



Report No.: SUCR260400031710

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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2580	Edge_1RB_Left	22.24	/	/	21.20	/	/	<=33.01	Pass
		Edge_1RB_Right	22.25	/	/	21.21	/	/	<=33.01	Pass
		Outer_Full	22.33	/	/	21.29	/	/	<=33.01	Pass
		Inner_Full	22.70	/	/	21.66	/	/	<=33.01	Pass
		Inner_1RB_Left	22.63	/	/	21.59	/	/	<=33.01	Pass
		Inner_1RB_Right	22.75	/	/	21.71	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	22.07	/	/	21.03	/	/	<=33.01	Pass
		Edge_1RB_Right	22.16	/	/	21.12	/	/	<=33.01	Pass
		Outer_Full	22.17	/	/	21.13	/	/	<=33.01	Pass
		Inner_Full	22.66	/	/	21.62	/	/	<=33.01	Pass
		Inner_1RB_Left	22.54	/	/	21.50	/	/	<=33.01	Pass
		Inner_1RB_Right	22.64	/	/	21.60	/	/	<=33.01	Pass
	2610	Edge_1RB_Left	22.10	/	/	21.06	/	/	<=33.01	Pass
		Edge_1RB_Right	22.24	/	/	21.20	/	/	<=33.01	Pass
		Outer_Full	22.35	/	/	21.31	/	/	<=33.01	Pass
		Inner_Full	22.73	/	/	21.69	/	/	<=33.01	Pass
		Inner_1RB_Left	22.63	/	/	21.59	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	2580	Inner_1RB_Right	22.80	/	/	21.76	/	/	<=33.01	Pass
		Edge_1RB_Left	21.52	/	/	20.48	/	/	<=33.01	Pass
		Edge_1RB_Right	21.66	/	/	20.62	/	/	<=33.01	Pass
		Outer_Full	21.86	/	/	20.82	/	/	<=33.01	Pass
		Inner_Full	22.70	/	/	21.66	/	/	<=33.01	Pass
		Inner_1RB_Left	22.64	/	/	21.60	/	/	<=33.01	Pass
	2595	Inner_1RB_Right	22.60	/	/	21.56	/	/	<=33.01	Pass
		Edge_1RB_Left	21.49	/	/	20.45	/	/	<=33.01	Pass
		Edge_1RB_Right	21.63	/	/	20.59	/	/	<=33.01	Pass
		Outer_Full	21.75	/	/	20.71	/	/	<=33.01	Pass
		Inner_Full	22.80	/	/	21.76	/	/	<=33.01	Pass
	2610	Inner_1RB_Left	22.48	/	/	21.44	/	/	<=33.01	Pass
		Inner_1RB_Right	22.47	/	/	21.43	/	/	<=33.01	Pass
		Edge_1RB_Left	21.53	/	/	20.49	/	/	<=33.01	Pass
		Edge_1RB_Right	21.61	/	/	20.57	/	/	<=33.01	Pass
		Outer_Full	21.71	/	/	20.67	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	2580	Inner_Full	22.74	/	/	21.70	/	/	<=33.01	Pass
		Inner_1RB_Left	22.53	/	/	21.49	/	/	<=33.01	Pass
		Inner_1RB_Right	22.68	/	/	21.64	/	/	<=33.01	Pass
		Edge_1RB_Left	20.46	/	/	19.42	/	/	<=33.01	Pass
		Edge_1RB_Right	20.59	/	/	19.55	/	/	<=33.01	Pass
		Outer_Full	20.75	/	/	19.71	/	/	<=33.01	Pass
		Inner_Full	21.82	/	/	20.78	/	/	<=33.01	Pass
		Inner_1RB_Left	21.49	/	/	20.45	/	/	<=33.01	Pass

	2595	Inner 1RB Right	21.46	/	/	20.42	/	/	<=33.01	Pass
		Edge 1RB Left	20.38	/	/	19.34	/	/	<=33.01	Pass
		Edge 1RB Right	20.44	/	/	19.40	/	/	<=33.01	Pass
		Outer Full	20.69	/	/	19.65	/	/	<=33.01	Pass
		Inner Full	21.78	/	/	20.74	/	/	<=33.01	Pass
		Inner 1RB Left	21.31	/	/	20.27	/	/	<=33.01	Pass
	2610	Inner 1RB Right	21.51	/	/	20.47	/	/	<=33.01	Pass
		Edge 1RB Left	20.52	/	/	19.48	/	/	<=33.01	Pass
		Edge 1RB Right	20.55	/	/	19.51	/	/	<=33.01	Pass
		Outer Full	20.68	/	/	19.64	/	/	<=33.01	Pass
		Inner Full	21.72	/	/	20.68	/	/	<=33.01	Pass
		Inner 1RB Left	21.38	/	/	20.34	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	2580	Inner 1RB Right	21.47	/	/	20.43	/	/	<=33.01	Pass
		Edge 1RB Left	20.14	/	/	19.10	/	/	<=33.01	Pass
		Edge 1RB Right	20.28	/	/	19.24	/	/	<=33.01	Pass
		Outer Full	20.29	/	/	19.25	/	/	<=33.01	Pass
		Inner Full	20.37	/	/	19.33	/	/	<=33.01	Pass
		Inner 1RB Left	20.28	/	/	19.24	/	/	<=33.01	Pass
	2595	Inner 1RB Right	20.22	/	/	19.18	/	/	<=33.01	Pass
		Edge 1RB Left	20.23	/	/	19.19	/	/	<=33.01	Pass
		Edge 1RB Right	20.28	/	/	19.24	/	/	<=33.01	Pass
		Outer Full	20.29	/	/	19.25	/	/	<=33.01	Pass
		Inner Full	20.29	/	/	19.25	/	/	<=33.01	Pass
		Inner 1RB Left	20.22	/	/	19.18	/	/	<=33.01	Pass
	2610	Inner 1RB Right	20.29	/	/	19.25	/	/	<=33.01	Pass
		Edge 1RB Left	20.22	/	/	19.18	/	/	<=33.01	Pass
		Edge 1RB Right	20.33	/	/	19.29	/	/	<=33.01	Pass
		Outer Full	20.19	/	/	19.15	/	/	<=33.01	Pass
		Inner Full	20.22	/	/	19.18	/	/	<=33.01	Pass
		Inner 1RB Left	20.40	/	/	19.36	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	2580	Inner 1RB Right	20.34	/	/	19.30	/	/	<=33.01	Pass
		Edge 1RB Left	18.05	/	/	17.01	/	/	<=33.01	Pass
		Edge 1RB Right	18.12	/	/	17.08	/	/	<=33.01	Pass
		Outer Full	18.27	/	/	17.23	/	/	<=33.01	Pass
		Inner Full	18.27	/	/	17.23	/	/	<=33.01	Pass
		Inner 1RB Left	17.99	/	/	16.95	/	/	<=33.01	Pass
	2595	Inner 1RB Right	18.20	/	/	17.16	/	/	<=33.01	Pass
		Edge 1RB Left	17.78	/	/	16.74	/	/	<=33.01	Pass
		Edge 1RB Right	18.03	/	/	16.99	/	/	<=33.01	Pass
		Outer Full	18.21	/	/	17.17	/	/	<=33.01	Pass
		Inner Full	18.25	/	/	17.21	/	/	<=33.01	Pass
		Inner 1RB Left	17.91	/	/	16.87	/	/	<=33.01	Pass
	2610	Inner 1RB Right	17.96	/	/	16.92	/	/	<=33.01	Pass
		Edge 1RB Left	18.03	/	/	16.99	/	/	<=33.01	Pass
		Edge 1RB Right	18.01	/	/	16.97	/	/	<=33.01	Pass
		Outer Full	18.20	/	/	17.16	/	/	<=33.01	Pass
		Inner Full	18.35	/	/	17.31	/	/	<=33.01	Pass
		Inner 1RB Left	18.21	/	/	17.17	/	/	<=33.01	Pass
CP-OFDM QPSK	2580	Inner 1RB Right	17.98	/	/	16.94	/	/	<=33.01	Pass
		Edge 1RB Left	19.87	/	/	18.83	/	/	<=33.01	Pass
		Edge 1RB Right	19.91	/	/	18.87	/	/	<=33.01	Pass

		Outer_Full	19.84	/	/	18.80	/	/	<=33.01	Pass
		Inner_Full	21.26	/	/	20.22	/	/	<=33.01	Pass
		Inner_1RB_Left	21.17	/	/	20.13	/	/	<=33.01	Pass
		Inner_1RB_Right	21.35	/	/	20.31	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	19.62	/	/	18.58	/	/	<=33.01	Pass
		Edge_1RB_Right	19.72	/	/	18.68	/	/	<=33.01	Pass
		Outer_Full	19.65	/	/	18.61	/	/	<=33.01	Pass
		Inner_Full	21.31	/	/	20.27	/	/	<=33.01	Pass
	2610	Inner_1RB_Left	21.14	/	/	20.10	/	/	<=33.01	Pass
		Inner_1RB_Right	21.26	/	/	20.22	/	/	<=33.01	Pass
		Edge_1RB_Left	19.85	/	/	18.81	/	/	<=33.01	Pass
		Edge_1RB_Right	20.01	/	/	18.97	/	/	<=33.01	Pass
CP-OFDM 16 QAM	2580	Outer_Full	19.80	/	/	18.76	/	/	<=33.01	Pass
		Inner_Full	21.26	/	/	20.22	/	/	<=33.01	Pass
		Inner_1RB_Left	21.26	/	/	20.22	/	/	<=33.01	Pass
		Inner_1RB_Right	21.41	/	/	20.37	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	19.59	/	/	18.55	/	/	<=33.01	Pass
		Edge_1RB_Right	19.59	/	/	18.55	/	/	<=33.01	Pass
		Outer_Full	19.71	/	/	18.67	/	/	<=33.01	Pass
		Inner_Full	20.77	/	/	19.73	/	/	<=33.01	Pass
	2610	Inner_1RB_Left	20.62	/	/	19.58	/	/	<=33.01	Pass
		Inner_1RB_Right	20.76	/	/	19.72	/	/	<=33.01	Pass
CP-OFDM 64 QAM	2580	Edge_1RB_Left	19.67	/	/	18.63	/	/	<=33.01	Pass
		Edge_1RB_Right	19.71	/	/	18.67	/	/	<=33.01	Pass
		Outer_Full	19.70	/	/	18.66	/	/	<=33.01	Pass
		Inner_Full	20.71	/	/	19.67	/	/	<=33.01	Pass
	2595	Inner_1RB_Left	20.57	/	/	19.53	/	/	<=33.01	Pass
		Inner_1RB_Right	20.71	/	/	19.67	/	/	<=33.01	Pass
		Edge_1RB_Left	19.71	/	/	18.67	/	/	<=33.01	Pass
		Edge_1RB_Right	19.78	/	/	18.74	/	/	<=33.01	Pass
	2610	Outer_Full	19.75	/	/	18.71	/	/	<=33.01	Pass
		Inner_Full	20.76	/	/	19.72	/	/	<=33.01	Pass
		Inner_1RB_Left	20.46	/	/	19.42	/	/	<=33.01	Pass
		Inner_1RB_Right	20.82	/	/	19.78	/	/	<=33.01	Pass
CP-OFDM 64 QAM	2580	Edge_1RB_Left	19.33	/	/	18.29	/	/	<=33.01	Pass
		Edge_1RB_Right	19.43	/	/	18.39	/	/	<=33.01	Pass
		Outer_Full	19.27	/	/	18.23	/	/	<=33.01	Pass
		Inner_Full	19.34	/	/	18.30	/	/	<=33.01	Pass
	2595	Inner_1RB_Left	19.37	/	/	18.33	/	/	<=33.01	Pass
		Inner_1RB_Right	19.43	/	/	18.39	/	/	<=33.01	Pass
		Edge_1RB_Left	19.20	/	/	18.16	/	/	<=33.01	Pass
		Edge_1RB_Right	19.52	/	/	18.48	/	/	<=33.01	Pass
	2610	Outer_Full	19.15	/	/	18.11	/	/	<=33.01	Pass
		Inner_Full	19.20	/	/	18.16	/	/	<=33.01	Pass
		Inner_1RB_Left	19.19	/	/	18.15	/	/	<=33.01	Pass
		Inner_1RB_Right	19.34	/	/	18.30	/	/	<=33.01	Pass
	2580	Edge_1RB_Left	19.35	/	/	18.31	/	/	<=33.01	Pass
		Edge_1RB_Right	19.26	/	/	18.22	/	/	<=33.01	Pass
		Outer_Full	19.29	/	/	18.25	/	/	<=33.01	Pass
		Inner_Full	19.16	/	/	18.12	/	/	<=33.01	Pass
	2595	Inner_1RB_Left	19.35	/	/	18.31	/	/	<=33.01	Pass
		Inner_1RB_Right	19.35	/	/	18.31	/	/	<=33.01	Pass
		Edge_1RB_Left	19.35	/	/	18.31	/	/	<=33.01	Pass
		Edge_1RB_Right	19.35	/	/	18.31	/	/	<=33.01	Pass
	2610	Outer_Full	19.35	/	/	18.31	/	/	<=33.01	Pass
		Inner_Full	19.35	/	/	18.31	/	/	<=33.01	Pass
		Inner_1RB_Left	19.35	/	/	18.31	/	/	<=33.01	Pass
		Inner_1RB_Right	19.35	/	/	18.31	/	/	<=33.01	Pass

