

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	24.24	/	/	22.94	/	/	<=33	Pass
		Edge_1RB_Right	24.36	/	/	23.06	/	/	<=33	Pass
		Outer_Full	24.41	/	/	23.11	/	/	<=33	Pass
		Inner_Full	24.50	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Left	24.27	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Right	24.43	/	/	23.13	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.21	/	/	22.91	/	/	<=33	Pass
		Edge_1RB_Right	24.20	/	/	22.90	/	/	<=33	Pass
		Outer_Full	24.26	/	/	22.96	/	/	<=33	Pass
		Inner_Full	24.24	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Right	24.22	/	/	22.92	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	24.33	/	/	23.03	/	/	<=33	Pass
		Edge_1RB_Right	24.36	/	/	23.06	/	/	<=33	Pass
		Outer_Full	24.43	/	/	23.13	/	/	<=33	Pass
		Inner_Full	24.41	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	24.30	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Right	24.36	/	/	23.06	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	24.64	/	/	23.34	/	/	<=33	Pass
		Edge_1RB_Right	24.79	/	/	23.49	/	/	<=33	Pass
		Outer_Full	24.63	/	/	23.33	/	/	<=33	Pass
		Inner_Full	24.53	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Right	24.88	/	/	23.58	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.81	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	24.57	/	/	23.27	/	/	<=33	Pass
		Outer_Full	24.50	/	/	23.20	/	/	<=33	Pass
		Inner_Full	24.42	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Left	24.67	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Right	24.54	/	/	23.24	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	24.74	/	/	23.44	/	/	<=33	Pass
		Edge_1RB_Right	24.77	/	/	23.47	/	/	<=33	Pass
		Outer_Full	24.31	/	/	23.01	/	/	<=33	Pass
		Inner_Full	24.53	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	24.63	/	/	23.33	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	23.76	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	23.93	/	/	22.63	/	/	<=33	Pass
		Outer_Full	23.54	/	/	22.24	/	/	<=33	Pass
		Inner_Full	24.51	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Left	24.70	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	23.63	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.58	/	/	22.28	/	/	<=33	Pass
		Edge_1RB_Right	23.63	/	/	22.33	/	/	<=33	Pass
		Outer_Full	23.46	/	/	22.16	/	/	<=33	Pass
		Inner_Full	24.64	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Left	24.79	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	23.36	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	23.73	/	/	22.43	/	/	<=33	Pass

		Edge 1RB Right	23.84	/	/	22.54	/	/	<=33	Pass
		Outer Full	23.49	/	/	22.19	/	/	<=33	Pass
		Inner Full	24.46	/	/	23.16	/	/	<=33	Pass
		Inner 1RB Left	24.81	/	/	23.51	/	/	<=33	Pass
		Inner 1RB Right	24.97	/	/	23.67	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge 1RB Left	23.16	/	/	21.86	/	/	<=33	Pass
		Edge 1RB Right	23.15	/	/	21.85	/	/	<=33	Pass
		Outer Full	23.26	/	/	21.96	/	/	<=33	Pass
		Inner Full	23.11	/	/	21.81	/	/	<=33	Pass
		Inner 1RB Left	23.18	/	/	21.88	/	/	<=33	Pass
		Inner 1RB Right	23.23	/	/	21.93	/	/	<=33	Pass
	2535	Edge 1RB Left	23.10	/	/	21.80	/	/	<=33	Pass
		Edge 1RB Right	23.12	/	/	21.82	/	/	<=33	Pass
		Outer Full	23.11	/	/	21.81	/	/	<=33	Pass
		Inner Full	22.93	/	/	21.63	/	/	<=33	Pass
		Inner 1RB Left	23.12	/	/	21.82	/	/	<=33	Pass
		Inner 1RB Right	23.15	/	/	21.85	/	/	<=33	Pass
	2567.5	Edge 1RB Left	23.17	/	/	21.87	/	/	<=33	Pass
		Edge 1RB Right	23.17	/	/	21.87	/	/	<=33	Pass
		Outer Full	23.17	/	/	21.87	/	/	<=33	Pass
		Inner Full	23.08	/	/	21.78	/	/	<=33	Pass
		Inner 1RB Left	23.21	/	/	21.91	/	/	<=33	Pass
		Inner 1RB Right	23.19	/	/	21.89	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Edge 1RB Left	20.74	/	/	19.44	/	/	<=33	Pass
		Edge 1RB Right	20.85	/	/	19.55	/	/	<=33	Pass
		Outer Full	21.12	/	/	19.82	/	/	<=33	Pass
		Inner Full	21.08	/	/	19.78	/	/	<=33	Pass
		Inner 1RB Left	20.72	/	/	19.42	/	/	<=33	Pass
		Inner 1RB Right	20.92	/	/	19.62	/	/	<=33	Pass
	2535	Edge 1RB Left	20.68	/	/	19.38	/	/	<=33	Pass
		Edge 1RB Right	20.71	/	/	19.41	/	/	<=33	Pass
		Outer Full	20.88	/	/	19.58	/	/	<=33	Pass
		Inner Full	20.93	/	/	19.63	/	/	<=33	Pass
		Inner 1RB Left	20.67	/	/	19.37	/	/	<=33	Pass
		Inner 1RB Right	20.68	/	/	19.38	/	/	<=33	Pass
	2567.5	Edge 1RB Left	20.72	/	/	19.42	/	/	<=33	Pass
		Edge 1RB Right	20.82	/	/	19.52	/	/	<=33	Pass
		Outer Full	21.06	/	/	19.76	/	/	<=33	Pass
		Inner Full	21.04	/	/	19.74	/	/	<=33	Pass
		Inner 1RB Left	20.71	/	/	19.41	/	/	<=33	Pass
		Inner 1RB Right	20.84	/	/	19.54	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Edge 1RB Left	22.48	/	/	21.18	/	/	<=33	Pass
		Edge 1RB Right	22.75	/	/	21.45	/	/	<=33	Pass
		Outer Full	22.76	/	/	21.46	/	/	<=33	Pass
		Inner Full	24.20	/	/	22.90	/	/	<=33	Pass
		Inner 1RB Left	24.26	/	/	22.96	/	/	<=33	Pass
		Inner 1RB Right	24.12	/	/	22.82	/	/	<=33	Pass
	2535	Edge 1RB Left	22.48	/	/	21.18	/	/	<=33	Pass
		Edge 1RB Right	22.41	/	/	21.11	/	/	<=33	Pass
		Outer Full	22.48	/	/	21.18	/	/	<=33	Pass
		Inner Full	23.95	/	/	22.65	/	/	<=33	Pass
		Inner 1RB Left	23.79	/	/	22.49	/	/	<=33	Pass
		Inner 1RB Right	23.81	/	/	22.51	/	/	<=33	Pass
	2567.5	Edge 1RB Left	22.83	/	/	21.53	/	/	<=33	Pass
		Edge 1RB Right	22.59	/	/	21.29	/	/	<=33	Pass
		Outer Full	22.40	/	/	21.10	/	/	<=33	Pass
		Inner Full	24.30	/	/	23.00	/	/	<=33	Pass
		Inner 1RB Left	23.98	/	/	22.68	/	/	<=33	Pass
		Inner 1RB Right	24.03	/	/	22.73	/	/	<=33	Pass

CP-OFDM 16 QAM	2502.5	Edge_1RB_Left	22.60	/	/	21.30	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	21.48	/	/	<=33	Pass
		Outer_Full	22.50	/	/	21.20	/	/	<=33	Pass
		Inner_Full	23.62	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Left	23.51	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Right	23.76	/	/	22.46	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.40	/	/	21.10	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.13	/	/	<=33	Pass
		Outer_Full	22.39	/	/	21.09	/	/	<=33	Pass
		Inner_Full	23.80	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Left	23.47	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Right	23.53	/	/	22.23	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.51	/	/	21.21	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	21.28	/	/	<=33	Pass
		Outer_Full	22.51	/	/	21.21	/	/	<=33	Pass
		Inner_Full	23.62	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Left	23.62	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	22.33	/	/	<=33	Pass
CP-OFDM 64 QAM	2502.5	Edge_1RB_Left	22.10	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	20.89	/	/	<=33	Pass
		Outer_Full	22.26	/	/	20.96	/	/	<=33	Pass
		Inner_Full	22.11	/	/	20.81	/	/	<=33	Pass
		Inner_1RB_Left	22.12	/	/	20.82	/	/	<=33	Pass
		Inner_1RB_Right	22.24	/	/	20.94	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.00	/	/	20.70	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	20.70	/	/	<=33	Pass
		Outer_Full	22.07	/	/	20.77	/	/	<=33	Pass
		Inner_Full	21.91	/	/	20.61	/	/	<=33	Pass
		Inner_1RB_Left	22.03	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	22.01	/	/	20.71	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.12	/	/	20.82	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	20.86	/	/	<=33	Pass
		Outer_Full	22.15	/	/	20.85	/	/	<=33	Pass
		Inner_Full	22.16	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Left	22.10	/	/	20.80	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	20.89	/	/	<=33	Pass
CP-OFDM 256 QAM	2502.5	Edge_1RB_Left	18.78	/	/	17.48	/	/	<=33	Pass
		Edge_1RB_Right	18.92	/	/	17.62	/	/	<=33	Pass
		Outer_Full	19.14	/	/	17.84	/	/	<=33	Pass
		Inner_Full	19.15	/	/	17.85	/	/	<=33	Pass
		Inner_1RB_Left	18.80	/	/	17.50	/	/	<=33	Pass
		Inner_1RB_Right	19.02	/	/	17.72	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.65	/	/	17.35	/	/	<=33	Pass
		Edge_1RB_Right	18.70	/	/	17.40	/	/	<=33	Pass
		Outer_Full	18.92	/	/	17.62	/	/	<=33	Pass
		Inner_Full	18.92	/	/	17.62	/	/	<=33	Pass
		Inner_1RB_Left	18.65	/	/	17.35	/	/	<=33	Pass
		Inner_1RB_Right	18.68	/	/	17.38	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	18.75	/	/	17.45	/	/	<=33	Pass
		Edge_1RB_Right	18.85	/	/	17.55	/	/	<=33	Pass
		Outer_Full	19.05	/	/	17.75	/	/	<=33	Pass
		Inner_Full	19.03	/	/	17.73	/	/	<=33	Pass
		Inner_1RB_Left	18.74	/	/	17.44	/	/	<=33	Pass
		Inner_1RB_Right	18.82	/	/	17.52	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.30dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2505	Edge_1RB_Left	24.00	/	/	22.70	/	/	<=33	Pass
		Edge_1RB_Right	24.22	/	/	22.92	/	/	<=33	Pass
		Outer_Full	24.26	/	/	22.96	/	/	<=33	Pass
		Inner_Full	24.33	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Left	24.01	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Right	24.28	/	/	22.98	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.17	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	24.23	/	/	22.93	/	/	<=33	Pass
		Outer_Full	24.33	/	/	23.03	/	/	<=33	Pass
		Inner_Full	24.34	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	22.82	/	/	<=33	Pass
		Inner_1RB_Right	24.23	/	/	22.93	/	/	<=33	Pass
	2565	Edge_1RB_Left	24.24	/	/	22.94	/	/	<=33	Pass
		Edge_1RB_Right	24.32	/	/	23.02	/	/	<=33	Pass
		Outer_Full	24.38	/	/	23.08	/	/	<=33	Pass
		Inner_Full	24.48	/	/	23.18	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	24.40	/	/	23.10	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge_1RB_Left	24.48	/	/	23.18	/	/	<=33	Pass
		Edge_1RB_Right	24.76	/	/	23.46	/	/	<=33	Pass
		Outer_Full	24.49	/	/	23.19	/	/	<=33	Pass
		Inner_Full	24.52	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	24.82	/	/	23.52	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.62	/	/	23.32	/	/	<=33	Pass
		Edge_1RB_Right	24.53	/	/	23.23	/	/	<=33	Pass
		Outer_Full	24.56	/	/	23.26	/	/	<=33	Pass
		Inner_Full	24.44	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	24.65	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	24.62	/	/	23.32	/	/	<=33	Pass
	2565	Edge_1RB_Left	24.59	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	24.70	/	/	23.40	/	/	<=33	Pass
		Outer_Full	24.52	/	/	23.22	/	/	<=33	Pass
		Inner_Full	24.52	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Left	24.70	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Right	24.60	/	/	23.30	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge_1RB_Left	23.47	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	23.97	/	/	22.67	/	/	<=33	Pass
		Outer_Full	23.43	/	/	22.13	/	/	<=33	Pass
		Inner_Full	24.52	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	24.74	/	/	23.44	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.70	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	23.63	/	/	22.33	/	/	<=33	Pass
		Outer_Full	23.45	/	/	22.15	/	/	<=33	Pass
		Inner_Full	24.43	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	24.45	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	24.80	/	/	23.50	/	/	<=33	Pass
	2565	Edge_1RB_Left	23.62	/	/	22.32	/	/	<=33	Pass
		Edge_1RB_Right	23.72	/	/	22.42	/	/	<=33	Pass
		Outer_Full	23.78	/	/	22.48	/	/	<=33	Pass
		Inner_Full	24.51	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Left	24.65	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	24.69	/	/	23.39	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge_1RB_Left	22.84	/	/	21.54	/	/	<=33	Pass
		Edge_1RB_Right	23.20	/	/	21.90	/	/	<=33	Pass

		Outer_Full	23.10	/	/	21.80	/	/	<=33	Pass
		Inner_Full	23.13	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Right	23.26	/	/	21.96	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.06	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	21.71	/	/	<=33	Pass
		Outer_Full	22.99	/	/	21.69	/	/	<=33	Pass
		Inner_Full	23.05	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Left	23.08	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	21.76	/	/	<=33	Pass
	2565	Edge_1RB_Left	23.17	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	23.33	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.05	/	/	21.75	/	/	<=33	Pass
		Inner_Full	23.02	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	22.24	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Edge_1RB_Left	20.34	/	/	19.04	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	19.52	/	/	<=33	Pass
		Outer_Full	21.04	/	/	19.74	/	/	<=33	Pass
		Inner_Full	20.97	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Left	20.38	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Right	20.80	/	/	19.50	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.72	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	19.45	/	/	<=33	Pass
		Outer_Full	20.89	/	/	19.59	/	/	<=33	Pass
		Inner_Full	20.90	/	/	19.60	/	/	<=33	Pass
		Inner_1RB_Left	20.68	/	/	19.38	/	/	<=33	Pass
		Inner_1RB_Right	20.67	/	/	19.37	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.66	/	/	19.36	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	19.44	/	/	<=33	Pass
		Outer_Full	20.98	/	/	19.68	/	/	<=33	Pass
		Inner_Full	20.98	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	20.62	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Right	20.73	/	/	19.43	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge_1RB_Left	22.33	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	21.35	/	/	<=33	Pass
		Outer_Full	22.53	/	/	21.23	/	/	<=33	Pass
		Inner_Full	24.07	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	24.04	/	/	22.74	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.50	/	/	21.20	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	21.29	/	/	<=33	Pass
		Outer_Full	22.54	/	/	21.24	/	/	<=33	Pass
		Inner_Full	23.77	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	23.86	/	/	22.56	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	22.65	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.51	/	/	21.21	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.33	/	/	<=33	Pass
		Outer_Full	22.53	/	/	21.23	/	/	<=33	Pass
		Inner_Full	24.11	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Right	24.10	/	/	22.80	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge_1RB_Left	22.25	/	/	20.95	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	21.37	/	/	<=33	Pass
		Outer_Full	22.54	/	/	21.24	/	/	<=33	Pass
		Inner_Full	23.56	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Left	23.33	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Right	23.72	/	/	22.42	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.49	/	/	21.19	/	/	<=33	Pass

		Edge_1RB_Right	22.57	/	/	21.27	/	/	<=33	Pass
		Outer_Full	22.49	/	/	21.19	/	/	<=33	Pass
		Inner_Full	23.74	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	22.33	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.70	/	/	21.40	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	21.42	/	/	<=33	Pass
		Outer_Full	22.73	/	/	21.43	/	/	<=33	Pass
		Inner_Full	23.58	/	/	22.28	/	/	<=33	Pass
		Inner_1RB_Left	23.47	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Right	23.60	/	/	22.30	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Edge_1RB_Left	21.90	/	/	20.60	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	20.78	/	/	<=33	Pass
		Outer_Full	22.03	/	/	20.73	/	/	<=33	Pass
		Inner_Full	22.11	/	/	20.81	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	20.27	/	/	<=33	Pass
		Inner_1RB_Right	22.02	/	/	20.72	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.92	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	20.65	/	/	<=33	Pass
		Outer_Full	22.09	/	/	20.79	/	/	<=33	Pass
		Inner_Full	22.08	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Left	21.88	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Right	21.91	/	/	20.61	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.10	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	20.83	/	/	<=33	Pass
		Outer_Full	22.16	/	/	20.86	/	/	<=33	Pass
Inner_Full		22.20	/	/	20.90	/	/	<=33	Pass	
Inner_1RB_Left		22.04	/	/	20.74	/	/	<=33	Pass	
Inner_1RB_Right		22.09	/	/	20.79	/	/	<=33	Pass	
CP-OFDM 256 QAM	2505	Edge_1RB_Left	18.51	/	/	17.21	/	/	<=33	Pass
		Edge_1RB_Right	18.91	/	/	17.61	/	/	<=33	Pass
		Outer_Full	19.06	/	/	17.76	/	/	<=33	Pass
		Inner_Full	18.95	/	/	17.65	/	/	<=33	Pass
		Inner_1RB_Left	18.46	/	/	17.16	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	17.59	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.58	/	/	17.28	/	/	<=33	Pass
		Edge_1RB_Right	18.74	/	/	17.44	/	/	<=33	Pass
		Outer_Full	19.09	/	/	17.79	/	/	<=33	Pass
		Inner_Full	19.03	/	/	17.73	/	/	<=33	Pass
		Inner_1RB_Left	18.69	/	/	17.39	/	/	<=33	Pass
		Inner_1RB_Right	18.70	/	/	17.40	/	/	<=33	Pass
	2565	Edge_1RB_Left	18.76	/	/	17.46	/	/	<=33	Pass
		Edge_1RB_Right	18.83	/	/	17.53	/	/	<=33	Pass
		Outer_Full	19.09	/	/	17.79	/	/	<=33	Pass
Inner_Full		18.99	/	/	17.69	/	/	<=33	Pass	
Inner_1RB_Left		18.77	/	/	17.47	/	/	<=33	Pass	
		Inner_1RB_Right	18.83	/	/	17.53	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.30dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2507.5	Edge_1RB_Left	24.30	/	/	23.00	/	/	<=33	Pass
		Edge_1RB_Right	24.51	/	/	23.21	/	/	<=33	Pass
		Outer_Full	24.64	/	/	23.34	/	/	<=33	Pass

		Inner_Full	24.50	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Left	24.36	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	24.51	/	/	23.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.42	/	/	23.12	/	/	<=33	Pass
		Edge_1RB_Right	24.33	/	/	23.03	/	/	<=33	Pass
		Outer_Full	24.41	/	/	23.11	/	/	<=33	Pass
		Inner_Full	24.47	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Left	24.44	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	24.34	/	/	23.04	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.51	/	/	23.21	/	/	<=33	Pass
		Edge_1RB_Right	24.44	/	/	23.14	/	/	<=33	Pass
		Outer_Full	24.65	/	/	23.35	/	/	<=33	Pass
		Inner_Full	24.71	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Left	24.49	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Right	24.55	/	/	23.25	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	24.88	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	24.87	/	/	23.57	/	/	<=33	Pass
		Outer_Full	24.80	/	/	23.50	/	/	<=33	Pass
		Inner_Full	24.88	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	24.75	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Right	25.00	/	/	23.70	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.90	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	24.86	/	/	23.56	/	/	<=33	Pass
		Outer_Full	24.78	/	/	23.48	/	/	<=33	Pass
		Inner_Full	24.77	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	24.98	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	24.78	/	/	23.48	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.97	/	/	23.67	/	/	<=33	Pass
		Edge_1RB_Right	24.99	/	/	23.69	/	/	<=33	Pass
		Outer_Full	24.77	/	/	23.47	/	/	<=33	Pass
		Inner_Full	24.86	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Left	24.86	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Right	24.86	/	/	23.56	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	23.92	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	24.16	/	/	22.86	/	/	<=33	Pass
		Outer_Full	23.89	/	/	22.59	/	/	<=33	Pass
		Inner_Full	24.90	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	24.85	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	25.10	/	/	23.80	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.98	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	23.83	/	/	22.53	/	/	<=33	Pass
		Outer_Full	23.75	/	/	22.45	/	/	<=33	Pass
		Inner_Full	24.79	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	25.02	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	24.85	/	/	23.55	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.04	/	/	22.74	/	/	<=33	Pass
		Edge_1RB_Right	24.04	/	/	22.74	/	/	<=33	Pass
		Outer_Full	24.04	/	/	22.74	/	/	<=33	Pass
		Inner_Full	24.90	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	23.82	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge_1RB_Left	23.36	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	23.51	/	/	22.21	/	/	<=33	Pass
		Outer_Full	23.42	/	/	22.12	/	/	<=33	Pass
		Inner_Full	23.42	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Left	23.37	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	22.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.49	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	23.36	/	/	22.06	/	/	<=33	Pass

