

		Edge_1RB_Right	18.84	/	/	17.52	/	/	<=33	Pass
		Outer_Full	18.71	/	/	17.39	/	/	<=33	Pass
		Inner_Full	18.67	/	/	17.35	/	/	<=33	Pass
		Inner_1RB_Left	18.84	/	/	17.52	/	/	<=33	Pass
		Inner_1RB_Right	18.85	/	/	17.53	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.07	/	/	17.75	/	/	<=33	Pass
		Edge_1RB_Right	19.10	/	/	17.78	/	/	<=33	Pass
		Outer_Full	18.99	/	/	17.67	/	/	<=33	Pass
		Inner_Full	19.08	/	/	17.76	/	/	<=33	Pass
		Inner_1RB_Left	19.04	/	/	17.72	/	/	<=33	Pass
	2664.99	Inner_1RB_Right	19.06	/	/	17.74	/	/	<=33	Pass
		Edge_1RB_Left	18.98	/	/	17.66	/	/	<=33	Pass
		Edge_1RB_Right	19.24	/	/	17.92	/	/	<=33	Pass
		Outer_Full	18.93	/	/	17.61	/	/	<=33	Pass
		Inner_Full	18.83	/	/	17.51	/	/	<=33	Pass
		Inner_1RB_Left	19.01	/	/	17.69	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	17.93	/	/	<=33	Pass
Note1: Antenna Gain: Ant6: -1.32dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 60MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2526	Edge_1RB_Left	21.72	/	/	20.40	/	/	<=33	Pass
		Edge_1RB_Right	21.78	/	/	20.46	/	/	<=33	Pass
		Outer_Full	24.56	/	/	23.24	/	/	<=33	Pass
		Inner_Full	24.96	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Right	25.10	/	/	23.78	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.84	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	20.74	/	/	<=33	Pass
		Outer_Full	24.72	/	/	23.40	/	/	<=33	Pass
		Inner_Full	25.23	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	25.18	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	25.35	/	/	24.03	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.07	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	22.12	/	/	20.80	/	/	<=33	Pass
		Outer_Full	24.80	/	/	23.48	/	/	<=33	Pass
		Inner_Full	25.32	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Left	25.38	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Right	25.43	/	/	24.11	/	/	<=33	Pass
DFT-s-OFDM QPSK	2526	Edge_1RB_Left	21.71	/	/	20.39	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	20.36	/	/	<=33	Pass
		Outer_Full	24.05	/	/	22.73	/	/	<=33	Pass
		Inner_Full	24.95	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Left	25.10	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	25.11	/	/	23.79	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.81	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	20.70	/	/	<=33	Pass
		Outer_Full	24.29	/	/	22.97	/	/	<=33	Pass
		Inner_Full	25.27	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Right	25.49	/	/	24.17	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.02	/	/	20.70	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	20.78	/	/	<=33	Pass
		Outer_Full	24.35	/	/	23.03	/	/	<=33	Pass

		Inner_Full	25.31	/	/	23.99	/	/	<=33	Pass
		Inner_1RB_Left	25.49	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	24.12	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Left	21.49	/	/	20.17	/	/	<=33	Pass
		Edge_1RB_Right	21.48	/	/	20.16	/	/	<=33	Pass
		Outer_Full	23.10	/	/	21.78	/	/	<=33	Pass
		Inner_Full	24.00	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	24.11	/	/	22.79	/	/	<=33	Pass
		Inner_1RB_Right	24.02	/	/	22.70	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.58	/	/	20.26	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	20.52	/	/	<=33	Pass
		Outer_Full	23.35	/	/	22.03	/	/	<=33	Pass
		Inner_Full	24.31	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Left	23.87	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Right	24.25	/	/	22.93	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	21.90	/	/	20.58	/	/	<=33	Pass
		Outer_Full	23.48	/	/	22.16	/	/	<=33	Pass
		Inner_Full	24.38	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Left	24.49	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	22.80	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Edge_1RB_Left	22.07	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	21.98	/	/	20.66	/	/	<=33	Pass
		Outer_Full	22.56	/	/	21.24	/	/	<=33	Pass
		Inner_Full	22.57	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Left	22.95	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	21.61	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.01	/	/	20.69	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	20.91	/	/	<=33	Pass
		Outer_Full	22.84	/	/	21.52	/	/	<=33	Pass
		Inner_Full	22.89	/	/	21.57	/	/	<=33	Pass
		Inner_1RB_Left	22.95	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	23.05	/	/	21.73	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.25	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	20.87	/	/	<=33	Pass
		Outer_Full	22.94	/	/	21.62	/	/	<=33	Pass
		Inner_Full	22.97	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	21.84	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Edge_1RB_Left	20.71	/	/	19.39	/	/	<=33	Pass
		Edge_1RB_Right	20.90	/	/	19.58	/	/	<=33	Pass
		Outer_Full	20.63	/	/	19.31	/	/	<=33	Pass
		Inner_Full	20.49	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Left	20.64	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Right	20.89	/	/	19.57	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.96	/	/	19.64	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	19.61	/	/	<=33	Pass
		Outer_Full	21.00	/	/	19.68	/	/	<=33	Pass
		Inner_Full	21.02	/	/	19.70	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	19.58	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	19.60	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.90	/	/	19.58	/	/	<=33	Pass
		Edge_1RB_Right	21.06	/	/	19.74	/	/	<=33	Pass
		Outer_Full	20.82	/	/	19.50	/	/	<=33	Pass
		Inner_Full	20.78	/	/	19.46	/	/	<=33	Pass
		Inner_1RB_Left	20.89	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	19.73	/	/	<=33	Pass
CP-OFDM QPSK	2526	Edge_1RB_Left	21.85	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	20.57	/	/	<=33	Pass

		Outer_Full	22.06	/	/	20.74	/	/	<=33	Pass
		Inner_Full	23.43	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	23.73	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	22.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.83	/	/	20.51	/	/	<=33	Pass
		Edge_1RB_Right	22.12	/	/	20.80	/	/	<=33	Pass
		Outer_Full	22.34	/	/	21.02	/	/	<=33	Pass
		Inner_Full	23.77	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Left	23.59	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Right	23.81	/	/	22.49	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.08	/	/	20.76	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass
		Outer_Full	22.42	/	/	21.10	/	/	<=33	Pass
		Inner_Full	23.86	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Right	23.80	/	/	22.48	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Edge_1RB_Left	21.48	/	/	20.16	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	20.18	/	/	<=33	Pass
		Outer_Full	22.10	/	/	20.78	/	/	<=33	Pass
		Inner_Full	22.95	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	21.60	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.60	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	20.48	/	/	<=33	Pass
		Outer_Full	22.26	/	/	20.94	/	/	<=33	Pass
		Inner_Full	23.29	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	21.74	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.85	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	20.57	/	/	<=33	Pass
		Outer_Full	22.49	/	/	21.17	/	/	<=33	Pass
		Inner_Full	23.35	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	21.84	/	/	<=33	Pass
		Inner_1RB_Right	23.07	/	/	21.75	/	/	<=33	Pass
CP-OFDM 64 QAM	2526	Edge_1RB_Left	21.85	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	20.52	/	/	<=33	Pass
		Outer_Full	21.60	/	/	20.28	/	/	<=33	Pass
		Inner_Full	21.51	/	/	20.19	/	/	<=33	Pass
		Inner_1RB_Left	21.82	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	20.53	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.95	/	/	20.63	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	20.84	/	/	<=33	Pass
		Outer_Full	21.85	/	/	20.53	/	/	<=33	Pass
		Inner_Full	21.89	/	/	20.57	/	/	<=33	Pass
		Inner_1RB_Left	21.91	/	/	20.59	/	/	<=33	Pass
		Inner_1RB_Right	22.08	/	/	20.76	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	22.05	/	/	20.73	/	/	<=33	Pass
		Edge_1RB_Right	22.21	/	/	20.89	/	/	<=33	Pass
		Outer_Full	22.01	/	/	20.69	/	/	<=33	Pass
		Inner_Full	21.92	/	/	20.60	/	/	<=33	Pass
		Inner_1RB_Left	22.11	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	22.20	/	/	20.88	/	/	<=33	Pass
CP-OFDM 256 QAM	2526	Edge_1RB_Left	18.84	/	/	17.52	/	/	<=33	Pass
		Edge_1RB_Right	19.08	/	/	17.76	/	/	<=33	Pass
		Outer_Full	18.61	/	/	17.29	/	/	<=33	Pass
		Inner_Full	18.51	/	/	17.19	/	/	<=33	Pass
		Inner_1RB_Left	18.83	/	/	17.51	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	17.74	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.08	/	/	17.76	/	/	<=33	Pass

		Edge 1RB Right	19.05	/	/	17.73	/	/	<=33	Pass
		Outer Full	18.97	/	/	17.65	/	/	<=33	Pass
		Inner Full	19.04	/	/	17.72	/	/	<=33	Pass
		Inner 1RB Left	19.08	/	/	17.76	/	/	<=33	Pass
		Inner 1RB Right	19.08	/	/	17.76	/	/	<=33	Pass
	2659.98	Edge 1RB Left	19.00	/	/	17.68	/	/	<=33	Pass
		Edge 1RB Right	19.21	/	/	17.89	/	/	<=33	Pass
		Outer Full	18.87	/	/	17.55	/	/	<=33	Pass
		Inner Full	18.76	/	/	17.44	/	/	<=33	Pass
		Inner 1RB Left	19.02	/	/	17.70	/	/	<=33	Pass
		Inner 1RB Right	19.18	/	/	17.86	/	/	<=33	Pass
Note1: Antenna Gain: Ant6: -1.32dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2531.01	Edge 1RB Left	21.83	/	/	20.51	/	/	<=33	Pass
		Edge 1RB Right	21.85	/	/	20.53	/	/	<=33	Pass
		Outer Full	24.65	/	/	23.33	/	/	<=33	Pass
		Inner Full	24.95	/	/	23.63	/	/	<=33	Pass
		Inner 1RB Left	25.11	/	/	23.79	/	/	<=33	Pass
		Inner 1RB Right	25.18	/	/	23.86	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.99	/	/	20.67	/	/	<=33	Pass
		Edge 1RB Right	22.09	/	/	20.77	/	/	<=33	Pass
		Outer Full	24.75	/	/	23.43	/	/	<=33	Pass
		Inner Full	25.24	/	/	23.92	/	/	<=33	Pass
		Inner 1RB Left	25.21	/	/	23.89	/	/	<=33	Pass
		Inner 1RB Right	25.40	/	/	24.08	/	/	<=33	Pass
	2655	Edge 1RB Left	22.01	/	/	20.69	/	/	<=33	Pass
		Edge 1RB Right	22.10	/	/	20.78	/	/	<=33	Pass
		Outer Full	24.81	/	/	23.49	/	/	<=33	Pass
		Inner Full	25.35	/	/	24.03	/	/	<=33	Pass
		Inner 1RB Left	25.35	/	/	24.03	/	/	<=33	Pass
		Inner 1RB Right	25.37	/	/	24.05	/	/	<=33	Pass
DFT-s-OFDM QPSK	2531.01	Edge 1RB Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	20.60	/	/	<=33	Pass
		Outer Full	24.12	/	/	22.80	/	/	<=33	Pass
		Inner Full	24.98	/	/	23.66	/	/	<=33	Pass
		Inner 1RB Left	25.17	/	/	23.85	/	/	<=33	Pass
		Inner 1RB Right	25.21	/	/	23.89	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.88	/	/	20.56	/	/	<=33	Pass
		Edge 1RB Right	21.99	/	/	20.67	/	/	<=33	Pass
		Outer Full	24.25	/	/	22.93	/	/	<=33	Pass
		Inner Full	25.24	/	/	23.92	/	/	<=33	Pass
		Inner 1RB Left	25.20	/	/	23.88	/	/	<=33	Pass
		Inner 1RB Right	25.39	/	/	24.07	/	/	<=33	Pass
	2655	Edge 1RB Left	21.98	/	/	20.66	/	/	<=33	Pass
		Edge 1RB Right	22.06	/	/	20.74	/	/	<=33	Pass
		Outer Full	24.27	/	/	22.95	/	/	<=33	Pass
		Inner Full	25.39	/	/	24.07	/	/	<=33	Pass
		Inner 1RB Left	25.40	/	/	24.08	/	/	<=33	Pass
		Inner 1RB Right	25.37	/	/	24.05	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2531.01	Edge 1RB Left	21.64	/	/	20.32	/	/	<=33	Pass
		Edge 1RB Right	21.70	/	/	20.38	/	/	<=33	Pass
		Outer Full	23.18	/	/	21.86	/	/	<=33	Pass

		Inner_Full	24.04	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Left	24.07	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	22.61	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.78	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	20.52	/	/	<=33	Pass
		Outer_Full	23.30	/	/	21.98	/	/	<=33	Pass
		Inner_Full	24.28	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Left	24.32	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Right	24.52	/	/	23.20	/	/	<=33	Pass
	2655	Edge_1RB_Left	21.82	/	/	20.50	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	20.52	/	/	<=33	Pass
		Outer_Full	23.40	/	/	22.08	/	/	<=33	Pass
		Inner_Full	24.39	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	24.14	/	/	22.82	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2531.01	Edge_1RB_Left	22.10	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	22.25	/	/	20.93	/	/	<=33	Pass
		Outer_Full	22.70	/	/	21.38	/	/	<=33	Pass
		Inner_Full	22.55	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	21.74	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.17	/	/	20.85	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	21.00	/	/	<=33	Pass
		Outer_Full	22.84	/	/	21.52	/	/	<=33	Pass
		Inner_Full	22.86	/	/	21.54	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	21.74	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	21.83	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.30	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	20.94	/	/	<=33	Pass
		Outer_Full	22.96	/	/	21.64	/	/	<=33	Pass
		Inner_Full	22.98	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Left	23.21	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	23.17	/	/	21.85	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2531.01	Edge_1RB_Left	20.67	/	/	19.35	/	/	<=33	Pass
		Edge_1RB_Right	20.94	/	/	19.62	/	/	<=33	Pass
		Outer_Full	20.76	/	/	19.44	/	/	<=33	Pass
		Inner_Full	20.68	/	/	19.36	/	/	<=33	Pass
		Inner_1RB_Left	20.67	/	/	19.35	/	/	<=33	Pass
		Inner_1RB_Right	20.96	/	/	19.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.98	/	/	19.66	/	/	<=33	Pass
		Edge_1RB_Right	21.01	/	/	19.69	/	/	<=33	Pass
		Outer_Full	21.04	/	/	19.72	/	/	<=33	Pass
		Inner_Full	21.10	/	/	19.78	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	19.68	/	/	<=33	Pass
	2655	Edge_1RB_Left	20.98	/	/	19.66	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	19.63	/	/	<=33	Pass
		Outer_Full	20.91	/	/	19.59	/	/	<=33	Pass
		Inner_Full	20.89	/	/	19.57	/	/	<=33	Pass
		Inner_1RB_Left	20.98	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	20.95	/	/	19.63	/	/	<=33	Pass
CP-OFDM QPSK	2531.01	Edge_1RB_Left	22.04	/	/	20.72	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	20.82	/	/	<=33	Pass
		Outer_Full	22.20	/	/	20.88	/	/	<=33	Pass
		Inner_Full	23.49	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Left	23.57	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	23.85	/	/	22.53	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.09	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	21.05	/	/	<=33	Pass

		Outer_Full	22.40	/	/	21.08	/	/	<=33	Pass
		Inner_Full	23.75	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Left	23.83	/	/	22.51	/	/	<=33	Pass
		Inner_1RB_Right	23.99	/	/	22.67	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.29	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	20.94	/	/	<=33	Pass
		Outer_Full	22.41	/	/	21.09	/	/	<=33	Pass
		Inner_Full	23.81	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	22.61	/	/	<=33	Pass
CP-OFDM 16 QAM	2531.01	Edge_1RB_Left	21.54	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	20.43	/	/	<=33	Pass
		Outer_Full	22.22	/	/	20.90	/	/	<=33	Pass
		Inner_Full	23.07	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Left	22.94	/	/	21.62	/	/	<=33	Pass
		Inner_1RB_Right	23.17	/	/	21.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.83	/	/	20.51	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	20.60	/	/	<=33	Pass
		Outer_Full	22.31	/	/	20.99	/	/	<=33	Pass
		Inner_Full	23.31	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	21.74	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	21.89	/	/	<=33	Pass
	2655	Edge_1RB_Left	21.90	/	/	20.58	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	20.54	/	/	<=33	Pass
		Outer_Full	22.45	/	/	21.13	/	/	<=33	Pass
		Inner_Full	23.47	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Left	23.13	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	21.84	/	/	<=33	Pass
CP-OFDM 64 QAM	2531.01	Edge_1RB_Left	21.85	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	20.70	/	/	<=33	Pass
		Outer_Full	21.70	/	/	20.38	/	/	<=33	Pass
		Inner_Full	21.59	/	/	20.27	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Right	22.16	/	/	20.84	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.06	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	22.15	/	/	20.83	/	/	<=33	Pass
		Outer_Full	21.88	/	/	20.56	/	/	<=33	Pass
		Inner_Full	21.86	/	/	20.54	/	/	<=33	Pass
		Inner_1RB_Left	22.08	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	20.87	/	/	<=33	Pass
	2655	Edge_1RB_Left	22.14	/	/	20.82	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	20.92	/	/	<=33	Pass
		Outer_Full	21.98	/	/	20.66	/	/	<=33	Pass
		Inner_Full	21.98	/	/	20.66	/	/	<=33	Pass
		Inner_1RB_Left	22.12	/	/	20.80	/	/	<=33	Pass
		Inner_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass
CP-OFDM 256 QAM	2531.01	Edge_1RB_Left	18.88	/	/	17.56	/	/	<=33	Pass
		Edge_1RB_Right	19.14	/	/	17.82	/	/	<=33	Pass
		Outer_Full	18.80	/	/	17.48	/	/	<=33	Pass
		Inner_Full	18.70	/	/	17.38	/	/	<=33	Pass
		Inner_1RB_Left	18.80	/	/	17.48	/	/	<=33	Pass
		Inner_1RB_Right	19.16	/	/	17.84	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.15	/	/	17.83	/	/	<=33	Pass
		Edge_1RB_Right	19.13	/	/	17.81	/	/	<=33	Pass
		Outer_Full	19.06	/	/	17.74	/	/	<=33	Pass
		Inner_Full	19.10	/	/	17.78	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	17.85	/	/	<=33	Pass
		Inner_1RB_Right	19.21	/	/	17.89	/	/	<=33	Pass
	2655	Edge_1RB_Left	19.12	/	/	17.80	/	/	<=33	Pass

		Edge 1RB Right	19.14	/	/	17.82	/	/	<=33	Pass
		Outer Full	18.92	/	/	17.60	/	/	<=33	Pass
		Inner Full	18.89	/	/	17.57	/	/	<=33	Pass
		Inner 1RB Left	19.16	/	/	17.84	/	/	<=33	Pass
		Inner 1RB Right	19.15	/	/	17.83	/	/	<=33	Pass
Note1: Antenna Gain: Ant6: -1.32dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2536.02	Edge 1RB Left	21.81	/	/	20.49	/	/	<=33	Pass
		Edge 1RB Right	21.75	/	/	20.43	/	/	<=33	Pass
		Outer Full	24.60	/	/	23.28	/	/	<=33	Pass
		Inner Full	25.01	/	/	23.69	/	/	<=33	Pass
		Inner 1RB Left	25.15	/	/	23.83	/	/	<=33	Pass
		Inner 1RB Right	25.10	/	/	23.78	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.92	/	/	20.60	/	/	<=33	Pass
		Edge 1RB Right	22.18	/	/	20.86	/	/	<=33	Pass
		Outer Full	24.65	/	/	23.33	/	/	<=33	Pass
		Inner Full	25.23	/	/	23.91	/	/	<=33	Pass
		Inner 1RB Left	25.23	/	/	23.91	/	/	<=33	Pass
		Inner 1RB Right	25.43	/	/	24.11	/	/	<=33	Pass
	2649.99	Edge 1RB Left	22.03	/	/	20.71	/	/	<=33	Pass
		Edge 1RB Right	22.26	/	/	20.94	/	/	<=33	Pass
		Outer Full	24.82	/	/	23.50	/	/	<=33	Pass
		Inner Full	25.33	/	/	24.01	/	/	<=33	Pass
		Inner 1RB Left	25.30	/	/	23.98	/	/	<=33	Pass
		Inner 1RB Right	25.43	/	/	24.11	/	/	<=33	Pass
DFT-s-OFDM QPSK	2536.02	Edge 1RB Left	21.87	/	/	20.55	/	/	<=33	Pass
		Edge 1RB Right	21.78	/	/	20.46	/	/	<=33	Pass
		Outer Full	24.08	/	/	22.76	/	/	<=33	Pass
		Inner Full	25.00	/	/	23.68	/	/	<=33	Pass
		Inner 1RB Left	25.21	/	/	23.89	/	/	<=33	Pass
		Inner 1RB Right	25.08	/	/	23.76	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.89	/	/	20.57	/	/	<=33	Pass
		Edge 1RB Right	22.12	/	/	20.80	/	/	<=33	Pass
		Outer Full	24.29	/	/	22.97	/	/	<=33	Pass
		Inner Full	25.27	/	/	23.95	/	/	<=33	Pass
		Inner 1RB Left	25.28	/	/	23.96	/	/	<=33	Pass
		Inner 1RB Right	25.47	/	/	24.15	/	/	<=33	Pass
	2649.99	Edge 1RB Left	21.96	/	/	20.64	/	/	<=33	Pass
		Edge 1RB Right	22.19	/	/	20.87	/	/	<=33	Pass
		Outer Full	24.42	/	/	23.10	/	/	<=33	Pass
		Inner Full	25.37	/	/	24.05	/	/	<=33	Pass
		Inner 1RB Left	25.31	/	/	23.99	/	/	<=33	Pass
		Inner 1RB Right	25.38	/	/	24.06	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Edge 1RB Left	21.74	/	/	20.42	/	/	<=33	Pass
		Edge 1RB Right	21.73	/	/	20.41	/	/	<=33	Pass
		Outer Full	23.15	/	/	21.83	/	/	<=33	Pass
		Inner Full	24.08	/	/	22.76	/	/	<=33	Pass
		Inner 1RB Left	23.95	/	/	22.63	/	/	<=33	Pass
		Inner 1RB Right	23.88	/	/	22.56	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.66	/	/	20.34	/	/	<=33	Pass
		Edge 1RB Right	21.87	/	/	20.55	/	/	<=33	Pass
		Outer Full	23.30	/	/	21.98	/	/	<=33	Pass

