

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2575	Edge_1RB_Left	23.17	/	/	24.36	/	/	<=33	Pass
		Edge_1RB_Right	23.08	/	/	24.27	/	/	<=33	Pass
		Outer_Full	23.16	/	/	24.35	/	/	<=33	Pass
		Inner_Full	23.67	/	/	24.86	/	/	<=33	Pass
		Inner_1RB_Left	23.59	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	24.73	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.20	/	/	24.39	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	24.37	/	/	<=33	Pass
		Outer_Full	23.22	/	/	24.41	/	/	<=33	Pass
		Inner_Full	23.73	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Right	23.67	/	/	24.86	/	/	<=33	Pass
	2615	Edge_1RB_Left	23.10	/	/	24.29	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	24.13	/	/	<=33	Pass
		Outer_Full	23.06	/	/	24.25	/	/	<=33	Pass
		Inner_Full	23.48	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Right	23.46	/	/	24.65	/	/	<=33	Pass
DFT-s-OFDM QPSK	2575	Edge_1RB_Left	22.67	/	/	23.86	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	23.77	/	/	<=33	Pass
		Outer_Full	22.66	/	/	23.85	/	/	<=33	Pass
		Inner_Full	23.80	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Right	23.63	/	/	24.82	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.63	/	/	23.82	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	23.96	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.84	/	/	<=33	Pass
		Inner_Full	23.58	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	24.80	/	/	<=33	Pass
	2615	Edge_1RB_Left	22.75	/	/	23.94	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	23.72	/	/	<=33	Pass
		Outer_Full	22.61	/	/	23.80	/	/	<=33	Pass
		Inner_Full	23.65	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Right	23.46	/	/	24.65	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2575	Edge_1RB_Left	21.54	/	/	22.73	/	/	<=33	Pass
		Edge_1RB_Right	21.34	/	/	22.53	/	/	<=33	Pass
		Outer_Full	21.76	/	/	22.95	/	/	<=33	Pass
		Inner_Full	22.79	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	23.65	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.63	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	21.74	/	/	22.93	/	/	<=33	Pass
		Outer_Full	21.81	/	/	23.00	/	/	<=33	Pass
		Inner_Full	22.77	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	23.84	/	/	<=33	Pass
	2615	Edge_1RB_Left	21.59	/	/	22.78	/	/	<=33	Pass

		Edge_1RB_Right	21.42	/	/	22.61	/	/	<=33	Pass
		Outer_Full	21.64	/	/	22.83	/	/	<=33	Pass
		Inner_Full	22.68	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	22.30	/	/	23.49	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2575	Edge_1RB_Left	21.63	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	21.44	/	/	22.63	/	/	<=33	Pass
		Outer_Full	21.23	/	/	22.42	/	/	<=33	Pass
		Inner_Full	21.49	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	22.79	/	/	<=33	Pass
		Inner_1RB_Right	21.57	/	/	22.76	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.44	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	22.79	/	/	<=33	Pass
		Outer_Full	21.42	/	/	22.61	/	/	<=33	Pass
		Inner_Full	21.27	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Left	21.61	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	22.83	/	/	<=33	Pass
	2615	Edge_1RB_Left	21.61	/	/	22.80	/	/	<=33	Pass
		Edge_1RB_Right	21.37	/	/	22.56	/	/	<=33	Pass
		Outer_Full	21.24	/	/	22.43	/	/	<=33	Pass
		Inner_Full	21.20	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Left	21.45	/	/	22.64	/	/	<=33	Pass
		Inner_1RB_Right	21.27	/	/	22.46	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2575	Edge_1RB_Left	19.25	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	19.16	/	/	20.35	/	/	<=33	Pass
		Outer_Full	19.24	/	/	20.43	/	/	<=33	Pass
		Inner_Full	19.40	/	/	20.59	/	/	<=33	Pass
		Inner_1RB_Left	19.22	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Right	19.16	/	/	20.35	/	/	<=33	Pass
	2595	Edge_1RB_Left	19.20	/	/	20.39	/	/	<=33	Pass
		Edge_1RB_Right	19.28	/	/	20.47	/	/	<=33	Pass
		Outer_Full	19.20	/	/	20.39	/	/	<=33	Pass
		Inner_Full	19.48	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Left	19.16	/	/	20.35	/	/	<=33	Pass
		Inner_1RB_Right	19.22	/	/	20.41	/	/	<=33	Pass
	2615	Edge_1RB_Left	19.18	/	/	20.37	/	/	<=33	Pass
		Edge_1RB_Right	19.12	/	/	20.31	/	/	<=33	Pass
		Outer_Full	19.11	/	/	20.30	/	/	<=33	Pass
		Inner_Full	19.34	/	/	20.53	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	19.18	/	/	20.37	/	/	<=33	Pass
CP-OFDM QPSK	2575	Edge_1RB_Left	20.85	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	20.73	/	/	21.92	/	/	<=33	Pass
		Outer_Full	20.73	/	/	21.92	/	/	<=33	Pass
		Inner_Full	21.97	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	22.65	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	23.74	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.66	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	22.06	/	/	<=33	Pass
		Outer_Full	20.75	/	/	21.94	/	/	<=33	Pass
		Inner_Full	22.18	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	22.16	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	22.17	/	/	23.36	/	/	<=33	Pass
	2615	Edge_1RB_Left	20.80	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	22.00	/	/	<=33	Pass
		Outer_Full	20.59	/	/	21.78	/	/	<=33	Pass
		Inner_Full	21.95	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	22.63	/	/	23.82	/	/	<=33	Pass

CP-OFDM 16 QAM	2575	Edge 1RB Left	20.54	/	/	21.73	/	/	<=33	Pass
		Edge 1RB Right	20.51	/	/	21.70	/	/	<=33	Pass
		Outer_Full	20.58	/	/	21.77	/	/	<=33	Pass
		Inner_Full	21.71	/	/	22.90	/	/	<=33	Pass
		Inner 1RB Left	21.38	/	/	22.57	/	/	<=33	Pass
		Inner 1RB Right	21.33	/	/	22.52	/	/	<=33	Pass
	2595	Edge 1RB Left	20.53	/	/	21.72	/	/	<=33	Pass
		Edge 1RB Right	20.57	/	/	21.76	/	/	<=33	Pass
		Outer_Full	20.80	/	/	21.99	/	/	<=33	Pass
		Inner_Full	21.81	/	/	23.00	/	/	<=33	Pass
		Inner 1RB Left	21.41	/	/	22.60	/	/	<=33	Pass
		Inner 1RB Right	21.49	/	/	22.68	/	/	<=33	Pass
	2615	Edge 1RB Left	20.45	/	/	21.64	/	/	<=33	Pass
		Edge 1RB Right	20.49	/	/	21.68	/	/	<=33	Pass
		Outer_Full	20.67	/	/	21.86	/	/	<=33	Pass
		Inner_Full	21.60	/	/	22.79	/	/	<=33	Pass
		Inner 1RB Left	21.47	/	/	22.66	/	/	<=33	Pass
		Inner 1RB Right	21.23	/	/	22.42	/	/	<=33	Pass
CP-OFDM 64 QAM	2575	Edge 1RB Left	20.44	/	/	21.63	/	/	<=33	Pass
		Edge 1RB Right	20.35	/	/	21.54	/	/	<=33	Pass
		Outer_Full	20.15	/	/	21.34	/	/	<=33	Pass
		Inner_Full	20.26	/	/	21.45	/	/	<=33	Pass
		Inner 1RB Left	20.43	/	/	21.62	/	/	<=33	Pass
		Inner 1RB Right	20.36	/	/	21.55	/	/	<=33	Pass
	2595	Edge 1RB Left	20.39	/	/	21.58	/	/	<=33	Pass
		Edge 1RB Right	20.50	/	/	21.69	/	/	<=33	Pass
		Outer_Full	20.19	/	/	21.38	/	/	<=33	Pass
		Inner_Full	20.36	/	/	21.55	/	/	<=33	Pass
		Inner 1RB Left	20.44	/	/	21.63	/	/	<=33	Pass
		Inner 1RB Right	20.46	/	/	21.65	/	/	<=33	Pass
	2615	Edge 1RB Left	20.32	/	/	21.51	/	/	<=33	Pass
		Edge 1RB Right	20.45	/	/	21.64	/	/	<=33	Pass
		Outer_Full	20.15	/	/	21.34	/	/	<=33	Pass
		Inner_Full	20.19	/	/	21.38	/	/	<=33	Pass
		Inner 1RB Left	20.46	/	/	21.65	/	/	<=33	Pass
		Inner 1RB Right	20.23	/	/	21.42	/	/	<=33	Pass
CP-OFDM 256 QAM	2575	Edge 1RB Left	17.33	/	/	18.52	/	/	<=33	Pass
		Edge 1RB Right	17.28	/	/	18.47	/	/	<=33	Pass
		Outer_Full	17.27	/	/	18.46	/	/	<=33	Pass
		Inner_Full	17.21	/	/	18.40	/	/	<=33	Pass
		Inner 1RB Left	17.38	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Right	17.31	/	/	18.50	/	/	<=33	Pass
	2595	Edge 1RB Left	17.30	/	/	18.49	/	/	<=33	Pass
		Edge 1RB Right	17.40	/	/	18.59	/	/	<=33	Pass
		Outer_Full	17.24	/	/	18.43	/	/	<=33	Pass
		Inner_Full	17.38	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Left	17.33	/	/	18.52	/	/	<=33	Pass
		Inner 1RB Right	17.40	/	/	18.59	/	/	<=33	Pass
	2615	Edge 1RB Left	17.39	/	/	18.58	/	/	<=33	Pass
		Edge 1RB Right	17.31	/	/	18.50	/	/	<=33	Pass
		Outer_Full	17.14	/	/	18.33	/	/	<=33	Pass
		Inner_Full	17.26	/	/	18.45	/	/	<=33	Pass
		Inner 1RB Left	17.43	/	/	18.62	/	/	<=33	Pass
		Inner 1RB Right	17.35	/	/	18.54	/	/	<=33	Pass
Note1: Antenna Gain: Ant11: 1.19dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2577.5	Edge 1RB Left	23.21	/	/	24.40	/	/	<=33	Pass
		Edge 1RB Right	23.19	/	/	24.38	/	/	<=33	Pass
		Outer Full	23.25	/	/	24.44	/	/	<=33	Pass
		Inner Full	23.74	/	/	24.93	/	/	<=33	Pass
		Inner 1RB Left	23.72	/	/	24.91	/	/	<=33	Pass
		Inner 1RB Right	23.53	/	/	24.72	/	/	<=33	Pass
	2595	Edge 1RB Left	23.20	/	/	24.39	/	/	<=33	Pass
		Edge 1RB Right	23.27	/	/	24.46	/	/	<=33	Pass
		Outer Full	23.27	/	/	24.46	/	/	<=33	Pass
		Inner Full	23.77	/	/	24.96	/	/	<=33	Pass
		Inner 1RB Left	23.65	/	/	24.84	/	/	<=33	Pass
		Inner 1RB Right	23.74	/	/	24.93	/	/	<=33	Pass
	2612.5	Edge 1RB Left	23.29	/	/	24.48	/	/	<=33	Pass
		Edge 1RB Right	23.20	/	/	24.39	/	/	<=33	Pass
		Outer Full	23.24	/	/	24.43	/	/	<=33	Pass
		Inner Full	23.77	/	/	24.96	/	/	<=33	Pass
		Inner 1RB Left	23.73	/	/	24.92	/	/	<=33	Pass
		Inner 1RB Right	23.54	/	/	24.73	/	/	<=33	Pass
DFT-s-OFDM QPSK	2577.5	Edge 1RB Left	22.70	/	/	23.89	/	/	<=33	Pass
		Edge 1RB Right	22.67	/	/	23.86	/	/	<=33	Pass
		Outer Full	22.68	/	/	23.87	/	/	<=33	Pass
		Inner Full	23.69	/	/	24.88	/	/	<=33	Pass
		Inner 1RB Left	23.60	/	/	24.79	/	/	<=33	Pass
		Inner 1RB Right	23.59	/	/	24.78	/	/	<=33	Pass
	2595	Edge 1RB Left	22.60	/	/	23.79	/	/	<=33	Pass
		Edge 1RB Right	22.70	/	/	23.89	/	/	<=33	Pass
		Outer Full	22.78	/	/	23.97	/	/	<=33	Pass
		Inner Full	23.68	/	/	24.87	/	/	<=33	Pass
		Inner 1RB Left	23.72	/	/	24.91	/	/	<=33	Pass
		Inner 1RB Right	23.70	/	/	24.89	/	/	<=33	Pass
	2612.5	Edge 1RB Left	22.88	/	/	24.07	/	/	<=33	Pass
		Edge 1RB Right	22.78	/	/	23.97	/	/	<=33	Pass
		Outer Full	22.80	/	/	23.99	/	/	<=33	Pass
		Inner Full	23.63	/	/	24.82	/	/	<=33	Pass
		Inner 1RB Left	23.85	/	/	25.04	/	/	<=33	Pass
		Inner 1RB Right	23.56	/	/	24.75	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2577.5	Edge 1RB Left	21.61	/	/	22.80	/	/	<=33	Pass
		Edge 1RB Right	21.41	/	/	22.60	/	/	<=33	Pass
		Outer Full	21.85	/	/	23.04	/	/	<=33	Pass
		Inner Full	22.75	/	/	23.94	/	/	<=33	Pass
		Inner 1RB Left	22.57	/	/	23.76	/	/	<=33	Pass
		Inner 1RB Right	22.49	/	/	23.68	/	/	<=33	Pass
	2595	Edge 1RB Left	21.55	/	/	22.74	/	/	<=33	Pass
		Edge 1RB Right	21.60	/	/	22.79	/	/	<=33	Pass
		Outer Full	21.91	/	/	23.10	/	/	<=33	Pass
		Inner Full	22.74	/	/	23.93	/	/	<=33	Pass
		Inner 1RB Left	22.48	/	/	23.67	/	/	<=33	Pass
		Inner 1RB Right	22.58	/	/	23.77	/	/	<=33	Pass
	2612.5	Edge 1RB Left	21.69	/	/	22.88	/	/	<=33	Pass
		Edge 1RB Right	21.59	/	/	22.78	/	/	<=33	Pass
		Outer Full	21.84	/	/	23.03	/	/	<=33	Pass
		Inner Full	22.75	/	/	23.94	/	/	<=33	Pass
		Inner 1RB Left	22.49	/	/	23.68	/	/	<=33	Pass
		Inner 1RB Right	22.47	/	/	23.66	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2577.5	Edge 1RB Left	21.44	/	/	22.63	/	/	<=33	Pass
		Edge 1RB Right	21.46	/	/	22.65	/	/	<=33	Pass