		Outer_Full	23.29	/	/	21.99	/	/	<=33	Pass
		Inner_Full	23.28	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	23.47	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Right	23.41	/	/	22.11	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	23.36	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	23.67	/	/	22.37	/	/	<=33	Pass
		Outer_Full	23.42	/	/	22.12	/	/	<=33	Pass
		Inner_Full	23.43	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Left	23.54	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	22.34	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Edge_1RB_Left	20.89	/	/	19.59	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	19.75	/	/	<=33	Pass
		Outer_Full	21.35	/	/	20.05	/	/	<=33	Pass
		Inner_Full	21.33	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	19.60	/	/	<=33	Pass
		Inner_1RB_Right	21.09	/	/	19.79	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.98	/	/	19.68	/	/	<=33	Pass
		Edge_1RB_Right	20.89	/	/	19.59	/	/	<=33	Pass
		Outer_Full	21.21	/	/	19.91	/	/	<=33	Pass
		Inner_Full	21.20	/	/	19.90	/	/	<=33	Pass
		Inner_1RB_Left	20.98	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	19.62	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.01	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	21.04	/	/	19.74	/	/	<=33	Pass
		Outer_Full	21.36	/	/	20.06	/	/	<=33	Pass
		Inner_Full	21.29	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Left	21.03	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Right	21.04	/	/	19.74	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge_1RB_Left	22.28	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Right	22.95	/	/	21.65	/	/	<=33	Pass
		Outer_Full	22.85	/	/	21.55	/	/	<=33	Pass
		Inner_Full	24.37	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	24.15	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Right	24.42	/	/	23.12	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.86	/	/	21.56	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	21.45	/	/	<=33	Pass
		Outer_Full	22.76	/	/	21.46	/	/	<=33	Pass
		Inner_Full	24.25	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Left	24.22	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	22.82	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.87	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	21.66	/	/	<=33	Pass
		Outer_Full	22.89	/	/	21.59	/	/	<=33	Pass
		Inner_Full	24.38	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Left	24.79	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	24.54	/	/	23.24	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	22.68	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	21.56	/	/	<=33	Pass
		Outer_Full	22.76	/	/	21.46	/	/	<=33	Pass
		Inner_Full	23.77	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	23.67	/	/	22.37	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	22.45	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.73	/	/	21.43	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.33	/	/	<=33	Pass
		Outer_Full	22.74	/	/	21.44	/	/	<=33	Pass
		Inner_Full	23.58	/	/	22.28	/	/	<=33	Pass
		Inner_1RB_Left	23.79	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	22.33	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.95	/	/	21.65	/	/	<=33	Pass

		Edge_1RB_Right	23.22	/	/	21.92	/	/	<=33	Pass
		Outer_Full	22.85	/	/	21.55	/	/	<=33	Pass
		Inner_Full	23.79	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Left	23.93	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	22.63	/	/	<=33	Pass
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	22.20	/	/	20.90	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.13	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.07	/	/	<=33	Pass
		Inner_Full	22.45	/	/	21.15	/	/	<=33	Pass
		Inner_1RB_Left	22.18	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	22.35	/	/	21.05	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.29	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	20.86	/	/	<=33	Pass
		Outer_Full	22.23	/	/	20.93	/	/	<=33	Pass
		Inner_Full	22.31	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	20.97	/	/	<=33	Pass
		Inner_1RB_Right	22.23	/	/	20.93	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.43	/	/	21.13	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	21.06	/	/	<=33	Pass
		Outer_Full	22.35	/	/	21.05	/	/	<=33	Pass
		Inner_Full	22.35	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	22.29	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Right	22.59	/	/	21.29	/	/	<=33	Pass
CP-OFDM 256 QAM	2507.5	Edge_1RB_Left	18.93	/	/	17.63	/	/	<=33	Pass
		Edge_1RB_Right	19.21	/	/	17.91	/	/	<=33	Pass
		Outer_Full	19.41	/	/	18.11	/	/	<=33	Pass
		Inner_Full	19.37	/	/	18.07	/	/	<=33	Pass
		Inner_1RB_Left	19.01	/	/	17.71	/	/	<=33	Pass
		Inner_1RB_Right	19.23	/	/	17.93	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.09	/	/	17.79	/	/	<=33	Pass
		Edge_1RB_Right	18.90	/	/	17.60	/	/	<=33	Pass
		Outer_Full	19.27	/	/	17.97	/	/	<=33	Pass
		Inner_Full	19.24	/	/	17.94	/	/	<=33	Pass
		Inner_1RB_Left	19.07	/	/	17.77	/	/	<=33	Pass
		Inner_1RB_Right	18.96	/	/	17.66	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	19.11	/	/	17.81	/	/	<=33	Pass
		Edge_1RB_Right	19.07	/	/	17.77	/	/	<=33	Pass
		Outer_Full	19.41	/	/	18.11	/	/	<=33	Pass
		Inner_Full	19.37	/	/	18.07	/	/	<=33	Pass
		Inner_1RB_Left	19.11	/	/	17.81	/	/	<=33	Pass
		Inner_1RB_Right	19.18	/	/	17.88	/	/	<=33	Pass
Note1: Antenna Gain: Ant2: -1.30dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2510	Edge_1RB_Left	24.26	/	/	22.96	/	/	<=33	Pass
		Edge_1RB_Right	24.58	/	/	23.28	/	/	<=33	Pass
		Outer_Full	24.69	/	/	23.39	/	/	<=33	Pass
		Inner_Full	24.77	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	24.35	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Right	24.52	/	/	23.22	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.34	/	/	23.04	/	/	<=33	Pass
		Edge_1RB_Right	24.32	/	/	23.02	/	/	<=33	Pass
		Outer_Full	24.48	/	/	23.18	/	/	<=33	Pass

		Inner_Full	24.41	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	24.44	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	24.34	/	/	23.04	/	/	<=33	Pass
	2560	Edge_1RB_Left	24.39	/	/	23.09	/	/	<=33	Pass
		Edge_1RB_Right	24.49	/	/	23.19	/	/	<=33	Pass
		Outer_Full	24.60	/	/	23.30	/	/	<=33	Pass
		Inner_Full	24.67	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	24.44	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	24.55	/	/	23.25	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	24.72	/	/	23.42	/	/	<=33	Pass
		Edge_1RB_Right	25.02	/	/	23.72	/	/	<=33	Pass
		Outer_Full	24.87	/	/	23.57	/	/	<=33	Pass
		Inner_Full	24.96	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	24.78	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Right	24.94	/	/	23.64	/	/	<=33	Pass
	2535	Edge_1RB_Left	25.05	/	/	23.75	/	/	<=33	Pass
		Edge_1RB_Right	24.86	/	/	23.56	/	/	<=33	Pass
		Outer_Full	24.72	/	/	23.42	/	/	<=33	Pass
		Inner_Full	24.77	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	25.06	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	23.57	/	/	<=33	Pass
	2560	Edge_1RB_Left	24.93	/	/	23.63	/	/	<=33	Pass
		Edge_1RB_Right	24.86	/	/	23.56	/	/	<=33	Pass
		Outer_Full	24.77	/	/	23.47	/	/	<=33	Pass
		Inner_Full	24.80	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	24.84	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Right	24.74	/	/	23.44	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	23.78	/	/	22.48	/	/	<=33	Pass
		Edge_1RB_Right	24.15	/	/	22.85	/	/	<=33	Pass
		Outer_Full	23.85	/	/	22.55	/	/	<=33	Pass
		Inner_Full	24.83	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	25.26	/	/	23.96	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.14	/	/	22.84	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	22.65	/	/	<=33	Pass
		Outer_Full	23.79	/	/	22.49	/	/	<=33	Pass
		Inner_Full	24.78	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	23.57	/	/	<=33	Pass
	2560	Edge_1RB_Left	23.89	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	24.00	/	/	22.70	/	/	<=33	Pass
		Outer_Full	23.88	/	/	22.58	/	/	<=33	Pass
		Inner_Full	24.83	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	24.91	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Right	24.95	/	/	23.65	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge_1RB_Left	23.09	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	23.47	/	/	22.17	/	/	<=33	Pass
		Outer_Full	23.46	/	/	22.16	/	/	<=33	Pass
		Inner_Full	23.46	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	23.23	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Right	23.47	/	/	22.17	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.32	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	21.93	/	/	<=33	Pass
		Outer_Full	23.27	/	/	21.97	/	/	<=33	Pass
		Inner_Full	23.31	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	23.30	/	/	22.00	/	/	<=33	Pass
	2560	Edge_1RB_Left	23.35	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	21.96	/	/	<=33	Pass

		Outer_Full	23.29	/	/	21.99	/	/	<=33	Pass
		Inner_Full	23.35	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	23.37	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Right	23.09	/	/	21.79	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge_1RB_Left	20.83	/	/	19.53	/	/	<=33	Pass
		Edge_1RB_Right	21.09	/	/	19.79	/	/	<=33	Pass
		Outer_Full	21.40	/	/	20.10	/	/	<=33	Pass
		Inner_Full	21.44	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	20.82	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	19.85	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.96	/	/	19.66	/	/	<=33	Pass
		Edge_1RB_Right	20.88	/	/	19.58	/	/	<=33	Pass
		Outer_Full	21.28	/	/	19.98	/	/	<=33	Pass
		Inner_Full	21.23	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Left	21.05	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Right	20.89	/	/	19.59	/	/	<=33	Pass
	2560	Edge_1RB_Left	21.00	/	/	19.70	/	/	<=33	Pass
		Edge_1RB_Right	21.08	/	/	19.78	/	/	<=33	Pass
		Outer_Full	21.26	/	/	19.96	/	/	<=33	Pass
		Inner_Full	21.25	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	19.72	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	19.77	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge_1RB_Left	22.60	/	/	21.30	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	21.54	/	/	<=33	Pass
		Outer_Full	22.87	/	/	21.57	/	/	<=33	Pass
		Inner_Full	24.19	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	22.82	/	/	<=33	Pass
		Inner_1RB_Right	24.20	/	/	22.90	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.84	/	/	21.54	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	21.30	/	/	<=33	Pass
		Outer_Full	22.76	/	/	21.46	/	/	<=33	Pass
		Inner_Full	24.25	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Left	24.26	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	22.77	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.68	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	21.48	/	/	<=33	Pass
		Outer_Full	22.78	/	/	21.48	/	/	<=33	Pass
		Inner_Full	24.31	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Left	24.42	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Right	24.47	/	/	23.17	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Edge_1RB_Left	22.84	/	/	21.54	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	21.71	/	/	<=33	Pass
		Outer_Full	22.91	/	/	21.61	/	/	<=33	Pass
		Inner_Full	23.97	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	22.28	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	22.51	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.89	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	21.50	/	/	<=33	Pass
		Outer_Full	22.71	/	/	21.41	/	/	<=33	Pass
		Inner_Full	24.05	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	22.48	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.87	/	/	21.57	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	21.44	/	/	<=33	Pass
		Outer_Full	22.82	/	/	21.52	/	/	<=33	Pass
		Inner_Full	23.89	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Left	23.73	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	22.48	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge_1RB_Left	22.11	/	/	20.81	/	/	<=33	Pass

		Edge_1RB_Right	22.14	/	/	20.84	/	/	<=33	Pass
		Outer_Full	22.40	/	/	21.10	/	/	<=33	Pass
		Inner_Full	22.51	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Right	22.23	/	/	20.93	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.26	/	/	20.96	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	20.84	/	/	<=33	Pass
		Outer_Full	22.32	/	/	21.02	/	/	<=33	Pass
		Inner_Full	22.31	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	22.23	/	/	20.93	/	/	<=33	Pass
	2560	Inner_1RB_Right	22.11	/	/	20.81	/	/	<=33	Pass
		Edge_1RB_Left	22.16	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.17	/	/	<=33	Pass
		Outer_Full	22.37	/	/	21.07	/	/	<=33	Pass
		Inner_Full	22.36	/	/	21.06	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Inner_1RB_Left	22.24	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Right	22.21	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Left	18.85	/	/	17.55	/	/	<=33	Pass
		Edge_1RB_Right	19.19	/	/	17.89	/	/	<=33	Pass
		Outer_Full	19.37	/	/	18.07	/	/	<=33	Pass
	2535	Inner_Full	19.40	/	/	18.10	/	/	<=33	Pass
		Inner_1RB_Left	18.89	/	/	17.59	/	/	<=33	Pass
		Inner_1RB_Right	19.12	/	/	17.82	/	/	<=33	Pass
		Edge_1RB_Left	19.11	/	/	17.81	/	/	<=33	Pass
		Edge_1RB_Right	18.97	/	/	17.67	/	/	<=33	Pass
	2560	Outer_Full	19.22	/	/	17.92	/	/	<=33	Pass
		Inner_Full	19.17	/	/	17.87	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	17.79	/	/	<=33	Pass
		Inner_1RB_Right	18.90	/	/	17.60	/	/	<=33	Pass
		Edge_1RB_Left	18.96	/	/	17.66	/	/	<=33	Pass
	Edge_1RB_Right	19.14	/	/	17.84	/	/	<=33	Pass	
	Outer_Full	19.32	/	/	18.02	/	/	<=33	Pass	
	Inner_Full	19.30	/	/	18.00	/	/	<=33	Pass	
	Inner_1RB_Left	19.01	/	/	17.71	/	/	<=33	Pass	
	Inner_1RB_Right	19.12	/	/	17.82	/	/	<=33	Pass	
Note1: Antenna Gain: Ant2: -1.30dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_20MHz

5G NR n7 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	20	LV	-5.20	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-12.20	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-10.10	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-12.20	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-14.90	-0.0059	>=-2.5 & <=2.5	Pass

			40	NV	-11.00	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-14.40	-0.0057	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-14.00	-0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-9.90	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-13.40	-0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-10.10	-0.0040	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-9.80	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-12.30	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-8.10	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-12.30	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-10.10	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-8.50	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-9.70	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-11.10	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-10.80	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-9.20	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-7.90	-0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-3.70	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-8.90	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-8.80	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	3.20	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-9.00	-0.0036	>=-2.5 & <=2.5	Pass

			-30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-9.30	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-10.60	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-6.80	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-7.00	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	40	NV	2.20	0.0009	>=-2.5 & <=2.5	Pass
				NV	-7.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	LV	-8.90	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-8.80	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	3.50	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-9.70	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n7 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2502.5	Outer_Full	4.55	5.26	/	Pass
	2535	Outer_Full	4.56	5.25	/	Pass
	2567.5	Outer_Full	4.56	5.30	/	Pass
DFT-s-OFDM QPSK	2502.5	Outer_Full	4.57	5.43	/	Pass
	2535	Outer_Full	4.55	5.43	/	Pass
	2567.5	Outer_Full	4.56	5.44	/	Pass
DFT-s-OFDM 16 QAM	2502.5	Outer_Full	4.59	5.41	/	Pass
	2535	Outer_Full	4.58	5.41	/	Pass
	2567.5	Outer_Full	4.59	5.39	/	Pass
DFT-s-OFDM 64 QAM	2502.5	Outer_Full	4.59	5.43	/	Pass
	2535	Outer_Full	4.58	5.41	/	Pass
	2567.5	Outer_Full	4.59	5.38	/	Pass
DFT-s-OFDM 256 QAM	2502.5	Outer_Full	4.61	5.46	/	Pass
	2535	Outer_Full	4.60	5.45	/	Pass
	2567.5	Outer_Full	4.60	5.50	/	Pass

CP-OFDM QPSK	2502.5	Outer_Full	4.58	5.41	/	Pass
	2535	Outer_Full	4.56	5.39	/	Pass
	2567.5	Outer_Full	4.58	5.95	/	Pass
CP-OFDM 16 QAM	2502.5	Outer_Full	4.66	5.74	/	Pass
	2535	Outer_Full	4.64	5.63	/	Pass
	2567.5	Outer_Full	4.65	5.69	/	Pass
CP-OFDM 64 QAM	2502.5	Outer_Full	4.55	5.47	/	Pass
	2535	Outer_Full	4.54	5.29	/	Pass
	2567.5	Outer_Full	4.54	5.52	/	Pass
CP-OFDM 256 QAM	2502.5	Outer_Full	4.56	5.34	/	Pass
	2535	Outer_Full	4.57	5.37	/	Pass
	2567.5	Outer_Full	4.57	5.39	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n7 SCS=15kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2505	Outer_Full	9.04	10.03	/	Pass
	2535	Outer_Full	9.05	10.00	/	Pass
	2565	Outer_Full	9.05	10.00	/	Pass
DFT-s-OFDM QPSK	2505	Outer_Full	9.12	11.45	/	Pass
	2535	Outer_Full	9.08	10.18	/	Pass
	2565	Outer_Full	9.11	10.13	/	Pass
DFT-s-OFDM 16 QAM	2505	Outer_Full	9.15	12.31	/	Pass
	2535	Outer_Full	9.10	10.04	/	Pass
	2565	Outer_Full	9.12	10.05	/	Pass
DFT-s-OFDM 64 QAM	2505	Outer_Full	9.14	10.76	/	Pass
	2535	Outer_Full	9.09	10.07	/	Pass
	2565	Outer_Full	9.12	10.08	/	Pass
DFT-s-OFDM 256 QAM	2505	Outer_Full	9.07	9.97	/	Pass
	2535	Outer_Full	9.05	9.98	/	Pass
	2565	Outer_Full	9.07	10.11	/	Pass
CP-OFDM QPSK	2505	Outer_Full	9.53	13.49	/	Pass
	2535	Outer_Full	9.41	10.36	/	Pass
	2565	Outer_Full	9.48	10.80	/	Pass
CP-OFDM 16 QAM	2505	Outer_Full	9.51	13.94	/	Pass
	2535	Outer_Full	9.45	10.54	/	Pass
	2565	Outer_Full	9.48	11.86	/	Pass
CP-OFDM 64 QAM	2505	Outer_Full	9.43	12.77	/	Pass
	2535	Outer_Full	9.39	10.58	/	Pass
	2565	Outer_Full	9.43	11.01	/	Pass
CP-OFDM 256 QAM	2505	Outer_Full	9.39	10.37	/	Pass
	2535	Outer_Full	9.38	10.46	/	Pass
	2565	Outer_Full	9.40	10.50	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n7 SCS=15kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2507.5	Outer_Full	13.62	14.87	/	Pass
	2535	Outer_Full	13.62	14.89	/	Pass
	2562.5	Outer_Full	13.61	14.91	/	Pass
DFT-s-OFDM QPSK	2507.5	Outer_Full	13.75	19.15	/	Pass
	2535	Outer_Full	13.71	15.18	/	Pass