		Inner_Full	24.35	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Left	24.09	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Right	24.16	/	/	22.84	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.78	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	20.64	/	/	<=33	Pass
		Outer_Full	23.50	/	/	22.18	/	/	<=33	Pass
		Inner_Full	24.43	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	24.08	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	24.38	/	/	23.06	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.18	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	22.11	/	/	20.79	/	/	<=33	Pass
		Outer_Full	22.69	/	/	21.37	/	/	<=33	Pass
		Inner_Full	22.58	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Left	23.07	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Right	22.98	/	/	21.66	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.21	/	/	20.89	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	21.15	/	/	<=33	Pass
		Outer_Full	22.83	/	/	21.51	/	/	<=33	Pass
		Inner_Full	22.85	/	/	21.53	/	/	<=33	Pass
		Inner_1RB_Left	23.17	/	/	21.85	/	/	<=33	Pass
		Inner_1RB_Right	23.19	/	/	21.87	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.31	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	21.33	/	/	<=33	Pass
		Outer_Full	22.92	/	/	21.60	/	/	<=33	Pass
		Inner_Full	23.07	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Right	23.31	/	/	21.99	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge_1RB_Left	20.73	/	/	19.41	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	19.54	/	/	<=33	Pass
		Outer_Full	20.79	/	/	19.47	/	/	<=33	Pass
		Inner_Full	20.70	/	/	19.38	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	19.40	/	/	<=33	Pass
		Inner_1RB_Right	20.86	/	/	19.54	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.95	/	/	19.63	/	/	<=33	Pass
		Edge_1RB_Right	21.07	/	/	19.75	/	/	<=33	Pass
		Outer_Full	21.03	/	/	19.71	/	/	<=33	Pass
		Inner_Full	21.10	/	/	19.78	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Right	21.04	/	/	19.72	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.03	/	/	19.71	/	/	<=33	Pass
		Edge_1RB_Right	21.08	/	/	19.76	/	/	<=33	Pass
		Outer_Full	20.98	/	/	19.66	/	/	<=33	Pass
		Inner_Full	21.00	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Left	20.99	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Right	21.08	/	/	19.76	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Edge_1RB_Left	22.15	/	/	20.83	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	20.76	/	/	<=33	Pass
		Outer_Full	22.12	/	/	20.80	/	/	<=33	Pass
		Inner_Full	23.49	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Left	23.67	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	22.36	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.84	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	22.12	/	/	20.80	/	/	<=33	Pass
		Outer_Full	22.32	/	/	21.00	/	/	<=33	Pass
		Inner_Full	23.78	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Right	23.97	/	/	22.65	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	22.26	/	/	20.94	/	/	<=33	Pass
		Edge_1RB_Right	22.42	/	/	21.10	/	/	<=33	Pass

Note1: Antenna Gain: Ant6: -1.32dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2541	Edge_1RB_Left	21.92	/	/	20.60	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	20.56	/	/	<=33	Pass
		Outer_Full	24.63	/	/	23.31	/	/	<=33	Pass
		Inner_Full	25.10	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	25.17	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	23.80	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.80	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	20.87	/	/	<=33	Pass
		Outer_Full	24.69	/	/	23.37	/	/	<=33	Pass
		Inner_Full	25.25	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Right	25.42	/	/	24.10	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.00	/	/	20.68	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	20.96	/	/	<=33	Pass
		Outer_Full	24.87	/	/	23.55	/	/	<=33	Pass
		Inner_Full	25.38	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Right	25.39	/	/	24.07	/	/	<=33	Pass
DFT-s-OFDM QPSK	2541	Edge_1RB_Left	21.82	/	/	20.50	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	20.54	/	/	<=33	Pass
		Outer_Full	24.23	/	/	22.91	/	/	<=33	Pass
		Inner_Full	25.11	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Right	25.13	/	/	23.81	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	20.77	/	/	<=33	Pass
		Outer_Full	24.22	/	/	22.90	/	/	<=33	Pass
		Inner_Full	25.26	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	25.12	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Right	25.42	/	/	24.10	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.97	/	/	20.65	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	20.95	/	/	<=33	Pass
		Outer_Full	24.40	/	/	23.08	/	/	<=33	Pass
		Inner_Full	25.36	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	25.43	/	/	24.11	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge_1RB_Left	21.71	/	/	20.39	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	20.34	/	/	<=33	Pass
		Outer_Full	23.16	/	/	21.84	/	/	<=33	Pass
		Inner_Full	24.10	/	/	22.78	/	/	<=33	Pass
		Inner_1RB_Left	24.05	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Right	23.95	/	/	22.63	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.66	/	/	20.34	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	20.57	/	/	<=33	Pass
		Outer_Full	23.25	/	/	21.93	/	/	<=33	Pass
		Inner_Full	24.39	/	/	23.07	/	/	<=33	Pass
	2644.98	Inner_1RB_Left	24.04	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	24.43	/	/	23.11	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	20.63	/	/	<=33	Pass

		Outer_Full	23.46	/	/	22.14	/	/	<=33	Pass
		Inner_Full	24.57	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Left	24.24	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Right	24.21	/	/	22.89	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Edge_1RB_Left	22.26	/	/	20.94	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass
		Outer_Full	22.79	/	/	21.47	/	/	<=33	Pass
		Inner_Full	22.60	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	21.84	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	21.74	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.17	/	/	20.85	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	21.17	/	/	<=33	Pass
		Outer_Full	22.78	/	/	21.46	/	/	<=33	Pass
		Inner_Full	22.87	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	22.10	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.34	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	21.19	/	/	<=33	Pass
		Outer_Full	23.07	/	/	21.75	/	/	<=33	Pass
		Inner_Full	23.11	/	/	21.79	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Right	23.37	/	/	22.05	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2541	Edge_1RB_Left	20.74	/	/	19.42	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	19.61	/	/	<=33	Pass
		Outer_Full	20.88	/	/	19.56	/	/	<=33	Pass
		Inner_Full	20.82	/	/	19.50	/	/	<=33	Pass
		Inner_1RB_Left	20.71	/	/	19.39	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	19.61	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.80	/	/	19.48	/	/	<=33	Pass
		Edge_1RB_Right	20.97	/	/	19.65	/	/	<=33	Pass
		Outer_Full	21.07	/	/	19.75	/	/	<=33	Pass
		Inner_Full	21.11	/	/	19.79	/	/	<=33	Pass
		Inner_1RB_Left	20.80	/	/	19.48	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	19.62	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.02	/	/	19.70	/	/	<=33	Pass
		Edge_1RB_Right	21.11	/	/	19.79	/	/	<=33	Pass
		Outer_Full	21.07	/	/	19.75	/	/	<=33	Pass
		Inner_Full	21.13	/	/	19.81	/	/	<=33	Pass
		Inner_1RB_Left	21.05	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	19.80	/	/	<=33	Pass
CP-OFDM QPSK	2541	Edge_1RB_Left	22.19	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	20.94	/	/	<=33	Pass
		Outer_Full	22.30	/	/	20.98	/	/	<=33	Pass
		Inner_Full	23.57	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	23.67	/	/	22.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	22.18	/	/	20.86	/	/	<=33	Pass
		Outer_Full	22.27	/	/	20.95	/	/	<=33	Pass
		Inner_Full	23.72	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Left	23.67	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Right	23.86	/	/	22.54	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	22.17	/	/	20.85	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	21.45	/	/	<=33	Pass
		Outer_Full	22.52	/	/	21.20	/	/	<=33	Pass
		Inner_Full	23.98	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Right	24.06	/	/	22.74	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Edge_1RB_Left	21.73	/	/	20.41	/	/	<=33	Pass

		Edge_1RB_Right	21.68	/	/	20.36	/	/	<=33	Pass
		Outer_Full	22.20	/	/	20.88	/	/	<=33	Pass
		Inner_Full	23.15	/	/	21.83	/	/	<=33	Pass
		Inner_1RB_Left	22.96	/	/	21.64	/	/	<=33	Pass
		Inner_1RB_Right	22.91	/	/	21.59	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.06	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	21.09	/	/	<=33	Pass
		Outer_Full	22.21	/	/	20.89	/	/	<=33	Pass
		Inner_Full	23.32	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	22.03	/	/	<=33	Pass
	2644.98	Inner_1RB_Right	23.33	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Left	21.85	/	/	20.53	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	20.82	/	/	<=33	Pass
		Outer_Full	22.53	/	/	21.21	/	/	<=33	Pass
		Inner_Full	23.27	/	/	21.95	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Inner_1RB_Left	22.80	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Left	21.98	/	/	20.66	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	20.81	/	/	<=33	Pass
		Outer_Full	21.74	/	/	20.42	/	/	<=33	Pass
	2592.99	Inner_Full	21.75	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Left	22.00	/	/	20.68	/	/	<=33	Pass
		Inner_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Left	21.67	/	/	20.35	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	20.68	/	/	<=33	Pass
	2644.98	Outer_Full	21.72	/	/	20.40	/	/	<=33	Pass
		Inner_Full	21.82	/	/	20.50	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	20.25	/	/	<=33	Pass
		Inner_1RB_Right	21.94	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Left	21.87	/	/	20.55	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Edge_1RB_Right	22.17	/	/	20.85	/	/	<=33	Pass
		Outer_Full	21.76	/	/	20.44	/	/	<=33	Pass
		Inner_Full	21.93	/	/	20.61	/	/	<=33	Pass
		Inner_1RB_Left	21.88	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Right	22.31	/	/	20.99	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.91	/	/	17.59	/	/	<=33	Pass
		Edge_1RB_Right	19.12	/	/	17.80	/	/	<=33	Pass
		Outer_Full	18.88	/	/	17.56	/	/	<=33	Pass
		Inner_Full	18.84	/	/	17.52	/	/	<=33	Pass
		Inner_1RB_Left	18.92	/	/	17.60	/	/	<=33	Pass
	2644.98	Inner_1RB_Right	19.08	/	/	17.76	/	/	<=33	Pass
		Edge_1RB_Left	18.94	/	/	17.62	/	/	<=33	Pass
		Edge_1RB_Right	19.15	/	/	17.83	/	/	<=33	Pass
		Outer_Full	19.01	/	/	17.69	/	/	<=33	Pass
		Inner_Full	19.11	/	/	17.79	/	/	<=33	Pass
	Inner_1RB_Left	19.02	/	/	17.70	/	/	<=33	Pass	
	Inner_1RB_Right	19.12	/	/	17.80	/	/	<=33	Pass	
	Edge_1RB_Left	18.95	/	/	17.63	/	/	<=33	Pass	
	Edge_1RB_Right	19.04	/	/	17.72	/	/	<=33	Pass	
	Outer_Full	18.82	/	/	17.50	/	/	<=33	Pass	
Note1: Antenna Gain: Ant6: -1.32dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2546.01	Edge 1RB Left	21.74	/	/	20.42	/	/	<=33	Pass
		Edge 1RB Right	21.76	/	/	20.44	/	/	<=33	Pass
		Outer Full	24.45	/	/	23.13	/	/	<=33	Pass
		Inner Full	24.82	/	/	23.50	/	/	<=33	Pass
		Inner 1RB Left	25.00	/	/	23.68	/	/	<=33	Pass
		Inner 1RB Right	25.13	/	/	23.81	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.49	/	/	20.17	/	/	<=33	Pass
		Edge 1RB Right	22.05	/	/	20.73	/	/	<=33	Pass
		Outer Full	24.40	/	/	23.08	/	/	<=33	Pass
		Inner Full	25.00	/	/	23.68	/	/	<=33	Pass
		Inner 1RB Left	24.80	/	/	23.48	/	/	<=33	Pass
		Inner 1RB Right	25.30	/	/	23.98	/	/	<=33	Pass
	2640	Edge 1RB Left	21.74	/	/	20.42	/	/	<=33	Pass
		Edge 1RB Right	22.09	/	/	20.77	/	/	<=33	Pass
		Outer Full	24.57	/	/	23.25	/	/	<=33	Pass
		Inner Full	25.11	/	/	23.79	/	/	<=33	Pass
		Inner 1RB Left	25.07	/	/	23.75	/	/	<=33	Pass
		Inner 1RB Right	25.19	/	/	23.87	/	/	<=33	Pass
DFT-s-OFDM QPSK	2546.01	Edge 1RB Left	21.72	/	/	20.40	/	/	<=33	Pass
		Edge 1RB Right	21.77	/	/	20.45	/	/	<=33	Pass
		Outer Full	23.90	/	/	22.58	/	/	<=33	Pass
		Inner Full	24.82	/	/	23.50	/	/	<=33	Pass
		Inner 1RB Left	25.02	/	/	23.70	/	/	<=33	Pass
		Inner 1RB Right	25.07	/	/	23.75	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.49	/	/	20.17	/	/	<=33	Pass
		Edge 1RB Right	22.03	/	/	20.71	/	/	<=33	Pass
		Outer Full	24.02	/	/	22.70	/	/	<=33	Pass
		Inner Full	25.01	/	/	23.69	/	/	<=33	Pass
		Inner 1RB Left	24.76	/	/	23.44	/	/	<=33	Pass
		Inner 1RB Right	25.22	/	/	23.90	/	/	<=33	Pass
	2640	Edge 1RB Left	21.77	/	/	20.45	/	/	<=33	Pass
		Edge 1RB Right	21.97	/	/	20.65	/	/	<=33	Pass
		Outer Full	24.11	/	/	22.79	/	/	<=33	Pass
		Inner Full	25.13	/	/	23.81	/	/	<=33	Pass
		Inner 1RB Left	25.09	/	/	23.77	/	/	<=33	Pass
		Inner 1RB Right	25.24	/	/	23.92	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2546.01	Edge 1RB Left	21.61	/	/	20.29	/	/	<=33	Pass
		Edge 1RB Right	21.63	/	/	20.31	/	/	<=33	Pass
		Outer Full	23.02	/	/	21.70	/	/	<=33	Pass
		Inner Full	23.90	/	/	22.58	/	/	<=33	Pass
		Inner 1RB Left	23.93	/	/	22.61	/	/	<=33	Pass
		Inner 1RB Right	24.05	/	/	22.73	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.26	/	/	19.94	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	20.60	/	/	<=33	Pass
		Outer Full	23.14	/	/	21.82	/	/	<=33	Pass
		Inner Full	24.10	/	/	22.78	/	/	<=33	Pass
		Inner 1RB Left	23.70	/	/	22.38	/	/	<=33	Pass
		Inner 1RB Right	24.17	/	/	22.85	/	/	<=33	Pass
	2640	Edge 1RB Left	21.66	/	/	20.34	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	20.60	/	/	<=33	Pass
		Outer Full	23.20	/	/	21.88	/	/	<=33	Pass
		Inner Full	24.20	/	/	22.88	/	/	<=33	Pass
		Inner 1RB Left	23.87	/	/	22.55	/	/	<=33	Pass
		Inner 1RB Right	24.06	/	/	22.74	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2546.01	Edge 1RB Left	22.08	/	/	20.76	/	/	<=33	Pass
		Edge 1RB Right	22.16	/	/	20.84	/	/	<=33	Pass

		Outer_Full	22.52	/	/	21.20	/	/	<=33	Pass
		Inner_Full	22.48	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	22.97	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	21.62	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.90	/	/	20.58	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	21.00	/	/	<=33	Pass
		Outer_Full	22.54	/	/	21.22	/	/	<=33	Pass
		Inner_Full	22.64	/	/	21.32	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Right	23.27	/	/	21.95	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.10	/	/	20.78	/	/	<=33	Pass
		Edge_1RB_Right	22.34	/	/	21.02	/	/	<=33	Pass
		Outer_Full	22.79	/	/	21.47	/	/	<=33	Pass
		Inner_Full	22.79	/	/	21.47	/	/	<=33	Pass
		Inner_1RB_Left	23.08	/	/	21.76	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	21.89	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2546.01	Edge_1RB_Left	20.52	/	/	19.20	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	19.42	/	/	<=33	Pass
		Outer_Full	20.64	/	/	19.32	/	/	<=33	Pass
		Inner_Full	20.60	/	/	19.28	/	/	<=33	Pass
		Inner_1RB_Left	20.49	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	19.44	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.45	/	/	19.13	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	19.40	/	/	<=33	Pass
		Outer_Full	20.74	/	/	19.42	/	/	<=33	Pass
		Inner_Full	20.87	/	/	19.55	/	/	<=33	Pass
		Inner_1RB_Left	20.46	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Right	20.75	/	/	19.43	/	/	<=33	Pass
	2640	Edge_1RB_Left	20.77	/	/	19.45	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	19.55	/	/	<=33	Pass
		Outer_Full	20.75	/	/	19.43	/	/	<=33	Pass
		Inner_Full	20.84	/	/	19.52	/	/	<=33	Pass
		Inner_1RB_Left	20.79	/	/	19.47	/	/	<=33	Pass
		Inner_1RB_Right	20.84	/	/	19.52	/	/	<=33	Pass
CP-OFDM QPSK	2546.01	Edge_1RB_Left	21.93	/	/	20.61	/	/	<=33	Pass
		Edge_1RB_Right	22.25	/	/	20.93	/	/	<=33	Pass
		Outer_Full	22.04	/	/	20.72	/	/	<=33	Pass
		Inner_Full	23.28	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	23.67	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Right	23.69	/	/	22.37	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.07	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	21.29	/	/	<=33	Pass
		Outer_Full	22.09	/	/	20.77	/	/	<=33	Pass
		Inner_Full	23.51	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	22.23	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	22.68	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.81	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	20.67	/	/	<=33	Pass
		Outer_Full	22.20	/	/	20.88	/	/	<=33	Pass
		Inner_Full	23.61	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	23.88	/	/	22.56	/	/	<=33	Pass
CP-OFDM 16 QAM	2546.01	Edge_1RB_Left	21.61	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	21.64	/	/	20.32	/	/	<=33	Pass
		Outer_Full	21.99	/	/	20.67	/	/	<=33	Pass
		Inner_Full	22.90	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	21.46	/	/	<=33	Pass
		Inner_1RB_Right	22.88	/	/	21.56	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.53	/	/	20.21	/	/	<=33	Pass

		Edge 1RB Right	21.88	/	/	20.56	/	/	<=33	Pass
		Outer Full	21.96	/	/	20.64	/	/	<=33	Pass
		Inner Full	23.07	/	/	21.75	/	/	<=33	Pass
		Inner 1RB Left	22.75	/	/	21.43	/	/	<=33	Pass
		Inner 1RB Right	23.17	/	/	21.85	/	/	<=33	Pass
	2640	Edge 1RB Left	21.71	/	/	20.39	/	/	<=33	Pass
		Edge 1RB Right	22.02	/	/	20.70	/	/	<=33	Pass
		Outer Full	22.14	/	/	20.82	/	/	<=33	Pass
		Inner Full	23.26	/	/	21.94	/	/	<=33	Pass
		Inner 1RB Left	22.90	/	/	21.58	/	/	<=33	Pass
	Inner 1RB Right	23.11	/	/	21.79	/	/	<=33	Pass	
CP-OFDM 64 QAM	2546.01	Edge 1RB Left	21.84	/	/	20.52	/	/	<=33	Pass
		Edge 1RB Right	21.90	/	/	20.58	/	/	<=33	Pass
		Outer Full	21.60	/	/	20.28	/	/	<=33	Pass
		Inner Full	21.47	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Left	21.86	/	/	20.54	/	/	<=33	Pass
		Inner 1RB Right	21.94	/	/	20.62	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.65	/	/	20.33	/	/	<=33	Pass
		Edge 1RB Right	22.13	/	/	20.81	/	/	<=33	Pass
		Outer Full	21.59	/	/	20.27	/	/	<=33	Pass
		Inner Full	21.64	/	/	20.32	/	/	<=33	Pass
		Inner 1RB Left	21.73	/	/	20.41	/	/	<=33	Pass
		Inner 1RB Right	22.18	/	/	20.86	/	/	<=33	Pass
	2640	Edge 1RB Left	21.86	/	/	20.54	/	/	<=33	Pass
		Edge 1RB Right	22.21	/	/	20.89	/	/	<=33	Pass
		Outer Full	21.69	/	/	20.37	/	/	<=33	Pass
		Inner Full	21.83	/	/	20.51	/	/	<=33	Pass
		Inner 1RB Left	21.95	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Right	22.08	/	/	20.76	/	/	<=33	Pass
CP-OFDM 256 QAM	2546.01	Edge 1RB Left	18.73	/	/	17.41	/	/	<=33	Pass
		Edge 1RB Right	18.93	/	/	17.61	/	/	<=33	Pass
		Outer Full	18.68	/	/	17.36	/	/	<=33	Pass
		Inner Full	18.62	/	/	17.30	/	/	<=33	Pass
		Inner 1RB Left	18.69	/	/	17.37	/	/	<=33	Pass
		Inner 1RB Right	18.92	/	/	17.60	/	/	<=33	Pass
	2592.99	Edge 1RB Left	18.60	/	/	17.28	/	/	<=33	Pass
		Edge 1RB Right	18.89	/	/	17.57	/	/	<=33	Pass
		Outer Full	18.75	/	/	17.43	/	/	<=33	Pass
		Inner Full	18.84	/	/	17.52	/	/	<=33	Pass
		Inner 1RB Left	18.61	/	/	17.29	/	/	<=33	Pass
		Inner 1RB Right	18.88	/	/	17.56	/	/	<=33	Pass
	2640	Edge 1RB Left	18.97	/	/	17.65	/	/	<=33	Pass
		Edge 1RB Right	19.10	/	/	17.78	/	/	<=33	Pass
		Outer Full	18.74	/	/	17.42	/	/	<=33	Pass
Inner Full		18.78	/	/	17.46	/	/	<=33	Pass	
Inner 1RB Left		18.97	/	/	17.65	/	/	<=33	Pass	
	Inner 1RB Right	19.02	/	/	17.70	/	/	<=33	Pass	
Note1: Antenna Gain: Ant6: -1.32dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n41 SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n41 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	8.70	9.59	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	8.66	9.58	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	8.67	9.55	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	8.68	9.59	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	8.65	9.46	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	8.72	9.91	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	8.70	9.53	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	8.70	12.75	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	8.74	9.52	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n41 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	13.07	14.09	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	13.08	14.19	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	13.04	14.12	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	13.09	14.16	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	13.02	14.07	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	13.80	15.45	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	13.79	14.86	/	Pass

CP-OFDM 64 QAM	2592.99	Outer Full	13.84	16.06	/	Pass
CP-OFDM 256 QAM	2592.99	Outer Full	13.77	14.91	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n41 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer Full	18.17	19.53	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer Full	18.14	19.41	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer Full	18.09	19.36	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer Full	18.15	19.38	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer Full	18.08	19.38	/	Pass
CP-OFDM QPSK	2592.99	Outer Full	18.36	22.06	/	Pass
CP-OFDM 16 QAM	2592.99	Outer Full	18.47	23.40	/	Pass
CP-OFDM 64 QAM	2592.99	Outer Full	18.39	20.09	/	Pass
CP-OFDM 256 QAM	2592.99	Outer Full	18.39	19.75	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n41 SCS=30kHz SISO 25MHz 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	23.20	24.72	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer Full	23.12	24.67	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer Full	23.14	24.75	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer Full	23.21	24.78	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer Full	23.07	24.67	/	Pass
CP-OFDM QPSK	2592.99	Outer Full	23.45	26.53	/	Pass
CP-OFDM 16 QAM	2592.99	Outer Full	23.49	25.10	/	Pass
CP-OFDM 64 QAM	2592.99	Outer Full	23.46	25.12	/	Pass
CP-OFDM 256 QAM	2592.99	Outer Full	23.39	25.13	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

5G NR n41 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer Full	27.14	29.20	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer Full	27.11	29.16	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer Full	27.12	29.14	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer Full	27.22	29.18	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer Full	27.14	29.09	/	Pass
CP-OFDM QPSK	2592.99	Outer Full	28.16	40.24	/	Pass
CP-OFDM 16 QAM	2592.99	Outer Full	28.28	30.26	/	Pass
CP-OFDM 64 QAM	2592.99	Outer Full	28.16	33.34	/	Pass
CP-OFDM 256 QAM	2592.99	Outer Full	28.09	30.16	/	Pass

