	/	/	19.45	/	/	<=33	Pass
		Outer_Full	20.34	/	/	19.87	/	/	<=33	Pass
		Inner_Full	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Left	19.73	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	19.96	/	/	<=33	Pass
	2655	Edge_1RB_Left	20.36	/	/	19.89	/	/	<=33	Pass
		Edge_1RB_Right	19.08	/	/	18.61	/	/	<=33	Pass

		Outer_Full	20.22	/	/	19.75	/	/	<=33	Pass
		Inner_Full	20.00	/	/	19.53	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	19.80	/	/	19.33	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2531.01	Edge_1RB_Left	19.80	/	/	19.33	/	/	<=33	Pass
		Edge_1RB_Right	19.41	/	/	18.94	/	/	<=33	Pass
		Outer_Full	19.05	/	/	18.58	/	/	<=33	Pass
		Inner_Full	18.57	/	/	18.10	/	/	<=33	Pass
		Inner_1RB_Left	18.99	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Right	18.71	/	/	18.24	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.52	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	19.44	/	/	<=33	Pass
		Outer_Full	20.32	/	/	19.85	/	/	<=33	Pass
		Inner_Full	20.17	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Left	18.92	/	/	18.45	/	/	<=33	Pass
		Inner_1RB_Right	19.56	/	/	19.09	/	/	<=33	Pass
	2655	Edge_1RB_Left	20.33	/	/	19.86	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	18.57	/	/	<=33	Pass
		Outer_Full	20.20	/	/	19.73	/	/	<=33	Pass
		Inner_Full	19.97	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	19.97	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Right	18.77	/	/	18.30	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2531.01	Edge_1RB_Left	17.75	/	/	17.28	/	/	<=33	Pass
		Edge_1RB_Right	17.36	/	/	16.89	/	/	<=33	Pass
		Outer_Full	17.47	/	/	17.00	/	/	<=33	Pass
		Inner_Full	17.47	/	/	17.00	/	/	<=33	Pass
		Inner_1RB_Left	17.53	/	/	17.06	/	/	<=33	Pass
		Inner_1RB_Right	17.29	/	/	16.82	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	17.56	/	/	17.09	/	/	<=33	Pass
		Edge_1RB_Right	18.00	/	/	17.53	/	/	<=33	Pass
		Outer_Full	18.76	/	/	18.29	/	/	<=33	Pass
		Inner_Full	19.04	/	/	18.57	/	/	<=33	Pass
		Inner_1RB_Left	17.48	/	/	17.01	/	/	<=33	Pass
		Inner_1RB_Right	18.09	/	/	17.62	/	/	<=33	Pass
	2655	Edge_1RB_Left	18.44	/	/	17.97	/	/	<=33	Pass
		Edge_1RB_Right	17.00	/	/	16.53	/	/	<=33	Pass
		Outer_Full	18.73	/	/	18.26	/	/	<=33	Pass
		Inner_Full	18.95	/	/	18.48	/	/	<=33	Pass
		Inner_1RB_Left	18.36	/	/	17.89	/	/	<=33	Pass
		Inner_1RB_Right	17.10	/	/	16.63	/	/	<=33	Pass
CP-OFDM QPSK	2531.01	Edge_1RB_Left	19.52	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	19.23	/	/	18.76	/	/	<=33	Pass
		Outer_Full	19.12	/	/	18.65	/	/	<=33	Pass
		Inner_Full	18.62	/	/	18.15	/	/	<=33	Pass
		Inner_1RB_Left	19.31	/	/	18.84	/	/	<=33	Pass
		Inner_1RB_Right	19.07	/	/	18.60	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.47	/	/	19.00	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	19.36	/	/	<=33	Pass
		Outer_Full	20.29	/	/	19.82	/	/	<=33	Pass
		Inner_Full	20.12	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Left	19.32	/	/	18.85	/	/	<=33	Pass
		Inner_1RB_Right	19.96	/	/	19.49	/	/	<=33	Pass
	2655	Edge_1RB_Left	20.17	/	/	19.70	/	/	<=33	Pass
		Edge_1RB_Right	19.03	/	/	18.56	/	/	<=33	Pass
		Outer_Full	20.13	/	/	19.66	/	/	<=33	Pass
		Inner_Full	19.87	/	/	19.40	/	/	<=33	Pass
		Inner_1RB_Left	20.46	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Right	19.42	/	/	18.95	/	/	<=33	Pass
CP-OFDM 16 QAM	2531.01	Edge_1RB_Left	19.53	/	/	19.06	/	/	<=33	Pass

		Edge_1RB_Right	19.15	/	/	18.68	/	/	<=33	Pass	
		Outer_Full	19.09	/	/	18.62	/	/	<=33	Pass	
		Inner_Full	18.61	/	/	18.14	/	/	<=33	Pass	
		Inner_1RB_Left	18.68	/	/	18.21	/	/	<=33	Pass	
		Inner_1RB_Right	18.47	/	/	18.00	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	19.27	/	/	18.80	/	/	<=33	Pass	
		Edge_1RB_Right	19.66	/	/	19.19	/	/	<=33	Pass	
		Outer_Full	20.26	/	/	19.79	/	/	<=33	Pass	
		Inner_Full	20.11	/	/	19.64	/	/	<=33	Pass	
		Inner_1RB_Left	18.69	/	/	18.22	/	/	<=33	Pass	
	2655	Inner_1RB_Right	19.32	/	/	18.85	/	/	<=33	Pass	
		Edge_1RB_Left	20.06	/	/	19.59	/	/	<=33	Pass	
		Edge_1RB_Right	18.92	/	/	18.45	/	/	<=33	Pass	
		Outer_Full	20.10	/	/	19.63	/	/	<=33	Pass	
		Inner_Full	19.86	/	/	19.39	/	/	<=33	Pass	
	CP-OFDM 64 QAM	2531.01	Inner_1RB_Left	19.66	/	/	19.19	/	/	<=33	Pass
			Inner_1RB_Right	18.55	/	/	18.08	/	/	<=33	Pass
Edge_1RB_Left			19.29	/	/	18.82	/	/	<=33	Pass	
Edge_1RB_Right			18.99	/	/	18.52	/	/	<=33	Pass	
Outer_Full			18.63	/	/	18.16	/	/	<=33	Pass	
2592.99		Inner_Full	18.61	/	/	18.14	/	/	<=33	Pass	
		Inner_1RB_Left	18.58	/	/	18.11	/	/	<=33	Pass	
		Inner_1RB_Right	18.35	/	/	17.88	/	/	<=33	Pass	
		Edge_1RB_Left	19.24	/	/	18.77	/	/	<=33	Pass	
		Edge_1RB_Right	19.61	/	/	19.14	/	/	<=33	Pass	
2655		Outer_Full	19.85	/	/	19.38	/	/	<=33	Pass	
		Inner_Full	20.11	/	/	19.64	/	/	<=33	Pass	
		Inner_1RB_Left	18.62	/	/	18.15	/	/	<=33	Pass	
		Inner_1RB_Right	19.24	/	/	18.77	/	/	<=33	Pass	
		Edge_1RB_Left	19.85	/	/	19.38	/	/	<=33	Pass	
CP-OFDM 256 QAM		2531.01	Edge_1RB_Right	18.70	/	/	18.23	/	/	<=33	Pass
			Outer_Full	19.68	/	/	19.21	/	/	<=33	Pass
	Inner_Full		19.86	/	/	19.39	/	/	<=33	Pass	
	Inner_1RB_Left		19.53	/	/	19.06	/	/	<=33	Pass	
	Inner_1RB_Right		18.41	/	/	17.94	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	15.92	/	/	15.45	/	/	<=33	Pass	
		Edge_1RB_Right	15.70	/	/	15.23	/	/	<=33	Pass	
		Outer_Full	16.22	/	/	15.75	/	/	<=33	Pass	
		Inner_Full	16.21	/	/	15.74	/	/	<=33	Pass	
		Inner_1RB_Left	15.76	/	/	15.29	/	/	<=33	Pass	
	2655	Inner_1RB_Right	15.64	/	/	15.17	/	/	<=33	Pass	
		Edge_1RB_Left	15.77	/	/	15.30	/	/	<=33	Pass	
		Edge_1RB_Right	16.22	/	/	15.75	/	/	<=33	Pass	
		Outer_Full	17.31	/	/	16.84	/	/	<=33	Pass	
		Inner_Full	17.61	/	/	17.14	/	/	<=33	Pass	
		2592.99	Inner_1RB_Left	15.46	/	/	14.99	/	/	<=33	Pass
			Inner_1RB_Right	16.13	/	/	15.66	/	/	<=33	Pass
Edge_1RB_Left			16.39	/	/	15.92	/	/	<=33	Pass	
Edge_1RB_Right			15.05	/	/	14.58	/	/	<=33	Pass	
Outer_Full			16.89	/	/	16.42	/	/	<=33	Pass	
2655		Inner_Full	17.08	/	/	16.61	/	/	<=33	Pass	
		Inner_1RB_Left	16.51	/	/	16.04	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: -0.47dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.9 30k_SISO_80MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2536.02	Edge_1RB_Left	20.01	/	/	19.54	/	/	<=33	Pass
		Edge_1RB_Right	19.97	/	/	19.50	/	/	<=33	Pass
		Outer_Full	19.08	/	/	18.61	/	/	<=33	Pass
		Inner_Full	18.51	/	/	18.04	/	/	<=33	Pass
		Inner_1RB_Left	19.92	/	/	19.45	/	/	<=33	Pass
		Inner_1RB_Right	20.00	/	/	19.53	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.01	/	/	19.54	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	20.28	/	/	<=33	Pass
		Outer_Full	20.42	/	/	19.95	/	/	<=33	Pass
		Inner_Full	20.28	/	/	19.81	/	/	<=33	Pass
		Inner_1RB_Left	19.96	/	/	19.49	/	/	<=33	Pass
		Inner_1RB_Right	20.81	/	/	20.34	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.40	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	20.09	/	/	19.62	/	/	<=33	Pass
		Outer_Full	20.44	/	/	19.97	/	/	<=33	Pass
		Inner_Full	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Left	21.33	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	20.16	/	/	19.69	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Edge_1RB_Left	19.78	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	19.36	/	/	<=33	Pass
		Outer_Full	19.04	/	/	18.57	/	/	<=33	Pass
		Inner_Full	18.49	/	/	18.02	/	/	<=33	Pass
		Inner_1RB_Left	19.74	/	/	19.27	/	/	<=33	Pass
		Inner_1RB_Right	19.87	/	/	19.40	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.83	/	/	19.36	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	20.11	/	/	<=33	Pass
		Outer_Full	20.36	/	/	19.89	/	/	<=33	Pass
		Inner_Full	20.25	/	/	19.78	/	/	<=33	Pass
		Inner_1RB_Left	19.82	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Right	20.65	/	/	20.18	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.19	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	19.47	/	/	<=33	Pass
		Outer_Full	20.37	/	/	19.90	/	/	<=33	Pass
		Inner_Full	20.15	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	21.13	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Right	20.02	/	/	19.55	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Edge_1RB_Left	20.03	/	/	19.56	/	/	<=33	Pass
		Edge_1RB_Right	20.05	/	/	19.58	/	/	<=33	Pass
		Outer_Full	19.01	/	/	18.54	/	/	<=33	Pass
		Inner_Full	18.47	/	/	18.00	/	/	<=33	Pass
		Inner_1RB_Left	19.98	/	/	19.51	/	/	<=33	Pass
		Inner_1RB_Right	20.09	/	/	19.62	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.11	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	20.32	/	/	<=33	Pass
		Outer_Full	20.33	/	/	19.86	/	/	<=33	Pass
		Inner_Full	20.23	/	/	19.76	/	/	<=33	Pass
		Inner_1RB_Left	20.07	/	/	19.60	/	/	<=33	Pass
		Inner_1RB_Right	20.85	/	/	20.38	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.38	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Right	20.19	/	/	19.72	/	/	<=33	Pass
		Outer_Full	20.36	/	/	19.89	/	/	<=33	Pass
		Inner_Full	20.14	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Left	21.33	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	20.26	/	/	19.79	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge_1RB_Left	18.74	/	/	18.27	/	/	<=33	Pass
		Edge_1RB_Right	18.78	/	/	18.31	/	/	<=33	Pass

		Outer_Full	17.42	/	/	16.95	/	/	<=33	Pass
		Inner_Full	17.31	/	/	16.84	/	/	<=33	Pass
		Inner_1RB_Left	18.69	/	/	18.22	/	/	<=33	Pass
		Inner_1RB_Right	18.82	/	/	18.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.86	/	/	18.39	/	/	<=33	Pass
		Edge_1RB_Right	19.55	/	/	19.08	/	/	<=33	Pass
		Outer_Full	18.78	/	/	18.31	/	/	<=33	Pass
		Inner_Full	19.11	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Left	18.82	/	/	18.35	/	/	<=33	Pass
		Inner_1RB_Right	19.62	/	/	19.15	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	20.41	/	/	19.94	/	/	<=33	Pass
		Edge_1RB_Right	19.11	/	/	18.64	/	/	<=33	Pass
		Outer_Full	19.00	/	/	18.53	/	/	<=33	Pass
		Inner_Full	19.21	/	/	18.74	/	/	<=33	Pass
		Inner_1RB_Left	20.36	/	/	19.89	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Inner_1RB_Right	19.17	/	/	18.70	/	/	<=33	Pass
		Edge_1RB_Left	19.81	/	/	19.34	/	/	<=33	Pass
		Edge_1RB_Right	19.90	/	/	19.43	/	/	<=33	Pass
		Outer_Full	19.01	/	/	18.54	/	/	<=33	Pass
		Inner_Full	18.45	/	/	17.98	/	/	<=33	Pass
		Inner_1RB_Left	19.77	/	/	19.30	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	19.86	/	/	19.39	/	/	<=33	Pass
		Edge_1RB_Left	19.96	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	20.11	/	/	<=33	Pass
		Outer_Full	20.28	/	/	19.81	/	/	<=33	Pass
		Inner_Full	20.13	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Left	19.90	/	/	19.43	/	/	<=33	Pass
	2649.99	Inner_1RB_Right	20.59	/	/	20.12	/	/	<=33	Pass
		Edge_1RB_Left	21.15	/	/	20.68	/	/	<=33	Pass
		Edge_1RB_Right	20.04	/	/	19.57	/	/	<=33	Pass
		Outer_Full	20.28	/	/	19.81	/	/	<=33	Pass
		Inner_Full	20.02	/	/	19.55	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	20.62	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Inner_1RB_Right	20.09	/	/	19.62	/	/	<=33	Pass
		Edge_1RB_Left	19.69	/	/	19.22	/	/	<=33	Pass
		Edge_1RB_Right	19.71	/	/	19.24	/	/	<=33	Pass
		Outer_Full	19.00	/	/	18.53	/	/	<=33	Pass
		Inner_Full	18.44	/	/	17.97	/	/	<=33	Pass
		Inner_1RB_Left	19.66	/	/	19.19	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	19.76	/	/	19.29	/	/	<=33	Pass
		Edge_1RB_Left	19.77	/	/	19.30	/	/	<=33	Pass
		Edge_1RB_Right	20.35	/	/	19.88	/	/	<=33	Pass
		Outer_Full	20.28	/	/	19.81	/	/	<=33	Pass
		Inner_Full	20.16	/	/	19.69	/	/	<=33	Pass
		Inner_1RB_Left	19.76	/	/	19.29	/	/	<=33	Pass
	2649.99	Inner_1RB_Right	20.44	/	/	19.97	/	/	<=33	Pass
		Edge_1RB_Left	20.96	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	19.40	/	/	<=33	Pass
		Outer_Full	20.28	/	/	19.81	/	/	<=33	Pass
		Inner_Full	20.03	/	/	19.56	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Inner_1RB_Left	20.94	/	/	20.47	/	/	<=33	Pass
		Inner_1RB_Right	19.96	/	/	19.49	/	/	<=33	Pass
		Edge_1RB_Left	20.04	/	/	19.57	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	19.61	/	/	<=33	Pass
		Outer_Full	18.54	/	/	18.07	/	/	<=33	Pass
		Inner_Full	18.43	/	/	17.96	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	20.03	/	/	19.56	/	/	<=33	Pass
		Inner_1RB_Right	20.11	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Left	20.21	/	/	19.74	/	/	<=33	Pass

		Edge_1RB_Right	20.77	/	/	20.30	/	/	<=33	Pass
		Outer_Full	19.89	/	/	19.42	/	/	<=33	Pass
		Inner_Full	20.15	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Right	20.85	/	/	20.38	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.19	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	20.17	/	/	19.70	/	/	<=33	Pass
		Outer_Full	19.86	/	/	19.39	/	/	<=33	Pass
		Inner_Full	20.03	/	/	19.56	/	/	<=33	Pass
		Inner_1RB_Left	21.19	/	/	20.72	/	/	<=33	Pass
Inner_1RB_Right	20.32	/	/	19.85	/	/	<=33	Pass		
CP-OFDM 256 QAM	2536.02	Edge_1RB_Left	17.53	/	/	17.06	/	/	<=33	Pass
		Edge_1RB_Right	17.63	/	/	17.16	/	/	<=33	Pass
		Outer_Full	16.14	/	/	15.67	/	/	<=33	Pass
		Inner_Full	16.03	/	/	15.56	/	/	<=33	Pass
		Inner_1RB_Left	17.51	/	/	17.04	/	/	<=33	Pass
		Inner_1RB_Right	17.70	/	/	17.23	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	17.58	/	/	17.11	/	/	<=33	Pass
		Edge_1RB_Right	18.21	/	/	17.74	/	/	<=33	Pass
		Outer_Full	17.35	/	/	16.88	/	/	<=33	Pass
		Inner_Full	17.66	/	/	17.19	/	/	<=33	Pass
		Inner_1RB_Left	17.56	/	/	17.09	/	/	<=33	Pass
		Inner_1RB_Right	18.30	/	/	17.83	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	18.72	/	/	18.25	/	/	<=33	Pass
		Edge_1RB_Right	17.37	/	/	16.90	/	/	<=33	Pass
		Outer_Full	17.14	/	/	16.67	/	/	<=33	Pass
		Inner_Full	17.34	/	/	16.87	/	/	<=33	Pass
Inner_1RB_Left		18.70	/	/	18.23	/	/	<=33	Pass	
Inner_1RB_Right	17.48	/	/	17.01	/	/	<=33	Pass		
Note1: Antenna Gain: Ant1: -0.47dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_90MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2541	Edge 1RB Left	19.68	/	/	19.21	/	/	<=33	Pass
		Edge 1RB Right	20.00	/	/	19.53	/	/	<=33	Pass
		Outer Full	19.34	/	/	18.87	/	/	<=33	Pass
		Inner Full	18.73	/	/	18.26	/	/	<=33	Pass
		Inner 1RB Left	19.65	/	/	19.18	/	/	<=33	Pass
		Inner 1RB Right	20.07	/	/	19.60	/	/	<=33	Pass
	2592.99	Edge 1RB Left	19.63	/	/	19.16	/	/	<=33	Pass
		Edge 1RB Right	20.47	/	/	20.00	/	/	<=33	Pass
		Outer Full	20.53	/	/	20.06	/	/	<=33	Pass
		Inner Full	20.35	/	/	19.88	/	/	<=33	Pass
		Inner 1RB Left	19.57	/	/	19.10	/	/	<=33	Pass
		Inner 1RB Right	20.55	/	/	20.08	/	/	<=33	Pass
	2644.98	Edge 1RB Left	21.21	/	/	20.74	/	/	<=33	Pass
		Edge 1RB Right	20.11	/	/	19.64	/	/	<=33	Pass
		Outer Full	20.88	/	/	20.41	/	/	<=33	Pass
		Inner Full	20.63	/	/	20.16	/	/	<=33	Pass
		Inner 1RB Left	21.18	/	/	20.71	/	/	<=33	Pass
		Inner 1RB Right	20.19	/	/	19.72	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge 1RB Left	19.56	/	/	19.09	/	/	<=33	Pass
		Edge 1RB Right	19.91	/	/	19.44	/	/	<=33	Pass

		Outer_Full	19.31	/	/	18.84	/	/	<=33	Pass
		Inner_Full	18.72	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Left	19.55	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Right	19.98	/	/	19.51	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.43	/	/	18.96	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	19.82	/	/	<=33	Pass
		Outer_Full	20.47	/	/	20.00	/	/	<=33	Pass
		Inner_Full	20.31	/	/	19.84	/	/	<=33	Pass
		Inner_1RB_Left	19.43	/	/	18.96	/	/	<=33	Pass
		Inner_1RB_Right	20.39	/	/	19.92	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.06	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	19.56	/	/	<=33	Pass
		Outer_Full	20.81	/	/	20.34	/	/	<=33	Pass
		Inner_Full	20.59	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Left	21.05	/	/	20.58	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Inner_1RB_Right	20.11	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Left	19.78	/	/	19.31	/	/	<=33	Pass
		Edge_1RB_Right	20.12	/	/	19.65	/	/	<=33	Pass
		Outer_Full	19.30	/	/	18.83	/	/	<=33	Pass
		Inner_Full	18.71	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Left	19.78	/	/	19.31	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	20.19	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Left	19.70	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	20.51	/	/	20.04	/	/	<=33	Pass
		Outer_Full	20.45	/	/	19.98	/	/	<=33	Pass
		Inner_Full	20.30	/	/	19.83	/	/	<=33	Pass
		Inner_1RB_Left	19.69	/	/	19.22	/	/	<=33	Pass
	2644.98	Inner_1RB_Right	20.60	/	/	20.13	/	/	<=33	Pass
		Edge_1RB_Left	21.24	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	20.23	/	/	19.76	/	/	<=33	Pass
		Outer_Full	20.80	/	/	20.33	/	/	<=33	Pass
		Inner_Full	20.58	/	/	20.11	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	20.75	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2541	Inner_1RB_Right	20.32	/	/	19.85	/	/	<=33	Pass
		Edge_1RB_Left	18.46	/	/	17.99	/	/	<=33	Pass
		Edge_1RB_Right	18.83	/	/	18.36	/	/	<=33	Pass
		Outer_Full	17.68	/	/	17.21	/	/	<=33	Pass
		Inner_Full	17.57	/	/	17.10	/	/	<=33	Pass
		Inner_1RB_Left	18.45	/	/	17.98	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	18.91	/	/	18.44	/	/	<=33	Pass
		Edge_1RB_Left	18.39	/	/	17.92	/	/	<=33	Pass
		Edge_1RB_Right	19.22	/	/	18.75	/	/	<=33	Pass
		Outer_Full	18.87	/	/	18.40	/	/	<=33	Pass
		Inner_Full	19.17	/	/	18.70	/	/	<=33	Pass
		Inner_1RB_Left	18.37	/	/	17.90	/	/	<=33	Pass
	2644.98	Inner_1RB_Right	19.31	/	/	18.84	/	/	<=33	Pass
		Edge_1RB_Left	20.24	/	/	19.77	/	/	<=33	Pass
		Edge_1RB_Right	19.12	/	/	18.65	/	/	<=33	Pass
		Outer_Full	19.43	/	/	18.96	/	/	<=33	Pass
		Inner_Full	19.67	/	/	19.20	/	/	<=33	Pass
		Inner_1RB_Left	20.21	/	/	19.74	/	/	<=33	Pass
CP-OFDM QPSK	2541	Inner_1RB_Right	19.21	/	/	18.74	/	/	<=33	Pass
		Edge_1RB_Left	19.57	/	/	19.10	/	/	<=33	Pass
		Edge_1RB_Right	19.96	/	/	19.49	/	/	<=33	Pass
		Outer_Full	19.26	/	/	18.79	/	/	<=33	Pass
		Inner_Full	18.71	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Left	19.54	/	/	19.07	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	19.93	/	/	19.46	/	/	<=33	Pass
		Edge_1RB_Left	19.57	/	/	19.10	/	/	<=33	Pass

		Edge_1RB_Right	20.33	/	/	19.86	/	/	<=33	Pass
		Outer_Full	20.33	/	/	19.86	/	/	<=33	Pass
		Inner_Full	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Left	19.51	/	/	19.04	/	/	<=33	Pass
	2644.98	Inner_1RB_Right	20.32	/	/	19.85	/	/	<=33	Pass
		Edge_1RB_Left	20.96	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	20.06	/	/	19.59	/	/	<=33	Pass
		Outer_Full	20.64	/	/	20.17	/	/	<=33	Pass
		Inner_Full	20.41	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	20.45	/	/	<=33	Pass
		Inner_1RB_Right	20.08	/	/	19.61	/	/	<=33	Pass
		Edge_1RB_Left	19.34	/	/	18.87	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Edge_1RB_Right	19.73	/	/	19.26	/	/	<=33	Pass
		Outer_Full	19.25	/	/	18.78	/	/	<=33	Pass
		Inner_Full	18.72	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Left	19.38	/	/	18.91	/	/	<=33	Pass
		Inner_1RB_Right	19.77	/	/	19.30	/	/	<=33	Pass
		Edge_1RB_Left	19.43	/	/	18.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	20.20	/	/	19.73	/	/	<=33	Pass
		Outer_Full	20.31	/	/	19.84	/	/	<=33	Pass
		Inner_Full	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Left	19.45	/	/	18.98	/	/	<=33	Pass
		Inner_1RB_Right	20.23	/	/	19.76	/	/	<=33	Pass
		Edge_1RB_Left	20.80	/	/	20.33	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Edge_1RB_Right	19.92	/	/	19.45	/	/	<=33	Pass
		Outer_Full	20.62	/	/	20.15	/	/	<=33	Pass
		Inner_Full	20.42	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	20.37	/	/	<=33	Pass
		Inner_1RB_Right	19.97	/	/	19.50	/	/	<=33	Pass
		Edge_1RB_Left	19.79	/	/	19.32	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	20.15	/	/	19.68	/	/	<=33	Pass
		Outer_Full	18.80	/	/	18.33	/	/	<=33	Pass
		Inner_Full	18.71	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Left	19.81	/	/	19.34	/	/	<=33	Pass
		Inner_1RB_Right	20.19	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Left	19.80	/	/	19.33	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Edge_1RB_Right	20.52	/	/	20.05	/	/	<=33	Pass
		Outer_Full	19.89	/	/	19.42	/	/	<=33	Pass
		Inner_Full	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Left	19.79	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Right	20.56	/	/	20.09	/	/	<=33	Pass
		Edge_1RB_Left	21.12	/	/	20.65	/	/	<=33	Pass
	2644.98	Edge_1RB_Right	20.28	/	/	19.81	/	/	<=33	Pass
		Outer_Full	20.19	/	/	19.72	/	/	<=33	Pass
		Inner_Full	20.40	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Left	21.13	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Right	20.33	/	/	19.86	/	/	<=33	Pass
		Edge_1RB_Left	17.36	/	/	16.89	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Edge_1RB_Right	17.81	/	/	17.34	/	/	<=33	Pass
		Outer_Full	16.48	/	/	16.01	/	/	<=33	Pass
		Inner_Full	16.43	/	/	15.96	/	/	<=33	Pass
		Inner_1RB_Left	17.39	/	/	16.92	/	/	<=33	Pass
		Inner_1RB_Right	17.87	/	/	17.40	/	/	<=33	Pass
		Edge_1RB_Left	17.05	/	/	16.58	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	17.88	/	/	17.41	/	/	<=33	Pass
		Outer_Full	17.33	/	/	16.86	/	/	<=33	Pass
		Inner_Full	17.68	/	/	17.21	/	/	<=33	Pass
		Inner_1RB_Left	17.07	/	/	16.60	/	/	<=33	Pass
		Inner_1RB_Right	17.94	/	/	17.47	/	/	<=33	Pass

	2644.98	Edge_1RB_Left	18.52	/	/	18.05	/	/	<=33	Pass
		Edge_1RB_Right	17.38	/	/	16.91	/	/	<=33	Pass
		Outer_Full	17.48	/	/	17.01	/	/	<=33	Pass
		Inner_Full	17.74	/	/	17.27	/	/	<=33	Pass
		Inner_1RB_Left	18.54	/	/	18.07	/	/	<=33	Pass
		Inner_1RB_Right	17.46	/	/	16.99	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -0.47dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.11 30k_SISO_100MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2546.01	Edge_1RB_Left	19.23	/	/	18.76	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	19.44	/	/	<=33	Pass
		Outer_Full	19.68	/	/	19.21	/	/	<=33	Pass
		Inner_Full	19.13	/	/	18.66	/	/	<=33	Pass
		Inner_1RB_Left	19.27	/	/	18.80	/	/	<=33	Pass
		Inner_1RB_Right	20.01	/	/	19.54	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.00	/	/	18.53	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	19.47	/	/	<=33	Pass
		Outer_Full	20.69	/	/	20.22	/	/	<=33	Pass
		Inner_Full	20.61	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	19.01	/	/	18.54	/	/	<=33	Pass
		Inner_1RB_Right	20.07	/	/	19.60	/	/	<=33	Pass
	2640	Edge_1RB_Left	20.02	/	/	19.55	/	/	<=33	Pass
		Edge_1RB_Right	19.15	/	/	18.68	/	/	<=33	Pass
		Outer_Full	20.60	/	/	20.13	/	/	<=33	Pass
		Inner_Full	20.44	/	/	19.97	/	/	<=33	Pass
		Inner_1RB_Left	20.04	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Right	19.33	/	/	18.86	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2546.01	Edge_1RB_Left	19.11	/	/	18.64	/	/	<=33	Pass
		Edge_1RB_Right	19.79	/	/	19.32	/	/	<=33	Pass
		Outer_Full	19.63	/	/	19.16	/	/	<=33	Pass
		Inner_Full	19.12	/	/	18.65	/	/	<=33	Pass
		Inner_1RB_Left	19.16	/	/	18.69	/	/	<=33	Pass
		Inner_1RB_Right	19.92	/	/	19.45	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.89	/	/	18.42	/	/	<=33	Pass
		Edge_1RB_Right	19.84	/	/	19.37	/	/	<=33	Pass
		Outer_Full	20.63	/	/	20.16	/	/	<=33	Pass
		Inner_Full	20.57	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Left	18.92	/	/	18.45	/	/	<=33	Pass
		Inner_1RB_Right	19.96	/	/	19.49	/	/	<=33	Pass
	2640	Edge_1RB_Left	19.90	/	/	19.43	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	18.57	/	/	<=33	Pass
		Outer_Full	20.53	/	/	20.06	/	/	<=33	Pass
		Inner_Full	20.40	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Left	19.93	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	18.77	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2546.01	Edge_1RB_Left	19.33	/	/	18.86	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	19.53	/	/	<=33	Pass
		Outer_Full	19.62	/	/	19.15	/	/	<=33	Pass
		Inner_Full	19.10	/	/	18.63	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	18.92	/	/	<=33	Pass
		Inner_1RB_Right	20.11	/	/	19.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.10	/	/	18.63	/	/	<=33	Pass

		Edge_1RB_Right	20.02	/	/	19.55	/	/	<=33	Pass
		Outer_Full	20.61	/	/	20.14	/	/	<=33	Pass
		Inner_Full	20.55	/	/	20.08	/	/	<=33	Pass
		Inner_1RB_Left	19.14	/	/	18.67	/	/	<=33	Pass
		Inner_1RB_Right	20.14	/	/	19.67	/	/	<=33	Pass
	2640	Edge_1RB_Left	20.10	/	/	19.63	/	/	<=33	Pass
		Edge_1RB_Right	19.27	/	/	18.80	/	/	<=33	Pass
		Outer_Full	20.51	/	/	20.04	/	/	<=33	Pass
		Inner_Full	20.38	/	/	19.91	/	/	<=33	Pass
		Inner_1RB_Left	20.12	/	/	19.65	/	/	<=33	Pass
		Inner_1RB_Right	19.47	/	/	19.00	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2546.01	Edge_1RB_Left	17.97	/	/	17.50	/	/	<=33	Pass
		Edge_1RB_Right	18.67	/	/	18.20	/	/	<=33	Pass
		Outer_Full	18.00	/	/	17.53	/	/	<=33	Pass
		Inner_Full	17.97	/	/	17.50	/	/	<=33	Pass
		Inner_1RB_Left	18.03	/	/	17.56	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	18.80	/	/	18.33	/	/	<=33	Pass
		Edge_1RB_Left	17.77	/	/	17.30	/	/	<=33	Pass
		Edge_1RB_Right	18.71	/	/	18.24	/	/	<=33	Pass
		Outer_Full	19.04	/	/	18.57	/	/	<=33	Pass
		Inner_Full	19.43	/	/	18.96	/	/	<=33	Pass
	2640	Inner_1RB_Left	17.80	/	/	17.33	/	/	<=33	Pass
		Inner_1RB_Right	18.83	/	/	18.36	/	/	<=33	Pass
		Edge_1RB_Left	18.89	/	/	18.42	/	/	<=33	Pass
		Edge_1RB_Right	17.98	/	/	17.51	/	/	<=33	Pass
		Outer_Full	18.99	/	/	18.52	/	/	<=33	Pass
CP-OFDM QPSK	2546.01	Inner_Full	19.32	/	/	18.85	/	/	<=33	Pass
		Inner_1RB_Left	18.94	/	/	18.47	/	/	<=33	Pass
		Inner_1RB_Right	18.18	/	/	17.71	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.12	/	/	18.65	/	/	<=33	Pass
		Edge_1RB_Right	19.82	/	/	19.35	/	/	<=33	Pass
		Outer_Full	19.59	/	/	19.12	/	/	<=33	Pass
		Inner_Full	19.07	/	/	18.60	/	/	<=33	Pass
		Inner_1RB_Left	19.16	/	/	18.69	/	/	<=33	Pass
	2640	Inner_1RB_Right	19.84	/	/	19.37	/	/	<=33	Pass
		Edge_1RB_Left	18.95	/	/	18.48	/	/	<=33	Pass
		Edge_1RB_Right	19.86	/	/	19.39	/	/	<=33	Pass
		Outer_Full	20.49	/	/	20.02	/	/	<=33	Pass
		Inner_Full	20.42	/	/	19.95	/	/	<=33	Pass
CP-OFDM 16 QAM	2546.01	Inner_1RB_Left	18.96	/	/	18.49	/	/	<=33	Pass
		Inner_1RB_Right	19.92	/	/	19.45	/	/	<=33	Pass
	2640	Edge_1RB_Left	19.87	/	/	19.40	/	/	<=33	Pass
		Edge_1RB_Right	19.11	/	/	18.64	/	/	<=33	Pass
		Outer_Full	20.37	/	/	19.90	/	/	<=33	Pass
	2592.99	Inner_Full	20.20	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Left	19.89	/	/	19.42	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	18.77	/	/	<=33	Pass
	2546.01	Edge_1RB_Left	18.91	/	/	18.44	/	/	<=33	Pass
		Edge_1RB_Right	19.59	/	/	19.12	/	/	<=33	Pass
		Outer_Full	19.57	/	/	19.10	/	/	<=33	Pass
		Inner_Full	19.07	/	/	18.60	/	/	<=33	Pass
		Inner_1RB_Left	18.98	/	/	18.51	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	19.66	/	/	19.19	/	/	<=33	Pass
		Edge_1RB_Left	18.71	/	/	18.24	/	/	<=33	Pass
		Edge_1RB_Right	19.59	/	/	19.12	/	/	<=33	Pass
		Outer_Full	20.47	/	/	20.00	/	/	<=33	Pass
		Inner_Full	20.41	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Left	18.77	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Right	19.68	/	/	19.21	/	/	<=33	Pass

	2640	Edge_1RB_Left	19.72	/	/	19.25	/	/	<=33	Pass
		Edge_1RB_Right	18.97	/	/	18.50	/	/	<=33	Pass
		Outer_Full	20.35	/	/	19.88	/	/	<=33	Pass
		Inner_Full	20.21	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Left	19.78	/	/	19.31	/	/	<=33	Pass
		Inner_1RB_Right	19.14	/	/	18.67	/	/	<=33	Pass
CP-OFDM 64 QAM	2546.01	Edge_1RB_Left	19.36	/	/	18.89	/	/	<=33	Pass
		Edge_1RB_Right	20.01	/	/	19.54	/	/	<=33	Pass
		Outer_Full	19.12	/	/	18.65	/	/	<=33	Pass
		Inner_Full	19.06	/	/	18.59	/	/	<=33	Pass
		Inner_1RB_Left	19.42	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	20.08	/	/	19.61	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.07	/	/	18.60	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	19.44	/	/	<=33	Pass
		Outer_Full	20.07	/	/	19.60	/	/	<=33	Pass
		Inner_Full	20.41	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	18.66	/	/	<=33	Pass
		Inner_1RB_Right	20.01	/	/	19.54	/	/	<=33	Pass
	2640	Edge_1RB_Left	20.07	/	/	19.60	/	/	<=33	Pass
		Edge_1RB_Right	19.33	/	/	18.86	/	/	<=33	Pass
		Outer_Full	19.92	/	/	19.45	/	/	<=33	Pass
		Inner_Full	20.21	/	/	19.74	/	/	<=33	Pass
		Inner_1RB_Left	20.14	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Right	19.50	/	/	19.03	/	/	<=33	Pass
CP-OFDM 256 QAM	2546.01	Edge_1RB_Left	16.58	/	/	16.11	/	/	<=33	Pass
		Edge_1RB_Right	17.36	/	/	16.89	/	/	<=33	Pass
		Outer_Full	16.55	/	/	16.08	/	/	<=33	Pass
		Inner_Full	16.53	/	/	16.06	/	/	<=33	Pass
		Inner_1RB_Left	16.66	/	/	16.19	/	/	<=33	Pass
		Inner_1RB_Right	17.48	/	/	17.01	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	16.38	/	/	15.91	/	/	<=33	Pass
		Edge_1RB_Right	17.32	/	/	16.85	/	/	<=33	Pass
		Outer_Full	17.53	/	/	17.06	/	/	<=33	Pass
		Inner_Full	17.94	/	/	17.47	/	/	<=33	Pass
		Inner_1RB_Left	16.44	/	/	15.97	/	/	<=33	Pass
		Inner_1RB_Right	17.44	/	/	16.97	/	/	<=33	Pass
	2640	Edge_1RB_Left	17.06	/	/	16.59	/	/	<=33	Pass
		Edge_1RB_Right	16.10	/	/	15.63	/	/	<=33	Pass
		Outer_Full	17.00	/	/	16.53	/	/	<=33	Pass
		Inner_Full	17.33	/	/	16.86	/	/	<=33	Pass
		Inner_1RB_Left	17.12	/	/	16.65	/	/	<=33	Pass
		Inner_1RB_Right	16.30	/	/	15.83	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -0.47dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_10MHz

5G NR n41 SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	3.20	0.0012	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass

			-30	NV	-1.30	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.90	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.00	0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	1.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.60	0.0033	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.60	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	50	NV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	4.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	40	NV	3.00	0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.00	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	3.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.90	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	30	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.00	0.0004	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	NV	-5.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	LV	5.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass

			10	NV	2.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.00	0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.60	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.00	0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	3.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	5.20	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.20	0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.80	0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	50	NV	5.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	LV	1.90	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.40	0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.70	0.0007	≥ -2.5 & ≤ 2.5	Pass

2.1.2 30k_SISO_15MHz

5G NR n41 SCS=30kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	5.10	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.00	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	50	NV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	40	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass

			-30	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.30	0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.80	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.90	0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.50	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.60	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	1.30	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.90	0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.60	0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	NV	0.50	0.0002	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	4.00	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.20	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.20	0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass

			10	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass

2.1.3 30k_SISO_20MHz

5G NR n41 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	3.00	0.0012	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	6.90	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	5.00	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	4.60	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	4.80	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	4.80	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	5.10	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	3.60	0.0014	>=-2.5 & <=2.5	Pass
				HV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			40	NV	3.90	0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
				HV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	3.70	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	5.20	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	4.90	0.0019	>=-2.5 & <=2.5	Pass
				HV	-0.70	-0.0003	>=-2.5 & <=2.5	Pass

			-30	NV	2.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.20	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.90	0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.00	0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.20	0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	2.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.20	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.00	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	50	NV	5.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.10	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	1.60	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.40	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.80	0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-0.30	-0.0001	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.50	0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.40	0.0005	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	40	NV	1.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-0.60	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	LV	1.60	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	3.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.40	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.20	0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.40	0.0005	≥ -2.5 & ≤ 2.5	Pass

2.1.4 30k_SISO_30MHz

5G NR n41 SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass

			40	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.60	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.40	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.20	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-1.30	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.00	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.60	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-1.90	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.10	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.20	-0.0005	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass

			-30	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.00	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-3.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.50	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass

2.1.5 30k_SISO_40MHz

5G NR n41 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 QPSK	2592.99	Outer_Full	20	LV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-5.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.70	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.60	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass

			40	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.40	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.90	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-3.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.50	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.00	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	3.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass

2.1.6 30k_SISO_50MHz

5G NR n41 SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	1.00	0.0004	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass

CP-OFDM 16 QAM	2592.99	Outer_Full	40	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	50	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	LV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	14.90	0.0057	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	21.30	0.0082	>=-2.5 & <=2.5	Pass
			10	NV	/	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	26.60	0.0103	>=-2.5 & <=2.5	Pass

2.1.7 30k_SISO_60MHz

5G NR n41 SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	1.40	0.0005	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass

			0	NV	-8.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	50	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-6.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	40	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	30	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	NV	-3.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.10	0.0004	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.00	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM 256 QAM	2592.99	Outer_Full	40	NV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.00	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass

2.1.8 30k_SISO_70MHz

5G NR n41 SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.90	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.00	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.50	0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.10	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.40	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-6.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass

			0	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	50	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-0.50	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	40	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	30	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.90	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.60	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	NV	-4.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-0.90	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.10	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass

2.1.9 30k_SISO_80MHz

5G NR n41 SCS=30kHz SISO 80MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass

				HV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.00	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.00	0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.50	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	50	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	2.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.60	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	30	NV	-6.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	10	NV	-7.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.00	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	-10	NV	-1.10	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	-30	NV	-3.00	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.20	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass

			0	NV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.90	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.50	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	50	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.90	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	40	NV	-1.20	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.70	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.50	-0.0006	≥ -2.5 & ≤ 2.5	Pass

2.1.10 30k_SISO_90MHz

5G NR n41 SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	5.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.60	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.50	0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.20	0.0028	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	50	NV	3.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	5.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	6.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.00	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.90	0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.50	0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.90	0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64	2592.99	Outer_Full	40	NV	4.20	0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.20	0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	LV	6.60	0.0025	≥ -2.5 & ≤ 2.5	Pass

QAM				HV	6.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.20	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.20	0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.30	0.0032	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.30	0.0020	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	50	NV	3.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	5.20	0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	3.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.80	0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	2.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	4.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.20	0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	50	NV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	LV	1.20	0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	7.00	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.40	0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	40	NV	6.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	LV	1.40	0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	0.70	0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.90	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	30	NV	-1.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.80	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	5.10	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.80	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.70	0.0022	≥ -2.5 & ≤ 2.5	Pass

			0	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	5.20	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	6.30	0.0024	>=-2.5 & <=2.5	Pass
			50	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass

2.1.11 30k_SISO_100MHz

5G NR n41 SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	5.50	0.0021	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	5.00	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	6.50	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	6.70	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	8.00	0.0031	>=-2.5 & <=2.5	Pass
			20	NV	6.50	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	5.20	0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	2.10	0.0008	>=-2.5 & <=2.5	Pass
				HV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	6.20	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
				HV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	6.70	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			40	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	1.50	0.0006	>=-2.5 & <=2.5	Pass
				HV	3.20	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	4.00	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	NV	4.70	0.0018	>=-2.5 & <=2.5	Pass
				LV	3.80	0.0015	>=-2.5 & <=2.5	Pass

				HV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.40	0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	0.50	0.0002	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	50	NV	4.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	2.20	0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.20	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.10	0.0004	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	30	NV	3.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	4.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	1.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.90	0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	10	NV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.80	0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	2.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.60	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-0.90	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.30	0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	0.90	0.0003	≥ -2.5 & ≤ 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

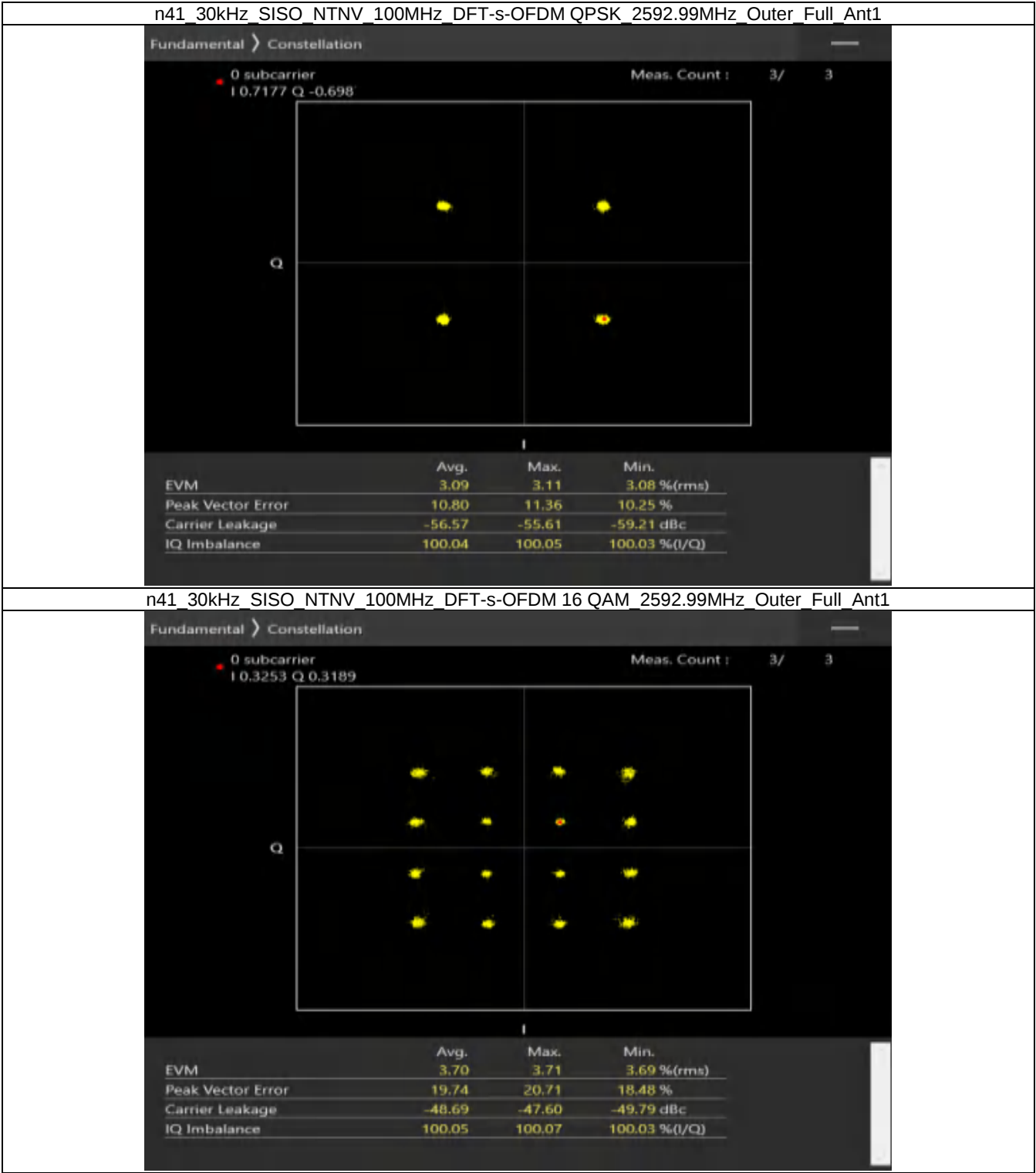
3.1.1 30k_SISO_100MHz_NTNV

5G NR n41 SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	Refer To Test Graph				Pass

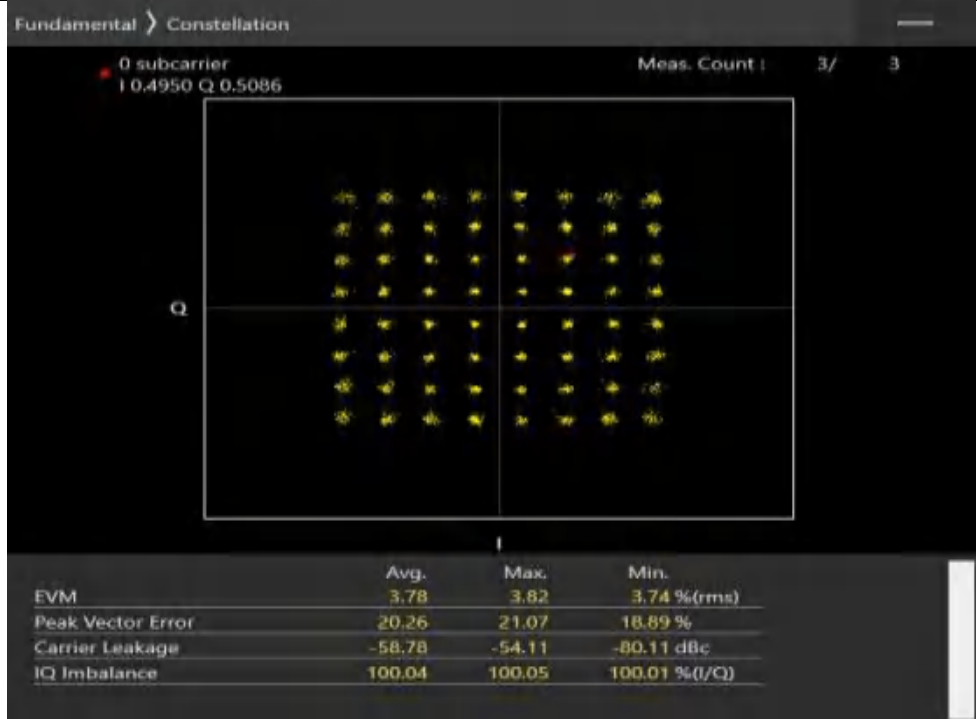
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	2592.99	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	Refer To Test Graph	Pass

3.2 Test Graph

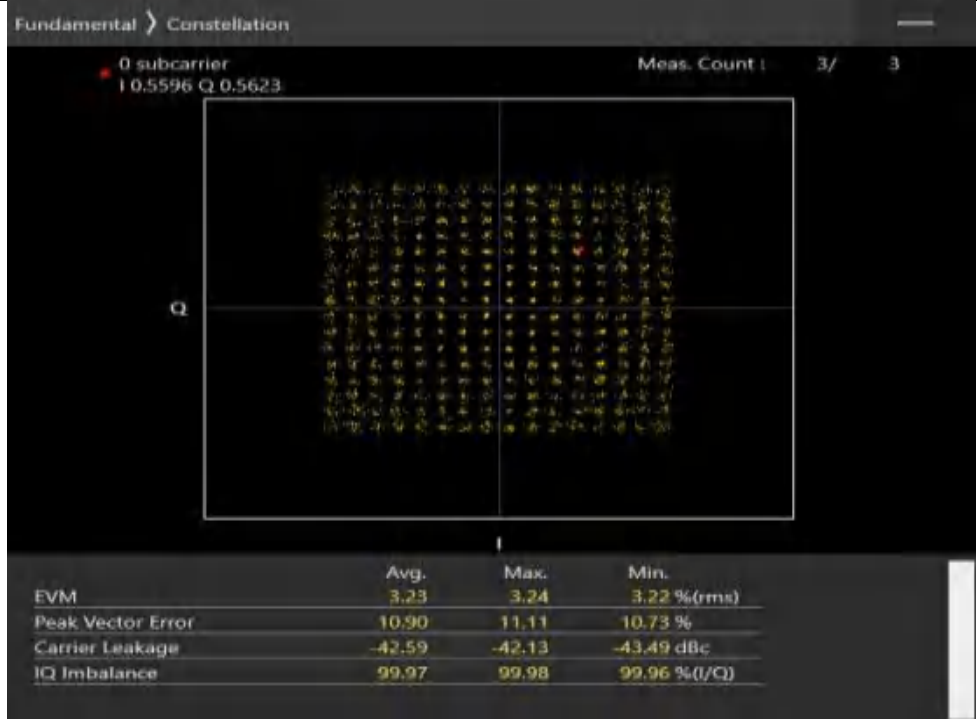
3.2.1 30k_SISO_100MHz_NTNV



n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant1

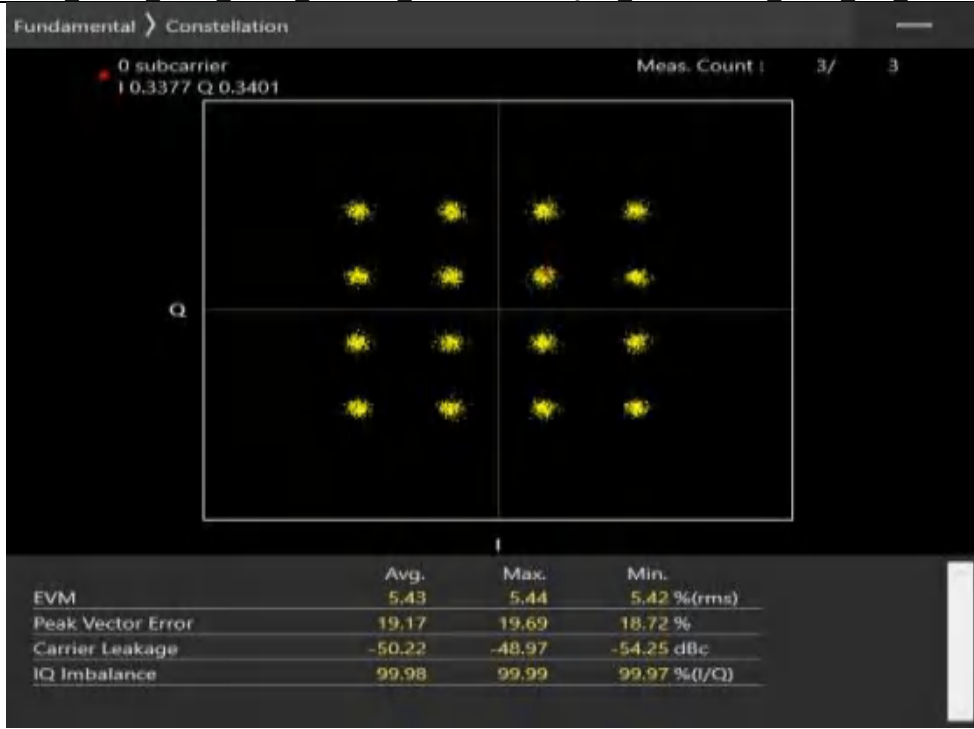


n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant1



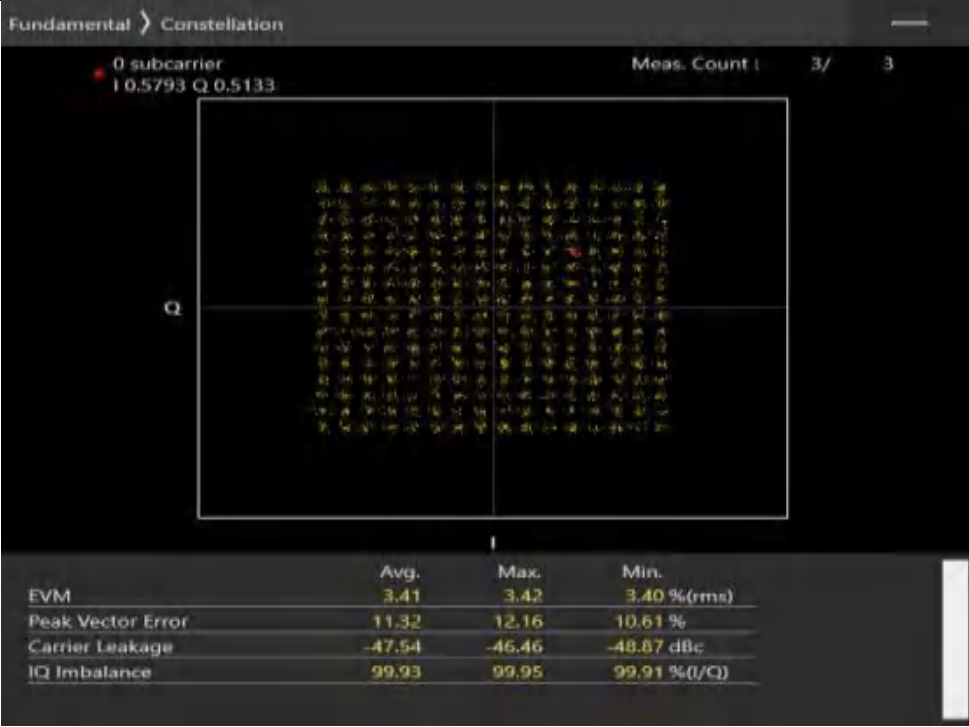
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant1

n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant1

n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant1



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 30k_SISO_10MHz_NTNV

5G NR n41 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2501.01	Outer_Full	8.77	10.04	/	Pass
	2592.99	Outer_Full	8.73	10.04	/	Pass
	2685	Outer_Full	8.75	9.97	/	Pass
DFT-s-OFDM 16 QAM	2501.01	Outer_Full	8.68	10.53	/	Pass
	2592.99	Outer_Full	8.77	10.01	/	Pass
	2685	Outer_Full	8.69	10.45	/	Pass
DFT-s-OFDM 64 QAM	2501.01	Outer_Full	8.81	9.90	/	Pass
	2592.99	Outer_Full	8.81	10.01	/	Pass
	2685	Outer_Full	8.74	9.99	/	Pass
DFT-s-OFDM 256 QAM	2501.01	Outer_Full	8.70	9.83	/	Pass
	2592.99	Outer_Full	8.68	9.90	/	Pass
	2685	Outer_Full	8.72	9.93	/	Pass
CP-OFDM QPSK	2501.01	Outer_Full	8.76	9.94	/	Pass
	2592.99	Outer_Full	8.82	10.82	/	Pass
	2685	Outer_Full	8.74	9.82	/	Pass
CP-OFDM 16 QAM	2501.01	Outer_Full	8.74	10.21	/	Pass
	2592.99	Outer_Full	8.78	11.95	/	Pass
	2685	Outer_Full	8.72	10.18	/	Pass
CP-OFDM 64 QAM	2501.01	Outer_Full	8.72	10.29	/	Pass
	2592.99	Outer_Full	8.80	11.75	/	Pass
	2685	Outer_Full	8.73	10.21	/	Pass
CP-OFDM 256 QAM	2501.01	Outer_Full	8.77	9.86	/	Pass
	2592.99	Outer_Full	8.78	9.88	/	Pass
	2685	Outer_Full	8.78	9.88	/	Pass

4.1.2 30k_SISO_15MHz_NTNV

5G NR n41 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2503.5	Outer_Full	13.18	15.53	/	Pass
	2592.99	Outer_Full	13.12	15.28	/	Pass
	2682.48	Outer_Full	13.39	14.69	/	Pass
DFT-s-OFDM 16 QAM	2503.5	Outer_Full	13.11	15.34	/	Pass
	2592.99	Outer_Full	13.12	15.22	/	Pass
	2682.48	Outer_Full	13.36	15.69	/	Pass
DFT-s-OFDM 64 QAM	2503.5	Outer_Full	13.15	14.80	/	Pass
	2592.99	Outer_Full	13.26	14.90	/	Pass
	2682.48	Outer_Full	13.39	15.16	/	Pass
DFT-s-OFDM 256 QAM	2503.5	Outer_Full	13.08	14.95	/	Pass
	2592.99	Outer_Full	13.12	14.71	/	Pass
	2682.48	Outer_Full	13.35	13.99	/	Pass
CP-OFDM QPSK	2503.5	Outer_Full	13.81	15.17	/	Pass
	2592.99	Outer_Full	13.90	18.57	/	Pass

	2682.48	Outer_Full	14.01	14.98	/	Pass
CP-OFDM 16 QAM	2503.5	Outer_Full	13.82	15.29	/	Pass
	2592.99	Outer_Full	13.96	22.25	/	Pass
	2682.48	Outer_Full	14.08	15.22	/	Pass
CP-OFDM 64 QAM	2503.5	Outer_Full	13.86	16.01	/	Pass
	2592.99	Outer_Full	13.95	17.60	/	Pass
	2682.48	Outer_Full	14.06	15.37	/	Pass
CP-OFDM 256 QAM	2503.5	Outer_Full	13.78	15.12	/	Pass
	2592.99	Outer_Full	13.86	15.15	/	Pass
	2682.48	Outer_Full	14.03	14.65	/	Pass

4.1.3 30k_SISO_20MHz_NTNV

5G NR n41 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2506.02	Outer_Full	18.48	19.91	/	Pass
	2592.99	Outer_Full	18.53	19.58	/	Pass
	2679.99	Outer_Full	18.54	19.40	/	Pass
DFT-s-OFDM 16 QAM	2506.02	Outer_Full	18.39	20.32	/	Pass
	2592.99	Outer_Full	18.39	20.03	/	Pass
	2679.99	Outer_Full	18.46	19.91	/	Pass
DFT-s-OFDM 64 QAM	2506.02	Outer_Full	18.54	19.78	/	Pass
	2592.99	Outer_Full	18.56	20.04	/	Pass
	2679.99	Outer_Full	18.54	20.01	/	Pass
DFT-s-OFDM 256 QAM	2506.02	Outer_Full	18.52	19.67	/	Pass
	2592.99	Outer_Full	18.48	20.39	/	Pass
	2679.99	Outer_Full	18.39	19.44	/	Pass
CP-OFDM QPSK	2506.02	Outer_Full	18.81	20.00	/	Pass
	2592.99	Outer_Full	18.92	20.41	/	Pass
	2679.99	Outer_Full	18.81	20.69	/	Pass
CP-OFDM 16 QAM	2506.02	Outer_Full	18.94	20.28	/	Pass
	2592.99	Outer_Full	19.01	19.84	/	Pass
	2679.99	Outer_Full	18.83	20.27	/	Pass
CP-OFDM 64 QAM	2506.02	Outer_Full	18.90	20.43	/	Pass
	2592.99	Outer_Full	18.97	20.60	/	Pass
	2679.99	Outer_Full	18.83	20.50	/	Pass
CP-OFDM 256 QAM	2506.02	Outer_Full	18.87	19.97	/	Pass
	2592.99	Outer_Full	18.82	20.15	/	Pass
	2679.99	Outer_Full	18.77	20.02	/	Pass

4.1.4 30k_SISO_30MHz_NTNV

5G NR n41 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2511	Outer_Full	27.22	29.14	/	Pass
	2592.99	Outer_Full	27.77	29.26	/	Pass
	2674.98	Outer_Full	27.67	29.35	/	Pass
DFT-s-OFDM 16 QAM	2511	Outer_Full	27.77	29.33	/	Pass
	2592.99	Outer_Full	27.78	29.24	/	Pass
	2674.98	Outer_Full	27.71	29.14	/	Pass
DFT-s-OFDM 64 QAM	2511	Outer_Full	27.78	29.33	/	Pass
	2592.99	Outer_Full	27.80	29.11	/	Pass
	2674.98	Outer_Full	27.74	29.13	/	Pass

DFT-s-OFDM 256 QAM	2511	Outer_Full	27.75	29.24	/	Pass
	2592.99	Outer_Full	27.69	29.00	/	Pass
	2674.98	Outer_Full	27.62	29.02	/	Pass
CP-OFDM QPSK	2511	Outer_Full	28.74	30.14	/	Pass
	2592.99	Outer_Full	28.91	30.29	/	Pass
	2674.98	Outer_Full	28.77	30.18	/	Pass
CP-OFDM 16 QAM	2511	Outer_Full	28.88	30.03	/	Pass
	2592.99	Outer_Full	28.95	30.00	/	Pass
	2674.98	Outer_Full	28.71	30.02	/	Pass
CP-OFDM 64 QAM	2511	Outer_Full	28.75	30.09	/	Pass
	2592.99	Outer_Full	28.82	30.18	/	Pass
	2674.98	Outer_Full	28.65	29.97	/	Pass
CP-OFDM 256 QAM	2511	Outer_Full	28.77	30.01	/	Pass
	2592.99	Outer_Full	28.72	29.89	/	Pass
	2674.98	Outer_Full	28.64	30.09	/	Pass

4.1.5 30k_SISO_40MHz_NTNV

5G NR n41 SCS=30kHz SISO 40MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2516.01	Outer_Full	36.25	38.69	/	Pass
	2592.99	Outer_Full	37.01	38.77	/	Pass
	2670	Outer_Full	36.89	38.92	/	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer_Full	36.95	38.86	/	Pass
	2592.99	Outer_Full	37.06	38.89	/	Pass
	2670	Outer_Full	36.96	38.78	/	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer_Full	36.98	38.89	/	Pass
	2592.99	Outer_Full	37.04	38.83	/	Pass
	2670	Outer_Full	37.04	38.66	/	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer_Full	36.97	38.63	/	Pass
	2592.99	Outer_Full	37.11	38.64	/	Pass
	2670	Outer_Full	36.84	38.49	/	Pass
CP-OFDM QPSK	2516.01	Outer_Full	39.10	40.87	/	Pass
	2592.99	Outer_Full	39.32	40.80	/	Pass
	2670	Outer_Full	39.06	40.79	/	Pass
CP-OFDM 16 QAM	2516.01	Outer_Full	39.02	40.77	/	Pass
	2592.99	Outer_Full	39.31	40.91	/	Pass
	2670	Outer_Full	38.98	40.67	/	Pass
CP-OFDM 64 QAM	2516.01	Outer_Full	39.04	40.81	/	Pass
	2592.99	Outer_Full	39.30	40.72	/	Pass
	2670	Outer_Full	39.05	40.72	/	Pass
CP-OFDM 256 QAM	2516.01	Outer_Full	38.98	40.57	/	Pass
	2592.99	Outer_Full	39.09	40.65	/	Pass
	2670	Outer_Full	38.95	40.50	/	Pass

4.1.6 30k_SISO_50MHz_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2521.02	Outer_Full	47.07	49.39	/	Pass
	2592.99	Outer_Full	47.34	49.55	/	Pass
	2664.99	Outer_Full	47.07	49.37	/	Pass
DFT-s-OFDM 16 QAM	2521.02	Outer_Full	47.24	49.52	/	Pass

	2592.99	Outer_Full	47.32	49.56	/	Pass
	2664.99	Outer_Full	47.04	49.41	/	Pass
DFT-s-OFDM 64 QAM	2521.02	Outer_Full	47.06	49.36	/	Pass
	2592.99	Outer_Full	47.13	48.78	/	Pass
	2664.99	Outer_Full	47.14	49.36	/	Pass
DFT-s-OFDM 256 QAM	2521.02	Outer_Full	47.24	49.33	/	Pass
	2592.99	Outer_Full	47.34	49.33	/	Pass
	2664.99	Outer_Full	47.07	49.25	/	Pass
CP-OFDM QPSK	2521.02	Outer_Full	48.89	51.13	/	Pass
	2592.99	Outer_Full	49.37	51.24	/	Pass
	2664.99	Outer_Full	48.97	51.22	/	Pass
CP-OFDM 16 QAM	2521.02	Outer_Full	48.75	50.96	/	Pass
	2592.99	Outer_Full	49.26	51.11	/	Pass
	2664.99	Outer_Full	48.98	51.14	/	Pass
CP-OFDM 64 QAM	2521.02	Outer_Full	48.84	51.07	/	Pass
	2592.99	Outer_Full	49.22	51.24	/	Pass
	2664.99	Outer_Full	49.00	51.12	/	Pass
CP-OFDM 256 QAM	2521.02	Outer_Full	48.73	51.01	/	Pass
	2592.99	Outer_Full	49.03	51.00	/	Pass
	2664.99	Outer_Full	48.70	50.79	/	Pass

4.1.7 30k_SISO_60MHz_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2526	Outer_Full	59.56	62.39	/	Pass
	2592.99	Outer_Full	59.77	62.43	/	Pass
	2659.98	Outer_Full	59.44	62.01	/	Pass
DFT-s-OFDM 16 QAM	2526	Outer_Full	59.60	62.28	/	Pass
	2592.99	Outer_Full	59.74	62.35	/	Pass
	2659.98	Outer_Full	59.37	62.19	/	Pass
DFT-s-OFDM 64 QAM	2526	Outer_Full	59.31	62.34	/	Pass
	2592.99	Outer_Full	59.80	62.38	/	Pass
	2659.98	Outer_Full	59.47	62.22	/	Pass
DFT-s-OFDM 256 QAM	2526	Outer_Full	59.69	62.18	/	Pass
	2592.99	Outer_Full	59.71	62.16	/	Pass
	2659.98	Outer_Full	59.48	62.05	/	Pass
CP-OFDM QPSK	2526	Outer_Full	59.61	62.56	/	Pass
	2592.99	Outer_Full	59.91	62.40	/	Pass
	2659.98	Outer_Full	58.74	62.87	/	Pass
CP-OFDM 16 QAM	2526	Outer_Full	59.44	62.33	/	Pass
	2592.99	Outer_Full	59.92	62.44	/	Pass
	2659.98	Outer_Full	59.47	62.32	/	Pass
CP-OFDM 64 QAM	2526	Outer_Full	59.47	62.24	/	Pass
	2592.99	Outer_Full	59.89	62.33	/	Pass
	2659.98	Outer_Full	59.46	62.22	/	Pass
CP-OFDM 256 QAM	2526	Outer_Full	59.48	62.10	/	Pass
	2592.99	Outer_Full	59.48	61.91	/	Pass
	2659.98	Outer_Full	59.34	61.98	/	Pass

4.1.8 30k_SISO_70MHz_NTNV

5G NR n41 SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	2531.01	Outer_Full	66.38	69.53	/	Pass
	2592.99	Outer_Full	66.78	69.58	/	Pass
	2655	Outer_Full	66.38	69.79	/	Pass
DFT-s-OFDM 16 QAM	2531.01	Outer_Full	66.56	69.55	/	Pass
	2592.99	Outer_Full	66.73	69.84	/	Pass
	2655	Outer_Full	66.40	69.52	/	Pass
DFT-s-OFDM 64 QAM	2531.01	Outer_Full	65.81	69.30	/	Pass
	2592.99	Outer_Full	66.78	69.77	/	Pass
	2655	Outer_Full	66.43	69.41	/	Pass
DFT-s-OFDM 256 QAM	2531.01	Outer_Full	66.66	69.46	/	Pass
	2592.99	Outer_Full	66.85	69.58	/	Pass
	2655	Outer_Full	66.48	69.42	/	Pass
CP-OFDM QPSK	2531.01	Outer_Full	69.95	72.94	/	Pass
	2592.99	Outer_Full	70.31	73.04	/	Pass
	2655	Outer_Full	69.96	72.87	/	Pass
CP-OFDM 16 QAM	2531.01	Outer_Full	69.84	72.73	/	Pass
	2592.99	Outer_Full	70.20	72.53	/	Pass
	2655	Outer_Full	69.81	73.04	/	Pass
CP-OFDM 64 QAM	2531.01	Outer_Full	69.73	73.08	/	Pass
	2592.99	Outer_Full	70.20	72.93	/	Pass
	2655	Outer_Full	69.93	72.82	/	Pass
CP-OFDM 256 QAM	2531.01	Outer_Full	69.67	72.44	/	Pass
	2592.99	Outer_Full	69.83	72.62	/	Pass
	2655	Outer_Full	69.55	72.57	/	Pass

4.1.9 30k_SISO_80MHz_NTNV

5G NR n41 SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2536.02	Outer_Full	79.49	83.16	/	Pass
	2592.99	Outer_Full	79.70	83.24	/	Pass
	2649.99	Outer_Full	79.39	83.20	/	Pass
DFT-s-OFDM 16 QAM	2536.02	Outer_Full	79.47	83.00	/	Pass
	2592.99	Outer_Full	78.30	83.00	/	Pass
	2649.99	Outer_Full	79.32	83.15	/	Pass
DFT-s-OFDM 64 QAM	2536.02	Outer_Full	79.48	83.11	/	Pass
	2592.99	Outer_Full	79.81	83.15	/	Pass
	2649.99	Outer_Full	79.52	83.06	/	Pass
DFT-s-OFDM 256 QAM	2536.02	Outer_Full	79.42	83.06	/	Pass
	2592.99	Outer_Full	79.63	82.91	/	Pass
	2649.99	Outer_Full	79.45	82.87	/	Pass
CP-OFDM QPSK	2536.02	Outer_Full	79.78	83.38	/	Pass
	2592.99	Outer_Full	80.25	83.67	/	Pass
	2649.99	Outer_Full	79.89	83.54	/	Pass
CP-OFDM 16 QAM	2536.02	Outer_Full	79.77	83.62	/	Pass
	2592.99	Outer_Full	80.27	83.64	/	Pass
	2649.99	Outer_Full	79.85	83.66	/	Pass
CP-OFDM 64 QAM	2536.02	Outer_Full	79.84	83.45	/	Pass
	2592.99	Outer_Full	80.08	83.52	/	Pass
	2649.99	Outer_Full	79.78	83.54	/	Pass
CP-OFDM 256 QAM	2536.02	Outer_Full	79.80	83.15	/	Pass
	2592.99	Outer_Full	80.04	83.29	/	Pass
	2649.99	Outer_Full	79.79	83.11	/	Pass

4.1.10 30k_SISO_90MHz_NTNV

5G NR n41 SCS=30kHz SISO 90MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2541	Outer_Full	89.28	93.61	/	Pass
	2592.99	Outer_Full	89.49	93.63	/	Pass
	2644.98	Outer_Full	89.03	93.40	/	Pass
DFT-s-OFDM 16 QAM	2541	Outer_Full	89.15	93.32	/	Pass
	2592.99	Outer_Full	89.37	93.48	/	Pass
	2644.98	Outer_Full	89.06	93.40	/	Pass
DFT-s-OFDM 64 QAM	2541	Outer_Full	89.35	93.39	/	Pass
	2592.99	Outer_Full	89.49	93.63	/	Pass
	2644.98	Outer_Full	89.33	93.35	/	Pass
DFT-s-OFDM 256 QAM	2541	Outer_Full	89.46	93.11	/	Pass
	2592.99	Outer_Full	89.58	93.37	/	Pass
	2644.98	Outer_Full	89.31	92.76	/	Pass
CP-OFDM QPSK	2541	Outer_Full	90.23	94.42	/	Pass
	2592.99	Outer_Full	90.30	94.38	/	Pass
	2644.98	Outer_Full	90.30	94.07	/	Pass
CP-OFDM 16 QAM	2541	Outer_Full	90.11	94.16	/	Pass
	2592.99	Outer_Full	90.17	94.27	/	Pass
	2644.98	Outer_Full	89.98	94.05	/	Pass
CP-OFDM 64 QAM	2541	Outer_Full	89.90	94.07	/	Pass
	2592.99	Outer_Full	90.30	94.33	/	Pass
	2644.98	Outer_Full	89.87	93.80	/	Pass
CP-OFDM 256 QAM	2541	Outer_Full	89.87	93.86	/	Pass
	2592.99	Outer_Full	90.13	93.93	/	Pass
	2644.98	Outer_Full	89.78	93.83	/	Pass

4.1.11 30k_SISO_100MHz_NTNV

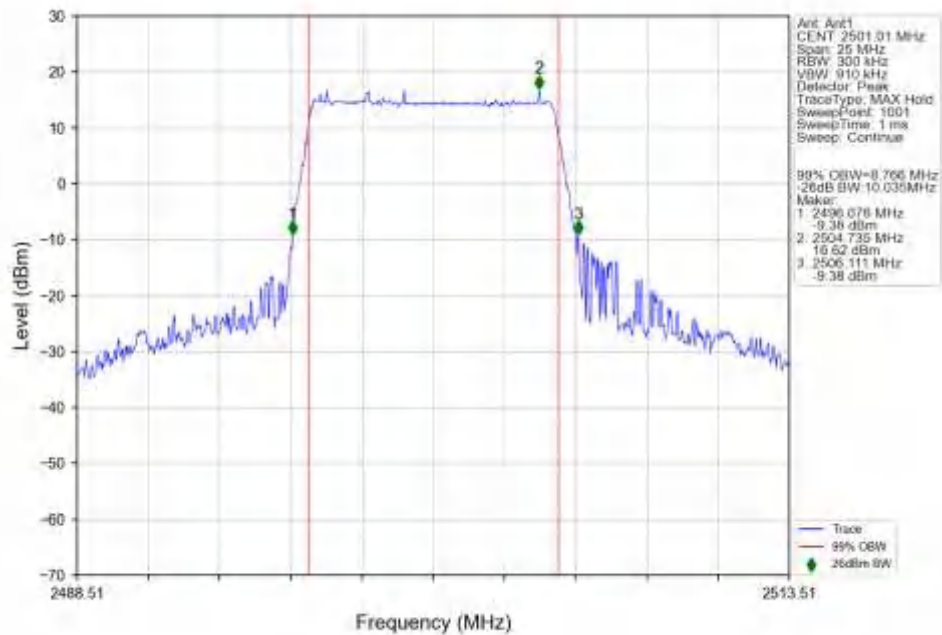
5G NR n41 SCS=30kHz SISO 100MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2546.01	Outer_Full	99.52	104.07	/	Pass
	2592.99	Outer_Full	99.50	104.34	/	Pass
	2640	Outer_Full	99.11	104.01	/	Pass
DFT-s-OFDM 16 QAM	2546.01	Outer_Full	99.30	104.11	/	Pass
	2592.99	Outer_Full	98.99	103.65	/	Pass
	2640	Outer_Full	98.99	103.78	/	Pass
DFT-s-OFDM 64 QAM	2546.01	Outer_Full	99.33	104.06	/	Pass
	2592.99	Outer_Full	99.27	104.22	/	Pass
	2640	Outer_Full	98.97	103.79	/	Pass
DFT-s-OFDM 256 QAM	2546.01	Outer_Full	99.58	103.82	/	Pass
	2592.99	Outer_Full	99.21	104.10	/	Pass
	2640	Outer_Full	98.90	103.55	/	Pass
CP-OFDM QPSK	2546.01	Outer_Full	100.44	105.11	/	Pass
	2592.99	Outer_Full	100.56	105.31	/	Pass
	2640	Outer_Full	100.04	104.81	/	Pass
CP-OFDM 16 QAM	2546.01	Outer_Full	100.37	105.16	/	Pass
	2592.99	Outer_Full	100.43	105.39	/	Pass
	2640	Outer_Full	100.03	105.01	/	Pass
CP-OFDM 64 QAM	2546.01	Outer_Full	100.69	105.19	/	Pass
	2592.99	Outer_Full	100.66	105.45	/	Pass
	2640	Outer_Full	100.11	105.05	/	Pass
CP-OFDM 256 QAM	2546.01	Outer_Full	100.53	104.88	/	Pass

