

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
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge 1RB Left	24.03	/	/	24.08	/	/	<=33	Pass
		Edge 1RB Right	24.31	/	/	24.36	/	/	<=33	Pass
		Outer Full	24.25	/	/	24.30	/	/	<=33	Pass
		Inner Full	24.84	/	/	24.89	/	/	<=33	Pass
		Inner 1RB Left	24.54	/	/	24.59	/	/	<=33	Pass
		Inner 1RB Right	24.77	/	/	24.82	/	/	<=33	Pass
	2535	Edge 1RB Left	23.98	/	/	24.03	/	/	<=33	Pass
		Edge 1RB Right	24.11	/	/	24.16	/	/	<=33	Pass
		Outer Full	24.13	/	/	24.18	/	/	<=33	Pass
		Inner Full	24.61	/	/	24.66	/	/	<=33	Pass
		Inner 1RB Left	24.45	/	/	24.50	/	/	<=33	Pass
		Inner 1RB Right	24.62	/	/	24.67	/	/	<=33	Pass
	2567.5	Edge 1RB Left	24.19	/	/	24.24	/	/	<=33	Pass
		Edge 1RB Right	24.25	/	/	24.30	/	/	<=33	Pass
		Outer Full	24.26	/	/	24.31	/	/	<=33	Pass
		Inner Full	24.83	/	/	24.88	/	/	<=33	Pass
		Inner 1RB Left	24.69	/	/	24.74	/	/	<=33	Pass
		Inner 1RB Right	24.74	/	/	24.79	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge 1RB Left	23.89	/	/	23.94	/	/	<=33	Pass
		Edge 1RB Right	24.02	/	/	24.07	/	/	<=33	Pass
		Outer Full	23.94	/	/	23.99	/	/	<=33	Pass
		Inner Full	24.78	/	/	24.83	/	/	<=33	Pass
		Inner 1RB Left	24.76	/	/	24.81	/	/	<=33	Pass
		Inner 1RB Right	24.93	/	/	24.98	/	/	<=33	Pass
	2535	Edge 1RB Left	23.85	/	/	23.90	/	/	<=33	Pass
		Edge 1RB Right	23.87	/	/	23.92	/	/	<=33	Pass
		Outer Full	23.83	/	/	23.88	/	/	<=33	Pass
		Inner Full	24.54	/	/	24.59	/	/	<=33	Pass
		Inner 1RB Left	24.72	/	/	24.77	/	/	<=33	Pass
		Inner 1RB Right	24.78	/	/	24.83	/	/	<=33	Pass
	2567.5	Edge 1RB Left	24.04	/	/	24.09	/	/	<=33	Pass
		Edge 1RB Right	23.98	/	/	24.03	/	/	<=33	Pass
		Outer Full	23.99	/	/	24.04	/	/	<=33	Pass
		Inner Full	24.78	/	/	24.83	/	/	<=33	Pass
		Inner 1RB Left	24.90	/	/	24.95	/	/	<=33	Pass
		Inner 1RB Right	24.91	/	/	24.96	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge 1RB Left	23.22	/	/	23.27	/	/	<=33	Pass
		Edge 1RB Right	23.40	/	/	23.45	/	/	<=33	Pass
		Outer Full	23.33	/	/	23.38	/	/	<=33	Pass
		Inner Full	23.74	/	/	23.79	/	/	<=33	Pass
		Inner 1RB Left	23.74	/	/	23.79	/	/	<=33	Pass
		Inner 1RB Right	23.97	/	/	24.02	/	/	<=33	Pass
	2535	Edge 1RB Left	23.32	/	/	23.37	/	/	<=33	Pass
		Edge 1RB Right	23.42	/	/	23.47	/	/	<=33	Pass
		Outer Full	23.14	/	/	23.19	/	/	<=33	Pass
		Inner Full	23.50	/	/	23.55	/	/	<=33	Pass
		Inner 1RB Left	23.84	/	/	23.89	/	/	<=33	Pass
		Inner 1RB Right	23.91	/	/	23.96	/	/	<=33	Pass
	2567.5	Edge 1RB Left	23.36	/	/	23.41	/	/	<=33	Pass

		Edge 1RB Right	23.41	/	/	23.46	/	/	<=33	Pass
		Outer_Full	23.22	/	/	23.27	/	/	<=33	Pass
		Inner_Full	23.64	/	/	23.69	/	/	<=33	Pass
		Inner 1RB Left	23.89	/	/	23.94	/	/	<=33	Pass
		Inner 1RB Right	23.95	/	/	24.00	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge 1RB Left	22.55	/	/	22.60	/	/	<=33	Pass
		Edge 1RB Right	22.66	/	/	22.71	/	/	<=33	Pass
		Outer_Full	22.70	/	/	22.75	/	/	<=33	Pass
		Inner_Full	22.62	/	/	22.67	/	/	<=33	Pass
		Inner 1RB Left	22.57	/	/	22.62	/	/	<=33	Pass
		Inner 1RB Right	22.72	/	/	22.77	/	/	<=33	Pass
	2535	Edge 1RB Left	22.53	/	/	22.58	/	/	<=33	Pass
		Edge 1RB Right	22.61	/	/	22.66	/	/	<=33	Pass
		Outer_Full	22.58	/	/	22.63	/	/	<=33	Pass
		Inner_Full	22.40	/	/	22.45	/	/	<=33	Pass
		Inner 1RB Left	22.52	/	/	22.57	/	/	<=33	Pass
		Inner 1RB Right	22.66	/	/	22.71	/	/	<=33	Pass
	2567.5	Edge 1RB Left	22.65	/	/	22.70	/	/	<=33	Pass
		Edge 1RB Right	22.61	/	/	22.66	/	/	<=33	Pass
		Outer_Full	22.66	/	/	22.71	/	/	<=33	Pass
		Inner_Full	22.58	/	/	22.63	/	/	<=33	Pass
		Inner 1RB Left	22.63	/	/	22.68	/	/	<=33	Pass
		Inner 1RB Right	22.66	/	/	22.71	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Edge 1RB Left	20.32	/	/	20.37	/	/	<=33	Pass
		Edge 1RB Right	20.57	/	/	20.62	/	/	<=33	Pass
		Outer_Full	21.71	/	/	21.76	/	/	<=33	Pass
		Inner_Full	21.71	/	/	21.76	/	/	<=33	Pass
		Inner 1RB Left	21.31	/	/	21.36	/	/	<=33	Pass
		Inner 1RB Right	21.51	/	/	21.56	/	/	<=33	Pass
	2535	Edge 1RB Left	20.29	/	/	20.34	/	/	<=33	Pass
		Edge 1RB Right	20.35	/	/	20.40	/	/	<=33	Pass
		Outer_Full	21.60	/	/	21.65	/	/	<=33	Pass
		Inner_Full	21.59	/	/	21.64	/	/	<=33	Pass
		Inner 1RB Left	21.31	/	/	21.36	/	/	<=33	Pass
		Inner 1RB Right	21.46	/	/	21.51	/	/	<=33	Pass
	2567.5	Edge 1RB Left	20.51	/	/	20.56	/	/	<=33	Pass
		Edge 1RB Right	20.48	/	/	20.53	/	/	<=33	Pass
		Outer_Full	21.70	/	/	21.75	/	/	<=33	Pass
		Inner_Full	21.73	/	/	21.78	/	/	<=33	Pass
		Inner 1RB Left	21.50	/	/	21.55	/	/	<=33	Pass
		Inner 1RB Right	21.53	/	/	21.58	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Edge 1RB Left	22.21	/	/	22.26	/	/	<=33	Pass
		Edge 1RB Right	22.43	/	/	22.48	/	/	<=33	Pass
		Outer_Full	22.38	/	/	22.43	/	/	<=33	Pass
		Inner_Full	23.68	/	/	23.73	/	/	<=33	Pass
		Inner 1RB Left	23.39	/	/	23.44	/	/	<=33	Pass
		Inner 1RB Right	23.65	/	/	23.70	/	/	<=33	Pass
	2535	Edge 1RB Left	22.08	/	/	22.13	/	/	<=33	Pass
		Edge 1RB Right	22.15	/	/	22.20	/	/	<=33	Pass
		Outer_Full	22.18	/	/	22.23	/	/	<=33	Pass
		Inner_Full	23.44	/	/	23.49	/	/	<=33	Pass
		Inner 1RB Left	23.28	/	/	23.33	/	/	<=33	Pass
		Inner 1RB Right	23.43	/	/	23.48	/	/	<=33	Pass
	2567.5	Edge 1RB Left	22.30	/	/	22.35	/	/	<=33	Pass
		Edge 1RB Right	22.31	/	/	22.36	/	/	<=33	Pass
		Outer_Full	22.17	/	/	22.22	/	/	<=33	Pass
		Inner_Full	23.55	/	/	23.60	/	/	<=33	Pass
		Inner 1RB Left	23.50	/	/	23.55	/	/	<=33	Pass
		Inner 1RB Right	23.55	/	/	23.60	/	/	<=33	Pass

CP-OFDM 16 QAM	2502.5	Edge 1RB Left	22.34	/	/	22.39	/	/	<=33	Pass
		Edge 1RB Right	22.49	/	/	22.54	/	/	<=33	Pass
		Outer_Full	22.39	/	/	22.44	/	/	<=33	Pass
		Inner_Full	23.52	/	/	23.57	/	/	<=33	Pass
		Inner 1RB Left	23.23	/	/	23.28	/	/	<=33	Pass
		Inner 1RB Right	23.55	/	/	23.60	/	/	<=33	Pass
	2535	Edge 1RB Left	22.07	/	/	22.12	/	/	<=33	Pass
		Edge 1RB Right	22.05	/	/	22.10	/	/	<=33	Pass
		Outer_Full	22.07	/	/	22.12	/	/	<=33	Pass
		Inner_Full	23.41	/	/	23.46	/	/	<=33	Pass
		Inner 1RB Left	23.36	/	/	23.41	/	/	<=33	Pass
		Inner 1RB Right	23.48	/	/	23.53	/	/	<=33	Pass
	2567.5	Edge 1RB Left	22.24	/	/	22.29	/	/	<=33	Pass
		Edge 1RB Right	22.27	/	/	22.32	/	/	<=33	Pass
		Outer_Full	22.40	/	/	22.45	/	/	<=33	Pass
		Inner_Full	23.56	/	/	23.61	/	/	<=33	Pass
		Inner 1RB Left	23.59	/	/	23.64	/	/	<=33	Pass
		Inner 1RB Right	23.67	/	/	23.72	/	/	<=33	Pass
CP-OFDM 64 QAM	2502.5	Edge 1RB Left	21.39	/	/	21.44	/	/	<=33	Pass
		Edge 1RB Right	21.57	/	/	21.62	/	/	<=33	Pass
		Outer_Full	21.71	/	/	21.76	/	/	<=33	Pass
		Inner_Full	21.87	/	/	21.92	/	/	<=33	Pass
		Inner 1RB Left	21.52	/	/	21.57	/	/	<=33	Pass
		Inner 1RB Right	21.81	/	/	21.86	/	/	<=33	Pass
	2535	Edge 1RB Left	21.49	/	/	21.54	/	/	<=33	Pass
		Edge 1RB Right	21.62	/	/	21.67	/	/	<=33	Pass
		Outer_Full	21.60	/	/	21.65	/	/	<=33	Pass
		Inner_Full	21.62	/	/	21.67	/	/	<=33	Pass
		Inner 1RB Left	21.71	/	/	21.76	/	/	<=33	Pass
		Inner 1RB Right	21.82	/	/	21.87	/	/	<=33	Pass
	2567.5	Edge 1RB Left	21.72	/	/	21.77	/	/	<=33	Pass
		Edge 1RB Right	21.67	/	/	21.72	/	/	<=33	Pass
		Outer_Full	21.74	/	/	21.79	/	/	<=33	Pass
		Inner_Full	21.87	/	/	21.92	/	/	<=33	Pass
		Inner 1RB Left	21.90	/	/	21.95	/	/	<=33	Pass
		Inner 1RB Right	21.90	/	/	21.95	/	/	<=33	Pass
CP-OFDM 256 QAM	2502.5	Edge 1RB Left	18.34	/	/	18.39	/	/	<=33	Pass
		Edge 1RB Right	18.61	/	/	18.66	/	/	<=33	Pass
		Outer_Full	19.79	/	/	19.84	/	/	<=33	Pass
		Inner_Full	19.87	/	/	19.92	/	/	<=33	Pass
		Inner 1RB Left	19.31	/	/	19.36	/	/	<=33	Pass
		Inner 1RB Right	19.60	/	/	19.65	/	/	<=33	Pass
	2535	Edge 1RB Left	18.22	/	/	18.27	/	/	<=33	Pass
		Edge 1RB Right	18.39	/	/	18.44	/	/	<=33	Pass
		Outer_Full	19.57	/	/	19.62	/	/	<=33	Pass
		Inner_Full	19.59	/	/	19.64	/	/	<=33	Pass
		Inner 1RB Left	19.23	/	/	19.28	/	/	<=33	Pass
		Inner 1RB Right	19.33	/	/	19.38	/	/	<=33	Pass
	2567.5	Edge 1RB Left	18.46	/	/	18.51	/	/	<=33	Pass
		Edge 1RB Right	18.43	/	/	18.48	/	/	<=33	Pass
		Outer_Full	19.82	/	/	19.87	/	/	<=33	Pass
		Inner_Full	19.81	/	/	19.86	/	/	<=33	Pass
		Inner 1RB Left	19.46	/	/	19.51	/	/	<=33	Pass
		Inner 1RB Right	19.41	/	/	19.46	/	/	<=33	Pass
Note1: Antenna Gain: Ant41: 0.05dBi;										
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
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2505	Edge 1RB Left	23.79	/	/	23.84	/	/	<=33	Pass
		Edge 1RB Right	24.24	/	/	24.29	/	/	<=33	Pass
		Outer Full	24.14	/	/	24.19	/	/	<=33	Pass
		Inner Full	24.59	/	/	24.64	/	/	<=33	Pass
		Inner 1RB Left	24.22	/	/	24.27	/	/	<=33	Pass
		Inner 1RB Right	24.68	/	/	24.73	/	/	<=33	Pass
	2535	Edge 1RB Left	23.97	/	/	24.02	/	/	<=33	Pass
		Edge 1RB Right	24.10	/	/	24.15	/	/	<=33	Pass
		Outer Full	24.09	/	/	24.14	/	/	<=33	Pass
		Inner Full	24.65	/	/	24.70	/	/	<=33	Pass
		Inner 1RB Left	24.48	/	/	24.53	/	/	<=33	Pass
		Inner 1RB Right	24.61	/	/	24.66	/	/	<=33	Pass
	2565	Edge 1RB Left	24.21	/	/	24.26	/	/	<=33	Pass
		Edge 1RB Right	24.13	/	/	24.18	/	/	<=33	Pass
		Outer Full	24.31	/	/	24.36	/	/	<=33	Pass
		Inner Full	24.79	/	/	24.84	/	/	<=33	Pass
		Inner 1RB Left	24.70	/	/	24.75	/	/	<=33	Pass
		Inner 1RB Right	24.69	/	/	24.74	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge 1RB Left	23.53	/	/	23.58	/	/	<=33	Pass
		Edge 1RB Right	23.94	/	/	23.99	/	/	<=33	Pass
		Outer Full	23.79	/	/	23.84	/	/	<=33	Pass
		Inner Full	24.63	/	/	24.68	/	/	<=33	Pass
		Inner 1RB Left	24.38	/	/	24.43	/	/	<=33	Pass
		Inner 1RB Right	24.74	/	/	24.79	/	/	<=33	Pass
	2535	Edge 1RB Left	23.81	/	/	23.86	/	/	<=33	Pass
		Edge 1RB Right	23.92	/	/	23.97	/	/	<=33	Pass
		Outer Full	23.82	/	/	23.87	/	/	<=33	Pass
		Inner Full	24.62	/	/	24.67	/	/	<=33	Pass
		Inner 1RB Left	24.59	/	/	24.64	/	/	<=33	Pass
		Inner 1RB Right	24.80	/	/	24.85	/	/	<=33	Pass
	2565	Edge 1RB Left	24.00	/	/	24.05	/	/	<=33	Pass
		Edge 1RB Right	23.97	/	/	24.02	/	/	<=33	Pass
		Outer Full	24.00	/	/	24.05	/	/	<=33	Pass
		Inner Full	24.72	/	/	24.77	/	/	<=33	Pass
		Inner 1RB Left	24.88	/	/	24.93	/	/	<=33	Pass
		Inner 1RB Right	24.59	/	/	24.64	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge 1RB Left	22.86	/	/	22.91	/	/	<=33	Pass
		Edge 1RB Right	23.27	/	/	23.32	/	/	<=33	Pass
		Outer Full	23.08	/	/	23.13	/	/	<=33	Pass
		Inner Full	23.67	/	/	23.72	/	/	<=33	Pass
		Inner 1RB Left	23.46	/	/	23.51	/	/	<=33	Pass
		Inner 1RB Right	23.83	/	/	23.88	/	/	<=33	Pass
	2535	Edge 1RB Left	23.22	/	/	23.27	/	/	<=33	Pass
		Edge 1RB Right	23.30	/	/	23.35	/	/	<=33	Pass
		Outer Full	23.12	/	/	23.17	/	/	<=33	Pass
		Inner Full	23.67	/	/	23.72	/	/	<=33	Pass
		Inner 1RB Left	23.71	/	/	23.76	/	/	<=33	Pass
		Inner 1RB Right	23.79	/	/	23.84	/	/	<=33	Pass
	2565	Edge 1RB Left	23.28	/	/	23.33	/	/	<=33	Pass
		Edge 1RB Right	23.31	/	/	23.36	/	/	<=33	Pass
		Outer Full	23.26	/	/	23.31	/	/	<=33	Pass
		Inner Full	23.67	/	/	23.72	/	/	<=33	Pass
		Inner 1RB Left	23.85	/	/	23.90	/	/	<=33	Pass
		Inner 1RB Right	23.82	/	/	23.87	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge 1RB Left	22.33	/	/	22.38	/	/	<=33	Pass
		Edge 1RB Right	22.61	/	/	22.66	/	/	<=33	Pass

		Outer_Full	22.46	/	/	22.51	/	/	<=33	Pass
		Inner_Full	22.59	/	/	22.64	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	22.77	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.53	/	/	22.58	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	22.63	/	/	<=33	Pass
		Outer_Full	22.52	/	/	22.57	/	/	<=33	Pass
		Inner_Full	22.57	/	/	22.62	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	22.65	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.64	/	/	22.69	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	22.65	/	/	<=33	Pass
		Outer_Full	22.55	/	/	22.60	/	/	<=33	Pass
		Inner_Full	22.66	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	22.65	/	/	22.70	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	22.66	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Edge_1RB_Left	19.98	/	/	20.03	/	/	<=33	Pass
		Edge_1RB_Right	20.34	/	/	20.39	/	/	<=33	Pass
		Outer_Full	21.57	/	/	21.62	/	/	<=33	Pass
		Inner_Full	21.59	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Left	21.06	/	/	21.11	/	/	<=33	Pass
		Inner_1RB_Right	21.49	/	/	21.54	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.26	/	/	20.31	/	/	<=33	Pass
		Edge_1RB_Right	20.38	/	/	20.43	/	/	<=33	Pass
		Outer_Full	21.60	/	/	21.65	/	/	<=33	Pass
		Inner_Full	21.59	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Left	21.25	/	/	21.30	/	/	<=33	Pass
		Inner_1RB_Right	21.44	/	/	21.49	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.38	/	/	20.43	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	20.34	/	/	<=33	Pass
		Outer_Full	21.66	/	/	21.71	/	/	<=33	Pass
		Inner_Full	21.68	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Right	21.36	/	/	21.41	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge_1RB_Left	21.89	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	22.38	/	/	<=33	Pass
		Outer_Full	22.16	/	/	22.21	/	/	<=33	Pass
		Inner_Full	23.45	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	23.56	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.24	/	/	22.29	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	22.38	/	/	<=33	Pass
		Outer_Full	22.21	/	/	22.26	/	/	<=33	Pass
		Inner_Full	23.29	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Left	23.33	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	23.50	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.39	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	22.42	/	/	<=33	Pass
		Outer_Full	22.35	/	/	22.40	/	/	<=33	Pass
		Inner_Full	23.47	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	23.56	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge_1RB_Left	21.76	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	22.28	/	/	<=33	Pass
		Outer_Full	22.26	/	/	22.31	/	/	<=33	Pass
		Inner_Full	23.29	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Left	22.99	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Right	23.43	/	/	23.48	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.08	/	/	22.13	/	/	<=33	Pass

		Edge 1RB Right	22.26	/	/	22.31	/	/	<=33	Pass
		Outer_Full	22.16	/	/	22.21	/	/	<=33	Pass
		Inner_Full	23.43	/	/	23.48	/	/	<=33	Pass
		Inner_1RB Left	23.29	/	/	23.34	/	/	<=33	Pass
		Inner_1RB Right	23.41	/	/	23.46	/	/	<=33	Pass
	2565	Edge 1RB Left	22.33	/	/	22.38	/	/	<=33	Pass
		Edge 1RB Right	22.32	/	/	22.37	/	/	<=33	Pass
		Outer_Full	22.35	/	/	22.40	/	/	<=33	Pass
		Inner_Full	23.59	/	/	23.64	/	/	<=33	Pass
		Inner_1RB Left	23.50	/	/	23.55	/	/	<=33	Pass
	Inner_1RB Right	23.51	/	/	23.56	/	/	<=33	Pass	
CP-OFDM 64 QAM	2505	Edge 1RB Left	21.16	/	/	21.21	/	/	<=33	Pass
		Edge 1RB Right	21.67	/	/	21.72	/	/	<=33	Pass
		Outer_Full	21.43	/	/	21.48	/	/	<=33	Pass
		Inner_Full	21.71	/	/	21.76	/	/	<=33	Pass
		Inner_1RB Left	21.34	/	/	21.39	/	/	<=33	Pass
		Inner_1RB Right	21.73	/	/	21.78	/	/	<=33	Pass
	2535	Edge 1RB Left	21.42	/	/	21.47	/	/	<=33	Pass
		Edge 1RB Right	21.65	/	/	21.70	/	/	<=33	Pass
		Outer_Full	21.46	/	/	21.51	/	/	<=33	Pass
		Inner_Full	21.75	/	/	21.80	/	/	<=33	Pass
		Inner_1RB Left	21.64	/	/	21.69	/	/	<=33	Pass
		Inner_1RB Right	21.75	/	/	21.80	/	/	<=33	Pass
	2565	Edge 1RB Left	21.69	/	/	21.74	/	/	<=33	Pass
		Edge 1RB Right	21.70	/	/	21.75	/	/	<=33	Pass
		Outer_Full	21.58	/	/	21.63	/	/	<=33	Pass
		Inner_Full	22.14	/	/	22.19	/	/	<=33	Pass
		Inner_1RB Left	21.89	/	/	21.94	/	/	<=33	Pass
		Inner_1RB Right	21.81	/	/	21.86	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge 1RB Left	18.06	/	/	18.11	/	/	<=33	Pass
		Edge 1RB Right	18.40	/	/	18.45	/	/	<=33	Pass
		Outer_Full	19.65	/	/	19.70	/	/	<=33	Pass
		Inner_Full	19.60	/	/	19.65	/	/	<=33	Pass
		Inner_1RB Left	18.97	/	/	19.02	/	/	<=33	Pass
		Inner_1RB Right	19.32	/	/	19.37	/	/	<=33	Pass
	2535	Edge 1RB Left	18.27	/	/	18.32	/	/	<=33	Pass
		Edge 1RB Right	18.30	/	/	18.35	/	/	<=33	Pass
		Outer_Full	19.66	/	/	19.71	/	/	<=33	Pass
		Inner_Full	19.57	/	/	19.62	/	/	<=33	Pass
		Inner_1RB Left	19.26	/	/	19.31	/	/	<=33	Pass
		Inner_1RB Right	19.38	/	/	19.43	/	/	<=33	Pass
	2565	Edge 1RB Left	18.45	/	/	18.50	/	/	<=33	Pass
		Edge 1RB Right	18.37	/	/	18.42	/	/	<=33	Pass
		Outer_Full	19.82	/	/	19.87	/	/	<=33	Pass
Inner_Full		19.76	/	/	19.81	/	/	<=33	Pass	
Inner_1RB Left		19.45	/	/	19.50	/	/	<=33	Pass	
	Inner_1RB Right	19.37	/	/	19.42	/	/	<=33	Pass	
Note1: Antenna Gain: Ant41: 0.05dBi; 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
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2507.5	Edge 1RB Left	24.19	/	/	24.24	/	/	<=33	Pass
		Edge 1RB Right	24.34	/	/	24.39	/	/	<=33	Pass
		Outer_Full	24.53	/	/	24.58	/	/	<=33	Pass

		Inner_Full	24.95	/	/	25.00	/	/	<=33	Pass
		Inner_1RB_Left	24.69	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Right	24.85	/	/	24.90	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.29	/	/	24.34	/	/	<=33	Pass
		Edge_1RB_Right	24.36	/	/	24.41	/	/	<=33	Pass
		Outer_Full	24.36	/	/	24.41	/	/	<=33	Pass
		Inner_Full	24.75	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Left	24.66	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Right	24.77	/	/	24.82	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.59	/	/	24.64	/	/	<=33	Pass
		Edge_1RB_Right	24.52	/	/	24.57	/	/	<=33	Pass
		Outer_Full	24.65	/	/	24.70	/	/	<=33	Pass
		Inner_Full	25.08	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	25.05	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Right	24.97	/	/	25.02	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	24.02	/	/	24.07	/	/	<=33	Pass
		Edge_1RB_Right	24.08	/	/	24.13	/	/	<=33	Pass
		Outer_Full	24.19	/	/	24.24	/	/	<=33	Pass
		Inner_Full	24.96	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Left	24.93	/	/	24.98	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	25.14	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.05	/	/	24.10	/	/	<=33	Pass
		Edge_1RB_Right	24.09	/	/	24.14	/	/	<=33	Pass
		Outer_Full	24.01	/	/	24.06	/	/	<=33	Pass
		Inner_Full	24.76	/	/	24.81	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Right	24.95	/	/	25.00	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.35	/	/	24.40	/	/	<=33	Pass
		Edge_1RB_Right	24.24	/	/	24.29	/	/	<=33	Pass
		Outer_Full	24.29	/	/	24.34	/	/	<=33	Pass
		Inner_Full	25.04	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	25.19	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Right	25.11	/	/	25.16	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	23.55	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	23.65	/	/	23.70	/	/	<=33	Pass
		Outer_Full	23.50	/	/	23.55	/	/	<=33	Pass
		Inner_Full	24.01	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	24.12	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	24.20	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.37	/	/	23.42	/	/	<=33	Pass
		Edge_1RB_Right	23.47	/	/	23.52	/	/	<=33	Pass
		Outer_Full	23.33	/	/	23.38	/	/	<=33	Pass
		Inner_Full	23.80	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	23.95	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Right	24.01	/	/	24.06	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	23.87	/	/	23.92	/	/	<=33	Pass
		Edge_1RB_Right	23.77	/	/	23.82	/	/	<=33	Pass
		Outer_Full	23.66	/	/	23.71	/	/	<=33	Pass
		Inner_Full	24.13	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Right	24.20	/	/	24.25	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge_1RB_Left	22.68	/	/	22.73	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.92	/	/	<=33	Pass
		Outer_Full	22.76	/	/	22.81	/	/	<=33	Pass
		Inner_Full	22.80	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Left	22.71	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	22.86	/	/	22.91	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.68	/	/	22.73	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.81	/	/	<=33	Pass

		Outer_Full	22.60	/	/	22.65	/	/	<=33	Pass
		Inner_Full	22.60	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	22.79	/	/	22.84	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	23.02	/	/	23.07	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	22.98	/	/	<=33	Pass
		Outer_Full	22.90	/	/	22.95	/	/	<=33	Pass
		Inner_Full	22.96	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	22.98	/	/	23.03	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Edge_1RB_Left	20.48	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	20.77	/	/	<=33	Pass
		Outer_Full	21.95	/	/	22.00	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Right	21.65	/	/	21.70	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.41	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	20.61	/	/	20.66	/	/	<=33	Pass
		Outer_Full	21.75	/	/	21.80	/	/	<=33	Pass
		Inner_Full	21.77	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Right	21.59	/	/	21.64	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.91	/	/	20.96	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	20.73	/	/	<=33	Pass
		Outer_Full	22.11	/	/	22.16	/	/	<=33	Pass
		Inner_Full	22.01	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Left	21.84	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	21.74	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge_1RB_Left	22.35	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	22.55	/	/	<=33	Pass
		Outer_Full	22.53	/	/	22.58	/	/	<=33	Pass
		Inner_Full	23.72	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Left	23.57	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	23.73	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.38	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	22.56	/	/	<=33	Pass
		Outer_Full	22.34	/	/	22.39	/	/	<=33	Pass
		Inner_Full	23.51	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	23.73	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.78	/	/	22.83	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.74	/	/	<=33	Pass
		Outer_Full	22.68	/	/	22.73	/	/	<=33	Pass
		Inner_Full	23.86	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	23.87	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	23.74	/	/	23.79	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	22.29	/	/	22.34	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	22.55	/	/	<=33	Pass
		Outer_Full	22.44	/	/	22.49	/	/	<=33	Pass
		Inner_Full	23.60	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	23.83	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.28	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	22.38	/	/	22.43	/	/	<=33	Pass
		Outer_Full	22.22	/	/	22.27	/	/	<=33	Pass
		Inner_Full	23.41	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Left	23.43	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	23.63	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.71	/	/	22.76	/	/	<=33	Pass

