

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2501.01	Edge_1RB_Left	22.89	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.14	/	/	<=33	Pass
		Outer_Full	24.89	/	/	24.19	/	/	<=33	Pass
		Inner_Full	26.25	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Left	26.24	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	25.60	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.70	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	24.68	/	/	23.98	/	/	<=33	Pass
		Inner_Full	26.20	/	/	25.50	/	/	<=33	Pass
		Inner_1RB_Left	26.21	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Right	26.24	/	/	25.54	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.88	/	/	22.18	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass
		Outer_Full	24.78	/	/	24.08	/	/	<=33	Pass
		Inner_Full	26.25	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Left	26.23	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Right	26.25	/	/	25.55	/	/	<=33	Pass
DFT-s-OFDM QPSK	2501.01	Edge_1RB_Left	22.81	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	22.06	/	/	<=33	Pass
		Outer_Full	22.88	/	/	22.18	/	/	<=33	Pass
		Inner_Full	26.17	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	26.07	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Right	26.14	/	/	25.44	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.09	/	/	<=33	Pass
		Outer_Full	22.72	/	/	22.02	/	/	<=33	Pass
		Inner_Full	26.16	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	26.09	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	26.16	/	/	25.46	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.85	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.13	/	/	<=33	Pass
		Outer_Full	22.90	/	/	22.20	/	/	<=33	Pass
		Inner_Full	26.24	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	26.10	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	26.12	/	/	25.42	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2501.01	Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	21.88	/	/	<=33	Pass
		Outer_Full	23.35	/	/	22.65	/	/	<=33	Pass
		Inner_Full	25.13	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Left	25.00	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Right	25.01	/	/	24.31	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	21.89	/	/	<=33	Pass
		Outer_Full	23.16	/	/	22.46	/	/	<=33	Pass
		Inner_Full	25.12	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Left	25.12	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Right	25.28	/	/	24.58	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.62	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	23.19	/	/	22.49	/	/	<=33	Pass
		Inner_Full	25.18	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	25.25	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	24.54	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	2501.01	Edge_1RB_Left	22.84	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_Full	23.82	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Left	23.79	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	23.72	/	/	23.02	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.64	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
		Outer_Full	22.73	/	/	22.03	/	/	<=33	Pass
		Inner_Full	23.75	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Left	23.66	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Right	23.73	/	/	23.03	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.74	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	21.98	/	/	<=33	Pass
		Outer_Full	22.81	/	/	22.11	/	/	<=33	Pass
		Inner_Full	23.86	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	23.84	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	23.08	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2501.01	Edge_1RB_Left	21.69	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	21.76	/	/	21.06	/	/	<=33	Pass
		Outer_Full	20.88	/	/	20.18	/	/	<=33	Pass
		Inner_Full	21.64	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Left	21.78	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Right	21.75	/	/	21.05	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	21.62	/	/	20.93	/	/	<=33	Pass
		Outer_Full	20.63	/	/	19.93	/	/	<=33	Pass
		Inner_Full	21.42	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Left	21.65	/	/	20.95	/	/	<=33	Pass
		Inner_1RB_Right	21.65	/	/	20.95	/	/	<=33	Pass
	2685	Edge_1RB_Left	21.69	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	21.07	/	/	<=33	Pass
		Outer_Full	20.70	/	/	20.00	/	/	<=33	Pass
		Inner_Full	21.60	/	/	20.90	/	/	<=33	Pass
		Inner_1RB_Left	21.79	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Right	21.82	/	/	21.12	/	/	<=33	Pass
CP-OFDM QPSK	2501.01	Edge_1RB_Left	22.96	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.20	/	/	<=33	Pass
		Outer_Full	22.38	/	/	21.68	/	/	<=33	Pass
		Inner_Full	24.78	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	24.74	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Right	24.77	/	/	24.07	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.65	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.09	/	/	<=33	Pass
		Outer_Full	22.20	/	/	21.50	/	/	<=33	Pass
		Inner_Full	24.60	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Left	24.55	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	24.09	/	/	<=33	Pass
	2685	Edge_1RB_Left	23.03	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	22.30	/	/	<=33	Pass
		Outer_Full	22.44	/	/	21.74	/	/	<=33	Pass
		Inner_Full	24.76	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	24.86	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	24.82	/	/	24.12	/	/	<=33	Pass
CP-OFDM 16 QAM	2501.01	Edge_1RB_Left	22.59	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	21.85	/	/	<=33	Pass
		Outer_Full	22.18	/	/	21.48	/	/	<=33	Pass
		Inner_Full	24.19	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	24.08	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	23.38	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.36	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	21.81	/	/	<=33	Pass
		Outer_Full	21.92	/	/	21.22	/	/	<=33	Pass
		Inner_Full	24.22	/	/	23.52	/	/	<=33	Pass

		Inner_1RB_Left	23.99	/	/	23.29	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	23.35	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.64	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	21.96	/	/	<=33	Pass
		Outer_Full	22.34	/	/	21.64	/	/	<=33	Pass
		Inner_Full	24.24	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	24.02	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Right	24.19	/	/	23.49	/	/	<=33	Pass
CP-OFDM 64 QAM	2501.01	Edge_1RB_Left	22.79	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass
		Outer_Full	21.83	/	/	21.13	/	/	<=33	Pass
		Inner_Full	22.94	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.72	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.14	/	/	<=33	Pass
		Outer_Full	21.69	/	/	20.99	/	/	<=33	Pass
		Inner_Full	22.66	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	22.11	/	/	<=33	Pass
	2685	Edge_1RB_Left	22.76	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	21.84	/	/	21.14	/	/	<=33	Pass
		Inner_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	22.22	/	/	<=33	Pass
CP-OFDM 256 QAM	2501.01	Edge_1RB_Left	19.66	/	/	18.97	/	/	<=33	Pass
		Edge_1RB_Right	19.75	/	/	19.05	/	/	<=33	Pass
		Outer_Full	18.79	/	/	18.09	/	/	<=33	Pass
		Inner_Full	19.57	/	/	18.87	/	/	<=33	Pass
		Inner_1RB_Left	19.69	/	/	18.99	/	/	<=33	Pass
		Inner_1RB_Right	19.70	/	/	19.01	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.75	/	/	19.06	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	18.98	/	/	<=33	Pass
		Outer_Full	18.69	/	/	17.99	/	/	<=33	Pass
		Inner_Full	19.45	/	/	18.75	/	/	<=33	Pass
		Inner_1RB_Left	19.67	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Right	19.81	/	/	19.11	/	/	<=33	Pass
	2685	Edge_1RB_Left	19.75	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	19.86	/	/	19.16	/	/	<=33	Pass
		Outer_Full	18.86	/	/	18.17	/	/	<=33	Pass
		Inner_Full	19.66	/	/	18.96	/	/	<=33	Pass
		Inner_1RB_Left	19.78	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Right	19.91	/	/	19.21	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_15M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2503.5	Edge_1RB_Left	22.77	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass
		Outer_Full	25.73	/	/	25.03	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	26.14	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	26.13	/	/	25.43	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.65	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
		Outer_Full	25.73	/	/	25.04	/	/	<=33	Pass
		Inner_Full	26.17	/	/	25.47	/	/	<=33	Pass

		Inner_1RB_Left	26.09	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Right	26.18	/	/	25.48	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.86	/	/	22.17	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass
		Outer_Full	25.69	/	/	24.99	/	/	<=33	Pass
		Inner_Full	26.23	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Left	26.16	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Right	26.15	/	/	25.45	/	/	<=33	Pass
DFT-s-OFDM QPSK	2503.5	Edge_1RB_Left	22.86	/	/	22.16	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
		Outer_Full	23.85	/	/	23.15	/	/	<=33	Pass
		Inner_Full	26.12	/	/	25.42	/	/	<=33	Pass
		Inner_1RB_Left	26.28	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Right	26.15	/	/	25.45	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.72	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	23.74	/	/	23.04	/	/	<=33	Pass
		Inner_Full	26.13	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Left	26.13	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	25.60	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.95	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	22.89	/	/	22.20	/	/	<=33	Pass
		Outer_Full	23.98	/	/	23.28	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	26.30	/	/	25.60	/	/	<=33	Pass
		Inner_1RB_Right	26.18	/	/	25.48	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2503.5	Edge_1RB_Left	22.60	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	21.81	/	/	<=33	Pass
		Outer_Full	24.20	/	/	23.51	/	/	<=33	Pass
		Inner_Full	25.18	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	25.00	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Right	25.17	/	/	24.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.51	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
		Outer_Full	24.18	/	/	23.48	/	/	<=33	Pass
		Inner_Full	25.16	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	25.05	/	/	24.35	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.75	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass
		Outer_Full	24.31	/	/	23.61	/	/	<=33	Pass
		Inner_Full	25.18	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Right	25.08	/	/	24.38	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2503.5	Edge_1RB_Left	22.64	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	21.83	/	/	<=33	Pass
		Outer_Full	23.91	/	/	23.21	/	/	<=33	Pass
		Inner_Full	23.81	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	22.95	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	23.73	/	/	23.03	/	/	<=33	Pass
		Inner_Full	23.69	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Left	23.62	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	22.97	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.89	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
		Outer_Full	23.96	/	/	23.26	/	/	<=33	Pass
		Inner_Full	23.84	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Right	23.77	/	/	23.07	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2503.5	Edge_1RB_Left	21.75	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	20.91	/	/	<=33	Pass

		Outer_Full	21.87	/	/	21.17	/	/	<=33	Pass
		Inner_Full	21.80	/	/	21.10	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	20.88	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.50	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	20.89	/	/	<=33	Pass
		Outer_Full	21.73	/	/	21.03	/	/	<=33	Pass
		Inner_Full	21.68	/	/	20.98	/	/	<=33	Pass
	2682.48	Inner_1RB_Left	21.60	/	/	20.90	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Left	21.72	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	21.78	/	/	21.08	/	/	<=33	Pass
		Outer_Full	21.95	/	/	21.25	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	21.04	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	21.08	/	/	<=33	Pass
CP-OFDM QPSK	2503.5	Edge_1RB_Left	22.79	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	21.97	/	/	<=33	Pass
		Outer_Full	23.29	/	/	22.59	/	/	<=33	Pass
		Inner_Full	24.64	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	24.57	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	24.57	/	/	23.87	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.44	/	/	21.74	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	21.97	/	/	<=33	Pass
		Outer_Full	23.18	/	/	22.48	/	/	<=33	Pass
		Inner_Full	24.57	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Left	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	24.60	/	/	23.90	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.98	/	/	22.28	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.20	/	/	<=33	Pass
		Outer_Full	23.44	/	/	22.74	/	/	<=33	Pass
		Inner_Full	24.69	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Left	24.72	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Right	24.65	/	/	23.95	/	/	<=33	Pass
CP-OFDM 16 QAM	2503.5	Edge_1RB_Left	22.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	21.71	/	/	<=33	Pass
		Outer_Full	23.23	/	/	22.53	/	/	<=33	Pass
		Inner_Full	24.27	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Right	23.98	/	/	23.28	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.32	/	/	21.62	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	21.74	/	/	<=33	Pass
		Outer_Full	23.16	/	/	22.46	/	/	<=33	Pass
		Inner_Full	24.07	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	23.91	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	23.25	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
		Outer_Full	23.36	/	/	22.66	/	/	<=33	Pass
		Inner_Full	24.20	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	23.87	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	23.30	/	/	<=33	Pass
CP-OFDM 64 QAM	2503.5	Edge_1RB_Left	22.80	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	21.83	/	/	<=33	Pass
		Outer_Full	22.82	/	/	22.12	/	/	<=33	Pass
		Inner_Full	22.74	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.62	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
		Outer_Full	22.78	/	/	22.08	/	/	<=33	Pass
		Inner_Full	22.64	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass

	2682.48	Edge_1RB_Left	22.63	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.15	/	/	<=33	Pass
		Outer_Full	22.93	/	/	22.23	/	/	<=33	Pass
		Inner_Full	22.90	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
CP-OFDM 256 QAM	2503.5	Edge_1RB_Left	19.66	/	/	18.96	/	/	<=33	Pass
		Edge_1RB_Right	19.62	/	/	18.92	/	/	<=33	Pass
		Outer_Full	19.83	/	/	19.13	/	/	<=33	Pass
		Inner_Full	19.80	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Left	19.68	/	/	18.99	/	/	<=33	Pass
		Inner_1RB_Right	19.48	/	/	18.78	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.48	/	/	18.78	/	/	<=33	Pass
		Edge_1RB_Right	19.70	/	/	19.00	/	/	<=33	Pass
		Outer_Full	19.72	/	/	19.02	/	/	<=33	Pass
		Inner_Full	19.77	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	19.60	/	/	18.90	/	/	<=33	Pass
		Inner_1RB_Right	19.64	/	/	18.94	/	/	<=33	Pass
	2682.48	Edge_1RB_Left	19.58	/	/	18.88	/	/	<=33	Pass
		Edge_1RB_Right	19.80	/	/	19.10	/	/	<=33	Pass
		Outer_Full	19.97	/	/	19.27	/	/	<=33	Pass
		Inner_Full	19.91	/	/	19.21	/	/	<=33	Pass
		Inner_1RB_Left	19.70	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Right	19.71	/	/	19.01	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_20M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2506.02	Edge_1RB_Left	22.75	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	21.87	/	/	<=33	Pass
		Outer_Full	25.66	/	/	24.96	/	/	<=33	Pass
		Inner_Full	26.27	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Left	26.10	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	26.05	/	/	25.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.59	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	25.66	/	/	24.96	/	/	<=33	Pass
		Inner_Full	26.14	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	26.01	/	/	25.31	/	/	<=33	Pass
		Inner_1RB_Right	26.18	/	/	25.48	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.09	/	/	<=33	Pass
		Outer_Full	25.67	/	/	24.97	/	/	<=33	Pass
		Inner_Full	26.16	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	26.06	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Right	26.13	/	/	25.43	/	/	<=33	Pass
DFT-s-OFDM QPSK	2506.02	Edge_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	23.79	/	/	23.09	/	/	<=33	Pass
		Inner_Full	26.14	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	26.12	/	/	25.42	/	/	<=33	Pass
		Inner_1RB_Right	26.09	/	/	25.39	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.70	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	21.97	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_Full	26.10	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Left	26.14	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Right	26.24	/	/	25.54	/	/	<=33	Pass

	2679.99	Edge_1RB_Left	22.93	/	/	22.23	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.13	/	/	<=33	Pass
		Outer_Full	23.93	/	/	23.23	/	/	<=33	Pass
		Inner_Full	26.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	26.19	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Right	26.29	/	/	25.59	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.79	/	/	<=33	Pass
		Outer_Full	24.27	/	/	23.57	/	/	<=33	Pass
		Inner_Full	25.26	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	24.96	/	/	24.26	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.53	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.92	/	/	<=33	Pass
		Outer_Full	24.15	/	/	23.45	/	/	<=33	Pass
		Inner_Full	25.16	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	24.22	/	/	<=33	Pass
		Inner_1RB_Right	25.03	/	/	24.33	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.64	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	21.98	/	/	<=33	Pass
		Outer_Full	24.39	/	/	23.69	/	/	<=33	Pass
		Inner_Full	25.23	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	25.19	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	24.32	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2506.02	Edge_1RB_Left	22.73	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	21.90	/	/	<=33	Pass
		Outer_Full	23.82	/	/	23.13	/	/	<=33	Pass
		Inner_Full	23.89	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	22.98	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	22.88	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.51	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	23.68	/	/	22.98	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	22.88	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	22.96	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.74	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.10	/	/	<=33	Pass
		Outer_Full	23.93	/	/	23.24	/	/	<=33	Pass
		Inner_Full	24.00	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Right	23.76	/	/	23.06	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2506.02	Edge_1RB_Left	21.75	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Right	21.57	/	/	20.87	/	/	<=33	Pass
		Outer_Full	21.80	/	/	21.10	/	/	<=33	Pass
		Inner_Full	21.73	/	/	21.04	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Right	21.47	/	/	20.77	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.48	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	21.02	/	/	<=33	Pass
		Outer_Full	21.78	/	/	21.08	/	/	<=33	Pass
		Inner_Full	21.70	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	20.99	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	21.77	/	/	21.07	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	21.10	/	/	<=33	Pass
		Outer_Full	21.95	/	/	21.25	/	/	<=33	Pass
		Inner_Full	21.86	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	21.66	/	/	20.96	/	/	<=33	Pass
		Inner_1RB_Right	21.80	/	/	21.10	/	/	<=33	Pass
CP-OFDM QPSK	2506.02	Edge_1RB_Left	22.73	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	23.29	/	/	22.59	/	/	<=33	Pass
		Inner_Full	24.70	/	/	24.00	/	/	<=33	Pass

		Inner_1RB_Left	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	24.57	/	/	23.87	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.39	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	21.90	/	/	<=33	Pass
		Outer_Full	23.16	/	/	22.47	/	/	<=33	Pass
		Inner_Full	24.67	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Left	24.32	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Right	24.53	/	/	23.83	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.96	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.15	/	/	<=33	Pass
		Outer_Full	23.47	/	/	22.77	/	/	<=33	Pass
		Inner_Full	24.73	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Right	24.70	/	/	24.01	/	/	<=33	Pass
CP-OFDM 16 QAM	2506.02	Edge_1RB_Left	22.49	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	21.66	/	/	<=33	Pass
		Outer_Full	23.27	/	/	22.57	/	/	<=33	Pass
		Inner_Full	24.21	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	23.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.29	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.77	/	/	<=33	Pass
		Outer_Full	23.23	/	/	22.53	/	/	<=33	Pass
		Inner_Full	24.12	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Left	23.80	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	23.30	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
		Outer_Full	23.39	/	/	22.69	/	/	<=33	Pass
		Inner_Full	24.29	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Left	23.83	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Right	23.96	/	/	23.26	/	/	<=33	Pass
CP-OFDM 64 QAM	2506.02	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	21.82	/	/	<=33	Pass
		Outer_Full	22.84	/	/	22.14	/	/	<=33	Pass
		Inner_Full	22.85	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Right	22.68	/	/	21.98	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.53	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	22.72	/	/	22.02	/	/	<=33	Pass
		Inner_Full	22.79	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	21.74	/	/	<=33	Pass
		Inner_1RB_Right	22.79	/	/	22.09	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.09	/	/	<=33	Pass
		Outer_Full	22.98	/	/	22.28	/	/	<=33	Pass
		Inner_Full	22.89	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	22.86	/	/	22.16	/	/	<=33	Pass
CP-OFDM 256 QAM	2506.02	Edge_1RB_Left	19.52	/	/	18.82	/	/	<=33	Pass
		Edge_1RB_Right	19.52	/	/	18.82	/	/	<=33	Pass
		Outer_Full	19.90	/	/	19.20	/	/	<=33	Pass
		Inner_Full	19.75	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Left	19.55	/	/	18.85	/	/	<=33	Pass
		Inner_1RB_Right	19.59	/	/	18.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.41	/	/	18.72	/	/	<=33	Pass
		Edge_1RB_Right	19.65	/	/	18.95	/	/	<=33	Pass
		Outer_Full	19.81	/	/	19.11	/	/	<=33	Pass
		Inner_Full	19.77	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	19.48	/	/	18.78	/	/	<=33	Pass
		Inner_1RB_Right	19.74	/	/	19.04	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	19.63	/	/	18.93	/	/	<=33	Pass
		Edge_1RB_Right	19.78	/	/	19.08	/	/	<=33	Pass

		Outer_Full	19.96	/	/	19.26	/	/	<=33	Pass
		Inner_Full	19.89	/	/	19.19	/	/	<=33	Pass
		Inner_1RB_Left	19.63	/	/	18.93	/	/	<=33	Pass
		Inner_1RB_Right	19.83	/	/	19.13	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_30M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Edge_1RB_Left	22.69	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	24.71	/	/	24.01	/	/	<=33	Pass
		Inner_Full	26.25	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Left	26.13	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Right	26.16	/	/	25.46	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.54	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	24.73	/	/	24.03	/	/	<=33	Pass
		Inner_Full	26.23	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Left	26.07	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Right	26.25	/	/	25.55	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.76	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	22.80	/	/	22.10	/	/	<=33	Pass
		Outer_Full	24.83	/	/	24.13	/	/	<=33	Pass
		Inner_Full	26.28	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Left	26.19	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Right	26.22	/	/	25.52	/	/	<=33	Pass
DFT-s-OFDM QPSK	2511	Edge_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	21.95	/	/	<=33	Pass
		Outer_Full	22.75	/	/	22.05	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	26.25	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Right	26.34	/	/	25.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.68	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.13	/	/	<=33	Pass
		Outer_Full	22.74	/	/	22.04	/	/	<=33	Pass
		Inner_Full	26.16	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	26.21	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Right	26.40	/	/	25.70	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.85	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.21	/	/	<=33	Pass
		Outer_Full	22.96	/	/	22.26	/	/	<=33	Pass
		Inner_Full	26.23	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Left	26.37	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Right	26.49	/	/	25.79	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Edge_1RB_Left	22.51	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.79	/	/	<=33	Pass
		Outer_Full	23.29	/	/	22.59	/	/	<=33	Pass
		Inner_Full	25.22	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Left	25.02	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	24.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.45	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	23.22	/	/	22.52	/	/	<=33	Pass
		Inner_Full	25.17	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Left	24.94	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	25.31	/	/	24.61	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.56	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass

		Outer_Full	23.46	/	/	22.76	/	/	<=33	Pass
		Inner_Full	25.29	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	25.09	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	24.43	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2511	Edge_1RB_Left	22.68	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	21.83	/	/	<=33	Pass
		Outer_Full	22.78	/	/	22.08	/	/	<=33	Pass
		Inner_Full	23.83	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	23.65	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	22.94	/	/	<=33	Pass
		Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
	2592.99	Outer_Full	22.70	/	/	22.00	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	23.54	/	/	22.84	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	23.00	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.75	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
		Outer_Full	23.00	/	/	22.30	/	/	<=33	Pass
		Inner_Full	23.96	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	23.80	/	/	23.10	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2511	Edge_1RB_Left	21.57	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	20.90	/	/	<=33	Pass
		Outer_Full	20.78	/	/	20.08	/	/	<=33	Pass
		Inner_Full	21.75	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Right	21.60	/	/	20.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.43	/	/	20.73	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	21.00	/	/	<=33	Pass
		Outer_Full	20.78	/	/	20.08	/	/	<=33	Pass
		Inner_Full	21.76	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	21.53	/	/	20.83	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	20.95	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	21.72	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	20.98	/	/	<=33	Pass
		Outer_Full	20.95	/	/	20.25	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	21.11	/	/	<=33	Pass
CP-OFDM QPSK	2511	Edge_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	21.97	/	/	<=33	Pass
		Outer_Full	22.19	/	/	21.49	/	/	<=33	Pass
		Inner_Full	24.77	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	24.61	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Right	24.64	/	/	23.94	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.39	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	21.98	/	/	<=33	Pass
		Outer_Full	22.21	/	/	21.51	/	/	<=33	Pass
		Inner_Full	24.62	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Left	24.45	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	24.09	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.83	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.21	/	/	<=33	Pass
		Outer_Full	22.48	/	/	21.78	/	/	<=33	Pass
		Inner_Full	24.89	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Left	24.70	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Right	24.92	/	/	24.22	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Edge_1RB_Left	22.39	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	22.38	/	/	21.68	/	/	<=33	Pass
		Outer_Full	22.25	/	/	21.55	/	/	<=33	Pass
		Inner_Full	24.22	/	/	23.52	/	/	<=33	Pass
		Inner_1RB_Left	23.93	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Right	24.04	/	/	23.34	/	/	<=33	Pass

	2592.99	Edge_1RB_Left	22.25	/	/	21.55	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.79	/	/	<=33	Pass
		Outer_Full	22.23	/	/	21.53	/	/	<=33	Pass
		Inner_Full	24.16	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Left	23.91	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	23.37	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	21.95	/	/	<=33	Pass
		Outer_Full	22.48	/	/	21.78	/	/	<=33	Pass
		Inner_Full	24.32	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Left	23.98	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	23.43	/	/	<=33	Pass
CP-OFDM 64 QAM	2511	Edge_1RB_Left	22.77	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass
		Outer_Full	21.75	/	/	21.05	/	/	<=33	Pass
		Inner_Full	22.77	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.45	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
		Outer_Full	21.74	/	/	21.04	/	/	<=33	Pass
		Inner_Full	22.76	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Left	22.62	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.75	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass
		Outer_Full	21.98	/	/	21.28	/	/	<=33	Pass
		Inner_Full	22.90	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Right	22.84	/	/	22.14	/	/	<=33	Pass
CP-OFDM 256 QAM	2511	Edge_1RB_Left	19.48	/	/	18.78	/	/	<=33	Pass
		Edge_1RB_Right	19.46	/	/	18.76	/	/	<=33	Pass
		Outer_Full	18.78	/	/	18.08	/	/	<=33	Pass
		Inner_Full	19.79	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Left	19.47	/	/	18.77	/	/	<=33	Pass
		Inner_1RB_Right	19.55	/	/	18.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.50	/	/	18.80	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	19.04	/	/	<=33	Pass
		Outer_Full	18.82	/	/	18.12	/	/	<=33	Pass
		Inner_Full	19.74	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Left	19.45	/	/	18.76	/	/	<=33	Pass
		Inner_1RB_Right	19.64	/	/	18.94	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	19.58	/	/	18.88	/	/	<=33	Pass
		Edge_1RB_Right	19.75	/	/	19.06	/	/	<=33	Pass
		Outer_Full	18.95	/	/	18.25	/	/	<=33	Pass
		Inner_Full	19.90	/	/	19.20	/	/	<=33	Pass
		Inner_1RB_Left	19.52	/	/	18.82	/	/	<=33	Pass
		Inner_1RB_Right	19.78	/	/	19.08	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_40M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Edge_1RB_Left	22.73	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass
		Outer_Full	25.65	/	/	24.95	/	/	<=33	Pass
		Inner_Full	26.20	/	/	25.50	/	/	<=33	Pass
		Inner_1RB_Left	26.16	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Right	26.19	/	/	25.49	/	/	<=33	Pass

	2592.99	Edge_1RB_Left	22.60	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass
		Outer_Full	25.71	/	/	25.01	/	/	<=33	Pass
		Inner_Full	26.20	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Left	26.10	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	26.31	/	/	25.61	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.77	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.17	/	/	<=33	Pass
		Outer_Full	25.82	/	/	25.12	/	/	<=33	Pass
		Inner_Full	26.34	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Left	26.12	/	/	25.42	/	/	<=33	Pass
		Inner_1RB_Right	26.23	/	/	25.54	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Left	22.77	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.68	/	/	22.98	/	/	<=33	Pass
		Inner_Full	26.17	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	26.37	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Right	26.32	/	/	25.62	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.72	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	22.21	/	/	<=33	Pass
		Outer_Full	23.68	/	/	22.98	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	26.14	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Right	26.47	/	/	25.77	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.89	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	22.30	/	/	<=33	Pass
		Outer_Full	23.97	/	/	23.27	/	/	<=33	Pass
		Inner_Full	26.32	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	26.36	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Right	26.48	/	/	25.78	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	21.86	/	/	<=33	Pass
		Outer_Full	24.27	/	/	23.57	/	/	<=33	Pass
		Inner_Full	25.18	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	25.25	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	25.05	/	/	24.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.48	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	24.25	/	/	23.55	/	/	<=33	Pass
		Inner_Full	25.19	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	24.99	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Right	25.39	/	/	24.69	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	24.45	/	/	23.75	/	/	<=33	Pass
		Inner_Full	25.26	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	24.96	/	/	24.26	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	24.39	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2516.01	Edge_1RB_Left	22.71	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	22.02	/	/	<=33	Pass
		Outer_Full	23.75	/	/	23.05	/	/	<=33	Pass
		Inner_Full	23.71	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Left	23.66	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Right	23.69	/	/	22.99	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.50	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	21.99	/	/	<=33	Pass
		Outer_Full	23.70	/	/	23.00	/	/	<=33	Pass
		Inner_Full	23.70	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	22.88	/	/	<=33	Pass
		Inner_1RB_Right	23.79	/	/	23.09	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	22.24	/	/	<=33	Pass
		Outer_Full	23.97	/	/	23.27	/	/	<=33	Pass
		Inner_Full	23.98	/	/	23.28	/	/	<=33	Pass

		Inner_1RB_Left	23.69	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	23.85	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2516.01	Edge_1RB_Left	21.61	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	20.90	/	/	<=33	Pass
		Outer_Full	21.69	/	/	20.99	/	/	<=33	Pass
		Inner_Full	21.77	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Right	21.66	/	/	20.96	/	/	<=33	Pass
		Edge_1RB_Left	21.48	/	/	20.79	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	21.80	/	/	21.10	/	/	<=33	Pass
		Outer_Full	21.73	/	/	21.03	/	/	<=33	Pass
		Inner_Full	21.77	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	21.46	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Right	21.71	/	/	21.01	/	/	<=33	Pass
	2670	Edge_1RB_Left	21.71	/	/	21.01	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	21.18	/	/	<=33	Pass
		Outer_Full	21.97	/	/	21.27	/	/	<=33	Pass
		Inner_Full	22.03	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	21.20	/	/	<=33	Pass
CP-OFDM QPSK	2516.01	Edge_1RB_Left	22.68	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	23.19	/	/	22.49	/	/	<=33	Pass
		Inner_Full	24.67	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Left	24.52	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	24.13	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.42	/	/	21.72	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.13	/	/	22.43	/	/	<=33	Pass
		Inner_Full	24.69	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Left	24.48	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	24.61	/	/	23.91	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.81	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	22.31	/	/	<=33	Pass
		Outer_Full	23.44	/	/	22.74	/	/	<=33	Pass
		Inner_Full	24.88	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	24.57	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	24.81	/	/	24.11	/	/	<=33	Pass
CP-OFDM 16 QAM	2516.01	Edge_1RB_Left	22.44	/	/	21.74	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	21.81	/	/	<=33	Pass
		Outer_Full	23.18	/	/	22.48	/	/	<=33	Pass
		Inner_Full	24.19	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	23.98	/	/	23.28	/	/	<=33	Pass
		Inner_1RB_Right	24.01	/	/	23.31	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.31	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
		Outer_Full	23.23	/	/	22.53	/	/	<=33	Pass
		Inner_Full	24.23	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	23.85	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	24.11	/	/	23.41	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.59	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.09	/	/	<=33	Pass
		Outer_Full	23.44	/	/	22.74	/	/	<=33	Pass
		Inner_Full	24.44	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	23.45	/	/	<=33	Pass
CP-OFDM 64 QAM	2516.01	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	22.02	/	/	<=33	Pass
		Outer_Full	22.73	/	/	22.03	/	/	<=33	Pass
		Inner_Full	22.73	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass

		Outer_Full	22.75	/	/	22.05	/	/	<=33	Pass	
		Inner_Full	22.74	/	/	22.04	/	/	<=33	Pass	
		Inner_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass	
		Inner_1RB_Right	22.86	/	/	22.16	/	/	<=33	Pass	
	2670	Edge_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass	
		Edge_1RB_Right	22.92	/	/	22.22	/	/	<=33	Pass	
		Outer_Full	23.00	/	/	22.30	/	/	<=33	Pass	
		Inner_Full	22.95	/	/	22.25	/	/	<=33	Pass	
		Inner_1RB_Left	22.78	/	/	22.08	/	/	<=33	Pass	
		Inner_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass	
CP-OFDM 256 QAM	2516.01	Edge_1RB_Left	19.55	/	/	18.85	/	/	<=33	Pass	
		Edge_1RB_Right	19.63	/	/	18.93	/	/	<=33	Pass	
		Outer_Full	19.76	/	/	19.06	/	/	<=33	Pass	
		Inner_Full	19.68	/	/	18.98	/	/	<=33	Pass	
		Inner_1RB_Left	19.50	/	/	18.80	/	/	<=33	Pass	
		Inner_1RB_Right	19.62	/	/	18.92	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	19.59	/	/	18.89	/	/	<=33	Pass	
		Edge_1RB_Right	19.83	/	/	19.13	/	/	<=33	Pass	
		Outer_Full	19.80	/	/	19.10	/	/	<=33	Pass	
		Inner_Full	19.73	/	/	19.03	/	/	<=33	Pass	
		Inner_1RB_Left	19.45	/	/	18.75	/	/	<=33	Pass	
		Inner_1RB_Right	19.72	/	/	19.02	/	/	<=33	Pass	
	2670	Edge_1RB_Left	19.70	/	/	19.00	/	/	<=33	Pass	
		Edge_1RB_Right	19.91	/	/	19.21	/	/	<=33	Pass	
		Outer_Full	20.01	/	/	19.31	/	/	<=33	Pass	
		Inner_Full	19.95	/	/	19.25	/	/	<=33	Pass	
		Inner_1RB_Left	19.72	/	/	19.02	/	/	<=33	Pass	
		Inner_1RB_Right	19.86	/	/	19.16	/	/	<=33	Pass	
	Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_50M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.02	Edge_1RB_Left	22.59	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	25.68	/	/	24.98	/	/	<=33	Pass
		Inner_Full	26.24	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	26.02	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Right	26.13	/	/	25.43	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.46	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
		Outer_Full	25.74	/	/	25.04	/	/	<=33	Pass
		Inner_Full	26.26	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Left	25.97	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Right	26.22	/	/	25.52	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.57	/	/	21.88	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	22.11	/	/	<=33	Pass
		Outer_Full	25.79	/	/	25.09	/	/	<=33	Pass
		Inner_Full	26.31	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Left	26.00	/	/	25.30	/	/	<=33	Pass
		Inner_1RB_Right	26.23	/	/	25.53	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	22.63	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
		Outer_Full	23.68	/	/	22.98	/	/	<=33	Pass
		Inner_Full	26.20	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Left	26.29	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Right	26.25	/	/	25.55	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.39	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass

		Outer_Full	23.67	/	/	22.97	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	26.05	/	/	25.35	/	/	<=33	Pass
		Inner_1RB_Right	26.42	/	/	25.72	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.68	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	22.87	/	/	22.17	/	/	<=33	Pass
		Outer_Full	23.96	/	/	23.26	/	/	<=33	Pass
		Inner_Full	26.31	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Left	26.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	26.38	/	/	25.68	/	/	<=33	Pass
		Edge_1RB_Left	22.50	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	21.72	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Outer_Full	24.23	/	/	23.53	/	/	<=33	Pass
		Inner_Full	25.23	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	24.22	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	24.43	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.31	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	21.87	/	/	<=33	Pass
		Outer_Full	24.26	/	/	23.56	/	/	<=33	Pass
		Inner_Full	25.20	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Left	25.02	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	24.39	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.43	/	/	21.73	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	21.88	/	/	<=33	Pass
		Outer_Full	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_Full	25.29	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	24.86	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	25.11	/	/	24.41	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Edge_1RB_Left	22.47	/	/	21.77	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	21.96	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	23.57	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Right	23.60	/	/	22.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.41	/	/	21.71	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	21.95	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_Full	23.74	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Left	23.37	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	23.67	/	/	22.97	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass
		Outer_Full	23.96	/	/	23.26	/	/	<=33	Pass
		Inner_Full	23.94	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	22.83	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	23.05	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Edge_1RB_Left	21.45	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	21.63	/	/	20.93	/	/	<=33	Pass
		Outer_Full	21.73	/	/	21.03	/	/	<=33	Pass
		Inner_Full	21.74	/	/	21.04	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	20.91	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.43	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	21.58	/	/	20.88	/	/	<=33	Pass
		Outer_Full	21.79	/	/	21.09	/	/	<=33	Pass
		Inner_Full	21.76	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	21.46	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	21.00	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.55	/	/	20.85	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	21.02	/	/	<=33	Pass
		Outer_Full	21.93	/	/	21.23	/	/	<=33	Pass
		Inner_Full	21.97	/	/	21.27	/	/	<=33	Pass
		Inner_1RB_Left	21.50	/	/	20.80	/	/	<=33	Pass
		Inner_1RB_Right	21.79	/	/	21.09	/	/	<=33	Pass

CP-OFDM QPSK	2521.02	Edge_1RB_Left	22.56	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	21.96	/	/	<=33	Pass
		Outer_Full	23.16	/	/	22.46	/	/	<=33	Pass
		Inner_Full	24.67	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Left	24.57	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Right	24.63	/	/	23.93	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.28	/	/	21.58	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	21.89	/	/	<=33	Pass
		Outer_Full	23.16	/	/	22.46	/	/	<=33	Pass
		Inner_Full	24.67	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Left	24.43	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Right	24.46	/	/	23.76	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass
		Outer_Full	23.39	/	/	22.69	/	/	<=33	Pass
		Inner_Full	24.88	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	24.68	/	/	23.99	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge_1RB_Left	22.33	/	/	21.63	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	21.72	/	/	<=33	Pass
		Outer_Full	23.15	/	/	22.45	/	/	<=33	Pass
		Inner_Full	24.20	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	23.85	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	23.96	/	/	23.26	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.15	/	/	21.45	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	21.71	/	/	<=33	Pass
		Outer_Full	23.20	/	/	22.50	/	/	<=33	Pass
		Inner_Full	24.18	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Left	23.71	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	24.05	/	/	23.35	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.33	/	/	21.63	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	23.44	/	/	22.74	/	/	<=33	Pass
		Inner_Full	24.39	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	23.74	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	23.38	/	/	<=33	Pass
CP-OFDM 64 QAM	2521.02	Edge_1RB_Left	22.63	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	22.67	/	/	21.97	/	/	<=33	Pass
		Outer_Full	22.73	/	/	22.03	/	/	<=33	Pass
		Inner_Full	22.72	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	22.63	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Right	22.62	/	/	21.92	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.38	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	22.09	/	/	<=33	Pass
		Outer_Full	22.77	/	/	22.07	/	/	<=33	Pass
		Inner_Full	22.75	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	22.55	/	/	21.85	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	22.02	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.63	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass
		Outer_Full	22.98	/	/	22.28	/	/	<=33	Pass
		Inner_Full	22.90	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Left	22.63	/	/	21.93	/	/	<=33	Pass
		Inner_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass
CP-OFDM 256 QAM	2521.02	Edge_1RB_Left	19.46	/	/	18.76	/	/	<=33	Pass
		Edge_1RB_Right	19.44	/	/	18.74	/	/	<=33	Pass
		Outer_Full	19.72	/	/	19.02	/	/	<=33	Pass
		Inner_Full	19.77	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	19.46	/	/	18.76	/	/	<=33	Pass
		Inner_1RB_Right	19.52	/	/	18.83	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.40	/	/	18.70	/	/	<=33	Pass
		Edge_1RB_Right	19.73	/	/	19.04	/	/	<=33	Pass
		Outer_Full	19.76	/	/	19.06	/	/	<=33	Pass
		Inner_Full	19.82	/	/	19.12	/	/	<=33	Pass

		Inner_1RB_Left	19.34	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Right	19.71	/	/	19.01	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	19.53	/	/	18.83	/	/	<=33	Pass
		Edge_1RB_Right	19.79	/	/	19.09	/	/	<=33	Pass
		Outer_Full	19.94	/	/	19.24	/	/	<=33	Pass
		Inner_Full	19.98	/	/	19.28	/	/	<=33	Pass
		Inner_1RB_Left	19.54	/	/	18.84	/	/	<=33	Pass
		Inner_1RB_Right	19.73	/	/	19.03	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_60M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	2526	Edge_1RB_Left	22.70	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	21.98	/	/	<=33	Pass
		Outer_Full	25.66	/	/	24.96	/	/	<=33	Pass
		Inner_Full	26.23	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	26.14	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	26.22	/	/	25.52	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.56	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.13	/	/	<=33	Pass
		Outer_Full	25.68	/	/	24.98	/	/	<=33	Pass
		Inner_Full	26.23	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Left	26.02	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	25.61	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.68	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	22.18	/	/	<=33	Pass
		Outer_Full	25.82	/	/	25.12	/	/	<=33	Pass
		Inner_Full	26.34	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Left	26.11	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Right	26.28	/	/	25.58	/	/	<=33	Pass
DFT-s-OFDM QPSK	2526	Edge_1RB_Left	22.72	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	22.02	/	/	<=33	Pass
		Outer_Full	23.71	/	/	23.01	/	/	<=33	Pass
		Inner_Full	26.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	26.30	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Right	26.35	/	/	25.65	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.62	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	23.67	/	/	22.97	/	/	<=33	Pass
		Inner_Full	26.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	26.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	26.45	/	/	25.75	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.75	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	22.26	/	/	<=33	Pass
		Outer_Full	23.88	/	/	23.18	/	/	<=33	Pass
		Inner_Full	26.24	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	26.25	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Right	26.44	/	/	25.74	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Left	22.46	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	21.81	/	/	<=33	Pass
		Outer_Full	24.29	/	/	23.59	/	/	<=33	Pass
		Inner_Full	25.20	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Left	25.03	/	/	24.33	/	/	<=33	Pass
		Inner_1RB_Right	25.04	/	/	24.34	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.37	/	/	21.67	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
		Outer_Full	24.20	/	/	23.50	/	/	<=33	Pass
		Inner_Full	25.18	/	/	24.48	/	/	<=33	Pass

		Inner_1RB_Left	24.88	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Right	25.39	/	/	24.69	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.42	/	/	21.72	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	24.33	/	/	23.63	/	/	<=33	Pass
		Inner_Full	25.27	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	24.91	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	25.11	/	/	24.41	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Edge_1RB_Left	22.62	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass
		Outer_Full	23.71	/	/	23.01	/	/	<=33	Pass
		Inner_Full	23.67	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Left	23.67	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Right	23.71	/	/	23.01	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.50	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	23.71	/	/	23.01	/	/	<=33	Pass
		Inner_Full	23.71	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	23.08	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.56	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	22.11	/	/	<=33	Pass
		Outer_Full	23.88	/	/	23.18	/	/	<=33	Pass
		Inner_Full	23.84	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Left	23.60	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Right	23.80	/	/	23.10	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Edge_1RB_Left	21.65	/	/	20.95	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	20.99	/	/	<=33	Pass
		Outer_Full	21.73	/	/	21.03	/	/	<=33	Pass
		Inner_Full	21.69	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Right	21.72	/	/	21.02	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.49	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	21.00	/	/	<=33	Pass
		Outer_Full	21.71	/	/	21.01	/	/	<=33	Pass
		Inner_Full	21.77	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	21.50	/	/	20.80	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	21.11	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.58	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	21.10	/	/	<=33	Pass
		Outer_Full	21.85	/	/	21.15	/	/	<=33	Pass
		Inner_Full	21.93	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Left	21.61	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	21.15	/	/	<=33	Pass
CP-OFDM QPSK	2526	Edge_1RB_Left	22.59	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	23.17	/	/	22.47	/	/	<=33	Pass
		Inner_Full	24.65	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	24.51	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	23.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.31	/	/	21.61	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	23.12	/	/	22.42	/	/	<=33	Pass
		Inner_Full	24.62	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Left	24.33	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	24.52	/	/	23.82	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.58	/	/	21.88	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	22.20	/	/	<=33	Pass
		Outer_Full	23.30	/	/	22.60	/	/	<=33	Pass
		Inner_Full	24.73	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Left	24.50	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	24.72	/	/	24.02	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Edge_1RB_Left	22.38	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	21.81	/	/	<=33	Pass