3.1.6 30k_SISO_40MHz_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	36.24	38.74	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	36.28	38.74	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	36.15	38.73	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	36.15	38.81	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	36.05	38.59	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	38.21	52.74	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	38.27	44.50	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	38.23	40.85	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	38.13	40.85	/	Pass

3.1.7 30k_SISO_50MHz_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	46.17	49.34	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	46.14	49.34	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	46.03	49.38	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	46.08	49.42	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	46.12	49.32	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	48.05	54.85	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	48.01	54.45	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	47.95	51.35	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	47.77	51.12	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	58.26	62.25	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	58.24	62.26	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	58.27	62.23	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	58.47	62.38	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	58.33	62.31	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	58.24	62.77	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	58.25	65.08	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	58.43	65.54	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	58.16	62.12	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n41 SCS=30kHz SISO 70MHz 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	64.94	69.38	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	64.70	69.64	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	64.78	69.55	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	64.78	69.69	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	64.78	69.49	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	68.17	73.03	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	68.02	75.78	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	68.06	72.87	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	67.81	72.65	/	Pass

3.1.10 30k_SISO_80MHz_NTNV

5G NR n41 SCS=30kHz SISO 80MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	77.61	82.96	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	77.44	82.99	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	77.62	82.96	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	77.53	83.09	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	77.61	82.93	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	77.93	83.45	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	77.83	83.26	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	77.99	85.95	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	77.88	83.36	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

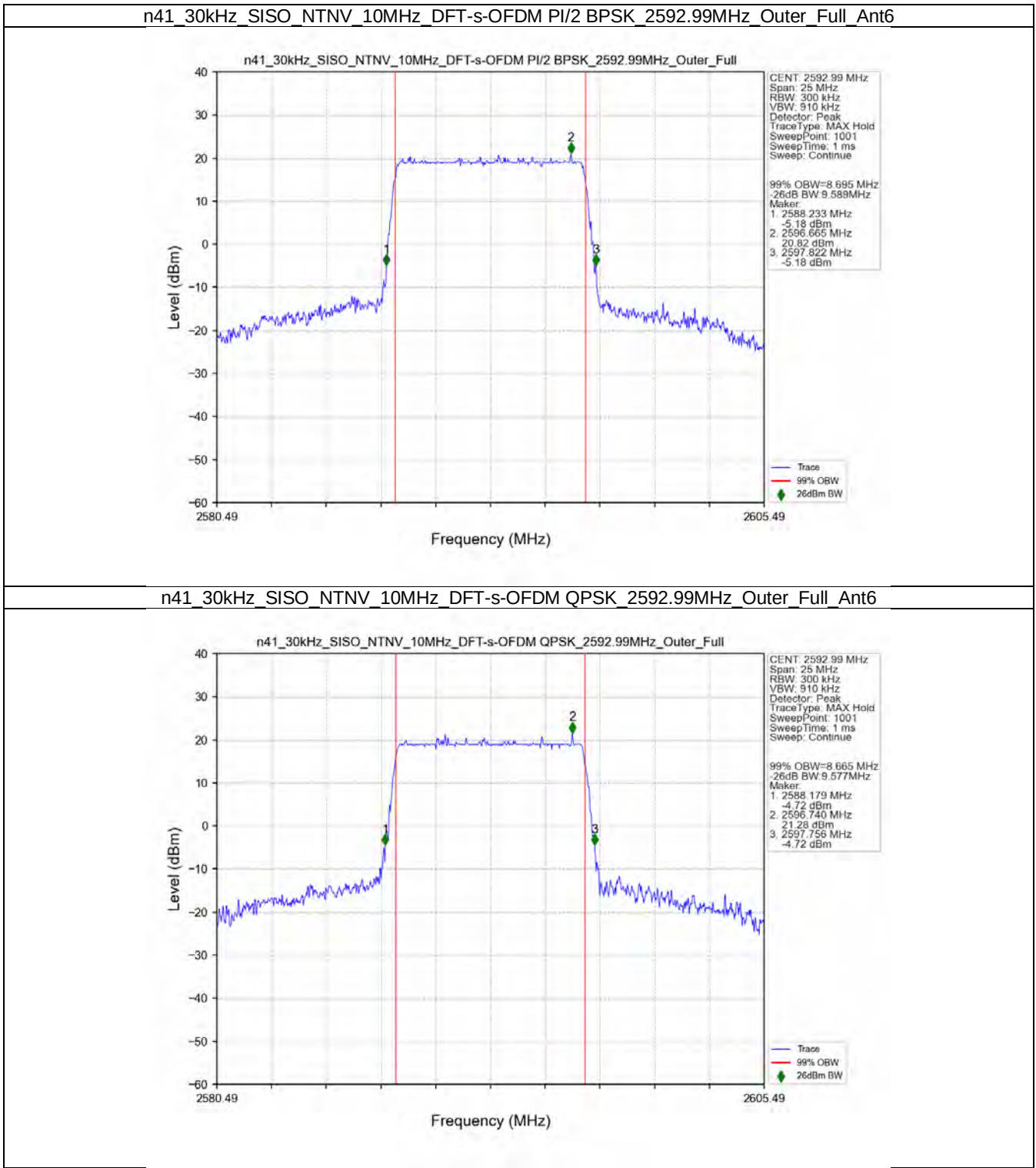
5G NR n41 SCS=30kHz SISO 90MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	87.12	93.02	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	87.21	93.30	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	87.08	93.10	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	86.93	93.16	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	87.19	93.04	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	87.98	93.83	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	88.11	93.85	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	87.84	93.82	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	87.50	93.75	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

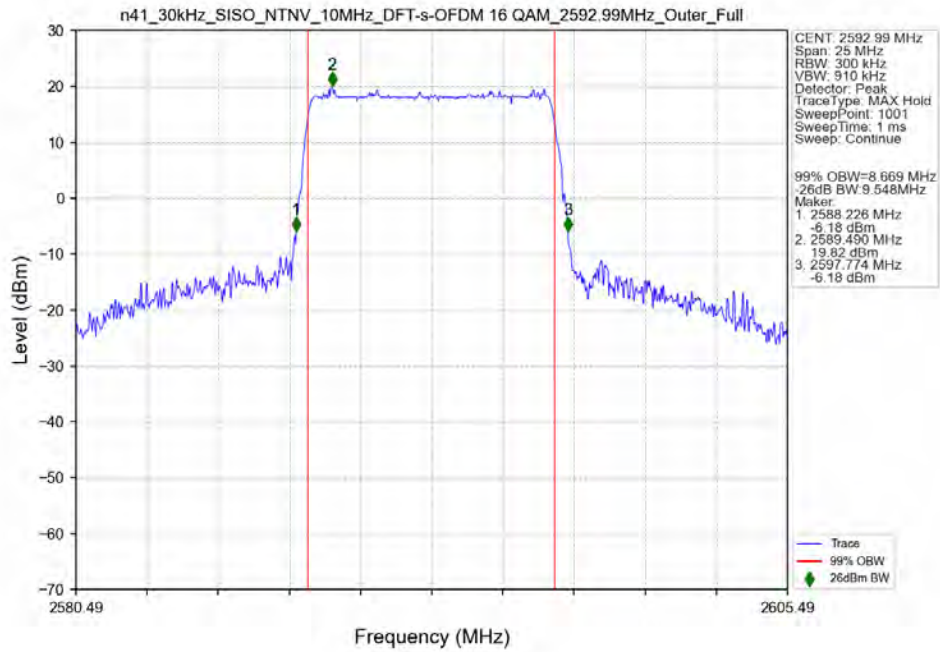
5G NR n41 SCS=30kHz SISO 100MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	96.83	103.47	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	96.71	103.62	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	96.72	103.44	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	96.51	103.47	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	96.63	103.61	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	97.88	104.63	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	97.72	104.65	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	97.68	104.53	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	97.78	104.50	/	Pass

3.2 Test Graph

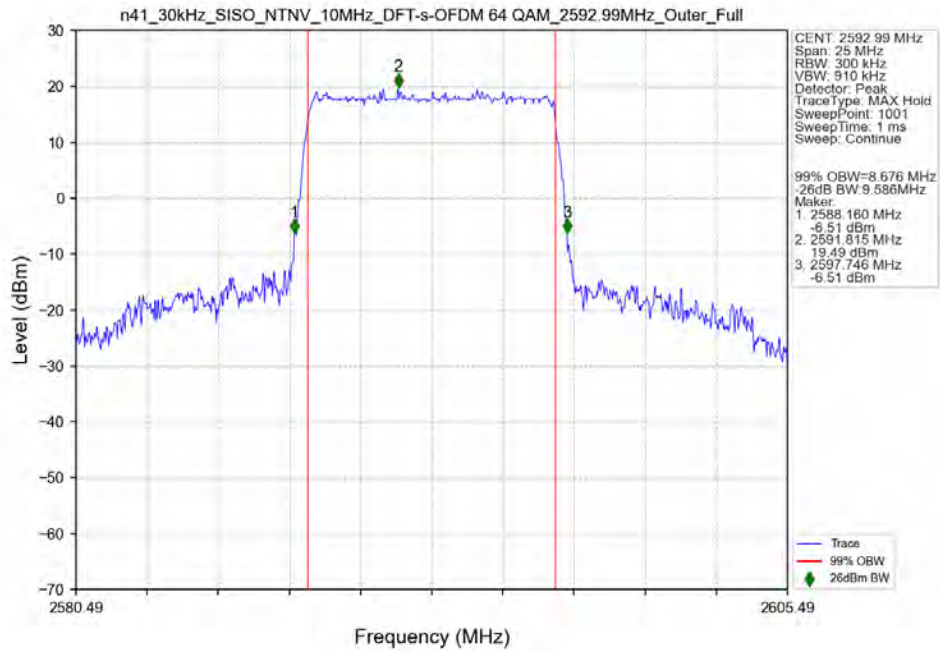
3.2.1 30k_SISO_10MHz_NTNV



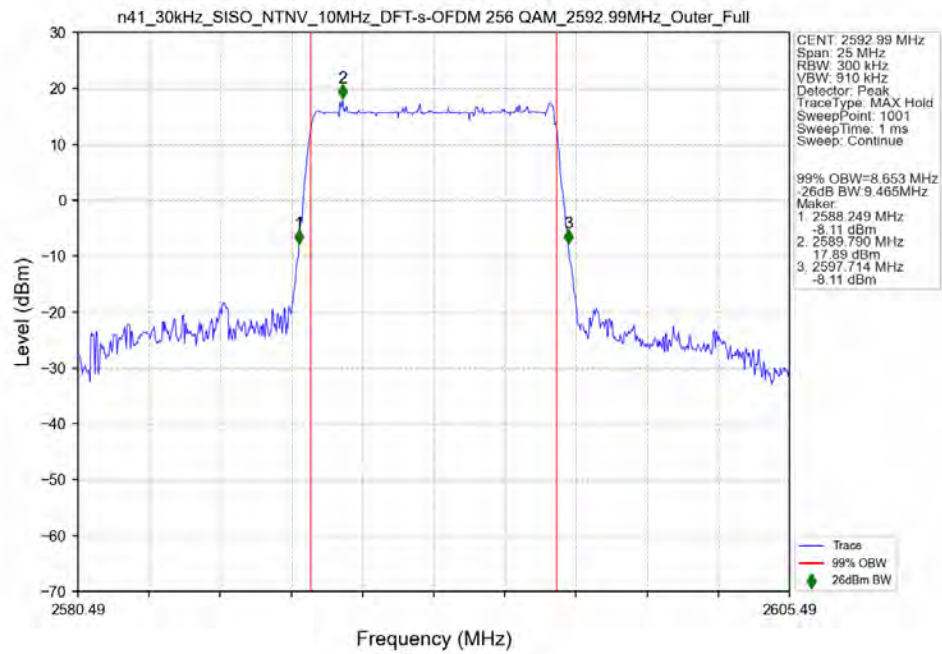
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant6



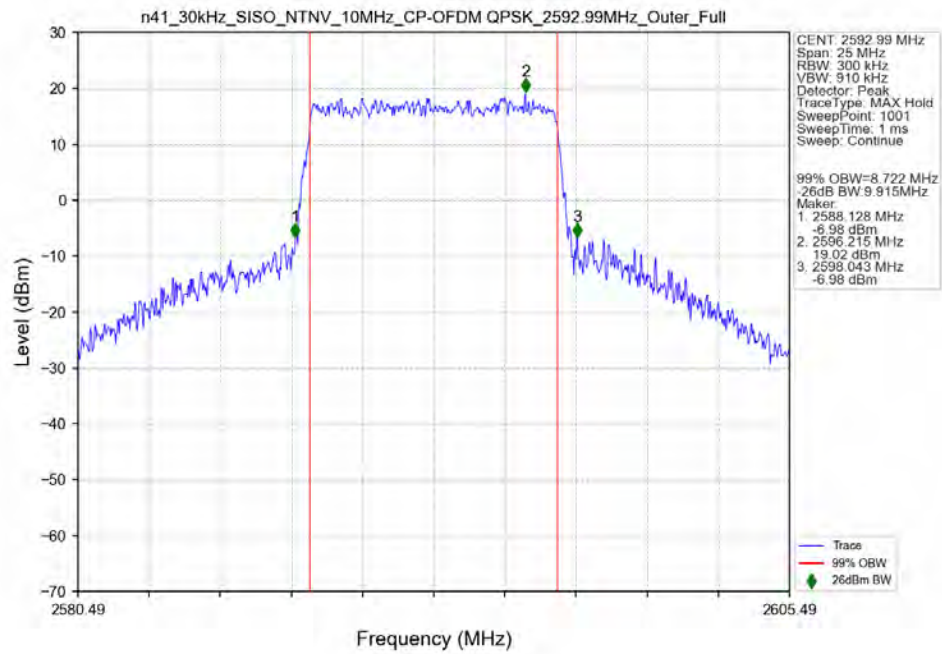
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant6



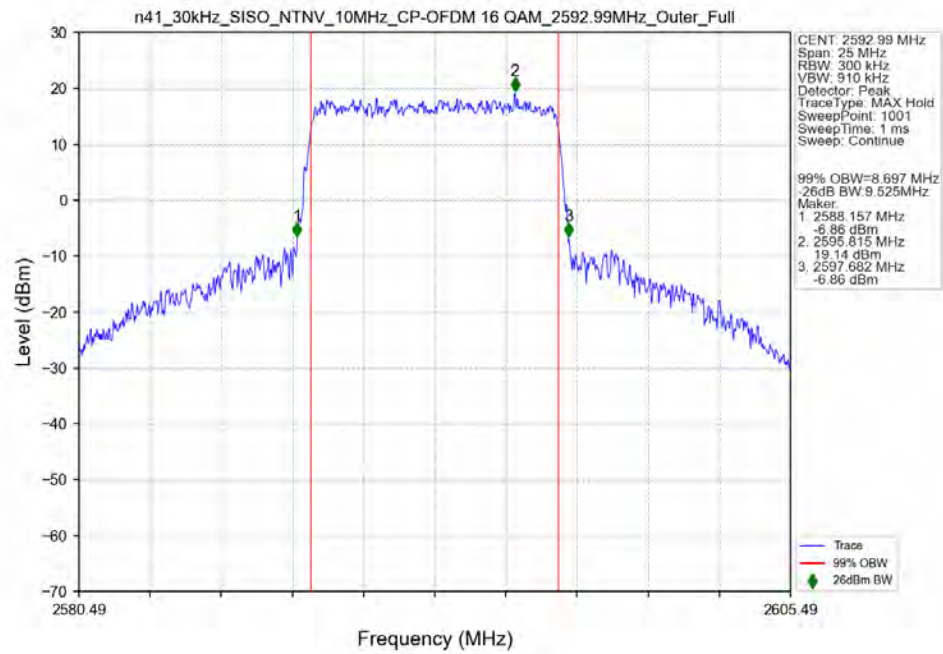
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



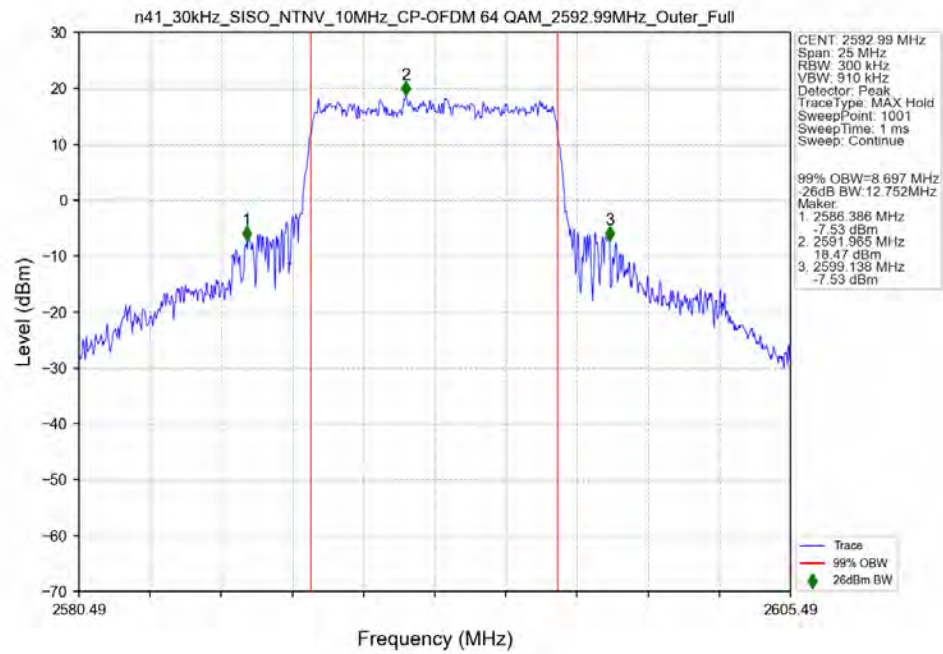
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6