	2592.99	Outer_Full	100.20	104.90	/	Pass
	2640	Outer_Full	99.93	104.36	/	Pass

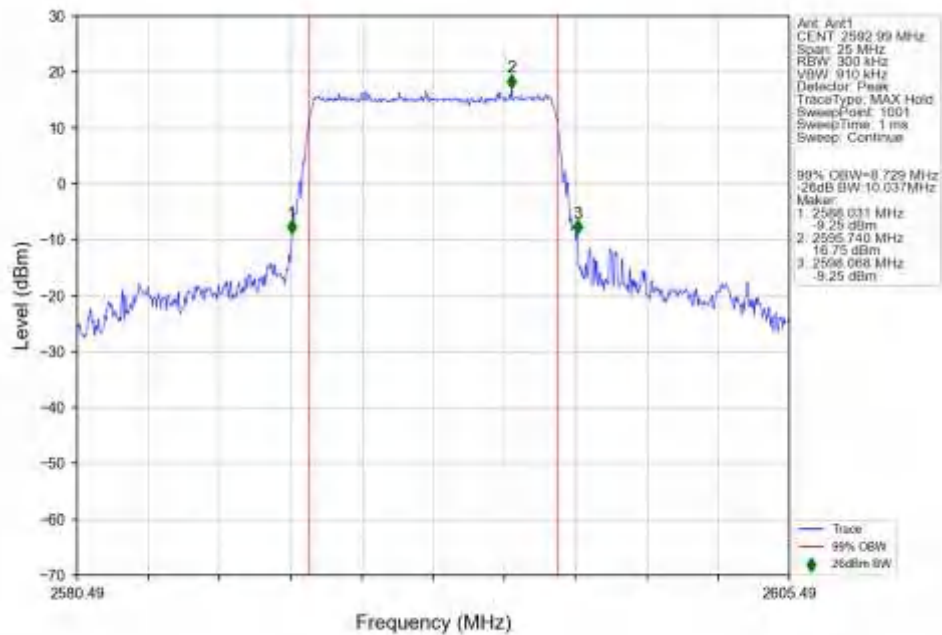
4.2 Test Graph

4.2.1 30k_SISO_10MHz_NTNV

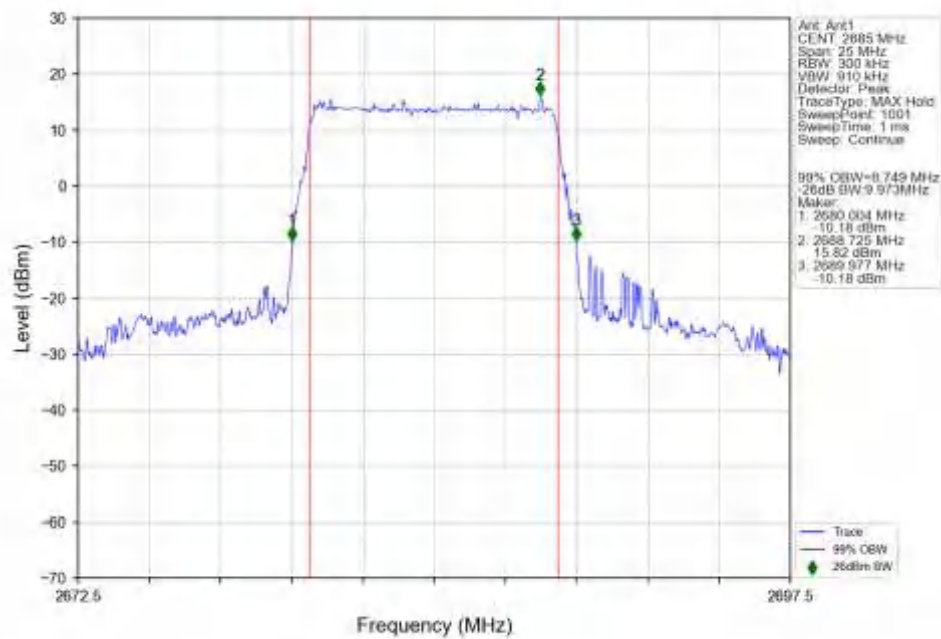
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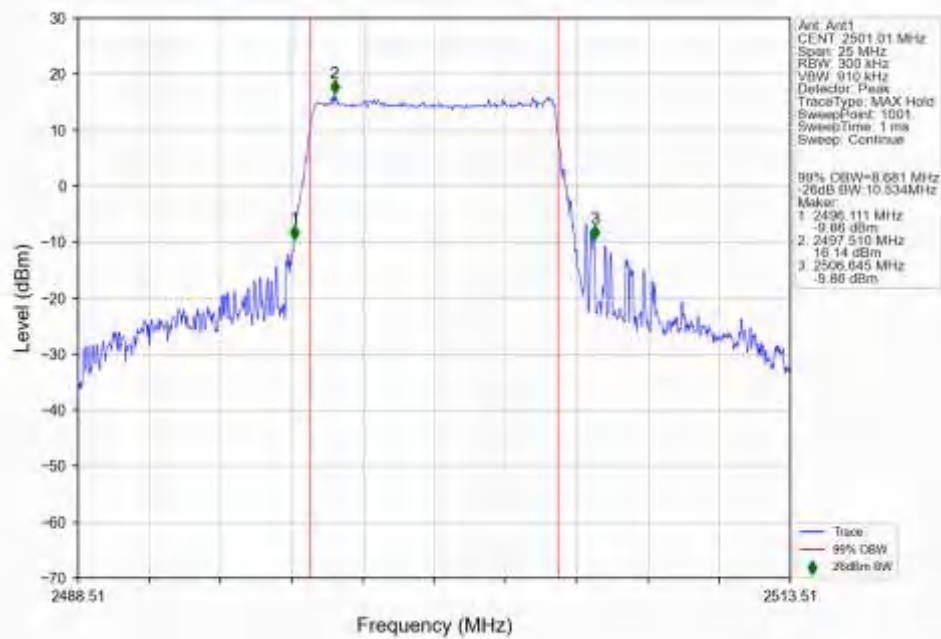
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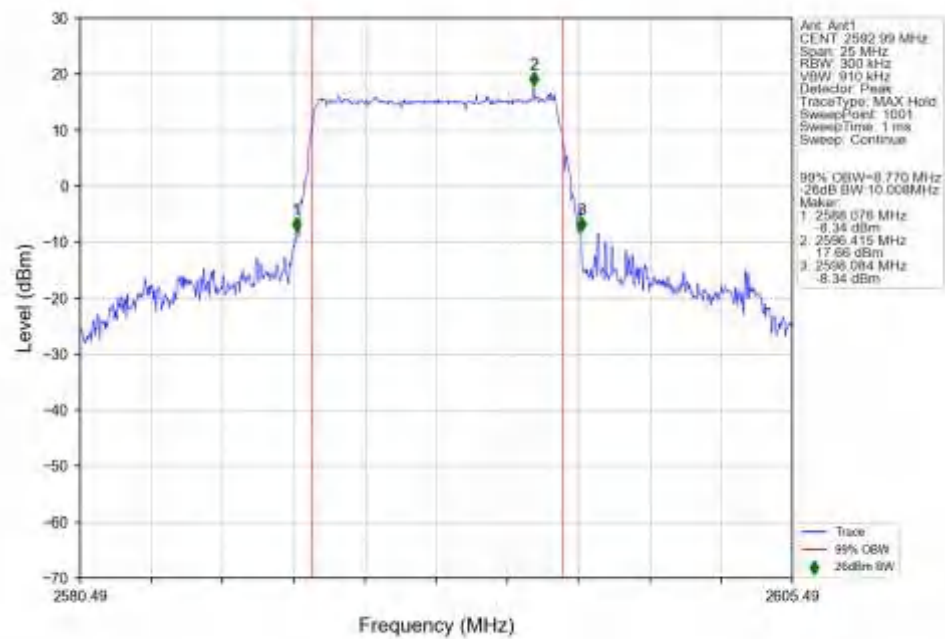
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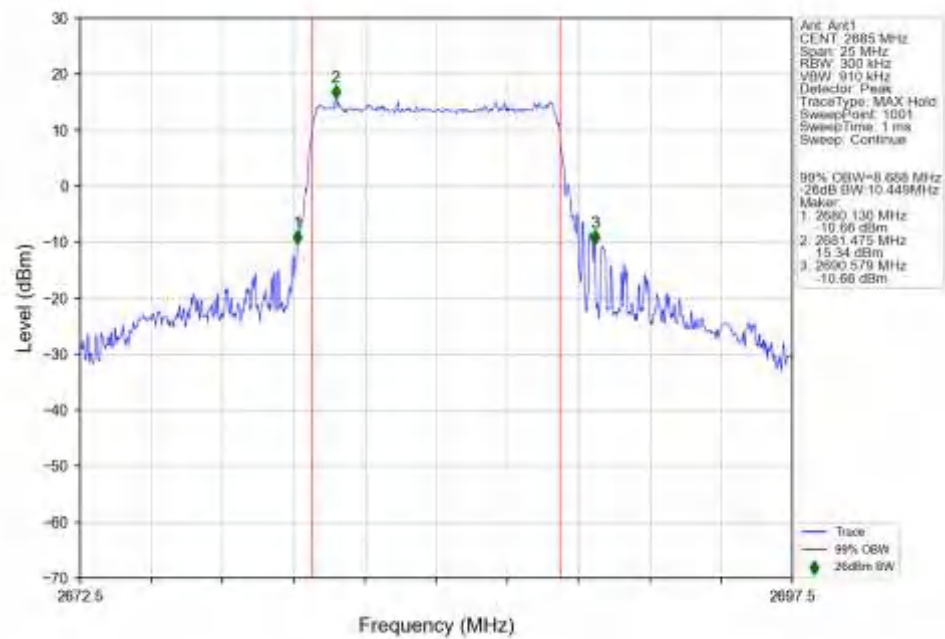
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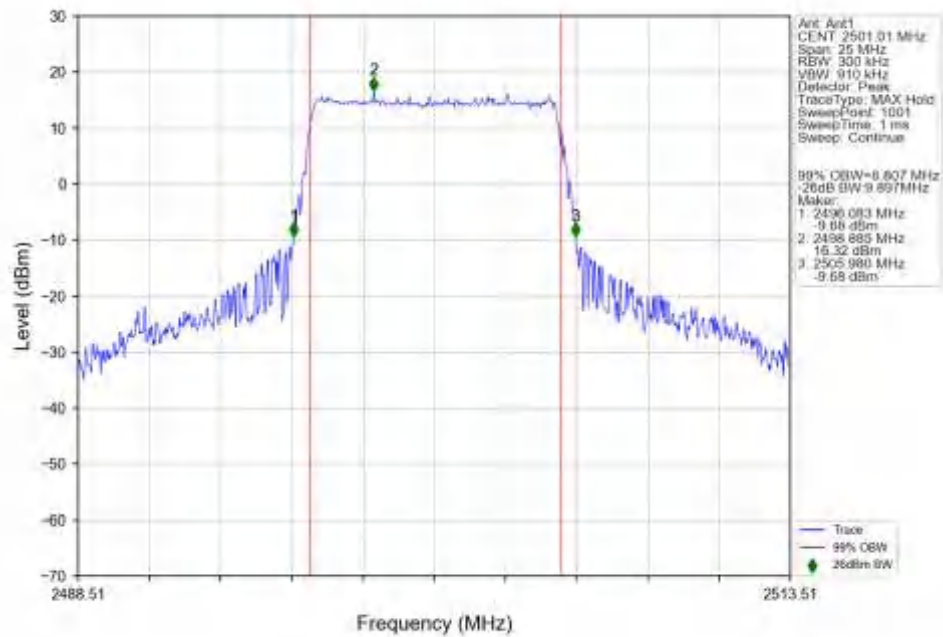
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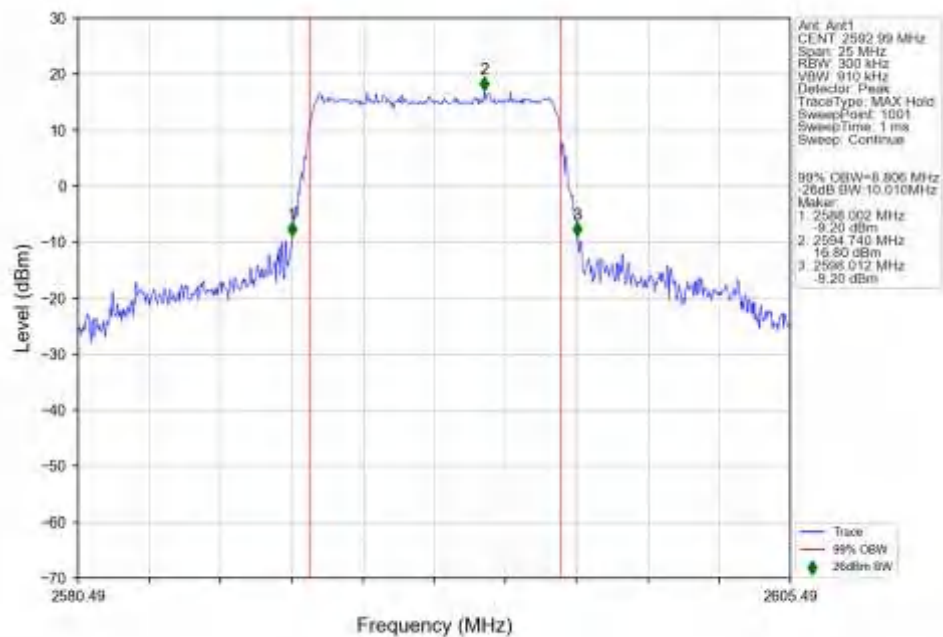
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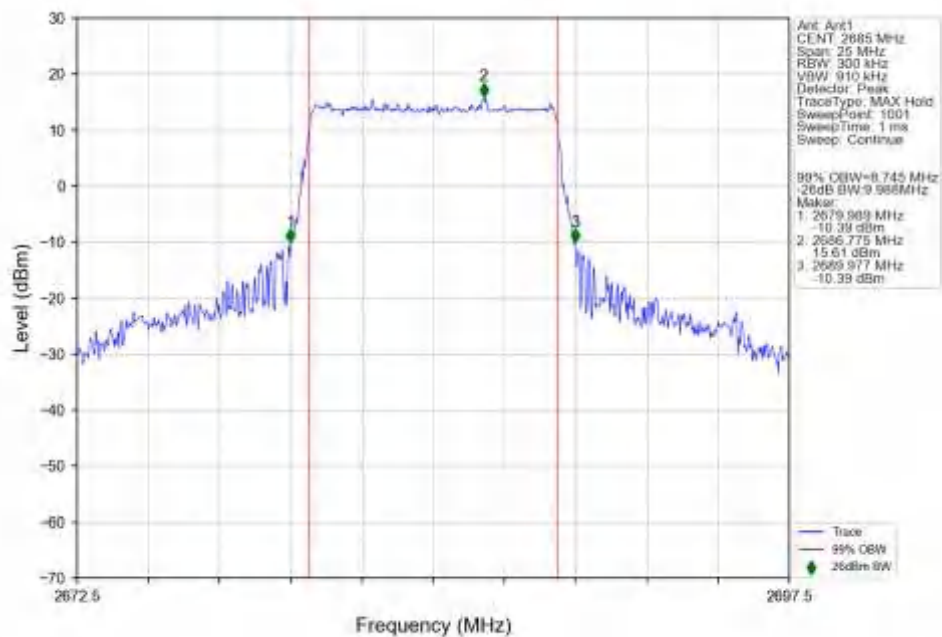
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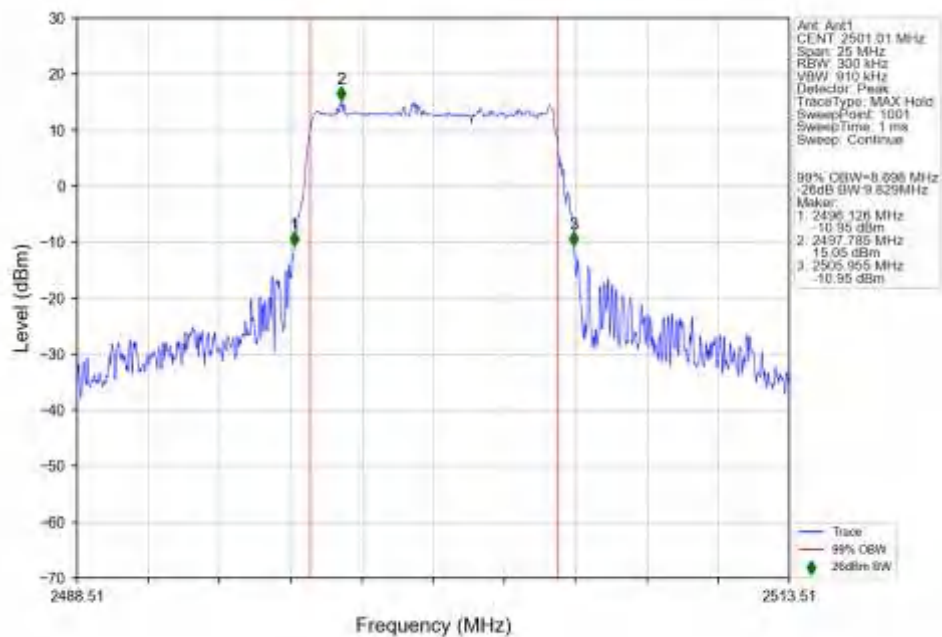
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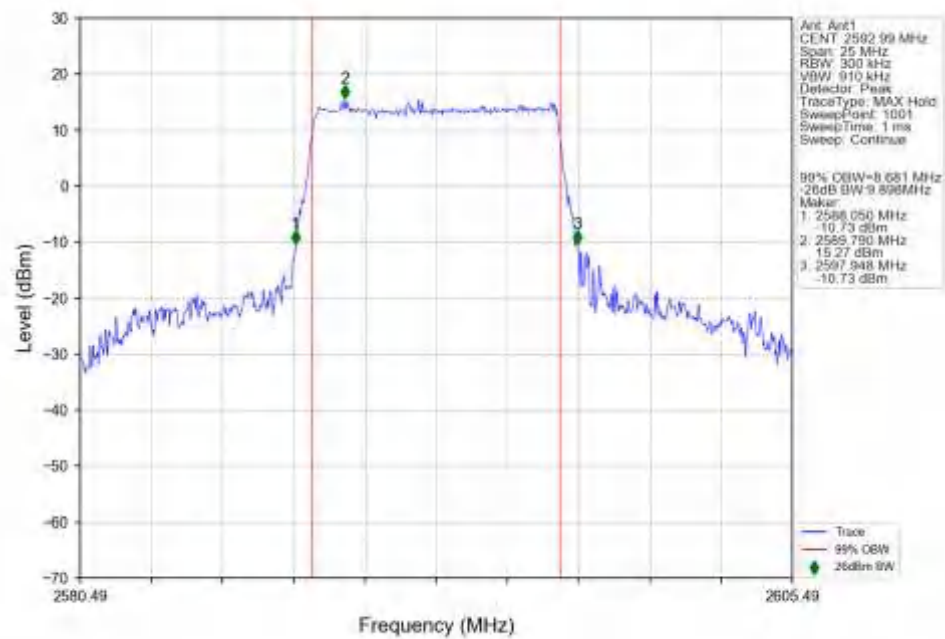
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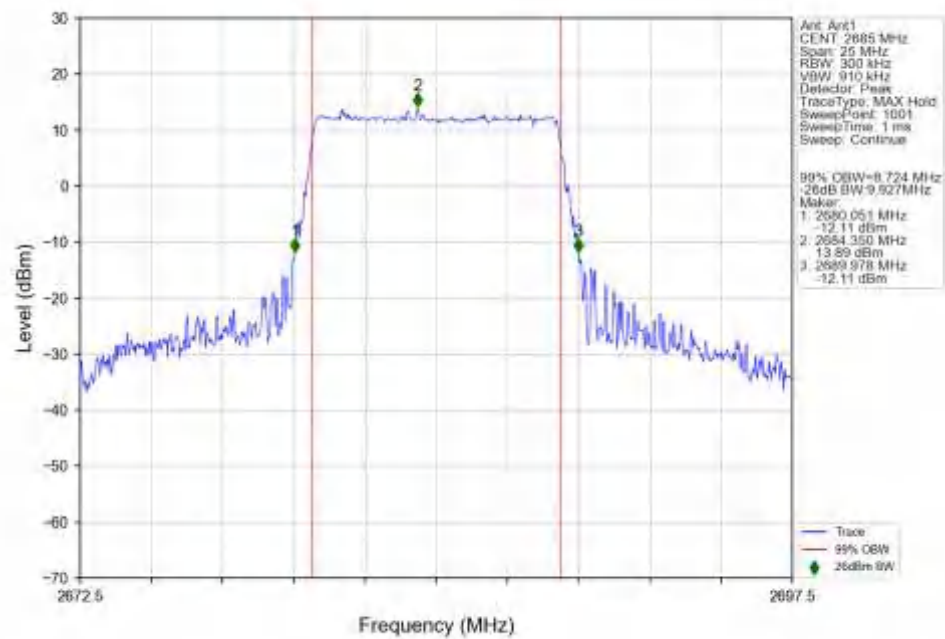
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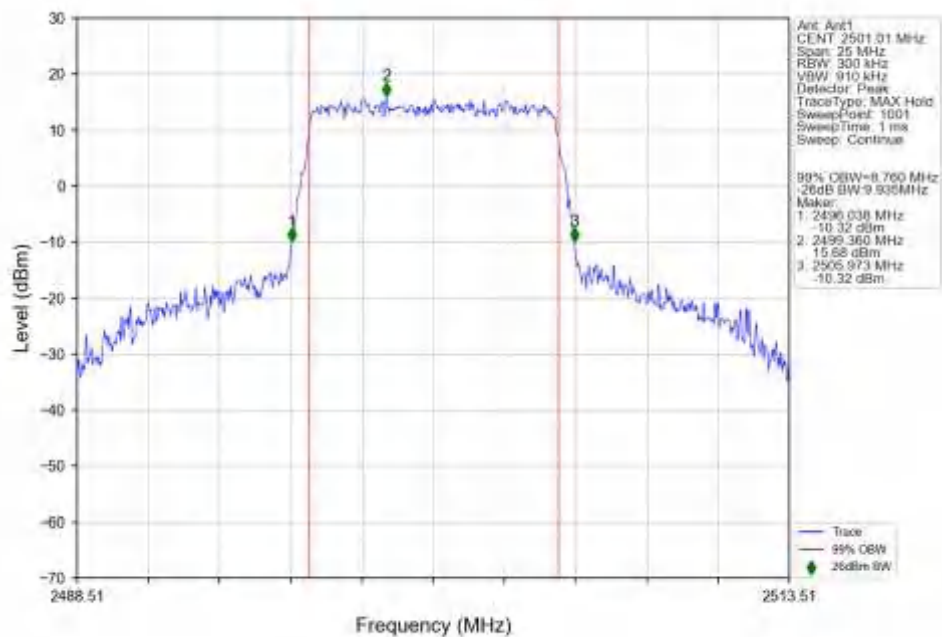
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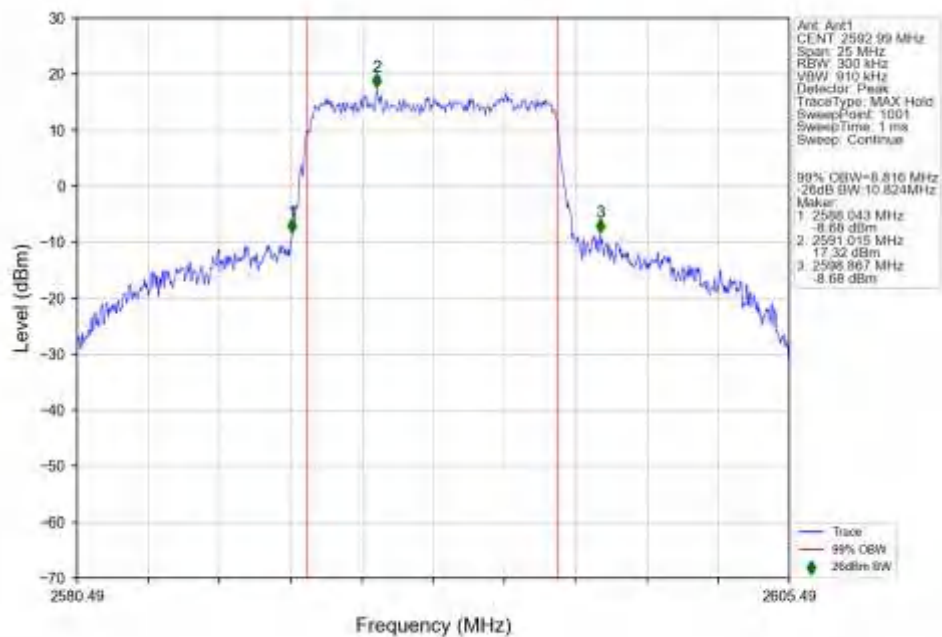
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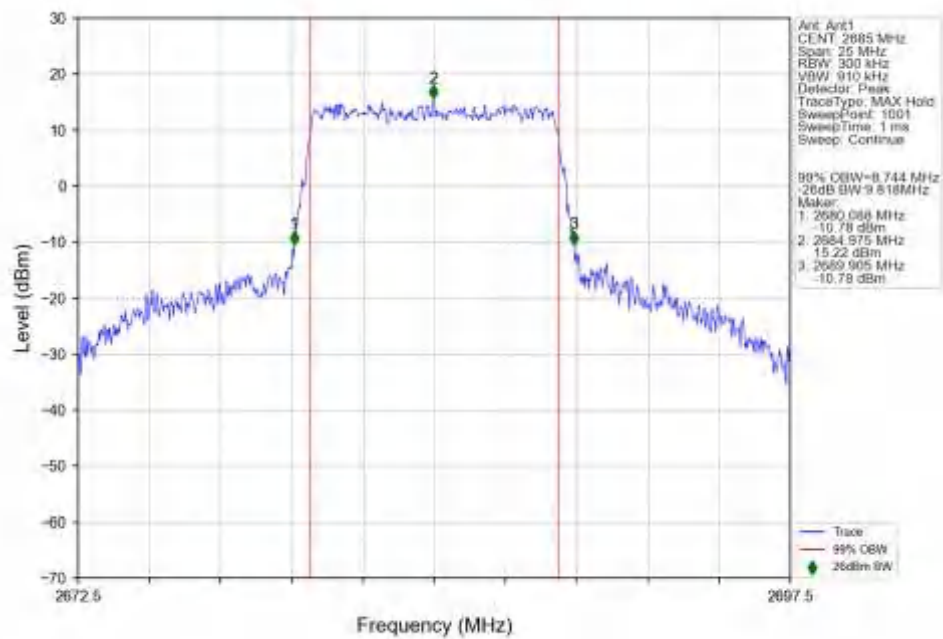
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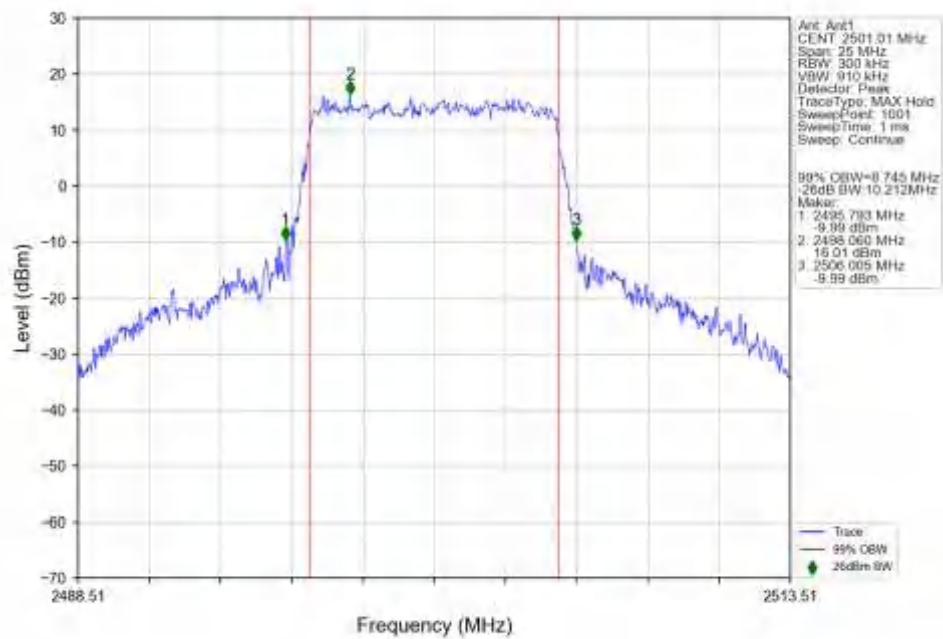
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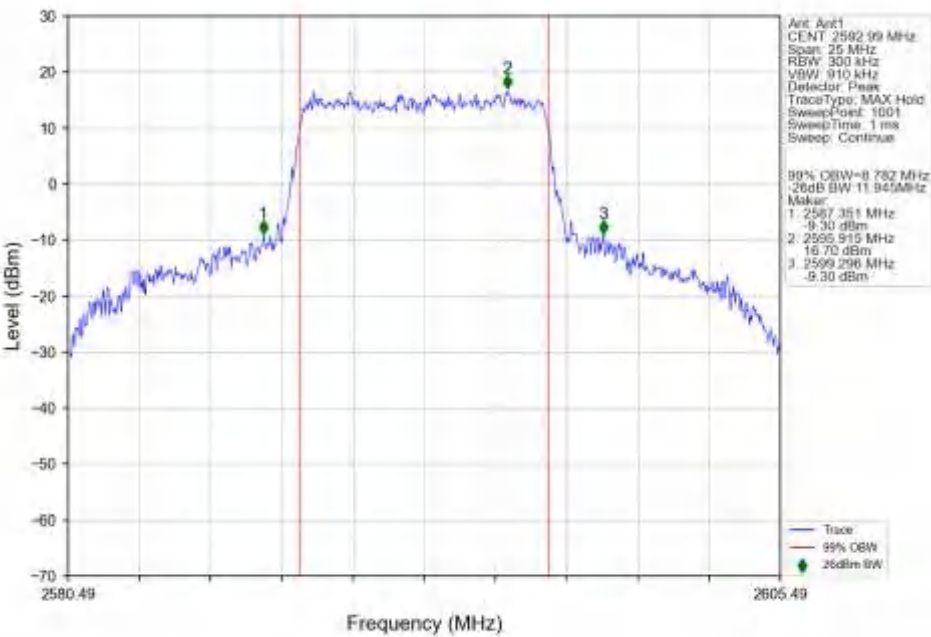
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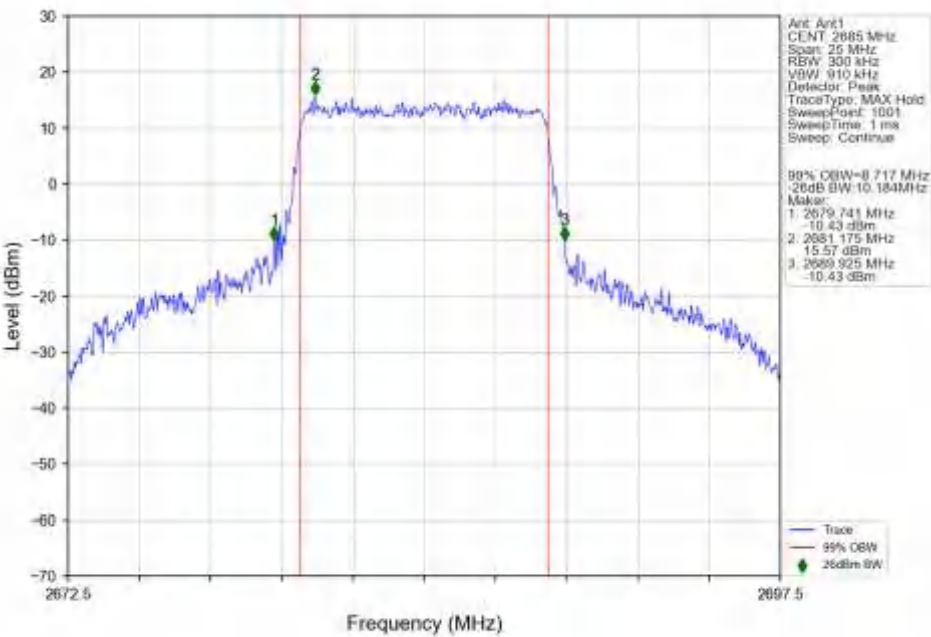
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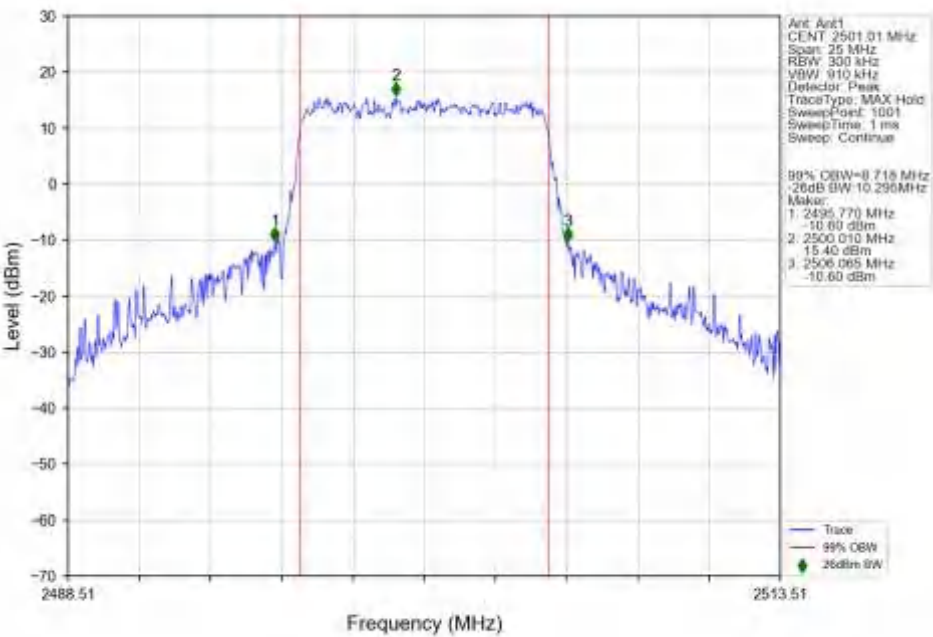
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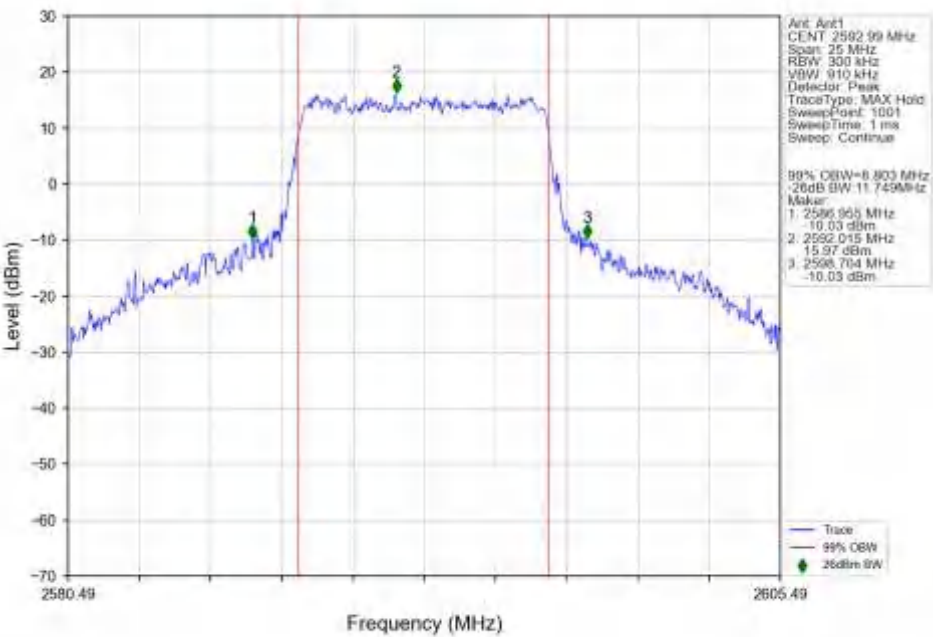
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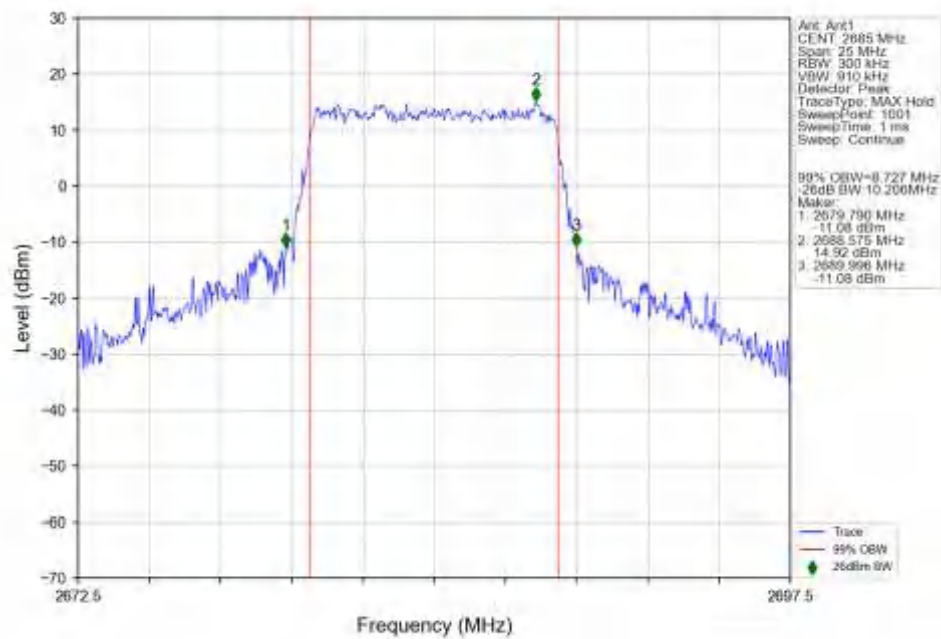
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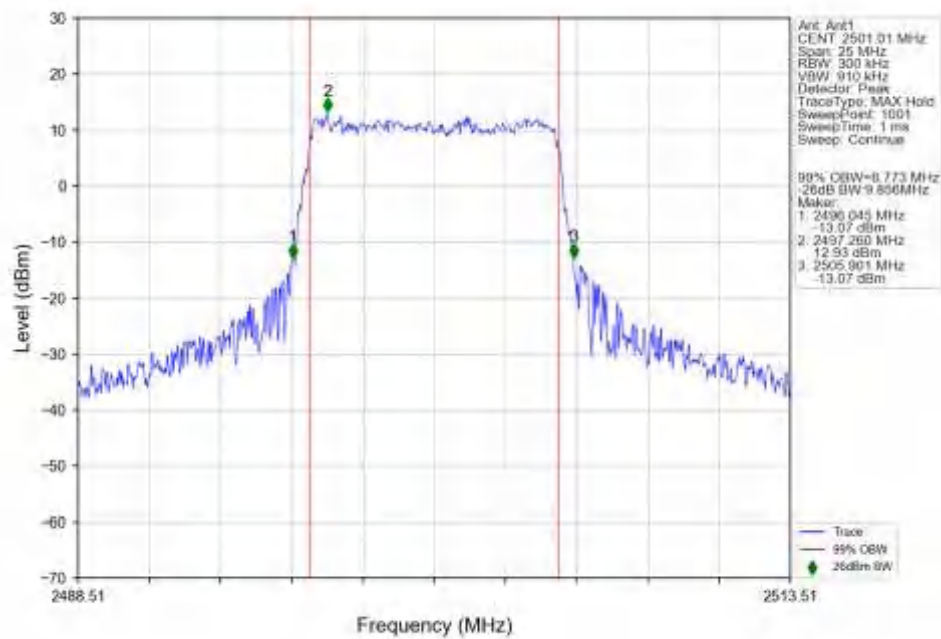
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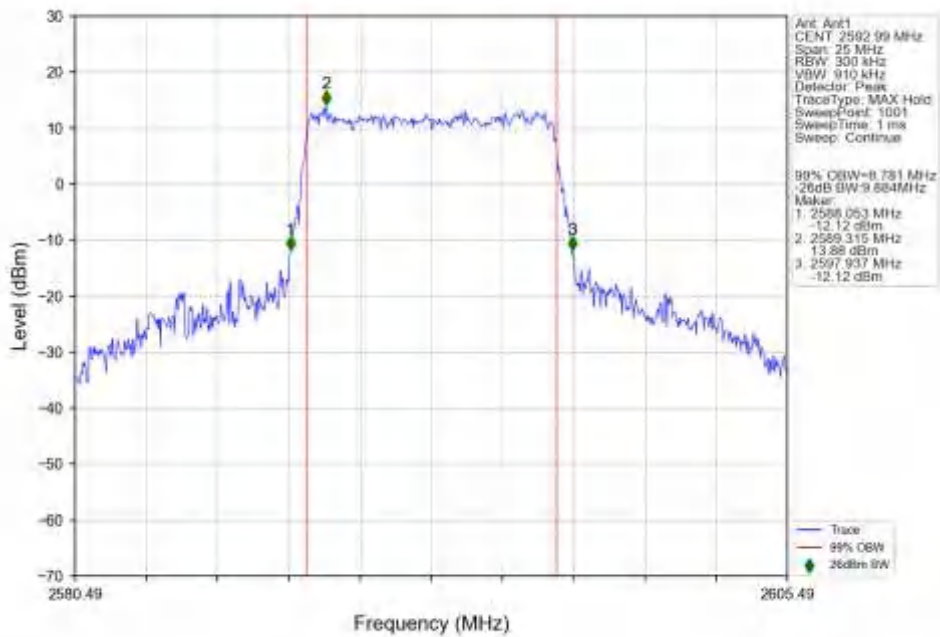
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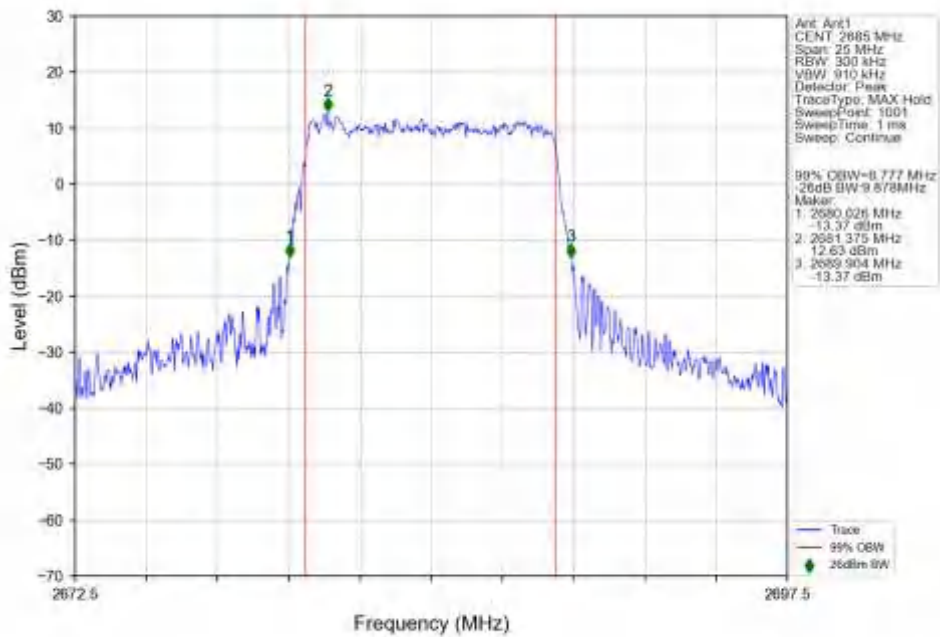
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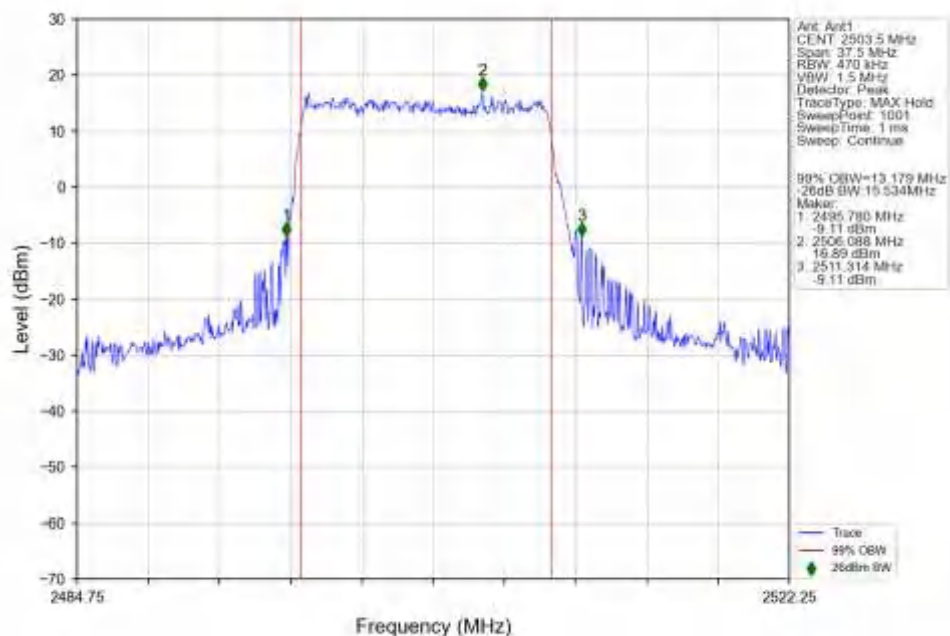


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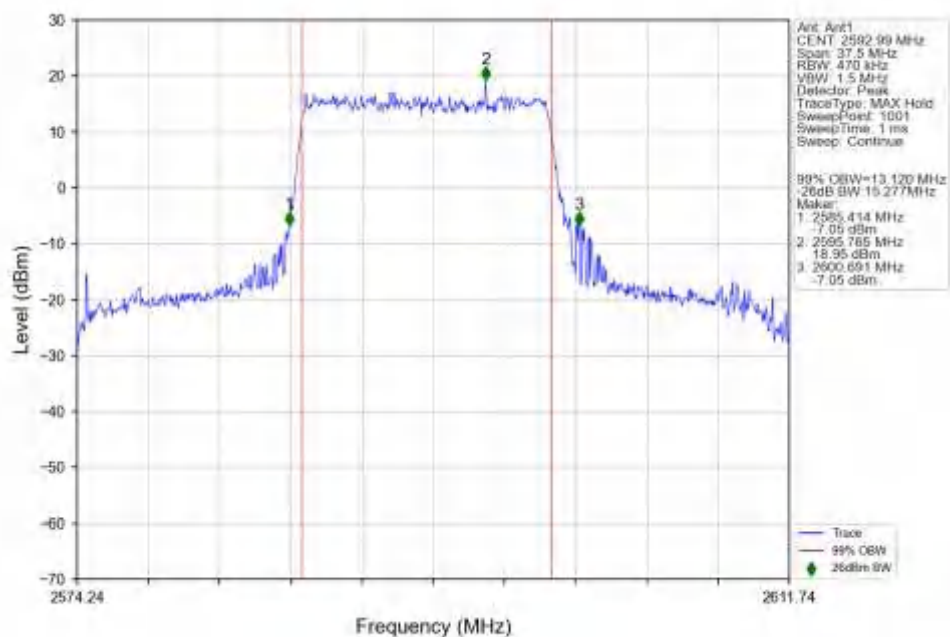


4.2.2 30k_SISO_15MHz_NTNV

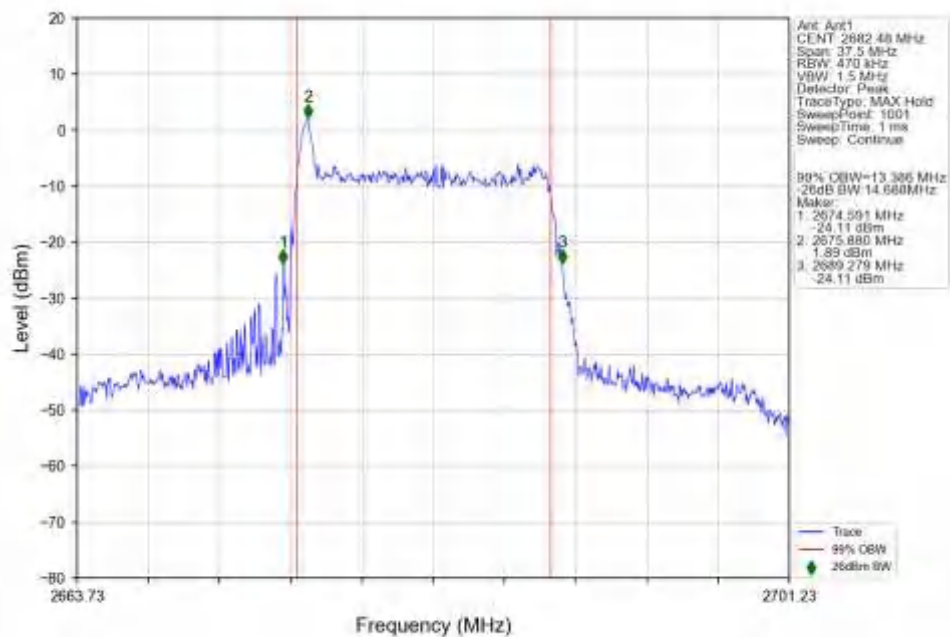
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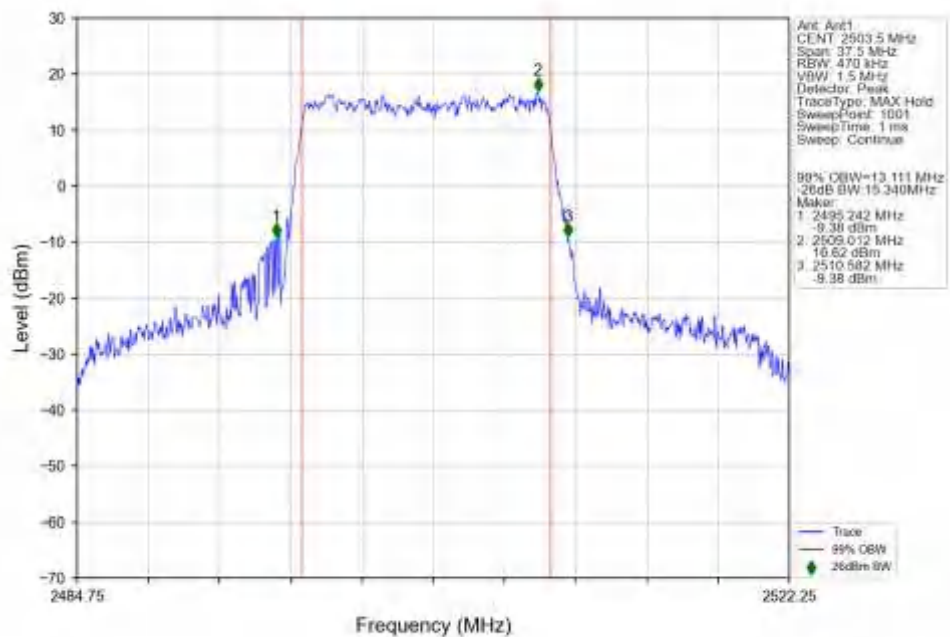
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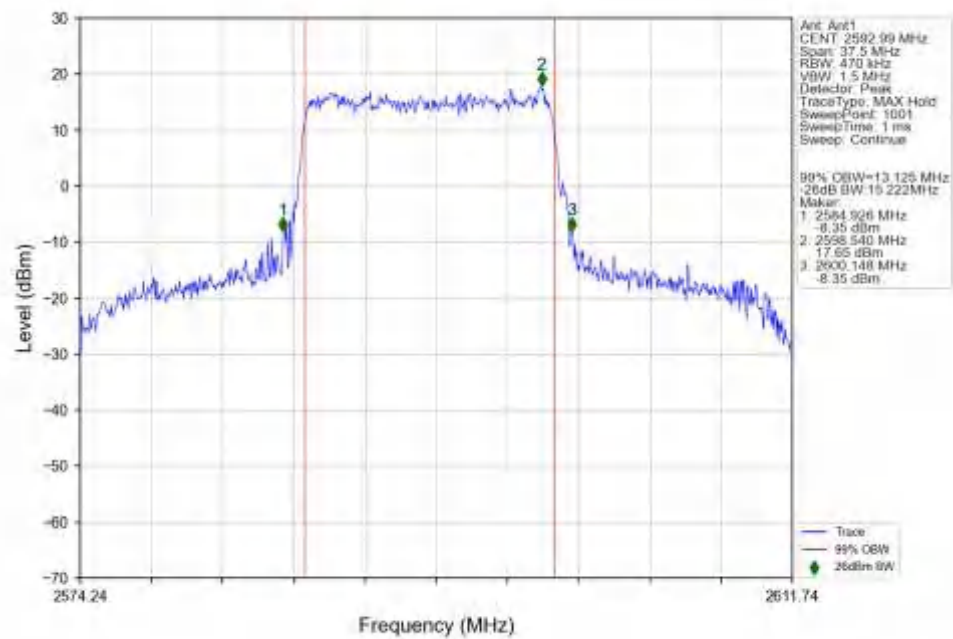
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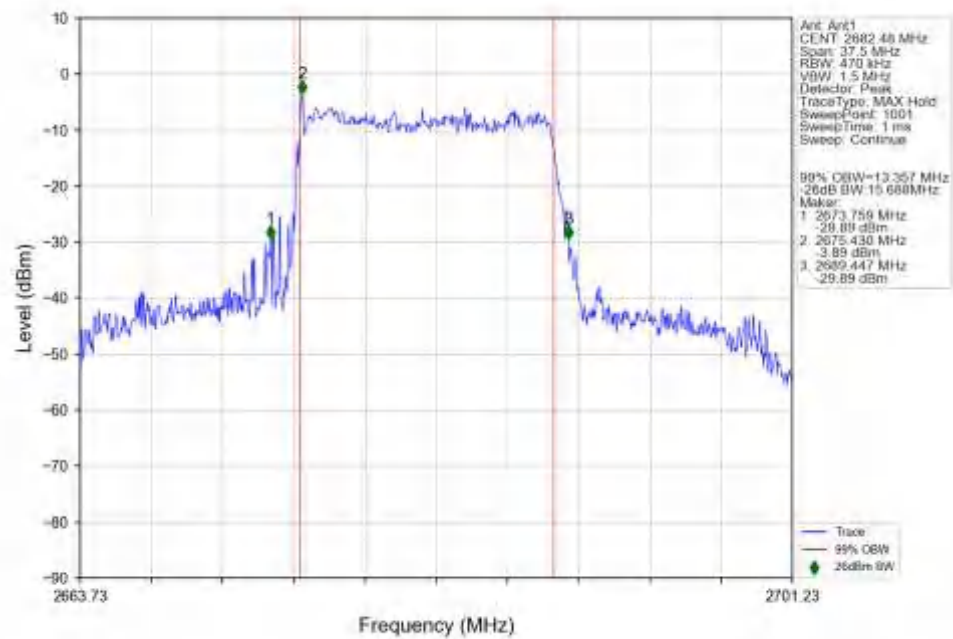
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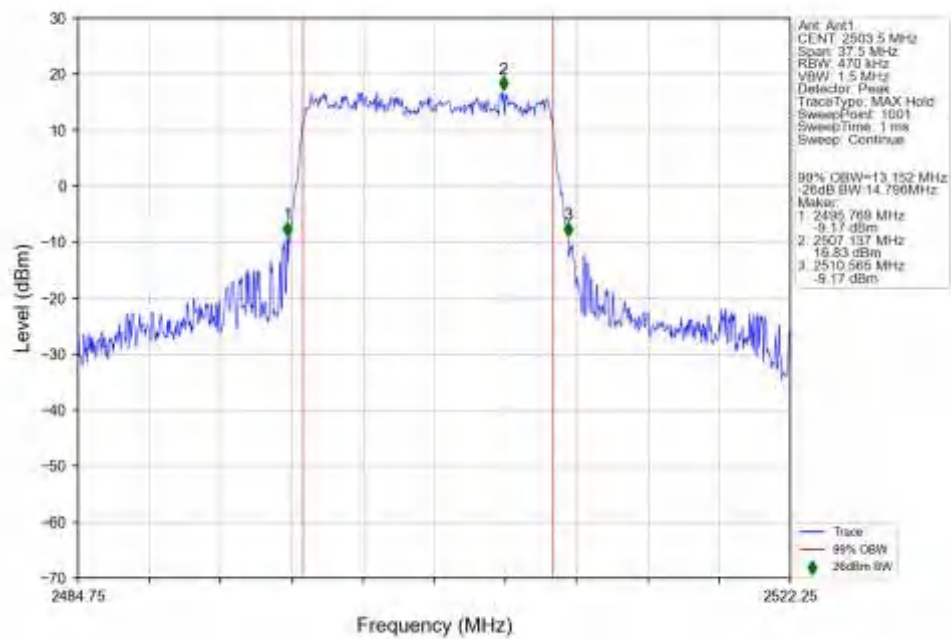
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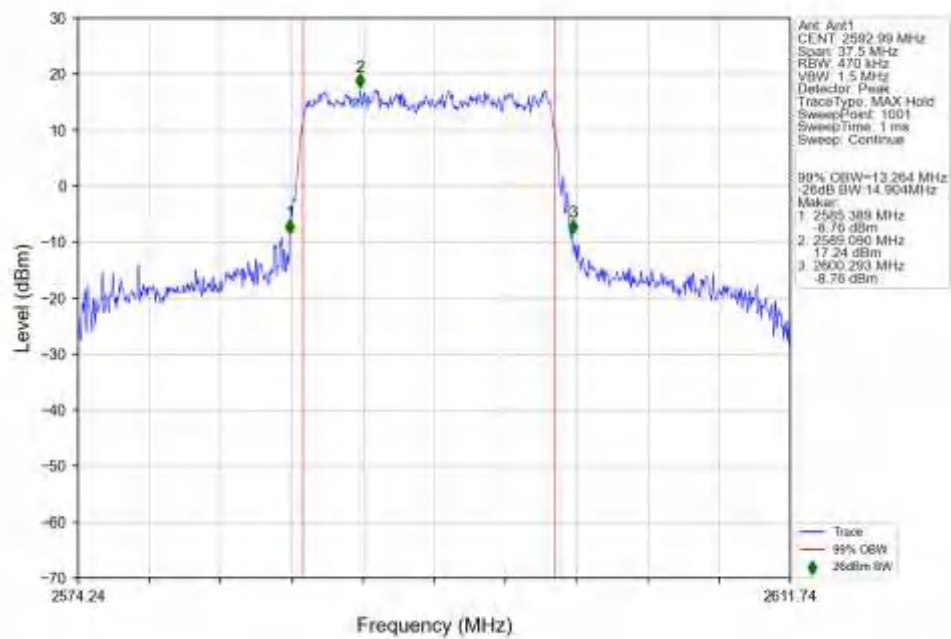
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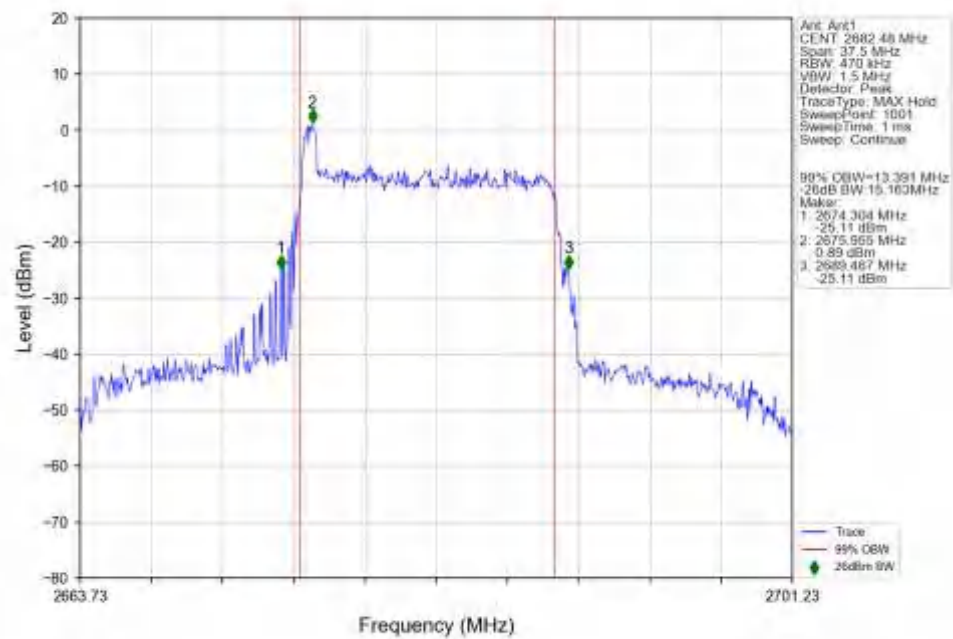
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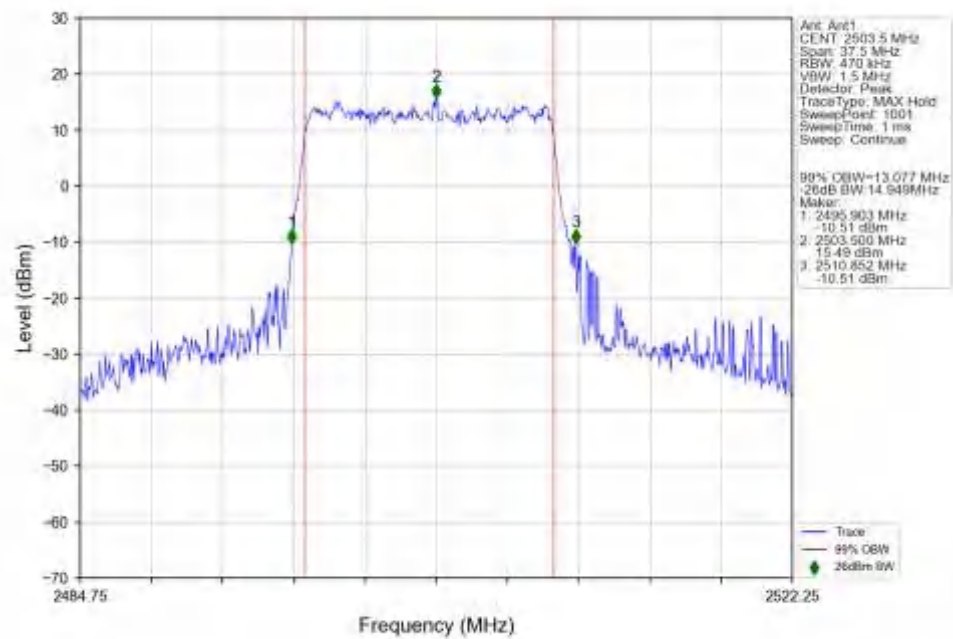
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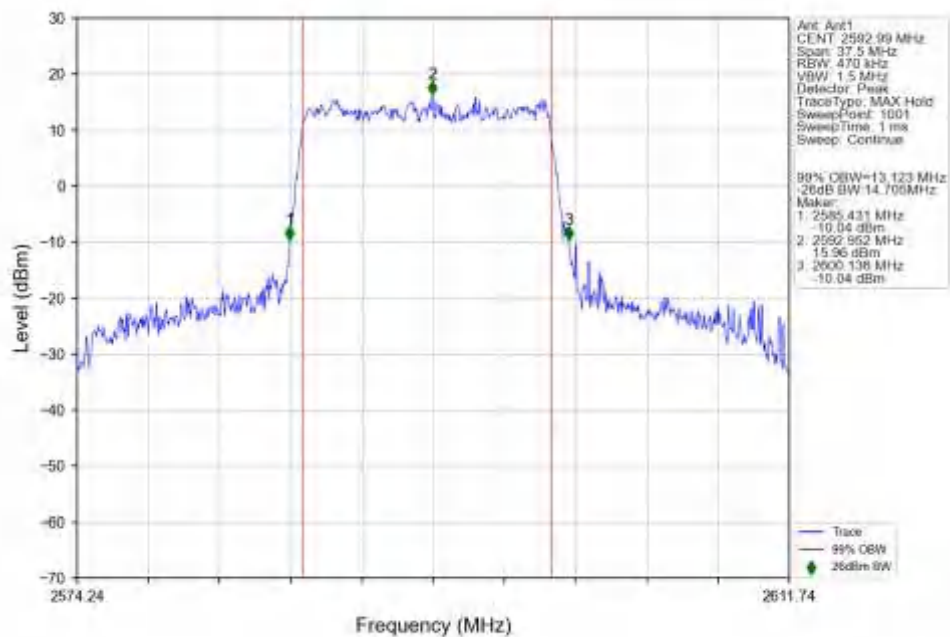
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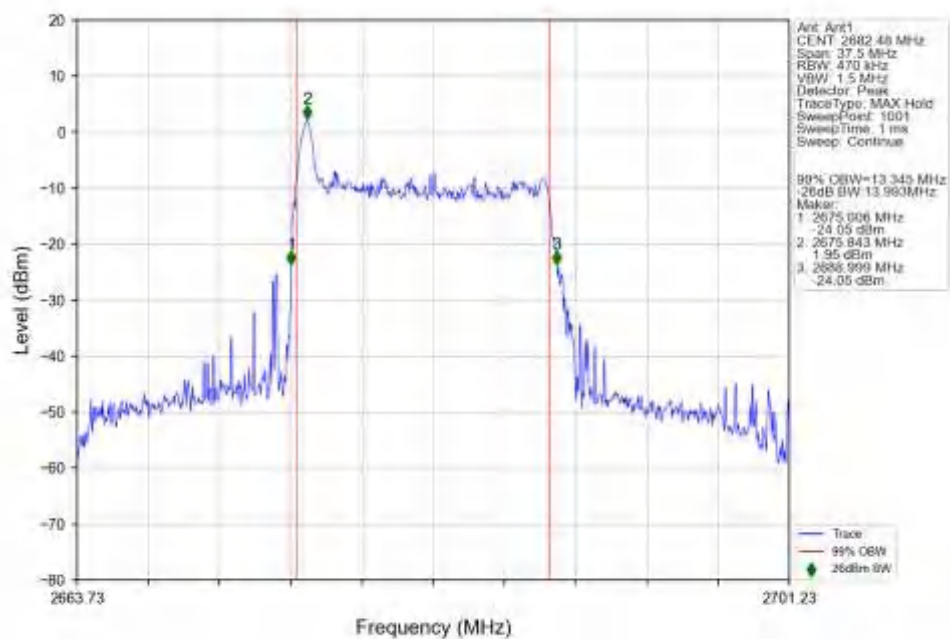
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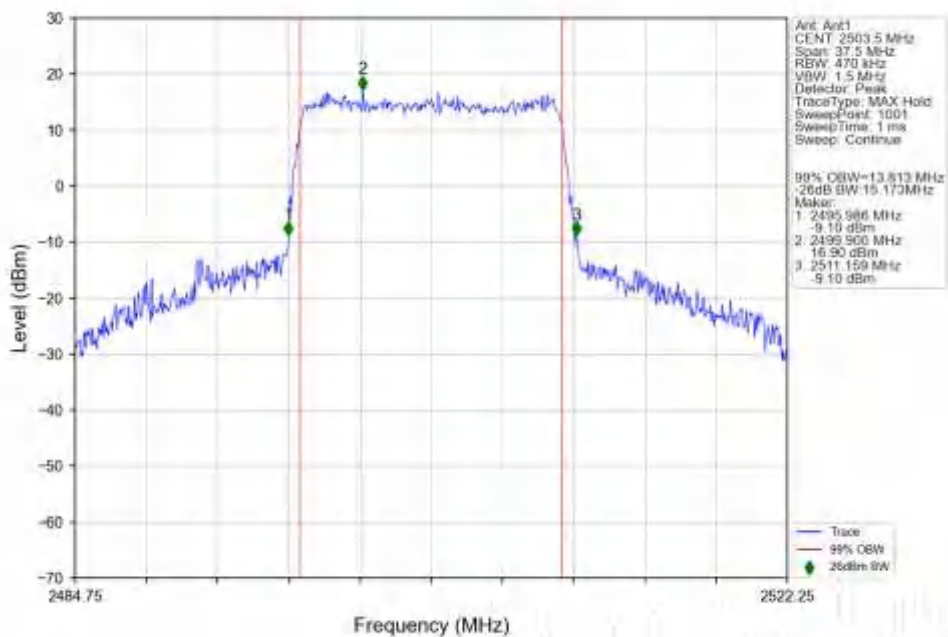
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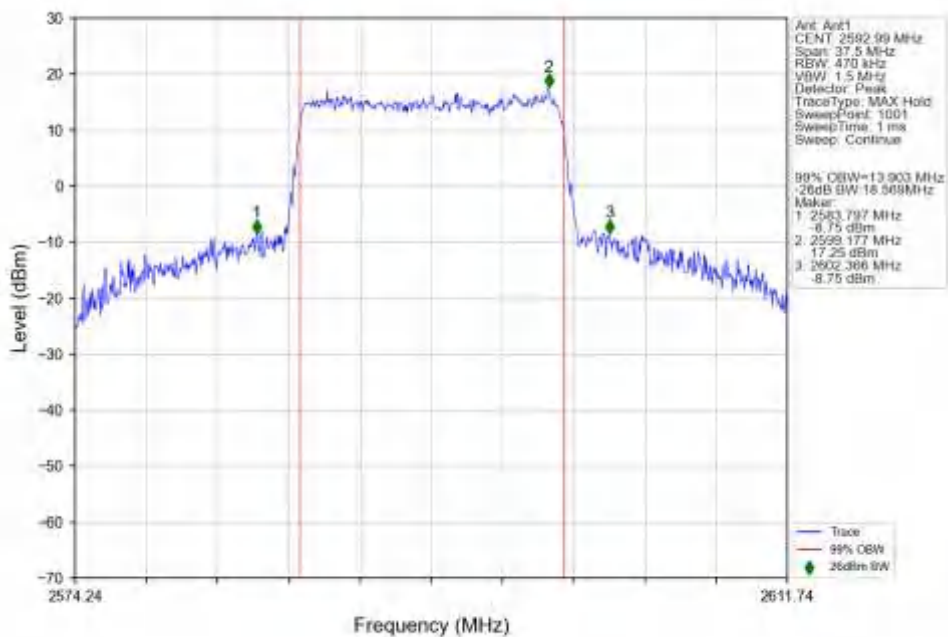
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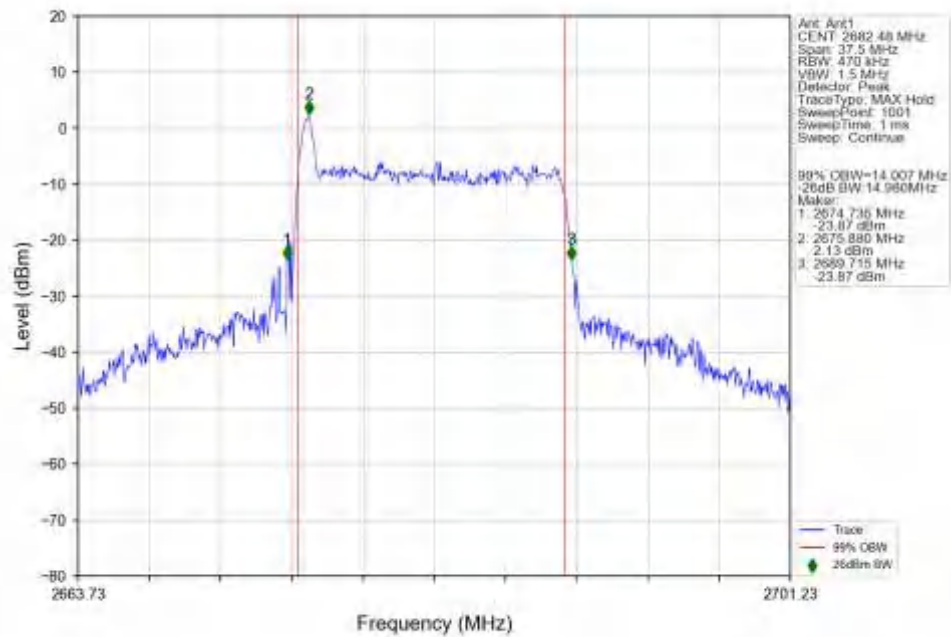
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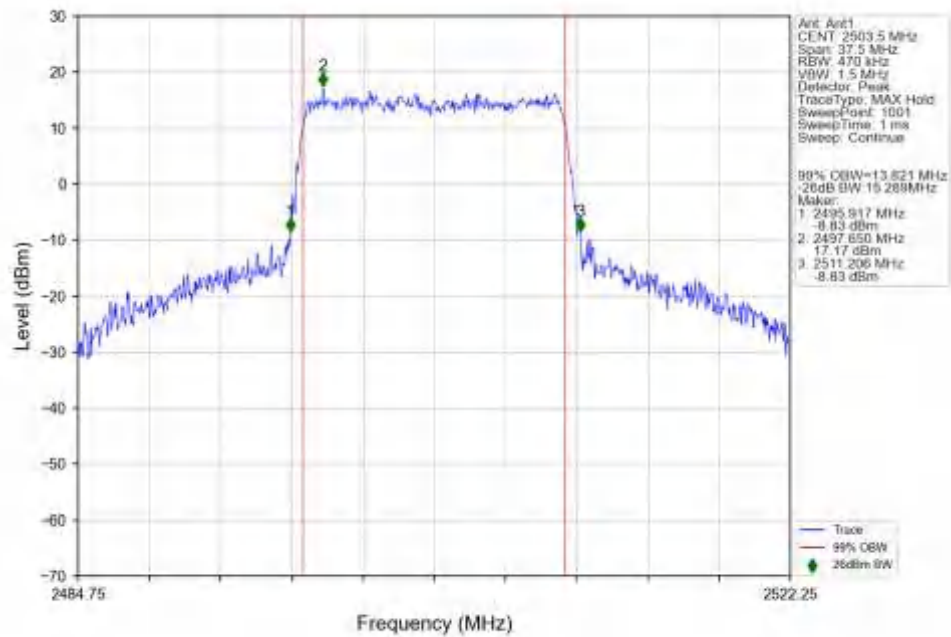
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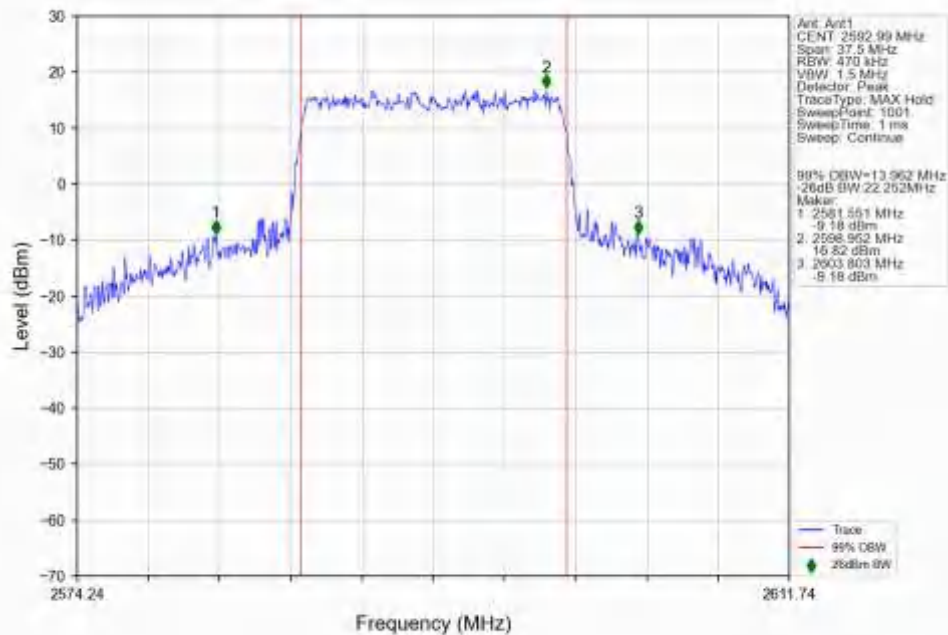
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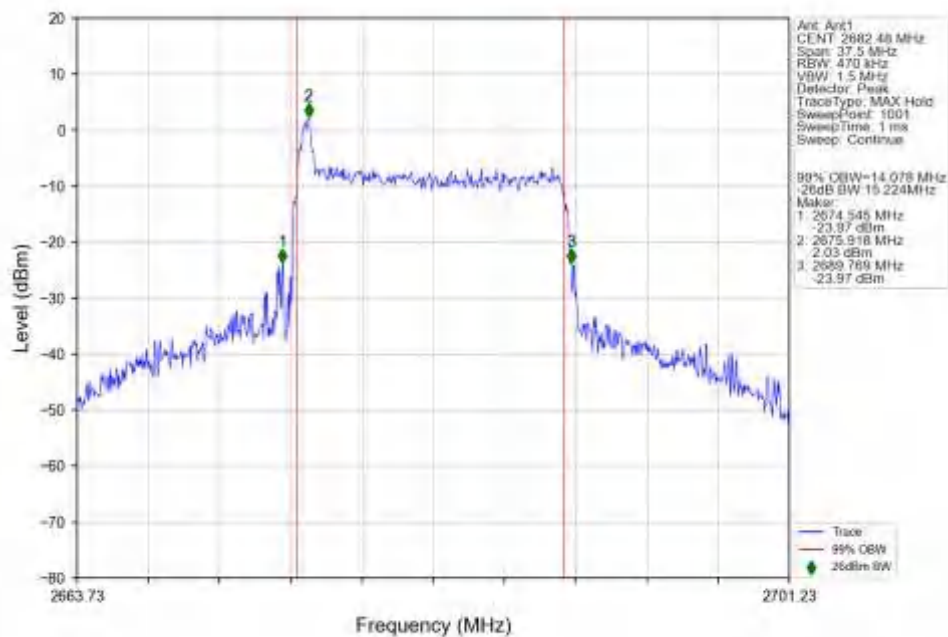
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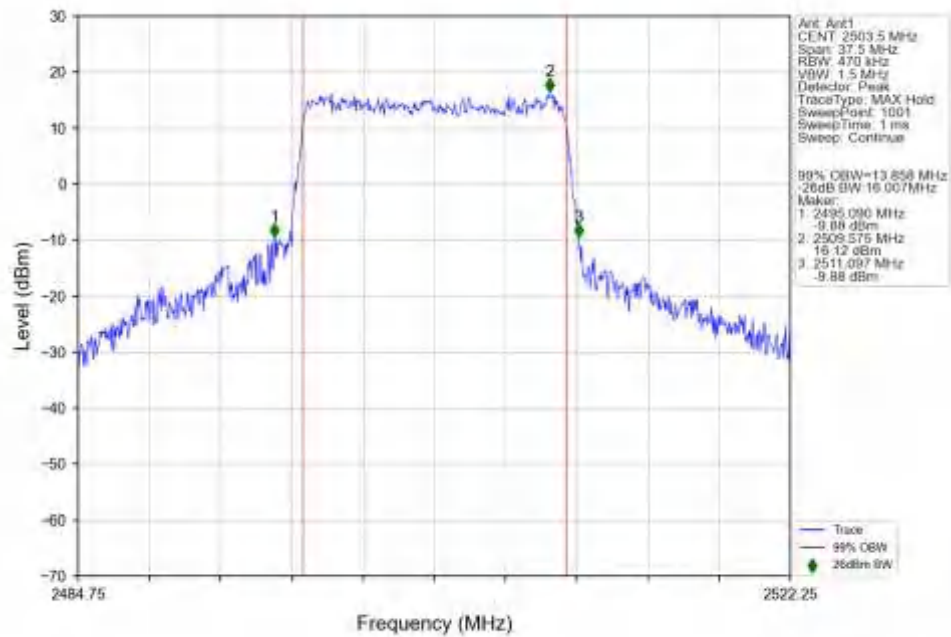
n41 30kHz SISO NTN 15MHz CP-OFDM 16 QAM 2592.99MHz Outer_Full Ant1



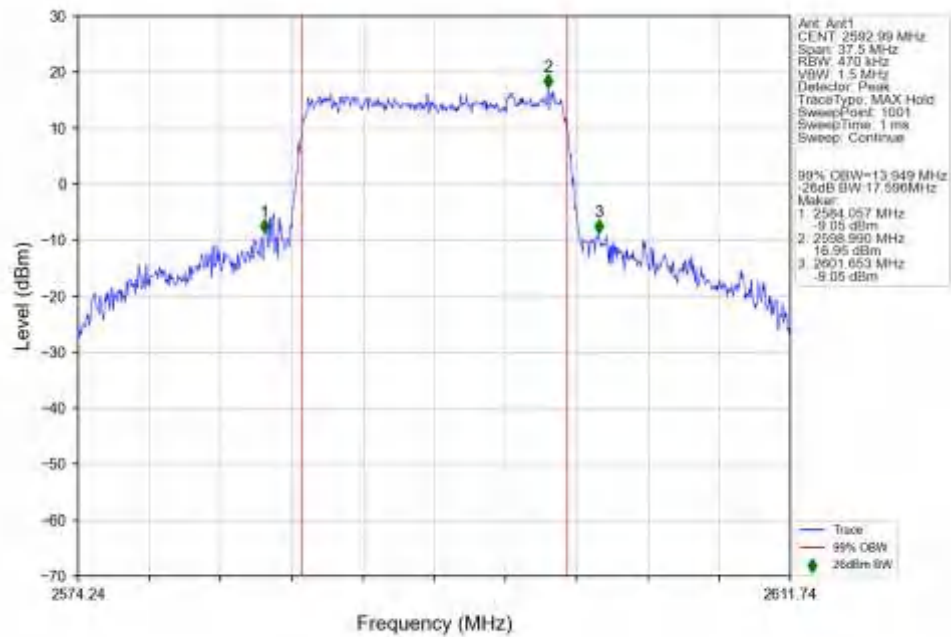
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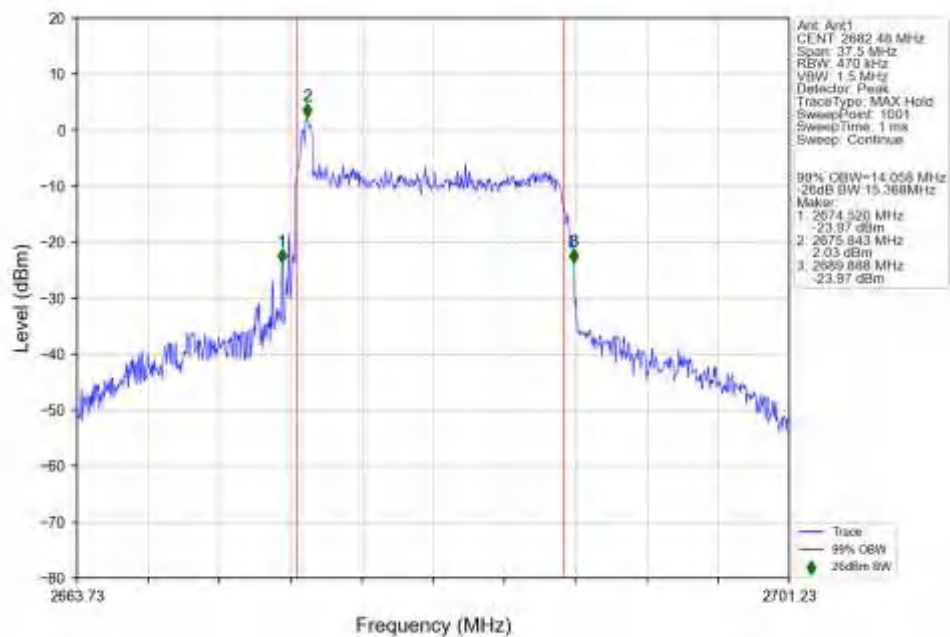
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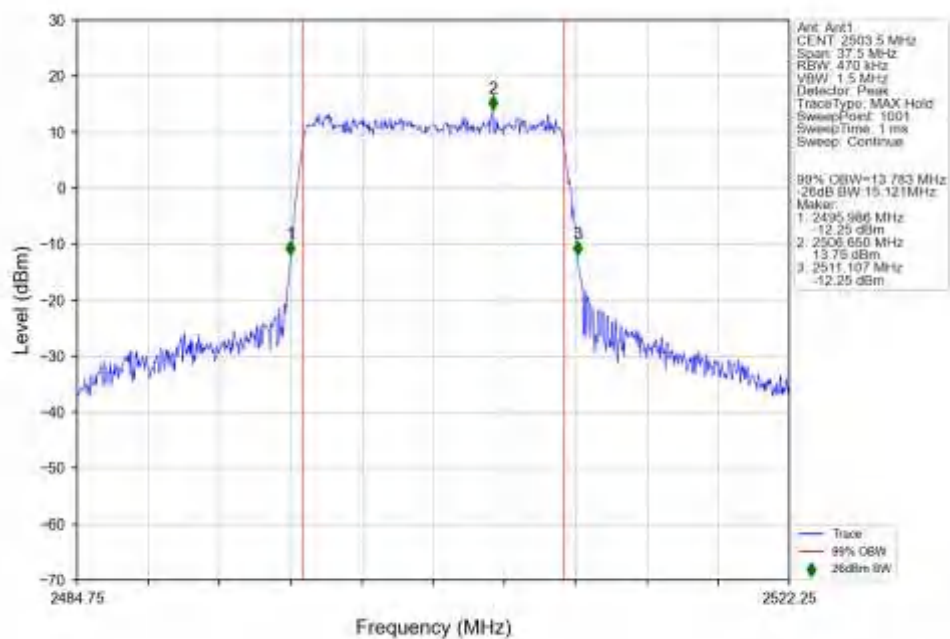
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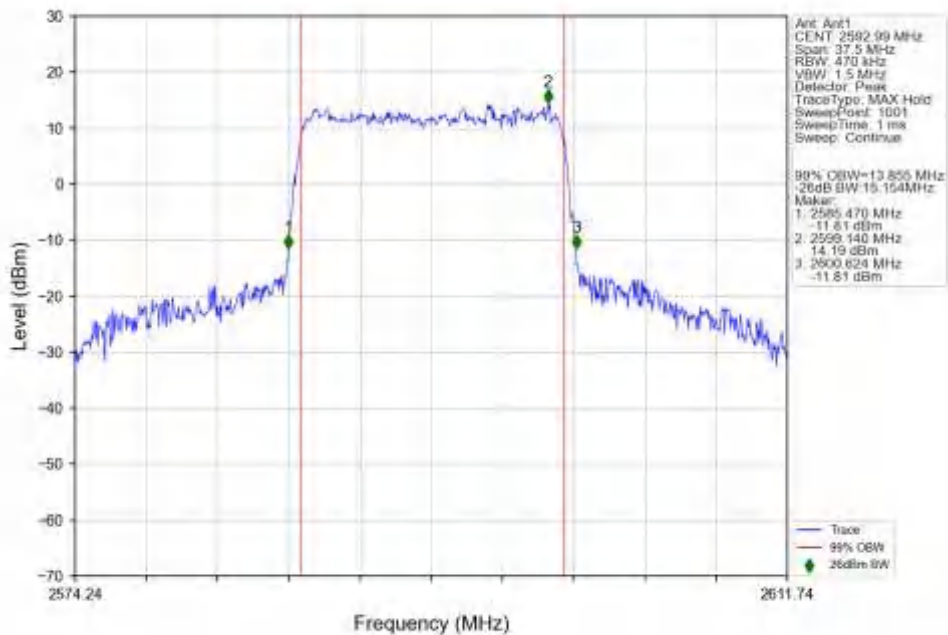
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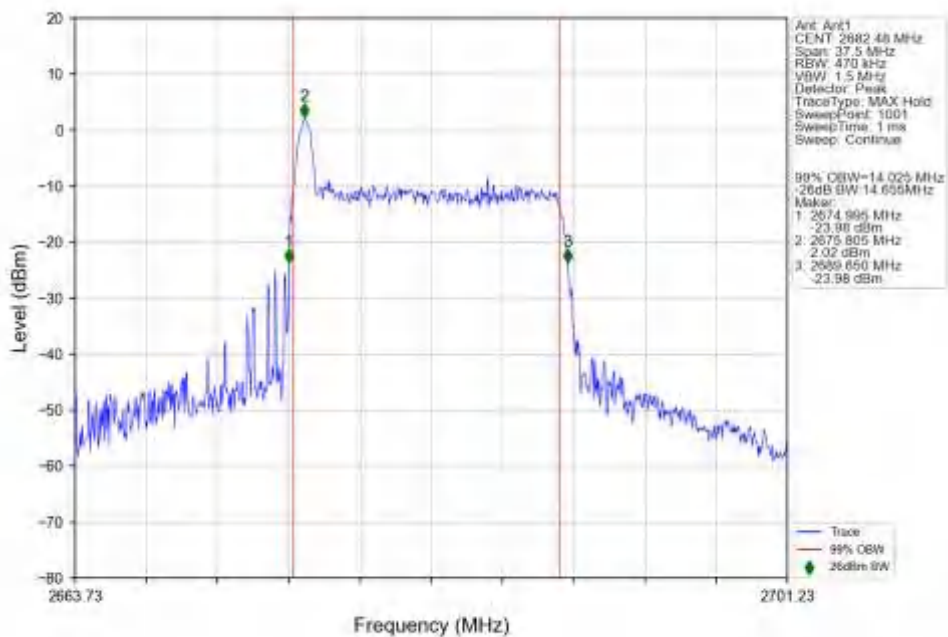
n41 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 2503.5MHz Outer_Full Ant1



n41_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant1

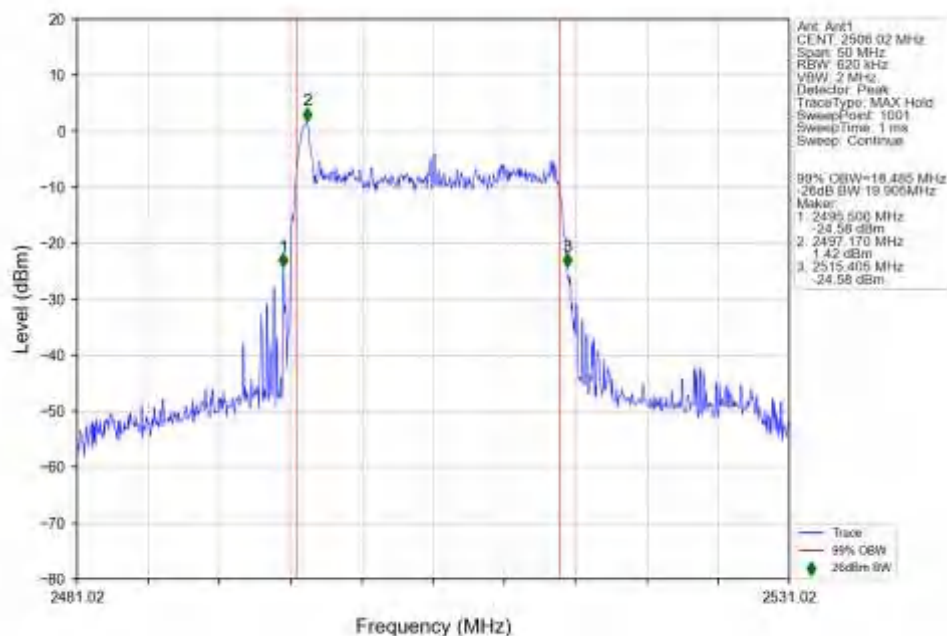


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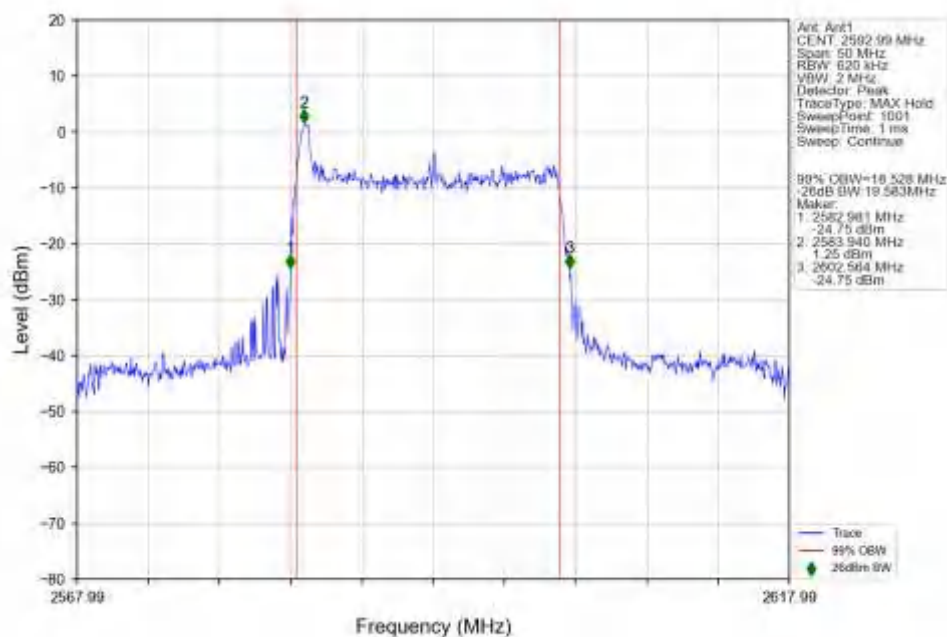


4.2.3 30k_SISO_20MHz_NTNV

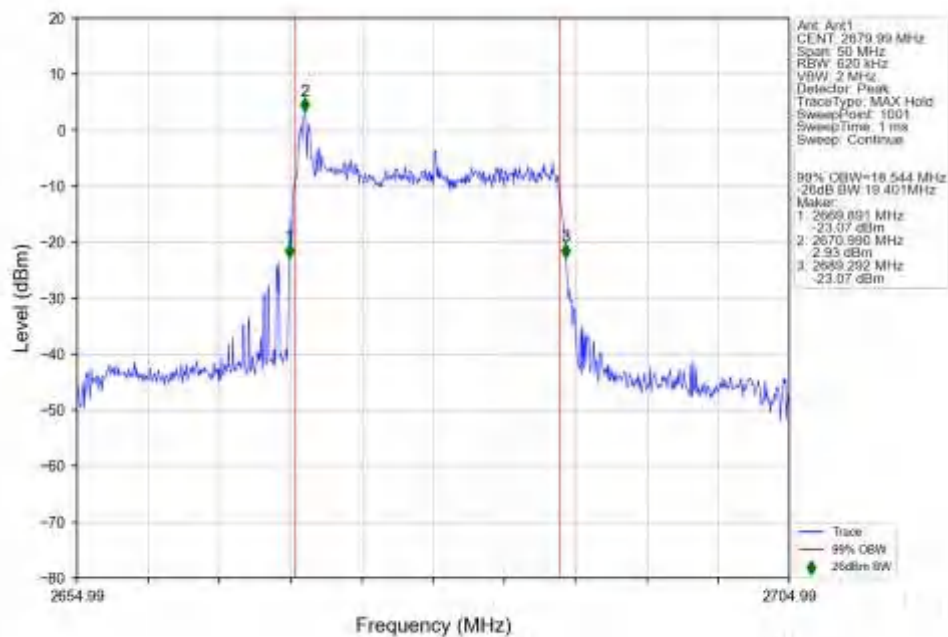
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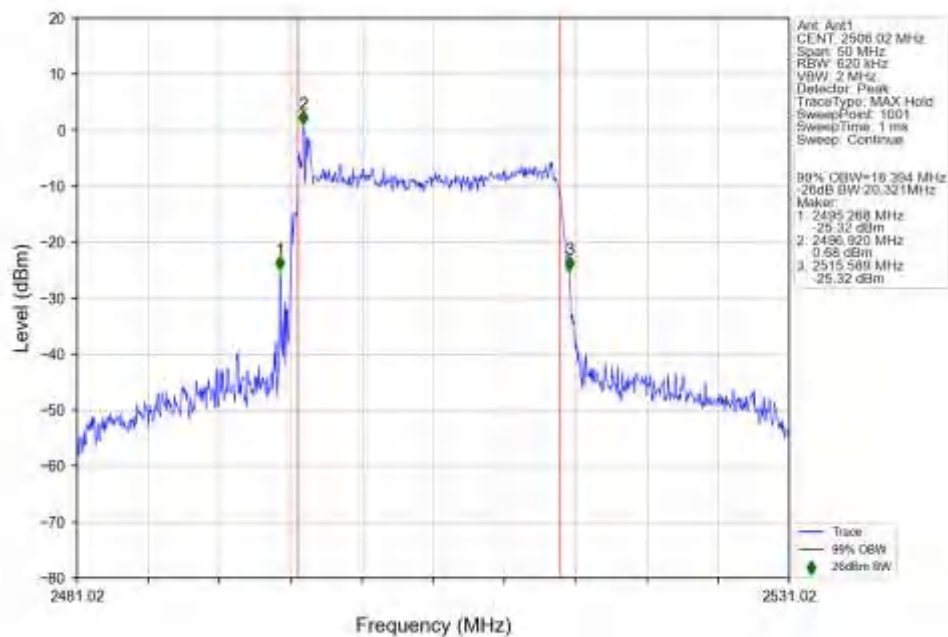
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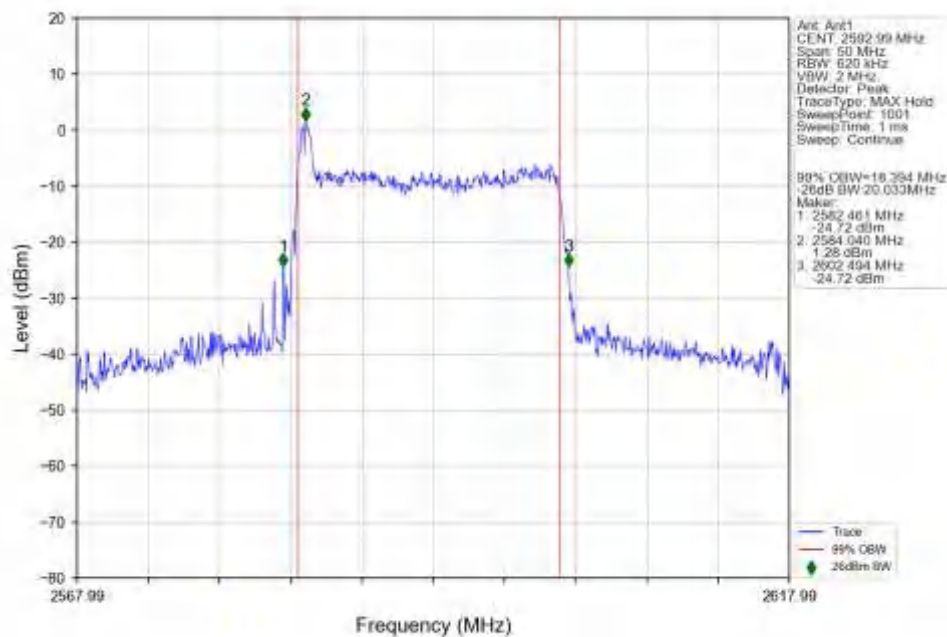
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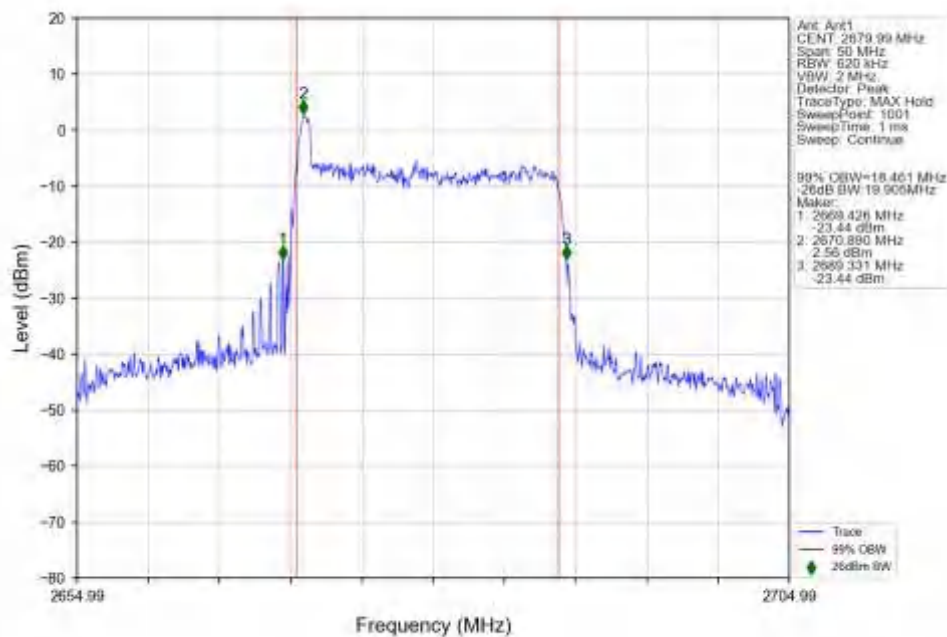
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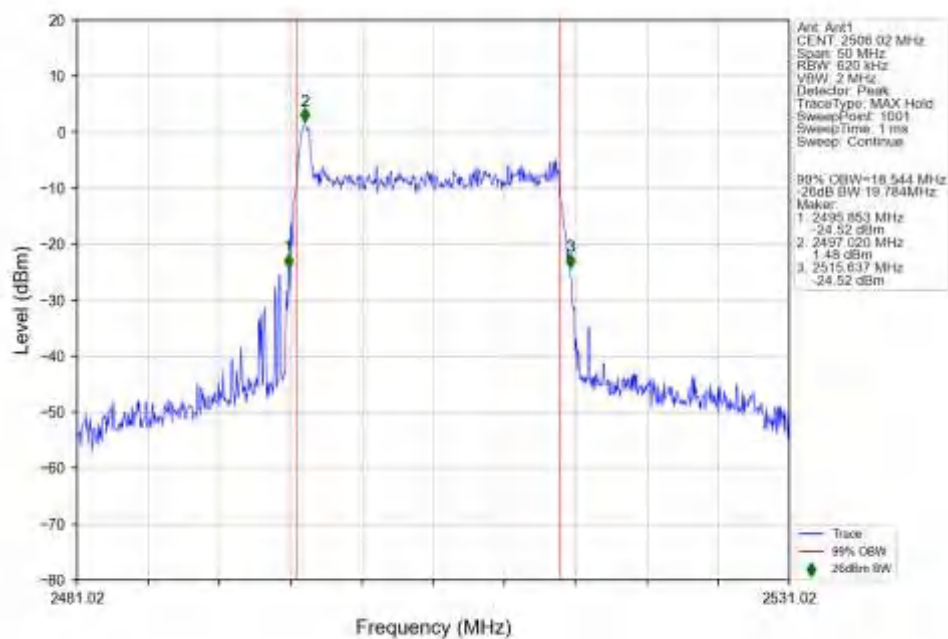
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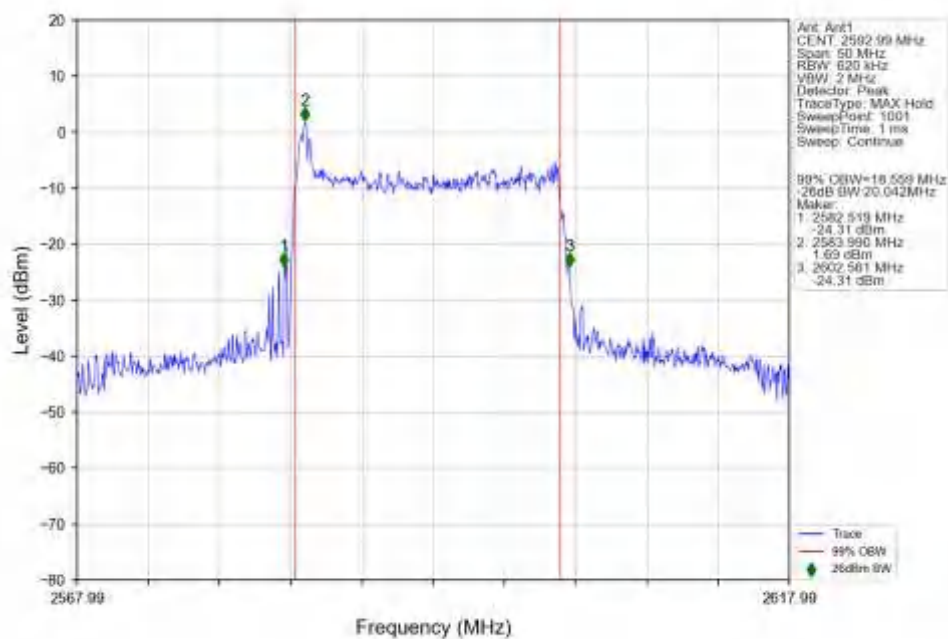
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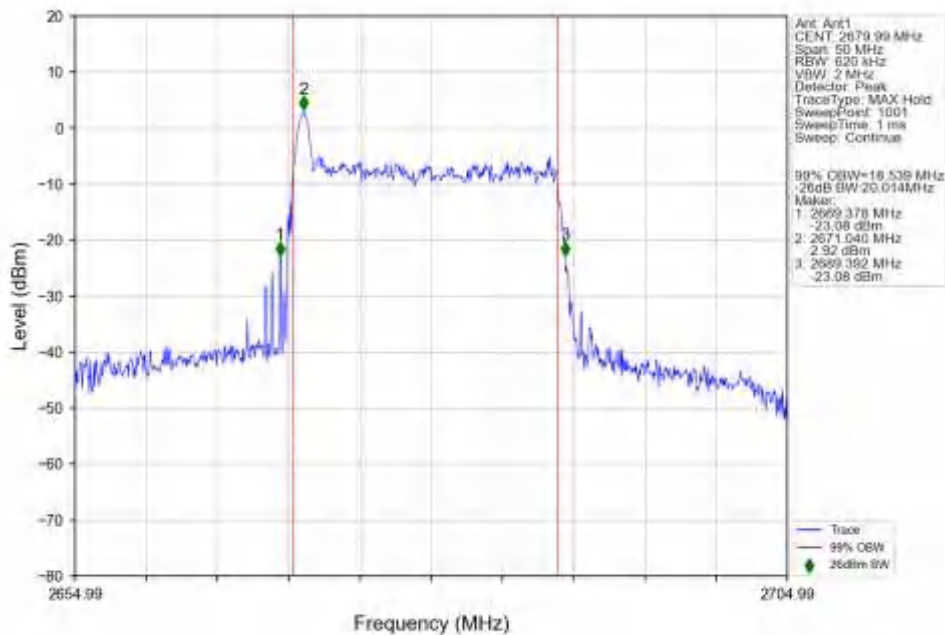
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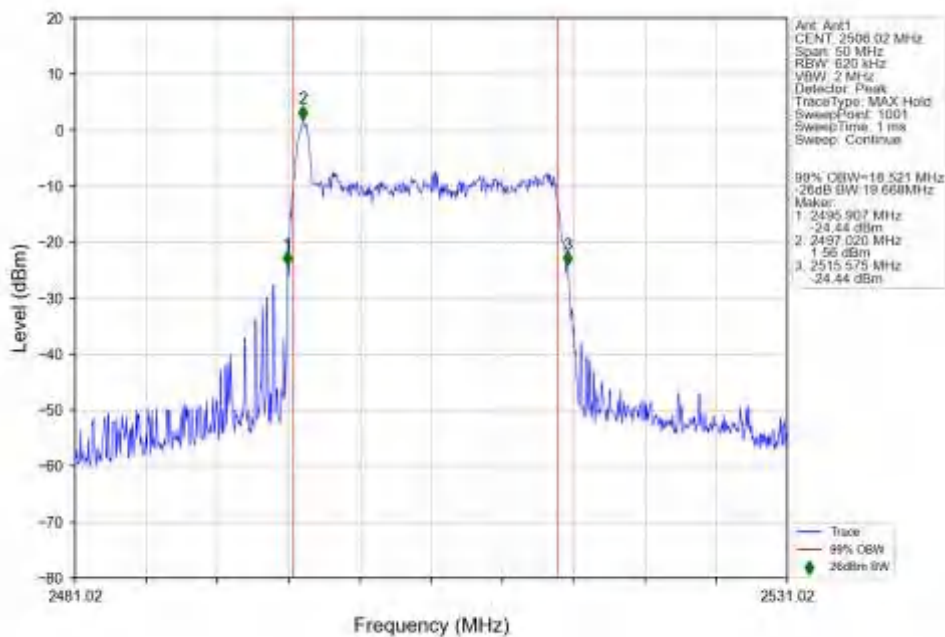
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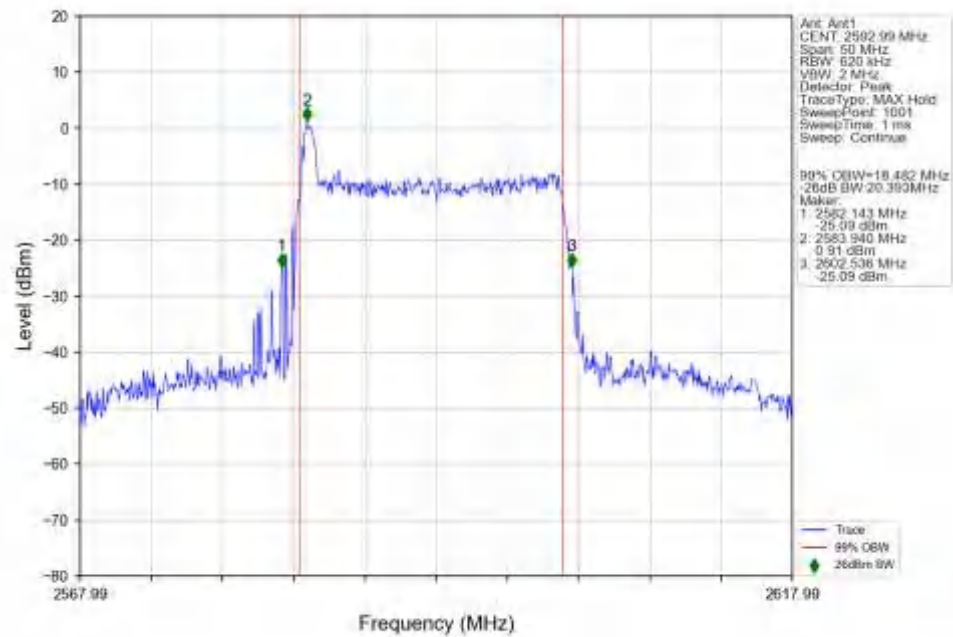
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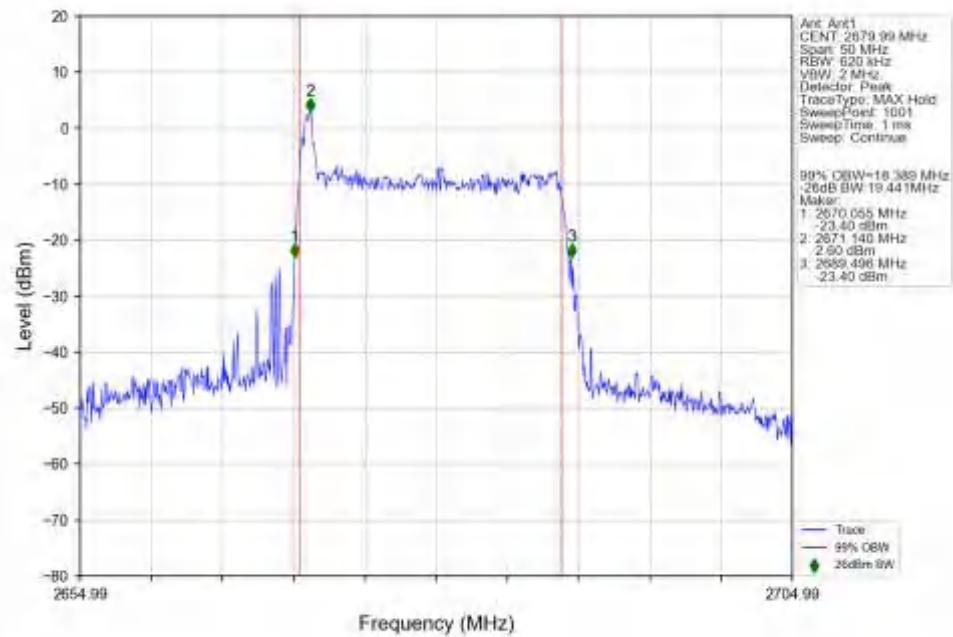
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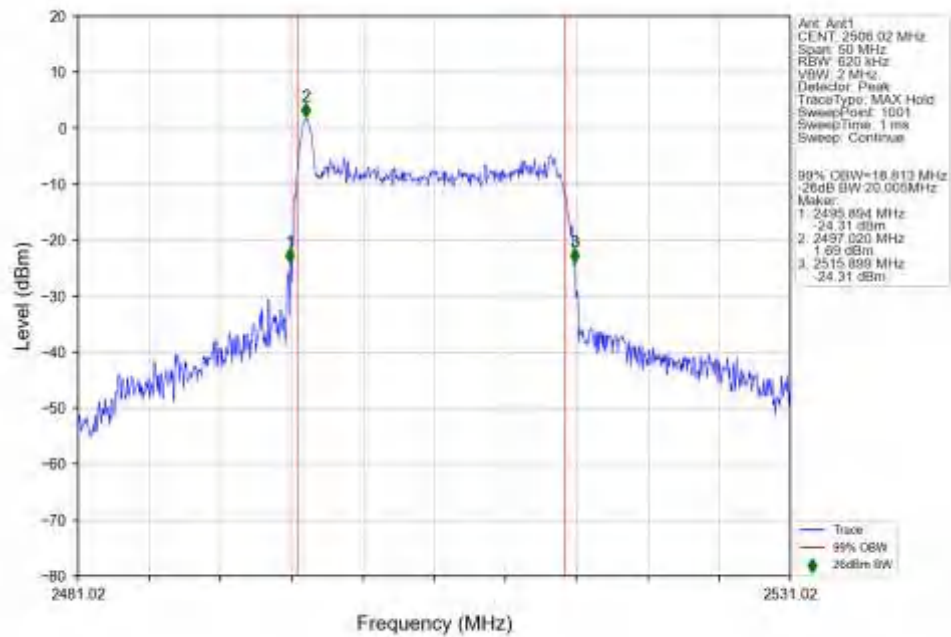
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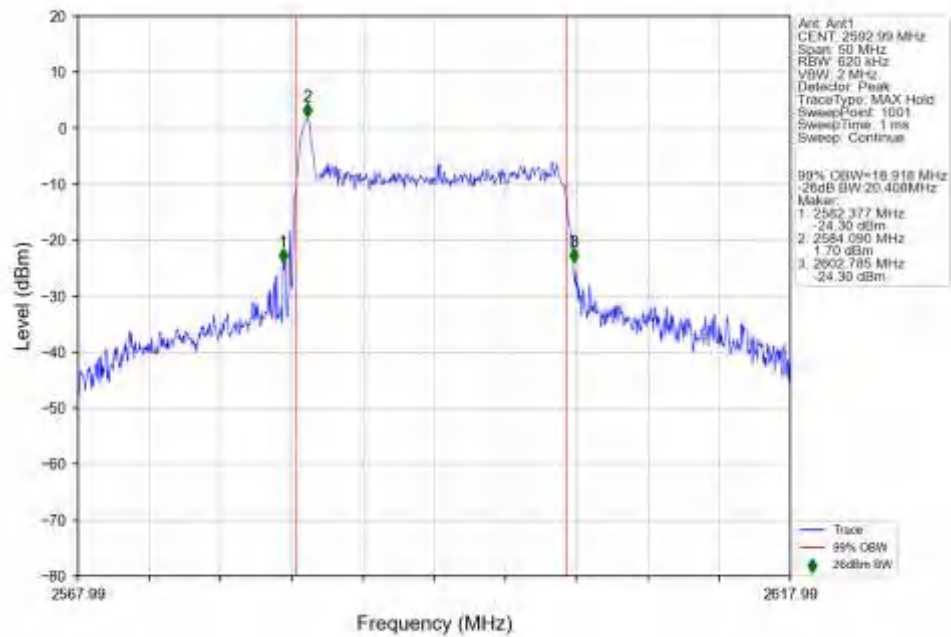
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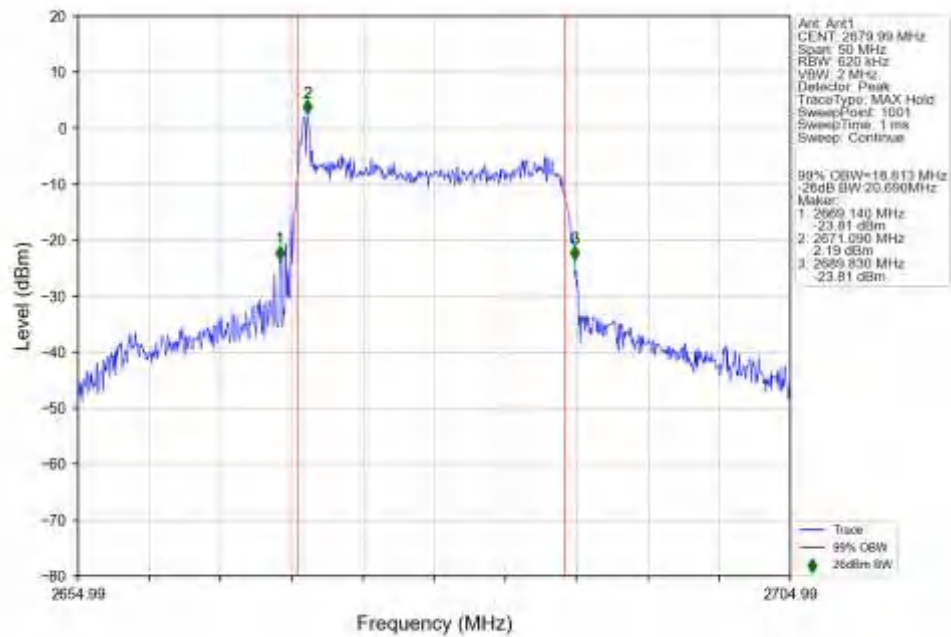
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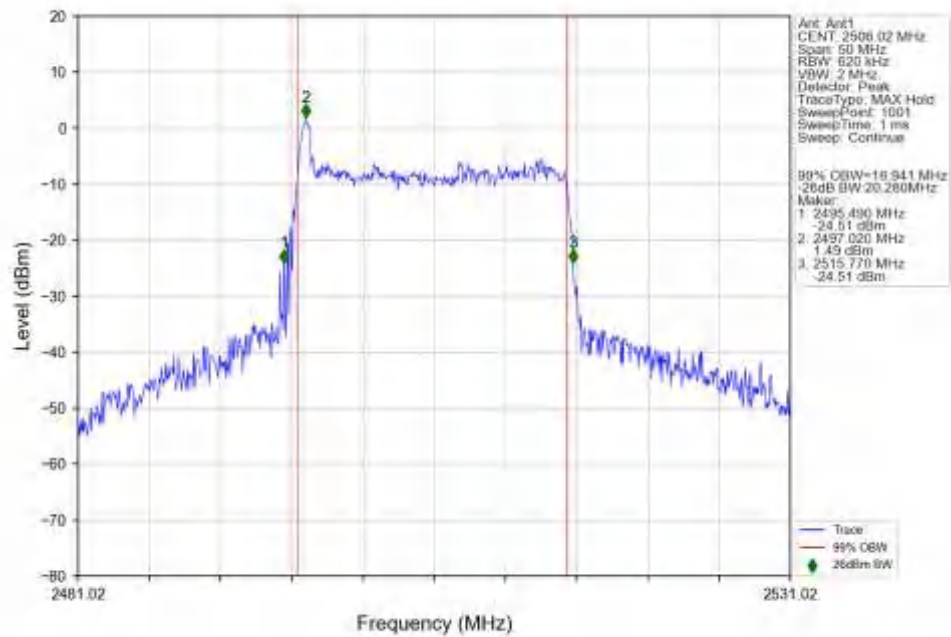
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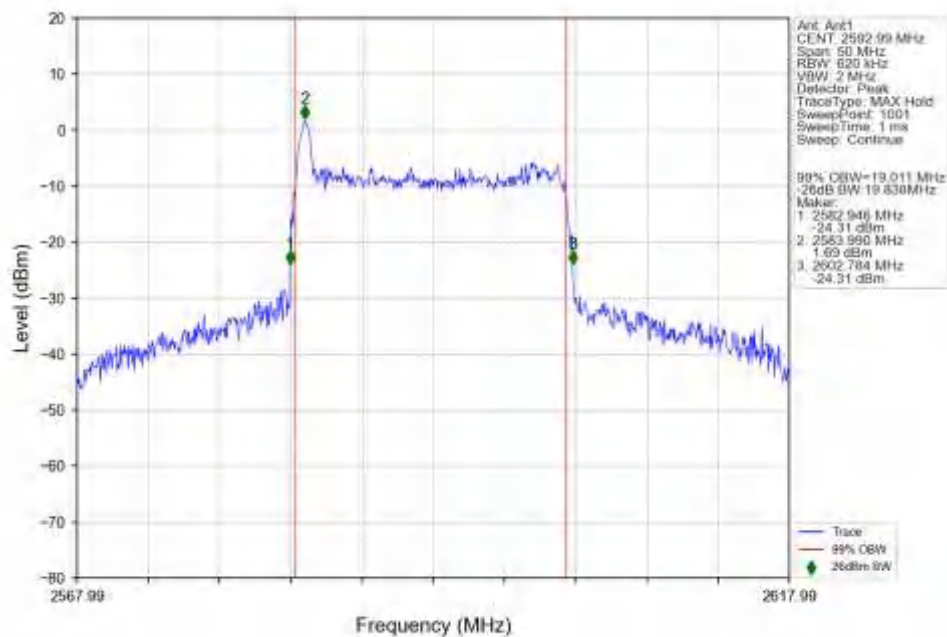
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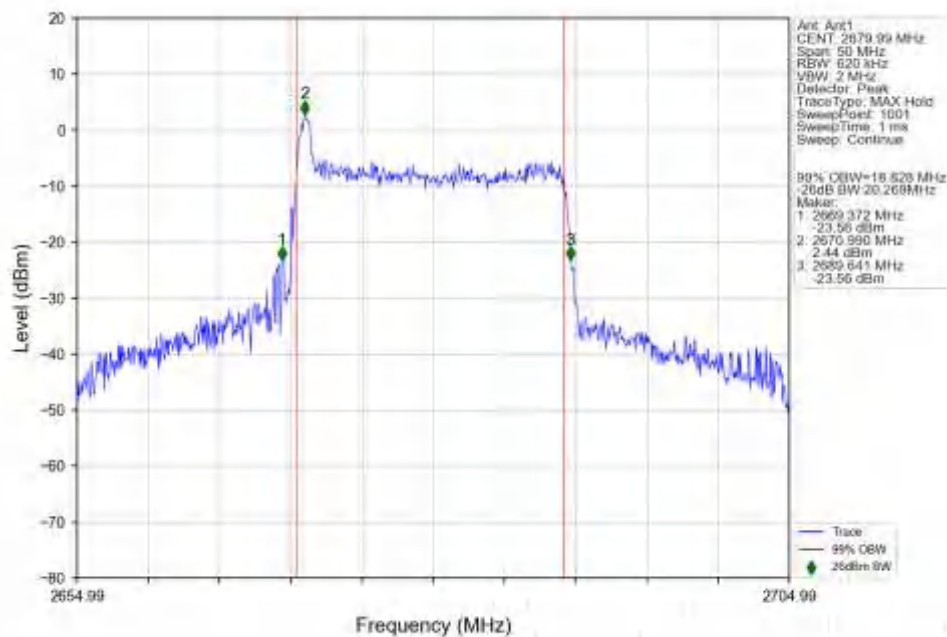
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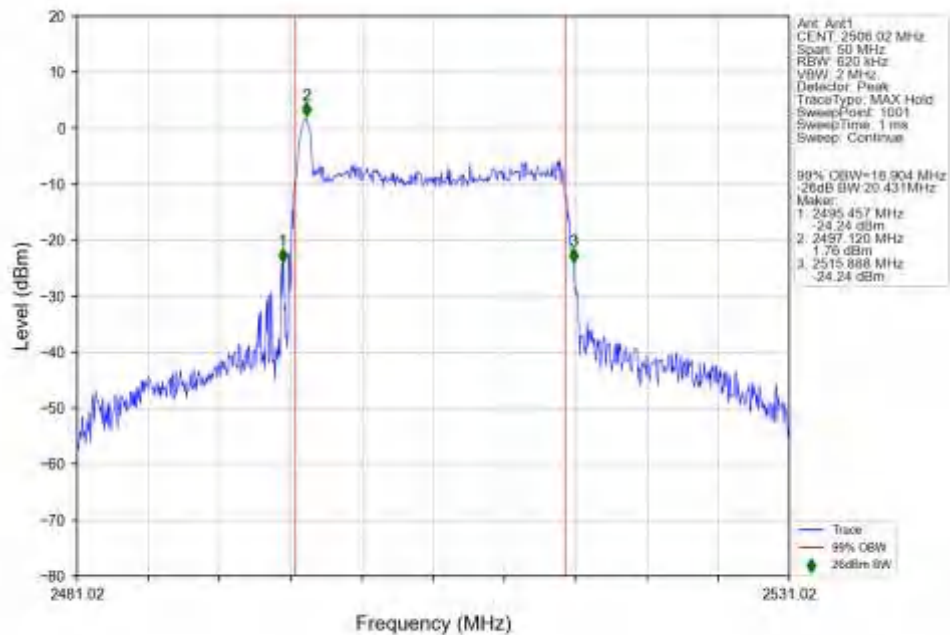
n41 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 2592.99MHz Outer_Full Ant1