		Edge 1RB Right	22.59	/	/	22.64	/	/	<=33	Pass
		Outer_Full	22.55	/	/	22.60	/	/	<=33	Pass
		Inner_Full	23.78	/	/	23.83	/	/	<=33	Pass
		Inner 1RB Left	23.88	/	/	23.93	/	/	<=33	Pass
		Inner 1RB Right	23.79	/	/	23.84	/	/	<=33	Pass
CP-OFDM 64 QAM	2507.5	Edge 1RB Left	21.59	/	/	21.64	/	/	<=33	Pass
		Edge 1RB Right	22.00	/	/	22.05	/	/	<=33	Pass
		Outer_Full	21.78	/	/	21.83	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.98	/	/	<=33	Pass
		Inner 1RB Left	21.76	/	/	21.81	/	/	<=33	Pass
		Inner 1RB Right	21.94	/	/	21.99	/	/	<=33	Pass
	2535	Edge 1RB Left	21.65	/	/	21.70	/	/	<=33	Pass
		Edge 1RB Right	21.80	/	/	21.85	/	/	<=33	Pass
		Outer_Full	21.56	/	/	21.61	/	/	<=33	Pass
		Inner_Full	21.82	/	/	21.87	/	/	<=33	Pass
		Inner 1RB Left	21.74	/	/	21.79	/	/	<=33	Pass
		Inner 1RB Right	22.01	/	/	22.06	/	/	<=33	Pass
	2562.5	Edge 1RB Left	22.01	/	/	22.06	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	21.97	/	/	<=33	Pass
		Outer_Full	21.93	/	/	21.98	/	/	<=33	Pass
		Inner_Full	22.18	/	/	22.23	/	/	<=33	Pass
		Inner 1RB Left	22.31	/	/	22.36	/	/	<=33	Pass
		Inner 1RB Right	22.20	/	/	22.25	/	/	<=33	Pass
CP-OFDM 256 QAM	2507.5	Edge 1RB Left	18.51	/	/	18.56	/	/	<=33	Pass
		Edge 1RB Right	18.57	/	/	18.62	/	/	<=33	Pass
		Outer_Full	19.95	/	/	20.00	/	/	<=33	Pass
		Inner_Full	19.92	/	/	19.97	/	/	<=33	Pass
		Inner 1RB Left	19.51	/	/	19.56	/	/	<=33	Pass
		Inner 1RB Right	19.65	/	/	19.70	/	/	<=33	Pass
	2535	Edge 1RB Left	18.50	/	/	18.55	/	/	<=33	Pass
		Edge 1RB Right	18.56	/	/	18.61	/	/	<=33	Pass
		Outer_Full	19.86	/	/	19.91	/	/	<=33	Pass
		Inner_Full	19.78	/	/	19.83	/	/	<=33	Pass
		Inner 1RB Left	19.39	/	/	19.44	/	/	<=33	Pass
		Inner 1RB Right	19.50	/	/	19.55	/	/	<=33	Pass
	2562.5	Edge 1RB Left	18.88	/	/	18.93	/	/	<=33	Pass
		Edge 1RB Right	18.70	/	/	18.75	/	/	<=33	Pass
		Outer_Full	20.14	/	/	20.19	/	/	<=33	Pass
		Inner_Full	20.07	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Left	19.91	/	/	19.96	/	/	<=33	Pass
		Inner 1RB Right	19.73	/	/	19.78	/	/	<=33	Pass
Note1: Antenna Gain: Ant41: 0.05dBi; 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
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2510	Edge 1RB Left	24.03	/	/	24.08	/	/	<=33	Pass
		Edge 1RB Right	24.38	/	/	24.43	/	/	<=33	Pass
		Outer_Full	24.39	/	/	24.44	/	/	<=33	Pass
		Inner_Full	24.99	/	/	25.04	/	/	<=33	Pass
		Inner 1RB Left	24.53	/	/	24.58	/	/	<=33	Pass
		Inner 1RB Right	24.91	/	/	24.96	/	/	<=33	Pass
	2535	Edge 1RB Left	24.14	/	/	24.19	/	/	<=33	Pass
		Edge 1RB Right	24.33	/	/	24.38	/	/	<=33	Pass
		Outer_Full	24.25	/	/	24.30	/	/	<=33	Pass

		Inner_Full	24.77	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	24.88	/	/	<=33	Pass
	2560	Edge_1RB_Left	24.54	/	/	24.59	/	/	<=33	Pass
		Edge_1RB_Right	24.35	/	/	24.40	/	/	<=33	Pass
		Outer_Full	24.65	/	/	24.70	/	/	<=33	Pass
		Inner_Full	25.05	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	24.99	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	24.88	/	/	24.93	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	23.87	/	/	23.92	/	/	<=33	Pass
		Edge_1RB_Right	24.22	/	/	24.27	/	/	<=33	Pass
		Outer_Full	24.19	/	/	24.24	/	/	<=33	Pass
		Inner_Full	25.01	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	24.75	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Right	25.06	/	/	25.11	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.05	/	/	24.10	/	/	<=33	Pass
		Edge_1RB_Right	24.11	/	/	24.16	/	/	<=33	Pass
		Outer_Full	24.04	/	/	24.09	/	/	<=33	Pass
		Inner_Full	24.80	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Right	24.99	/	/	25.04	/	/	<=33	Pass
	2560	Edge_1RB_Left	24.23	/	/	24.28	/	/	<=33	Pass
		Edge_1RB_Right	24.19	/	/	24.24	/	/	<=33	Pass
		Outer_Full	24.22	/	/	24.27	/	/	<=33	Pass
		Inner_Full	25.10	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	25.07	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	23.30	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	23.57	/	/	<=33	Pass
		Outer_Full	23.47	/	/	23.52	/	/	<=33	Pass
		Inner_Full	24.01	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	24.10	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.46	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	23.54	/	/	23.59	/	/	<=33	Pass
		Outer_Full	23.39	/	/	23.44	/	/	<=33	Pass
		Inner_Full	23.83	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	23.88	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	23.98	/	/	24.03	/	/	<=33	Pass
	2560	Edge_1RB_Left	23.66	/	/	23.71	/	/	<=33	Pass
		Edge_1RB_Right	23.68	/	/	23.73	/	/	<=33	Pass
		Outer_Full	23.64	/	/	23.69	/	/	<=33	Pass
		Inner_Full	24.11	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	24.16	/	/	24.21	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge_1RB_Left	22.58	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.92	/	/	<=33	Pass
		Outer_Full	22.77	/	/	22.82	/	/	<=33	Pass
		Inner_Full	22.89	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Right	22.87	/	/	22.92	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.74	/	/	22.79	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.87	/	/	<=33	Pass
		Outer_Full	22.62	/	/	22.67	/	/	<=33	Pass
		Inner_Full	22.64	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	22.79	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.93	/	/	22.98	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.95	/	/	<=33	Pass

		Outer_Full	22.83	/	/	22.88	/	/	<=33	Pass
		Inner_Full	22.95	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	22.97	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge_1RB_Left	20.28	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	20.58	/	/	<=33	Pass
		Outer_Full	21.90	/	/	21.95	/	/	<=33	Pass
		Inner_Full	21.94	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Left	21.38	/	/	21.43	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Left	20.39	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	20.57	/	/	20.62	/	/	<=33	Pass
	2535	Outer_Full	21.79	/	/	21.84	/	/	<=33	Pass
		Inner_Full	21.73	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Right	21.60	/	/	21.65	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.73	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	20.75	/	/	<=33	Pass
		Outer_Full	22.08	/	/	22.13	/	/	<=33	Pass
		Inner_Full	22.02	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	21.81	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Right	22.01	/	/	22.06	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge_1RB_Left	22.16	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	22.55	/	/	<=33	Pass
		Outer_Full	22.49	/	/	22.54	/	/	<=33	Pass
		Inner_Full	23.73	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	23.71	/	/	23.76	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.39	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	22.74	/	/	<=33	Pass
		Outer_Full	22.37	/	/	22.42	/	/	<=33	Pass
		Inner_Full	23.51	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Right	23.62	/	/	23.67	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.70	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.58	/	/	<=33	Pass
		Outer_Full	22.61	/	/	22.66	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	23.76	/	/	23.81	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Edge_1RB_Left	22.18	/	/	22.23	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	22.57	/	/	<=33	Pass
		Outer_Full	22.55	/	/	22.60	/	/	<=33	Pass
		Inner_Full	23.84	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Right	23.71	/	/	23.76	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.28	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	22.48	/	/	<=33	Pass
		Outer_Full	22.28	/	/	22.33	/	/	<=33	Pass
		Inner_Full	23.58	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	23.62	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.59	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	22.58	/	/	<=33	Pass
		Outer_Full	22.54	/	/	22.59	/	/	<=33	Pass
		Inner_Full	23.82	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	23.70	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge_1RB_Left	21.47	/	/	21.52	/	/	<=33	Pass

		Edge 1RB Right	21.90	/	/	21.95	/	/	<=33	Pass
		Outer_Full	21.72	/	/	21.77	/	/	<=33	Pass
		Inner_Full	22.03	/	/	22.08	/	/	<=33	Pass
		Inner 1RB Left	21.73	/	/	21.78	/	/	<=33	Pass
		Inner 1RB Right	22.06	/	/	22.11	/	/	<=33	Pass
	2535	Edge 1RB Left	21.66	/	/	21.71	/	/	<=33	Pass
		Edge 1RB Right	21.82	/	/	21.87	/	/	<=33	Pass
		Outer_Full	21.68	/	/	21.73	/	/	<=33	Pass
		Inner_Full	21.84	/	/	21.89	/	/	<=33	Pass
		Inner 1RB Left	21.81	/	/	21.86	/	/	<=33	Pass
	2560	Inner 1RB Right	22.01	/	/	22.06	/	/	<=33	Pass
		Edge 1RB Left	22.01	/	/	22.06	/	/	<=33	Pass
		Edge 1RB Right	21.85	/	/	21.90	/	/	<=33	Pass
		Outer_Full	21.88	/	/	21.93	/	/	<=33	Pass
		Inner_Full	22.13	/	/	22.18	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Inner 1RB Left	22.18	/	/	22.23	/	/	<=33	Pass
		Inner 1RB Right	22.12	/	/	22.17	/	/	<=33	Pass
		Edge 1RB Left	18.32	/	/	18.37	/	/	<=33	Pass
		Edge 1RB Right	18.71	/	/	18.76	/	/	<=33	Pass
		Outer_Full	20.02	/	/	20.07	/	/	<=33	Pass
		Inner_Full	19.95	/	/	20.00	/	/	<=33	Pass
	2535	Inner 1RB Left	19.30	/	/	19.35	/	/	<=33	Pass
		Inner 1RB Right	19.58	/	/	19.63	/	/	<=33	Pass
		Edge 1RB Left	18.43	/	/	18.48	/	/	<=33	Pass
		Edge 1RB Right	18.57	/	/	18.62	/	/	<=33	Pass
		Outer_Full	19.80	/	/	19.85	/	/	<=33	Pass
		Inner_Full	19.74	/	/	19.79	/	/	<=33	Pass
	2560	Inner 1RB Left	19.41	/	/	19.46	/	/	<=33	Pass
		Inner 1RB Right	19.55	/	/	19.60	/	/	<=33	Pass
		Edge 1RB Left	18.80	/	/	18.85	/	/	<=33	Pass
Edge 1RB Right		18.75	/	/	18.80	/	/	<=33	Pass	
Outer_Full		20.11	/	/	20.16	/	/	<=33	Pass	
	Inner_Full	20.06	/	/	20.11	/	/	<=33	Pass	
	Inner 1RB Left	19.76	/	/	19.81	/	/	<=33	Pass	
		Inner 1RB Right	19.62	/	/	19.67	/	/	<=33	Pass
Note1: Antenna Gain: Ant41: 0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge 1RB Left	24.32	/	/	24.37	/	/	<=33	Pass
		Edge 1RB Right	24.43	/	/	24.48	/	/	<=33	Pass
		Outer_Full	24.44	/	/	24.49	/	/	<=33	Pass
		Inner_Full	24.99	/	/	25.04	/	/	<=33	Pass
		Inner 1RB Left	24.81	/	/	24.86	/	/	<=33	Pass
		Inner 1RB Right	24.96	/	/	25.01	/	/	<=33	Pass
	2535	Edge 1RB Left	24.21	/	/	24.26	/	/	<=33	Pass
		Edge 1RB Right	24.33	/	/	24.38	/	/	<=33	Pass
		Outer_Full	24.25	/	/	24.30	/	/	<=33	Pass
		Inner_Full	24.74	/	/	24.79	/	/	<=33	Pass
		Inner 1RB Left	24.71	/	/	24.76	/	/	<=33	Pass
	2557.5	Inner 1RB Right	24.90	/	/	24.95	/	/	<=33	Pass
		Edge 1RB Left	24.41	/	/	24.46	/	/	<=33	Pass
		Edge 1RB Right	24.37	/	/	24.42	/	/	<=33	Pass
		Outer_Full	24.46	/	/	24.51	/	/	<=33	Pass

		Inner_Full	24.98	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	24.91	/	/	24.96	/	/	<=33	Pass
		Inner_1RB_Right	24.91	/	/	24.96	/	/	<=33	Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	24.26	/	/	24.31	/	/	<=33	Pass
		Edge_1RB_Right	24.19	/	/	24.24	/	/	<=33	Pass
		Outer_Full	24.20	/	/	24.25	/	/	<=33	Pass
		Inner_Full	25.08	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	25.15	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Right	25.08	/	/	25.13	/	/	<=33	Pass
		Edge_1RB_Left	24.05	/	/	24.10	/	/	<=33	Pass
	2535	Edge_1RB_Right	24.17	/	/	24.22	/	/	<=33	Pass
		Outer_Full	24.00	/	/	24.05	/	/	<=33	Pass
		Inner_Full	24.82	/	/	24.87	/	/	<=33	Pass
		Inner_1RB_Left	24.94	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Right	25.34	/	/	25.39	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	24.25	/	/	24.30	/	/	<=33	Pass
		Edge_1RB_Right	24.21	/	/	24.26	/	/	<=33	Pass
		Outer_Full	24.21	/	/	24.26	/	/	<=33	Pass
		Inner_Full	25.05	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	25.38	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	25.17	/	/	<=33	Pass
		Edge_1RB_Left	23.47	/	/	23.52	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge_1RB_Right	23.53	/	/	23.58	/	/	<=33	Pass
		Outer_Full	23.41	/	/	23.46	/	/	<=33	Pass
		Inner_Full	24.01	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	24.20	/	/	<=33	Pass
		Edge_1RB_Left	23.48	/	/	23.53	/	/	<=33	Pass
	2535	Edge_1RB_Right	23.60	/	/	23.65	/	/	<=33	Pass
		Outer_Full	23.28	/	/	23.33	/	/	<=33	Pass
		Inner_Full	23.85	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Left	23.91	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	24.17	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	23.57	/	/	23.62	/	/	<=33	Pass
		Edge_1RB_Right	23.63	/	/	23.68	/	/	<=33	Pass
		Outer_Full	23.50	/	/	23.55	/	/	<=33	Pass
		Inner_Full	24.06	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Right	24.17	/	/	24.22	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Edge_1RB_Left	22.87	/	/	22.92	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.89	/	/	<=33	Pass
		Outer_Full	22.81	/	/	22.86	/	/	<=33	Pass
		Inner_Full	22.68	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Left	22.92	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Right	22.84	/	/	22.89	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.76	/	/	22.81	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	22.73	/	/	<=33	Pass
		Outer_Full	22.67	/	/	22.72	/	/	<=33	Pass
		Inner_Full	22.61	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	22.82	/	/	<=33	Pass
		Inner_1RB_Right	22.67	/	/	22.72	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	22.90	/	/	22.95	/	/	<=33	Pass
		Edge_1RB_Right	22.92	/	/	22.97	/	/	<=33	Pass
		Outer_Full	22.87	/	/	22.92	/	/	<=33	Pass
		Inner_Full	22.89	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	22.97	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	22.96	/	/	23.01	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Edge_1RB_Left	20.81	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	20.68	/	/	20.73	/	/	<=33	Pass

		Outer_Full	21.92	/	/	21.97	/	/	<=33	Pass
		Inner_Full	21.98	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	21.69	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.61	/	/	20.66	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	20.77	/	/	<=33	Pass
		Outer_Full	21.80	/	/	21.85	/	/	<=33	Pass
		Inner_Full	21.75	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	21.72	/	/	21.77	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	20.80	/	/	20.85	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	20.82	/	/	<=33	Pass
		Outer_Full	21.97	/	/	22.02	/	/	<=33	Pass
		Inner_Full	21.89	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	21.74	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge_1RB_Left	22.35	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	22.56	/	/	<=33	Pass
		Outer_Full	22.57	/	/	22.62	/	/	<=33	Pass
		Inner_Full	23.98	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	23.68	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.35	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	22.61	/	/	<=33	Pass
		Outer_Full	22.36	/	/	22.41	/	/	<=33	Pass
		Inner_Full	23.51	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	23.73	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	22.43	/	/	22.48	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	22.46	/	/	<=33	Pass
		Outer_Full	22.50	/	/	22.55	/	/	<=33	Pass
		Inner_Full	23.70	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	23.69	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	22.64	/	/	22.69	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	22.62	/	/	<=33	Pass
		Outer_Full	22.52	/	/	22.57	/	/	<=33	Pass
		Inner_Full	23.71	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	23.62	/	/	23.67	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.23	/	/	22.28	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	22.49	/	/	<=33	Pass
		Outer_Full	22.34	/	/	22.39	/	/	<=33	Pass
		Inner_Full	23.53	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	23.60	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	23.75	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	22.60	/	/	22.65	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.75	/	/	<=33	Pass
		Outer_Full	22.58	/	/	22.63	/	/	<=33	Pass
		Inner_Full	23.72	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Left	23.74	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	23.70	/	/	<=33	Pass
CP-OFDM 64 QAM	2512.5	Edge_1RB_Left	21.71	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	21.71	/	/	<=33	Pass
		Outer_Full	21.83	/	/	21.88	/	/	<=33	Pass
		Inner_Full	22.00	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	21.97	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Right	21.95	/	/	22.00	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.68	/	/	21.73	/	/	<=33	Pass

		Edge_1RB_Right	21.89	/	/	21.94	/	/	<=33	Pass
		Outer_Full	21.60	/	/	21.65	/	/	<=33	Pass
		Inner_Full	21.77	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Left	21.90	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	22.06	/	/	22.11	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	21.80	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	21.89	/	/	<=33	Pass
		Outer_Full	21.84	/	/	21.89	/	/	<=33	Pass
		Inner_Full	22.02	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	21.97	/	/	22.02	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Inner_1RB_Right	22.04	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Left	18.66	/	/	18.71	/	/	<=33	Pass
		Edge_1RB_Right	18.65	/	/	18.70	/	/	<=33	Pass
		Outer_Full	20.03	/	/	20.08	/	/	<=33	Pass
		Inner_Full	20.00	/	/	20.05	/	/	<=33	Pass
		Inner_1RB_Left	19.70	/	/	19.75	/	/	<=33	Pass
	2535	Inner_1RB_Right	19.64	/	/	19.69	/	/	<=33	Pass
		Edge_1RB_Left	18.56	/	/	18.61	/	/	<=33	Pass
		Edge_1RB_Right	18.64	/	/	18.69	/	/	<=33	Pass
		Outer_Full	19.78	/	/	19.83	/	/	<=33	Pass
		Inner_Full	19.79	/	/	19.84	/	/	<=33	Pass
		Inner_1RB_Left	19.55	/	/	19.60	/	/	<=33	Pass
	2557.5	Inner_1RB_Right	19.66	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Left	18.80	/	/	18.85	/	/	<=33	Pass
		Edge_1RB_Right	18.67	/	/	18.72	/	/	<=33	Pass
		Outer_Full	19.90	/	/	19.95	/	/	<=33	Pass
		Inner_Full	20.10	/	/	20.15	/	/	<=33	Pass
		Inner_1RB_Left	19.80	/	/	19.85	/	/	<=33	Pass
	Inner_1RB_Right	19.80	/	/	19.85	/	/	<=33	Pass	
Note1: Antenna Gain: Ant41: 0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2515	Edge 1RB Left	23.97	/	/	24.02	/	/	<=33	Pass
		Edge 1RB Right	24.26	/	/	24.31	/	/	<=33	Pass
		Outer_Full	24.34	/	/	24.39	/	/	<=33	Pass
		Inner_Full	24.87	/	/	24.92	/	/	<=33	Pass
		Inner 1RB Left	24.50	/	/	24.55	/	/	<=33	Pass
		Inner 1RB Right	24.79	/	/	24.84	/	/	<=33	Pass
	2535	Edge 1RB Left	24.29	/	/	24.34	/	/	<=33	Pass
		Edge 1RB Right	24.39	/	/	24.44	/	/	<=33	Pass
		Outer_Full	24.27	/	/	24.32	/	/	<=33	Pass
		Inner_Full	24.75	/	/	24.80	/	/	<=33	Pass
		Inner 1RB Left	24.70	/	/	24.75	/	/	<=33	Pass
		Inner 1RB Right	24.93	/	/	24.98	/	/	<=33	Pass
	2555	Edge 1RB Left	24.31	/	/	24.36	/	/	<=33	Pass
		Edge 1RB Right	24.36	/	/	24.41	/	/	<=33	Pass
		Outer_Full	24.41	/	/	24.46	/	/	<=33	Pass
		Inner_Full	24.93	/	/	24.98	/	/	<=33	Pass
		Inner 1RB Left	24.87	/	/	24.92	/	/	<=33	Pass
		Inner 1RB Right	24.89	/	/	24.94	/	/	<=33	Pass
DFT-s-OFDM QPSK	2515	Edge 1RB Left	23.86	/	/	23.91	/	/	<=33	Pass
		Edge 1RB Right	24.16	/	/	24.21	/	/	<=33	Pass
		Outer_Full	24.00	/	/	24.05	/	/	<=33	Pass

		Inner_Full	24.83	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Left	24.58	/	/	24.63	/	/	<=33	Pass
		Inner_1RB_Right	25.01	/	/	25.06	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.22	/	/	24.27	/	/	<=33	Pass
		Edge_1RB_Right	24.46	/	/	24.51	/	/	<=33	Pass
		Outer_Full	24.01	/	/	24.06	/	/	<=33	Pass
		Inner_Full	24.84	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Left	24.84	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Right	25.29	/	/	25.34	/	/	<=33	Pass
		Edge_1RB_Left	24.09	/	/	24.14	/	/	<=33	Pass
	2555	Edge_1RB_Right	24.32	/	/	24.37	/	/	<=33	Pass
		Outer_Full	24.21	/	/	24.26	/	/	<=33	Pass
		Inner_Full	24.90	/	/	24.95	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	25.14	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge_1RB_Left	23.17	/	/	23.22	/	/	<=33	Pass
		Edge_1RB_Right	23.54	/	/	23.59	/	/	<=33	Pass
		Outer_Full	23.36	/	/	23.41	/	/	<=33	Pass
		Inner_Full	23.82	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Left	23.62	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	24.10	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.42	/	/	23.47	/	/	<=33	Pass
		Edge_1RB_Right	23.58	/	/	23.63	/	/	<=33	Pass
		Outer_Full	23.40	/	/	23.45	/	/	<=33	Pass
		Inner_Full	23.86	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Right	24.09	/	/	24.14	/	/	<=33	Pass
	2555	Edge_1RB_Left	23.44	/	/	23.49	/	/	<=33	Pass
		Edge_1RB_Right	23.64	/	/	23.69	/	/	<=33	Pass
		Outer_Full	23.44	/	/	23.49	/	/	<=33	Pass
		Inner_Full	23.89	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	23.94	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Right	24.06	/	/	24.11	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Left	22.34	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	22.86	/	/	<=33	Pass
		Outer_Full	22.59	/	/	22.64	/	/	<=33	Pass
		Inner_Full	22.56	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Left	22.39	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	22.79	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.68	/	/	22.73	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.90	/	/	<=33	Pass
		Outer_Full	22.61	/	/	22.66	/	/	<=33	Pass
		Inner_Full	22.62	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	22.90	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.75	/	/	22.80	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.81	/	/	<=33	Pass
		Outer_Full	22.70	/	/	22.75	/	/	<=33	Pass
		Inner_Full	22.68	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	22.83	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Edge_1RB_Left	20.15	/	/	20.20	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	20.59	/	/	<=33	Pass
		Outer_Full	21.83	/	/	21.88	/	/	<=33	Pass
		Inner_Full	21.76	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Left	21.24	/	/	21.29	/	/	<=33	Pass
		Inner_1RB_Right	21.65	/	/	21.70	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.51	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	20.79	/	/	<=33	Pass

		Outer_Full	21.80	/	/	21.85	/	/	<=33	Pass
		Inner_Full	21.76	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	21.78	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.46	/	/	20.51	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	20.78	/	/	<=33	Pass
		Outer_Full	21.94	/	/	21.99	/	/	<=33	Pass
		Inner_Full	21.87	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	21.77	/	/	21.82	/	/	<=33	Pass
CP-OFDM QPSK	2515	Edge_1RB_Left	21.98	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	22.55	/	/	<=33	Pass
		Outer_Full	22.36	/	/	22.41	/	/	<=33	Pass
		Inner_Full	23.58	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	23.22	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	23.50	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.39	/	/	22.44	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	22.66	/	/	<=33	Pass
		Outer_Full	22.34	/	/	22.39	/	/	<=33	Pass
		Inner_Full	23.47	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	23.47	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	23.68	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.40	/	/	22.45	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	22.53	/	/	<=33	Pass
		Outer_Full	22.50	/	/	22.55	/	/	<=33	Pass
		Inner_Full	23.69	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Right	23.62	/	/	23.67	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Edge_1RB_Left	22.14	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	22.54	/	/	<=33	Pass
		Outer_Full	22.29	/	/	22.34	/	/	<=33	Pass
		Inner_Full	23.42	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	23.21	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	23.59	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.24	/	/	22.29	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	22.45	/	/	<=33	Pass
		Outer_Full	22.32	/	/	22.37	/	/	<=33	Pass
		Inner_Full	23.46	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	23.82	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	23.80	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.41	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	22.57	/	/	<=33	Pass
		Outer_Full	22.74	/	/	22.79	/	/	<=33	Pass
		Inner_Full	23.61	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Right	23.74	/	/	23.79	/	/	<=33	Pass
CP-OFDM 64 QAM	2515	Edge_1RB_Left	21.33	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	21.66	/	/	<=33	Pass
		Outer_Full	21.59	/	/	21.64	/	/	<=33	Pass
		Inner_Full	21.83	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	21.94	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.75	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	21.99	/	/	<=33	Pass
		Outer_Full	21.67	/	/	21.72	/	/	<=33	Pass
		Inner_Full	21.83	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Left	21.93	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Right	22.10	/	/	22.15	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.60	/	/	21.65	/	/	<=33	Pass

CP-OFDM 256 QAM		Edge 1RB Right	21.83	/	/	21.88	/	/	<=33	Pass
		Outer Full	21.81	/	/	21.86	/	/	<=33	Pass
		Inner Full	21.98	/	/	22.03	/	/	<=33	Pass
		Inner 1RB Left	21.89	/	/	21.94	/	/	<=33	Pass
		Inner 1RB Right	22.05	/	/	22.10	/	/	<=33	Pass
	2515	Edge 1RB Left	18.30	/	/	18.35	/	/	<=33	Pass
		Edge 1RB Right	18.60	/	/	18.65	/	/	<=33	Pass
		Outer Full	19.81	/	/	19.86	/	/	<=33	Pass
		Inner Full	19.77	/	/	19.82	/	/	<=33	Pass
		Inner 1RB Left	19.33	/	/	19.38	/	/	<=33	Pass
	2535	Inner 1RB Right	19.59	/	/	19.64	/	/	<=33	Pass
		Edge 1RB Left	18.49	/	/	18.54	/	/	<=33	Pass
		Edge 1RB Right	18.75	/	/	18.80	/	/	<=33	Pass
		Outer Full	19.82	/	/	19.87	/	/	<=33	Pass
		Inner Full	19.80	/	/	19.85	/	/	<=33	Pass
	2555	Inner 1RB Left	19.51	/	/	19.56	/	/	<=33	Pass
		Inner 1RB Right	19.72	/	/	19.77	/	/	<=33	Pass
		Edge 1RB Left	18.54	/	/	18.59	/	/	<=33	Pass
		Edge 1RB Right	18.78	/	/	18.83	/	/	<=33	Pass
		Outer Full	20.02	/	/	20.07	/	/	<=33	Pass
	Inner Full	19.97	/	/	20.02	/	/	<=33	Pass	
	Inner 1RB Left	19.45	/	/	19.50	/	/	<=33	Pass	
	Inner 1RB Right	19.71	/	/	19.76	/	/	<=33	Pass	
Note1: Antenna Gain: Ant41: 0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_40MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant41	Ant2	Sum	Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2520	Edge 1RB Left	23.96	/	/	24.01	/	/	<=33	Pass
		Edge 1RB Right	24.41	/	/	24.46	/	/	<=33	Pass
		Outer_Full	24.42	/	/	24.47	/	/	<=33	Pass
		Inner_Full	24.93	/	/	24.98	/	/	<=33	Pass
		Inner 1RB Left	24.53	/	/	24.58	/	/	<=33	Pass
		Inner 1RB Right	24.88	/	/	24.93	/	/	<=33	Pass
	2535	Edge 1RB Left	24.33	/	/	24.38	/	/	<=33	Pass
		Edge 1RB Right	24.47	/	/	24.52	/	/	<=33	Pass
		Outer_Full	24.37	/	/	24.42	/	/	<=33	Pass
		Inner_Full	24.83	/	/	24.88	/	/	<=33	Pass
		Inner 1RB Left	24.76	/	/	24.81	/	/	<=33	Pass
		Inner 1RB Right	24.94	/	/	24.99	/	/	<=33	Pass
	2550	Edge 1RB Left	24.39	/	/	24.44	/	/	<=33	Pass
		Edge 1RB Right	24.48	/	/	24.53	/	/	<=33	Pass
		Outer_Full	24.55	/	/	24.60	/	/	<=33	Pass
		Inner_Full	25.10	/	/	25.15	/	/	<=33	Pass
		Inner 1RB Left	24.93	/	/	24.98	/	/	<=33	Pass
		Inner 1RB Right	25.02	/	/	25.07	/	/	<=33	Pass
DFT-s-OFDM QPSK	2520	Edge 1RB Left	23.82	/	/	23.87	/	/	<=33	Pass
		Edge 1RB Right	24.15	/	/	24.20	/	/	<=33	Pass
		Outer_Full	24.07	/	/	24.12	/	/	<=33	Pass
		Inner_Full	24.92	/	/	24.97	/	/	<=33	Pass
		Inner 1RB Left	24.80	/	/	24.85	/	/	<=33	Pass
		Inner 1RB Right	25.07	/	/	25.12	/	/	<=33	Pass
	2535	Edge 1RB Left	24.20	/	/	24.25	/	/	<=33	Pass
		Edge 1RB Right	24.24	/	/	24.29	/	/	<=33	Pass
		Outer_Full	24.14	/	/	24.19	/	/	<=33	Pass