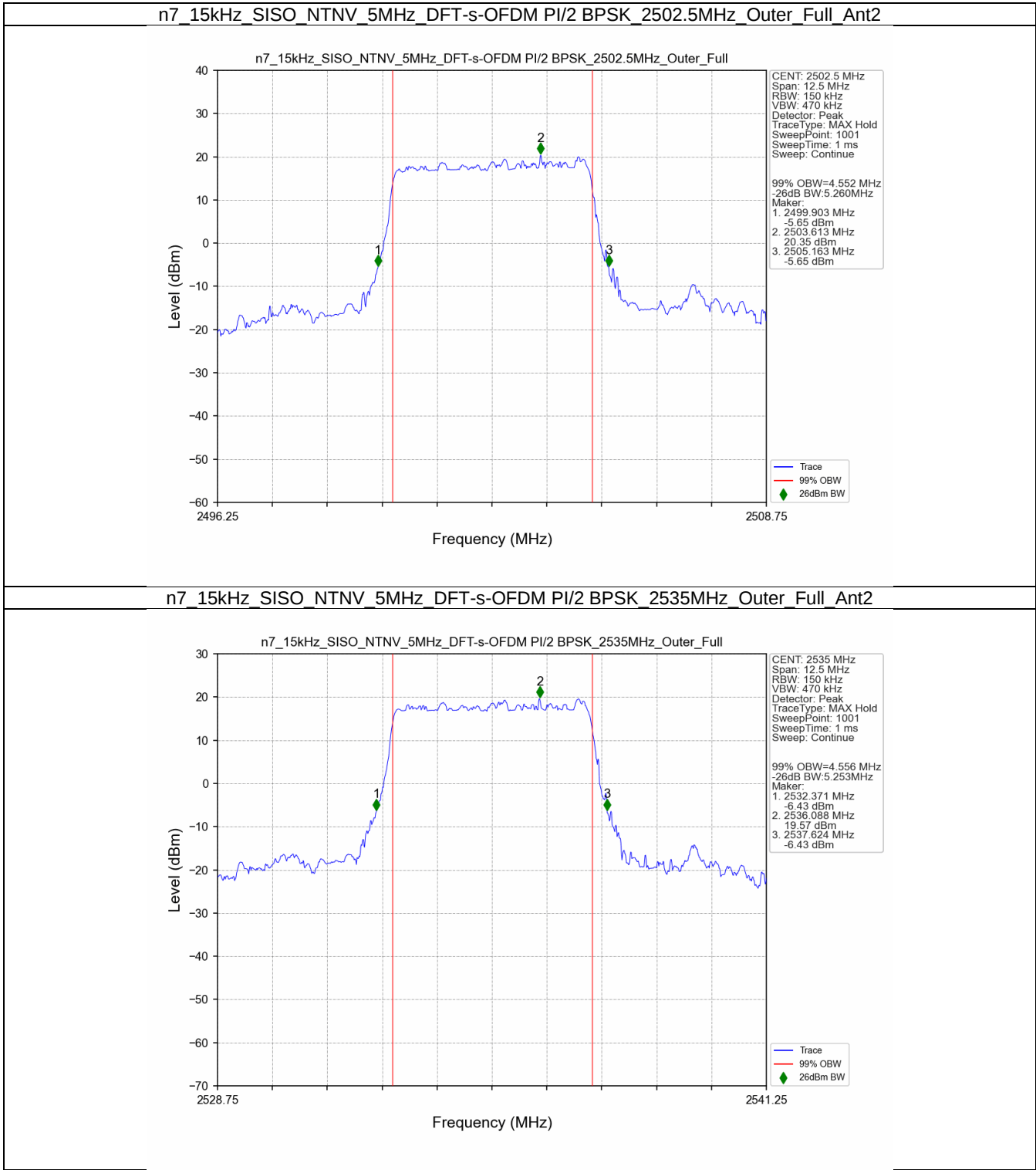
	2562.5	Outer_Full	13.74	15.34	/	Pass
DFT-s-OFDM 16 QAM	2507.5	Outer_Full	13.72	16.65	/	Pass
	2535	Outer_Full	13.68	14.90	/	Pass
	2562.5	Outer_Full	13.71	15.00	/	Pass
	2507.5	Outer_Full	13.61	17.68	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	13.59	14.85	/	Pass
	2562.5	Outer_Full	13.60	14.88	/	Pass
	2507.5	Outer_Full	13.61	14.73	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	13.66	14.86	/	Pass
	2562.5	Outer_Full	13.62	14.86	/	Pass
	2507.5	Outer_Full	14.41	20.56	/	Pass
CP-OFDM QPSK	2535	Outer_Full	14.35	16.17	/	Pass
	2562.5	Outer_Full	14.38	19.16	/	Pass
	2507.5	Outer_Full	14.43	21.03	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	14.34	17.08	/	Pass
	2562.5	Outer_Full	14.37	19.65	/	Pass
	2507.5	Outer_Full	14.40	22.35	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	14.34	17.15	/	Pass
	2562.5	Outer_Full	14.38	18.40	/	Pass
	2507.5	Outer_Full	14.25	15.52	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	14.26	15.54	/	Pass
	2562.5	Outer_Full	14.29	15.48	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

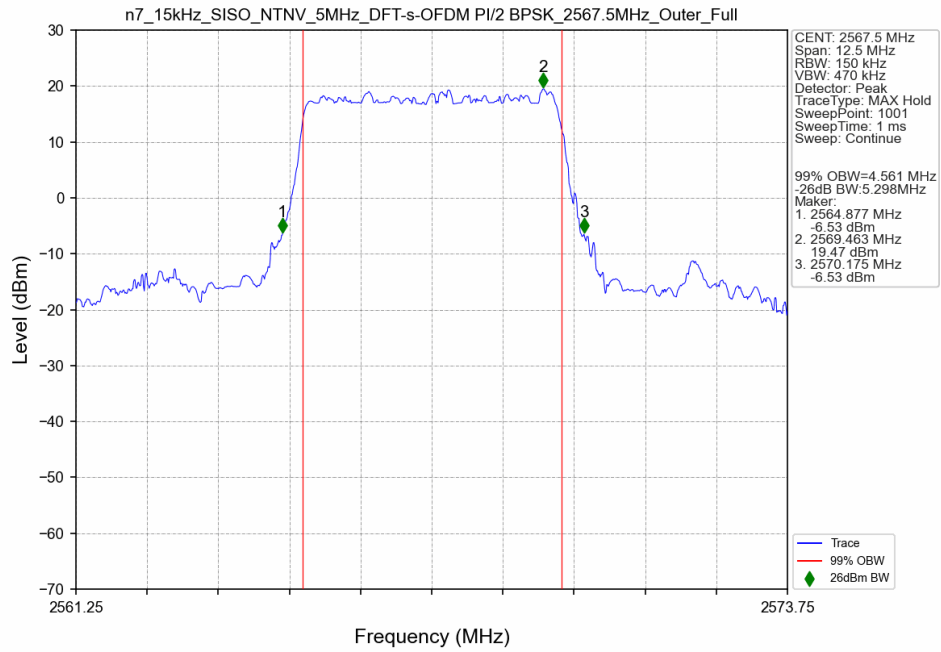
5G NR n7 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2510	Outer_Full	18.08	19.54	/	Pass
	2535	Outer_Full	18.14	19.51	/	Pass
	2560	Outer_Full	18.12	19.52	/	Pass
DFT-s-OFDM QPSK	2510	Outer_Full	18.16	27.16	/	Pass
	2535	Outer_Full	18.11	19.63	/	Pass
	2560	Outer_Full	18.11	21.66	/	Pass
DFT-s-OFDM 16 QAM	2510	Outer_Full	18.20	24.03	/	Pass
	2535	Outer_Full	18.15	19.65	/	Pass
	2560	Outer_Full	18.16	21.57	/	Pass
DFT-s-OFDM 64 QAM	2510	Outer_Full	18.18	23.44	/	Pass
	2535	Outer_Full	18.20	19.64	/	Pass
	2560	Outer_Full	18.20	19.68	/	Pass
DFT-s-OFDM 256 QAM	2510	Outer_Full	18.06	19.57	/	Pass
	2535	Outer_Full	18.09	19.61	/	Pass
	2560	Outer_Full	18.04	19.64	/	Pass
CP-OFDM QPSK	2510	Outer_Full	19.28	29.86	/	Pass
	2535	Outer_Full	19.21	26.62	/	Pass
	2560	Outer_Full	19.21	27.14	/	Pass
CP-OFDM 16 QAM	2510	Outer_Full	19.37	30.63	/	Pass
	2535	Outer_Full	19.29	24.86	/	Pass
	2560	Outer_Full	19.33	25.89	/	Pass
CP-OFDM 64 QAM	2510	Outer_Full	19.24	29.02	/	Pass
	2535	Outer_Full	19.21	23.21	/	Pass
	2560	Outer_Full	19.23	26.34	/	Pass
CP-OFDM 256 QAM	2510	Outer_Full	19.09	20.57	/	Pass
	2535	Outer_Full	19.17	20.67	/	Pass
	2560	Outer_Full	19.16	20.67	/	Pass

3.2 Test Graph

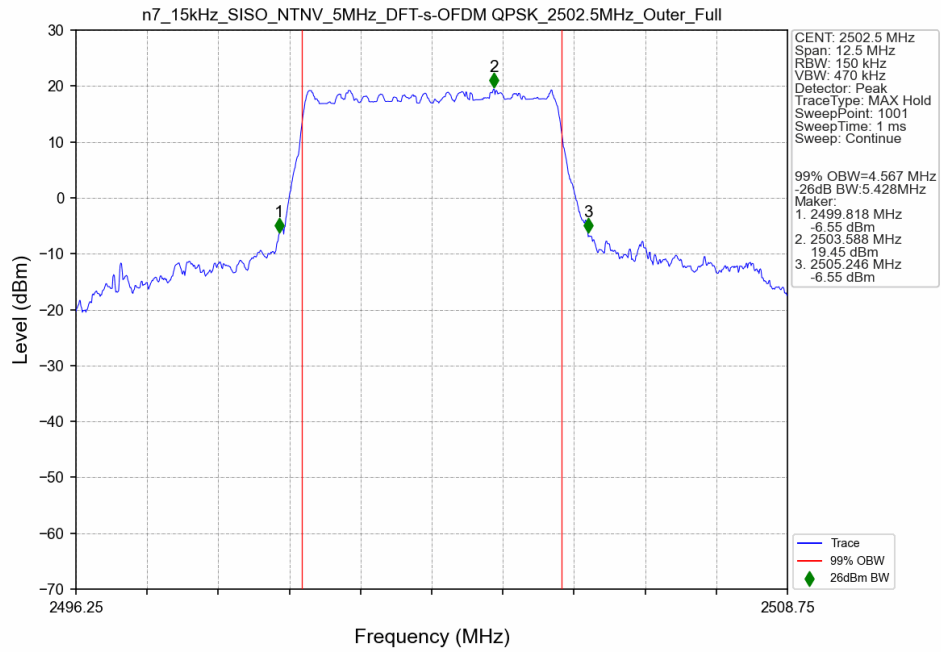
3.2.1 15k_SISO_5MHz_NTNV



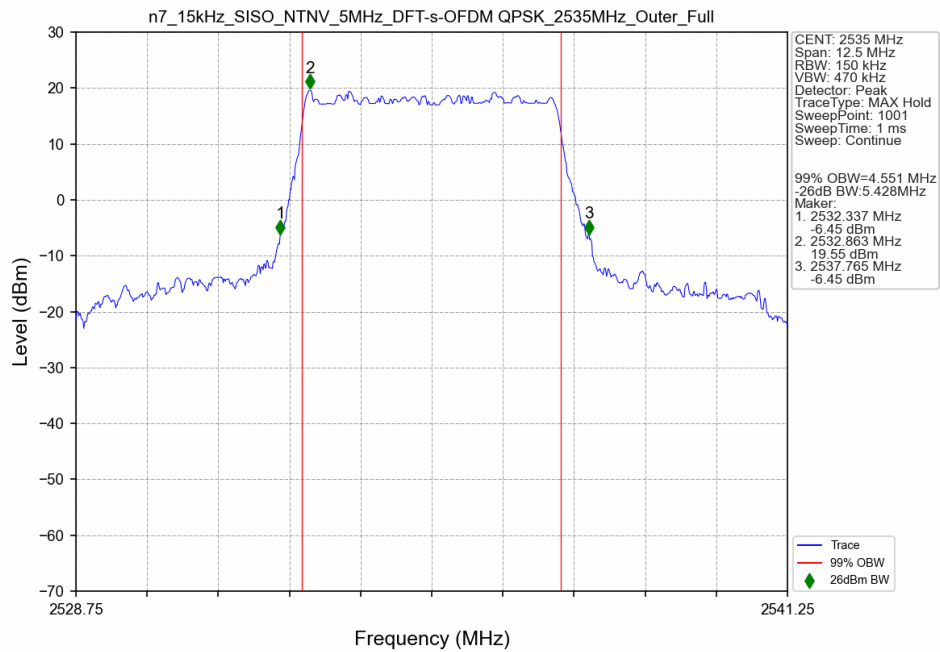
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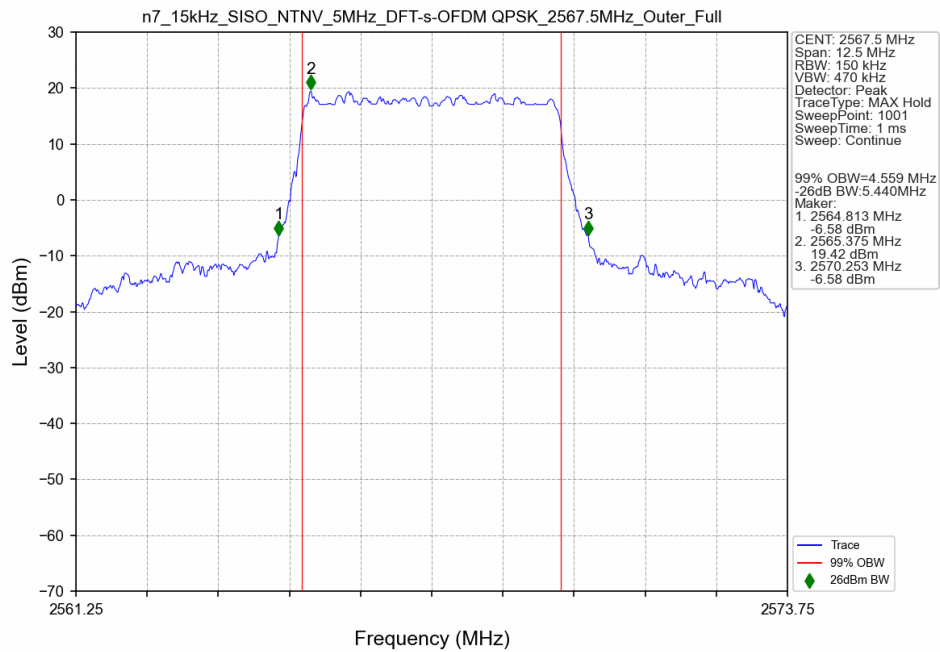
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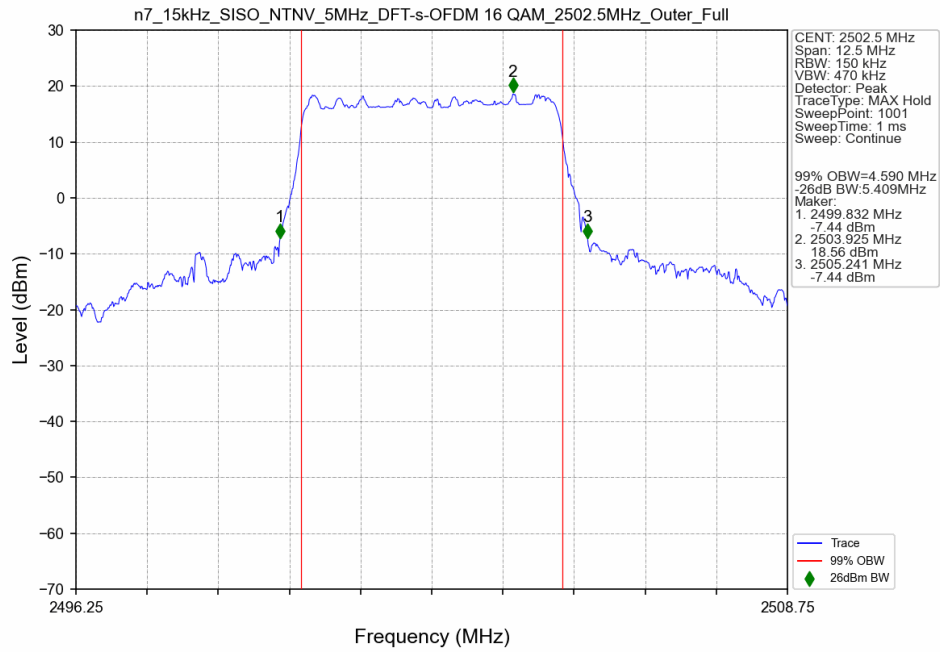
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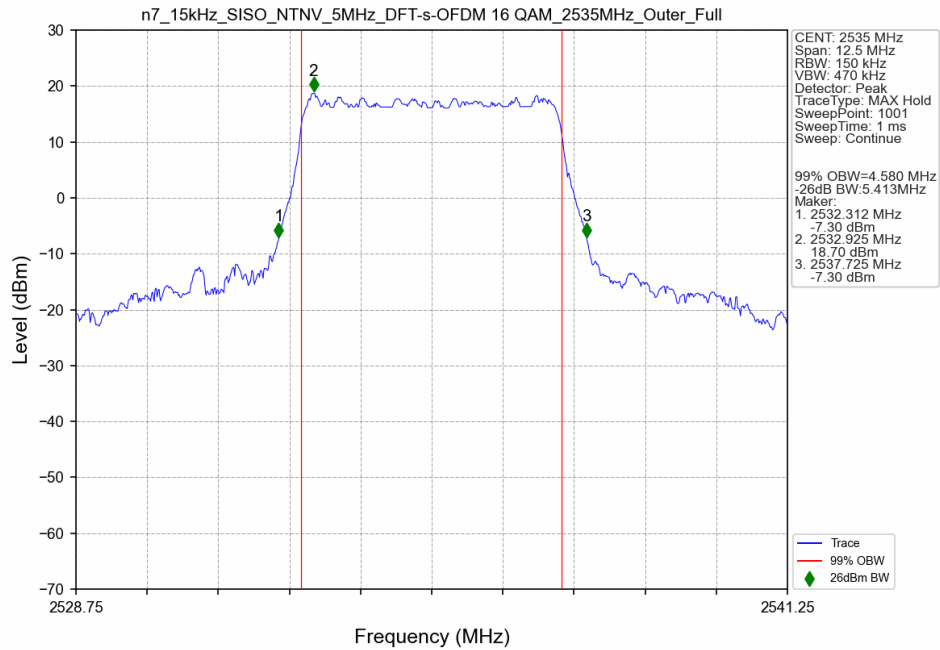
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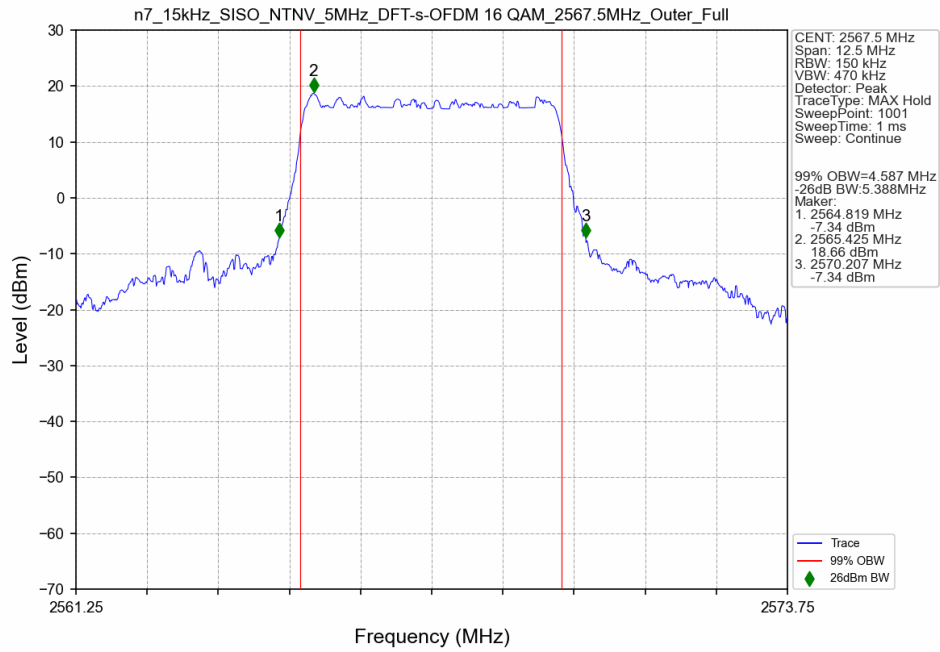
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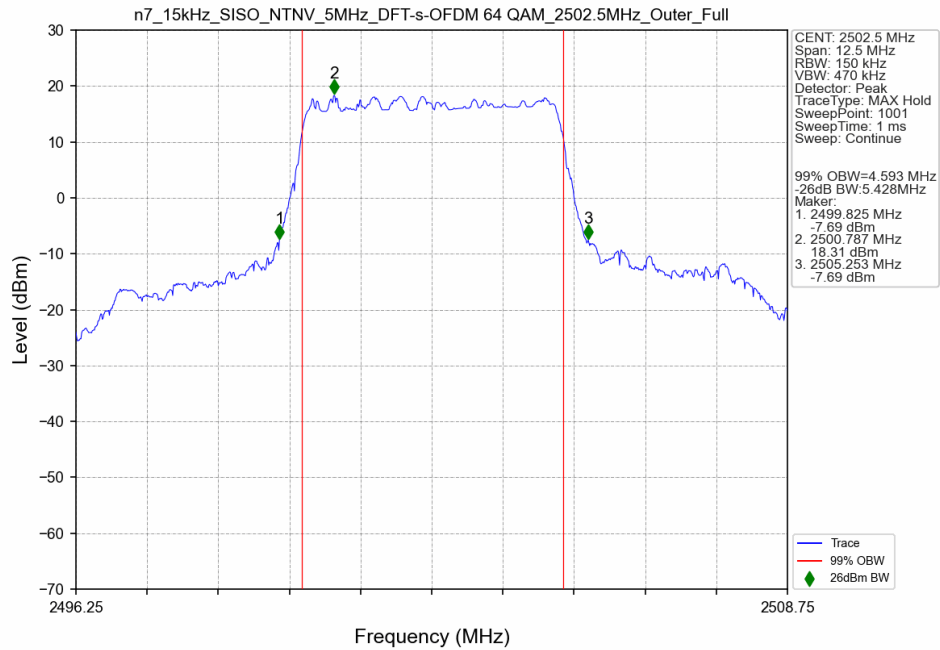
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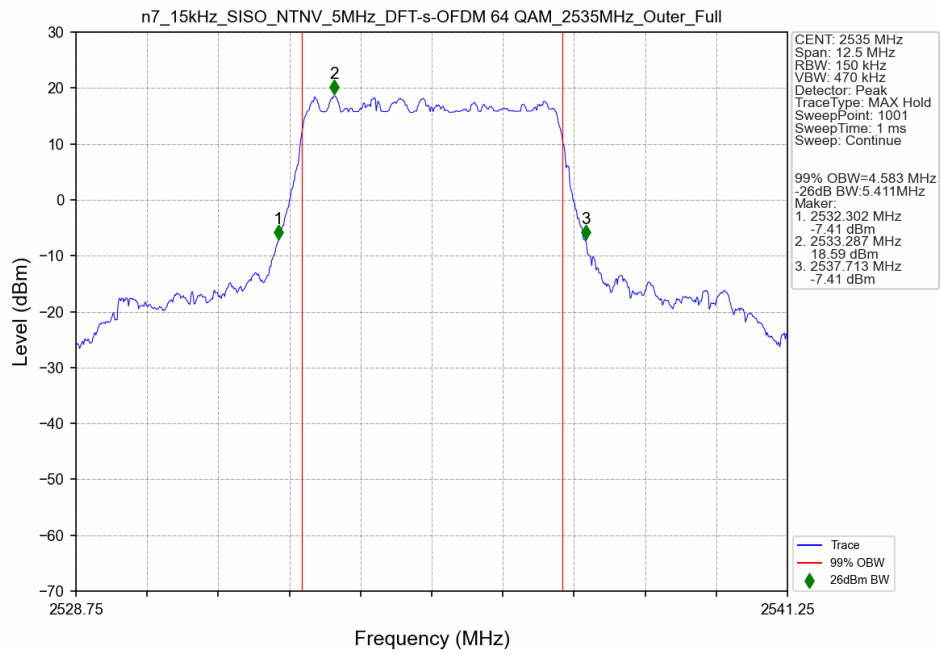
n7 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 2567.5MHz Outer Full Ant2