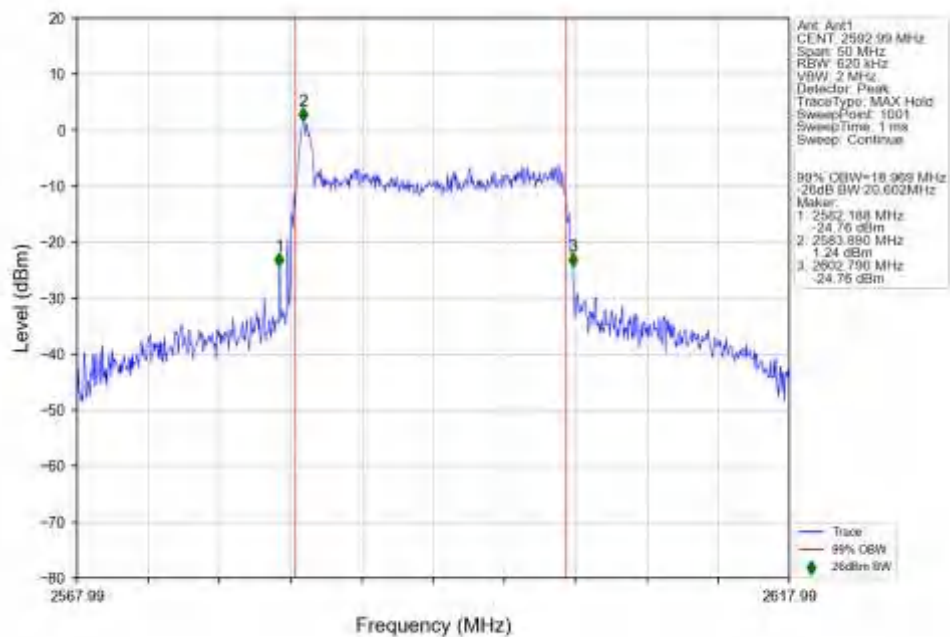
n41 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 2679.99MHz Outer_Full Ant1



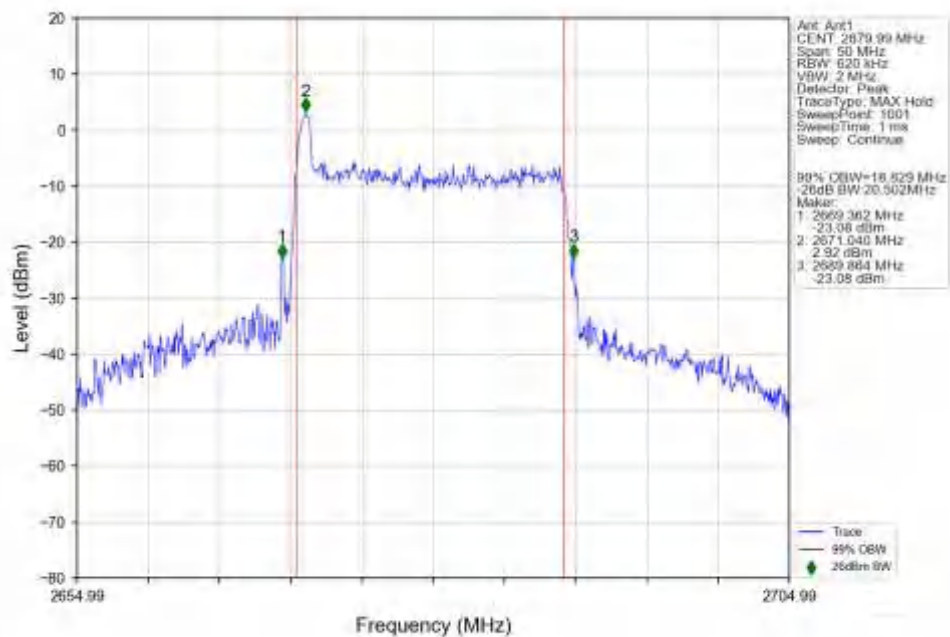
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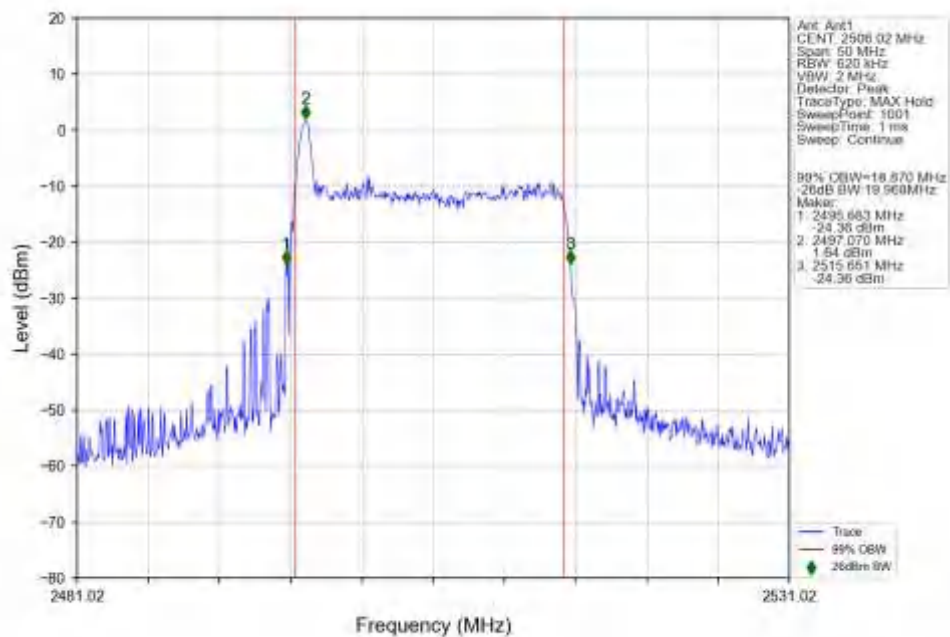
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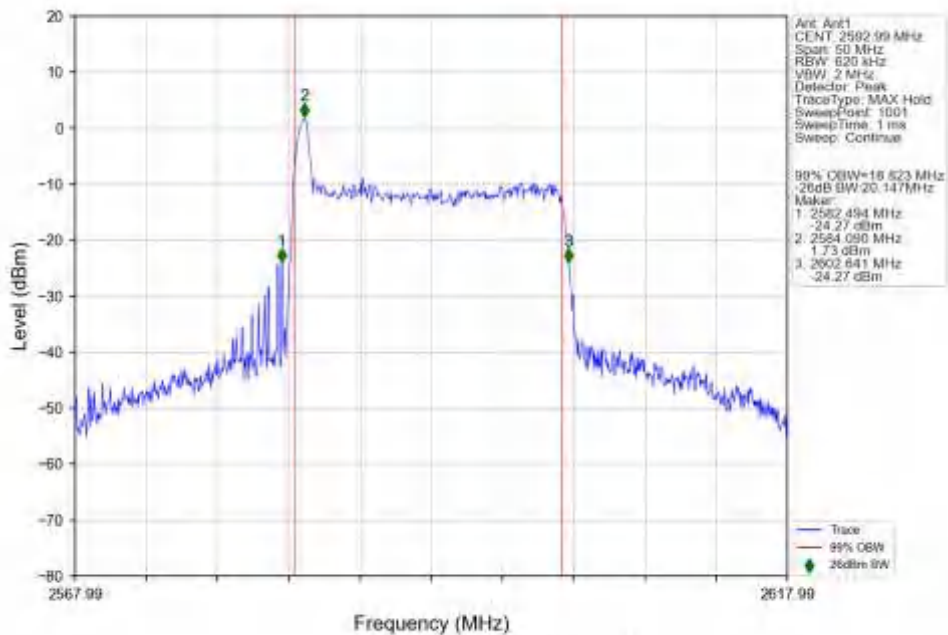
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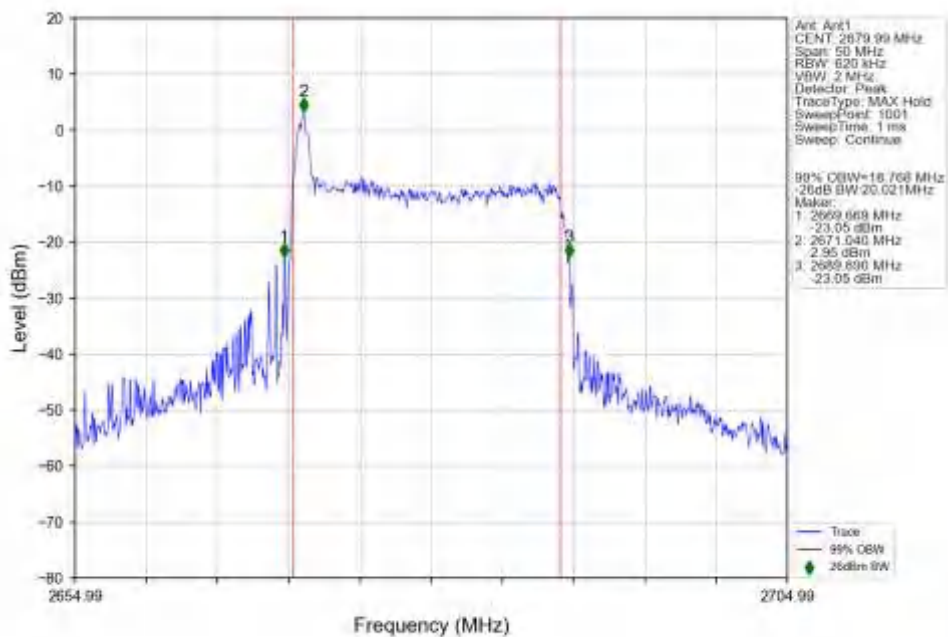
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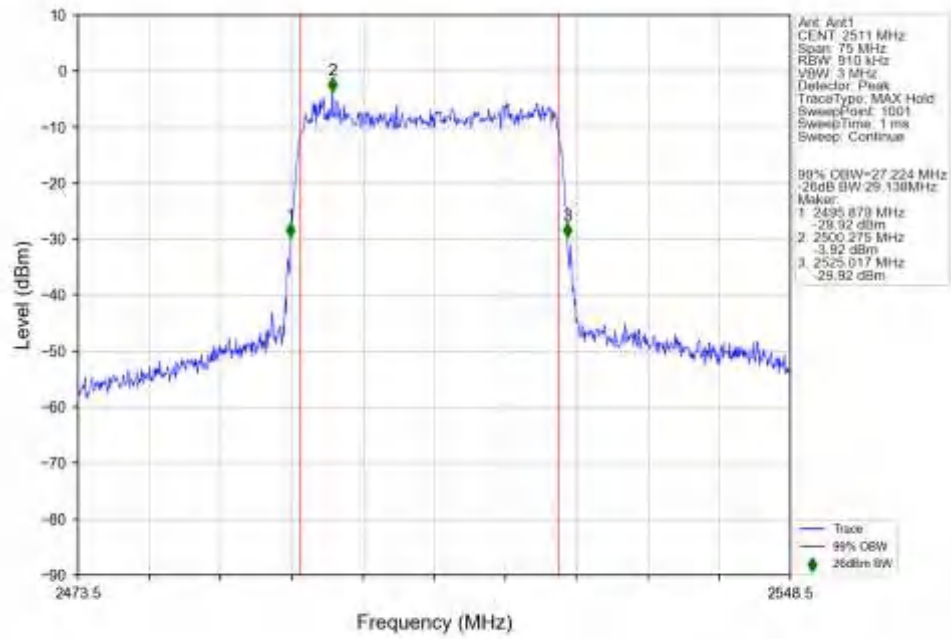


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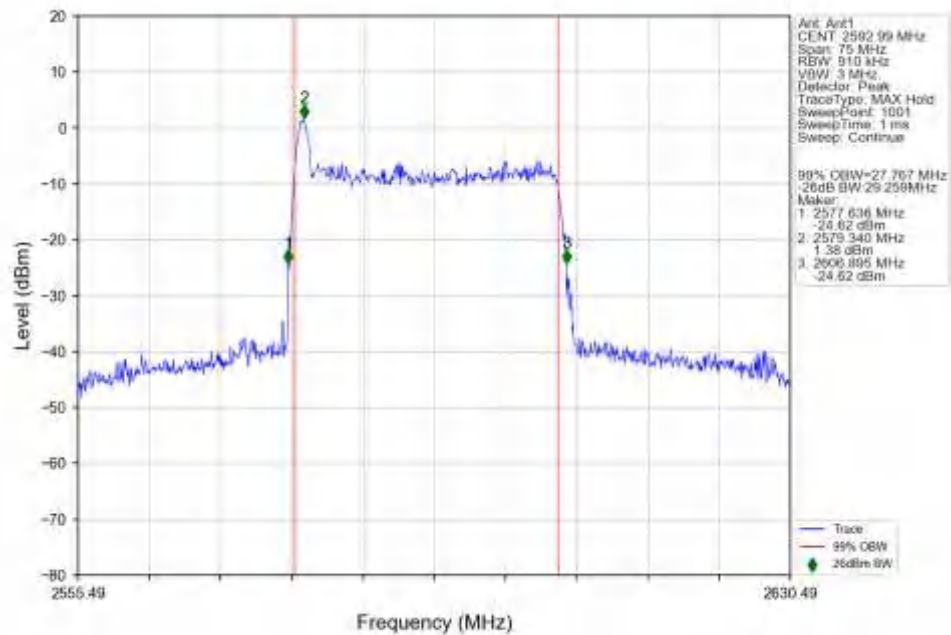


4.2.4 30k_SISO_30MHz_NTNV

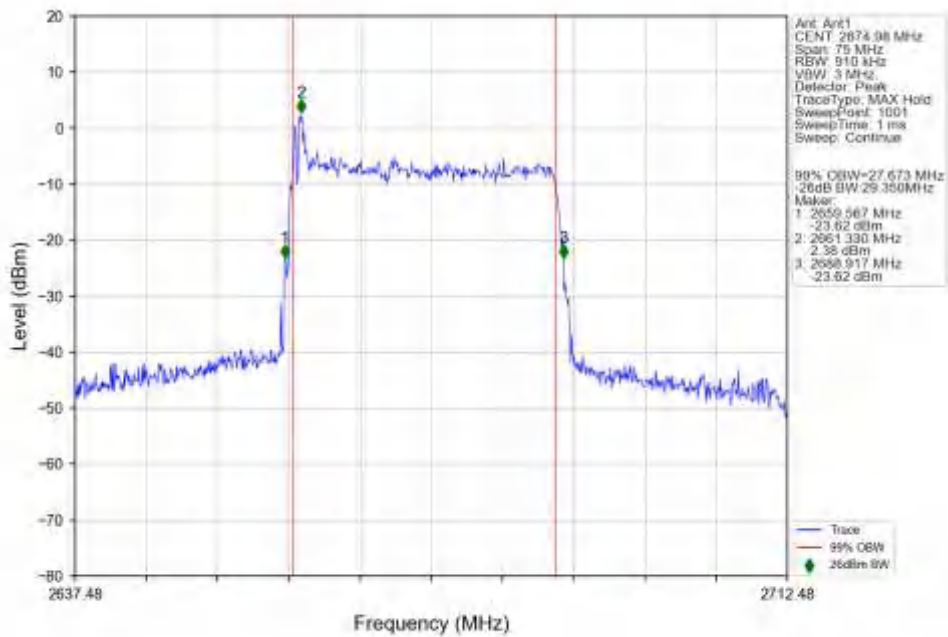
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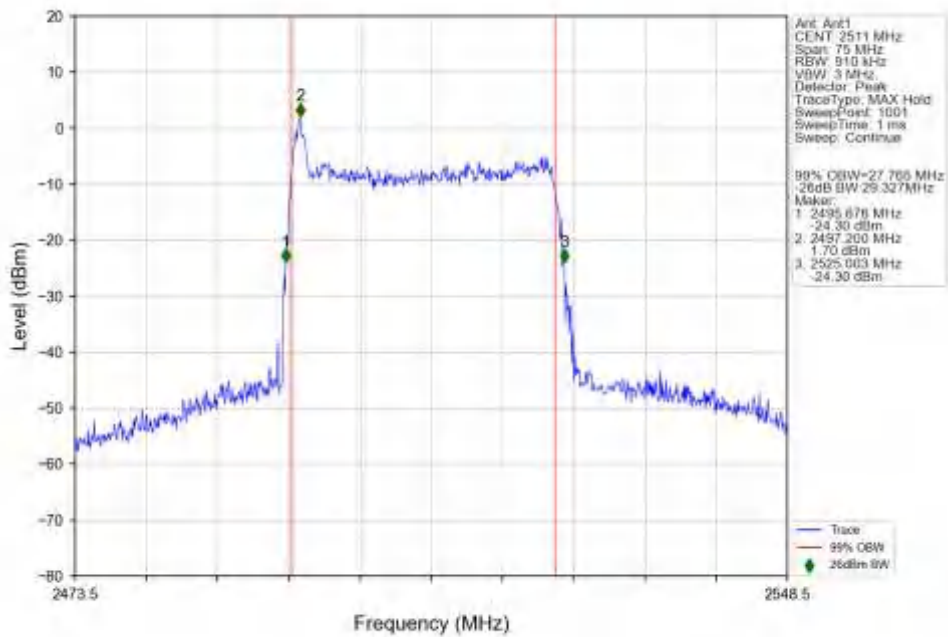
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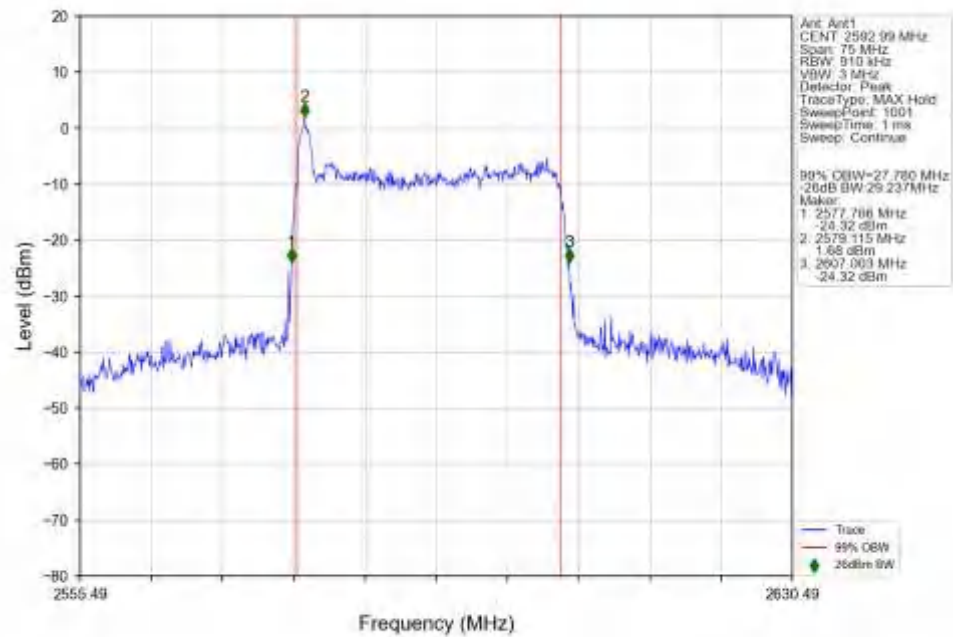
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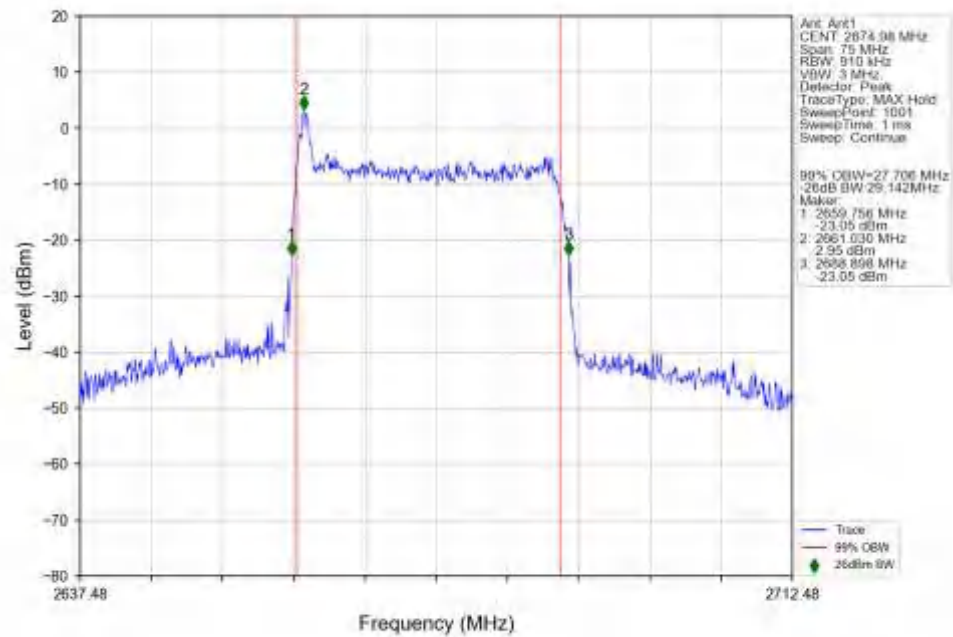
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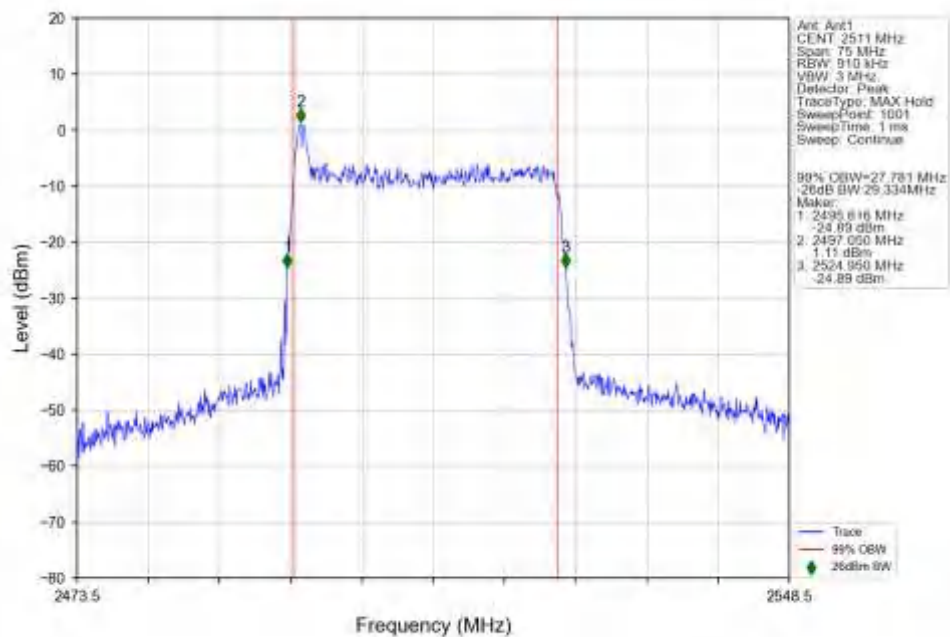
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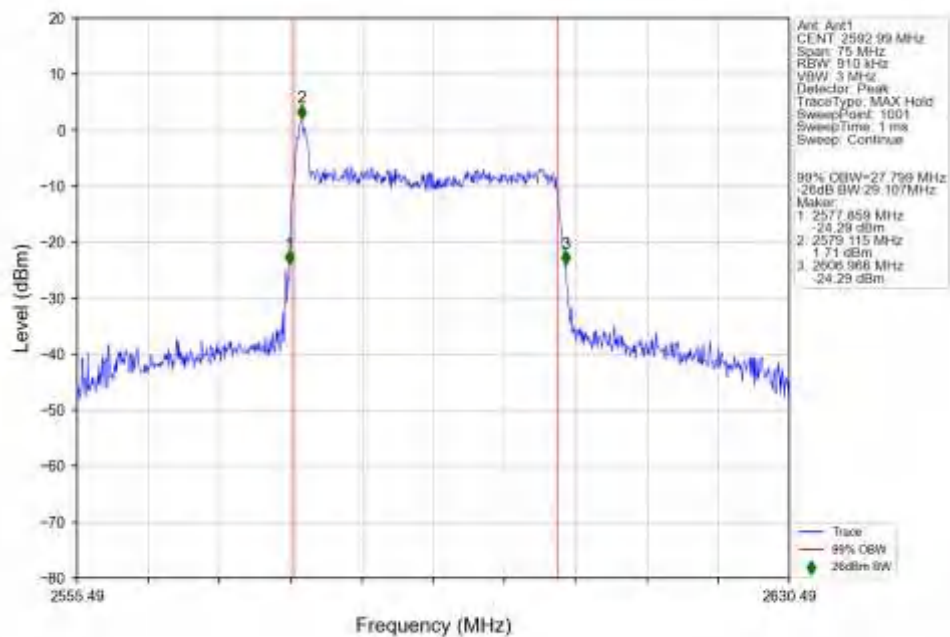
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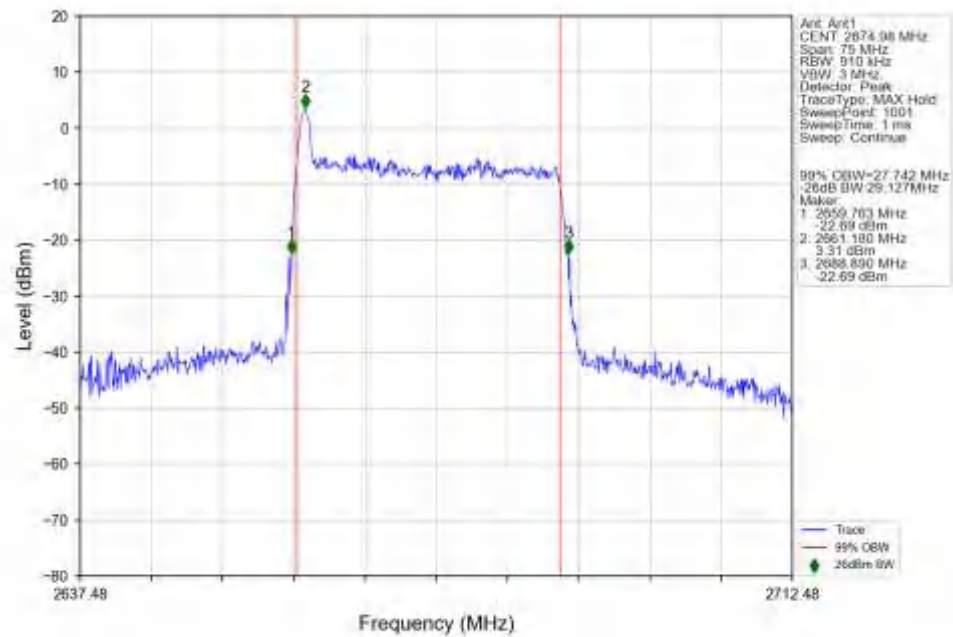
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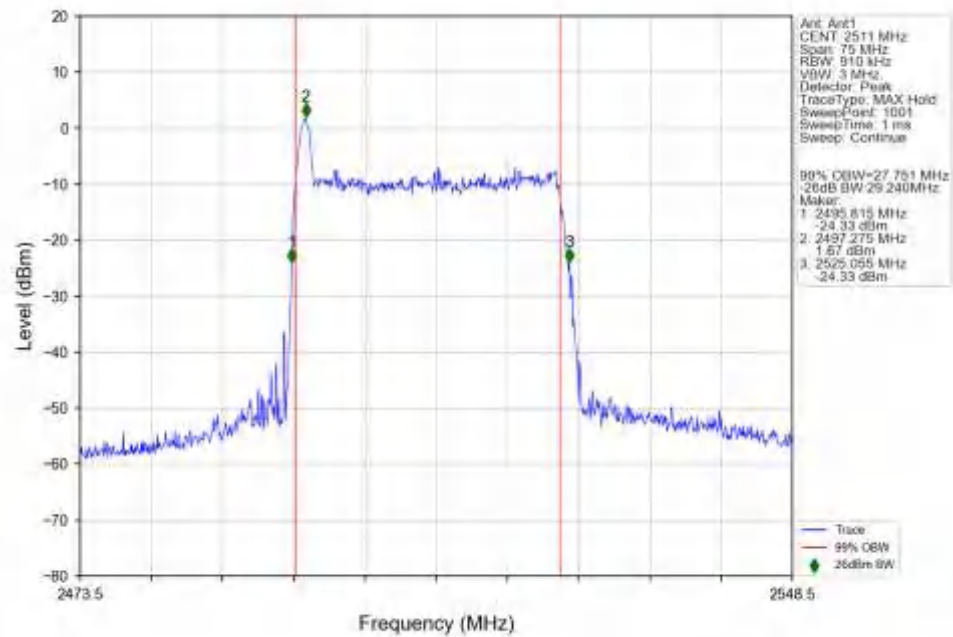
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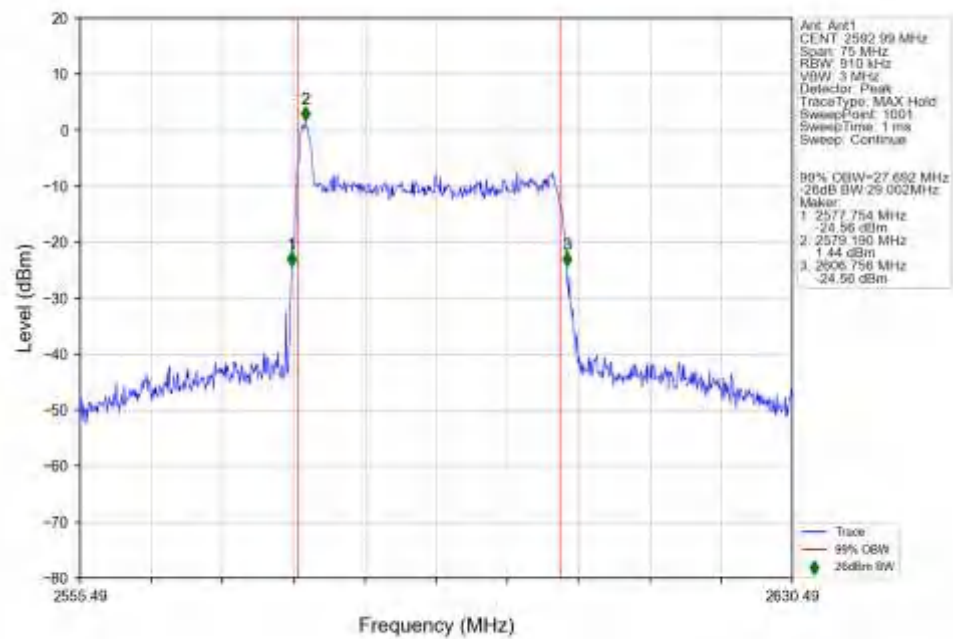
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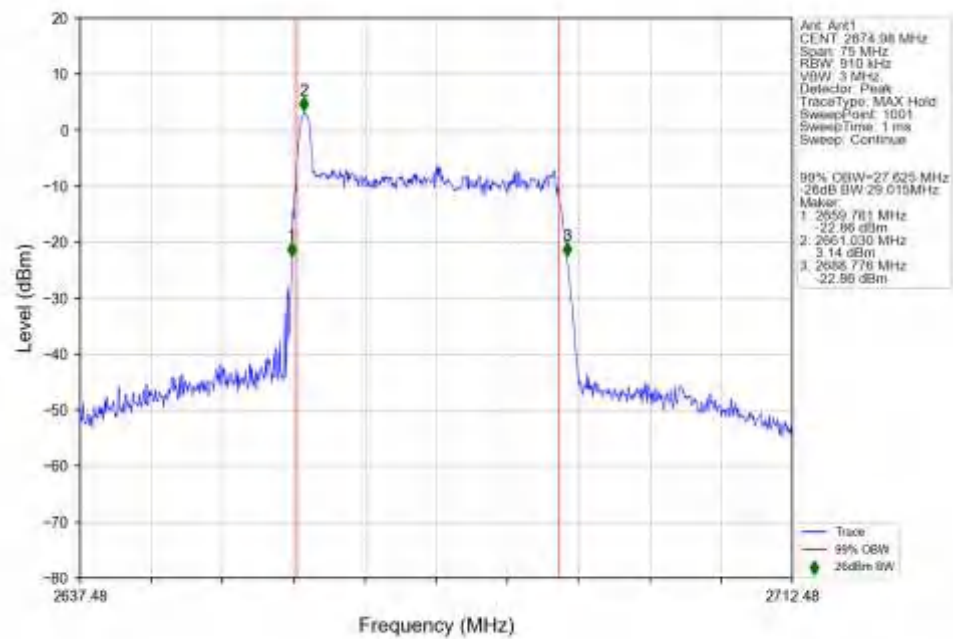
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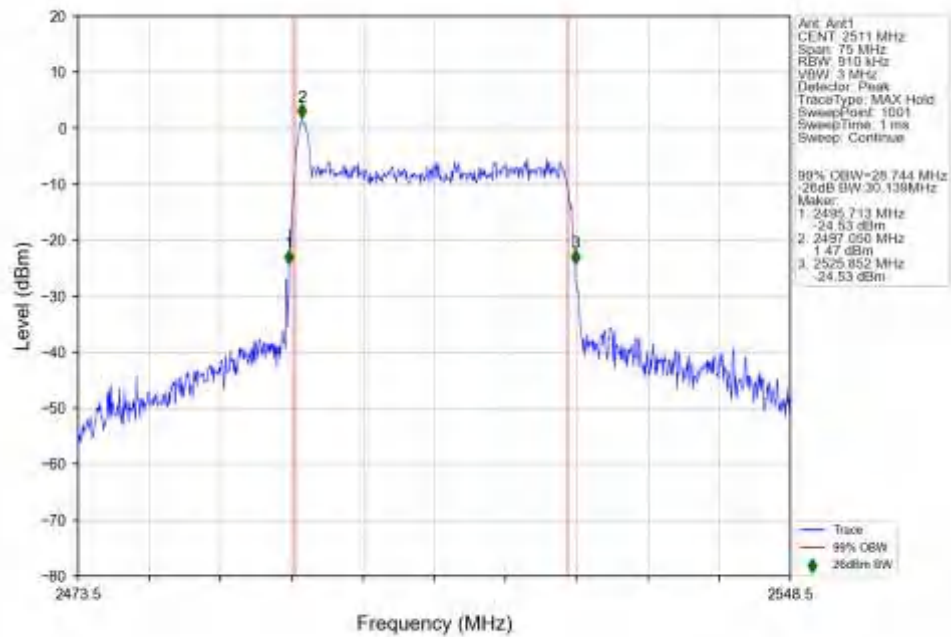
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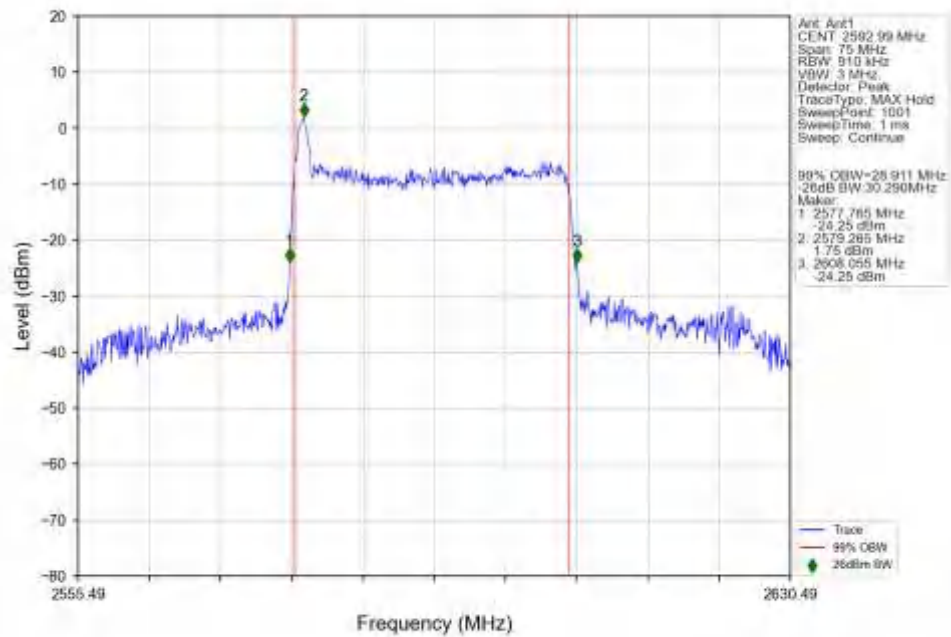
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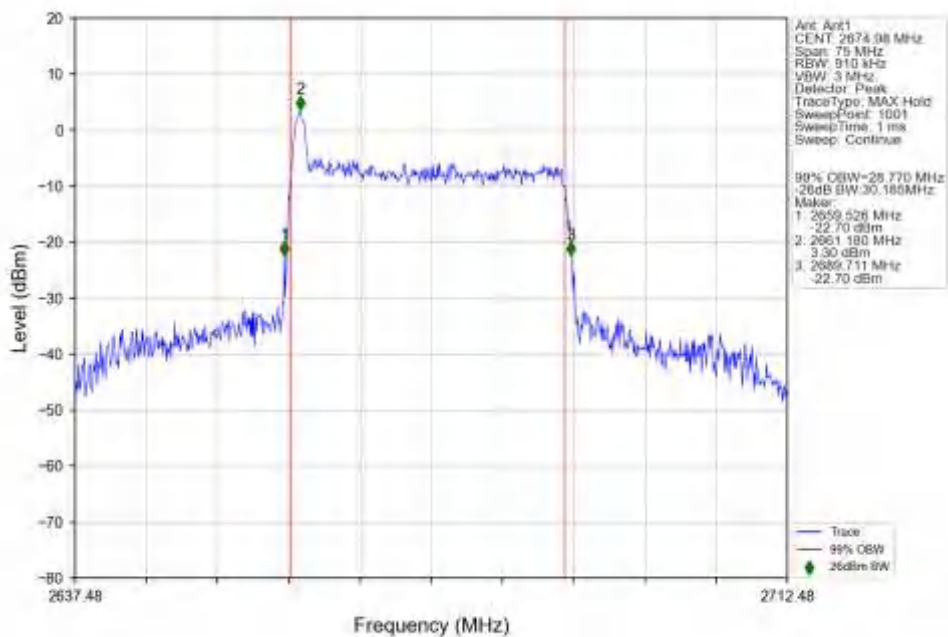
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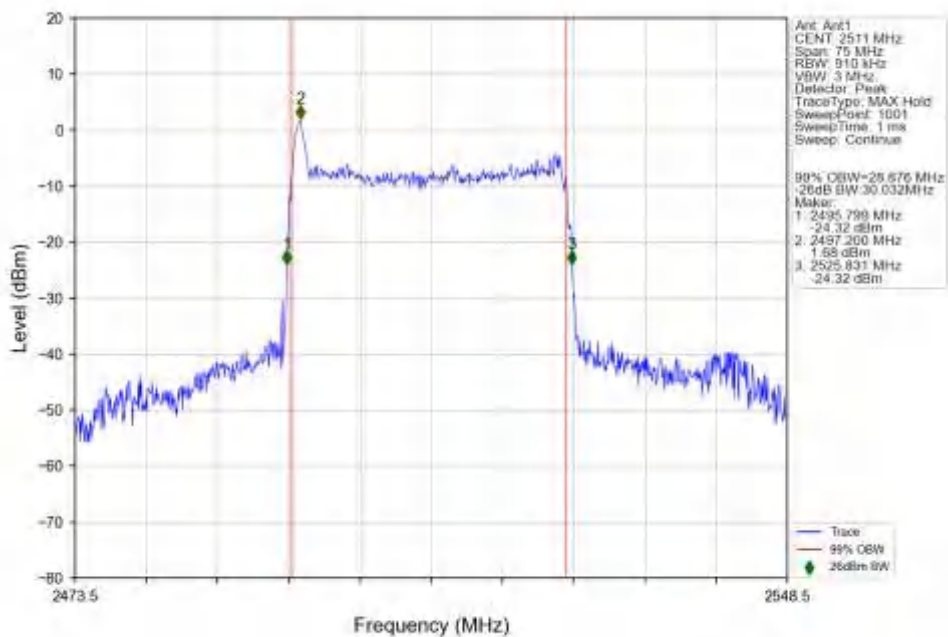
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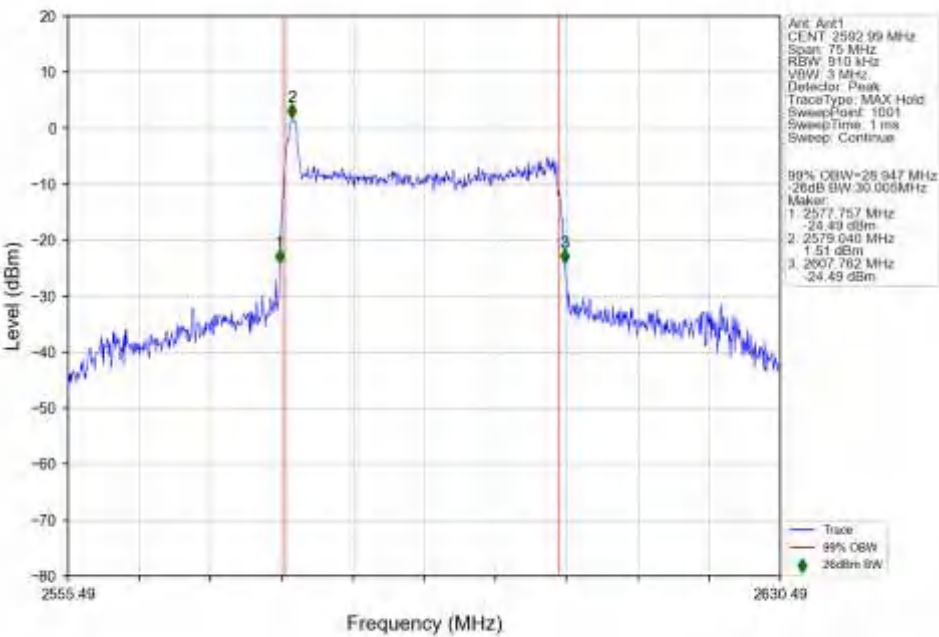
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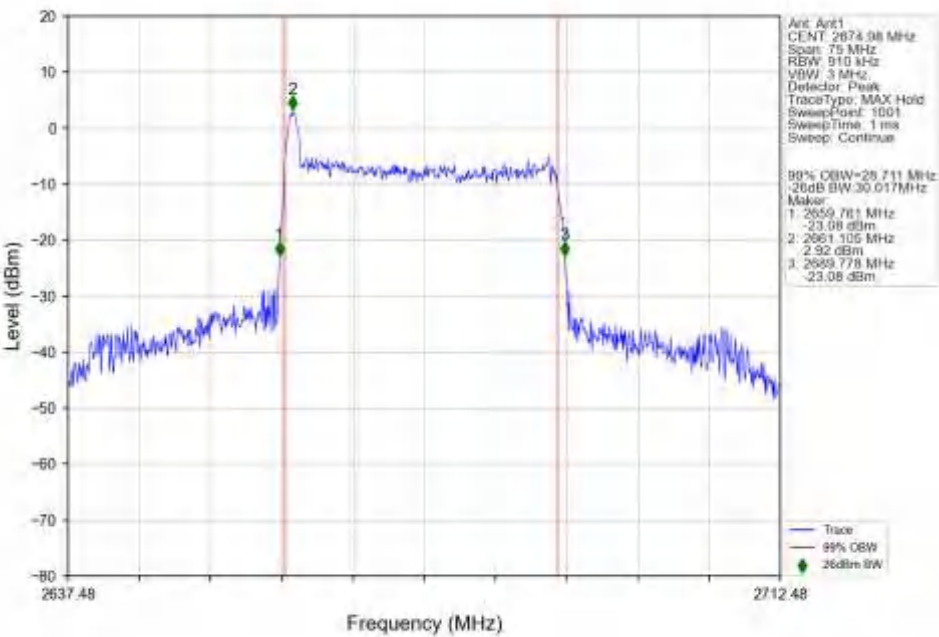
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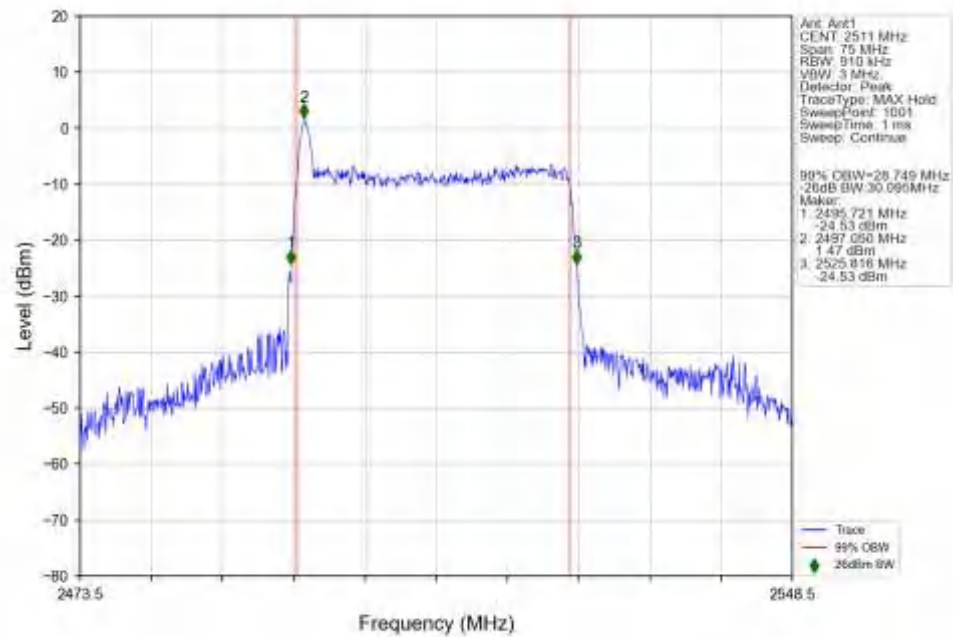
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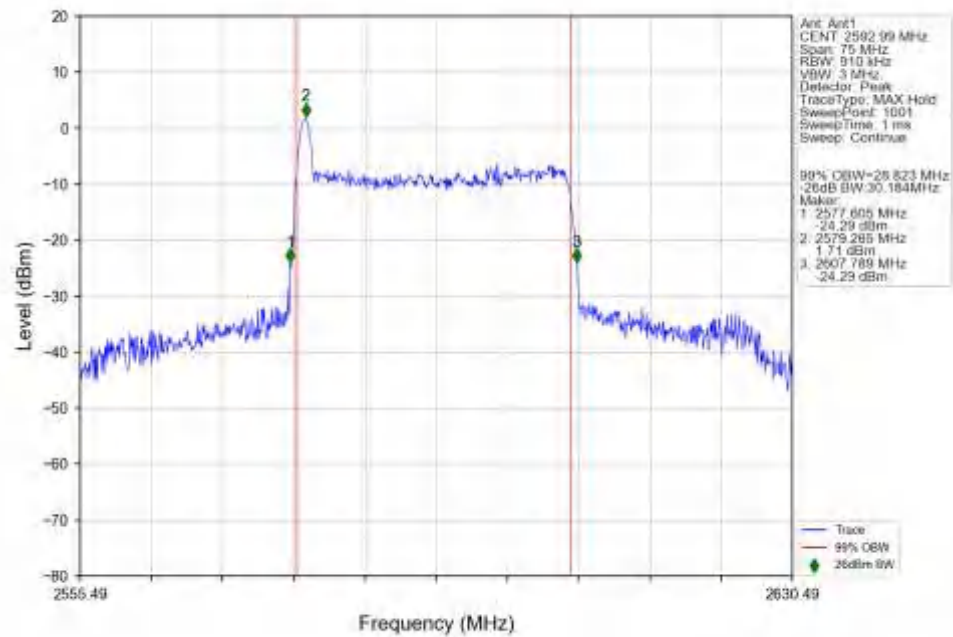
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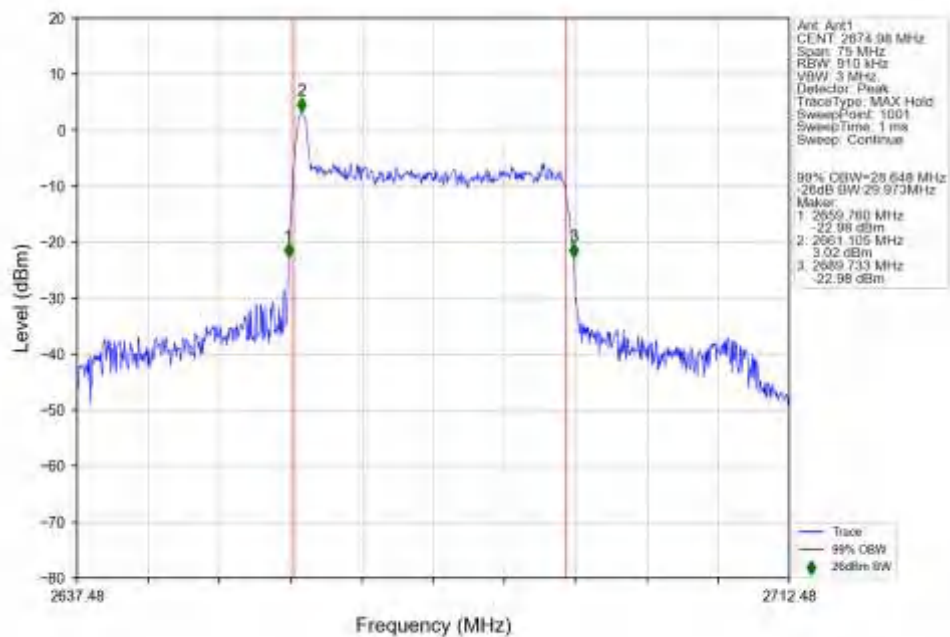
n41 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 2511MHz Outer Full Ant1



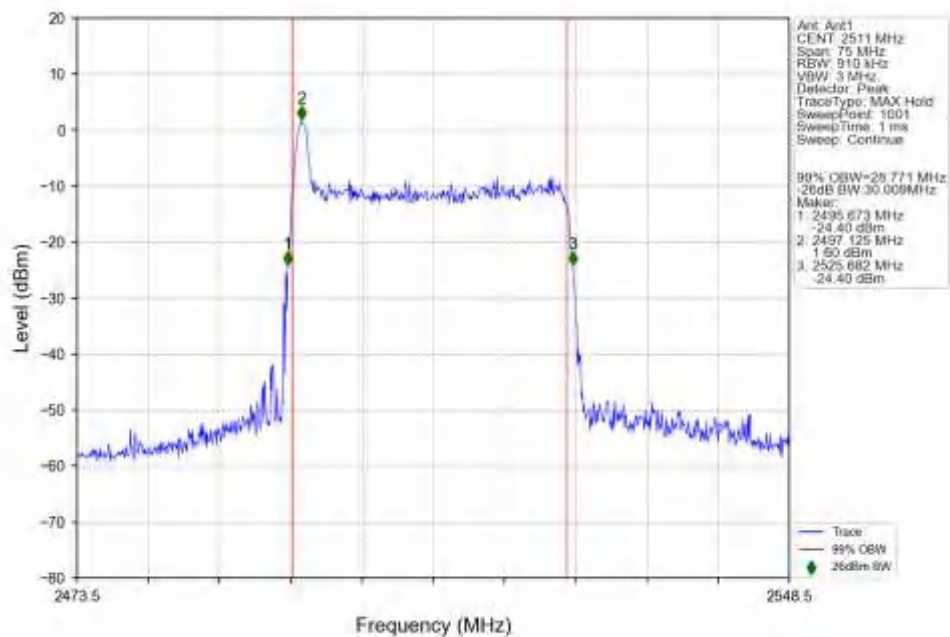
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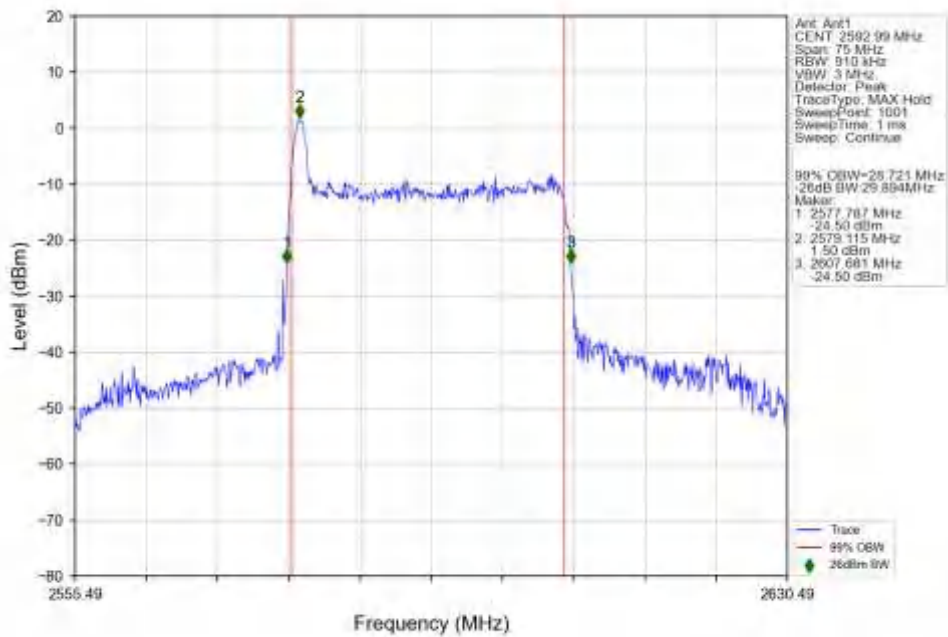
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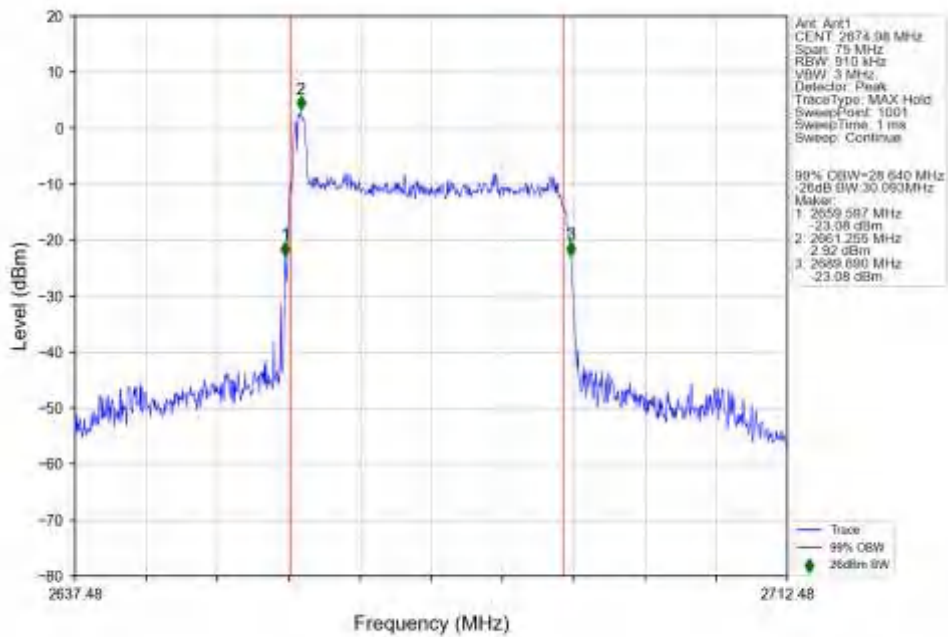
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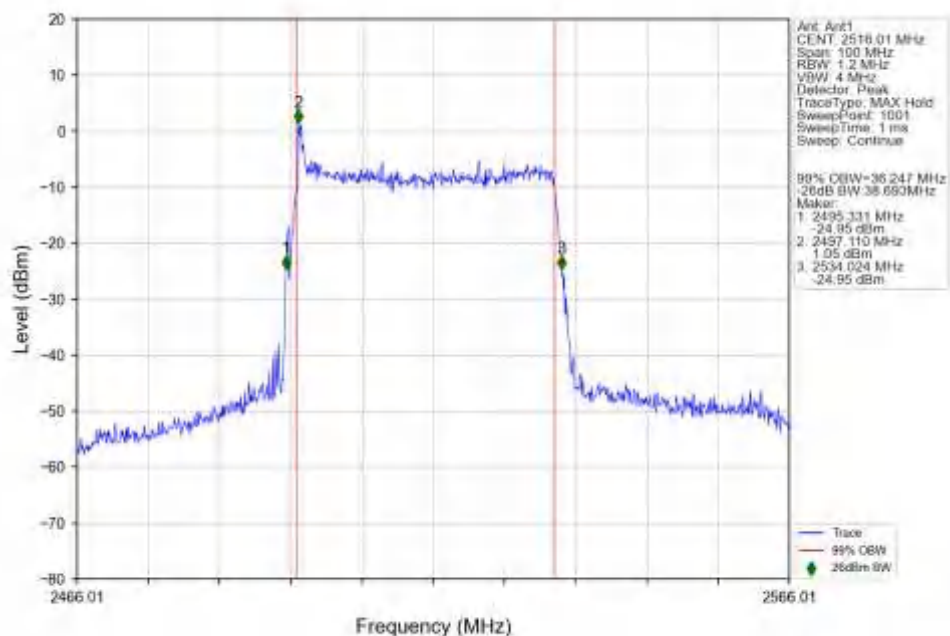


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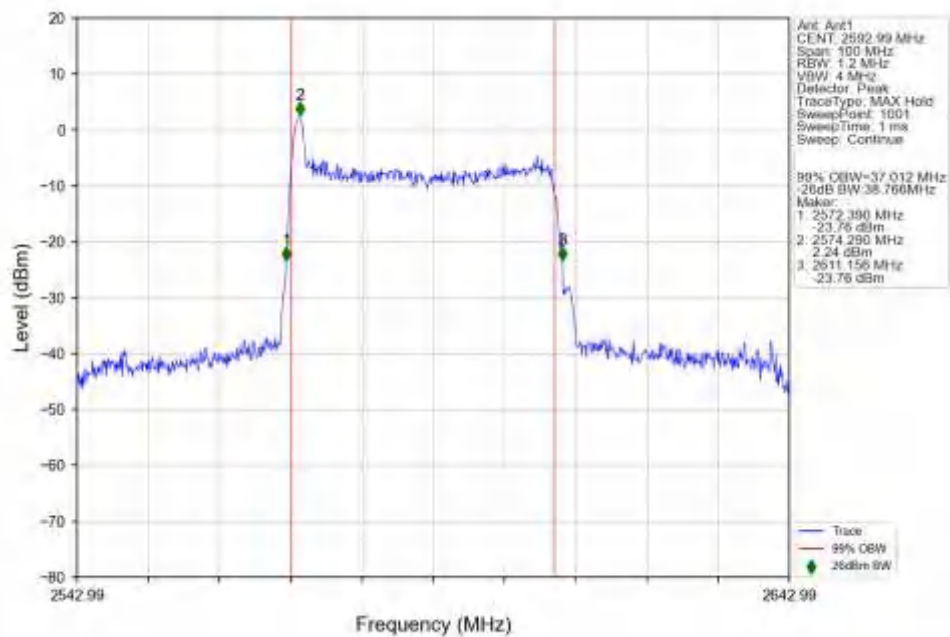


4.2.5 30k_SISO_40MHz_NTNV

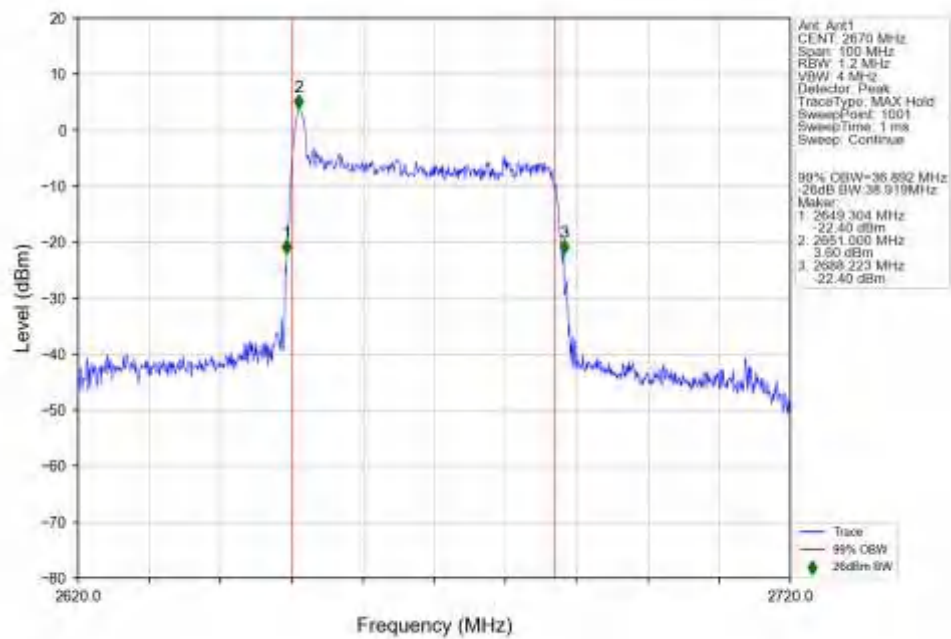
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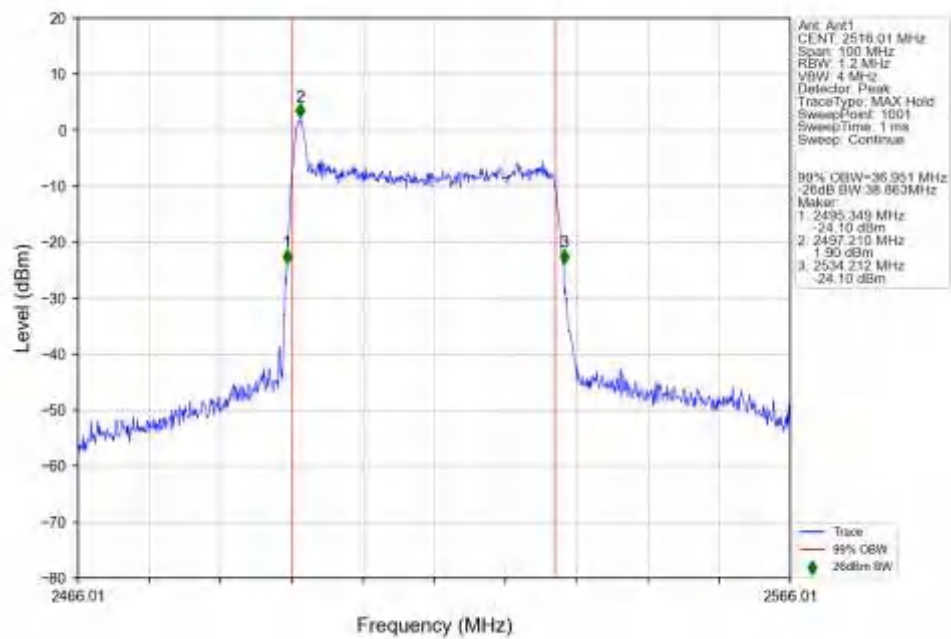
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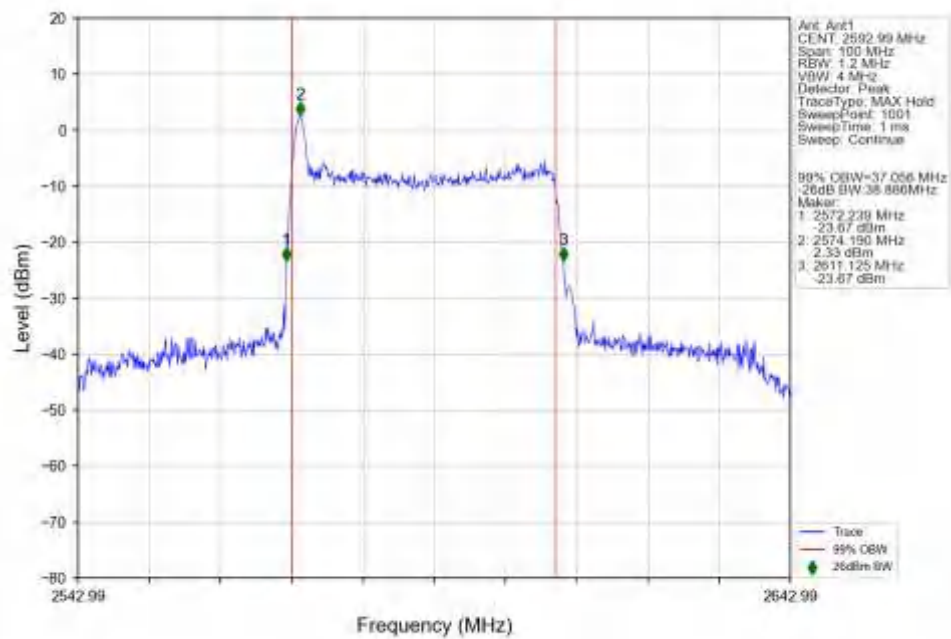
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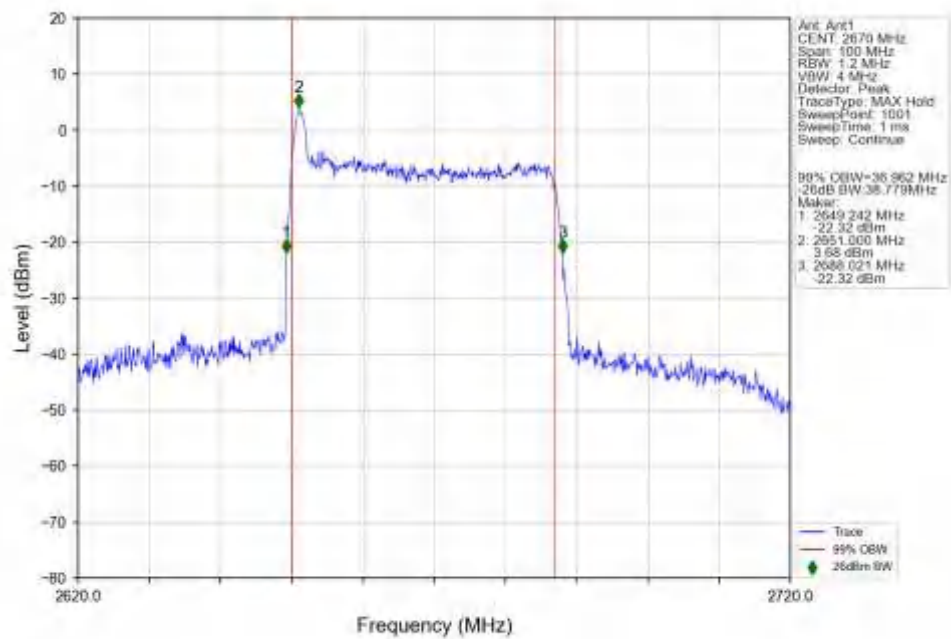
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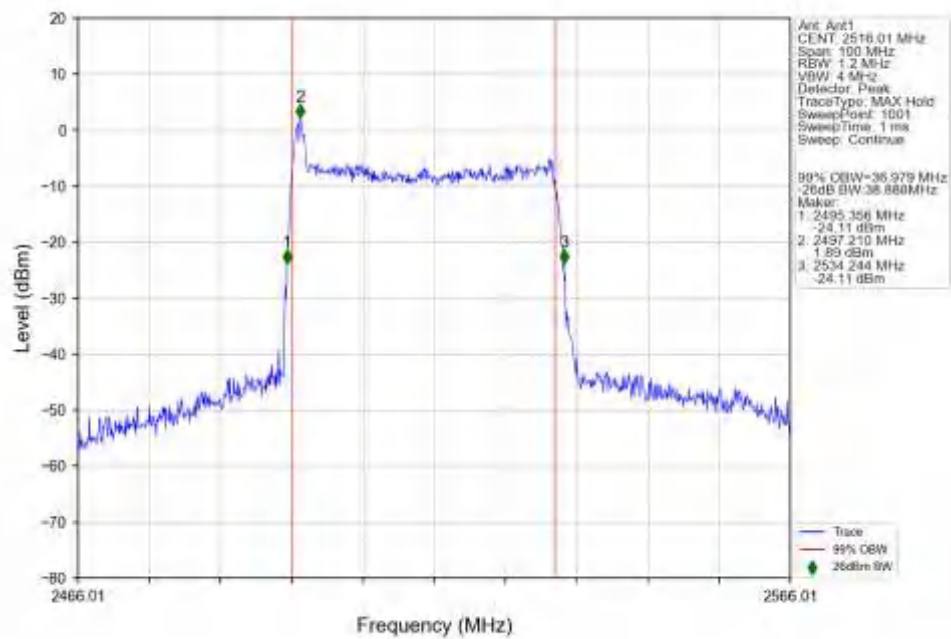
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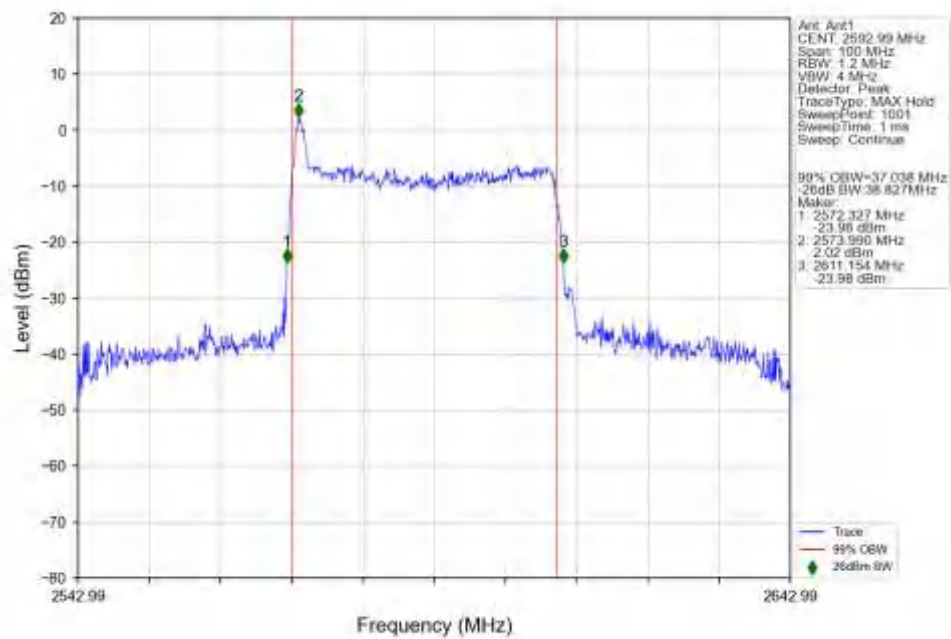
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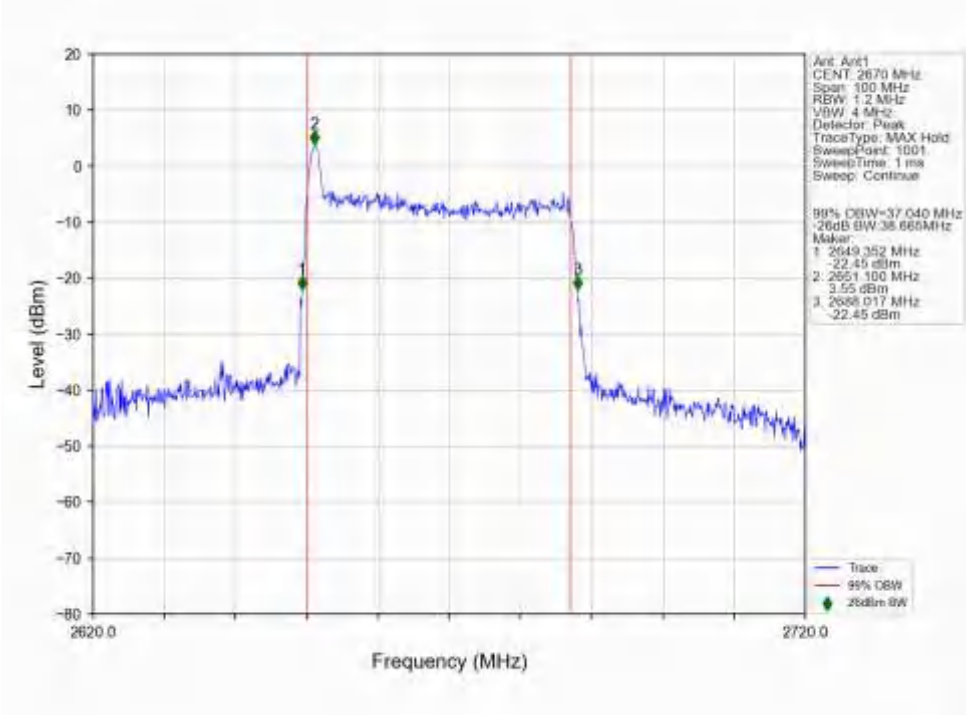
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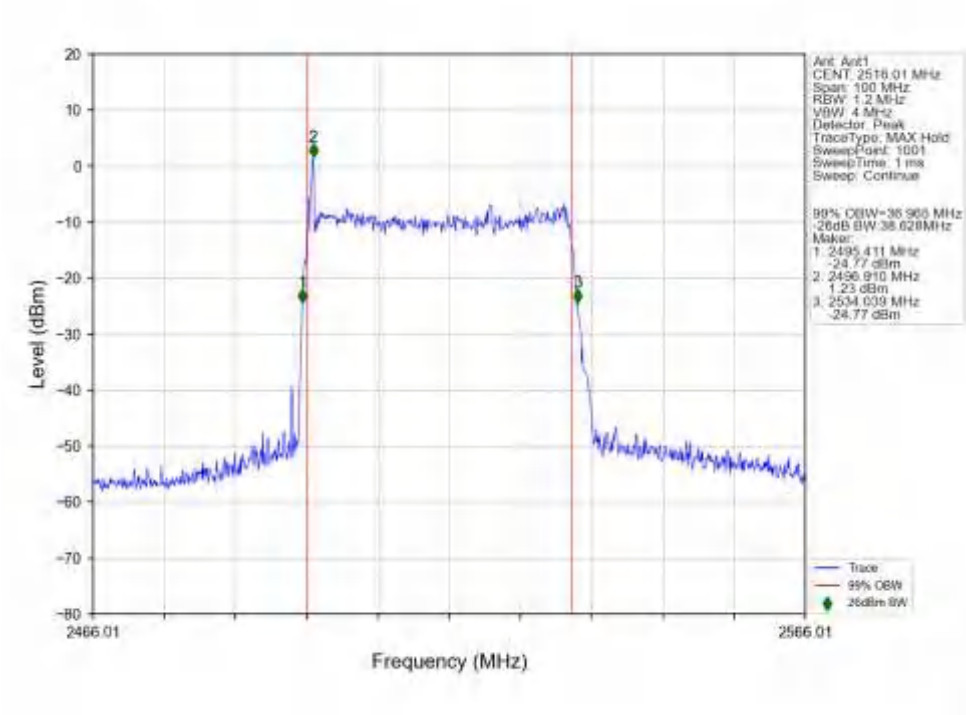
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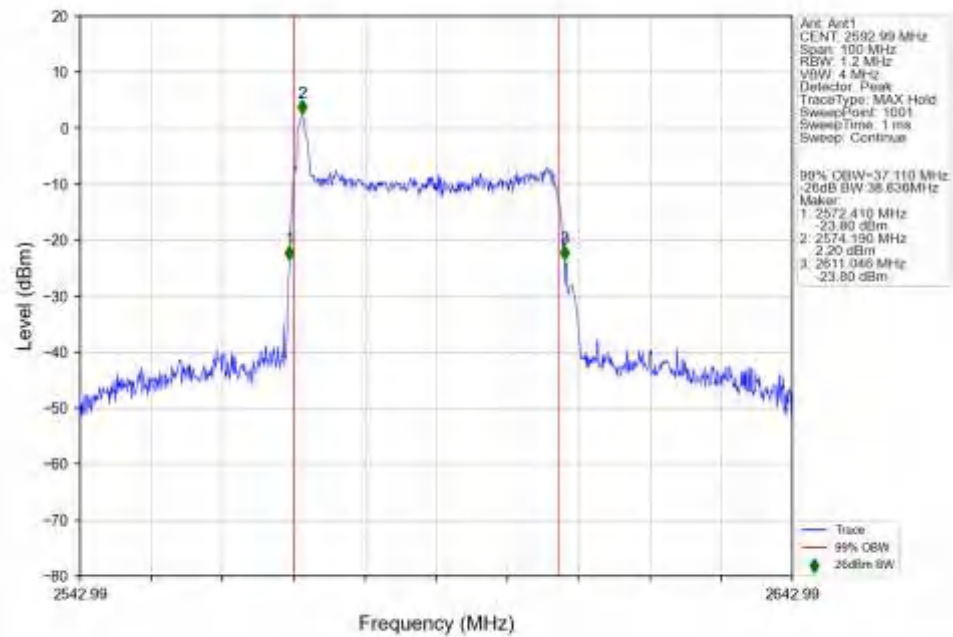
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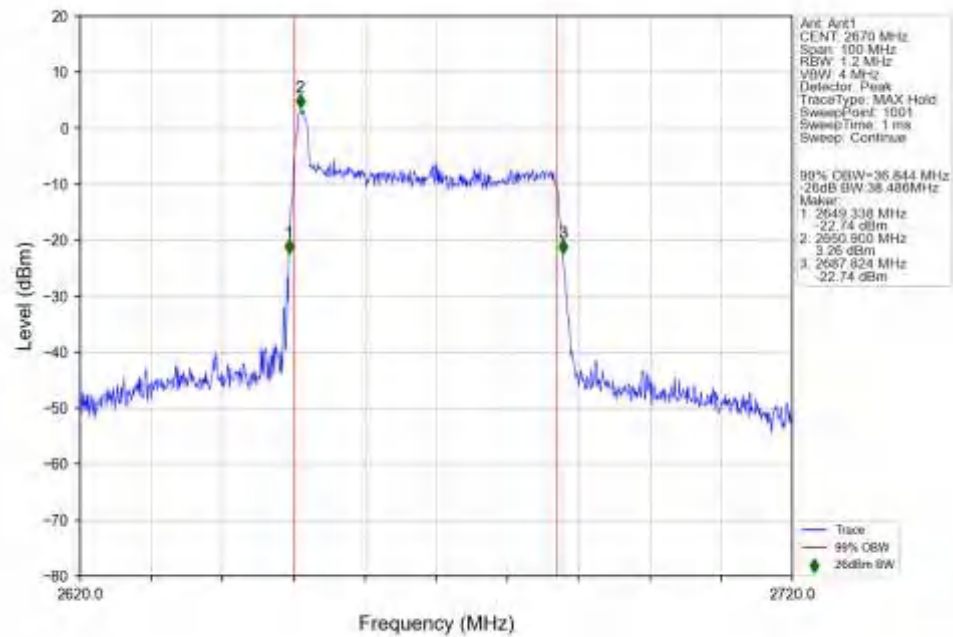
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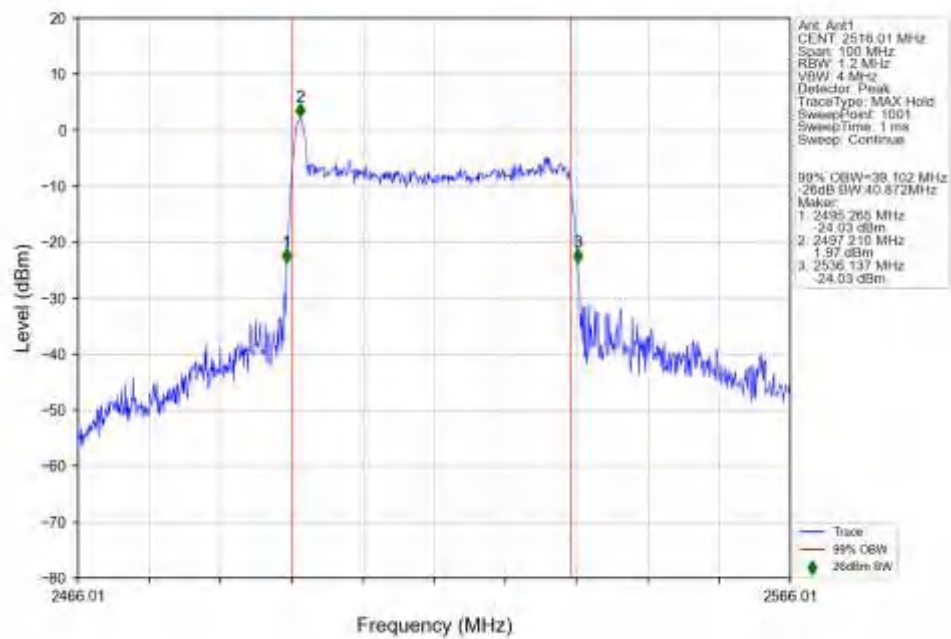
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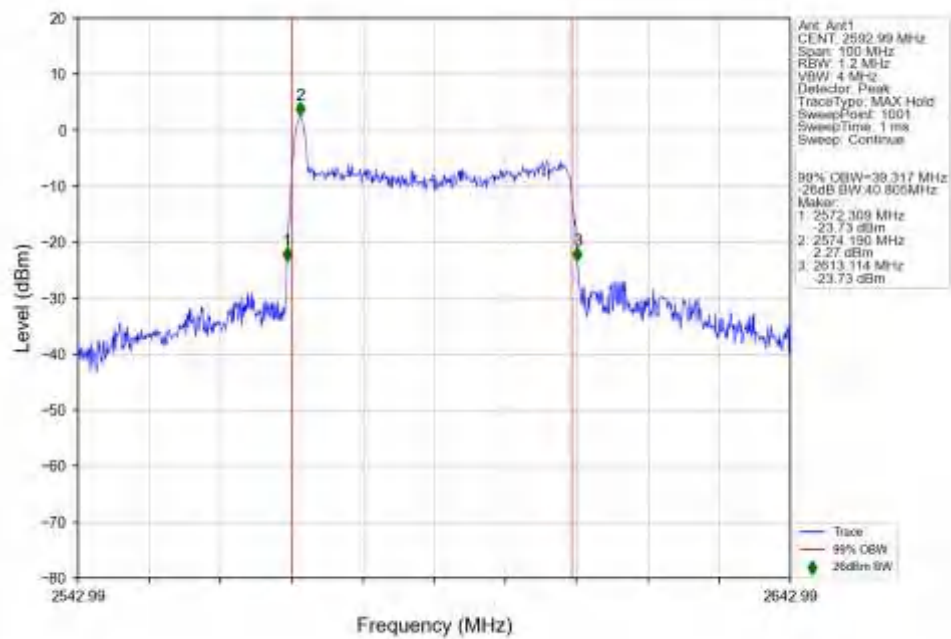
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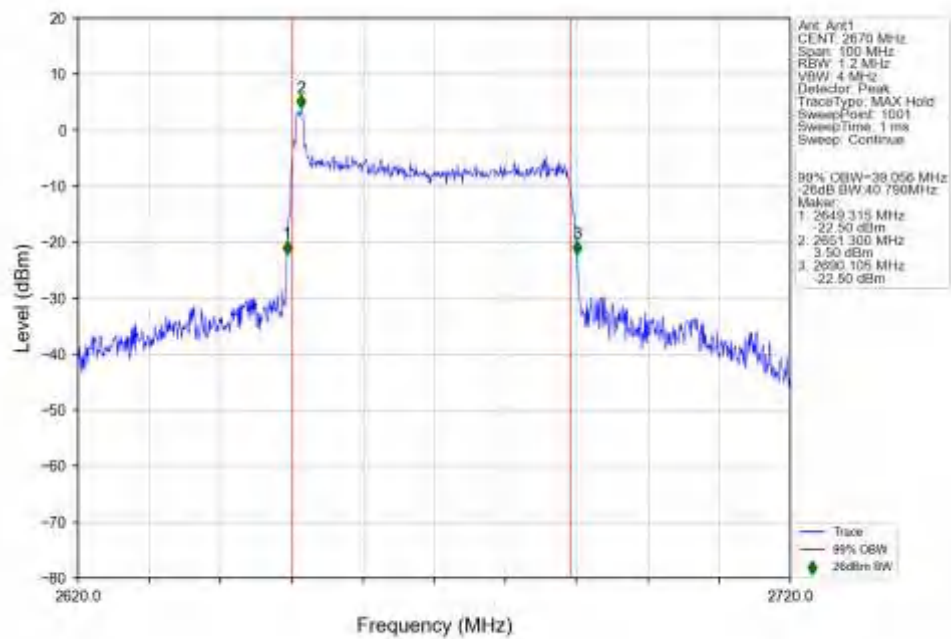
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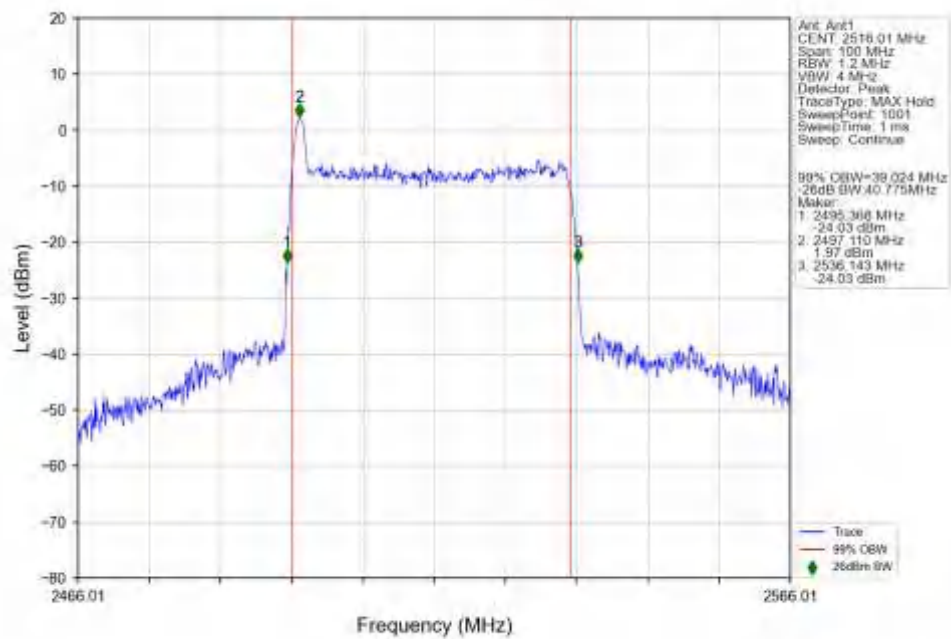
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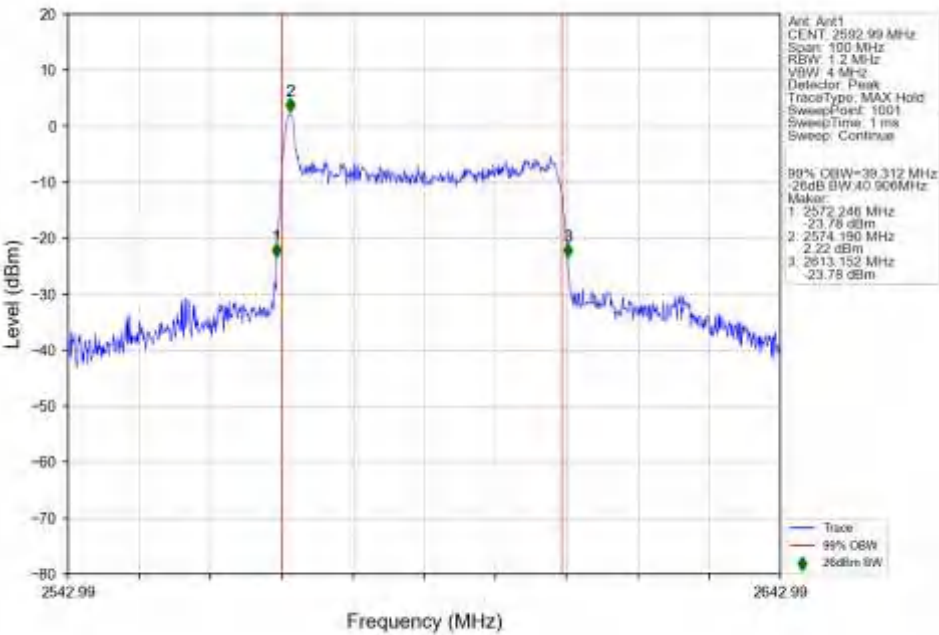
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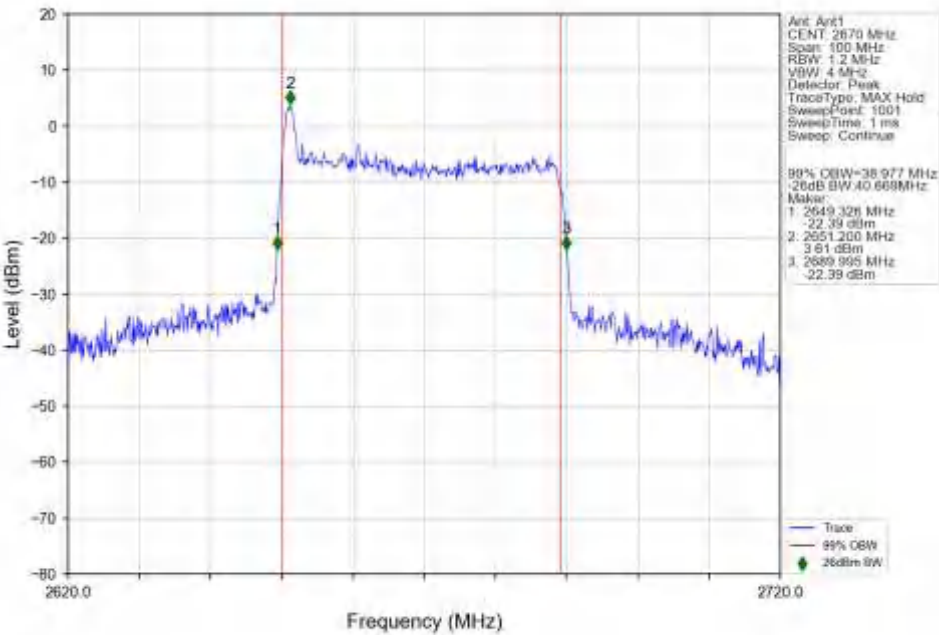
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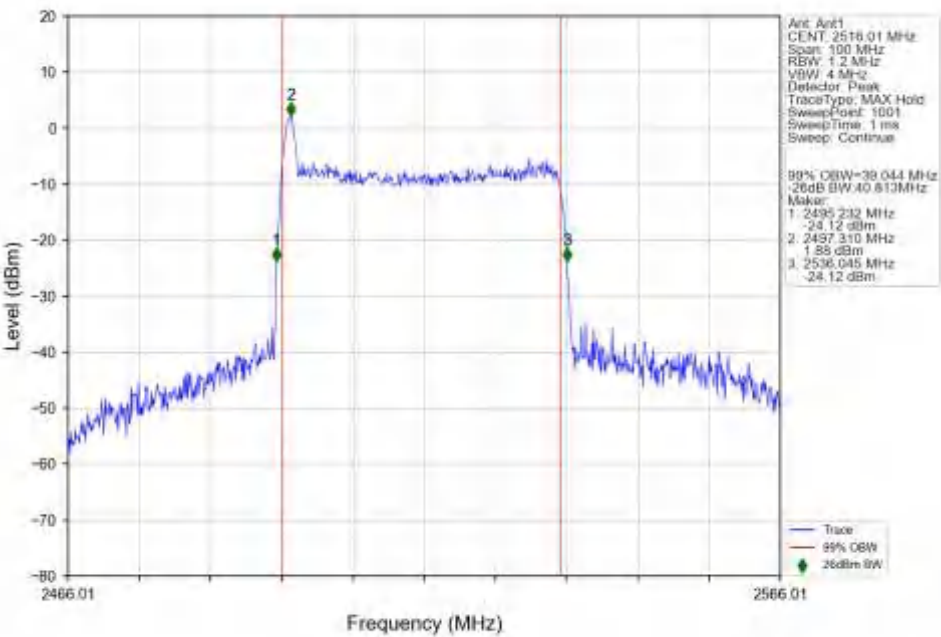
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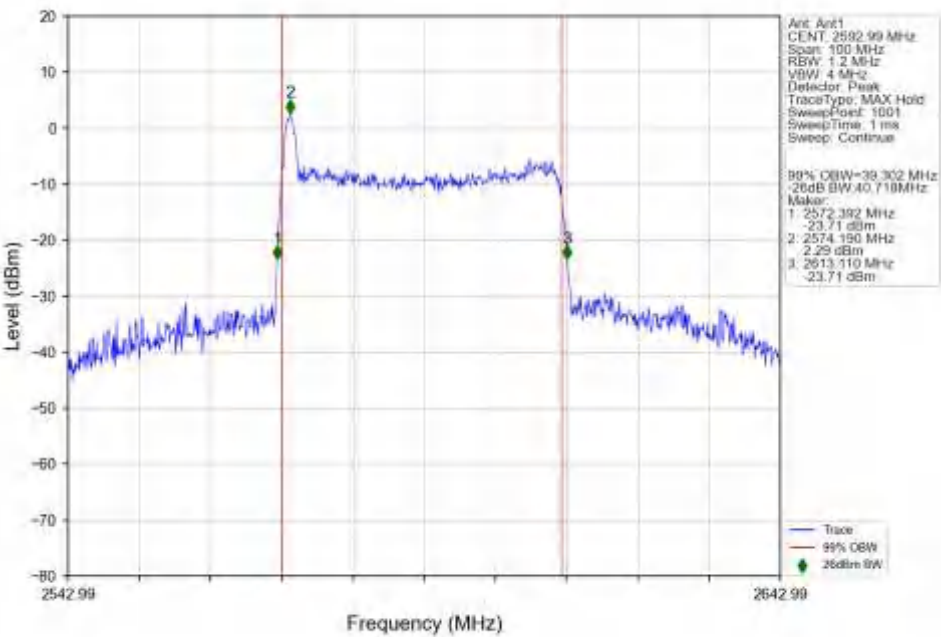
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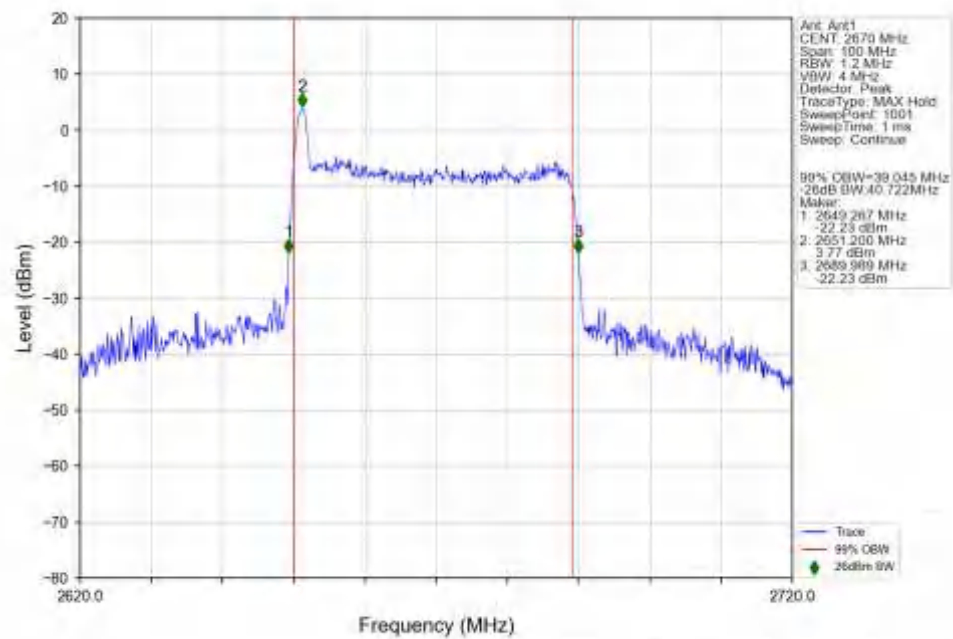
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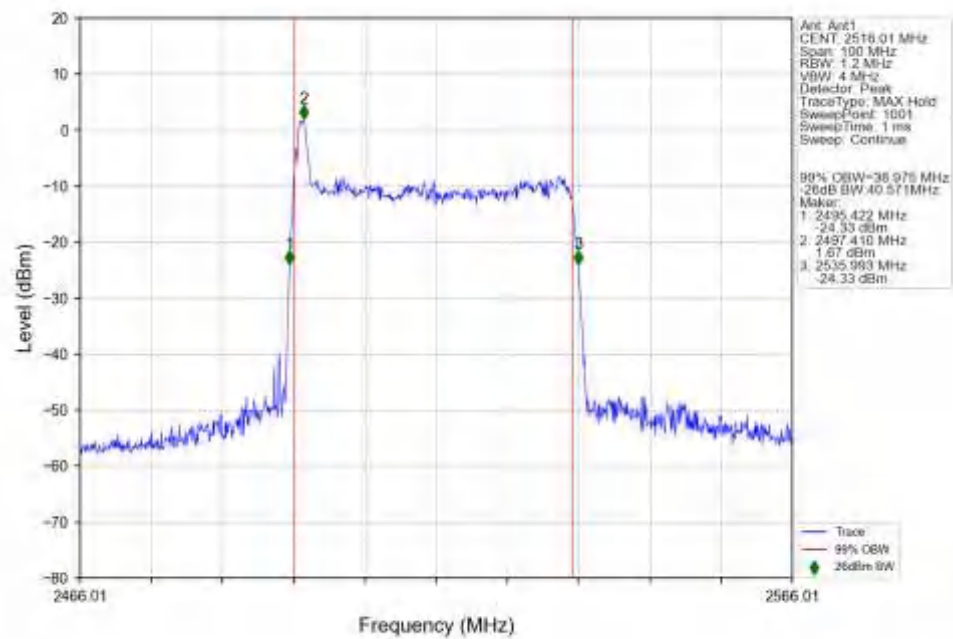
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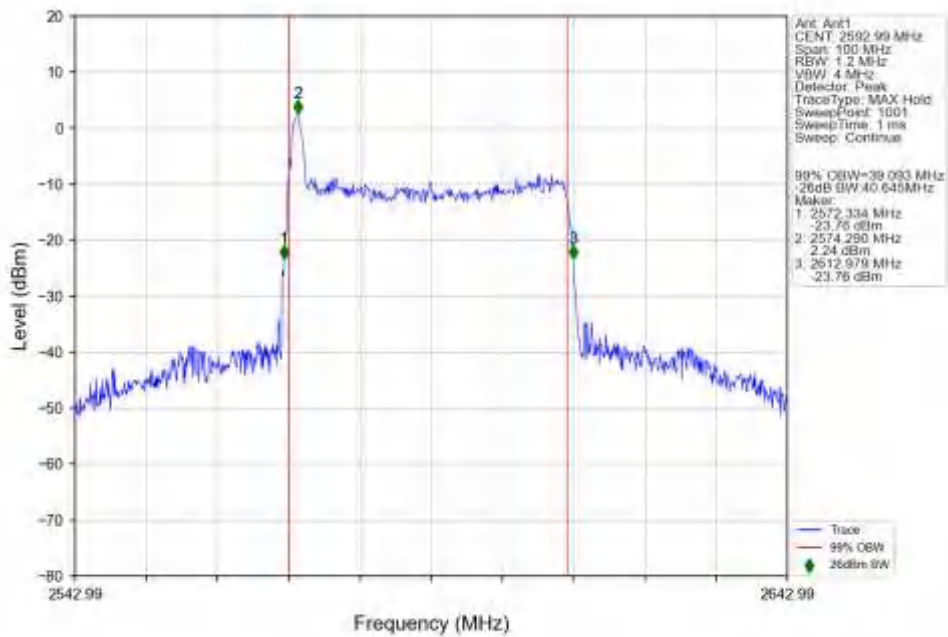
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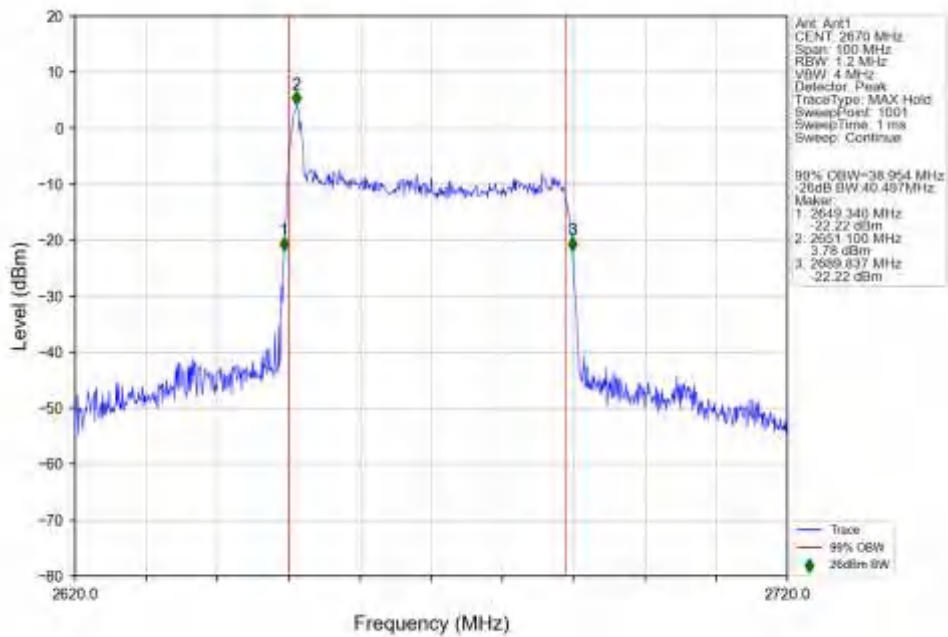
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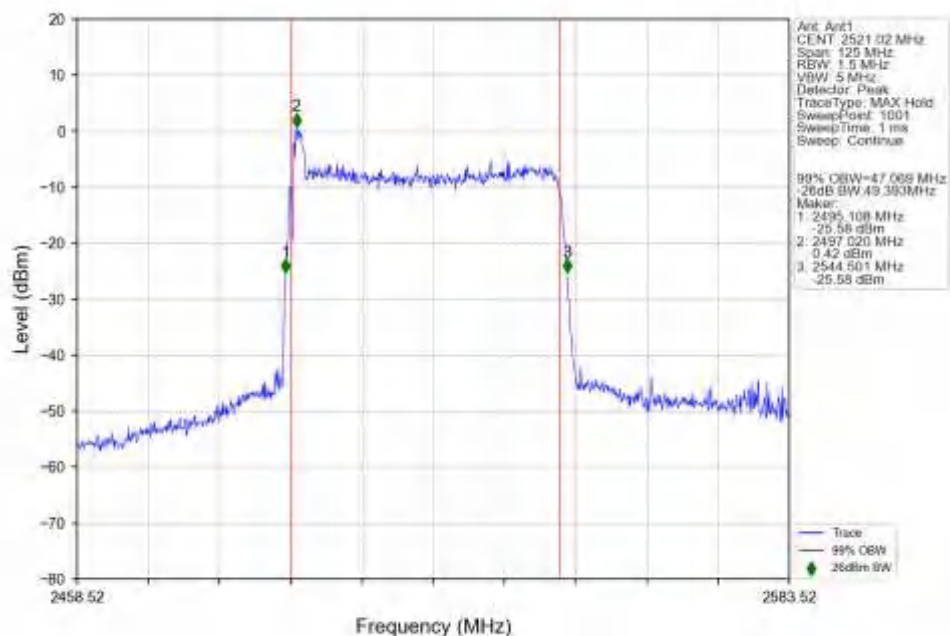