		Inner_Full	24.87	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Left	25.21	/	/	25.26	/	/	<=33	Pass
		Inner_1RB_Right	25.18	/	/	25.23	/	/	<=33	Pass
	2550	Edge_1RB_Left	24.23	/	/	24.28	/	/	<=33	Pass
		Edge_1RB_Right	24.33	/	/	24.38	/	/	<=33	Pass
		Outer_Full	24.28	/	/	24.33	/	/	<=33	Pass
		Inner_Full	25.06	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Right	25.14	/	/	25.19	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	23.30	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	23.69	/	/	23.74	/	/	<=33	Pass
		Outer_Full	23.44	/	/	23.49	/	/	<=33	Pass
		Inner_Full	23.96	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Left	23.84	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	24.18	/	/	24.23	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.63	/	/	23.68	/	/	<=33	Pass
		Edge_1RB_Right	23.58	/	/	23.63	/	/	<=33	Pass
		Outer_Full	23.47	/	/	23.52	/	/	<=33	Pass
		Inner_Full	23.93	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	24.11	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	24.22	/	/	24.27	/	/	<=33	Pass
	2550	Edge_1RB_Left	23.55	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	23.75	/	/	23.80	/	/	<=33	Pass
		Outer_Full	23.62	/	/	23.67	/	/	<=33	Pass
		Inner_Full	24.13	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Right	24.27	/	/	24.32	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Left	22.51	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.95	/	/	<=33	Pass
		Outer_Full	22.79	/	/	22.84	/	/	<=33	Pass
		Inner_Full	22.70	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Left	22.50	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	22.97	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.71	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.93	/	/	<=33	Pass
		Outer_Full	22.71	/	/	22.76	/	/	<=33	Pass
		Inner_Full	22.66	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	22.98	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.90	/	/	22.95	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	23.14	/	/	<=33	Pass
		Outer_Full	22.85	/	/	22.90	/	/	<=33	Pass
		Inner_Full	22.92	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Right	23.09	/	/	23.14	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge_1RB_Left	20.33	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	20.79	/	/	<=33	Pass
		Outer_Full	21.88	/	/	21.93	/	/	<=33	Pass
		Inner_Full	21.84	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Left	21.33	/	/	21.38	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	21.83	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.63	/	/	20.68	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	20.87	/	/	<=33	Pass
		Outer_Full	21.87	/	/	21.92	/	/	<=33	Pass
		Inner_Full	21.81	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	21.86	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.70	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	20.88	/	/	20.93	/	/	<=33	Pass

		Outer_Full	22.11	/	/	22.16	/	/	<=33	Pass
		Inner_Full	22.33	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Left	21.77	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Right	21.91	/	/	21.96	/	/	<=33	Pass
CP-OFDM QPSK	2520	Edge_1RB_Left	22.12	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	22.45	/	/	<=33	Pass
		Outer_Full	22.44	/	/	22.49	/	/	<=33	Pass
		Inner_Full	23.60	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Right	23.69	/	/	23.74	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.49	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	22.62	/	/	<=33	Pass
		Outer_Full	22.38	/	/	22.43	/	/	<=33	Pass
		Inner_Full	23.52	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	23.57	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Right	23.73	/	/	23.78	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.63	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	23.07	/	/	<=33	Pass
		Outer_Full	22.58	/	/	22.63	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	23.94	/	/	23.99	/	/	<=33	Pass
CP-OFDM 16 QAM	2520	Edge_1RB_Left	21.93	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	22.38	/	/	22.43	/	/	<=33	Pass
		Outer_Full	22.44	/	/	22.49	/	/	<=33	Pass
		Inner_Full	23.69	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	23.13	/	/	23.18	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	23.62	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.32	/	/	22.37	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	22.51	/	/	<=33	Pass
		Outer_Full	22.32	/	/	22.37	/	/	<=33	Pass
		Inner_Full	23.56	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	23.74	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	23.75	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.50	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	22.98	/	/	<=33	Pass
		Outer_Full	22.63	/	/	22.68	/	/	<=33	Pass
		Inner_Full	24.11	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Left	23.66	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	24.00	/	/	<=33	Pass
CP-OFDM 64 QAM	2520	Edge_1RB_Left	21.43	/	/	21.48	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	21.93	/	/	<=33	Pass
		Outer_Full	21.74	/	/	21.79	/	/	<=33	Pass
		Inner_Full	21.95	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Right	22.12	/	/	22.17	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.84	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	21.98	/	/	<=33	Pass
		Outer_Full	21.69	/	/	21.74	/	/	<=33	Pass
		Inner_Full	21.91	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	22.03	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	22.24	/	/	<=33	Pass
	2550	Edge_1RB_Left	21.75	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	22.09	/	/	<=33	Pass
		Outer_Full	22.09	/	/	22.14	/	/	<=33	Pass
		Inner_Full	22.15	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Right	22.28	/	/	22.33	/	/	<=33	Pass
CP-OFDM 256 QAM	2520	Edge_1RB_Left	18.34	/	/	18.39	/	/	<=33	Pass

		Edge 1RB Right	18.79	/	/	18.84	/	/	<=33	Pass
		Outer_Full	19.99	/	/	20.04	/	/	<=33	Pass
		Inner_Full	19.96	/	/	20.01	/	/	<=33	Pass
		Inner_1RB Left	19.27	/	/	19.32	/	/	<=33	Pass
		Inner_1RB Right	19.81	/	/	19.86	/	/	<=33	Pass
	2535	Edge 1RB Left	18.59	/	/	18.64	/	/	<=33	Pass
		Edge 1RB Right	18.74	/	/	18.79	/	/	<=33	Pass
		Outer_Full	19.90	/	/	19.95	/	/	<=33	Pass
		Inner_Full	19.84	/	/	19.89	/	/	<=33	Pass
		Inner_1RB Left	19.68	/	/	19.73	/	/	<=33	Pass
	2550	Inner_1RB Right	19.84	/	/	19.89	/	/	<=33	Pass
		Edge 1RB Left	18.73	/	/	18.78	/	/	<=33	Pass
		Edge 1RB Right	18.94	/	/	18.99	/	/	<=33	Pass
		Outer_Full	20.10	/	/	20.15	/	/	<=33	Pass
		Inner_Full	20.36	/	/	20.41	/	/	<=33	Pass
		Inner_1RB Left	19.72	/	/	19.77	/	/	<=33	Pass
		Inner_1RB Right	19.99	/	/	20.04	/	/	<=33	Pass
Note1: Antenna Gain: Ant41: 0.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n7 SCS=15kHz SISO 5MHz								
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	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-7.30	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-5.20	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-9.80	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-8.90	-0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-5.20	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass

			10	NV	-10.70	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-4.40	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-3.30	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.00	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-5.10	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-2.70	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.20	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.70	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.90	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-10.40	-0.0041	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.40	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-2.80	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-9.30	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-9.60	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	4.00	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-2.10	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-4.60	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.50	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-7.10	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.10	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	1.00	0.0004	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-12.70	-0.0050	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-2.30	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.20	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-9.50	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-7.60	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-3.30	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.10	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.70	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-7.30	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-5.20	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-10.50	-0.0041	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-3.50	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-3.90	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.90	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-6.50	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-3.70	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-4.20	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.10	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.60	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-8.50	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.90	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-5.90	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-4.60	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-6.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-9.10	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-5.10	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-4.90	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-4.50	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-10.20	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-4.40	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-1.80	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-2.50	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.70	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-5.10	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-2.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	1.80	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-2.60	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			50	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	2.30	0.0009	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-6.00	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0022	>=-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	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0020	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n7 SCS=15kHz SISO 10MHz								
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	-7.30	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-15.80	-0.0062	>=-2.5 & <=2.5	Pass
			-30	NV	-10.30	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-9.60	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-10.10	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-11.40	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	1.70	0.0007	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0044	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-11.60	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-14.30	-0.0056	>=-2.5 & <=2.5	Pass
			0	NV	-6.50	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-9.40	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-8.10	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass

			10	NV	-3.30	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-4.30	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-7.80	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-3.80	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-8.30	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-6.30	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-10.60	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.80	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-6.30	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-7.00	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-6.70	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-9.20	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-4.70	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.00	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-4.50	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.80	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-1.30	-0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-4.70	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-4.30	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-4.80	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.60	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.80	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	1.60	0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-8.60	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.60	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-3.80	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-7.20	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-4.90	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.00	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-8.50	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-1.50	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-2.40	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.30	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-1.50	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-3.90	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	3.60	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-3.90	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-6.00	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-7.20	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-0.50	-0.0002	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-8.00	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-3.50	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.10	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	1.00	0.0004	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	5.60	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-2.60	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-5.40	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-7.00	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-7.90	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-12.60	-0.0050	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-6.50	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-2.30	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.60	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-2.00	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			50	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
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2.1.3 15k_SISO_15MHz

5G NR n7 SCS=15kHz SISO 15MHz								
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	-10.40	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-11.00	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-9.30	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-8.30	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-9.70	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-13.90	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-12.00	-0.0047	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-10.20	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-11.90	-0.0047	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-10.50	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-15.20	-0.0060	>=-2.5 & <=2.5	Pass
			30	NV	-9.90	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-12.60	-0.0050	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-11.30	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-9.20	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-13.60	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-9.90	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-13.20	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	-12.50	-0.0049	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-11.20	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-9.10	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-9.60	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-10.70	-0.0042	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0035	>=-2.5 & <=2.5	Pass

			10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-10.10	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-6.00	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-5.50	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-11.00	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-10.60	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-14.60	-0.0058	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass

2.1.4 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	-10.90	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass

			-30	NV	-9.60	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-10.10	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-10.60	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-10.00	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-11.90	-0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-7.10	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.00	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-11.60	-0.0046	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-10.10	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-12.80	-0.0050	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-13.40	-0.0053	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-13.70	-0.0054	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-8.10	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-10.30	-0.0041	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.20	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-9.00	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-9.70	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-4.10	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-6.80	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-5.70	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.30	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-6.70	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-7.30	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-10.20	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-8.00	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-14.90	-0.0059	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-10.90	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-7.30	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.90	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-12.40	-0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.00	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-9.30	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-9.20	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-3.40	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-11.90	-0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.10	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-4.60	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-10.30	-0.0041	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.20	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-2.20	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.00	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-10.20	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-14.00	-0.0055	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-10.10	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.80	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-8.00	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-8.20	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-1.60	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.70	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.20	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-12.50	-0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			10	NV	-6.50	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-10.90	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-10.60	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-15.30	-0.0060	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-6.80	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-8.60	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-12.60	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	5.80	0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-5.80	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-13.70	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-9.10	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-8.30	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass

2.1.5 15k_SISO_25MHz

5G NR n7 SCS=15kHz SISO 25MHz								
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	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-13.90	-0.0055	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-10.80	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-7.90	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0019	>=-2.5 & <=2.5	Pass

			-30	NV	-6.30	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.00	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.30	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-10.10	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.10	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.20	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-13.30	-0.0052	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-11.60	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.20	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-4.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-13.30	-0.0052	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.00	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.30	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.10	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-13.80	-0.0054	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-10.40	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-11.10	-0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-6.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.20	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	4.90	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.00	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.40	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.80	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	1.30	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.00	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.30	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.10	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.50	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.50	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-9.30	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-9.10	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-7.60	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.30	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	1.20	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.30	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.00	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.40	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.90	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.10	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-7.70	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-9.40	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.60	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.60	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-11.10	-0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-11.50	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.60	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-11.10	-0.0044	>=-2.5 & <=2.5	Pass
				HV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-6.50	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-9.20	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-7.00	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-8.30	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass

2.1.6 15k_SISO_30MHz

5G NR n7 SCS=15kHz SISO 30MHz								
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	-8.40	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-7.50	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	3.50	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-10.20	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-9.20	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-7.60	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	3.60	0.0014	>=-2.5 & <=2.5	Pass
				HV	-12.40	-0.0049	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-5.00	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-9.70	-0.0038	>=-2.5 & <=2.5	Pass

			-30	NV	-7.50	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	0.40	0.0002	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.30	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-3.60	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-2.40	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-8.50	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-8.10	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-6.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-8.00	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-7.60	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-7.10	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-5.70	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.80	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-2.50	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.50	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-7.20	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-5.80	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-7.20	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-7.70	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.40	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	2.70	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	4.90	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-7.90	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-5.00	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-0.80	-0.0003	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-5.20	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-2.10	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-6.10	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.20	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-1.30	-0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-2.80	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-15.30	-0.0060	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.00	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-1.50	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	1.40	0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-2.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-2.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-11.30	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.10	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-8.20	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-5.30	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-3.80	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-8.30	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-6.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-3.10	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-10.00	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-6.80	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-4.50	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-3.50	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-1.70	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.30	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			10	NV	-7.60	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-11.30	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-6.30	-0.0025	>=-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	-7.10	-0.0028	>=-2.5 & <=2.5	Pass

2.1.7 15k_SISO_40MHz

5G NR n7 SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	20	LV	-7.60	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-10.90	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	0.50	0.0002	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-5.00	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	50	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			20	LV	-10.90	-0.0043	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	40	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0026	>=-2.5 & <=2.5	Pass
			20	LV	-8.30	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-7.60	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	30	NV	-8.60	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
			50	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			20	LV	4.00	0.0016	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass

			-30	NV	-10.20	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.00	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-8.00	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.50	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-0.80	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.60	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-9.60	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-5.70	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.50	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.10	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.40	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.20	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-10.10	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-6.90	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.50	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.80	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	1.80	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.10	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.90	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-8.80	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-3.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.10	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.50	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.20	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.00	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.80	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.30	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-12.20	-0.0048	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.00	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.80	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-9.60	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.40	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.20	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-10.80	-0.0043	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.10	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			10	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-13.70	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-7.80	-0.0031	>=-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	4.56	5.21	/	Pass
	2535	Outer_Full	4.55	5.25	/	Pass
	2567.5	Outer_Full	4.55	5.26	/	Pass
DFT-s-OFDM QPSK	2502.5	Outer_Full	4.56	5.40	/	Pass
	2535	Outer_Full	4.57	5.38	/	Pass
	2567.5	Outer_Full	4.58	5.46	/	Pass
DFT-s-OFDM 16 QAM	2502.5	Outer_Full	4.58	5.37	/	Pass
	2535	Outer_Full	4.58	5.39	/	Pass
	2567.5	Outer_Full	4.57	5.36	/	Pass
DFT-s-OFDM 64 QAM	2502.5	Outer_Full	4.58	5.43	/	Pass
	2535	Outer_Full	4.58	5.39	/	Pass
	2567.5	Outer_Full	4.58	5.36	/	Pass
DFT-s-OFDM 256 QAM	2502.5	Outer_Full	4.60	5.44	/	Pass
	2535	Outer_Full	4.60	5.45	/	Pass
	2567.5	Outer_Full	4.60	5.46	/	Pass
CP-OFDM QPSK	2502.5	Outer_Full	4.54	5.37	/	Pass
	2535	Outer_Full	4.56	5.40	/	Pass
	2567.5	Outer_Full	4.56	5.44	/	Pass
CP-OFDM 16 QAM	2502.5	Outer_Full	4.63	5.57	/	Pass
	2535	Outer_Full	4.64	5.56	/	Pass
	2567.5	Outer_Full	4.63	5.61	/	Pass
CP-OFDM 64 QAM	2502.5	Outer_Full	4.53	5.31	/	Pass
	2535	Outer_Full	4.53	5.29	/	Pass
	2567.5	Outer_Full	4.52	5.30	/	Pass
CP-OFDM 256 QAM	2502.5	Outer_Full	4.58	5.37	/	Pass
	2535	Outer_Full	4.57	5.38	/	Pass
	2567.5	Outer_Full	4.57	5.41	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n7 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2505	Outer_Full	9.05	9.90	/	Pass
	2535	Outer_Full	9.04	9.98	/	Pass
	2565	Outer_Full	9.05	9.94	/	Pass
DFT-s-OFDM QPSK	2505	Outer_Full	9.07	10.08	/	Pass
	2535	Outer_Full	9.08	10.09	/	Pass
	2565	Outer_Full	9.09	10.09	/	Pass
DFT-s-OFDM 16 QAM	2505	Outer_Full	9.09	10.02	/	Pass

	2535	Outer_Full	9.06	9.94	/	Pass
	2565	Outer_Full	9.05	9.95	/	Pass
	2505	Outer_Full	9.06	10.02	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	9.07	10.01	/	Pass
	2565	Outer_Full	9.07	9.97	/	Pass
	2505	Outer_Full	9.09	10.03	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	9.07	9.95	/	Pass
	2565	Outer_Full	9.06	10.10	/	Pass
	2505	Outer_Full	9.41	10.50	/	Pass
CP-OFDM QPSK	2535	Outer_Full	9.39	10.36	/	Pass
	2565	Outer_Full	9.40	10.40	/	Pass
	2505	Outer_Full	9.43	10.43	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	9.43	10.45	/	Pass
	2565	Outer_Full	9.43	10.37	/	Pass
	2505	Outer_Full	9.39	10.35	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	9.35	10.37	/	Pass
	2565	Outer_Full	9.39	10.38	/	Pass
	2505	Outer_Full	9.40	10.40	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	9.39	10.46	/	Pass
	2565	Outer_Full	9.39	10.46	/	Pass
	2505	Outer_Full	9.39	10.46	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n7 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2507.5	Outer_Full	13.63	14.80	/	Pass
	2535	Outer_Full	13.57	14.89	/	Pass
	2562.5	Outer_Full	13.56	14.84	/	Pass
DFT-s-OFDM QPSK	2507.5	Outer_Full	13.66	14.88	/	Pass
	2535	Outer_Full	13.68	14.95	/	Pass
	2562.5	Outer_Full	13.60	14.89	/	Pass
DFT-s-OFDM 16 QAM	2507.5	Outer_Full	13.65	14.88	/	Pass
	2535	Outer_Full	13.63	14.87	/	Pass
	2562.5	Outer_Full	13.61	14.80	/	Pass
DFT-s-OFDM 64 QAM	2507.5	Outer_Full	13.59	14.81	/	Pass
	2535	Outer_Full	13.57	14.78	/	Pass
	2562.5	Outer_Full	13.53	14.83	/	Pass
DFT-s-OFDM 256 QAM	2507.5	Outer_Full	13.63	14.71	/	Pass
	2535	Outer_Full	13.57	14.78	/	Pass
	2562.5	Outer_Full	13.61	14.81	/	Pass
CP-OFDM QPSK	2507.5	Outer_Full	14.33	15.50	/	Pass
	2535	Outer_Full	14.29	15.55	/	Pass
	2562.5	Outer_Full	14.25	15.49	/	Pass
CP-OFDM 16 QAM	2507.5	Outer_Full	14.30	15.60	/	Pass
	2535	Outer_Full	14.29	15.57	/	Pass
	2562.5	Outer_Full	14.25	15.50	/	Pass
CP-OFDM 64 QAM	2507.5	Outer_Full	14.28	15.51	/	Pass
	2535	Outer_Full	14.25	15.54	/	Pass
	2562.5	Outer_Full	14.24	15.56	/	Pass
CP-OFDM 256 QAM	2507.5	Outer_Full	14.28	15.49	/	Pass
	2535	Outer_Full	14.25	15.48	/	Pass
	2562.5	Outer_Full	14.24	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	18.14	19.47	/	Pass
	2535	Outer_Full	18.09	19.45	/	Pass
	2560	Outer_Full	18.07	19.41	/	Pass
DFT-s-OFDM QPSK	2510	Outer_Full	18.11	19.68	/	Pass
	2535	Outer_Full	18.02	19.61	/	Pass
	2560	Outer_Full	18.03	19.57	/	Pass
DFT-s-OFDM 16 QAM	2510	Outer_Full	18.16	19.68	/	Pass
	2535	Outer_Full	18.09	19.58	/	Pass
	2560	Outer_Full	18.04	19.54	/	Pass
DFT-s-OFDM 64 QAM	2510	Outer_Full	18.20	19.63	/	Pass
	2535	Outer_Full	18.14	19.55	/	Pass
	2560	Outer_Full	18.12	19.59	/	Pass
DFT-s-OFDM 256 QAM	2510	Outer_Full	18.14	19.61	/	Pass
	2535	Outer_Full	18.04	19.62	/	Pass
	2560	Outer_Full	18.03	19.64	/	Pass
CP-OFDM QPSK	2510	Outer_Full	19.13	20.68	/	Pass
	2535	Outer_Full	19.06	20.65	/	Pass
	2560	Outer_Full	18.99	20.64	/	Pass
CP-OFDM 16 QAM	2510	Outer_Full	19.25	20.64	/	Pass
	2535	Outer_Full	19.17	20.58	/	Pass
	2560	Outer_Full	19.13	20.58	/	Pass
CP-OFDM 64 QAM	2510	Outer_Full	19.14	20.60	/	Pass
	2535	Outer_Full	19.11	20.62	/	Pass
	2560	Outer_Full	19.03	20.51	/	Pass
CP-OFDM 256 QAM	2510	Outer_Full	19.16	20.63	/	Pass
	2535	Outer_Full	19.08	20.70	/	Pass
	2560	Outer_Full	19.06	20.61	/	Pass

3.1.5 15k_SISO_25MHz_NTN

5G NR n7 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2512.5	Outer_Full	23.20	24.75	/	Pass
	2535	Outer_Full	23.08	24.77	/	Pass
	2557.5	Outer_Full	23.09	24.72	/	Pass
DFT-s-OFDM QPSK	2512.5	Outer_Full	23.16	24.85	/	Pass
	2535	Outer_Full	23.05	24.85	/	Pass
	2557.5	Outer_Full	23.05	24.83	/	Pass
DFT-s-OFDM 16 QAM	2512.5	Outer_Full	23.22	24.94	/	Pass
	2535	Outer_Full	23.15	24.76	/	Pass
	2557.5	Outer_Full	23.09	24.82	/	Pass
DFT-s-OFDM 64 QAM	2512.5	Outer_Full	23.14	24.83	/	Pass
	2535	Outer_Full	23.00	24.85	/	Pass
	2557.5	Outer_Full	23.00	24.79	/	Pass
DFT-s-OFDM 256 QAM	2512.5	Outer_Full	23.14	24.72	/	Pass
	2535	Outer_Full	23.05	24.66	/	Pass
	2557.5	Outer_Full	23.05	24.66	/	Pass
CP-OFDM QPSK	2512.5	Outer_Full	24.05	25.82	/	Pass
	2535	Outer_Full	23.90	25.75	/	Pass
	2557.5	Outer_Full	23.91	25.65	/	Pass
CP-OFDM 16 QAM	2512.5	Outer_Full	24.02	25.69	/	Pass
	2535	Outer_Full	23.88	25.64	/	Pass
	2557.5	Outer_Full	23.86	25.66	/	Pass
CP-OFDM 64 QAM	2512.5	Outer_Full	24.10	25.91	/	Pass

CP-OFDM 256 QAM	2535	Outer_Full	23.98	25.68	/	Pass
	2557.5	Outer_Full	23.92	25.66	/	Pass
	2512.5	Outer_Full	24.06	25.71	/	Pass
	2535	Outer_Full	23.96	25.61	/	Pass
	2557.5	Outer_Full	23.97	25.68	/	Pass

3.1.6 15k_SISO_30MHz_NTNV

5G NR n7 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2515	Outer_Full	28.92	31.00	/	Pass
	2535	Outer_Full	28.83	30.76	/	Pass
	2555	Outer_Full	28.89	30.73	/	Pass
DFT-s-OFDM QPSK	2515	Outer_Full	28.89	30.93	/	Pass
	2535	Outer_Full	28.67	30.81	/	Pass
	2555	Outer_Full	28.73	30.89	/	Pass
DFT-s-OFDM 16 QAM	2515	Outer_Full	29.10	30.94	/	Pass
	2535	Outer_Full	28.93	30.86	/	Pass
	2555	Outer_Full	28.97	30.90	/	Pass
DFT-s-OFDM 64 QAM	2515	Outer_Full	28.95	30.83	/	Pass
	2535	Outer_Full	28.82	30.84	/	Pass
	2555	Outer_Full	28.87	30.76	/	Pass
DFT-s-OFDM 256 QAM	2515	Outer_Full	29.03	30.87	/	Pass
	2535	Outer_Full	28.84	30.74	/	Pass
	2555	Outer_Full	28.86	30.79	/	Pass
CP-OFDM QPSK	2515	Outer_Full	28.95	30.87	/	Pass
	2535	Outer_Full	28.81	30.82	/	Pass
	2555	Outer_Full	28.82	30.81	/	Pass
CP-OFDM 16 QAM	2515	Outer_Full	28.94	31.64	/	Pass
	2535	Outer_Full	28.75	30.79	/	Pass
	2555	Outer_Full	28.79	30.79	/	Pass
CP-OFDM 64 QAM	2515	Outer_Full	28.98	33.06	/	Pass
	2535	Outer_Full	28.82	33.36	/	Pass
	2555	Outer_Full	28.83	30.79	/	Pass
CP-OFDM 256 QAM	2515	Outer_Full	28.90	30.86	/	Pass
	2535	Outer_Full	28.70	30.79	/	Pass
	2555	Outer_Full	28.78	30.82	/	Pass

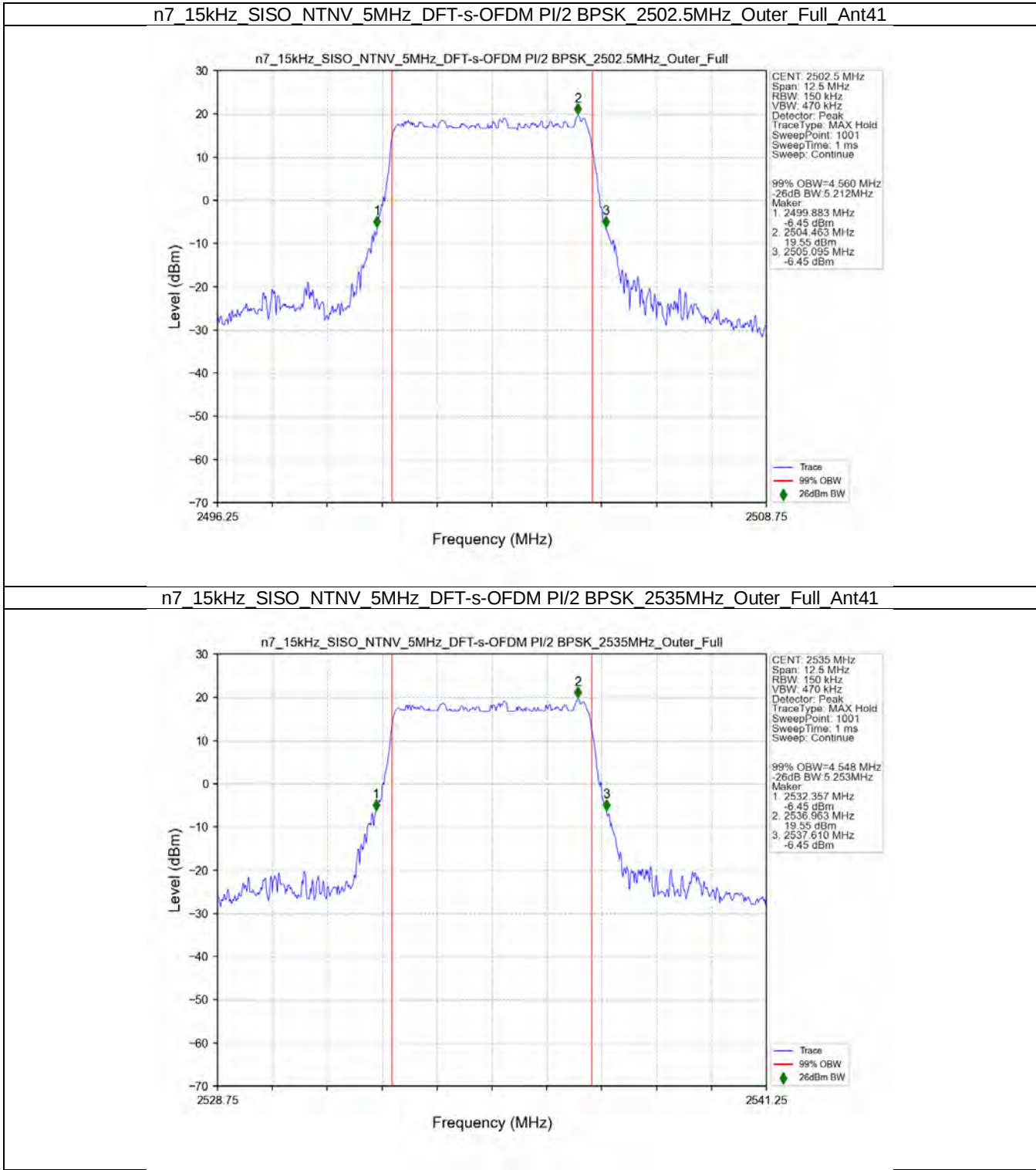
3.1.7 15k_SISO_40MHz_NTNV

5G NR n7 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2520	Outer_Full	38.97	41.45	/	Pass
	2535	Outer_Full	38.79	41.45	/	Pass
	2550	Outer_Full	38.89	41.54	/	Pass
DFT-s-OFDM QPSK	2520	Outer_Full	38.97	41.56	/	Pass
	2535	Outer_Full	38.85	41.47	/	Pass
	2550	Outer_Full	38.88	41.55	/	Pass
DFT-s-OFDM 16 QAM	2520	Outer_Full	39.06	41.59	/	Pass
	2535	Outer_Full	38.98	41.65	/	Pass
	2550	Outer_Full	39.04	41.66	/	Pass
DFT-s-OFDM 64 QAM	2520	Outer_Full	38.98	41.59	/	Pass
	2535	Outer_Full	38.84	41.50	/	Pass
	2550	Outer_Full	38.91	41.60	/	Pass