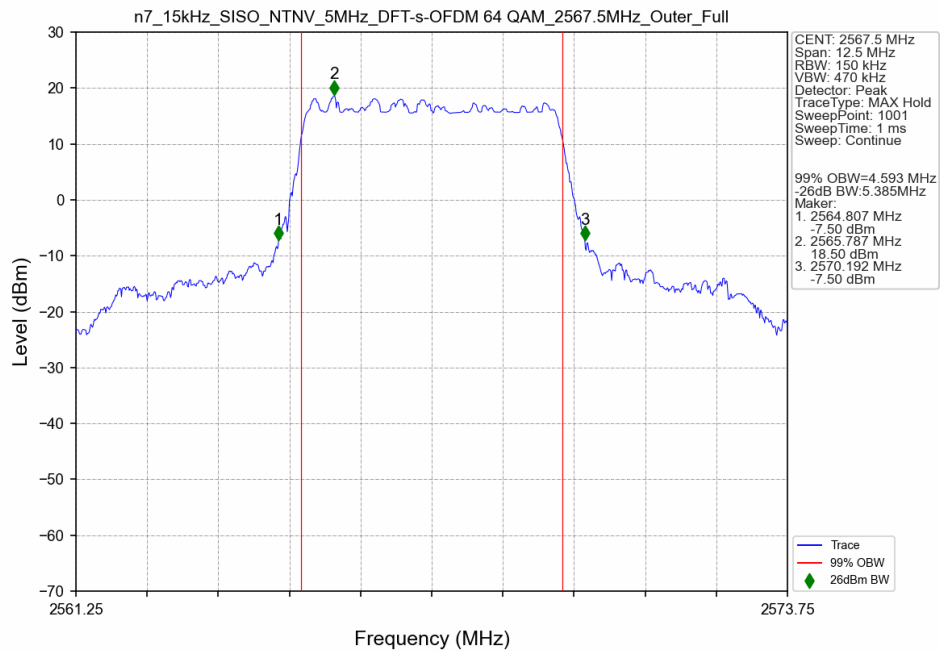
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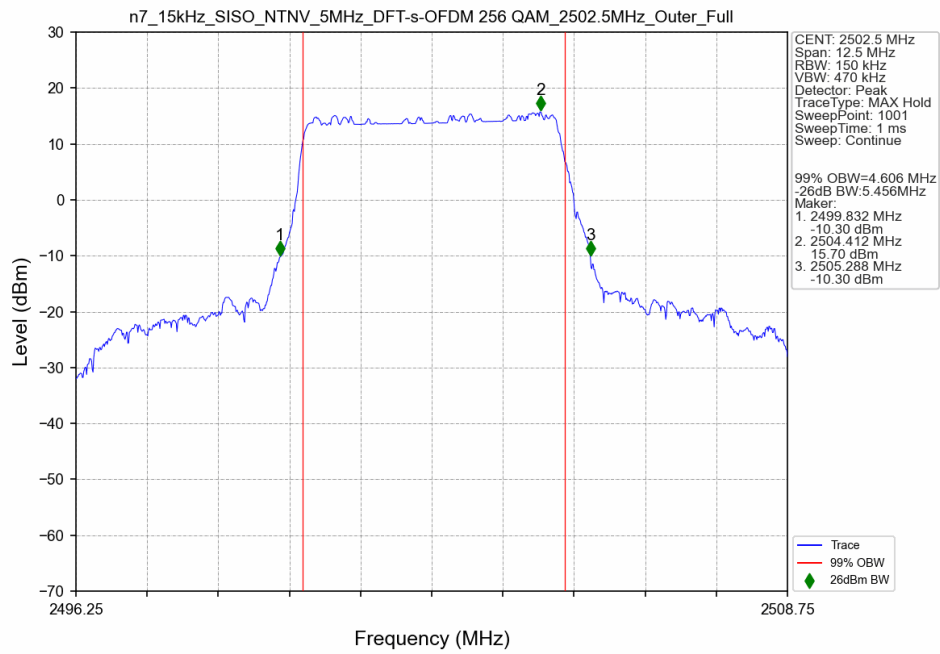
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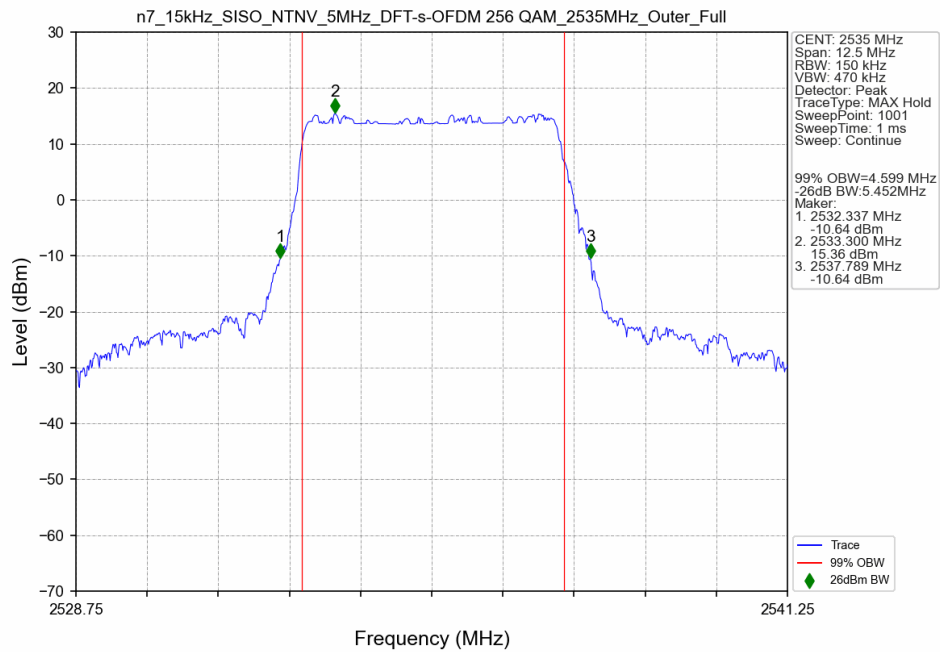
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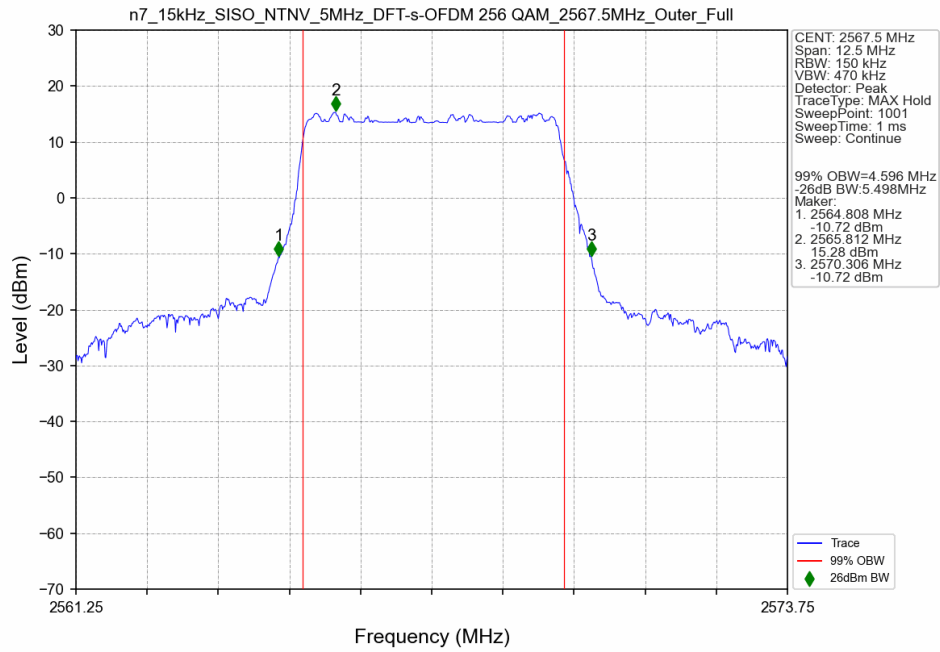
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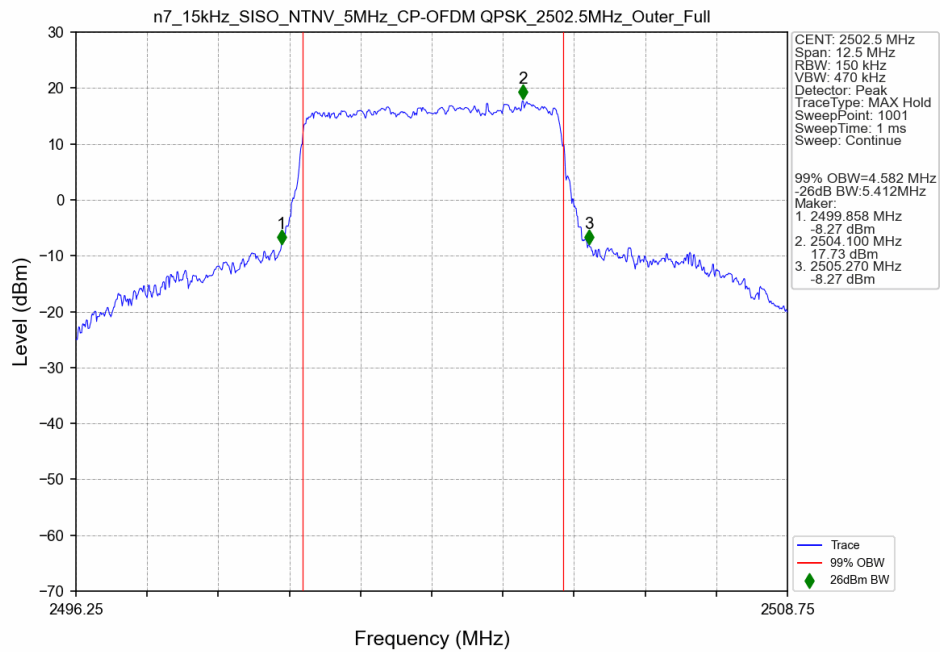
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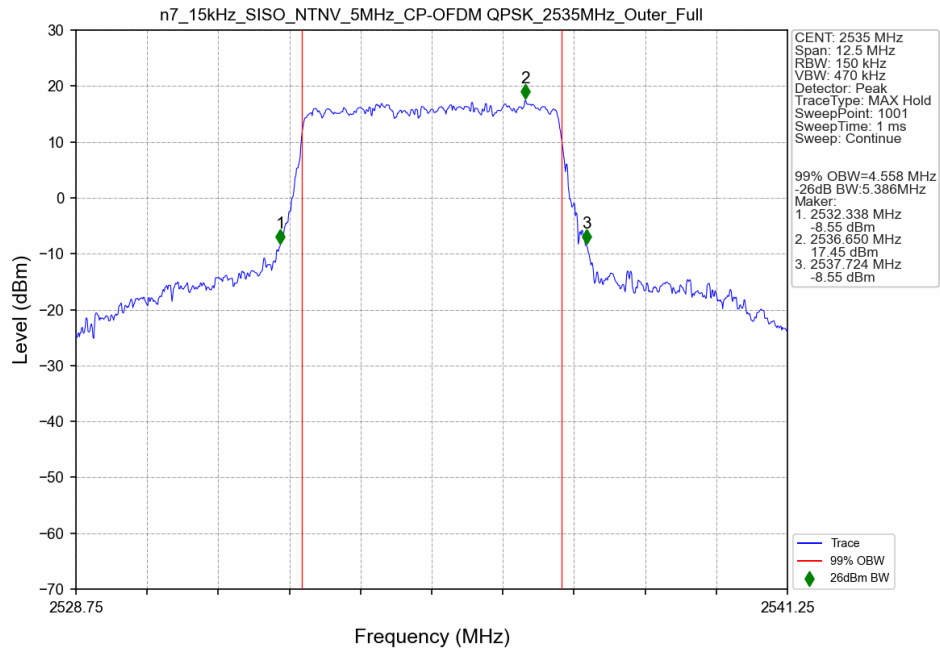
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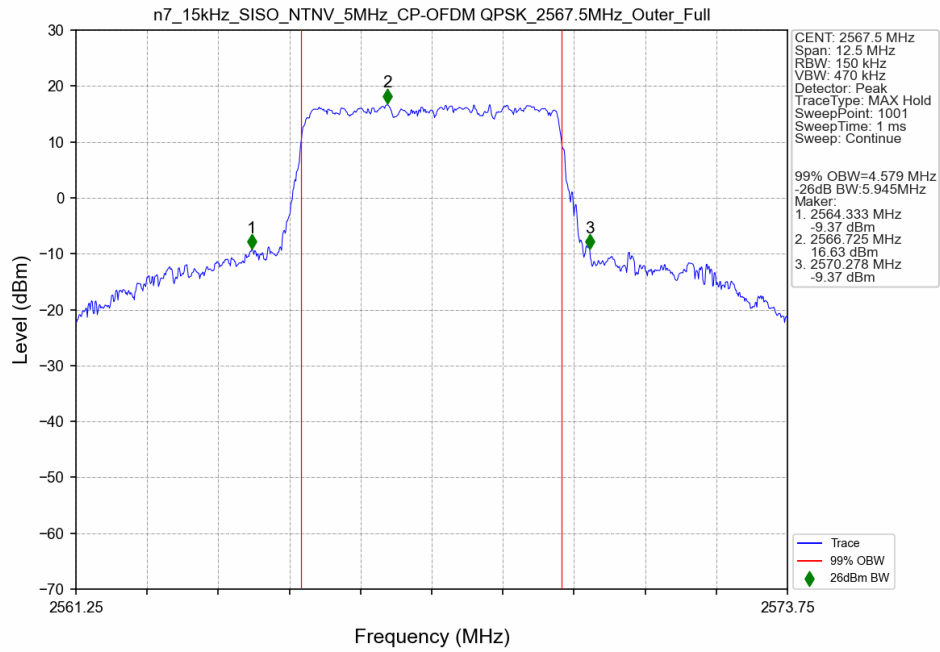
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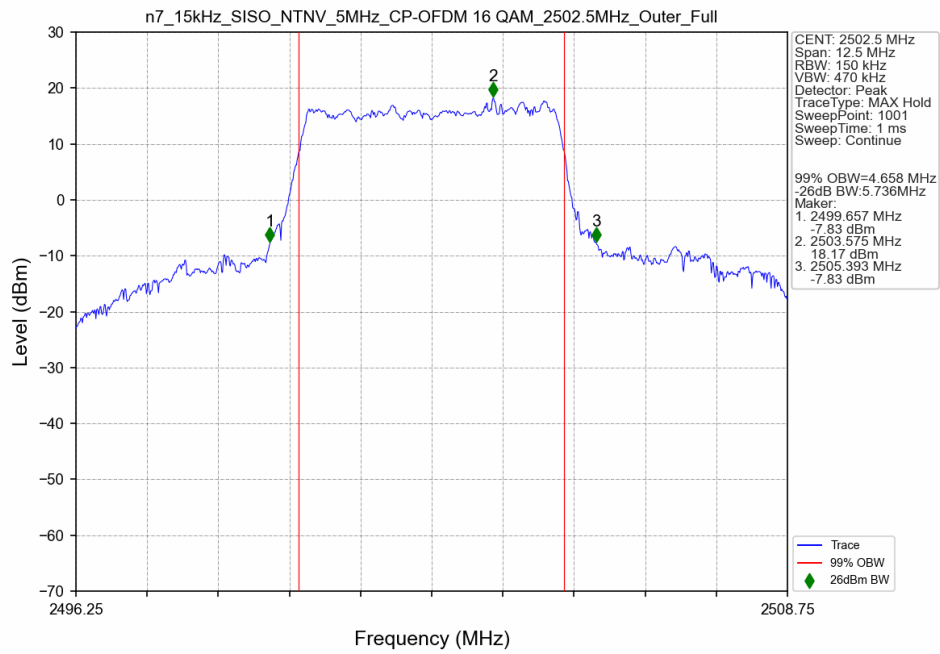
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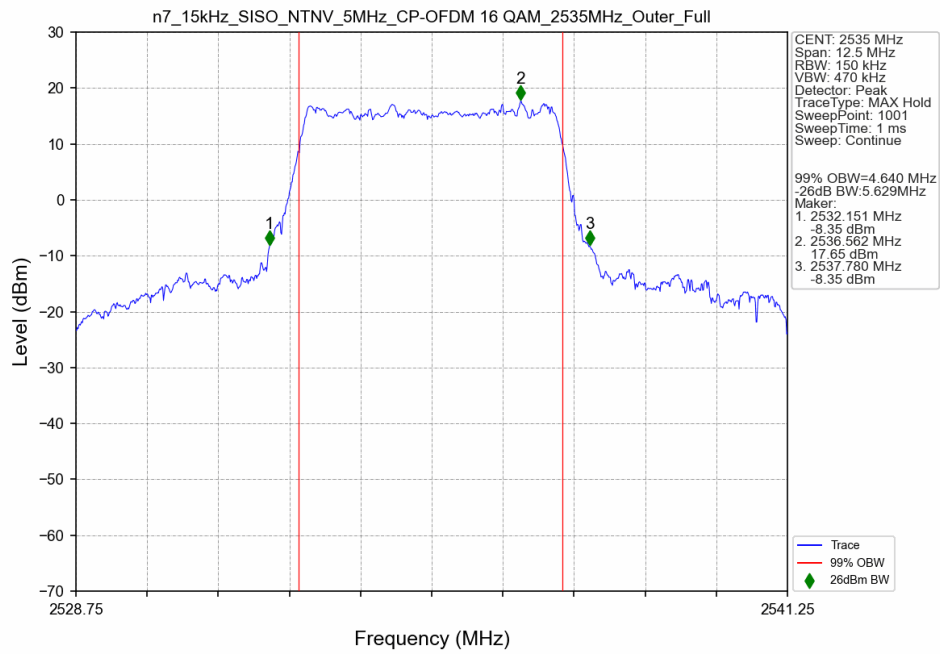
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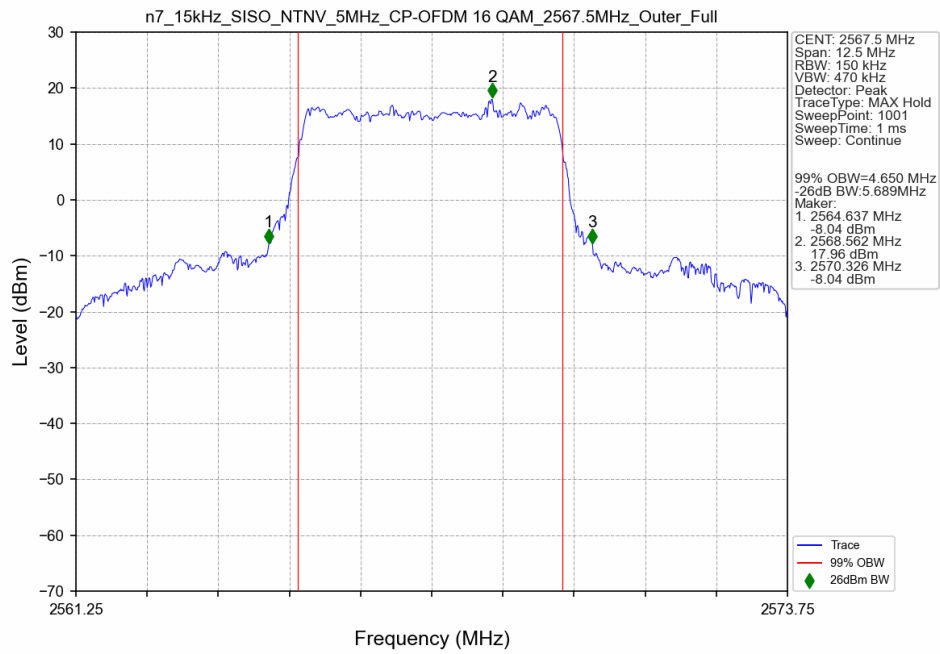
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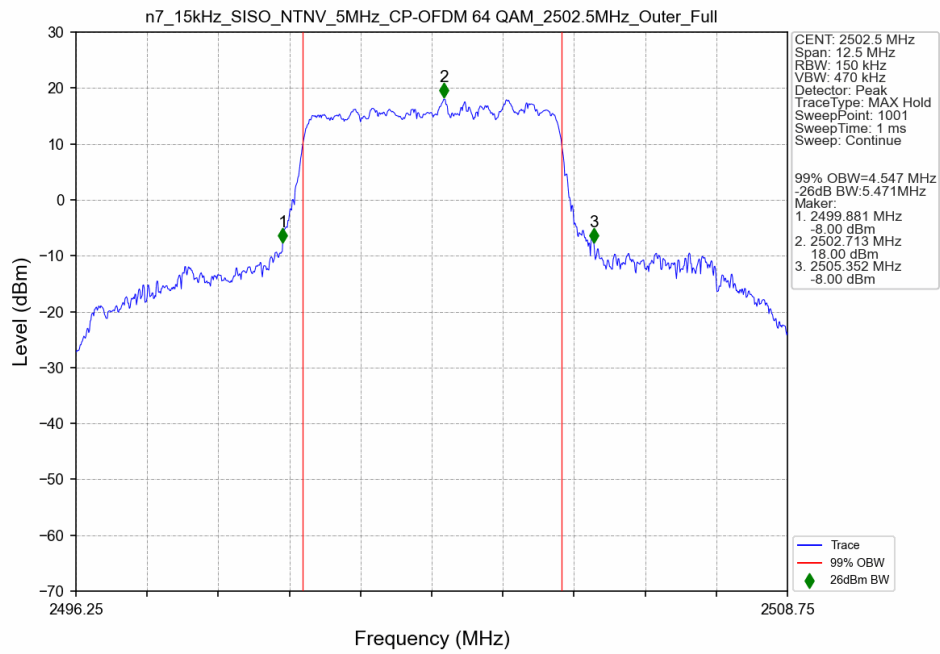
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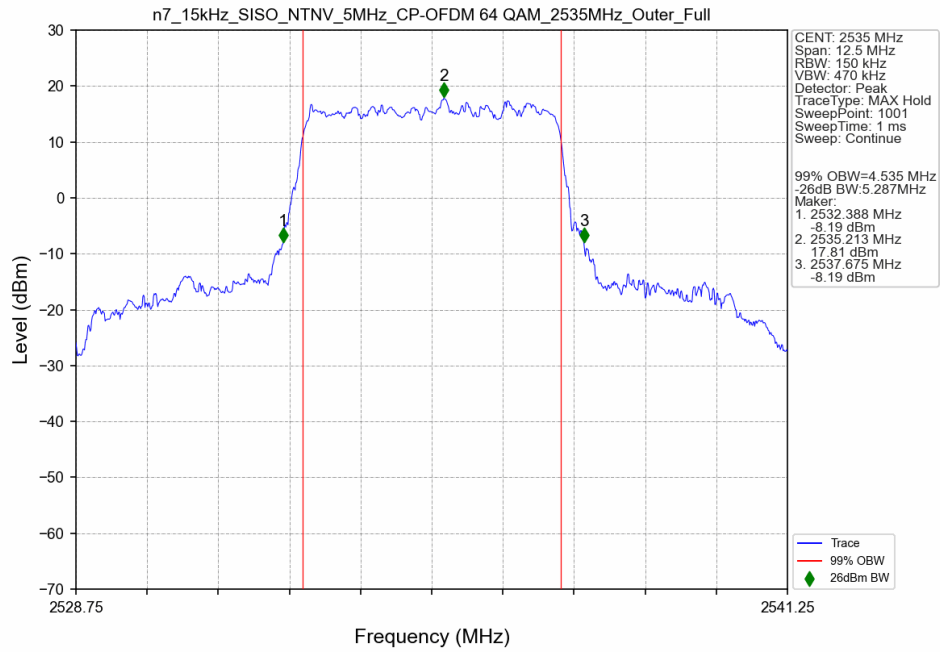
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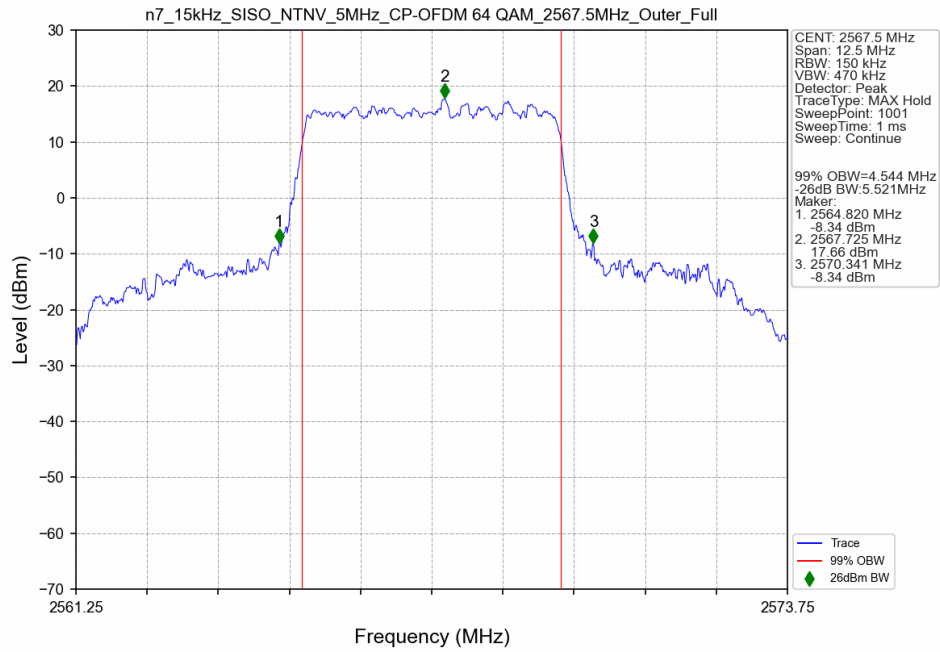
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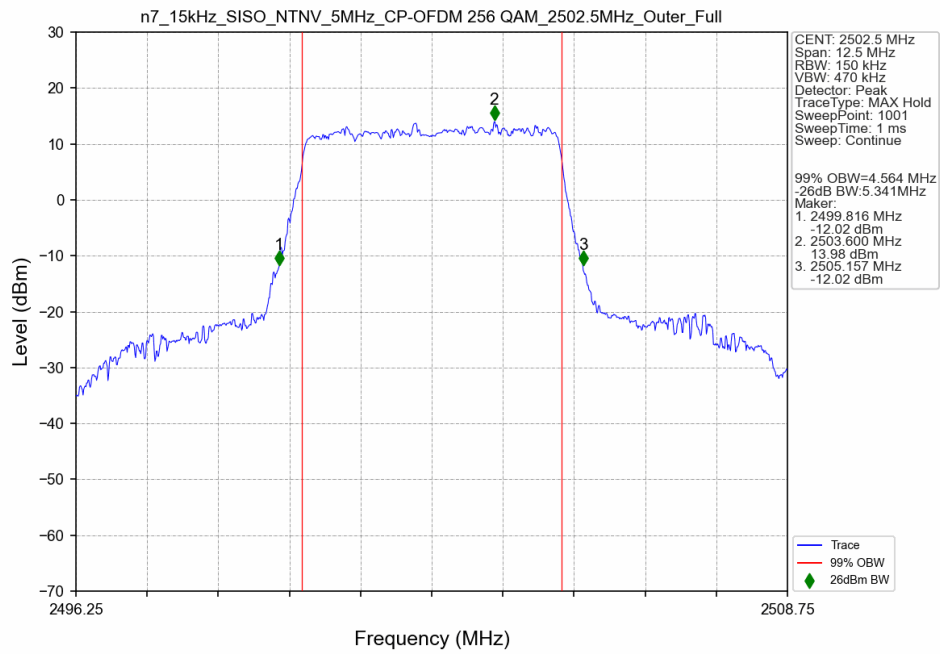
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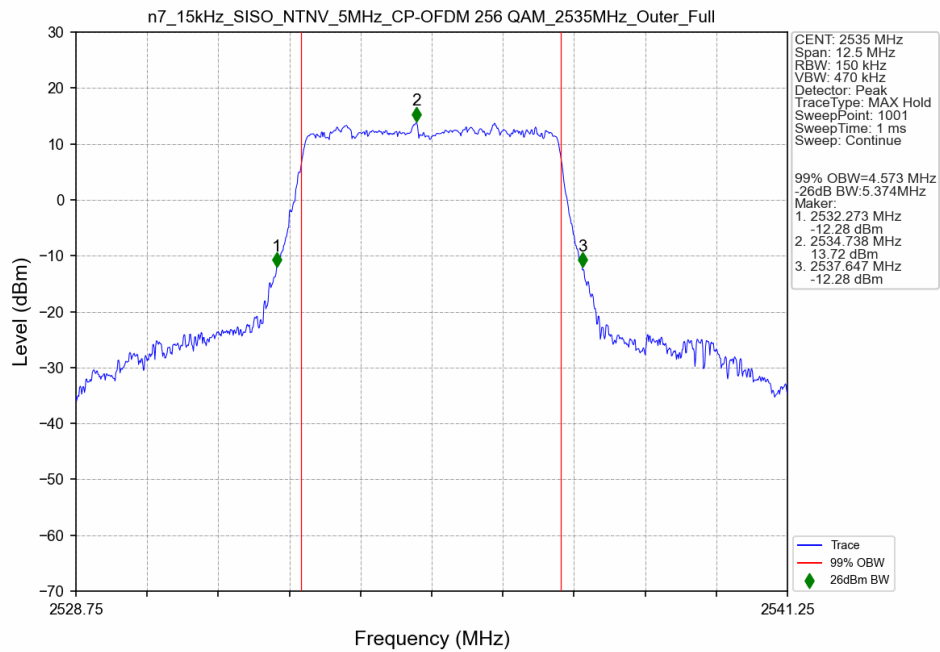
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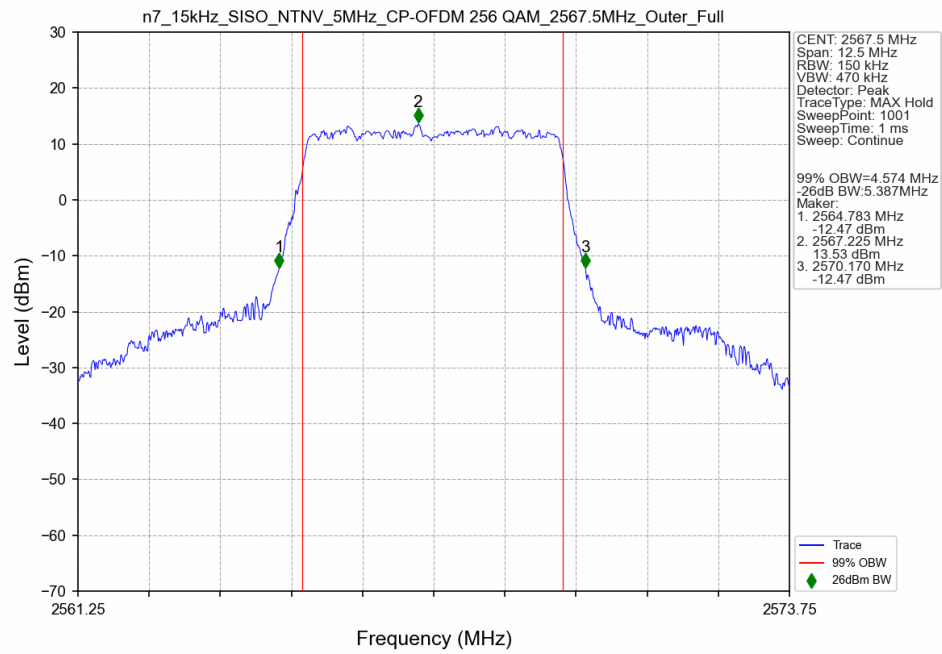
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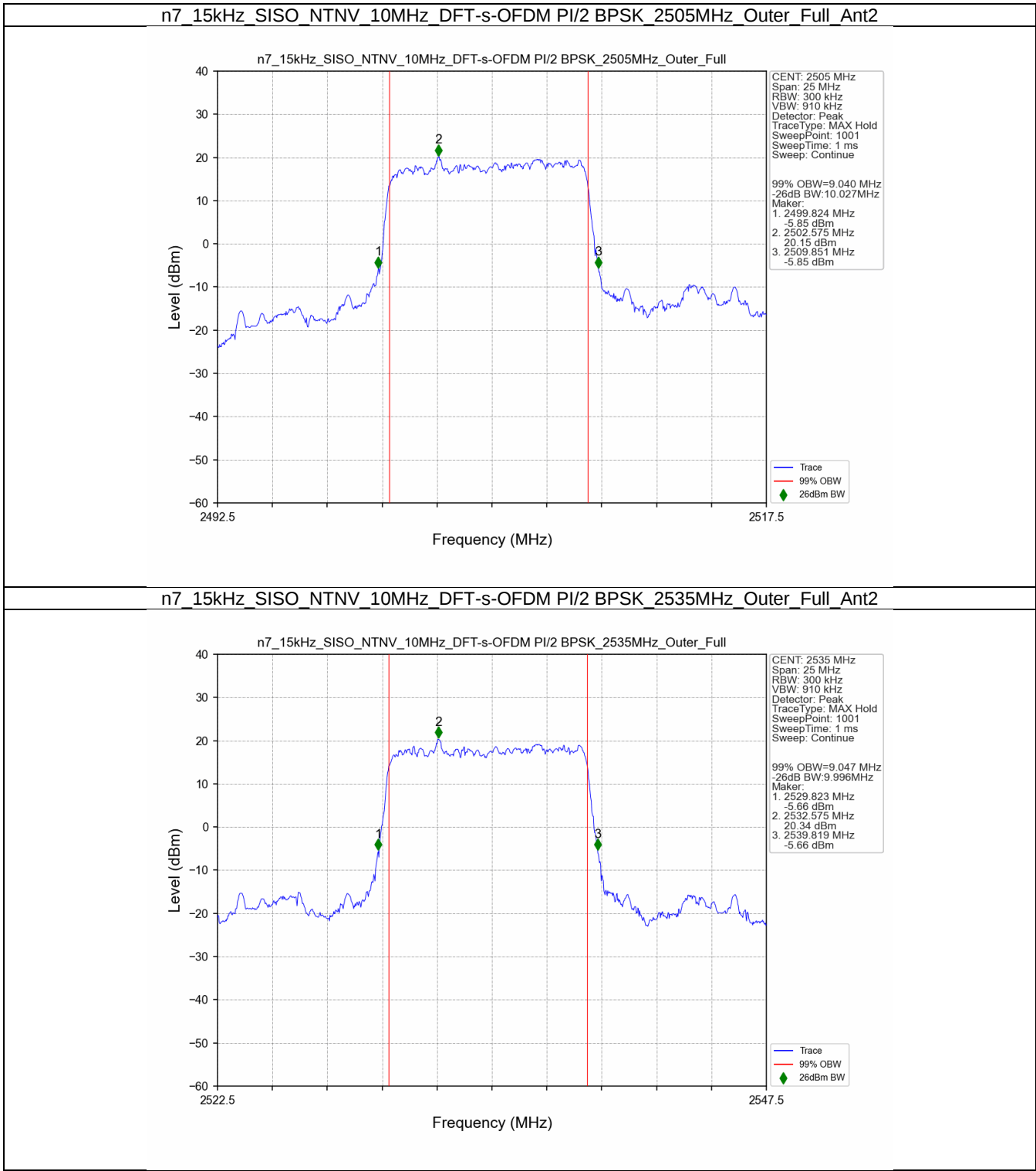
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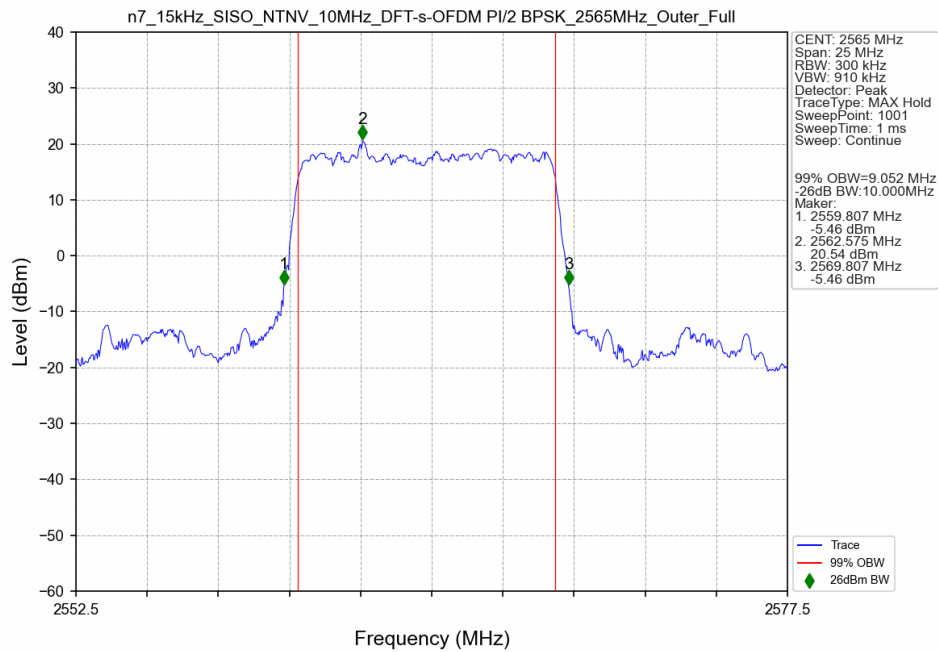
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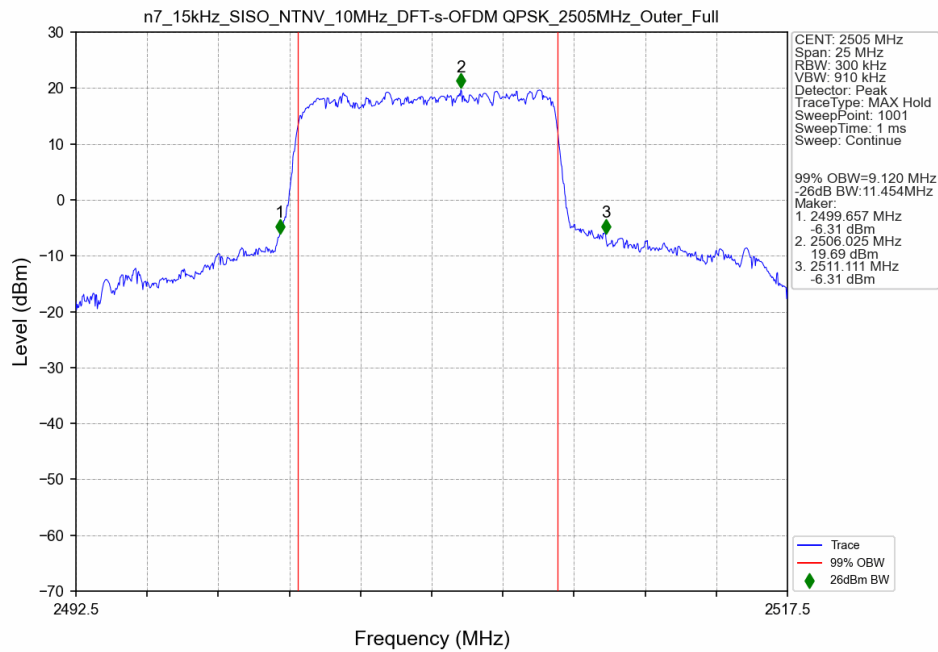
3.2.2 15k_SISO_10MHz_NTNV