CP-OFDM 256 QAM	2580	Inner 1RB Right	19.62	/	/	18.58	/	/	<=33.01	Pass
		Edge 1RB Left	16.23	/	/	15.19	/	/	<=33.01	Pass
		Edge 1RB Right	16.07	/	/	15.03	/	/	<=33.01	Pass
		Outer Full	16.28	/	/	15.24	/	/	<=33.01	Pass
		Inner Full	16.40	/	/	15.36	/	/	<=33.01	Pass
		Inner 1RB Left	15.94	/	/	14.90	/	/	<=33.01	Pass
	2595	Inner 1RB Right	16.07	/	/	15.03	/	/	<=33.01	Pass
		Edge 1RB Left	15.93	/	/	14.89	/	/	<=33.01	Pass
		Edge 1RB Right	16.14	/	/	15.10	/	/	<=33.01	Pass
		Outer Full	16.14	/	/	15.10	/	/	<=33.01	Pass
		Inner Full	16.25	/	/	15.21	/	/	<=33.01	Pass
		Inner 1RB Left	16.06	/	/	15.02	/	/	<=33.01	Pass
	2610	Inner 1RB Right	16.02	/	/	14.98	/	/	<=33.01	Pass
		Edge 1RB Left	16.19	/	/	15.15	/	/	<=33.01	Pass
		Edge 1RB Right	16.11	/	/	15.07	/	/	<=33.01	Pass
		Outer Full	16.26	/	/	15.22	/	/	<=33.01	Pass
		Inner Full	16.35	/	/	15.31	/	/	<=33.01	Pass
		Inner 1RB Left	15.90	/	/	14.86	/	/	<=33.01	Pass
		Inner 1RB Right	16.17	/	/	15.13	/	/	<=33.01	Pass

Note1: Antenna Gain: Ant5: -1.04dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 30_S_30M_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	2585	Edge 1RB Left	22.18	/	/	21.14	/	/	<=33.01	Pass
		Edge 1RB Right	22.21	/	/	21.17	/	/	<=33.01	Pass
		Outer Full	22.33	/	/	21.29	/	/	<=33.01	Pass
		Inner Full	22.78	/	/	21.74	/	/	<=33.01	Pass
		Inner 1RB Left	22.63	/	/	21.59	/	/	<=33.01	Pass
		Inner 1RB Right	22.71	/	/	21.67	/	/	<=33.01	Pass
	2595	Edge 1RB Left	22.19	/	/	21.15	/	/	<=33.01	Pass
		Edge 1RB Right	22.16	/	/	21.12	/	/	<=33.01	Pass
		Outer Full	22.28	/	/	21.24	/	/	<=33.01	Pass
		Inner Full	22.67	/	/	21.63	/	/	<=33.01	Pass
		Inner 1RB Left	22.70	/	/	21.66	/	/	<=33.01	Pass
		Inner 1RB Right	22.62	/	/	21.58	/	/	<=33.01	Pass
	2605	Edge 1RB Left	22.33	/	/	21.29	/	/	<=33.01	Pass
		Edge 1RB Right	22.23	/	/	21.19	/	/	<=33.01	Pass
		Outer Full	22.35	/	/	21.31	/	/	<=33.01	Pass
		Inner Full	22.61	/	/	21.57	/	/	<=33.01	Pass
		Inner 1RB Left	22.72	/	/	21.68	/	/	<=33.01	Pass
		Inner 1RB Right	22.90	/	/	21.86	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	2585	Edge 1RB Left	21.74	/	/	20.70	/	/	<=33.01	Pass
		Edge 1RB Right	21.68	/	/	20.64	/	/	<=33.01	Pass
		Outer Full	21.76	/	/	20.72	/	/	<=33.01	Pass
		Inner Full	22.71	/	/	21.67	/	/	<=33.01	Pass
		Inner 1RB Left	22.69	/	/	21.65	/	/	<=33.01	Pass

	2595	Inner 1RB Right	22.66	/	/	21.62	/	/	<=33.01	Pass
		Edge 1RB Left	21.60	/	/	20.56	/	/	<=33.01	Pass
		Edge 1RB Right	21.56	/	/	20.52	/	/	<=33.01	Pass
		Outer Full	21.71	/	/	20.67	/	/	<=33.01	Pass
		Inner Full	22.67	/	/	21.63	/	/	<=33.01	Pass
		Inner 1RB Left	22.63	/	/	21.59	/	/	<=33.01	Pass
	2605	Inner 1RB Right	22.73	/	/	21.69	/	/	<=33.01	Pass
		Edge 1RB Left	21.74	/	/	20.70	/	/	<=33.01	Pass
		Edge 1RB Right	21.71	/	/	20.67	/	/	<=33.01	Pass
		Outer Full	21.76	/	/	20.72	/	/	<=33.01	Pass
		Inner Full	22.75	/	/	21.71	/	/	<=33.01	Pass
		Inner 1RB Left	22.68	/	/	21.64	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	2585	Inner 1RB Right	22.74	/	/	21.70	/	/	<=33.01	Pass
		Edge 1RB Left	20.56	/	/	19.52	/	/	<=33.01	Pass
		Edge 1RB Right	20.61	/	/	19.57	/	/	<=33.01	Pass
		Outer Full	20.73	/	/	19.69	/	/	<=33.01	Pass
		Inner Full	21.75	/	/	20.71	/	/	<=33.01	Pass
		Inner 1RB Left	21.51	/	/	20.47	/	/	<=33.01	Pass
	2595	Inner 1RB Right	21.64	/	/	20.60	/	/	<=33.01	Pass
		Edge 1RB Left	20.51	/	/	19.47	/	/	<=33.01	Pass
		Edge 1RB Right	20.60	/	/	19.56	/	/	<=33.01	Pass
		Outer Full	20.69	/	/	19.65	/	/	<=33.01	Pass
		Inner Full	21.67	/	/	20.63	/	/	<=33.01	Pass
		Inner 1RB Left	21.57	/	/	20.53	/	/	<=33.01	Pass
	2605	Inner 1RB Right	21.62	/	/	20.58	/	/	<=33.01	Pass
		Edge 1RB Left	20.74	/	/	19.70	/	/	<=33.01	Pass
		Edge 1RB Right	20.76	/	/	19.72	/	/	<=33.01	Pass
		Outer Full	20.85	/	/	19.81	/	/	<=33.01	Pass
		Inner Full	21.70	/	/	20.66	/	/	<=33.01	Pass
		Inner 1RB Left	21.60	/	/	20.56	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	2585	Inner 1RB Right	21.68	/	/	20.64	/	/	<=33.01	Pass
		Edge 1RB Left	20.27	/	/	19.23	/	/	<=33.01	Pass
		Edge 1RB Right	20.20	/	/	19.16	/	/	<=33.01	Pass
		Outer Full	20.39	/	/	19.35	/	/	<=33.01	Pass
		Inner Full	20.30	/	/	19.26	/	/	<=33.01	Pass
		Inner 1RB Left	20.32	/	/	19.28	/	/	<=33.01	Pass
	2595	Inner 1RB Right	20.33	/	/	19.29	/	/	<=33.01	Pass
		Edge 1RB Left	20.24	/	/	19.20	/	/	<=33.01	Pass
		Edge 1RB Right	20.28	/	/	19.24	/	/	<=33.01	Pass
		Outer Full	20.20	/	/	19.16	/	/	<=33.01	Pass
		Inner Full	20.24	/	/	19.20	/	/	<=33.01	Pass
		Inner 1RB Left	20.36	/	/	19.32	/	/	<=33.01	Pass
	2605	Inner 1RB Right	20.35	/	/	19.31	/	/	<=33.01	Pass
		Edge 1RB Left	20.38	/	/	19.34	/	/	<=33.01	Pass
		Edge 1RB Right	20.63	/	/	19.59	/	/	<=33.01	Pass
		Outer Full	20.28	/	/	19.24	/	/	<=33.01	Pass
		Inner Full	20.35	/	/	19.31	/	/	<=33.01	Pass
		Inner 1RB Left	20.48	/	/	19.44	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	2585	Inner 1RB Right	20.29	/	/	19.25	/	/	<=33.01	Pass
		Edge 1RB Left	18.17	/	/	17.13	/	/	<=33.01	Pass
		Edge 1RB Right	18.19	/	/	17.15	/	/	<=33.01	Pass

		Outer_Full	18.24	/	/	17.20	/	/	<=33.01	Pass
		Inner_Full	18.17	/	/	17.13	/	/	<=33.01	Pass
		Inner_1RB_Left	18.15	/	/	17.11	/	/	<=33.01	Pass
		Inner_1RB_Right	18.07	/	/	17.03	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	18.00	/	/	16.96	/	/	<=33.01	Pass
		Edge_1RB_Right	18.10	/	/	17.06	/	/	<=33.01	Pass
		Outer_Full	18.15	/	/	17.11	/	/	<=33.01	Pass
		Inner_Full	18.14	/	/	17.10	/	/	<=33.01	Pass
	2605	Inner_1RB_Left	17.97	/	/	16.93	/	/	<=33.01	Pass
		Inner_1RB_Right	18.11	/	/	17.07	/	/	<=33.01	Pass
		Edge_1RB_Left	18.18	/	/	17.14	/	/	<=33.01	Pass
		Edge_1RB_Right	18.24	/	/	17.20	/	/	<=33.01	Pass
CP-OFDM QPSK	2585	Outer_Full	18.21	/	/	17.17	/	/	<=33.01	Pass
		Inner_Full	18.17	/	/	17.13	/	/	<=33.01	Pass
		Inner_1RB_Left	18.16	/	/	17.12	/	/	<=33.01	Pass
		Inner_1RB_Right	18.23	/	/	17.19	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	19.78	/	/	18.74	/	/	<=33.01	Pass
		Edge_1RB_Right	19.92	/	/	18.88	/	/	<=33.01	Pass
		Outer_Full	19.72	/	/	18.68	/	/	<=33.01	Pass
		Inner_Full	21.25	/	/	20.21	/	/	<=33.01	Pass
	2605	Inner_1RB_Left	21.20	/	/	20.16	/	/	<=33.01	Pass
		Inner_1RB_Right	21.32	/	/	20.28	/	/	<=33.01	Pass
		Edge_1RB_Left	20.07	/	/	19.03	/	/	<=33.01	Pass
		Edge_1RB_Right	19.82	/	/	18.78	/	/	<=33.01	Pass
CP-OFDM 16 QAM	2585	Outer_Full	19.74	/	/	18.70	/	/	<=33.01	Pass
		Inner_Full	21.25	/	/	20.21	/	/	<=33.01	Pass
		Inner_1RB_Left	21.51	/	/	20.47	/	/	<=33.01	Pass
		Inner_1RB_Right	21.45	/	/	20.41	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	19.96	/	/	18.92	/	/	<=33.01	Pass
		Edge_1RB_Right	20.06	/	/	19.02	/	/	<=33.01	Pass
		Outer_Full	19.81	/	/	18.77	/	/	<=33.01	Pass
		Inner_Full	21.33	/	/	20.29	/	/	<=33.01	Pass
	2605	Inner_1RB_Left	21.21	/	/	20.17	/	/	<=33.01	Pass
		Inner_1RB_Right	21.44	/	/	20.40	/	/	<=33.01	Pass
		Edge_1RB_Left	19.68	/	/	18.64	/	/	<=33.01	Pass
		Edge_1RB_Right	19.83	/	/	18.79	/	/	<=33.01	Pass
	2585	Outer_Full	19.87	/	/	18.83	/	/	<=33.01	Pass
		Inner_Full	20.68	/	/	19.64	/	/	<=33.01	Pass
		Inner_1RB_Left	20.80	/	/	19.76	/	/	<=33.01	Pass
		Inner_1RB_Right	20.99	/	/	19.95	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	19.66	/	/	18.62	/	/	<=33.01	Pass
		Edge_1RB_Right	19.66	/	/	18.62	/	/	<=33.01	Pass
		Outer_Full	19.69	/	/	18.65	/	/	<=33.01	Pass
		Inner_Full	20.62	/	/	19.58	/	/	<=33.01	Pass
	2605	Inner_1RB_Left	20.70	/	/	19.66	/	/	<=33.01	Pass
		Inner_1RB_Right	20.81	/	/	19.77	/	/	<=33.01	Pass
		Edge_1RB_Left	19.79	/	/	18.75	/	/	<=33.01	Pass
		Edge_1RB_Right	19.71	/	/	18.67	/	/	<=33.01	Pass
	2585	Outer_Full	19.75	/	/	18.71	/	/	<=33.01	Pass
		Inner_Full	20.75	/	/	19.71	/	/	<=33.01	Pass
		Inner_1RB_Left	20.60	/	/	19.56	/	/	<=33.01	Pass
		Inner_1RB_Right	20.60	/	/	19.56	/	/	<=33.01	Pass