		Outer_Full	21.20	/	/	22.39	/	/	<=33	Pass
		Inner_Full	21.47	/	/	22.66	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	21.46	/	/	22.65	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.54	/	/	22.73	/	/	<=33	Pass
		Edge_1RB_Right	21.62	/	/	22.81	/	/	<=33	Pass
		Outer_Full	21.31	/	/	22.50	/	/	<=33	Pass
		Inner_Full	21.41	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Left	21.39	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	22.75	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	21.60	/	/	22.79	/	/	<=33	Pass
		Edge_1RB_Right	21.52	/	/	22.71	/	/	<=33	Pass
		Outer_Full	21.31	/	/	22.50	/	/	<=33	Pass
		Inner_Full	21.38	/	/	22.57	/	/	<=33	Pass
		Inner_1RB_Left	21.58	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Right	21.54	/	/	22.73	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2577.5	Edge_1RB_Left	19.25	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	19.17	/	/	20.36	/	/	<=33	Pass
		Outer_Full	19.20	/	/	20.39	/	/	<=33	Pass
		Inner_Full	19.25	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Left	19.28	/	/	20.47	/	/	<=33	Pass
		Inner_1RB_Right	19.26	/	/	20.45	/	/	<=33	Pass
	2595	Edge_1RB_Left	19.17	/	/	20.36	/	/	<=33	Pass
		Edge_1RB_Right	19.26	/	/	20.45	/	/	<=33	Pass
		Outer_Full	19.19	/	/	20.38	/	/	<=33	Pass
		Inner_Full	19.24	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Left	19.14	/	/	20.33	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	20.44	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	19.31	/	/	20.50	/	/	<=33	Pass
		Edge_1RB_Right	19.24	/	/	20.43	/	/	<=33	Pass
		Outer_Full	19.24	/	/	20.43	/	/	<=33	Pass
		Inner_Full	19.28	/	/	20.47	/	/	<=33	Pass
		Inner_1RB_Left	19.32	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Right	19.22	/	/	20.41	/	/	<=33	Pass
CP-OFDM QPSK	2577.5	Edge_1RB_Left	21.06	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	22.01	/	/	<=33	Pass
		Outer_Full	20.72	/	/	21.91	/	/	<=33	Pass
		Inner_Full	22.28	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	22.45	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	23.72	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.73	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	21.86	/	/	<=33	Pass
		Outer_Full	20.75	/	/	21.94	/	/	<=33	Pass
		Inner_Full	22.31	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	22.29	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Right	22.27	/	/	23.46	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	21.07	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	21.03	/	/	22.22	/	/	<=33	Pass
		Outer_Full	20.77	/	/	21.96	/	/	<=33	Pass
		Inner_Full	22.29	/	/	23.48	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	22.04	/	/	23.23	/	/	<=33	Pass
CP-OFDM 16 QAM	2577.5	Edge_1RB_Left	20.57	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	21.62	/	/	<=33	Pass
		Outer_Full	20.77	/	/	21.96	/	/	<=33	Pass
		Inner_Full	21.71	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Left	21.52	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Right	21.46	/	/	22.65	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.56	/	/	21.75	/	/	<=33	Pass

		Edge 1RB Right	20.50	/	/	21.69	/	/	<=33	Pass
		Outer_Full	20.84	/	/	22.03	/	/	<=33	Pass
		Inner_Full	21.67	/	/	22.86	/	/	<=33	Pass
		Inner 1RB Left	21.43	/	/	22.62	/	/	<=33	Pass
		Inner 1RB Right	21.42	/	/	22.61	/	/	<=33	Pass
		Edge 1RB Left	20.55	/	/	21.74	/	/	<=33	Pass
		Edge 1RB Right	20.51	/	/	21.70	/	/	<=33	Pass
		Outer_Full	20.83	/	/	22.02	/	/	<=33	Pass
		Inner_Full	21.70	/	/	22.89	/	/	<=33	Pass
		Inner 1RB Left	21.48	/	/	22.67	/	/	<=33	Pass
	Inner 1RB Right	21.34	/	/	22.53	/	/	<=33	Pass	
	CP-OFDM 64 QAM	2577.5	Edge 1RB Left	20.35	/	/	21.54	/	/	<=33
Edge 1RB Right			20.36	/	/	21.55	/	/	<=33	Pass
Outer_Full			20.27	/	/	21.46	/	/	<=33	Pass
Inner_Full			20.20	/	/	21.39	/	/	<=33	Pass
Inner 1RB Left			20.41	/	/	21.60	/	/	<=33	Pass
Inner 1RB Right			20.38	/	/	21.57	/	/	<=33	Pass
2595		Edge 1RB Left	20.34	/	/	21.53	/	/	<=33	Pass
		Edge 1RB Right	20.48	/	/	21.67	/	/	<=33	Pass
		Outer_Full	20.27	/	/	21.46	/	/	<=33	Pass
		Inner_Full	20.30	/	/	21.49	/	/	<=33	Pass
		Inner 1RB Left	20.42	/	/	21.61	/	/	<=33	Pass
		Inner 1RB Right	20.47	/	/	21.66	/	/	<=33	Pass
2612.5		Edge 1RB Left	20.59	/	/	21.78	/	/	<=33	Pass
		Edge 1RB Right	20.31	/	/	21.50	/	/	<=33	Pass
		Outer_Full	20.32	/	/	21.51	/	/	<=33	Pass
		Inner_Full	20.21	/	/	21.40	/	/	<=33	Pass
		Inner 1RB Left	20.45	/	/	21.64	/	/	<=33	Pass
		Inner 1RB Right	20.42	/	/	21.61	/	/	<=33	Pass
CP-OFDM 256 QAM	2577.5	Edge 1RB Left	17.37	/	/	18.56	/	/	<=33	Pass
		Edge 1RB Right	17.29	/	/	18.48	/	/	<=33	Pass
		Outer_Full	17.26	/	/	18.45	/	/	<=33	Pass
		Inner_Full	17.35	/	/	18.54	/	/	<=33	Pass
		Inner 1RB Left	17.46	/	/	18.65	/	/	<=33	Pass
		Inner 1RB Right	17.40	/	/	18.59	/	/	<=33	Pass
	2595	Edge 1RB Left	17.28	/	/	18.47	/	/	<=33	Pass
		Edge 1RB Right	17.35	/	/	18.54	/	/	<=33	Pass
		Outer_Full	17.23	/	/	18.42	/	/	<=33	Pass
		Inner_Full	17.31	/	/	18.50	/	/	<=33	Pass
		Inner 1RB Left	17.36	/	/	18.55	/	/	<=33	Pass
		Inner 1RB Right	17.36	/	/	18.55	/	/	<=33	Pass
	2612.5	Edge 1RB Left	17.59	/	/	18.78	/	/	<=33	Pass
		Edge 1RB Right	17.47	/	/	18.66	/	/	<=33	Pass
		Outer_Full	17.28	/	/	18.47	/	/	<=33	Pass
		Inner_Full	17.38	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Left	17.46	/	/	18.65	/	/	<=33	Pass
		Inner 1RB Right	17.37	/	/	18.56	/	/	<=33	Pass
Note1: Antenna Gain: Ant11: 1.19dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2580	Edge 1RB Left	23.29	/	/	24.48	/	/	<=33	Pass
		Edge 1RB Right	23.29	/	/	24.48	/	/	<=33	Pass
		Outer_Full	23.25	/	/	24.44	/	/	<=33	Pass