		Outer_Full	23.14	/	/	22.45	/	/	<=33	Pass	
		Inner_Full	24.13	/	/	23.43	/	/	<=33	Pass	
		Inner_1RB_Left	23.86	/	/	23.16	/	/	<=33	Pass	
		Inner_1RB_Right	23.99	/	/	23.29	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	22.22	/	/	21.52	/	/	<=33	Pass	
		Edge_1RB_Right	22.54	/	/	21.84	/	/	<=33	Pass	
		Outer_Full	23.16	/	/	22.46	/	/	<=33	Pass	
		Inner_Full	24.13	/	/	23.43	/	/	<=33	Pass	
		Inner_1RB_Left	23.77	/	/	23.08	/	/	<=33	Pass	
		Inner_1RB_Right	24.16	/	/	23.46	/	/	<=33	Pass	
		2659.98	Edge_1RB_Left	22.40	/	/	21.70	/	/	<=33	Pass
			Edge_1RB_Right	22.65	/	/	21.95	/	/	<=33	Pass
	Outer_Full		23.34	/	/	22.64	/	/	<=33	Pass	
	Inner_Full		24.33	/	/	23.63	/	/	<=33	Pass	
		Inner_1RB_Left	23.88	/	/	23.18	/	/	<=33	Pass	
		Inner_1RB_Right	24.03	/	/	23.33	/	/	<=33	Pass	
CP-OFDM 64 QAM		2526	Edge_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
			Edge_1RB_Right	22.71	/	/	22.01	/	/	<=33	Pass
	Outer_Full		22.73	/	/	22.03	/	/	<=33	Pass	
	Inner_Full		22.63	/	/	21.93	/	/	<=33	Pass	
		Inner_1RB_Left	22.76	/	/	22.06	/	/	<=33	Pass	
		Inner_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass	
		2592.99	Edge_1RB_Left	22.40	/	/	21.70	/	/	<=33	Pass
			Edge_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
	Outer_Full		22.70	/	/	22.00	/	/	<=33	Pass	
	Inner_Full		22.73	/	/	22.03	/	/	<=33	Pass	
		Inner_1RB_Left	22.47	/	/	21.77	/	/	<=33	Pass	
		Inner_1RB_Right	22.87	/	/	22.17	/	/	<=33	Pass	
2659.98		Edge_1RB_Left	22.59	/	/	21.90	/	/	<=33	Pass	
		Edge_1RB_Right	22.86	/	/	22.16	/	/	<=33	Pass	
	Outer_Full	22.86	/	/	22.16	/	/	<=33	Pass		
	Inner_Full	22.88	/	/	22.18	/	/	<=33	Pass		
	Inner_1RB_Left	22.62	/	/	21.92	/	/	<=33	Pass		
	Inner_1RB_Right	22.83	/	/	22.13	/	/	<=33	Pass		
	CP-OFDM 256 QAM	2526	Edge_1RB_Left	19.51	/	/	18.81	/	/	<=33	Pass
			Edge_1RB_Right	19.56	/	/	18.86	/	/	<=33	Pass
Outer_Full			19.76	/	/	19.06	/	/	<=33	Pass	
Inner_Full			19.68	/	/	18.98	/	/	<=33	Pass	
		Inner_1RB_Left	19.58	/	/	18.88	/	/	<=33	Pass	
		Inner_1RB_Right	19.65	/	/	18.95	/	/	<=33	Pass	
		2592.99	Edge_1RB_Left	19.34	/	/	18.64	/	/	<=33	Pass
			Edge_1RB_Right	19.82	/	/	19.12	/	/	<=33	Pass
Outer_Full			19.77	/	/	19.07	/	/	<=33	Pass	
Inner_Full			19.74	/	/	19.04	/	/	<=33	Pass	
		Inner_1RB_Left	19.45	/	/	18.75	/	/	<=33	Pass	
		Inner_1RB_Right	19.75	/	/	19.05	/	/	<=33	Pass	
	2659.98	Edge_1RB_Left	19.57	/	/	18.87	/	/	<=33	Pass	
		Edge_1RB_Right	19.77	/	/	19.07	/	/	<=33	Pass	
Outer_Full		19.89	/	/	19.20	/	/	<=33	Pass		
Inner_Full		19.90	/	/	19.20	/	/	<=33	Pass		
	Inner_1RB_Left	19.69	/	/	18.99	/	/	<=33	Pass		
	Inner_1RB_Right	19.84	/	/	19.14	/	/	<=33	Pass		
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.8 30_S_80M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2536.02	Edge_1RB_Left	22.77	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	21.89	/	/	<=33	Pass

		Outer_Full	25.62	/	/	24.93	/	/	<=33	Pass
		Inner_Full	26.17	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	26.19	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Right	26.20	/	/	25.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass
		Outer_Full	25.66	/	/	24.96	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.48	/	/	<=33	Pass
	2649.99	Inner_1RB_Left	26.17	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Right	26.34	/	/	25.64	/	/	<=33	Pass
		Edge_1RB_Left	22.70	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
DFT-s-OFDM QPSK	2536.02	Outer_Full	25.70	/	/	25.00	/	/	<=33	Pass
		Inner_Full	26.21	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Left	26.21	/	/	25.51	/	/	<=33	Pass
		Inner_1RB_Right	26.16	/	/	25.46	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.89	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
		Outer_Full	23.67	/	/	22.97	/	/	<=33	Pass
		Inner_Full	26.15	/	/	25.45	/	/	<=33	Pass
	2649.99	Inner_1RB_Left	26.59	/	/	25.89	/	/	<=33	Pass
		Inner_1RB_Right	26.49	/	/	25.79	/	/	<=33	Pass
		Edge_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.93	/	/	22.23	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Outer_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_Full	26.20	/	/	25.50	/	/	<=33	Pass
		Inner_1RB_Left	26.52	/	/	25.82	/	/	<=33	Pass
		Inner_1RB_Right	26.75	/	/	26.05	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	23.88	/	/	23.18	/	/	<=33	Pass
		Inner_Full	26.13	/	/	25.43	/	/	<=33	Pass
	2649.99	Inner_1RB_Left	26.38	/	/	25.68	/	/	<=33	Pass
		Inner_1RB_Right	26.36	/	/	25.66	/	/	<=33	Pass
		Edge_1RB_Left	22.60	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	21.80	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Outer_Full	24.15	/	/	23.45	/	/	<=33	Pass
		Inner_Full	25.18	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	25.26	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Right	25.08	/	/	24.38	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	22.02	/	/	<=33	Pass
		Outer_Full	24.23	/	/	23.53	/	/	<=33	Pass
		Inner_Full	25.23	/	/	24.54	/	/	<=33	Pass
	2649.99	Inner_1RB_Left	25.18	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Right	25.58	/	/	24.88	/	/	<=33	Pass
		Edge_1RB_Left	22.50	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
	2536.02	Outer_Full	24.32	/	/	23.62	/	/	<=33	Pass
		Inner_Full	25.12	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Left	25.07	/	/	24.37	/	/	<=33	Pass
		Inner_1RB_Right	25.26	/	/	24.56	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.67	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	21.89	/	/	<=33	Pass
		Outer_Full	23.69	/	/	22.99	/	/	<=33	Pass
		Inner_Full	23.70	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Left	23.57	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	22.84	/	/	<=33	Pass
		Edge_1RB_Left	22.50	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	21.96	/	/	<=33	Pass
		Outer_Full	23.71	/	/	23.01	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	22.88	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	23.05	/	/	<=33	Pass

	2649.99	Edge_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	21.85	/	/	<=33	Pass
		Outer_Full	23.85	/	/	23.15	/	/	<=33	Pass
		Inner_Full	23.71	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Left	23.60	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Right	23.71	/	/	23.01	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge_1RB_Left	21.73	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	20.89	/	/	<=33	Pass
		Outer_Full	21.68	/	/	20.98	/	/	<=33	Pass
		Inner_Full	21.70	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	21.04	/	/	<=33	Pass
		Inner_1RB_Right	21.57	/	/	20.87	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.64	/	/	20.94	/	/	<=33	Pass
		Edge_1RB_Right	21.78	/	/	21.08	/	/	<=33	Pass
		Outer_Full	21.79	/	/	21.09	/	/	<=33	Pass
		Inner_Full	21.77	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	21.59	/	/	20.89	/	/	<=33	Pass
		Inner_1RB_Right	21.79	/	/	21.09	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.56	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	21.01	/	/	<=33	Pass
		Outer_Full	21.86	/	/	21.16	/	/	<=33	Pass
		Inner_Full	21.81	/	/	21.11	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Right	21.73	/	/	21.04	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Edge_1RB_Left	22.68	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass
		Outer_Full	23.13	/	/	22.43	/	/	<=33	Pass
		Inner_Full	24.57	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Left	24.46	/	/	23.76	/	/	<=33	Pass
		Inner_1RB_Right	24.59	/	/	23.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.57	/	/	21.88	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	23.21	/	/	22.51	/	/	<=33	Pass
		Inner_Full	24.61	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	24.66	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Right	24.61	/	/	23.91	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.74	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass
		Outer_Full	23.36	/	/	22.66	/	/	<=33	Pass
		Inner_Full	24.68	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	24.80	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	24.70	/	/	24.00	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Edge_1RB_Left	22.50	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.73	/	/	<=33	Pass
		Outer_Full	23.16	/	/	22.46	/	/	<=33	Pass
		Inner_Full	24.06	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Left	23.91	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Right	24.01	/	/	23.31	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.36	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	21.83	/	/	<=33	Pass
		Outer_Full	23.21	/	/	22.51	/	/	<=33	Pass
		Inner_Full	24.15	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	23.29	/	/	<=33	Pass
		Inner_1RB_Right	24.20	/	/	23.50	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	21.90	/	/	<=33	Pass
		Outer_Full	23.34	/	/	22.64	/	/	<=33	Pass
		Inner_Full	24.18	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Left	24.06	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Right	24.10	/	/	23.40	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.76	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass
		Outer_Full	22.67	/	/	21.97	/	/	<=33	Pass
		Inner_Full	22.65	/	/	21.95	/	/	<=33	Pass

		Inner_1RB_Left	22.69	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	22.08	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.54	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Right	22.92	/	/	22.22	/	/	<=33	Pass
		Outer_Full	22.75	/	/	22.05	/	/	<=33	Pass
		Inner_Full	22.73	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Left	22.59	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	22.23	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.68	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	22.85	/	/	22.15	/	/	<=33	Pass
		Outer_Full	22.90	/	/	22.20	/	/	<=33	Pass
		Inner_Full	22.70	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	22.11	/	/	<=33	Pass
CP-OFDM 256 QAM	2536.02	Edge_1RB_Left	19.77	/	/	19.07	/	/	<=33	Pass
		Edge_1RB_Right	19.73	/	/	19.03	/	/	<=33	Pass
		Outer_Full	19.72	/	/	19.02	/	/	<=33	Pass
		Inner_Full	19.64	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Left	19.84	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Right	19.73	/	/	19.03	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.67	/	/	18.97	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	19.21	/	/	<=33	Pass
		Outer_Full	19.76	/	/	19.06	/	/	<=33	Pass
		Inner_Full	19.77	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	19.57	/	/	18.87	/	/	<=33	Pass
		Inner_1RB_Right	19.88	/	/	19.18	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	19.65	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	19.67	/	/	18.97	/	/	<=33	Pass
		Outer_Full	19.83	/	/	19.13	/	/	<=33	Pass
		Inner_Full	19.77	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	19.67	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Right	19.66	/	/	18.96	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_90M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2541	Edge_1RB_Left	22.79	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	21.86	/	/	<=33	Pass
		Outer_Full	25.67	/	/	24.97	/	/	<=33	Pass
		Inner_Full	26.12	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Left	26.27	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Right	26.23	/	/	25.53	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.70	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass
		Outer_Full	25.70	/	/	25.00	/	/	<=33	Pass
		Inner_Full	26.18	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	26.22	/	/	25.52	/	/	<=33	Pass
		Inner_1RB_Right	26.30	/	/	25.61	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.73	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	22.03	/	/	<=33	Pass
		Outer_Full	25.75	/	/	25.06	/	/	<=33	Pass
		Inner_Full	26.17	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	26.28	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Right	26.23	/	/	25.53	/	/	<=33	Pass
DFT-s-OFDM QPSK	2541	Edge_1RB_Left	22.95	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass
		Outer_Full	23.73	/	/	23.04	/	/	<=33	Pass
		Inner_Full	26.19	/	/	25.49	/	/	<=33	Pass

		Inner_1RB_Left	26.62	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Right	26.61	/	/	25.92	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.79	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	22.92	/	/	22.22	/	/	<=33	Pass
		Outer_Full	23.76	/	/	23.06	/	/	<=33	Pass
		Inner_Full	26.23	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Left	26.47	/	/	25.77	/	/	<=33	Pass
		Inner_1RB_Right	26.83	/	/	26.13	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.73	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	22.11	/	/	<=33	Pass
		Outer_Full	23.93	/	/	23.23	/	/	<=33	Pass
		Inner_Full	26.16	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	26.39	/	/	25.69	/	/	<=33	Pass
		Inner_1RB_Right	26.39	/	/	25.69	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge_1RB_Left	22.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	21.67	/	/	<=33	Pass
		Outer_Full	24.20	/	/	23.50	/	/	<=33	Pass
		Inner_Full	25.19	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	24.39	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.50	/	/	21.81	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	22.07	/	/	<=33	Pass
		Outer_Full	24.27	/	/	23.57	/	/	<=33	Pass
		Inner_Full	25.24	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Right	25.58	/	/	24.88	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	24.39	/	/	23.69	/	/	<=33	Pass
		Inner_Full	25.13	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Right	25.26	/	/	24.56	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Edge_1RB_Left	22.69	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	21.88	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	23.75	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Right	23.55	/	/	22.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.44	/	/	21.74	/	/	<=33	Pass
		Edge_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_Full	23.72	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	23.67	/	/	22.97	/	/	<=33	Pass
		Inner_1RB_Right	23.84	/	/	23.14	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.69	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	21.85	/	/	<=33	Pass
		Outer_Full	23.89	/	/	23.19	/	/	<=33	Pass
		Inner_Full	23.75	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Left	23.65	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	22.98	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2541	Edge_1RB_Left	21.73	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Right	21.55	/	/	20.85	/	/	<=33	Pass
		Outer_Full	21.79	/	/	21.09	/	/	<=33	Pass
		Inner_Full	21.70	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	21.80	/	/	21.10	/	/	<=33	Pass
		Inner_1RB_Right	21.59	/	/	20.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.66	/	/	20.96	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	21.09	/	/	<=33	Pass
		Outer_Full	21.82	/	/	21.12	/	/	<=33	Pass
		Inner_Full	21.79	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	21.15	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.63	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	20.92	/	/	<=33	Pass

		Outer_Full	21.87	/	/	21.17	/	/	<=33	Pass
		Inner_Full	21.82	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	20.97	/	/	<=33	Pass
CP-OFDM QPSK	2541	Edge_1RB_Left	22.71	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	21.90	/	/	<=33	Pass
		Outer_Full	23.23	/	/	22.53	/	/	<=33	Pass
		Inner_Full	24.58	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	24.54	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	23.96	/	/	<=33	Pass
		Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.91	/	/	<=33	Pass
	2592.99	Outer_Full	23.15	/	/	22.45	/	/	<=33	Pass
		Inner_Full	24.62	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Left	24.74	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Right	24.68	/	/	23.98	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.81	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	22.83	/	/	22.13	/	/	<=33	Pass
		Outer_Full	23.33	/	/	22.63	/	/	<=33	Pass
		Inner_Full	24.66	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	24.85	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Right	24.65	/	/	23.95	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Edge_1RB_Left	22.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	21.67	/	/	<=33	Pass
		Outer_Full	23.20	/	/	22.50	/	/	<=33	Pass
		Inner_Full	24.10	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Left	23.97	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	23.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.35	/	/	21.65	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	21.78	/	/	<=33	Pass
		Outer_Full	23.21	/	/	22.51	/	/	<=33	Pass
		Inner_Full	24.20	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Right	24.14	/	/	23.44	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.53	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	21.87	/	/	<=33	Pass
		Outer_Full	23.41	/	/	22.71	/	/	<=33	Pass
		Inner_Full	24.26	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Left	24.14	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Right	23.98	/	/	23.28	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Edge_1RB_Left	22.79	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	22.75	/	/	22.05	/	/	<=33	Pass
		Inner_Full	22.70	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	21.94	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.59	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	22.96	/	/	22.26	/	/	<=33	Pass
		Outer_Full	22.75	/	/	22.05	/	/	<=33	Pass
		Inner_Full	22.79	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Left	22.79	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	22.22	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	22.92	/	/	22.22	/	/	<=33	Pass
		Inner_Full	22.75	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	22.79	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	22.80	/	/	22.10	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Edge_1RB_Left	19.85	/	/	19.15	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	18.90	/	/	<=33	Pass
		Outer_Full	19.75	/	/	19.05	/	/	<=33	Pass
		Inner_Full	19.66	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Left	19.89	/	/	19.19	/	/	<=33	Pass
		Inner_1RB_Right	19.66	/	/	18.96	/	/	<=33	Pass

	2592.99	Edge_1RB_Left	19.69	/	/	18.99	/	/	<=33	Pass
		Edge_1RB_Right	19.79	/	/	19.09	/	/	<=33	Pass
		Outer_Full	19.77	/	/	19.07	/	/	<=33	Pass
		Inner_Full	19.79	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Left	19.64	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Right	19.95	/	/	19.25	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	19.55	/	/	18.85	/	/	<=33	Pass
		Edge_1RB_Right	19.64	/	/	18.94	/	/	<=33	Pass
		Outer_Full	19.82	/	/	19.12	/	/	<=33	Pass
		Inner_Full	19.81	/	/	19.11	/	/	<=33	Pass
		Inner_1RB_Left	19.61	/	/	18.91	/	/	<=33	Pass
		Inner_1RB_Right	19.78	/	/	19.08	/	/	<=33	Pass
Note1: Antenna Gain: Ant4: -0.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30_S_100M_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2546.01	Edge_1RB_Left	22.80	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	21.86	/	/	<=33	Pass
		Outer_Full	25.63	/	/	24.93	/	/	<=33	Pass
		Inner_Full	26.09	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Left	26.18	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Right	26.20	/	/	25.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.64	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	22.05	/	/	<=33	Pass
		Outer_Full	25.66	/	/	24.96	/	/	<=33	Pass
		Inner_Full	26.14	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	26.25	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Right	26.27	/	/	25.57	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.65	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	22.00	/	/	<=33	Pass
		Outer_Full	25.72	/	/	25.02	/	/	<=33	Pass
		Inner_Full	26.14	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	26.18	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Right	26.19	/	/	25.49	/	/	<=33	Pass
DFT-s-OFDM QPSK	2546.01	Edge_1RB_Left	22.95	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
		Outer_Full	23.69	/	/	22.99	/	/	<=33	Pass
		Inner_Full	26.14	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	26.64	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Right	26.60	/	/	25.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.66	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	22.14	/	/	<=33	Pass
		Outer_Full	23.74	/	/	23.04	/	/	<=33	Pass
		Inner_Full	26.19	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	26.61	/	/	25.91	/	/	<=33	Pass
		Inner_1RB_Right	26.74	/	/	26.04	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.57	/	/	21.88	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	22.12	/	/	<=33	Pass
		Outer_Full	23.94	/	/	23.24	/	/	<=33	Pass
		Inner_Full	26.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	26.30	/	/	25.60	/	/	<=33	Pass
		Inner_1RB_Right	26.38	/	/	25.68	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2546.01	Edge_1RB_Left	22.66	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	21.73	/	/	<=33	Pass
		Outer_Full	24.22	/	/	23.52	/	/	<=33	Pass
		Inner_Full	25.17	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Left	25.23	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Right	24.96	/	/	24.26	/	/	<=33	Pass

	2592.99	Edge_1RB_Left	22.67	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	24.21	/	/	23.51	/	/	<=33	Pass
		Inner_Full	25.22	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	24.81	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.61	/	/	21.91	/	/	<=33	Pass
		Edge_1RB_Right	22.56	/	/	21.86	/	/	<=33	Pass
		Outer_Full	24.41	/	/	23.71	/	/	<=33	Pass
		Inner_Full	25.16	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Left	25.27	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Right	25.25	/	/	24.55	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2546.01	Edge_1RB_Left	22.73	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	21.85	/	/	<=33	Pass
		Outer_Full	23.71	/	/	23.01	/	/	<=33	Pass
		Inner_Full	23.77	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	23.60	/	/	22.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.41	/	/	21.71	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	21.90	/	/	<=33	Pass
		Outer_Full	23.75	/	/	23.05	/	/	<=33	Pass
		Inner_Full	23.80	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Left	23.64	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	23.08	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.50	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	21.96	/	/	<=33	Pass
		Outer_Full	23.89	/	/	23.19	/	/	<=33	Pass
		Inner_Full	23.76	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	22.94	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2546.01	Edge_1RB_Left	21.72	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	21.52	/	/	20.82	/	/	<=33	Pass
		Outer_Full	21.72	/	/	21.02	/	/	<=33	Pass
		Inner_Full	21.76	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	21.82	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	20.88	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.50	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	21.74	/	/	21.04	/	/	<=33	Pass
		Outer_Full	21.78	/	/	21.08	/	/	<=33	Pass
		Inner_Full	21.78	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Right	21.75	/	/	21.06	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.55	/	/	20.85	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	21.01	/	/	<=33	Pass
		Outer_Full	21.89	/	/	21.19	/	/	<=33	Pass
		Inner_Full	21.83	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Left	21.54	/	/	20.84	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	21.04	/	/	<=33	Pass
CP-OFDM QPSK	2546.01	Edge_1RB_Left	22.67	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	21.99	/	/	<=33	Pass
		Outer_Full	23.17	/	/	22.47	/	/	<=33	Pass
		Inner_Full	24.53	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	24.59	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	24.66	/	/	23.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.59	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	22.62	/	/	21.92	/	/	<=33	Pass
		Outer_Full	23.19	/	/	22.49	/	/	<=33	Pass
		Inner_Full	24.61	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Left	24.68	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Right	24.58	/	/	23.88	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.76	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	22.11	/	/	<=33	Pass
		Outer_Full	23.36	/	/	22.66	/	/	<=33	Pass
		Inner_Full	24.65	/	/	23.95	/	/	<=33	Pass