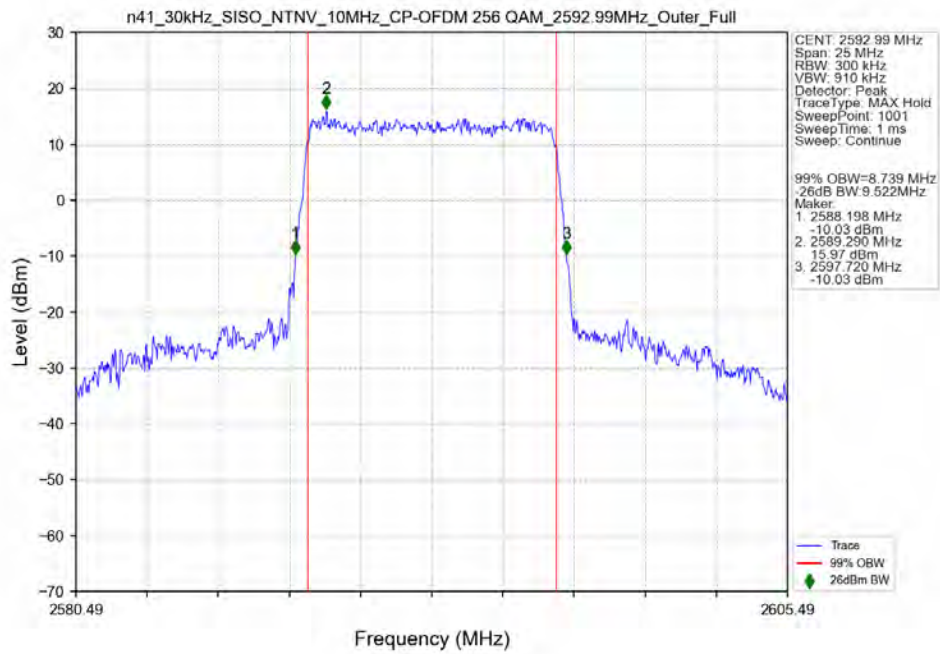


n41_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6

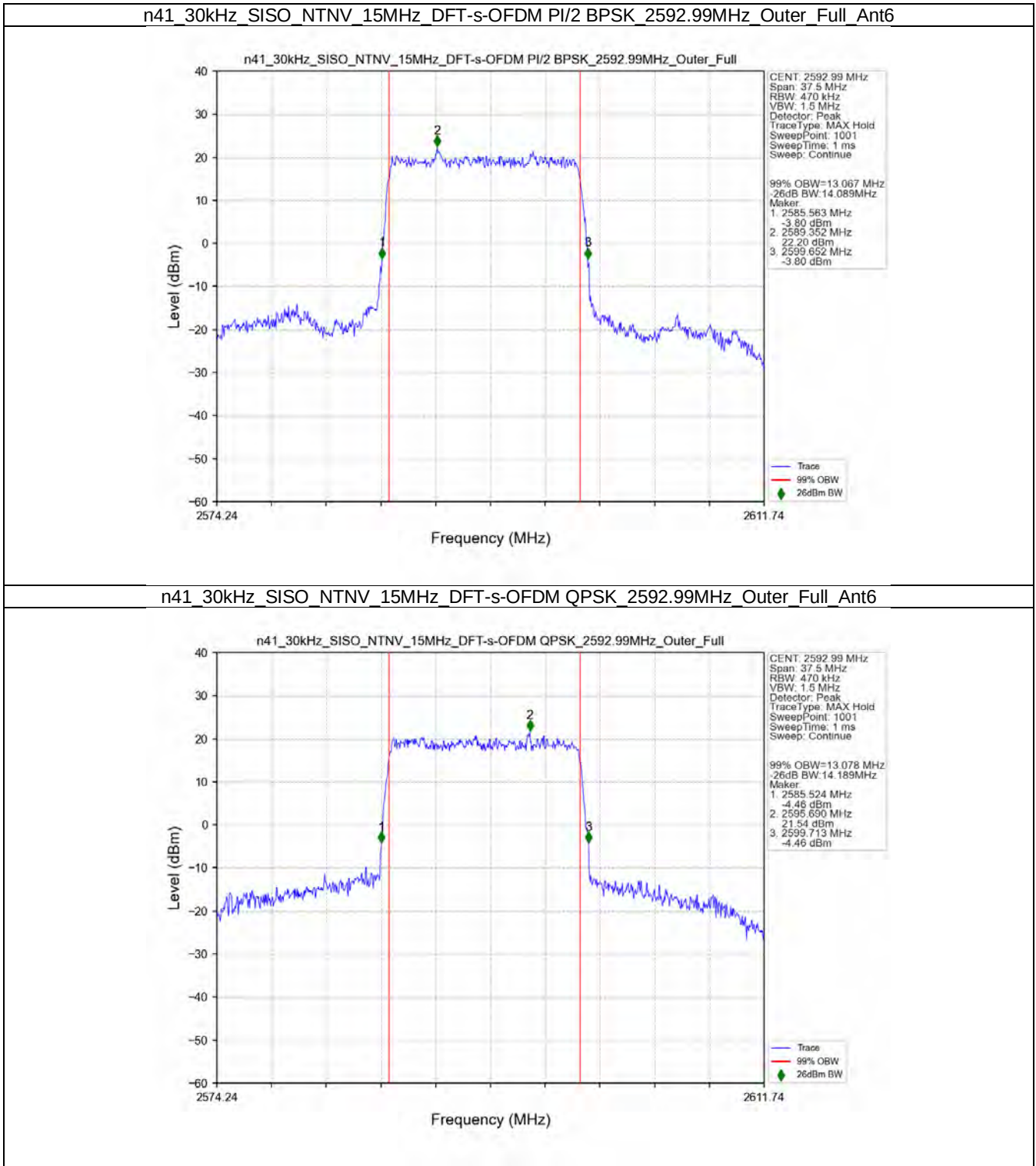


n41_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6

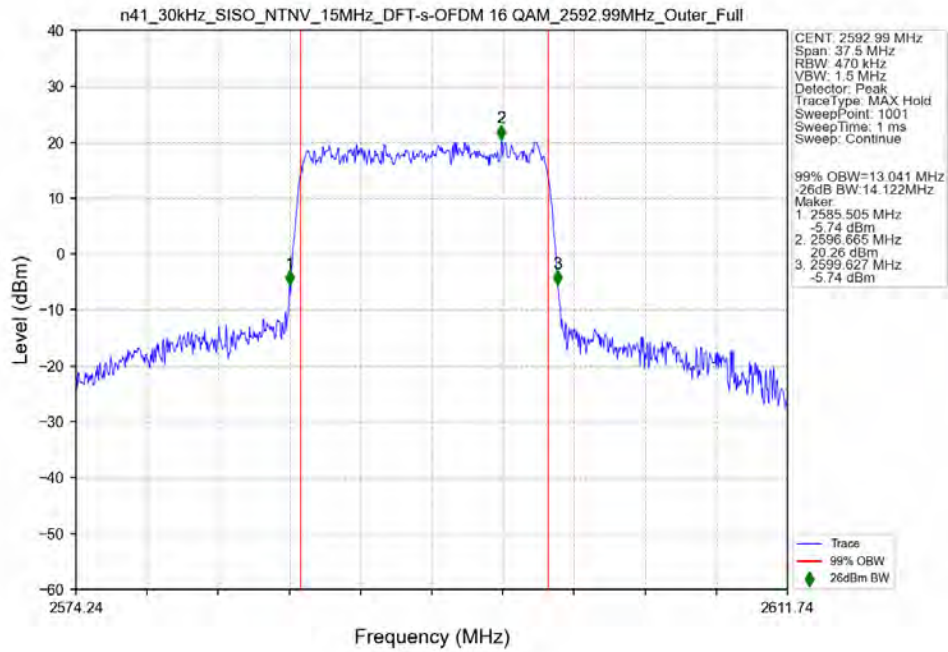




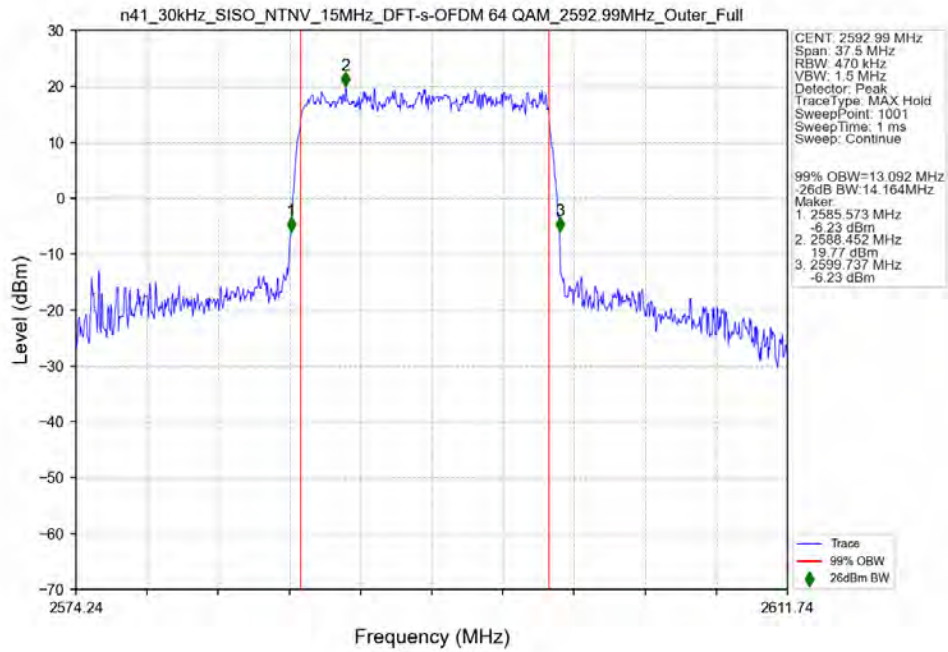
3.2.2 30k_SISO_15MHz_NTNV



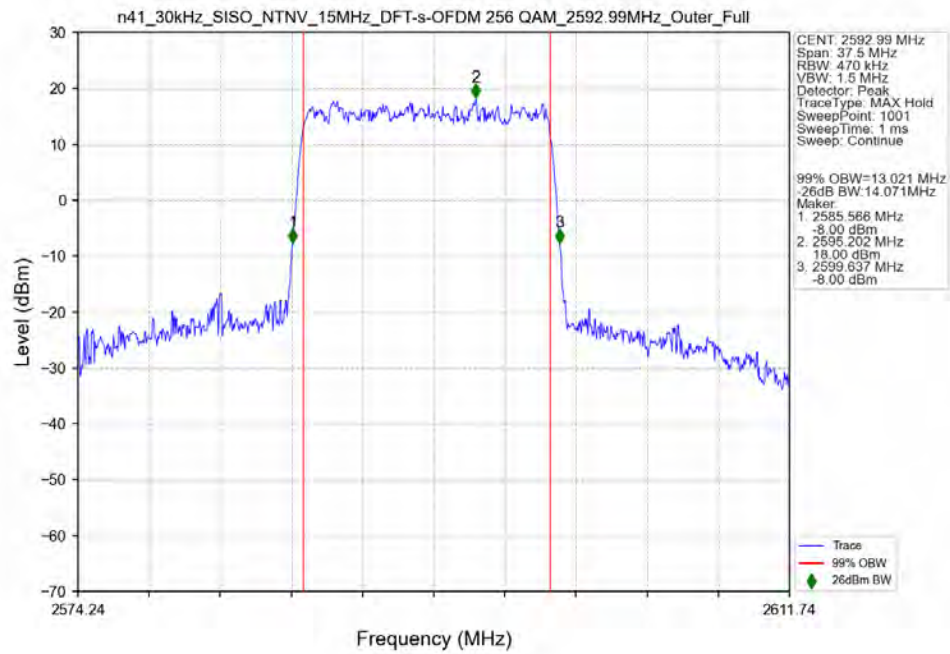
n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant6



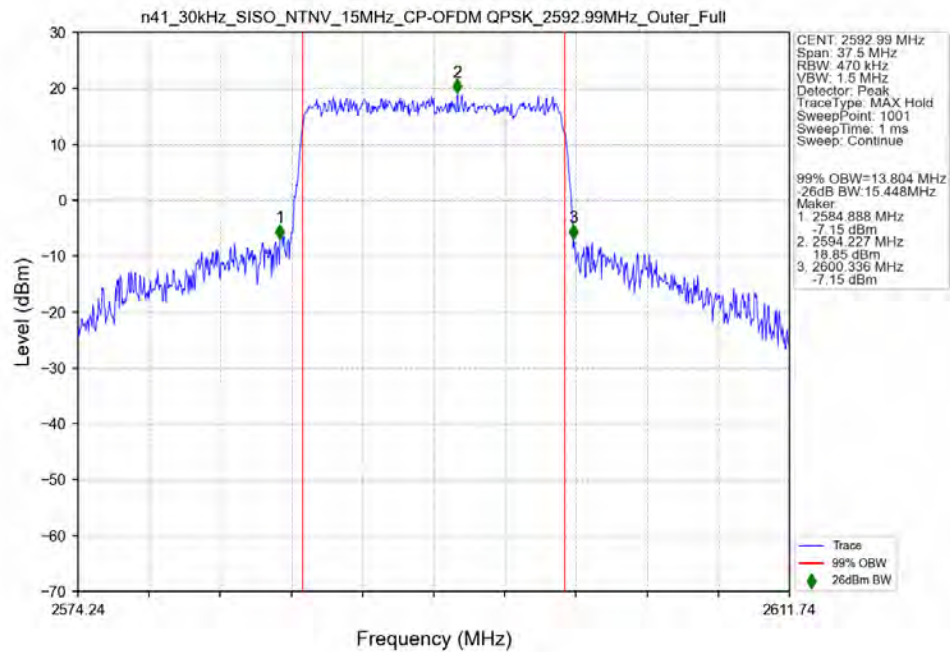
n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant6



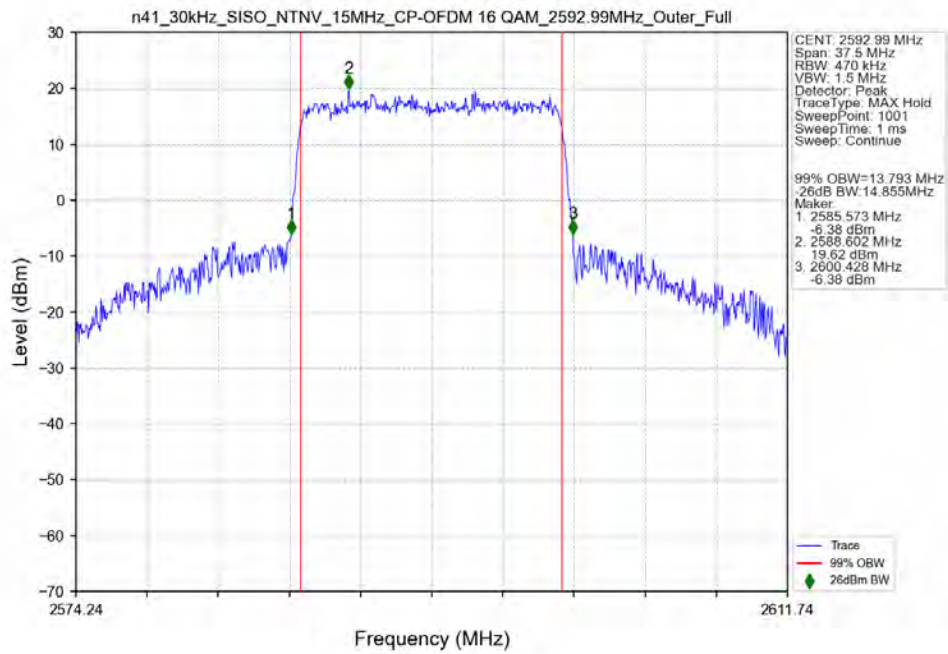
n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



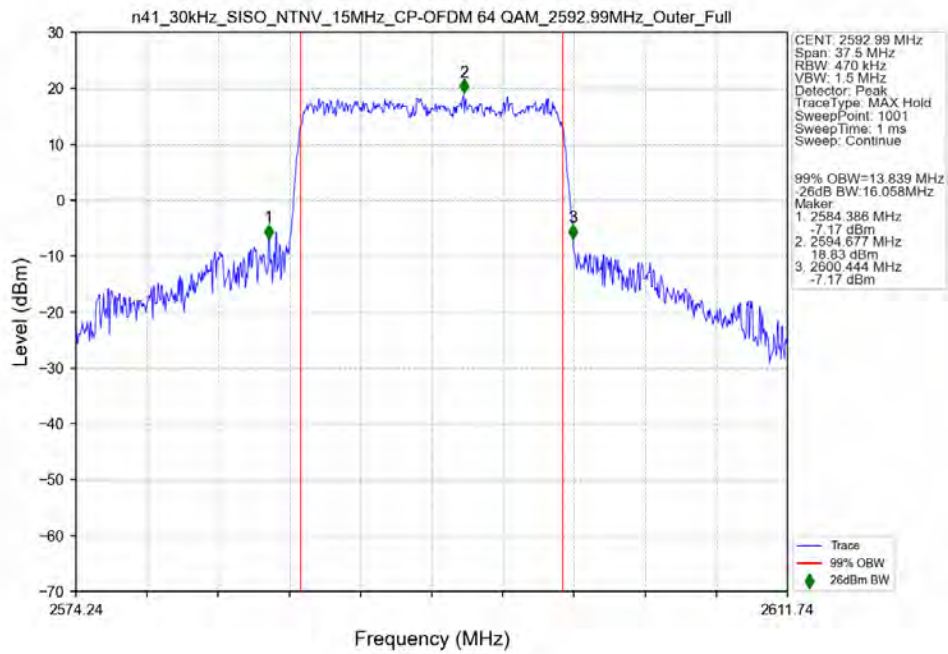
n41_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6



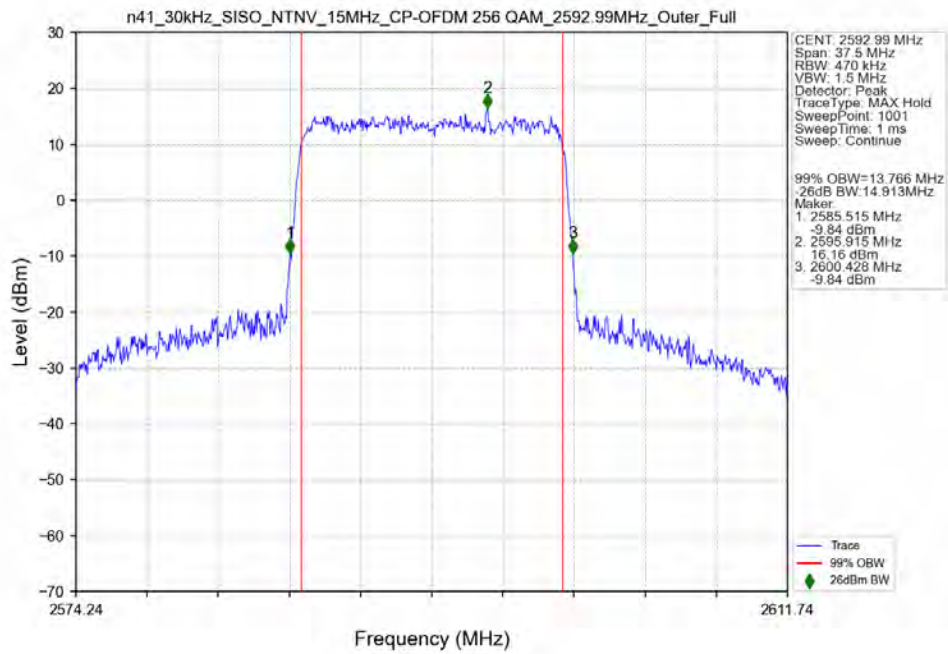
n41_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6



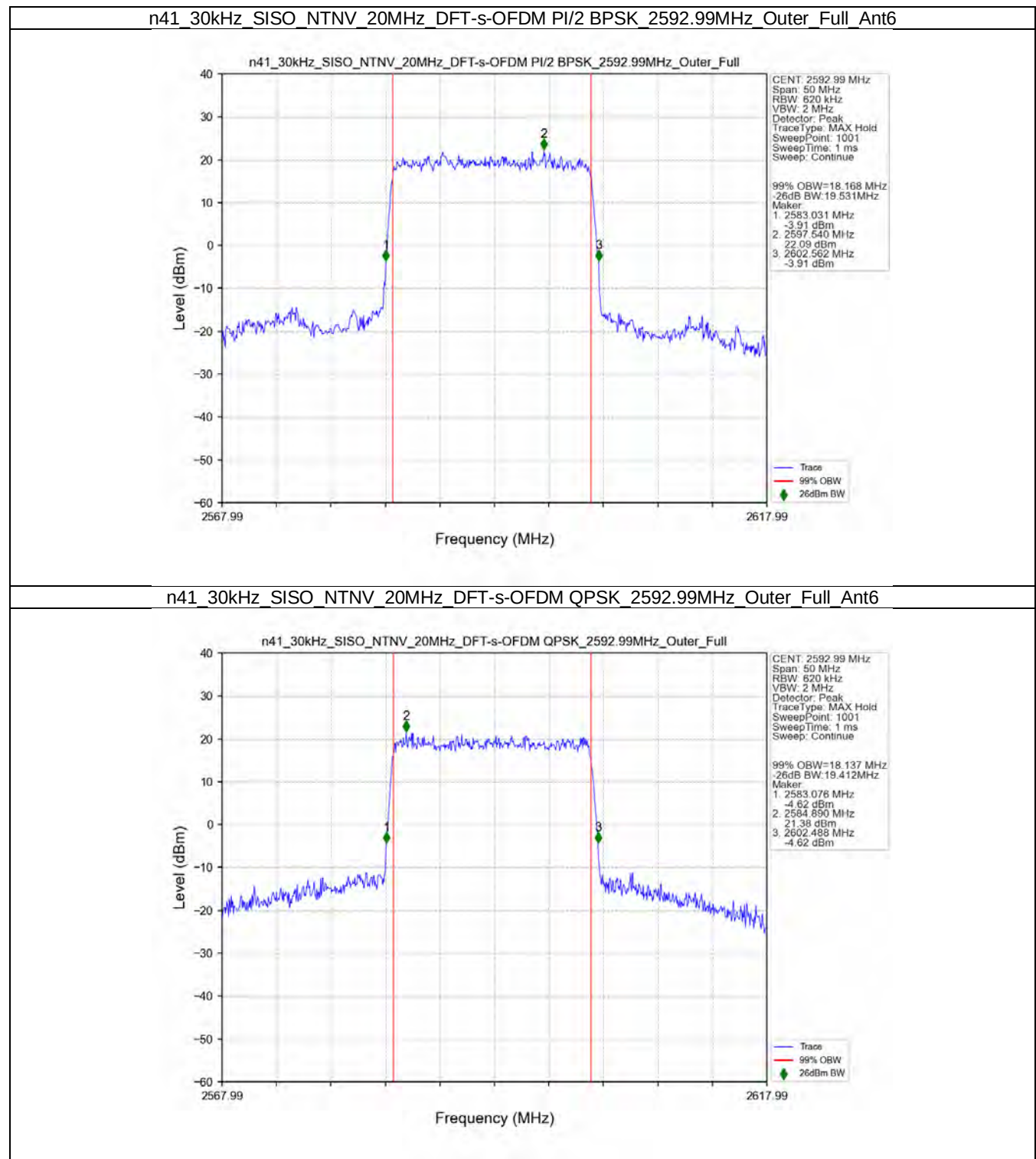
n41_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6



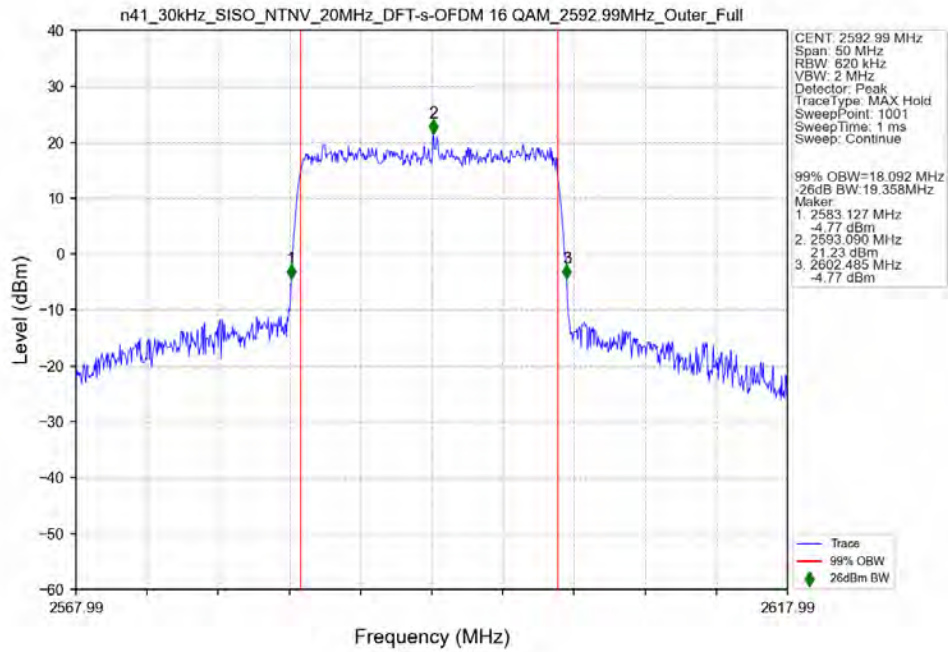
n41_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



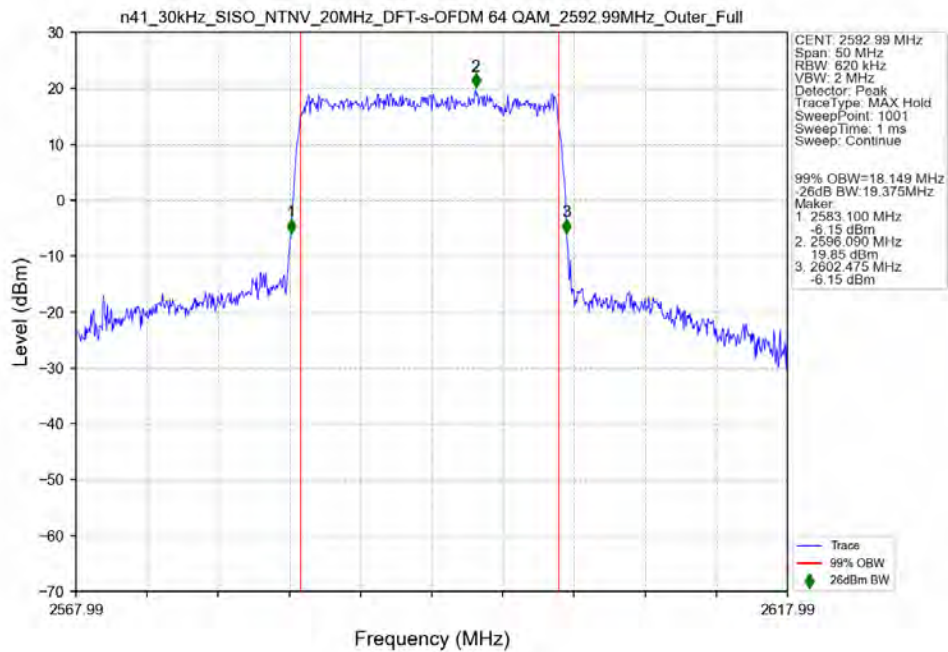
3.2.3 30k_SISO_20MHz_NTNV



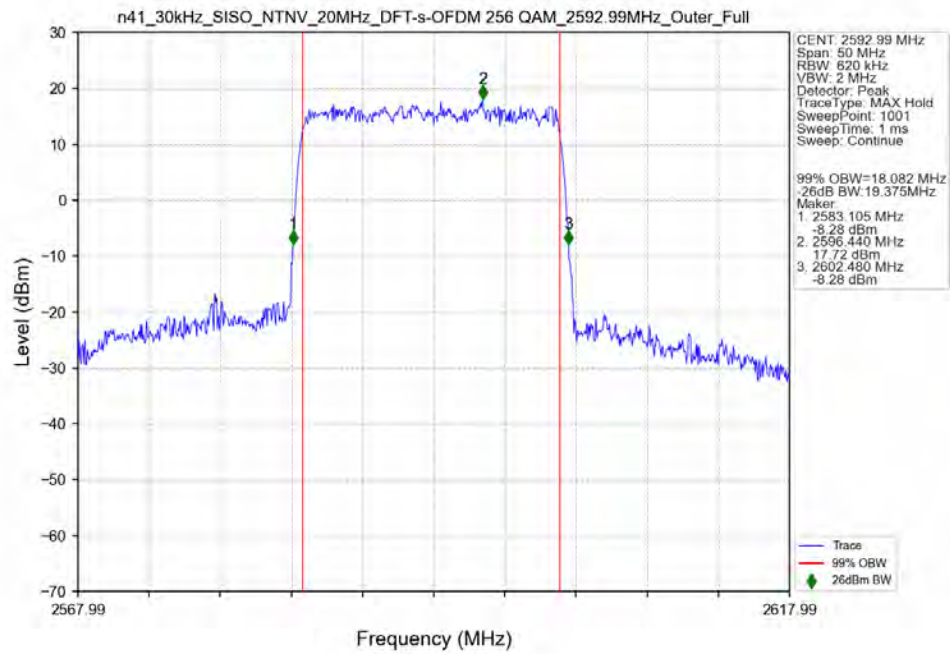
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant6