		Inner_Full	23.62	/	/	24.81	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	24.95	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	24.80	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.15	/	/	24.34	/	/	<=33	Pass
		Edge_1RB_Right	23.25	/	/	24.44	/	/	<=33	Pass
		Outer_Full	23.21	/	/	24.40	/	/	<=33	Pass
		Inner_Full	23.66	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Left	23.66	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	24.77	/	/	<=33	Pass
		Edge_1RB_Left	23.25	/	/	24.44	/	/	<=33	Pass
	2610	Edge_1RB_Right	23.12	/	/	24.31	/	/	<=33	Pass
		Outer_Full	23.19	/	/	24.38	/	/	<=33	Pass
		Inner_Full	23.84	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	23.83	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	24.85	/	/	<=33	Pass
DFT-s-OFDM QPSK	2580	Edge_1RB_Left	22.76	/	/	23.95	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	23.90	/	/	<=33	Pass
		Outer_Full	22.77	/	/	23.96	/	/	<=33	Pass
		Inner_Full	23.75	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Left	23.63	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Right	23.74	/	/	24.93	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.68	/	/	23.87	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	23.93	/	/	<=33	Pass
		Outer_Full	22.75	/	/	23.94	/	/	<=33	Pass
		Inner_Full	23.73	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Left	23.59	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Right	23.70	/	/	24.89	/	/	<=33	Pass
	2610	Edge_1RB_Left	22.71	/	/	23.90	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	23.72	/	/	<=33	Pass
		Outer_Full	22.69	/	/	23.88	/	/	<=33	Pass
		Inner_Full	23.75	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Left	23.71	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	24.70	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2580	Edge_1RB_Left	21.56	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	22.79	/	/	<=33	Pass
		Outer_Full	21.80	/	/	22.99	/	/	<=33	Pass
		Inner_Full	22.75	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	23.65	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.48	/	/	22.67	/	/	<=33	Pass
		Edge_1RB_Right	21.51	/	/	22.70	/	/	<=33	Pass
		Outer_Full	21.79	/	/	22.98	/	/	<=33	Pass
		Inner_Full	22.79	/	/	23.98	/	/	<=33	Pass
		Inner_1RB_Left	22.44	/	/	23.63	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	23.66	/	/	<=33	Pass
	2610	Edge_1RB_Left	21.68	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	22.64	/	/	<=33	Pass
		Outer_Full	21.73	/	/	22.92	/	/	<=33	Pass
		Inner_Full	22.69	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	22.59	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	22.33	/	/	23.52	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2580	Edge_1RB_Left	21.48	/	/	22.67	/	/	<=33	Pass
		Edge_1RB_Right	21.62	/	/	22.81	/	/	<=33	Pass
		Outer_Full	21.16	/	/	22.35	/	/	<=33	Pass
		Inner_Full	21.28	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	21.61	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Right	21.57	/	/	22.76	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.51	/	/	22.70	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	22.73	/	/	<=33	Pass

		Outer_Full	21.19	/	/	22.38	/	/	<=33	Pass
		Inner_Full	21.28	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	22.62	/	/	<=33	Pass
		Inner_1RB_Right	21.55	/	/	22.74	/	/	<=33	Pass
	2610	Edge_1RB_Left	21.65	/	/	22.84	/	/	<=33	Pass
		Edge_1RB_Right	21.48	/	/	22.67	/	/	<=33	Pass
		Outer_Full	21.20	/	/	22.39	/	/	<=33	Pass
		Inner_Full	21.31	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Left	21.58	/	/	22.77	/	/	<=33	Pass
		Inner_1RB_Right	21.53	/	/	22.72	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2580	Edge_1RB_Left	19.27	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	19.24	/	/	20.43	/	/	<=33	Pass
		Outer_Full	19.20	/	/	20.39	/	/	<=33	Pass
		Inner_Full	19.23	/	/	20.42	/	/	<=33	Pass
		Inner_1RB_Left	19.30	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Right	19.23	/	/	20.42	/	/	<=33	Pass
	2595	Edge_1RB_Left	19.19	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	19.21	/	/	20.40	/	/	<=33	Pass
		Outer_Full	19.18	/	/	20.37	/	/	<=33	Pass
		Inner_Full	19.18	/	/	20.37	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	20.43	/	/	<=33	Pass
	2610	Edge_1RB_Left	19.27	/	/	20.46	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	20.37	/	/	<=33	Pass
		Outer_Full	19.15	/	/	20.34	/	/	<=33	Pass
		Inner_Full	19.24	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	19.19	/	/	20.38	/	/	<=33	Pass
CP-OFDM QPSK	2580	Edge_1RB_Left	20.60	/	/	21.79	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	21.98	/	/	<=33	Pass
		Outer_Full	20.82	/	/	22.01	/	/	<=33	Pass
		Inner_Full	22.22	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Left	22.37	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	23.67	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.90	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	20.99	/	/	22.18	/	/	<=33	Pass
		Outer_Full	20.79	/	/	21.98	/	/	<=33	Pass
		Inner_Full	22.20	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Left	22.25	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Right	22.11	/	/	23.30	/	/	<=33	Pass
	2610	Edge_1RB_Left	20.90	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	21.90	/	/	<=33	Pass
		Outer_Full	20.80	/	/	21.99	/	/	<=33	Pass
		Inner_Full	22.14	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Right	22.58	/	/	23.77	/	/	<=33	Pass
CP-OFDM 16 QAM	2580	Edge_1RB_Left	20.61	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	21.91	/	/	<=33	Pass
		Outer_Full	20.70	/	/	21.89	/	/	<=33	Pass
		Inner_Full	21.85	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Right	21.63	/	/	22.82	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.55	/	/	21.74	/	/	<=33	Pass
		Edge_1RB_Right	20.59	/	/	21.78	/	/	<=33	Pass
		Outer_Full	20.76	/	/	21.95	/	/	<=33	Pass
		Inner_Full	21.81	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Left	21.56	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	22.77	/	/	<=33	Pass
	2610	Edge_1RB_Left	20.63	/	/	21.82	/	/	<=33	Pass

		Edge 1RB Right	20.43	/	/	21.62	/	/	<=33	Pass
		Outer_Full	20.75	/	/	21.94	/	/	<=33	Pass
		Inner_Full	21.84	/	/	23.03	/	/	<=33	Pass
		Inner 1RB Left	21.53	/	/	22.72	/	/	<=33	Pass
		Inner 1RB Right	21.35	/	/	22.54	/	/	<=33	Pass
CP-OFDM 64 QAM	2580	Edge 1RB Left	20.39	/	/	21.58	/	/	<=33	Pass
		Edge 1RB Right	20.53	/	/	21.72	/	/	<=33	Pass
		Outer_Full	20.30	/	/	21.49	/	/	<=33	Pass
		Inner_Full	20.57	/	/	21.76	/	/	<=33	Pass
		Inner 1RB Left	20.49	/	/	21.68	/	/	<=33	Pass
		Inner 1RB Right	20.45	/	/	21.64	/	/	<=33	Pass
	2595	Edge 1RB Left	20.35	/	/	21.54	/	/	<=33	Pass
		Edge 1RB Right	20.45	/	/	21.64	/	/	<=33	Pass
		Outer_Full	20.29	/	/	21.48	/	/	<=33	Pass
		Inner_Full	20.29	/	/	21.48	/	/	<=33	Pass
		Inner 1RB Left	20.42	/	/	21.61	/	/	<=33	Pass
		Inner 1RB Right	20.43	/	/	21.62	/	/	<=33	Pass
	2610	Edge 1RB Left	20.39	/	/	21.58	/	/	<=33	Pass
		Edge 1RB Right	20.31	/	/	21.50	/	/	<=33	Pass
		Outer_Full	20.21	/	/	21.40	/	/	<=33	Pass
		Inner_Full	20.36	/	/	21.55	/	/	<=33	Pass
		Inner 1RB Left	20.47	/	/	21.66	/	/	<=33	Pass
		Inner 1RB Right	20.32	/	/	21.51	/	/	<=33	Pass
CP-OFDM 256 QAM	2580	Edge 1RB Left	17.43	/	/	18.62	/	/	<=33	Pass
		Edge 1RB Right	17.43	/	/	18.62	/	/	<=33	Pass
		Outer_Full	17.26	/	/	18.45	/	/	<=33	Pass
		Inner_Full	17.27	/	/	18.46	/	/	<=33	Pass
		Inner 1RB Left	17.40	/	/	18.59	/	/	<=33	Pass
		Inner 1RB Right	17.46	/	/	18.65	/	/	<=33	Pass
	2595	Edge 1RB Left	17.33	/	/	18.52	/	/	<=33	Pass
		Edge 1RB Right	17.42	/	/	18.61	/	/	<=33	Pass
		Outer_Full	17.31	/	/	18.50	/	/	<=33	Pass
		Inner_Full	17.28	/	/	18.47	/	/	<=33	Pass
		Inner 1RB Left	17.32	/	/	18.51	/	/	<=33	Pass
		Inner 1RB Right	17.44	/	/	18.63	/	/	<=33	Pass
	2610	Edge 1RB Left	17.47	/	/	18.66	/	/	<=33	Pass
		Edge 1RB Right	17.35	/	/	18.54	/	/	<=33	Pass
		Outer_Full	17.27	/	/	18.46	/	/	<=33	Pass
		Inner_Full	17.31	/	/	18.50	/	/	<=33	Pass
		Inner 1RB Left	17.49	/	/	18.68	/	/	<=33	Pass
		Inner 1RB Right	17.32	/	/	18.51	/	/	<=33	Pass
Note1: Antenna Gain: Ant11: 1.19dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2582.5	Edge 1RB Left	23.19	/	/	24.38	/	/	<=33	Pass
		Edge 1RB Right	23.31	/	/	24.50	/	/	<=33	Pass
		Outer_Full	23.35	/	/	24.54	/	/	<=33	Pass
		Inner_Full	23.74	/	/	24.93	/	/	<=33	Pass
		Inner 1RB Left	23.68	/	/	24.87	/	/	<=33	Pass
		Inner 1RB Right	23.75	/	/	24.94	/	/	<=33	Pass
	2595	Edge 1RB Left	23.20	/	/	24.39	/	/	<=33	Pass
		Edge 1RB Right	23.12	/	/	24.31	/	/	<=33	Pass
		Outer_Full	23.24	/	/	24.43	/	/	<=33	Pass