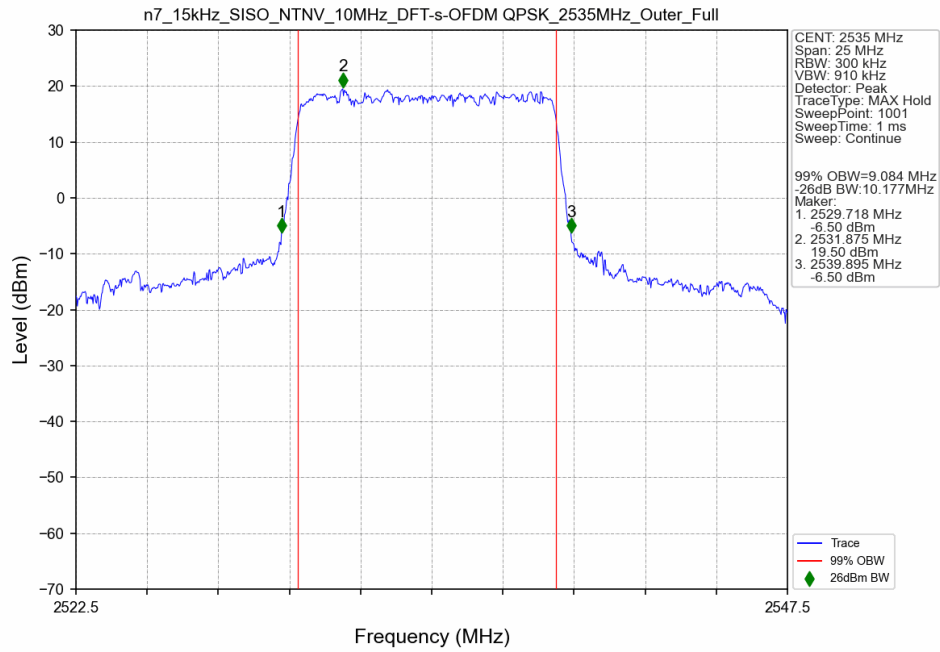
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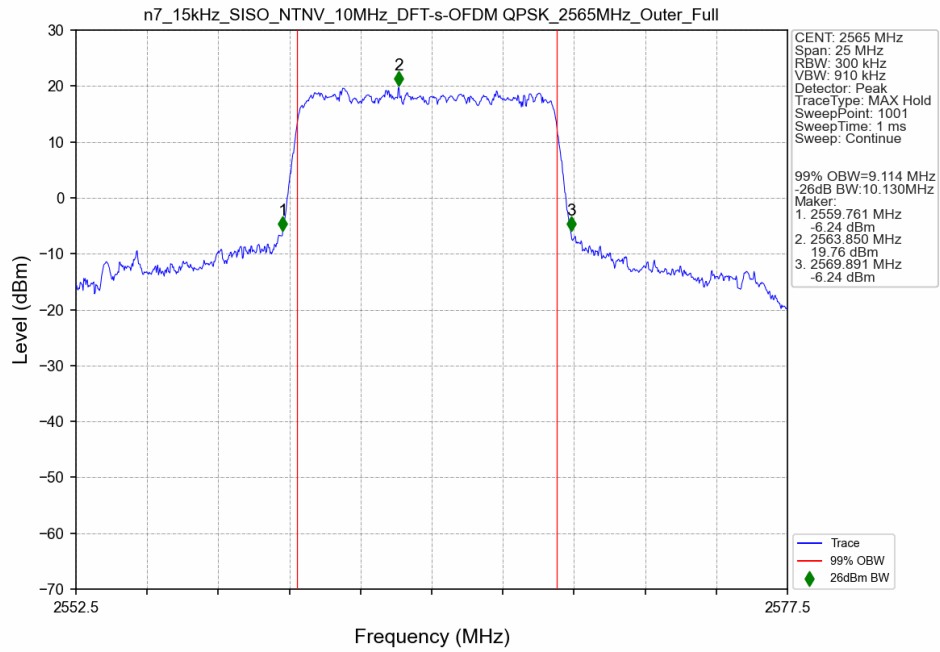
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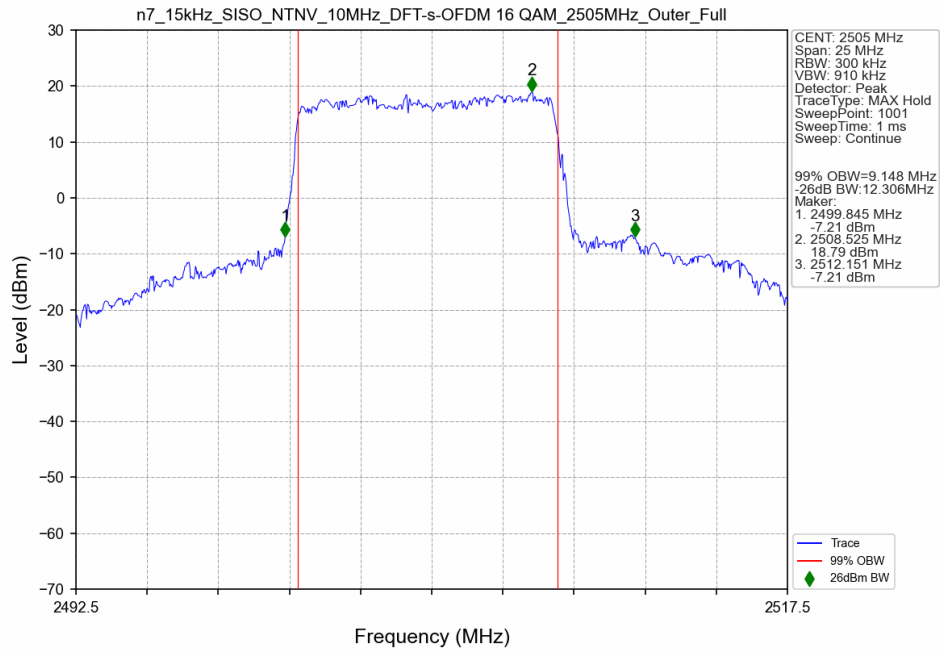
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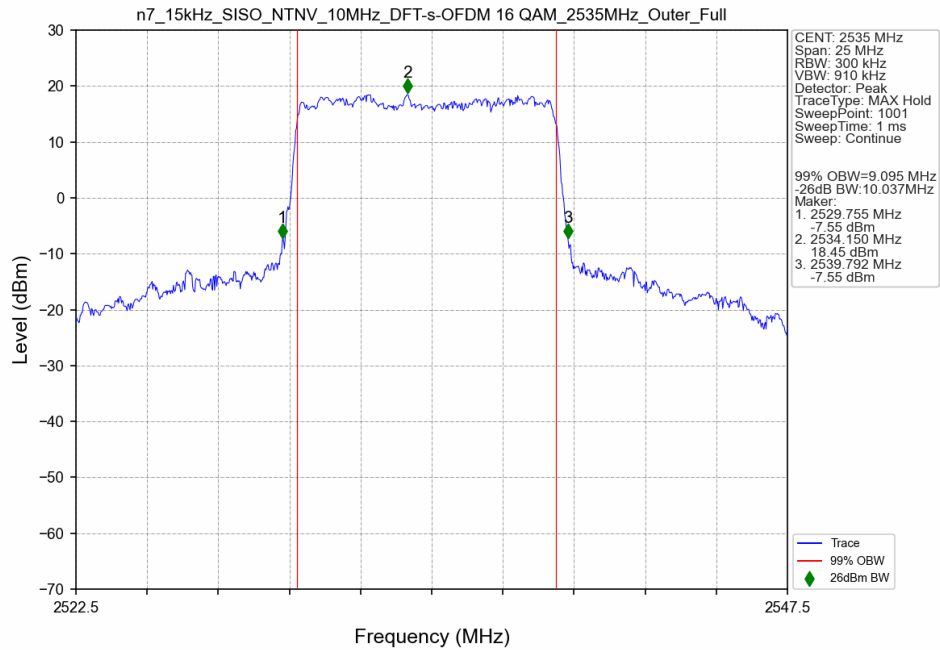
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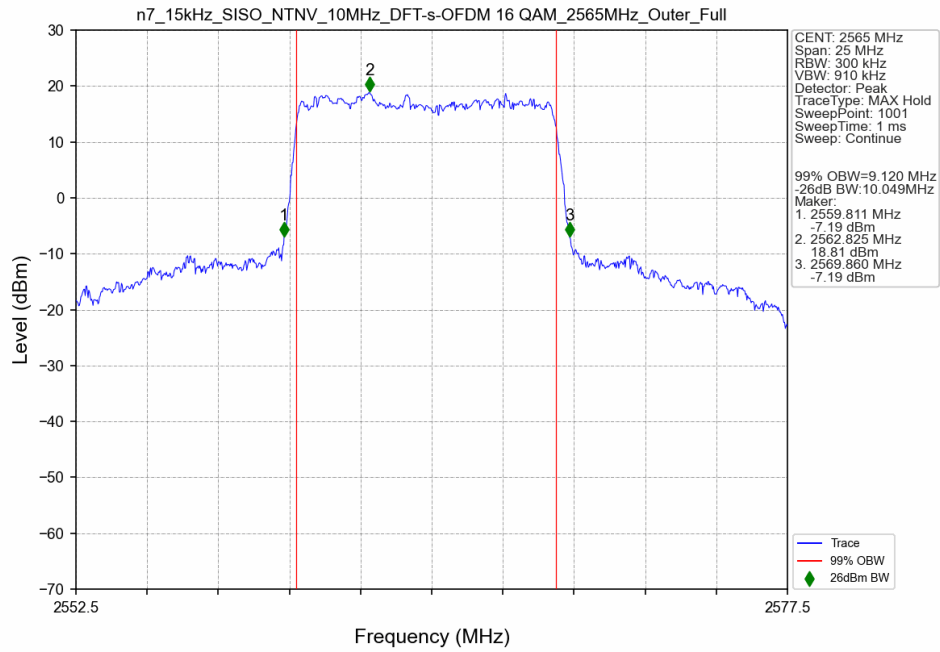
n7 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 2505MHz Outer Full Ant2