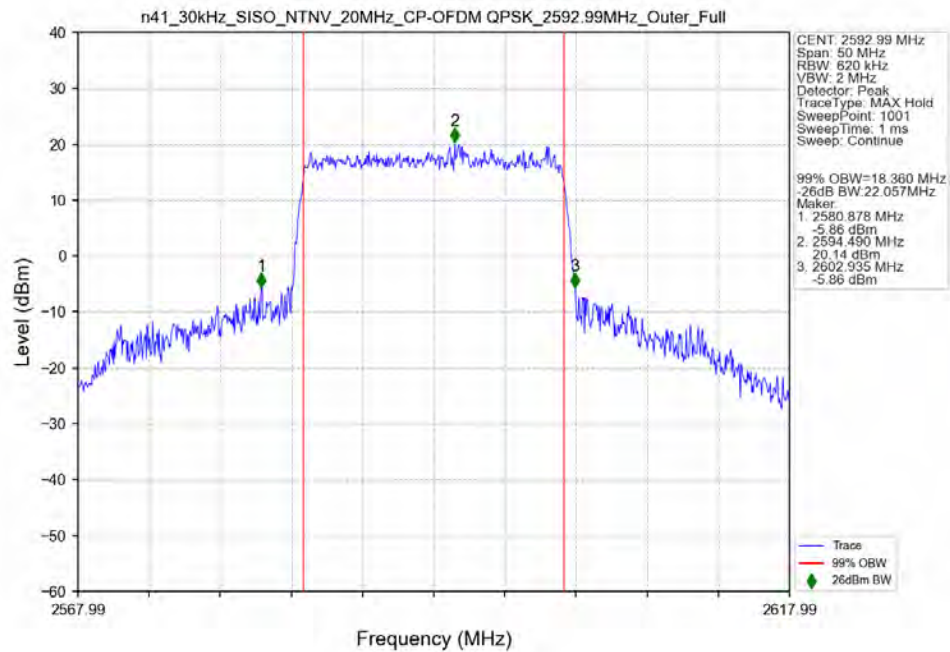
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant6



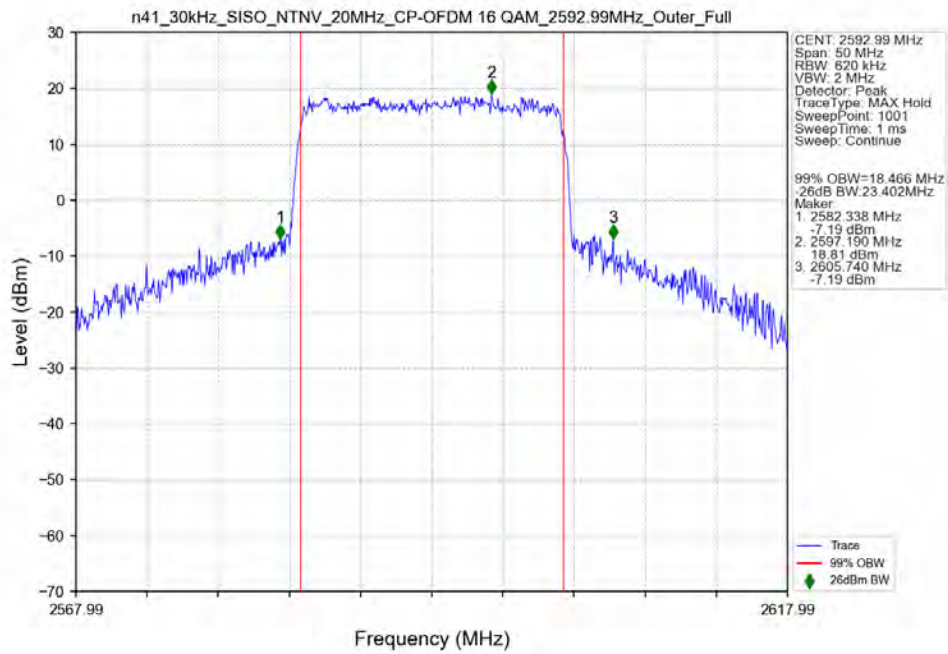
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



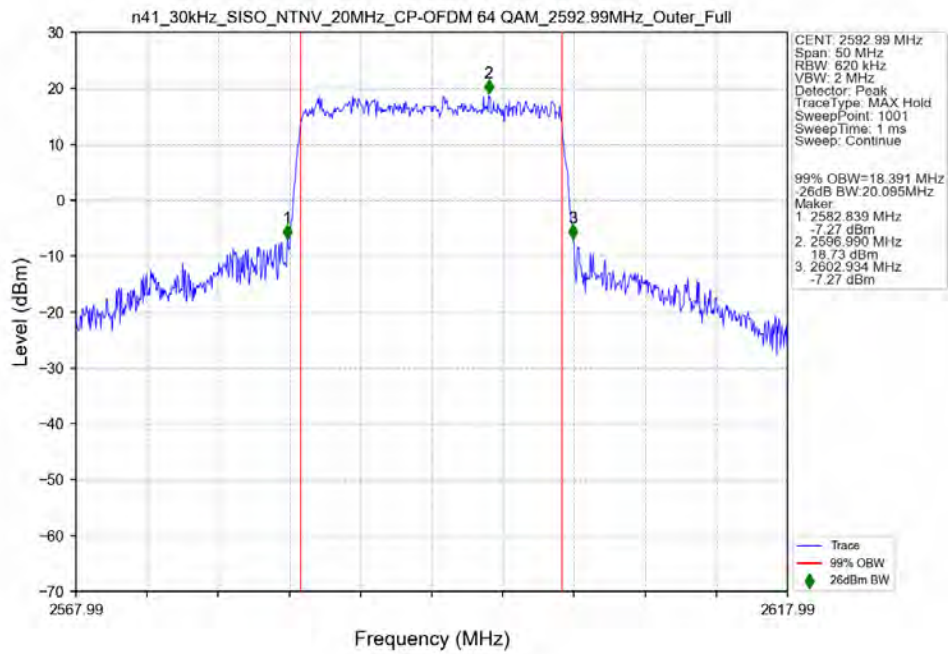
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6



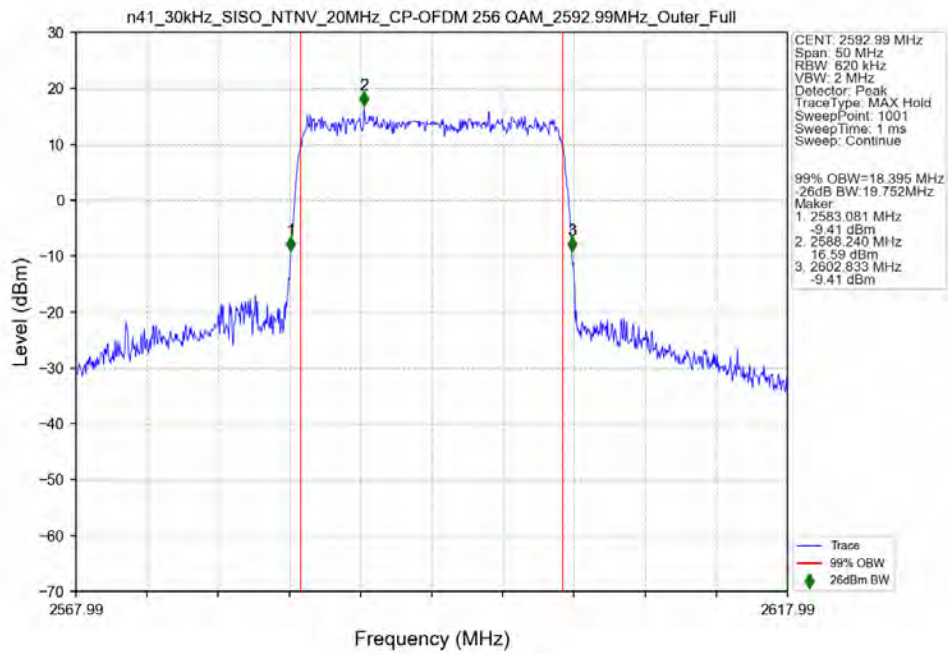
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6



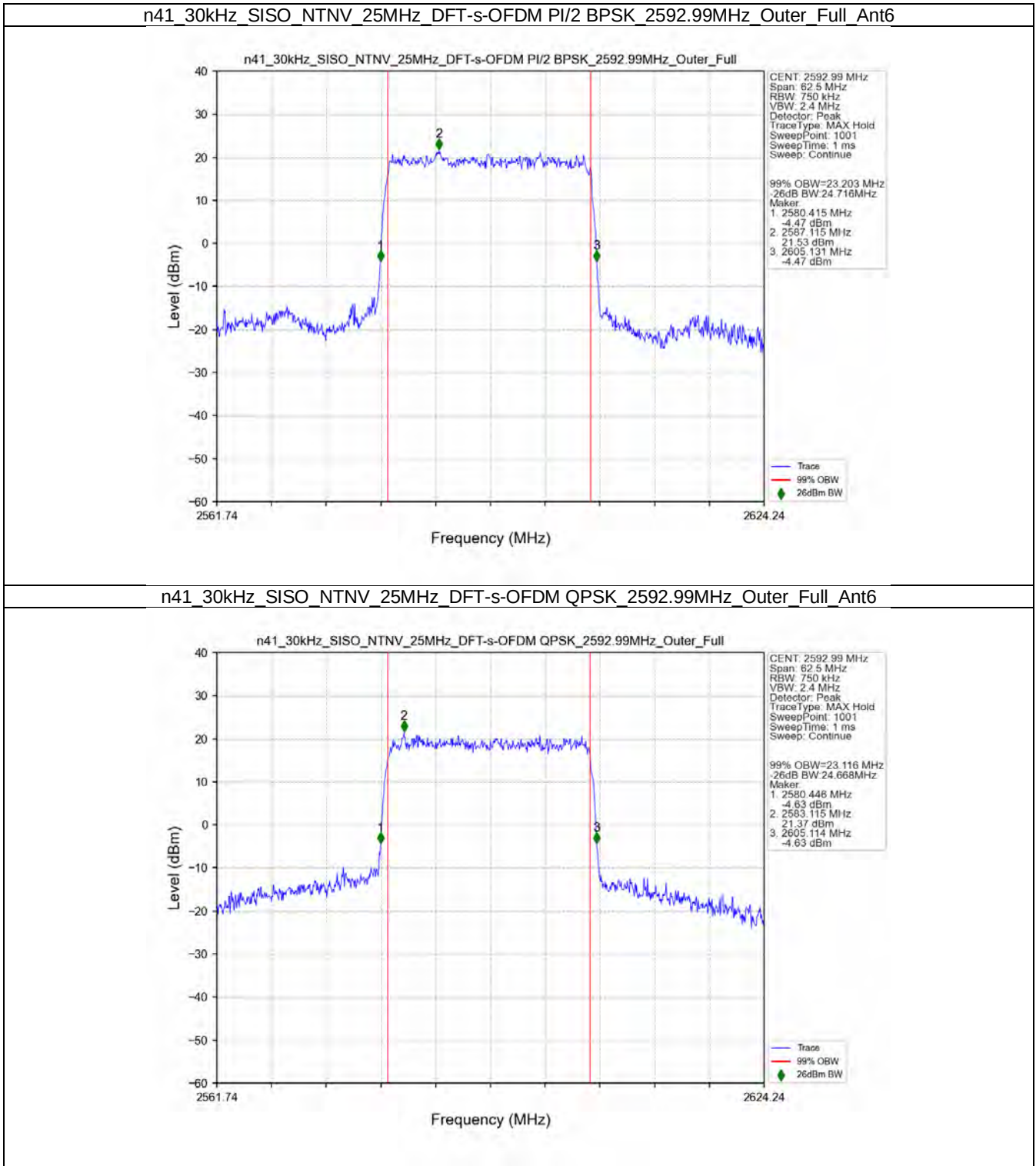
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6



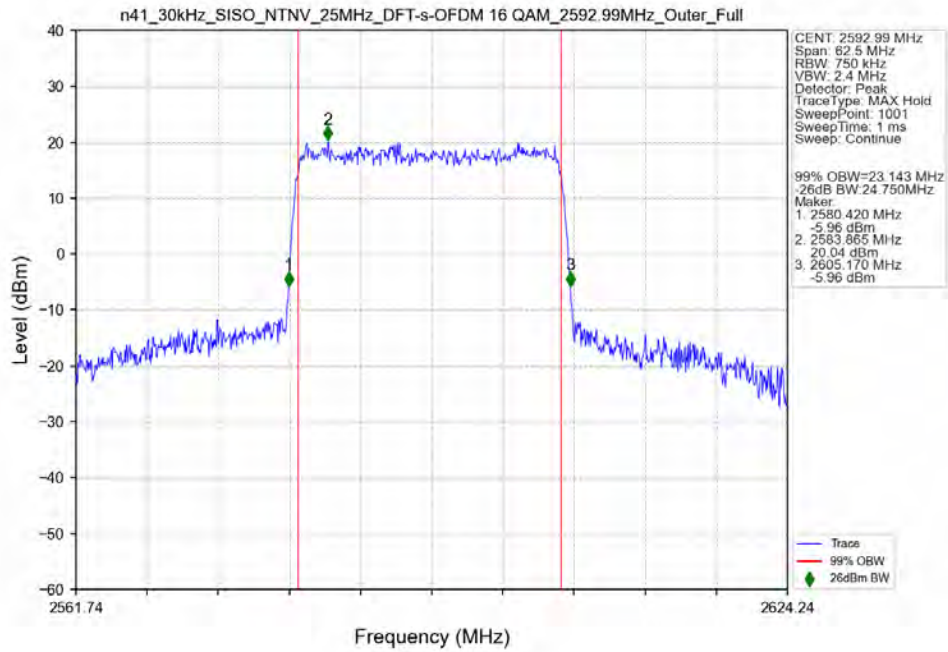
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



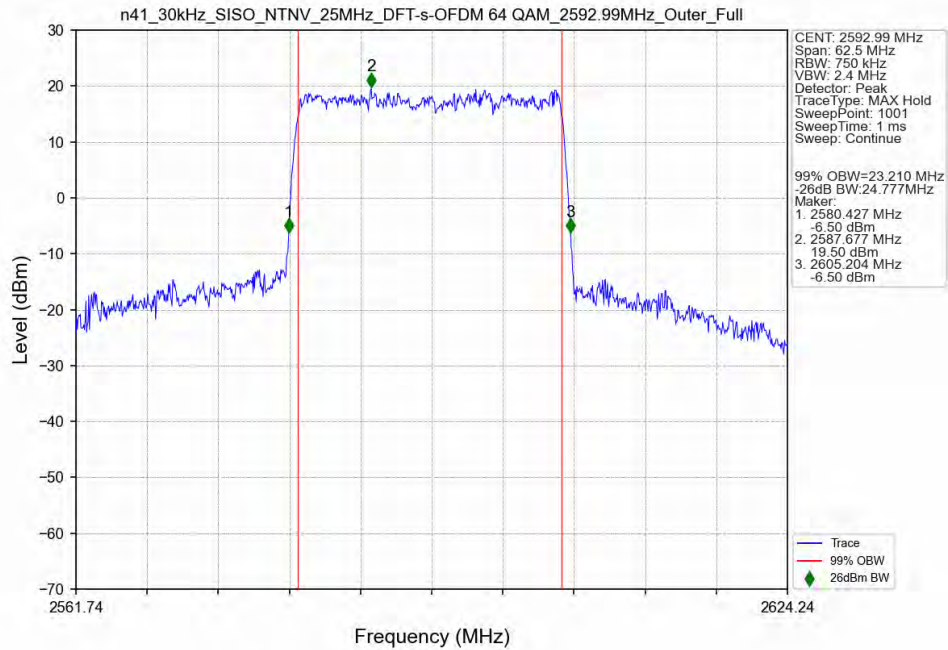
3.2.4 30k_SISO_25MHz_NTNV



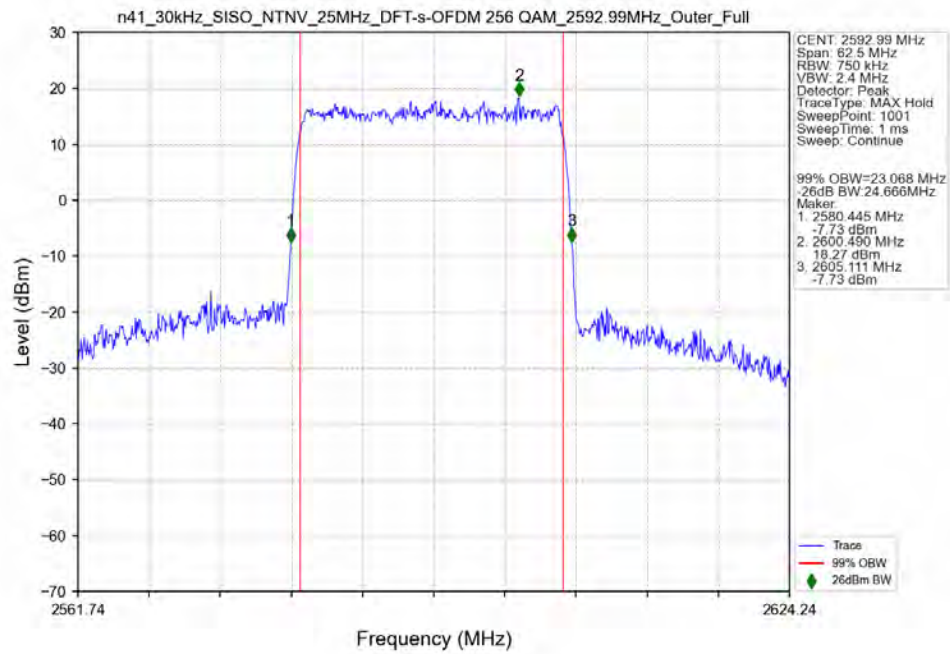
n41_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant6



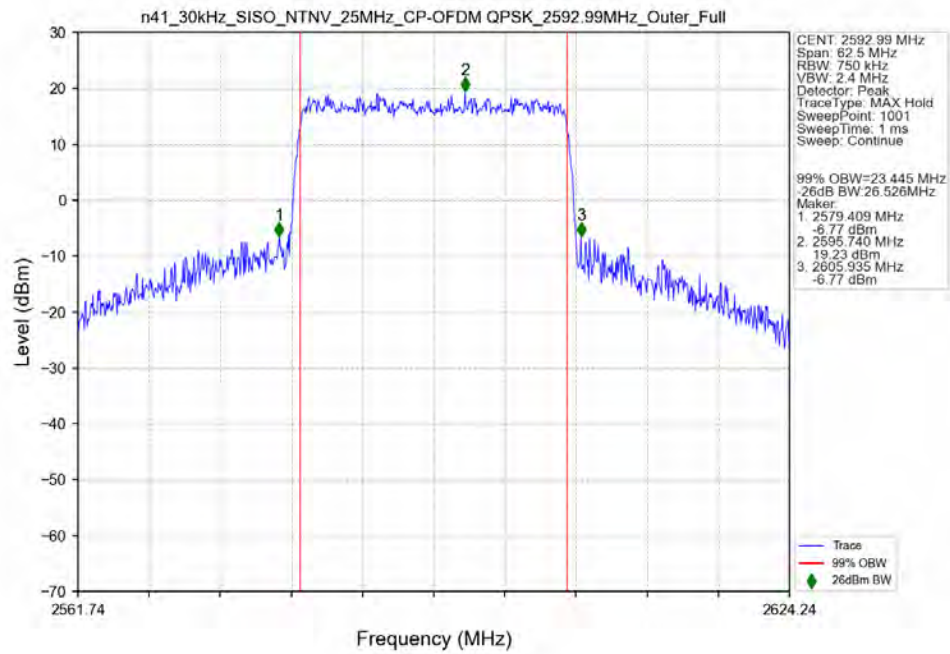
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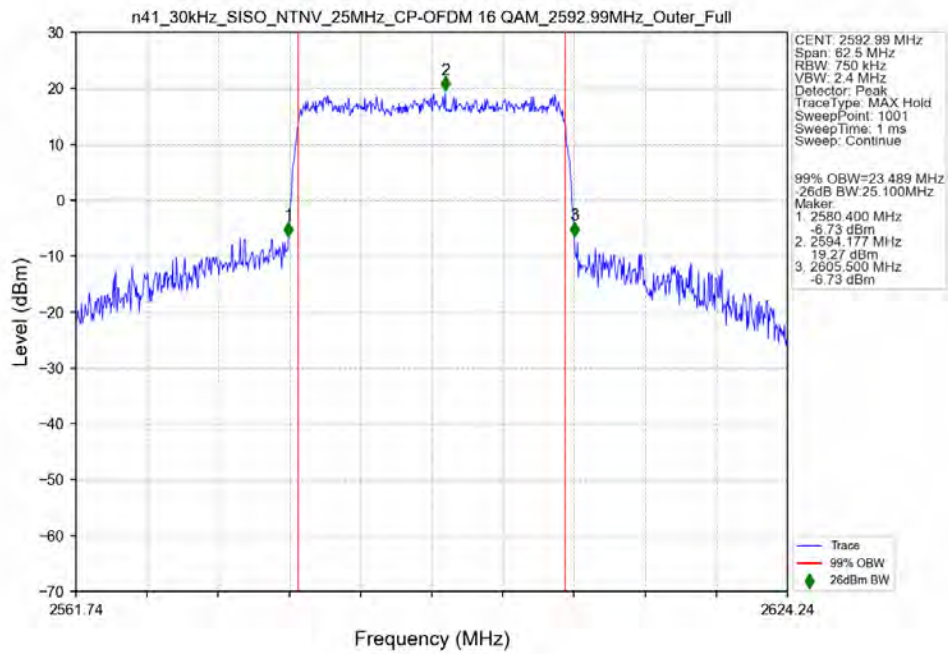
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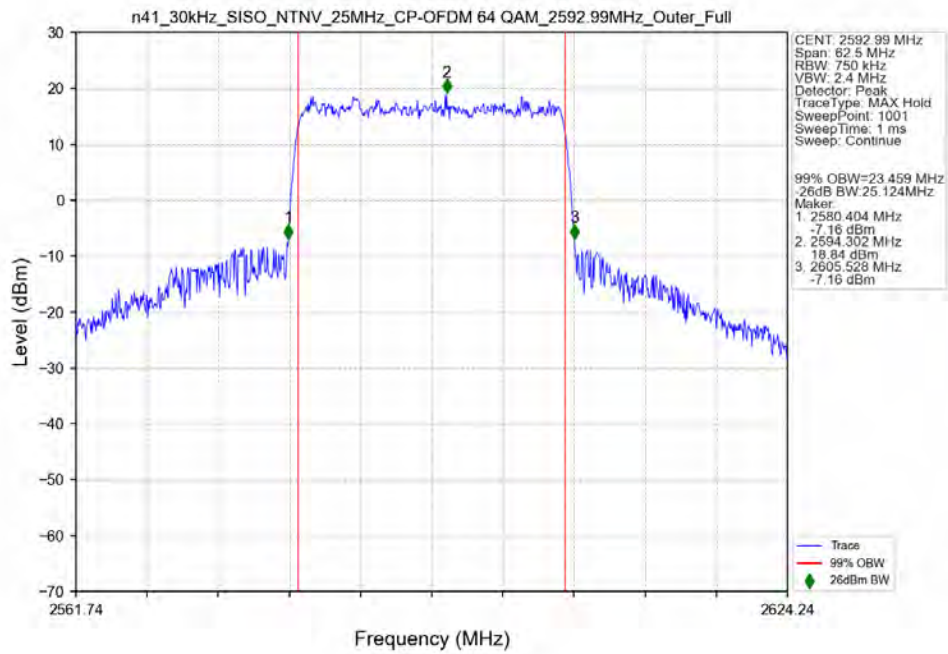
n41_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6