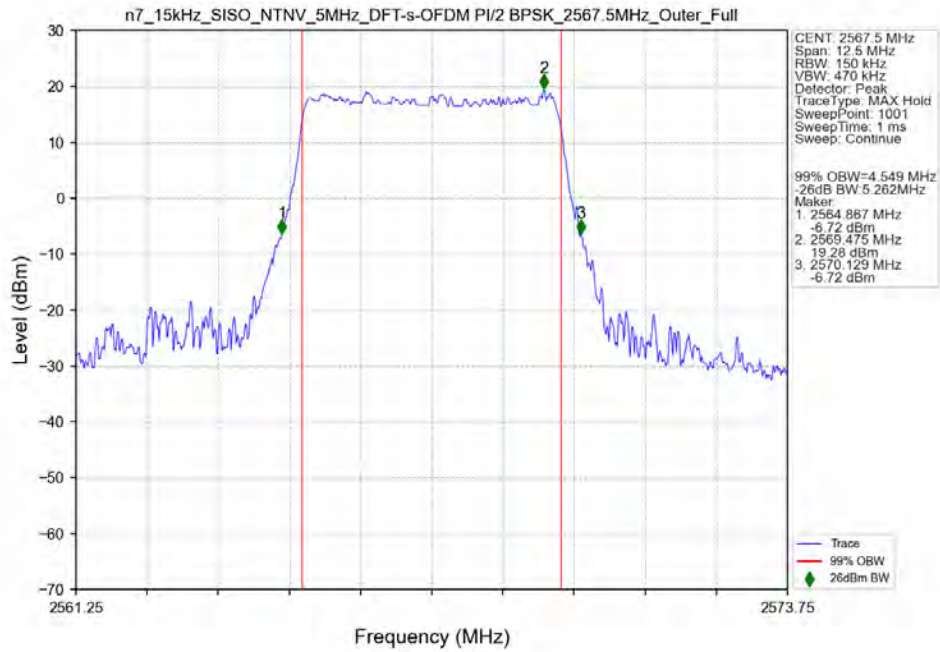
DFT-s-OFDM 256 QAM	2520	Outer_Full	39.11	41.60	/	Pass
	2535	Outer_Full	39.01	41.41	/	Pass
	2550	Outer_Full	39.04	41.55	/	Pass
CP-OFDM QPSK	2520	Outer_Full	38.93	41.52	/	Pass
	2535	Outer_Full	38.82	41.52	/	Pass
	2550	Outer_Full	38.87	41.55	/	Pass
CP-OFDM 16 QAM	2520	Outer_Full	39.10	41.55	/	Pass
	2535	Outer_Full	38.91	41.57	/	Pass
	2550	Outer_Full	39.01	41.55	/	Pass
CP-OFDM 64 QAM	2520	Outer_Full	39.02	41.48	/	Pass
	2535	Outer_Full	38.93	41.54	/	Pass
	2550	Outer_Full	39.03	41.49	/	Pass
CP-OFDM 256 QAM	2520	Outer_Full	39.00	41.54	/	Pass
	2535	Outer_Full	38.90	41.57	/	Pass
	2550	Outer_Full	38.92	41.46	/	Pass

3.2 Test Graph

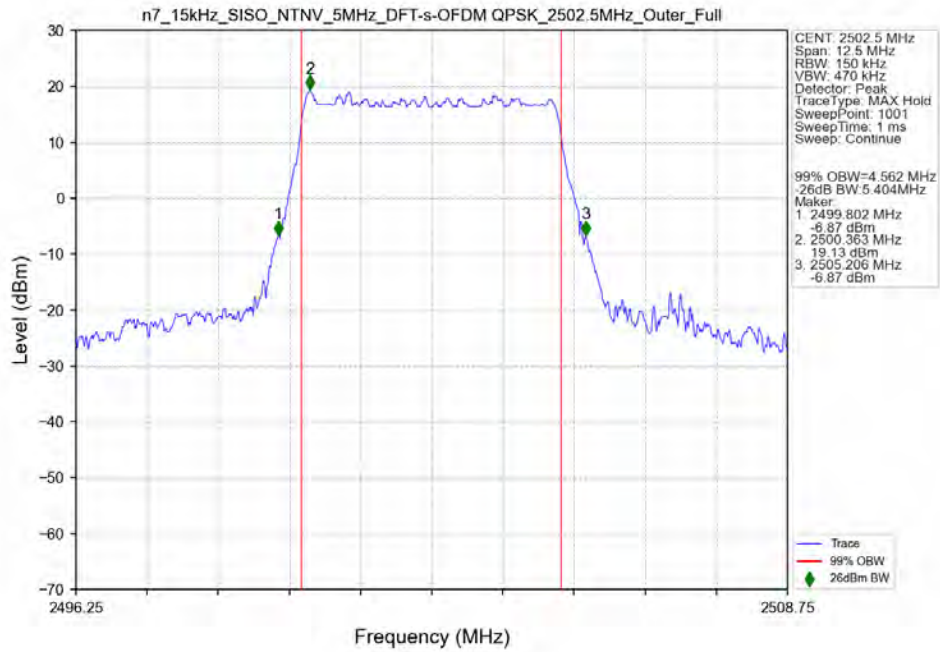
3.2.1 15k_SISO_5MHz_NTNV



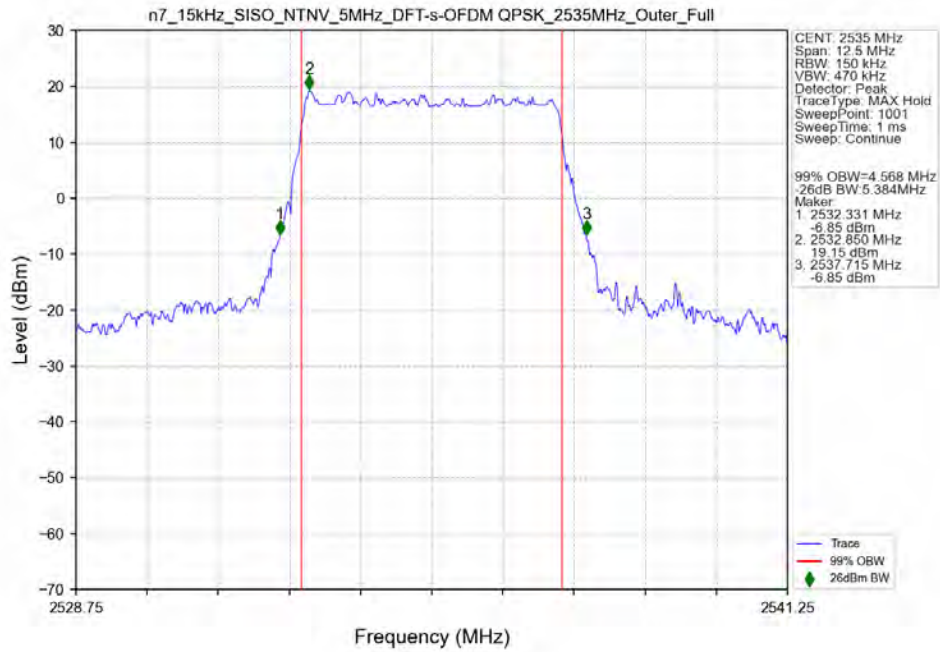
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2567.5MHz_Outer_Full_Ant41



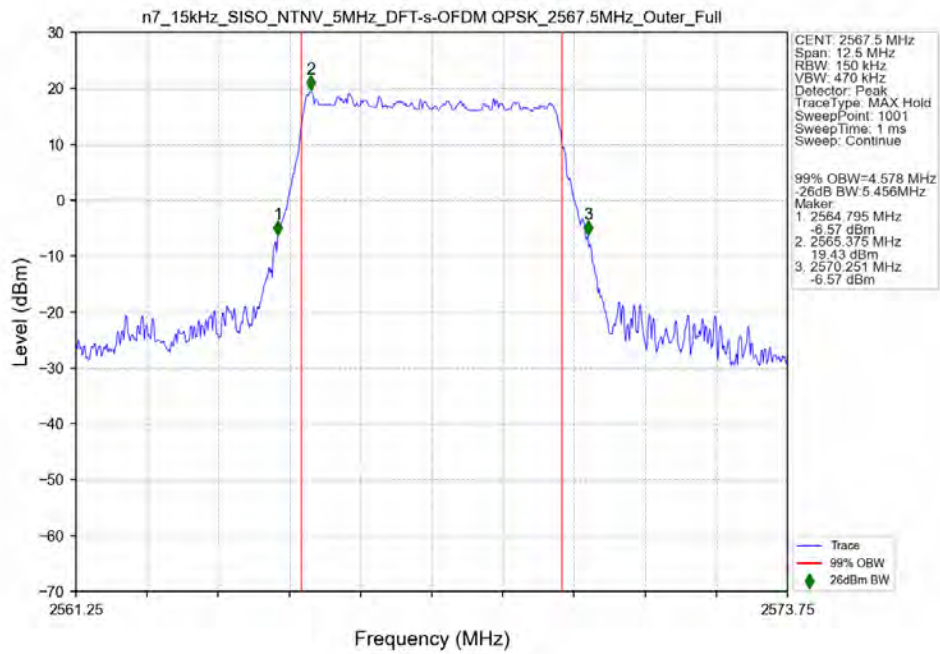
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2502.5MHz_Outer_Full_Ant41



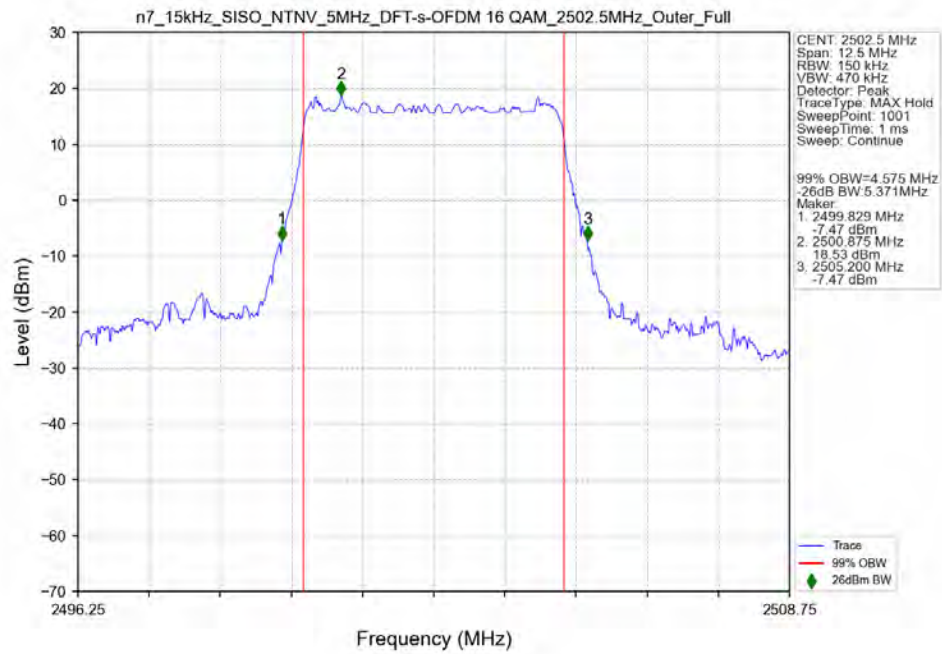
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2535MHz_Outer_Full_Ant41



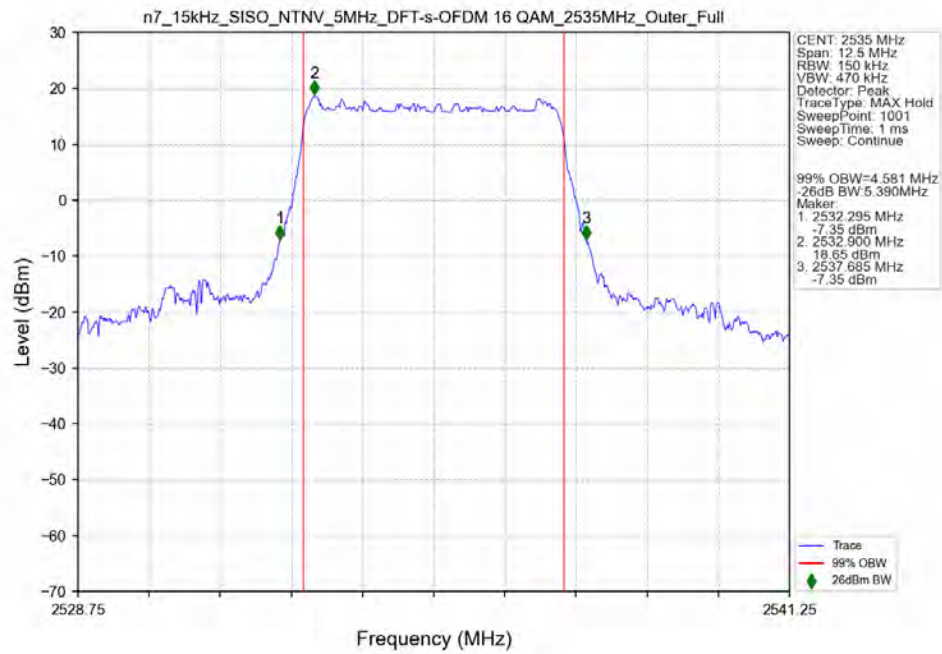
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2567.5MHz_Outer_Full_Ant41



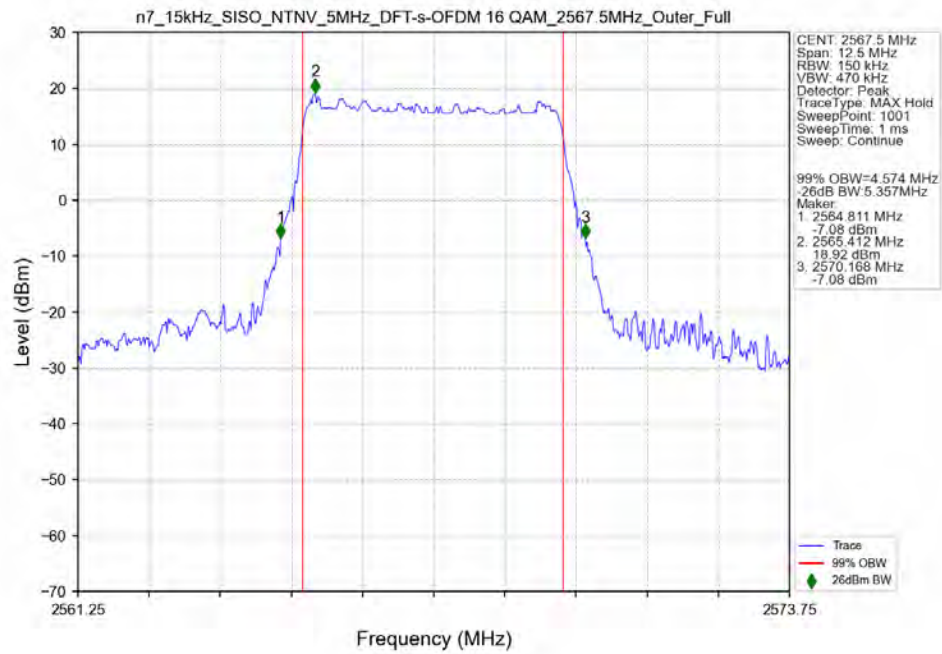
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_2502.5MHz_Outer_Full_Ant41