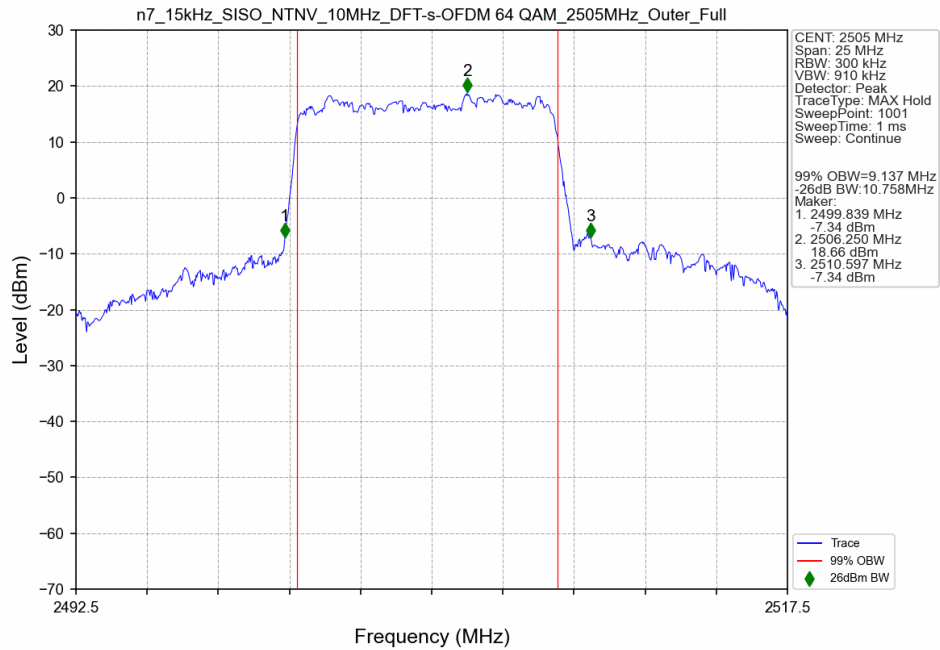
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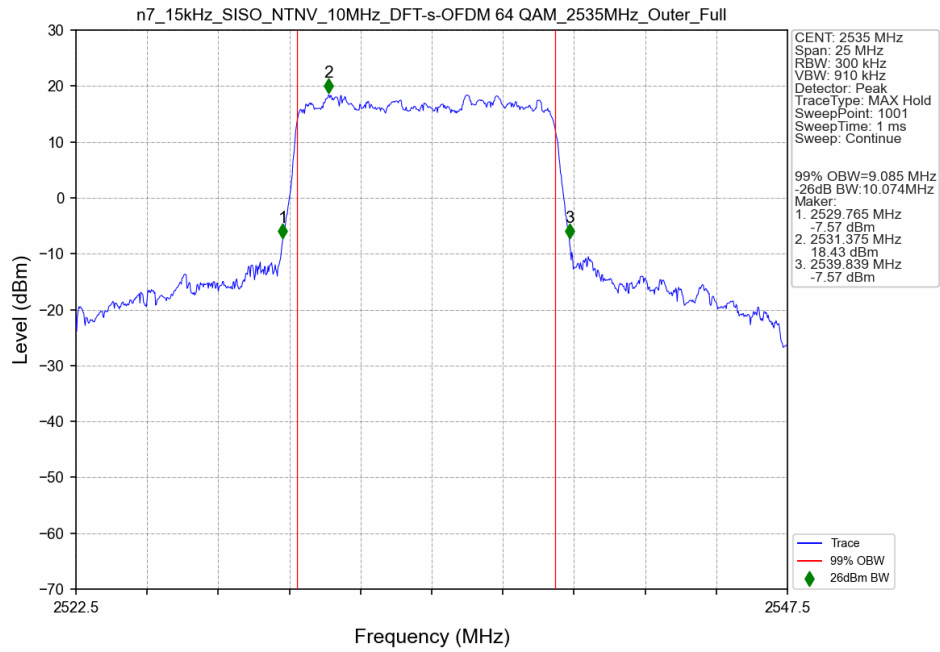
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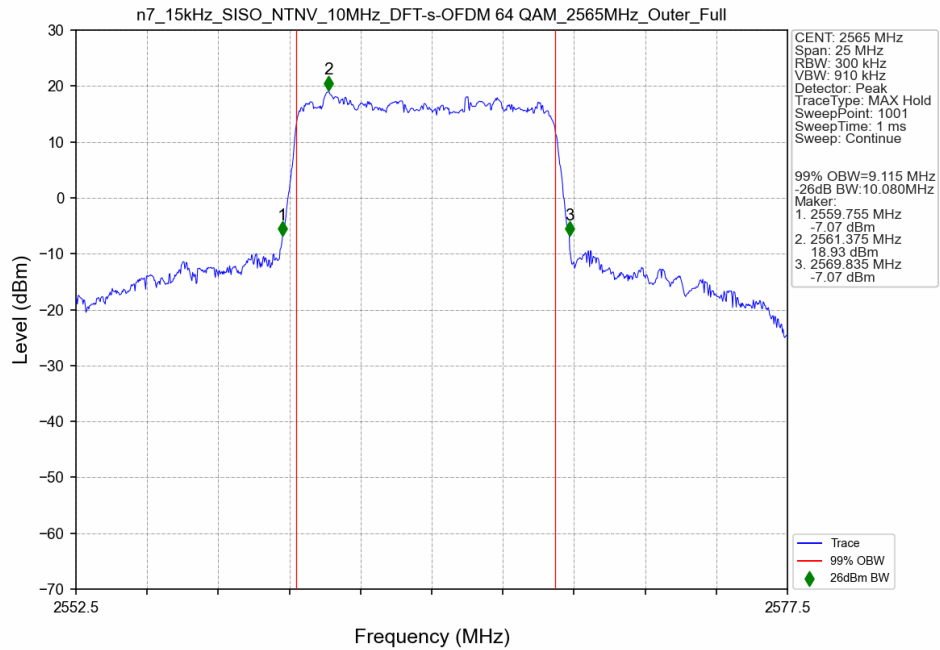
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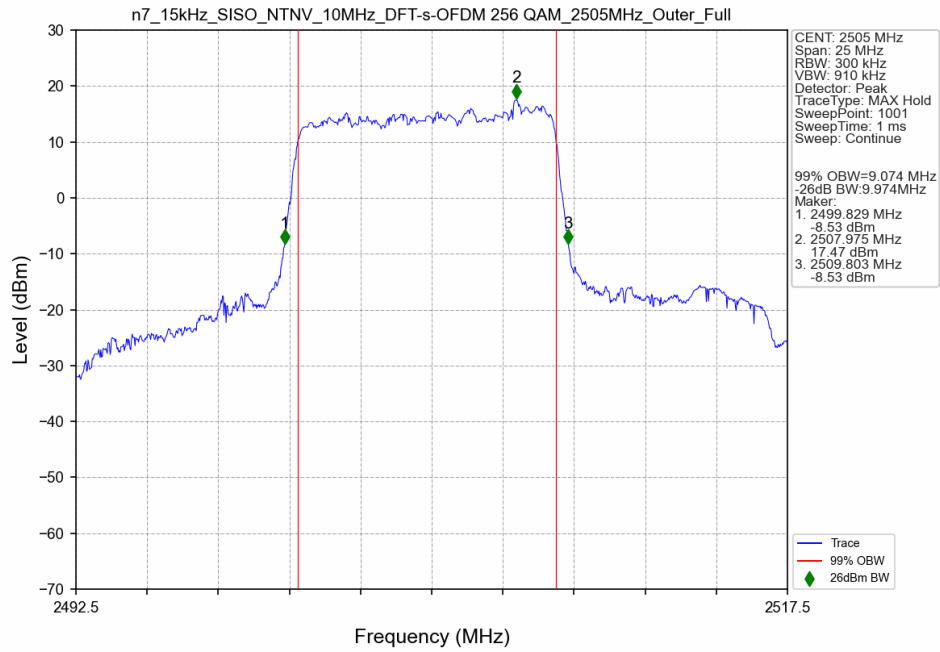
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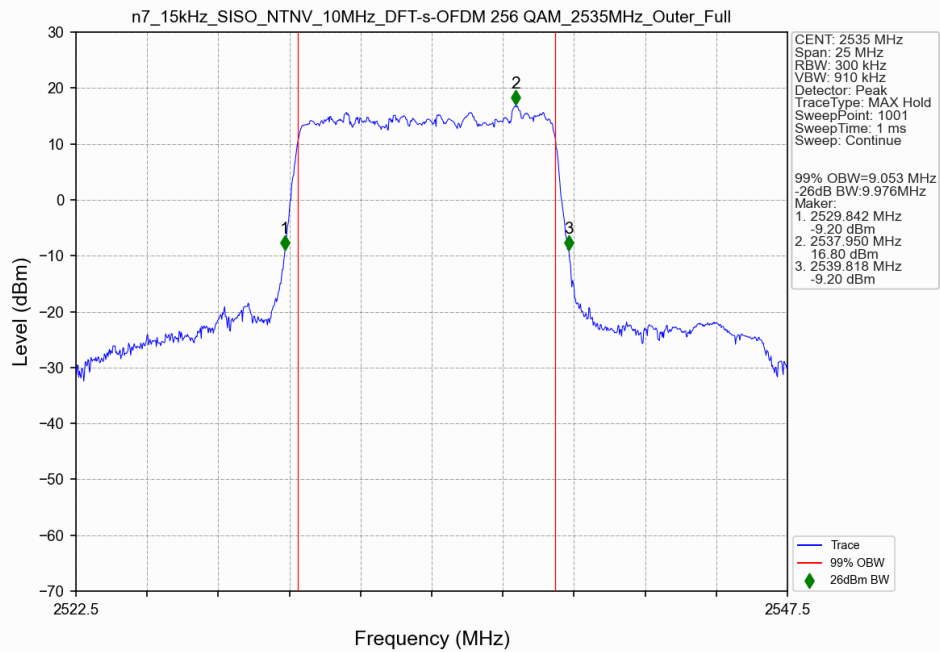
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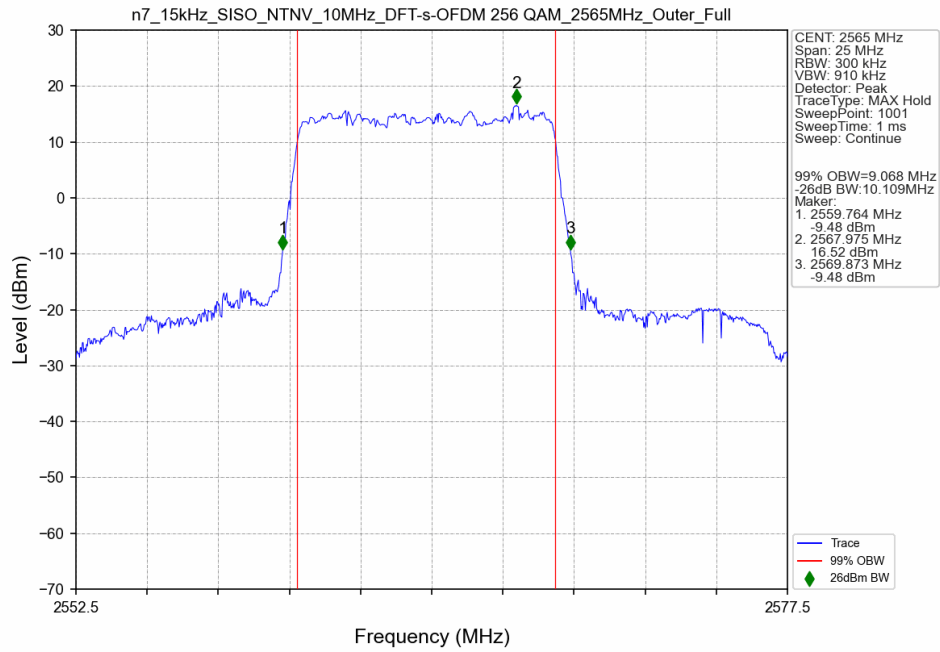
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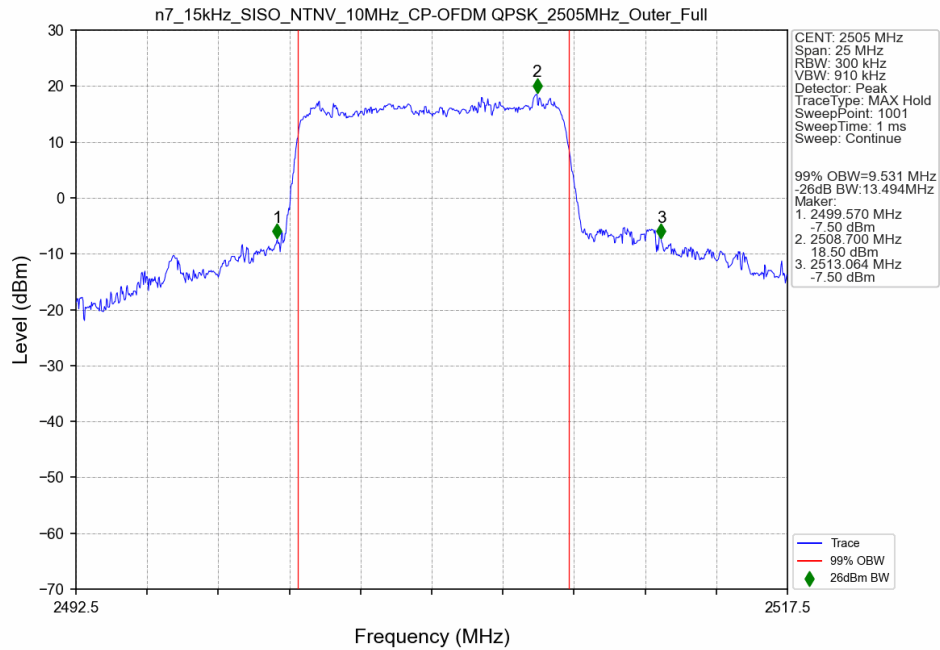
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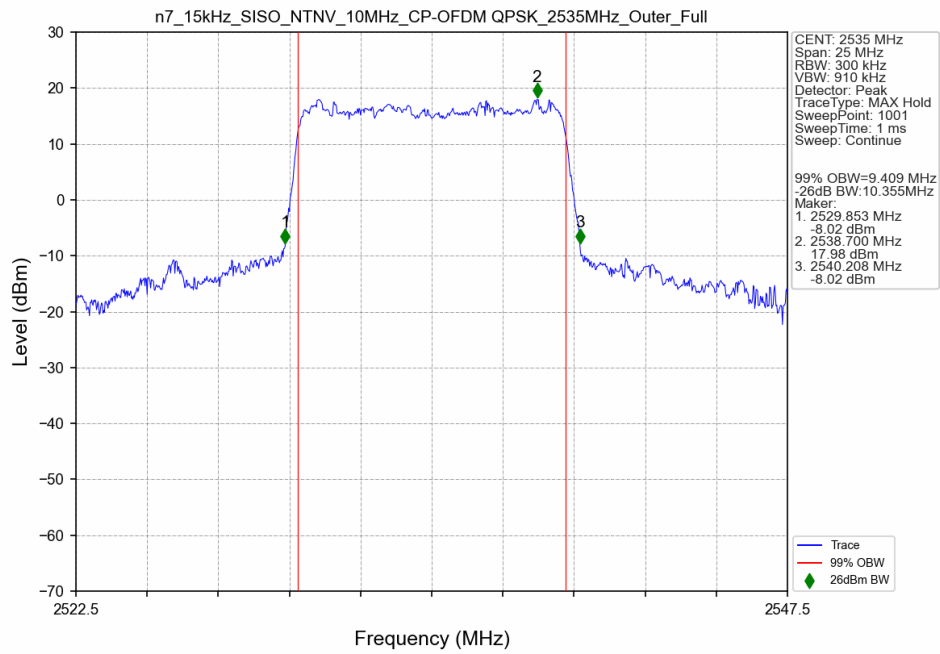
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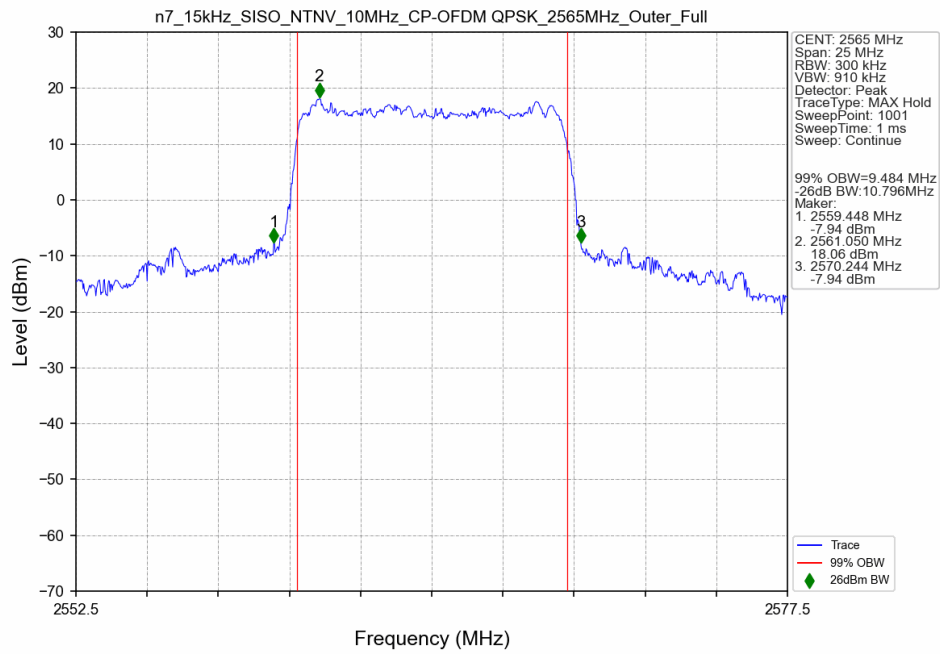
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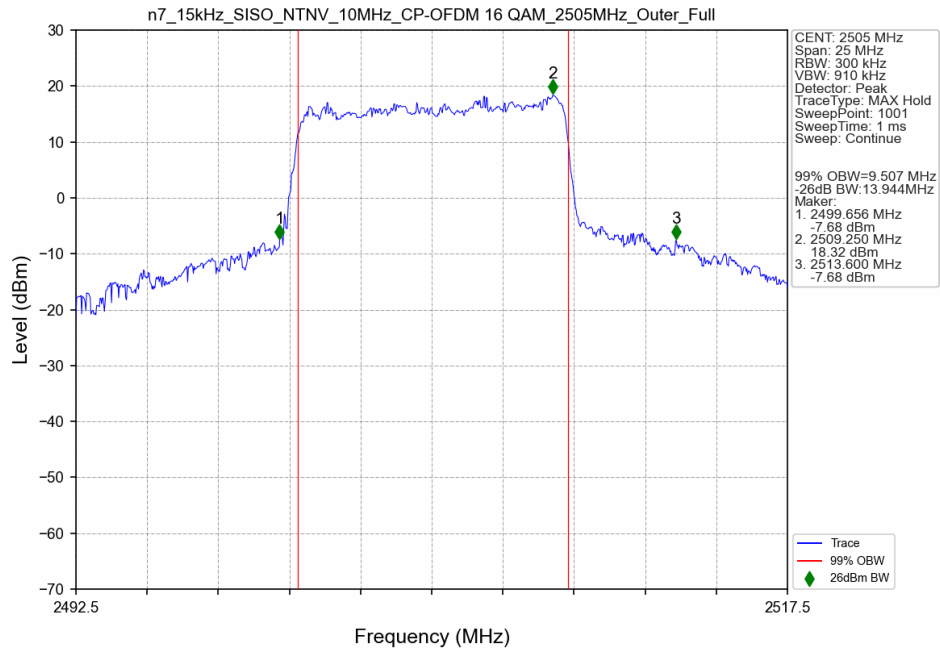
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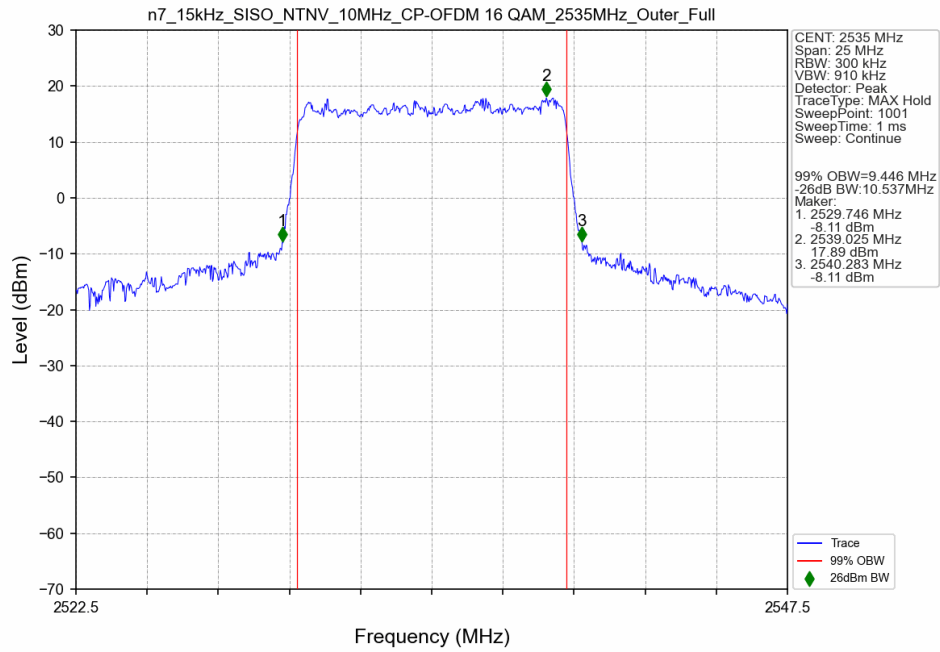
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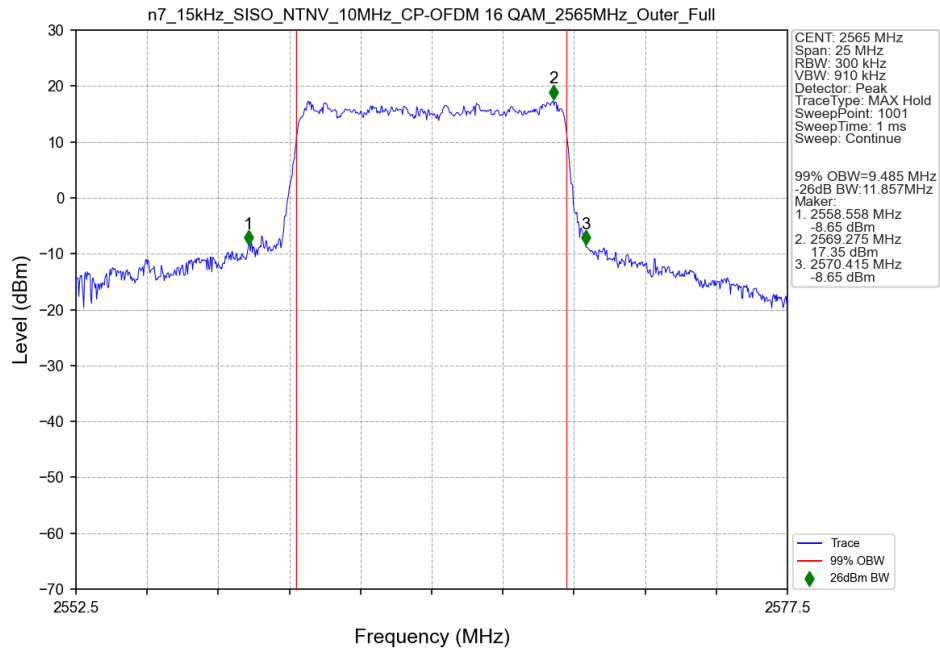
n7 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 2505MHz Outer Full Ant2