		Inner_1RB_Right	20.97	/	/	19.93	/	/	<=33.01	Pass
CP-OFDM 64 QAM	2585	Edge_1RB_Left	19.31	/	/	18.27	/	/	<=33.01	Pass
		Edge_1RB_Right	19.50	/	/	18.46	/	/	<=33.01	Pass
		Outer_Full	19.31	/	/	18.27	/	/	<=33.01	Pass
		Inner_Full	19.20	/	/	18.16	/	/	<=33.01	Pass
		Inner_1RB_Left	19.27	/	/	18.23	/	/	<=33.01	Pass
		Inner_1RB_Right	19.47	/	/	18.43	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	19.38	/	/	18.34	/	/	<=33.01	Pass
		Edge_1RB_Right	19.42	/	/	18.38	/	/	<=33.01	Pass
		Outer_Full	19.20	/	/	18.16	/	/	<=33.01	Pass
		Inner_Full	19.11	/	/	18.07	/	/	<=33.01	Pass
		Inner_1RB_Left	19.50	/	/	18.46	/	/	<=33.01	Pass
		Inner_1RB_Right	19.19	/	/	18.15	/	/	<=33.01	Pass
	2605	Edge_1RB_Left	19.38	/	/	18.34	/	/	<=33.01	Pass
		Edge_1RB_Right	19.68	/	/	18.64	/	/	<=33.01	Pass
		Outer_Full	19.26	/	/	18.22	/	/	<=33.01	Pass
		Inner_Full	19.25	/	/	18.21	/	/	<=33.01	Pass
		Inner_1RB_Left	19.74	/	/	18.70	/	/	<=33.01	Pass
		Inner_1RB_Right	19.32	/	/	18.28	/	/	<=33.01	Pass
CP-OFDM 256 QAM	2585	Edge_1RB_Left	16.07	/	/	15.03	/	/	<=33.01	Pass
		Edge_1RB_Right	16.09	/	/	15.05	/	/	<=33.01	Pass
		Outer_Full	16.30	/	/	15.26	/	/	<=33.01	Pass
		Inner_Full	16.21	/	/	15.17	/	/	<=33.01	Pass
		Inner_1RB_Left	15.91	/	/	14.87	/	/	<=33.01	Pass
		Inner_1RB_Right	16.25	/	/	15.21	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	16.28	/	/	15.24	/	/	<=33.01	Pass
		Edge_1RB_Right	16.33	/	/	15.29	/	/	<=33.01	Pass
		Outer_Full	16.20	/	/	15.16	/	/	<=33.01	Pass
		Inner_Full	16.20	/	/	15.16	/	/	<=33.01	Pass
		Inner_1RB_Left	15.91	/	/	14.87	/	/	<=33.01	Pass
		Inner_1RB_Right	16.35	/	/	15.31	/	/	<=33.01	Pass
	2605	Edge_1RB_Left	16.48	/	/	15.44	/	/	<=33.01	Pass
		Edge_1RB_Right	16.30	/	/	15.26	/	/	<=33.01	Pass
		Outer_Full	16.25	/	/	15.21	/	/	<=33.01	Pass
		Inner_Full	16.22	/	/	15.18	/	/	<=33.01	Pass
		Inner_1RB_Left	16.15	/	/	15.11	/	/	<=33.01	Pass
		Inner_1RB_Right	16.16	/	/	15.12	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant5: -1.04dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_40M_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2590	Edge 1RB Left	22.26	/	/	21.22	/	/	<=33.01	Pass
		Edge 1RB Right	22.20	/	/	21.16	/	/	<=33.01	Pass
		Outer Full	22.35	/	/	21.31	/	/	<=33.01	Pass
		Inner Full	22.87	/	/	21.83	/	/	<=33.01	Pass
		Inner 1RB Left	22.94	/	/	21.90	/	/	<=33.01	Pass

	2595	Inner 1RB Right	22.96	/	/	21.92	/	/	<=33.01	Pass
		Edge 1RB Left	22.22	/	/	21.18	/	/	<=33.01	Pass
		Edge 1RB Right	22.20	/	/	21.16	/	/	<=33.01	Pass
		Outer Full	22.23	/	/	21.19	/	/	<=33.01	Pass
		Inner Full	22.81	/	/	21.77	/	/	<=33.01	Pass
		Inner 1RB Left	22.79	/	/	21.75	/	/	<=33.01	Pass
	2600	Inner 1RB Right	22.76	/	/	21.72	/	/	<=33.01	Pass
		Edge 1RB Left	22.27	/	/	21.23	/	/	<=33.01	Pass
		Edge 1RB Right	22.37	/	/	21.33	/	/	<=33.01	Pass
		Outer Full	22.37	/	/	21.33	/	/	<=33.01	Pass
		Inner Full	22.91	/	/	21.87	/	/	<=33.01	Pass
		Inner 1RB Left	22.83	/	/	21.79	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	2590	Inner 1RB Right	22.87	/	/	21.83	/	/	<=33.01	Pass
		Edge 1RB Left	21.68	/	/	20.64	/	/	<=33.01	Pass
		Edge 1RB Right	21.72	/	/	20.68	/	/	<=33.01	Pass
		Outer Full	21.83	/	/	20.79	/	/	<=33.01	Pass
		Inner Full	22.83	/	/	21.79	/	/	<=33.01	Pass
		Inner 1RB Left	22.82	/	/	21.78	/	/	<=33.01	Pass
	2595	Inner 1RB Right	22.77	/	/	21.73	/	/	<=33.01	Pass
		Edge 1RB Left	21.70	/	/	20.66	/	/	<=33.01	Pass
		Edge 1RB Right	21.79	/	/	20.75	/	/	<=33.01	Pass
		Outer Full	21.73	/	/	20.69	/	/	<=33.01	Pass
		Inner Full	22.83	/	/	21.79	/	/	<=33.01	Pass
		Inner 1RB Left	22.68	/	/	21.64	/	/	<=33.01	Pass
	2600	Inner 1RB Right	22.71	/	/	21.67	/	/	<=33.01	Pass
		Edge 1RB Left	21.80	/	/	20.76	/	/	<=33.01	Pass
		Edge 1RB Right	21.80	/	/	20.76	/	/	<=33.01	Pass
		Outer Full	21.86	/	/	20.82	/	/	<=33.01	Pass
		Inner Full	22.85	/	/	21.81	/	/	<=33.01	Pass
		Inner 1RB Left	22.77	/	/	21.73	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	2590	Inner 1RB Right	22.85	/	/	21.81	/	/	<=33.01	Pass
		Edge 1RB Left	20.79	/	/	19.75	/	/	<=33.01	Pass
		Edge 1RB Right	20.66	/	/	19.62	/	/	<=33.01	Pass
		Outer Full	20.84	/	/	19.80	/	/	<=33.01	Pass
		Inner Full	21.87	/	/	20.83	/	/	<=33.01	Pass
		Inner 1RB Left	21.79	/	/	20.75	/	/	<=33.01	Pass
	2595	Inner 1RB Right	21.78	/	/	20.74	/	/	<=33.01	Pass
		Edge 1RB Left	20.58	/	/	19.54	/	/	<=33.01	Pass
		Edge 1RB Right	20.56	/	/	19.52	/	/	<=33.01	Pass
		Outer Full	20.75	/	/	19.71	/	/	<=33.01	Pass
		Inner Full	21.77	/	/	20.73	/	/	<=33.01	Pass
		Inner 1RB Left	21.59	/	/	20.55	/	/	<=33.01	Pass
	2600	Inner 1RB Right	21.55	/	/	20.51	/	/	<=33.01	Pass
		Edge 1RB Left	20.70	/	/	19.66	/	/	<=33.01	Pass
		Edge 1RB Right	20.78	/	/	19.74	/	/	<=33.01	Pass
		Outer Full	20.90	/	/	19.86	/	/	<=33.01	Pass
		Inner Full	21.82	/	/	20.78	/	/	<=33.01	Pass
		Inner 1RB Left	21.64	/	/	20.60	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	2590	Inner 1RB Right	21.67	/	/	20.63	/	/	<=33.01	Pass
		Edge 1RB Left	20.56	/	/	19.52	/	/	<=33.01	Pass
		Edge 1RB Right	20.60	/	/	19.56	/	/	<=33.01	Pass