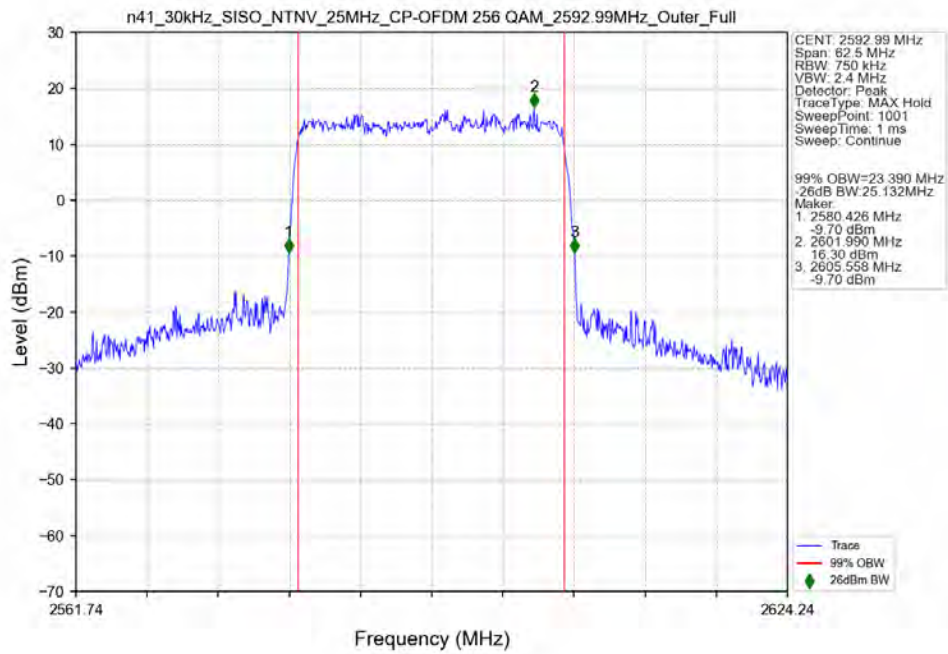


n41_30kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6

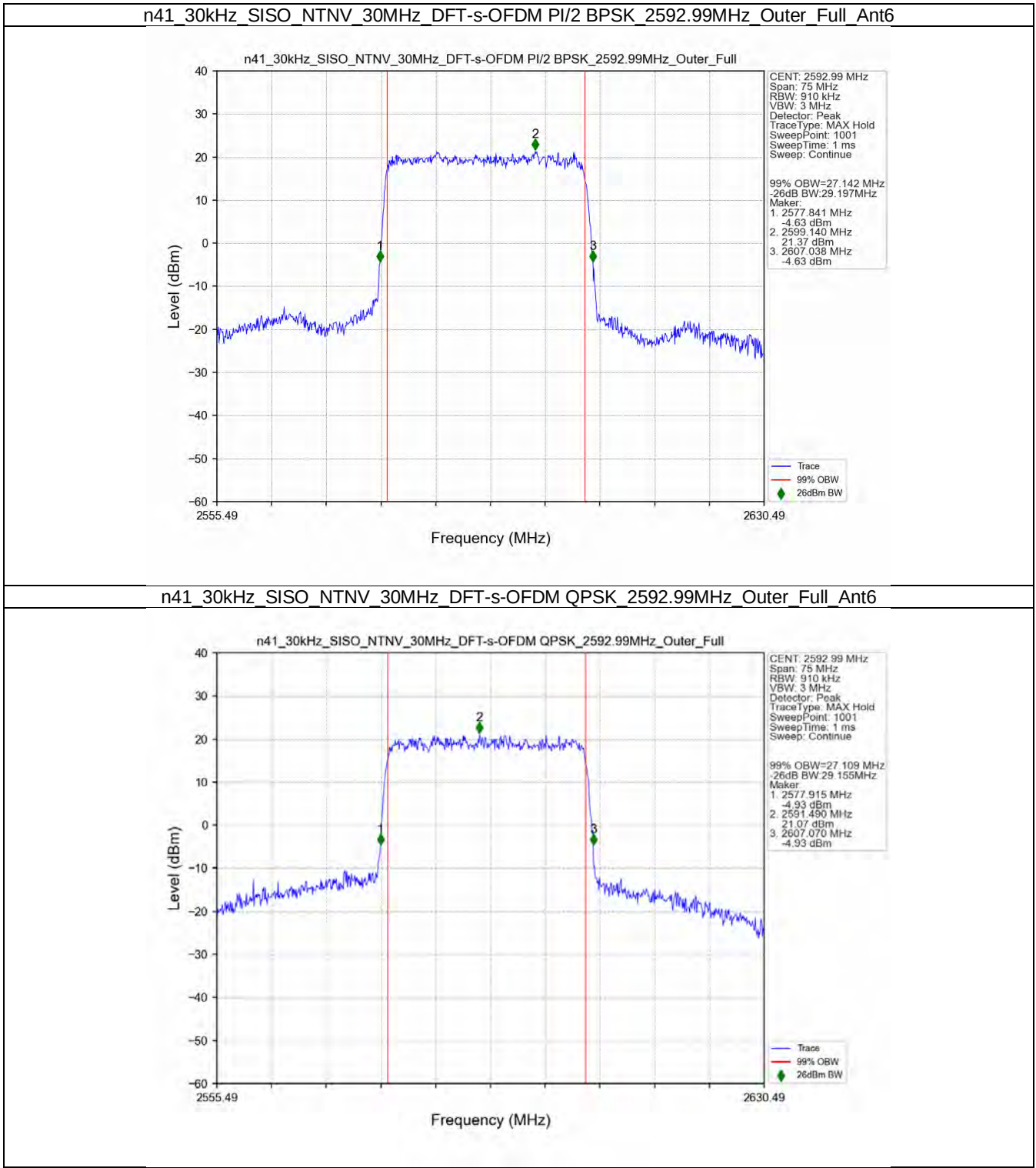


n41_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6

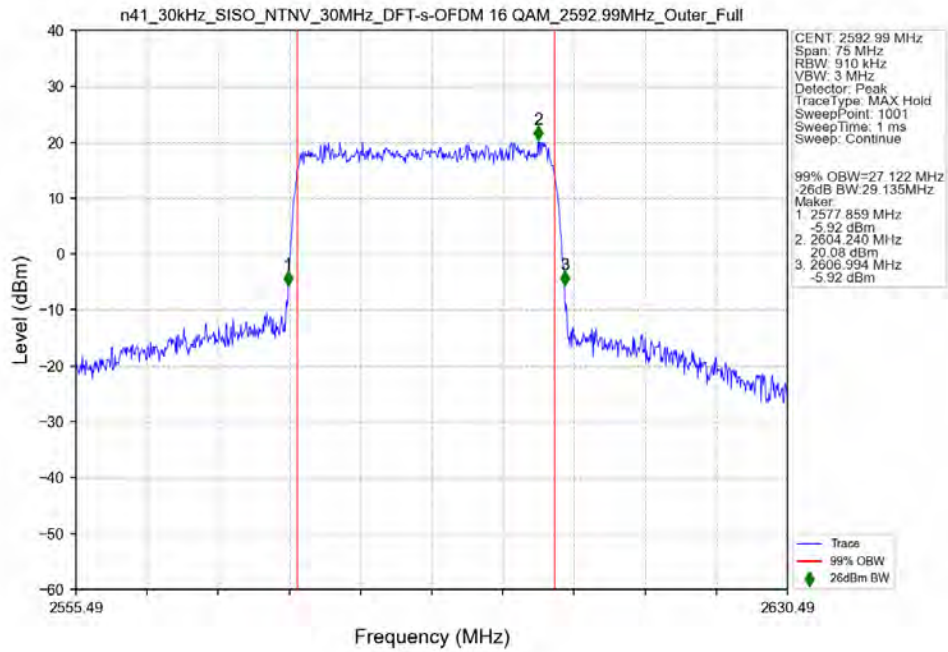




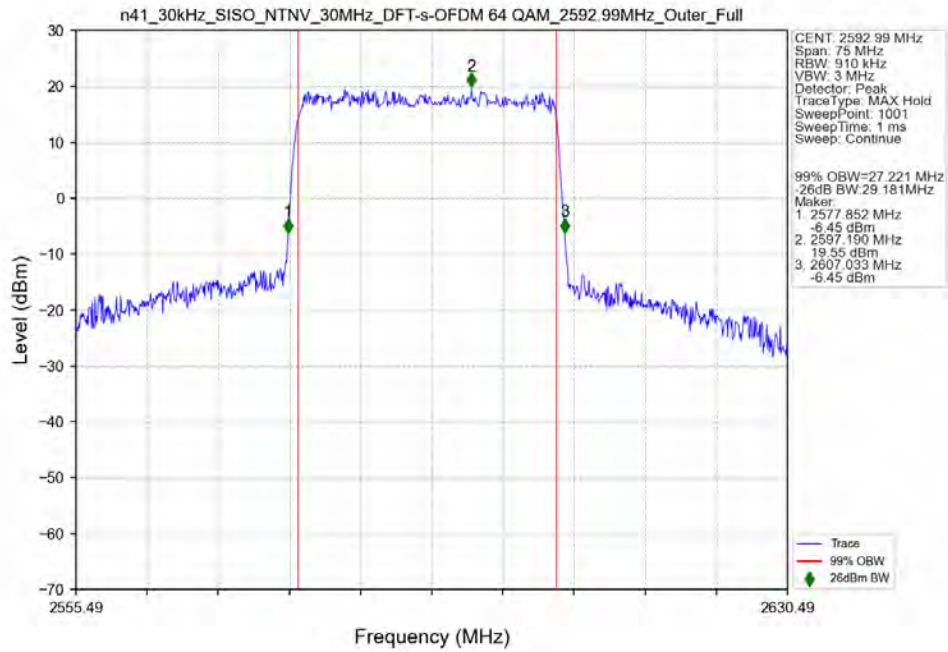
3.2.5 30k_SISO_30MHz_NTNV



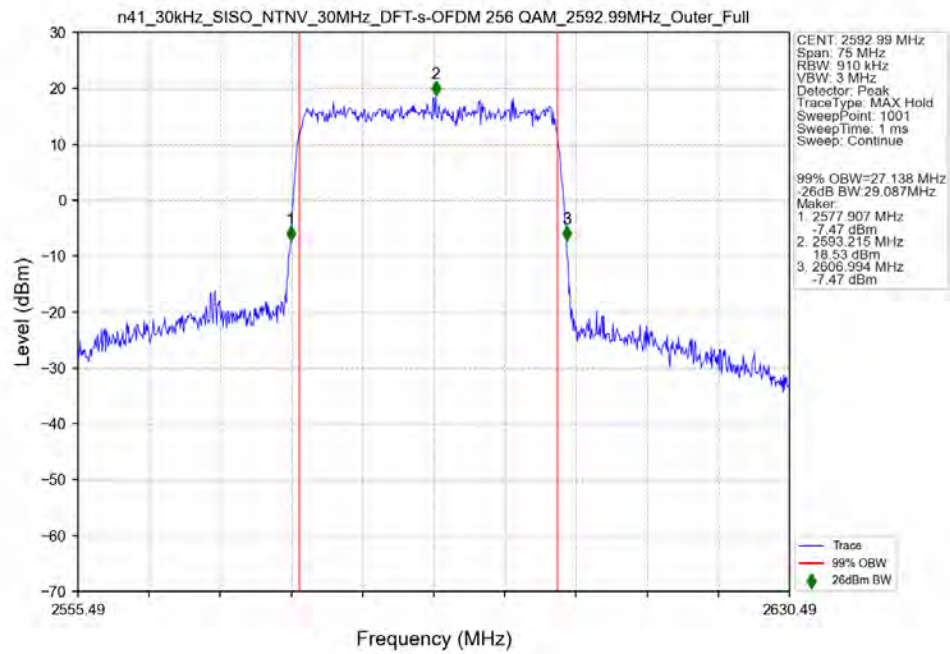
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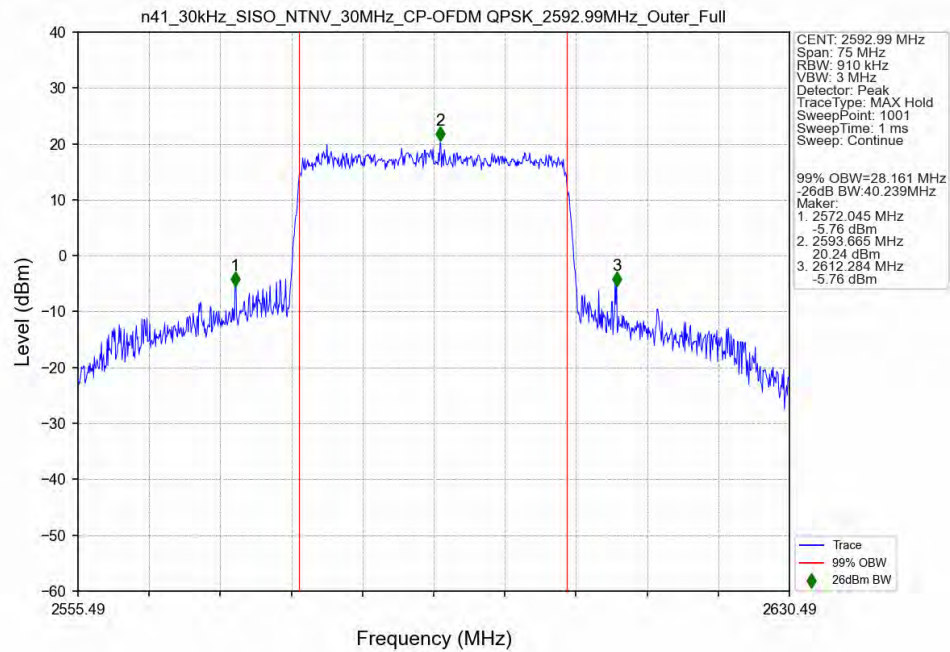
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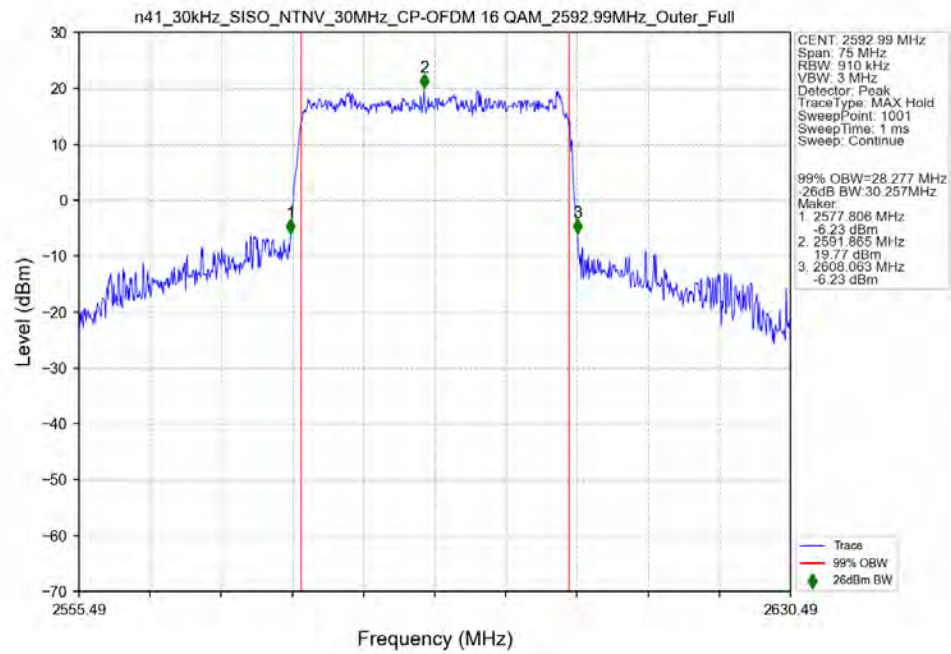
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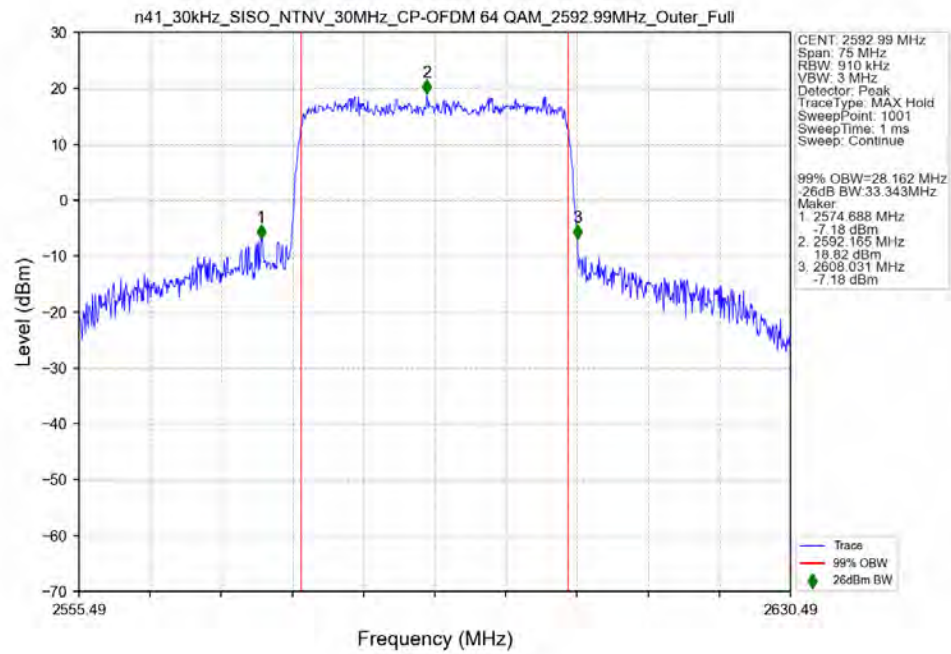
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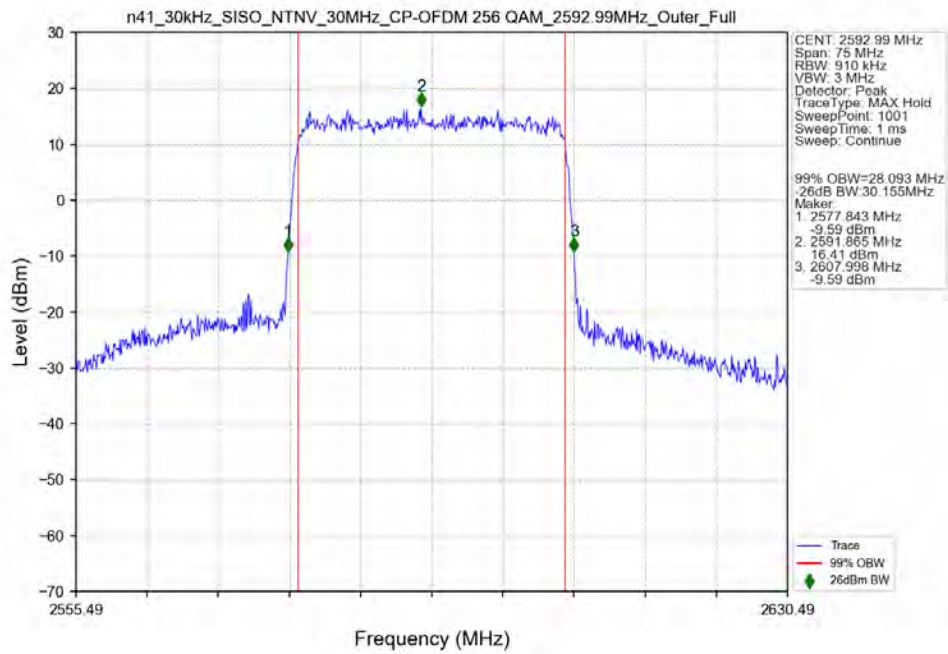


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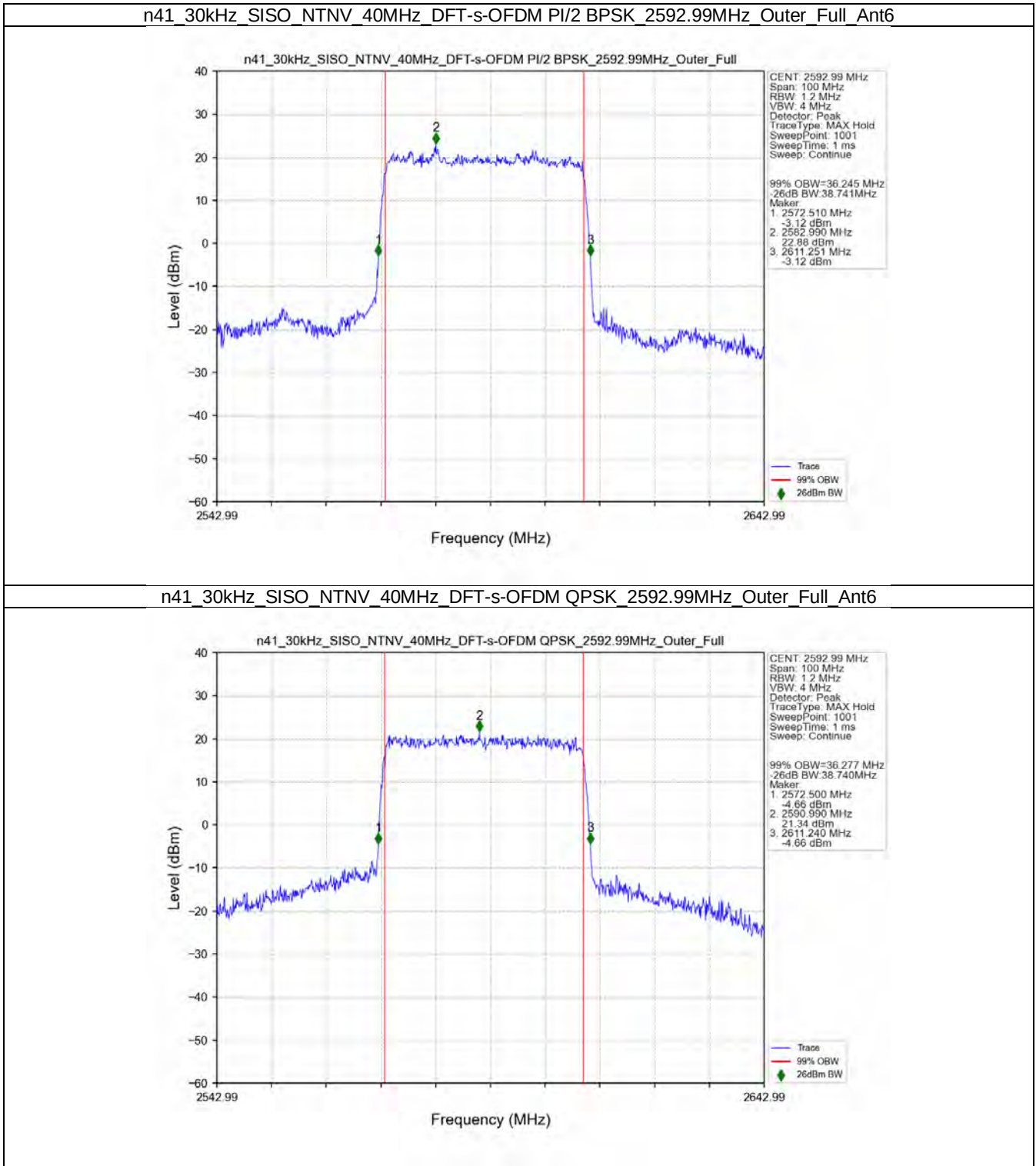