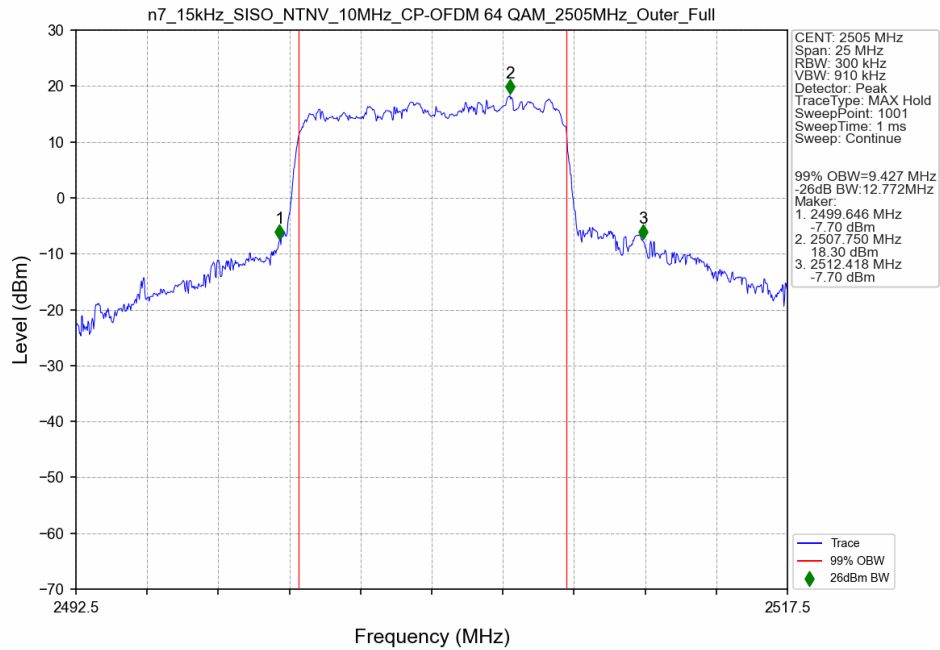
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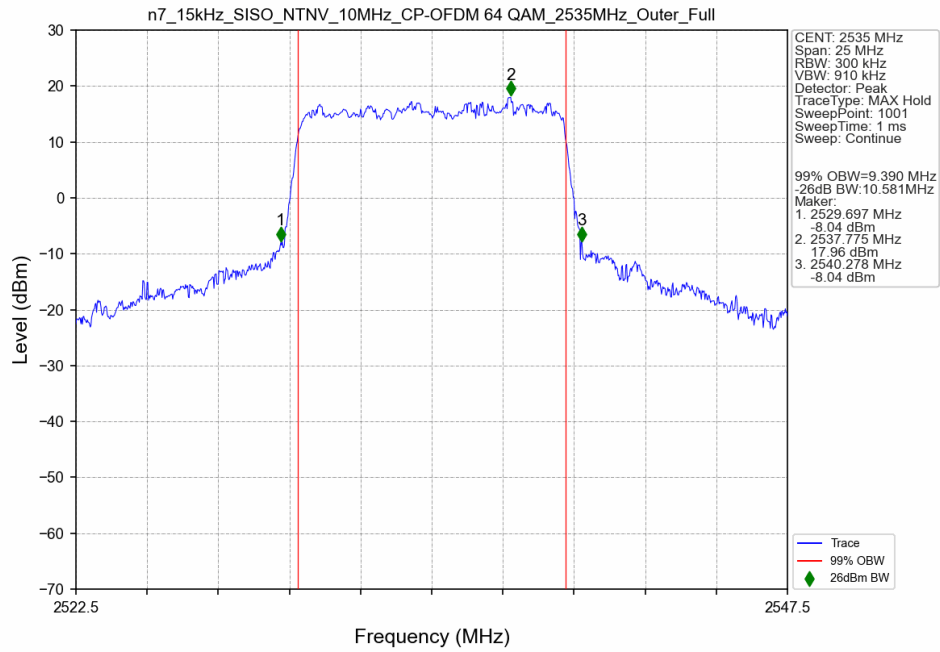
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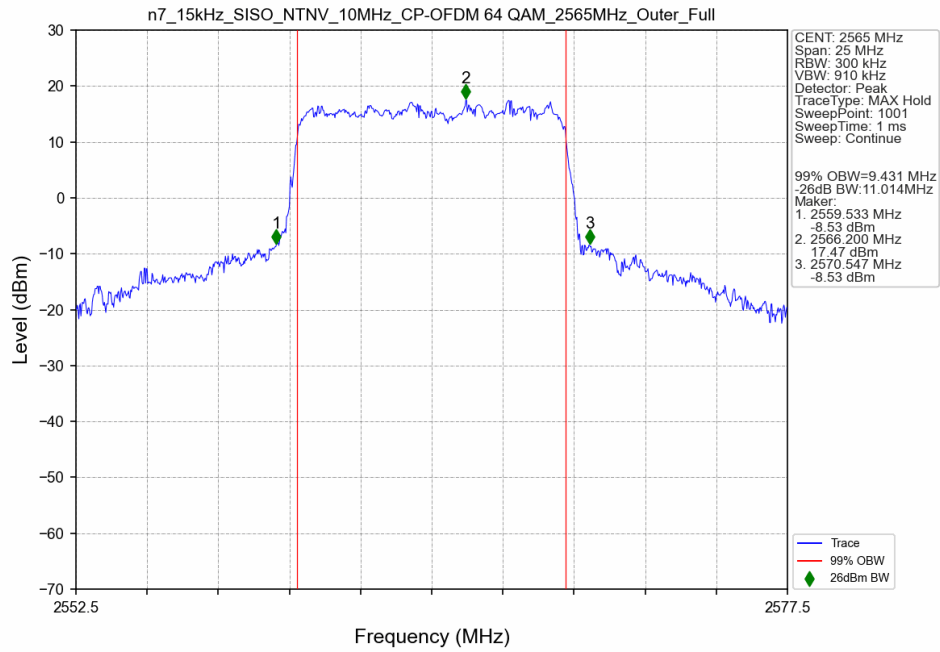
n7 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 2505MHz Outer Full Ant2