		Outer_Full	20.40	/	/	19.36	/	/	<=33.01	Pass
		Inner_Full	20.38	/	/	19.34	/	/	<=33.01	Pass
		Inner_1RB_Left	20.52	/	/	19.48	/	/	<=33.01	Pass
		Inner_1RB_Right	20.61	/	/	19.57	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	20.34	/	/	19.30	/	/	<=33.01	Pass
		Edge_1RB_Right	20.57	/	/	19.53	/	/	<=33.01	Pass
		Outer_Full	20.27	/	/	19.23	/	/	<=33.01	Pass
		Inner_Full	20.25	/	/	19.21	/	/	<=33.01	Pass
		Inner_1RB_Left	20.48	/	/	19.44	/	/	<=33.01	Pass
		Inner_1RB_Right	20.44	/	/	19.40	/	/	<=33.01	Pass
	2600	Edge_1RB_Left	20.41	/	/	19.37	/	/	<=33.01	Pass
		Edge_1RB_Right	20.29	/	/	19.25	/	/	<=33.01	Pass
		Outer_Full	20.42	/	/	19.38	/	/	<=33.01	Pass
		Inner_Full	20.33	/	/	19.29	/	/	<=33.01	Pass
		Inner_1RB_Left	20.54	/	/	19.50	/	/	<=33.01	Pass
		Inner_1RB_Right	20.37	/	/	19.33	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM		Edge_1RB_Left	18.07	/	/	17.03	/	/	<=33.01	Pass
		Edge_1RB_Right	18.32	/	/	17.28	/	/	<=33.01	Pass
		Outer_Full	18.33	/	/	17.29	/	/	<=33.01	Pass
		Inner_Full	18.38	/	/	17.34	/	/	<=33.01	Pass
	2590	Inner_1RB_Left	18.20	/	/	17.16	/	/	<=33.01	Pass
		Inner_1RB_Right	18.33	/	/	17.29	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	18.05	/	/	17.01	/	/	<=33.01	Pass
		Edge_1RB_Right	18.04	/	/	17.00	/	/	<=33.01	Pass
		Outer_Full	18.25	/	/	17.21	/	/	<=33.01	Pass
		Inner_Full	18.14	/	/	17.10	/	/	<=33.01	Pass
		Inner_1RB_Left	18.06	/	/	17.02	/	/	<=33.01	Pass
		Inner_1RB_Right	18.08	/	/	17.04	/	/	<=33.01	Pass
	2600	Edge_1RB_Left	18.15	/	/	17.11	/	/	<=33.01	Pass
		Edge_1RB_Right	18.16	/	/	17.12	/	/	<=33.01	Pass
		Outer_Full	18.35	/	/	17.31	/	/	<=33.01	Pass
		Inner_Full	18.28	/	/	17.24	/	/	<=33.01	Pass
CP-OFDM QPSK		Inner_1RB_Left	18.05	/	/	17.01	/	/	<=33.01	Pass
		Inner_1RB_Right	18.24	/	/	17.20	/	/	<=33.01	Pass
	2590	Edge_1RB_Left	20.02	/	/	18.98	/	/	<=33.01	Pass
		Edge_1RB_Right	19.86	/	/	18.82	/	/	<=33.01	Pass
		Outer_Full	19.86	/	/	18.82	/	/	<=33.01	Pass
		Inner_Full	21.43	/	/	20.39	/	/	<=33.01	Pass
	2595	Inner_1RB_Left	21.44	/	/	20.40	/	/	<=33.01	Pass
		Inner_1RB_Right	21.43	/	/	20.39	/	/	<=33.01	Pass
		Edge_1RB_Left	19.80	/	/	18.76	/	/	<=33.01	Pass
		Edge_1RB_Right	20.06	/	/	19.02	/	/	<=33.01	Pass
		Outer_Full	19.73	/	/	18.69	/	/	<=33.01	Pass
		Inner_Full	21.27	/	/	20.23	/	/	<=33.01	Pass
	2600	Inner_1RB_Left	21.26	/	/	20.22	/	/	<=33.01	Pass
		Inner_1RB_Right	21.58	/	/	20.54	/	/	<=33.01	Pass
		Edge_1RB_Left	19.90	/	/	18.86	/	/	<=33.01	Pass
		Edge_1RB_Right	20.03	/	/	18.99	/	/	<=33.01	Pass
		Outer_Full	19.84	/	/	18.80	/	/	<=33.01	Pass
		Inner_Full	21.40	/	/	20.36	/	/	<=33.01	Pass
		Inner_1RB_Left	21.47	/	/	20.43	/	/	<=33.01	Pass

		Inner 1RB Right	21.56	/	/	20.52	/	/	<=33.01	Pass
CP-OFDM 16 QAM	2590	Edge 1RB Left	19.76	/	/	18.72	/	/	<=33.01	Pass
		Edge 1RB Right	20.03	/	/	18.99	/	/	<=33.01	Pass
		Outer Full	19.84	/	/	18.80	/	/	<=33.01	Pass
		Inner Full	20.86	/	/	19.82	/	/	<=33.01	Pass
		Inner 1RB Left	20.81	/	/	19.77	/	/	<=33.01	Pass
		Inner 1RB Right	20.88	/	/	19.84	/	/	<=33.01	Pass
	2595	Edge 1RB Left	19.74	/	/	18.70	/	/	<=33.01	Pass
		Edge 1RB Right	19.98	/	/	18.94	/	/	<=33.01	Pass
		Outer Full	19.73	/	/	18.69	/	/	<=33.01	Pass
		Inner Full	20.66	/	/	19.62	/	/	<=33.01	Pass
		Inner 1RB Left	20.66	/	/	19.62	/	/	<=33.01	Pass
		Inner 1RB Right	20.86	/	/	19.82	/	/	<=33.01	Pass
	2600	Edge 1RB Left	19.69	/	/	18.65	/	/	<=33.01	Pass
		Edge 1RB Right	19.98	/	/	18.94	/	/	<=33.01	Pass
		Outer Full	19.86	/	/	18.82	/	/	<=33.01	Pass
		Inner Full	20.89	/	/	19.85	/	/	<=33.01	Pass
		Inner 1RB Left	21.09	/	/	20.05	/	/	<=33.01	Pass
		Inner 1RB Right	20.87	/	/	19.83	/	/	<=33.01	Pass
CP-OFDM 64 QAM	2590	Edge 1RB Left	19.62	/	/	18.58	/	/	<=33.01	Pass
		Edge 1RB Right	19.47	/	/	18.43	/	/	<=33.01	Pass
		Outer Full	19.41	/	/	18.37	/	/	<=33.01	Pass
		Inner Full	19.32	/	/	18.28	/	/	<=33.01	Pass
		Inner 1RB Left	19.74	/	/	18.70	/	/	<=33.01	Pass
		Inner 1RB Right	19.63	/	/	18.59	/	/	<=33.01	Pass
	2595	Edge 1RB Left	19.27	/	/	18.23	/	/	<=33.01	Pass
		Edge 1RB Right	19.76	/	/	18.72	/	/	<=33.01	Pass
		Outer Full	19.20	/	/	18.16	/	/	<=33.01	Pass
		Inner Full	19.13	/	/	18.09	/	/	<=33.01	Pass
		Inner 1RB Left	19.62	/	/	18.58	/	/	<=33.01	Pass
		Inner 1RB Right	19.82	/	/	18.78	/	/	<=33.01	Pass
	2600	Edge 1RB Left	19.68	/	/	18.64	/	/	<=33.01	Pass
		Edge 1RB Right	19.69	/	/	18.65	/	/	<=33.01	Pass
		Outer Full	19.38	/	/	18.34	/	/	<=33.01	Pass
		Inner Full	19.27	/	/	18.23	/	/	<=33.01	Pass
		Inner 1RB Left	19.59	/	/	18.55	/	/	<=33.01	Pass
		Inner 1RB Right	19.68	/	/	18.64	/	/	<=33.01	Pass
CP-OFDM 256 QAM	2590	Edge 1RB Left	16.21	/	/	15.17	/	/	<=33.01	Pass
		Edge 1RB Right	16.24	/	/	15.20	/	/	<=33.01	Pass
		Outer Full	16.38	/	/	15.34	/	/	<=33.01	Pass
		Inner Full	16.34	/	/	15.30	/	/	<=33.01	Pass
		Inner 1RB Left	16.53	/	/	15.49	/	/	<=33.01	Pass
		Inner 1RB Right	16.14	/	/	15.10	/	/	<=33.01	Pass
	2595	Edge 1RB Left	15.98	/	/	14.94	/	/	<=33.01	Pass
		Edge 1RB Right	16.22	/	/	15.18	/	/	<=33.01	Pass
		Outer Full	16.33	/	/	15.29	/	/	<=33.01	Pass
		Inner Full	16.28	/	/	15.24	/	/	<=33.01	Pass
		Inner 1RB Left	16.20	/	/	15.16	/	/	<=33.01	Pass
		Inner 1RB Right	16.06	/	/	15.02	/	/	<=33.01	Pass
	2600	Edge 1RB Left	16.51	/	/	15.47	/	/	<=33.01	Pass
		Edge 1RB Right	16.64	/	/	15.60	/	/	<=33.01	Pass



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		Outer_Full	16.36	/	/	15.32	/	/	<=33.01	Pass
		Inner_Full	16.38	/	/	15.34	/	/	<=33.01	Pass
		Inner_1RB Left	16.15	/	/	15.11	/	/	<=33.01	Pass
		Inner_1RB Right	16.36	/	/	15.32	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant5: -1.04dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_40M

5G NR n38 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2595	Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	7.10	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	9.90	0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_20M_NTNV

5G NR n38 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	17.87	22.50	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	17.87	19.45	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	17.93	22.96	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	17.91	21.79	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	17.91	20.63	/	Pass
CP-OFDM QPSK	2595	Outer_Full	18.36	28.68	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	18.34	24.12	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	18.31	26.37	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	18.32	26.82	/	Pass

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TRF No. SUZSCONN-TRF-CR001A_A_Jun 1st, 2026

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3.1.2 30_S_30M_NTNV

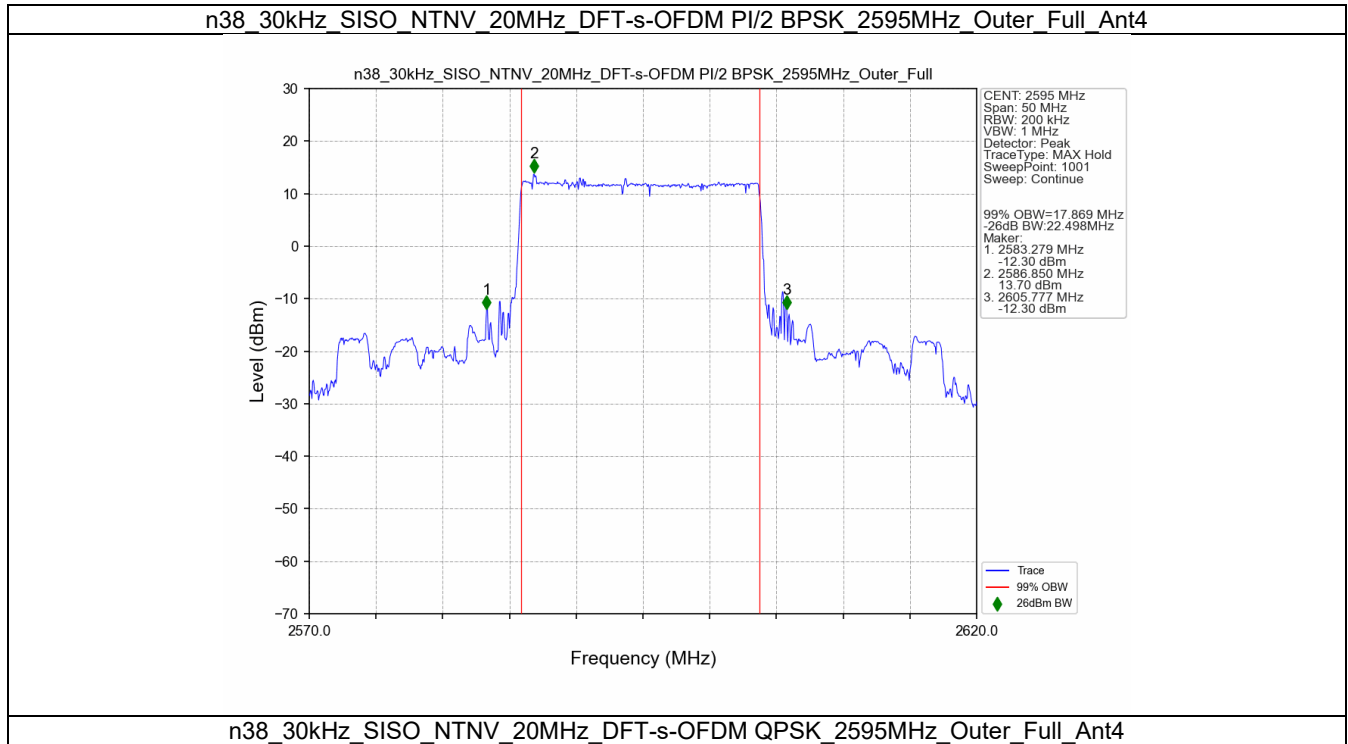
5G NR n38 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	26.88	30.84	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	26.94	31.50	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	26.91	30.58	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	26.93	31.16	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	26.97	30.95	/	Pass
CP-OFDM QPSK	2595	Outer_Full	27.97	37.15	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	27.98	36.61	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	27.94	34.83	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	27.99	35.63	/	Pass