		Inner_1RB_Left	24.83	/	/	24.13	/	/	<=33	Pass	
		Inner_1RB_Right	24.72	/	/	24.02	/	/	<=33	Pass	
CP-OFDM 16 QAM	2546.01	Edge_1RB_Left	22.48	/	/	21.78	/	/	<=33	Pass	
		Edge_1RB_Right	22.42	/	/	21.72	/	/	<=33	Pass	
		Outer_Full	23.19	/	/	22.49	/	/	<=33	Pass	
		Inner_Full	24.06	/	/	23.36	/	/	<=33	Pass	
		Inner_1RB_Left	24.06	/	/	23.36	/	/	<=33	Pass	
		Inner_1RB_Right	23.96	/	/	23.26	/	/	<=33	Pass	
		Edge_1RB_Left	22.36	/	/	21.66	/	/	<=33	Pass	
		Edge_1RB_Right	22.50	/	/	21.80	/	/	<=33	Pass	
	2592.99	Outer_Full	23.20	/	/	22.50	/	/	<=33	Pass	
		Inner_Full	24.19	/	/	23.49	/	/	<=33	Pass	
		Inner_1RB_Left	24.00	/	/	23.30	/	/	<=33	Pass	
		Inner_1RB_Right	23.99	/	/	23.29	/	/	<=33	Pass	
		Edge_1RB_Left	22.49	/	/	21.79	/	/	<=33	Pass	
		Edge_1RB_Right	22.56	/	/	21.86	/	/	<=33	Pass	
	2640	Outer_Full	23.42	/	/	22.72	/	/	<=33	Pass	
		Inner_Full	24.27	/	/	23.57	/	/	<=33	Pass	
		Inner_1RB_Left	24.06	/	/	23.36	/	/	<=33	Pass	
		Inner_1RB_Right	24.09	/	/	23.39	/	/	<=33	Pass	
Edge_1RB_Left		22.80	/	/	22.10	/	/	<=33	Pass		
Edge_1RB_Right		22.63	/	/	21.93	/	/	<=33	Pass		
CP-OFDM 64 QAM	2546.01	Outer_Full	22.70	/	/	22.00	/	/	<=33	Pass	
		Inner_Full	22.68	/	/	21.99	/	/	<=33	Pass	
		Inner_1RB_Left	22.75	/	/	22.05	/	/	<=33	Pass	
		Inner_1RB_Right	22.66	/	/	21.96	/	/	<=33	Pass	
		Edge_1RB_Left	22.71	/	/	22.01	/	/	<=33	Pass	
		Edge_1RB_Right	22.87	/	/	22.17	/	/	<=33	Pass	
	2592.99	Outer_Full	22.72	/	/	22.02	/	/	<=33	Pass	
		Inner_Full	22.78	/	/	22.08	/	/	<=33	Pass	
		Inner_1RB_Left	22.68	/	/	21.98	/	/	<=33	Pass	
		Inner_1RB_Right	22.90	/	/	22.20	/	/	<=33	Pass	
		Edge_1RB_Left	22.52	/	/	21.82	/	/	<=33	Pass	
		Edge_1RB_Right	22.76	/	/	22.06	/	/	<=33	Pass	
	2640	Outer_Full	22.93	/	/	22.23	/	/	<=33	Pass	
		Inner_Full	22.76	/	/	22.06	/	/	<=33	Pass	
		Inner_1RB_Left	22.70	/	/	22.00	/	/	<=33	Pass	
		Inner_1RB_Right	22.74	/	/	22.04	/	/	<=33	Pass	
		Edge_1RB_Left	19.73	/	/	19.04	/	/	<=33	Pass	
		Edge_1RB_Right	19.62	/	/	18.92	/	/	<=33	Pass	
CP-OFDM 256 QAM	2546.01	Outer_Full	19.70	/	/	19.00	/	/	<=33	Pass	
		Inner_Full	19.66	/	/	18.96	/	/	<=33	Pass	
		Inner_1RB_Left	19.88	/	/	19.18	/	/	<=33	Pass	
		Inner_1RB_Right	19.59	/	/	18.89	/	/	<=33	Pass	
		Edge_1RB_Left	19.59	/	/	18.89	/	/	<=33	Pass	
		Edge_1RB_Right	19.91	/	/	19.21	/	/	<=33	Pass	
	2592.99	Outer_Full	19.83	/	/	19.13	/	/	<=33	Pass	
		Inner_Full	19.77	/	/	19.07	/	/	<=33	Pass	
		Inner_1RB_Left	19.65	/	/	18.95	/	/	<=33	Pass	
		Inner_1RB_Right	19.78	/	/	19.08	/	/	<=33	Pass	
		Edge_1RB_Left	19.47	/	/	18.77	/	/	<=33	Pass	
		Edge_1RB_Right	19.71	/	/	19.01	/	/	<=33	Pass	
	2640	Outer_Full	19.81	/	/	19.11	/	/	<=33	Pass	
		Inner_Full	19.77	/	/	19.07	/	/	<=33	Pass	
		Inner_1RB_Left	19.67	/	/	18.97	/	/	<=33	Pass	
		Inner_1RB_Right	19.70	/	/	19.00	/	/	<=33	Pass	
		Note1: Antenna Gain: Ant4: -0.70dBi;									
		Note2: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

5G NR n41 SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-9.95	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-8.27	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-9.19	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-2.67	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-0.87	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-2.57	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-5.13	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_NTNV

5G NR n41 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	8.66	9.52	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	8.64	9.56	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	8.66	9.51	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	8.70	9.64	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	8.71	9.59	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	8.66	9.47	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	8.72	9.58	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	8.68	9.57	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	8.69	9.44	/	Pass

3.1.2 30_S_15M_NTNV

5G NR n41 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	13.03	14.12	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	13.05	13.99	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	13.04	14.04	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	13.09	14.16	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	13.04	14.07	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	13.70	14.84	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	13.71	14.83	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	13.72	14.93	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	13.67	14.79	/	Pass

3.1.3 30_S_20M_NTNV

5G NR n41 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	18.09	19.34	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	18.13	19.39	/	Pass

DFT-s-OFDM 16 QAM	2592.99	Outer_Full	18.08	19.44	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	18.13	19.38	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	18.14	19.43	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	18.36	19.72	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	18.45	19.69	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	18.42	19.79	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	18.34	19.71	/	Pass

3.1.4 30_S_30M_NTNV

5G NR n41 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	27.07	28.98	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	27.09	29.00	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	27.13	29.11	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	27.18	29.17	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	27.19	29.16	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	28.08	30.17	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	28.01	30.12	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	28.06	30.15	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	28.01	30.04	/	Pass

3.1.5 30_S_40M_NTNV

5G NR n41 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	2592.99	Outer_Full	36.08	38.67	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	35.95	38.55	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	36.05	38.62	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	36.06	38.56	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	36.16	38.68	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	38.11	40.67	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	38.23	40.83	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	38.13	40.77	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	38.01	40.66	/	Pass

3.1.6 30_S_50M_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	46.24	49.16	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	45.99	49.41	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	46.08	49.40	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	46.09	49.37	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	46.13	49.42	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	47.73	51.00	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	47.69	51.12	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	47.82	51.06	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	47.64	51.05	/	Pass

3.1.7 30_S_60M_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	58.30	62.31	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	58.25	62.22	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	58.30	62.28	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	58.34	62.30	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	58.53	62.32	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	58.16	62.27	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	58.26	62.17	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	58.24	62.27	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	58.21	62.24	/	Pass

3.1.8 30_S_80M_NTNV

5G NR n41 SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	77.76	82.72	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	77.66	82.96	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	77.54	82.86	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	77.70	82.83	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	77.63	83.16	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	78.06	83.34	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	77.89	83.21	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	77.98	83.30	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	78.22	83.47	/	Pass

3.1.9 30_S_90M_NTNV

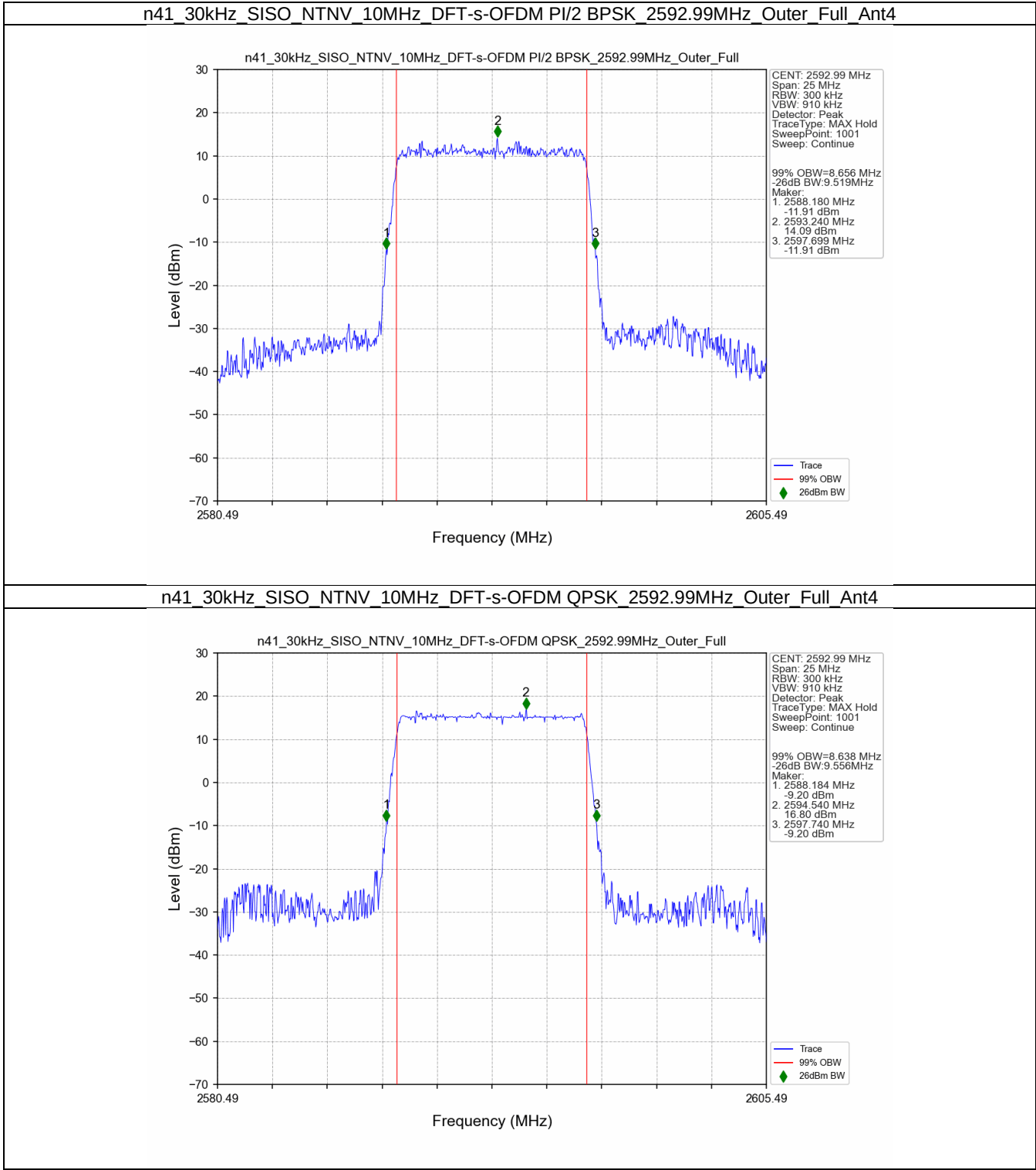
5G NR n41 SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	87.34	93.15	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	87.23	93.06	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	87.42	93.16	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	87.34	93.04	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	87.26	93.29	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	88.13	93.84	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	88.10	93.89	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	87.95	93.78	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	87.97	93.71	/	Pass

3.1.10 30_S_100M_NTNV

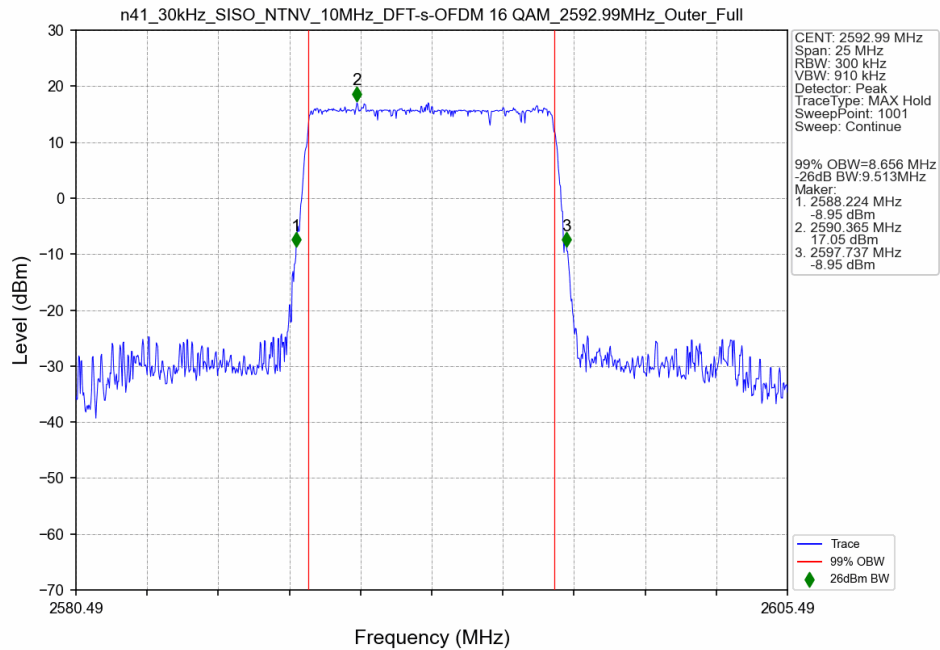
5G NR n41 SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	96.76	103.52	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	97.17	103.89	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	96.92	103.53	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	97.18	103.58	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	97.02	103.60	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	97.84	104.64	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	98.19	104.76	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	97.99	104.99	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	98.00	104.66	/	Pass

3.2 Test Graph

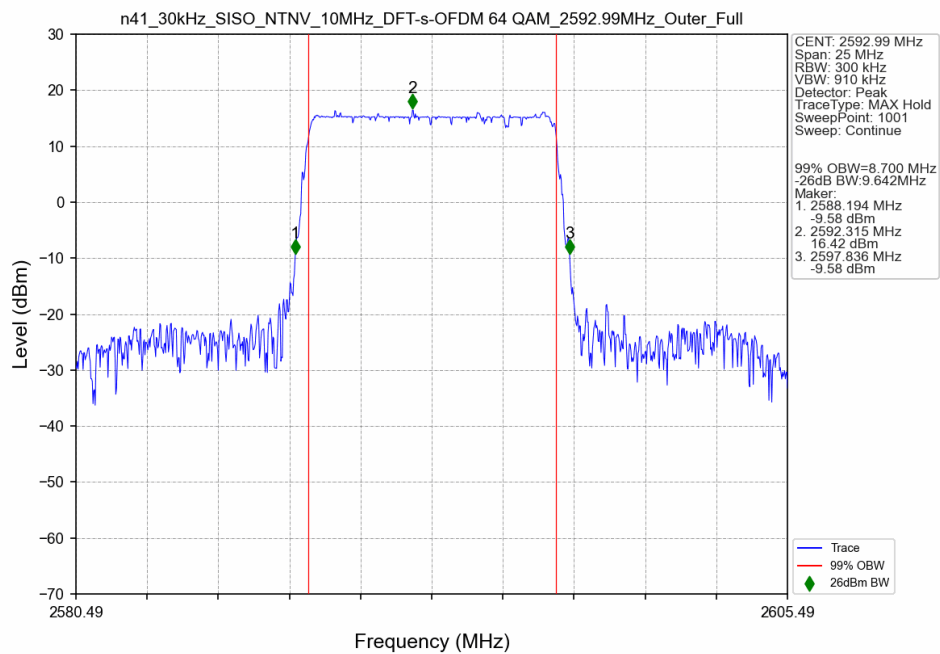
3.2.1 30_S_10M_NTNV



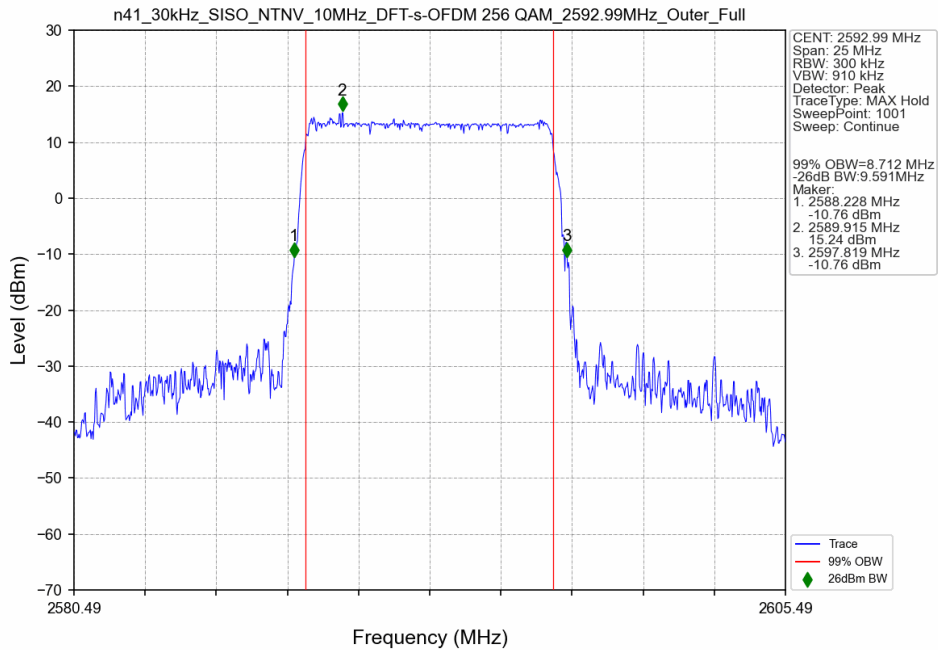
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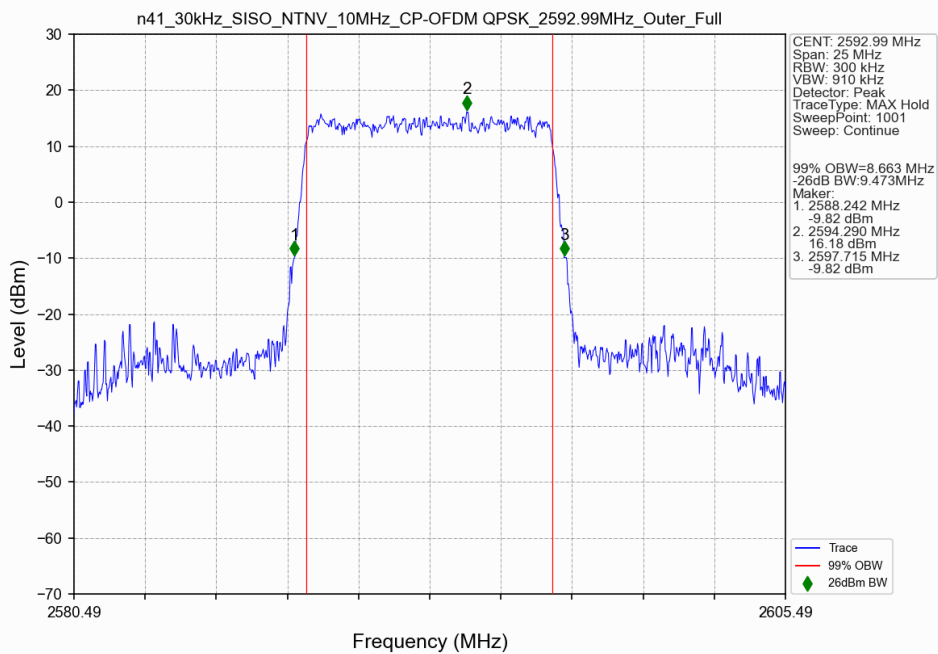
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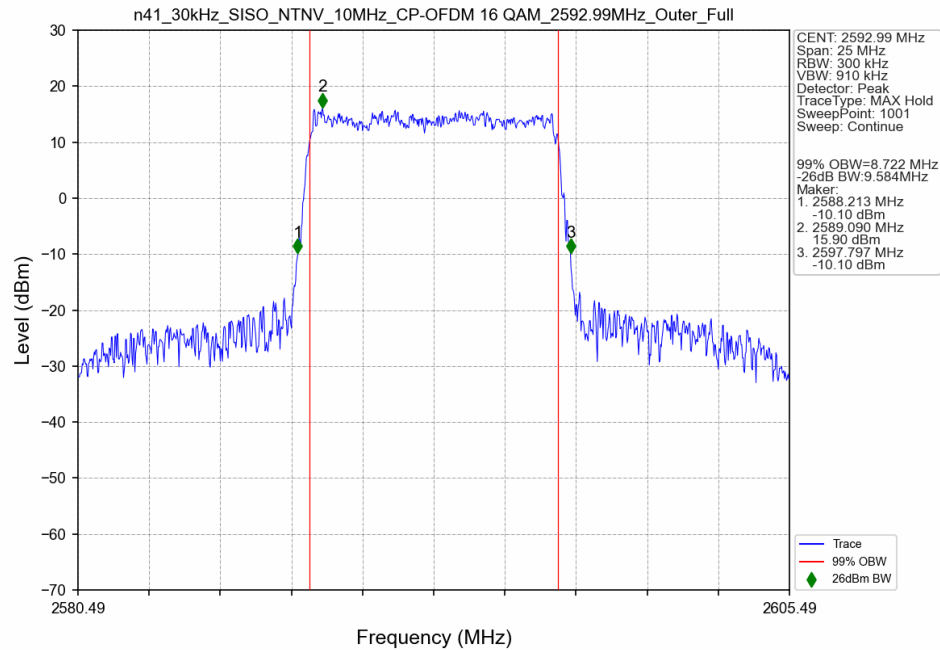
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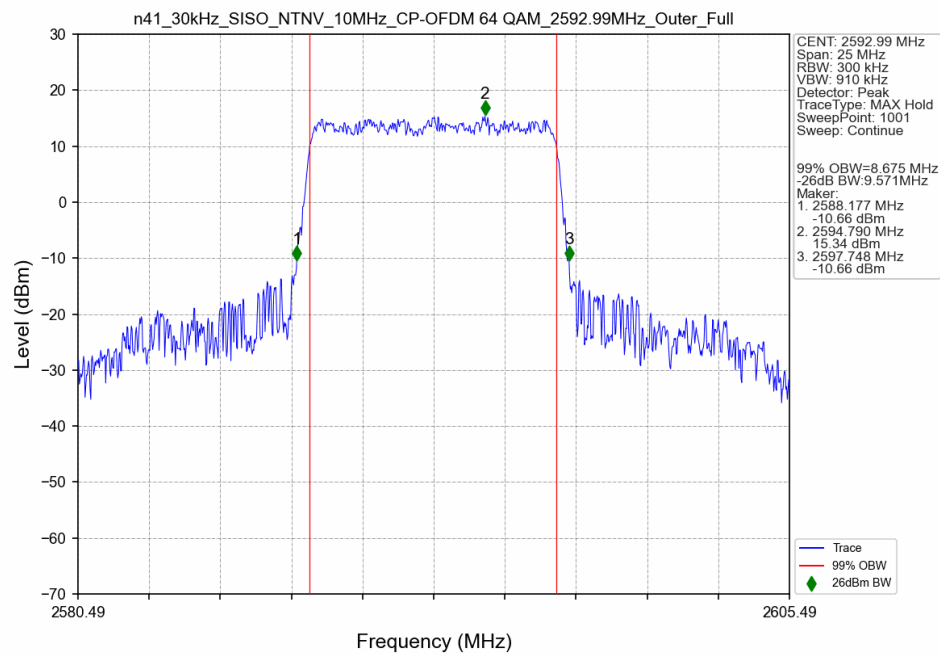
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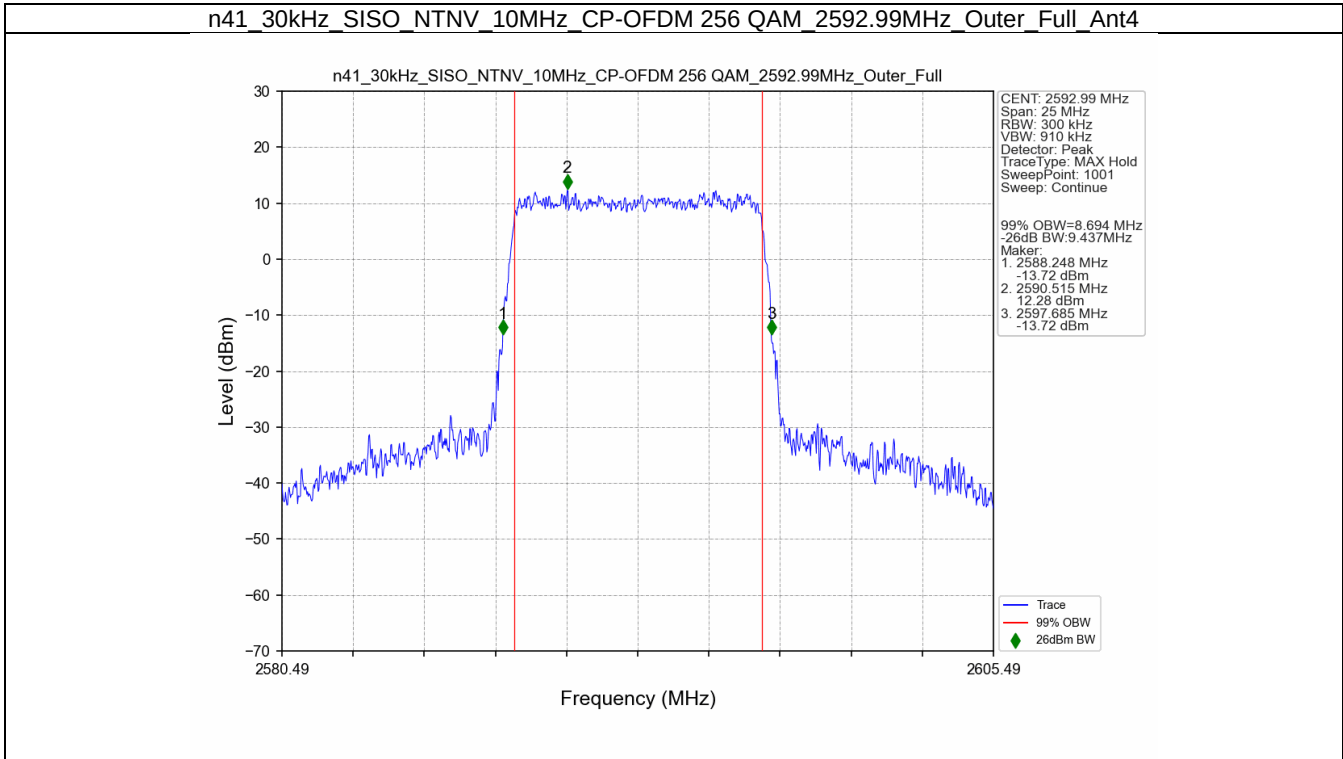