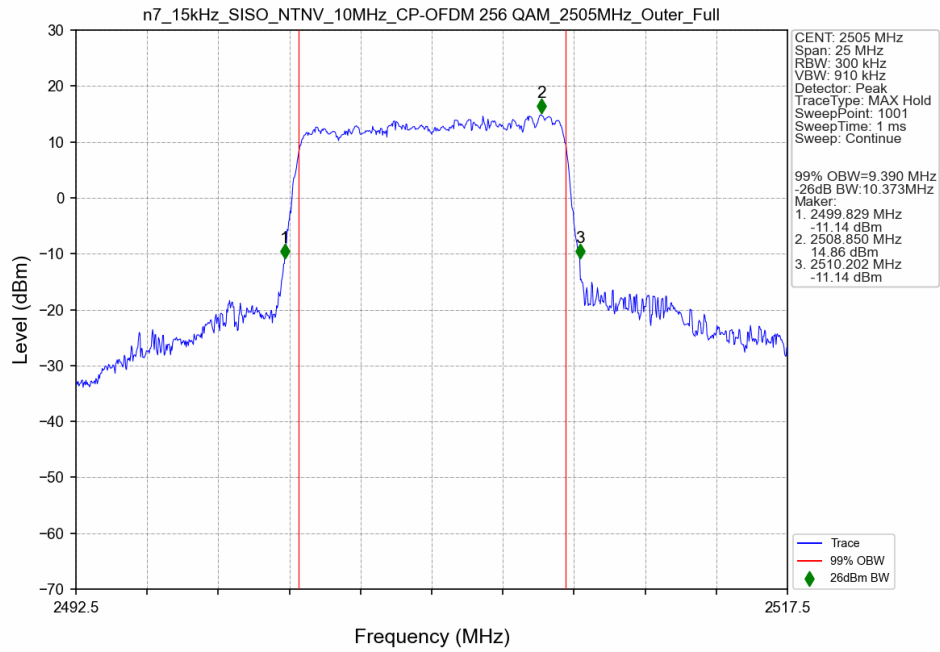
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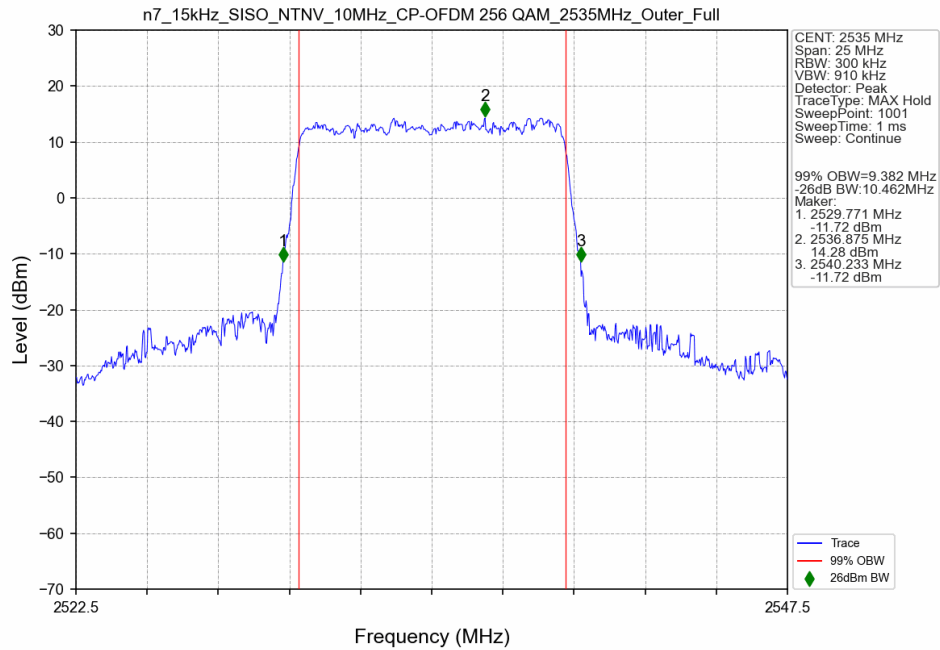
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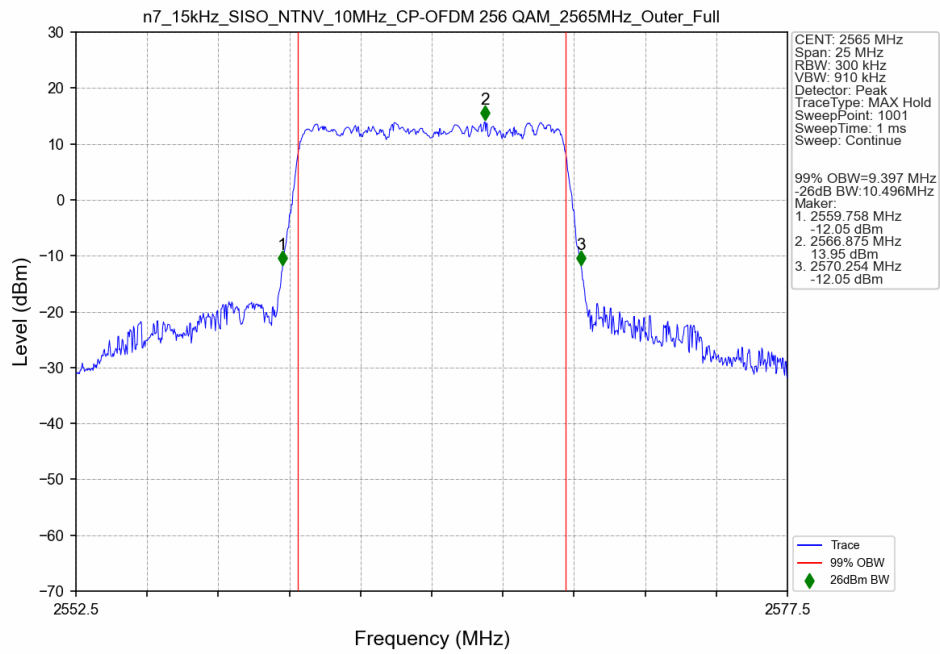
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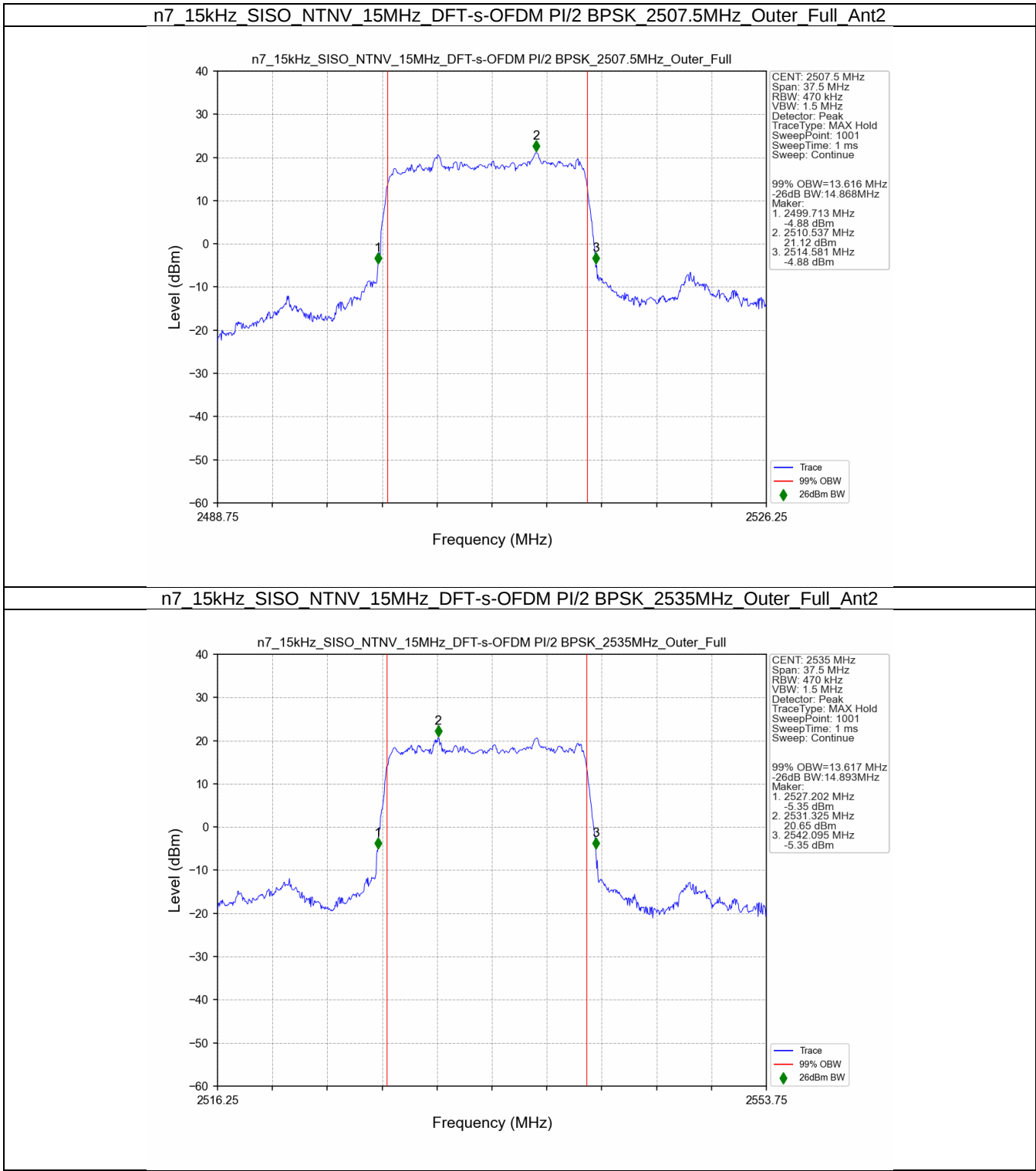
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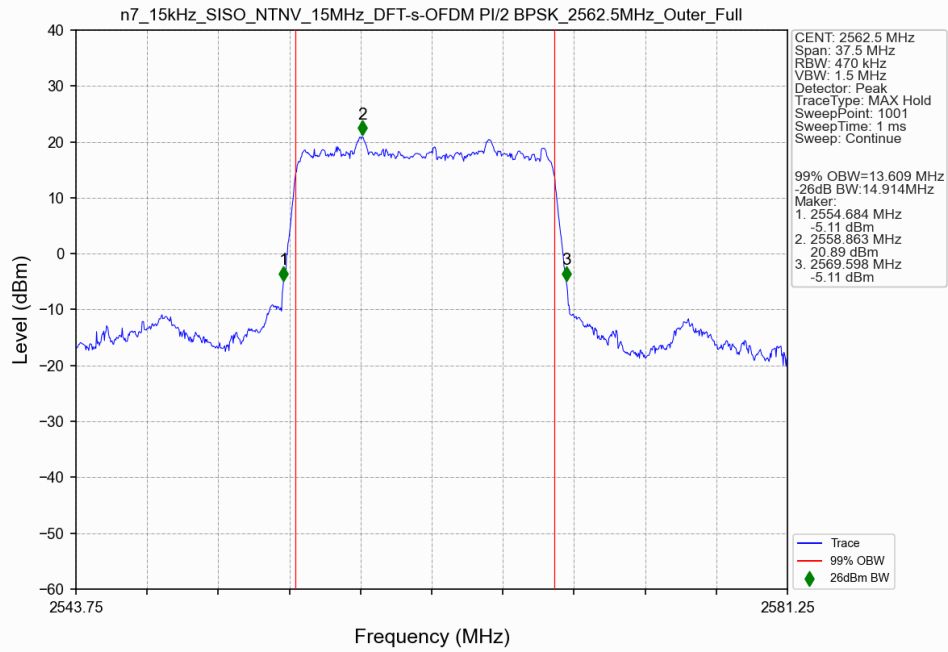
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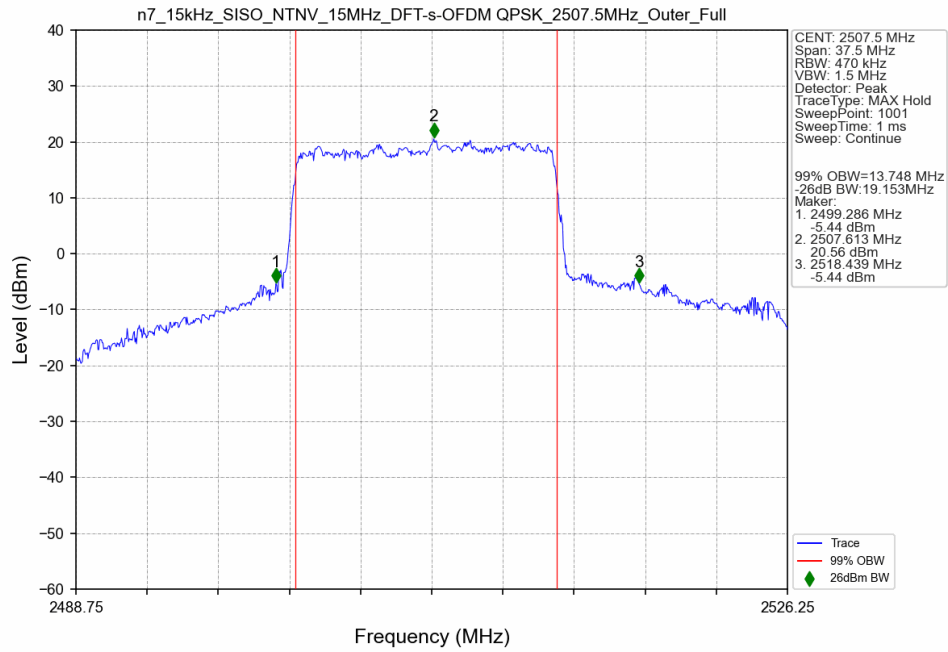
3.2.3 15k_SISO_15MHz_NTNV



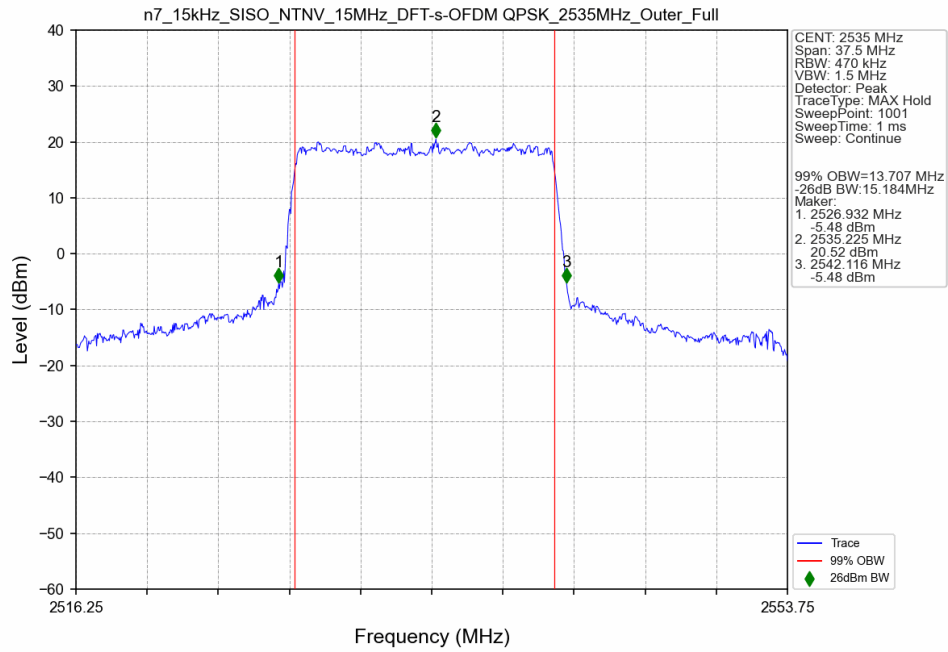
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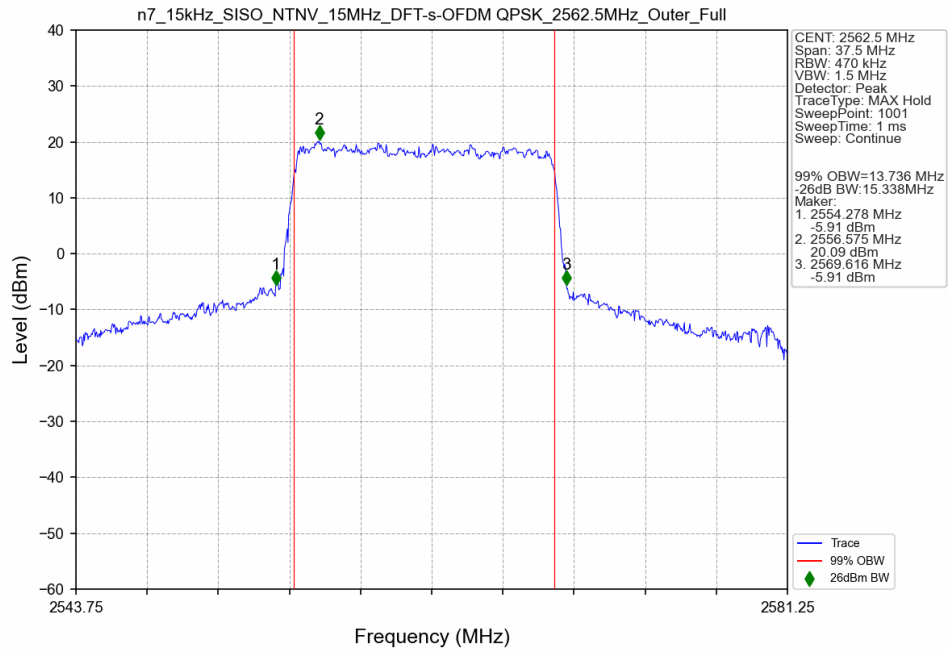
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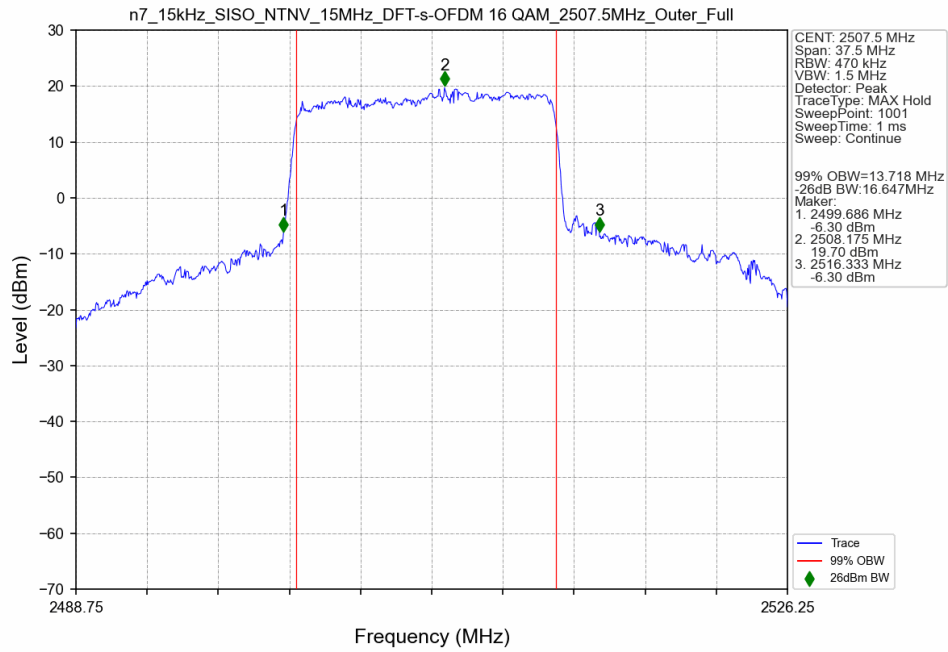
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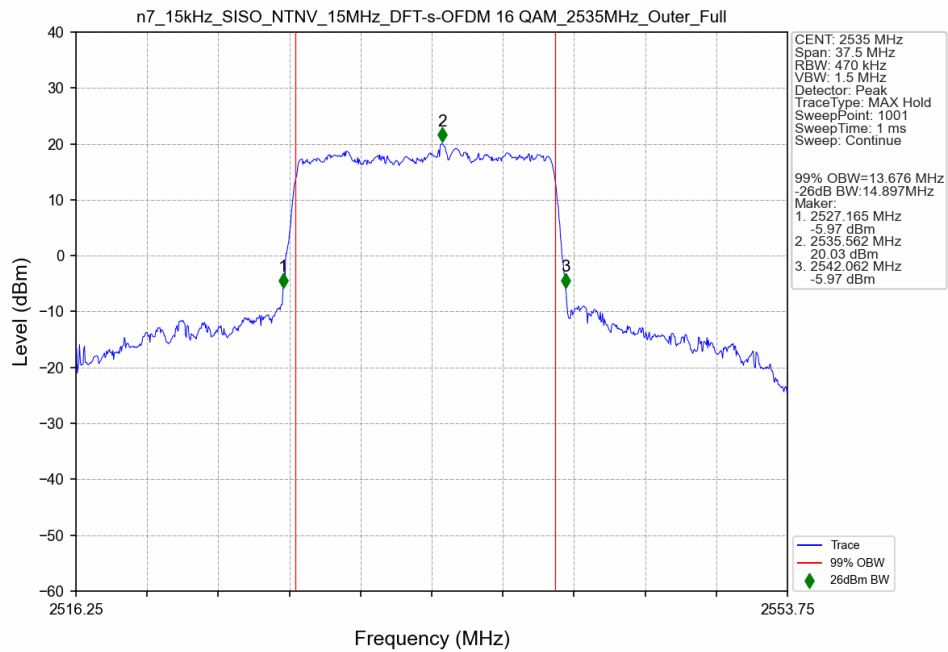
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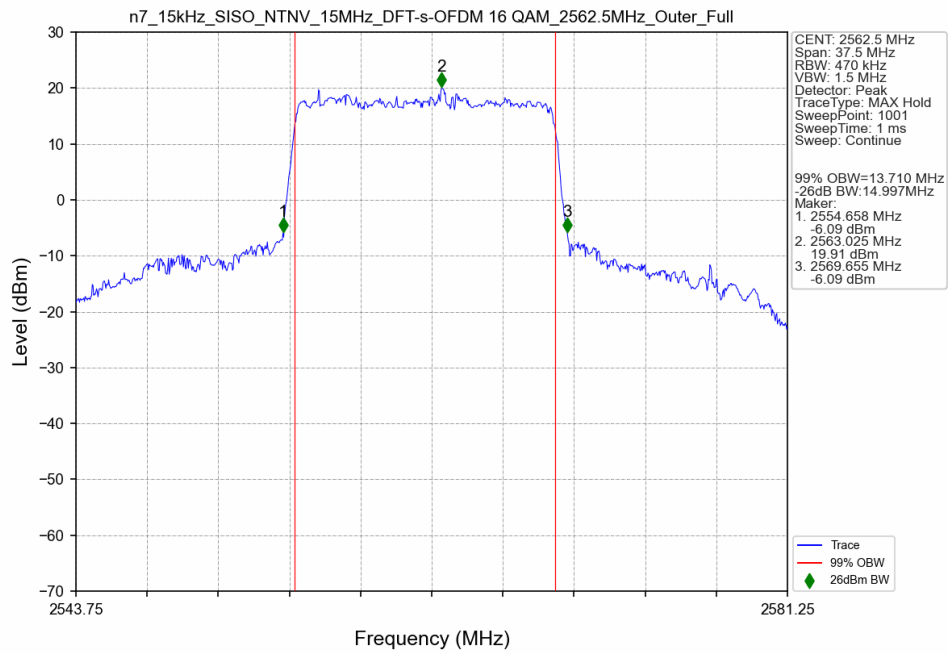
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n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full_Ant2



n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_2562.5MHz_Outer_Full_Ant2



n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_2507.5MHz_Outer_Full_Ant2