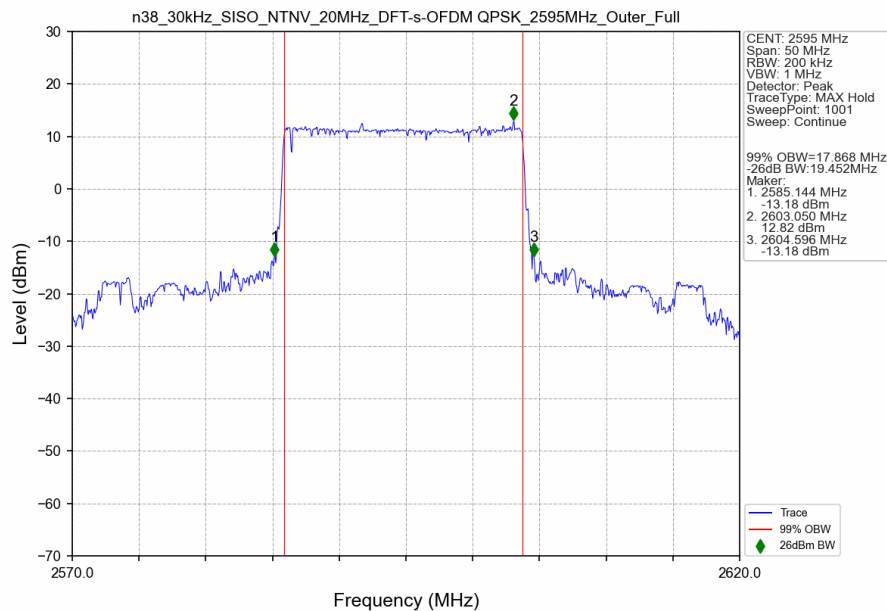
3.1.3 30_S_40M_NTNV

5G NR n38 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	36.12	39.37	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	36.07	40.53	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	36.15	41.03	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	36.13	42.44	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	36.32	43.06	/	Pass
CP-OFDM QPSK	2595	Outer_Full	38.26	51.38	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	38.23	55.42	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	38.40	51.37	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	38.41	51.52	/	Pass

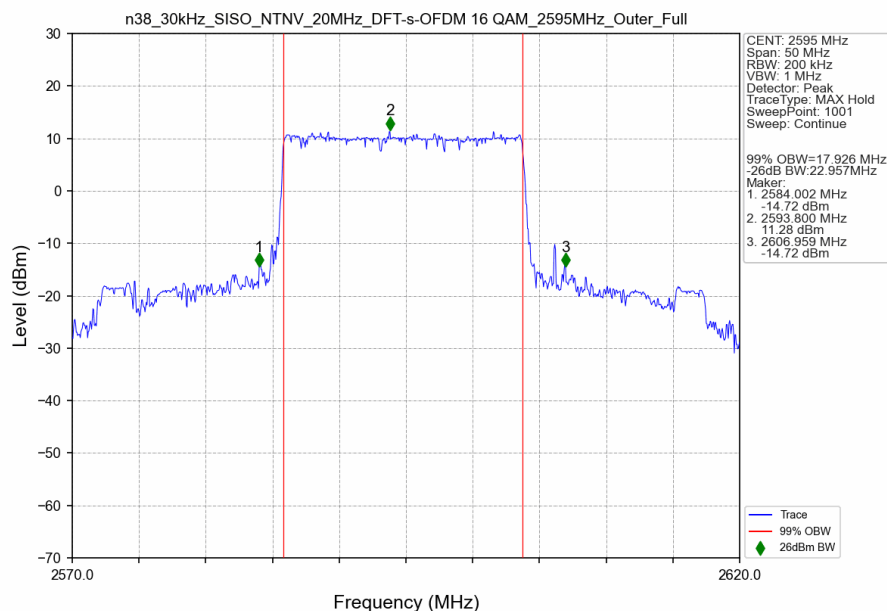
3.2 Test Graph

3.2.1 30_S_20M_NTNV

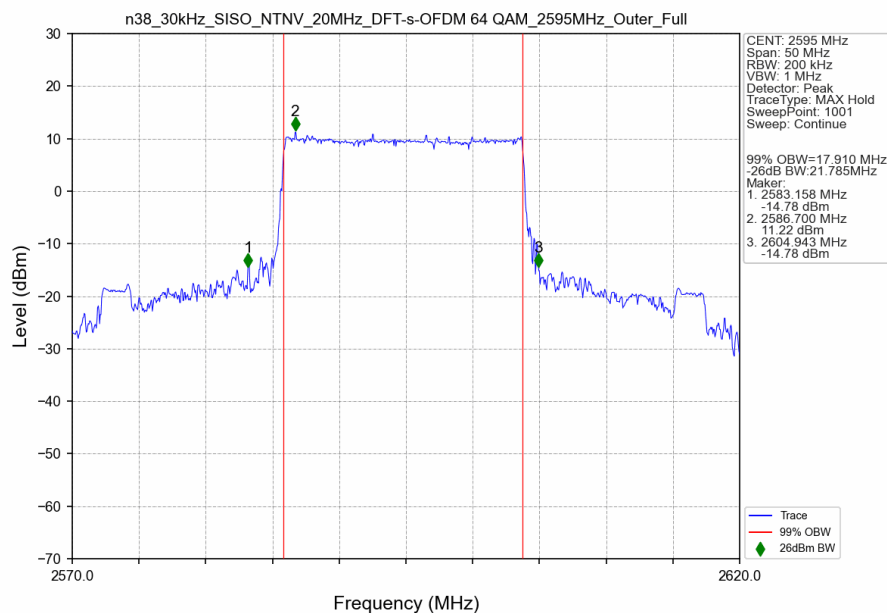




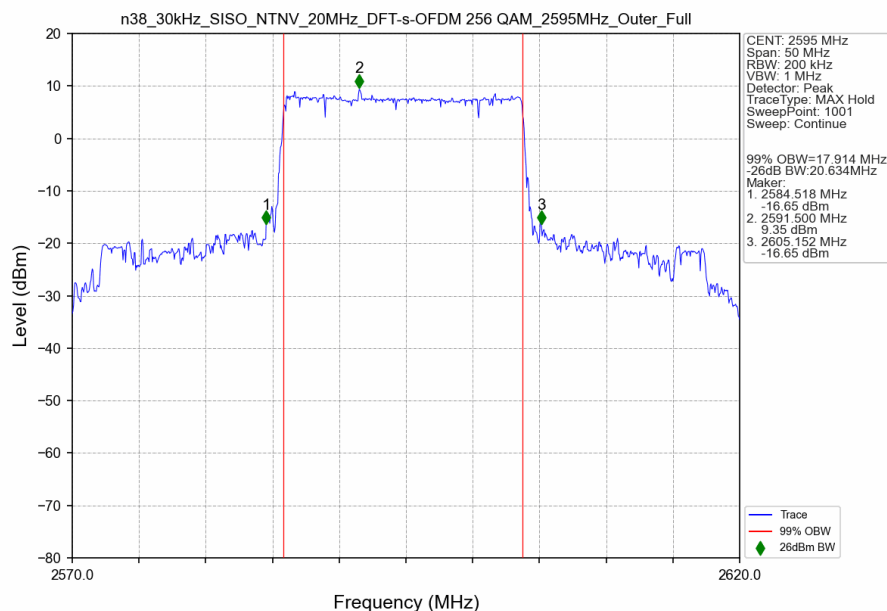
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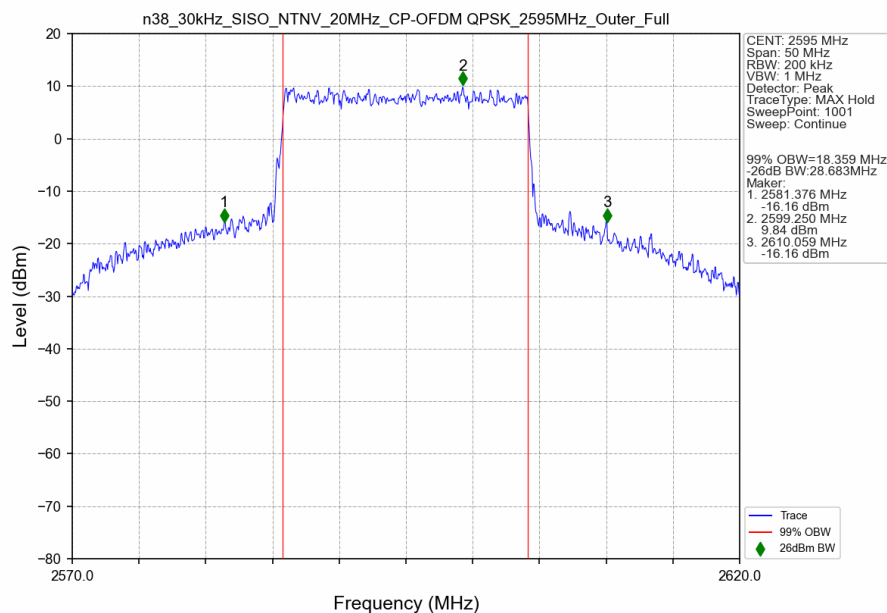
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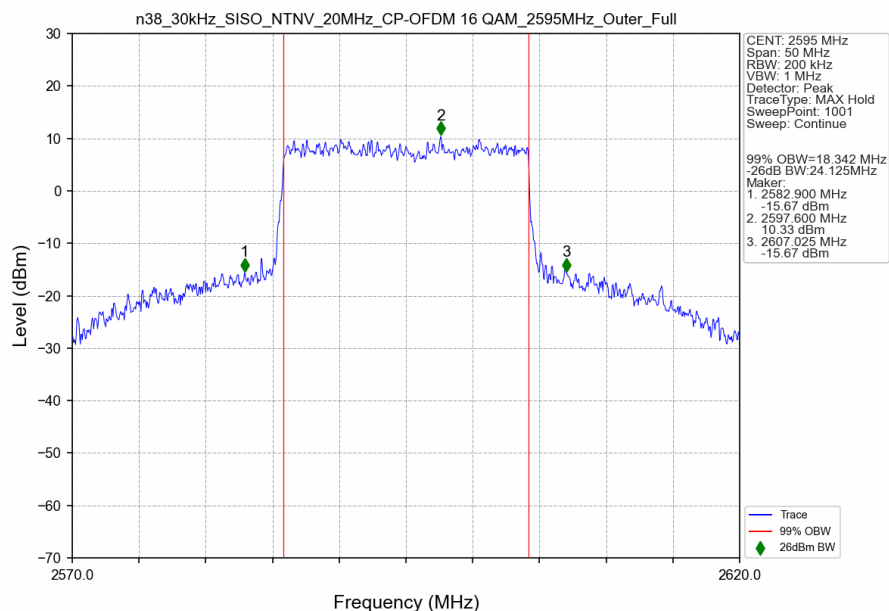
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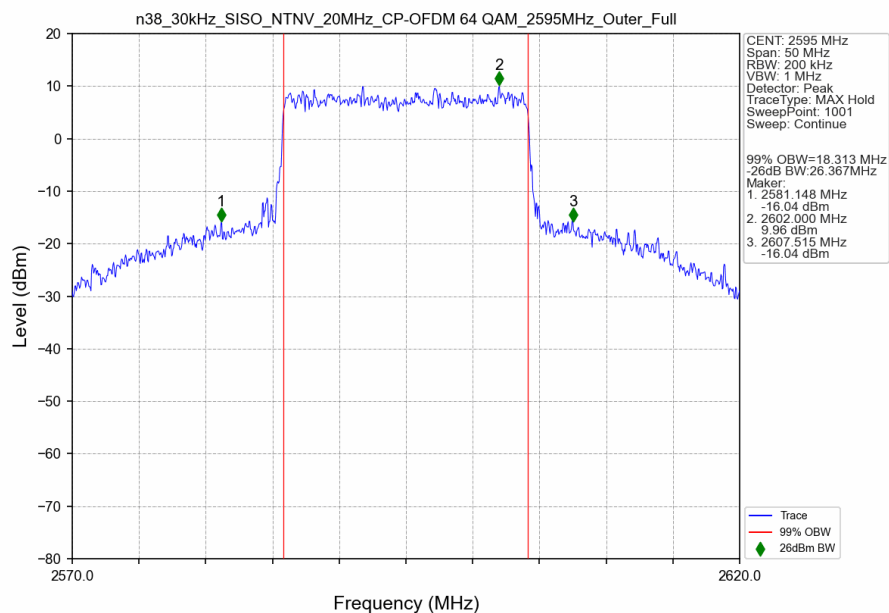
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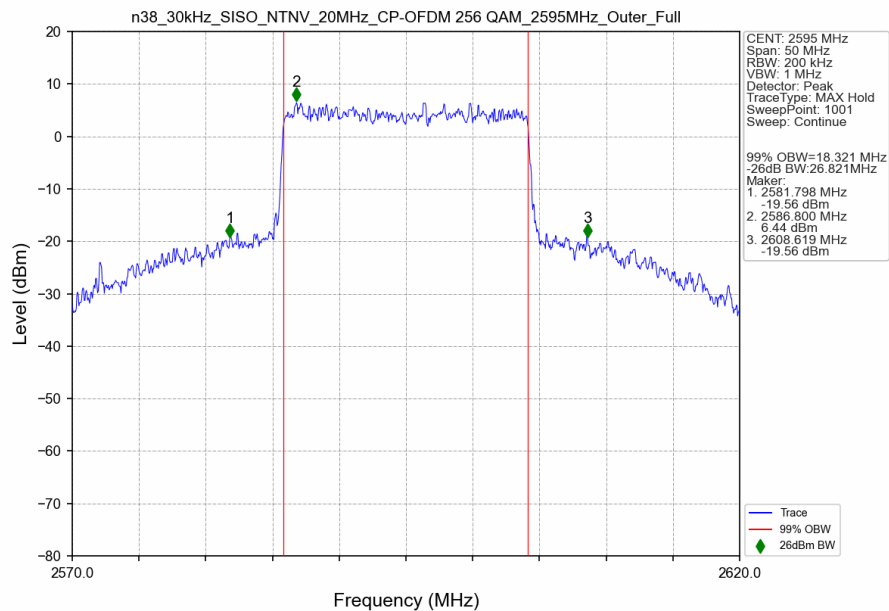
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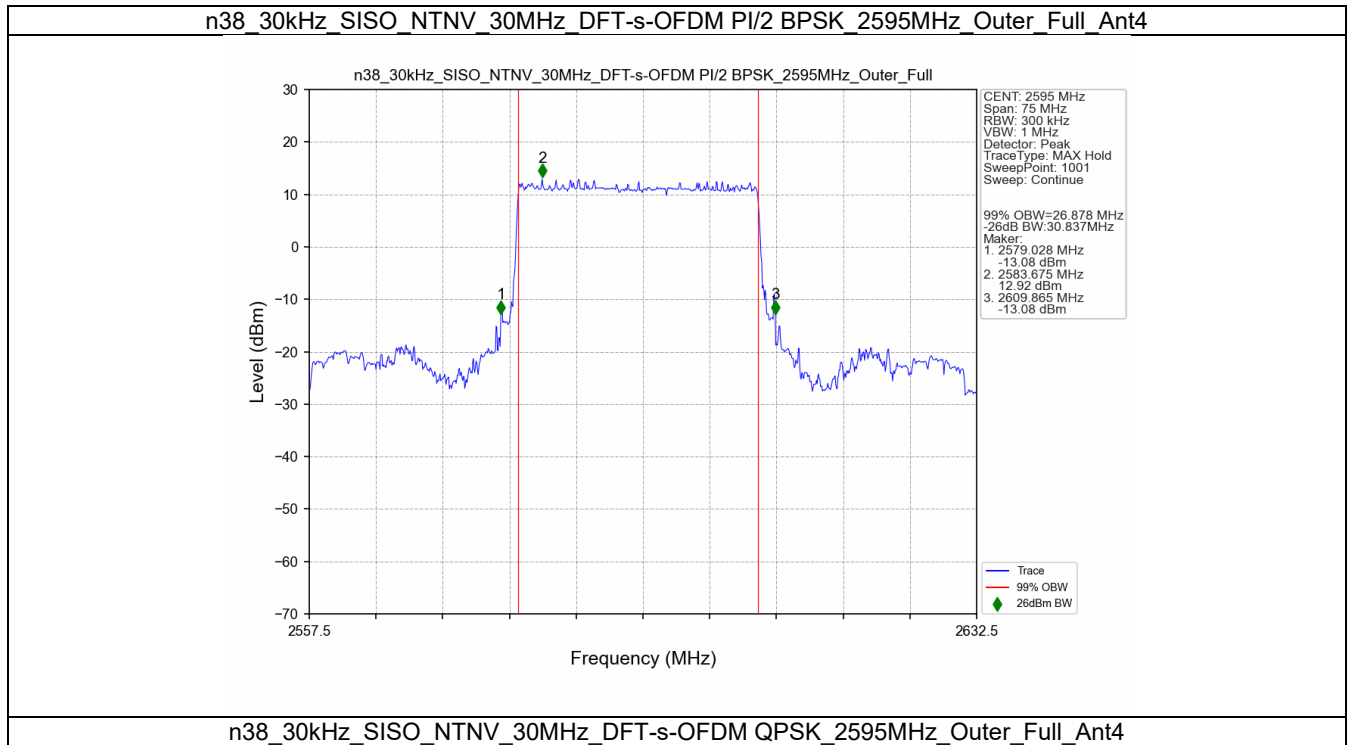
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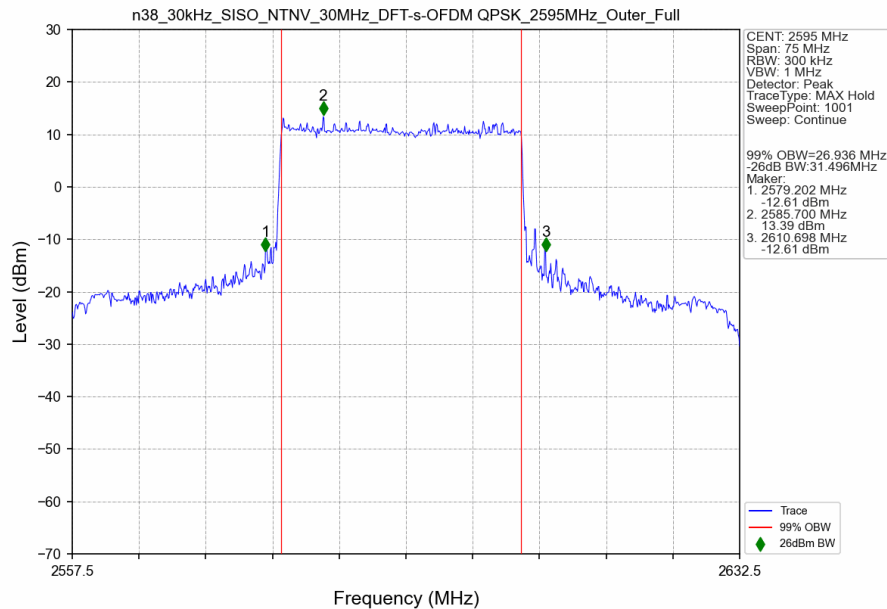