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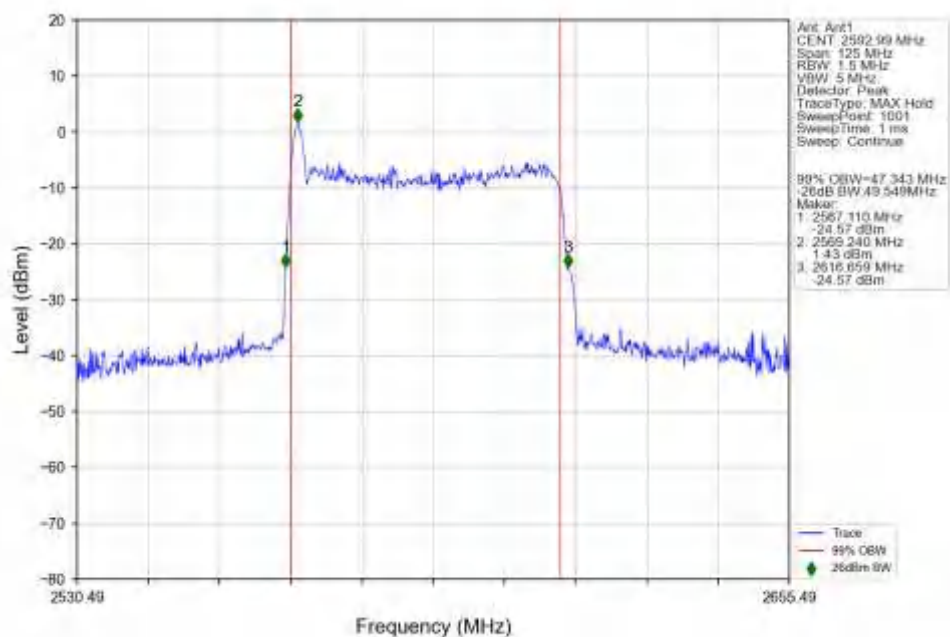


4.2.6 30k_SISO_50MHz_NTNV

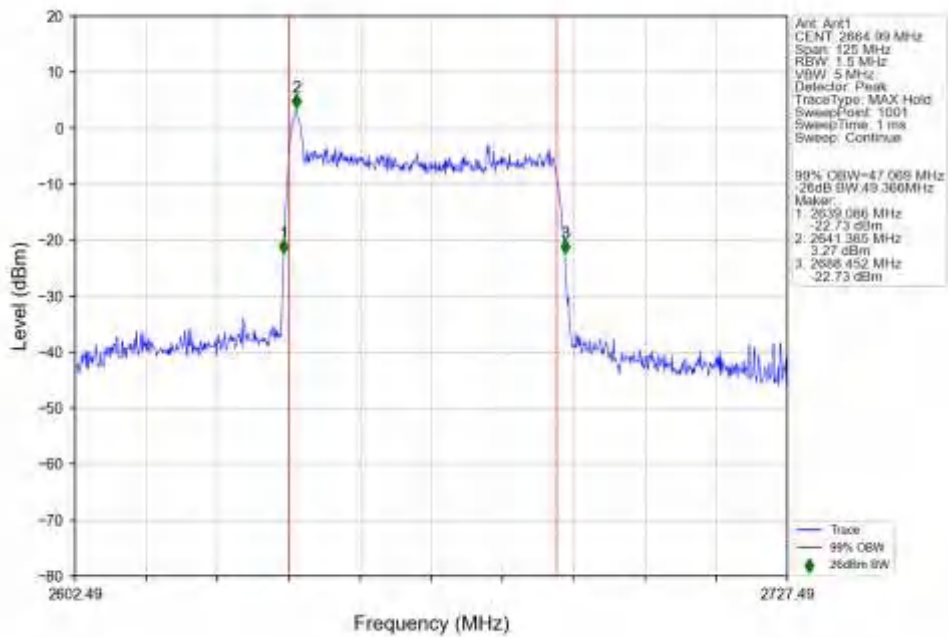
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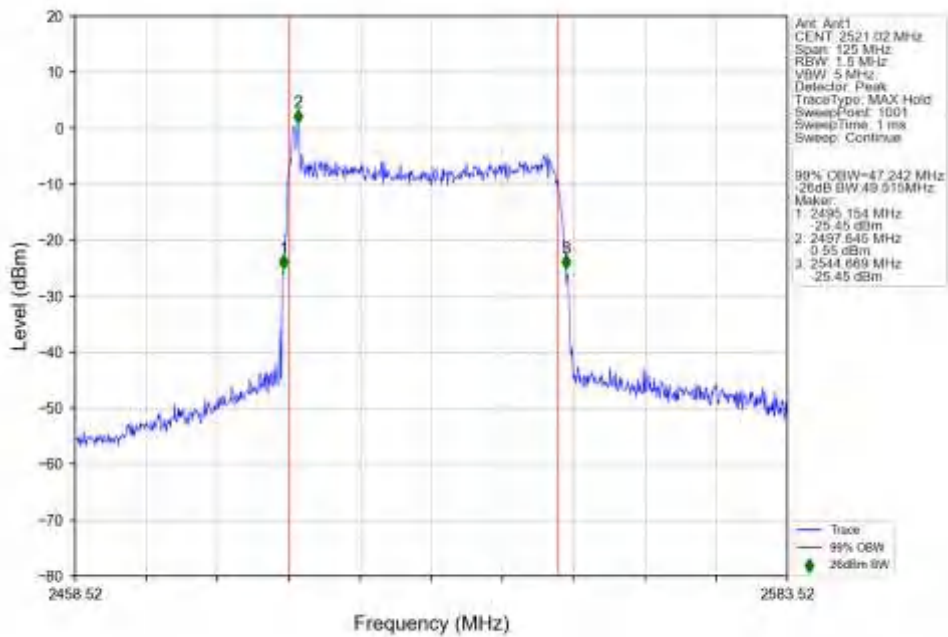
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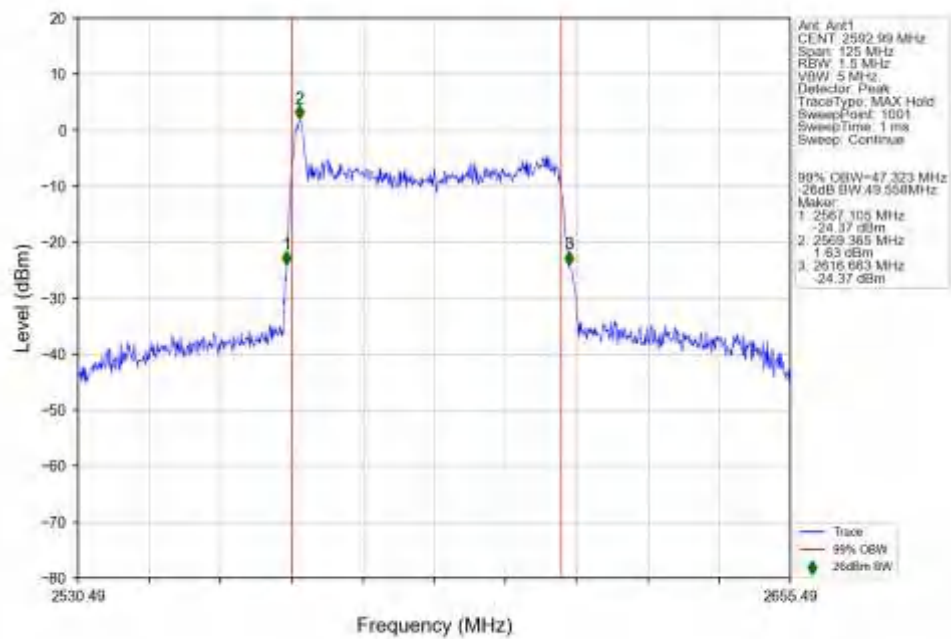
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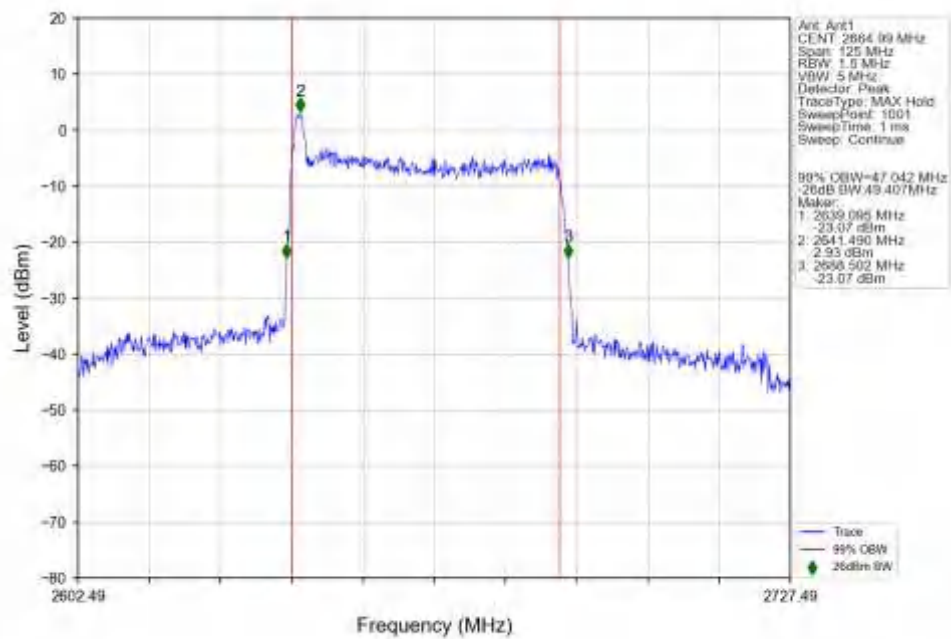
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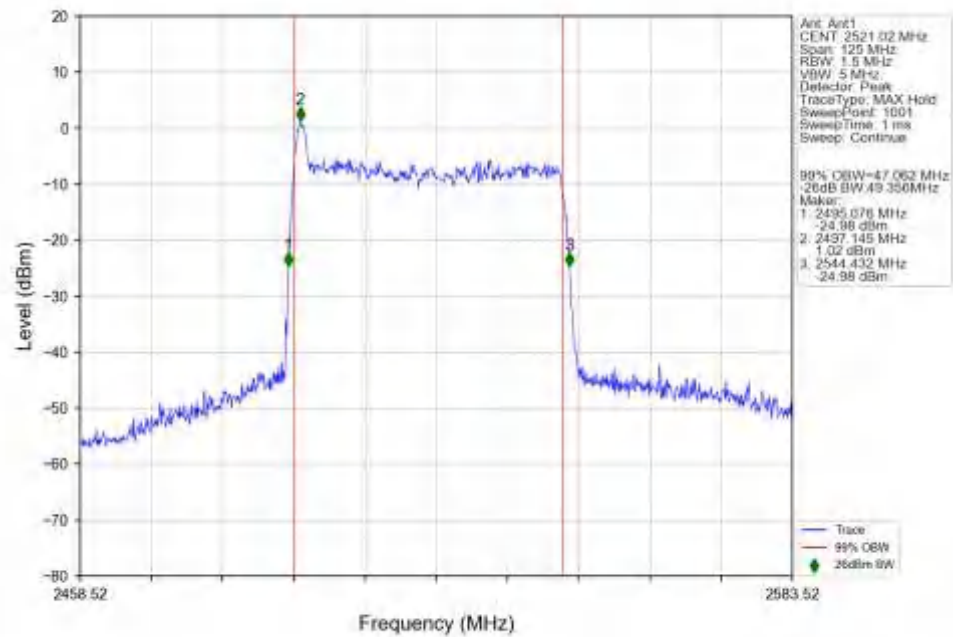
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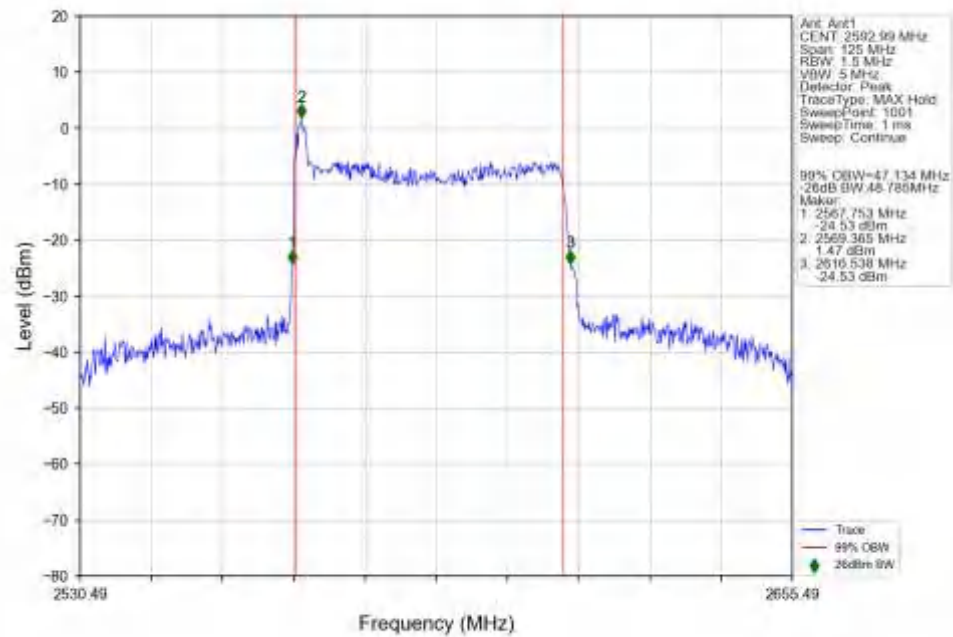
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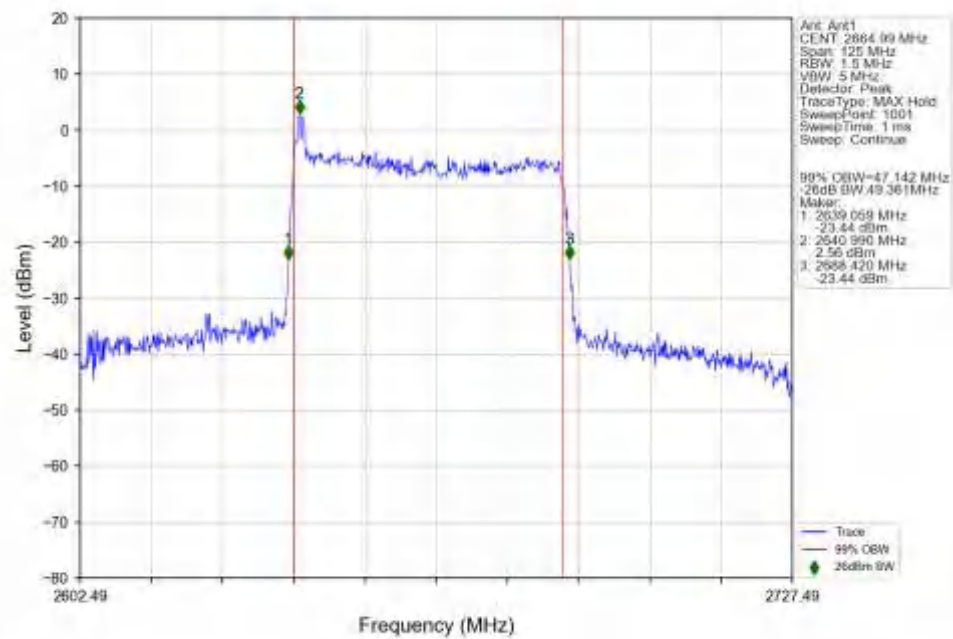
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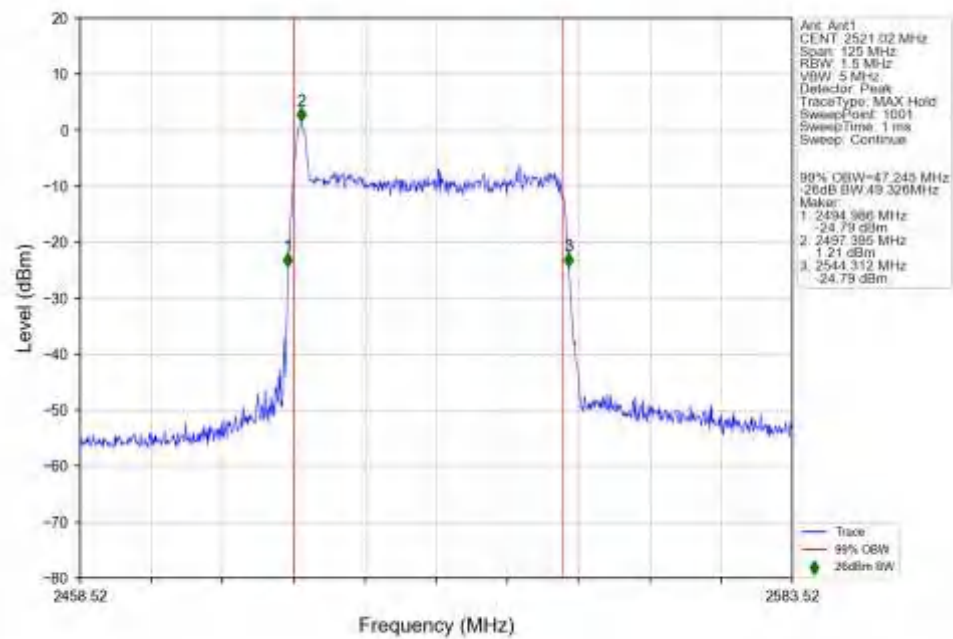
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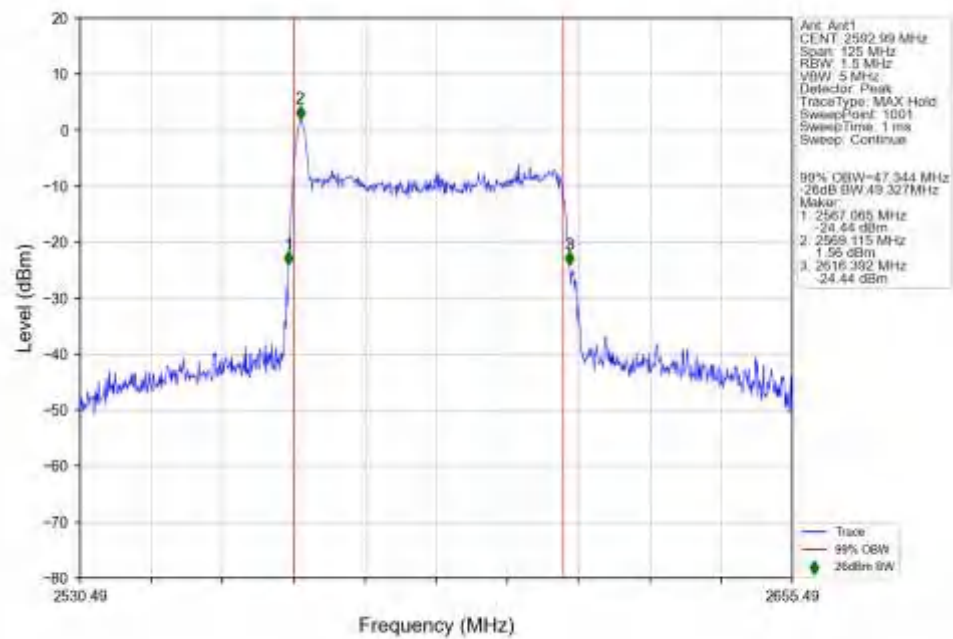
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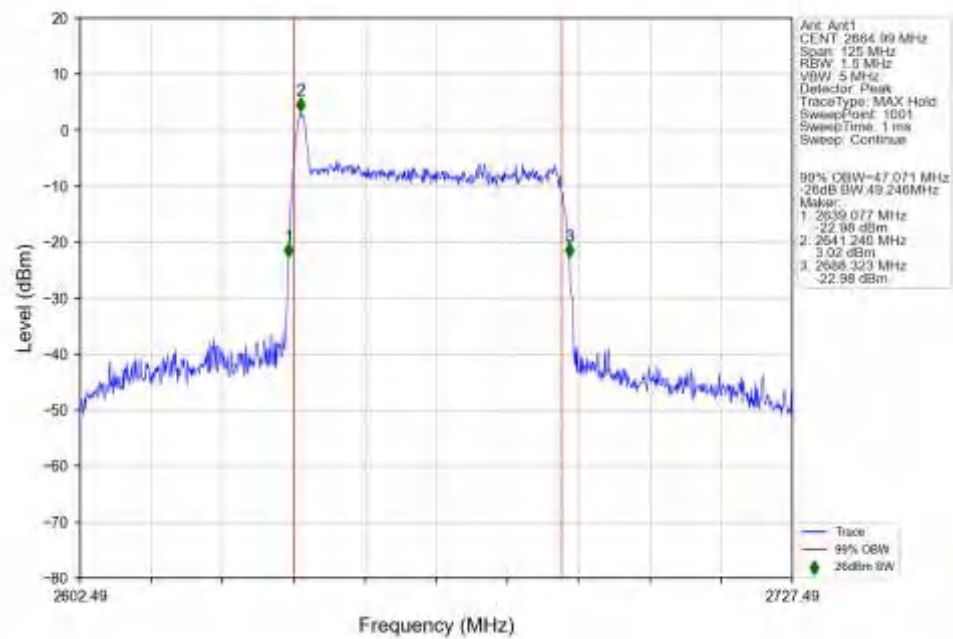
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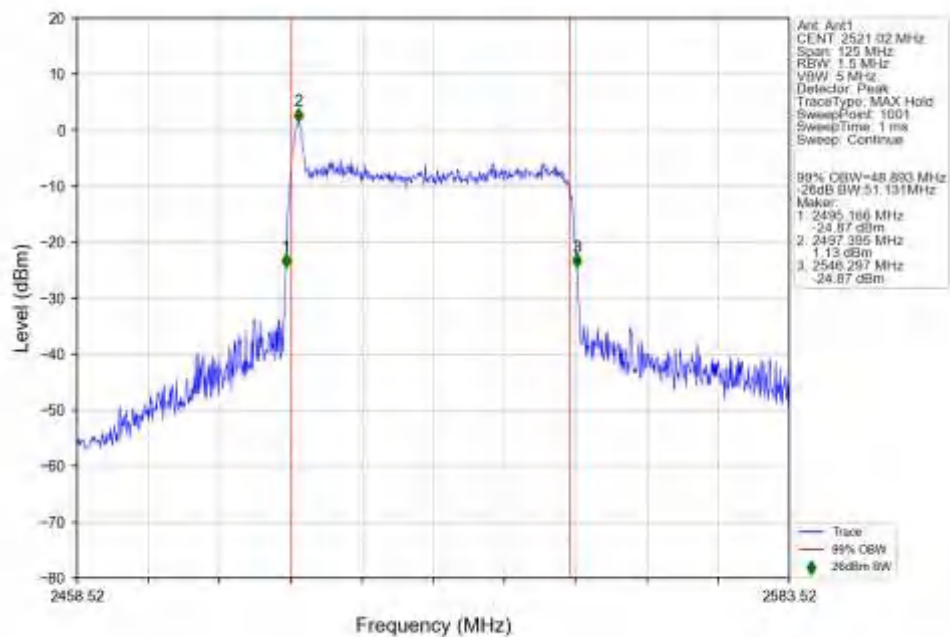
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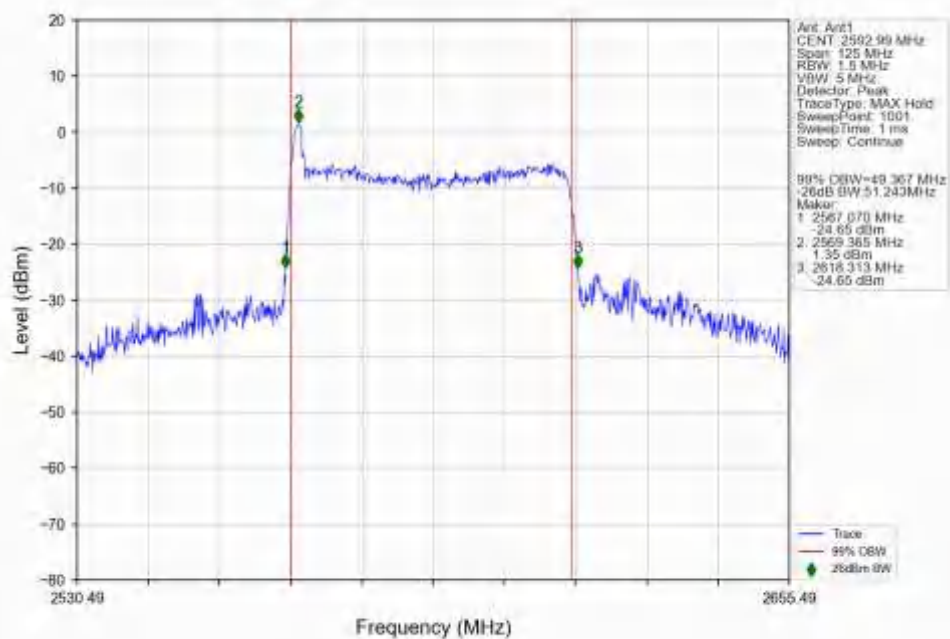
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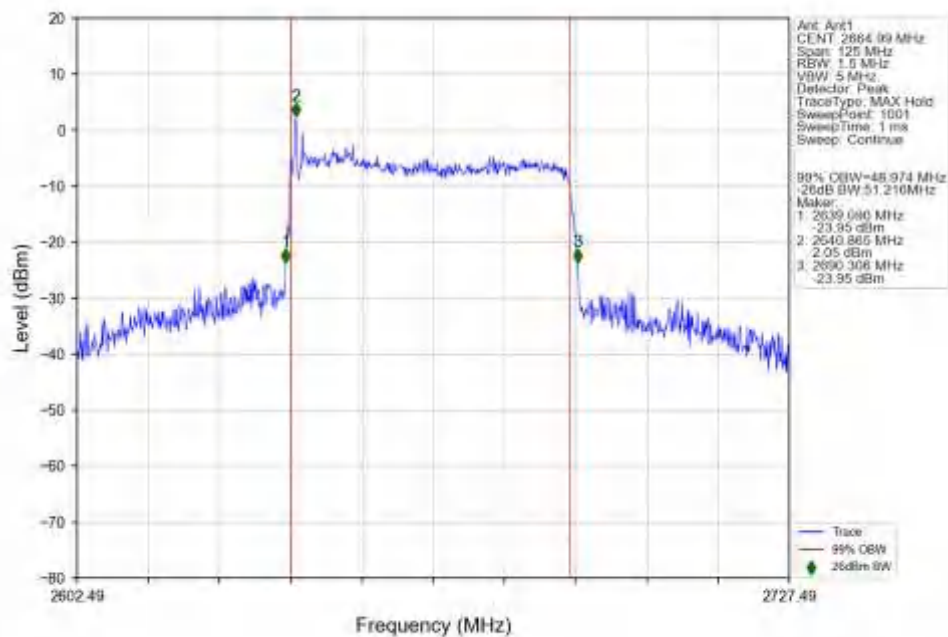
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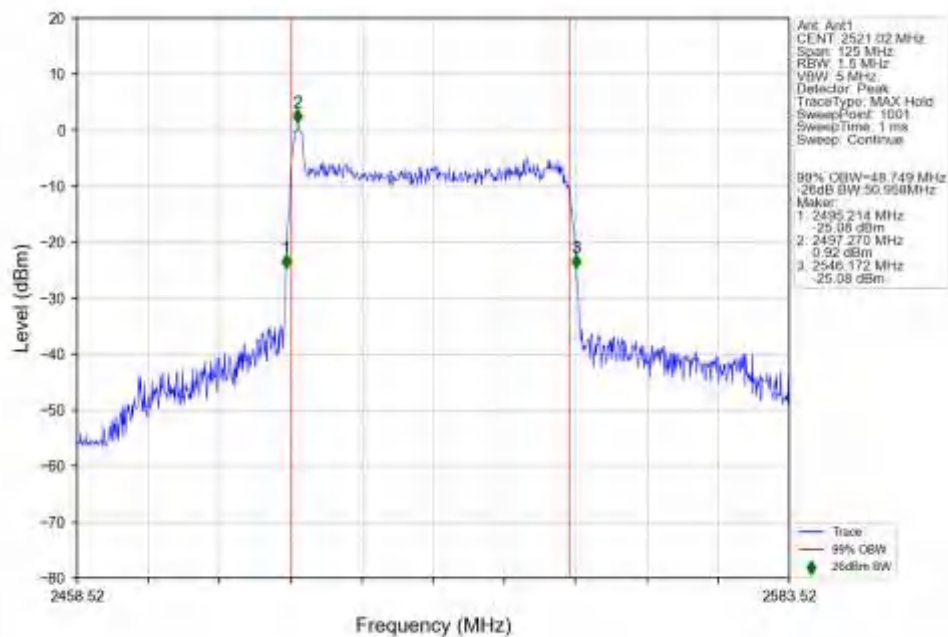
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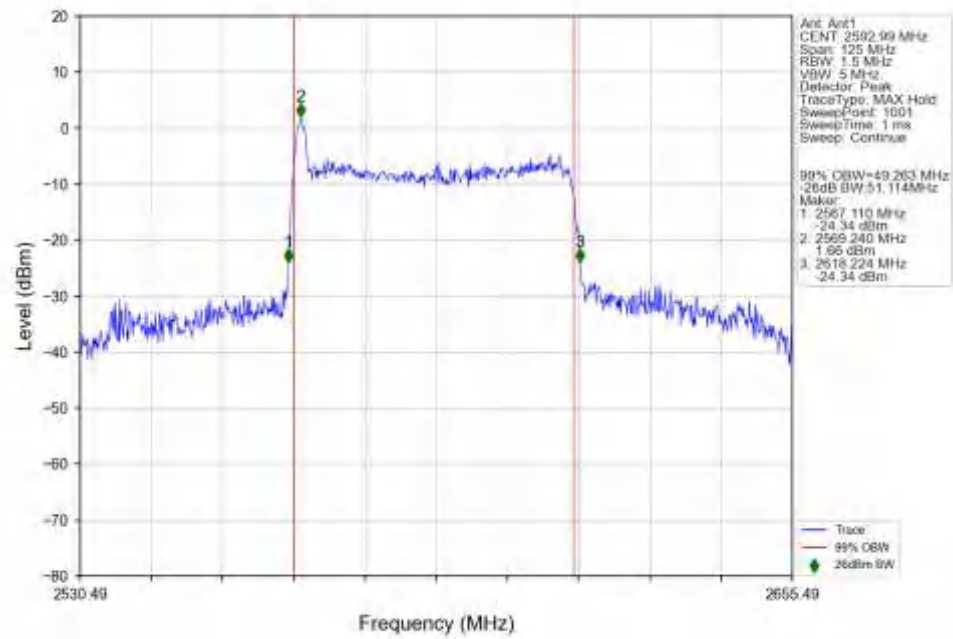
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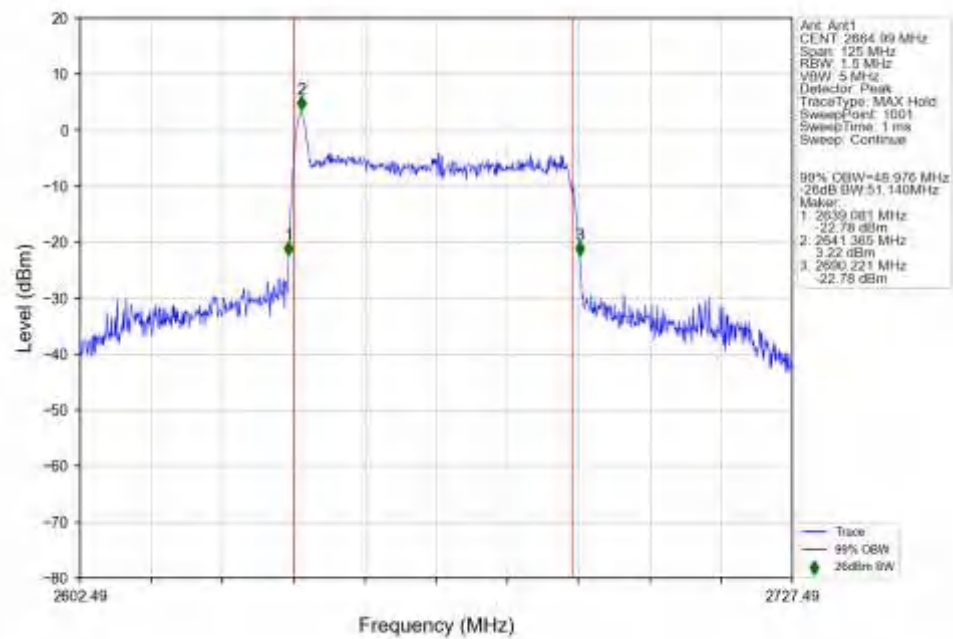
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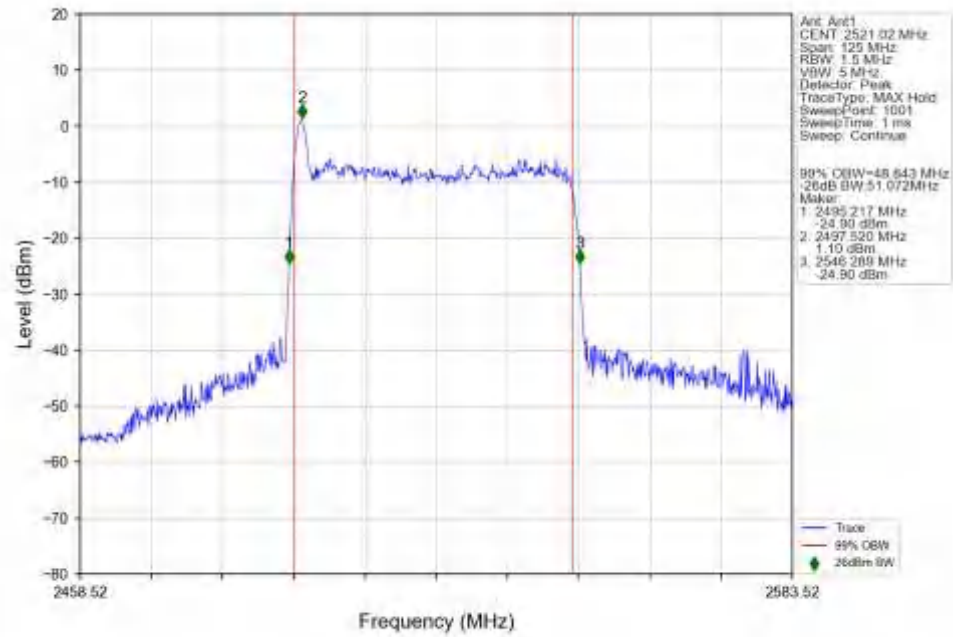
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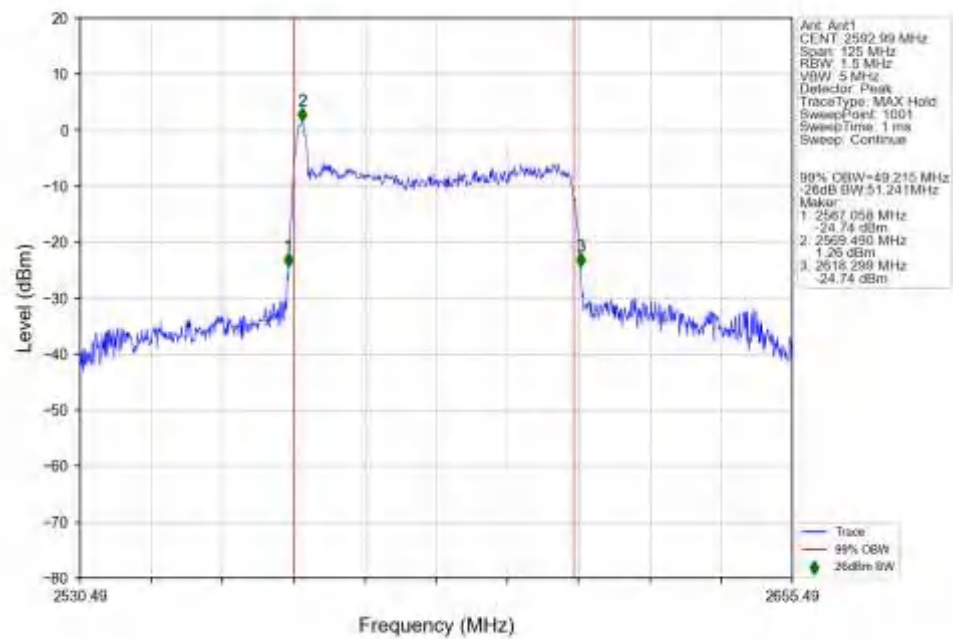
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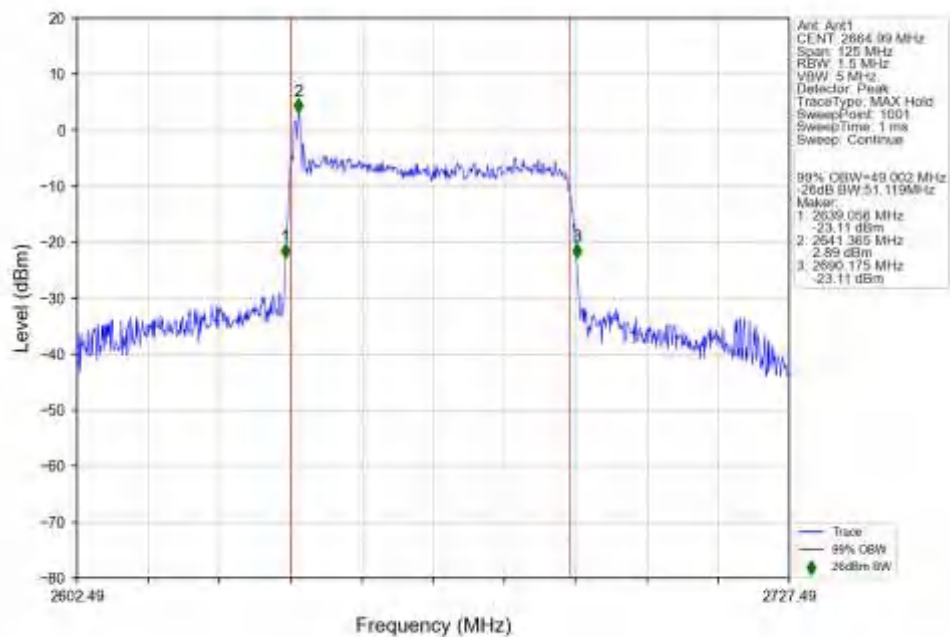
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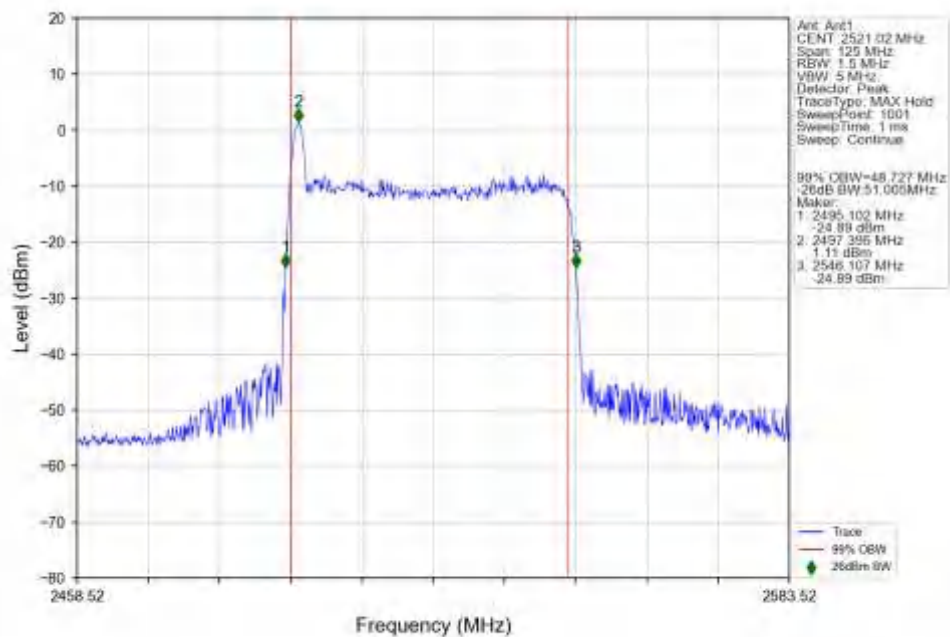
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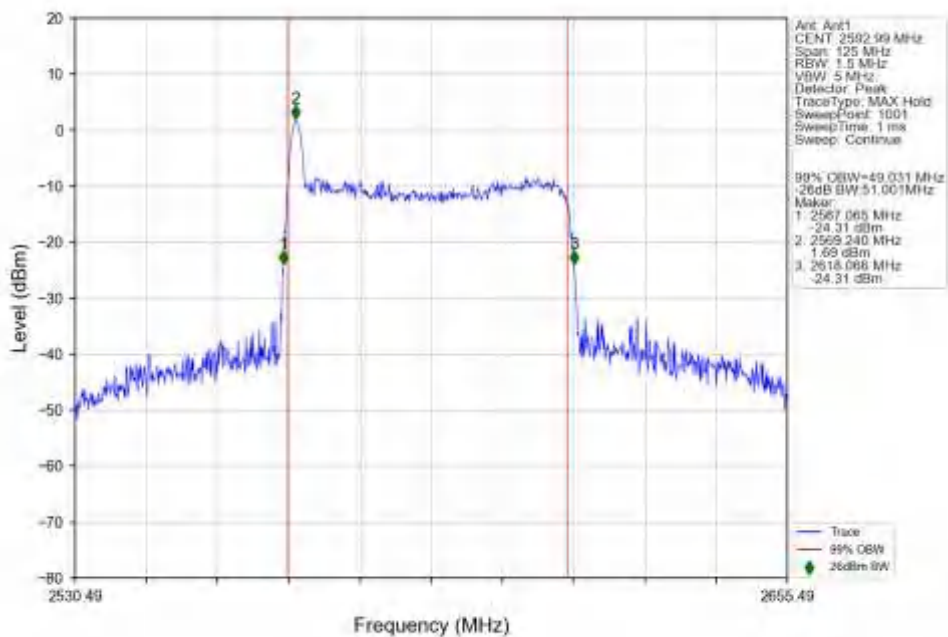
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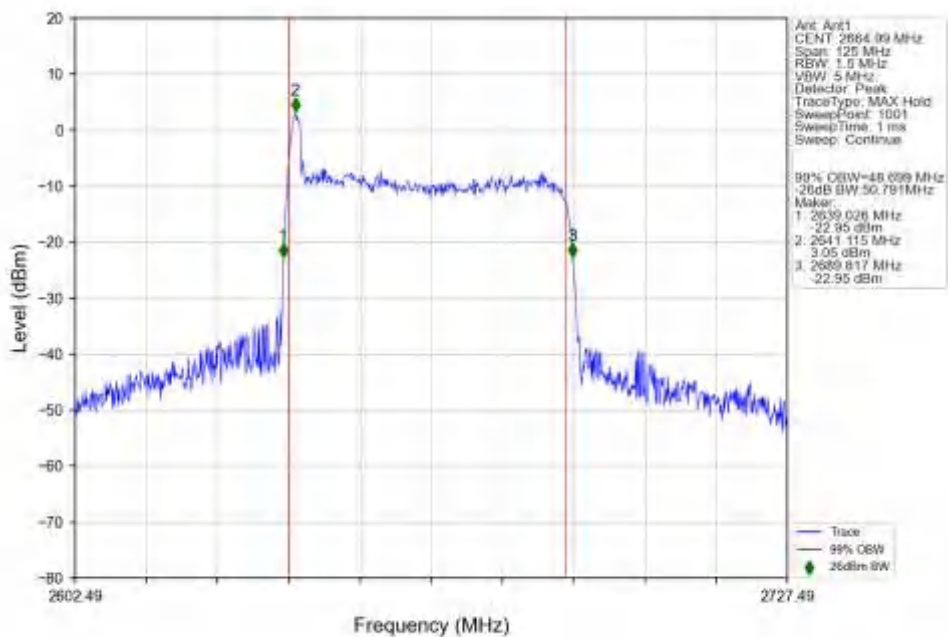
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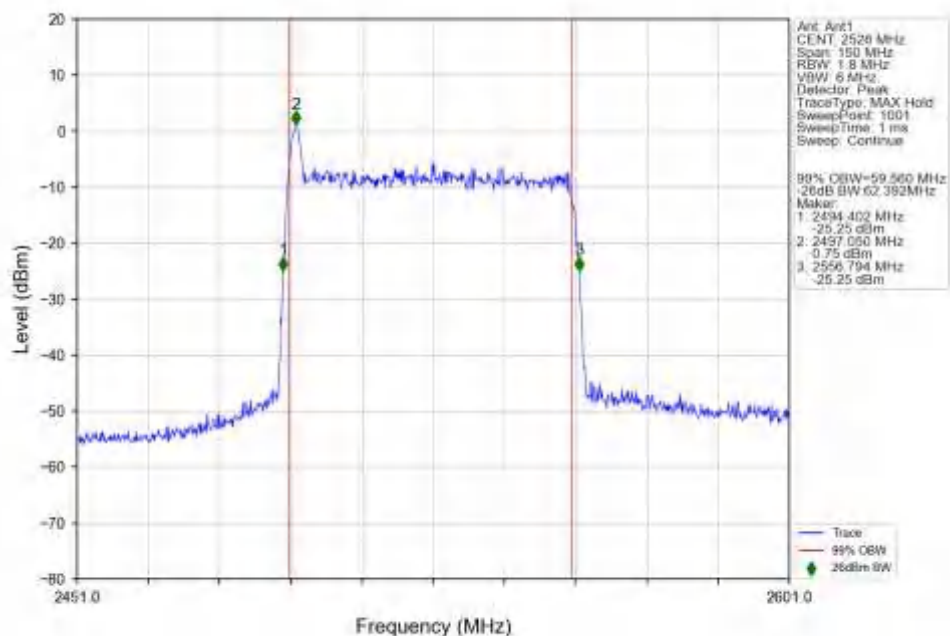


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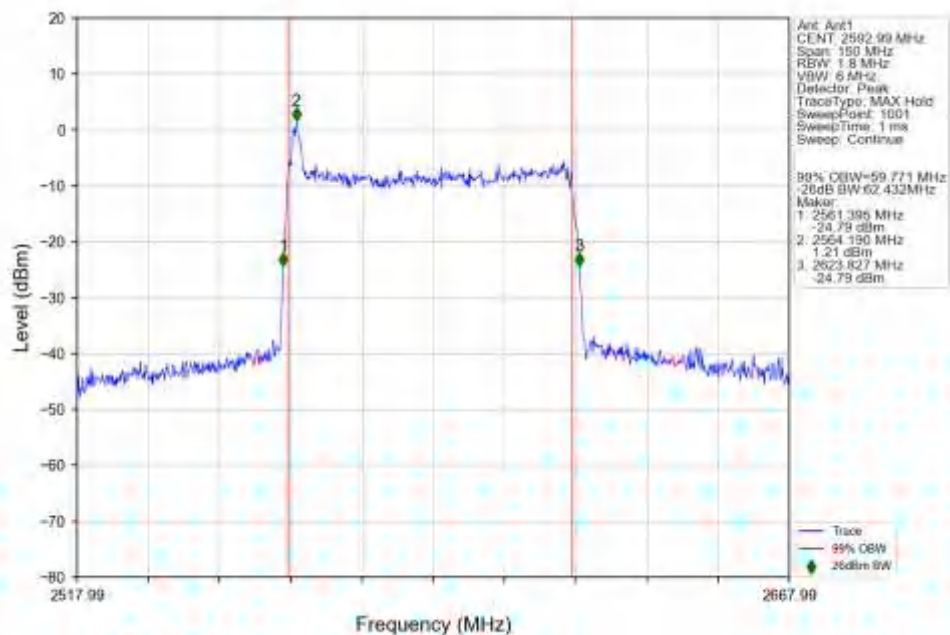


4.2.7 30k_SISO_60MHz_NTNV

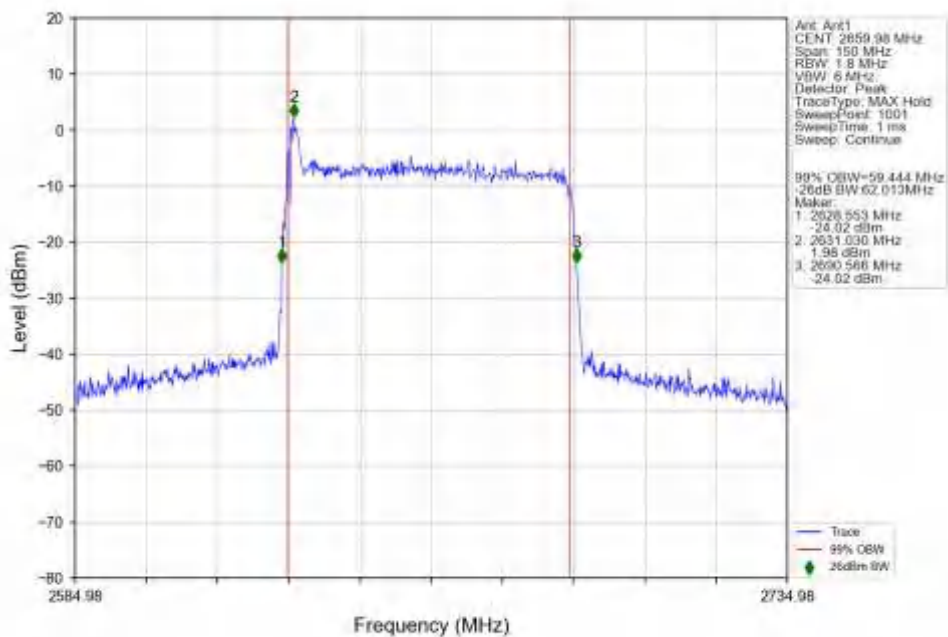
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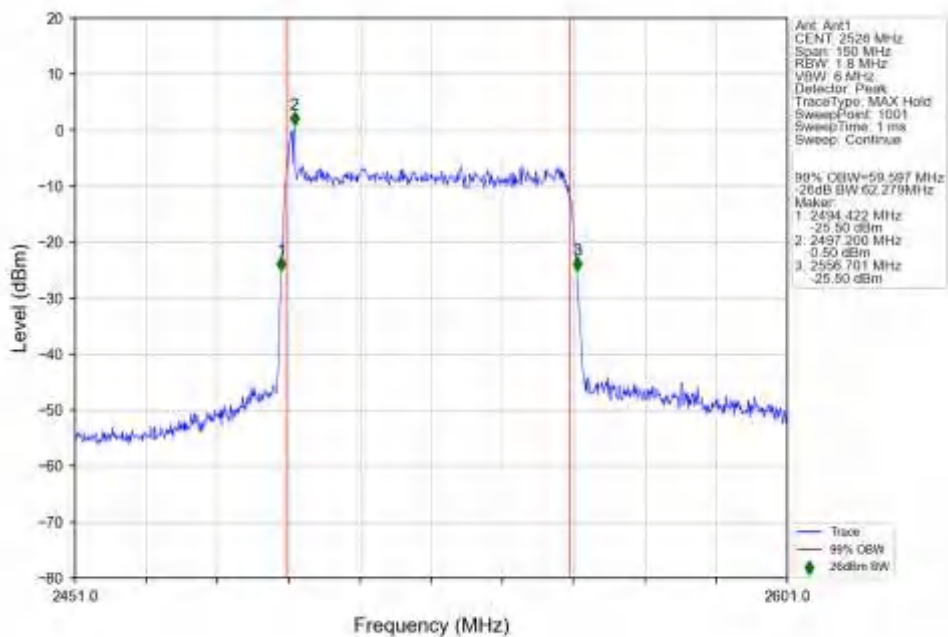
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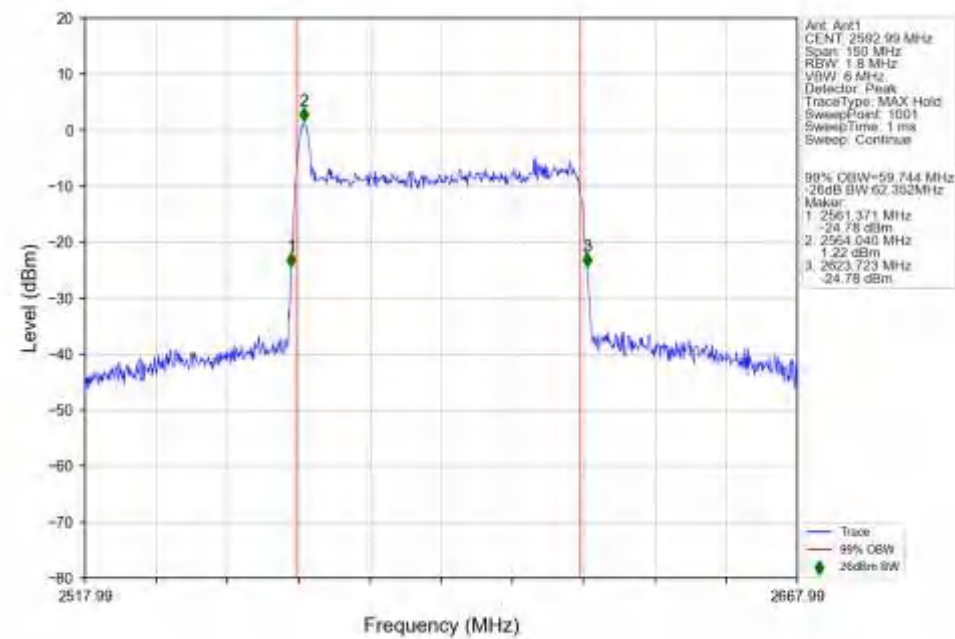
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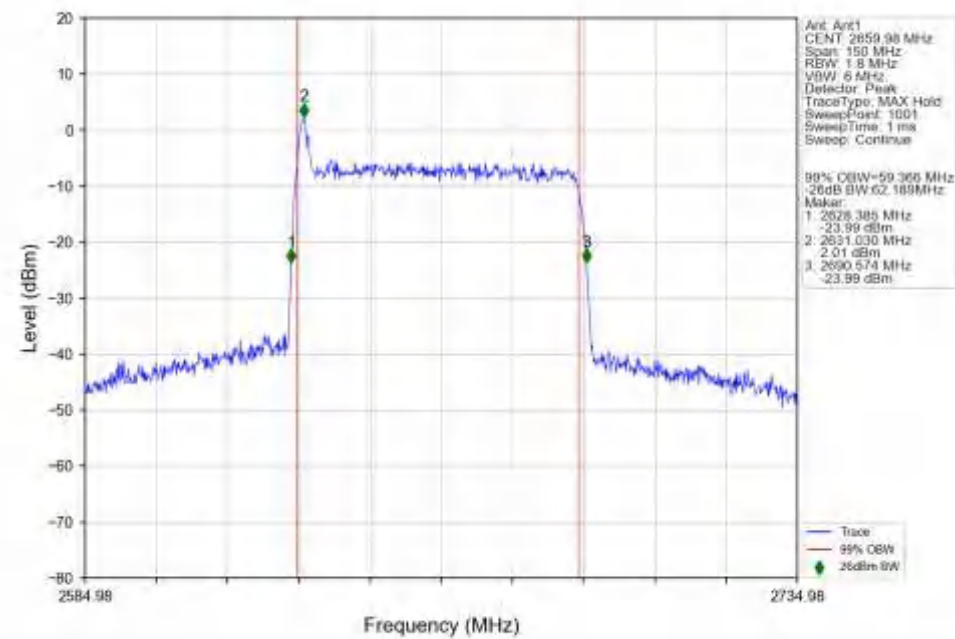
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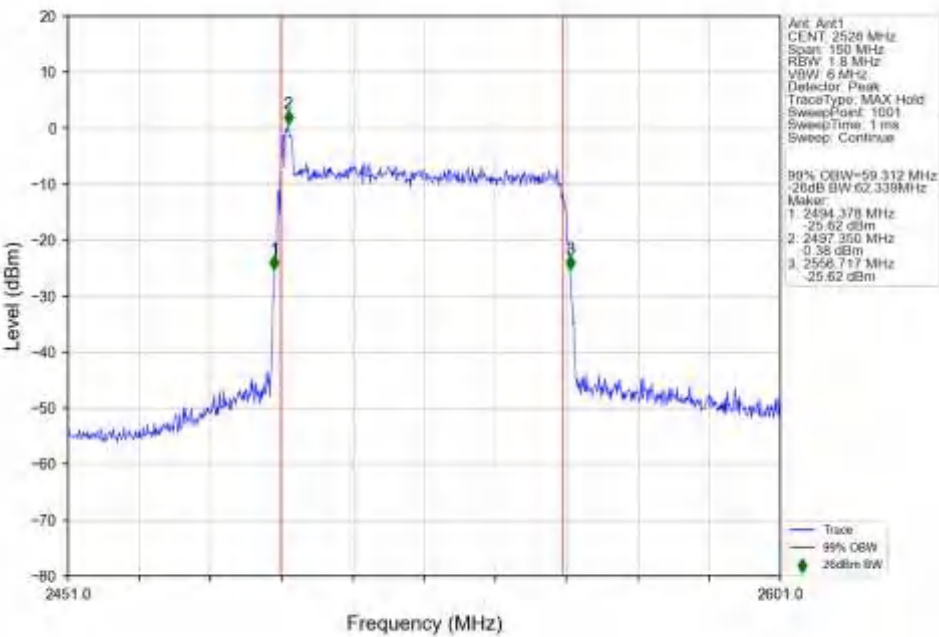
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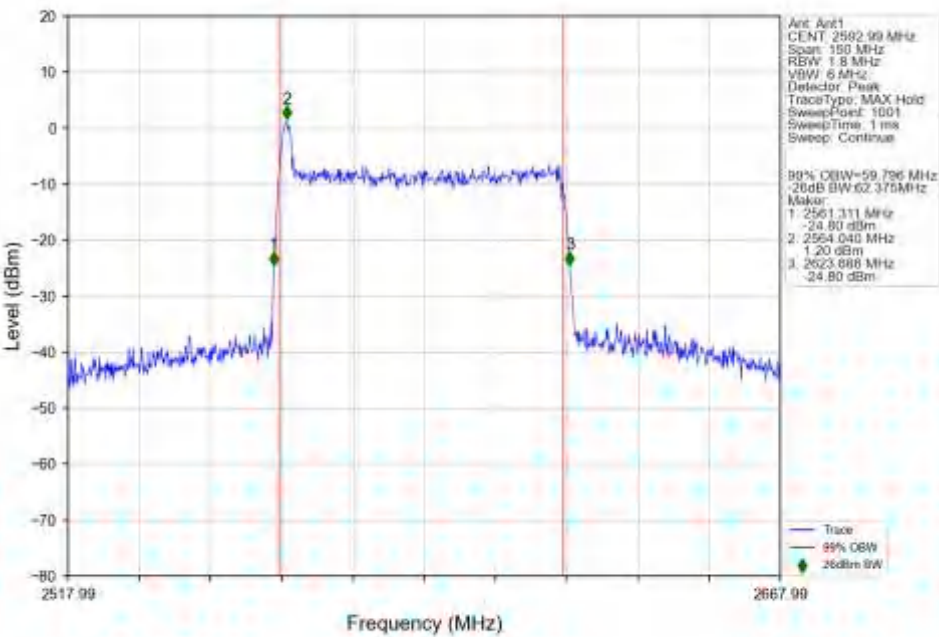
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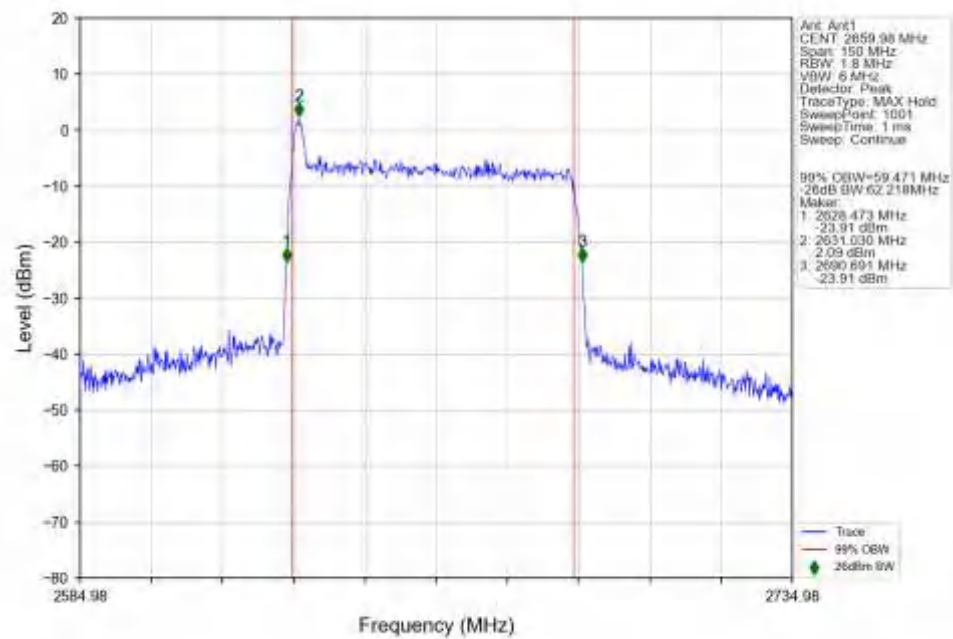
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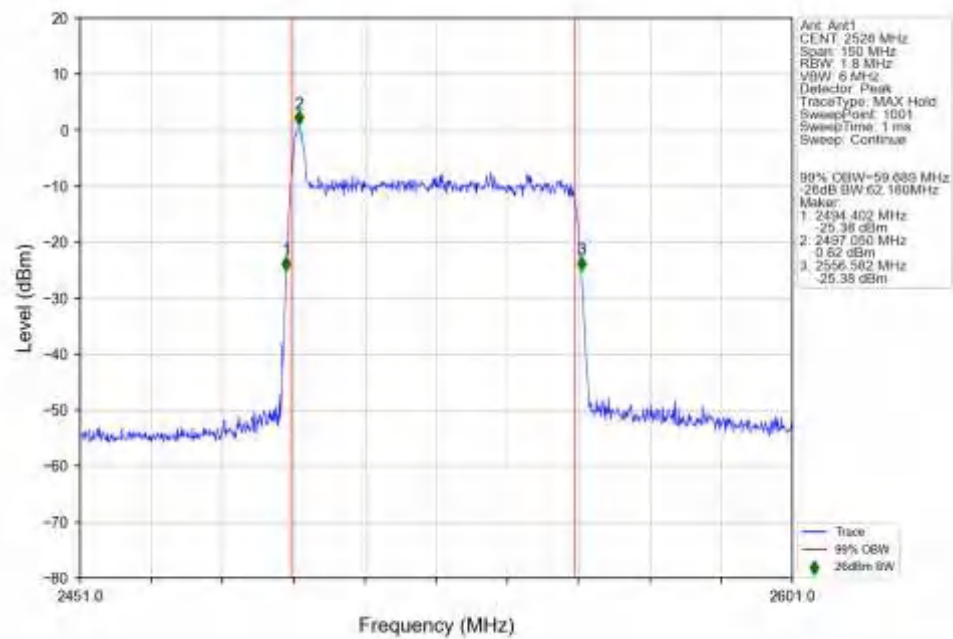
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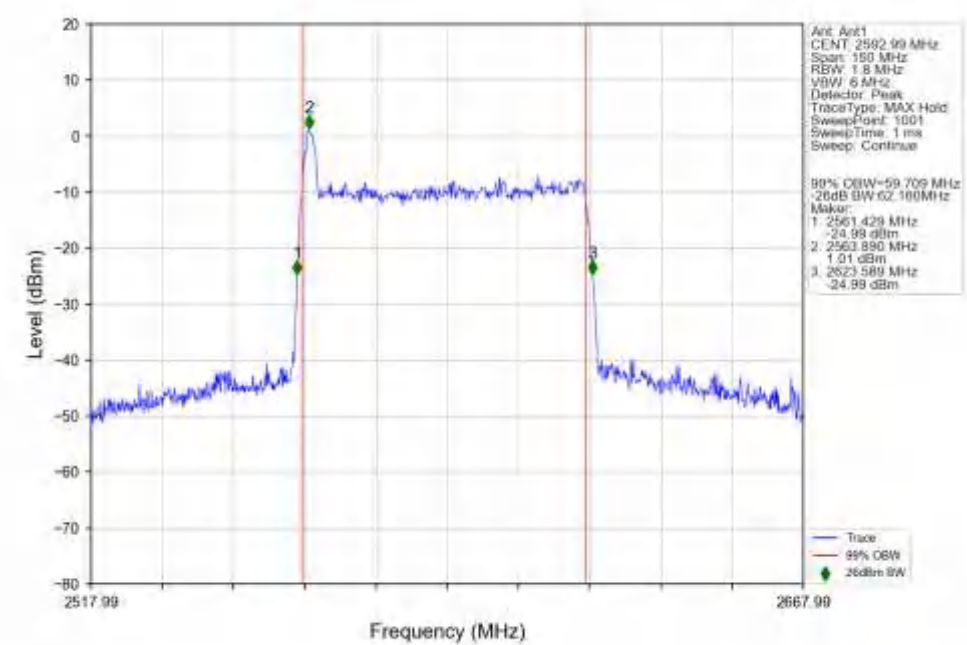
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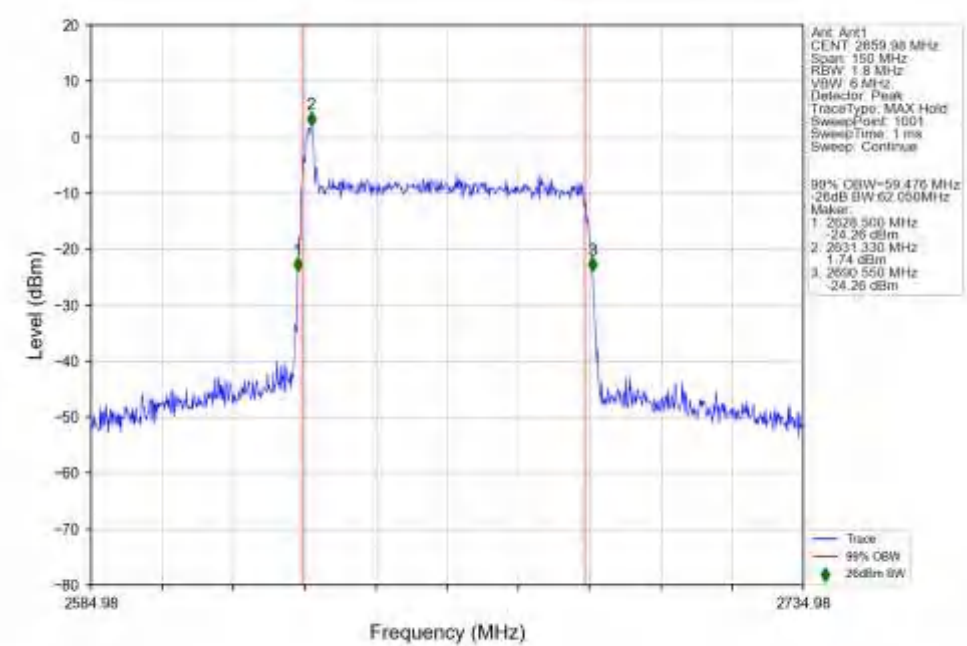
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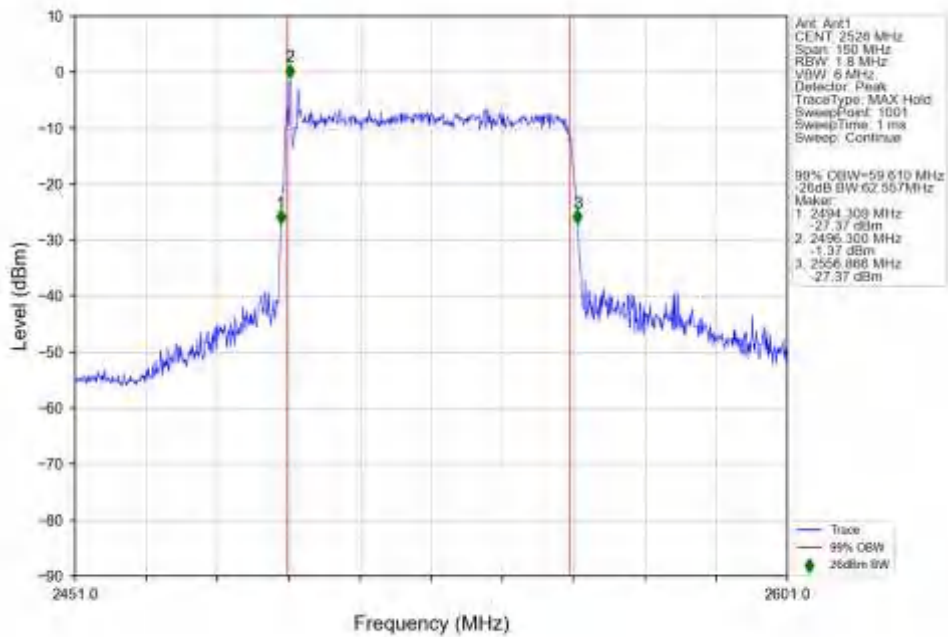
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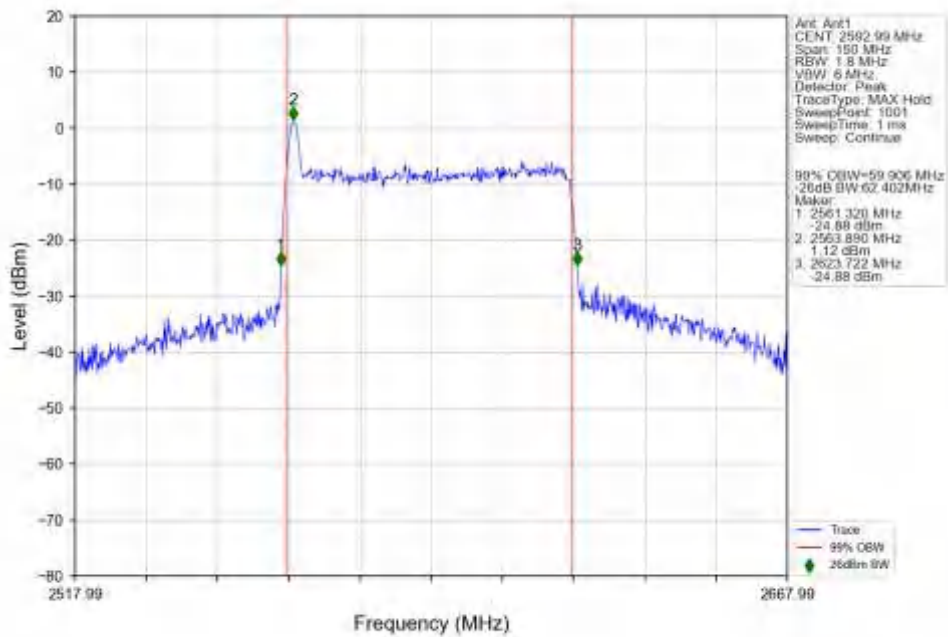
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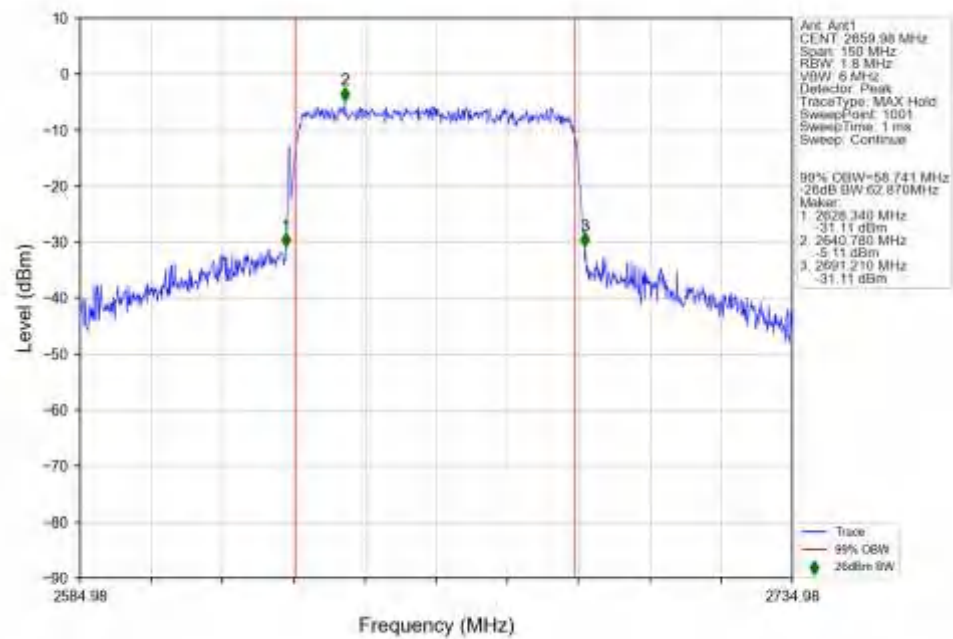
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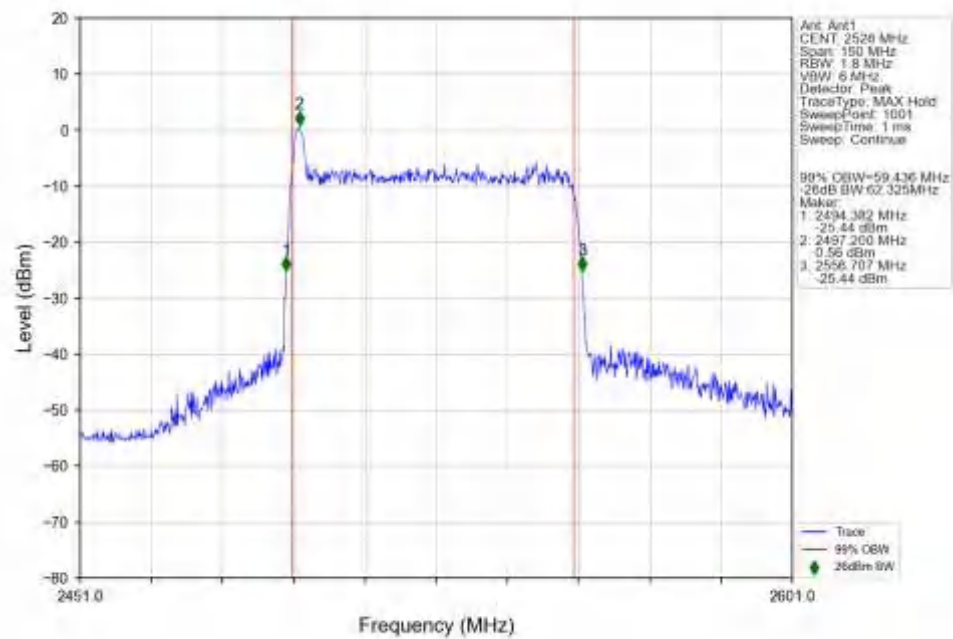
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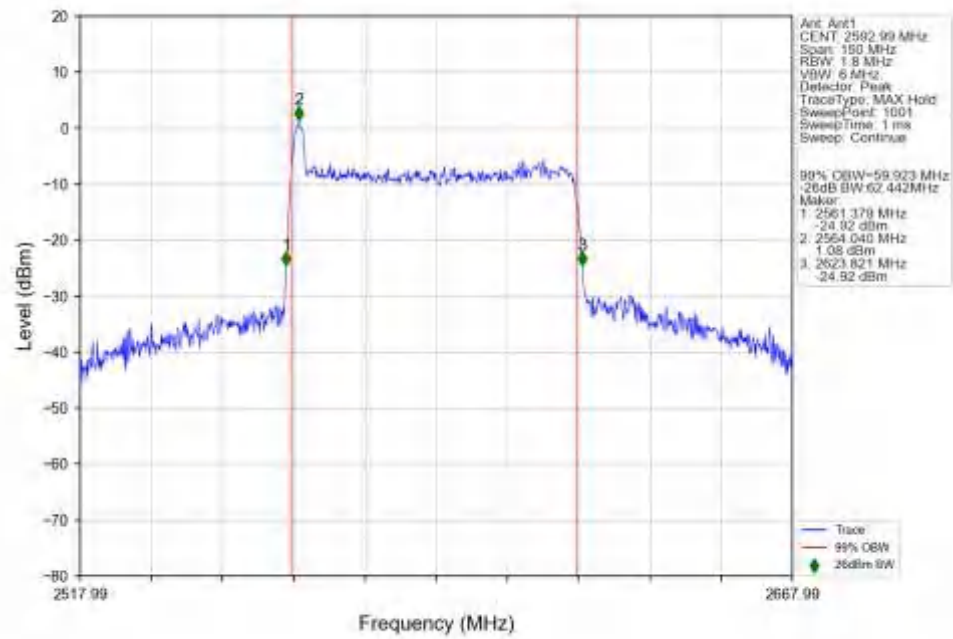
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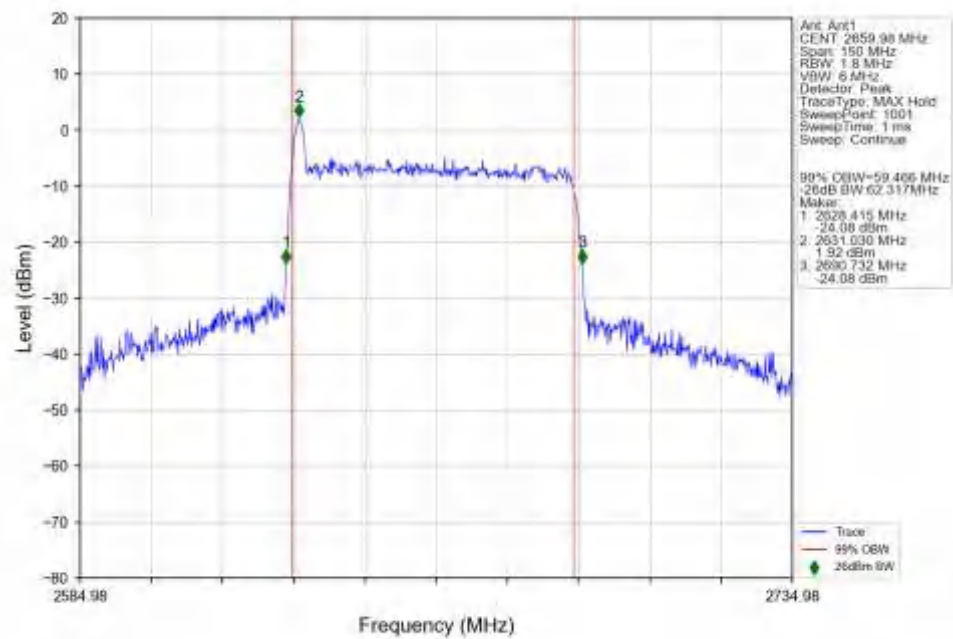
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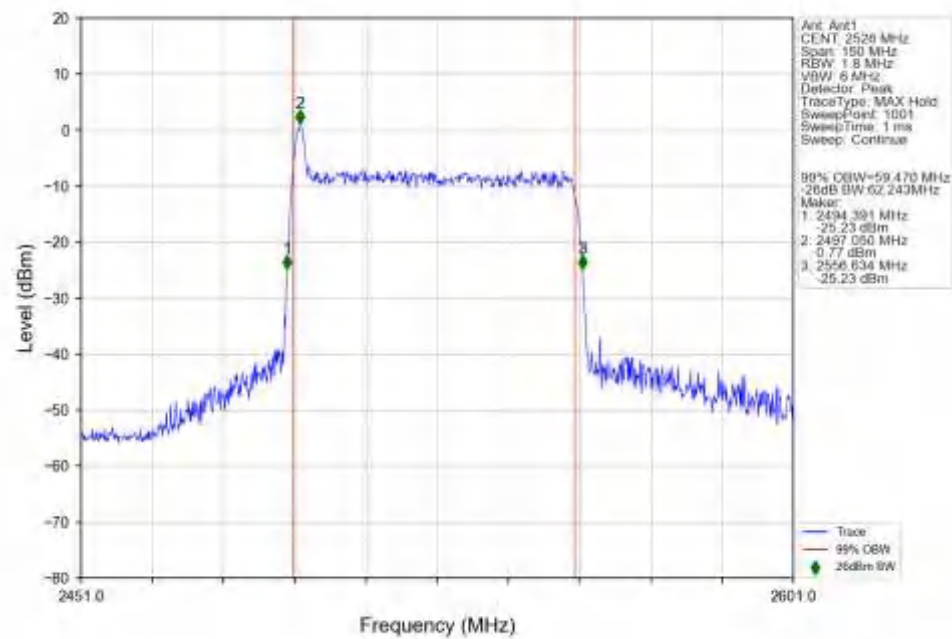
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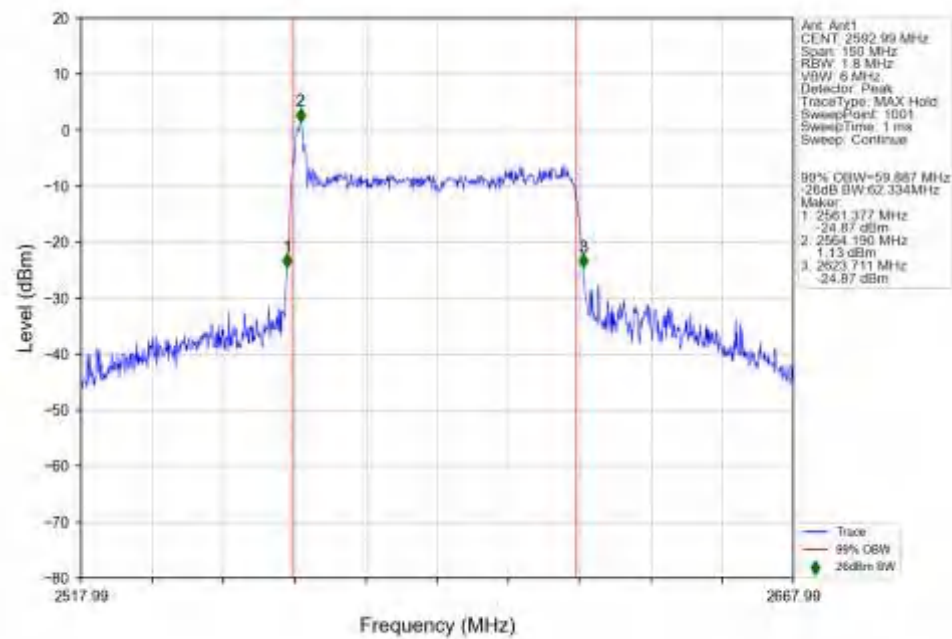
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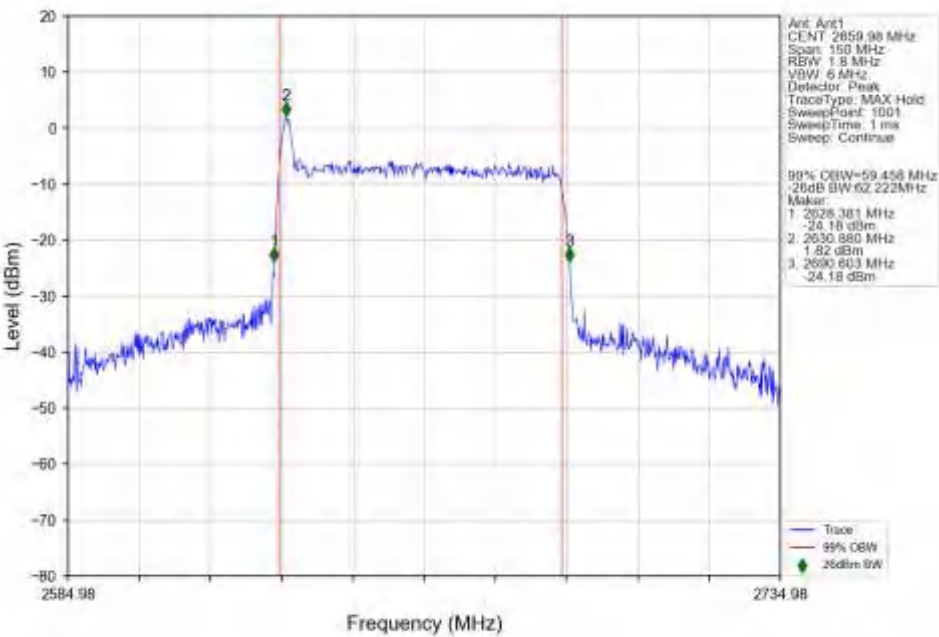
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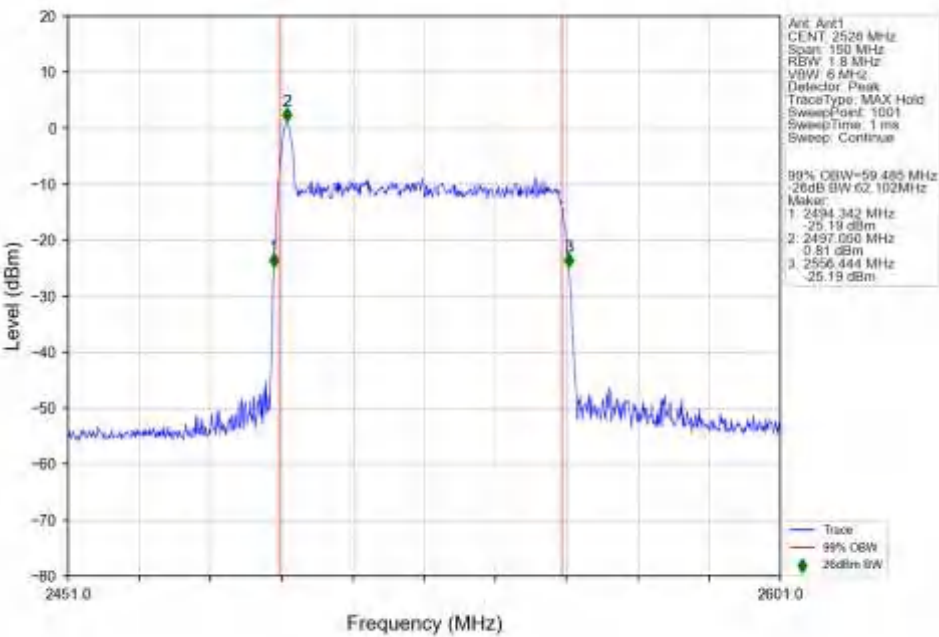
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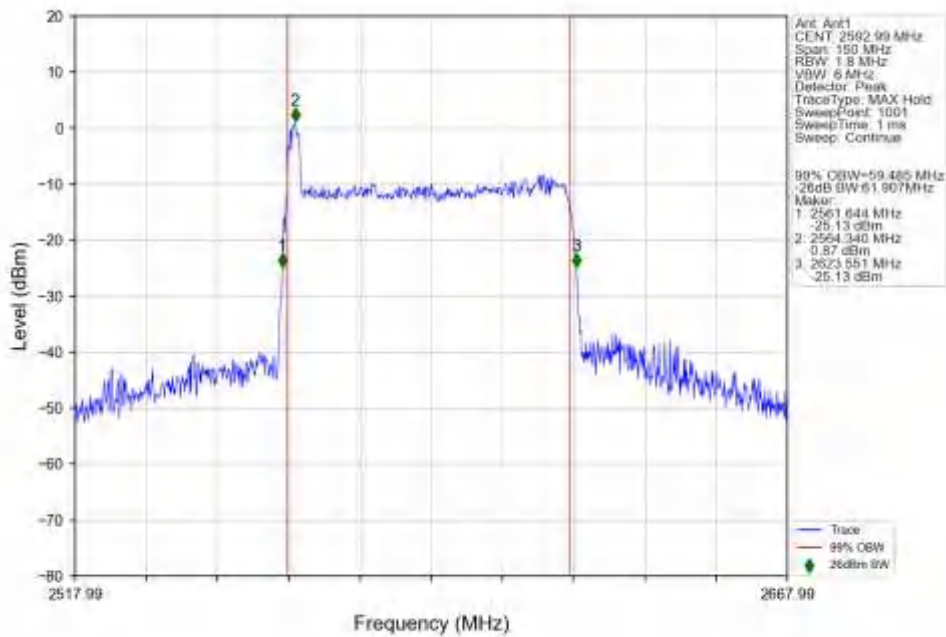
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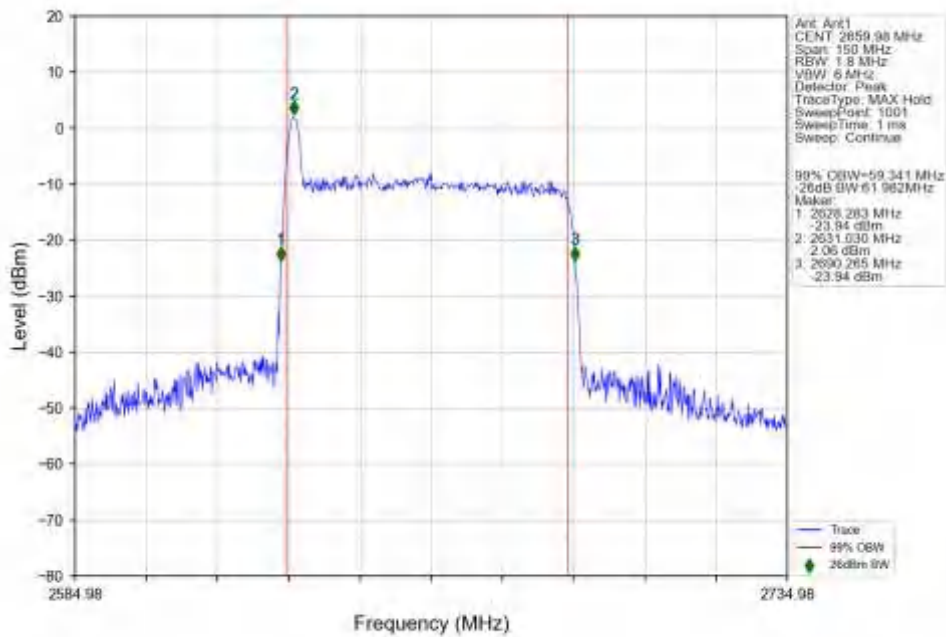
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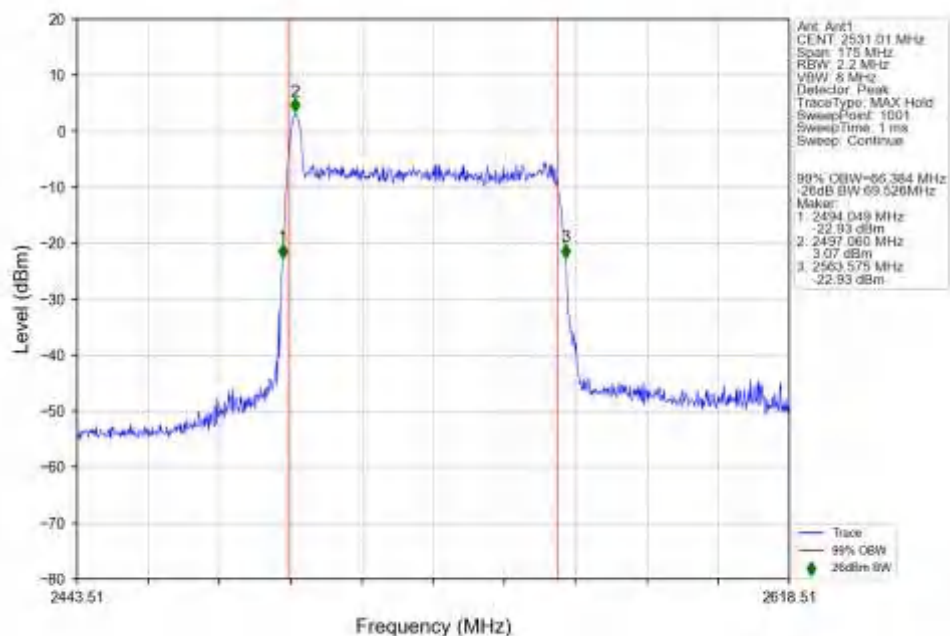