		Inner_Full	23.67	/	/	24.86	/	/	<=33	Pass
		Inner_1RB_Left	23.54	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Right	23.55	/	/	24.74	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	23.22	/	/	24.41	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	24.23	/	/	<=33	Pass
		Outer_Full	23.23	/	/	24.42	/	/	<=33	Pass
		Inner_Full	23.71	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Left	23.74	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Right	23.46	/	/	24.65	/	/	<=33	Pass
DFT-s-OFDM QPSK	2582.5	Edge_1RB_Left	22.88	/	/	24.07	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	24.19	/	/	<=33	Pass
		Outer_Full	22.91	/	/	24.10	/	/	<=33	Pass
		Inner_Full	23.85	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Left	23.84	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Right	23.82	/	/	25.01	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.60	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	23.85	/	/	<=33	Pass
		Outer_Full	22.72	/	/	23.91	/	/	<=33	Pass
		Inner_Full	23.73	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	24.76	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	22.97	/	/	24.16	/	/	<=33	Pass
		Edge_1RB_Right	22.60	/	/	23.79	/	/	<=33	Pass
		Outer_Full	22.79	/	/	23.98	/	/	<=33	Pass
		Inner_Full	23.74	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Right	23.59	/	/	24.78	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2582.5	Edge_1RB_Left	21.69	/	/	22.88	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	22.90	/	/	<=33	Pass
		Outer_Full	21.80	/	/	22.99	/	/	<=33	Pass
		Inner_Full	22.75	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	22.76	/	/	23.95	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.52	/	/	22.71	/	/	<=33	Pass
		Edge_1RB_Right	21.62	/	/	22.81	/	/	<=33	Pass
		Outer_Full	21.78	/	/	22.97	/	/	<=33	Pass
		Inner_Full	22.69	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	22.54	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Right	22.55	/	/	23.74	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	21.68	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	21.41	/	/	22.60	/	/	<=33	Pass
		Outer_Full	21.75	/	/	22.94	/	/	<=33	Pass
		Inner_Full	22.69	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	23.79	/	/	<=33	Pass
		Inner_1RB_Right	22.37	/	/	23.56	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2582.5	Edge_1RB_Left	21.71	/	/	22.90	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	23.05	/	/	<=33	Pass
		Outer_Full	21.34	/	/	22.53	/	/	<=33	Pass
		Inner_Full	21.41	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Left	21.75	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	22.89	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.57	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	22.64	/	/	<=33	Pass
		Outer_Full	21.31	/	/	22.50	/	/	<=33	Pass
		Inner_Full	21.26	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Left	21.40	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Right	21.37	/	/	22.56	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	21.57	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	21.40	/	/	22.59	/	/	<=33	Pass

		Outer_Full	21.23	/	/	22.42	/	/	<=33	Pass
		Inner_Full	21.27	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Left	21.56	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Right	21.47	/	/	22.66	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2582.5	Edge_1RB_Left	19.23	/	/	20.42	/	/	<=33	Pass
		Edge_1RB_Right	19.39	/	/	20.58	/	/	<=33	Pass
		Outer_Full	19.30	/	/	20.49	/	/	<=33	Pass
		Inner_Full	19.21	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	19.35	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Left	19.13	/	/	20.32	/	/	<=33	Pass
		Edge_1RB_Right	19.13	/	/	20.32	/	/	<=33	Pass
	2595	Outer_Full	19.19	/	/	20.38	/	/	<=33	Pass
		Inner_Full	19.18	/	/	20.37	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Right	19.16	/	/	20.35	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	19.29	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	19.08	/	/	20.27	/	/	<=33	Pass
		Outer_Full	19.20	/	/	20.39	/	/	<=33	Pass
		Inner_Full	19.16	/	/	20.35	/	/	<=33	Pass
		Inner_1RB_Left	19.30	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Right	19.03	/	/	20.22	/	/	<=33	Pass
CP-OFDM QPSK	2582.5	Edge_1RB_Left	21.00	/	/	22.19	/	/	<=33	Pass
		Edge_1RB_Right	20.99	/	/	22.18	/	/	<=33	Pass
		Outer_Full	20.79	/	/	21.98	/	/	<=33	Pass
		Inner_Full	22.27	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	23.46	/	/	<=33	Pass
		Inner_1RB_Right	22.28	/	/	23.47	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.84	/	/	22.03	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	22.00	/	/	<=33	Pass
		Outer_Full	20.77	/	/	21.96	/	/	<=33	Pass
		Inner_Full	22.21	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Left	22.47	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	23.72	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	21.24	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	21.95	/	/	<=33	Pass
		Outer_Full	20.66	/	/	21.85	/	/	<=33	Pass
		Inner_Full	22.20	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Left	22.73	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	23.75	/	/	<=33	Pass
CP-OFDM 16 QAM	2582.5	Edge_1RB_Left	20.80	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	22.02	/	/	<=33	Pass
		Outer_Full	20.80	/	/	21.99	/	/	<=33	Pass
		Inner_Full	21.75	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	22.79	/	/	<=33	Pass
		Inner_1RB_Right	21.65	/	/	22.84	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.61	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	21.96	/	/	<=33	Pass
		Outer_Full	20.77	/	/	21.96	/	/	<=33	Pass
		Inner_Full	21.72	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Right	21.32	/	/	22.51	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	20.76	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	21.64	/	/	<=33	Pass
		Outer_Full	20.69	/	/	21.88	/	/	<=33	Pass
		Inner_Full	21.75	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Right	21.30	/	/	22.49	/	/	<=33	Pass
CP-OFDM 64 QAM	2582.5	Edge_1RB_Left	20.50	/	/	21.69	/	/	<=33	Pass

		Edge_1RB_Right	20.72	/	/	21.91	/	/	<=33	Pass
		Outer_Full	20.33	/	/	21.52	/	/	<=33	Pass
		Inner_Full	20.36	/	/	21.55	/	/	<=33	Pass
		Inner_1RB_Left	20.53	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Right	20.57	/	/	21.76	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.36	/	/	21.55	/	/	<=33	Pass
		Edge_1RB_Right	20.48	/	/	21.67	/	/	<=33	Pass
		Outer_Full	20.26	/	/	21.45	/	/	<=33	Pass
		Inner_Full	20.33	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	20.40	/	/	21.59	/	/	<=33	Pass
	2607.5	Inner_1RB_Right	20.41	/	/	21.60	/	/	<=33	Pass
		Edge_1RB_Left	20.49	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	20.26	/	/	21.45	/	/	<=33	Pass
		Outer_Full	20.25	/	/	21.44	/	/	<=33	Pass
		Inner_Full	20.24	/	/	21.43	/	/	<=33	Pass
	CP-OFDM 256 QAM		Inner_1RB_Left	20.56	/	/	21.75	/	/	<=33
Inner_1RB_Right			20.22	/	/	21.41	/	/	<=33	Pass
Edge_1RB_Left			17.44	/	/	18.63	/	/	<=33	Pass
Edge_1RB_Right			17.54	/	/	18.73	/	/	<=33	Pass
Outer_Full			17.36	/	/	18.55	/	/	<=33	Pass
2582.5		Inner_Full	17.31	/	/	18.50	/	/	<=33	Pass
		Inner_1RB_Left	17.47	/	/	18.66	/	/	<=33	Pass
		Inner_1RB_Right	17.61	/	/	18.80	/	/	<=33	Pass
		Edge_1RB_Left	17.31	/	/	18.50	/	/	<=33	Pass
		Edge_1RB_Right	17.26	/	/	18.45	/	/	<=33	Pass
2595		Outer_Full	17.18	/	/	18.37	/	/	<=33	Pass
		Inner_Full	17.23	/	/	18.42	/	/	<=33	Pass
		Inner_1RB_Left	17.34	/	/	18.53	/	/	<=33	Pass
		Inner_1RB_Right	17.25	/	/	18.44	/	/	<=33	Pass
		Edge_1RB_Left	17.49	/	/	18.68	/	/	<=33	Pass
2607.5	Edge_1RB_Right	17.21	/	/	18.40	/	/	<=33	Pass	
	Outer_Full	17.24	/	/	18.43	/	/	<=33	Pass	
	Inner_Full	17.25	/	/	18.44	/	/	<=33	Pass	
	Inner_1RB_Left	17.50	/	/	18.69	/	/	<=33	Pass	
	Inner_1RB_Right	17.30	/	/	18.49	/	/	<=33	Pass	
Note1: Antenna Gain: Ant11: 1.19dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2585	Edge 1RB Left	23.16	/	/	24.35	/	/	<=33	Pass
		Edge 1RB Right	23.27	/	/	24.46	/	/	<=33	Pass
		Outer_Full	23.22	/	/	24.41	/	/	<=33	Pass
		Inner_Full	23.72	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Left	23.74	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Right	23.84	/	/	25.03	/	/	<=33	Pass
	2595	Edge_1RB_Left	23.17	/	/	24.36	/	/	<=33	Pass
		Edge_1RB_Right	23.14	/	/	24.33	/	/	<=33	Pass
		Outer_Full	23.22	/	/	24.41	/	/	<=33	Pass
		Inner_Full	23.76	/	/	24.95	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Right	23.59	/	/	24.78	/	/	<=33	Pass
	2605	Edge 1RB Left	23.26	/	/	24.45	/	/	<=33	Pass
		Edge 1RB Right	23.14	/	/	24.33	/	/	<=33	Pass
		Outer_Full	23.22	/	/	24.41	/	/	<=33	Pass