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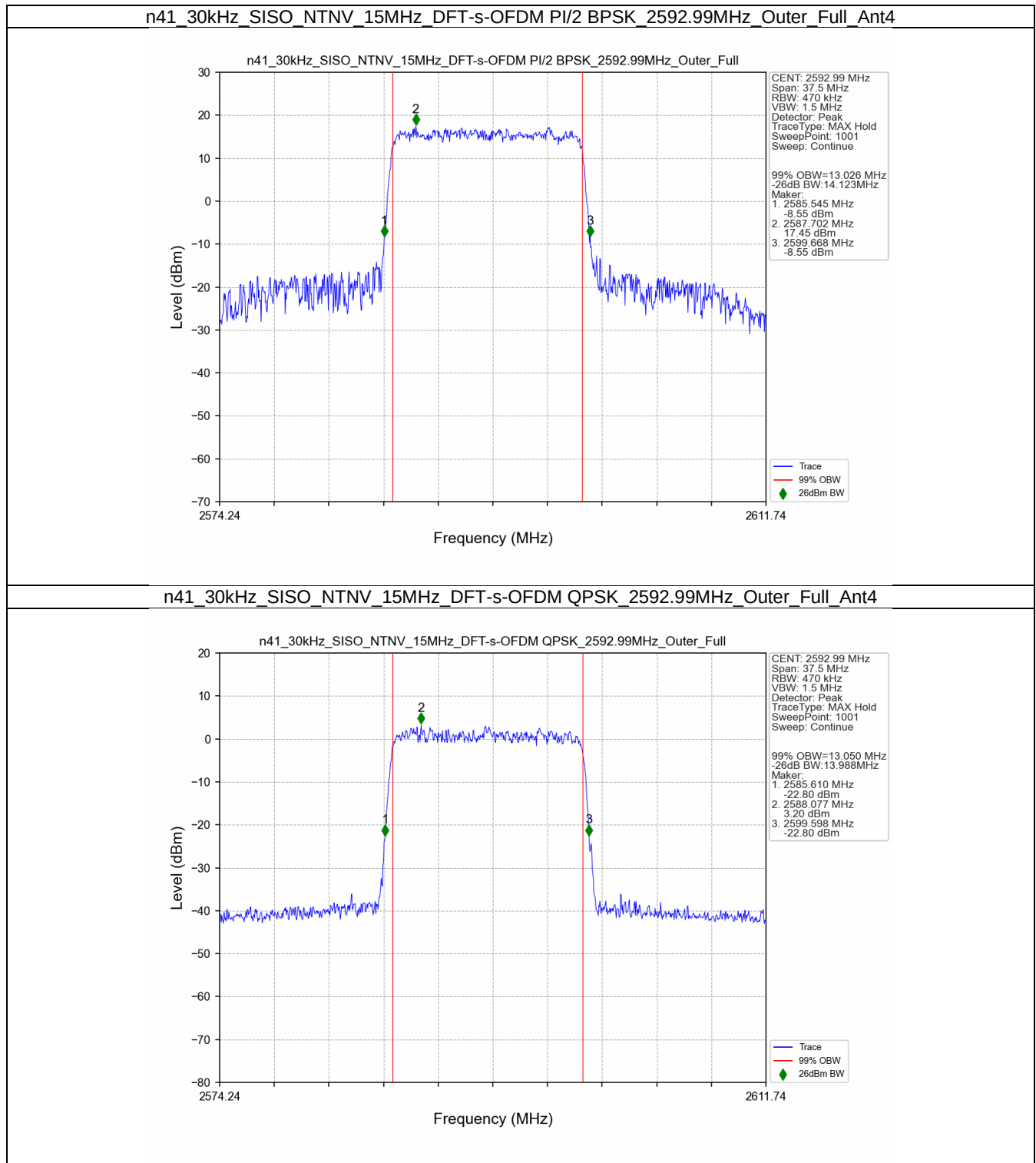


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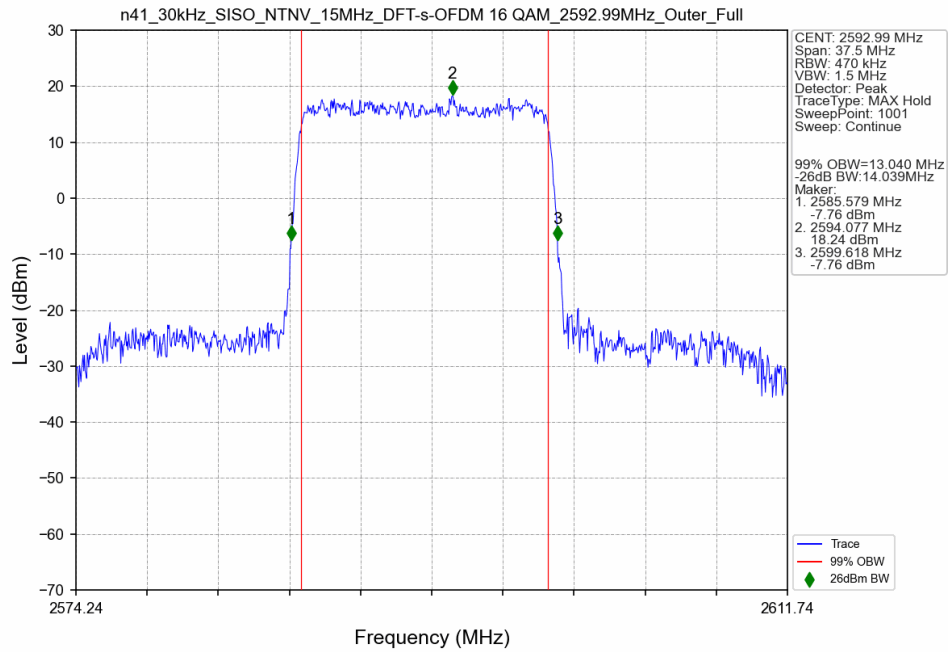




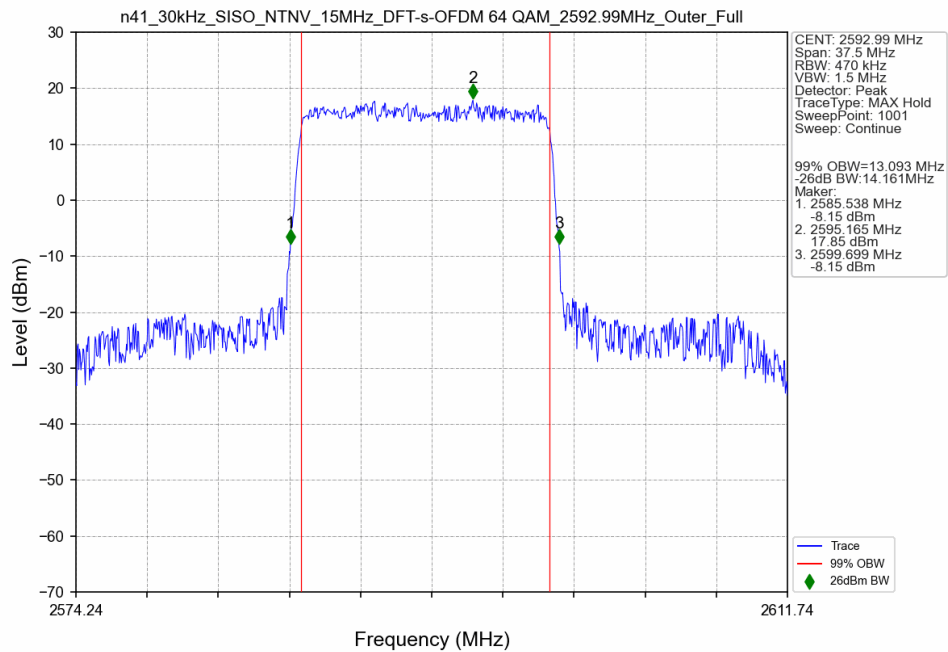
3.2.2 30_S_15M_NTNV



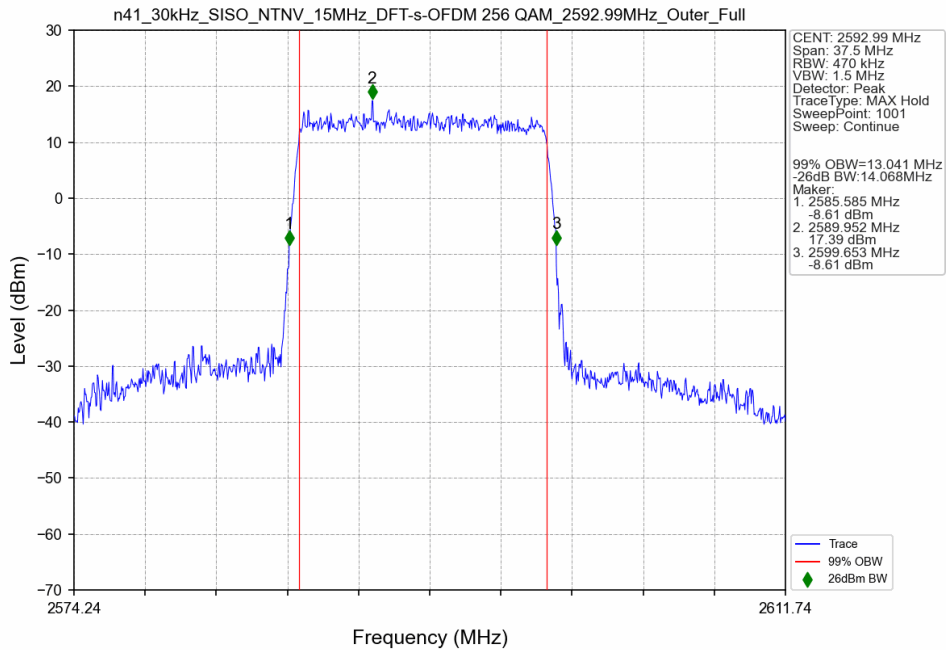
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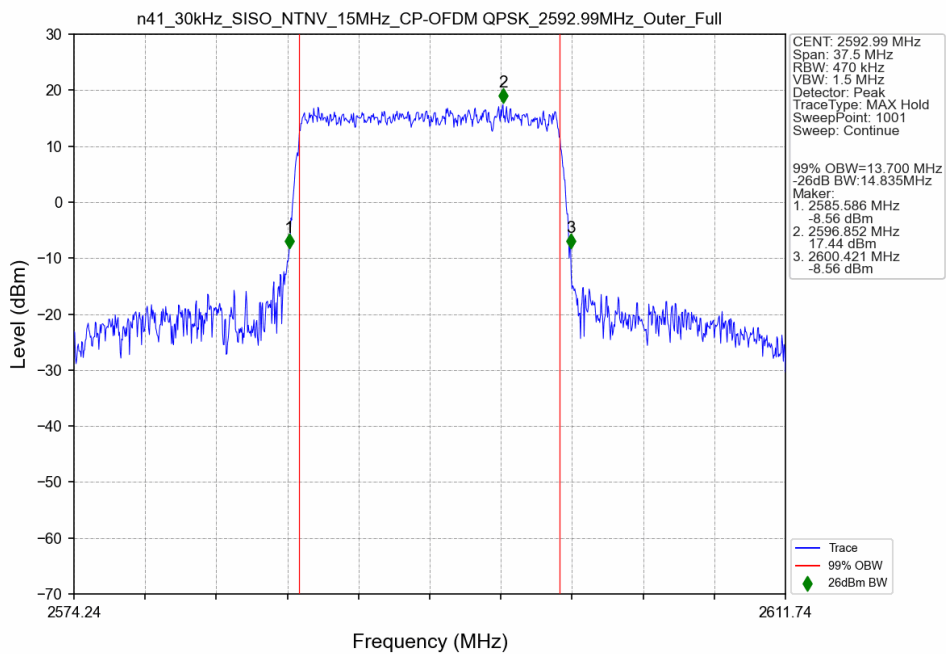
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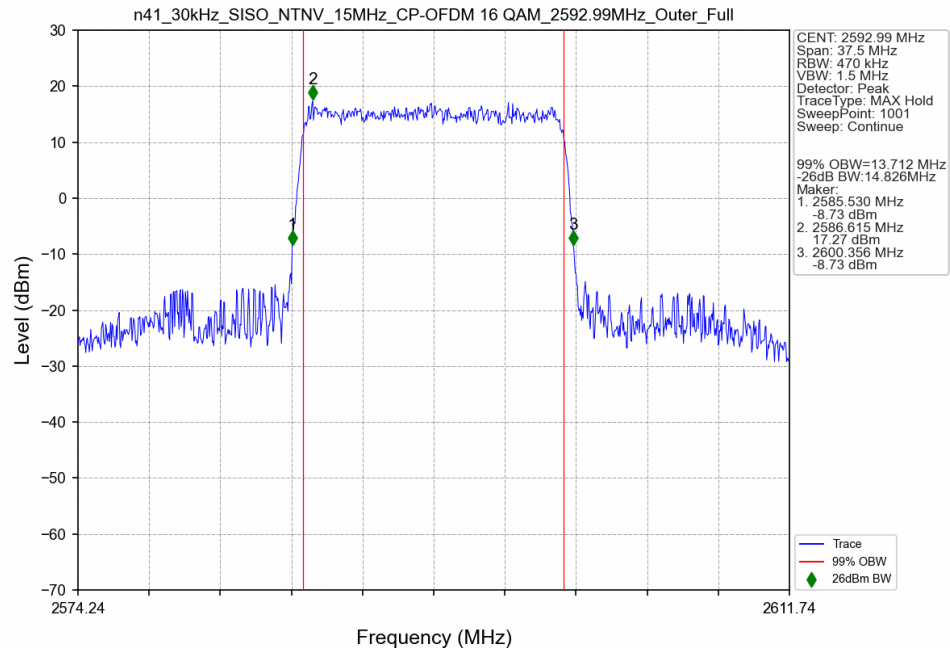
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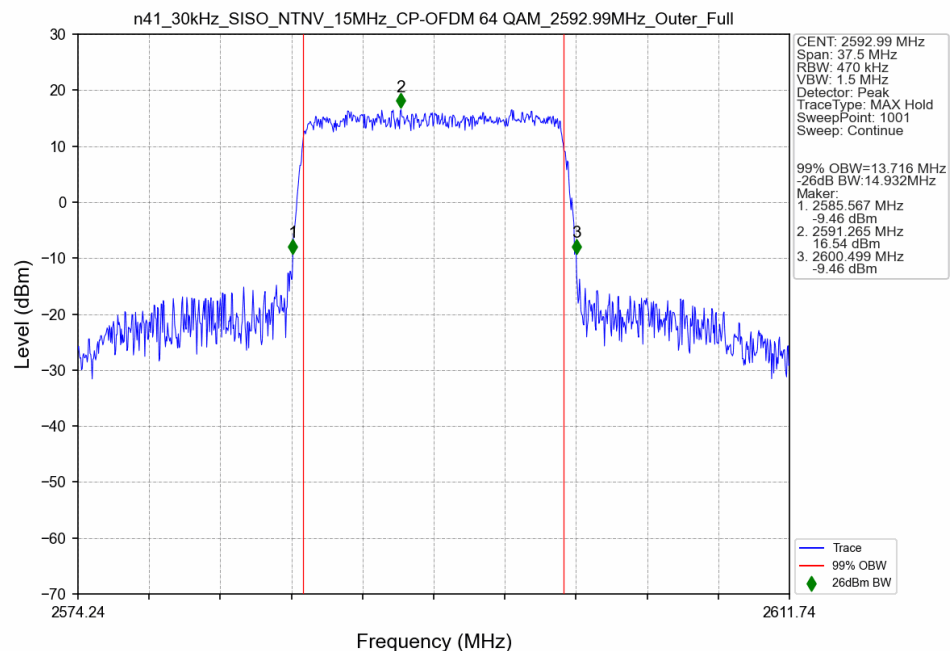
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n41_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant4