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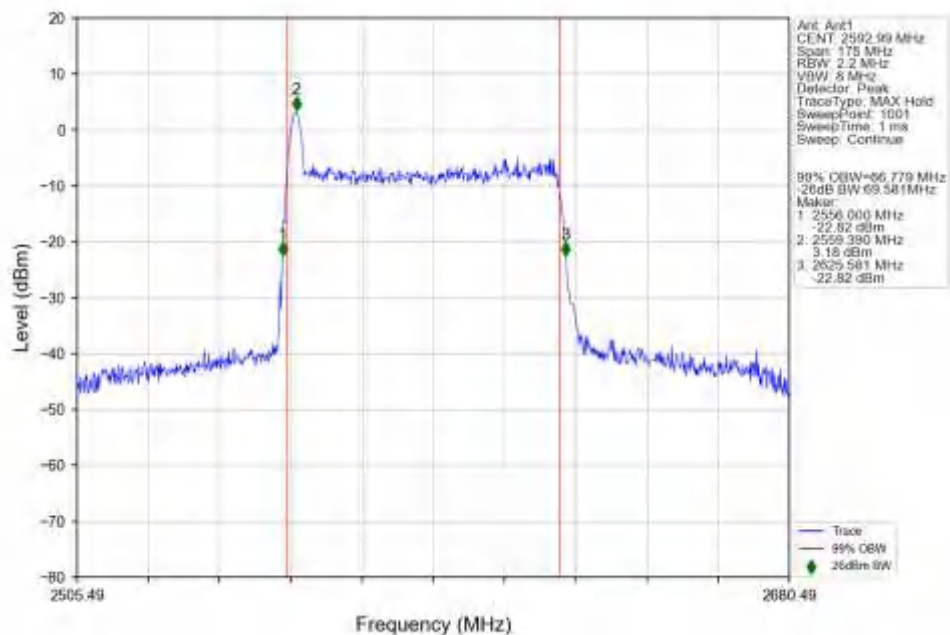


4.2.8 30k_SISO_70MHz_NTNV

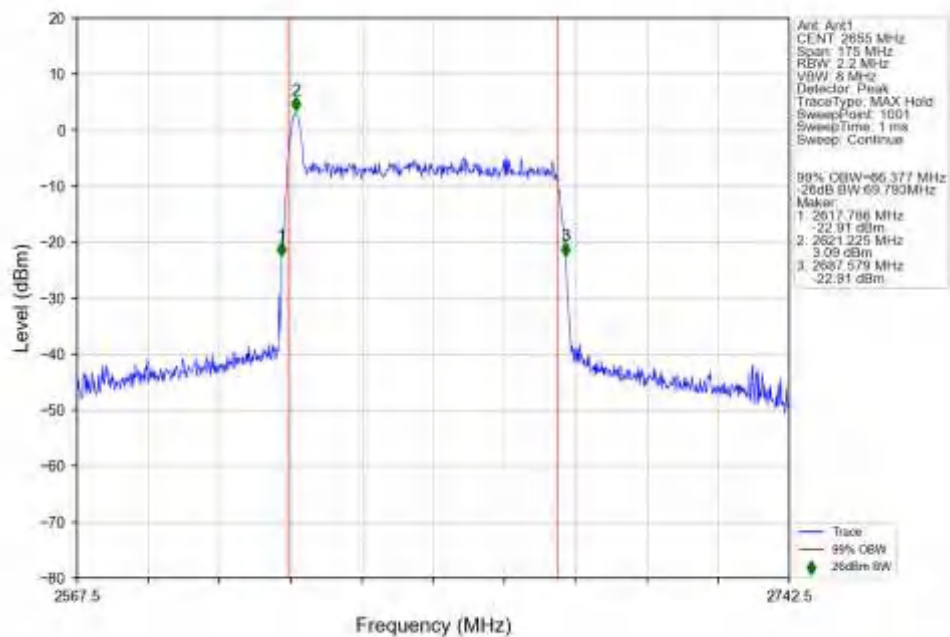
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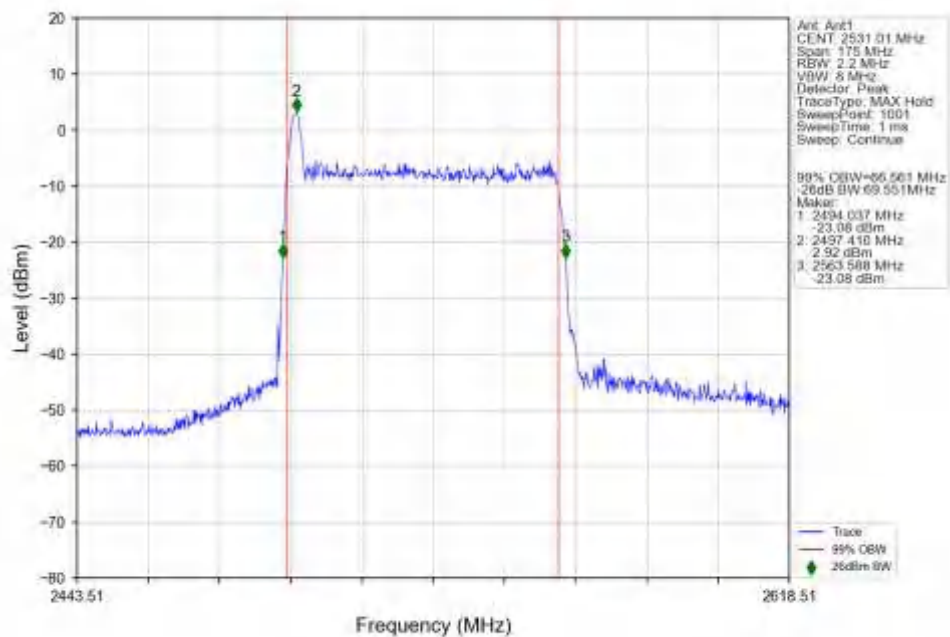
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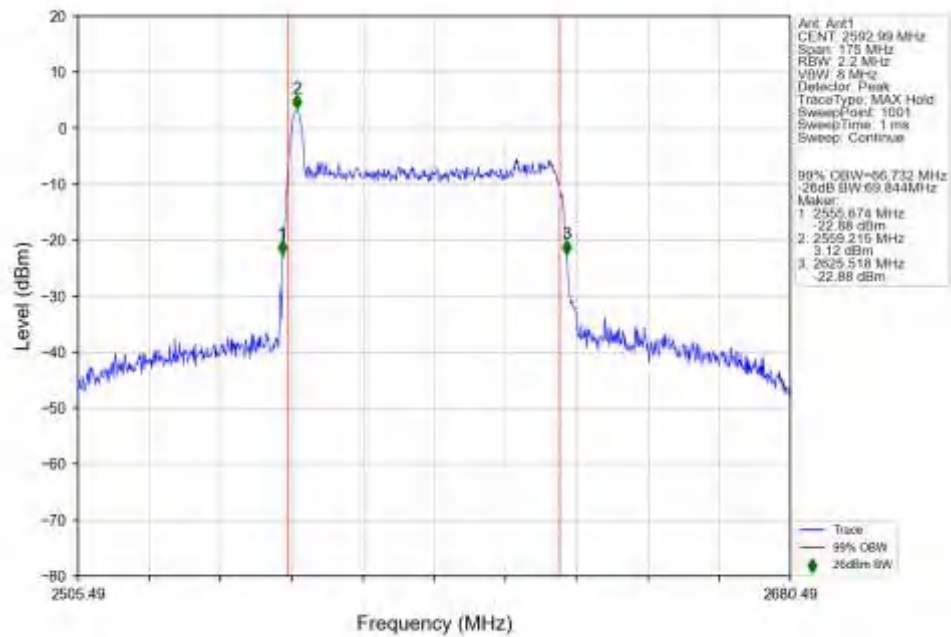
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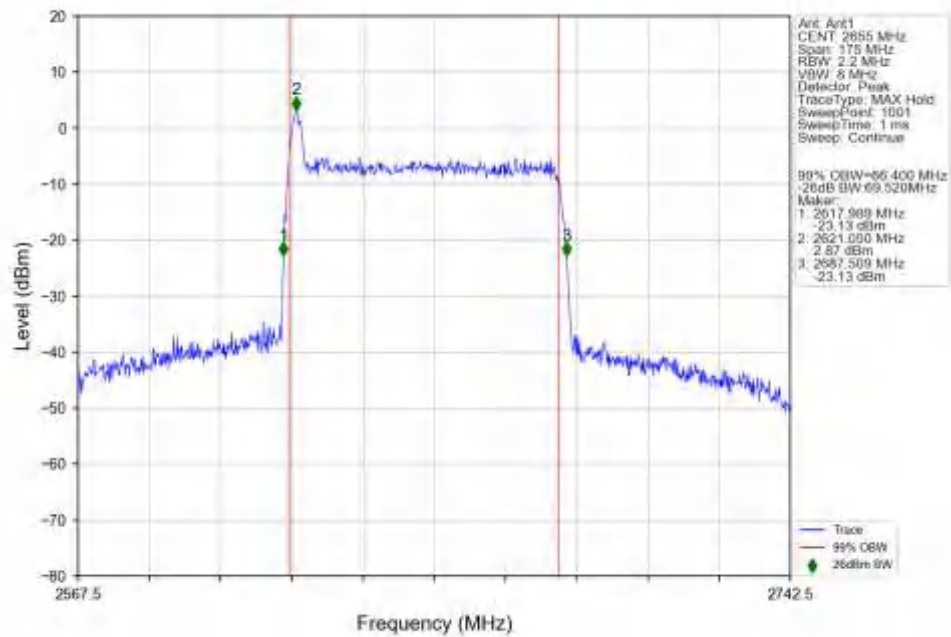
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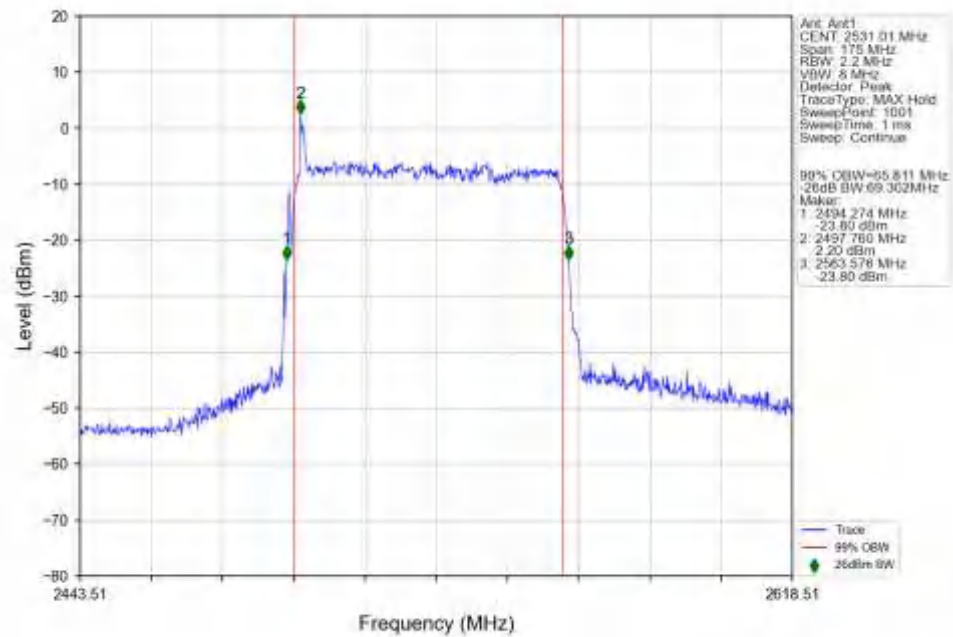
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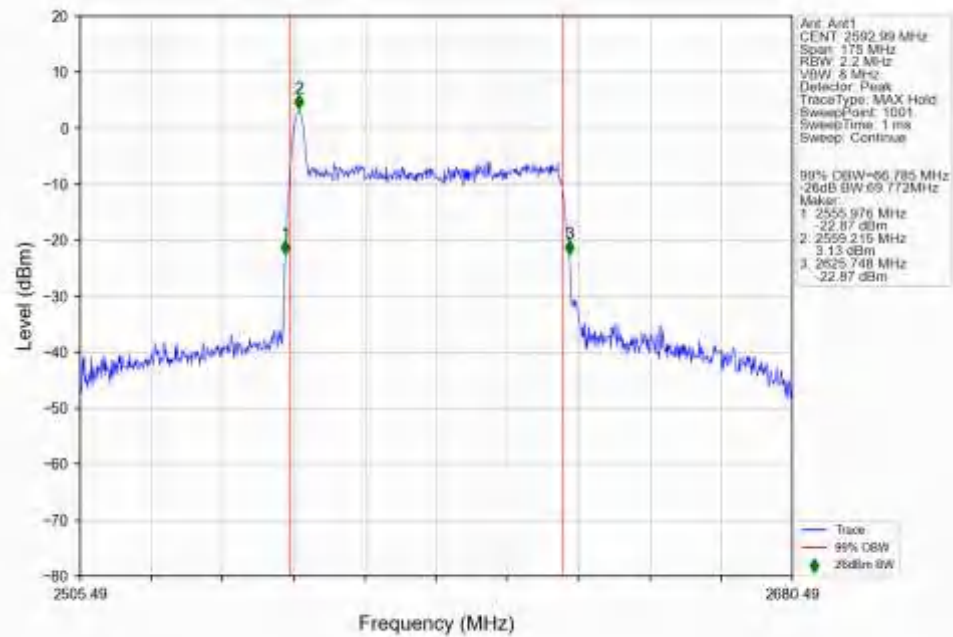
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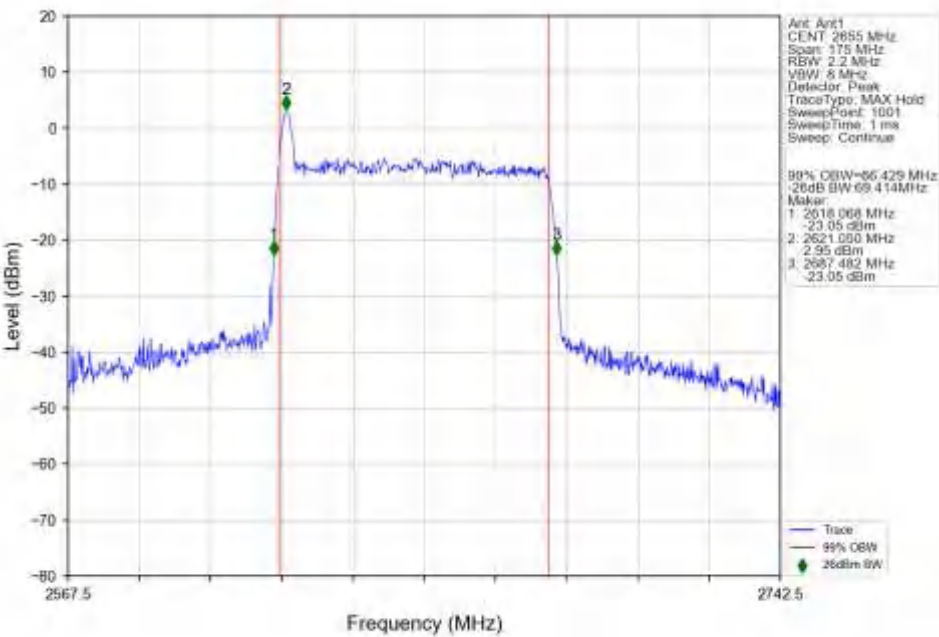
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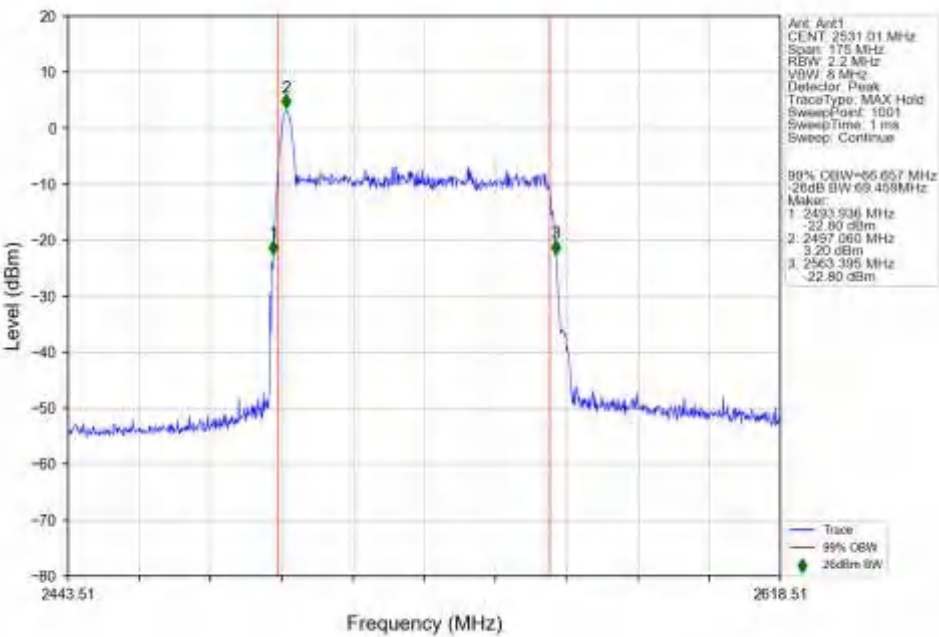
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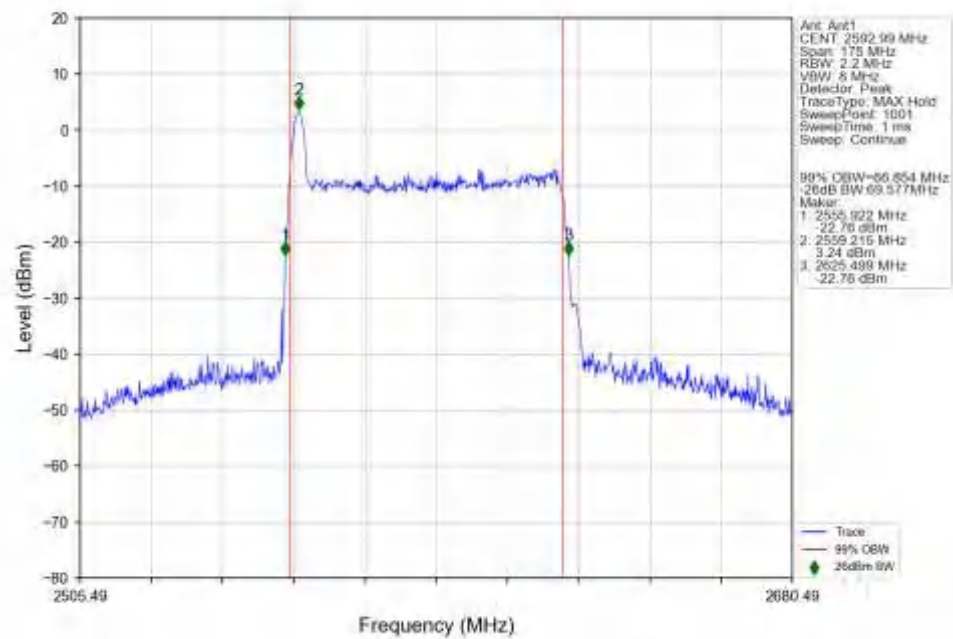
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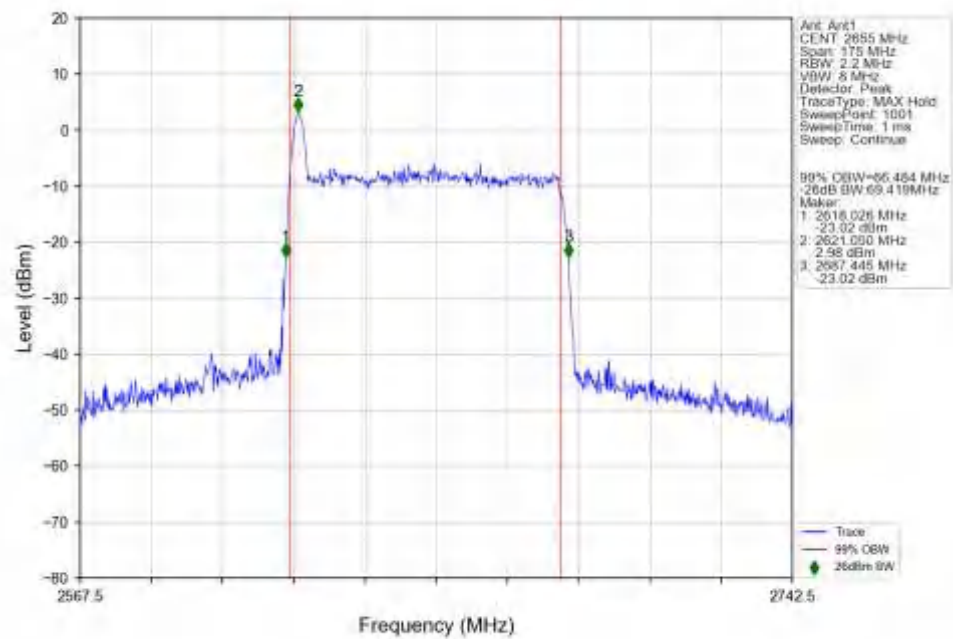
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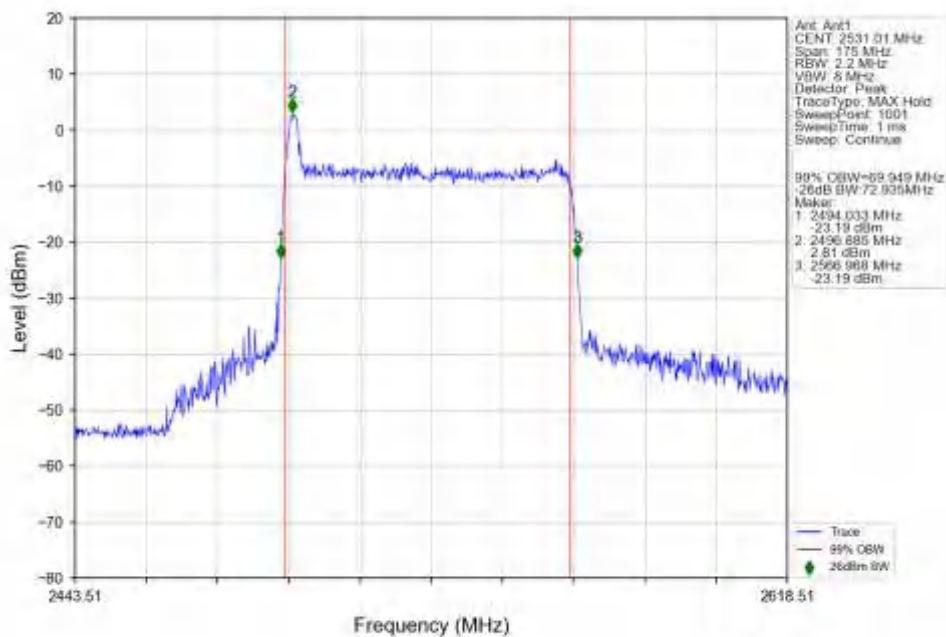
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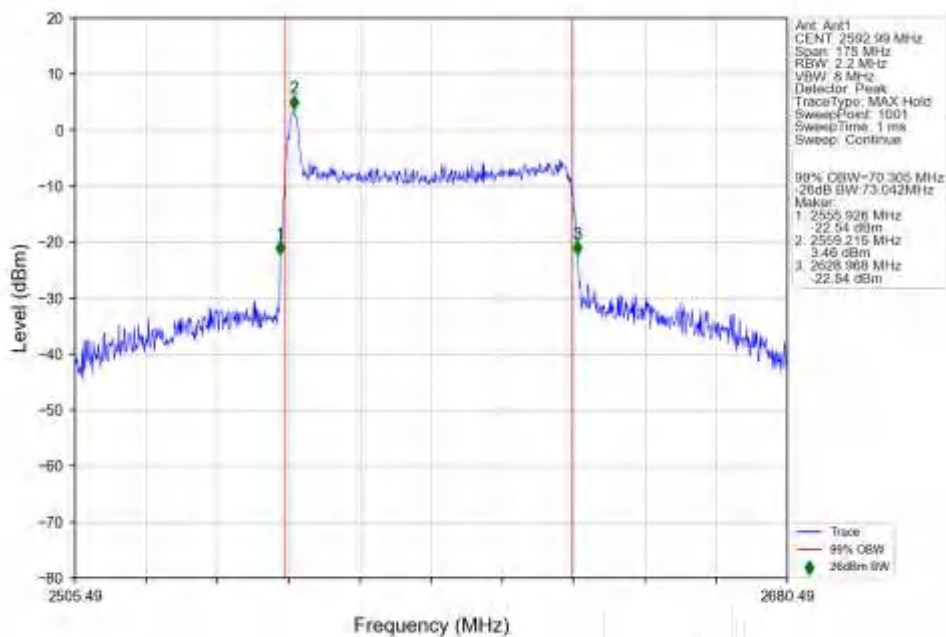
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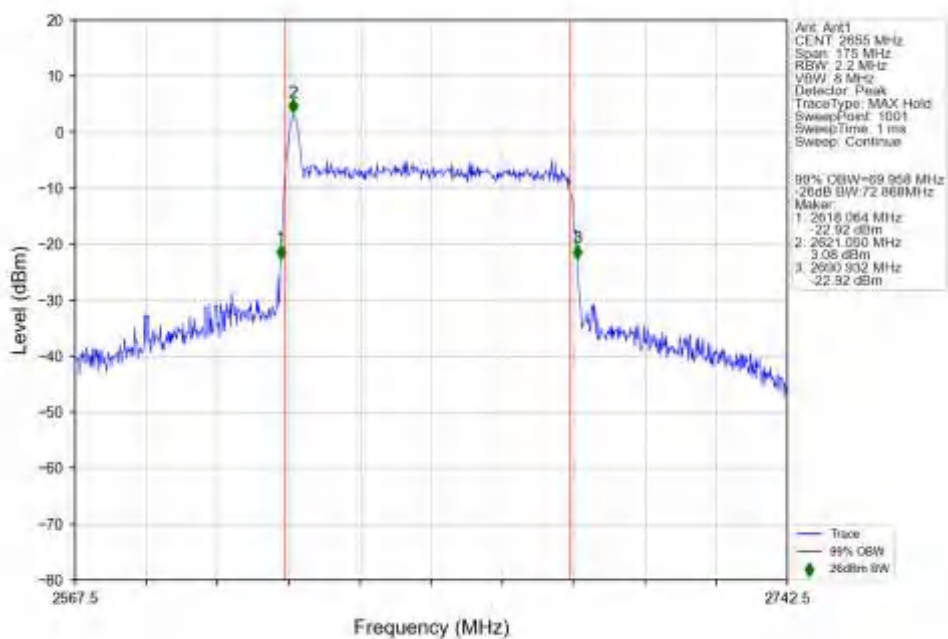
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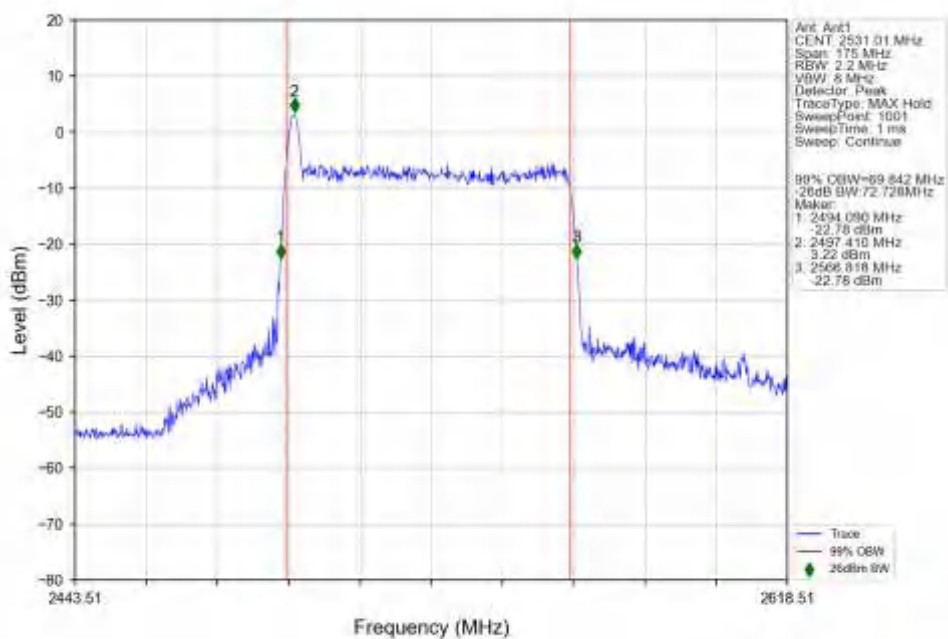
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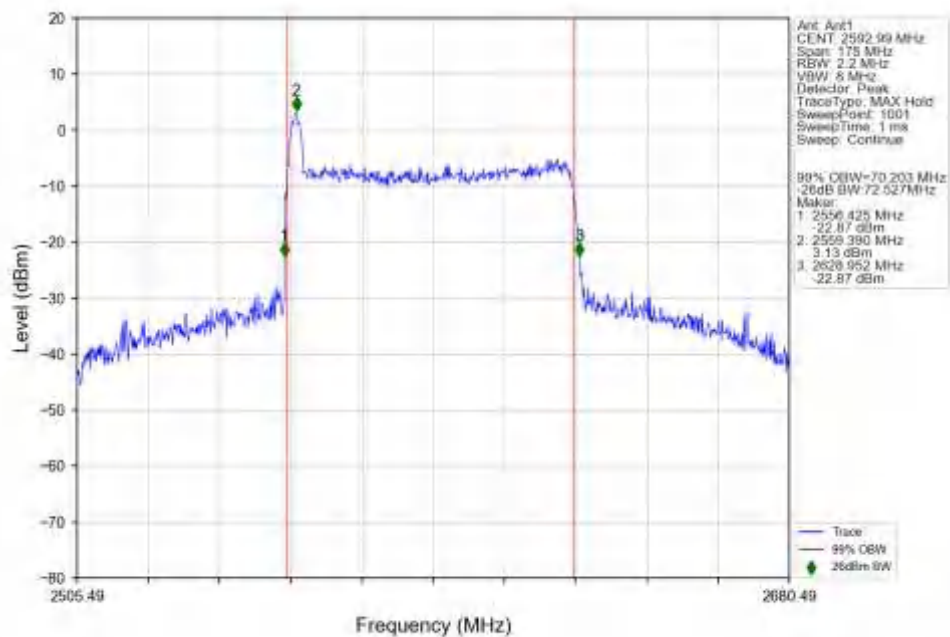
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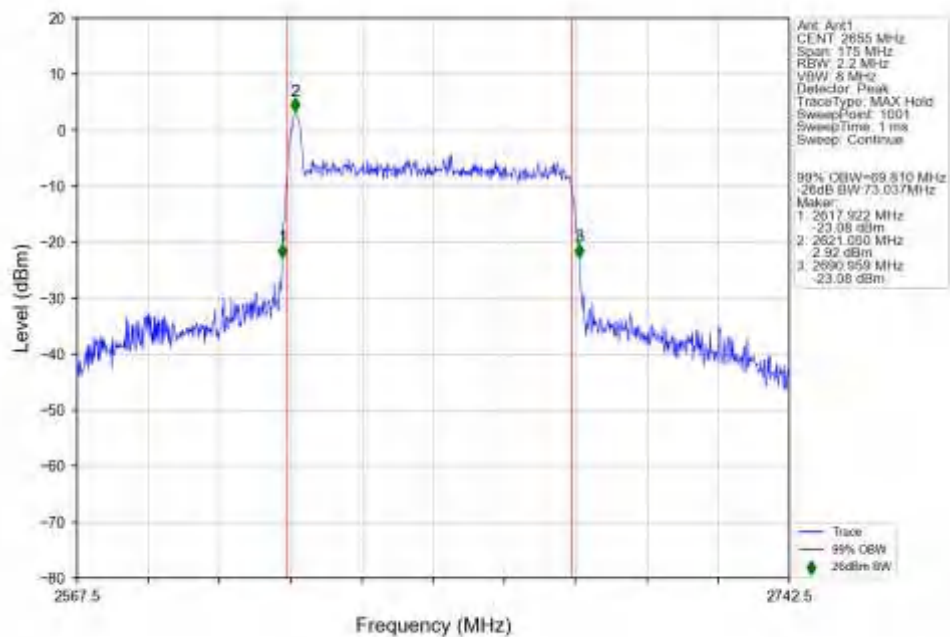
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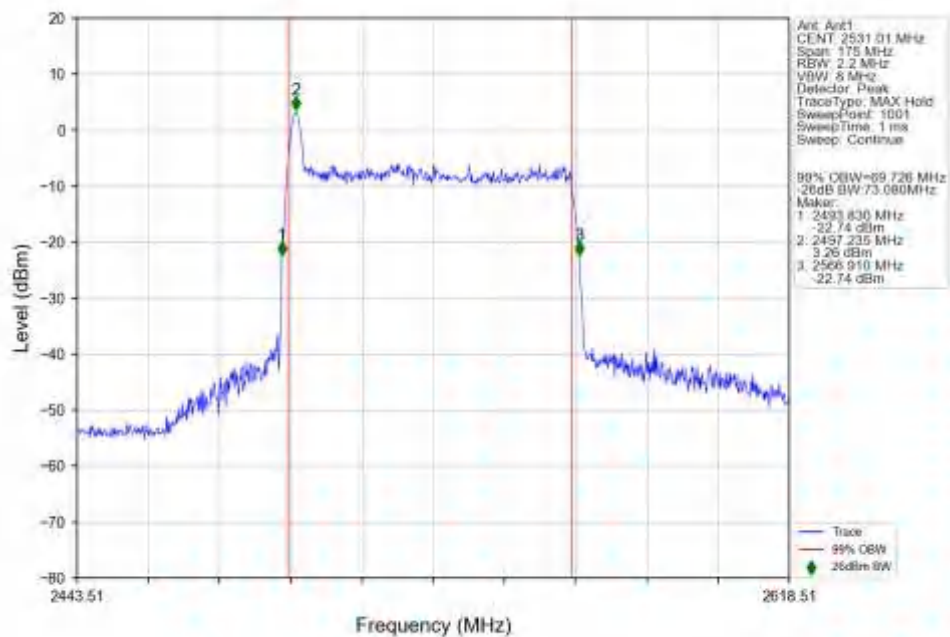
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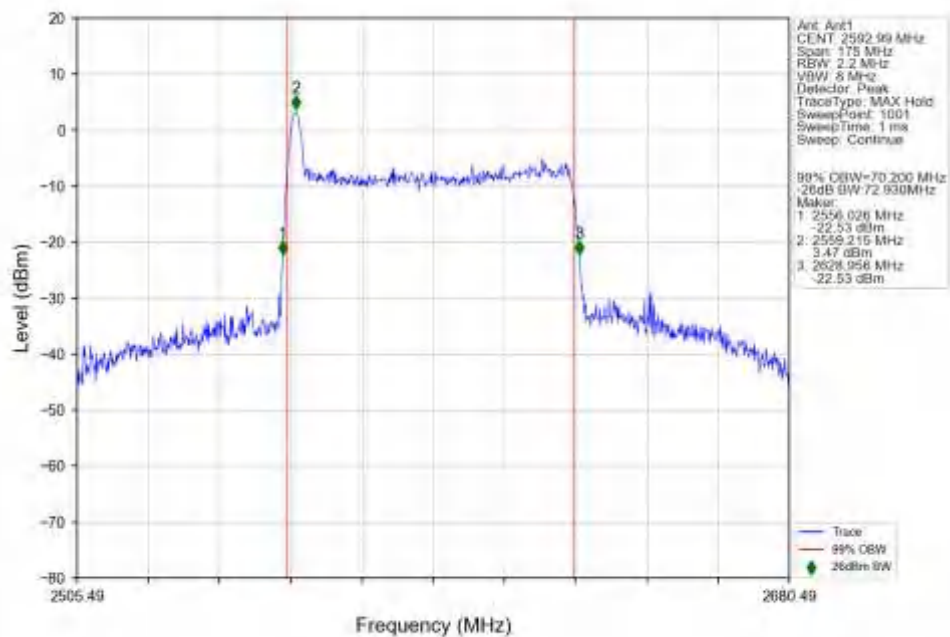
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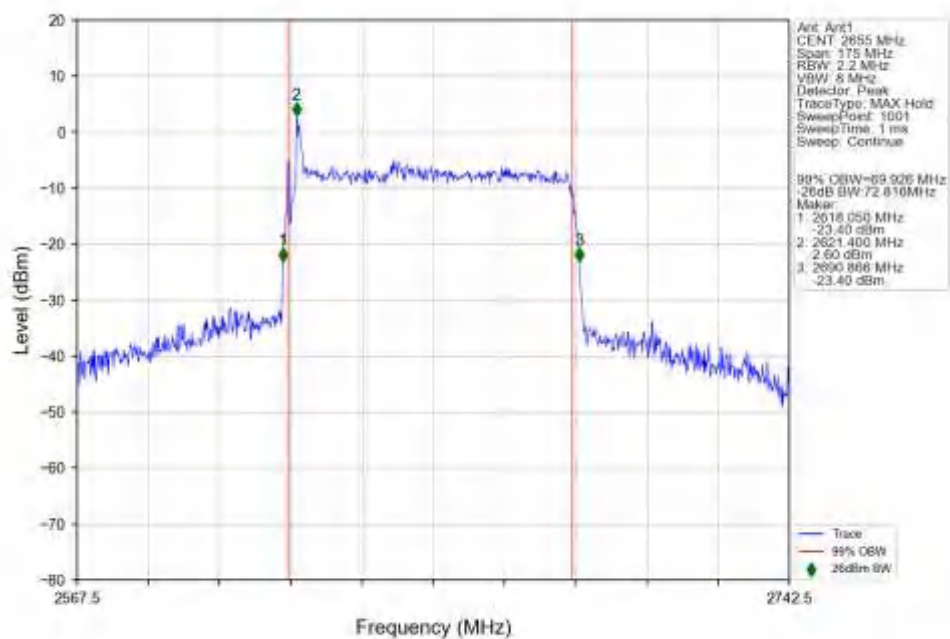
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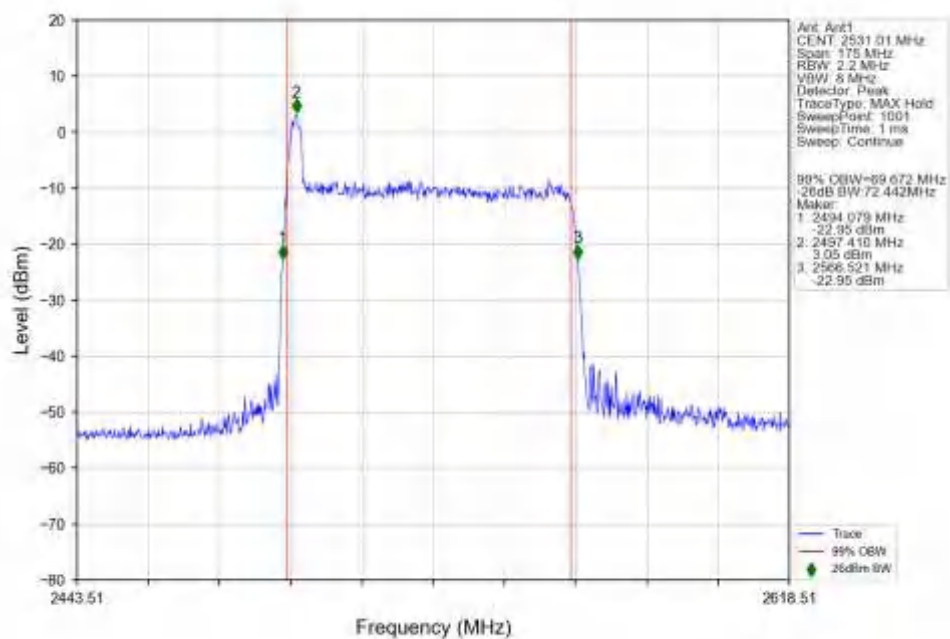
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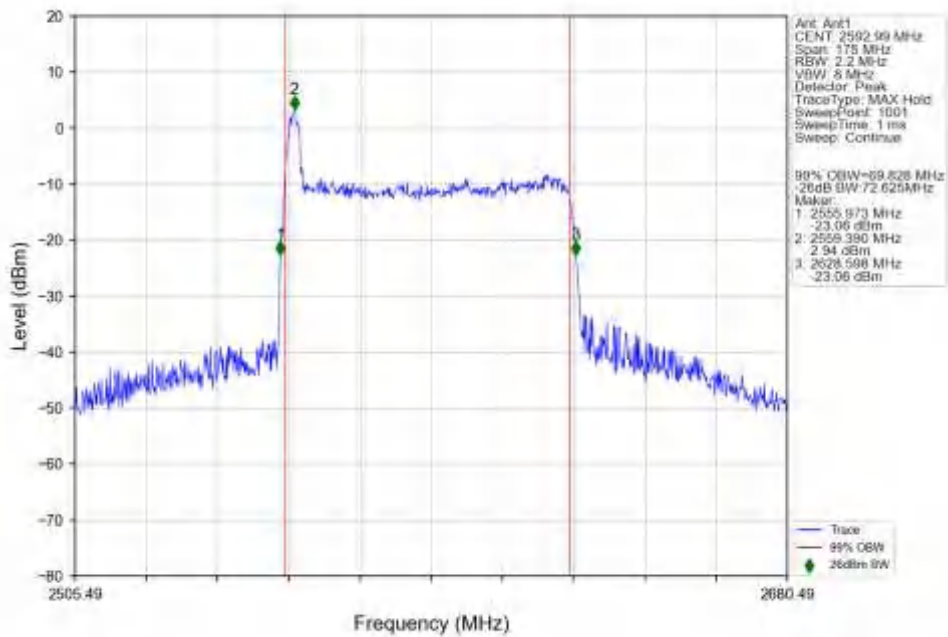
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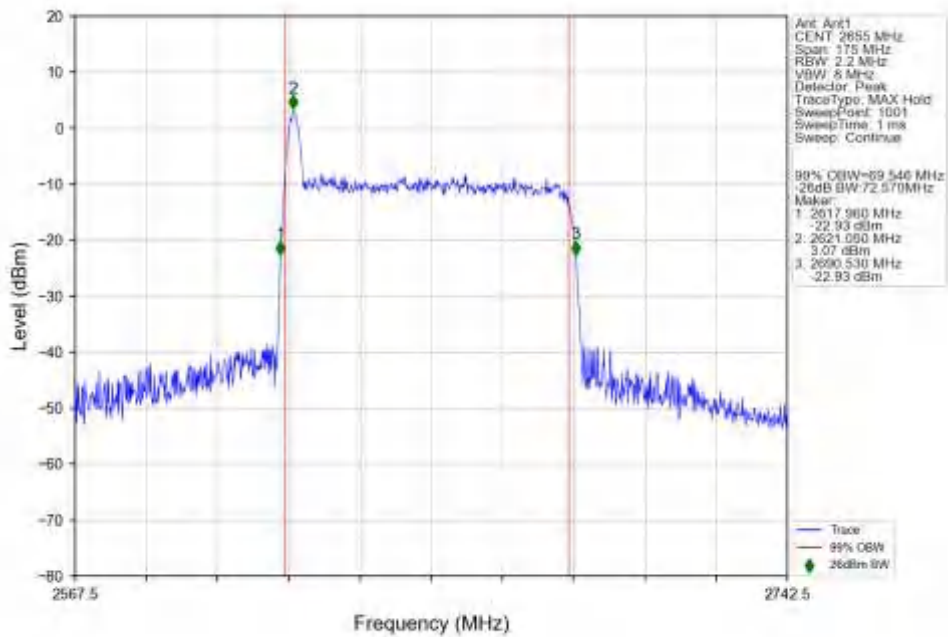
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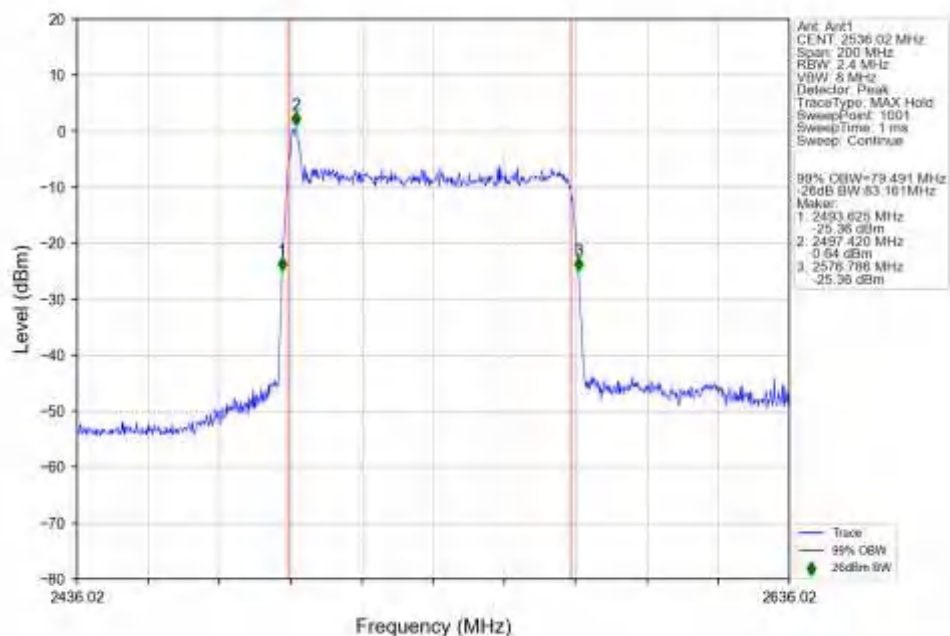


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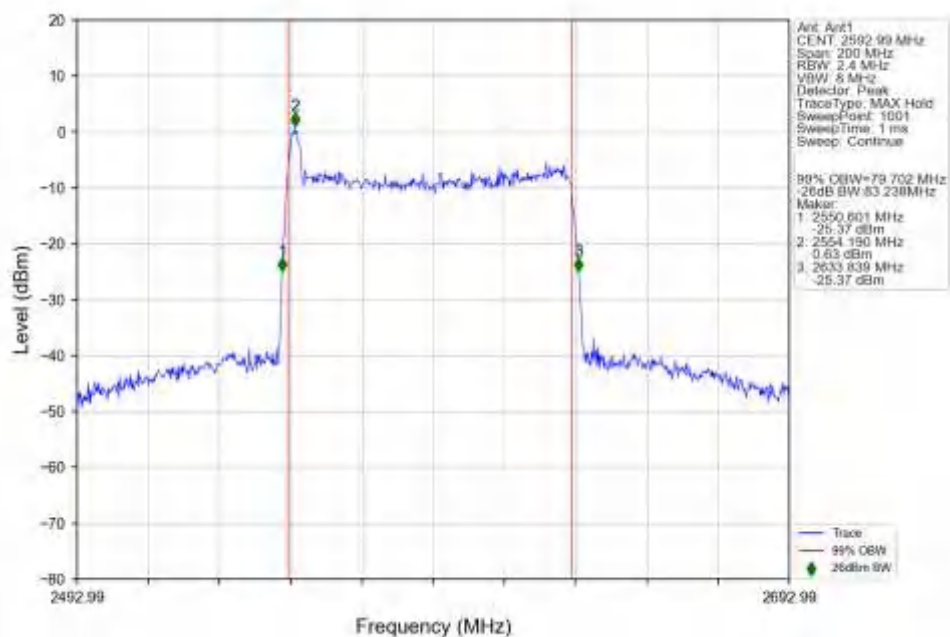


4.2.9 30k_SISO_80MHz_NTNV

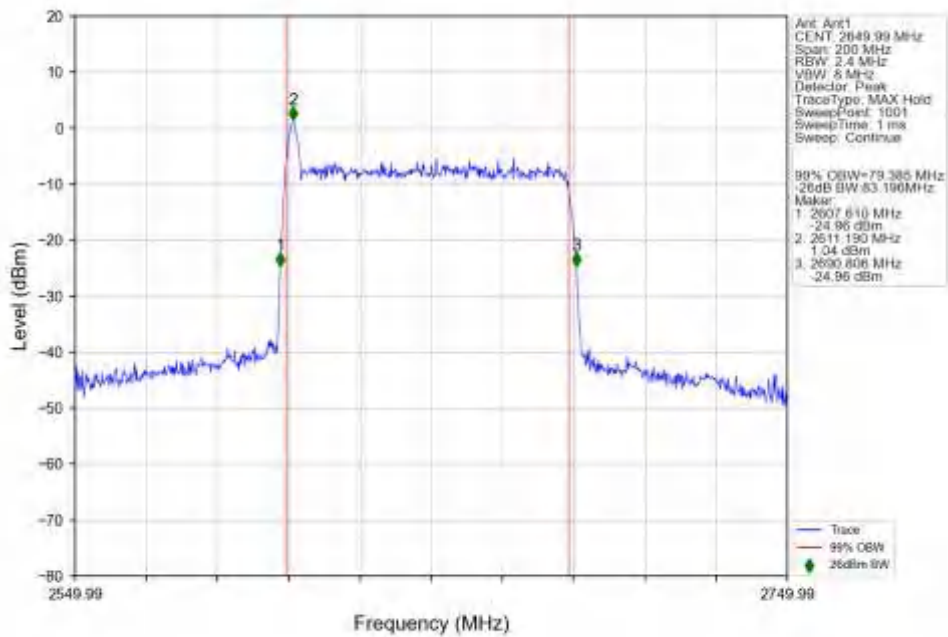
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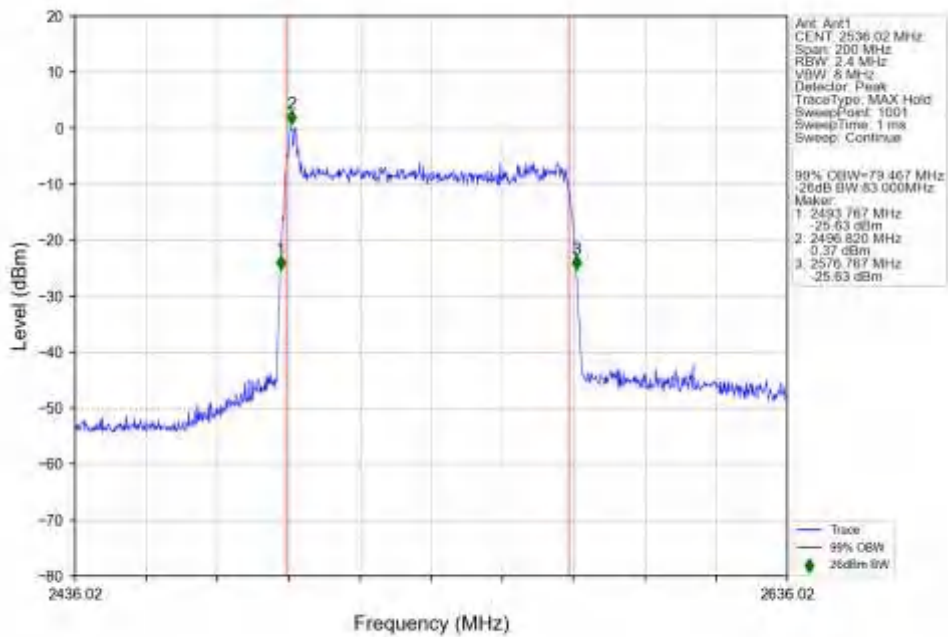
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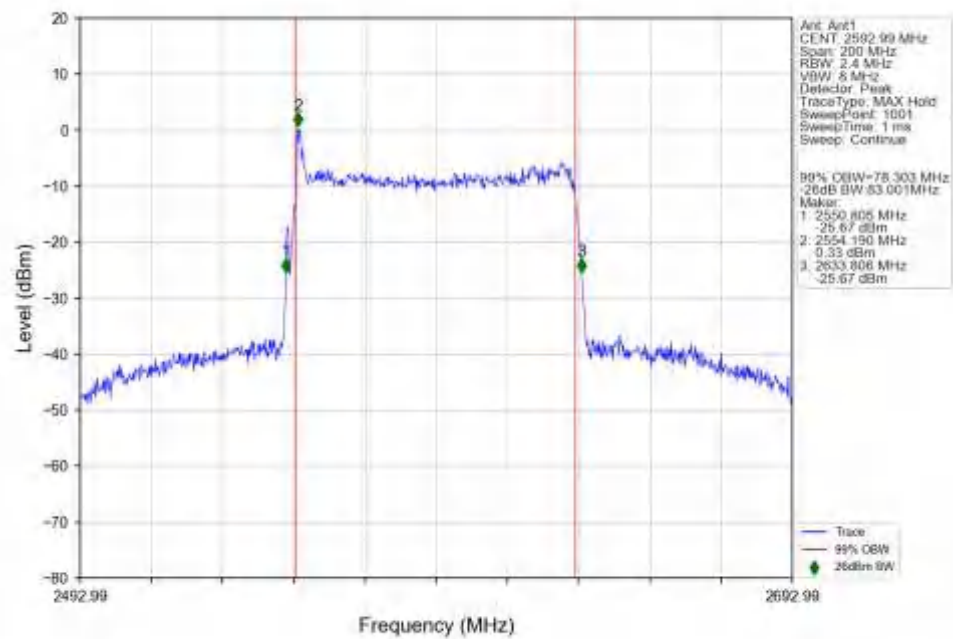
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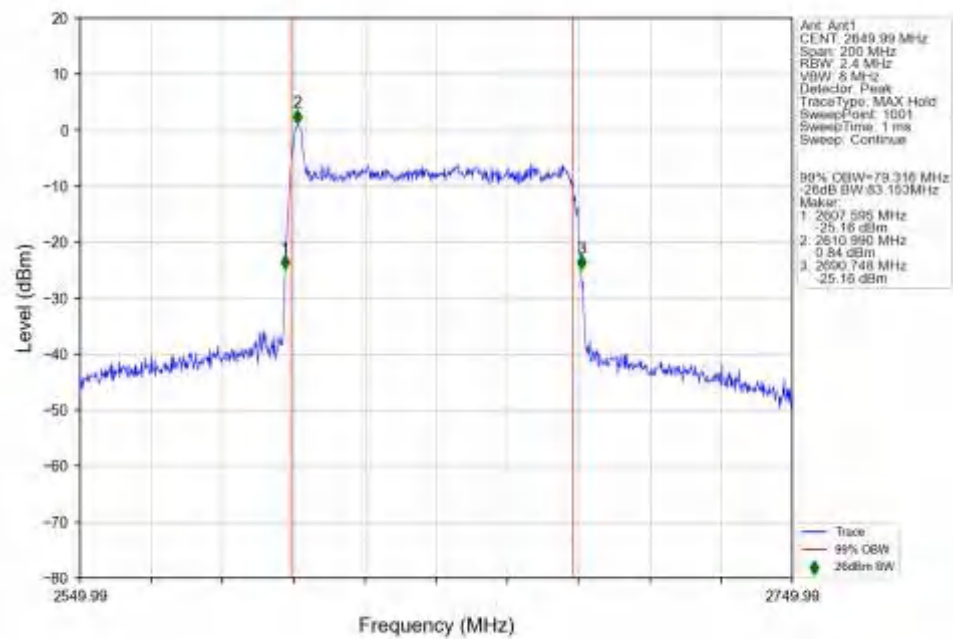
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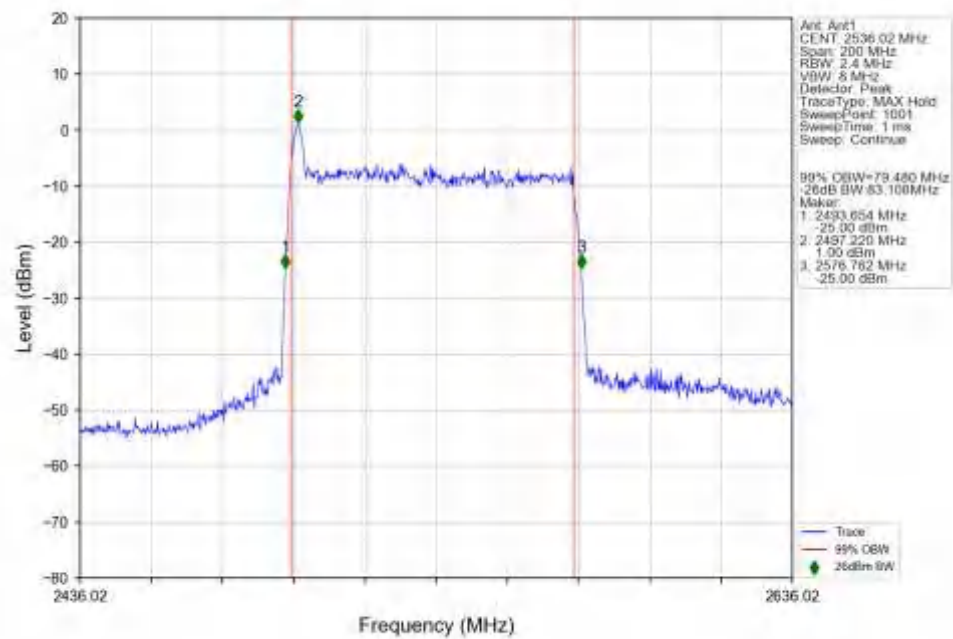
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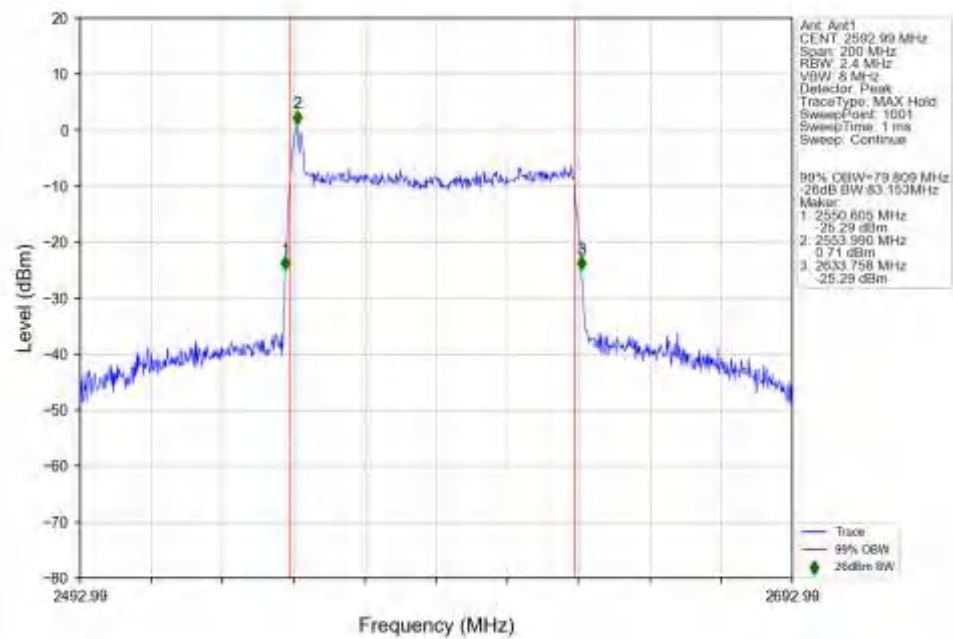
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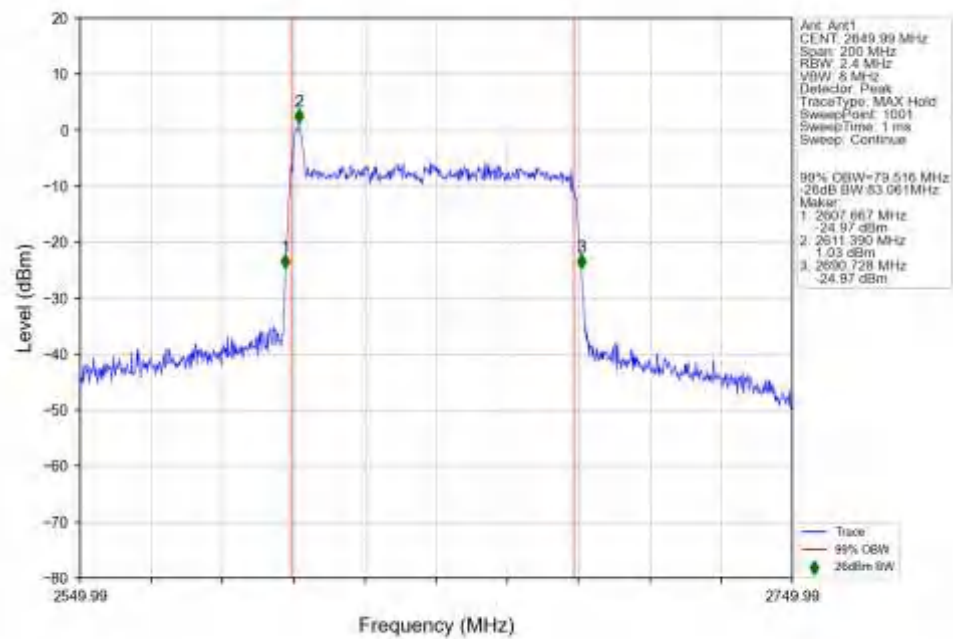
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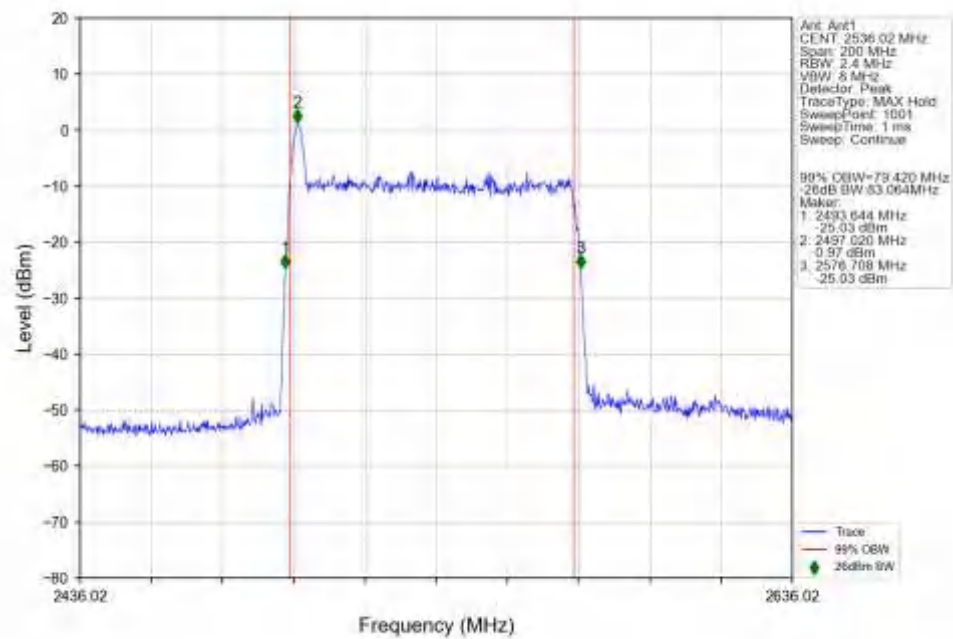
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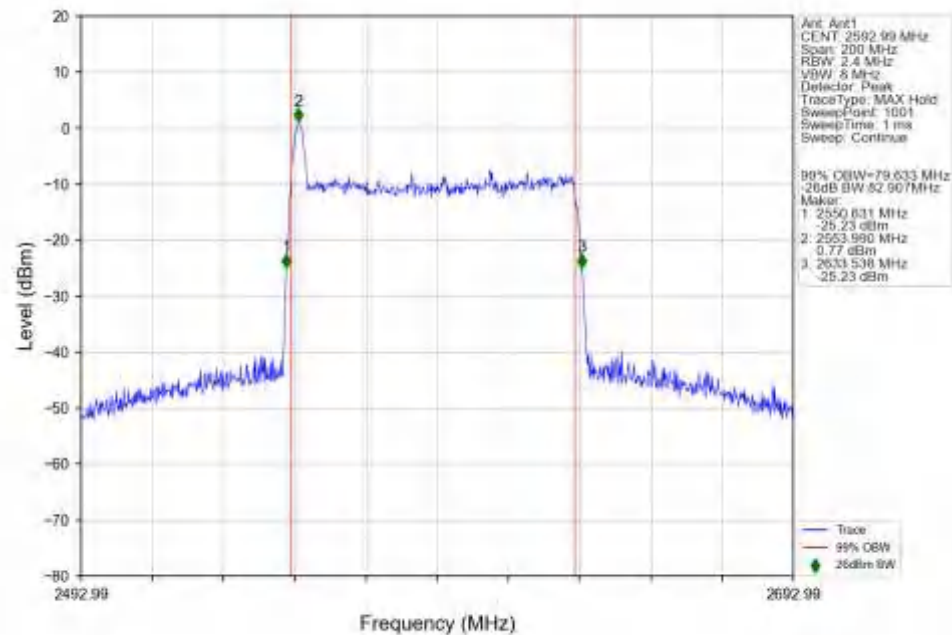
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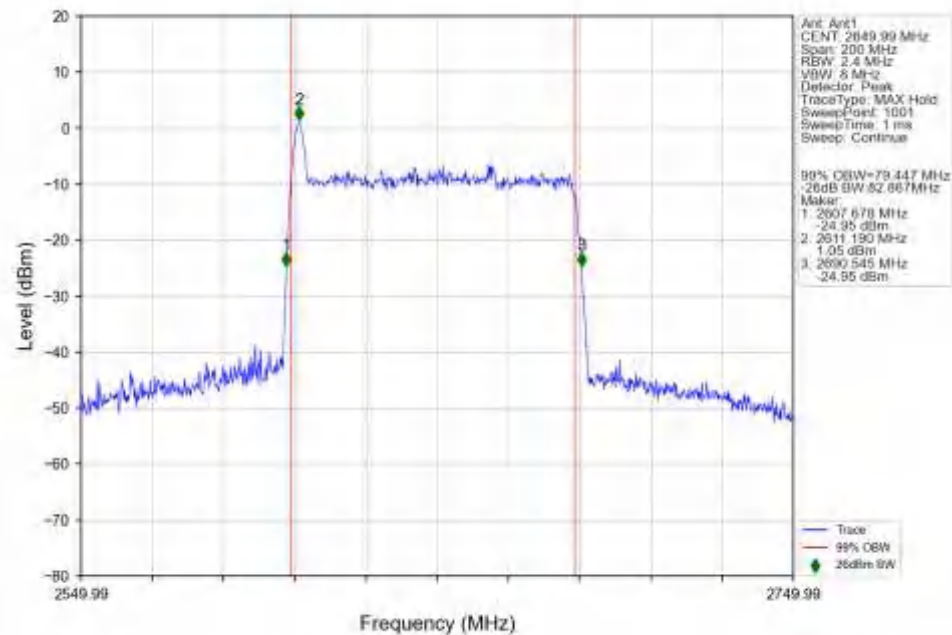
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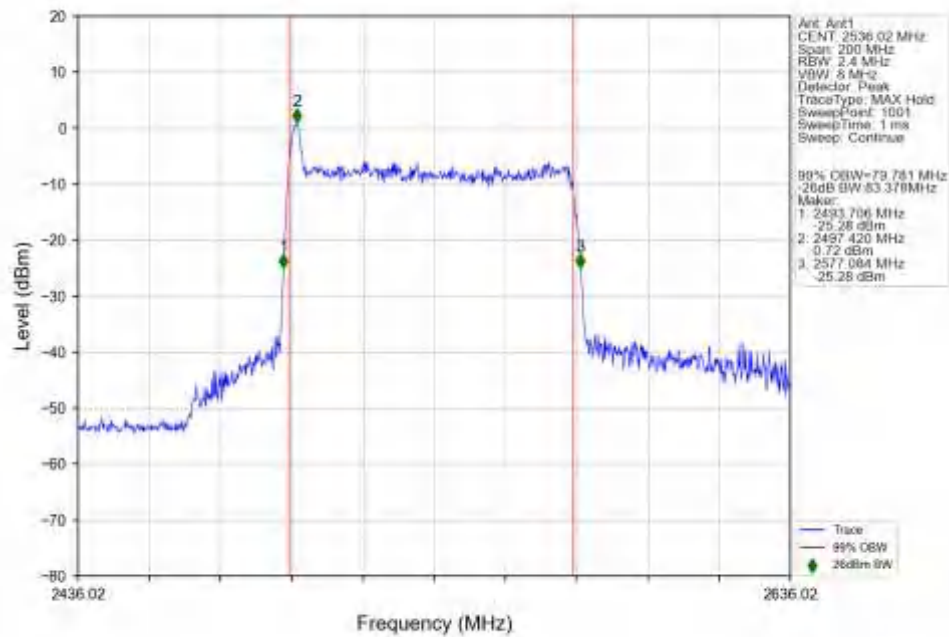
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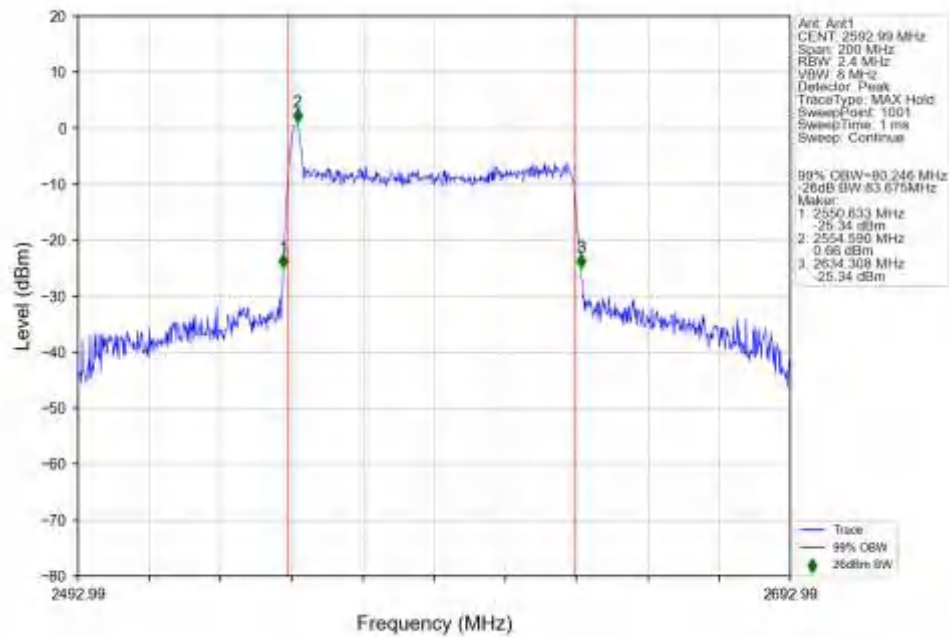
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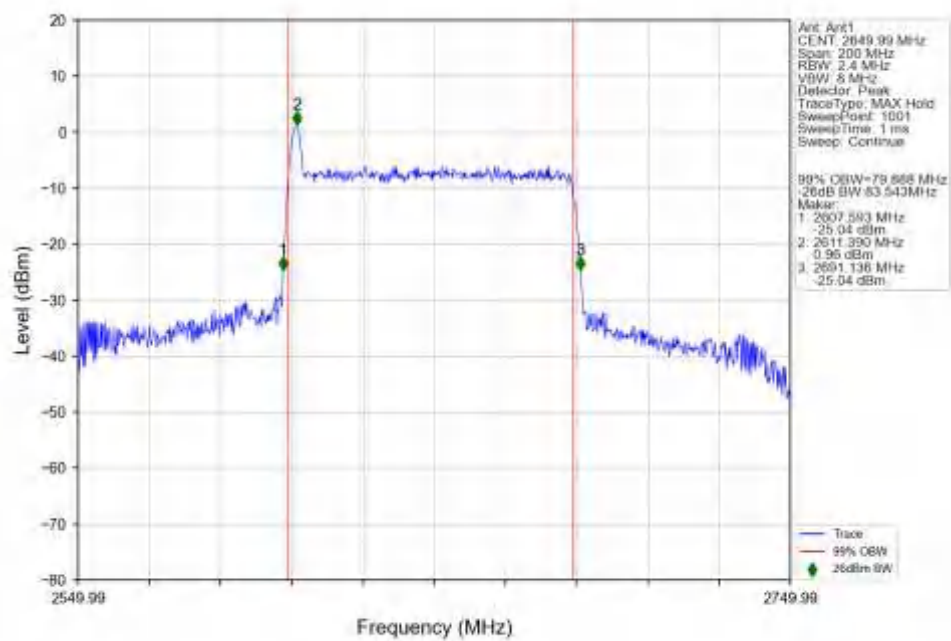
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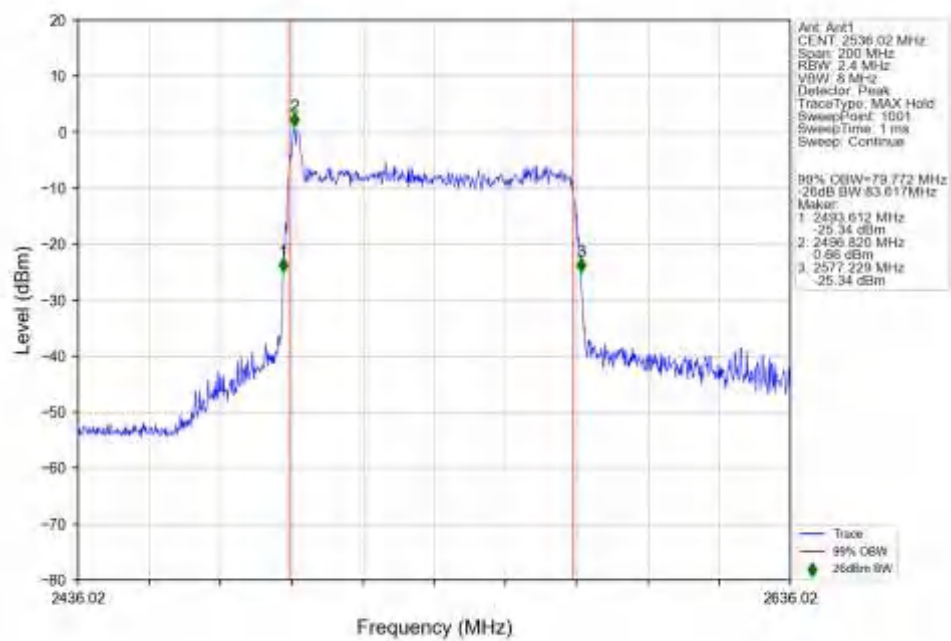
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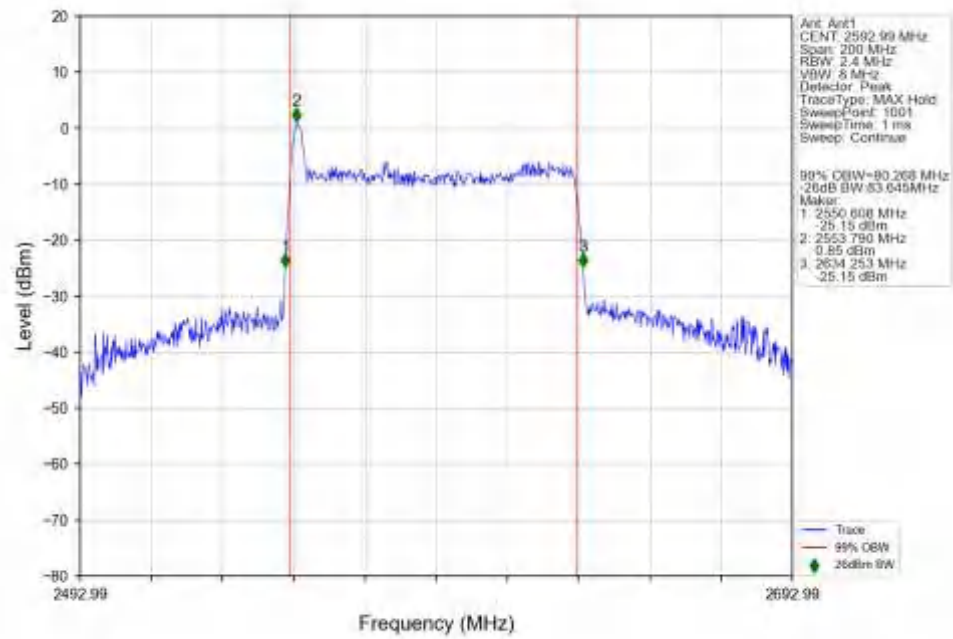
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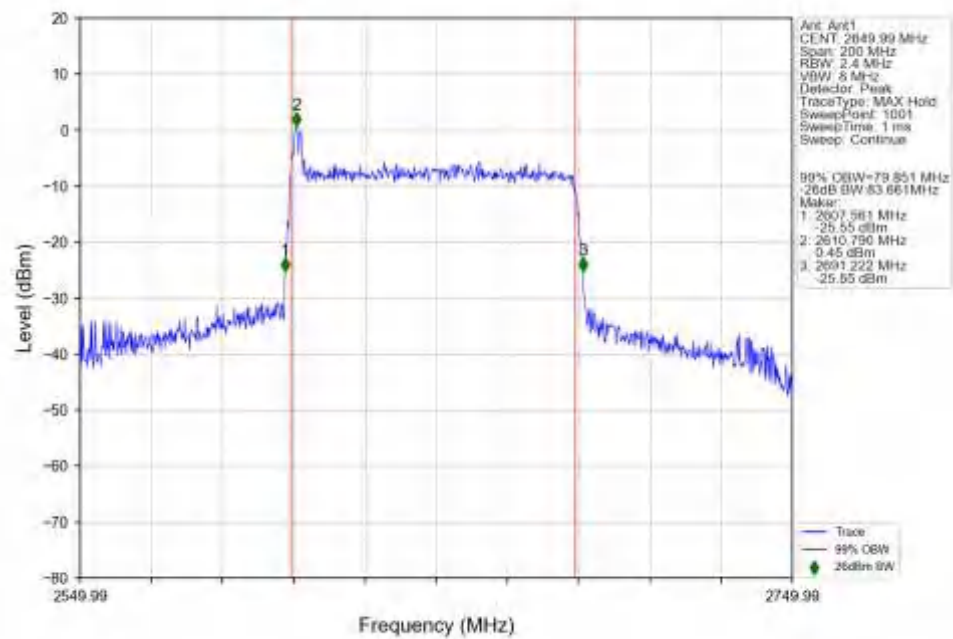
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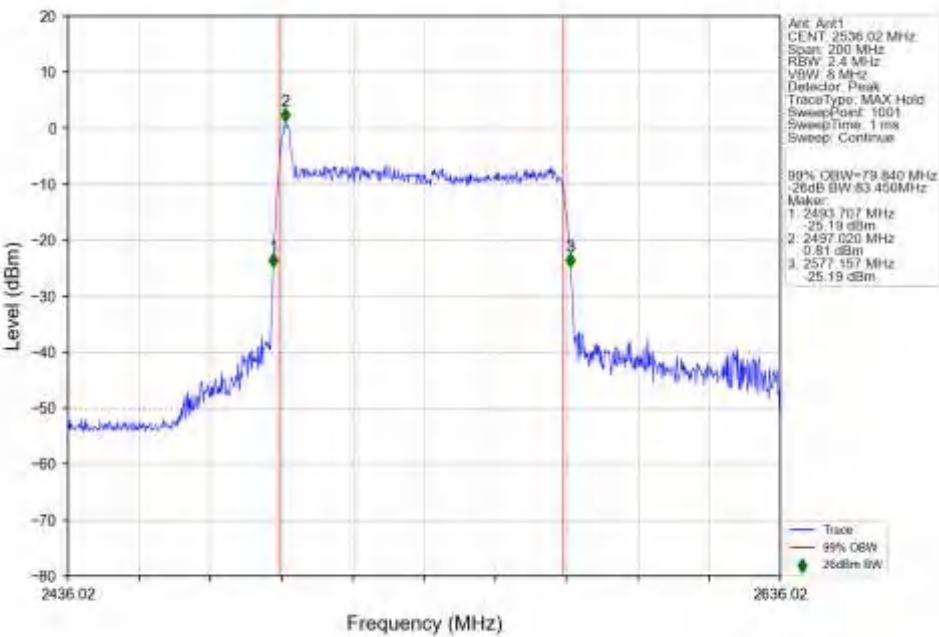
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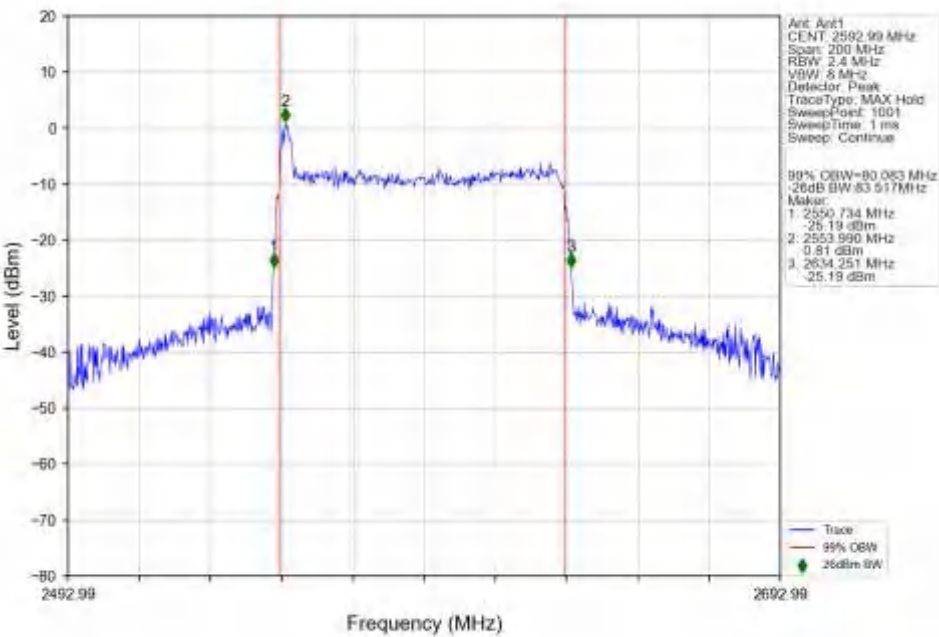
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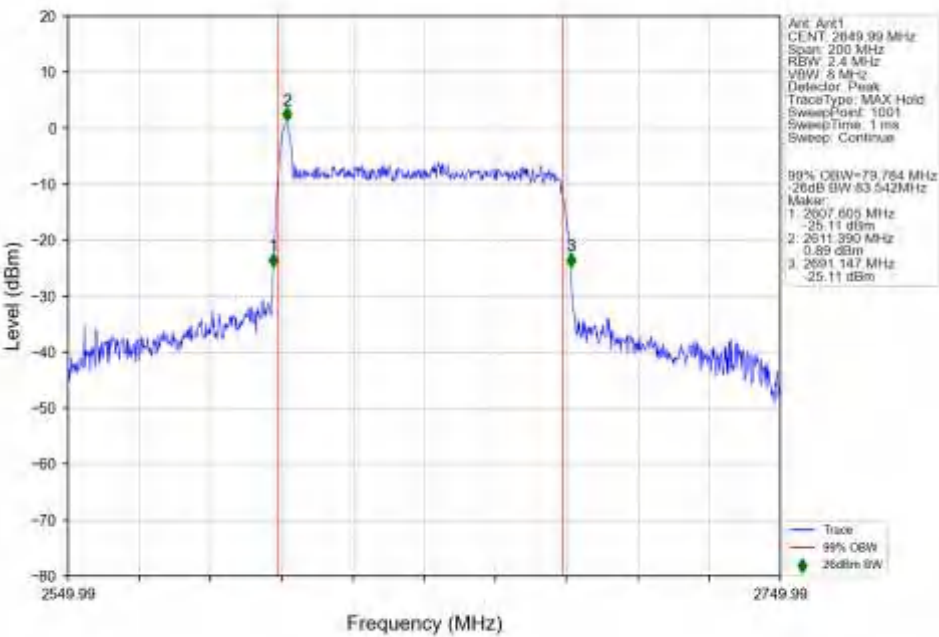
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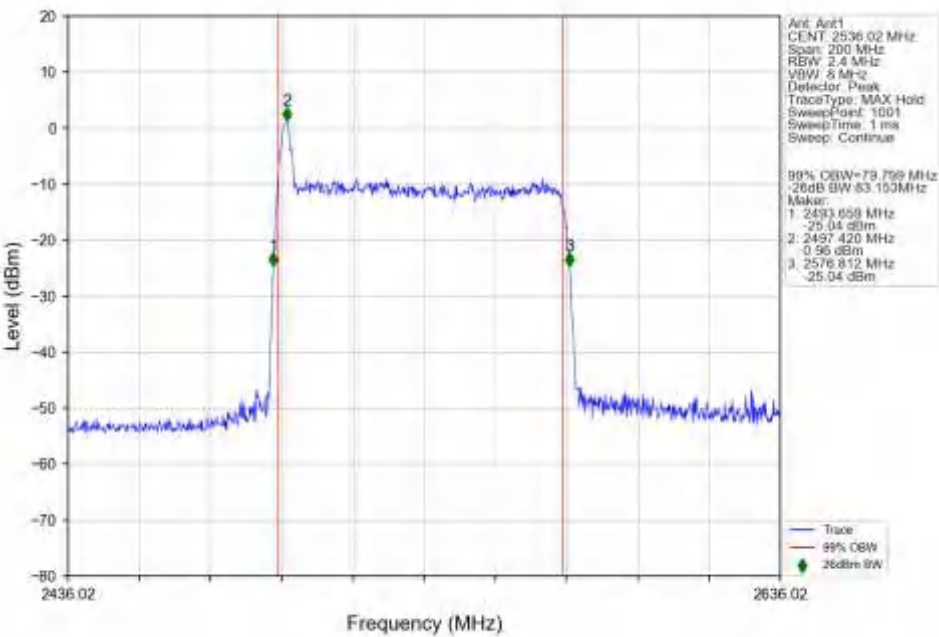
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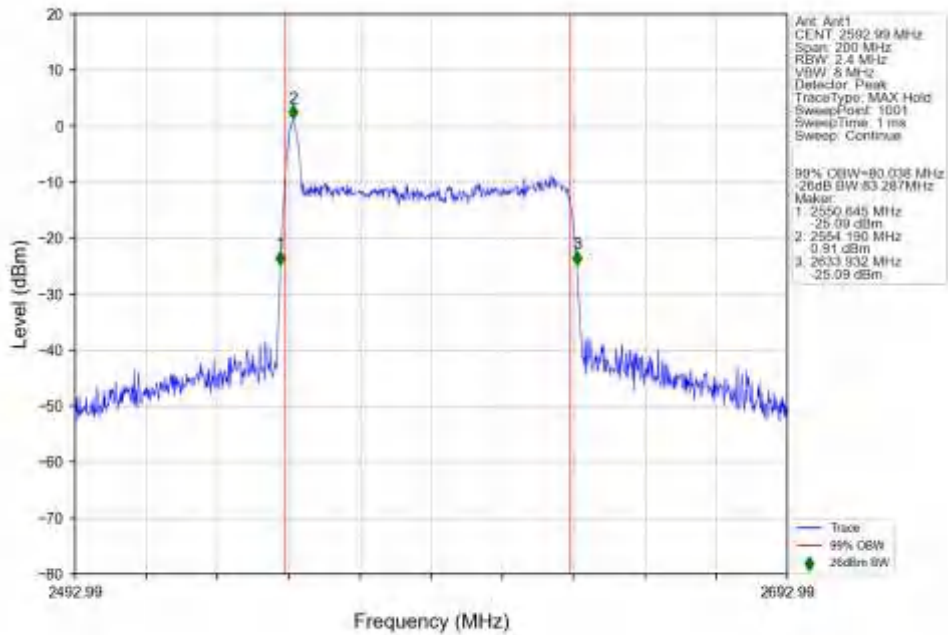
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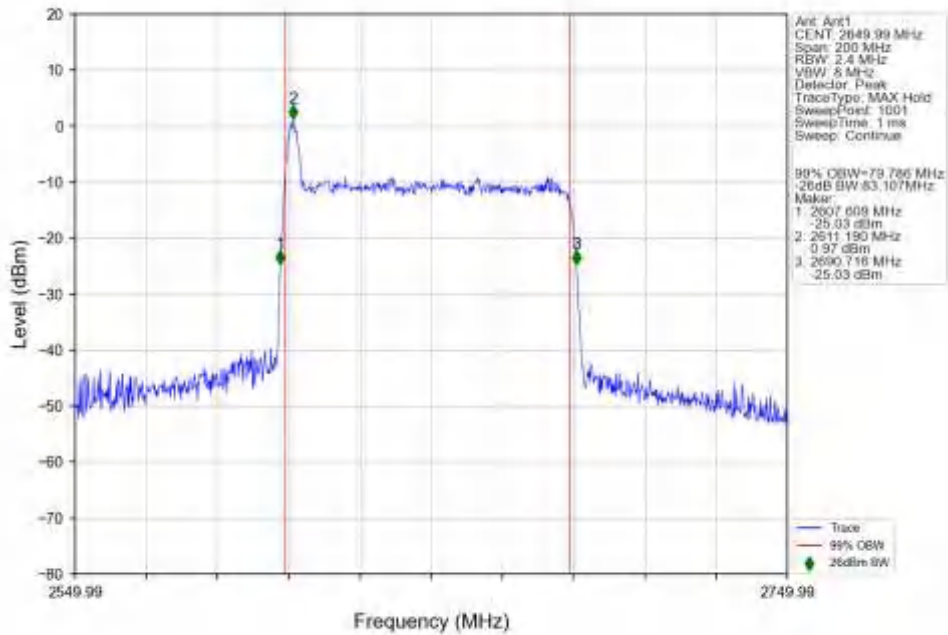
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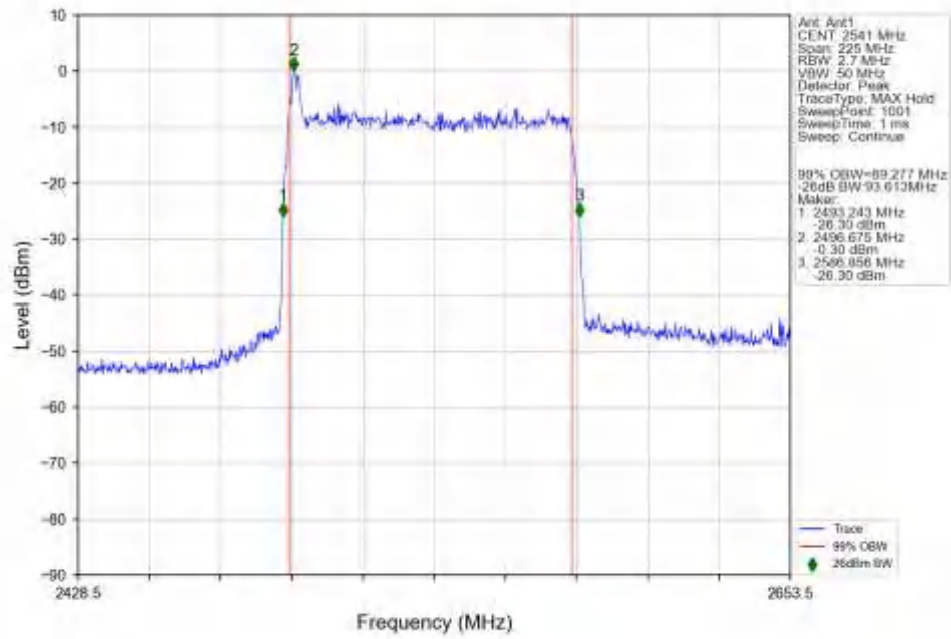


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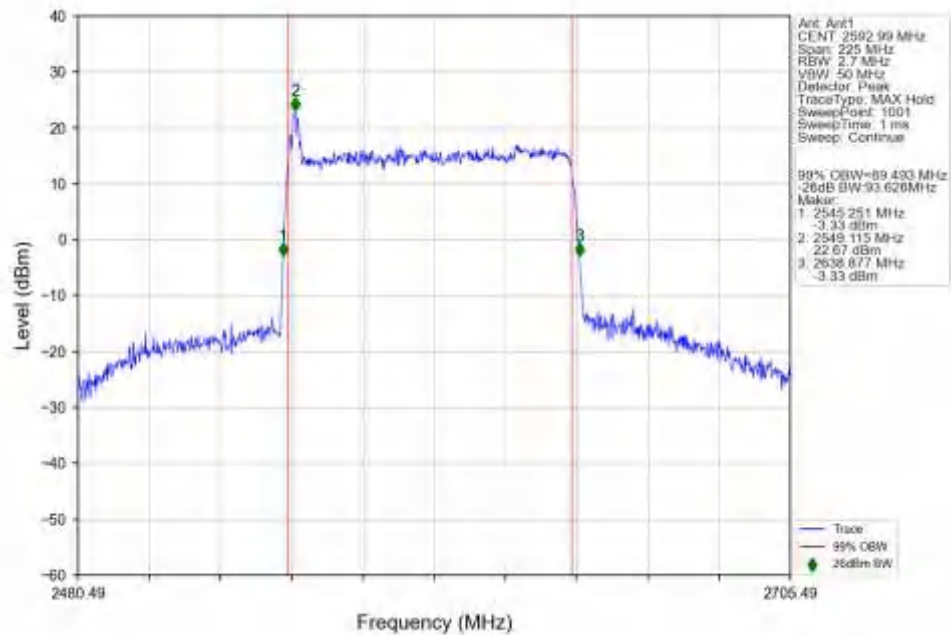