		Inner_Full	23.70	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Left	23.78	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Right	23.47	/	/	24.66	/	/	<=33	Pass
DFT-s-OFDM QPSK	2585	Edge_1RB_Left	22.72	/	/	23.91	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	23.95	/	/	<=33	Pass
		Outer_Full	22.72	/	/	23.91	/	/	<=33	Pass
		Inner_Full	23.69	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Left	23.63	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	24.87	/	/	<=33	Pass
		Edge_1RB_Left	22.71	/	/	23.90	/	/	<=33	Pass
	2595	Edge_1RB_Right	22.79	/	/	23.98	/	/	<=33	Pass
		Outer_Full	22.80	/	/	23.99	/	/	<=33	Pass
		Inner_Full	23.68	/	/	24.87	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Right	23.57	/	/	24.76	/	/	<=33	Pass
	2605	Edge_1RB_Left	22.82	/	/	24.01	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	23.87	/	/	<=33	Pass
		Outer_Full	22.77	/	/	23.96	/	/	<=33	Pass
		Inner_Full	23.71	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Left	23.63	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Right	23.41	/	/	24.60	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2585	Edge_1RB_Left	21.43	/	/	22.62	/	/	<=33	Pass
		Edge_1RB_Right	21.51	/	/	22.70	/	/	<=33	Pass
		Outer_Full	21.82	/	/	23.01	/	/	<=33	Pass
		Inner_Full	22.78	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Left	22.52	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	22.71	/	/	23.90	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.58	/	/	22.77	/	/	<=33	Pass
		Edge_1RB_Right	21.56	/	/	22.75	/	/	<=33	Pass
		Outer_Full	21.74	/	/	22.93	/	/	<=33	Pass
		Inner_Full	22.76	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	22.52	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	23.71	/	/	<=33	Pass
	2605	Edge_1RB_Left	21.64	/	/	22.83	/	/	<=33	Pass
		Edge_1RB_Right	21.46	/	/	22.65	/	/	<=33	Pass
		Outer_Full	21.72	/	/	22.91	/	/	<=33	Pass
		Inner_Full	22.82	/	/	24.01	/	/	<=33	Pass
		Inner_1RB_Left	22.48	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	23.60	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2585	Edge_1RB_Left	21.56	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	22.69	/	/	<=33	Pass
		Outer_Full	21.30	/	/	22.49	/	/	<=33	Pass
		Inner_Full	21.27	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Left	21.44	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Right	21.55	/	/	22.74	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.53	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	21.45	/	/	22.64	/	/	<=33	Pass
		Outer_Full	21.29	/	/	22.48	/	/	<=33	Pass
		Inner_Full	21.41	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Left	21.39	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	22.60	/	/	<=33	Pass
	2605	Edge_1RB_Left	21.53	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	21.31	/	/	22.50	/	/	<=33	Pass
		Outer_Full	21.28	/	/	22.47	/	/	<=33	Pass
		Inner_Full	21.33	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	21.35	/	/	22.54	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2585	Edge_1RB_Left	19.21	/	/	20.40	/	/	<=33	Pass
		Edge_1RB_Right	19.32	/	/	20.51	/	/	<=33	Pass

		Outer_Full	19.19	/	/	20.38	/	/	<=33	Pass
		Inner_Full	19.14	/	/	20.33	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	19.29	/	/	20.48	/	/	<=33	Pass
	2595	Edge_1RB_Left	19.15	/	/	20.34	/	/	<=33	Pass
		Edge_1RB_Right	19.14	/	/	20.33	/	/	<=33	Pass
		Outer_Full	19.19	/	/	20.38	/	/	<=33	Pass
		Inner_Full	19.20	/	/	20.39	/	/	<=33	Pass
		Inner_1RB_Left	19.15	/	/	20.34	/	/	<=33	Pass
		Inner_1RB_Right	19.15	/	/	20.34	/	/	<=33	Pass
	2605	Edge_1RB_Left	19.21	/	/	20.40	/	/	<=33	Pass
		Edge_1RB_Right	19.05	/	/	20.24	/	/	<=33	Pass
		Outer_Full	19.17	/	/	20.36	/	/	<=33	Pass
		Inner_Full	19.21	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	19.02	/	/	20.21	/	/	<=33	Pass
CP-OFDM QPSK	2585	Edge_1RB_Left	20.76	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	22.12	/	/	<=33	Pass
		Outer_Full	20.83	/	/	22.02	/	/	<=33	Pass
		Inner_Full	22.23	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Left	22.20	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Right	22.17	/	/	23.36	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.56	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	20.94	/	/	22.13	/	/	<=33	Pass
		Outer_Full	20.79	/	/	21.98	/	/	<=33	Pass
		Inner_Full	22.28	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	22.17	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	23.68	/	/	<=33	Pass
	2605	Edge_1RB_Left	20.75	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Right	20.69	/	/	21.88	/	/	<=33	Pass
		Outer_Full	20.82	/	/	22.01	/	/	<=33	Pass
		Inner_Full	22.26	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Left	22.62	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	23.66	/	/	<=33	Pass
CP-OFDM 16 QAM	2585	Edge_1RB_Left	20.70	/	/	21.89	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	21.89	/	/	<=33	Pass
		Outer_Full	20.80	/	/	21.99	/	/	<=33	Pass
		Inner_Full	21.73	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Left	21.50	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Right	21.46	/	/	22.65	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.51	/	/	21.70	/	/	<=33	Pass
		Edge_1RB_Right	20.65	/	/	21.84	/	/	<=33	Pass
		Outer_Full	20.78	/	/	21.97	/	/	<=33	Pass
		Inner_Full	21.77	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	22.62	/	/	<=33	Pass
		Inner_1RB_Right	21.35	/	/	22.54	/	/	<=33	Pass
	2605	Edge_1RB_Left	20.50	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	20.31	/	/	21.50	/	/	<=33	Pass
		Outer_Full	20.79	/	/	21.98	/	/	<=33	Pass
		Inner_Full	21.77	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Right	21.26	/	/	22.45	/	/	<=33	Pass
CP-OFDM 64 QAM	2585	Edge_1RB_Left	20.46	/	/	21.65	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	21.68	/	/	<=33	Pass
		Outer_Full	20.33	/	/	21.52	/	/	<=33	Pass
		Inner_Full	20.29	/	/	21.48	/	/	<=33	Pass
		Inner_1RB_Left	20.40	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	21.62	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.37	/	/	21.56	/	/	<=33	Pass

		Edge 1RB Right	20.36	/	/	21.55	/	/	<=33	Pass
		Outer_Full	20.34	/	/	21.53	/	/	<=33	Pass
		Inner_Full	20.29	/	/	21.48	/	/	<=33	Pass
		Inner_1RB Left	20.39	/	/	21.58	/	/	<=33	Pass
		Inner_1RB Right	20.43	/	/	21.62	/	/	<=33	Pass
	2605	Edge 1RB Left	20.39	/	/	21.58	/	/	<=33	Pass
		Edge 1RB Right	20.24	/	/	21.43	/	/	<=33	Pass
		Outer_Full	20.34	/	/	21.53	/	/	<=33	Pass
		Inner_Full	20.34	/	/	21.53	/	/	<=33	Pass
		Inner_1RB Left	20.37	/	/	21.56	/	/	<=33	Pass
CP-OFDM 256 QAM	2585	Inner_1RB Right	20.18	/	/	21.37	/	/	<=33	Pass
		Edge 1RB Left	17.44	/	/	18.63	/	/	<=33	Pass
		Edge 1RB Right	17.52	/	/	18.71	/	/	<=33	Pass
		Outer_Full	17.24	/	/	18.43	/	/	<=33	Pass
		Inner_Full	17.24	/	/	18.43	/	/	<=33	Pass
		Inner_1RB Left	17.37	/	/	18.56	/	/	<=33	Pass
	2595	Inner_1RB Right	17.48	/	/	18.67	/	/	<=33	Pass
		Edge 1RB Left	17.34	/	/	18.53	/	/	<=33	Pass
		Edge 1RB Right	17.34	/	/	18.53	/	/	<=33	Pass
		Outer_Full	17.22	/	/	18.41	/	/	<=33	Pass
		Inner_Full	17.29	/	/	18.48	/	/	<=33	Pass
		Inner_1RB Left	17.34	/	/	18.53	/	/	<=33	Pass
	2605	Inner_1RB Right	17.36	/	/	18.55	/	/	<=33	Pass
		Edge 1RB Left	17.36	/	/	18.55	/	/	<=33	Pass
		Edge 1RB Right	17.22	/	/	18.41	/	/	<=33	Pass
		Outer_Full	17.22	/	/	18.41	/	/	<=33	Pass
		Inner_Full	17.30	/	/	18.49	/	/	<=33	Pass
		Inner_1RB Left	17.43	/	/	18.62	/	/	<=33	Pass
	Inner_1RB Right	17.22	/	/	18.41	/	/	<=33	Pass	
Note1: Antenna Gain: Ant11: 1.19dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2590	Edge 1RB Left	23.25	/	/	24.44	/	/	<=33	Pass
		Edge 1RB Right	23.31	/	/	24.50	/	/	<=33	Pass
		Outer_Full	23.30	/	/	24.49	/	/	<=33	Pass
		Inner_Full	23.76	/	/	24.95	/	/	<=33	Pass
		Inner 1RB Left	23.81	/	/	25.00	/	/	<=33	Pass
		Inner 1RB Right	23.86	/	/	25.05	/	/	<=33	Pass
	2595	Edge 1RB Left	23.18	/	/	24.37	/	/	<=33	Pass
		Edge 1RB Right	22.95	/	/	24.14	/	/	<=33	Pass
		Outer_Full	23.20	/	/	24.39	/	/	<=33	Pass
		Inner_Full	23.72	/	/	24.91	/	/	<=33	Pass
		Inner 1RB Left	23.61	/	/	24.80	/	/	<=33	Pass
		Inner 1RB Right	23.48	/	/	24.67	/	/	<=33	Pass
	2600	Edge 1RB Left	23.11	/	/	24.30	/	/	<=33	Pass
		Edge 1RB Right	23.03	/	/	24.22	/	/	<=33	Pass
		Outer_Full	23.26	/	/	24.45	/	/	<=33	Pass
		Inner_Full	23.85	/	/	25.04	/	/	<=33	Pass
		Inner 1RB Left	23.59	/	/	24.78	/	/	<=33	Pass
DFT-s-OFDM QPSK	2590	Inner 1RB Right	23.55	/	/	24.74	/	/	<=33	Pass
		Edge 1RB Left	22.80	/	/	23.99	/	/	<=33	Pass
		Edge 1RB Right	22.72	/	/	23.91	/	/	<=33	Pass
		Outer_Full	22.83	/	/	24.02	/	/	<=33	Pass