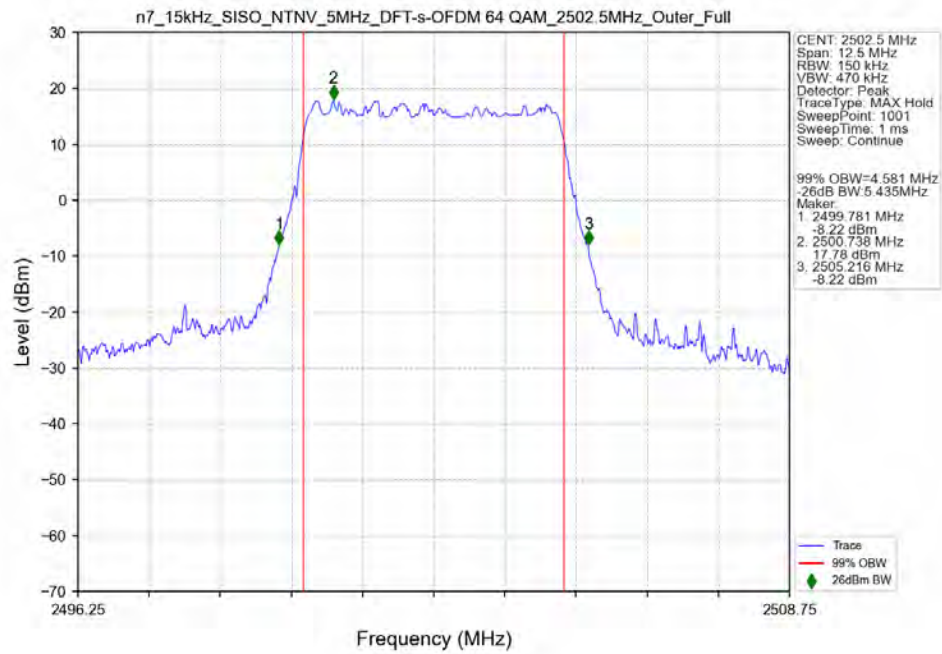
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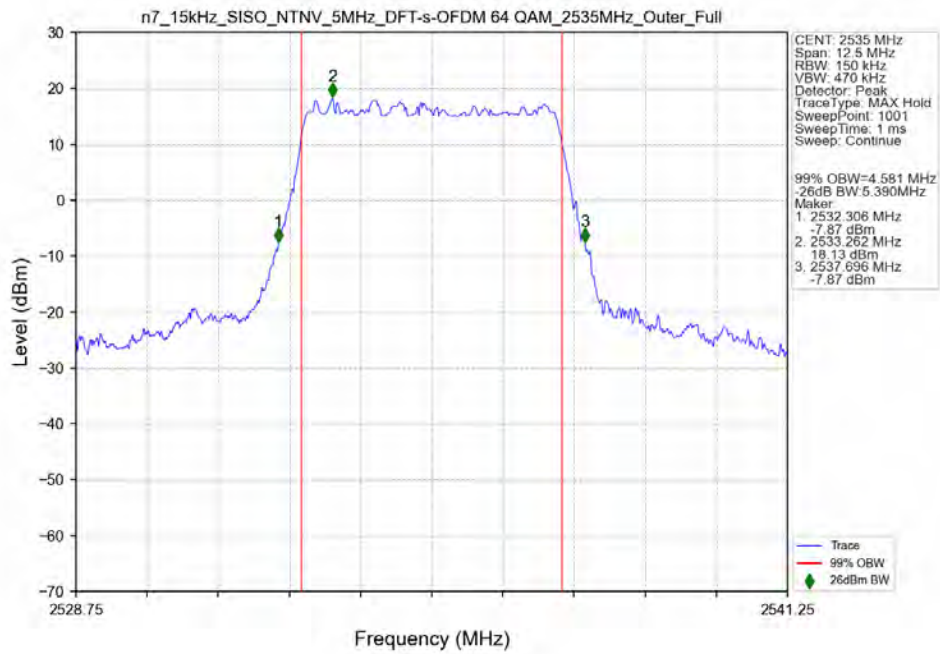
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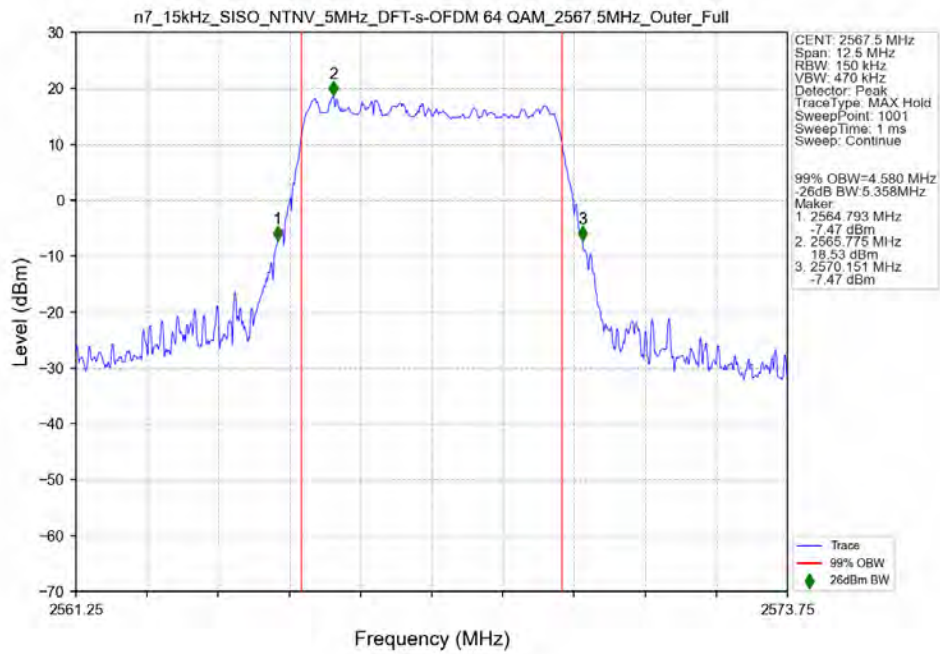
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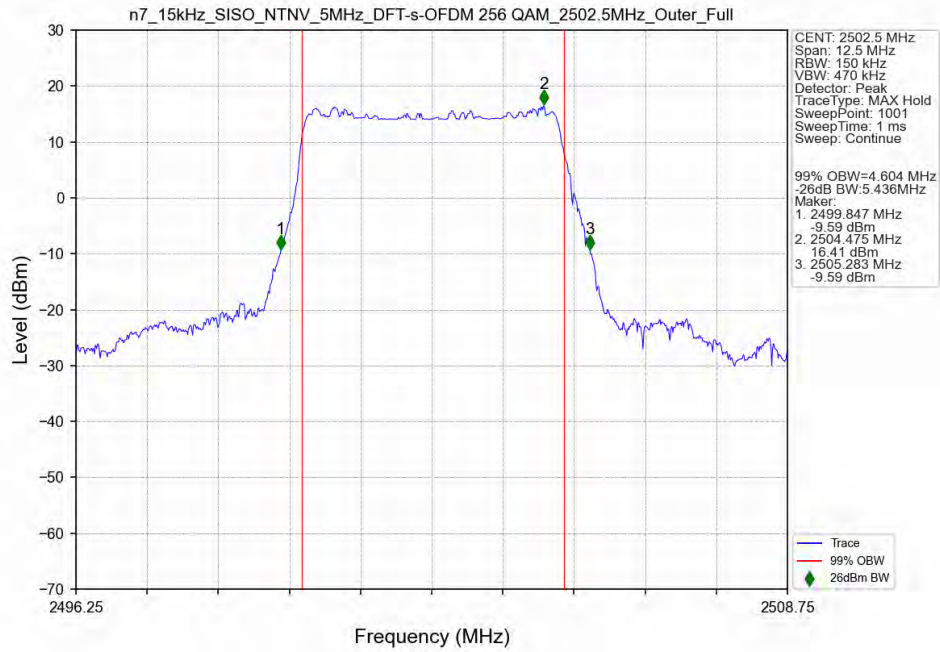
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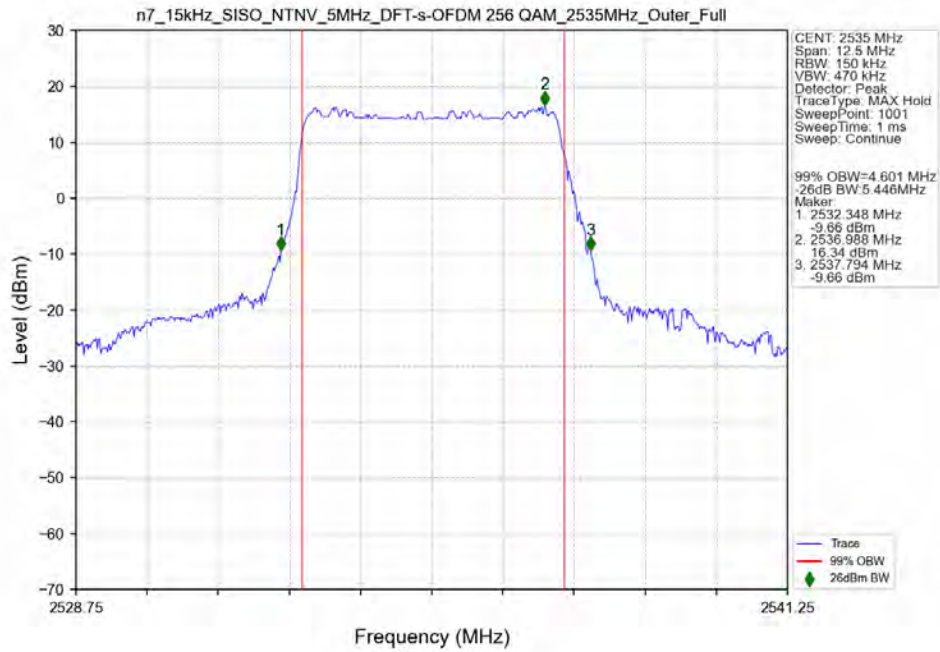
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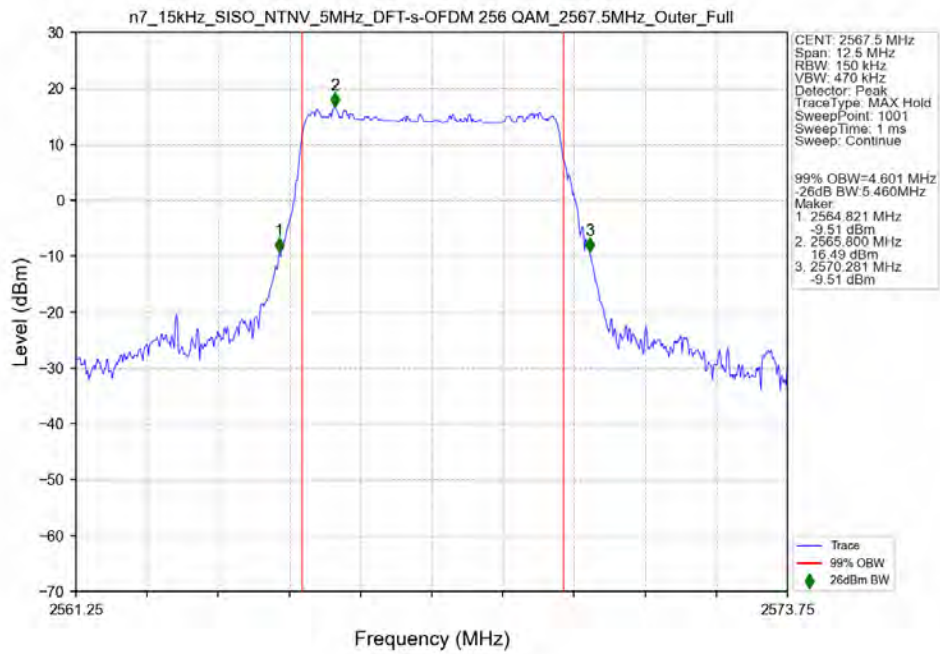
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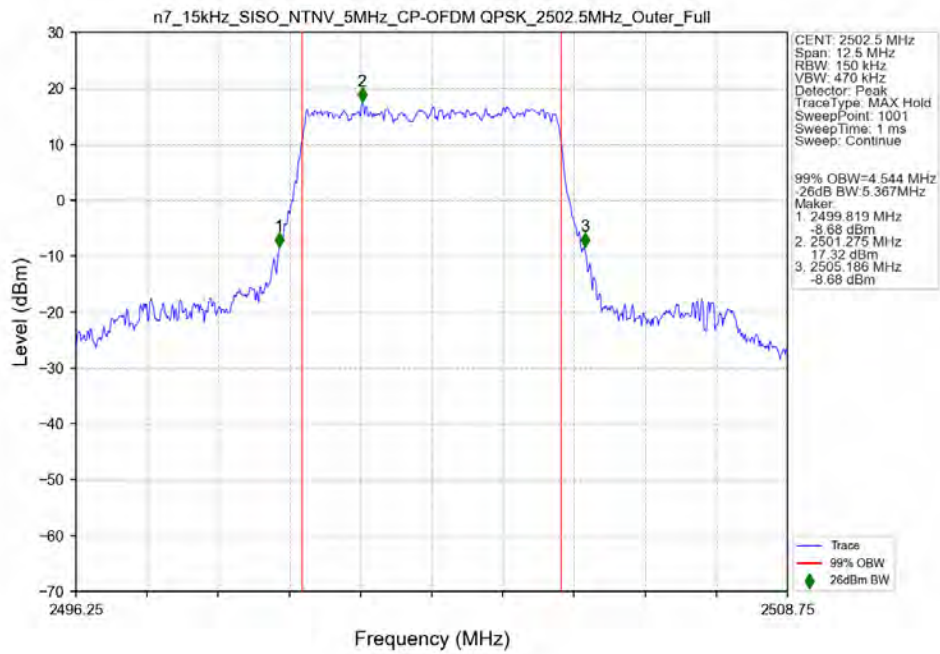
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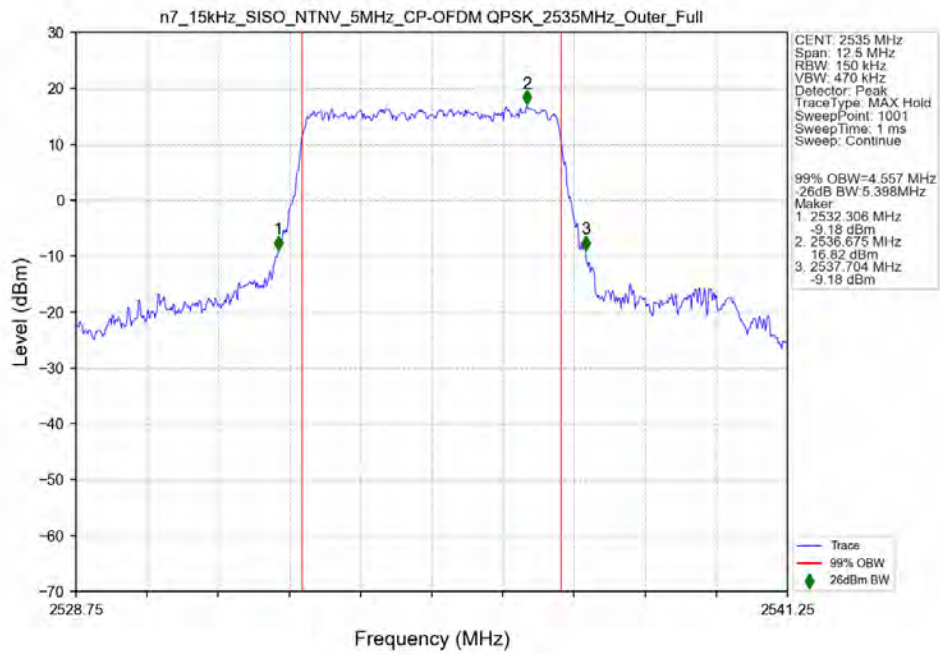
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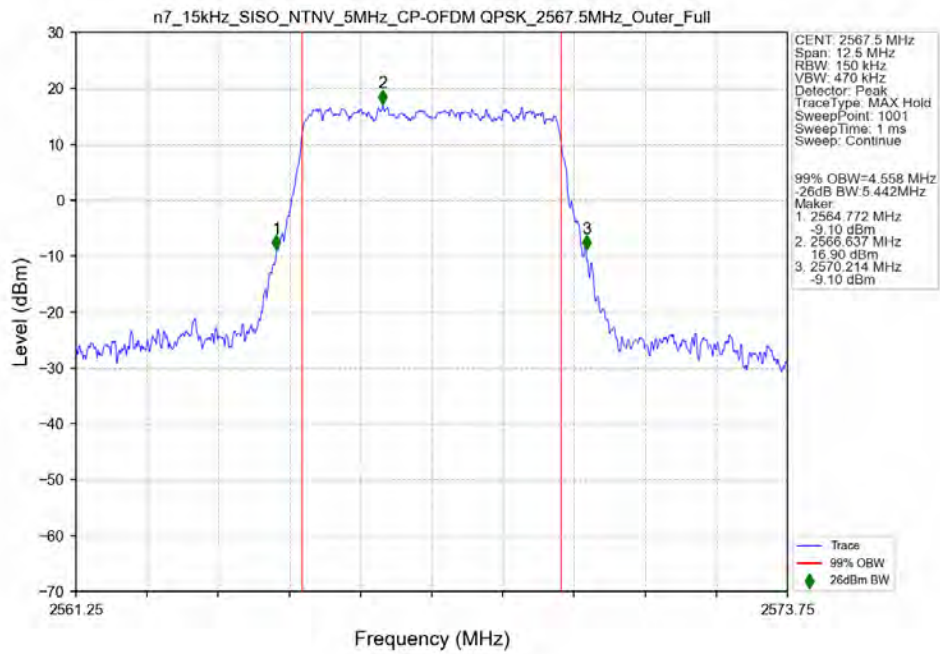
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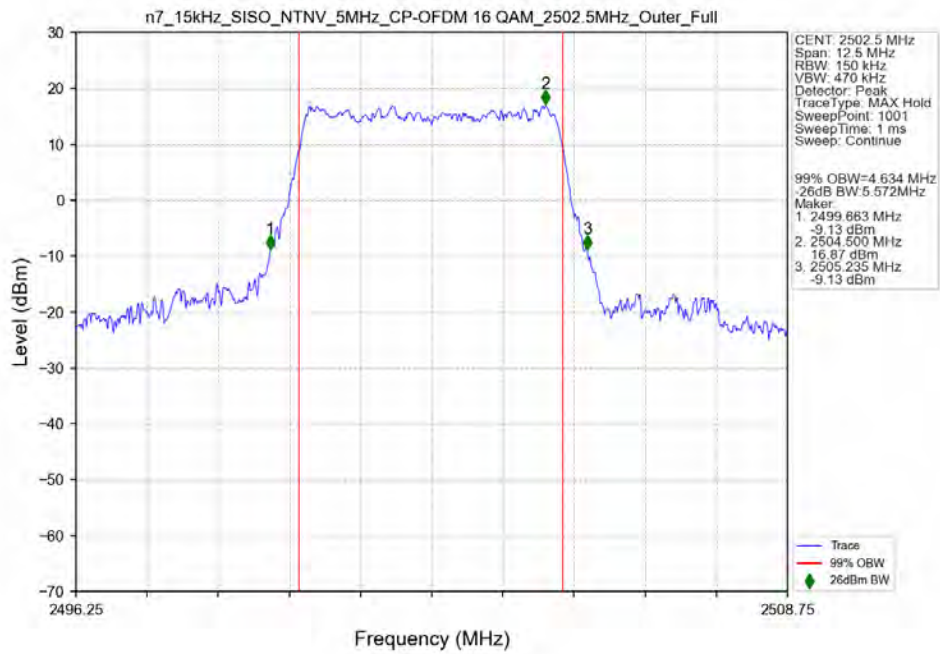
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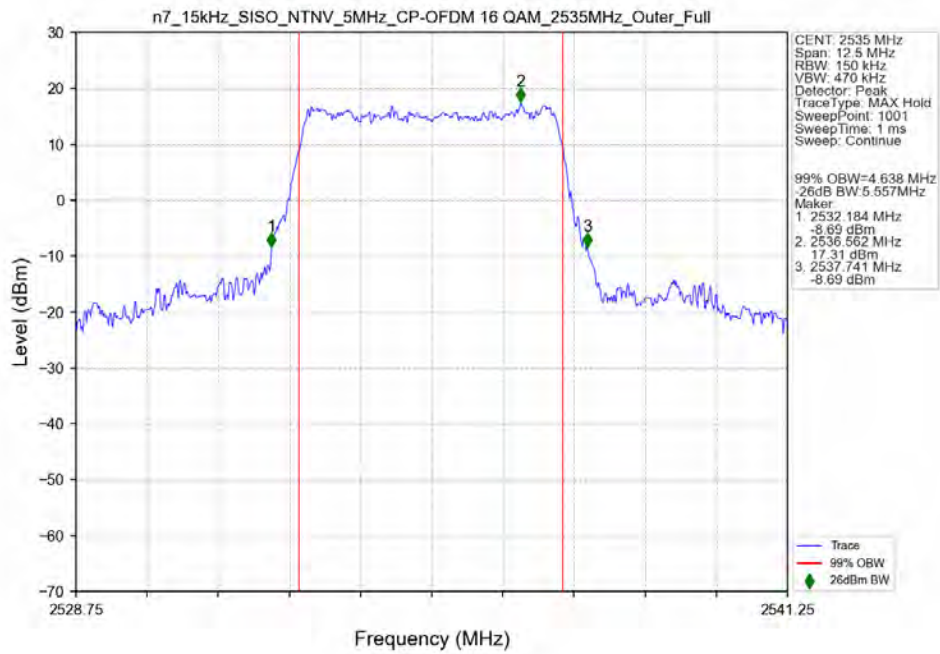
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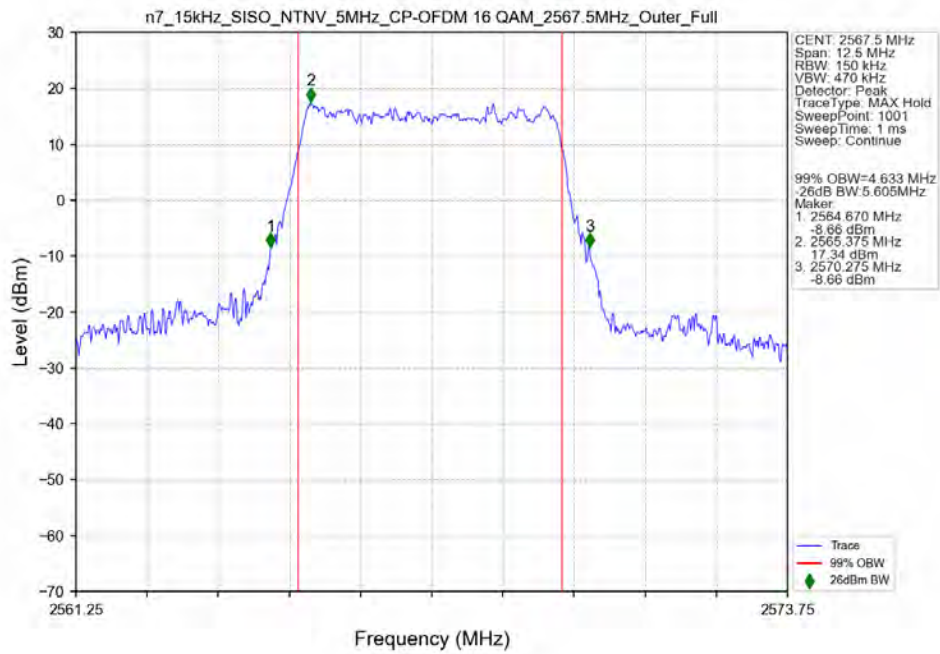
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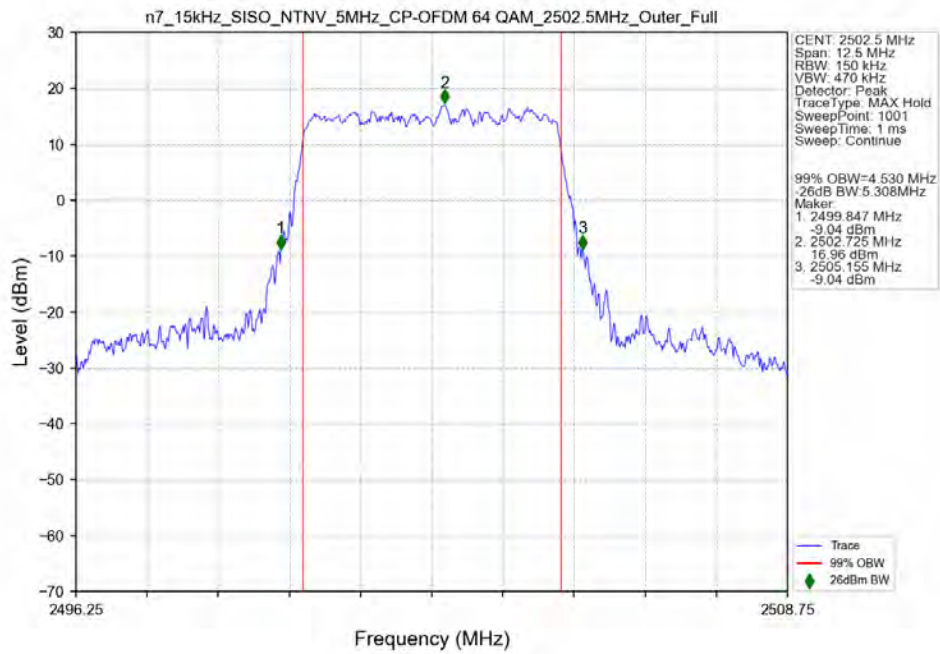
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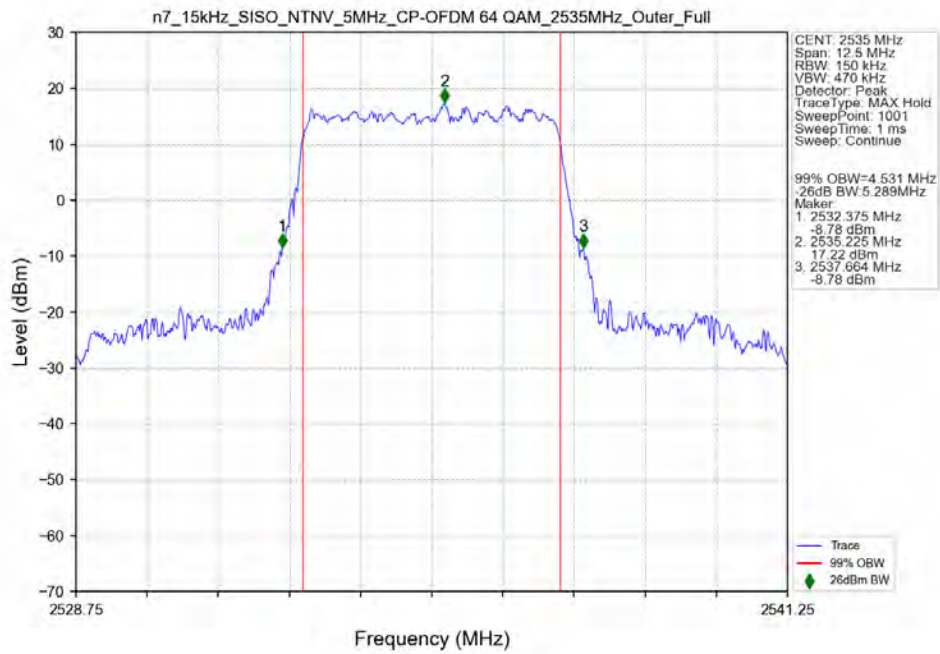
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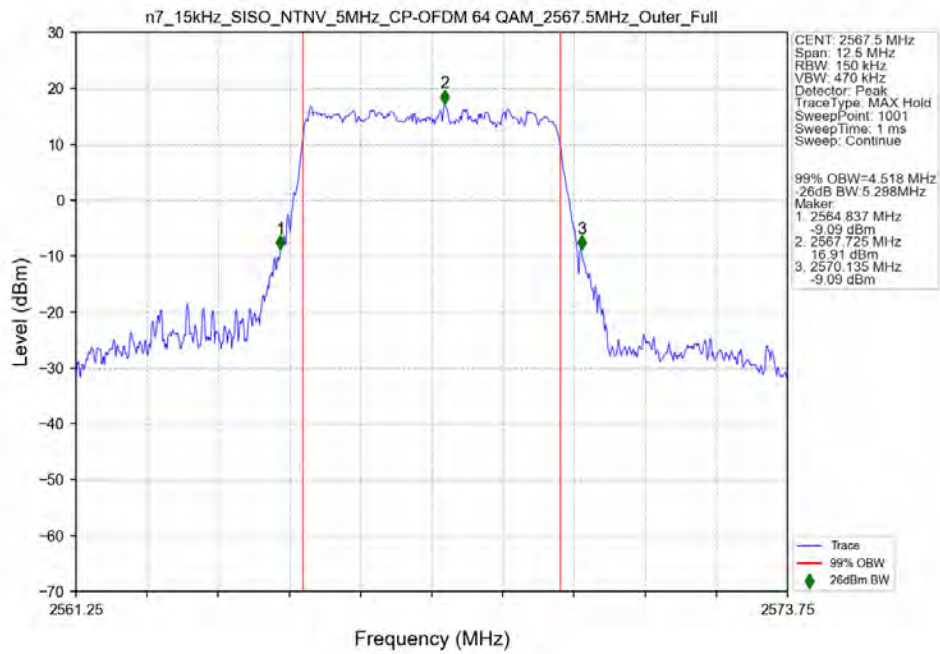
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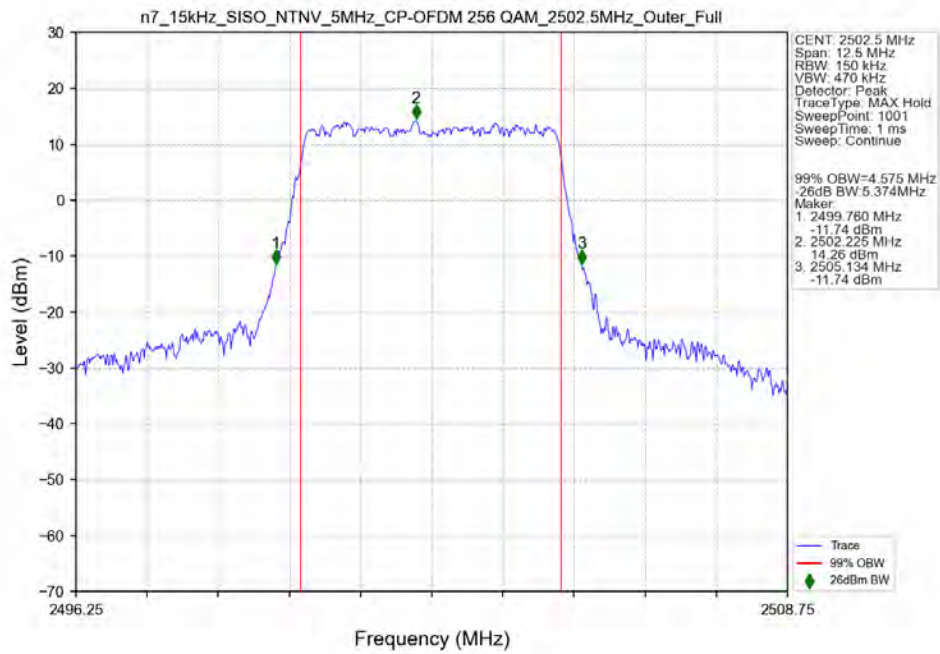
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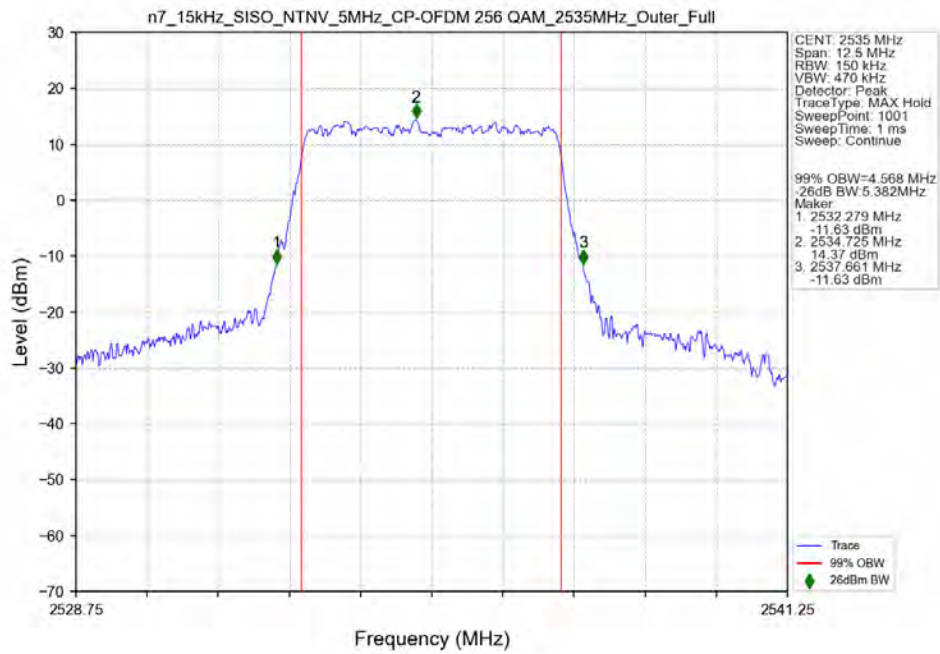
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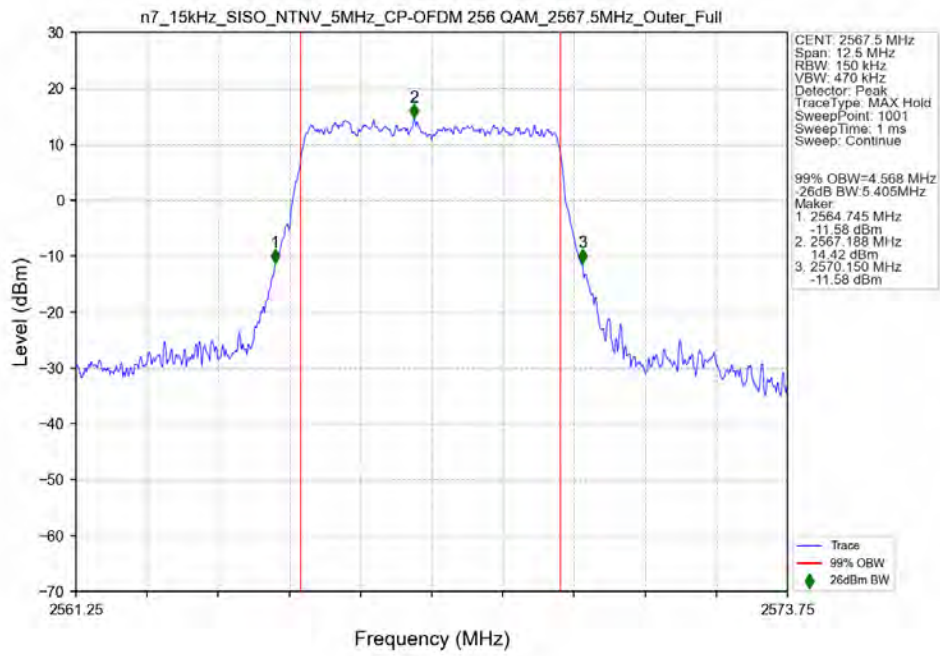
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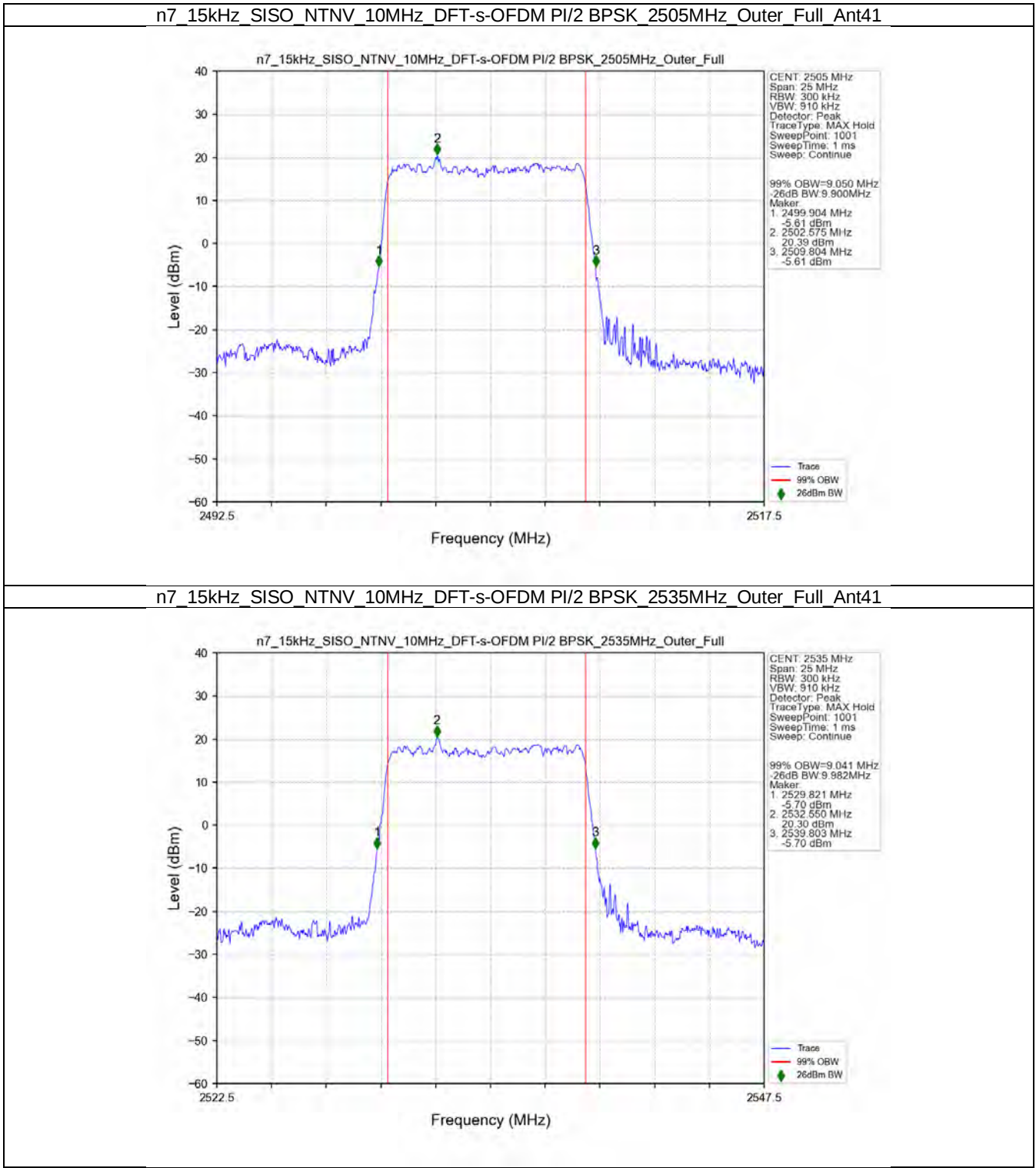
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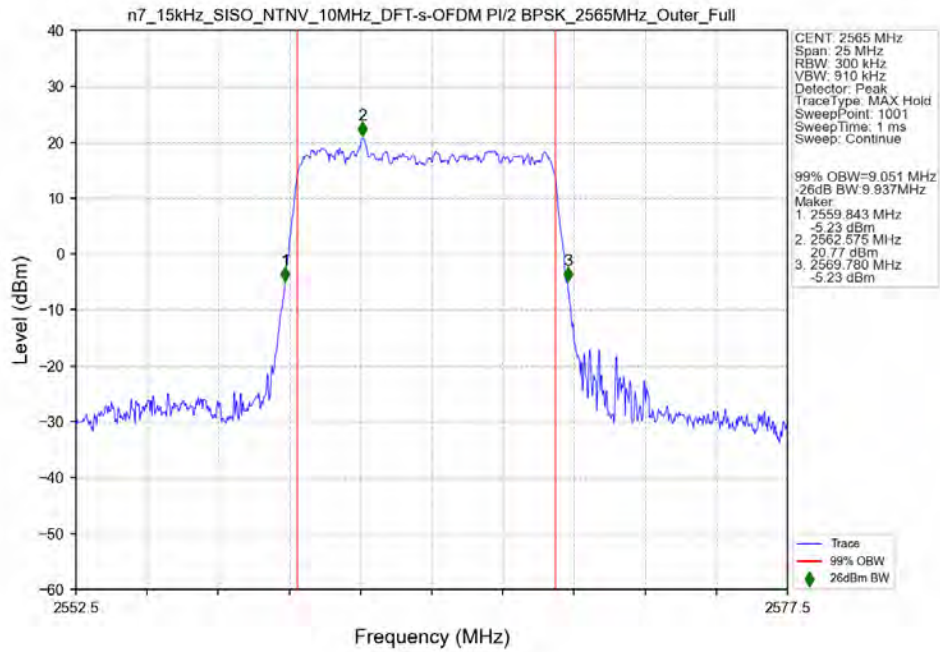
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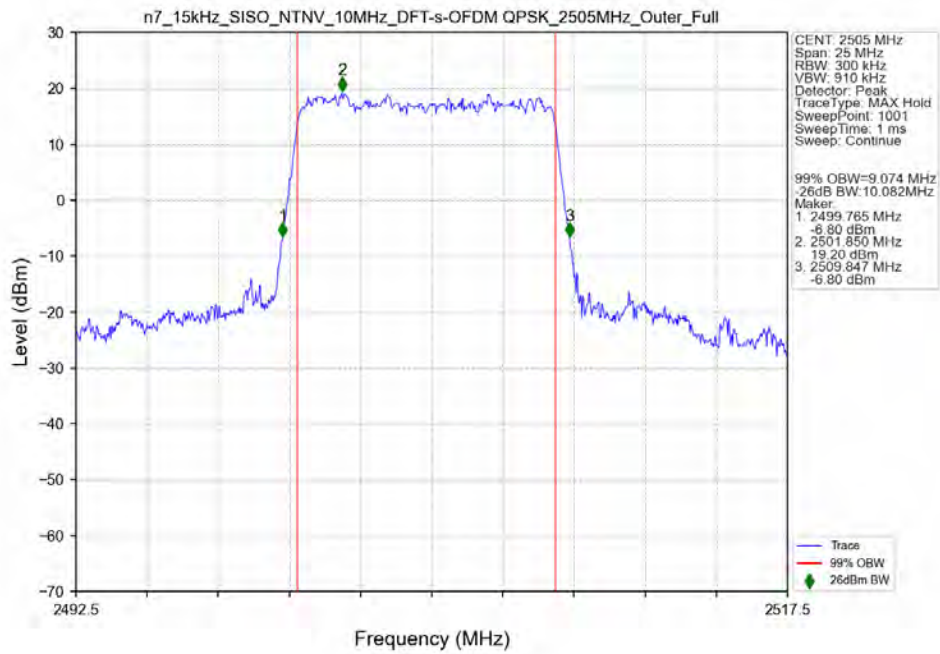
3.2.2 15k_SISO_10MHz_NTNV