4.2.10 30k_SISO_90MHz_NTNV

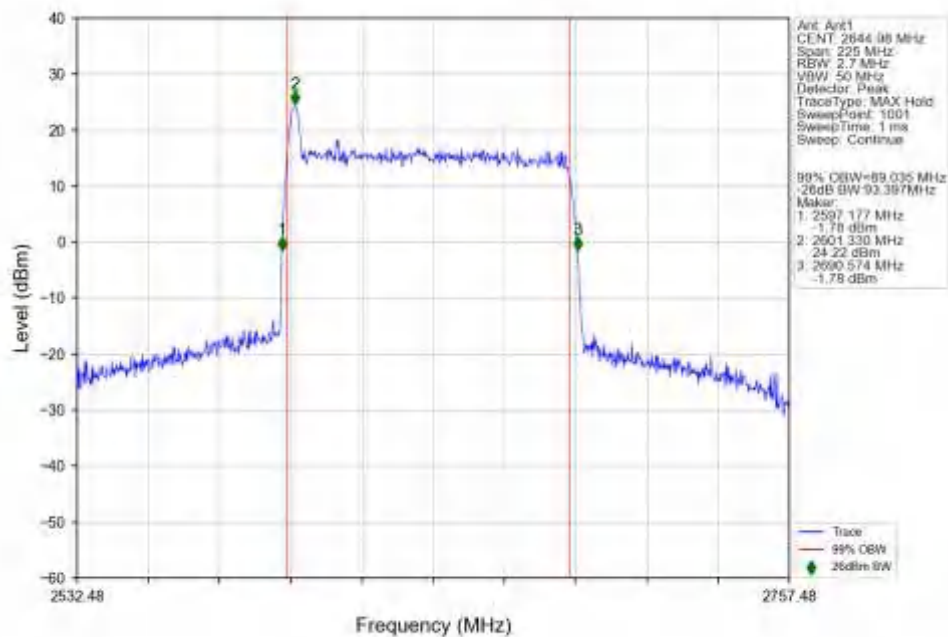
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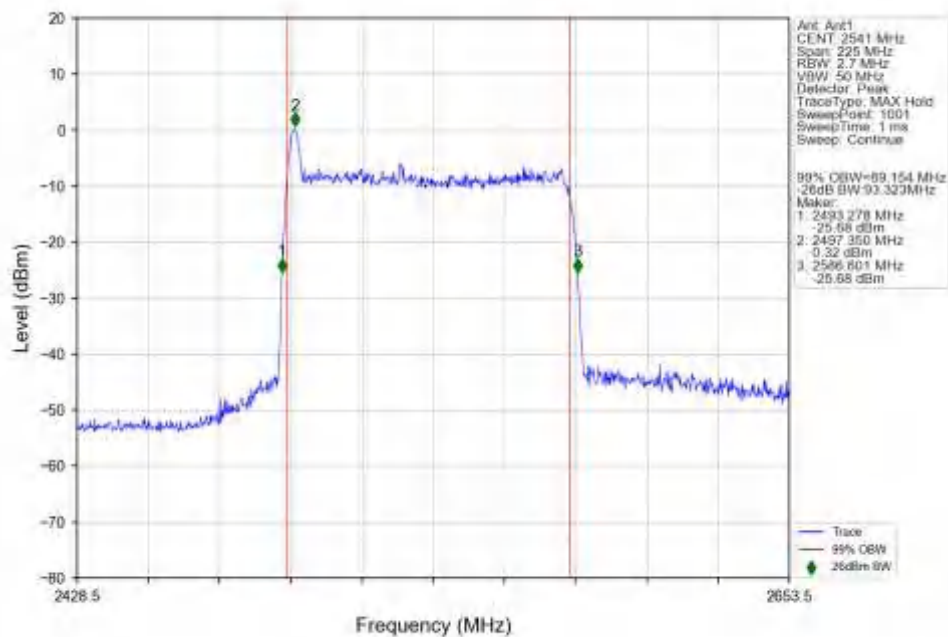
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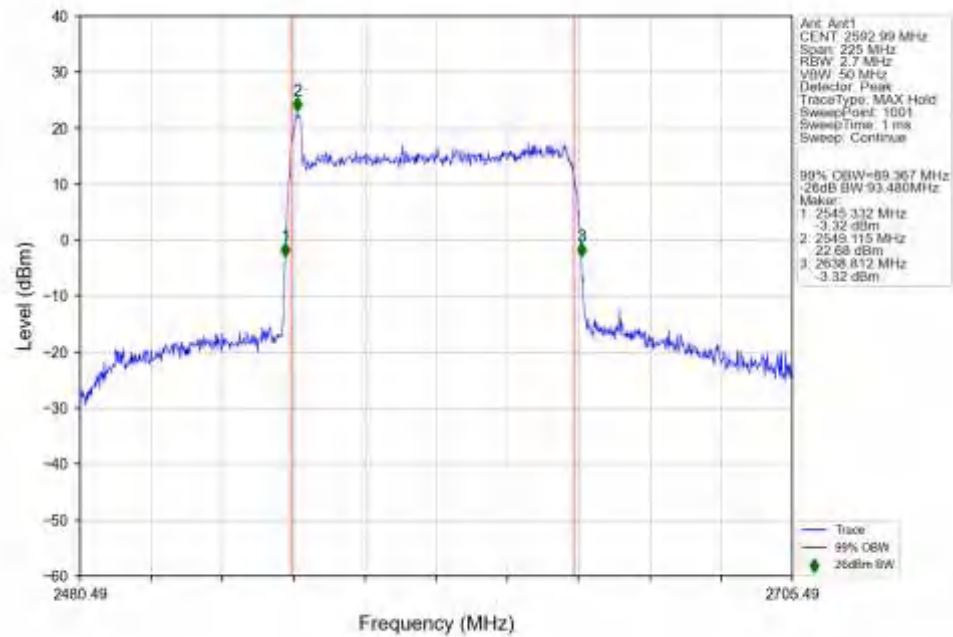
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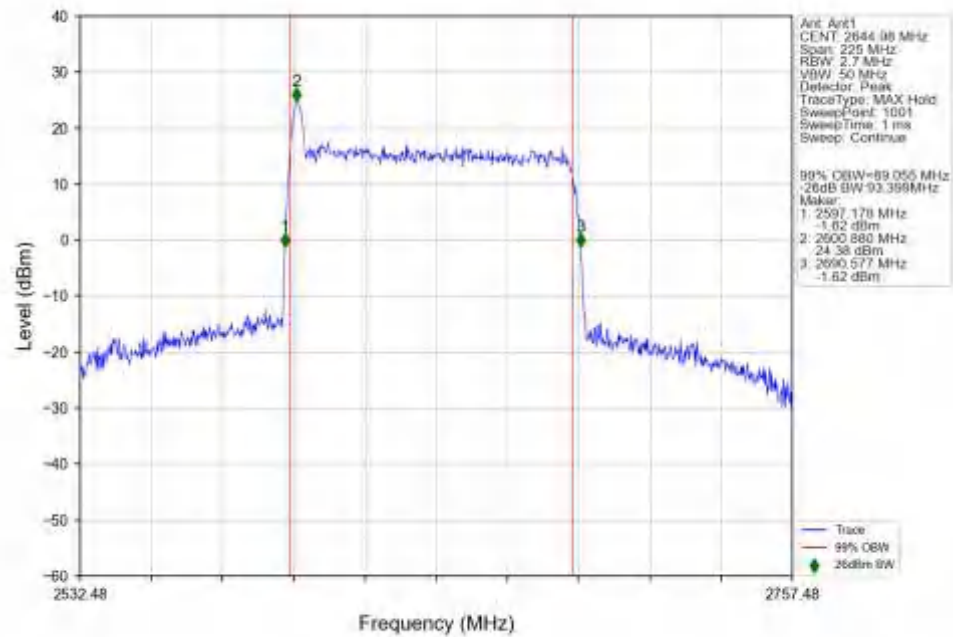
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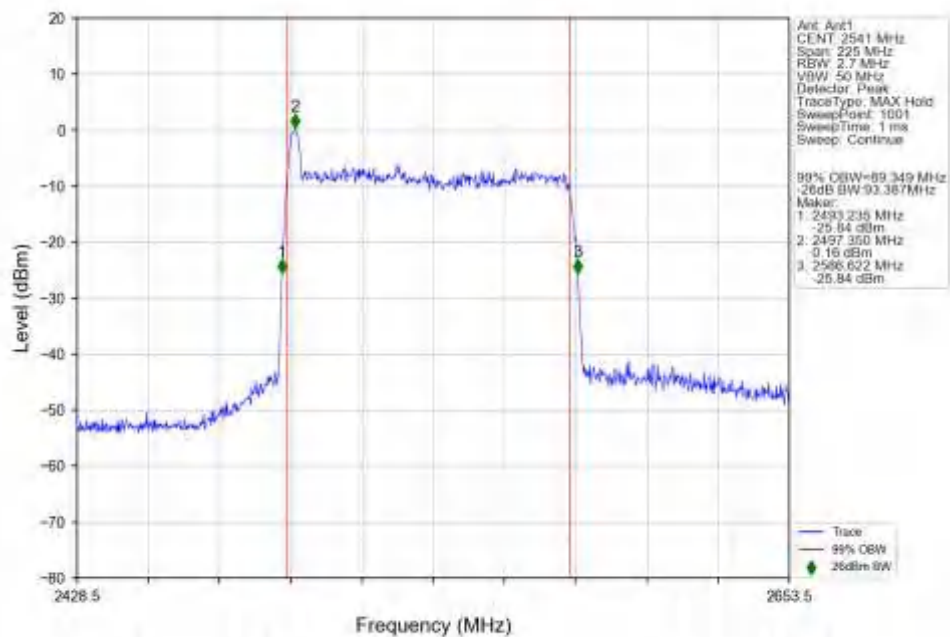
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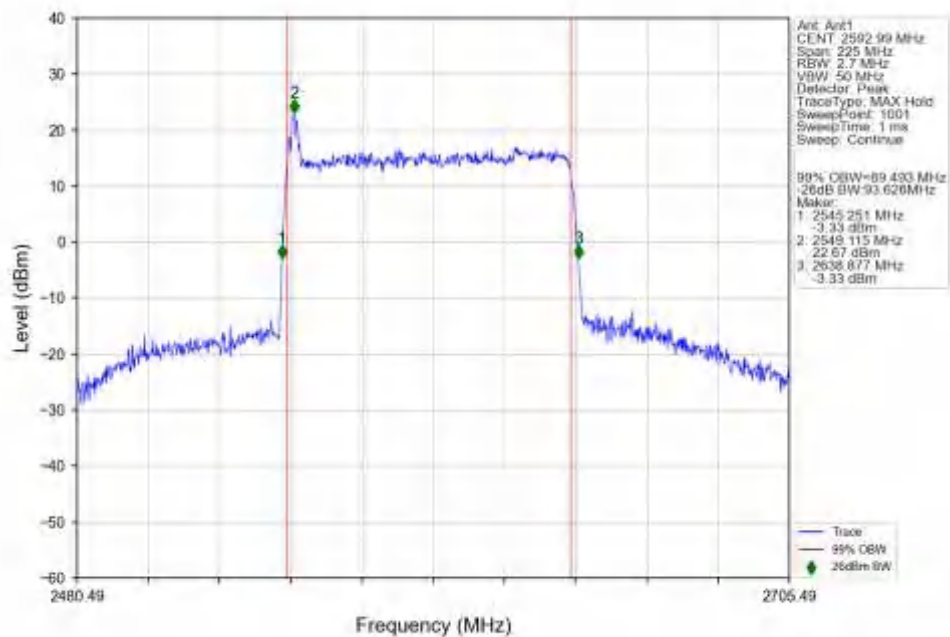
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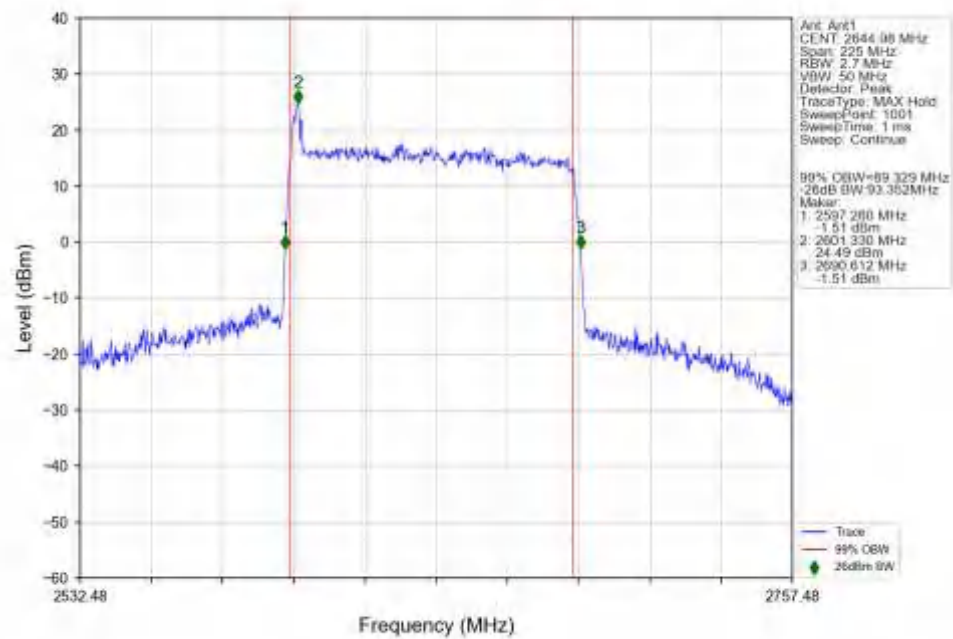
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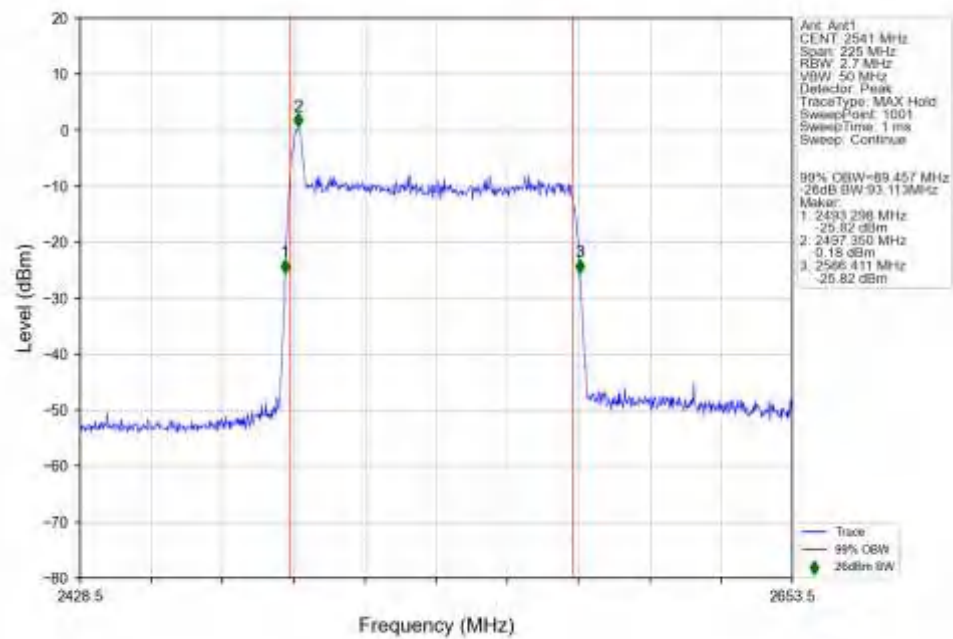
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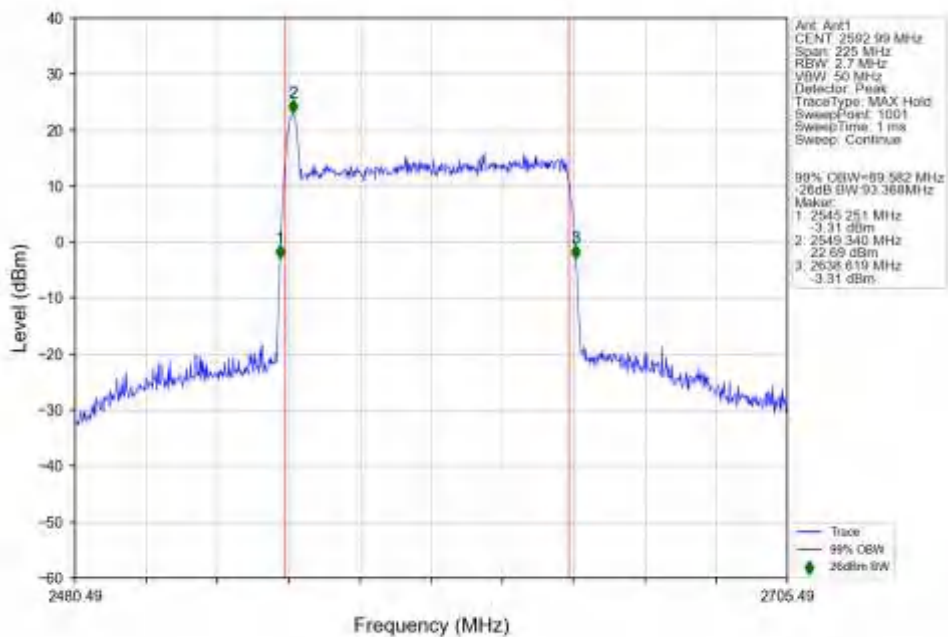
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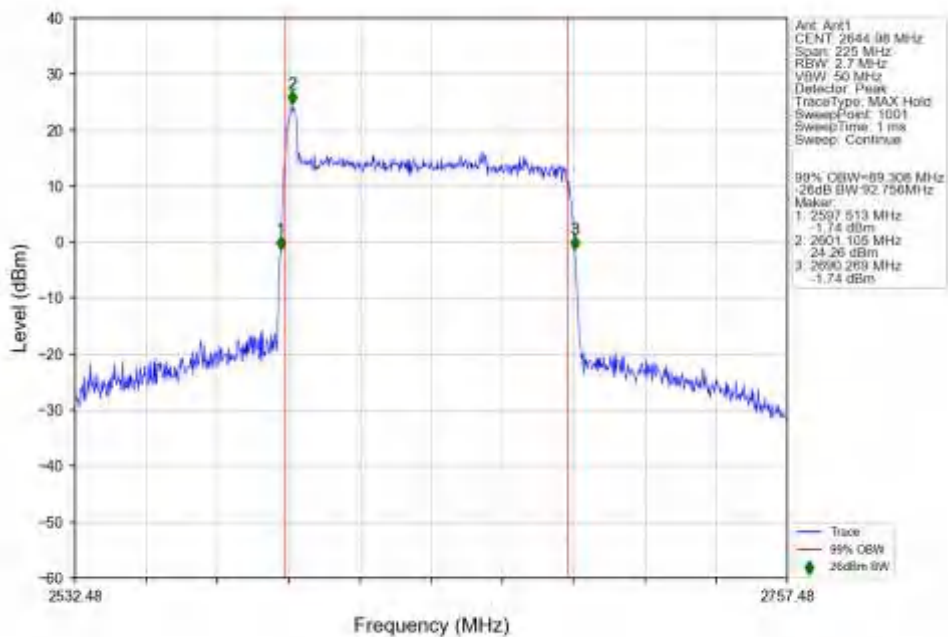
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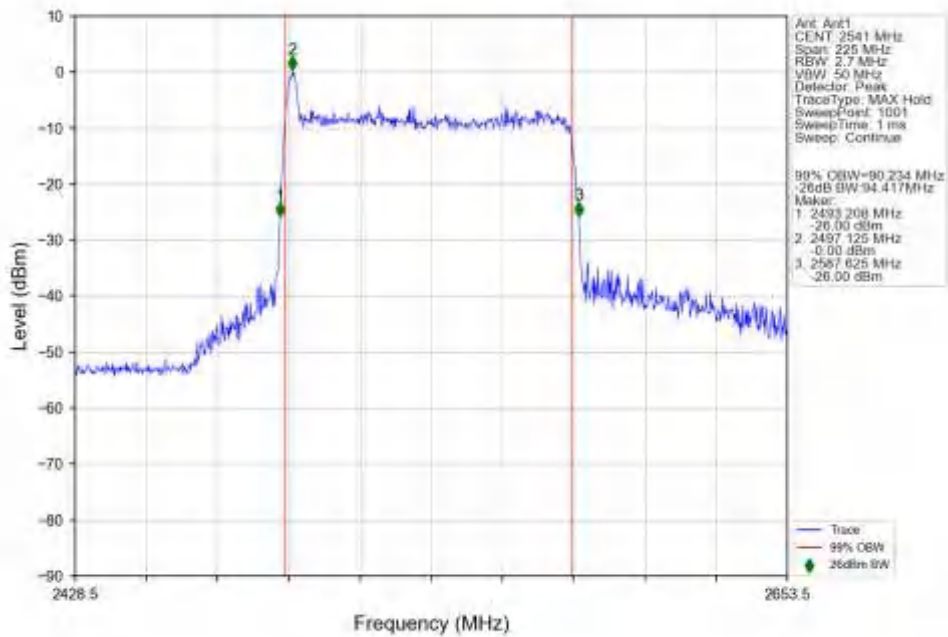
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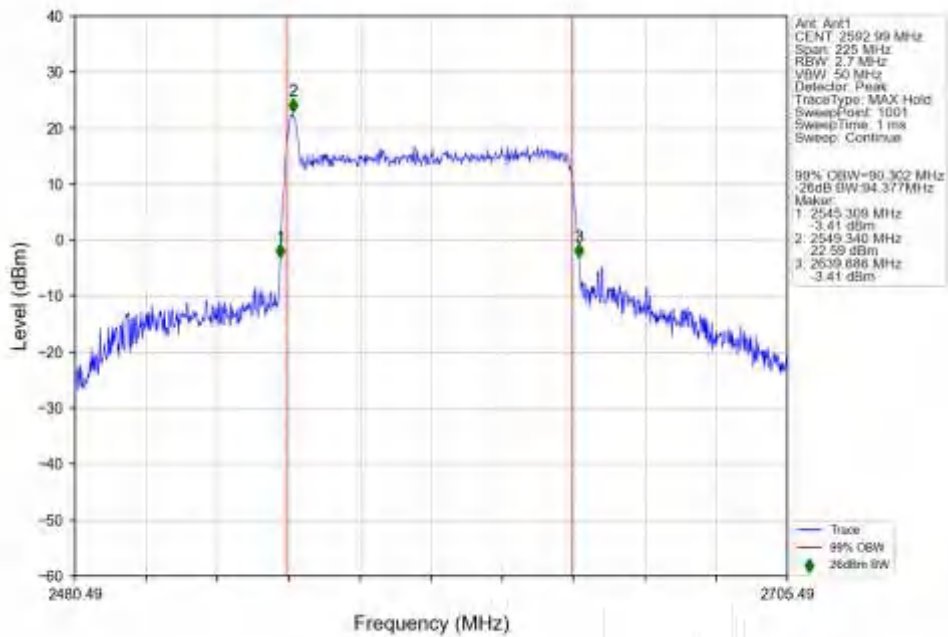
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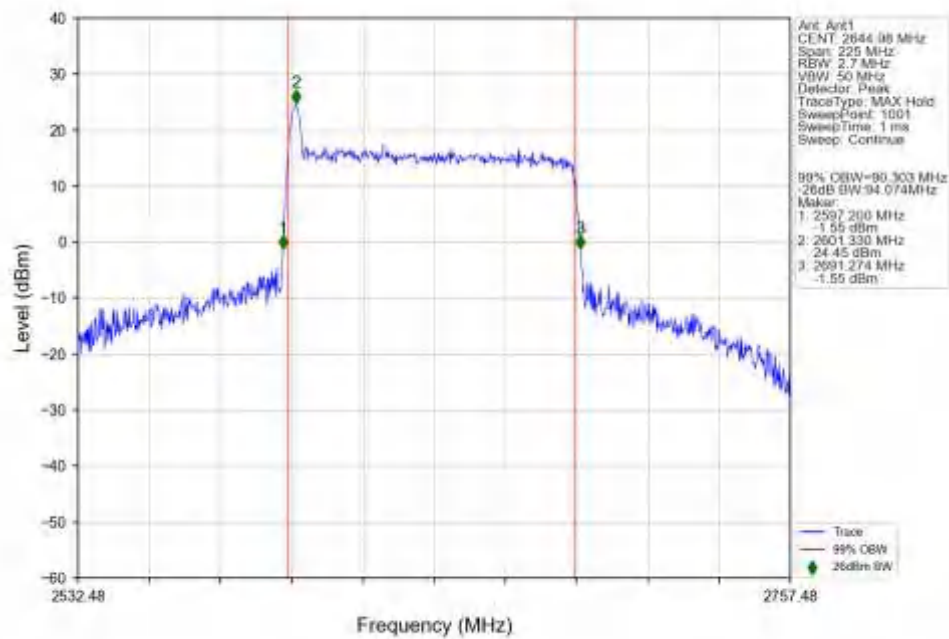
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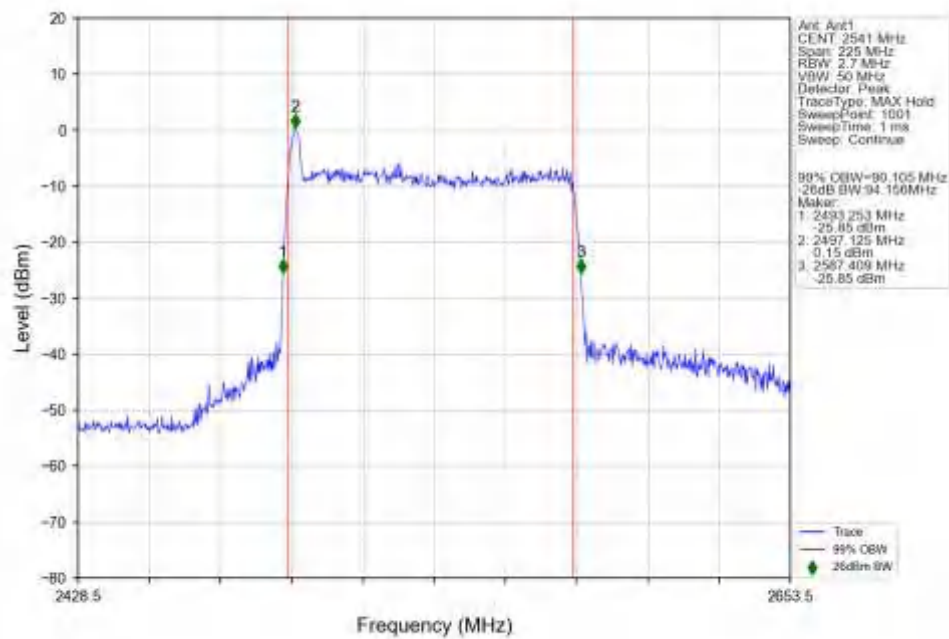
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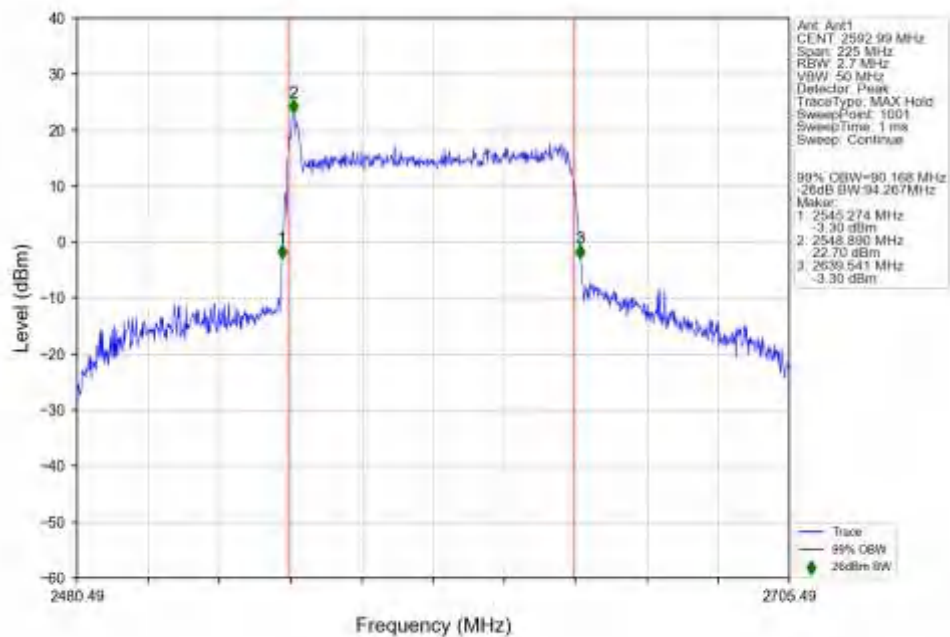
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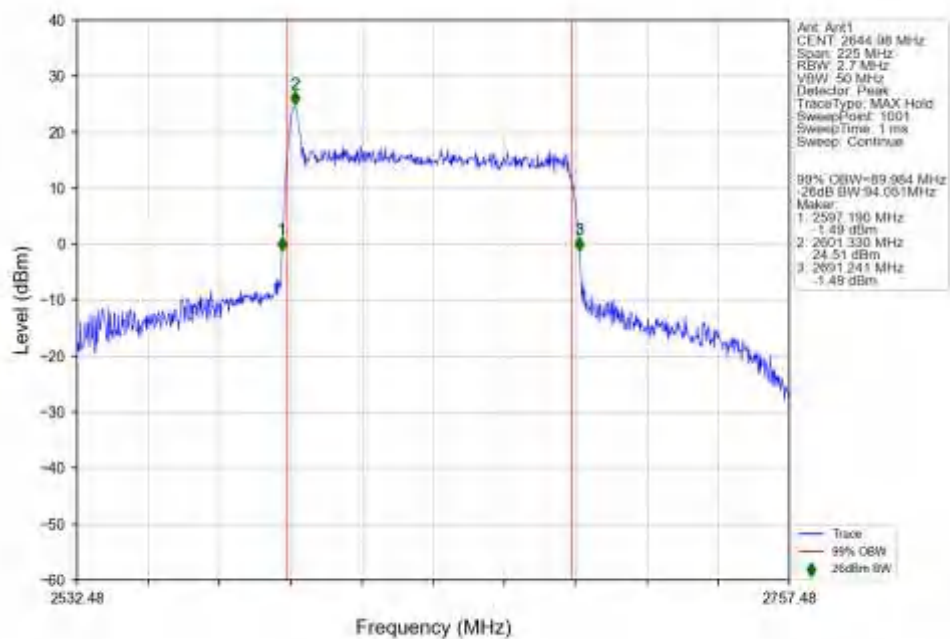
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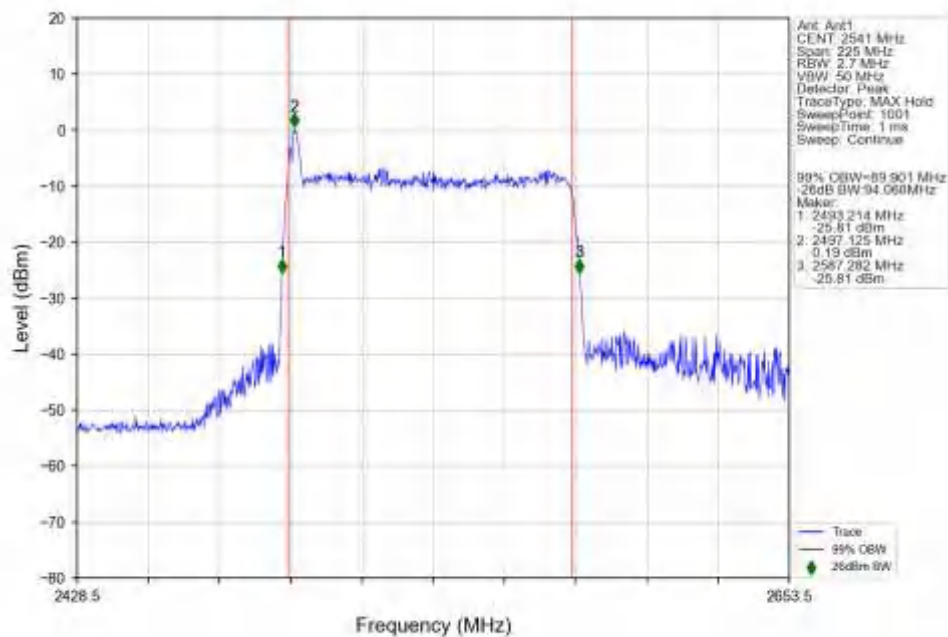
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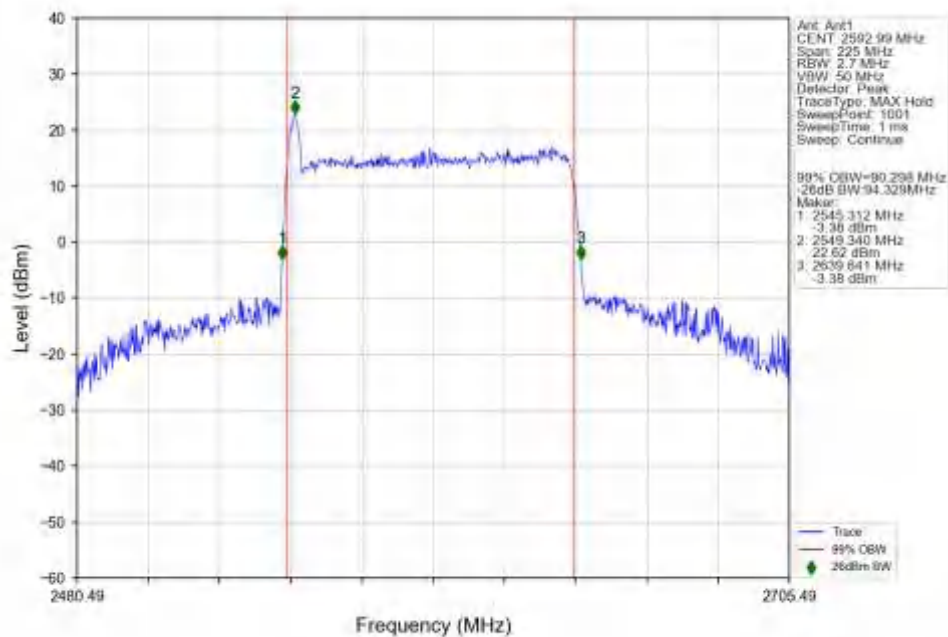
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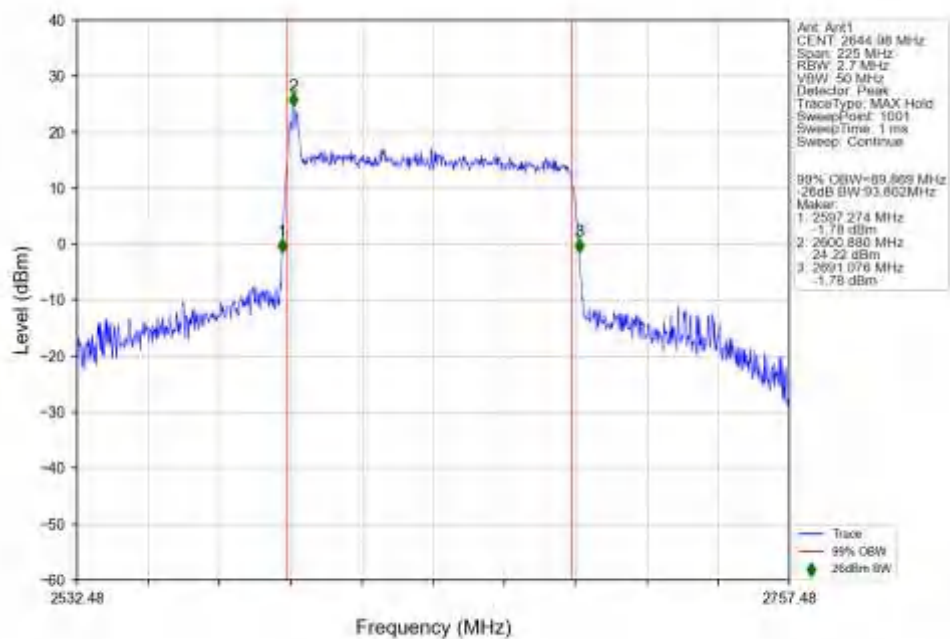
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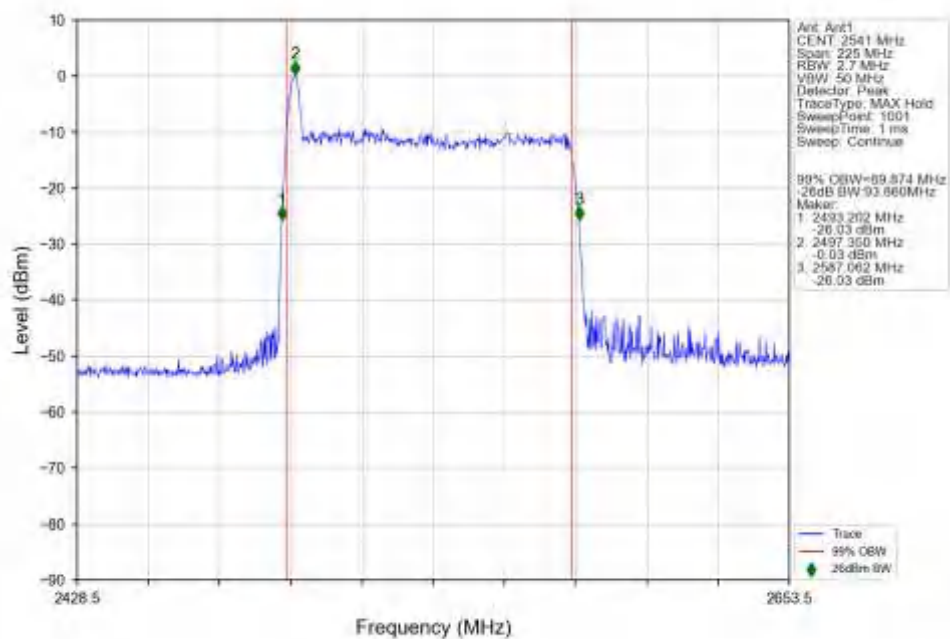
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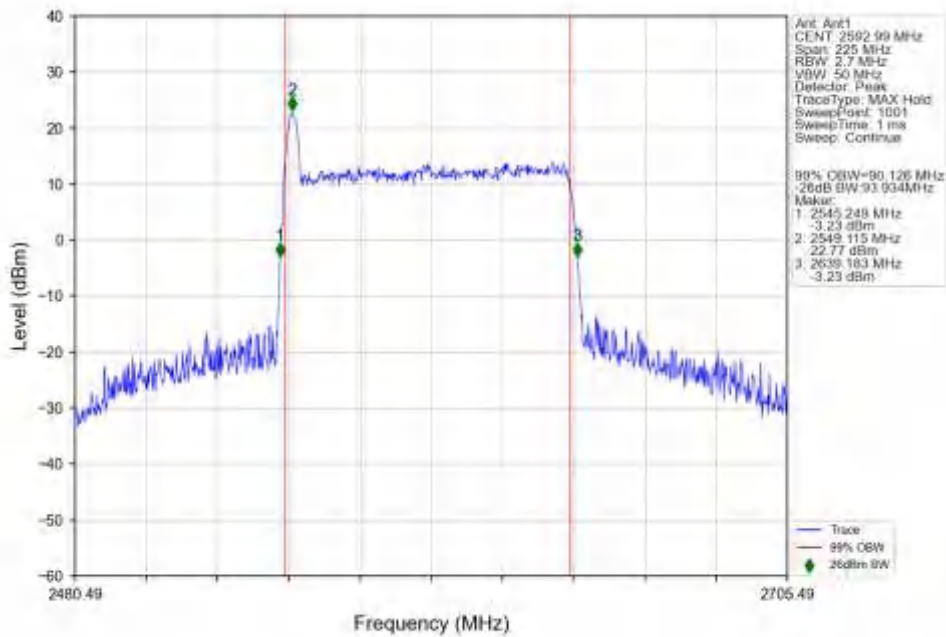
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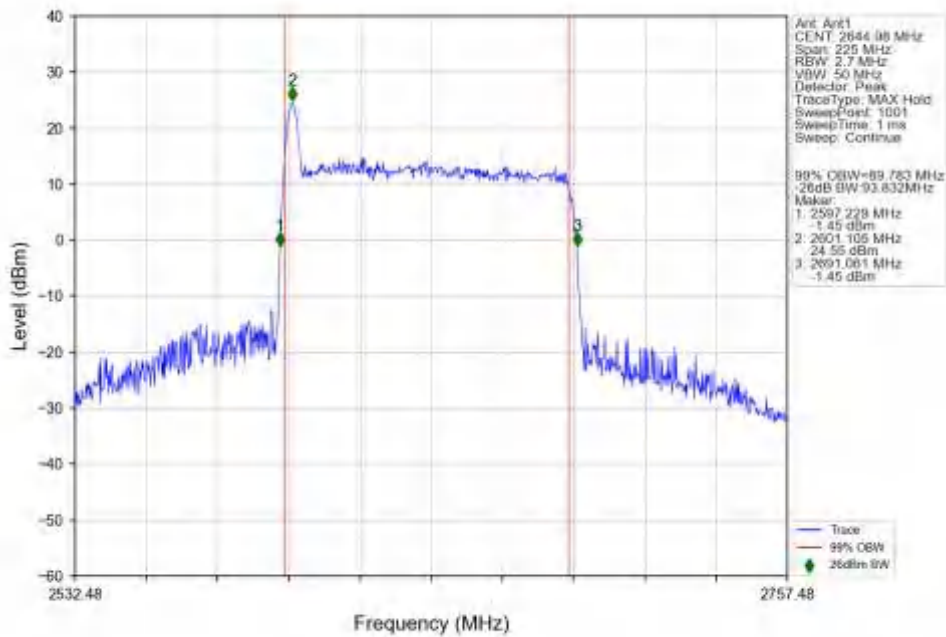
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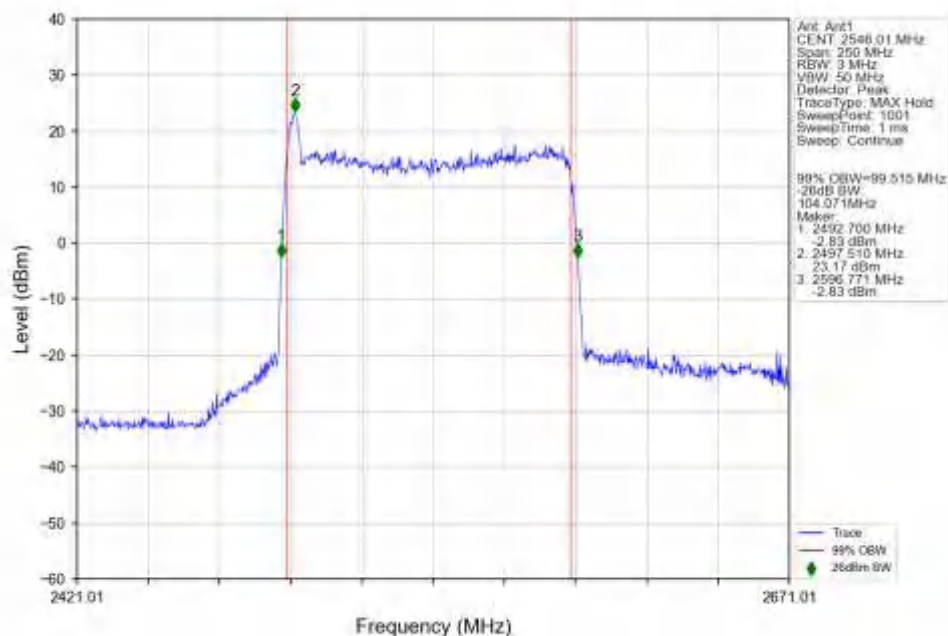


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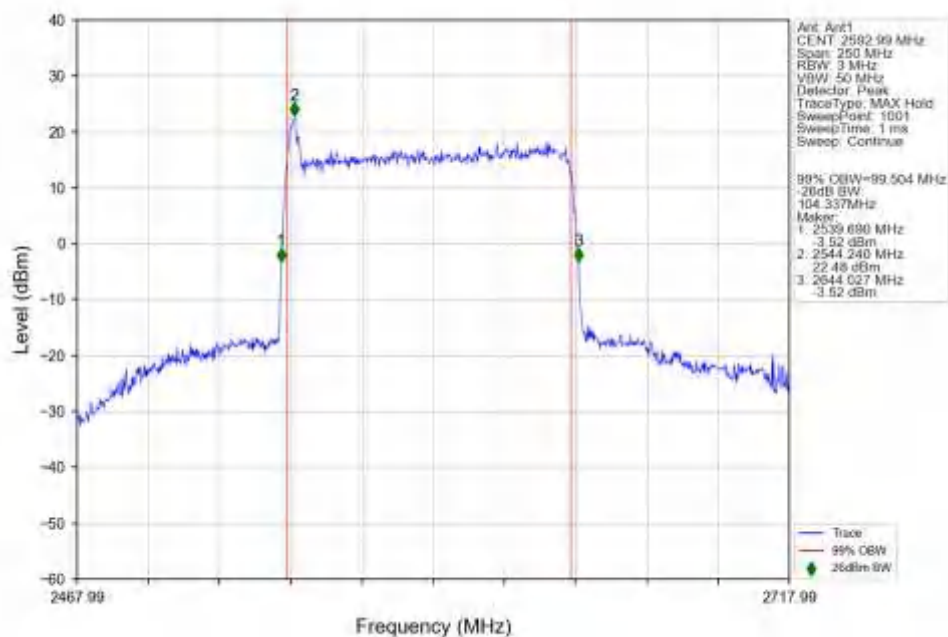


4.2.11 30k_SISO_100MHz_NTNV

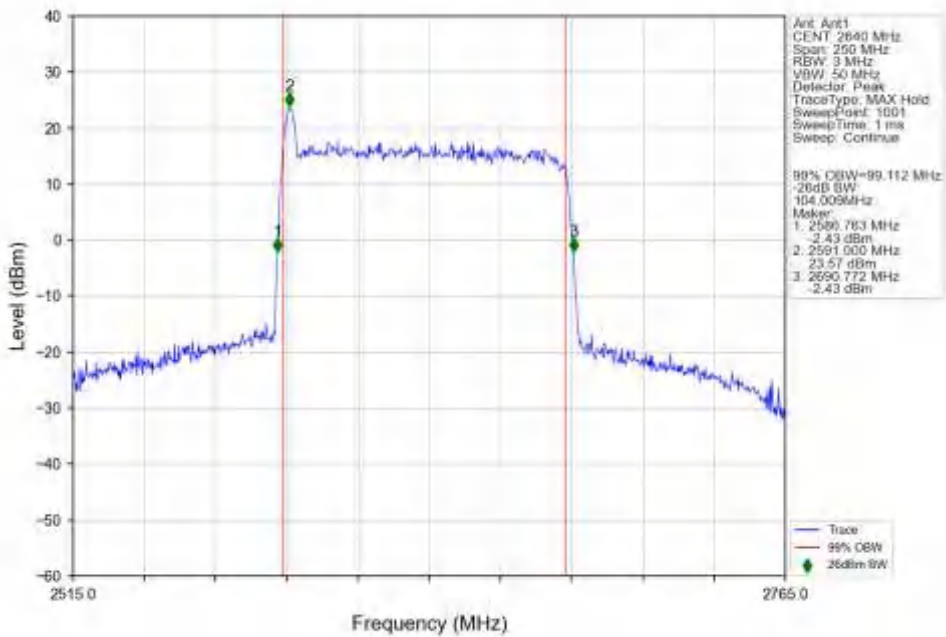
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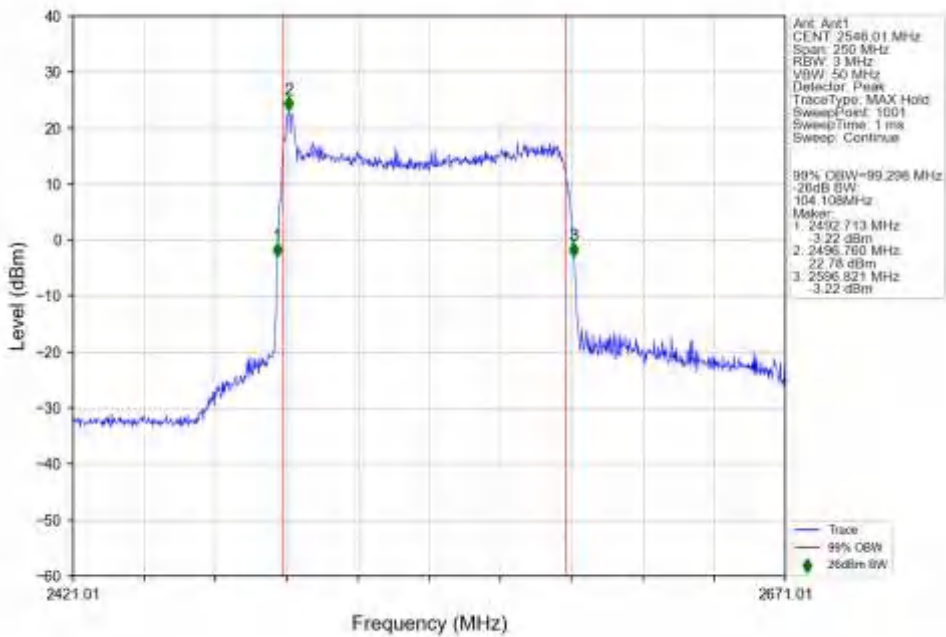
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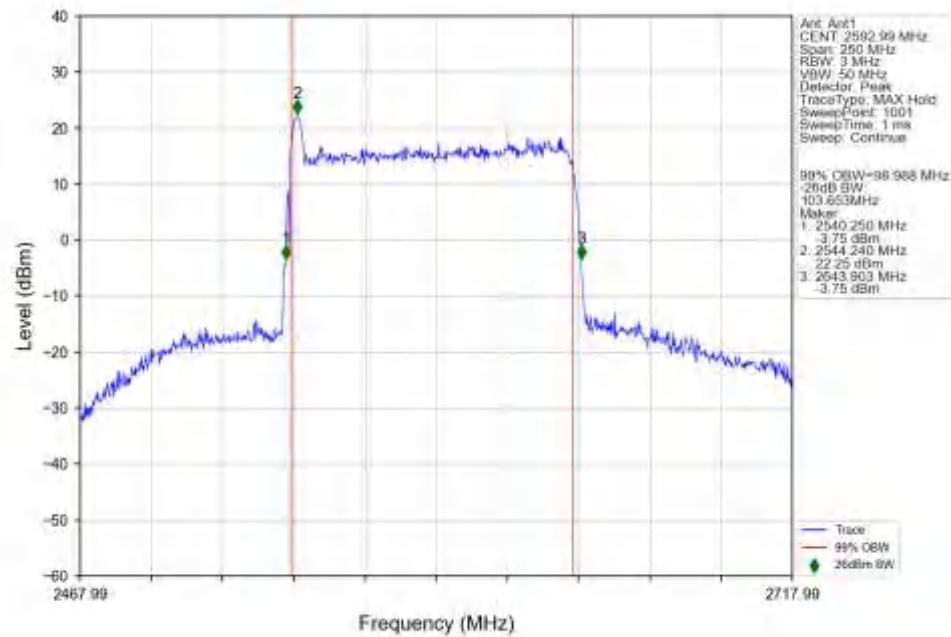
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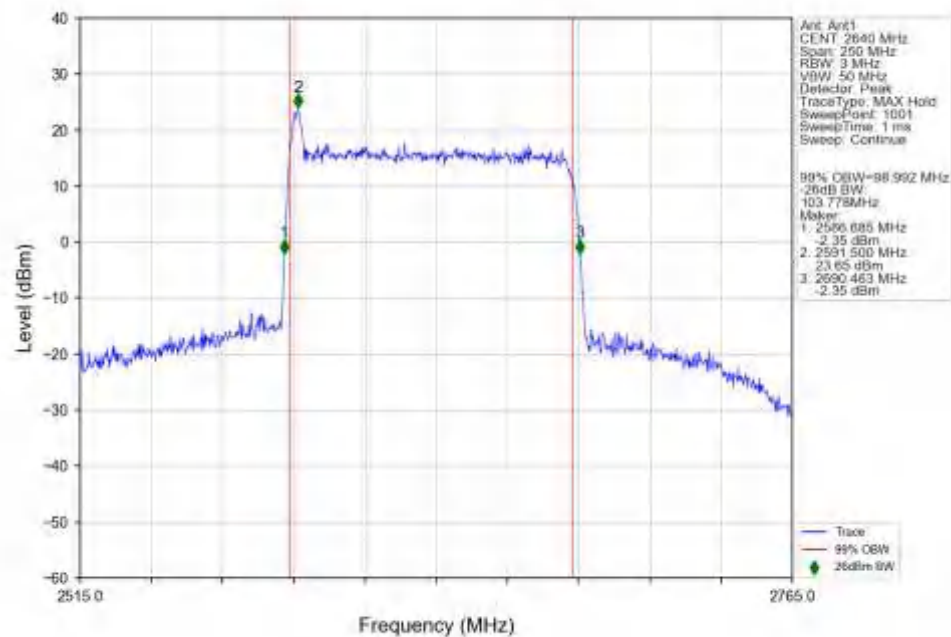
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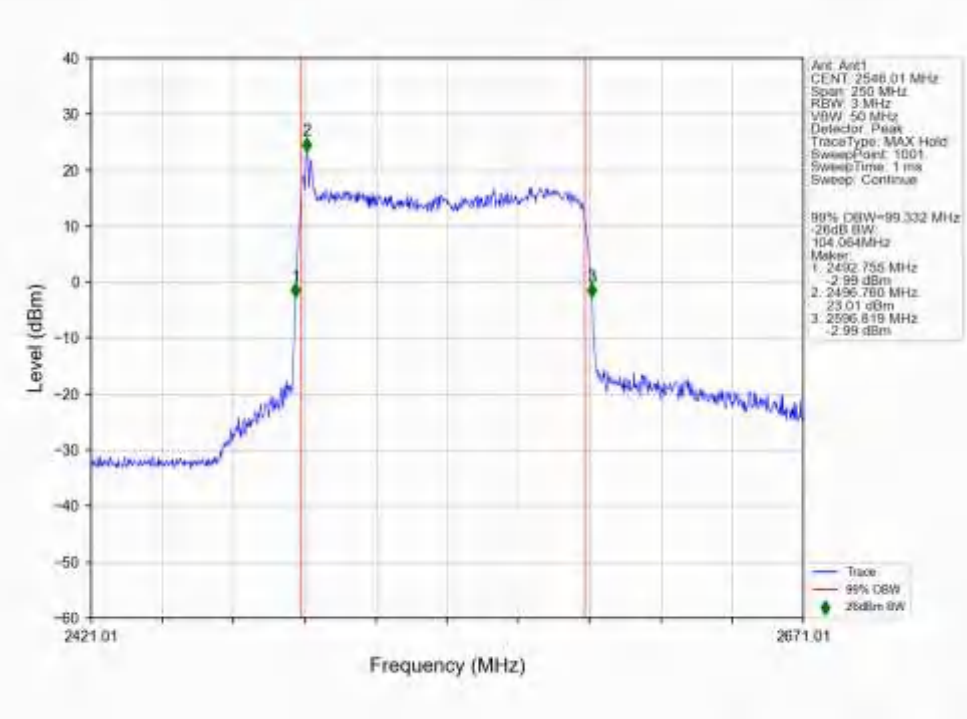
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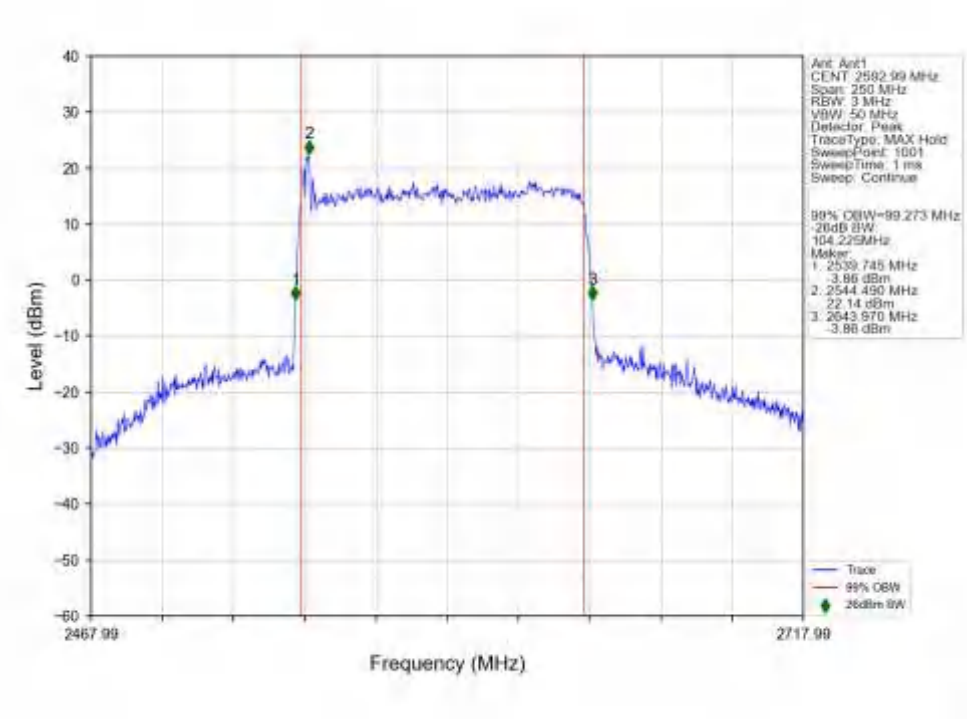
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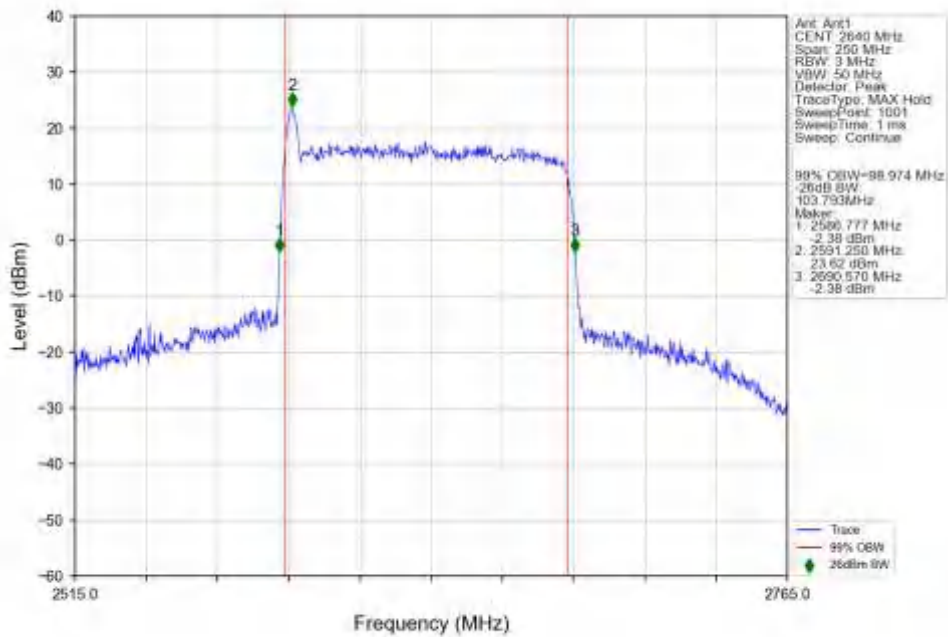
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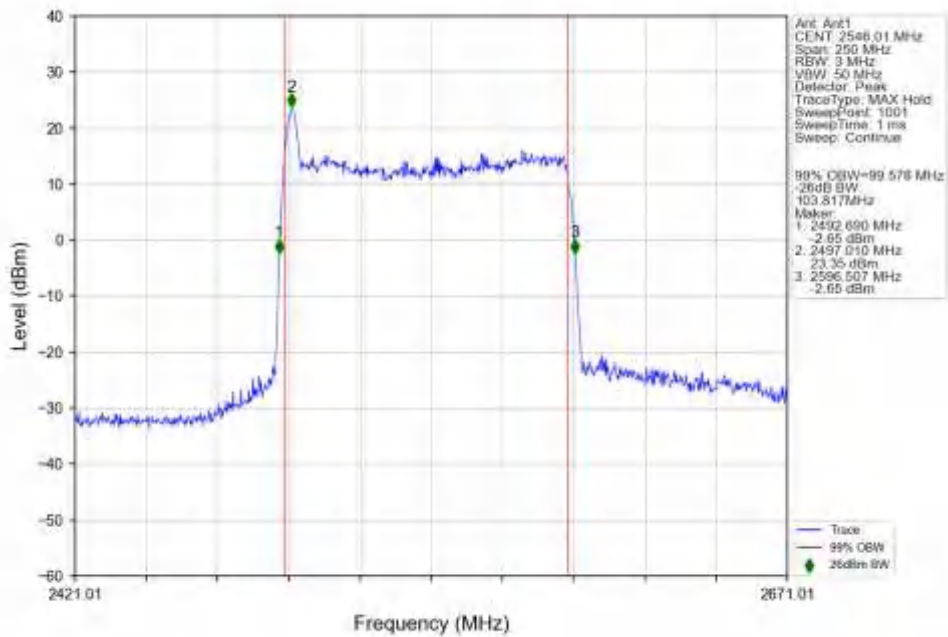
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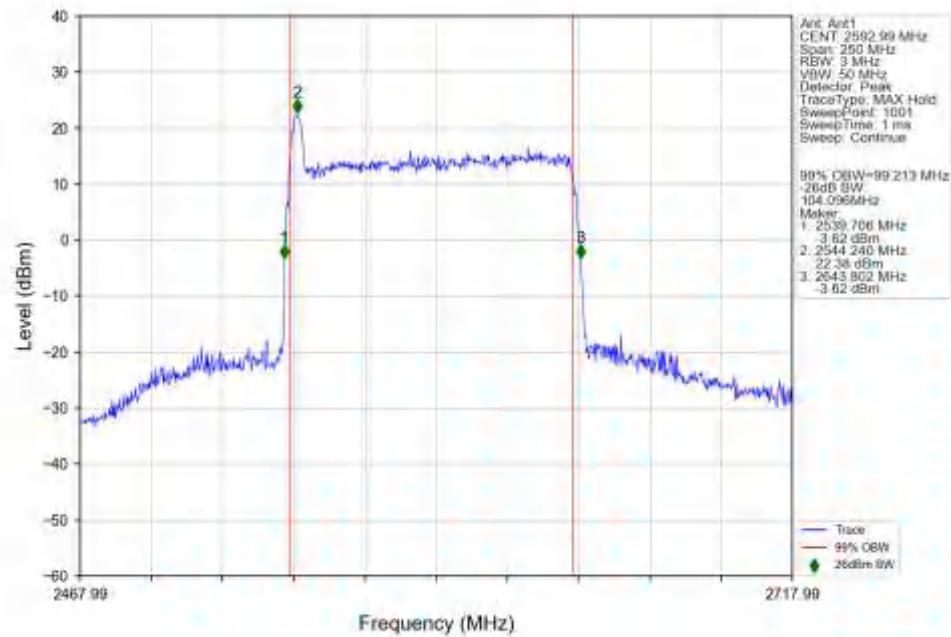
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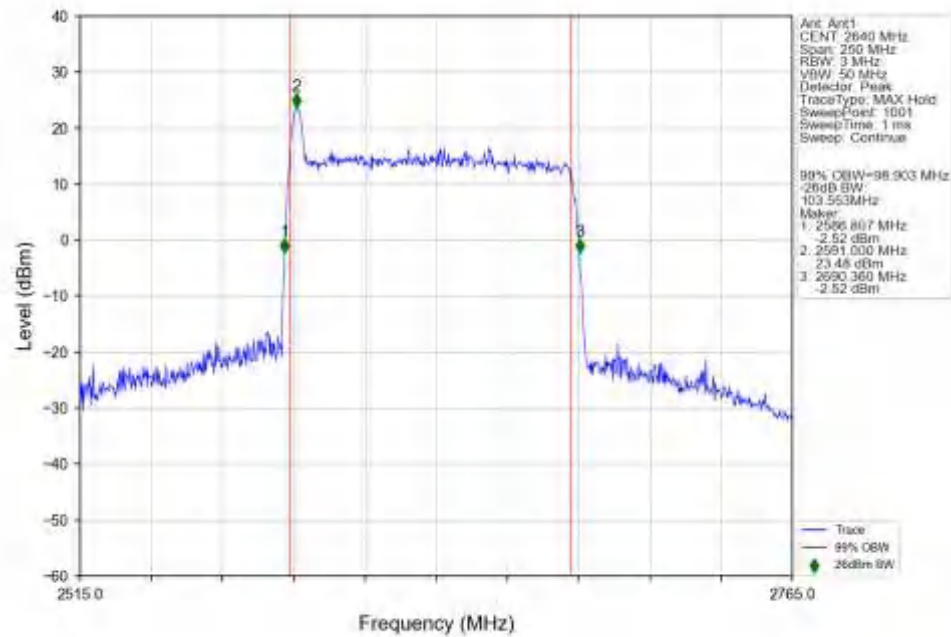
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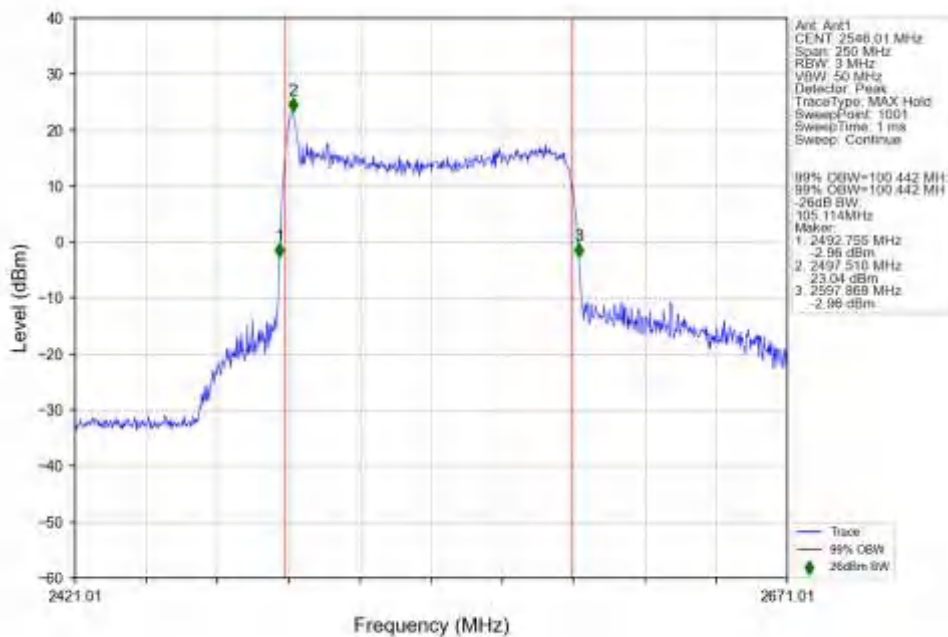
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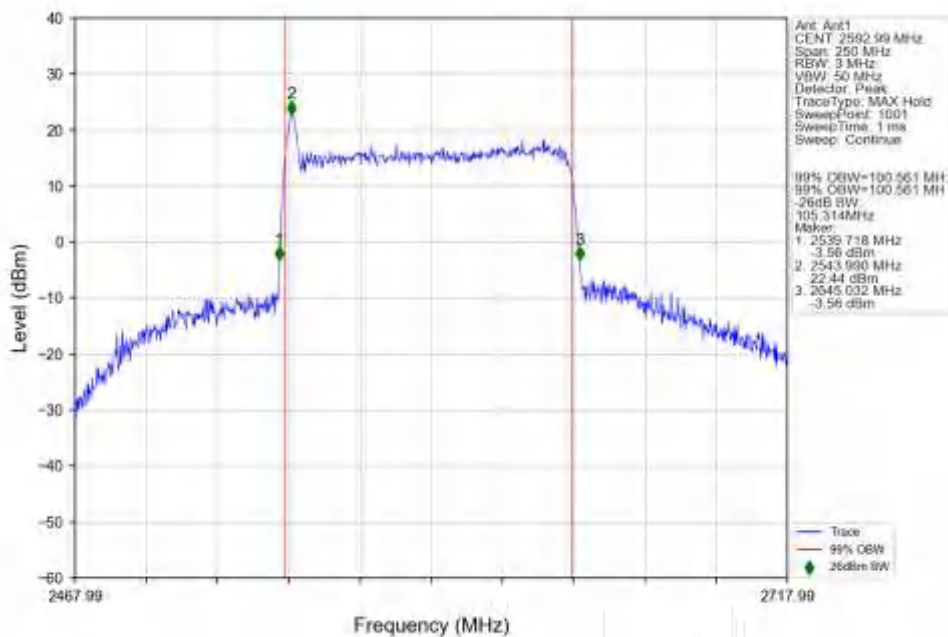
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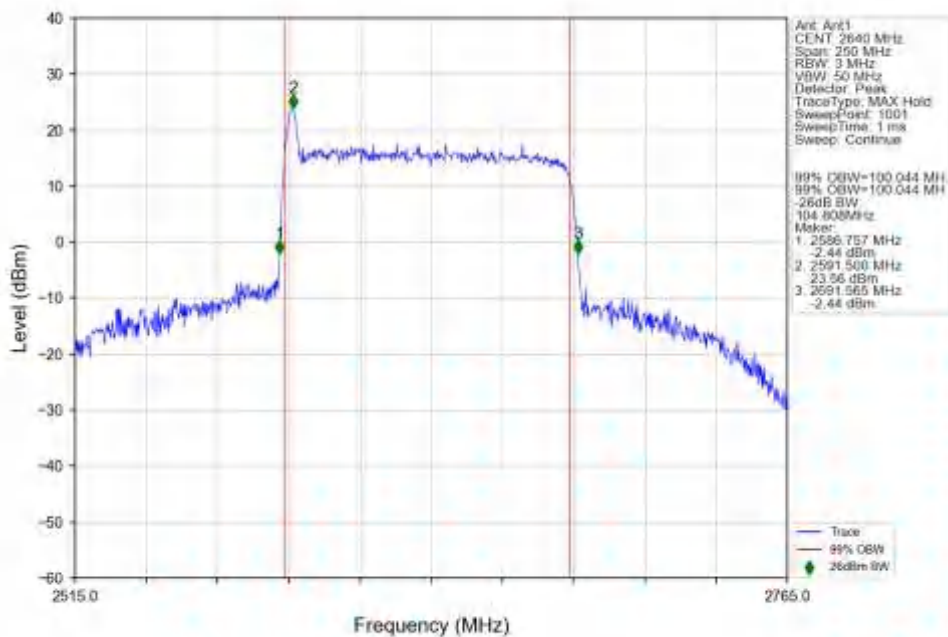
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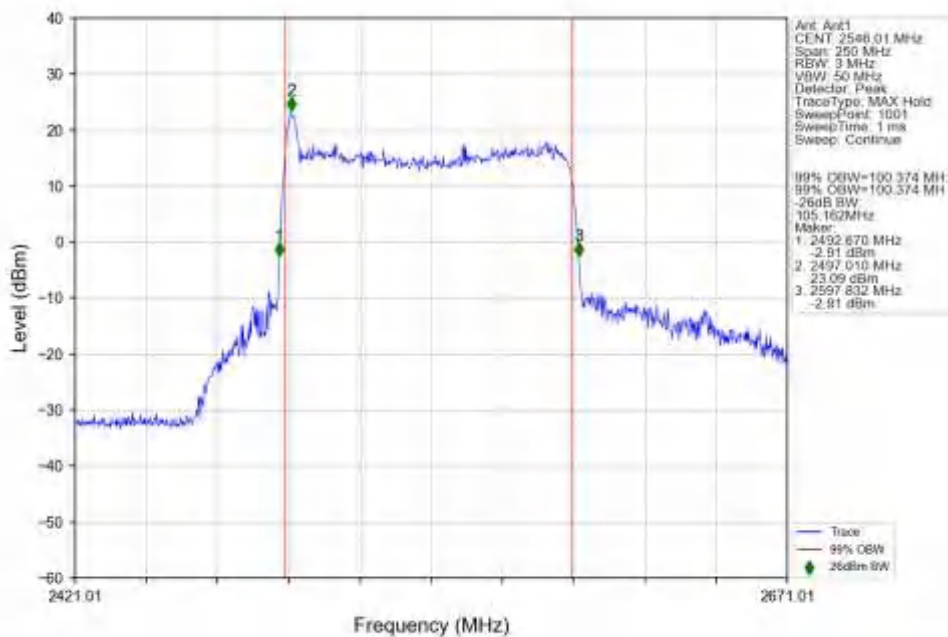
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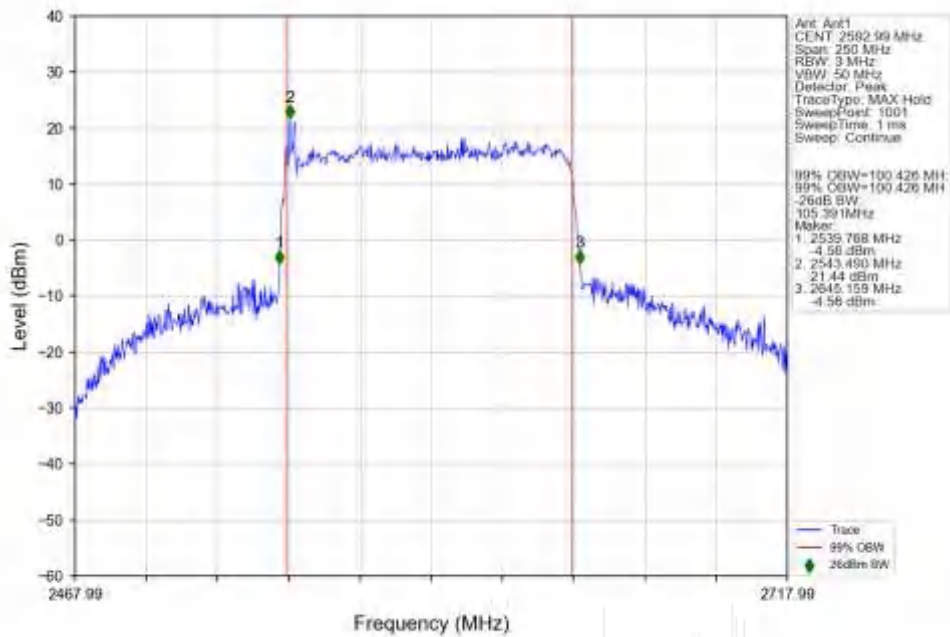
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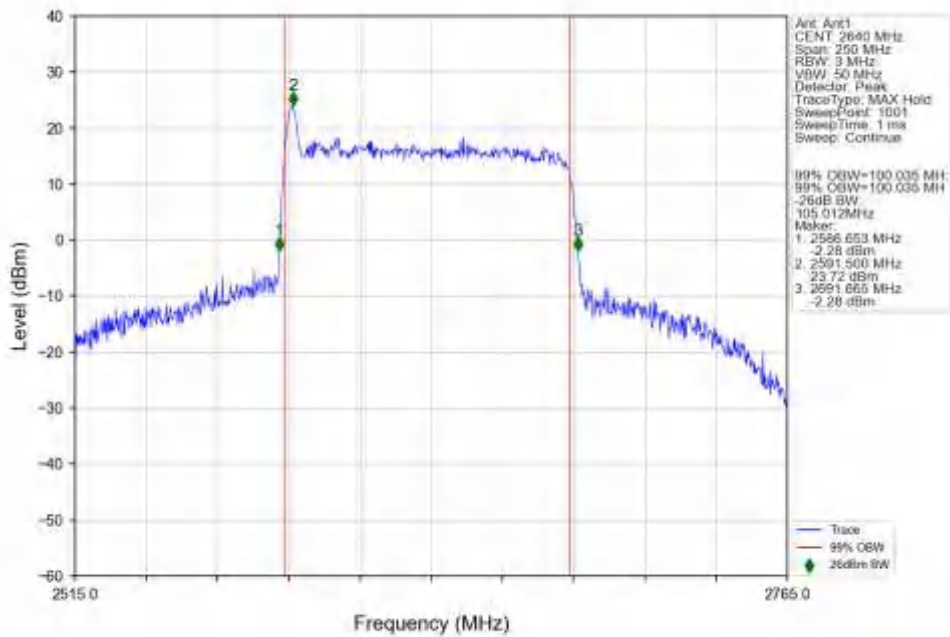
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_2546.01MHz_Outer_Full_Ant1



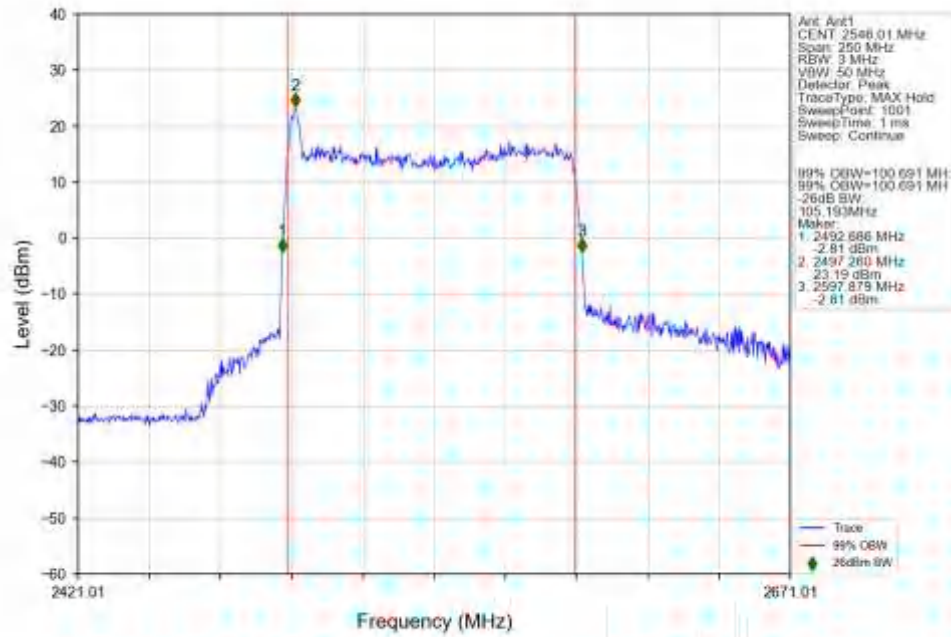
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant1



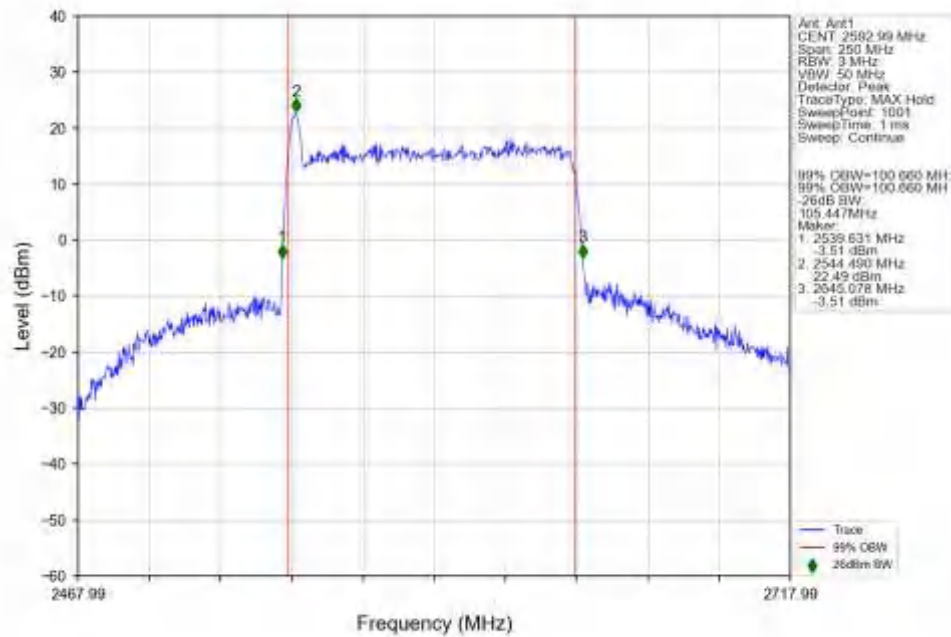
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_2640MHz_Outer_Full_Ant1



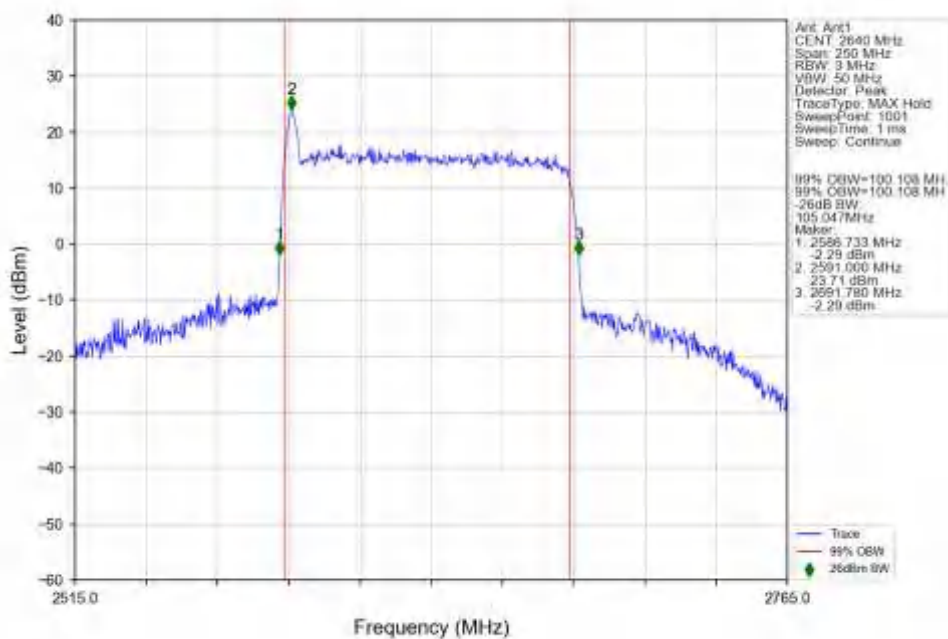
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_2546.01MHz_Outer_Full_Ant1



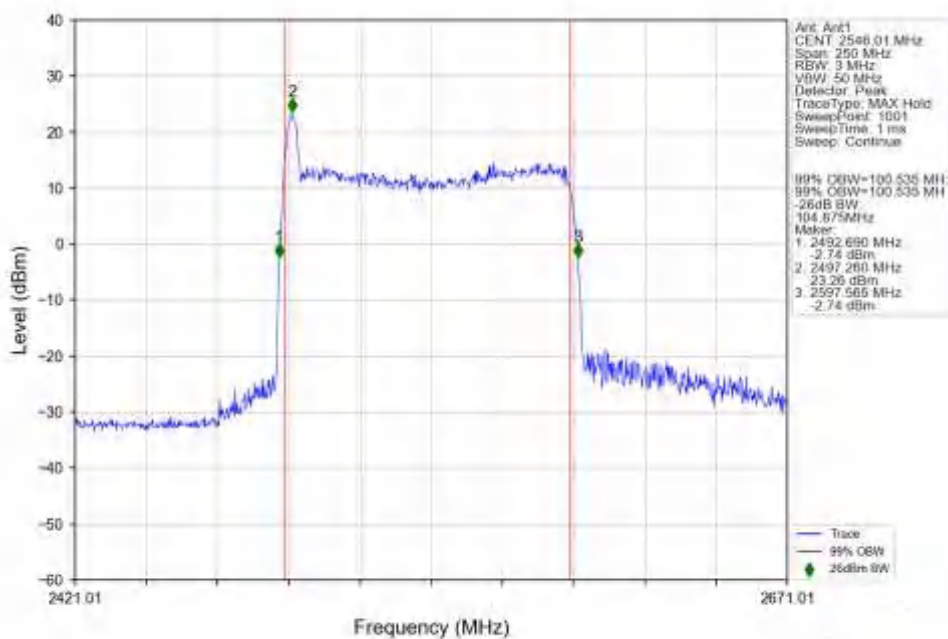
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant1



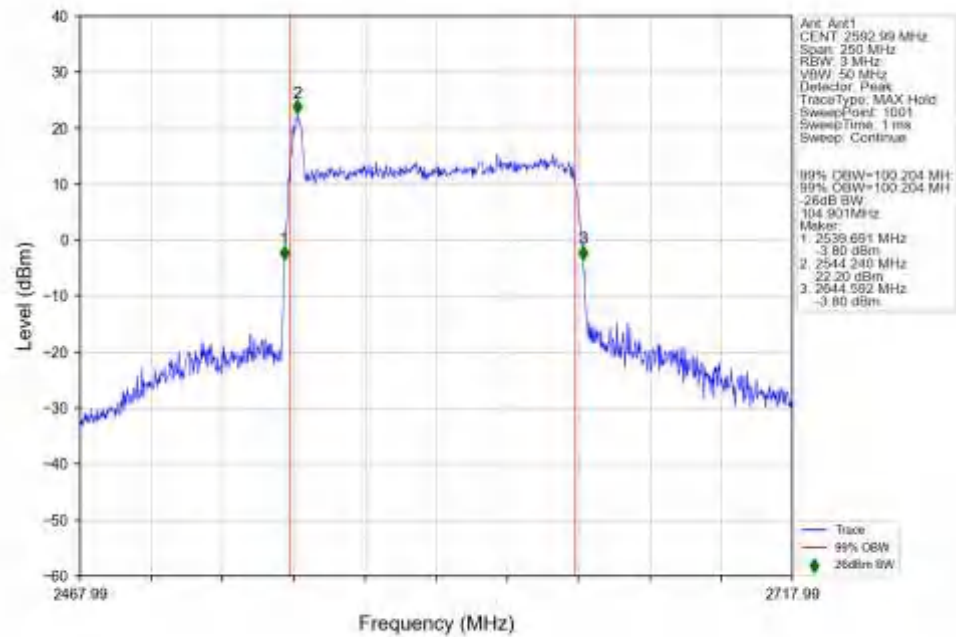
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_2640MHz_Outer_Full_Ant1



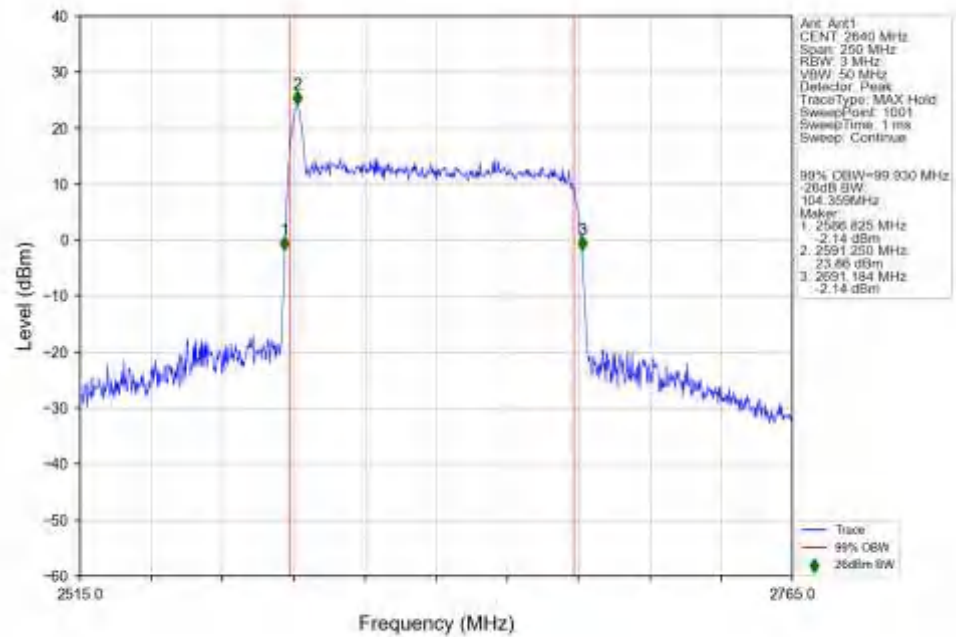
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_2546.01MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_2640MHz_Outer_Full_Ant1



5. Peak-Average Ratio

5. Peak-Average Ratio

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n41 SCS=30kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2501.01	Outer Full	5.70	/	/	<=13	Pass
	2592.99	Outer Full	5.48	/	/	<=13	Pass
	2685	Outer Full	5.79	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2501.01	Outer Full	6.31	/	/	<=13	Pass
	2592.99	Outer Full	5.86	/	/	<=13	Pass
	2685	Outer Full	6.20	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2501.01	Outer Full	6.40	/	/	<=13	Pass
	2592.99	Outer Full	5.91	/	/	<=13	Pass
	2685	Outer Full	6.28	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2501.01	Outer Full	6.72	/	/	<=13	Pass
	2592.99	Outer Full	6.36	/	/	<=13	Pass
	2685	Outer Full	6.56	/	/	<=13	Pass
CP-OFDM QPSK	2501.01	Outer Full	7.70	/	/	<=13	Pass
	2592.99	Outer Full	6.89	/	/	<=13	Pass
	2685	Outer Full	7.73	/	/	<=13	Pass
CP-OFDM 16 QAM	2501.01	Outer Full	7.57	/	/	<=13	Pass
	2592.99	Outer Full	6.79	/	/	<=13	Pass
	2685	Outer Full	7.56	/	/	<=13	Pass
CP-OFDM 64 QAM	2501.01	Outer Full	7.87	/	/	<=13	Pass
	2592.99	Outer Full	6.96	/	/	<=13	Pass
	2685	Outer Full	7.85	/	/	<=13	Pass
CP-OFDM 256 QAM	2501.01	Outer Full	8.10	/	/	<=13	Pass
	2592.99	Outer Full	7.60	/	/	<=13	Pass
	2685	Outer Full	8.00	/	/	<=13	Pass

5.1.2 30k_SISO_15MHz_NTNV

5G NR n41 SCS=30kHz SISO 15MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2503.5	Outer Full	5.79	/	/	<=13	Pass
	2592.99	Outer Full	5.37	/	/	<=13	Pass
	2682.48	Outer Full	5.68	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2503.5	Outer Full	6.18	/	/	<=13	Pass
	2592.99	Outer Full	5.69	/	/	<=13	Pass
	2682.48	Outer Full	6.01	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2503.5	Outer Full	6.21	/	/	<=13	Pass
	2592.99	Outer Full	5.71	/	/	<=13	Pass
	2682.48	Outer Full	6.05	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2503.5	Outer Full	6.39	/	/	<=13	Pass
	2592.99	Outer Full	6.02	/	/	<=13	Pass

	2682.48	Outer Full	6.25	/	/	<=13	Pass
CP-OFDM QPSK	2503.5	Outer Full	7.38	/	/	<=13	Pass
	2592.99	Outer Full	6.47	/	/	<=13	Pass
	2682.48	Outer Full	7.15	/	/	<=13	Pass
CP-OFDM 16 QAM	2503.5	Outer Full	7.54	/	/	<=13	Pass
	2592.99	Outer Full	6.52	/	/	<=13	Pass
	2682.48	Outer Full	7.22	/	/	<=13	Pass
CP-OFDM 64 QAM	2503.5	Outer Full	7.66	/	/	<=13	Pass
	2592.99	Outer Full	6.75	/	/	<=13	Pass
	2682.48	Outer Full	7.44	/	/	<=13	Pass
CP-OFDM 256 QAM	2503.5	Outer Full	8.08	/	/	<=13	Pass
	2592.99	Outer Full	7.56	/	/	<=13	Pass
	2682.48	Outer Full	7.87	/	/	<=13	Pass

5.1.3 30k_SISO_20MHz_NTNV

5G NR n41 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2506.02	Outer Full	5.73	/	/	<=13	Pass
	2592.99	Outer Full	5.40	/	/	<=13	Pass
	2679.99	Outer Full	5.58	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2506.02	Outer Full	6.40	/	/	<=13	Pass
	2592.99	Outer Full	5.87	/	/	<=13	Pass
	2679.99	Outer Full	6.20	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2506.02	Outer Full	6.39	/	/	<=13	Pass
	2592.99	Outer Full	5.81	/	/	<=13	Pass
	2679.99	Outer Full	6.14	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2506.02	Outer Full	6.42	/	/	<=13	Pass
	2592.99	Outer Full	6.10	/	/	<=13	Pass
	2679.99	Outer Full	6.23	/	/	<=13	Pass
CP-OFDM QPSK	2506.02	Outer Full	7.67	/	/	<=13	Pass
	2592.99	Outer Full	6.78	/	/	<=13	Pass
	2679.99	Outer Full	7.35	/	/	<=13	Pass
CP-OFDM 16 QAM	2506.02	Outer Full	7.74	/	/	<=13	Pass
	2592.99	Outer Full	6.73	/	/	<=13	Pass
	2679.99	Outer Full	7.38	/	/	<=13	Pass
CP-OFDM 64 QAM	2506.02	Outer Full	7.74	/	/	<=13	Pass
	2592.99	Outer Full	6.89	/	/	<=13	Pass
	2679.99	Outer Full	7.45	/	/	<=13	Pass
CP-OFDM 256 QAM	2506.02	Outer Full	8.33	/	/	<=13	Pass
	2592.99	Outer Full	7.71	/	/	<=13	Pass
	2679.99	Outer Full	8.04	/	/	<=13	Pass

5.1.4 30k_SISO_30MHz_NTNV

5G NR n41 SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2511	Outer Full	5.83	/	/	<=13	Pass
	2592.99	Outer Full	5.59	/	/	<=13	Pass
	2674.98	Outer Full	5.69	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2511	Outer Full	6.42	/	/	<=13	Pass
	2592.99	Outer Full	6.00	/	/	<=13	Pass
	2674.98	Outer Full	6.16	/	/	<=13	Pass

DFT-s-OFDM 64 QAM	2511	Outer Full	6.54	/	/	<=13	Pass
	2592.99	Outer Full	6.17	/	/	<=13	Pass
	2674.98	Outer Full	6.37	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2511	Outer Full	6.65	/	/	<=13	Pass
	2592.99	Outer Full	6.37	/	/	<=13	Pass
	2674.98	Outer Full	6.50	/	/	<=13	Pass
CP-OFDM QPSK	2511	Outer Full	7.89	/	/	<=13	Pass
	2592.99	Outer Full	7.30	/	/	<=13	Pass
	2674.98	Outer Full	7.54	/	/	<=13	Pass
CP-OFDM 16 QAM	2511	Outer Full	8.01	/	/	<=13	Pass
	2592.99	Outer Full	7.37	/	/	<=13	Pass
	2674.98	Outer Full	7.67	/	/	<=13	Pass
CP-OFDM 64 QAM	2511	Outer Full	8.12	/	/	<=13	Pass
	2592.99	Outer Full	7.51	/	/	<=13	Pass
	2674.98	Outer Full	7.76	/	/	<=13	Pass
CP-OFDM 256 QAM	2511	Outer Full	8.11	/	/	<=13	Pass
	2592.99	Outer Full	7.77	/	/	<=13	Pass
	2674.98	Outer Full	7.88	/	/	<=13	Pass

5.1.5 30k_SISO_40MHz_NTNV

5G NR n41 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2516.01	Outer Full	6.54	/	/	<=13	Pass
	2592.99	Outer Full	6.53	/	/	<=13	Pass
	2670	Outer Full	6.50	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer Full	7.15	/	/	<=13	Pass
	2592.99	Outer Full	7.06	/	/	<=13	Pass
	2670	Outer Full	7.08	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer Full	7.41	/	/	<=13	Pass
	2592.99	Outer Full	7.29	/	/	<=13	Pass
	2670	Outer Full	7.33	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer Full	7.45	/	/	<=13	Pass
	2592.99	Outer Full	7.38	/	/	<=13	Pass
	2670	Outer Full	7.38	/	/	<=13	Pass
CP-OFDM QPSK	2516.01	Outer Full	8.37	/	/	<=13	Pass
	2592.99	Outer Full	8.01	/	/	<=13	Pass
	2670	Outer Full	8.11	/	/	<=13	Pass
CP-OFDM 16 QAM	2516.01	Outer Full	8.50	/	/	<=13	Pass
	2592.99	Outer Full	8.20	/	/	<=13	Pass
	2670	Outer Full	8.25	/	/	<=13	Pass
CP-OFDM 64 QAM	2516.01	Outer Full	8.39	/	/	<=13	Pass
	2592.99	Outer Full	8.06	/	/	<=13	Pass
	2670	Outer Full	8.17	/	/	<=13	Pass
CP-OFDM 256 QAM	2516.01	Outer Full	8.60	/	/	<=13	Pass
	2592.99	Outer Full	8.36	/	/	<=13	Pass
	2670	Outer Full	8.46	/	/	<=13	Pass

5.1.6 30k_SISO_50MHz_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2521.02	Outer Full	7.08	/	/	<=13	Pass

DFT-s-OFDM 16 QAM	2592.99	Outer Full	7.13	/	/	<=13	Pass
	2664.99	Outer Full	7.10	/	/	<=13	Pass
	2521.02	Outer Full	7.55	/	/	<=13	Pass
	2592.99	Outer Full	7.54	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2664.99	Outer Full	7.47	/	/	<=13	Pass
	2521.02	Outer Full	7.48	/	/	<=13	Pass
	2592.99	Outer Full	7.56	/	/	<=13	Pass
	2664.99	Outer Full	7.53	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2521.02	Outer Full	7.43	/	/	<=13	Pass
	2592.99	Outer Full	7.50	/	/	<=13	Pass
	2664.99	Outer Full	7.46	/	/	<=13	Pass
	2521.02	Outer Full	8.50	/	/	<=13	Pass
CP-OFDM QPSK	2592.99	Outer Full	8.25	/	/	<=13	Pass
	2664.99	Outer Full	8.12	/	/	<=13	Pass
	2521.02	Outer Full	8.49	/	/	<=13	Pass
	2592.99	Outer Full	8.20	/	/	<=13	Pass
CP-OFDM 16 QAM	2664.99	Outer Full	8.21	/	/	<=13	Pass
	2521.02	Outer Full	8.43	/	/	<=13	Pass
	2592.99	Outer Full	8.24	/	/	<=13	Pass
	2664.99	Outer Full	8.37	/	/	<=13	Pass
CP-OFDM 64 QAM	2521.02	Outer Full	8.42	/	/	<=13	Pass
	2592.99	Outer Full	8.34	/	/	<=13	Pass
	2664.99	Outer Full	8.44	/	/	<=13	Pass
	2521.02	Outer Full	8.44	/	/	<=13	Pass

5.1.7 30k_SISO_60MHz_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2526	Outer Full	6.96	/	/	<=13	Pass
	2592.99	Outer Full	6.95	/	/	<=13	Pass
	2659.98	Outer Full	6.95	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2526	Outer Full	7.32	/	/	<=13	Pass
	2592.99	Outer Full	7.27	/	/	<=13	Pass
	2659.98	Outer Full	7.24	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2526	Outer Full	7.35	/	/	<=13	Pass
	2592.99	Outer Full	7.28	/	/	<=13	Pass
	2659.98	Outer Full	7.26	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2526	Outer Full	7.39	/	/	<=13	Pass
	2592.99	Outer Full	7.33	/	/	<=13	Pass
	2659.98	Outer Full	7.31	/	/	<=13	Pass
CP-OFDM QPSK	2526	Outer Full	8.33	/	/	<=13	Pass
	2592.99	Outer Full	8.05	/	/	<=13	Pass
	2659.98	Outer Full	7.99	/	/	<=13	Pass
CP-OFDM 16 QAM	2526	Outer Full	8.24	/	/	<=13	Pass
	2592.99	Outer Full	8.09	/	/	<=13	Pass
	2659.98	Outer Full	8.10	/	/	<=13	Pass
CP-OFDM 64 QAM	2526	Outer Full	8.34	/	/	<=13	Pass
	2592.99	Outer Full	8.11	/	/	<=13	Pass
	2659.98	Outer Full	8.13	/	/	<=13	Pass
CP-OFDM 256 QAM	2526	Outer Full	8.44	/	/	<=13	Pass
	2592.99	Outer Full	8.24	/	/	<=13	Pass
	2659.98	Outer Full	8.29	/	/	<=13	Pass