		Inner_Full	23.79	/	/	24.98	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Right	23.60	/	/	24.79	/	/	<=33	Pass
	2595	Edge_1RB_Left	22.65	/	/	23.84	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	23.69	/	/	<=33	Pass
		Outer_Full	22.74	/	/	23.93	/	/	<=33	Pass
		Inner_Full	23.75	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Left	23.63	/	/	24.82	/	/	<=33	Pass
		Inner_1RB_Right	23.44	/	/	24.63	/	/	<=33	Pass
	2600	Edge_1RB_Left	22.72	/	/	23.91	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	23.74	/	/	<=33	Pass
		Outer_Full	22.78	/	/	23.97	/	/	<=33	Pass
		Inner_Full	23.83	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Left	23.64	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Right	23.44	/	/	24.63	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2590	Edge_1RB_Left	21.59	/	/	22.78	/	/	<=33	Pass
		Edge_1RB_Right	21.59	/	/	22.78	/	/	<=33	Pass
		Outer_Full	21.87	/	/	23.06	/	/	<=33	Pass
		Inner_Full	22.85	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	23.92	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.55	/	/	22.74	/	/	<=33	Pass
		Edge_1RB_Right	21.29	/	/	22.48	/	/	<=33	Pass
		Outer_Full	21.68	/	/	22.87	/	/	<=33	Pass
		Inner_Full	22.74	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	22.44	/	/	23.63	/	/	<=33	Pass
	2600	Edge_1RB_Left	21.46	/	/	22.65	/	/	<=33	Pass
		Edge_1RB_Right	21.49	/	/	22.68	/	/	<=33	Pass
		Outer_Full	21.79	/	/	22.98	/	/	<=33	Pass
		Inner_Full	22.86	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Right	22.42	/	/	23.61	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2590	Edge_1RB_Left	21.53	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	21.60	/	/	22.79	/	/	<=33	Pass
		Outer_Full	21.36	/	/	22.55	/	/	<=33	Pass
		Inner_Full	21.30	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	22.82	/	/	<=33	Pass
		Inner_1RB_Right	21.50	/	/	22.69	/	/	<=33	Pass
	2595	Edge_1RB_Left	21.49	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	21.28	/	/	22.47	/	/	<=33	Pass
		Outer_Full	21.21	/	/	22.40	/	/	<=33	Pass
		Inner_Full	21.31	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Left	21.54	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Right	21.37	/	/	22.56	/	/	<=33	Pass
	2600	Edge_1RB_Left	21.53	/	/	22.72	/	/	<=33	Pass
		Edge_1RB_Right	21.43	/	/	22.62	/	/	<=33	Pass
		Outer_Full	21.27	/	/	22.46	/	/	<=33	Pass
		Inner_Full	21.40	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Left	21.52	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	22.59	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2590	Edge_1RB_Left	19.20	/	/	20.39	/	/	<=33	Pass
		Edge_1RB_Right	19.23	/	/	20.42	/	/	<=33	Pass
		Outer_Full	19.25	/	/	20.44	/	/	<=33	Pass
		Inner_Full	19.21	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	19.20	/	/	20.39	/	/	<=33	Pass
		Inner_1RB_Right	19.19	/	/	20.38	/	/	<=33	Pass
	2595	Edge_1RB_Left	19.14	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	19.01	/	/	20.20	/	/	<=33	Pass

		Outer_Full	19.16	/	/	20.35	/	/	<=33	Pass
		Inner_Full	19.21	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	20.25	/	/	<=33	Pass
	2600	Edge_1RB_Left	19.16	/	/	20.35	/	/	<=33	Pass
		Edge_1RB_Right	19.10	/	/	20.29	/	/	<=33	Pass
		Outer_Full	19.24	/	/	20.43	/	/	<=33	Pass
		Inner_Full	19.28	/	/	20.47	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	20.25	/	/	<=33	Pass
CP-OFDM QPSK	2590	Edge_1RB_Left	21.15	/	/	22.34	/	/	<=33	Pass
		Edge_1RB_Right	21.11	/	/	22.30	/	/	<=33	Pass
		Outer_Full	20.84	/	/	22.03	/	/	<=33	Pass
		Inner_Full	22.24	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Left	22.34	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Right	22.33	/	/	23.52	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.94	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	21.94	/	/	<=33	Pass
		Outer_Full	20.75	/	/	21.94	/	/	<=33	Pass
		Inner_Full	22.22	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Left	22.41	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	23.89	/	/	<=33	Pass
	2600	Edge_1RB_Left	20.97	/	/	22.16	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	21.93	/	/	<=33	Pass
		Outer_Full	20.80	/	/	21.99	/	/	<=33	Pass
		Inner_Full	22.30	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	22.71	/	/	23.90	/	/	<=33	Pass
CP-OFDM 16 QAM	2590	Edge_1RB_Left	20.66	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Right	20.56	/	/	21.75	/	/	<=33	Pass
		Outer_Full	20.89	/	/	22.08	/	/	<=33	Pass
		Inner_Full	21.80	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Left	21.40	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Right	21.59	/	/	22.78	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.47	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Right	20.34	/	/	21.53	/	/	<=33	Pass
		Outer_Full	20.82	/	/	22.01	/	/	<=33	Pass
		Inner_Full	21.72	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	21.41	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Right	21.25	/	/	22.44	/	/	<=33	Pass
	2600	Edge_1RB_Left	20.49	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	20.30	/	/	21.49	/	/	<=33	Pass
		Outer_Full	20.82	/	/	22.01	/	/	<=33	Pass
		Inner_Full	21.83	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	22.82	/	/	<=33	Pass
		Inner_1RB_Right	21.45	/	/	22.64	/	/	<=33	Pass
CP-OFDM 64 QAM	2590	Edge_1RB_Left	20.46	/	/	21.65	/	/	<=33	Pass
		Edge_1RB_Right	20.47	/	/	21.66	/	/	<=33	Pass
		Outer_Full	20.40	/	/	21.59	/	/	<=33	Pass
		Inner_Full	20.33	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	20.49	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Right	20.49	/	/	21.68	/	/	<=33	Pass
	2595	Edge_1RB_Left	20.40	/	/	21.59	/	/	<=33	Pass
		Edge_1RB_Right	20.27	/	/	21.46	/	/	<=33	Pass
		Outer_Full	20.35	/	/	21.54	/	/	<=33	Pass
		Inner_Full	20.33	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	21.48	/	/	<=33	Pass
	2600	Edge_1RB_Left	20.40	/	/	21.59	/	/	<=33	Pass

		Edge 1RB Right	20.32	/	/	21.51	/	/	<=33	Pass
		Outer Full	20.31	/	/	21.50	/	/	<=33	Pass
		Inner Full	20.41	/	/	21.60	/	/	<=33	Pass
		Inner 1RB Left	20.45	/	/	21.64	/	/	<=33	Pass
		Inner 1RB Right	20.34	/	/	21.53	/	/	<=33	Pass
CP-OFDM 256 QAM	2590	Edge 1RB Left	17.42	/	/	18.61	/	/	<=33	Pass
		Edge 1RB Right	17.45	/	/	18.64	/	/	<=33	Pass
		Outer Full	17.31	/	/	18.50	/	/	<=33	Pass
		Inner Full	17.34	/	/	18.53	/	/	<=33	Pass
		Inner 1RB Left	17.47	/	/	18.66	/	/	<=33	Pass
		Inner 1RB Right	17.41	/	/	18.60	/	/	<=33	Pass
	2595	Edge 1RB Left	17.39	/	/	18.58	/	/	<=33	Pass
		Edge 1RB Right	17.22	/	/	18.41	/	/	<=33	Pass
		Outer Full	17.28	/	/	18.47	/	/	<=33	Pass
		Inner Full	17.26	/	/	18.45	/	/	<=33	Pass
		Inner 1RB Left	17.33	/	/	18.52	/	/	<=33	Pass
		Inner 1RB Right	17.18	/	/	18.37	/	/	<=33	Pass
	2600	Edge 1RB Left	17.34	/	/	18.53	/	/	<=33	Pass
		Edge 1RB Right	17.29	/	/	18.48	/	/	<=33	Pass
		Outer Full	17.30	/	/	18.49	/	/	<=33	Pass
		Inner Full	17.32	/	/	18.51	/	/	<=33	Pass
		Inner 1RB Left	17.33	/	/	18.52	/	/	<=33	Pass
		Inner 1RB Right	17.30	/	/	18.49	/	/	<=33	Pass
Note1: Antenna Gain: Ant11: 1.19dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_40MHz