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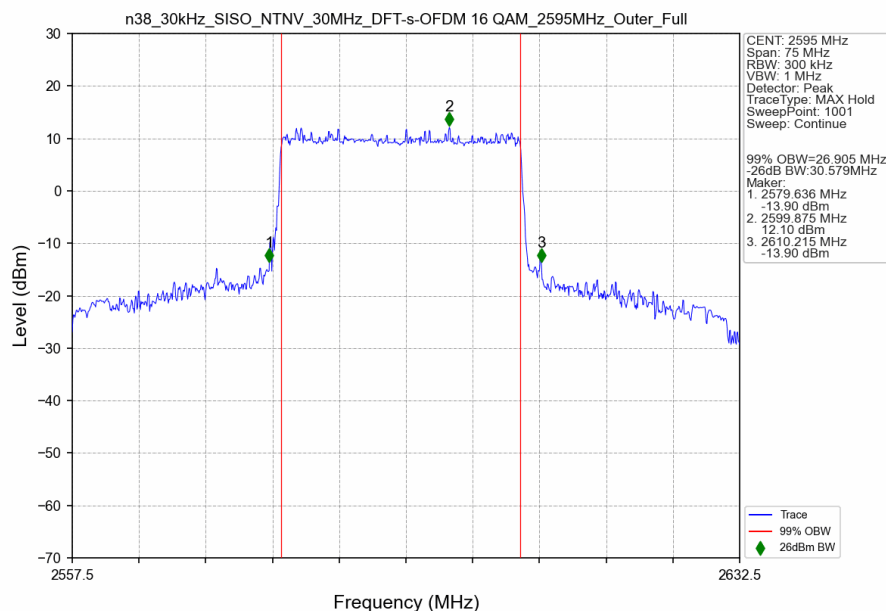


3.2.2 30_S_30M_NTNV

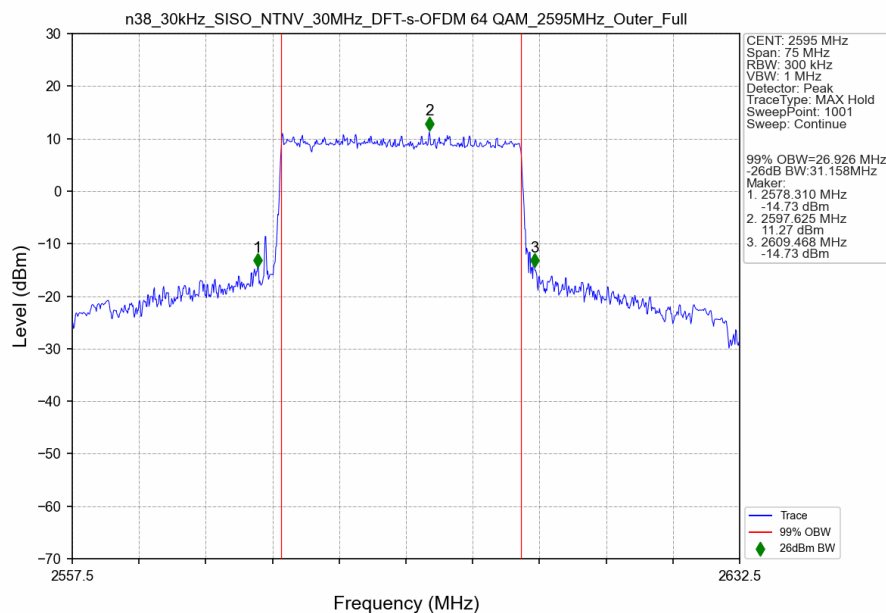




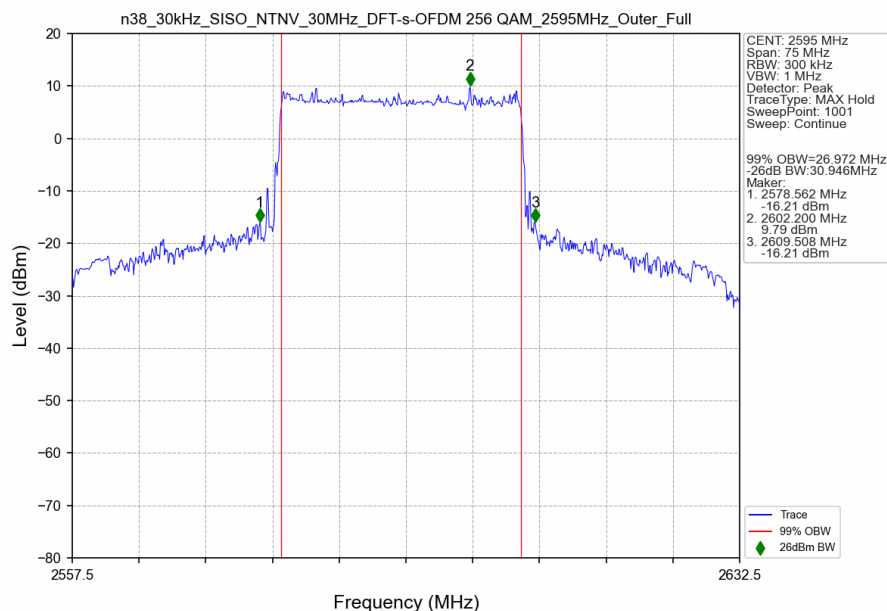
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_2595MHz_Outer_Full_Ant4