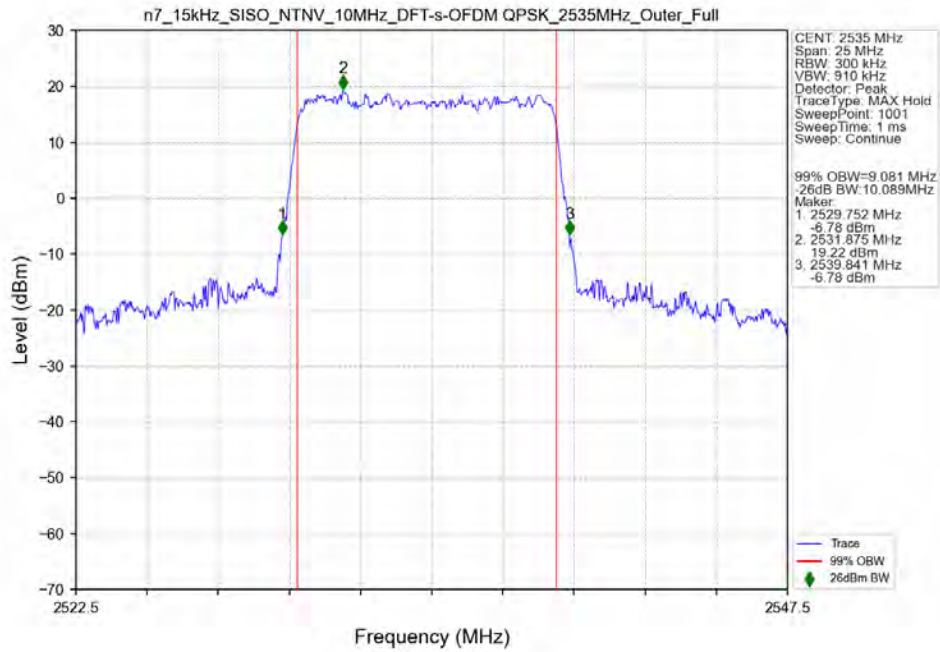
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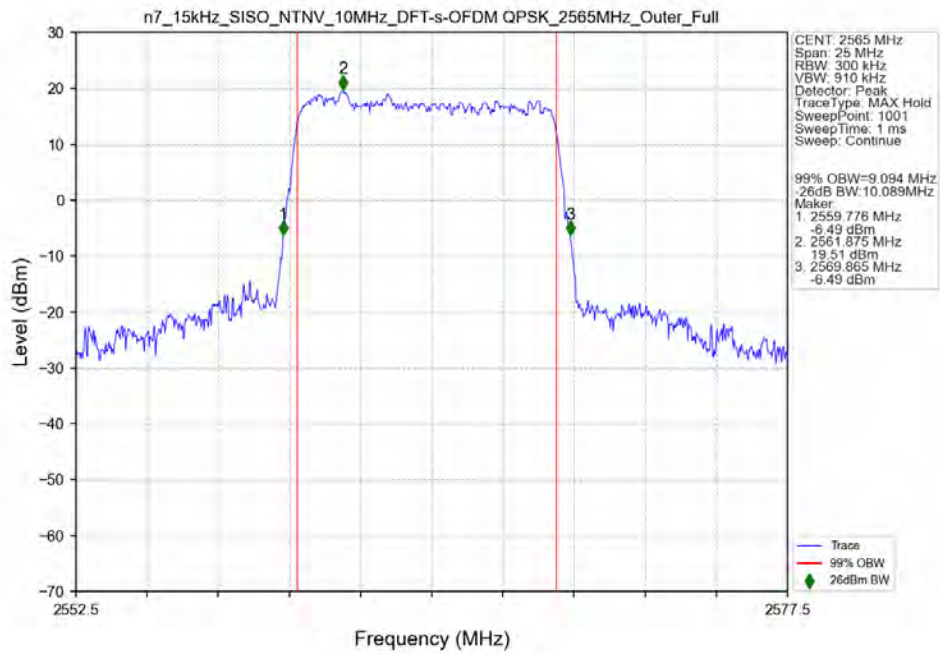
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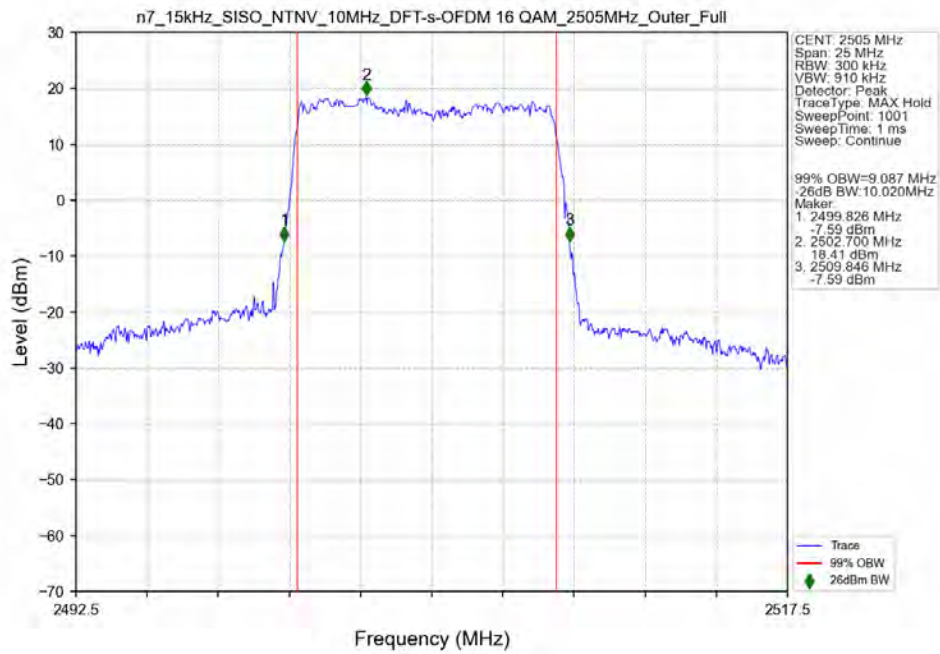
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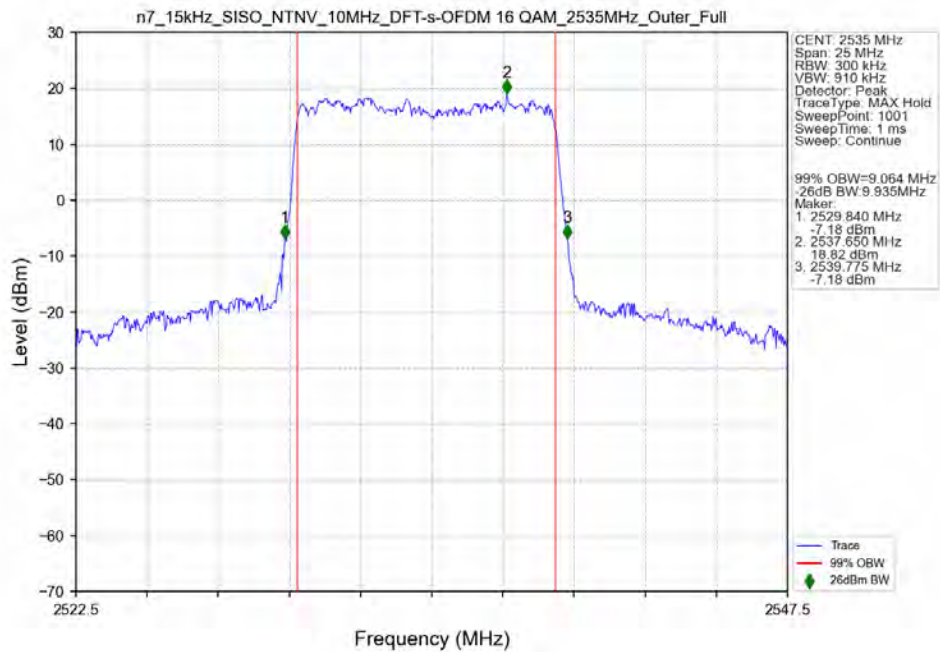
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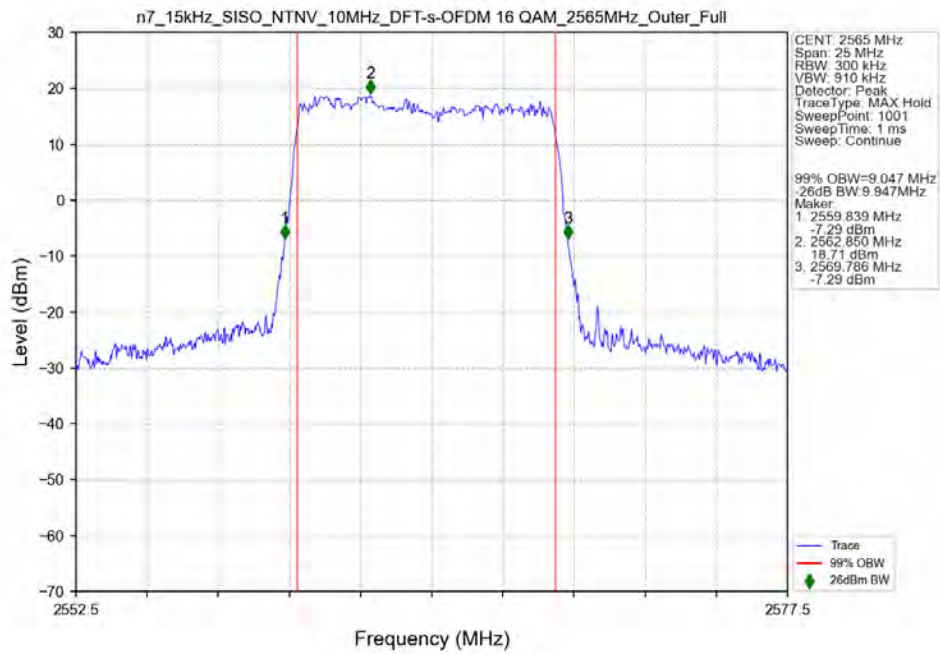
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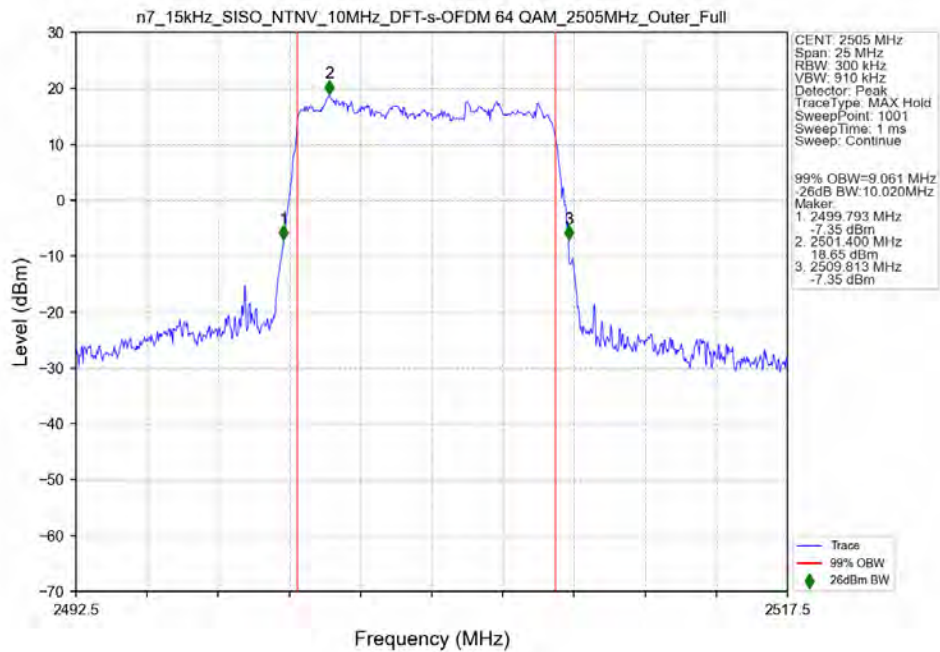
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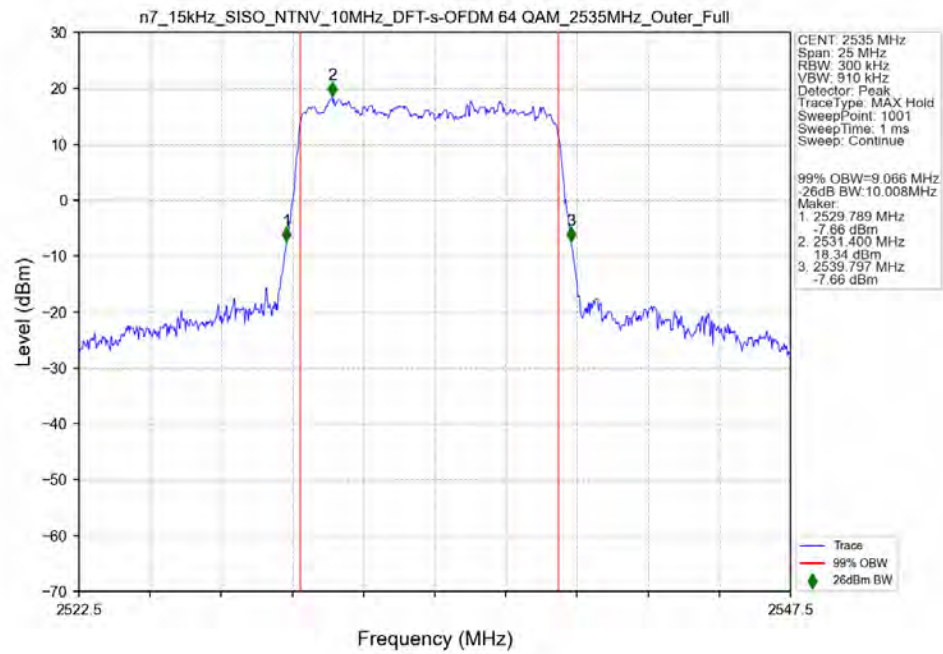
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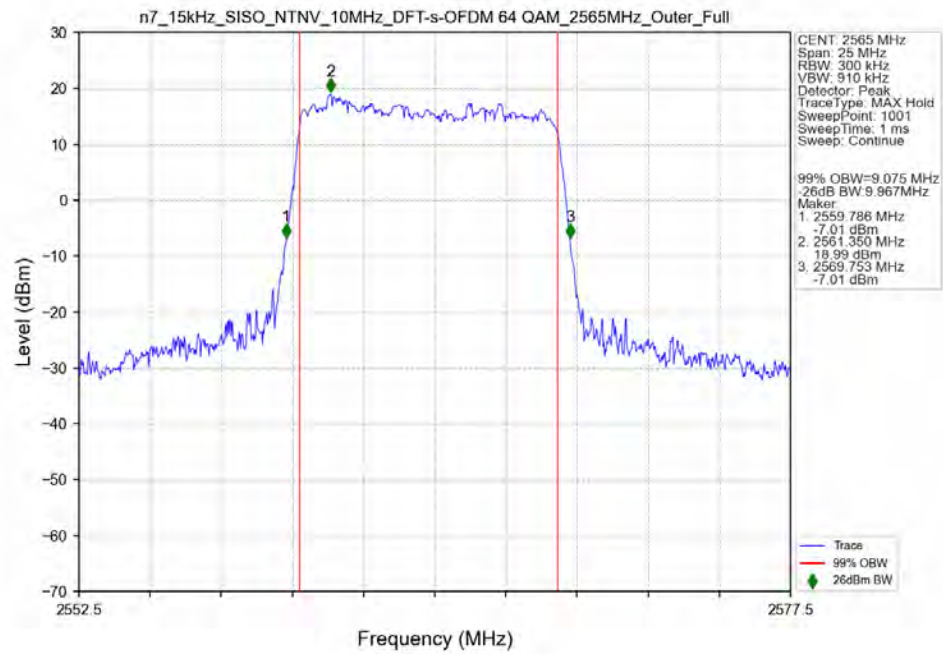
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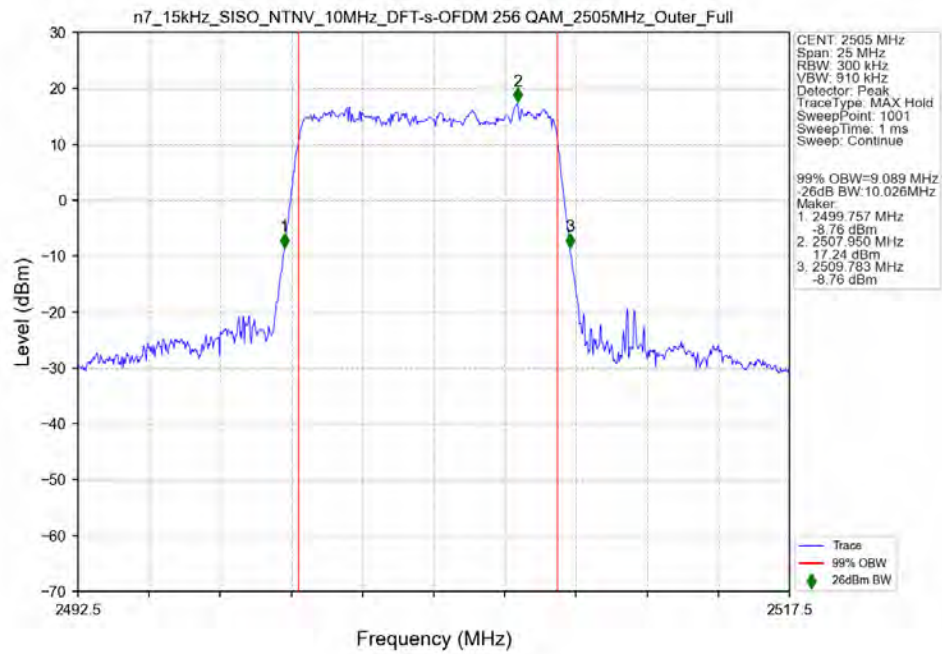
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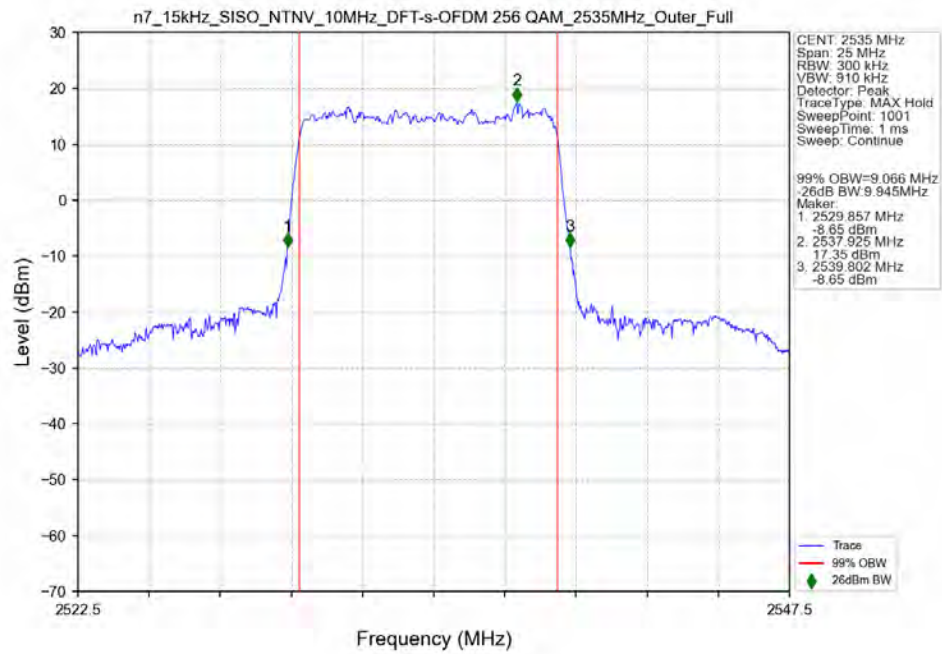
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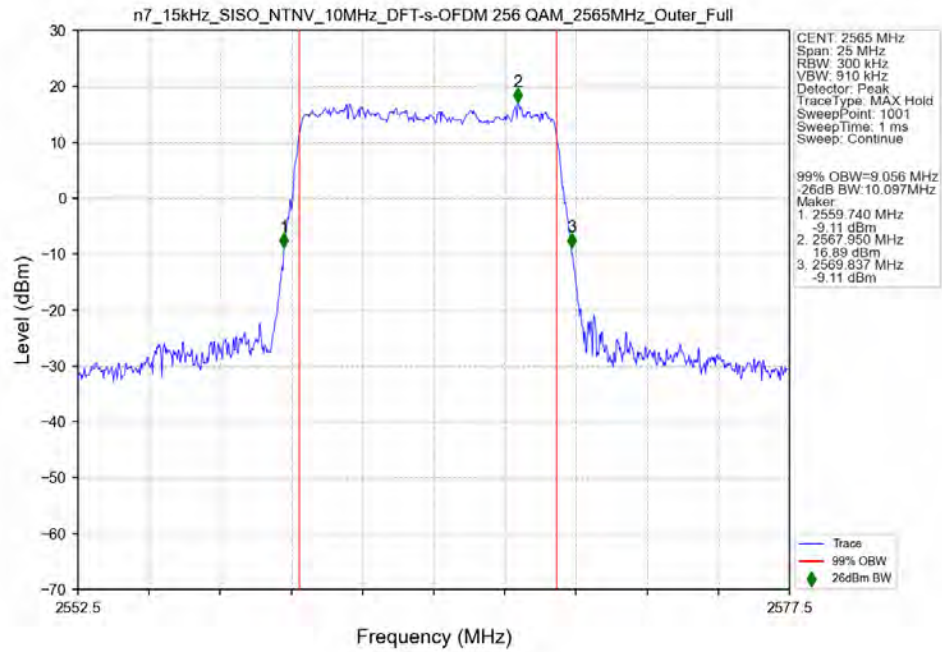
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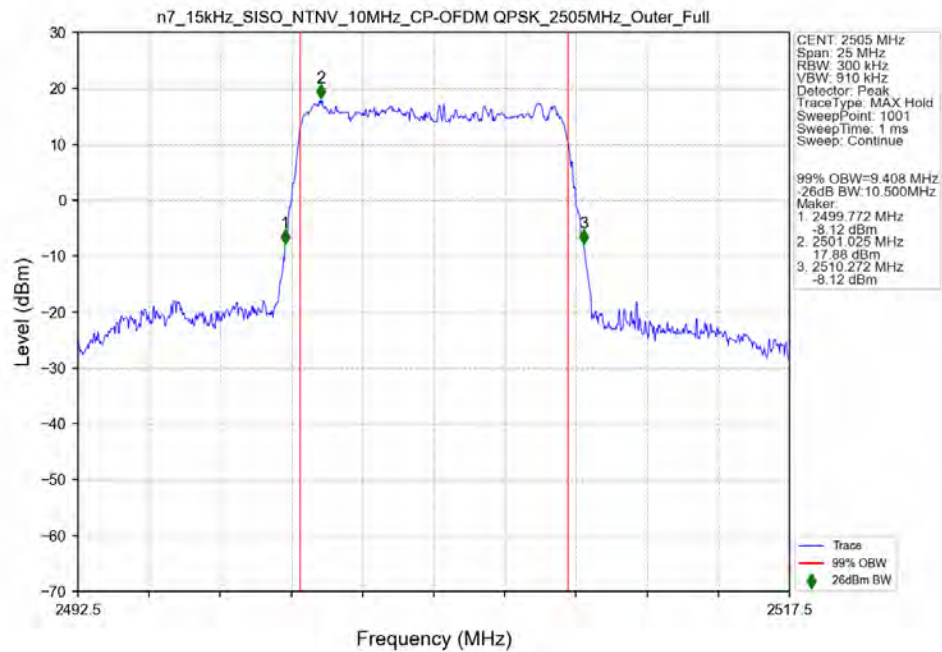
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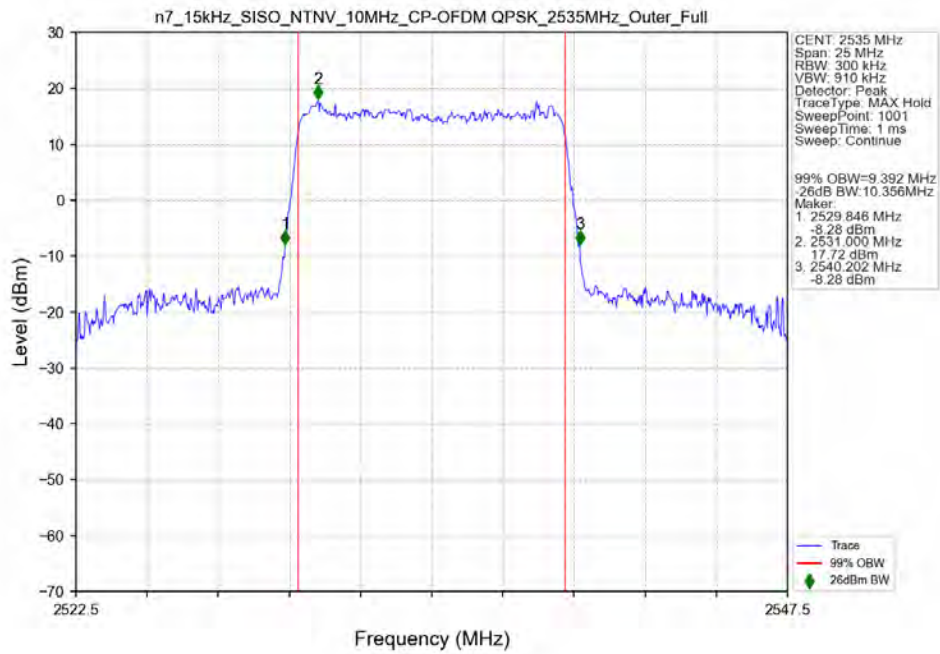