5G NR n38 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2595	Outer_Full	20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n38 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	2595	Outer_Full	8.71	9.61	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	8.68	9.56	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	8.68	9.51	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	8.68	9.60	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	8.66	9.50	/	Pass
CP-OFDM QPSK	2595	Outer_Full	8.71	10.26	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	8.69	9.55	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	8.68	12.41	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	8.72	9.58	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n38 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	2595	Outer_Full	13.09	14.10	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	13.07	14.13	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	13.04	14.23	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	13.09	14.30	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	13.02	14.04	/	Pass
CP-OFDM QPSK	2595	Outer_Full	13.76	14.90	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	13.76	14.94	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	13.81	14.93	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	13.74	14.91	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n38 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	18.17	19.50	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	18.15	19.41	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	18.10	19.35	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	18.16	19.52	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	18.06	19.41	/	Pass
CP-OFDM QPSK	2595	Outer_Full	18.40	19.85	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	18.44	21.31	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	18.45	20.07	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	18.38	19.71	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n38 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	2595	Outer_Full	23.37	24.82	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	23.10	24.75	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	23.08	24.74	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	23.20	24.78	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	23.05	24.71	/	Pass
CP-OFDM QPSK	2595	Outer_Full	23.49	27.57	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	23.54	25.16	/	Pass

CP-OFDM 64 QAM	2595	Outer Full	23.48	25.09	/	Pass
CP-OFDM 256 QAM	2595	Outer Full	23.44	25.10	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

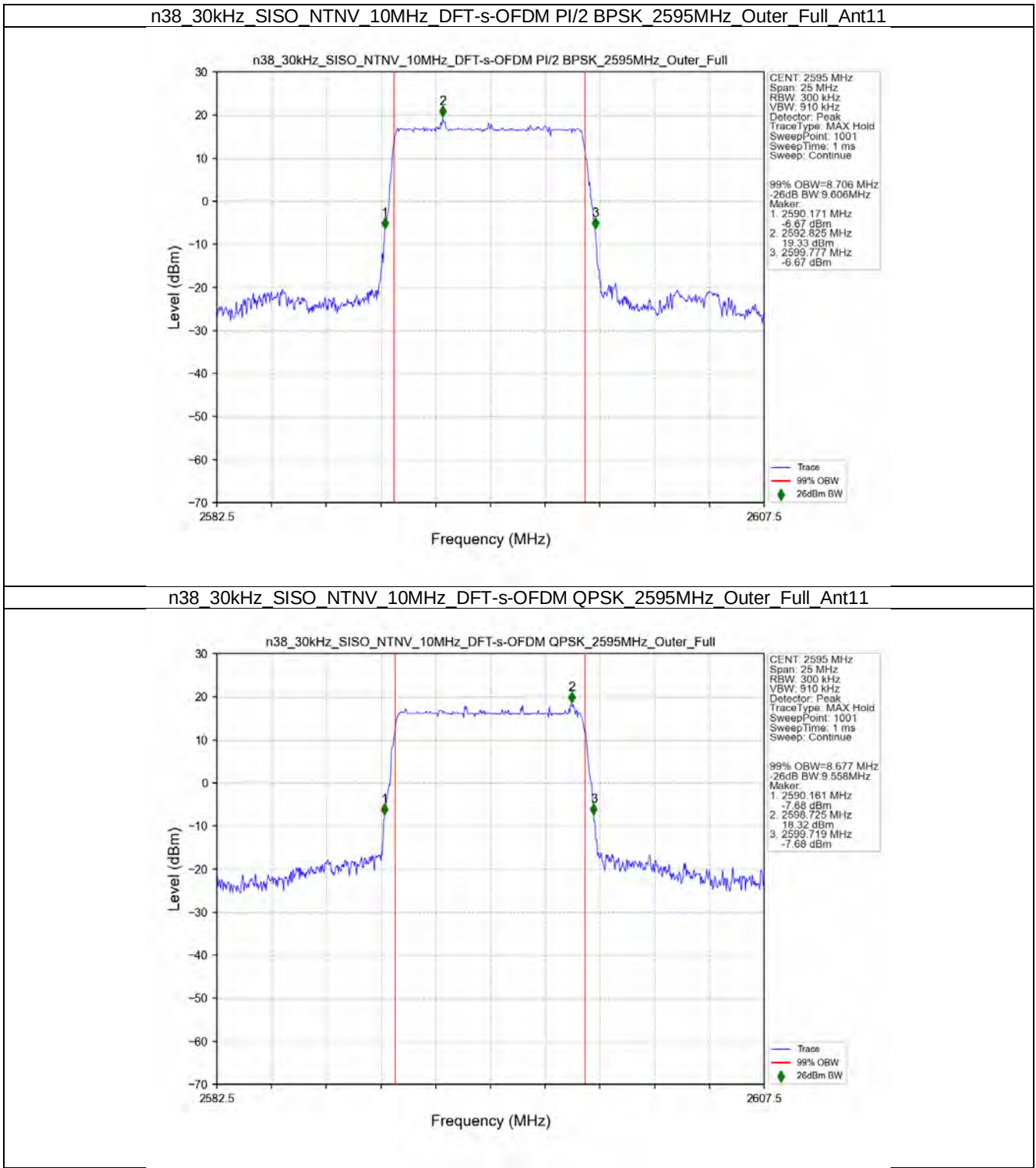
5G NR n38 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer Full	27.21	29.09	/	Pass
DFT-s-OFDM QPSK	2595	Outer Full	27.15	29.19	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer Full	27.14	29.09	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer Full	27.22	29.17	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer Full	27.11	29.18	/	Pass
CP-OFDM QPSK	2595	Outer Full	28.15	36.70	/	Pass
CP-OFDM 16 QAM	2595	Outer Full	28.22	30.15	/	Pass
CP-OFDM 64 QAM	2595	Outer Full	28.11	30.16	/	Pass
CP-OFDM 256 QAM	2595	Outer Full	28.10	30.36	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

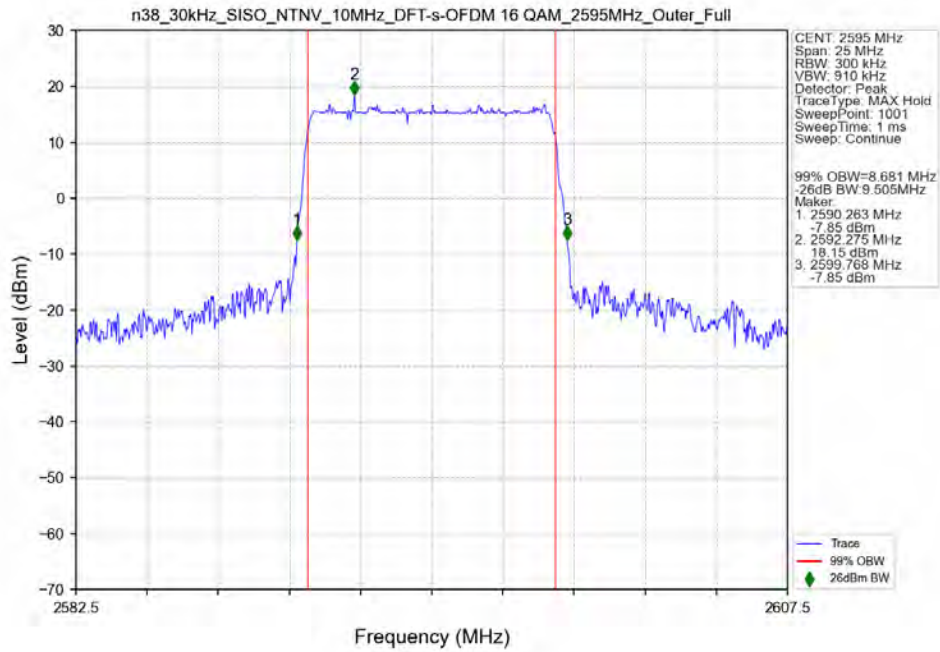
5G NR n38 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer Full	36.19	38.70	/	Pass
DFT-s-OFDM QPSK	2595	Outer Full	36.18	38.80	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer Full	36.09	38.73	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer Full	36.20	38.79	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer Full	36.02	38.71	/	Pass
CP-OFDM QPSK	2595	Outer Full	38.25	52.62	/	Pass
CP-OFDM 16 QAM	2595	Outer Full	38.26	42.88	/	Pass
CP-OFDM 64 QAM	2595	Outer Full	38.23	40.95	/	Pass
CP-OFDM 256 QAM	2595	Outer Full	38.07	40.89	/	Pass