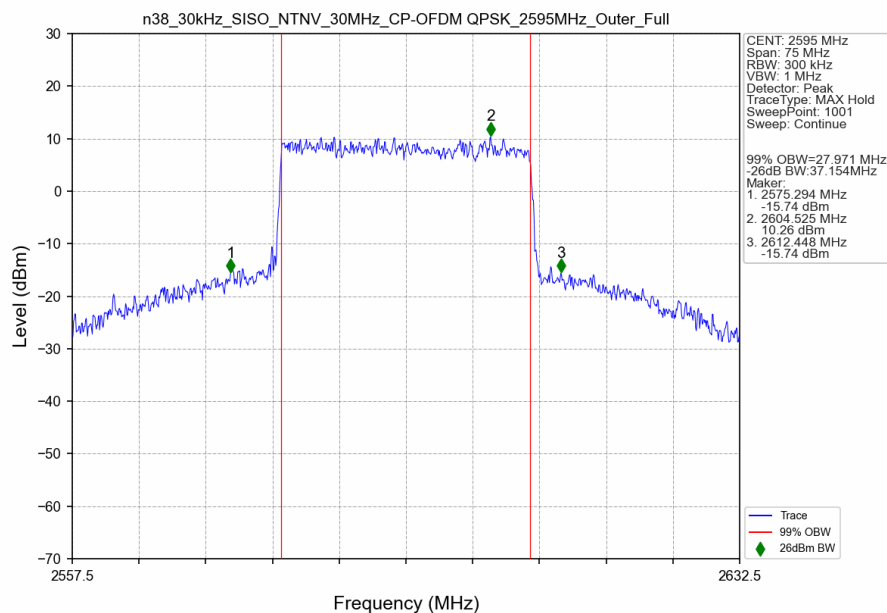
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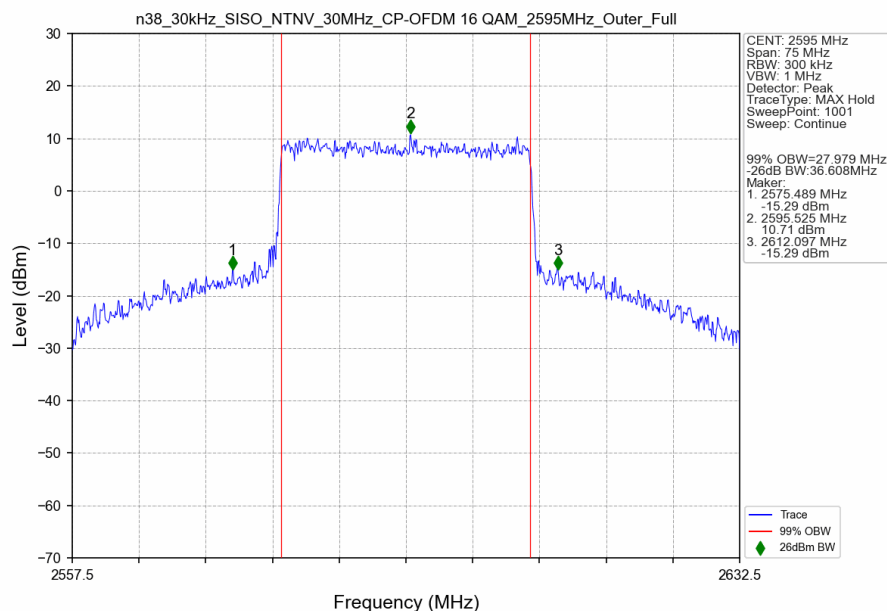
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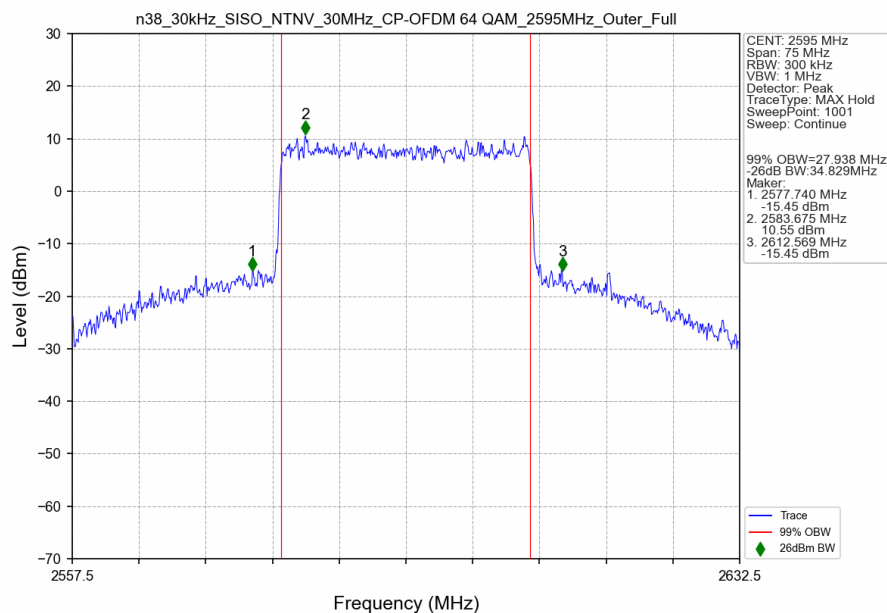
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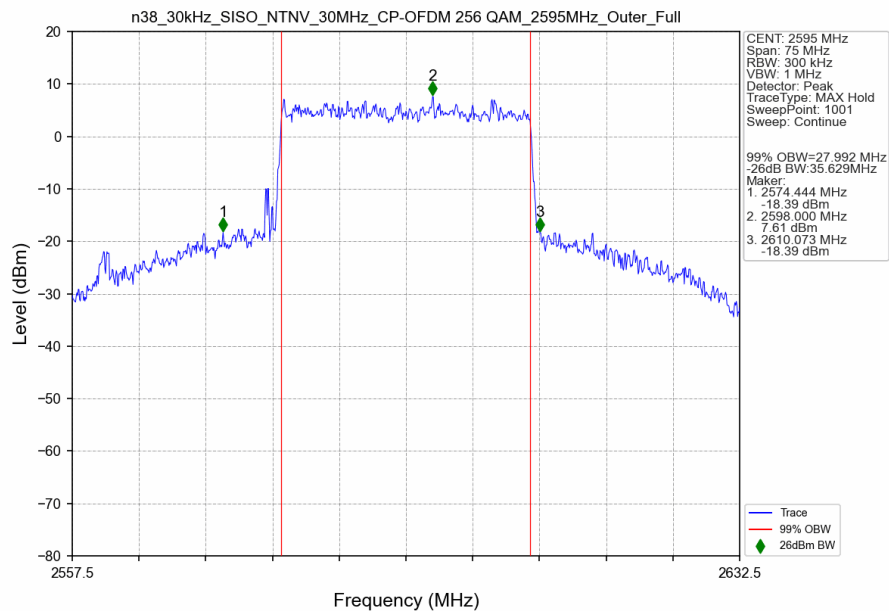
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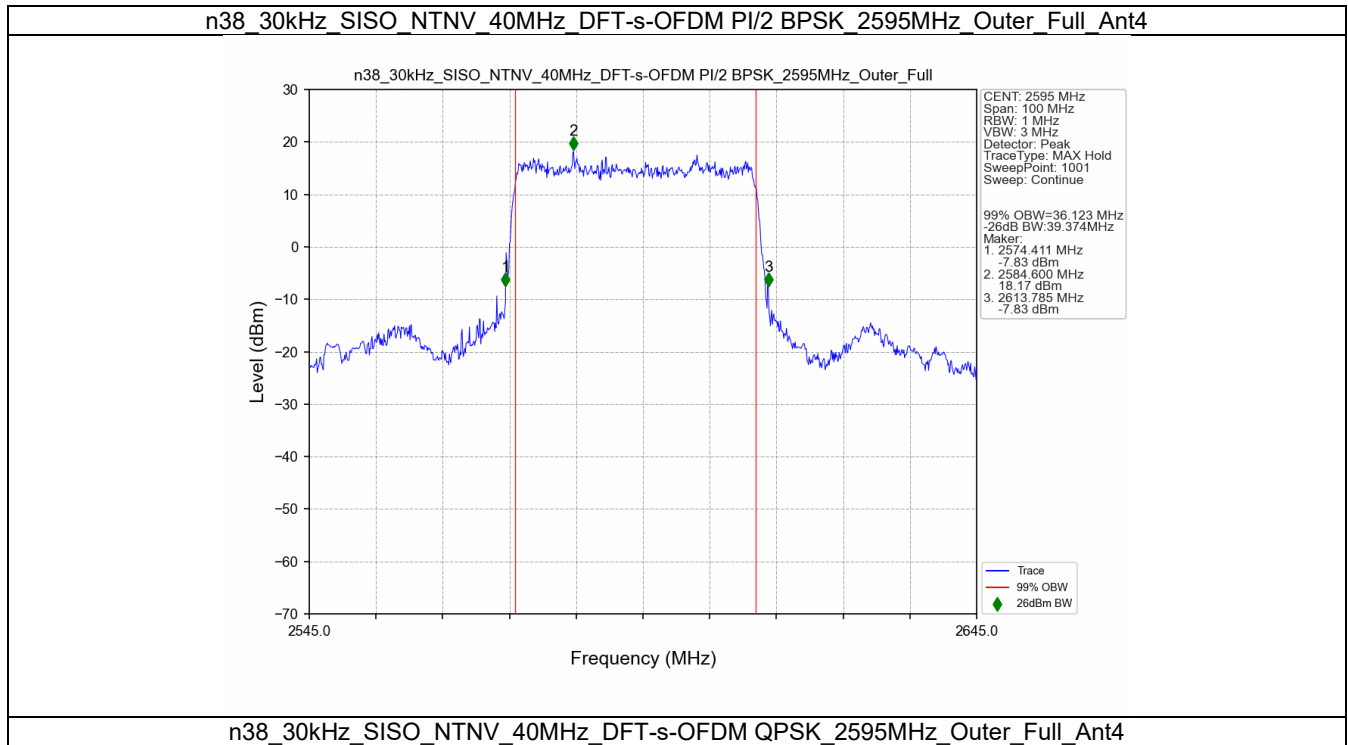
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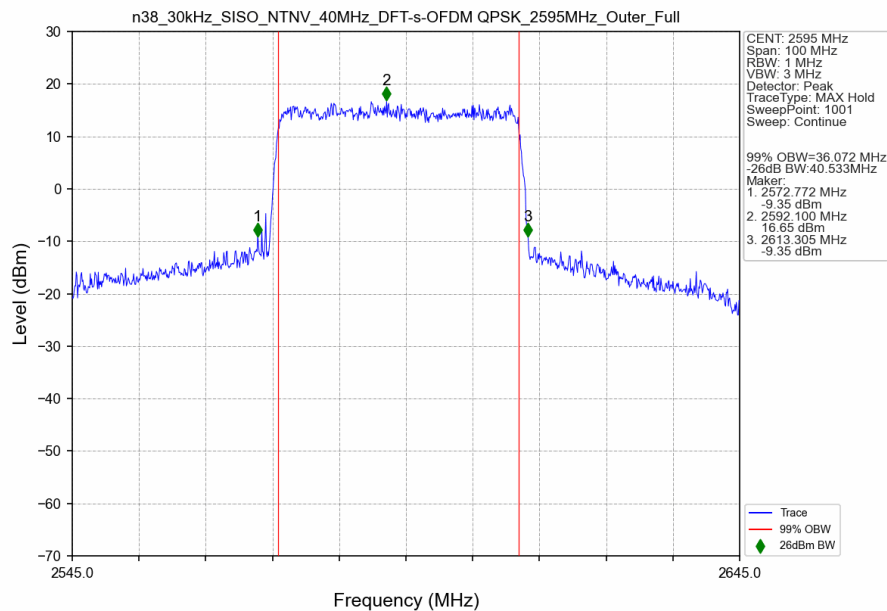