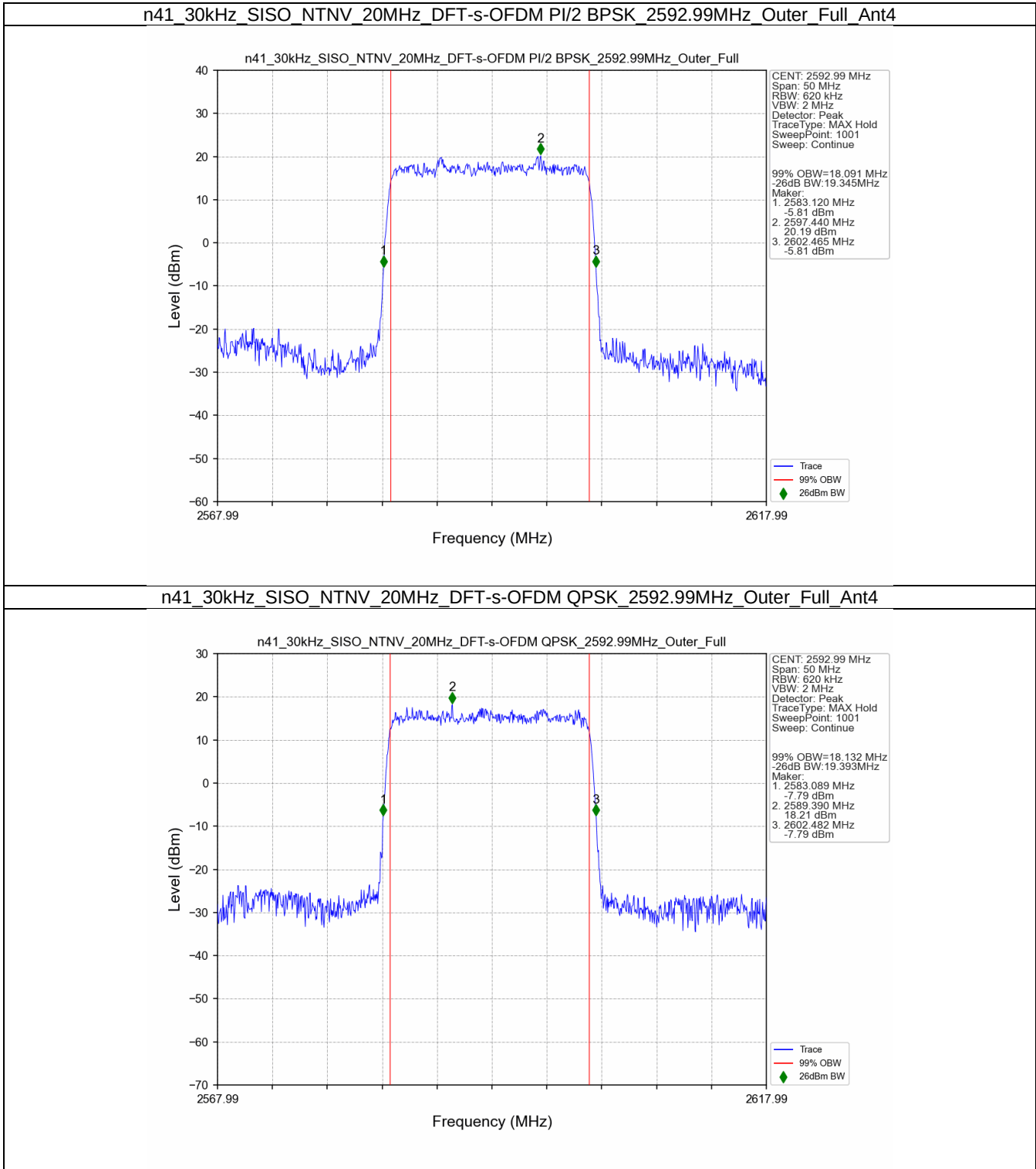


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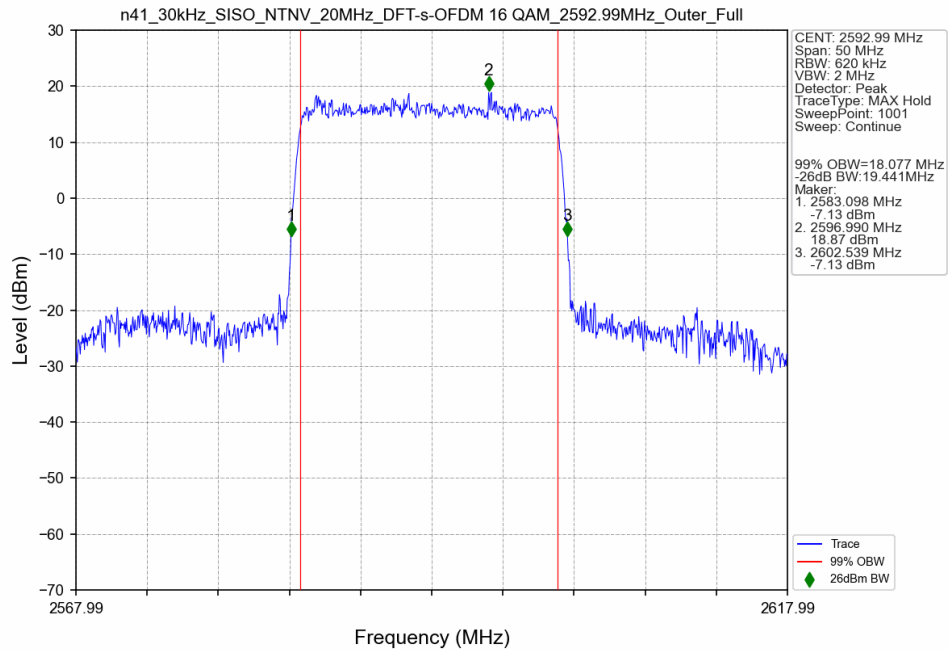




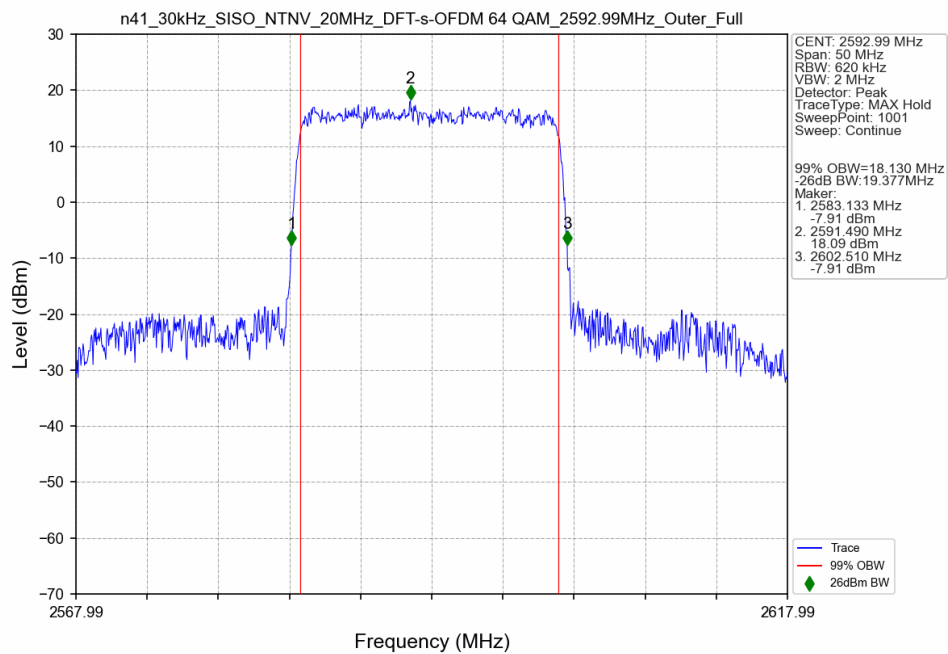
3.2.3 30_S_20M_NTNV



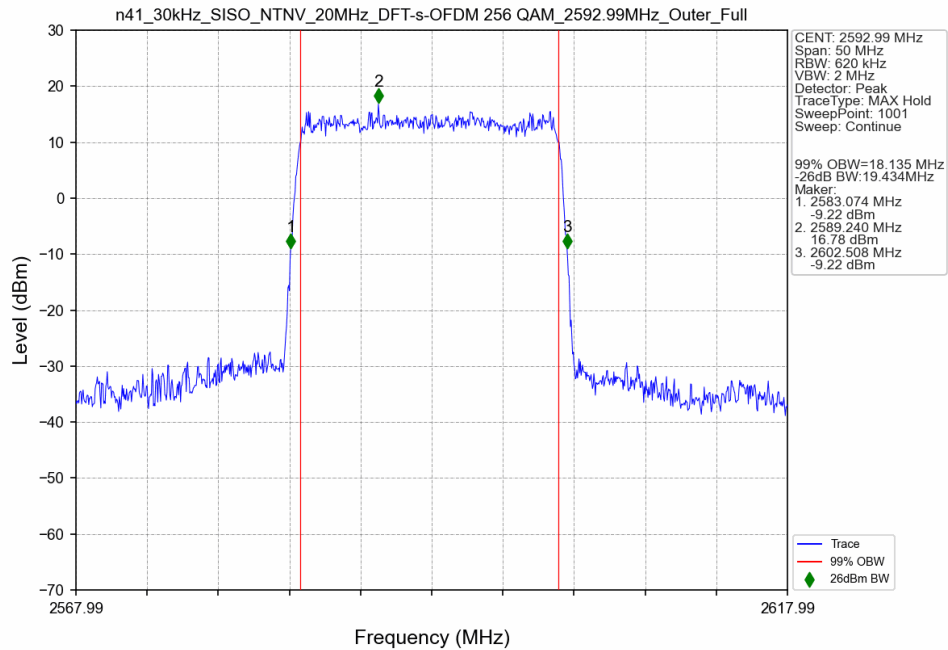
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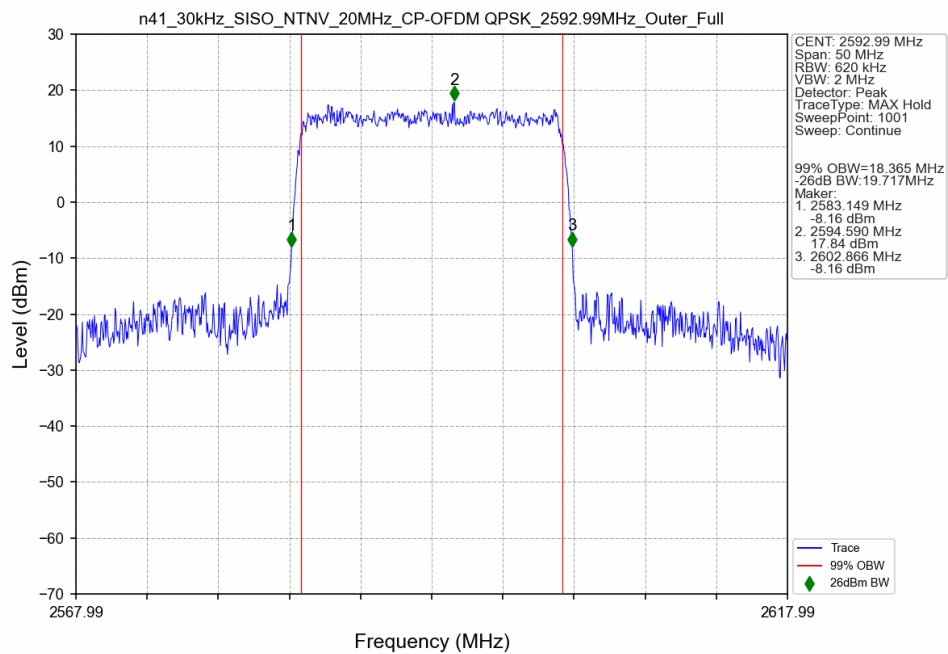
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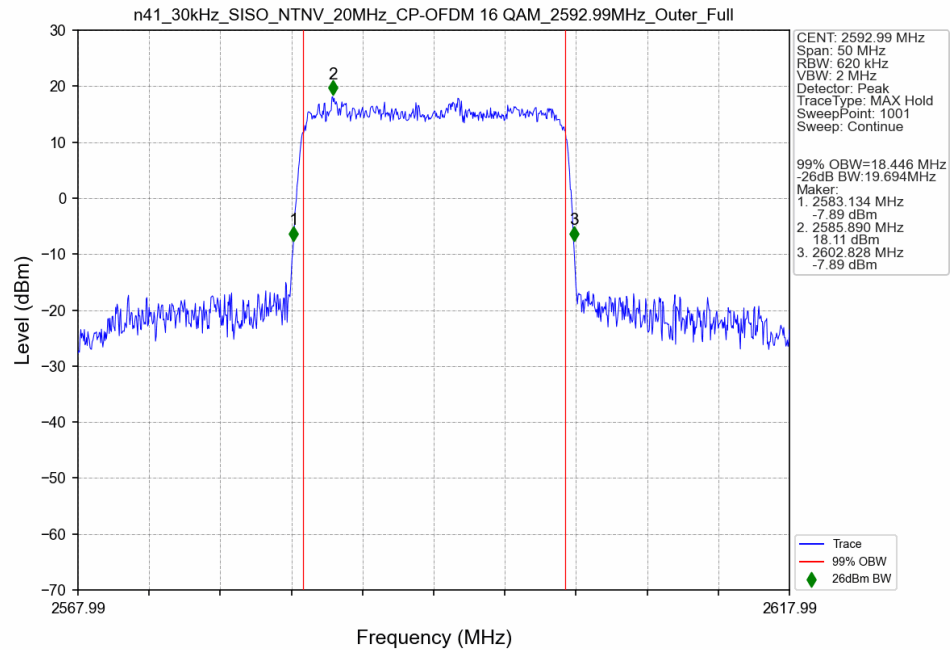
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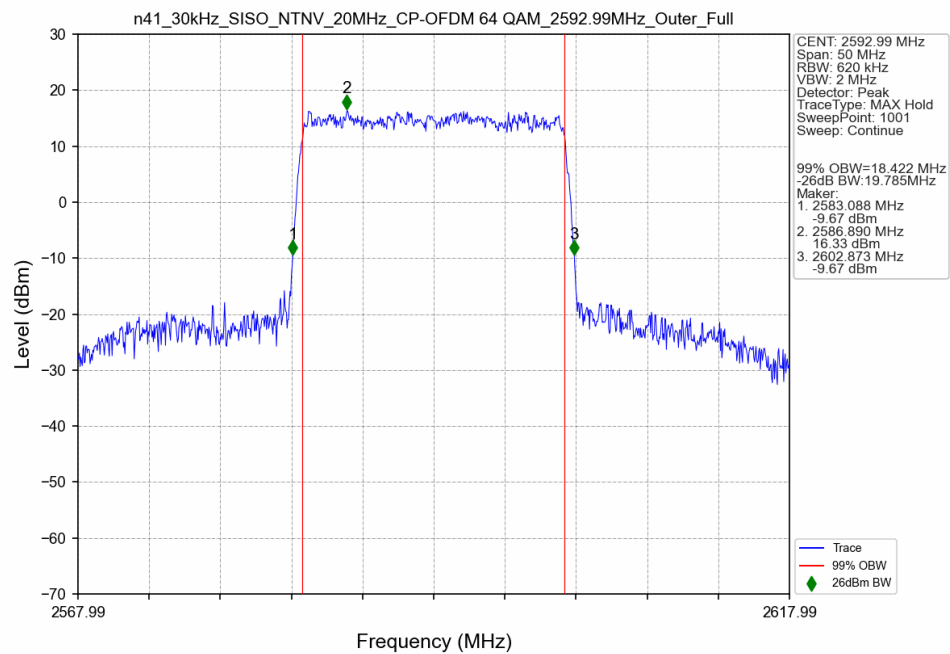
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n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant4

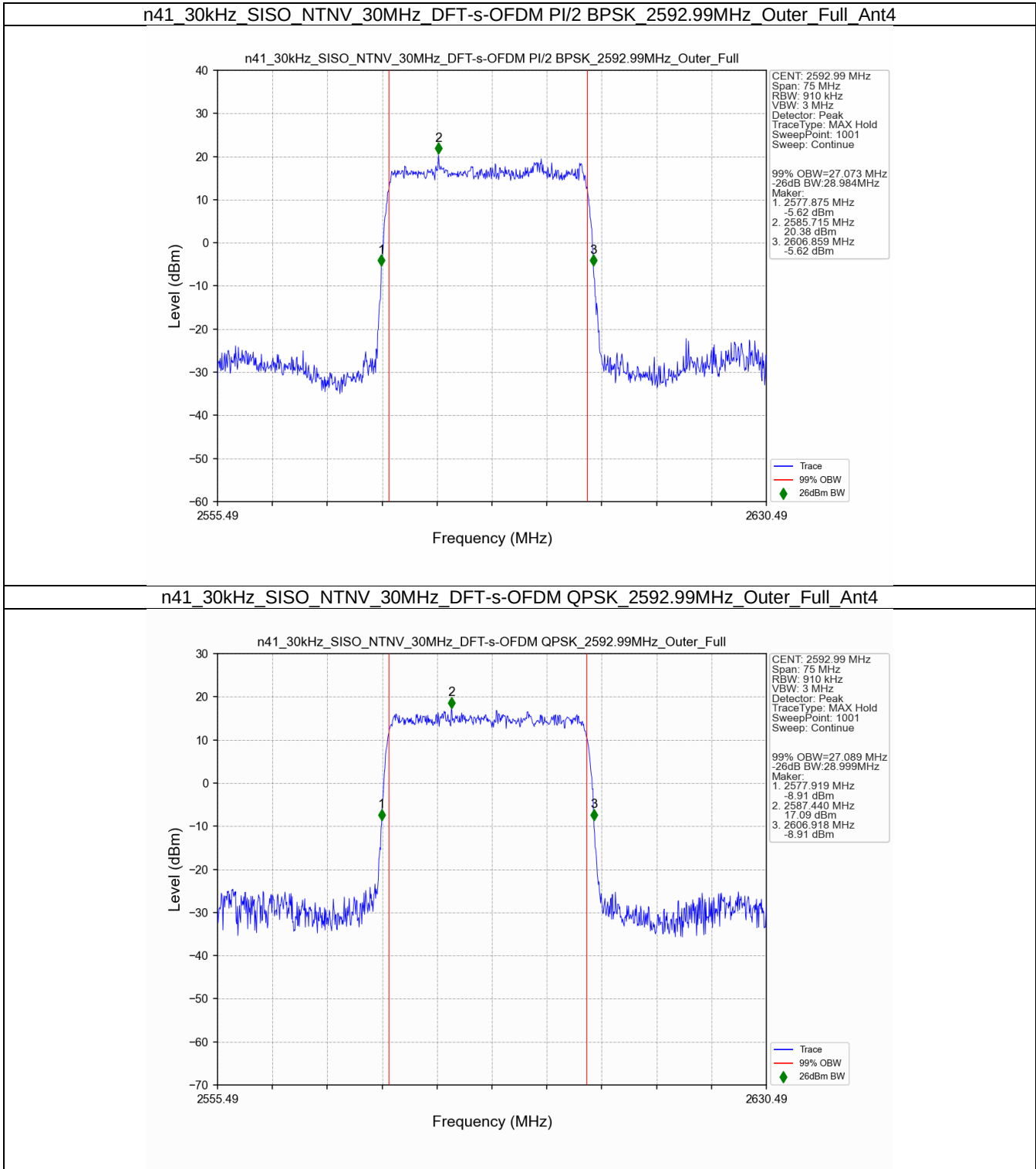


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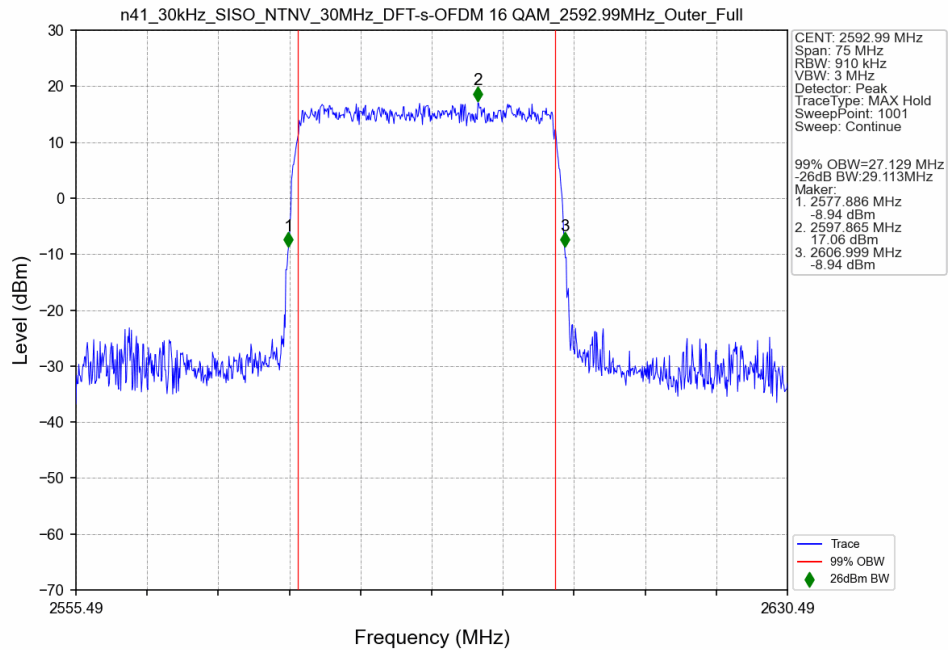