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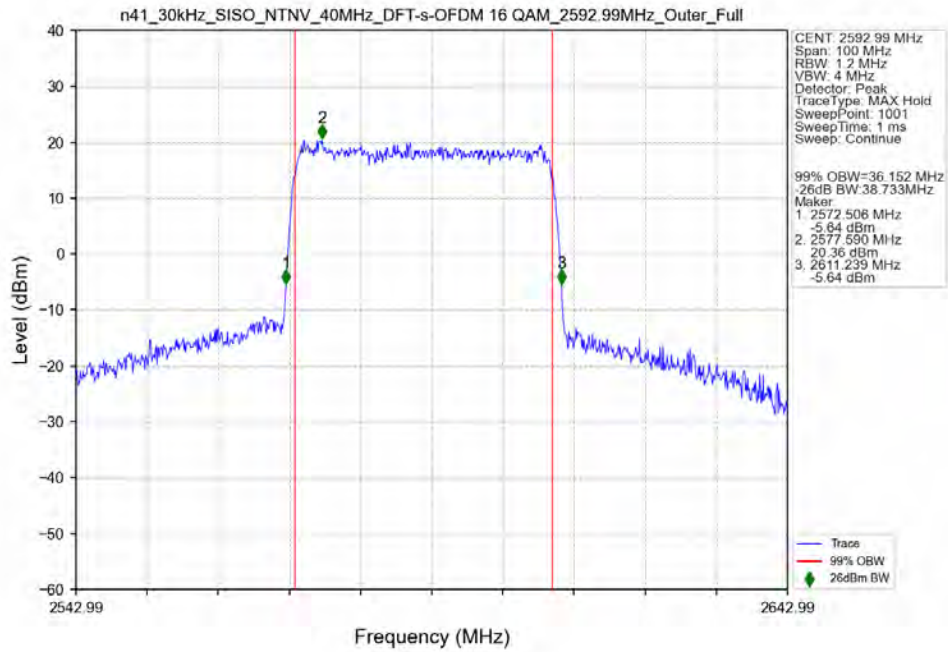




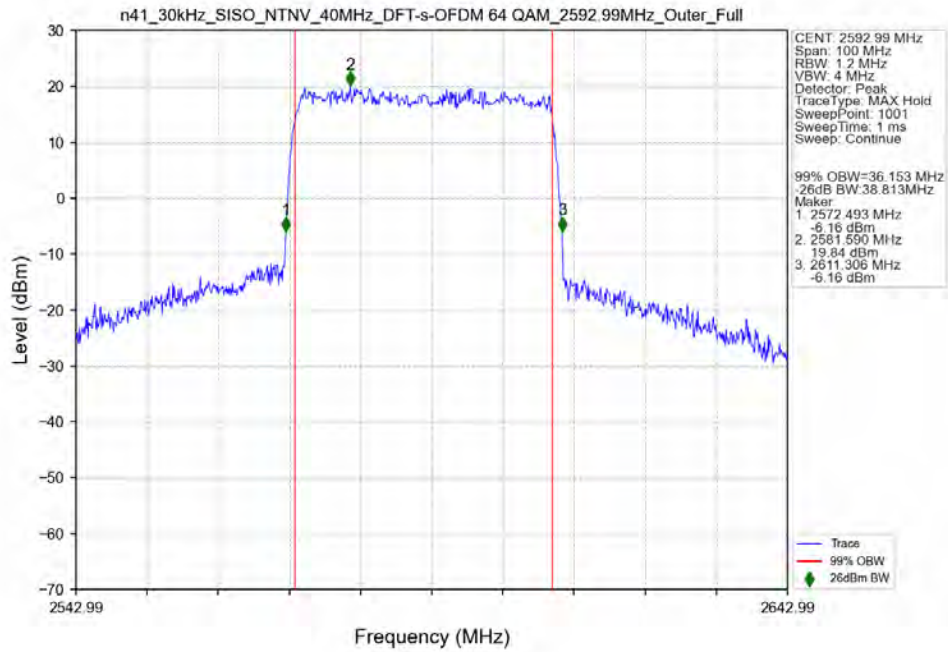
3.2.6 30k_SISO_40MHz_NTNV



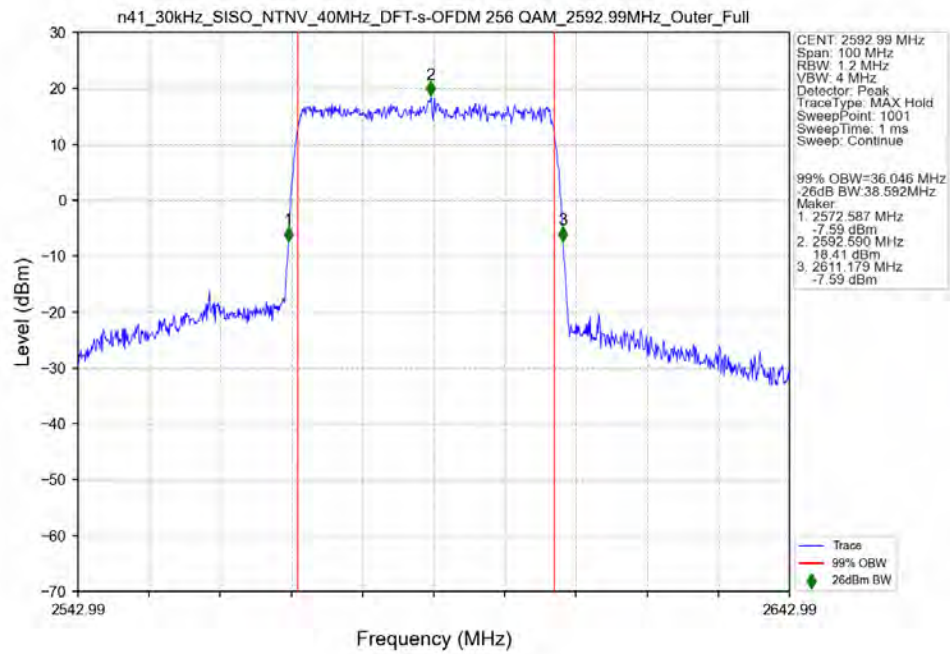
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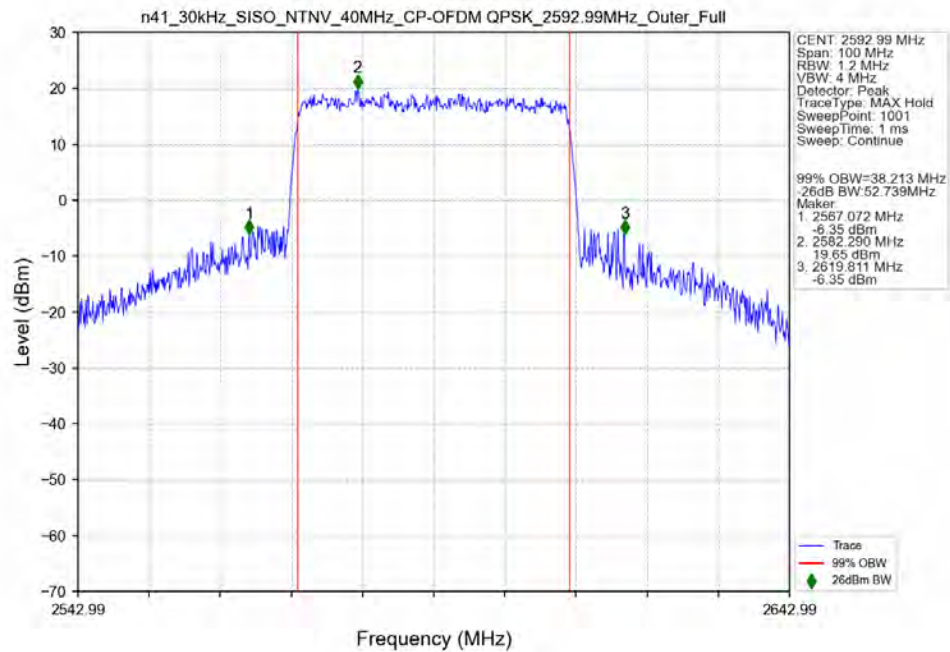
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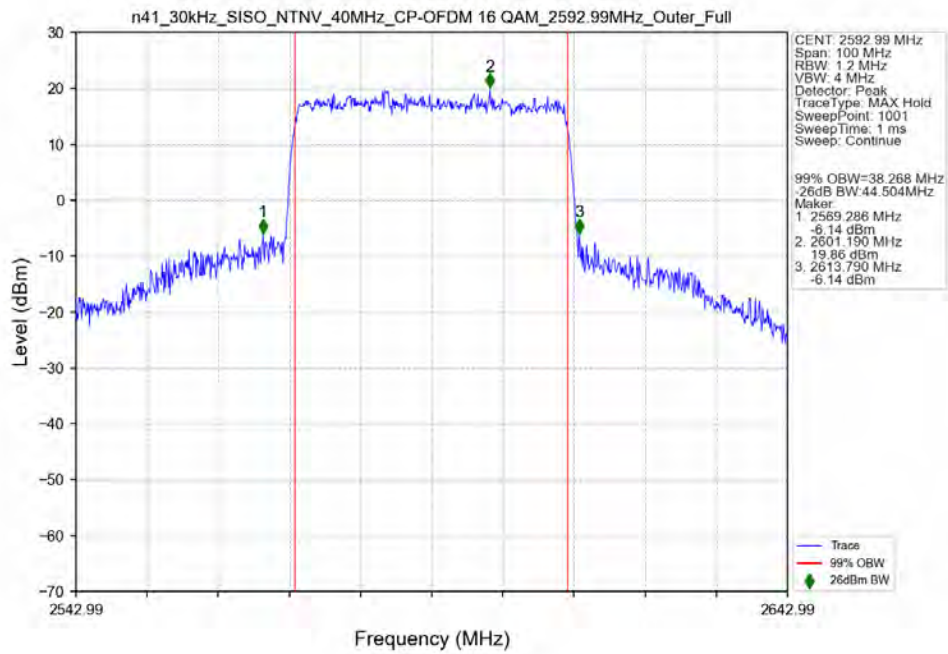
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



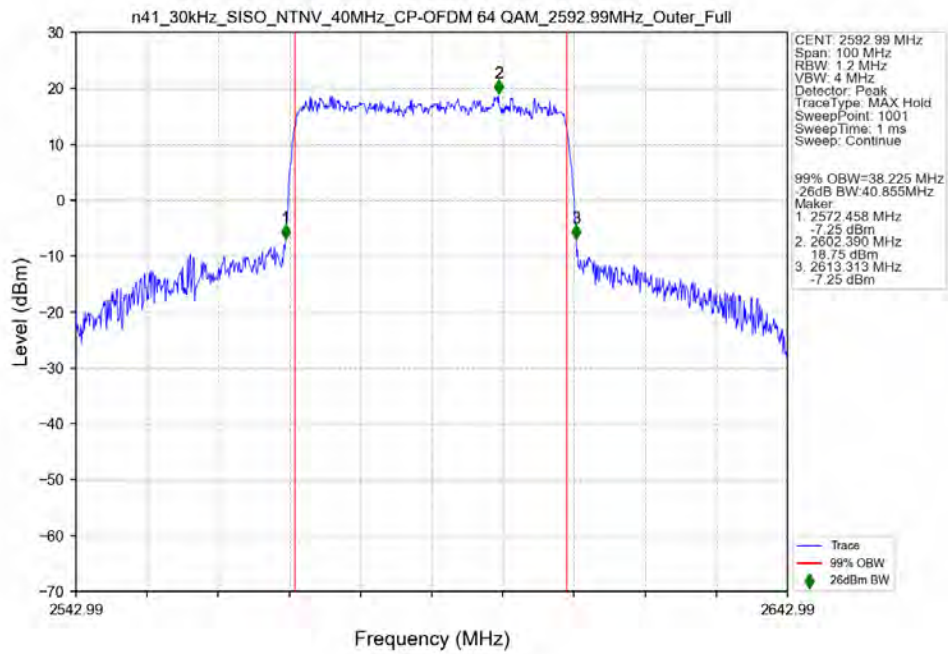
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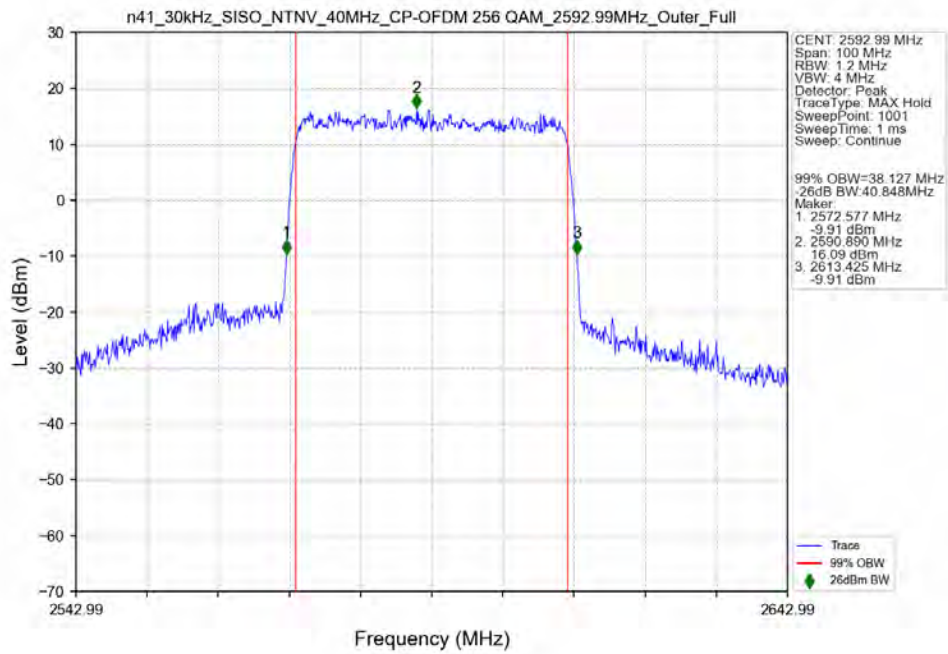