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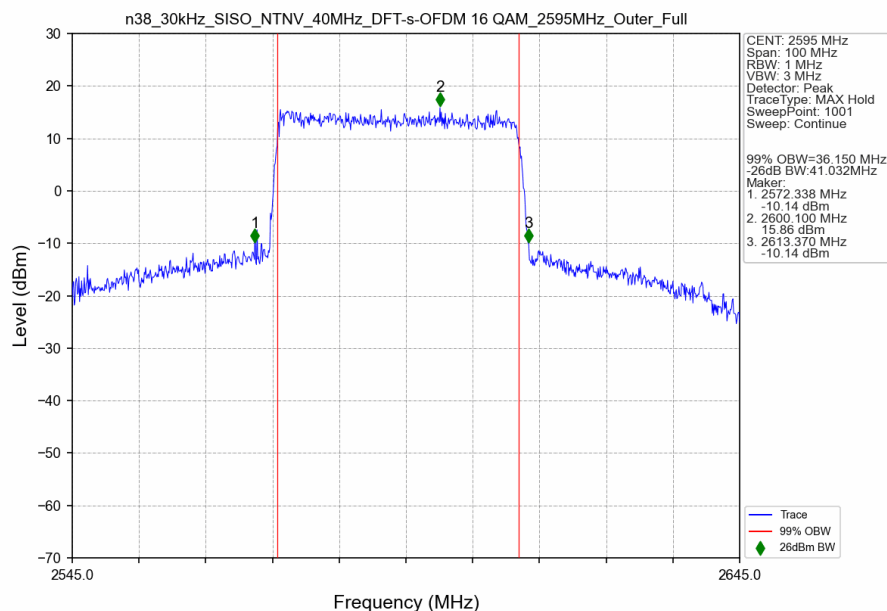


3.2.3 30_S_40M_NTNV

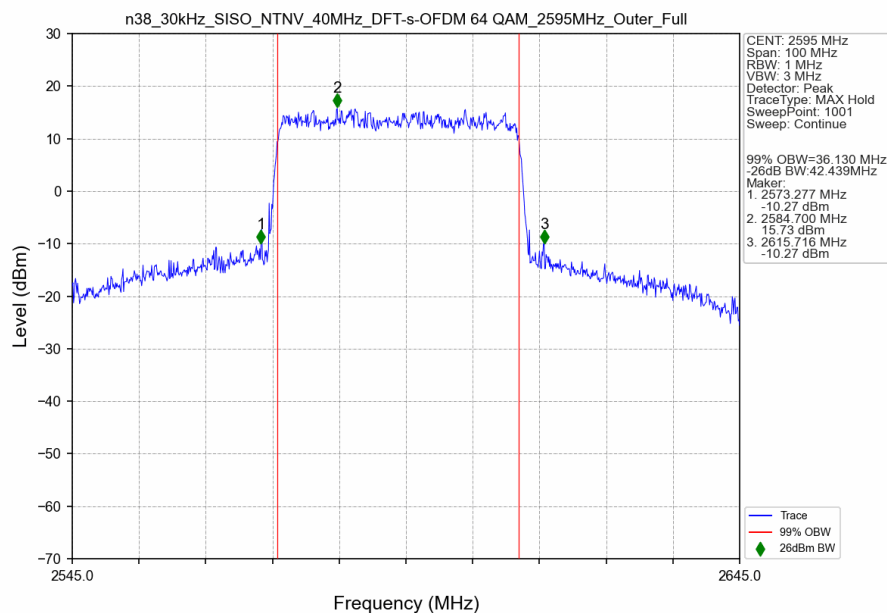




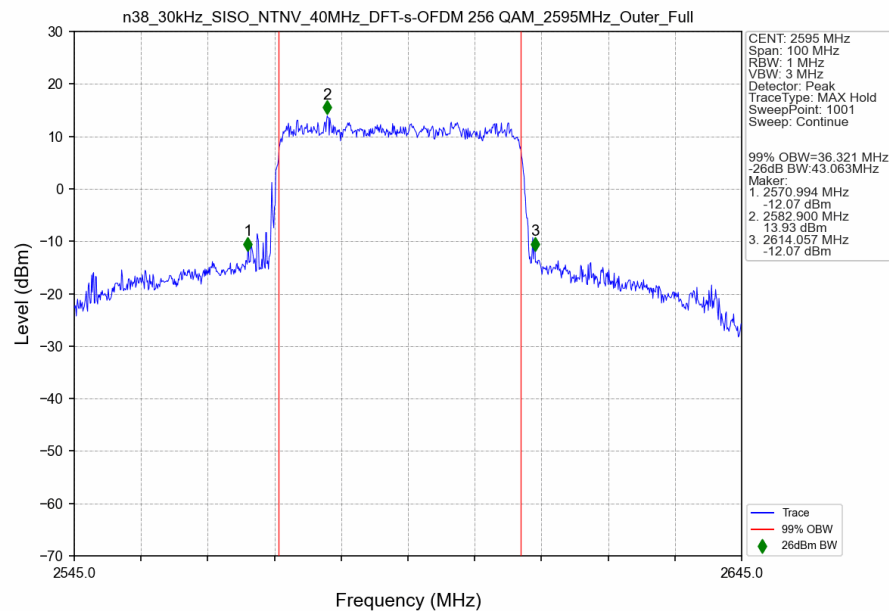
n38	30kHz	SISO	NTNV	40MHz	DFT-s-OFDM	16 QAM	2595MHz	Outer	Full	Ant4
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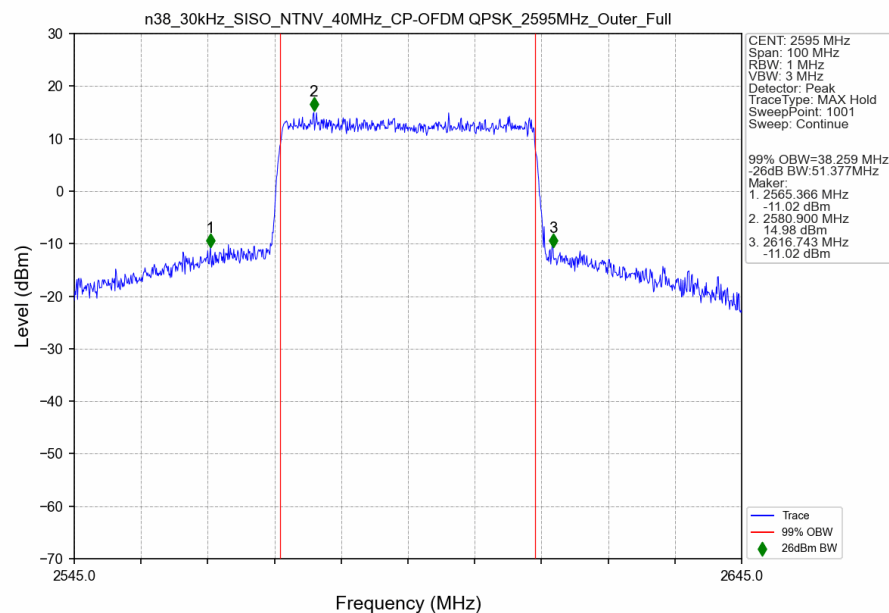
n38	30kHz	SISO	NTNV	40MHz	DFT-s-OFDM	64 QAM	2595MHz	Outer	Full	Ant4
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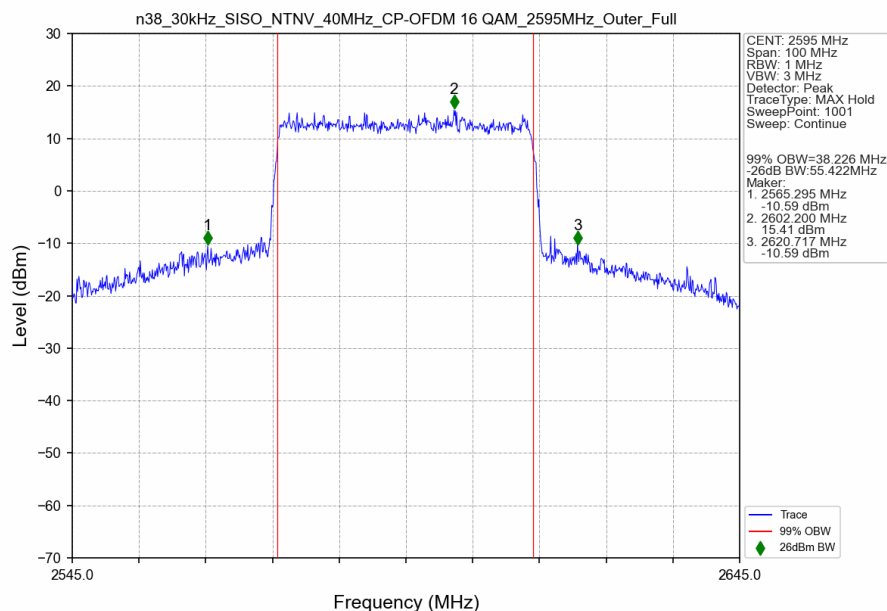
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM 2595MHz_Outer_Full_Ant4



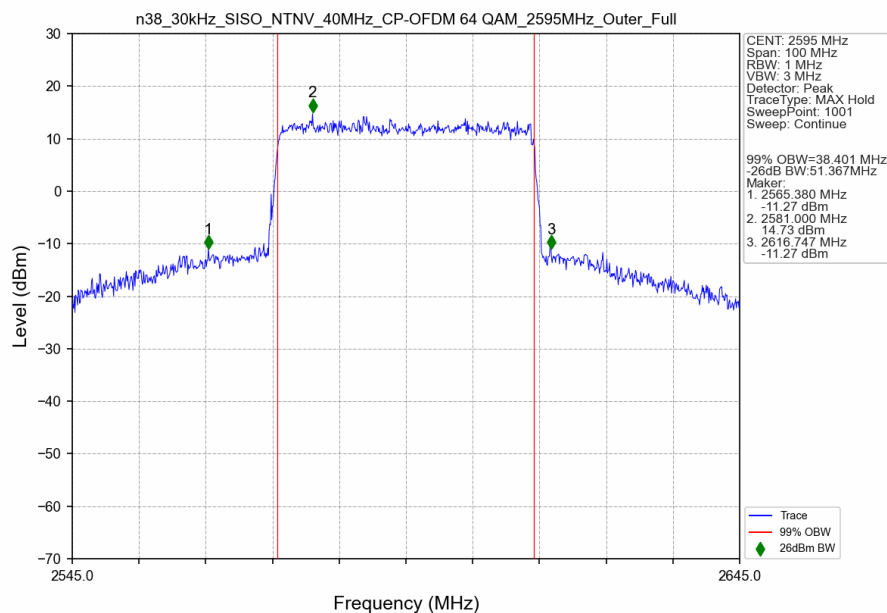
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK 2595MHz_Outer_Full_Ant4



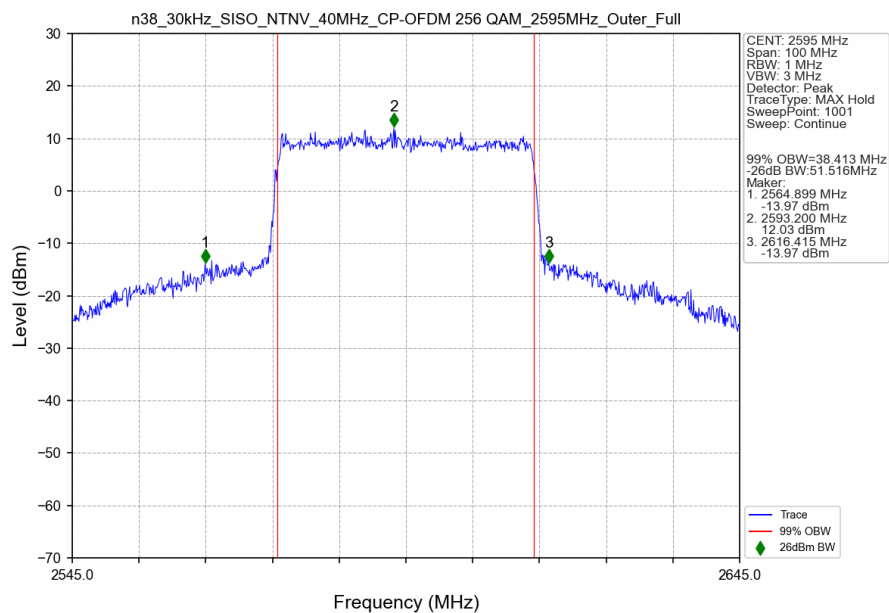
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n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant4



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM 2595MHz_Outer_Full_Ant4





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4. Peak-Average Ratio

4.1 Test Result

4.1.1 30_S_40M_NTNV

5G NR n38 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	5.25	/	/	<=13	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	6.54	/	/	<=13	Pass
CP-OFDM QPSK	2595	Outer_Full	7.95	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30_S_40M_NTNV