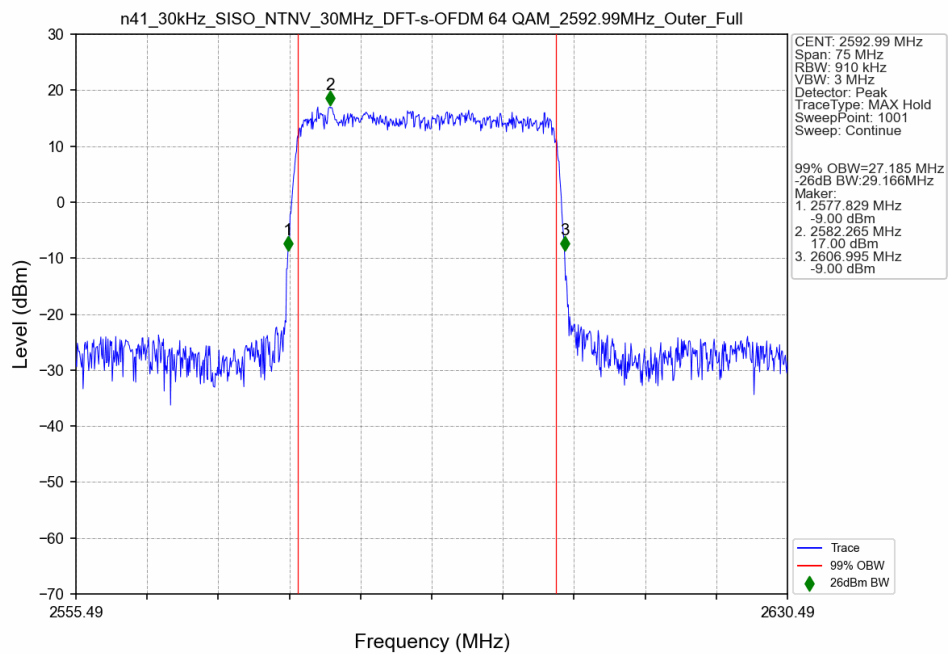
3.2.4 30_S_30M_NTNV



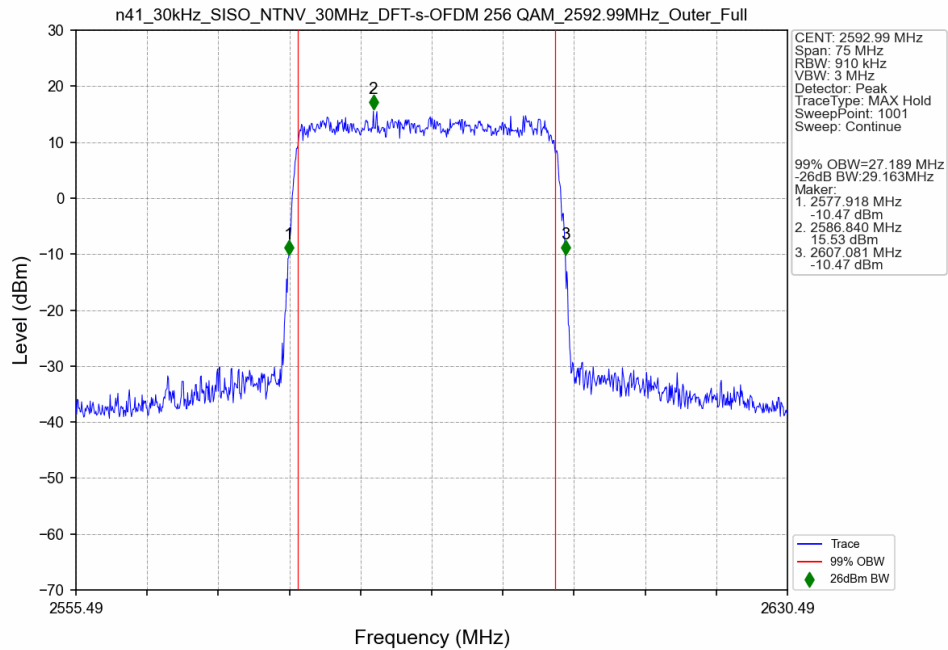
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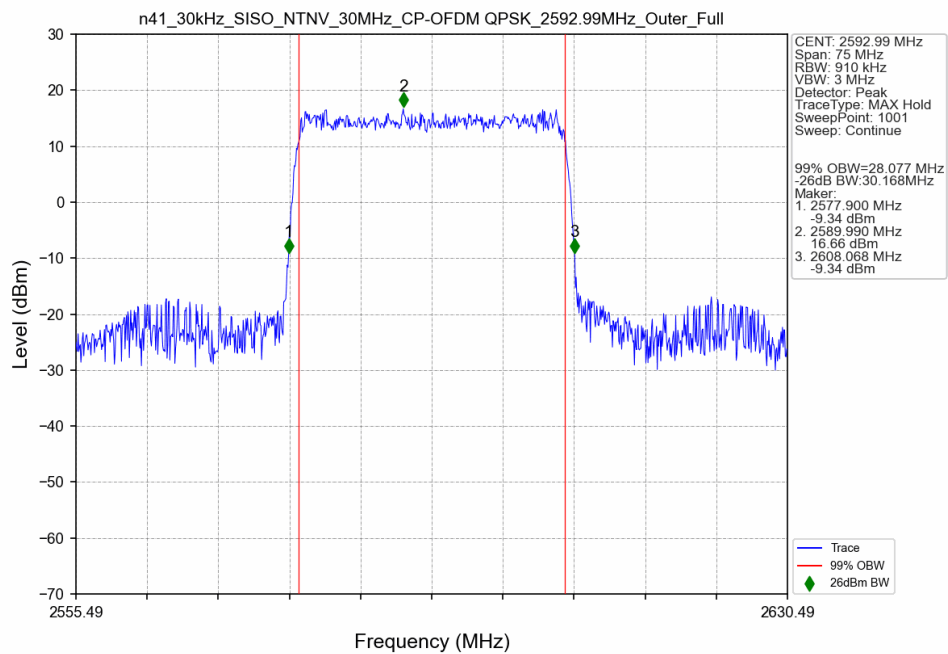
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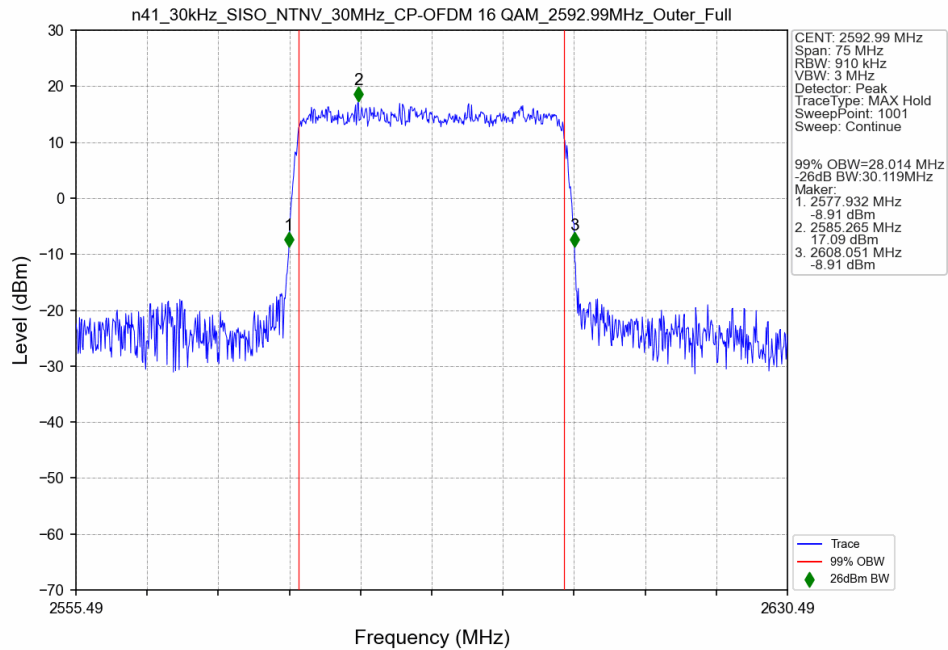
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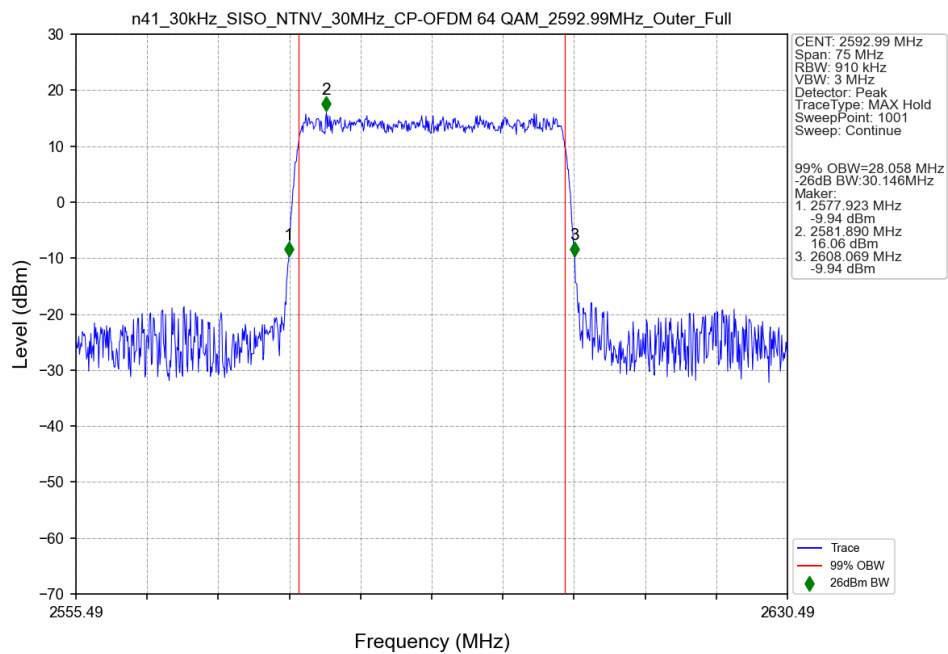
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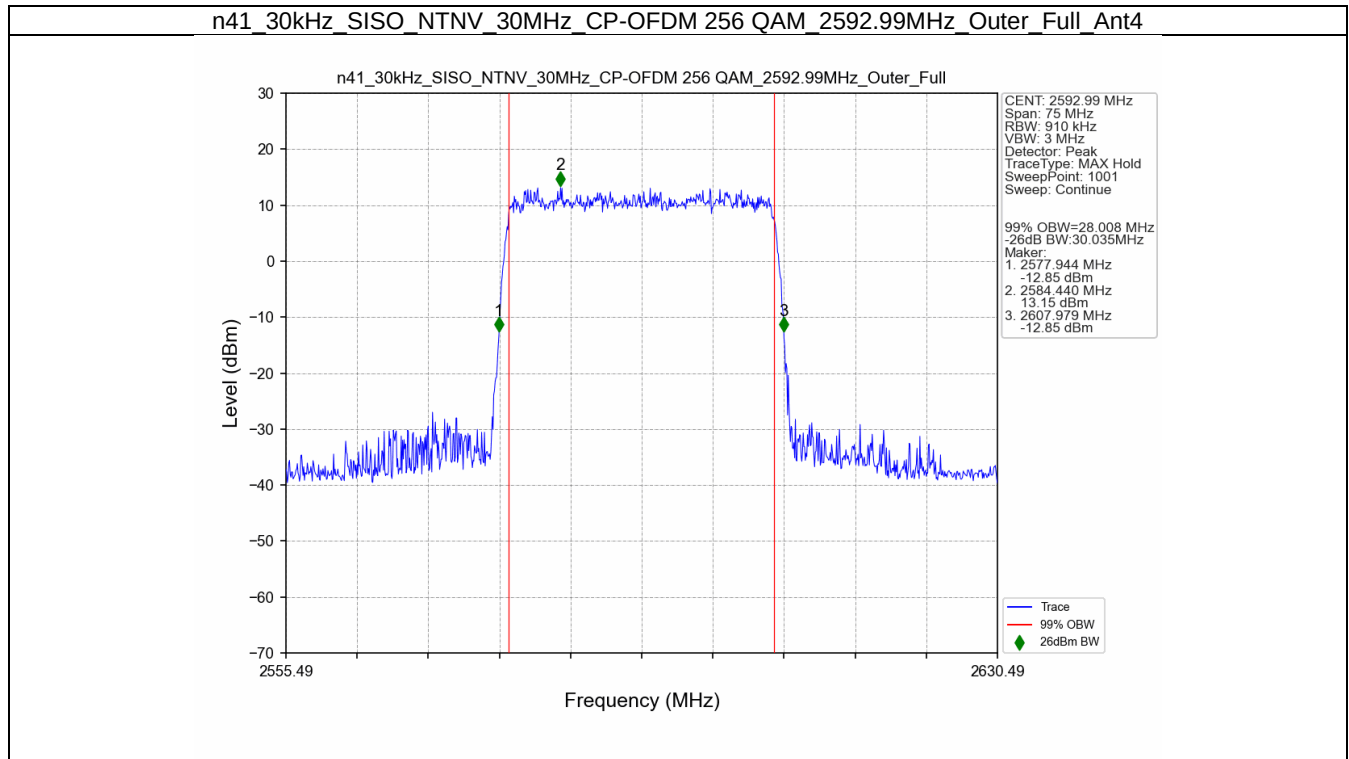


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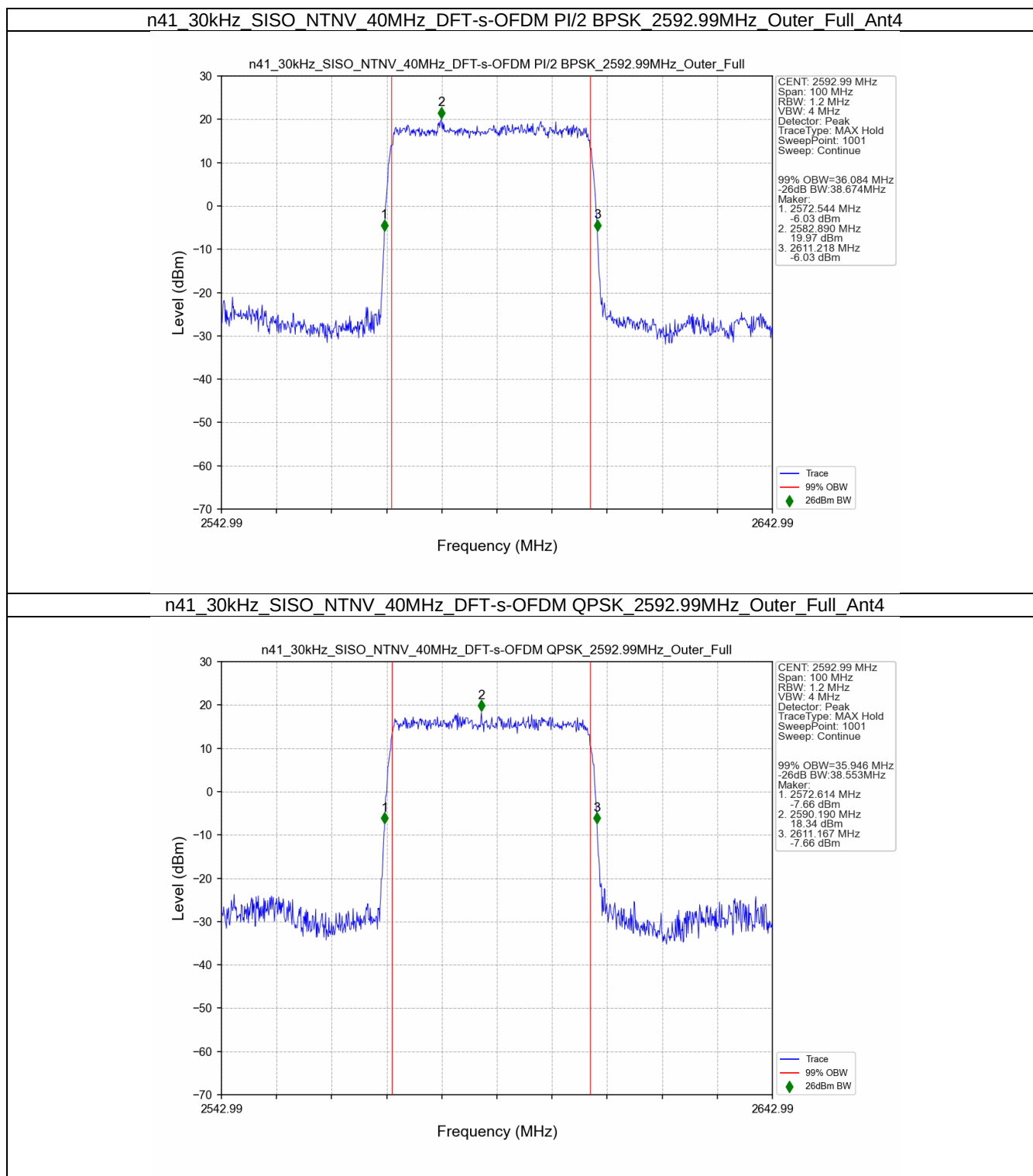


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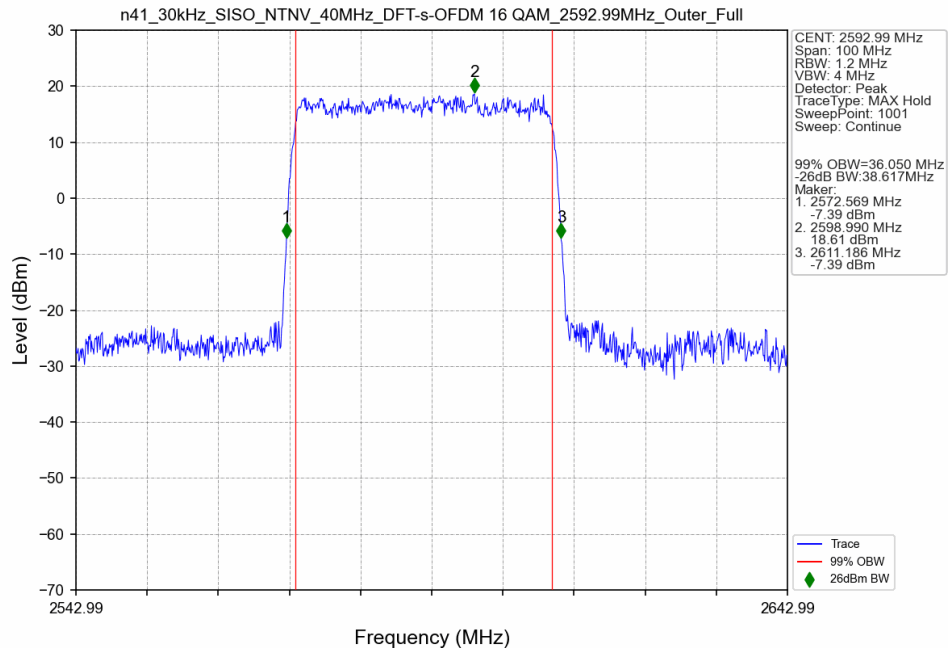