n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6

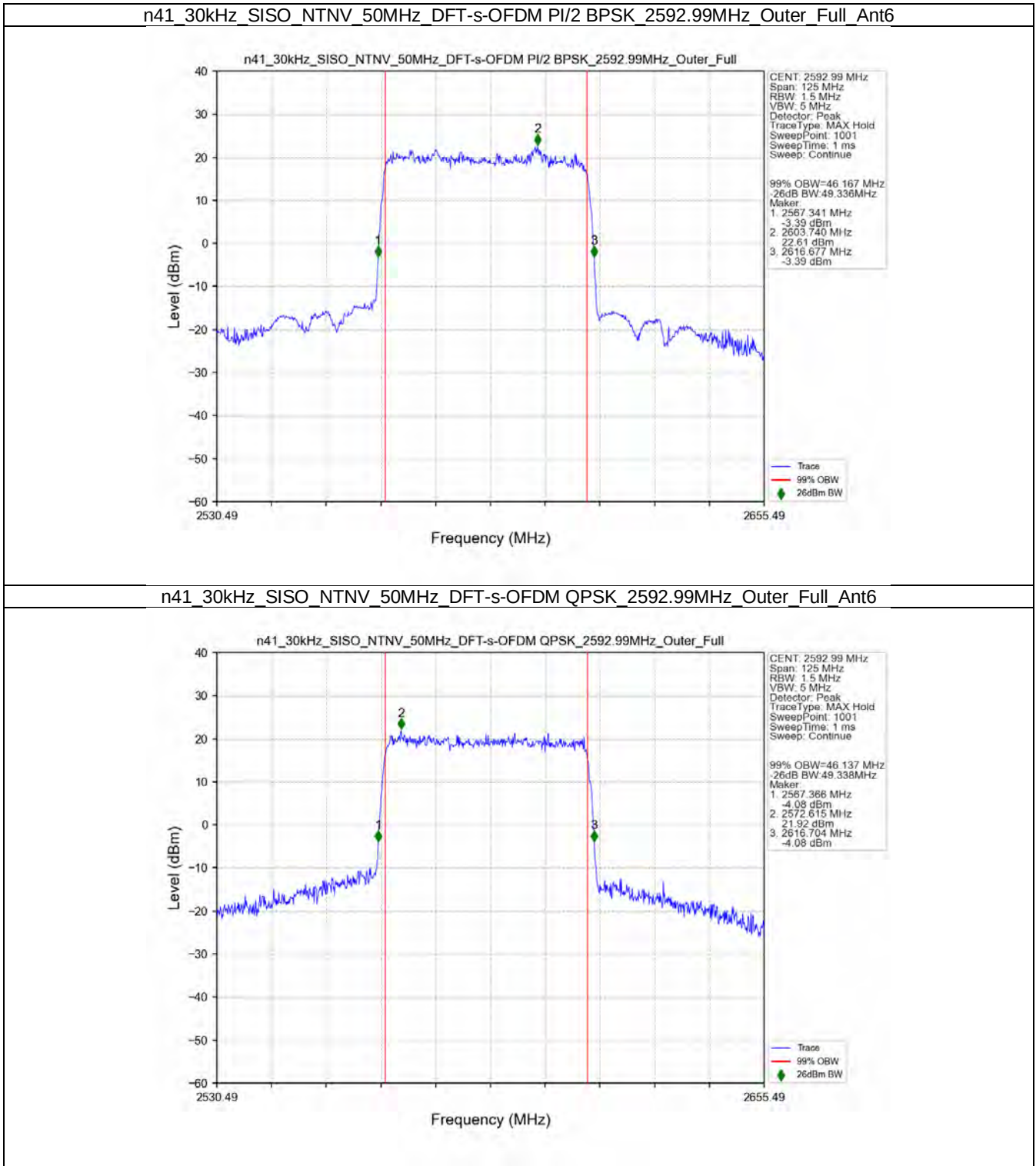


n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6

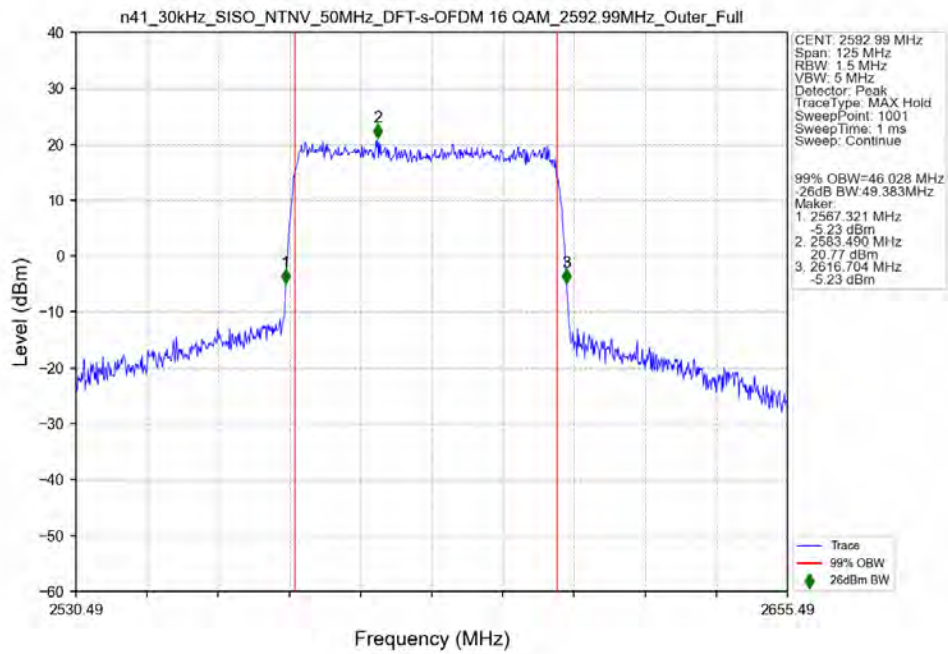




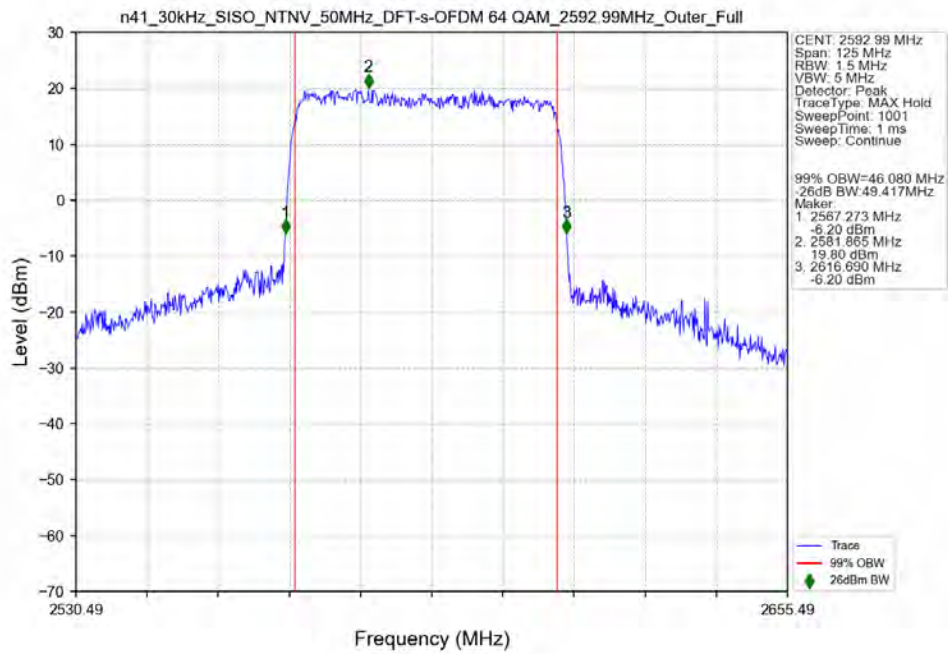
3.2.7 30k_SISO_50MHz_NTNV



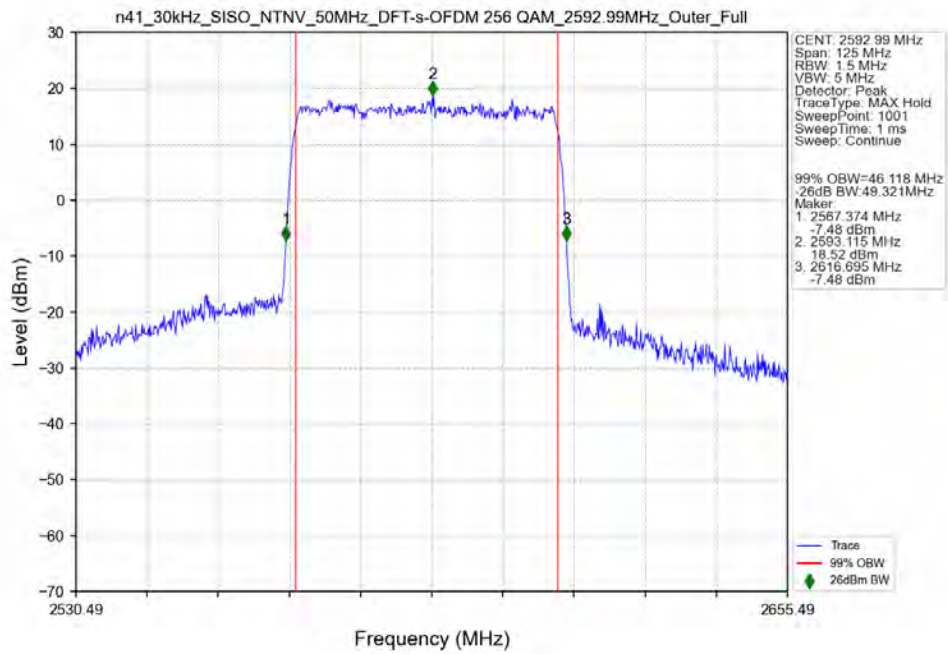
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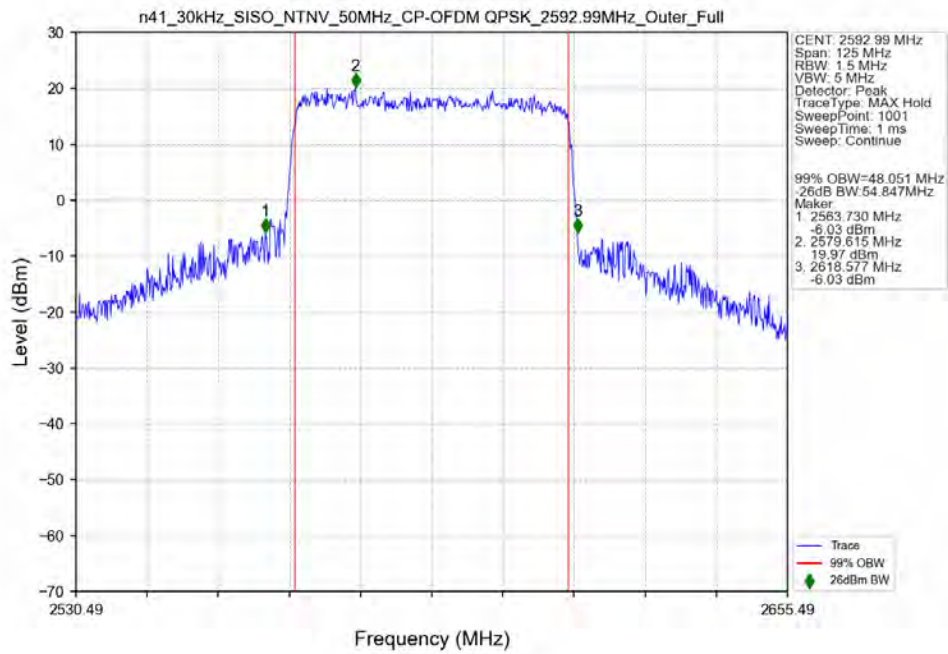
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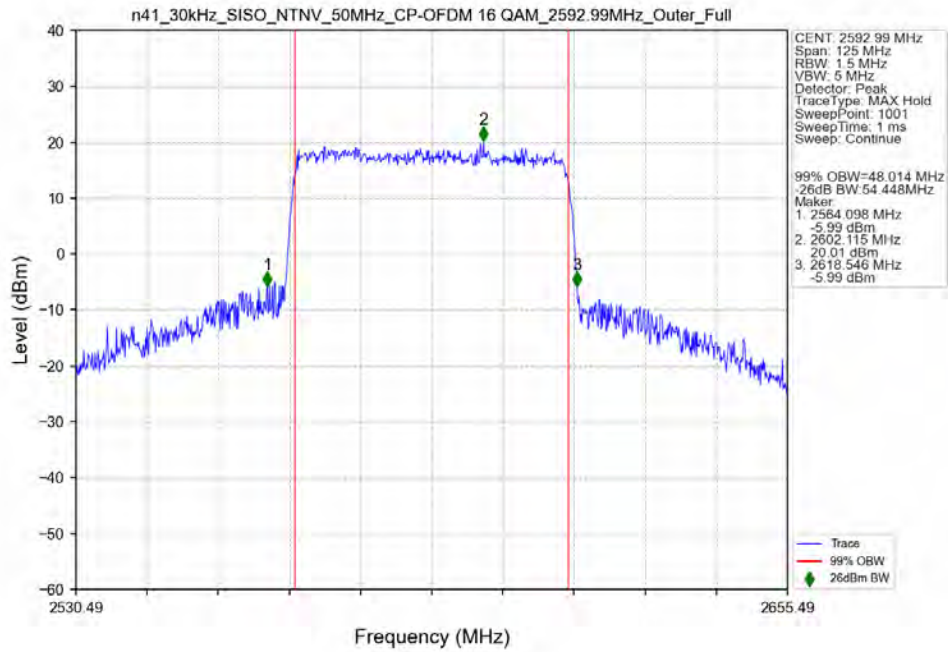
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



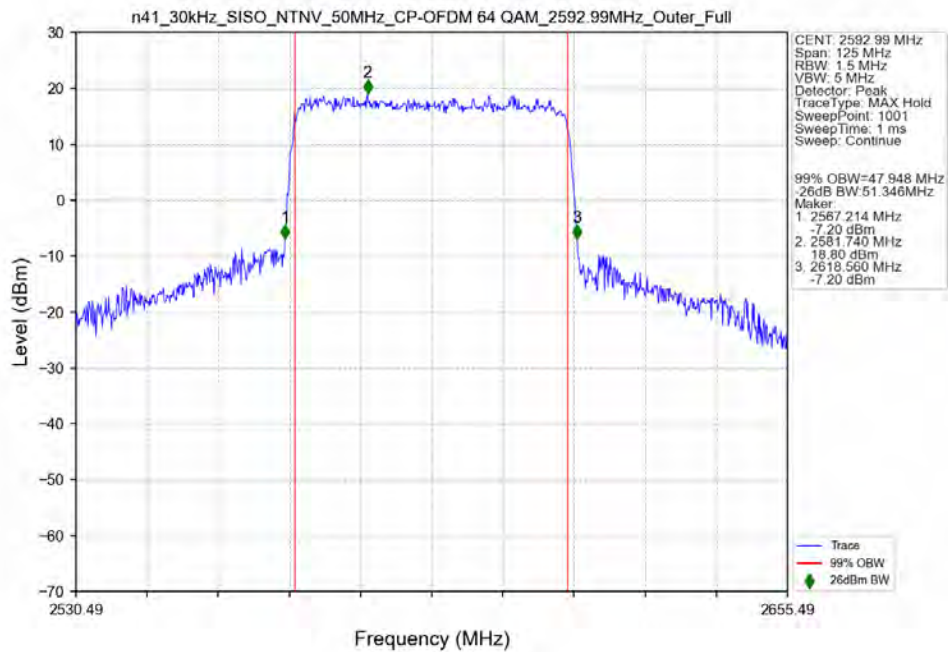
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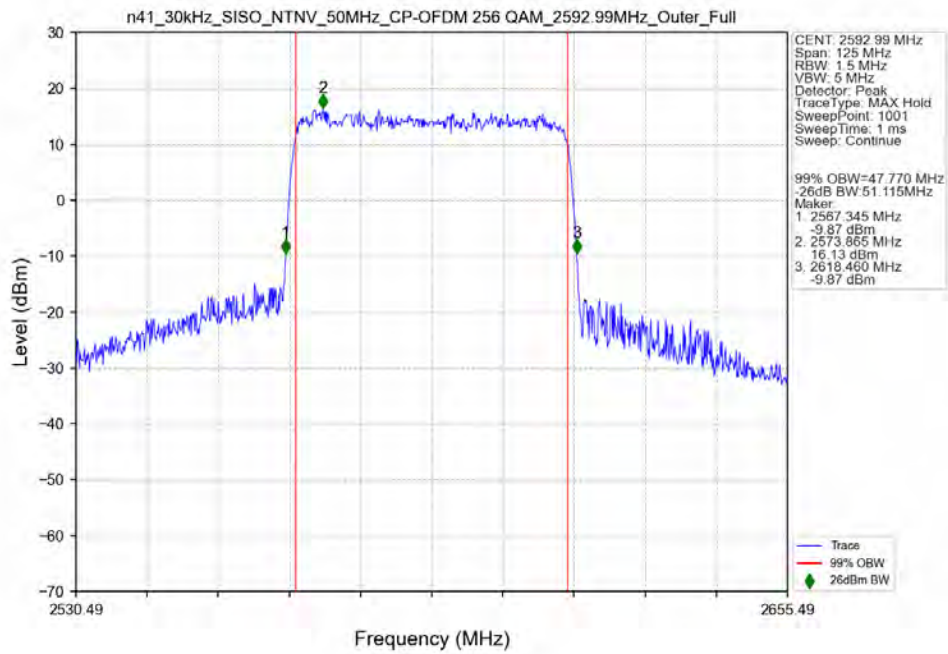
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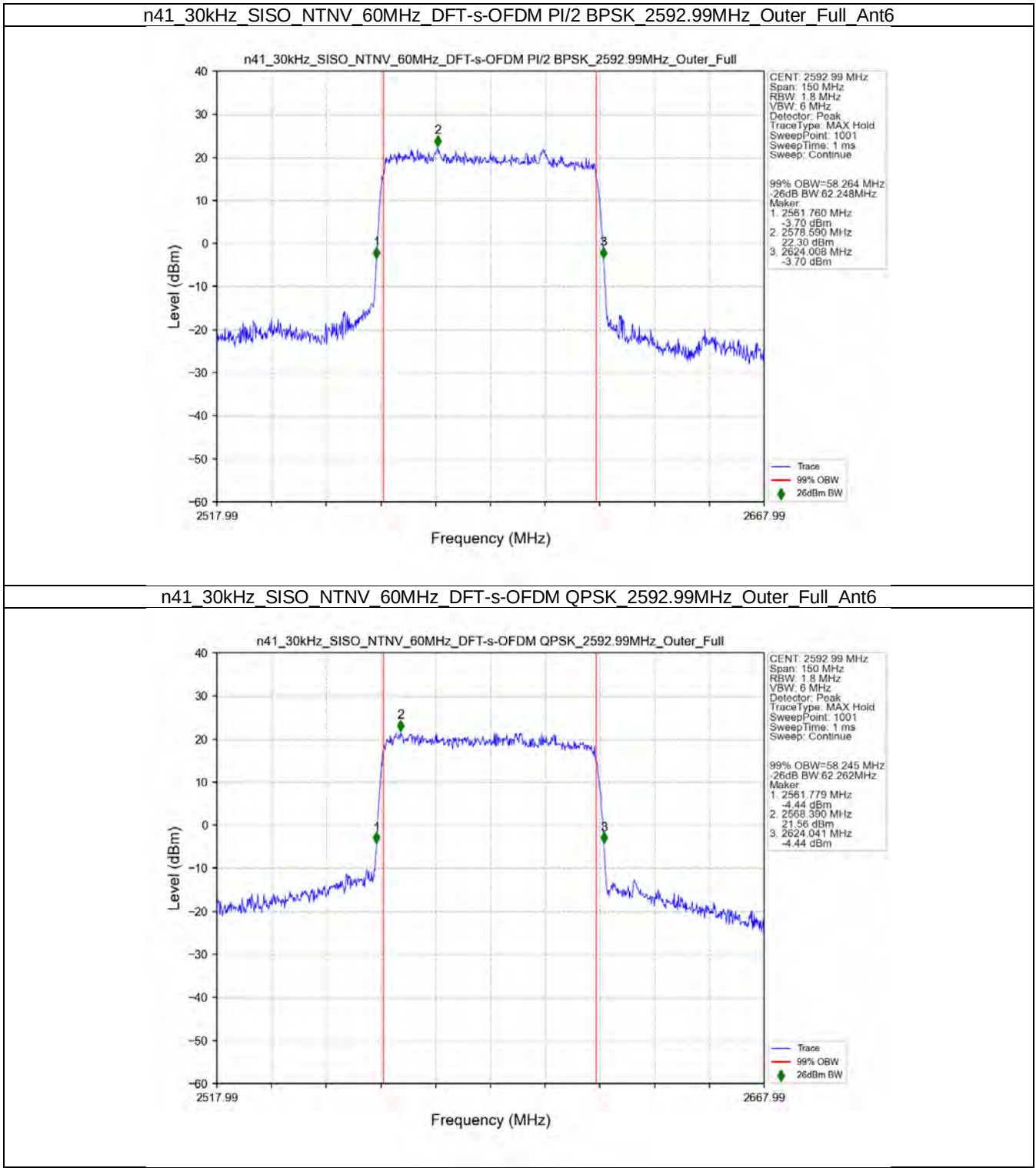
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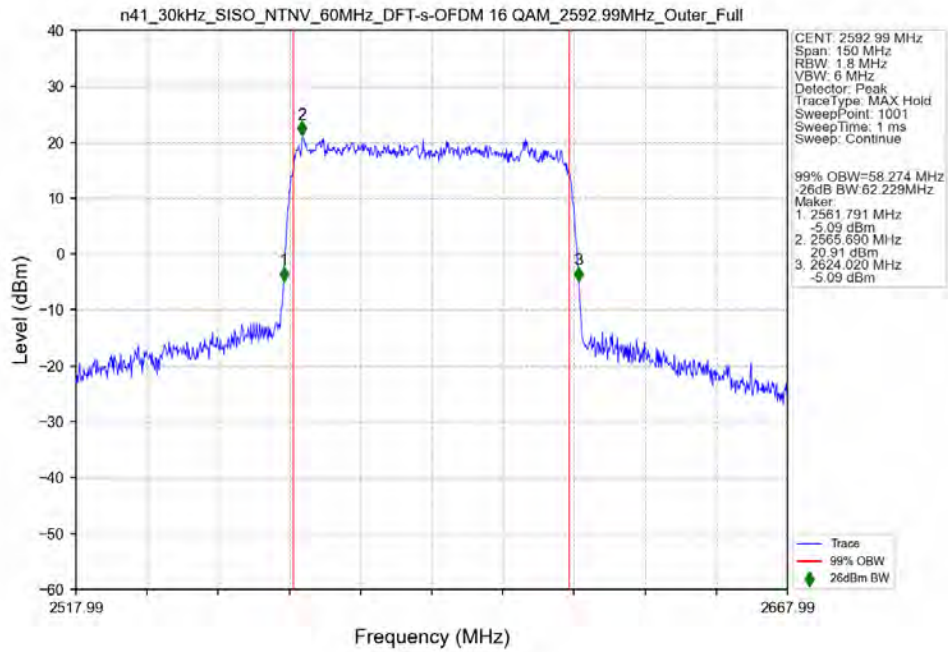
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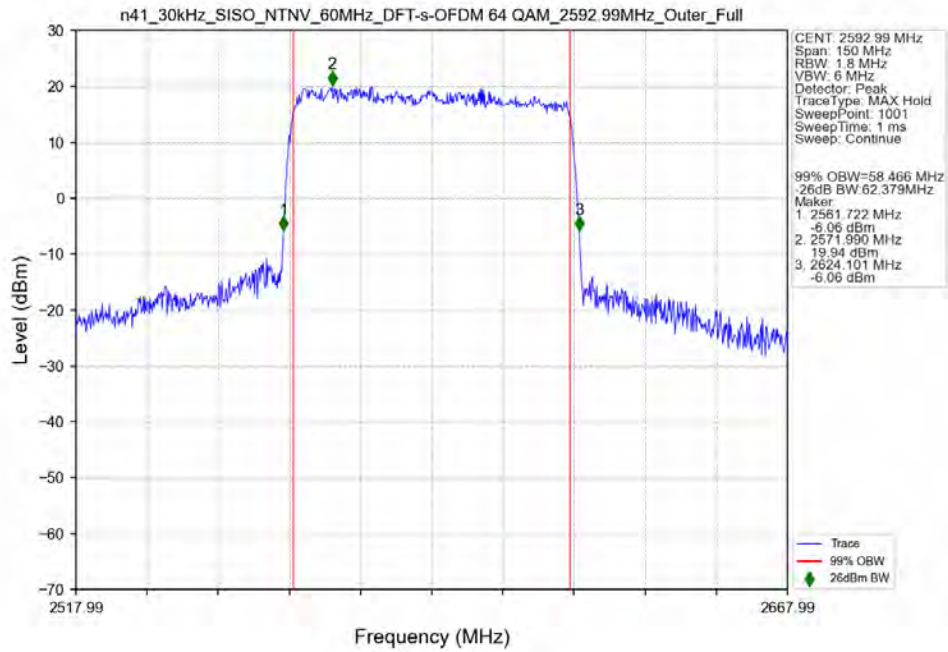
3.2.8 30k_SISO_60MHz_NTNV



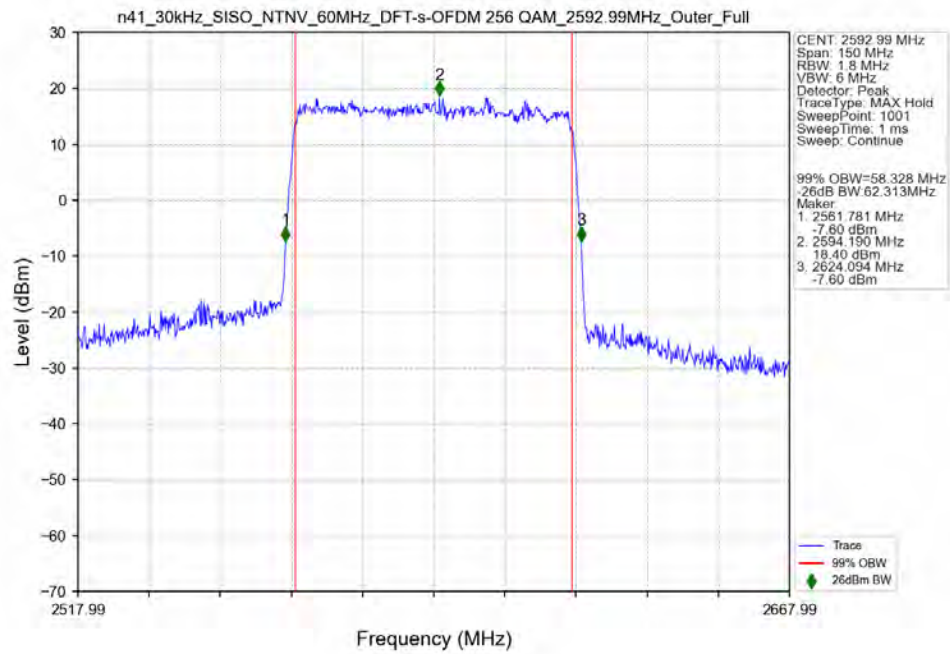
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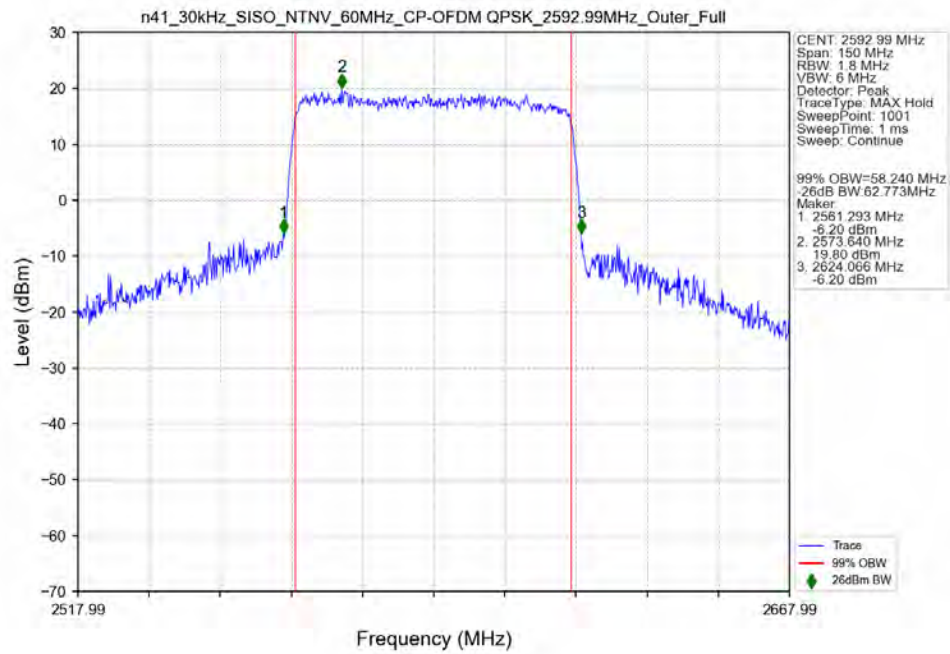
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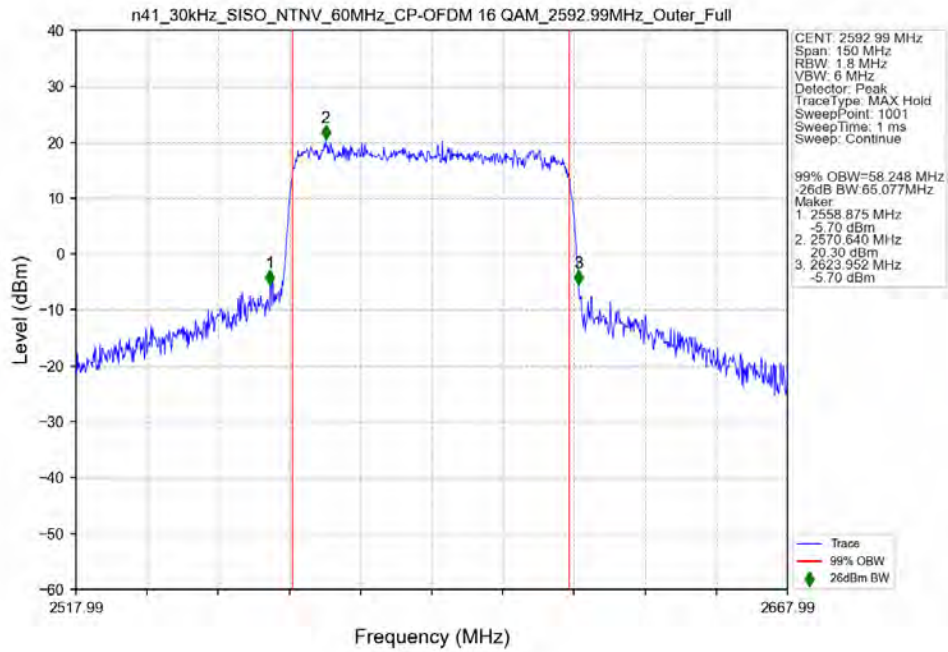
n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



n41_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6



n41_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6



n41_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6