5.1.8 30k_SISO_70MHz_NTNV

5G NR n41 SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2531.01	Outer Full	7.10	/	/	<=13	Pass
	2592.99	Outer Full	7.08	/	/	<=13	Pass
	2655	Outer Full	7.02	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2531.01	Outer Full	7.58	/	/	<=13	Pass
	2592.99	Outer Full	7.55	/	/	<=13	Pass
	2655	Outer Full	7.47	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2531.01	Outer Full	7.46	/	/	<=13	Pass
	2592.99	Outer Full	7.41	/	/	<=13	Pass
	2655	Outer Full	7.36	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2531.01	Outer Full	7.56	/	/	<=13	Pass
	2592.99	Outer Full	7.48	/	/	<=13	Pass
	2655	Outer Full	7.45	/	/	<=13	Pass
CP-OFDM QPSK	2531.01	Outer Full	8.18	/	/	<=13	Pass
	2592.99	Outer Full	8.06	/	/	<=13	Pass
	2655	Outer Full	8.02	/	/	<=13	Pass
CP-OFDM 16 QAM	2531.01	Outer Full	8.30	/	/	<=13	Pass
	2592.99	Outer Full	8.06	/	/	<=13	Pass
	2655	Outer Full	8.10	/	/	<=13	Pass
CP-OFDM 64 QAM	2531.01	Outer Full	8.19	/	/	<=13	Pass
	2592.99	Outer Full	7.99	/	/	<=13	Pass
	2655	Outer Full	8.04	/	/	<=13	Pass
CP-OFDM 256 QAM	2531.01	Outer Full	8.29	/	/	<=13	Pass
	2592.99	Outer Full	8.12	/	/	<=13	Pass
	2655	Outer Full	8.18	/	/	<=13	Pass

5.1.9 30k_SISO_80MHz NTN

5G NR n41 SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2536.02	Outer Full	7.25	/	/	<=13	Pass
	2592.99	Outer Full	7.21	/	/	<=13	Pass
	2649.99	Outer Full	7.16	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2536.02	Outer Full	7.60	/	/	<=13	Pass
	2592.99	Outer Full	7.53	/	/	<=13	Pass
	2649.99	Outer Full	7.46	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2536.02	Outer Full	7.63	/	/	<=13	Pass
	2592.99	Outer Full	7.56	/	/	<=13	Pass
	2649.99	Outer Full	7.56	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2536.02	Outer Full	7.55	/	/	<=13	Pass
	2592.99	Outer Full	7.52	/	/	<=13	Pass
	2649.99	Outer Full	7.48	/	/	<=13	Pass
CP-OFDM QPSK	2536.02	Outer Full	8.17	/	/	<=13	Pass
	2592.99	Outer Full	8.01	/	/	<=13	Pass
	2649.99	Outer Full	8.03	/	/	<=13	Pass
CP-OFDM 16 QAM	2536.02	Outer Full	8.28	/	/	<=13	Pass
	2592.99	Outer Full	8.05	/	/	<=13	Pass
	2649.99	Outer Full	8.09	/	/	<=13	Pass
CP-OFDM 64 QAM	2536.02	Outer Full	8.27	/	/	<=13	Pass
	2592.99	Outer Full	8.11	/	/	<=13	Pass
	2649.99	Outer Full	8.09	/	/	<=13	Pass
CP-OFDM 256 QAM	2536.02	Outer Full	8.24	/	/	<=13	Pass
	2592.99	Outer Full	8.09	/	/	<=13	Pass
	2649.99	Outer Full	8.11	/	/	<=13	Pass

5.1.10 30k_SISO_90MHz_NTNV

5G NR n41 SCS=30kHz SISO 90MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2541	Outer Full	7.38	/	/	<=13	Pass
	2592.99	Outer Full	7.34	/	/	<=13	Pass
	2644.98	Outer Full	7.39	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2541	Outer Full	7.63	/	/	<=13	Pass
	2592.99	Outer Full	7.55	/	/	<=13	Pass
	2644.98	Outer Full	7.53	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2541	Outer Full	7.73	/	/	<=13	Pass
	2592.99	Outer Full	7.64	/	/	<=13	Pass
	2644.98	Outer Full	7.60	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2541	Outer Full	7.74	/	/	<=13	Pass
	2592.99	Outer Full	7.72	/	/	<=13	Pass
	2644.98	Outer Full	7.66	/	/	<=13	Pass
CP-OFDM QPSK	2541	Outer Full	8.13	/	/	<=13	Pass
	2592.99	Outer Full	8.00	/	/	<=13	Pass
	2644.98	Outer Full	7.99	/	/	<=13	Pass
CP-OFDM 16 QAM	2541	Outer Full	8.18	/	/	<=13	Pass
	2592.99	Outer Full	7.99	/	/	<=13	Pass
	2644.98	Outer Full	8.05	/	/	<=13	Pass
CP-OFDM 64 QAM	2541	Outer Full	8.24	/	/	<=13	Pass
	2592.99	Outer Full	8.08	/	/	<=13	Pass
	2644.98	Outer Full	8.10	/	/	<=13	Pass
CP-OFDM 256 QAM	2541	Outer Full	8.26	/	/	<=13	Pass
	2592.99	Outer Full	8.18	/	/	<=13	Pass
	2644.98	Outer Full	8.15	/	/	<=13	Pass

5.1.11 30k_SISO_100MHz_NTNV

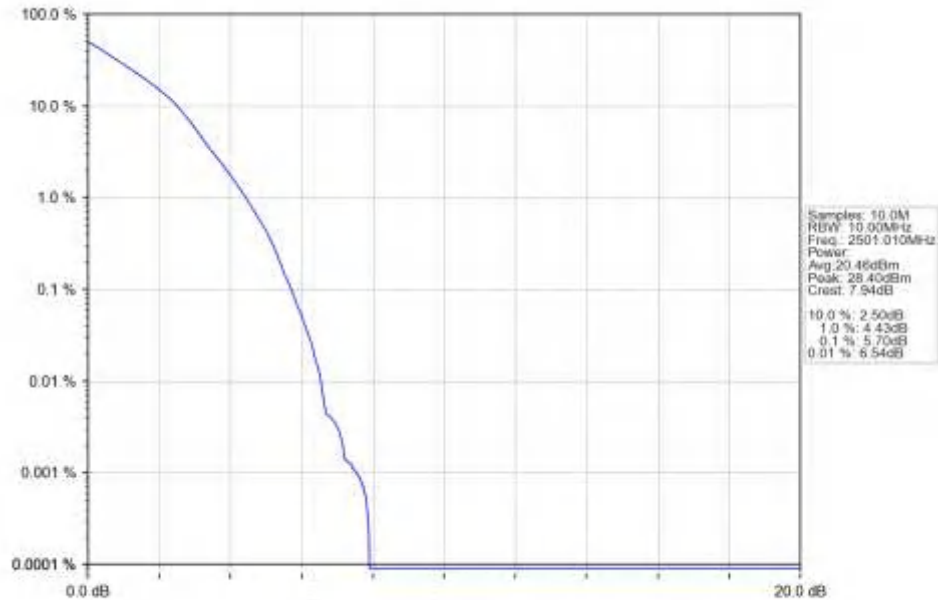
5G NR n41 SCS=30kHz SISO 100MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2546.01	Outer Full	7.54	/	/	<=13	Pass
	2592.99	Outer Full	7.50	/	/	<=13	Pass
	2640	Outer Full	7.41	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2546.01	Outer Full	7.67	/	/	<=13	Pass
	2592.99	Outer Full	7.65	/	/	<=13	Pass
	2640	Outer Full	7.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2546.01	Outer Full	7.72	/	/	<=13	Pass
	2592.99	Outer Full	7.65	/	/	<=13	Pass
	2640	Outer Full	7.67	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2546.01	Outer Full	7.95	/	/	<=13	Pass
	2592.99	Outer Full	7.91	/	/	<=13	Pass
	2640	Outer Full	7.88	/	/	<=13	Pass
CP-OFDM QPSK	2546.01	Outer Full	8.43	/	/	<=13	Pass
	2592.99	Outer Full	8.25	/	/	<=13	Pass
	2640	Outer Full	8.17	/	/	<=13	Pass
CP-OFDM 16 QAM	2546.01	Outer Full	8.50	/	/	<=13	Pass
	2592.99	Outer Full	8.33	/	/	<=13	Pass
	2640	Outer Full	8.47	/	/	<=13	Pass
CP-OFDM 64 QAM	2546.01	Outer Full	8.25	/	/	<=13	Pass

CP-OFDM 256 QAM	2592.99	Outer Full	8.16	/	/	<=13	Pass
	2640	Outer Full	8.14	/	/	<=13	Pass
	2546.01	Outer Full	8.10	/	/	<=13	Pass
	2592.99	Outer Full	8.07	/	/	<=13	Pass
	2640	Outer Full	8.04	/	/	<=13	Pass

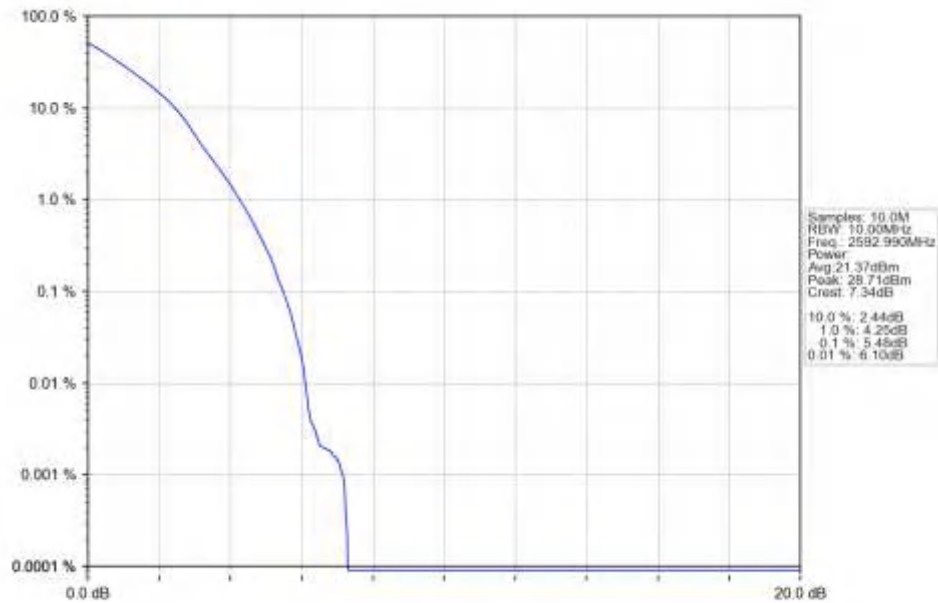
5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

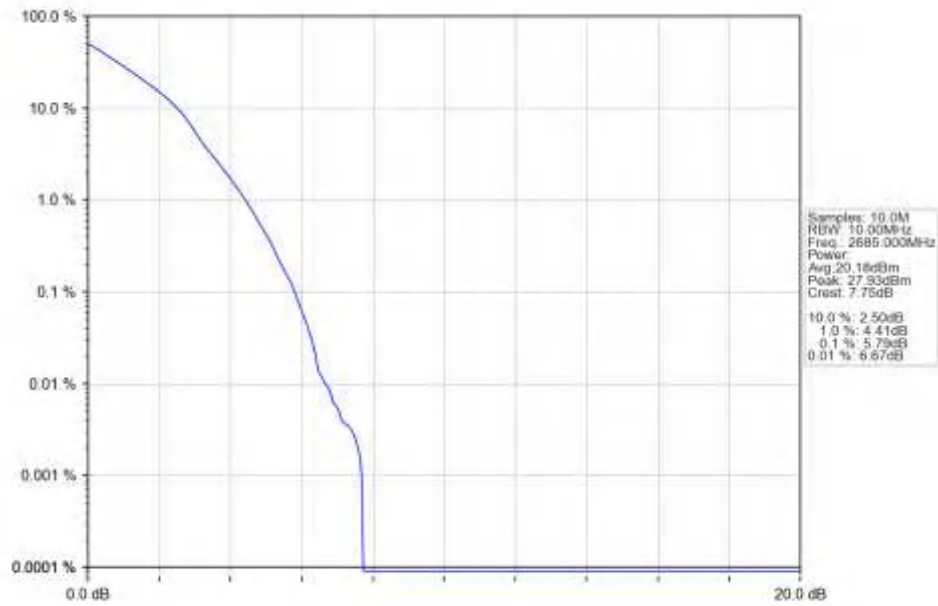
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2501.01MHz_Outer_Full_Ant1



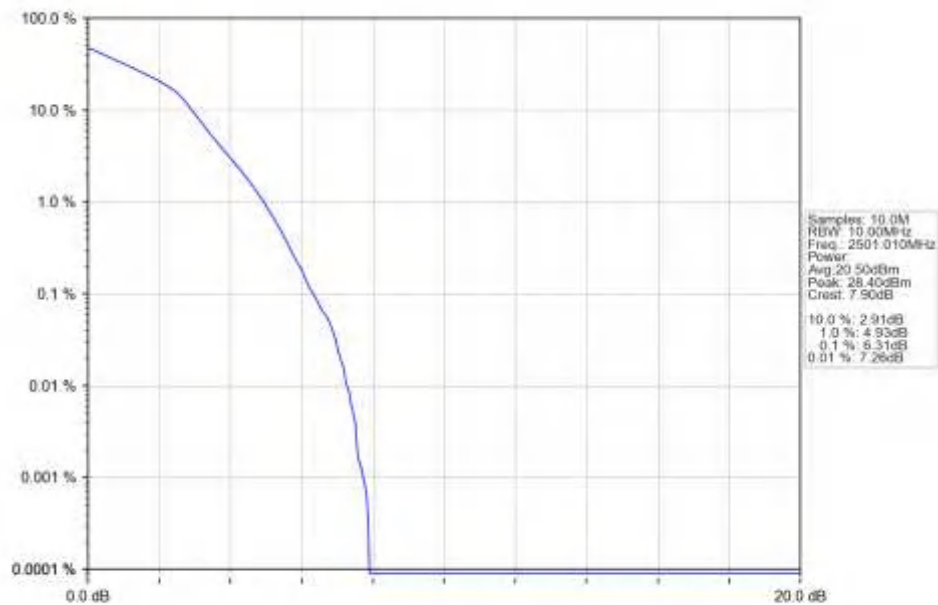
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2592.99MHz_Outer_Full_Ant1



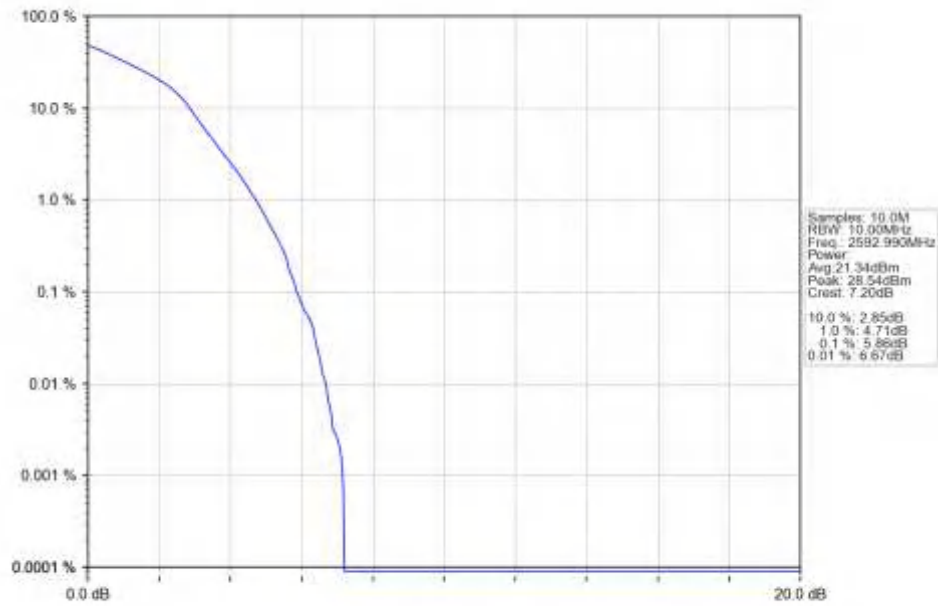
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2685MHz_Outer_Full_Ant1



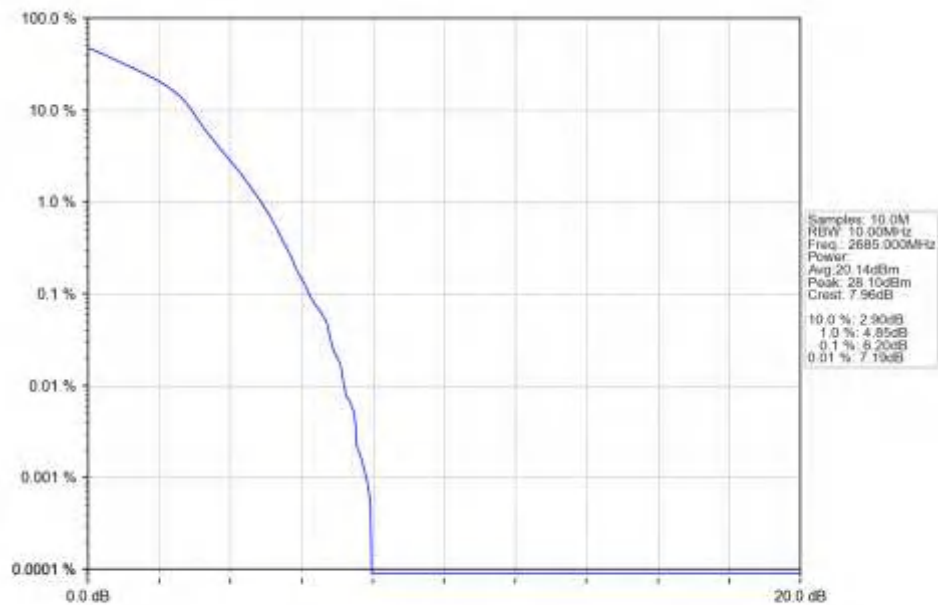
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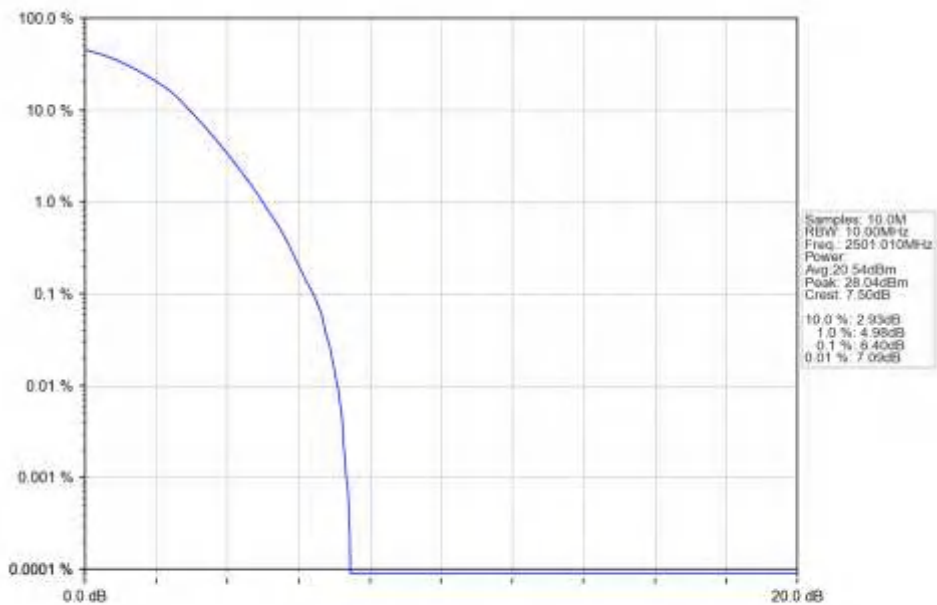
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant1



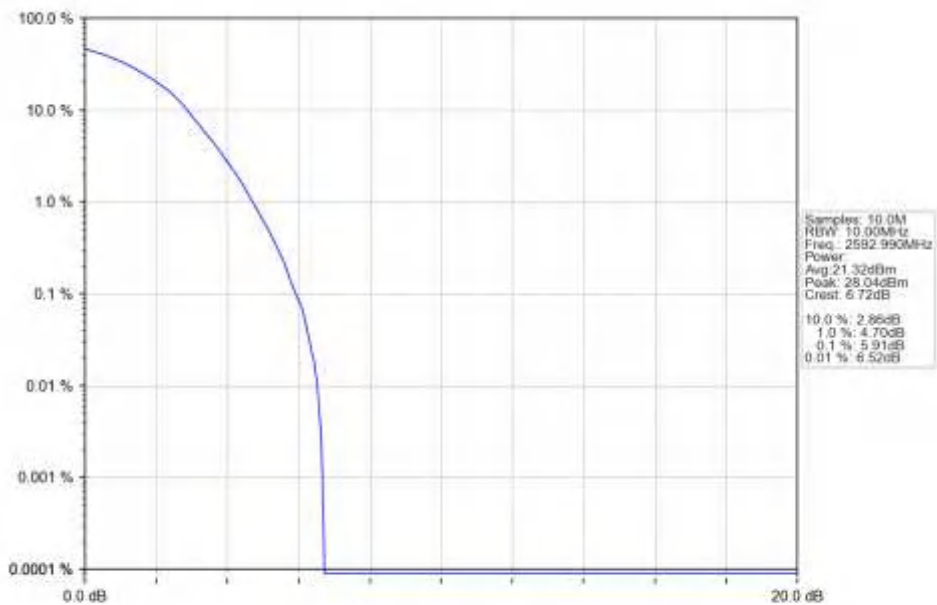
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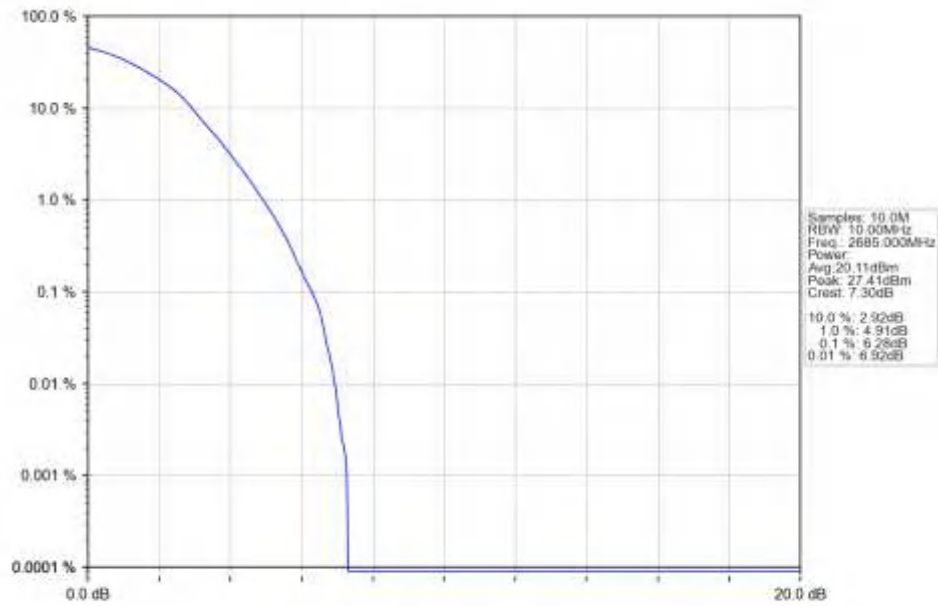
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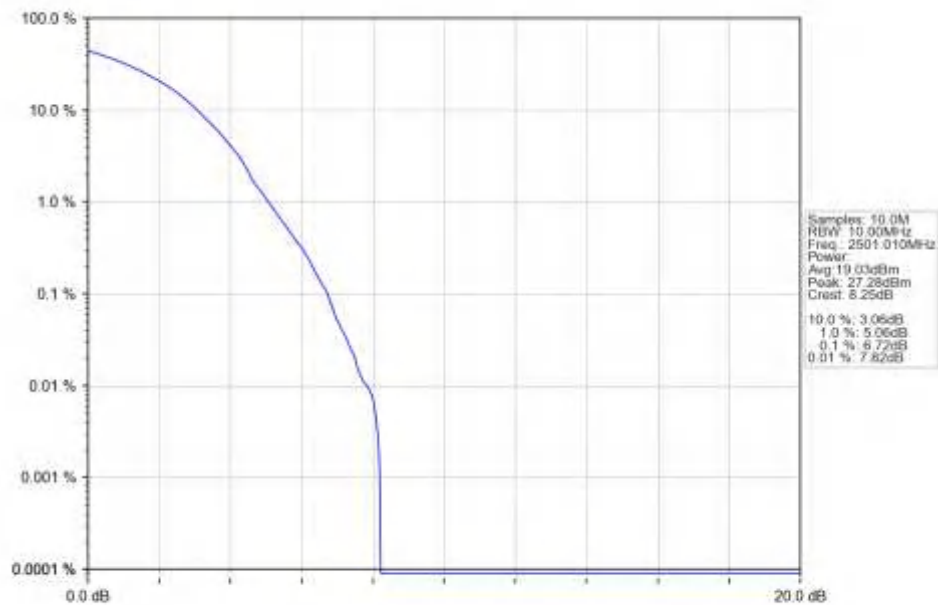
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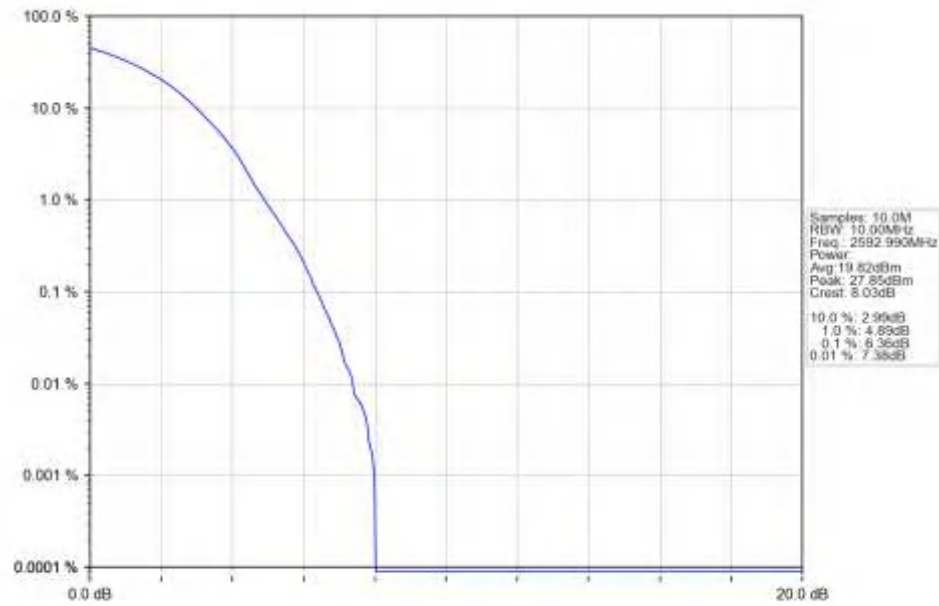
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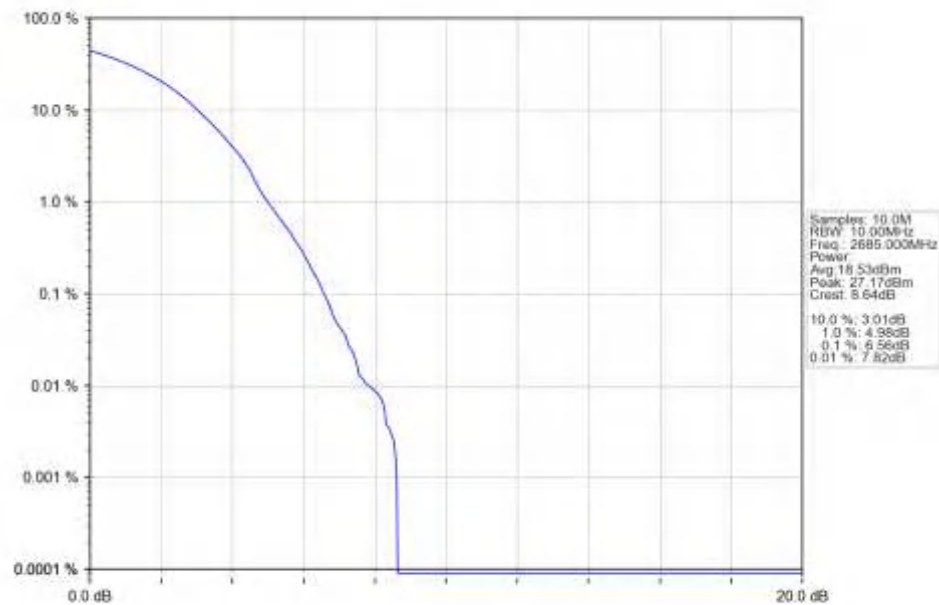
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2501.01MHz_Outer_Full_Ant1



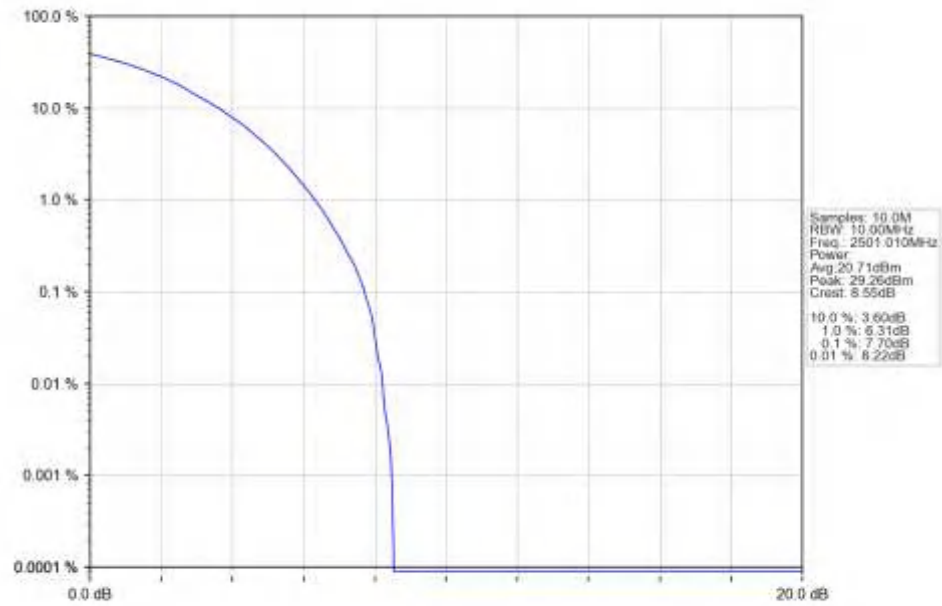
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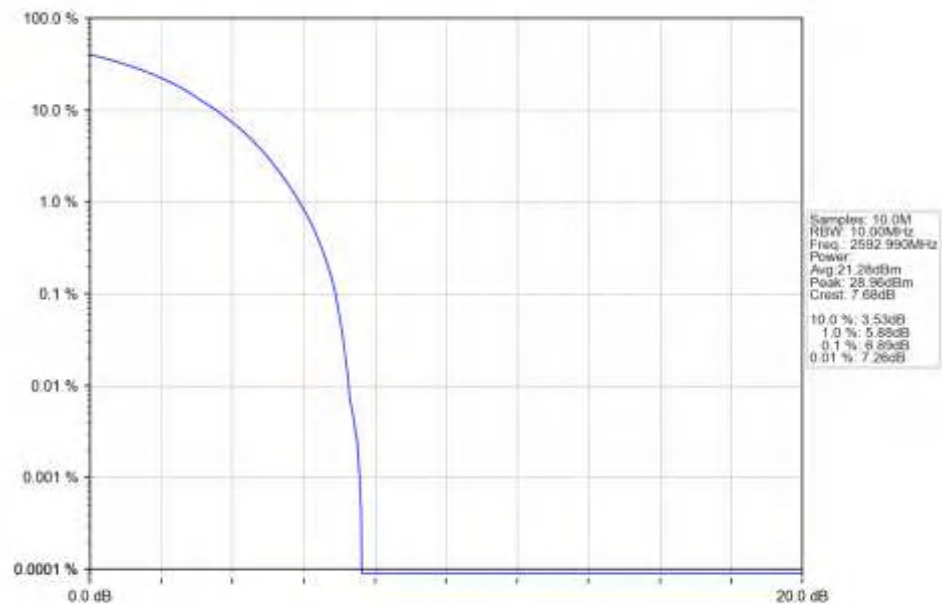
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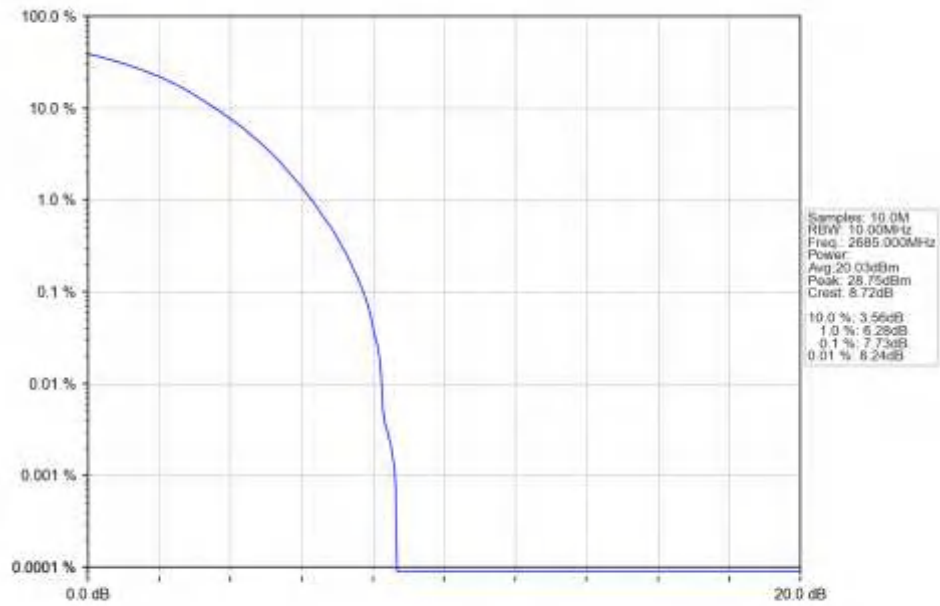
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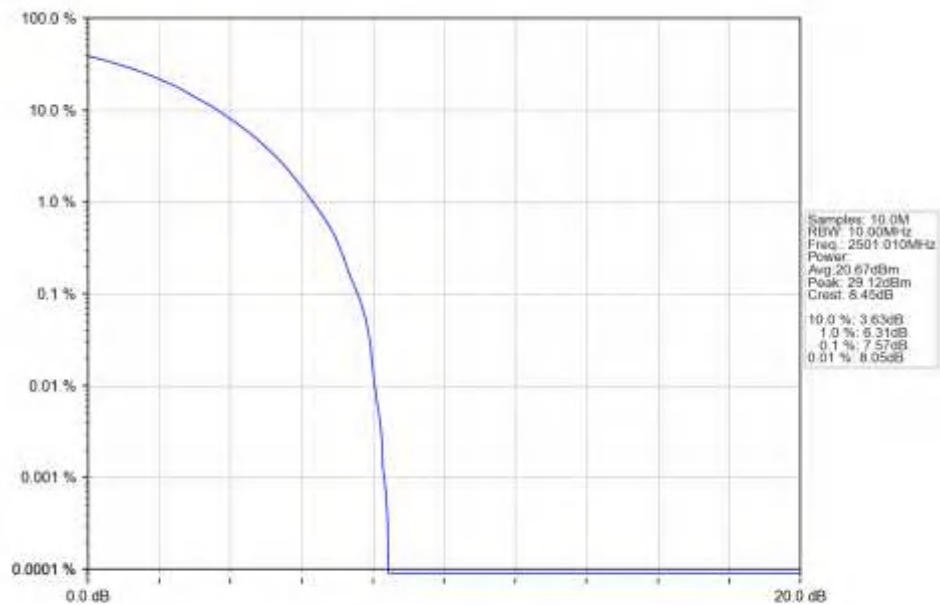
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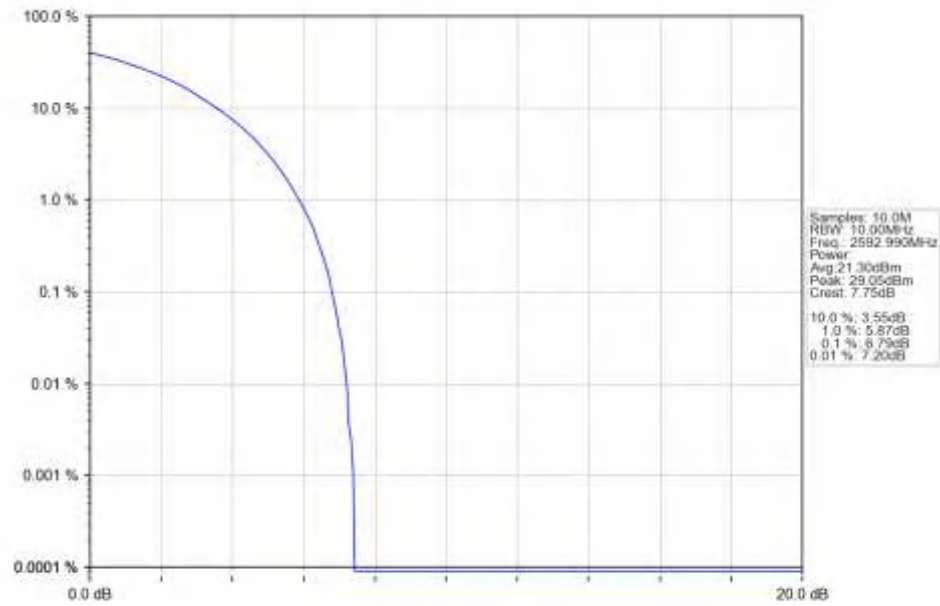
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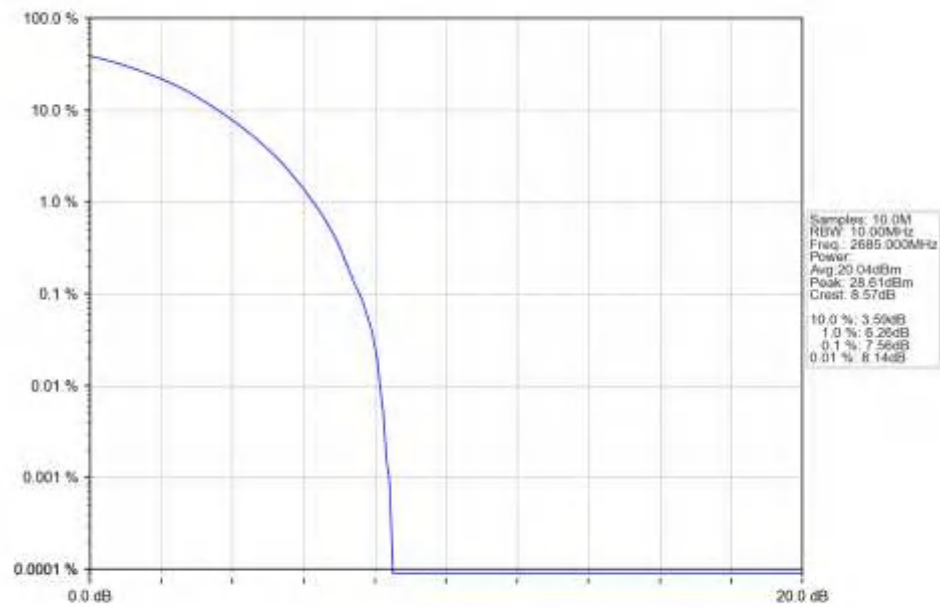
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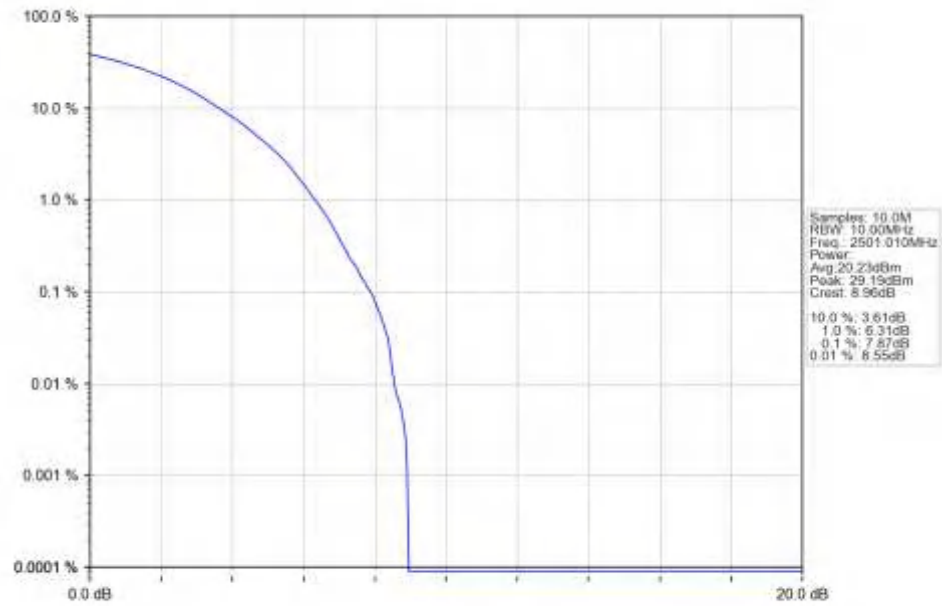
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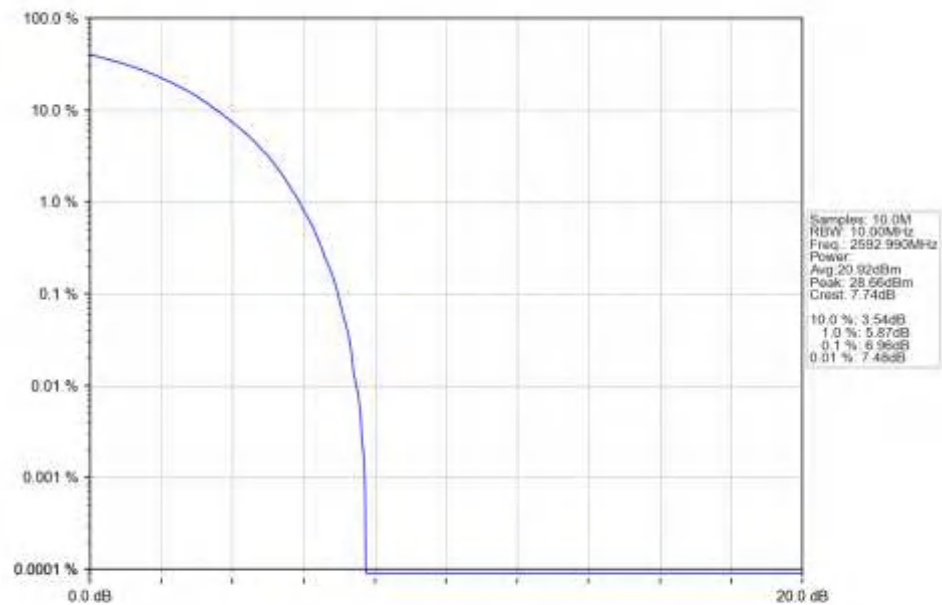
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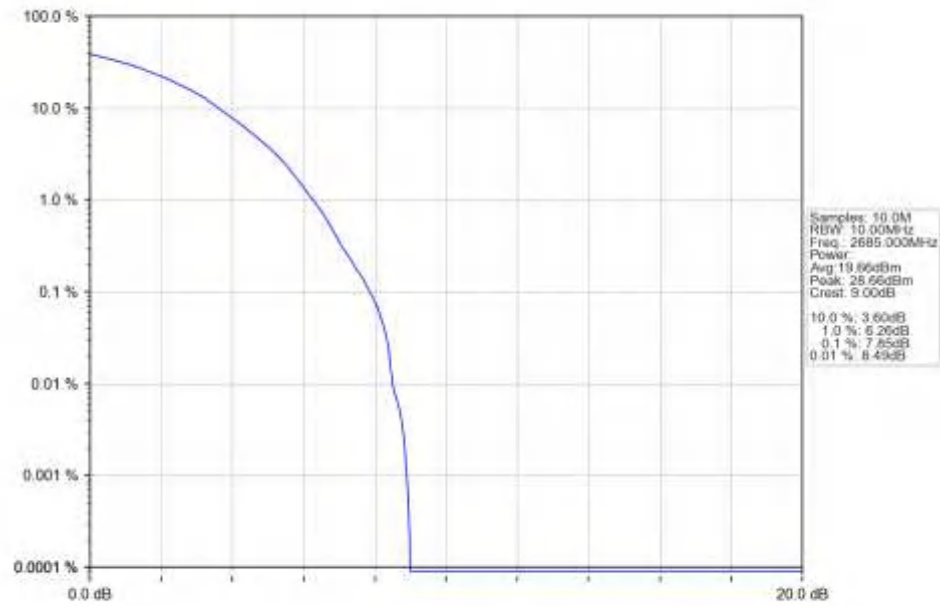
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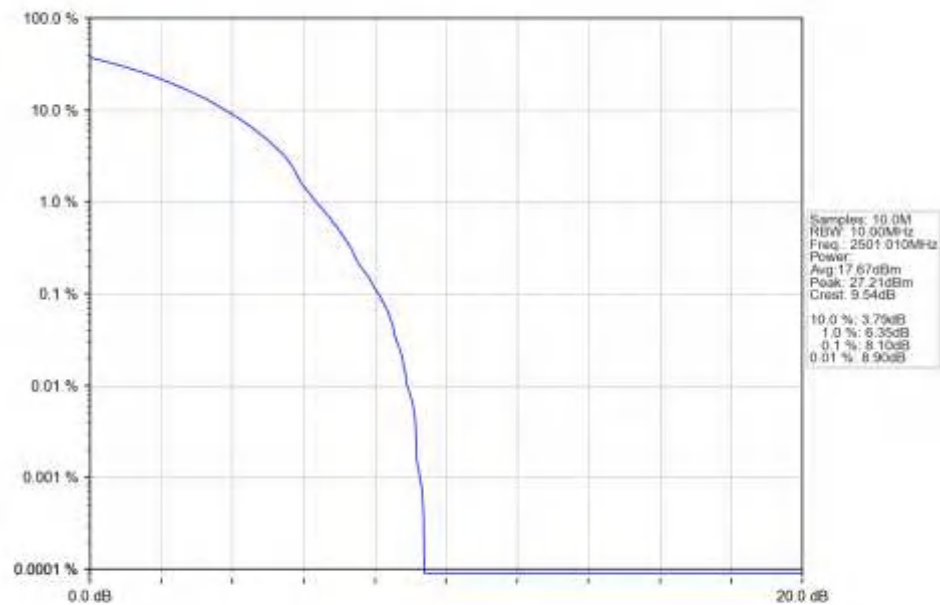
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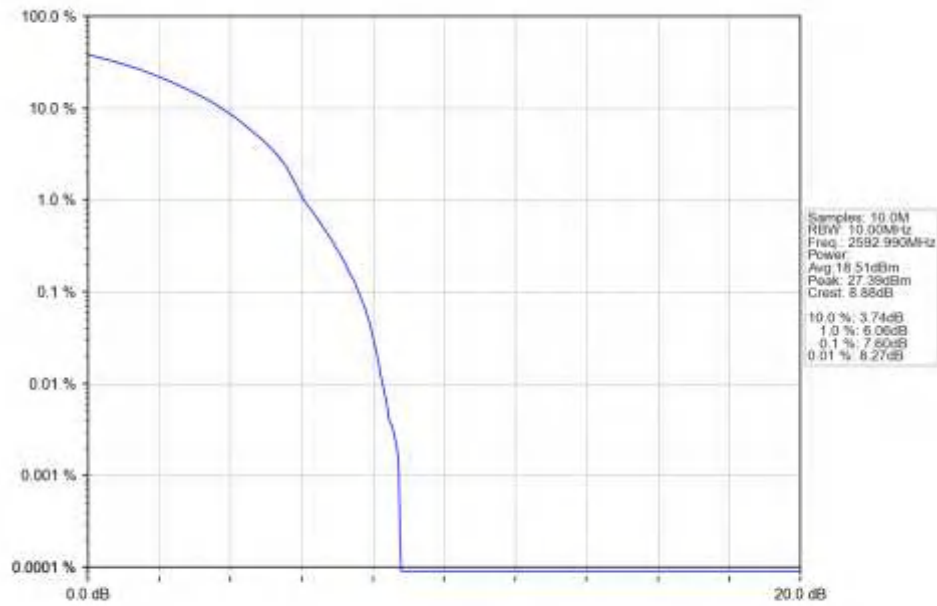
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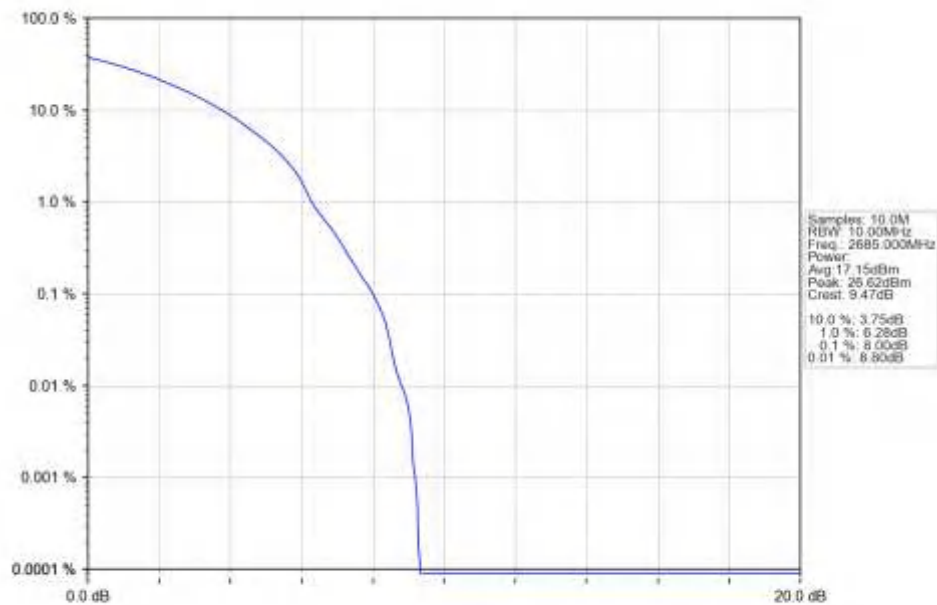
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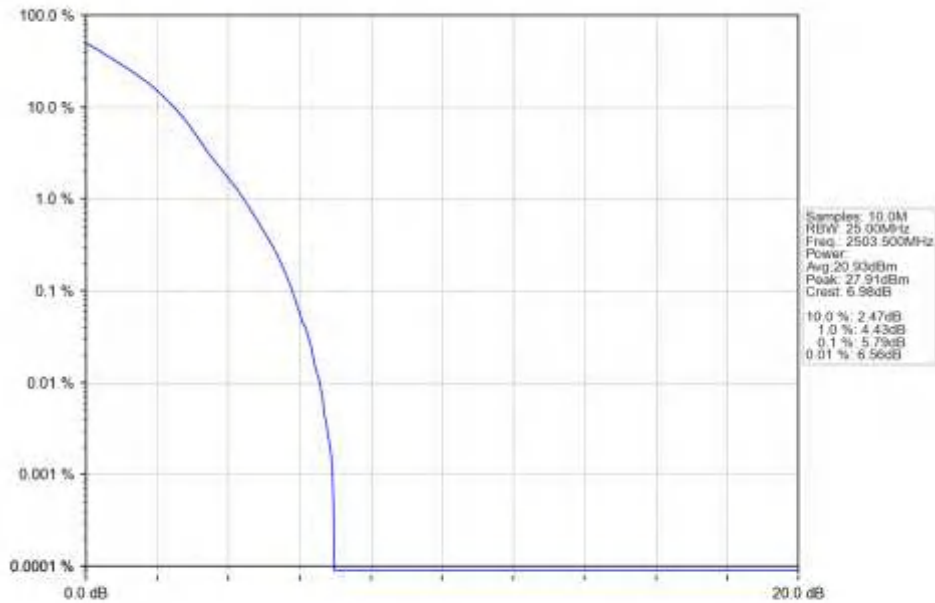


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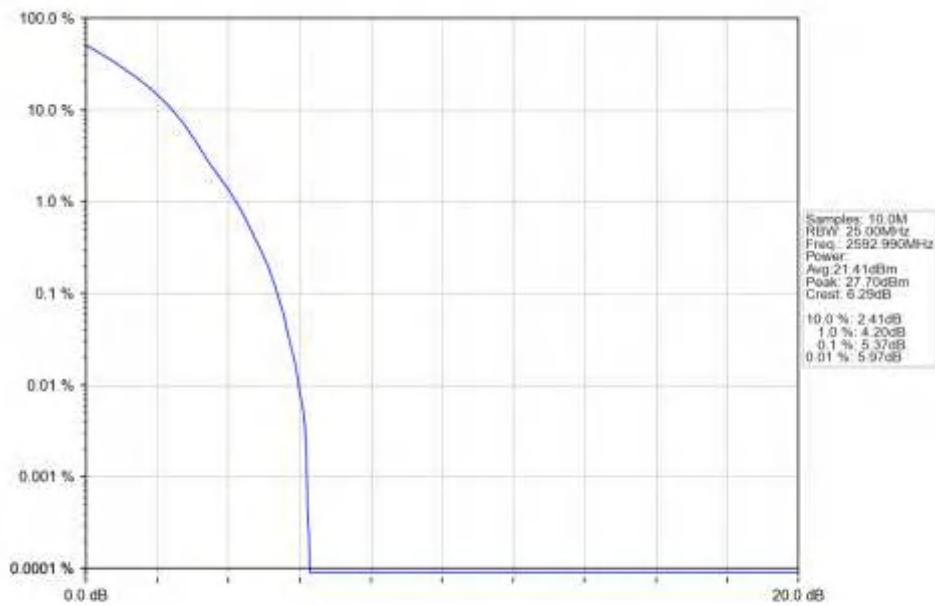


5.2.2 30k_SISO_15MHz_NTNV

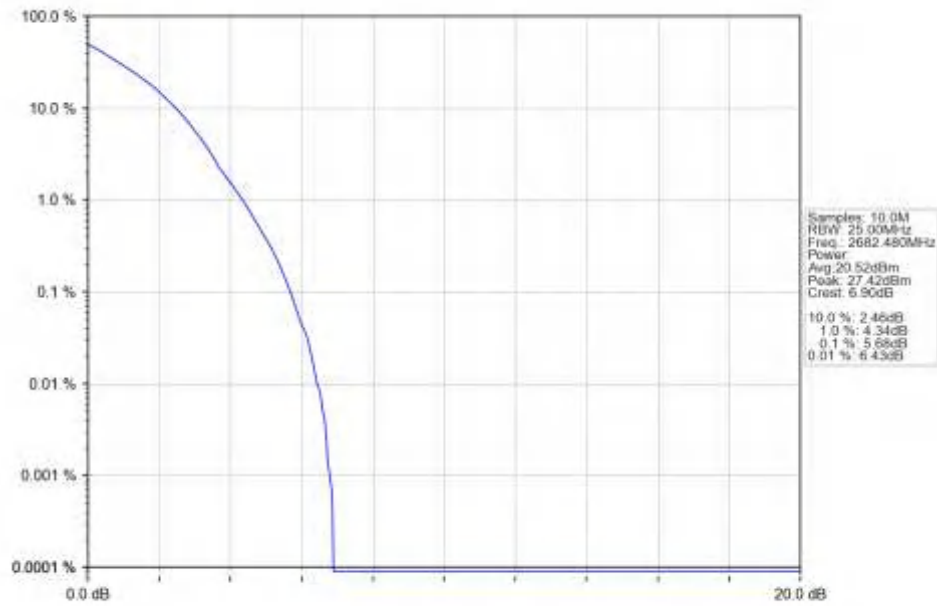
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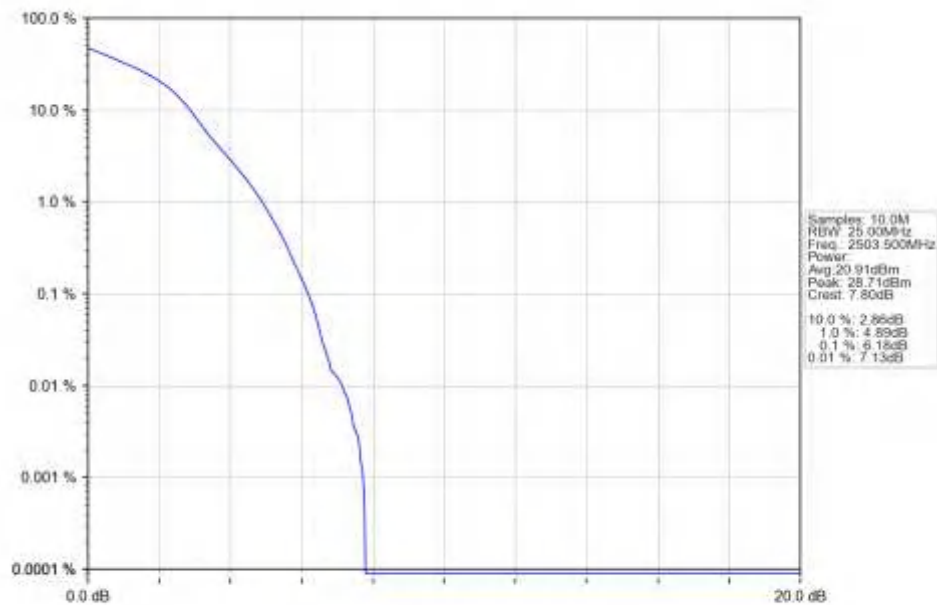
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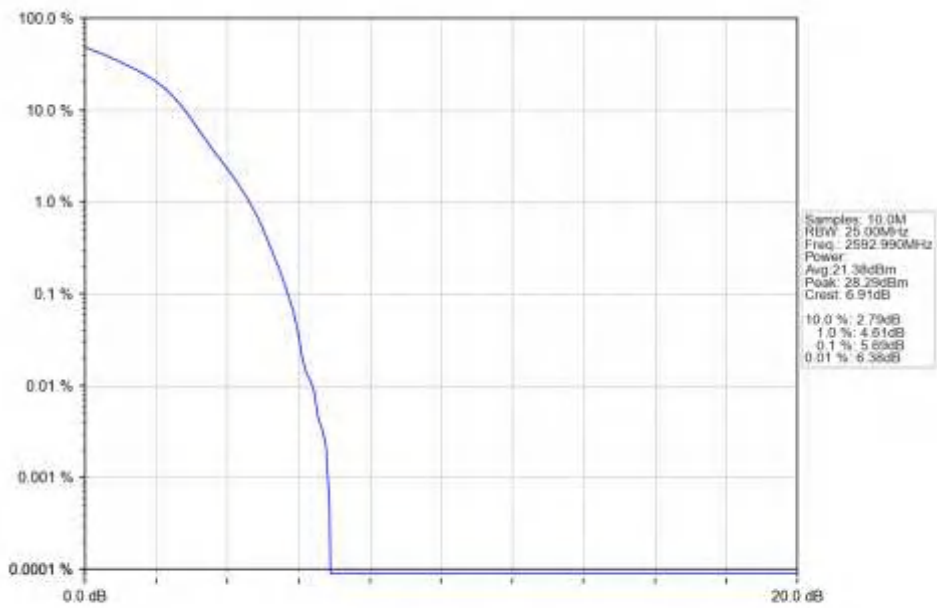
n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2682.48MHz_Outer_Full_Ant1



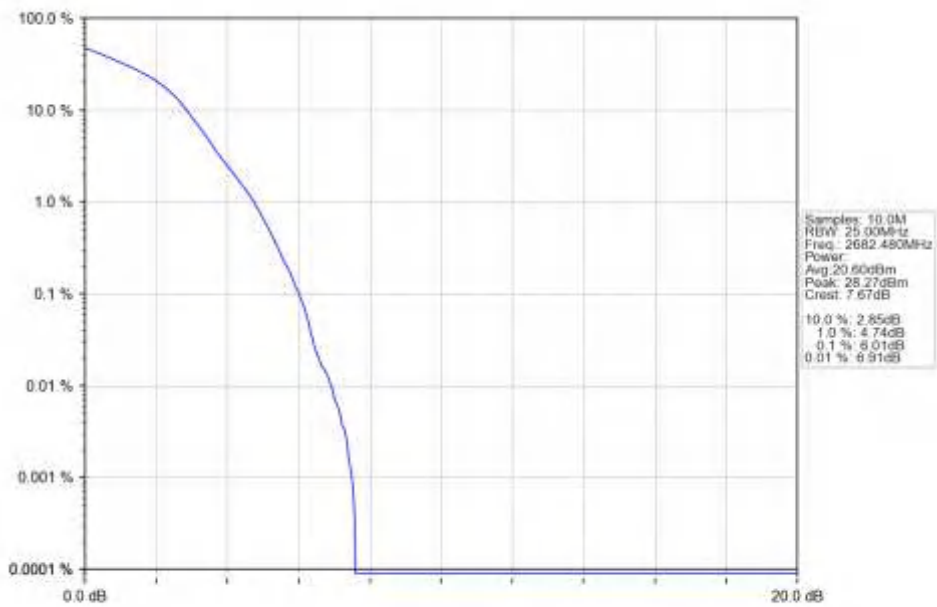
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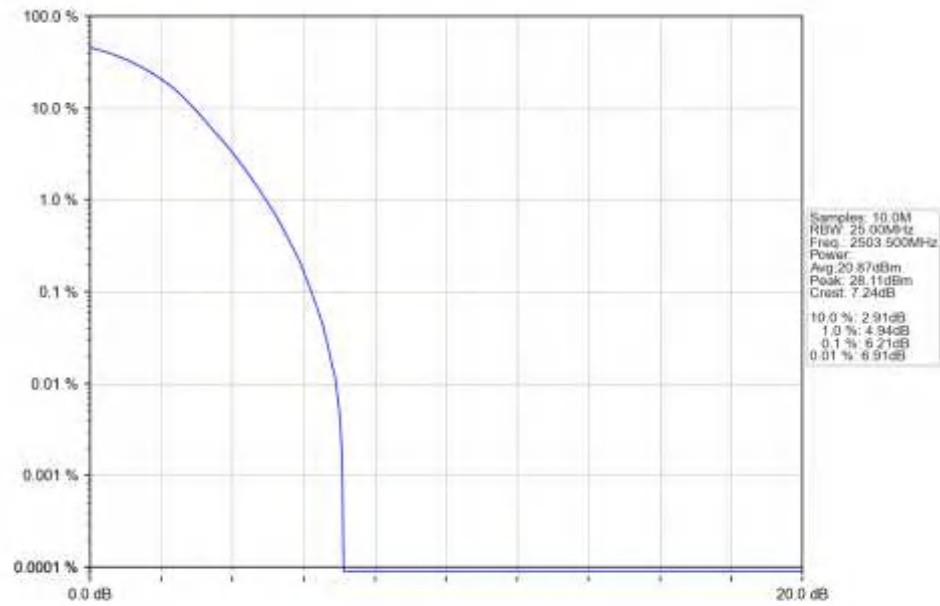
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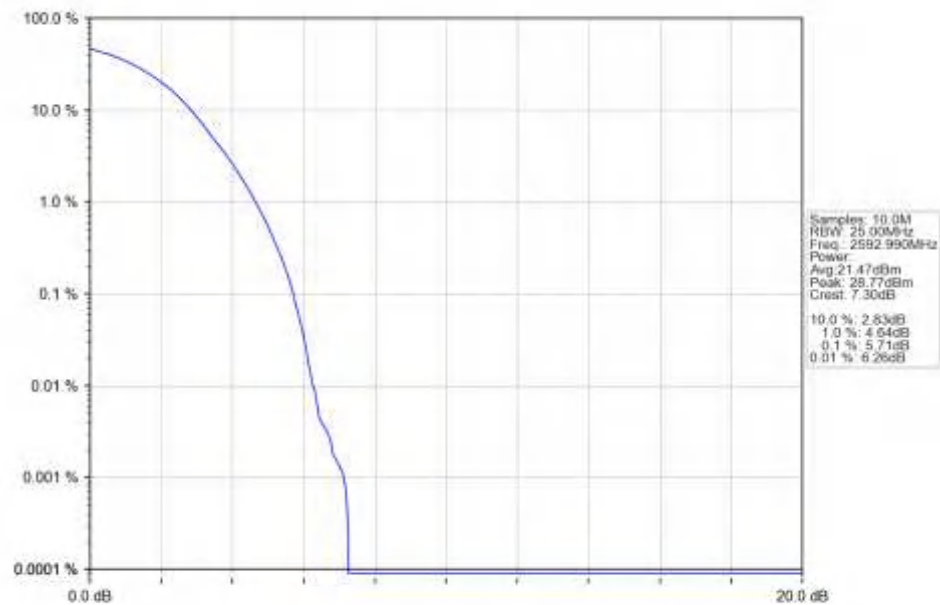
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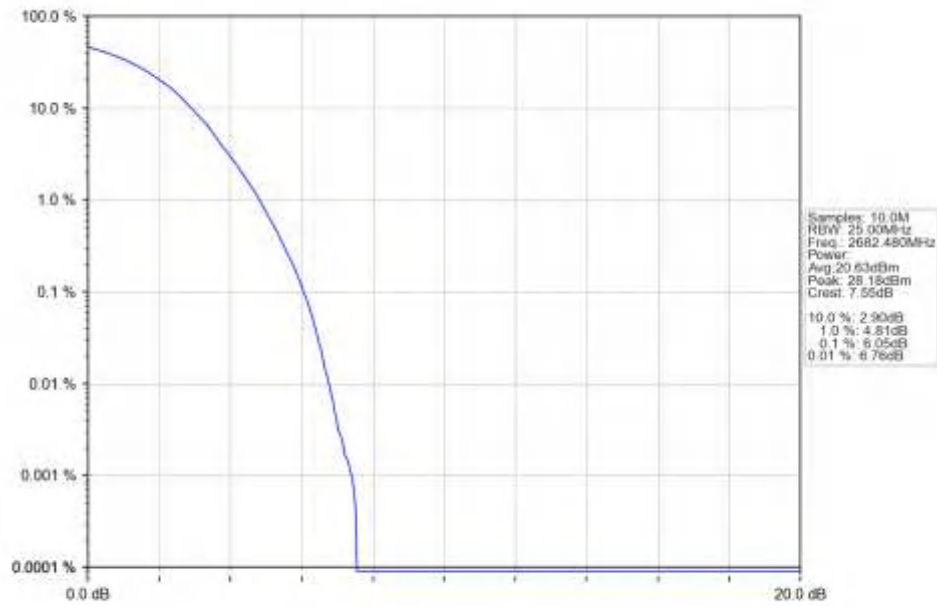
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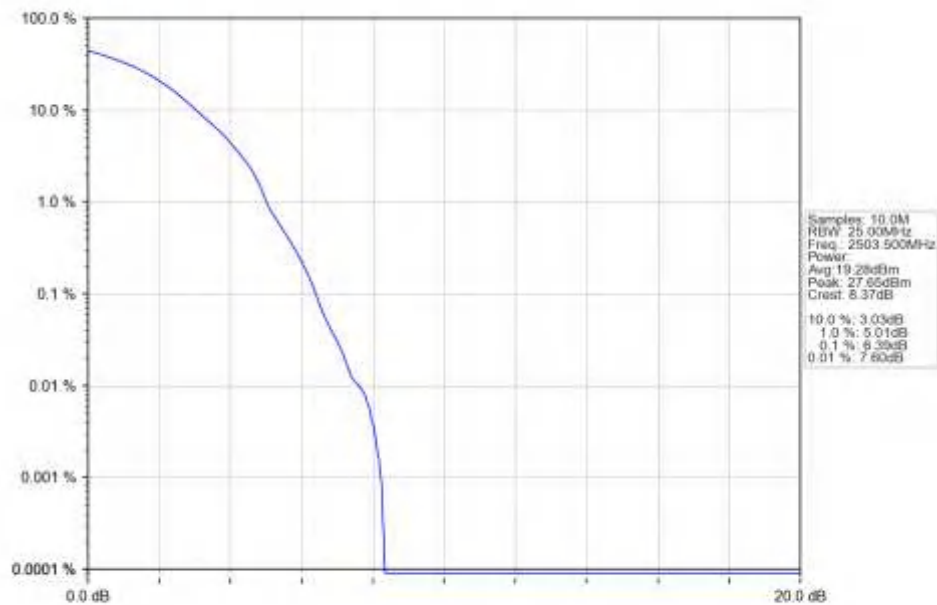
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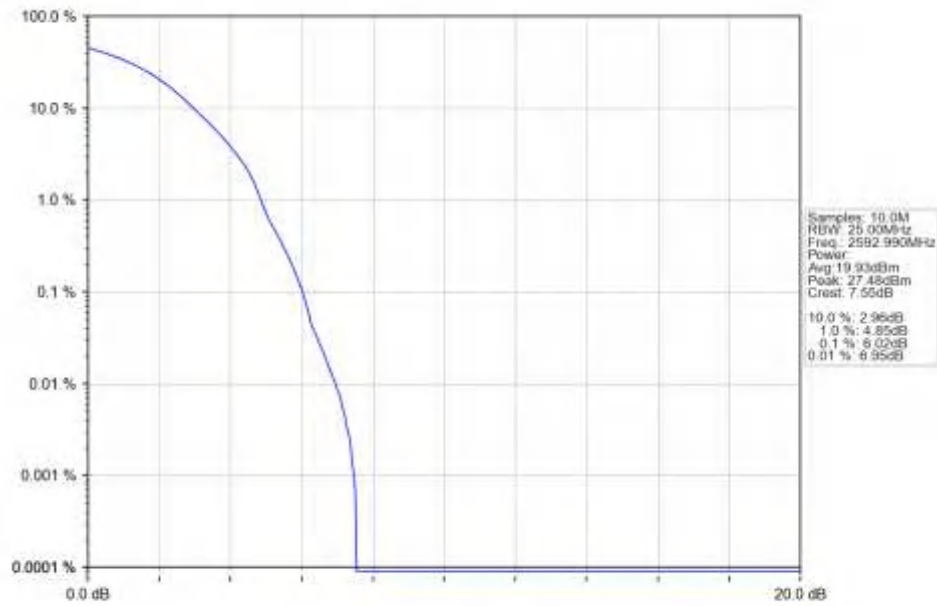
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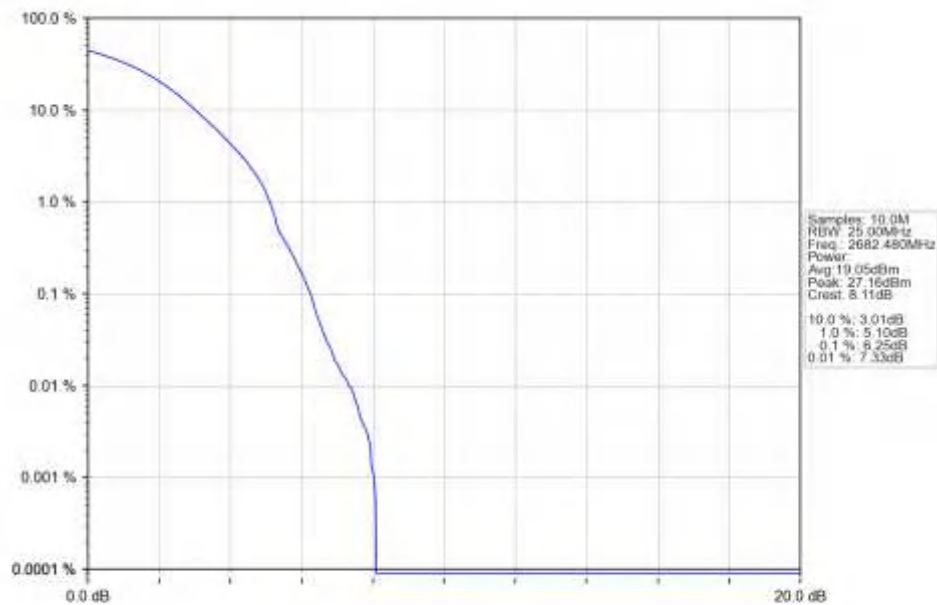
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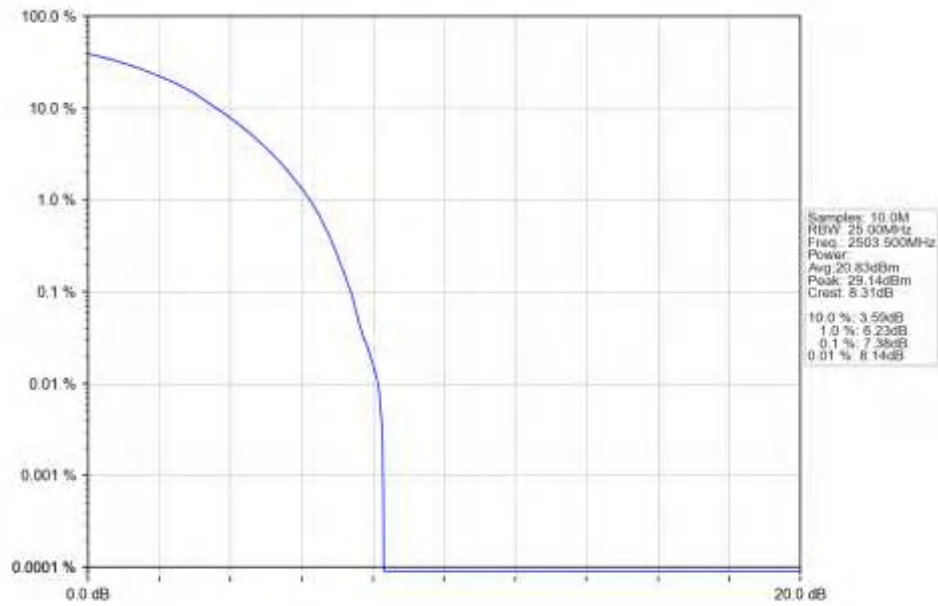
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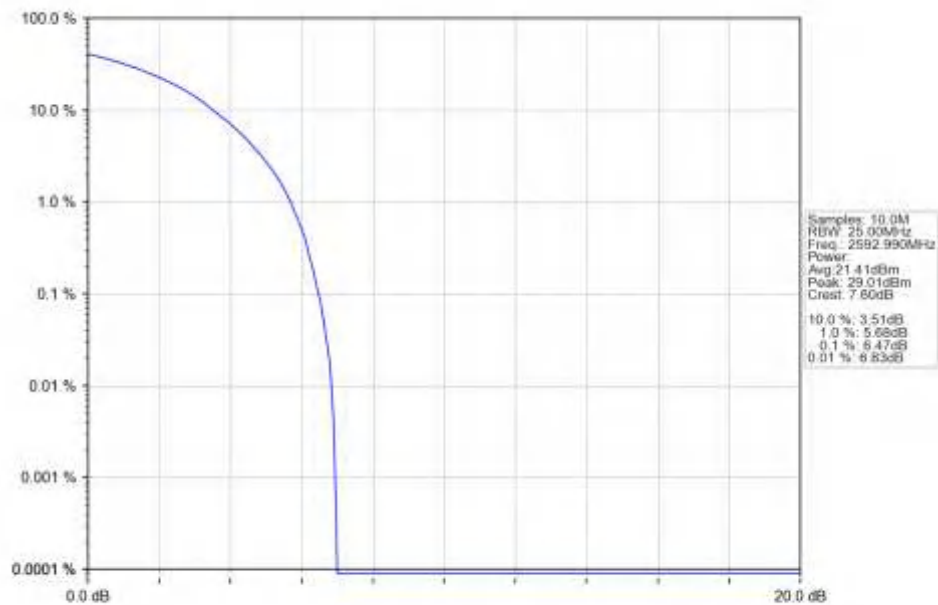
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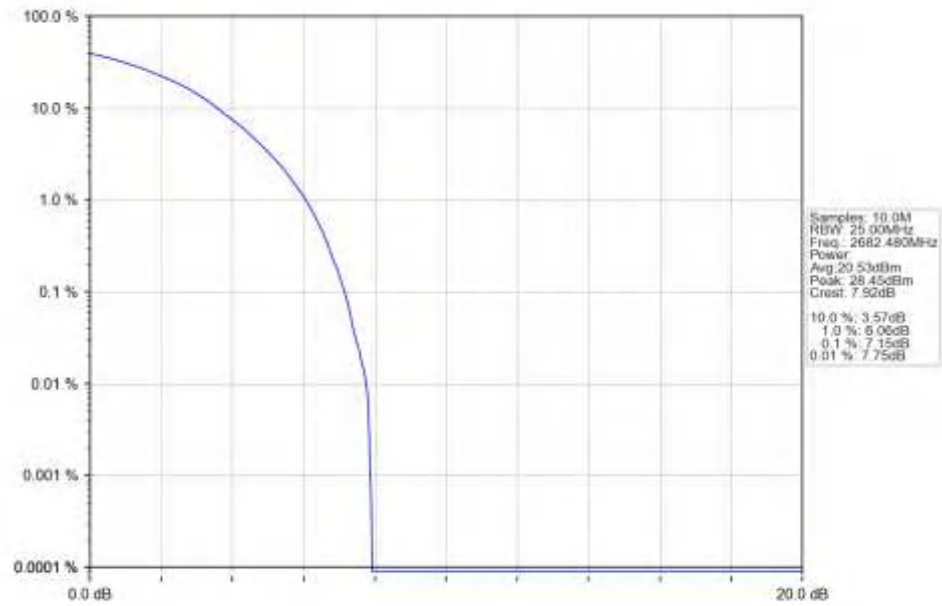
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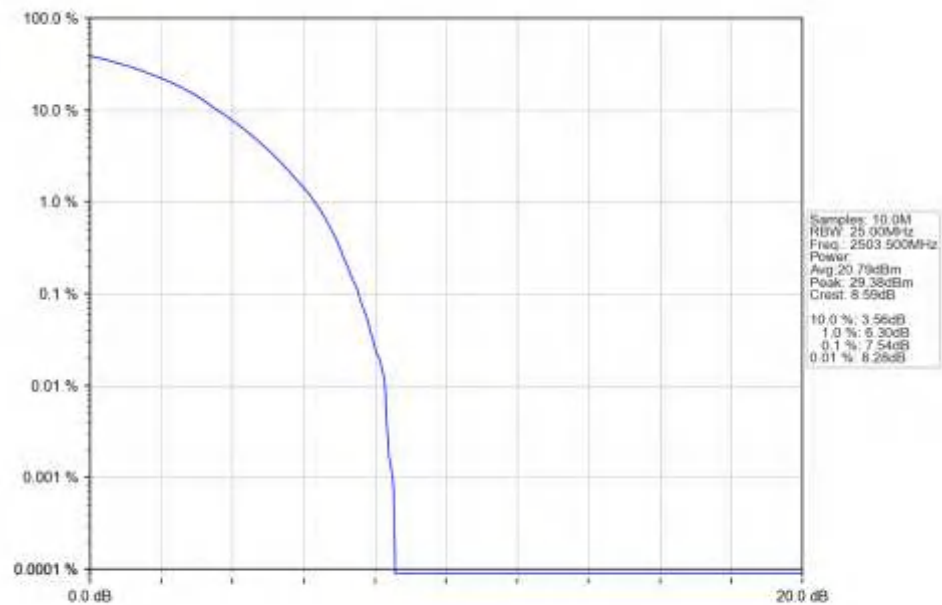
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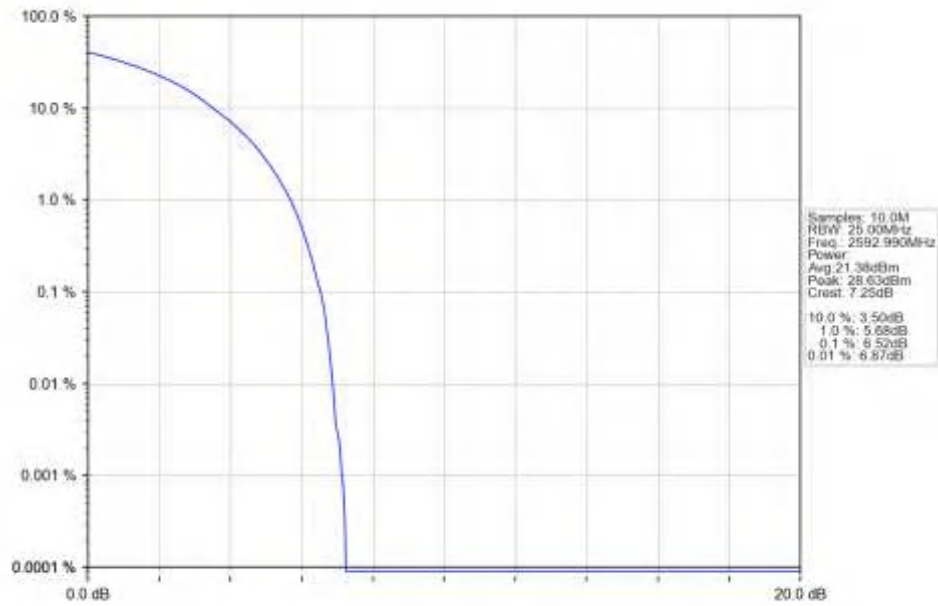
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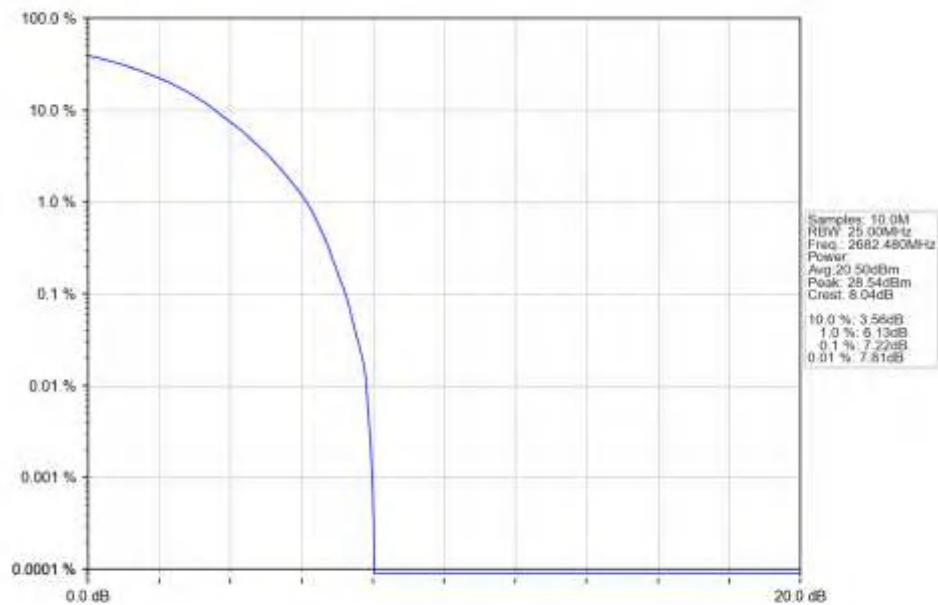
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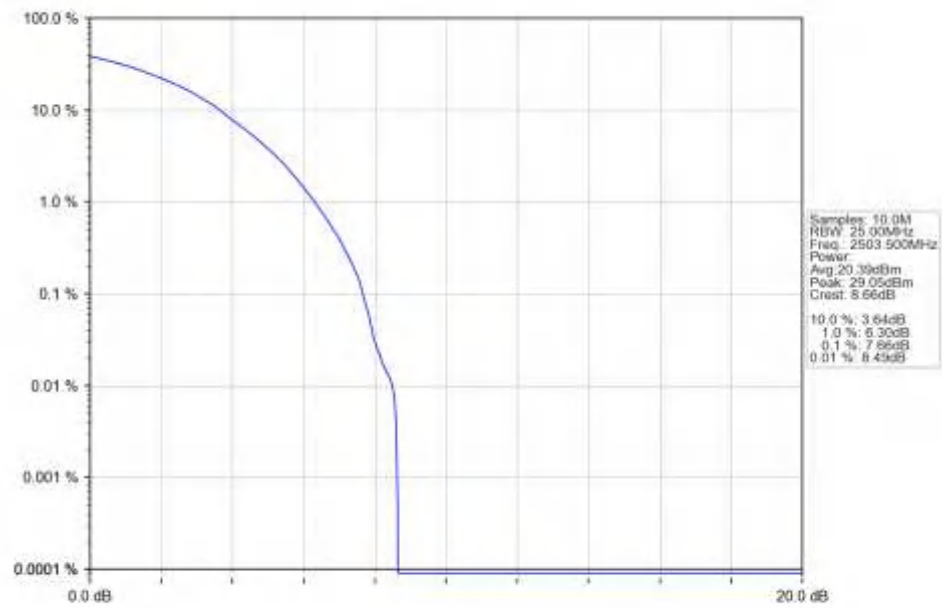
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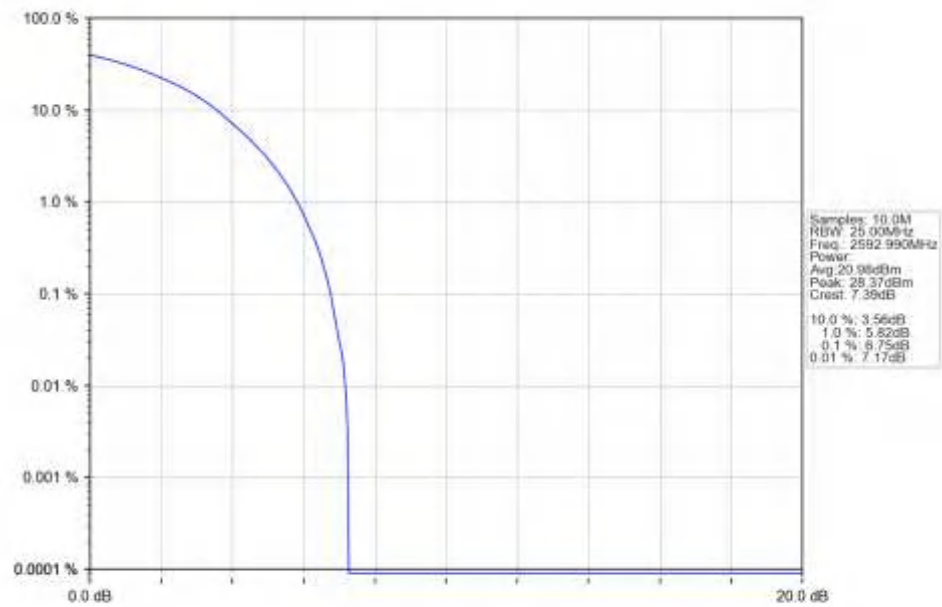
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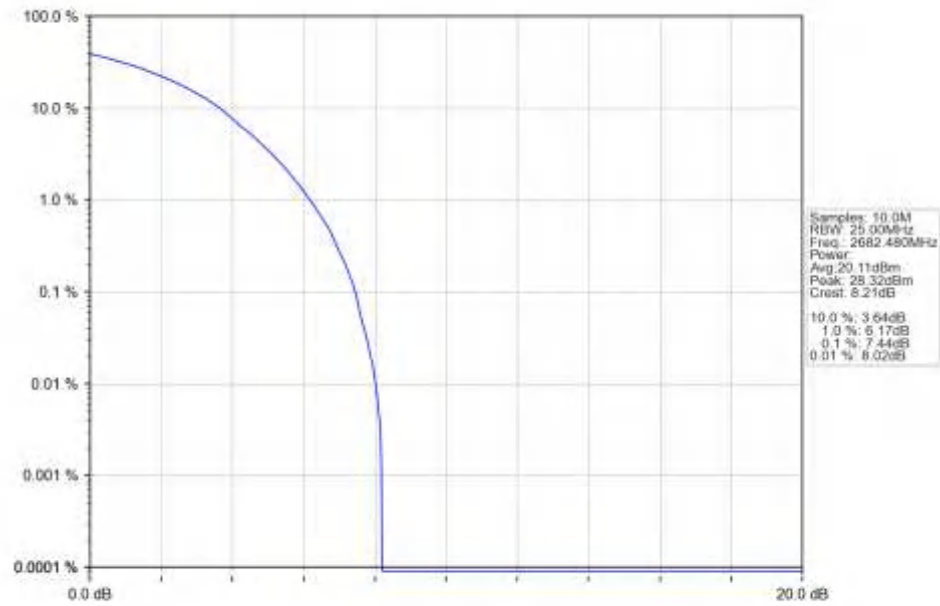
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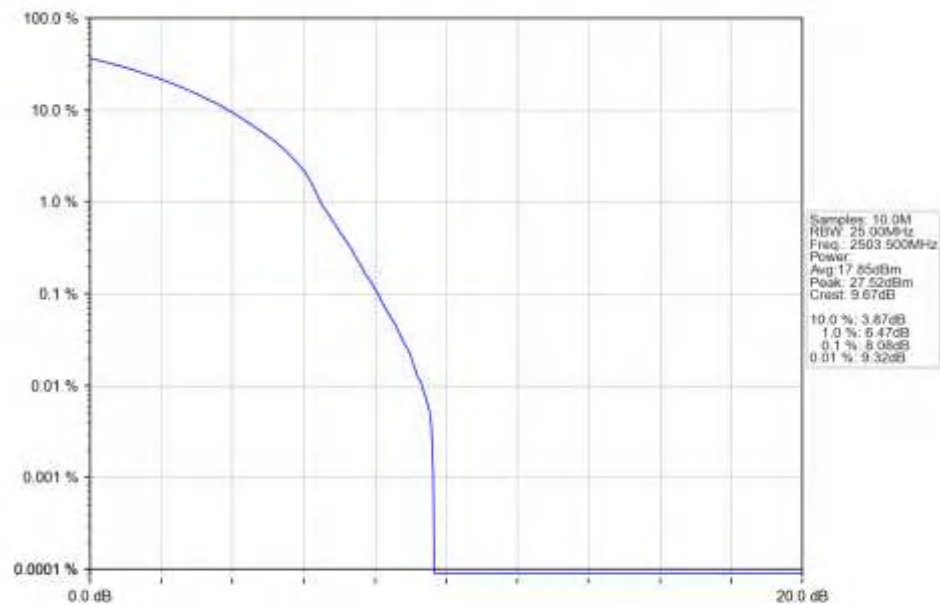
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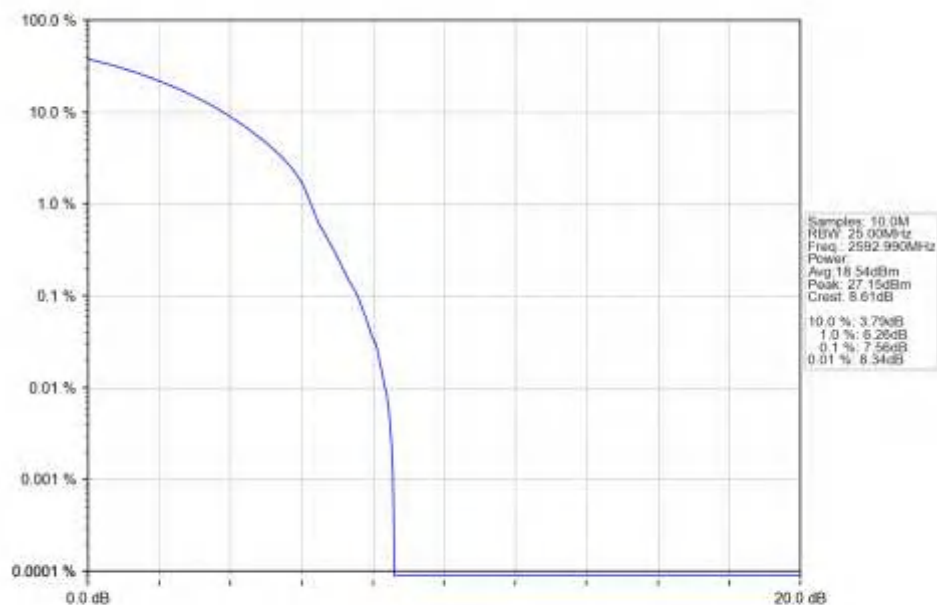
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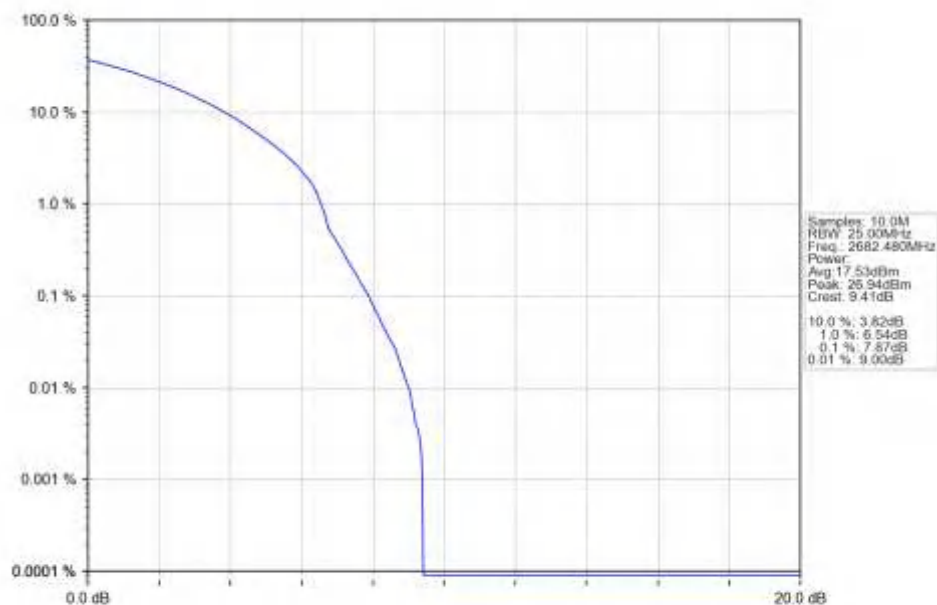
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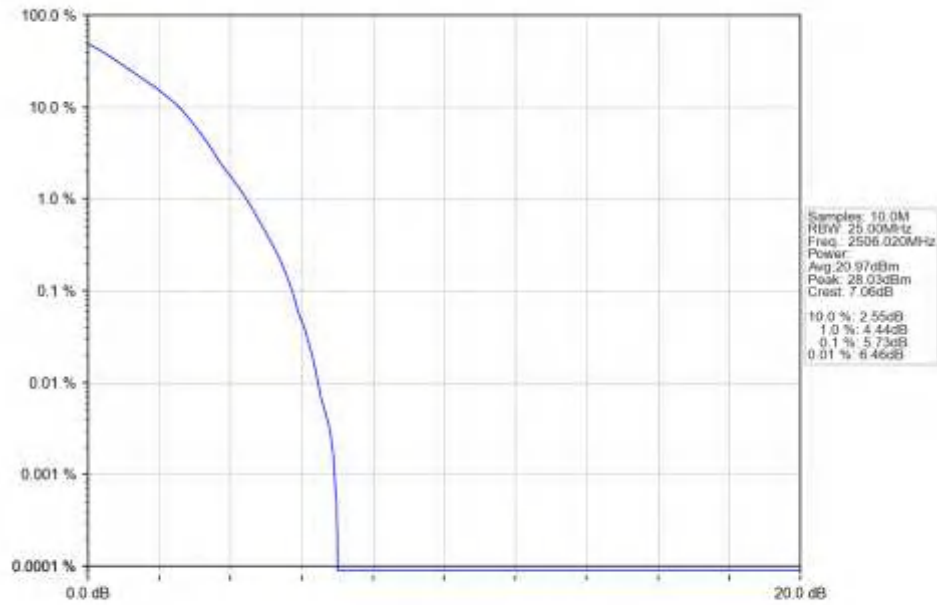


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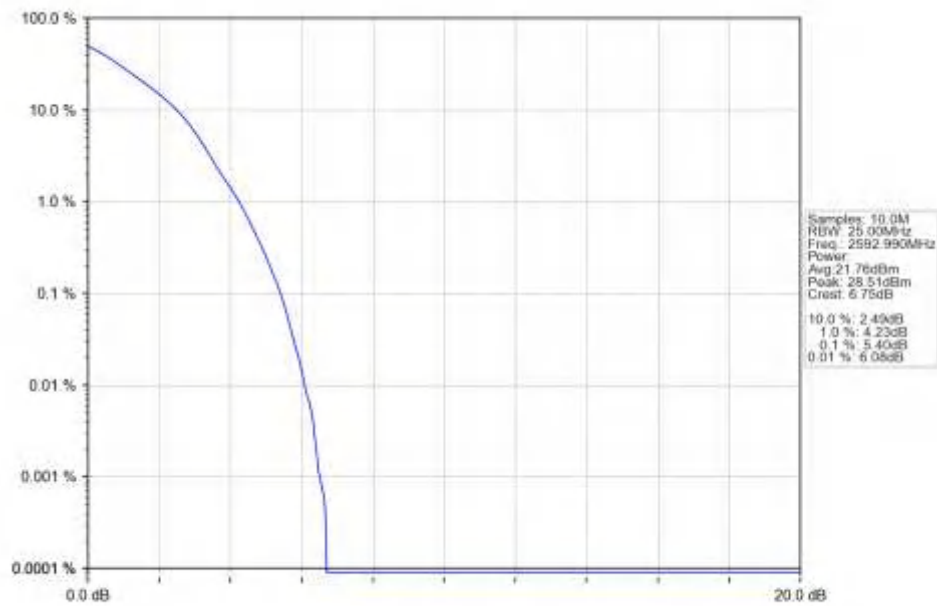