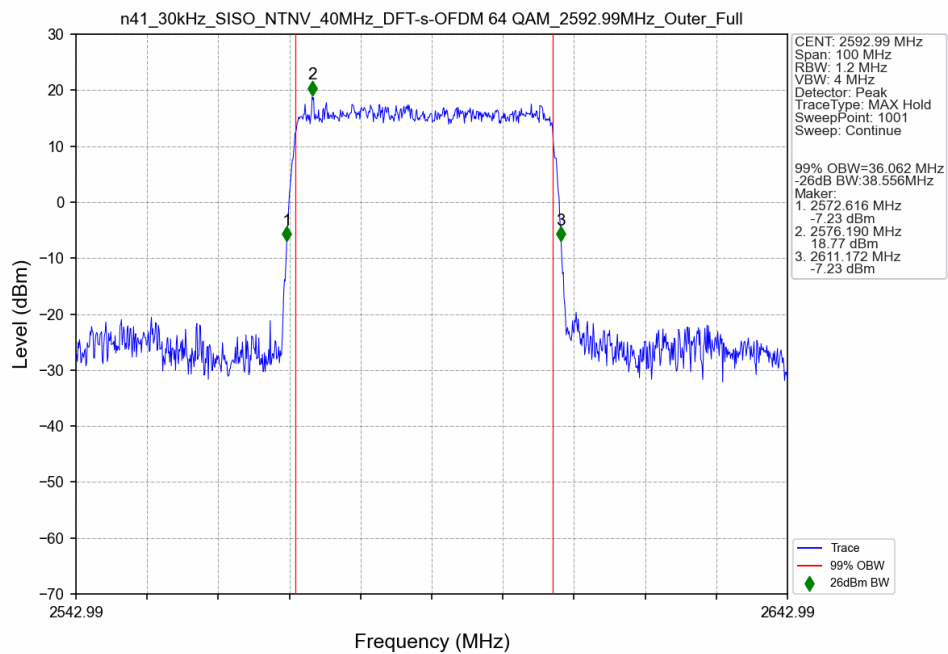
3.2.5 30_S_40M_NTNV



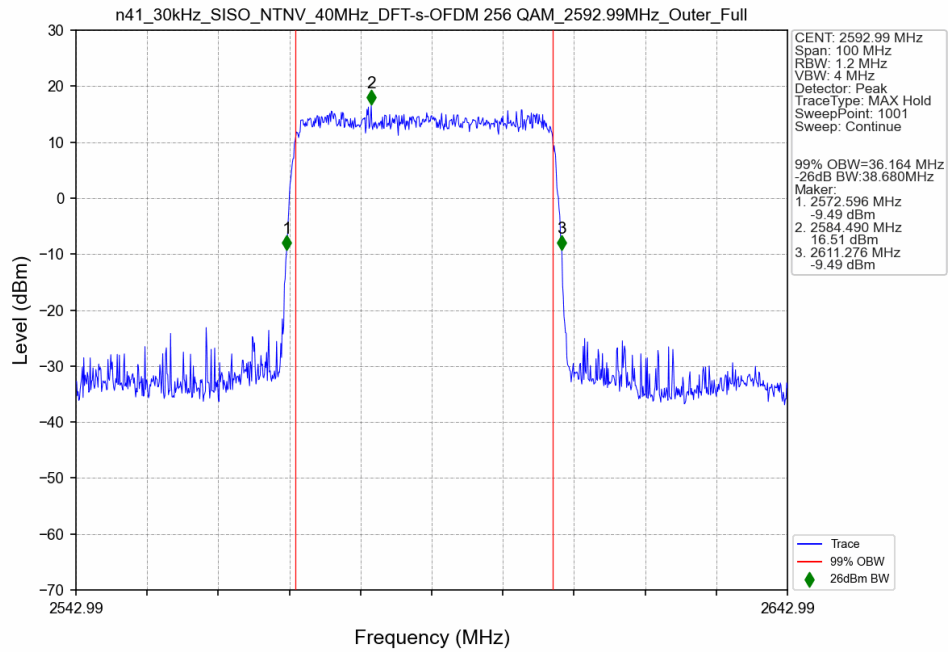
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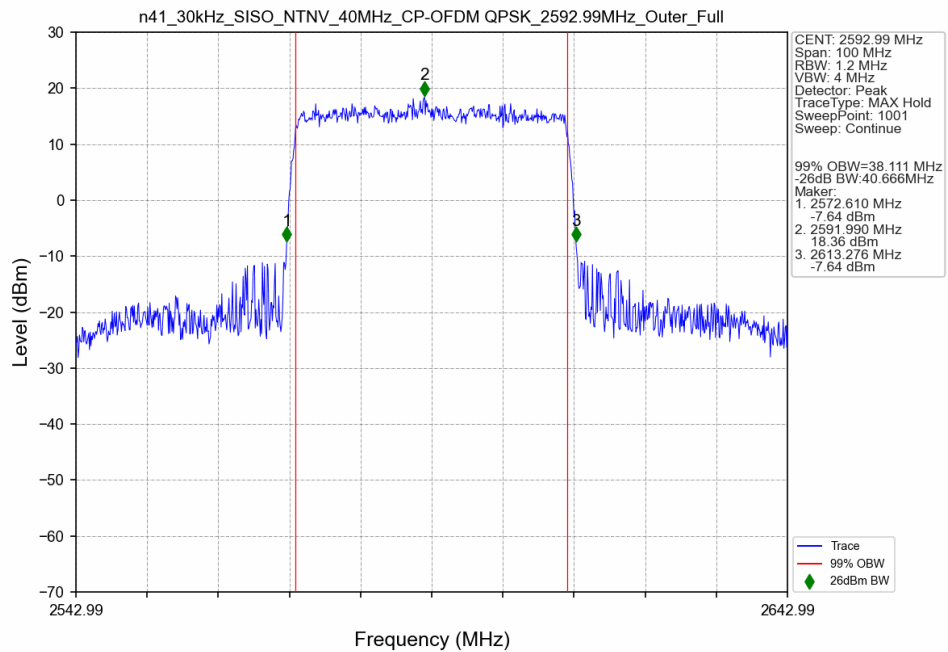
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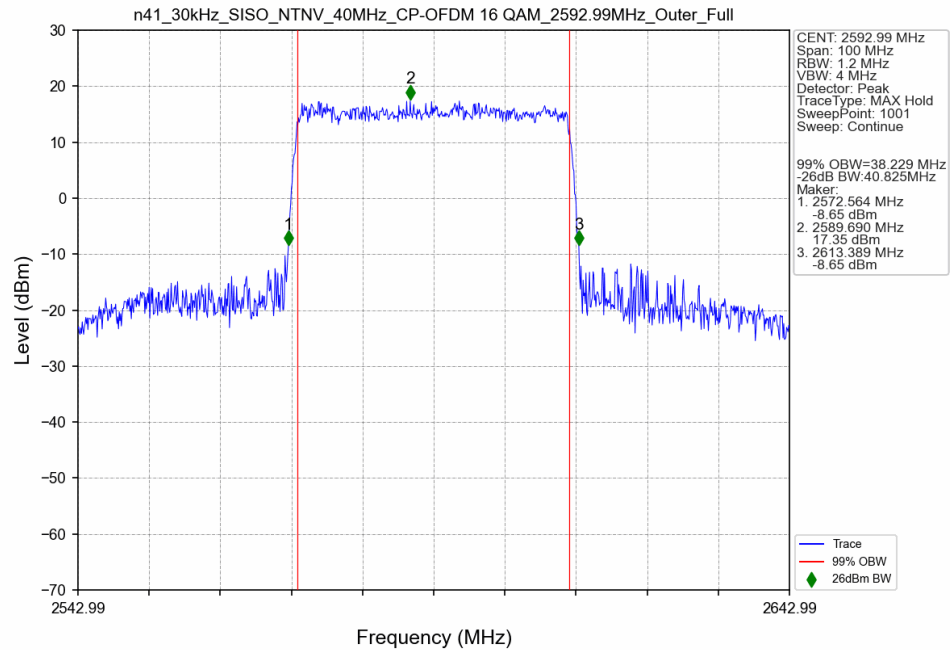
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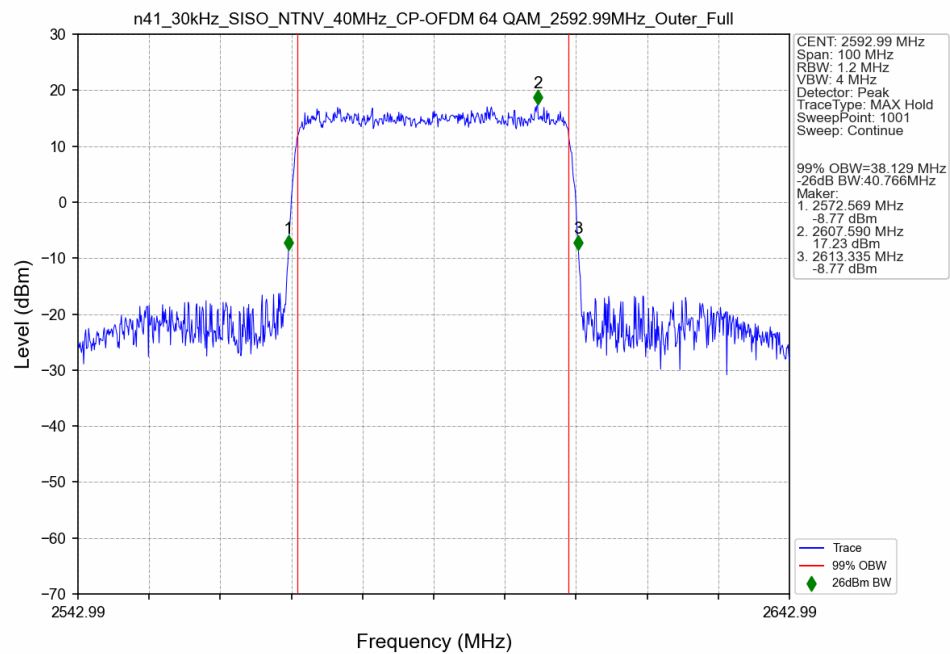
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant4

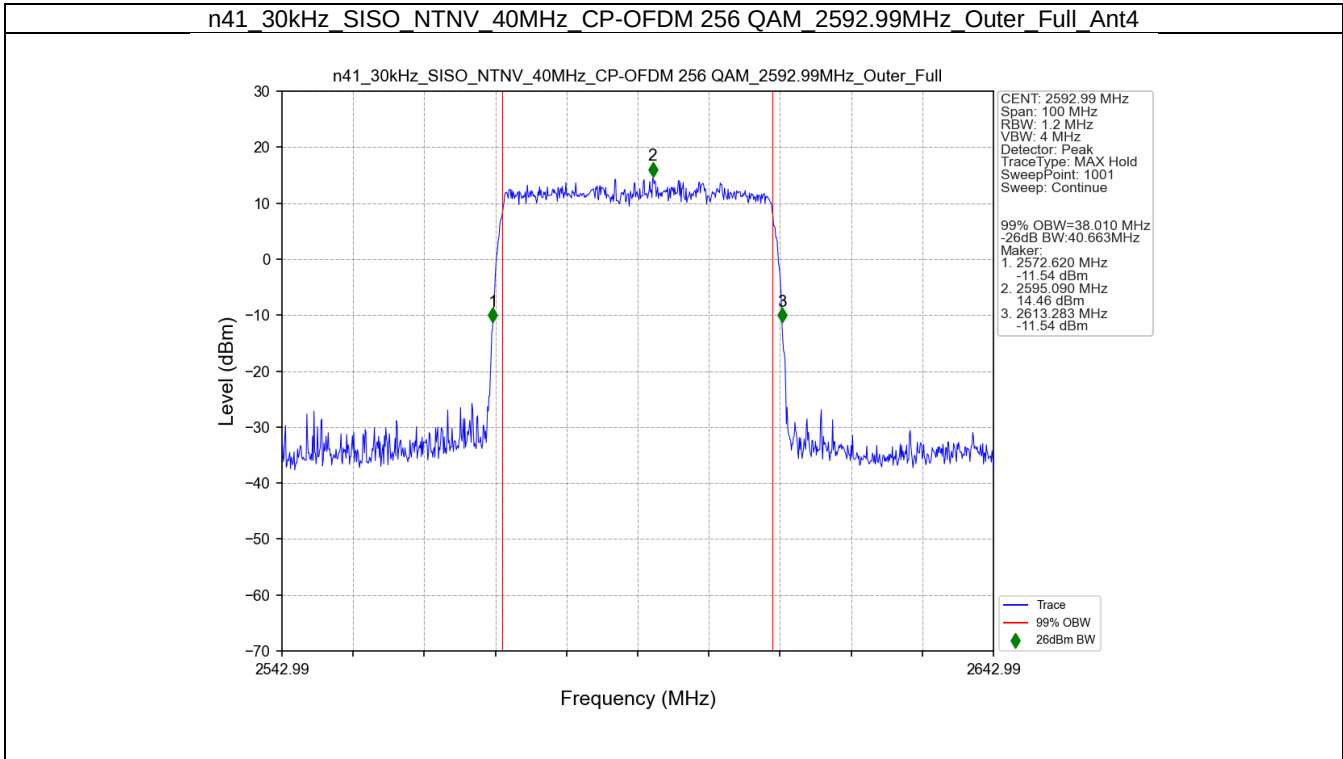


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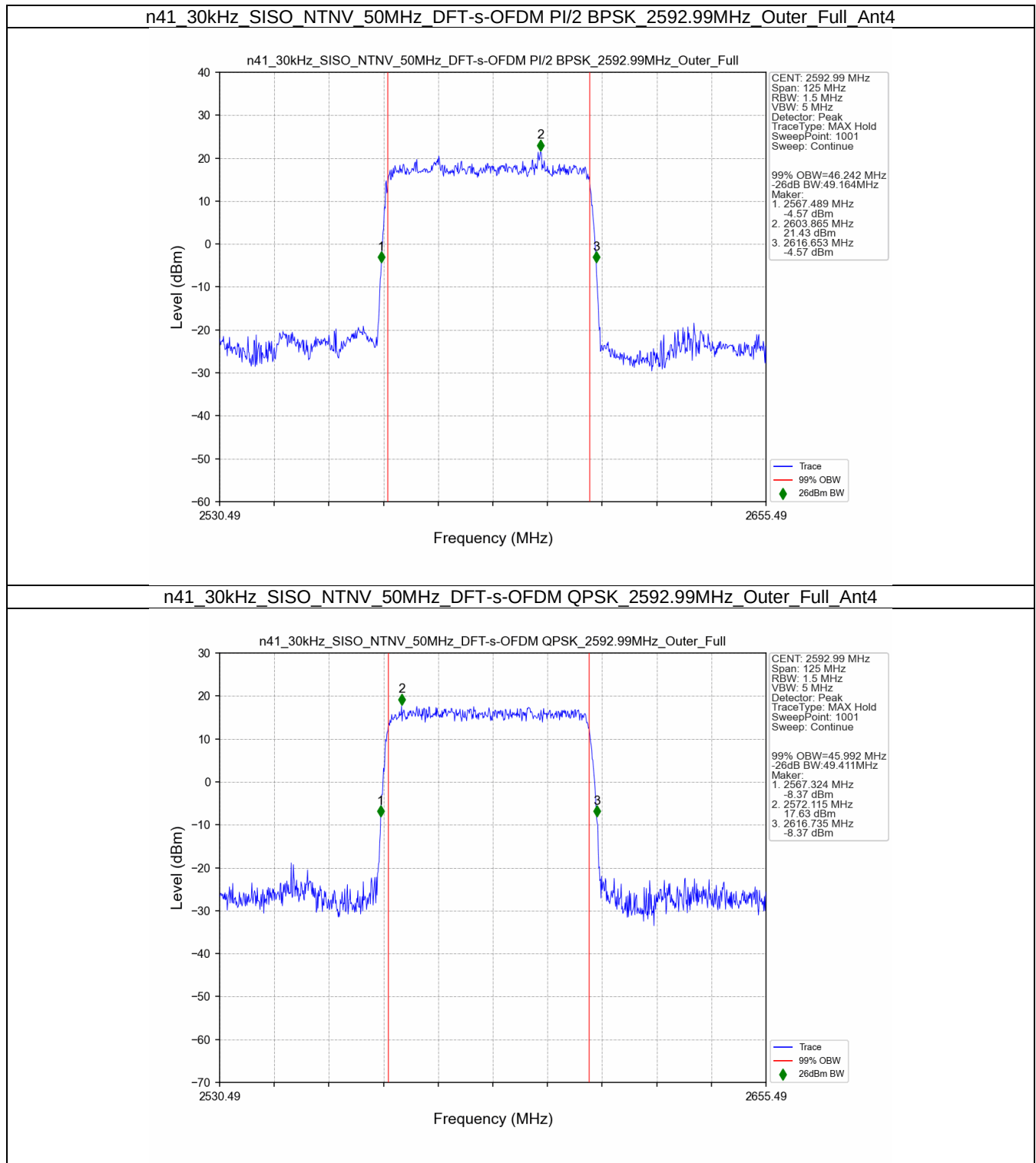


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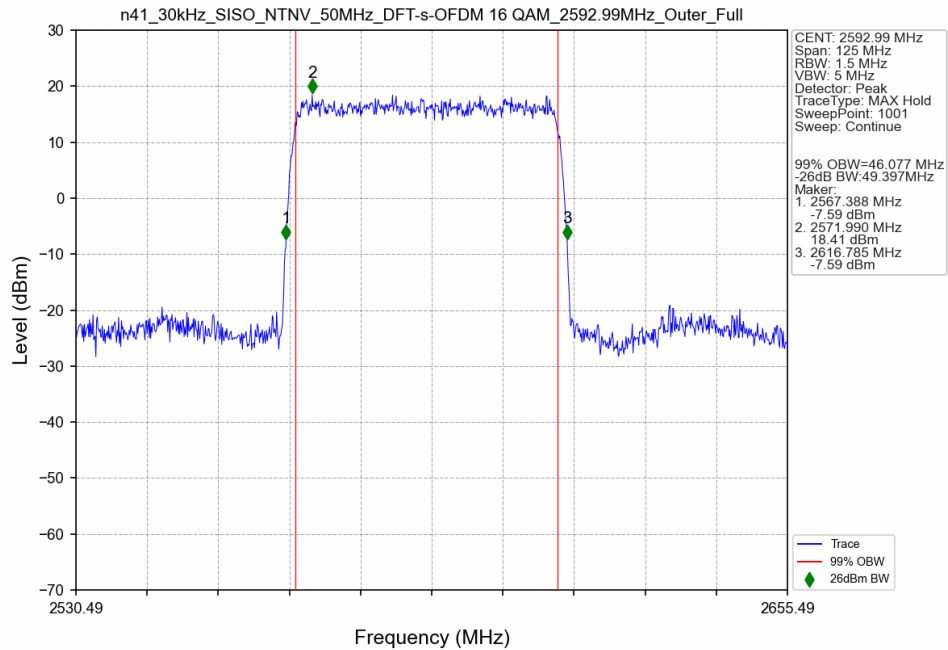




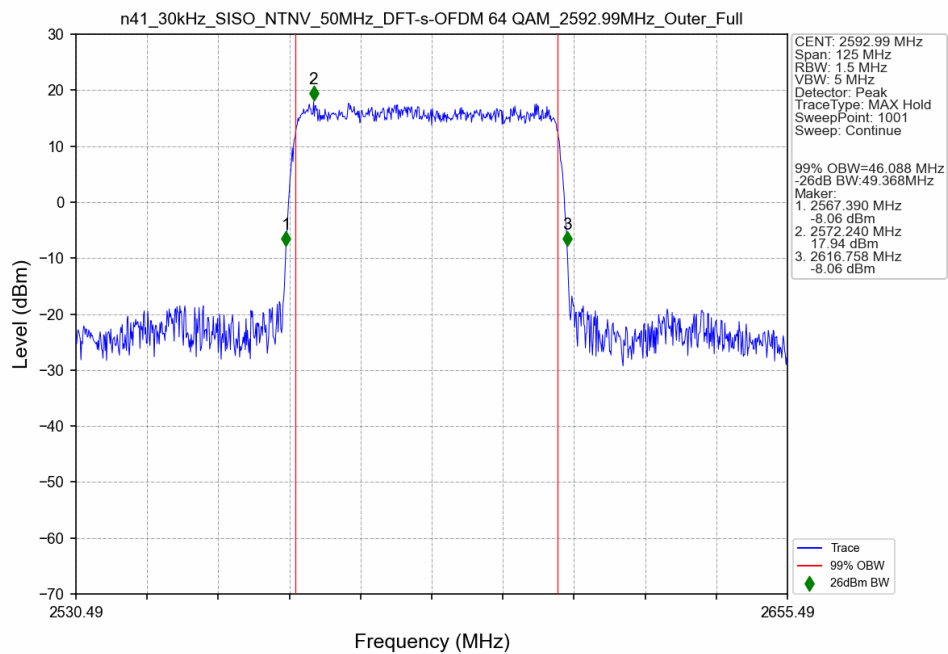
3.2.6 30_S_50M_NTNV



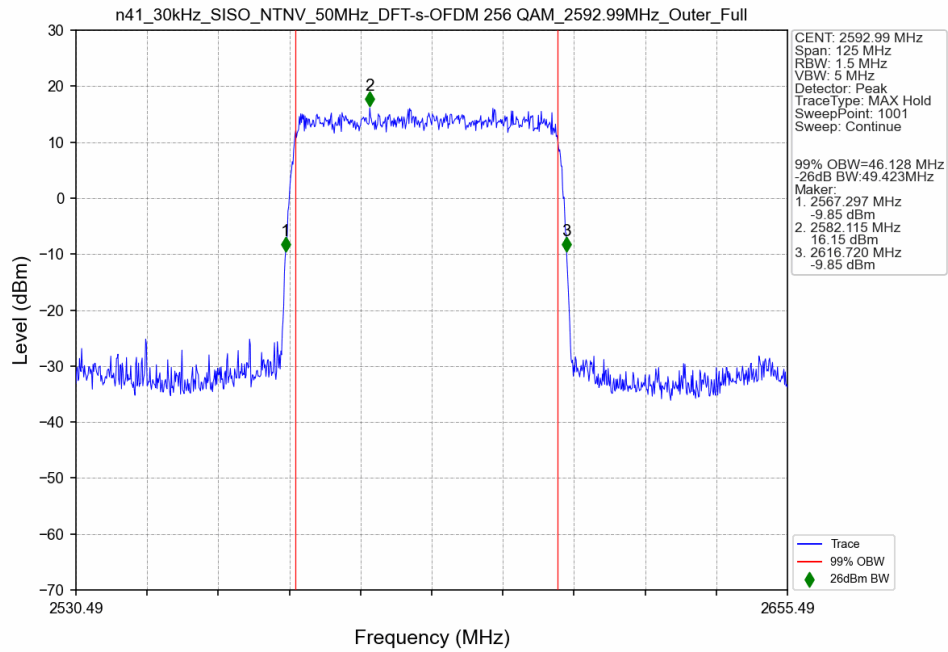
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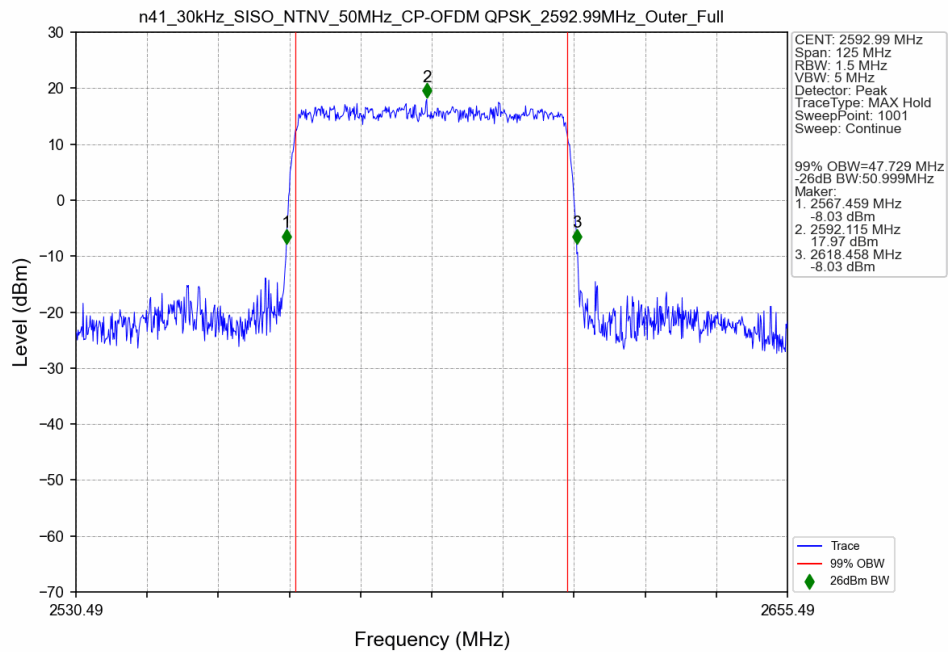
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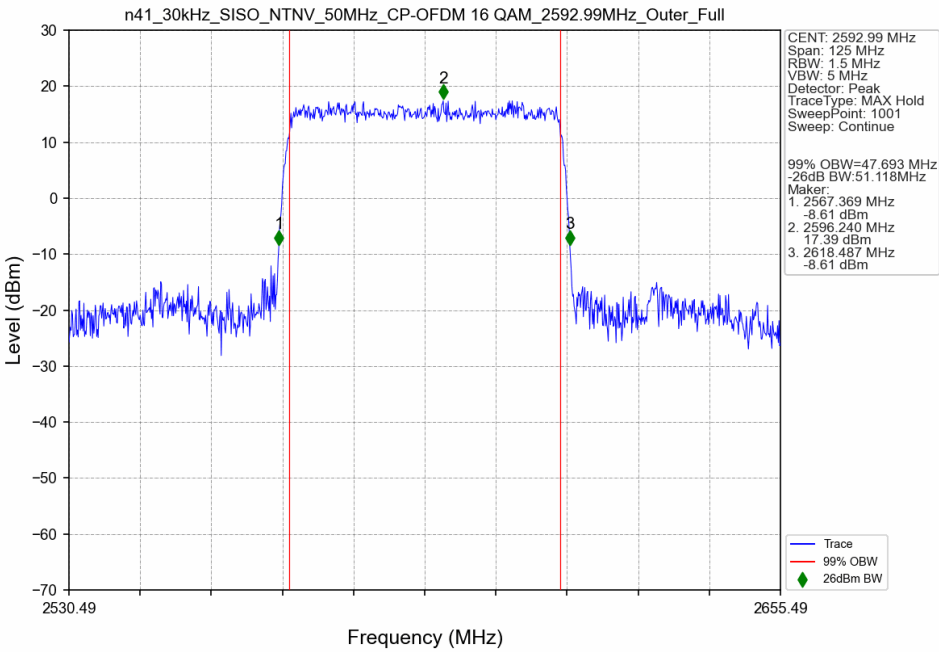
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant4



n41_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant4



n41_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant4



n41_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant4