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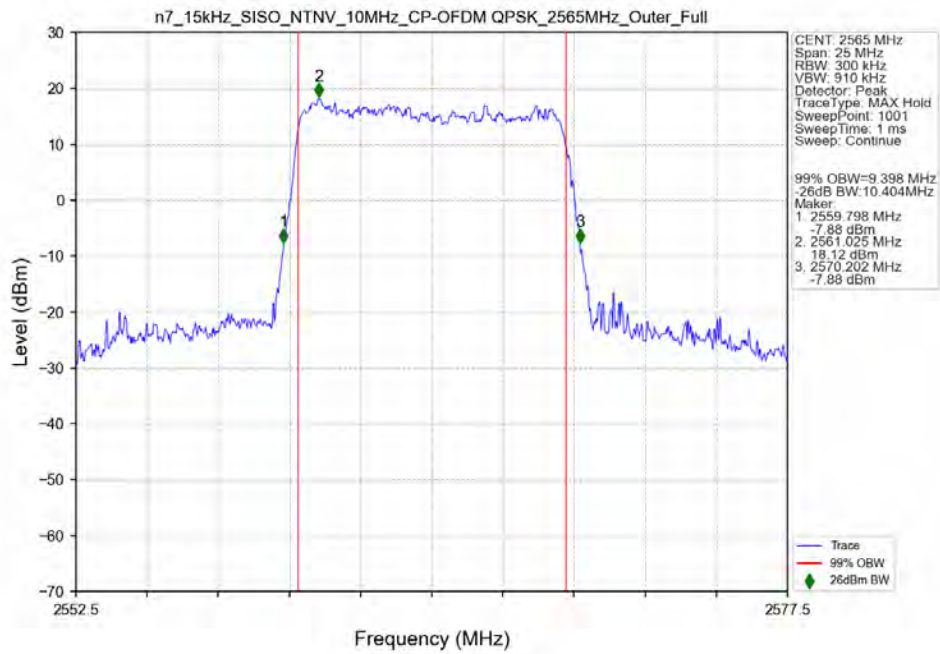
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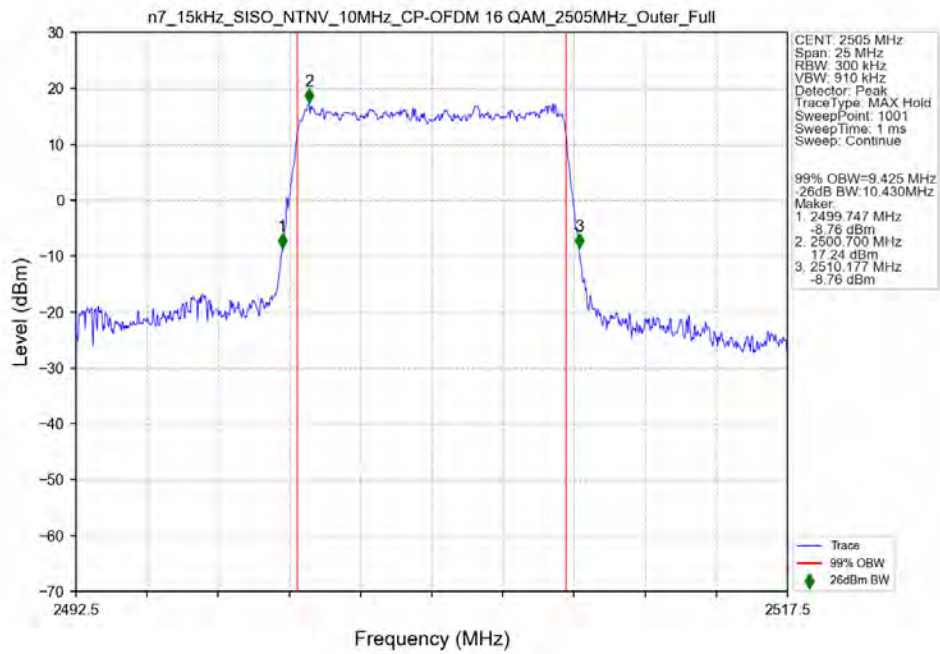
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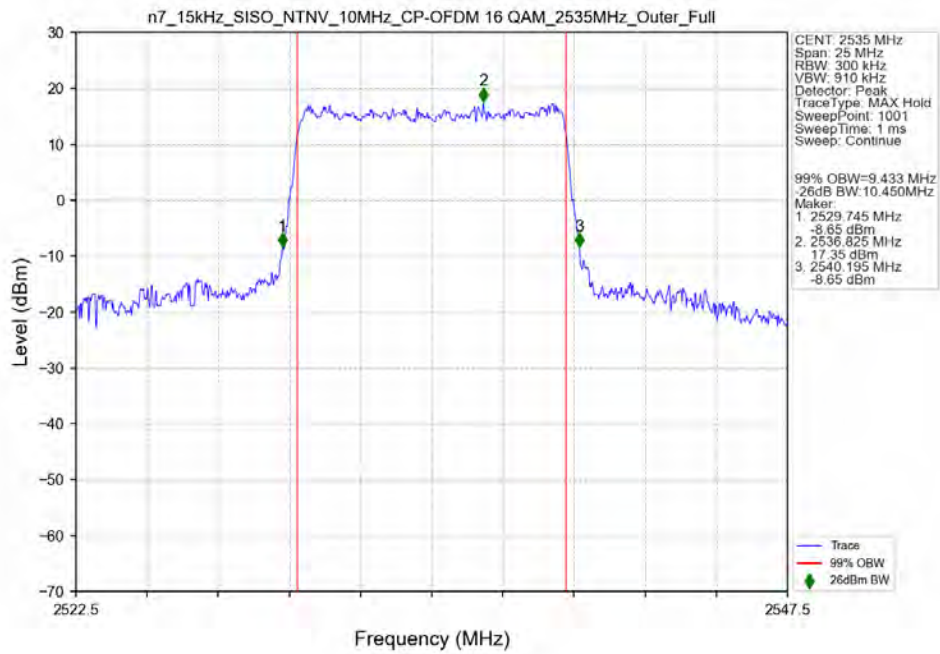
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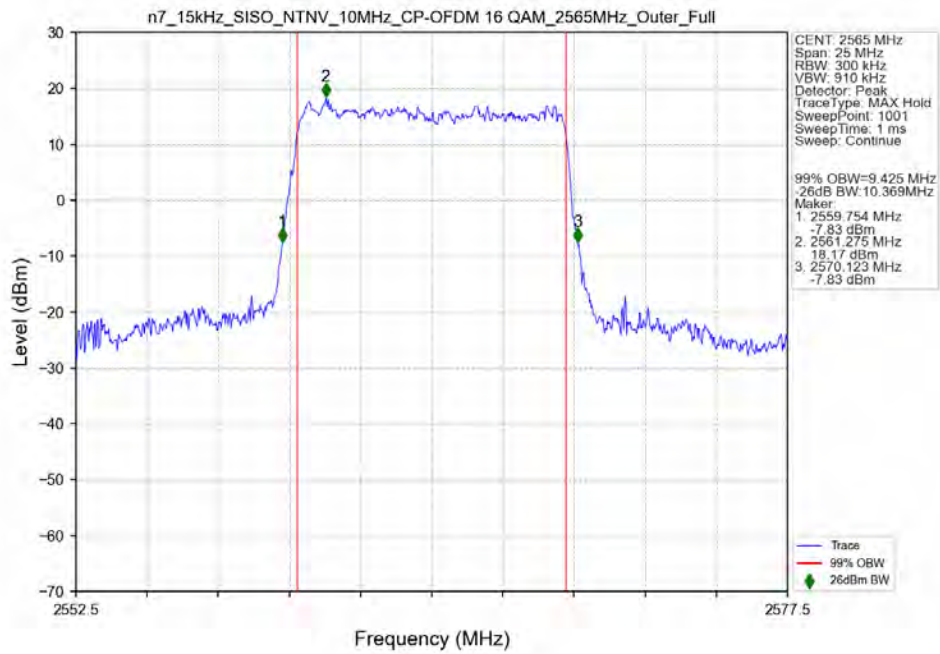
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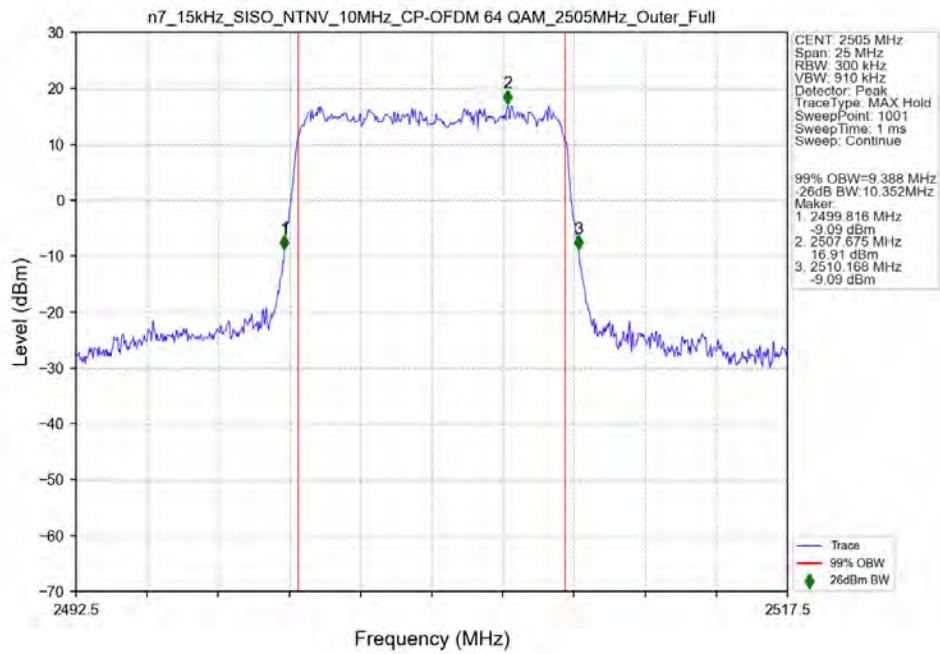
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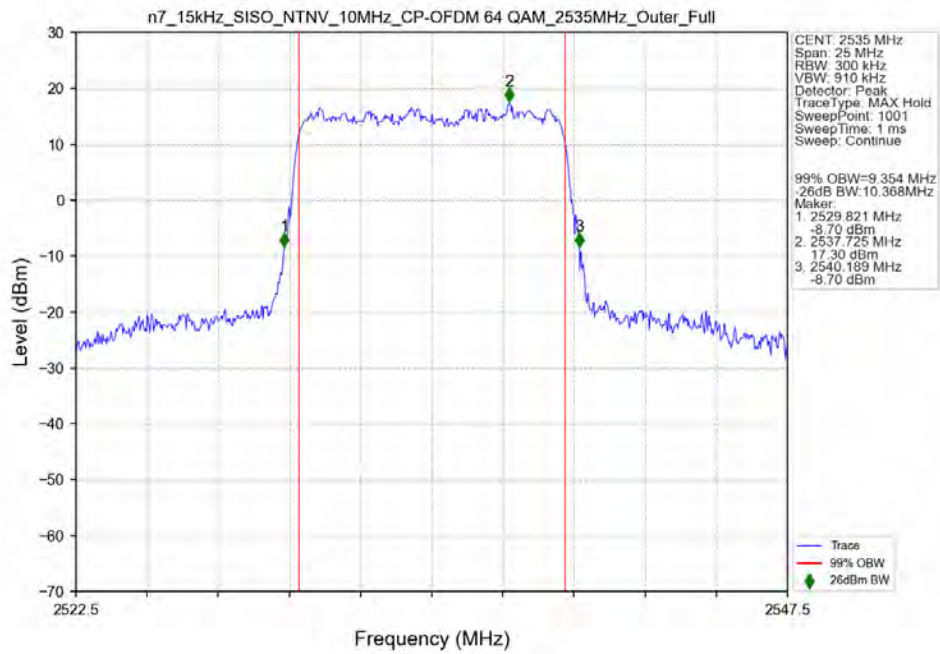
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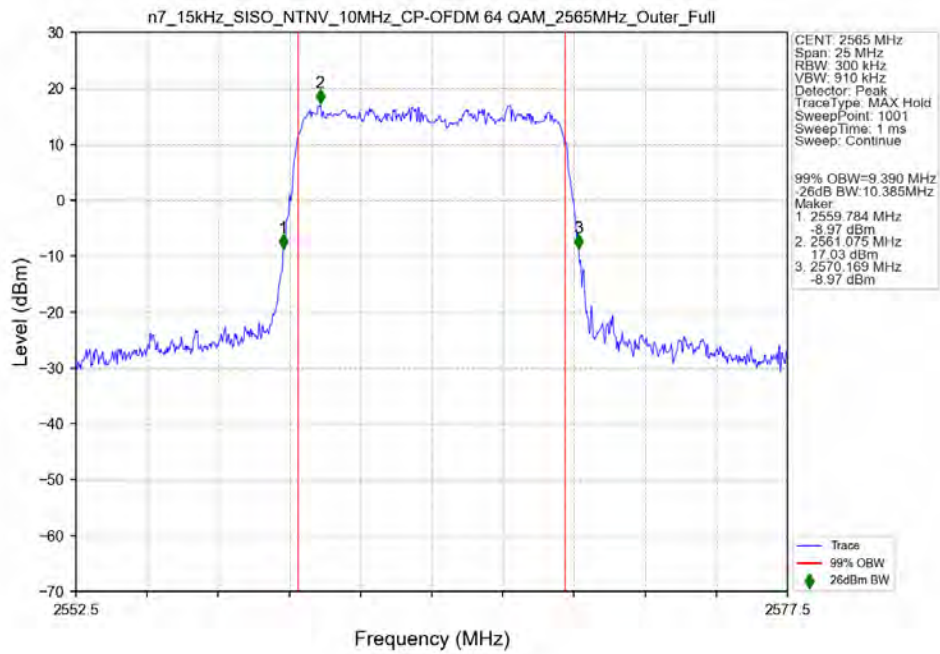
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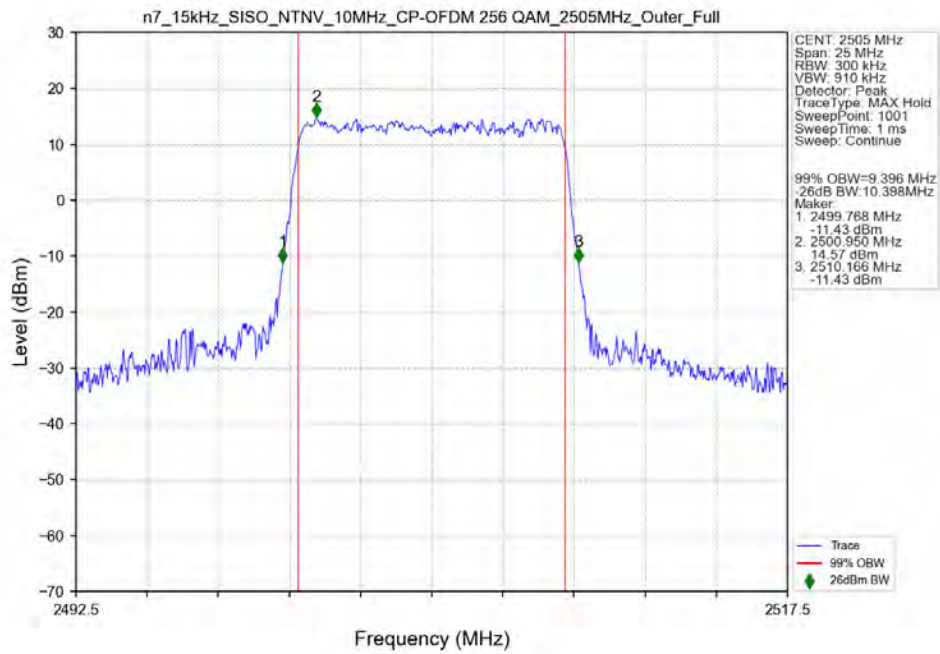
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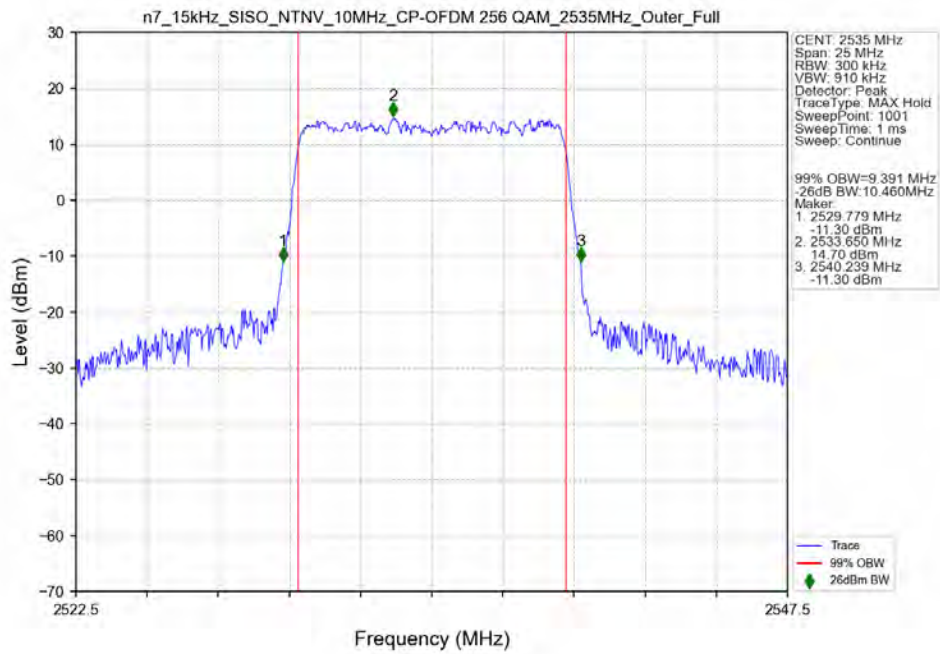
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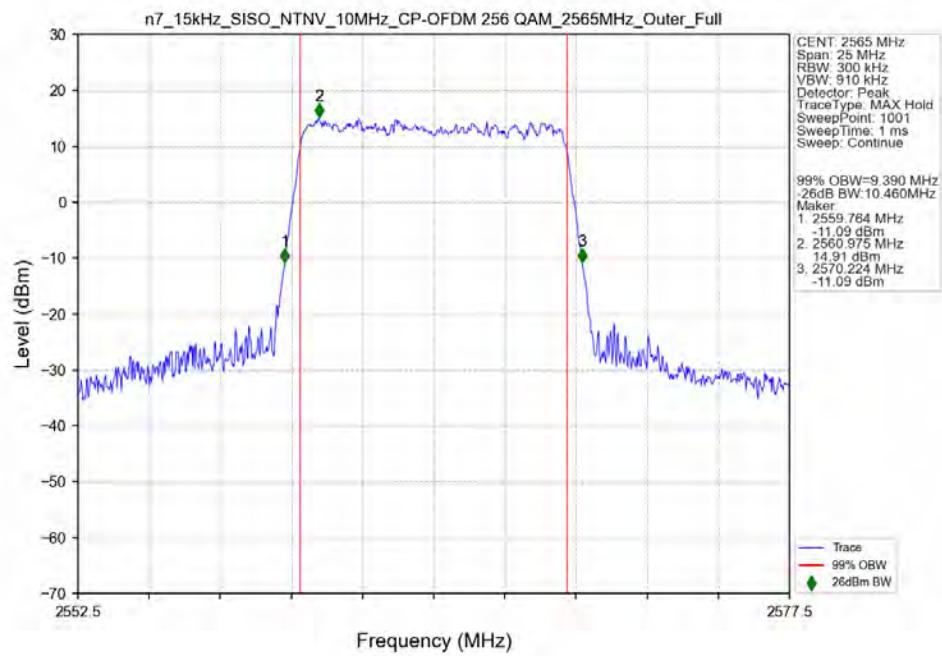
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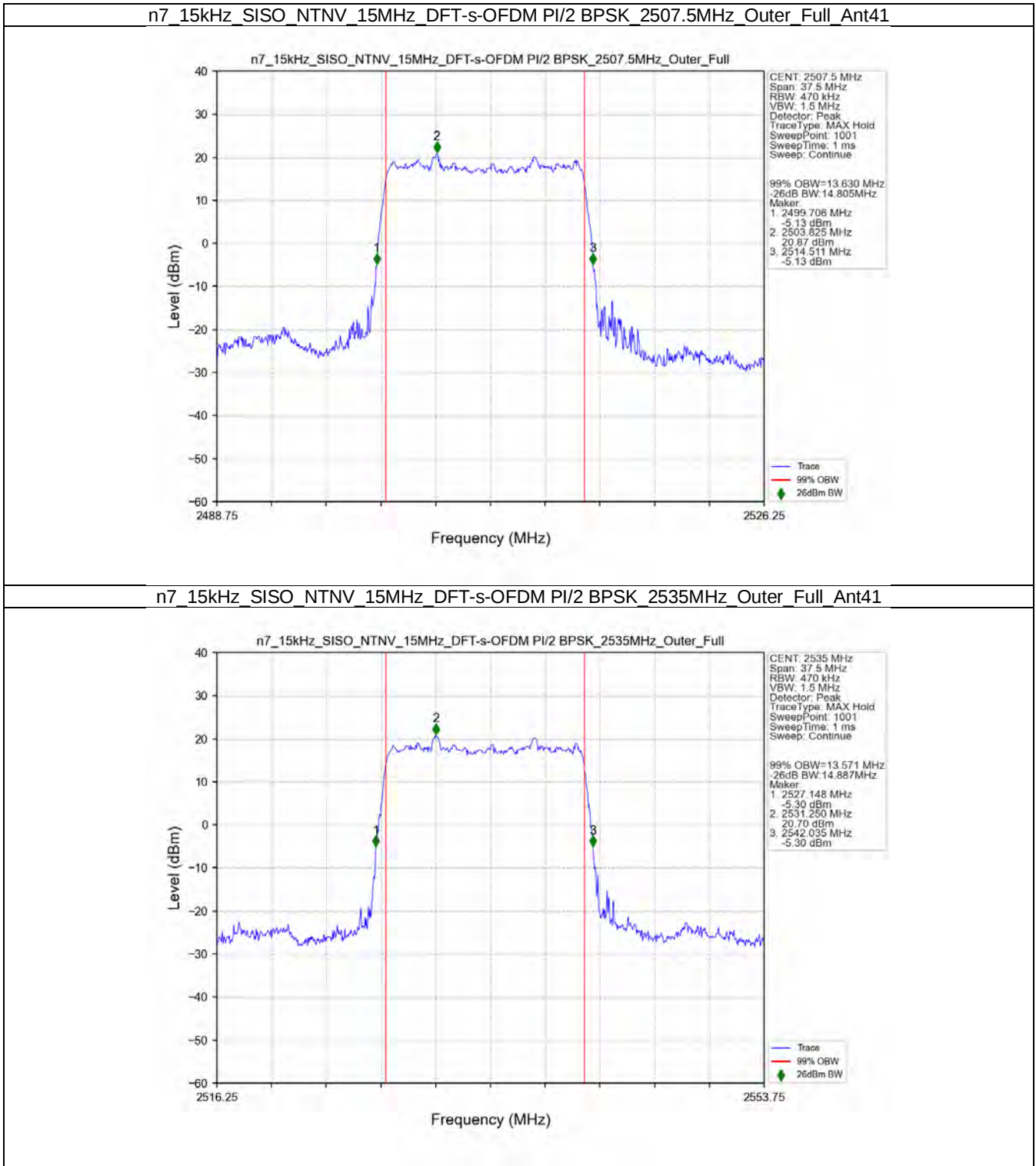
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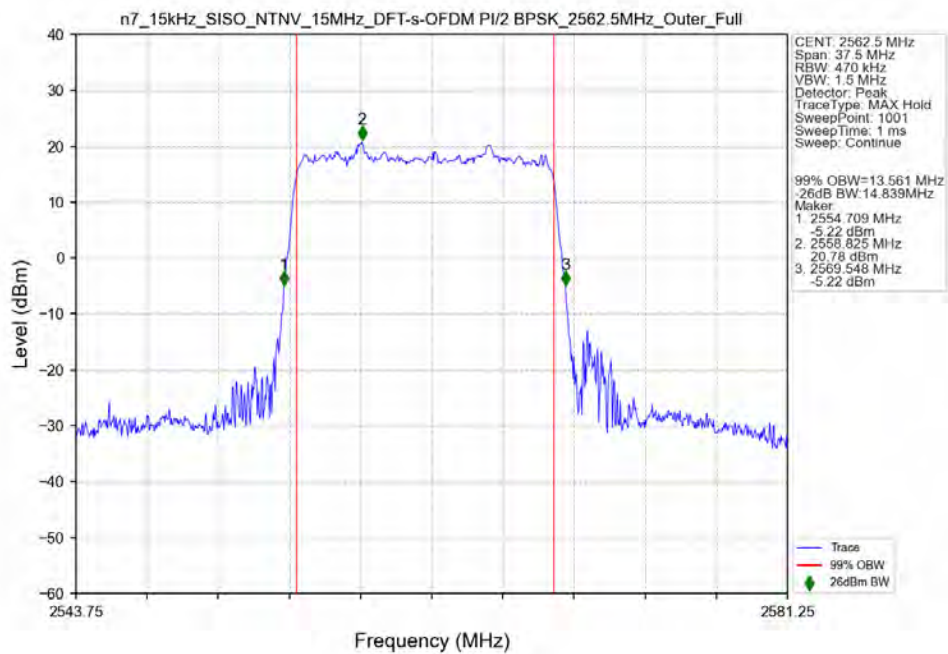
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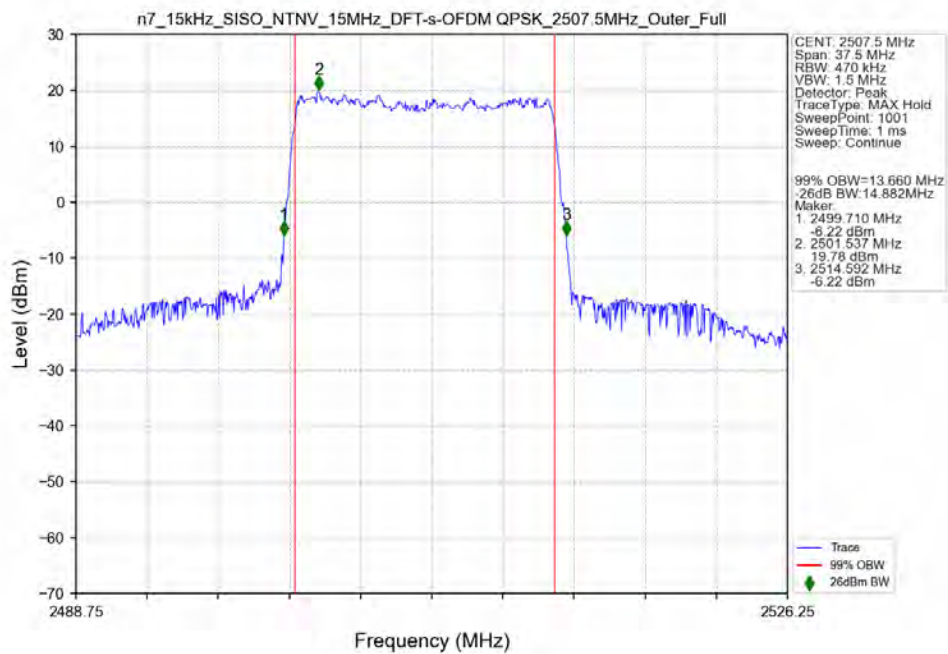
3.2.3 15k_SISO_15MHz_NTNV