5.2.3 30k_SISO_20MHz_NTNV

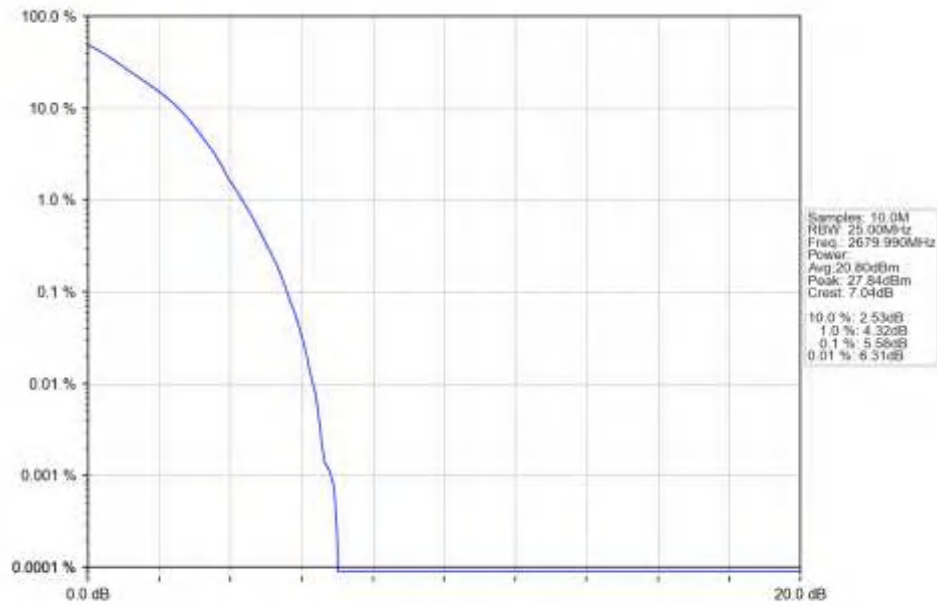
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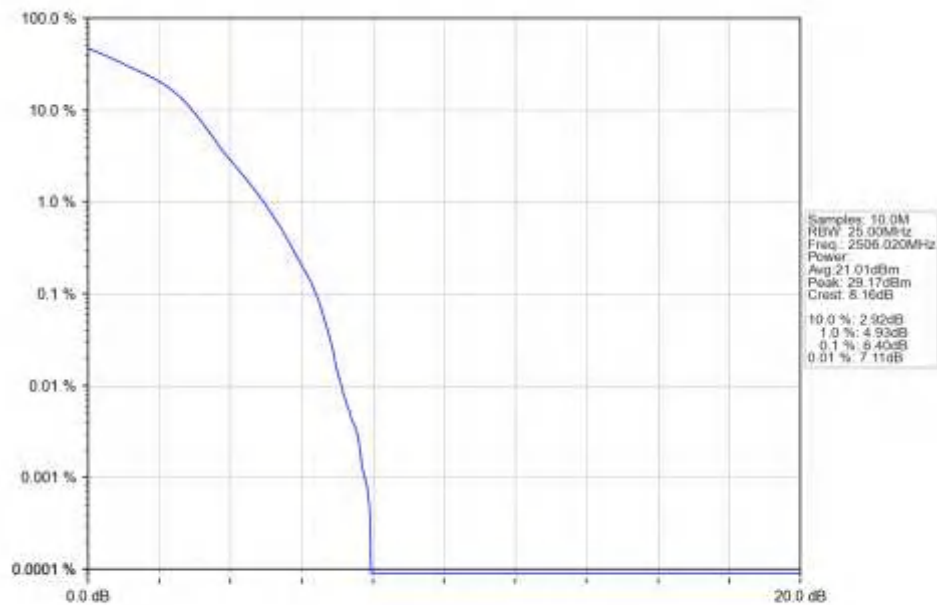
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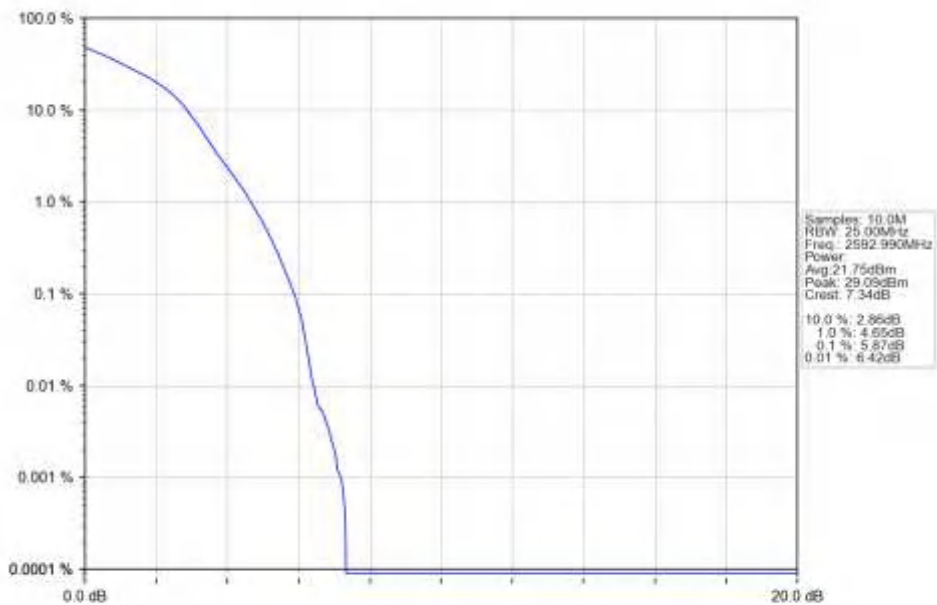
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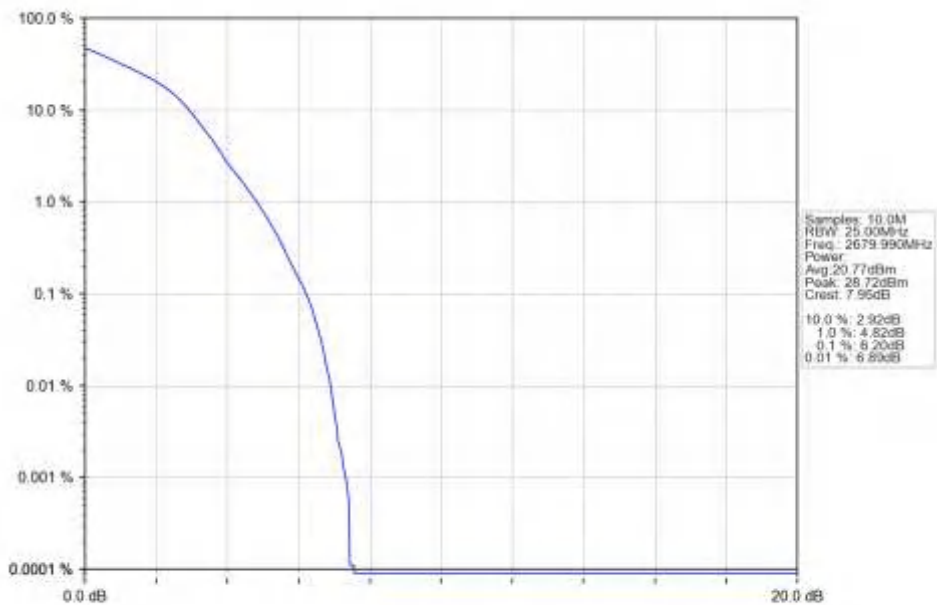
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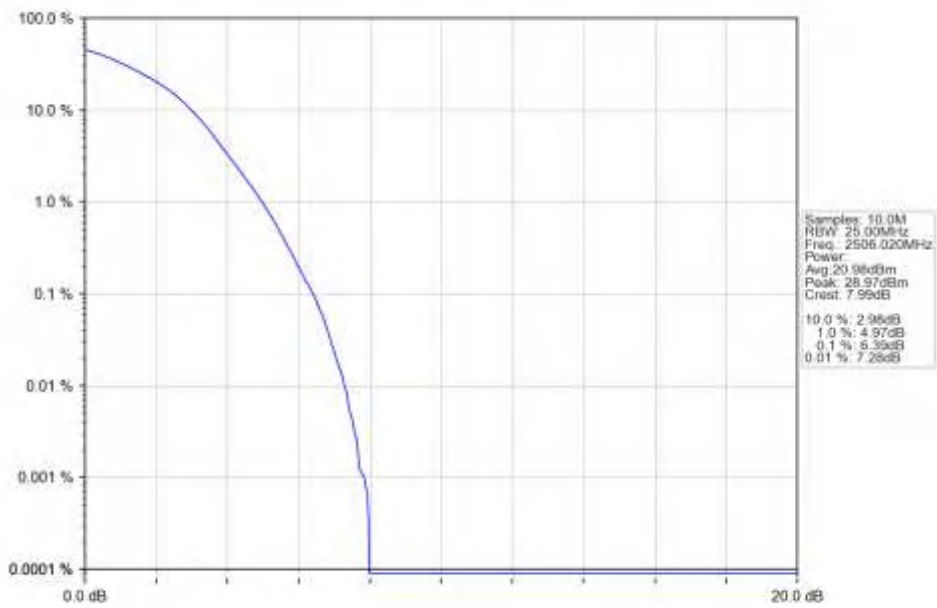
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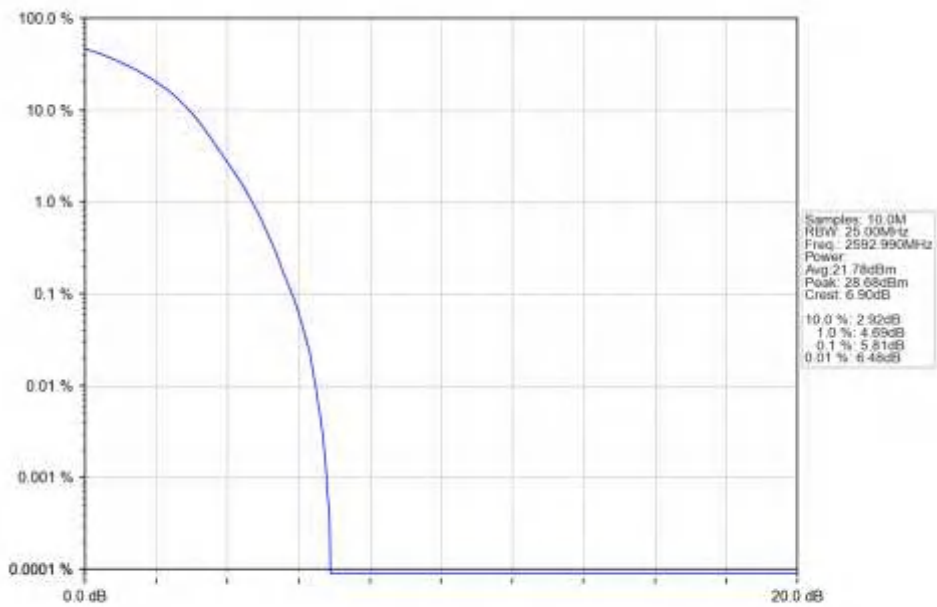
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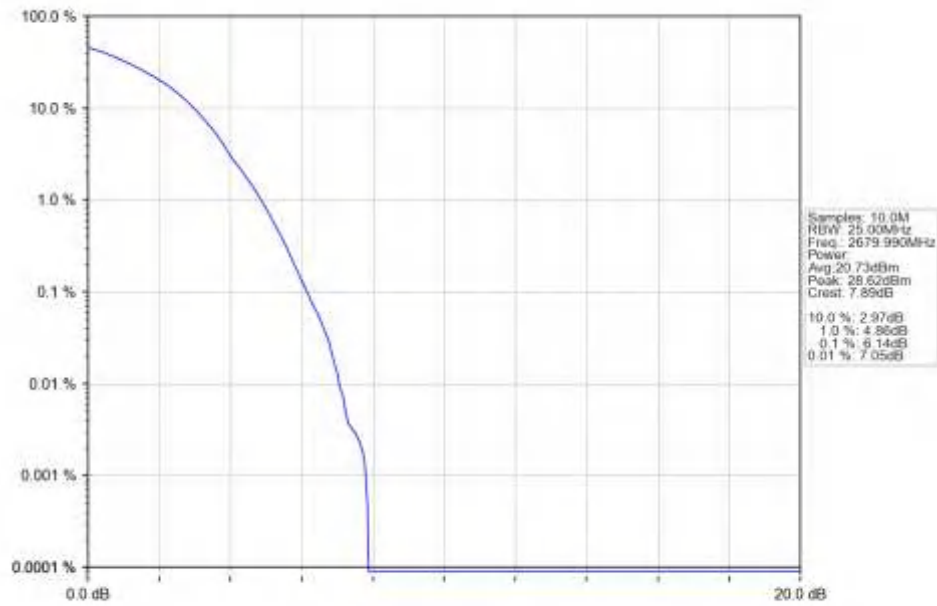
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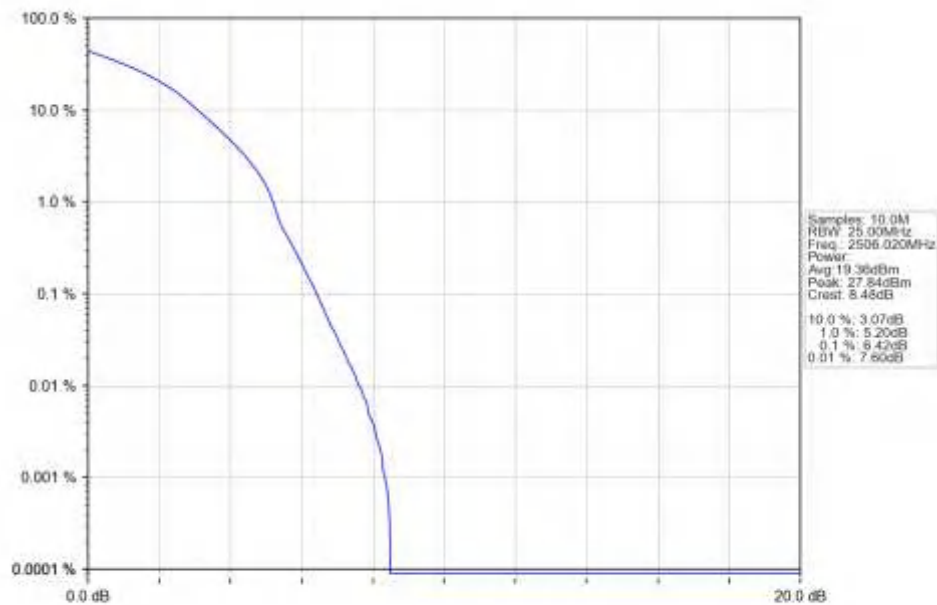
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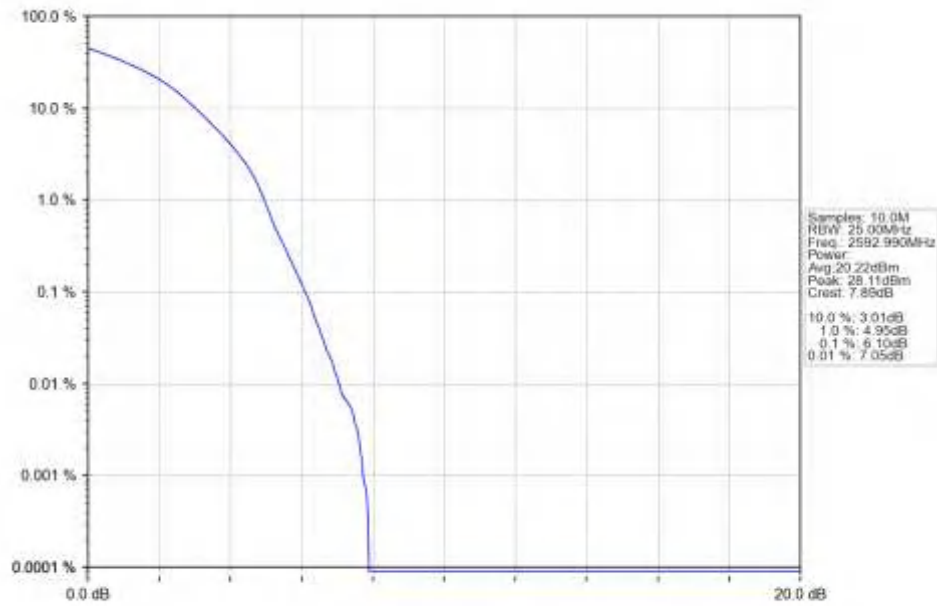
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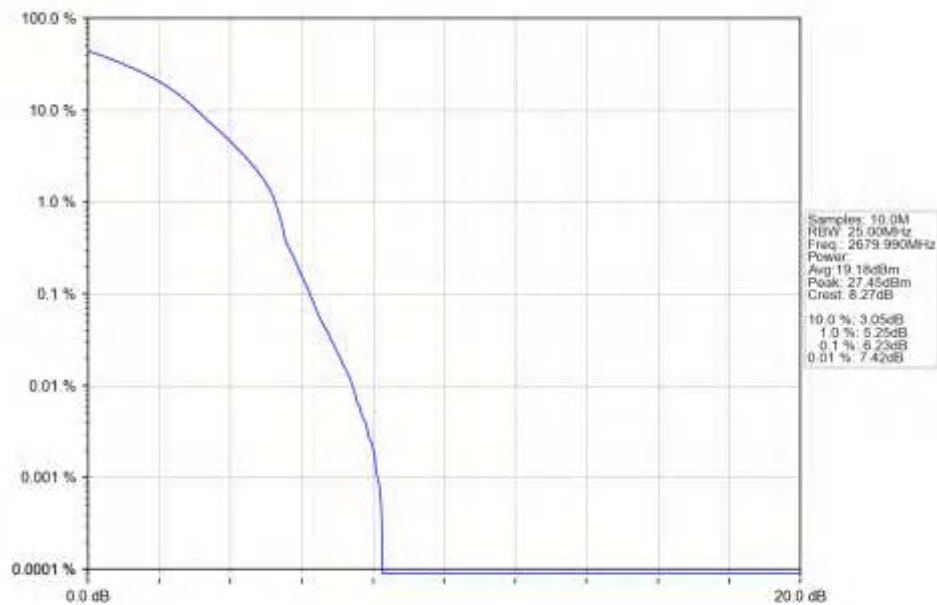
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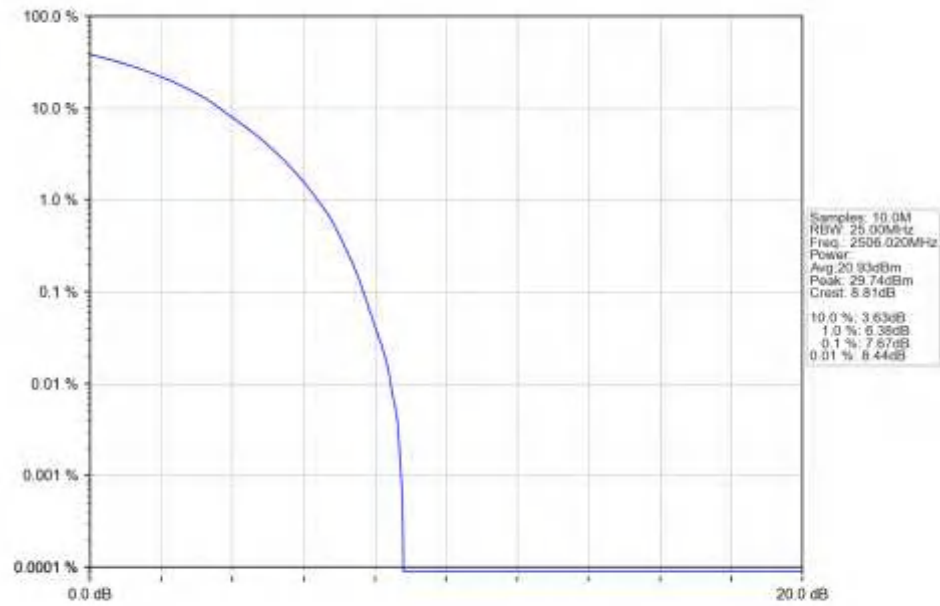
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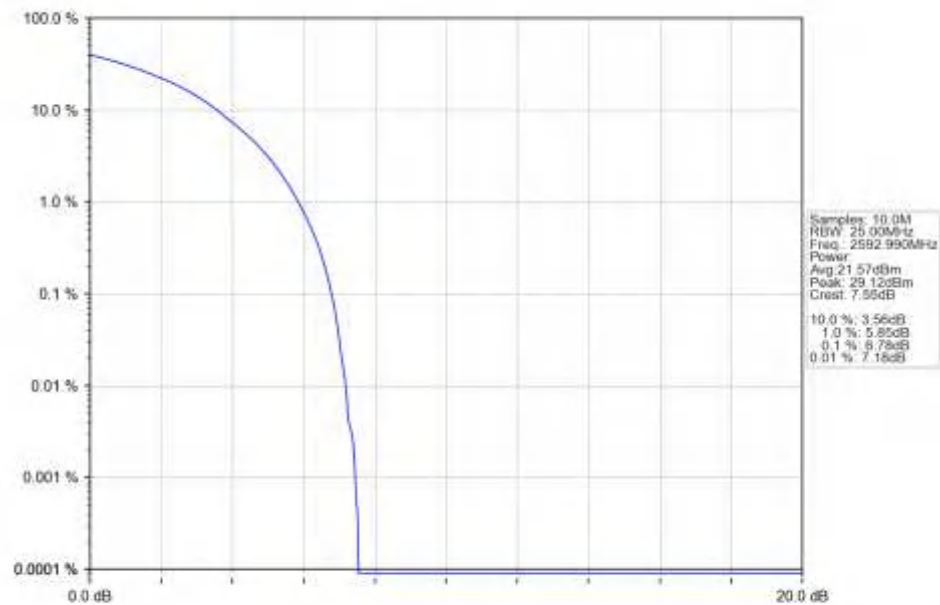
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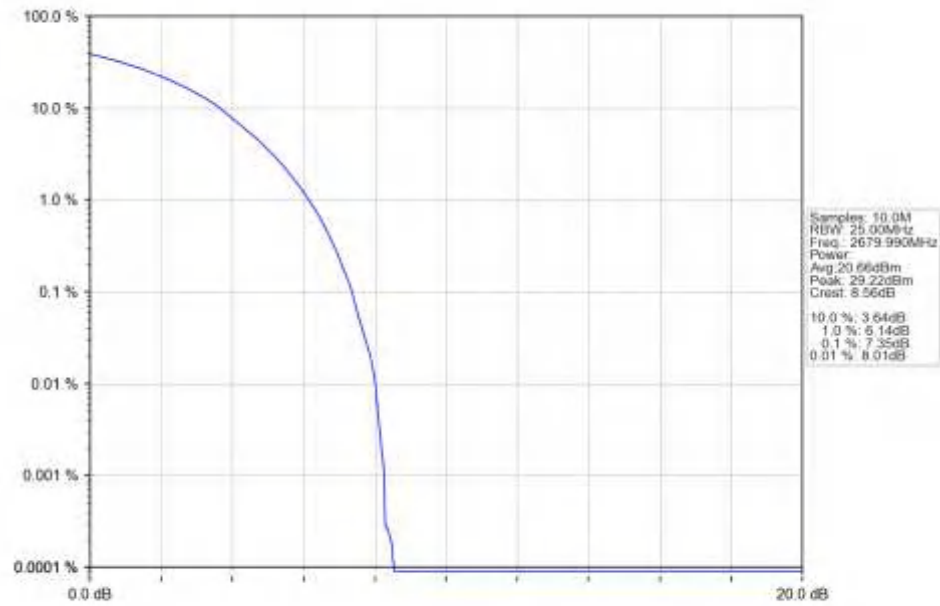
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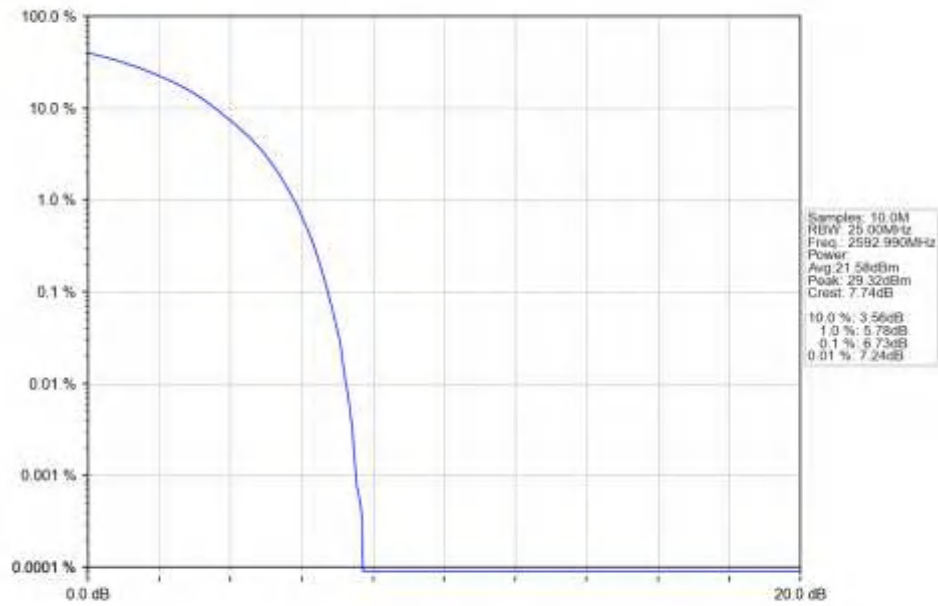
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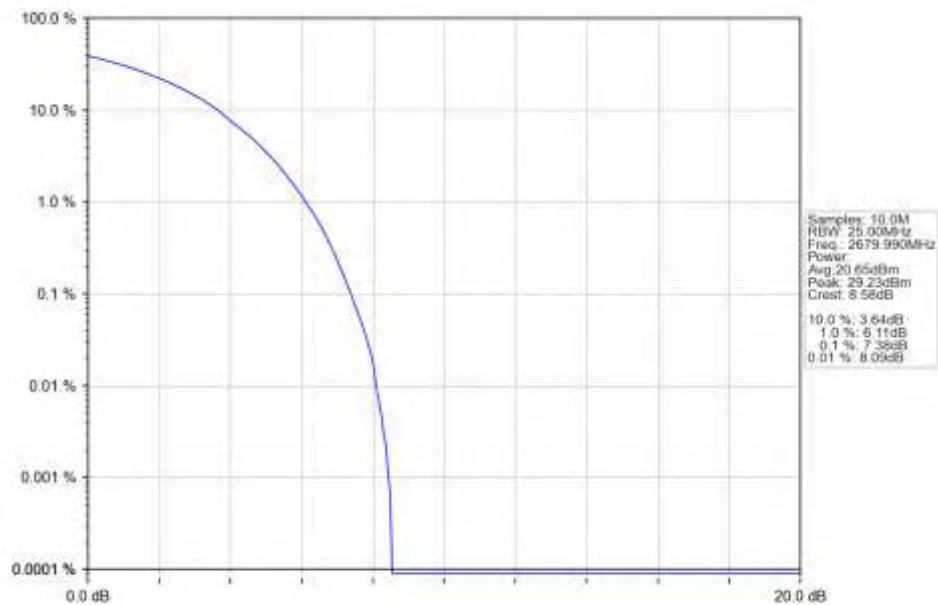
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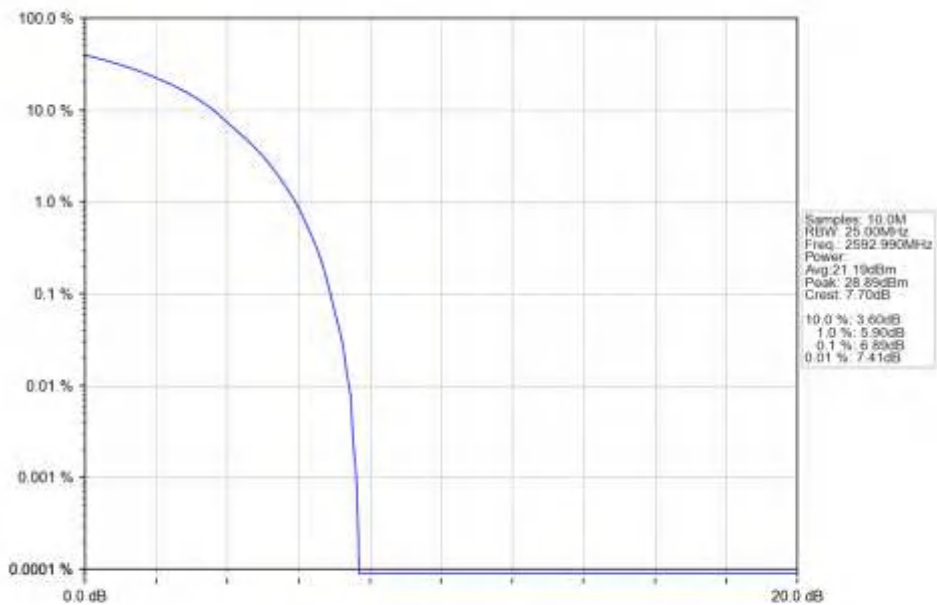
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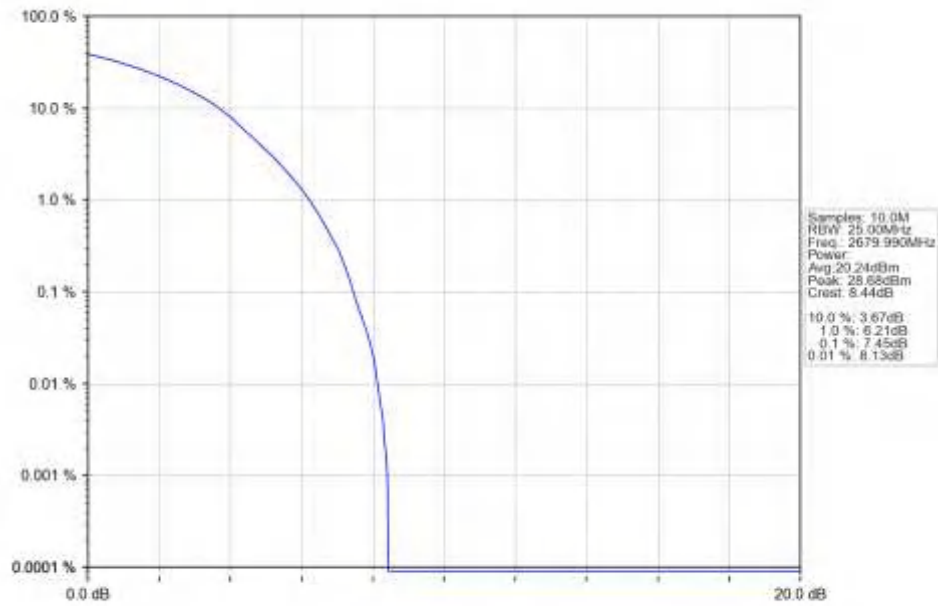
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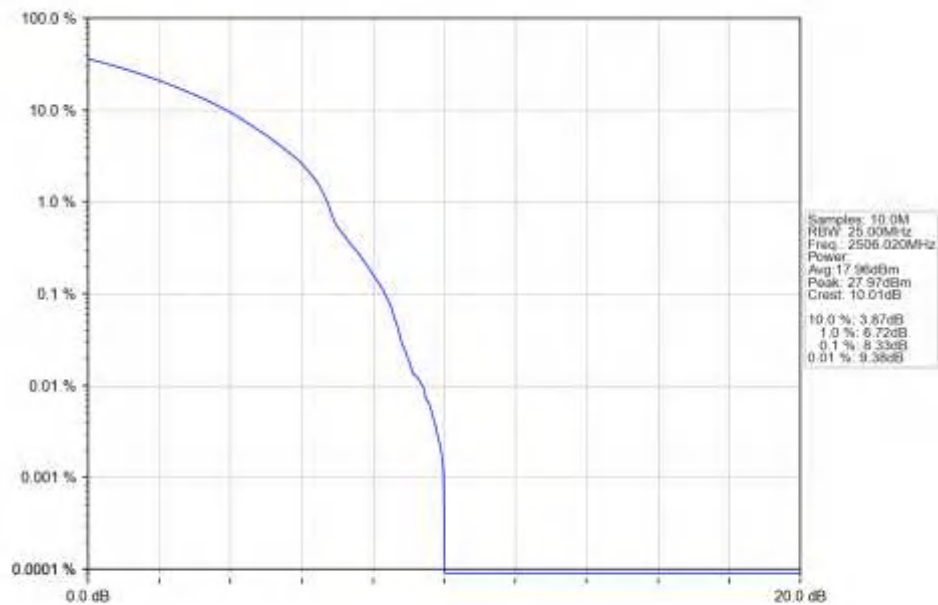
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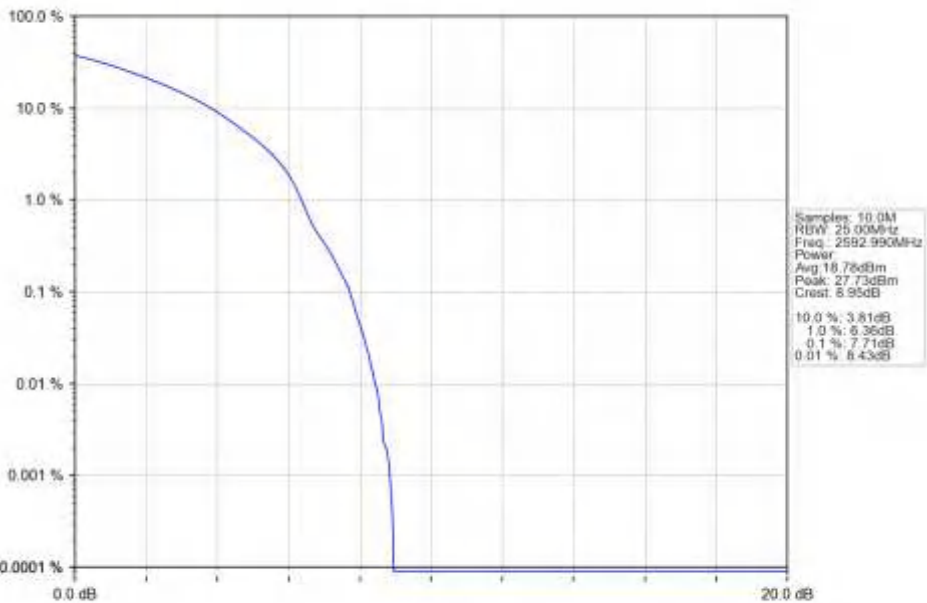
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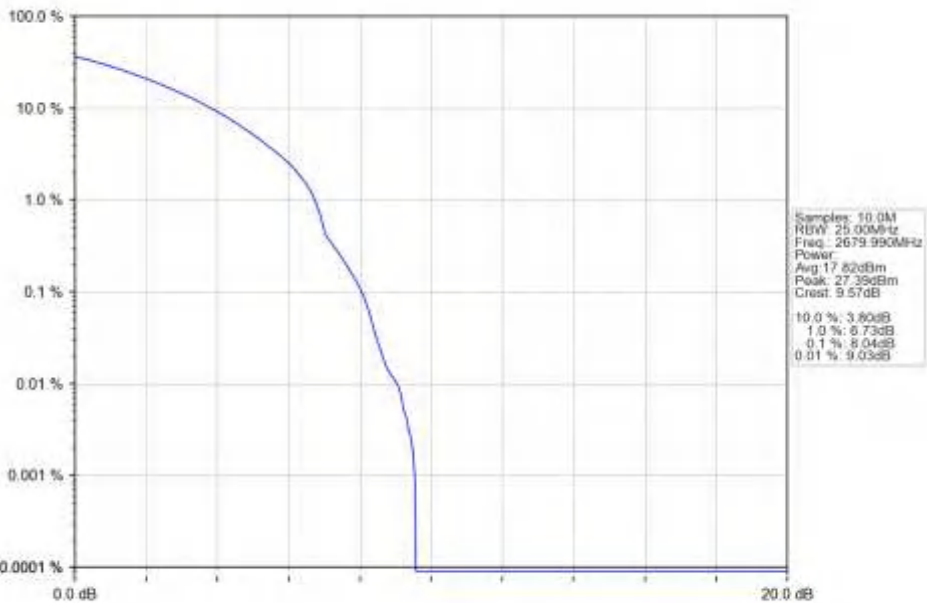
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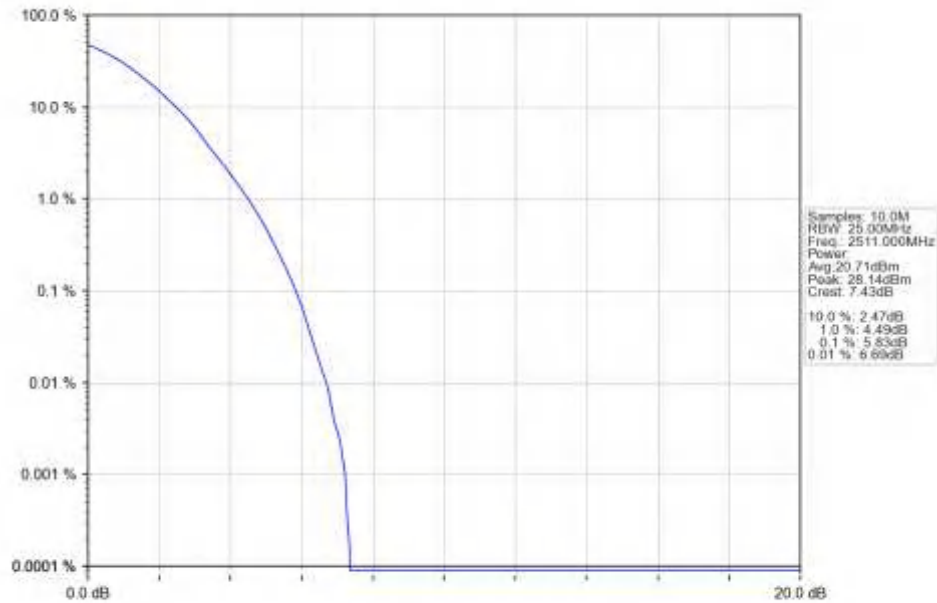


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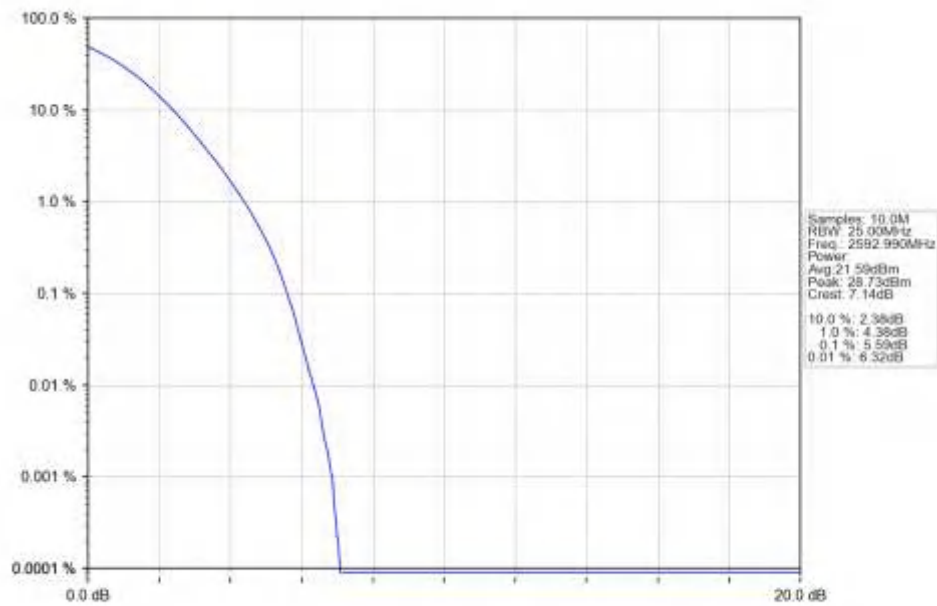


5.2.4 30k_SISO_30MHz_NTNV

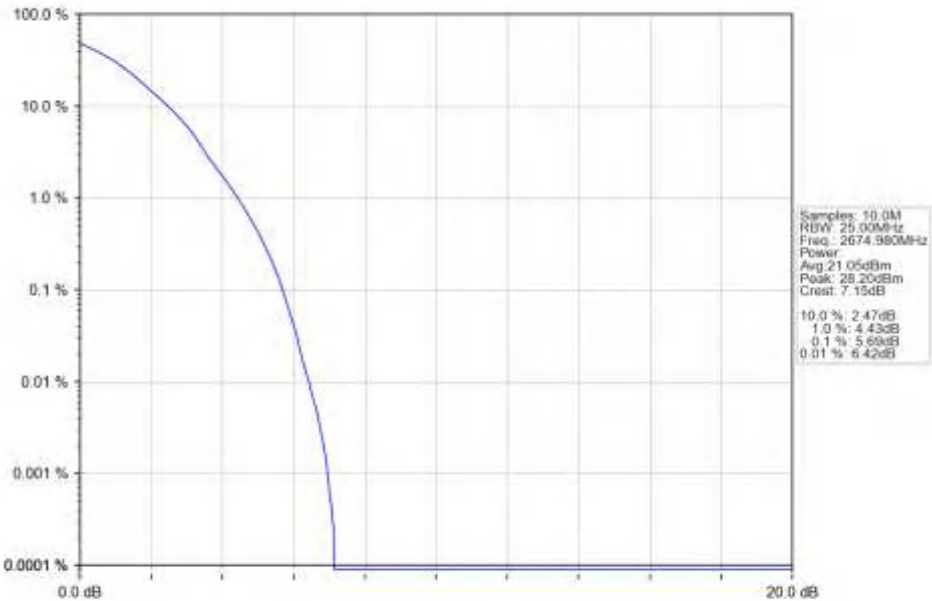
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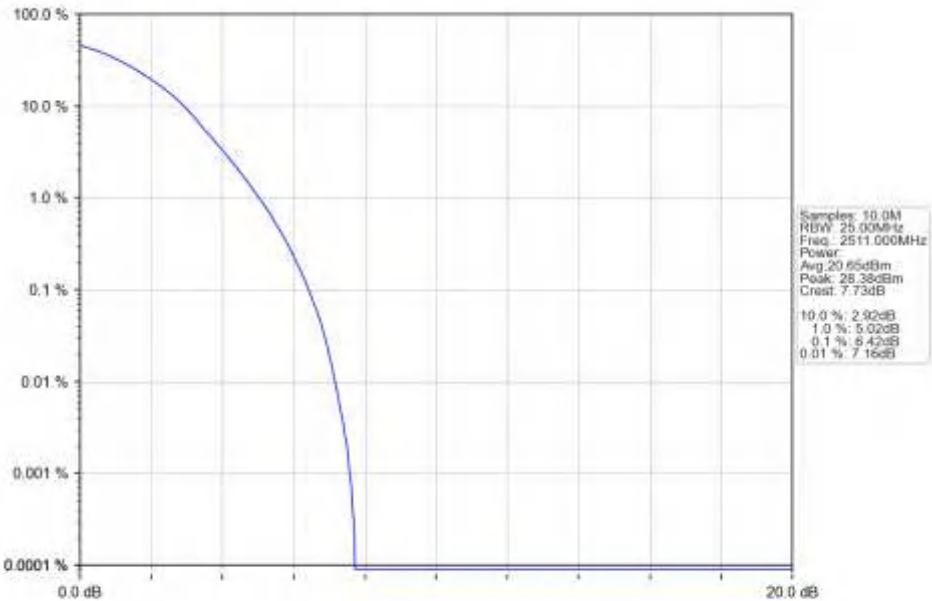
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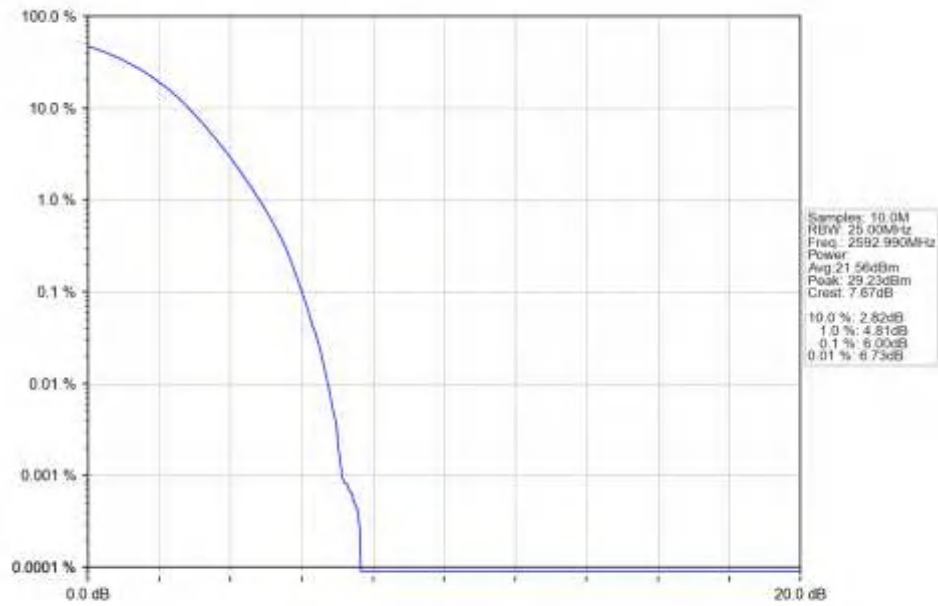
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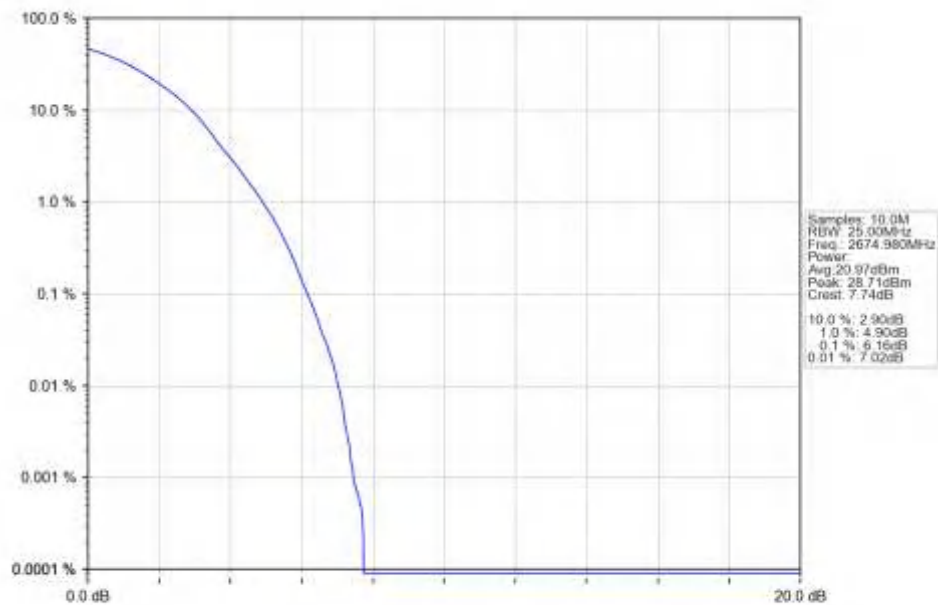
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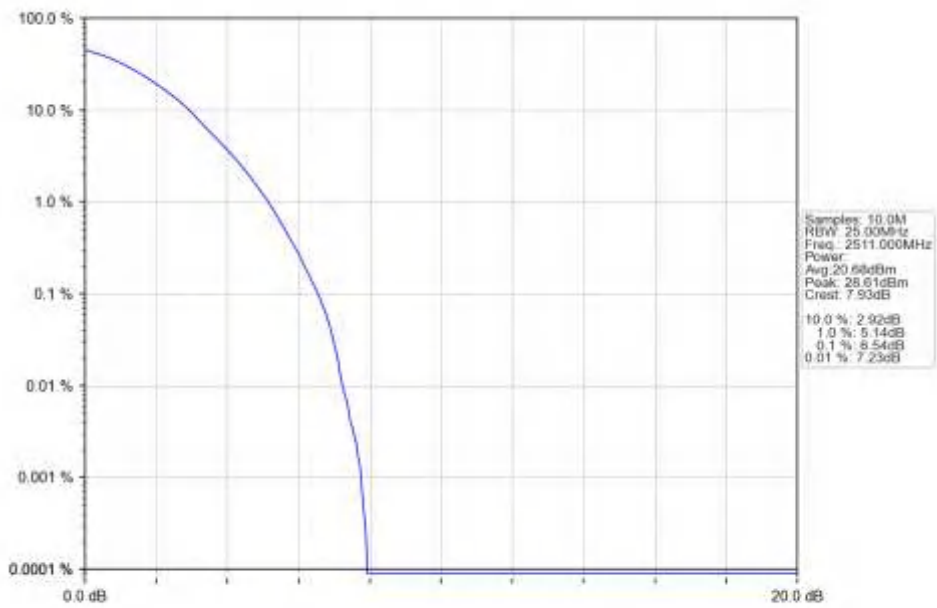
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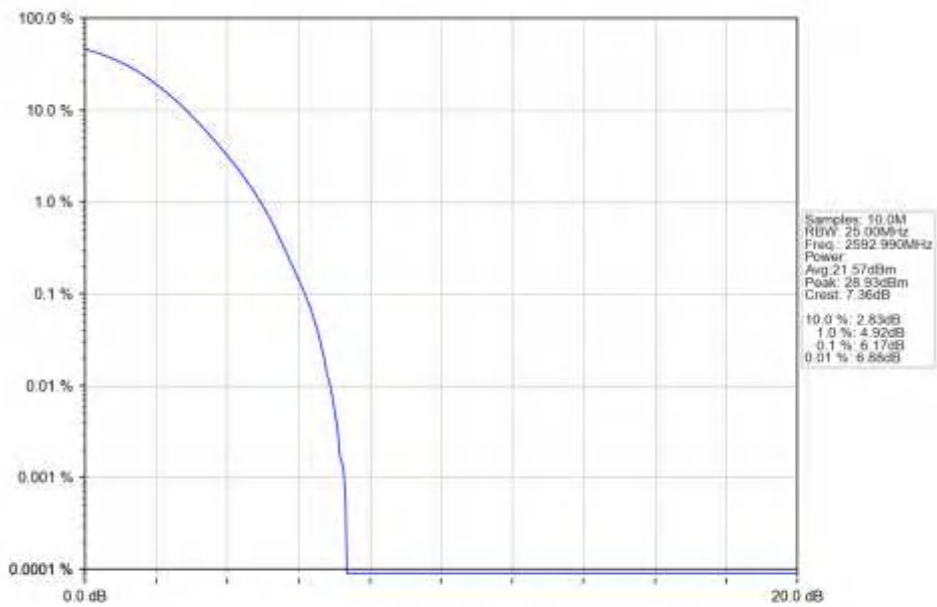
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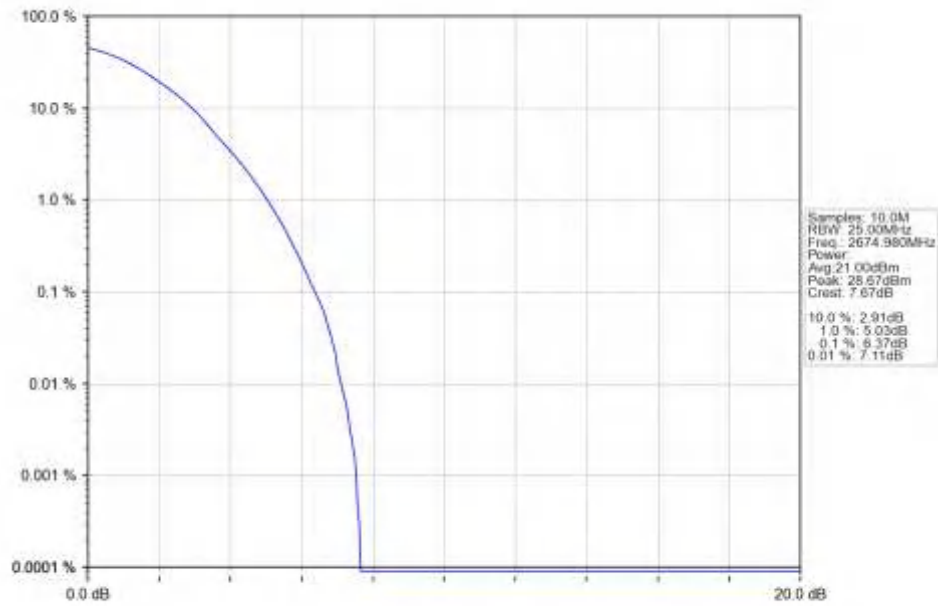
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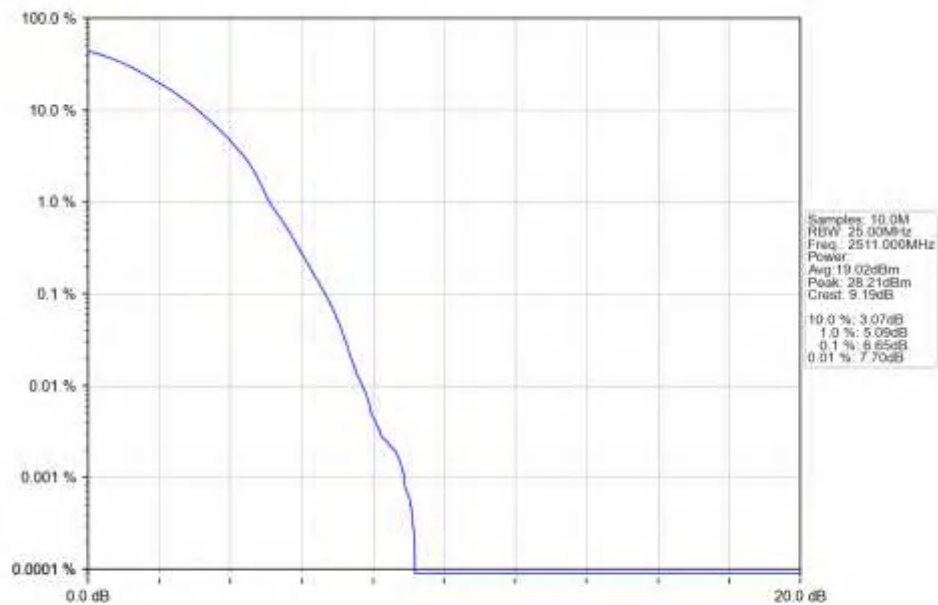
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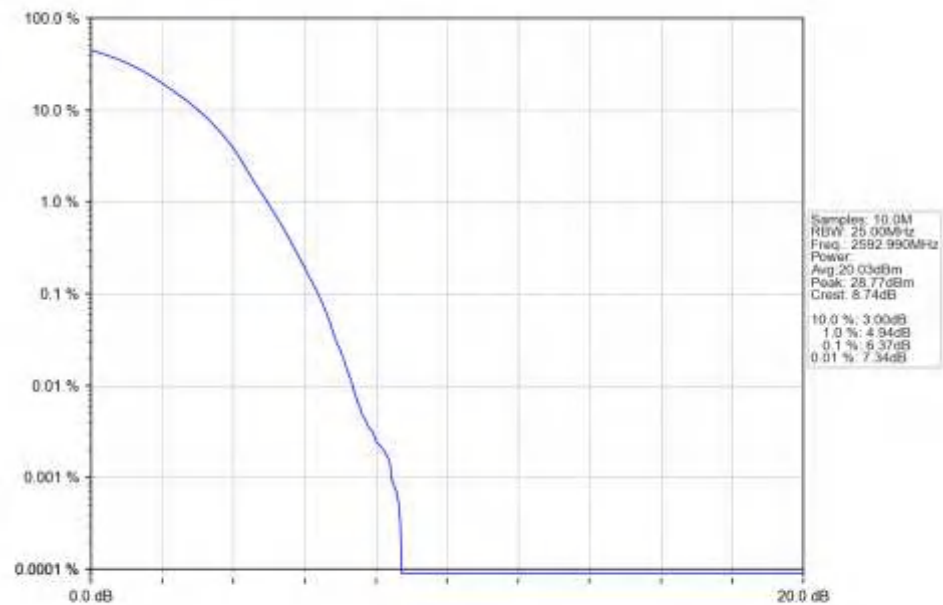
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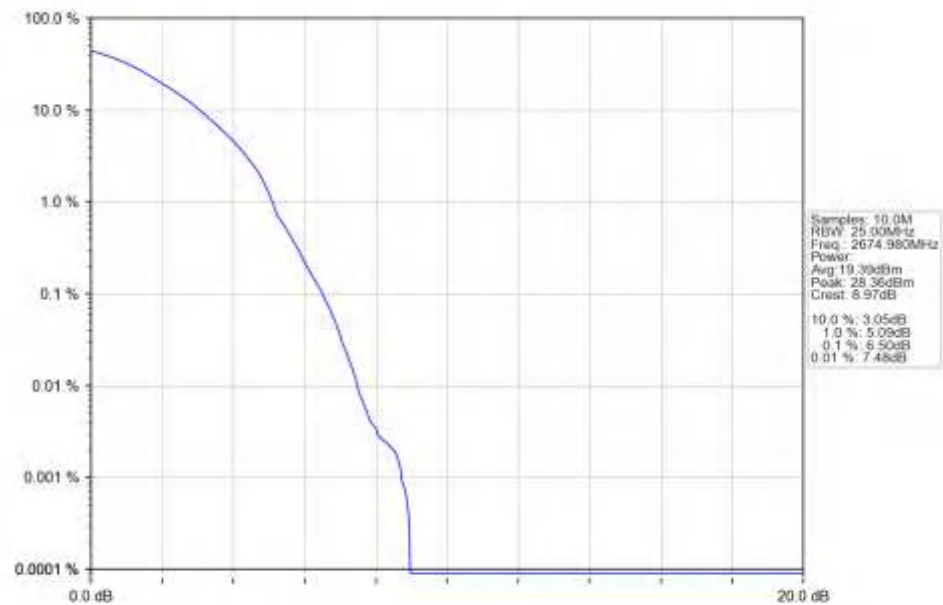
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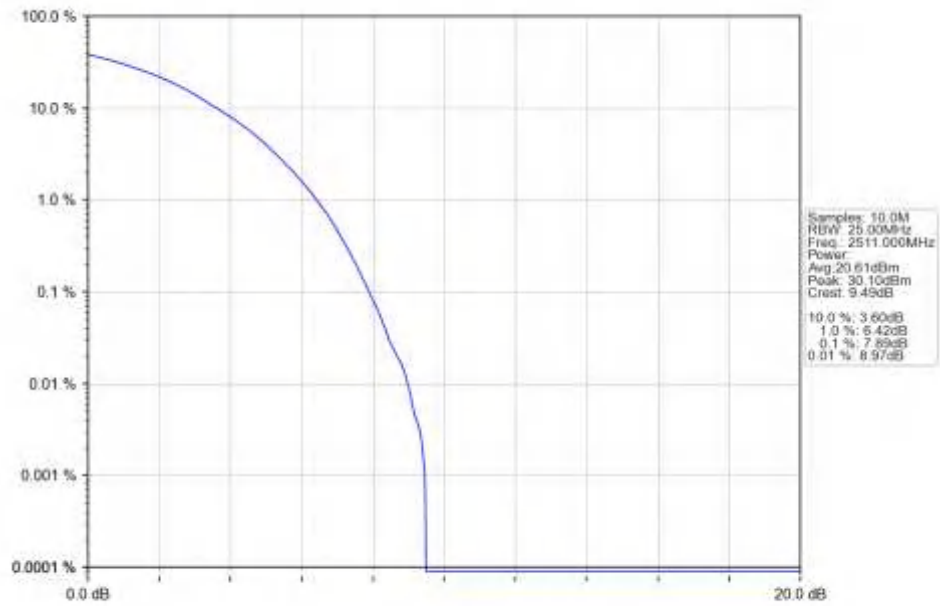
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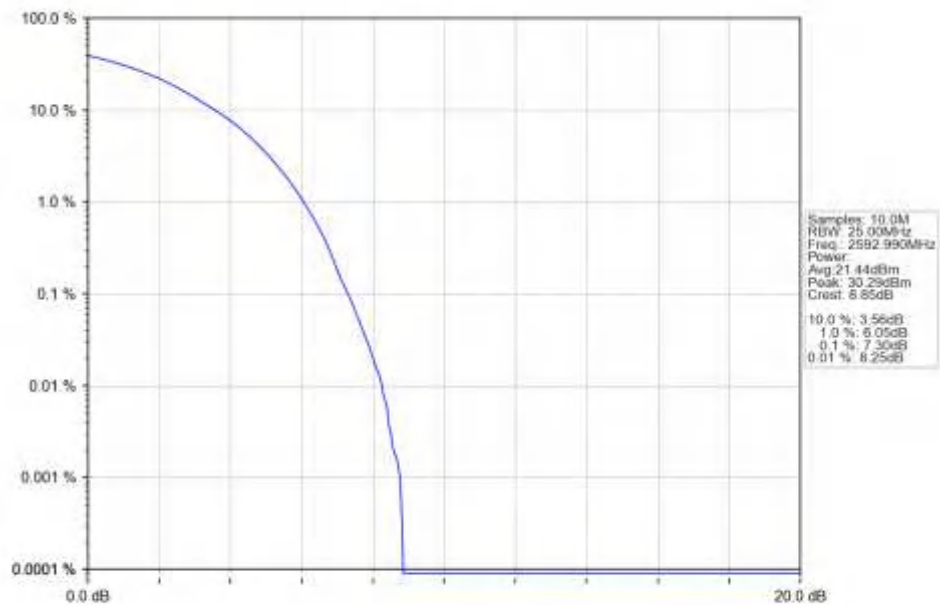
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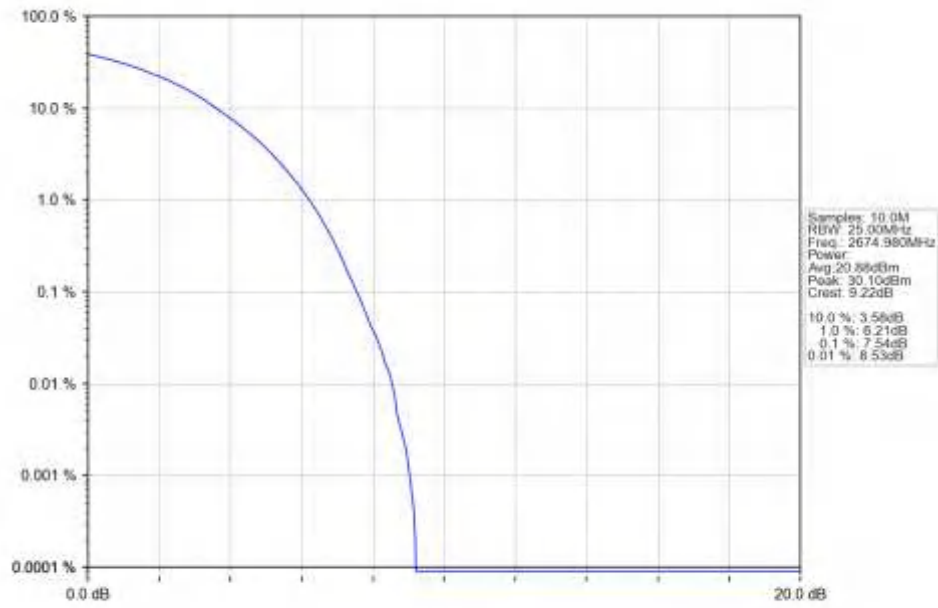
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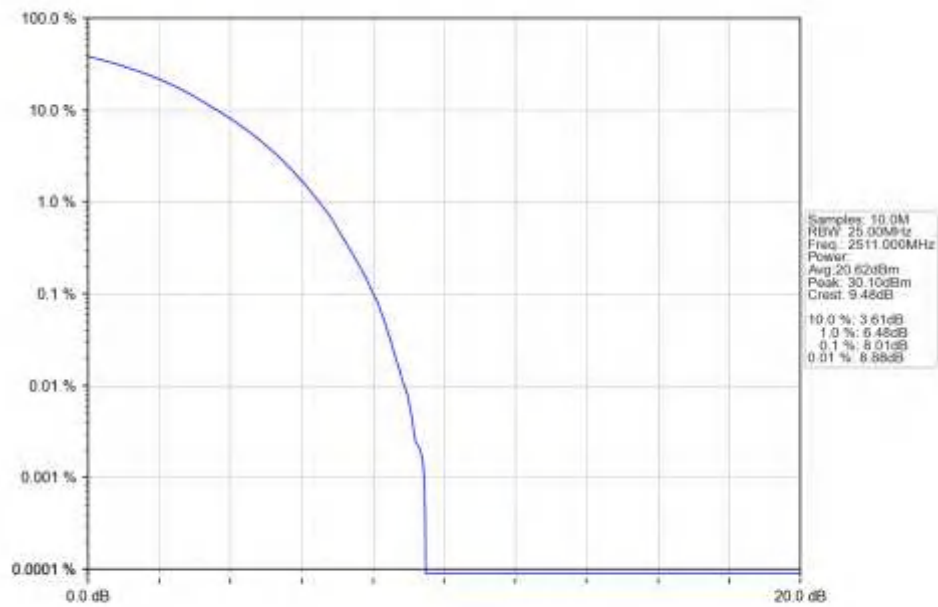
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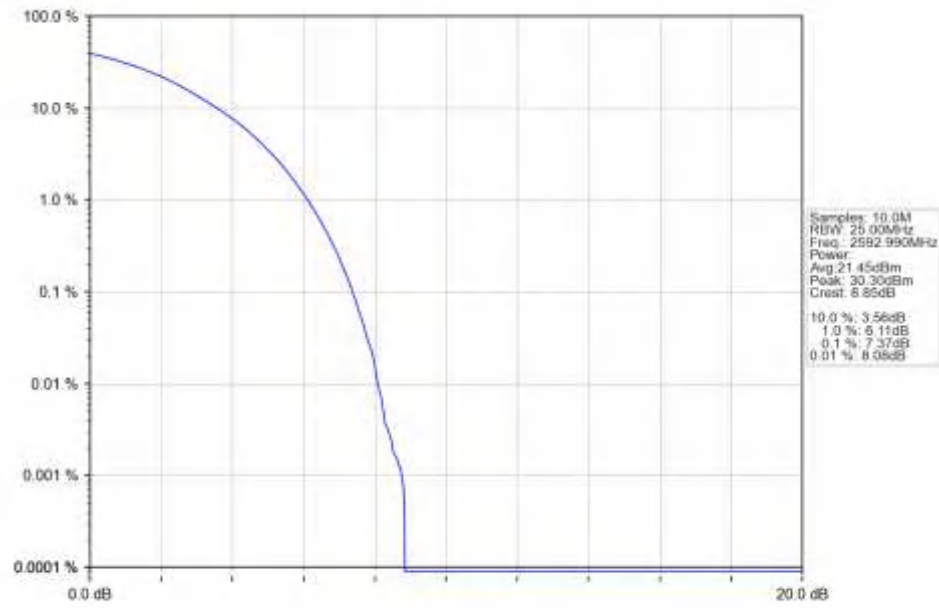
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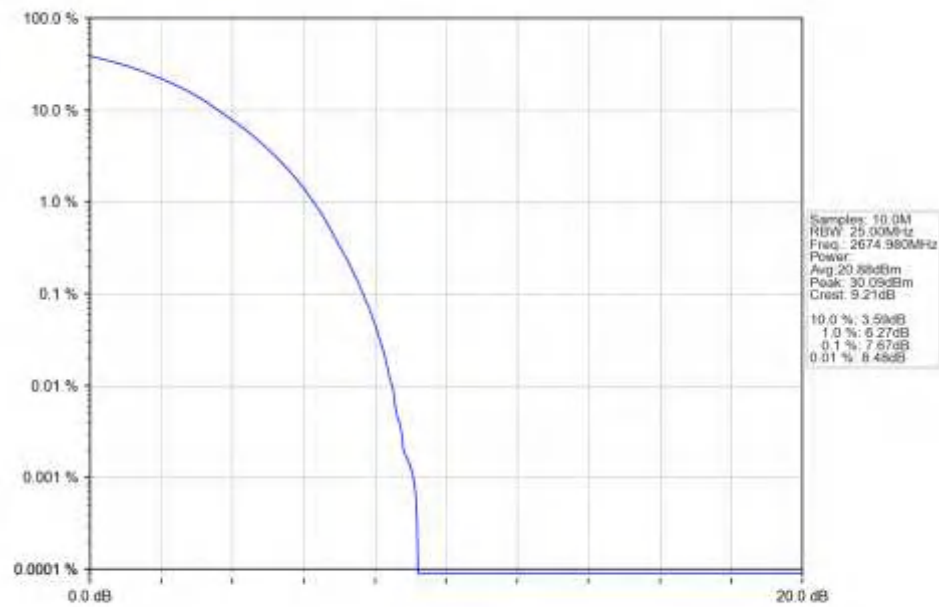
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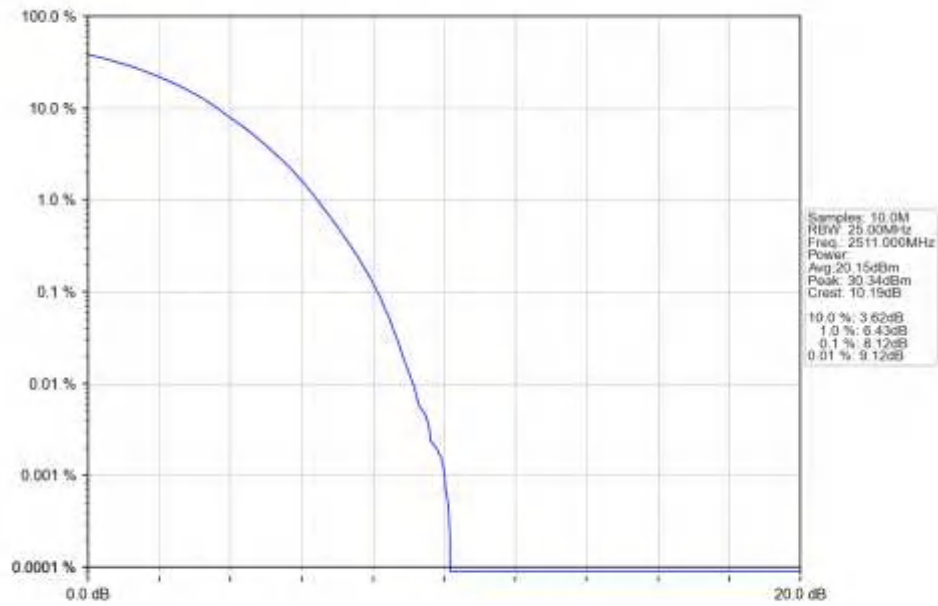
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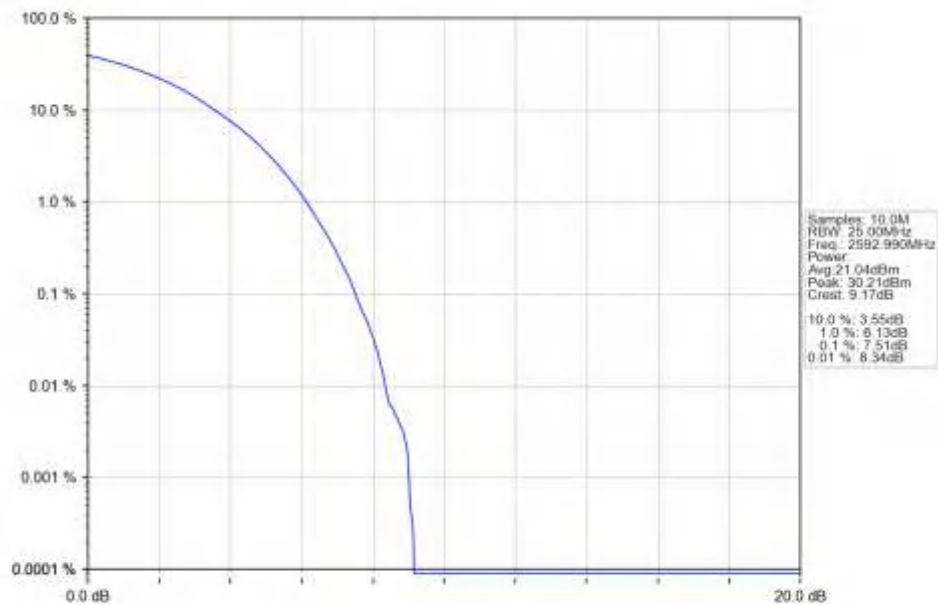
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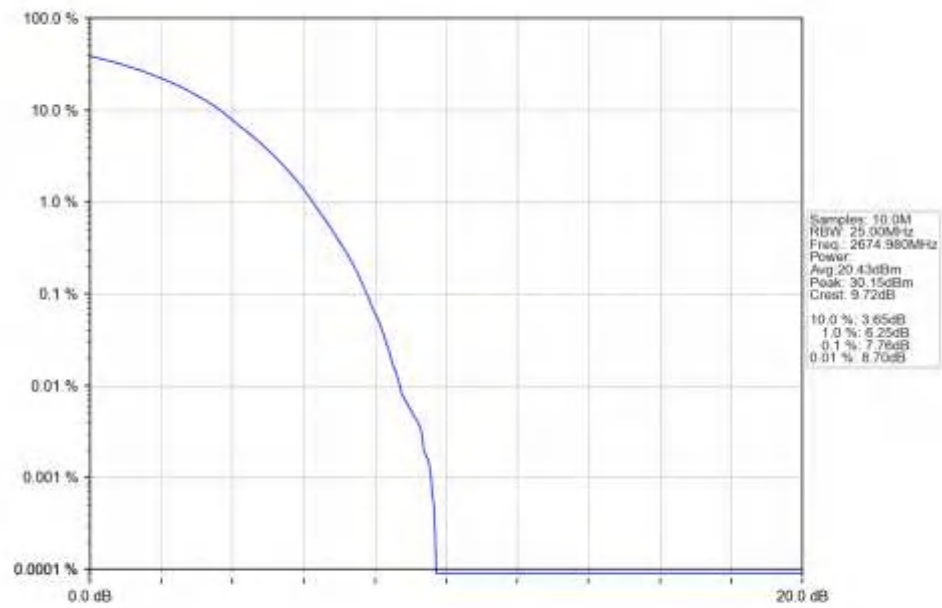
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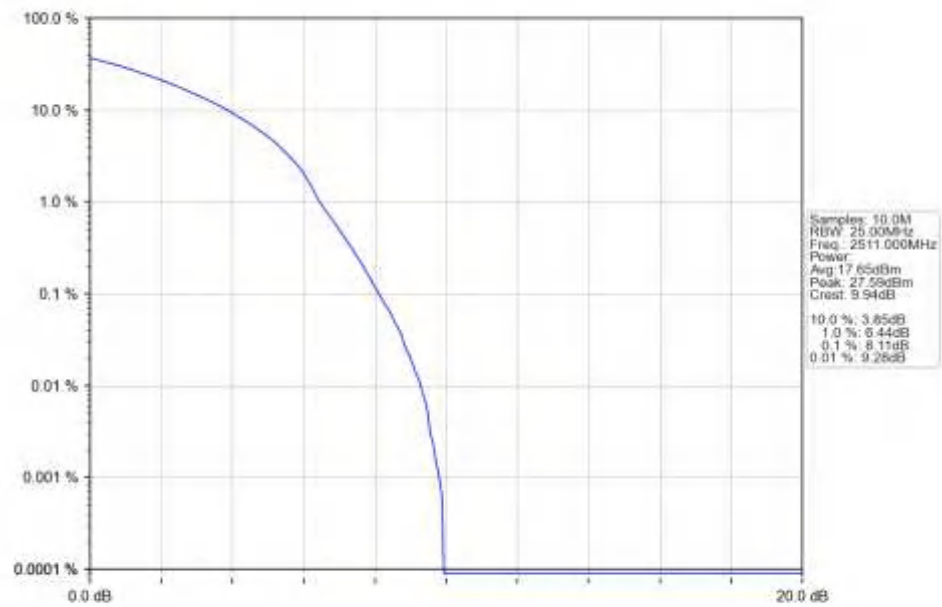
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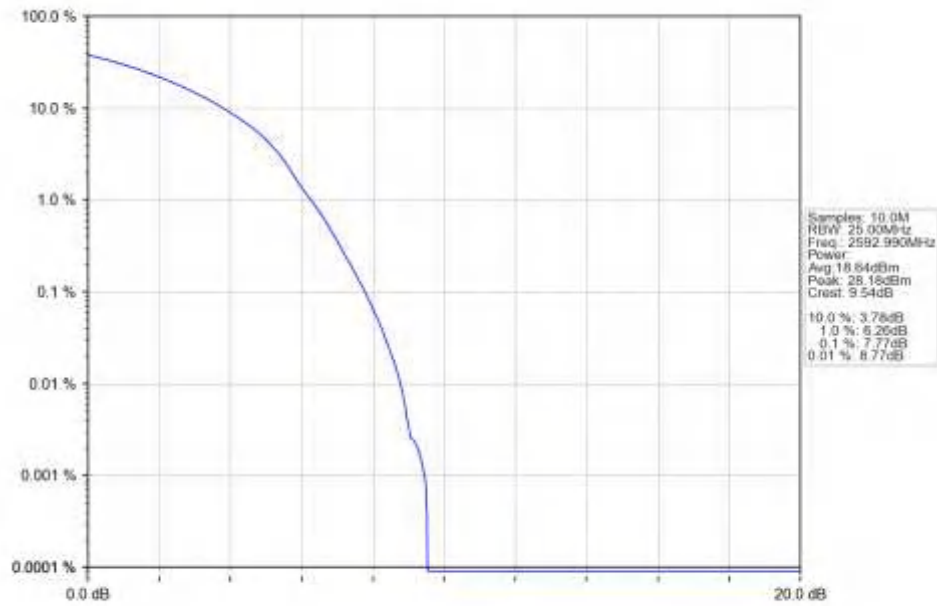
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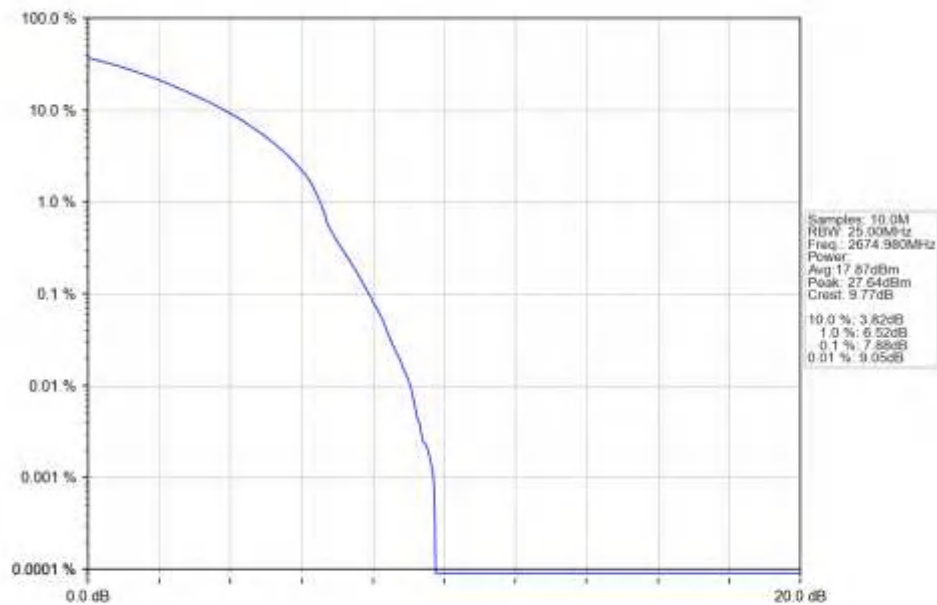
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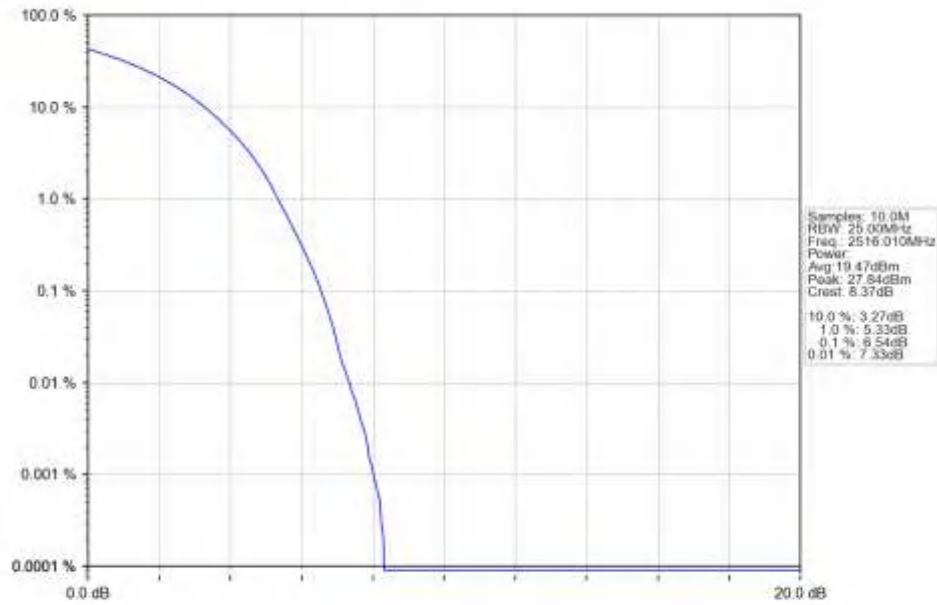


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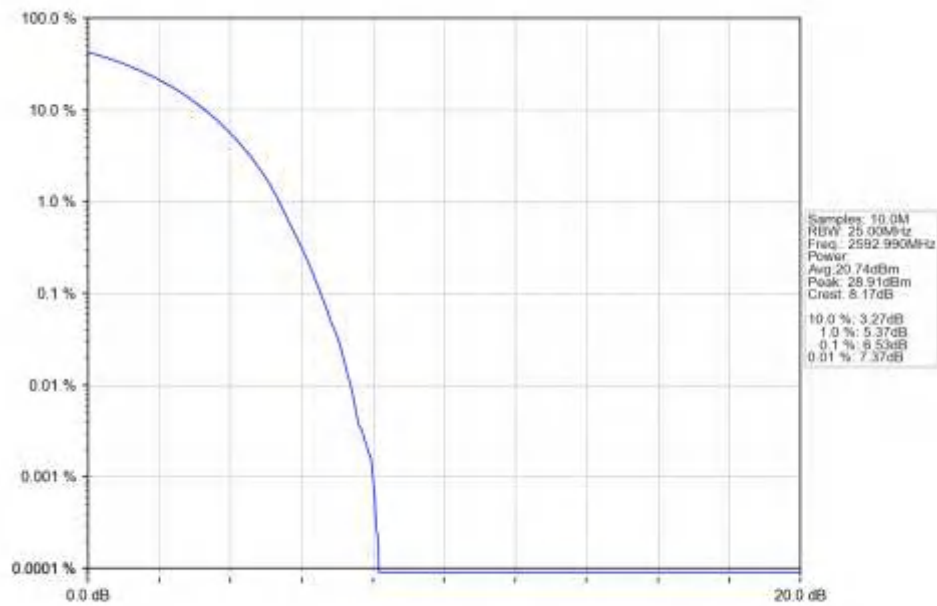


5.2.5 30k_SISO_40MHz_NTNV

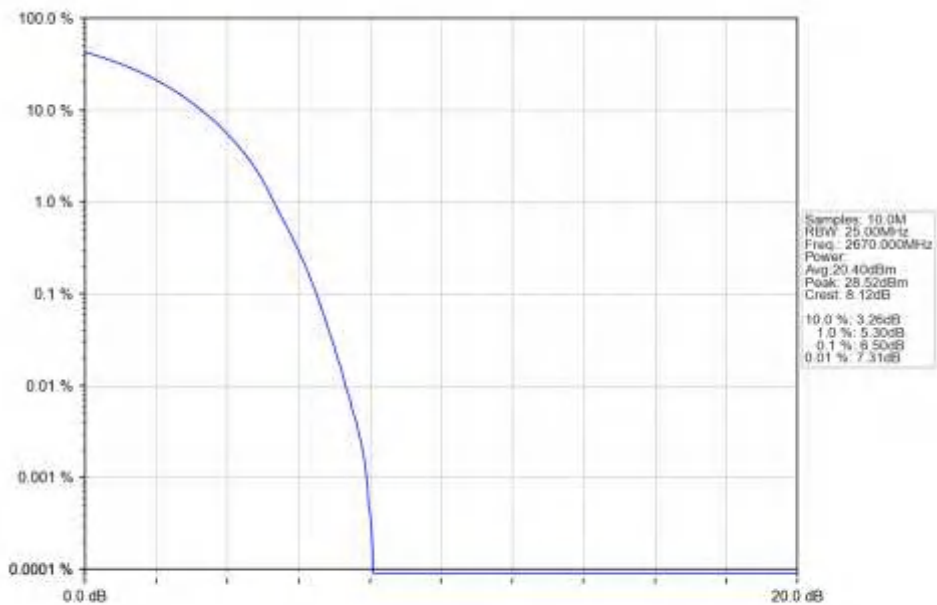
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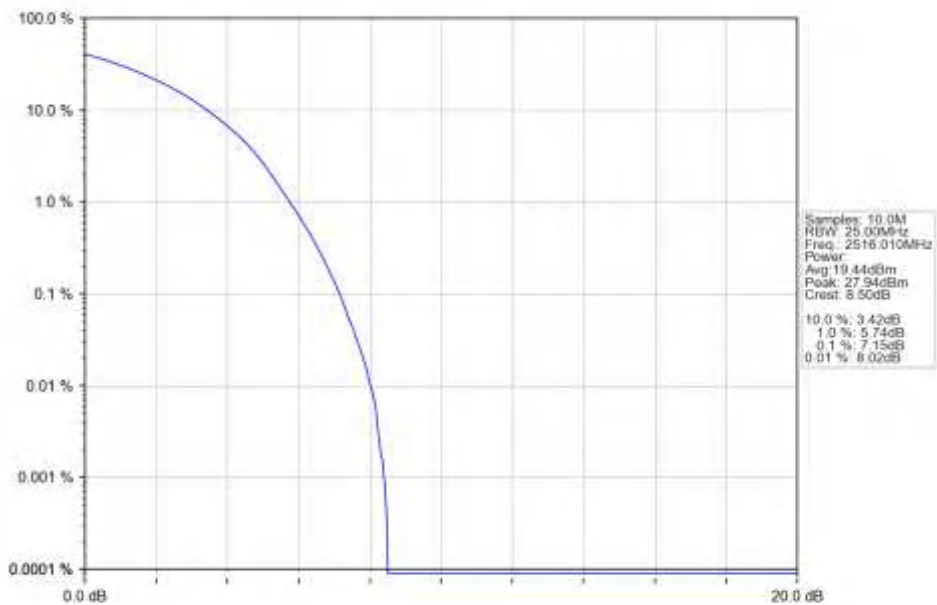
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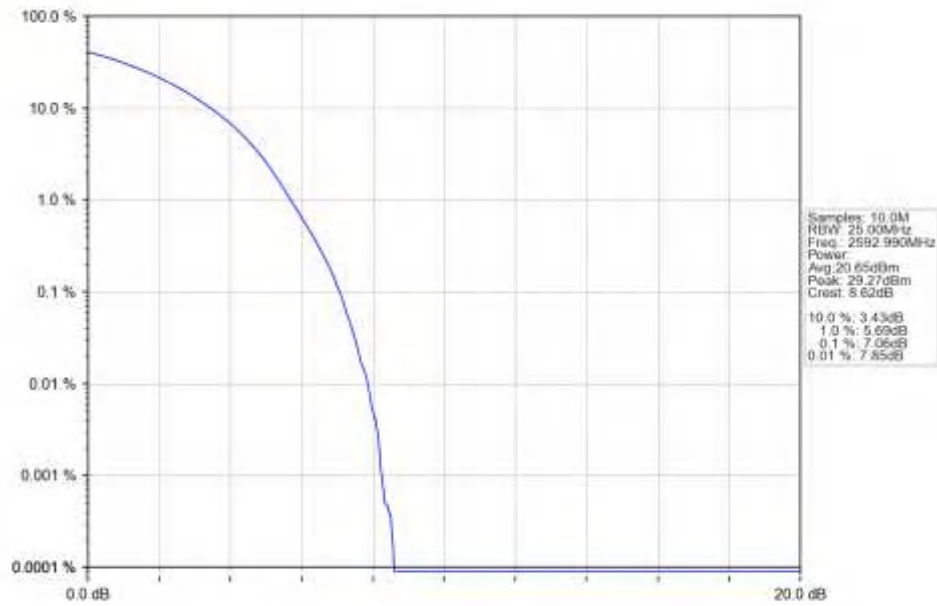
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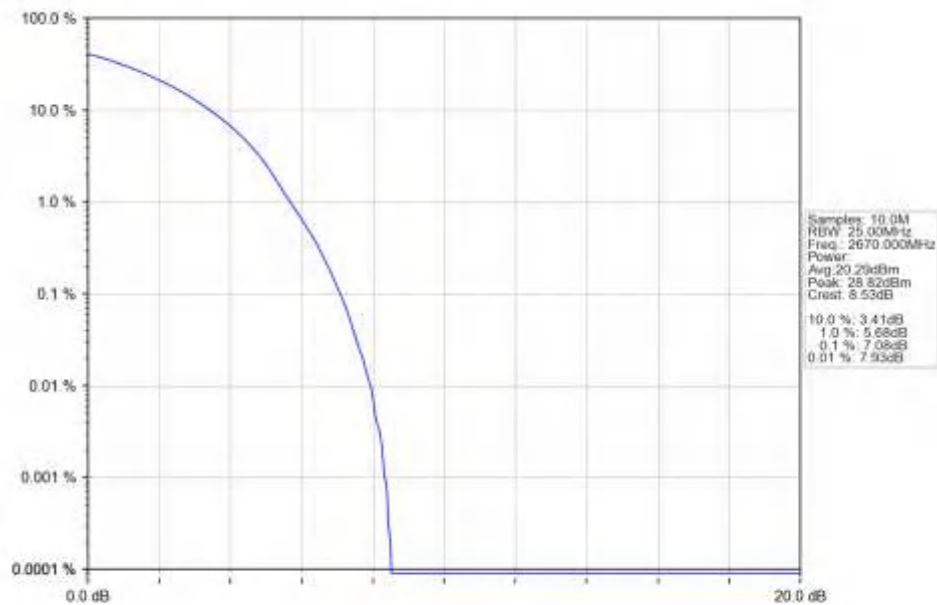
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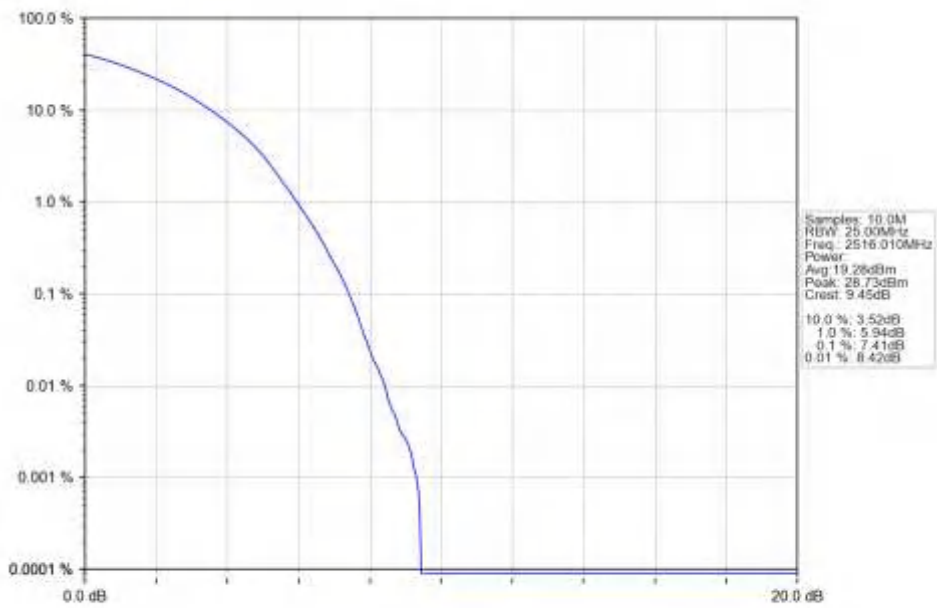
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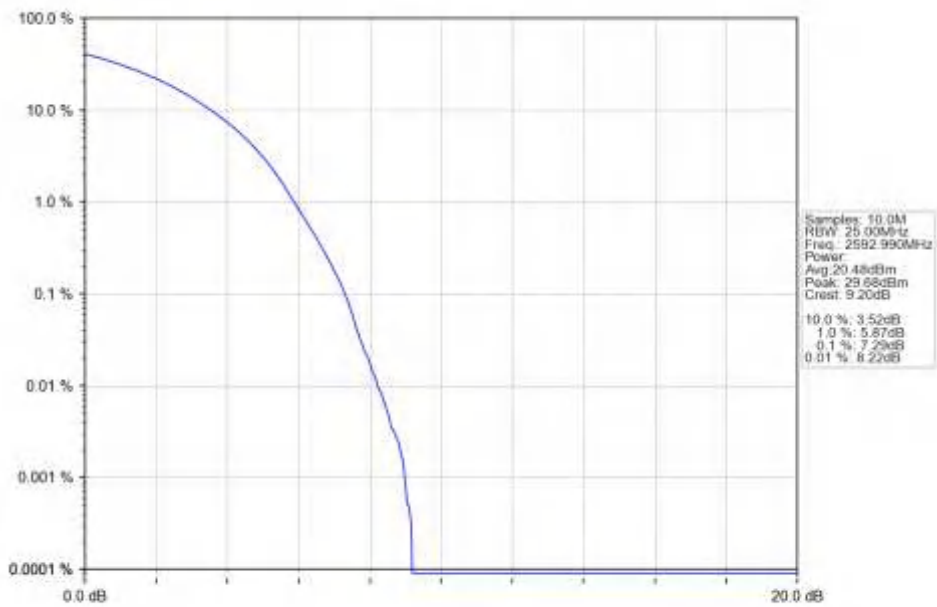
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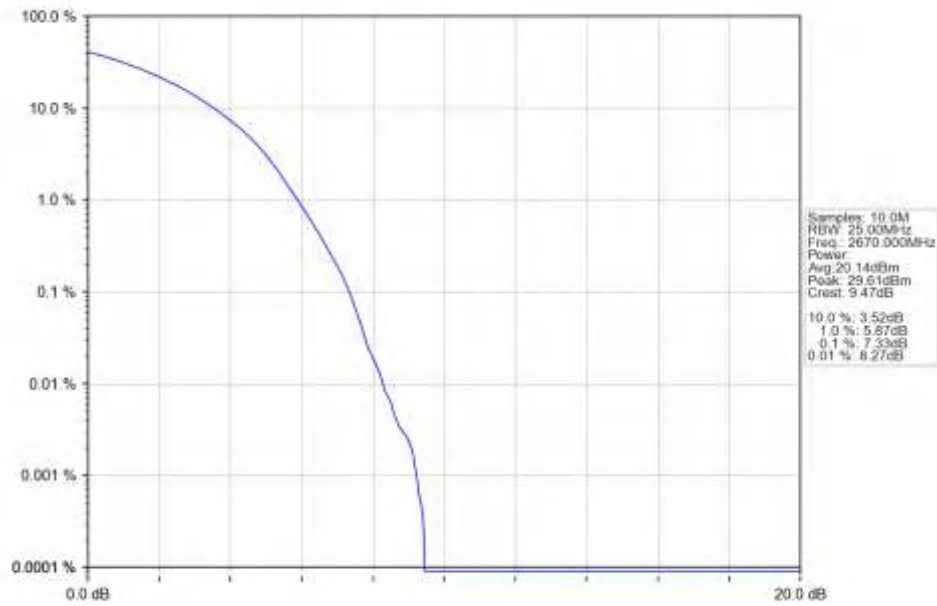
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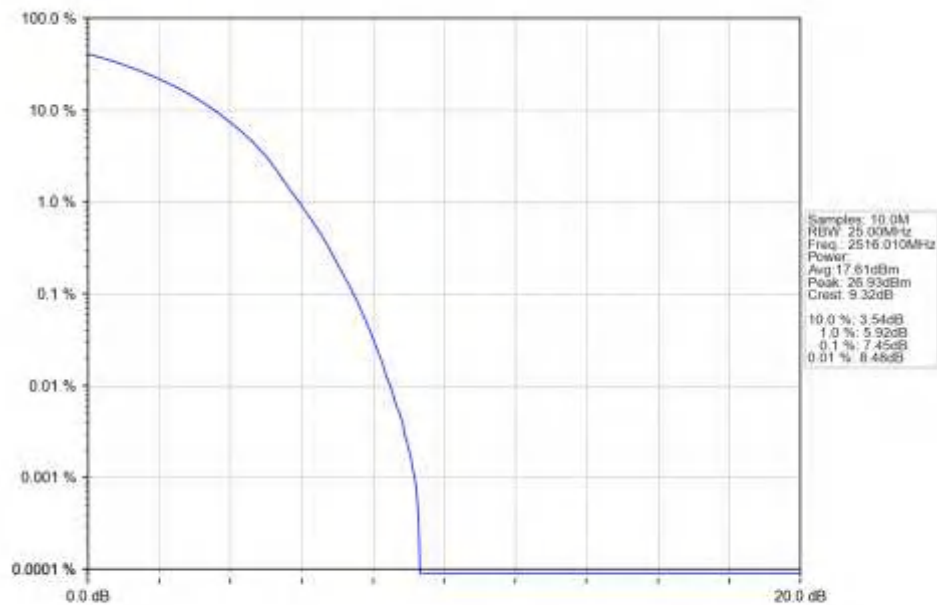
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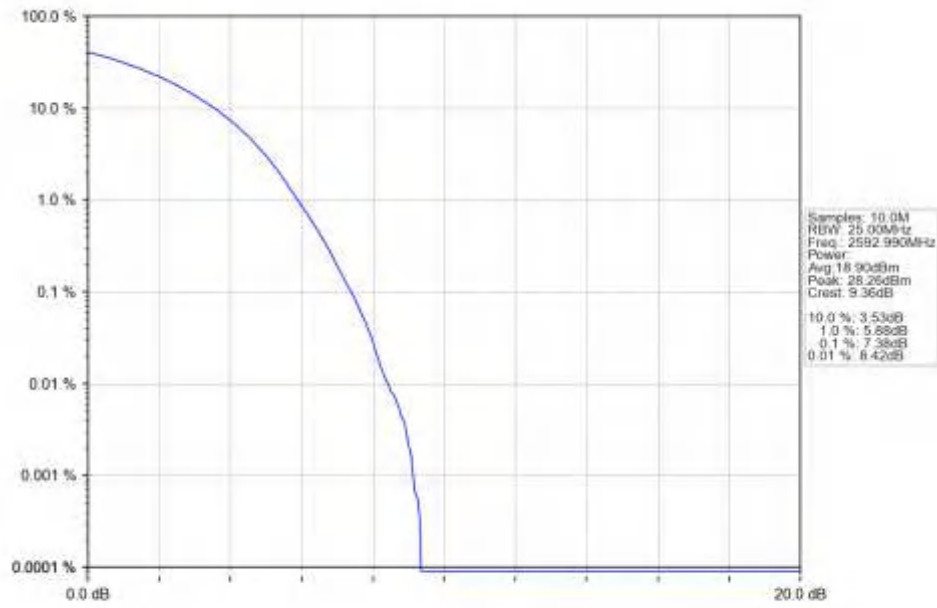
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n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_2516.01MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_2670MHz_Outer_Full_Ant1