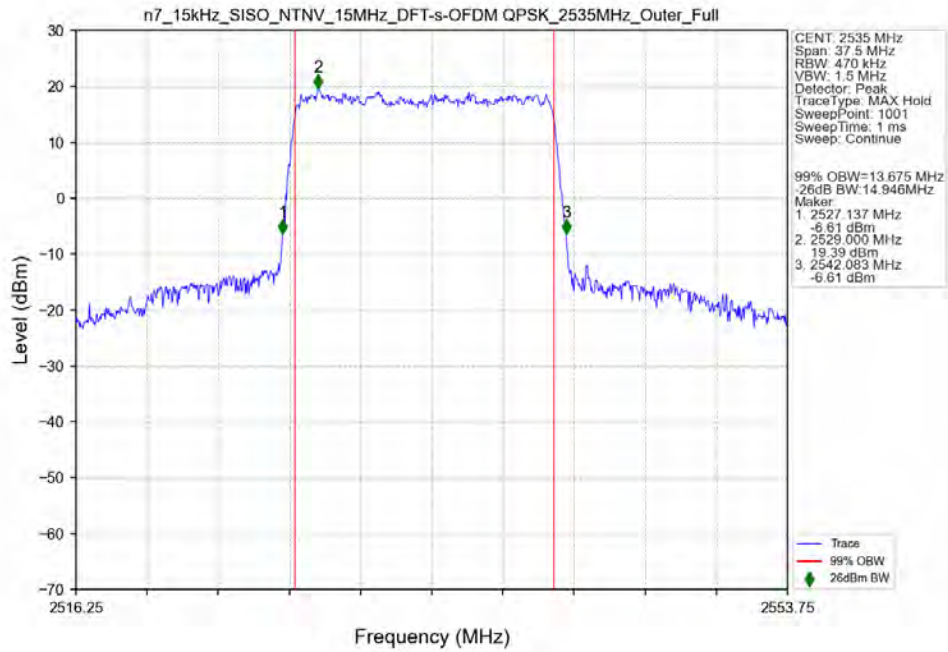
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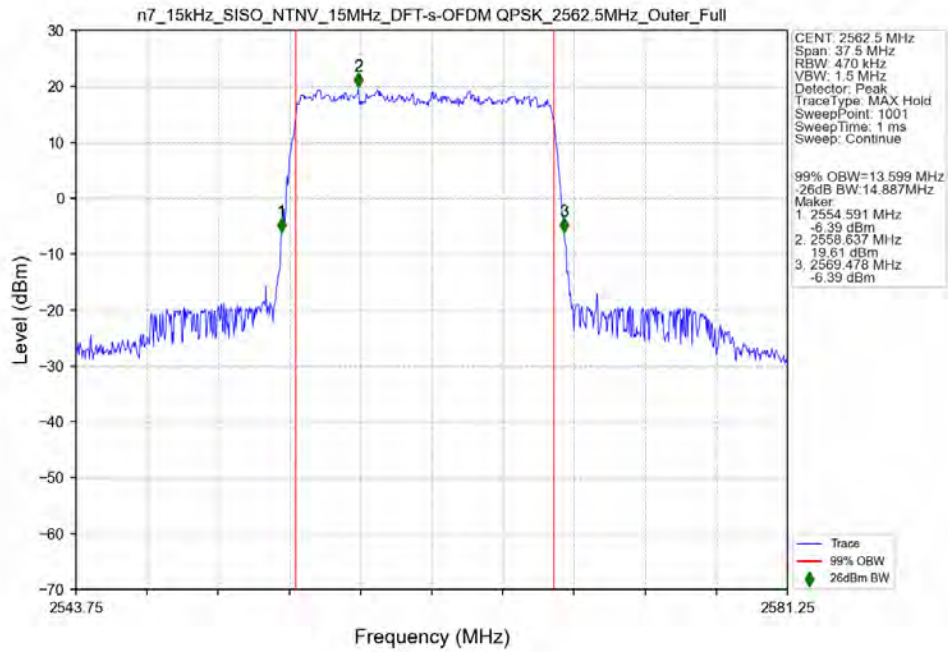
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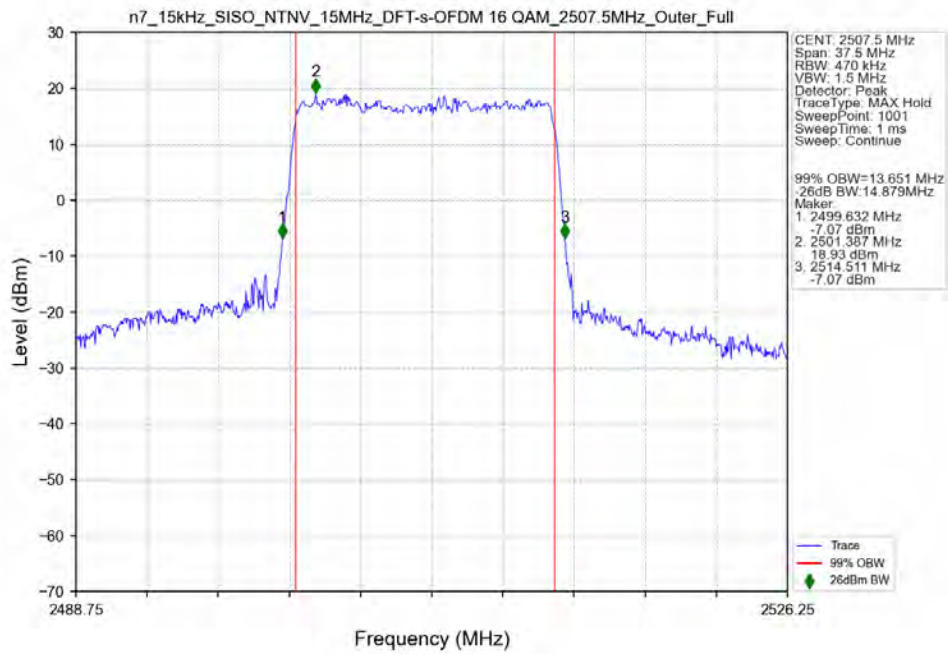
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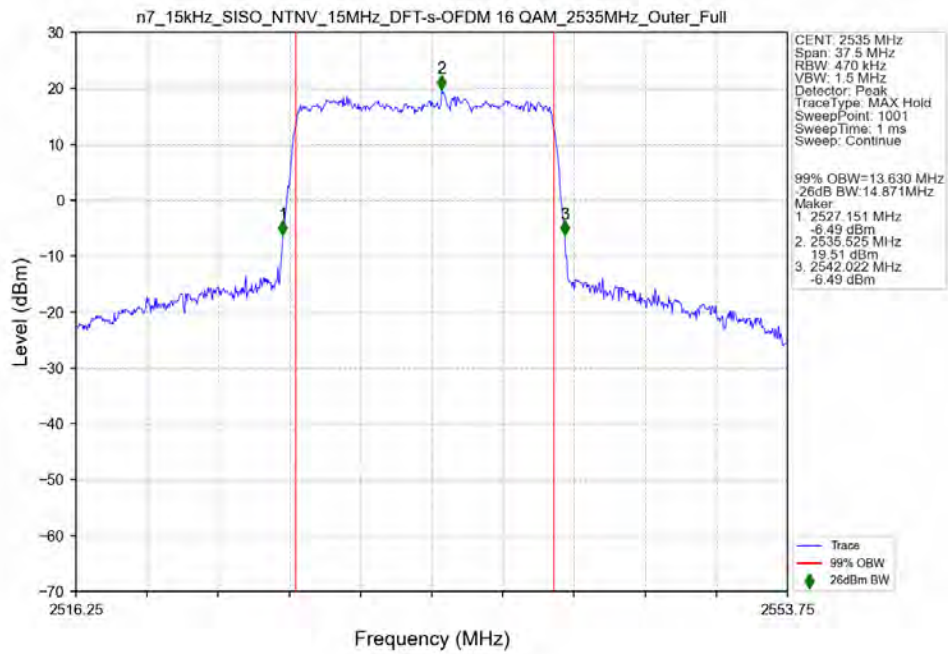
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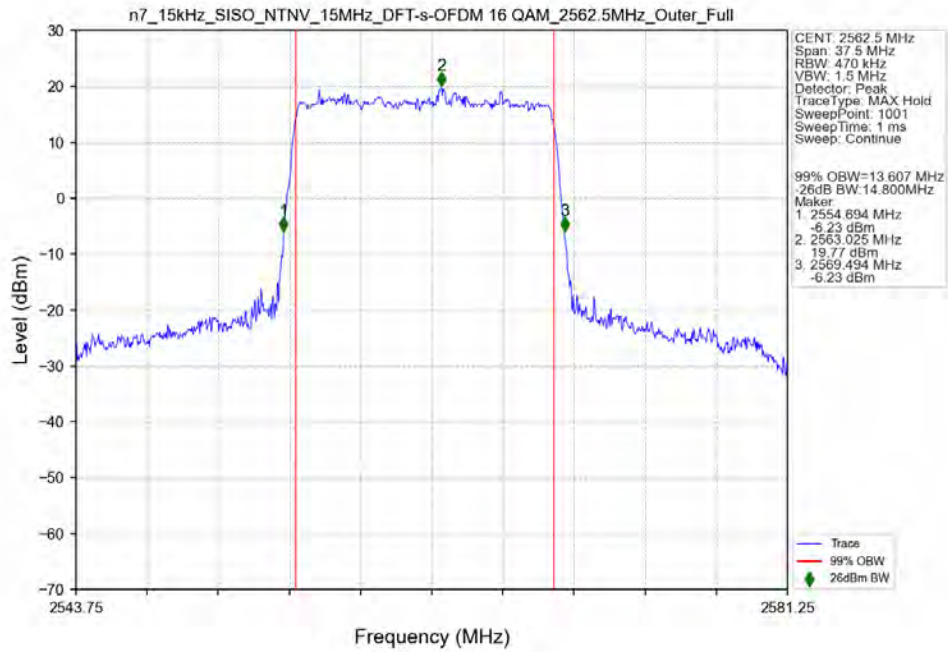
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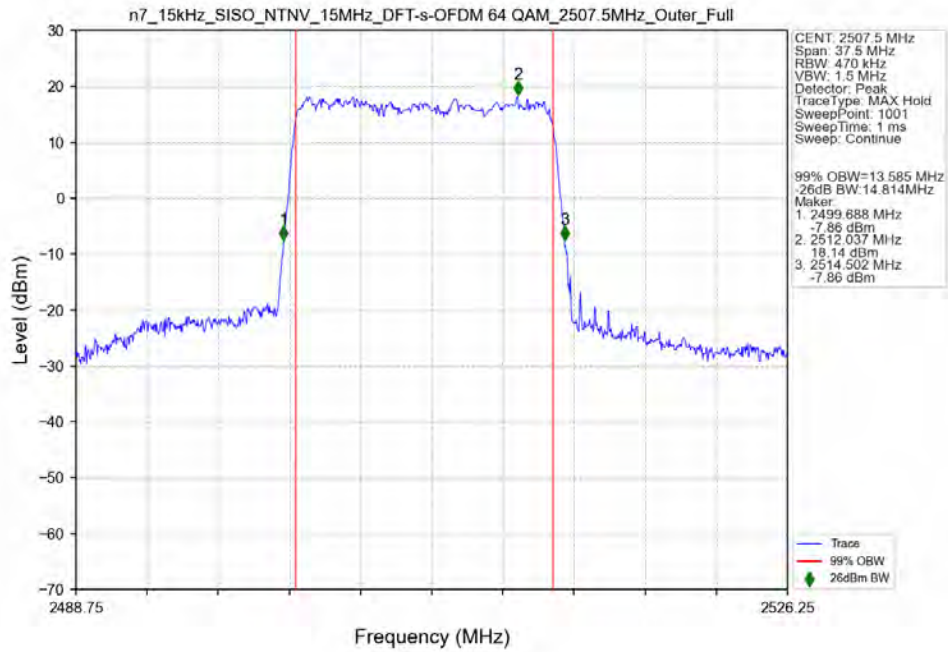
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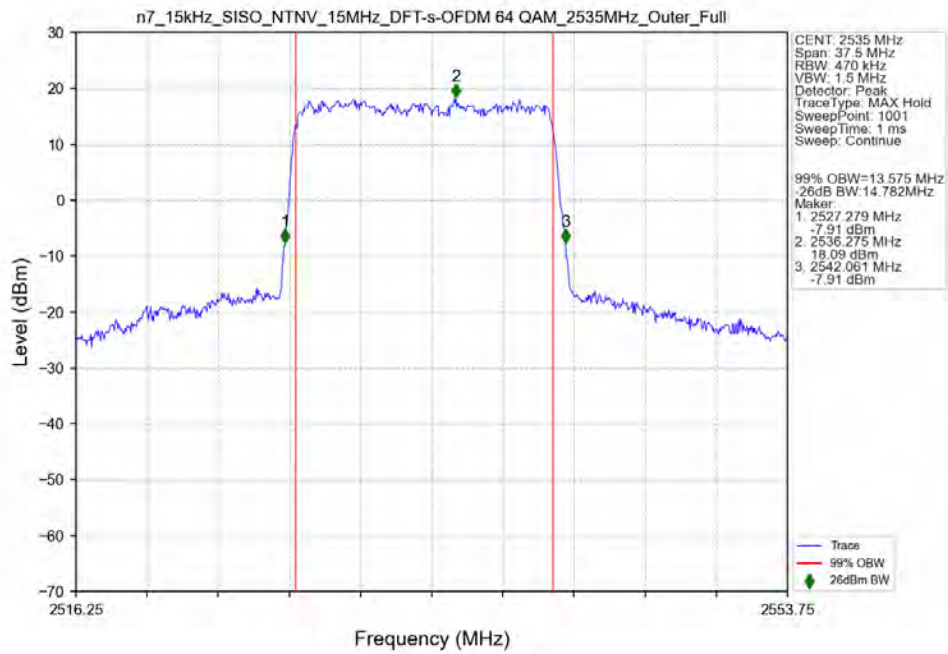
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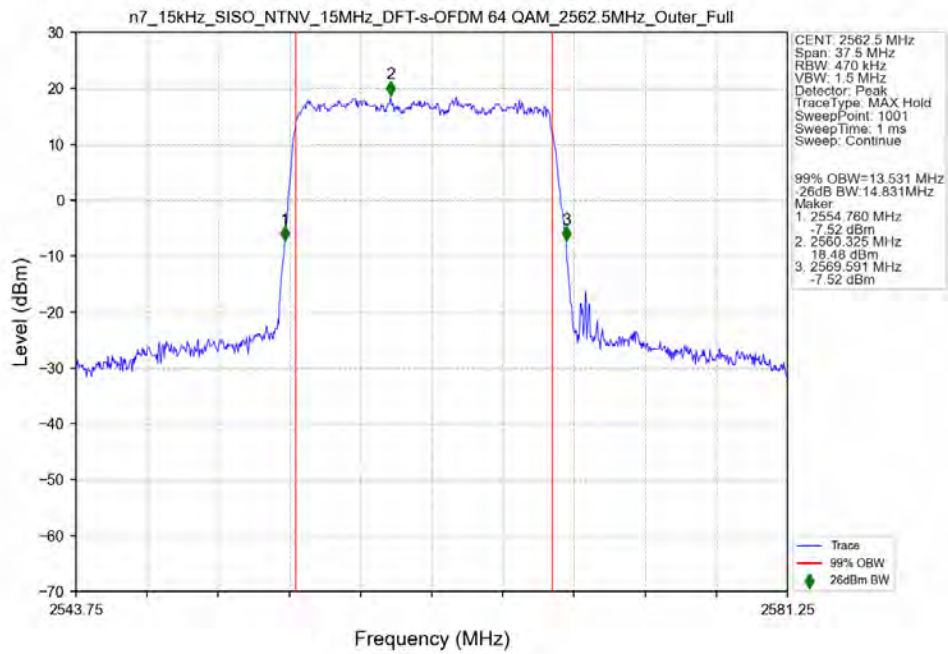
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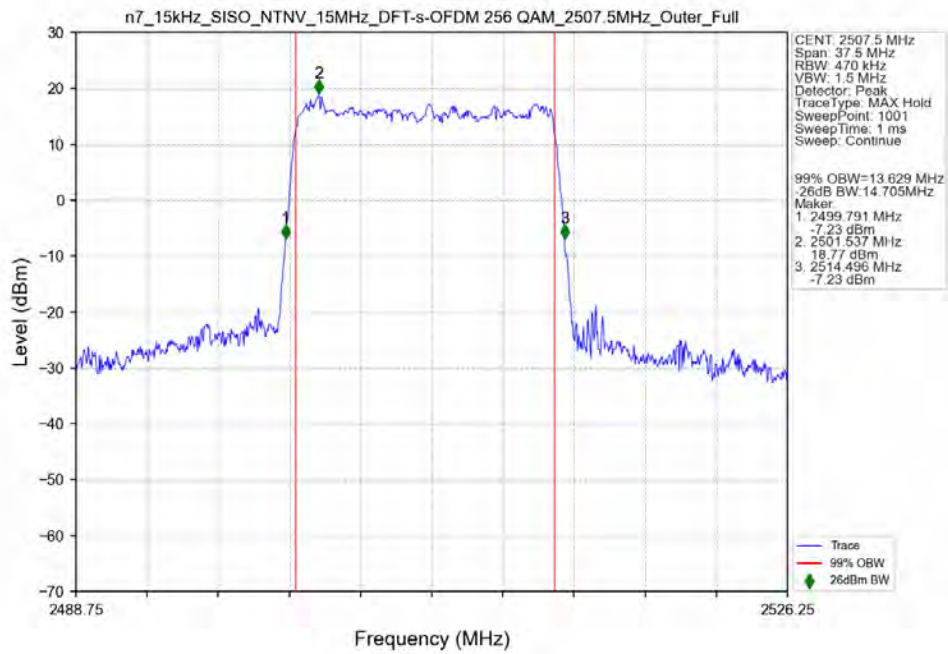
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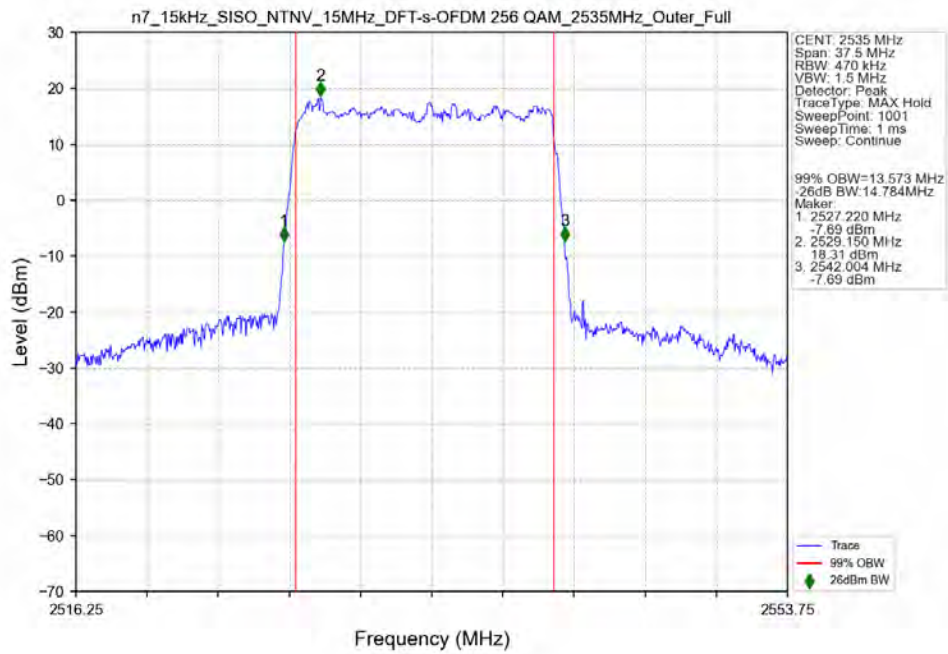
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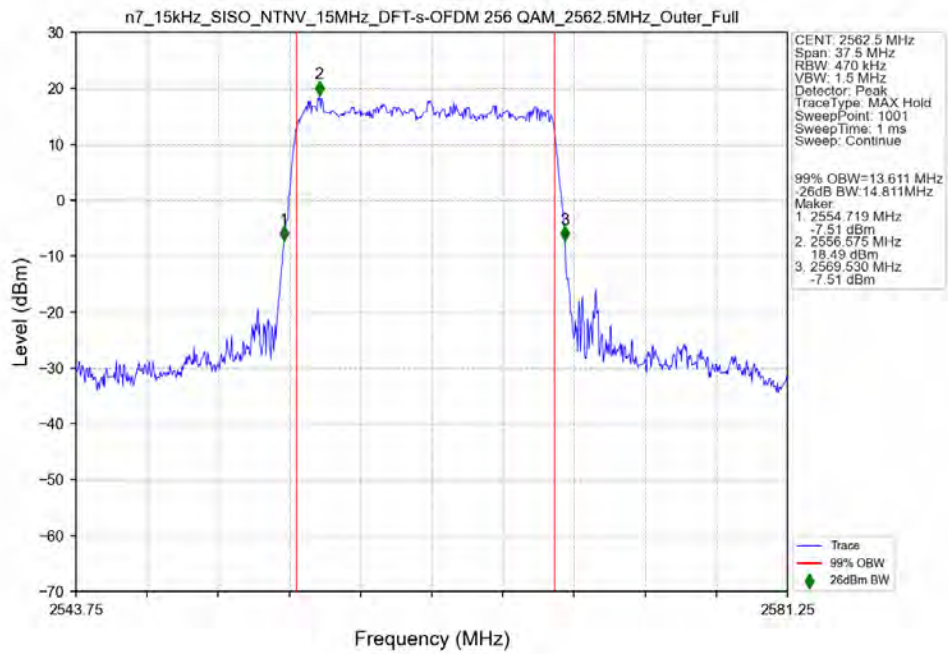
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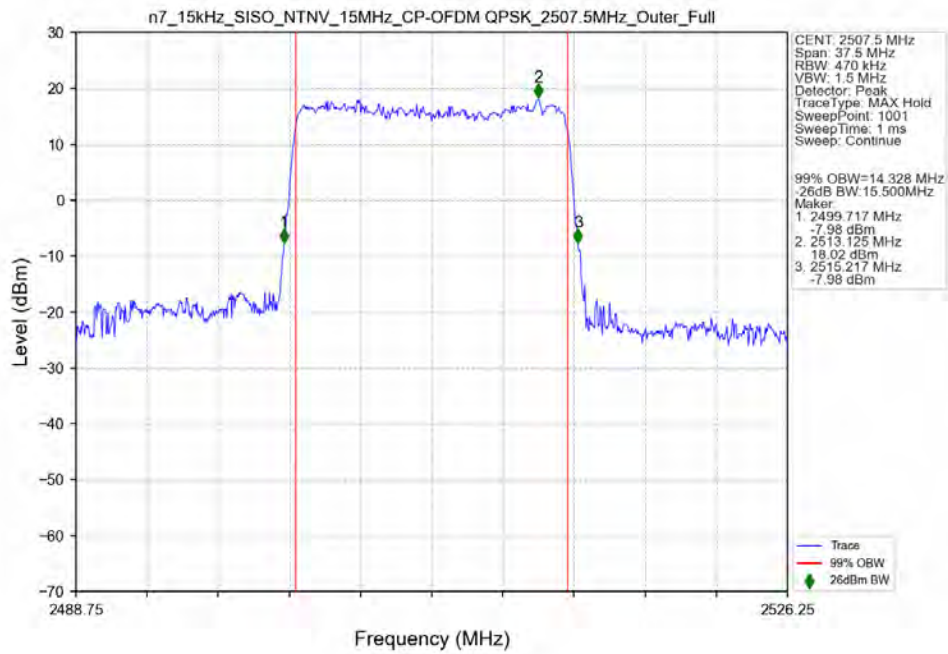
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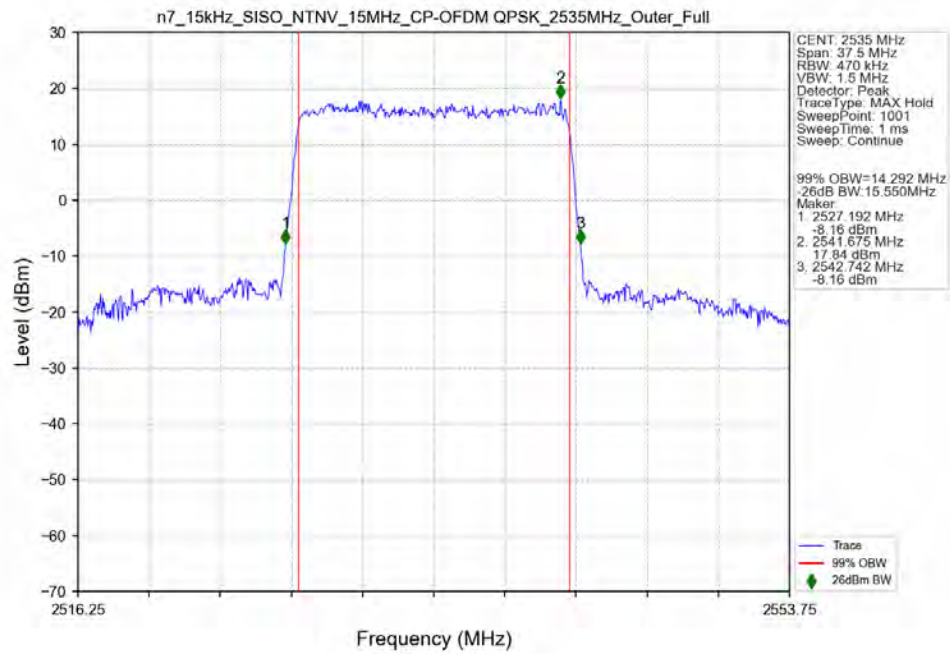
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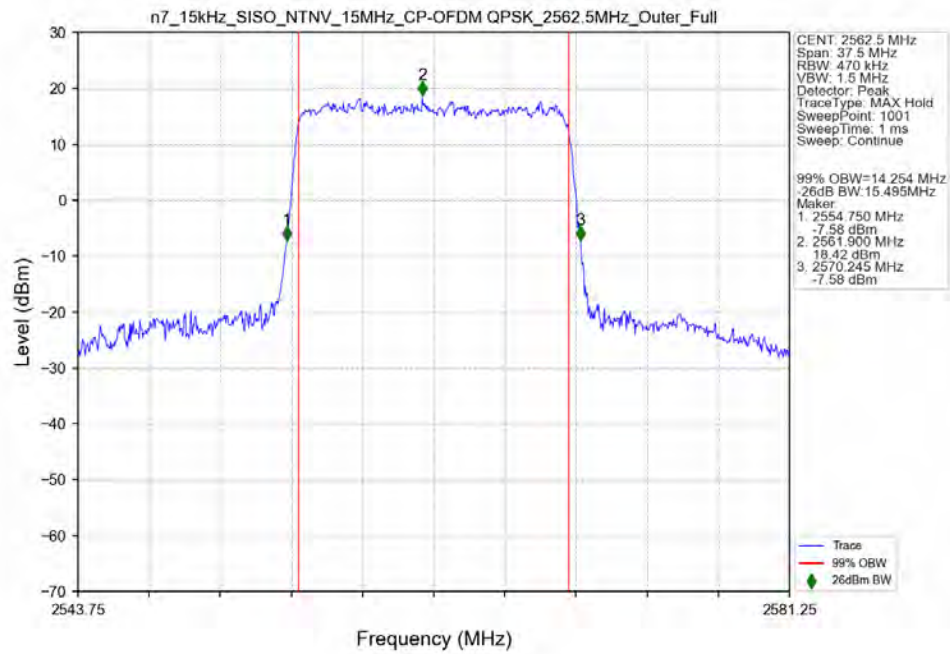
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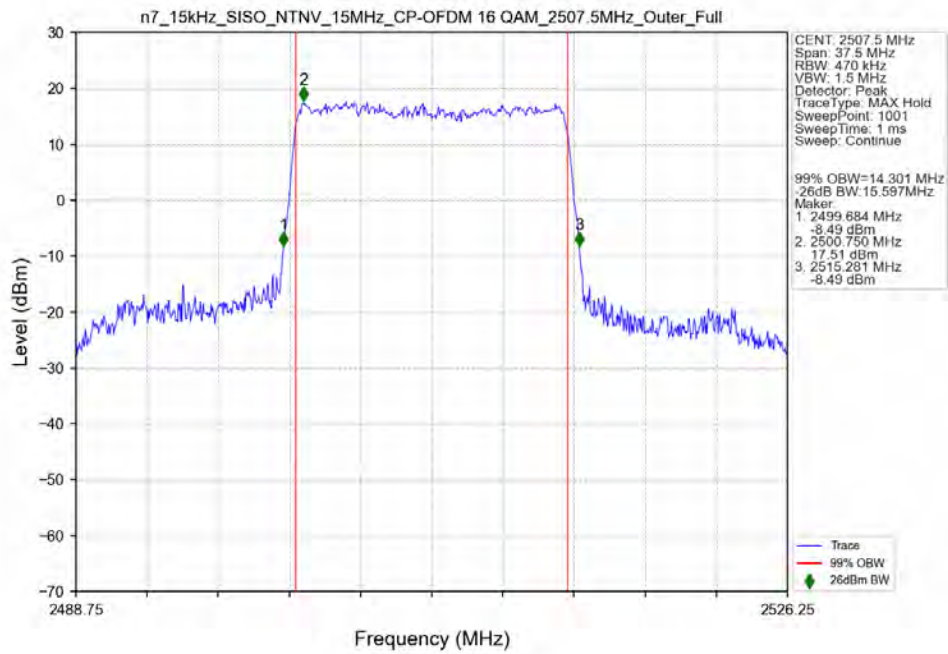
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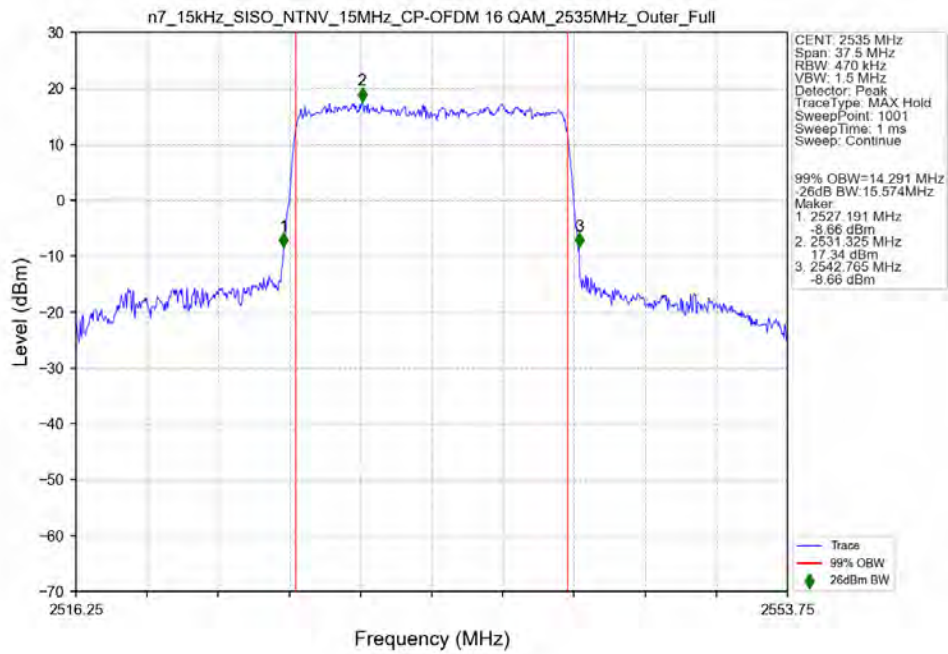
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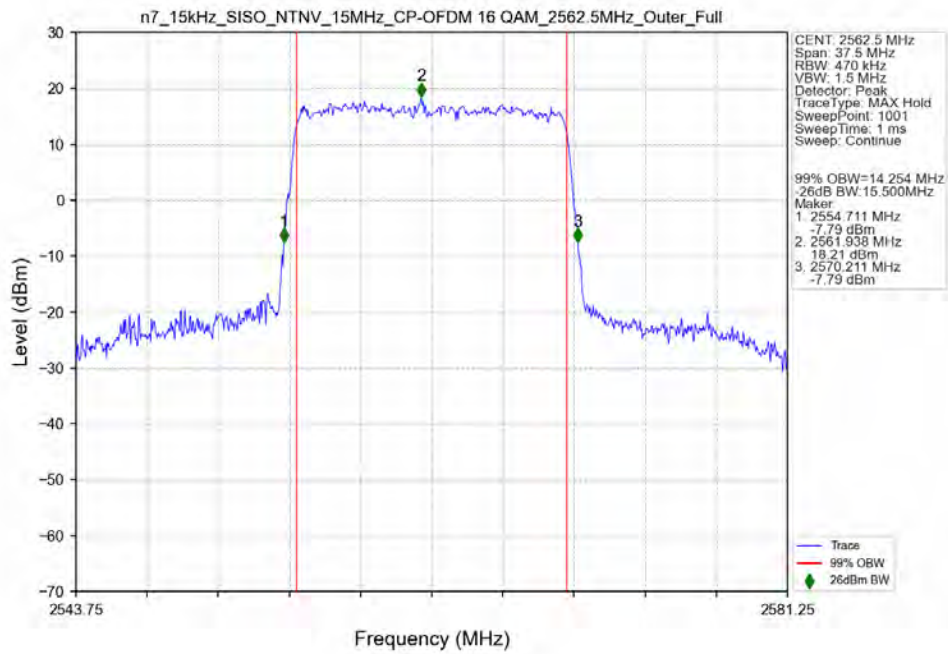
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n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_2535MHz_Outer_Full_Ant41



n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 2562.5MHz_Outer_Full_Ant41



n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 2507.5MHz_Outer_Full_Ant41