3.2 Test Graph

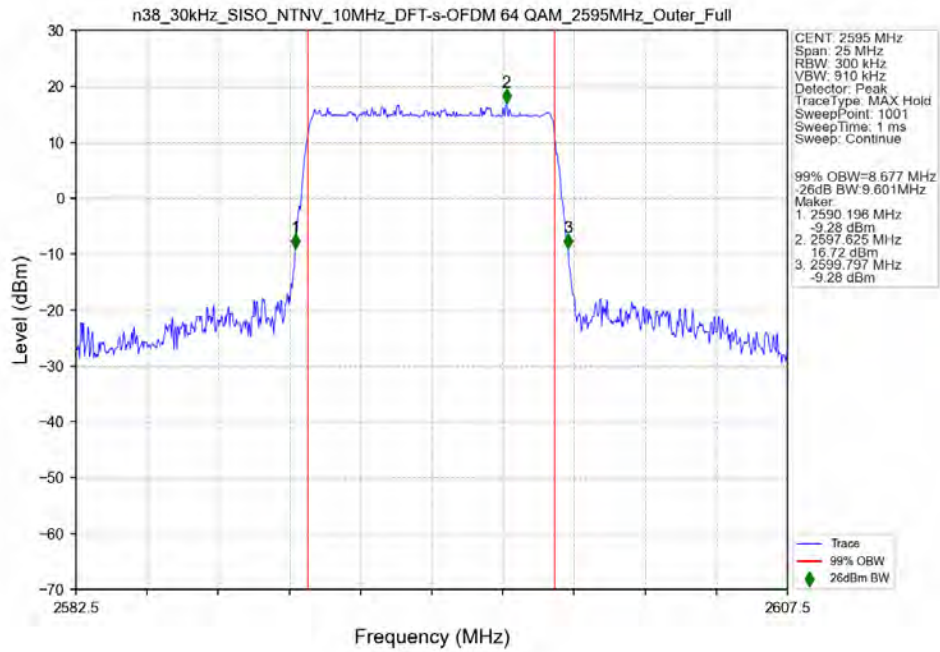
3.2.1 30k_SISO_10MHz_NTNV



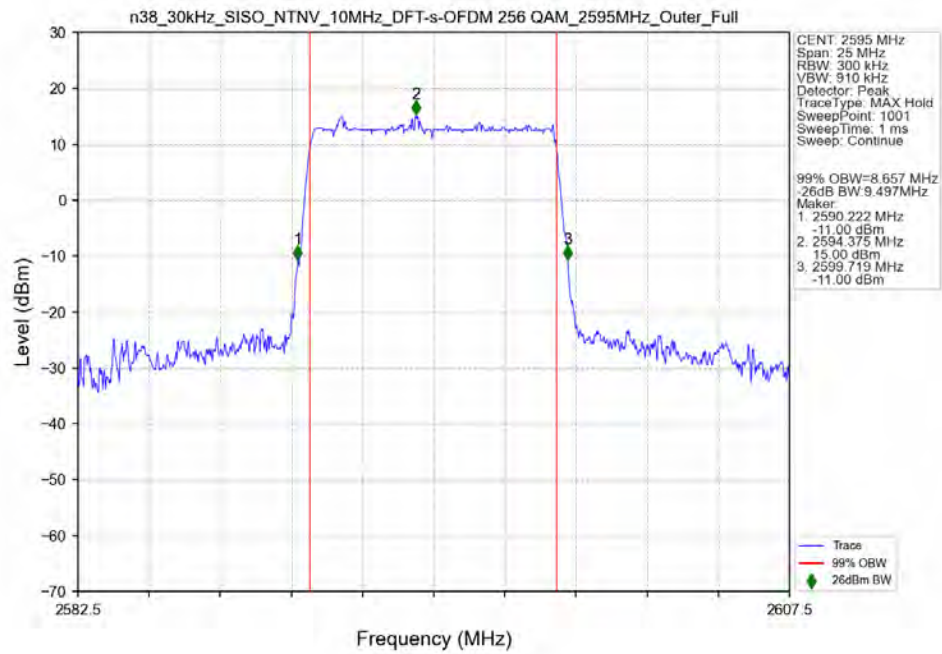
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



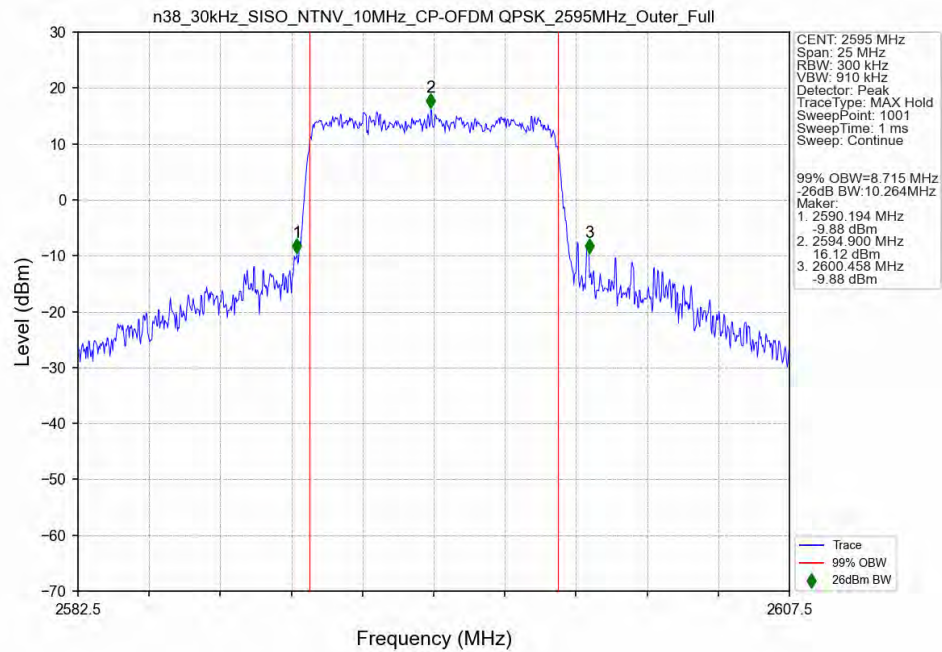
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



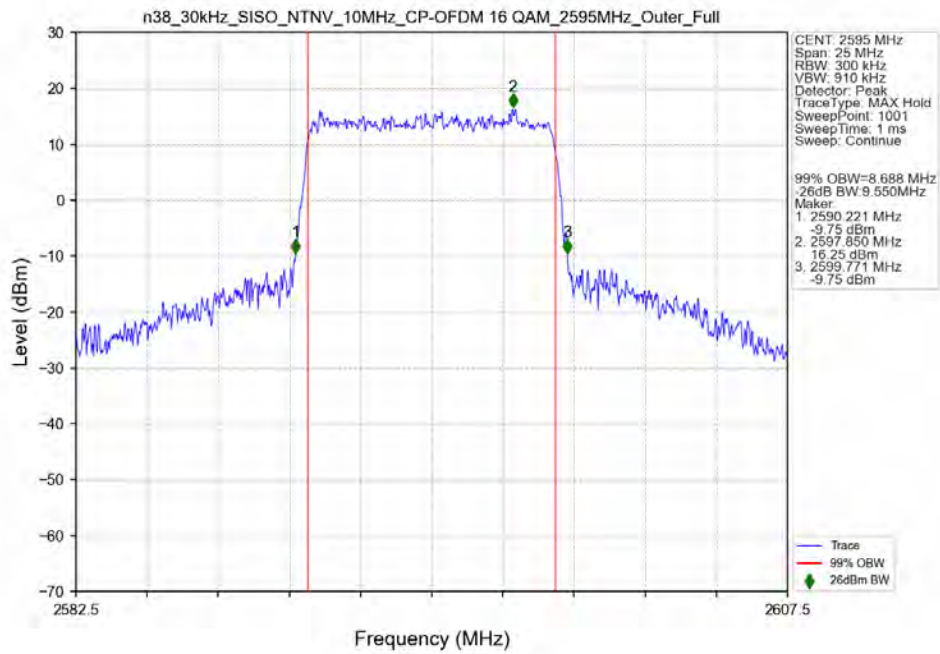
n38 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant11



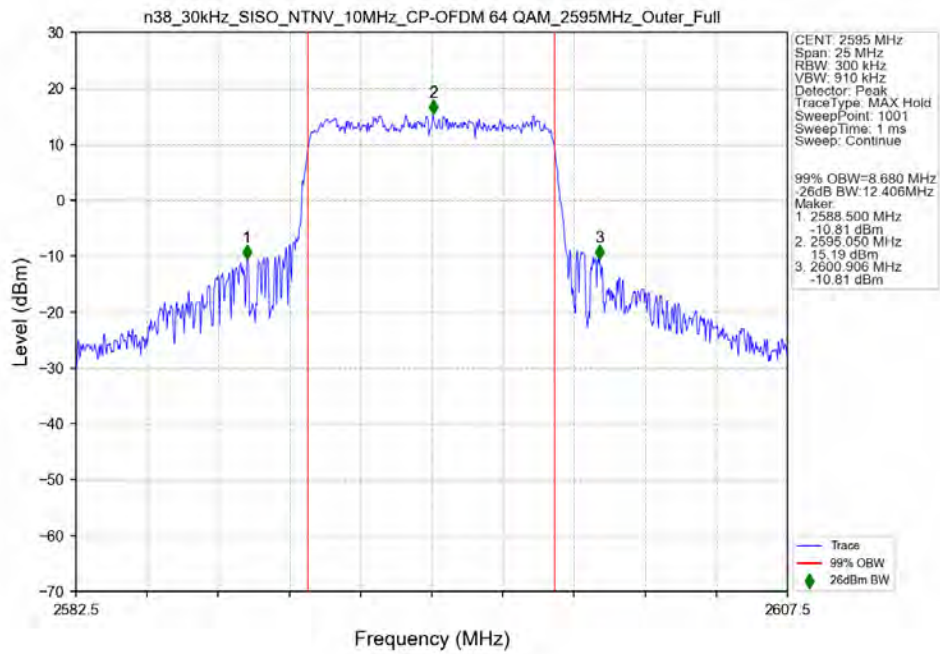
n38 30kHz SISO NTN 10MHz CP-OFDM QPSK 2595MHz Outer Full Ant11



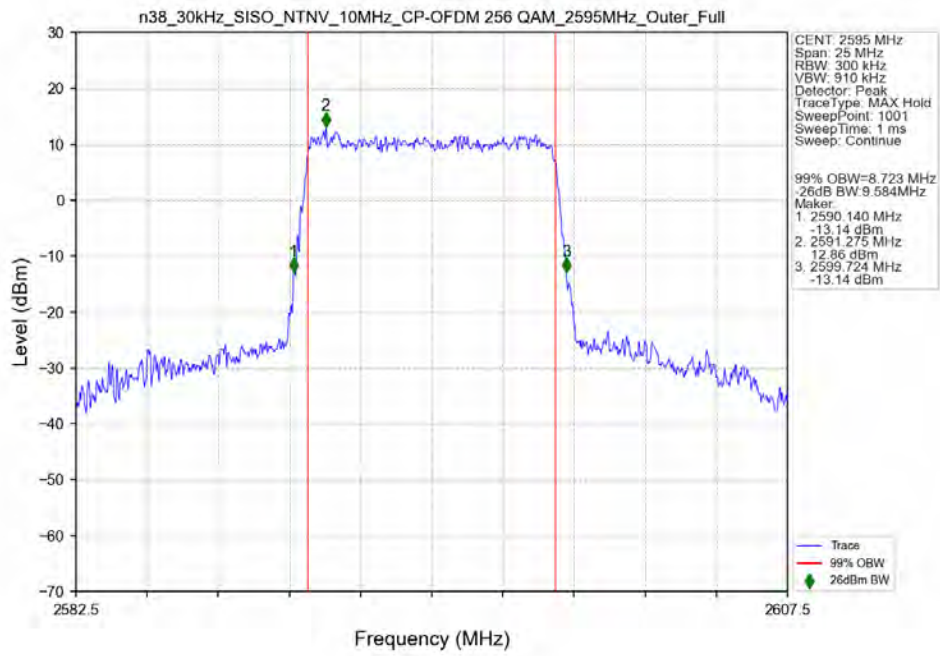
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 2595MHz Outer Full Ant11



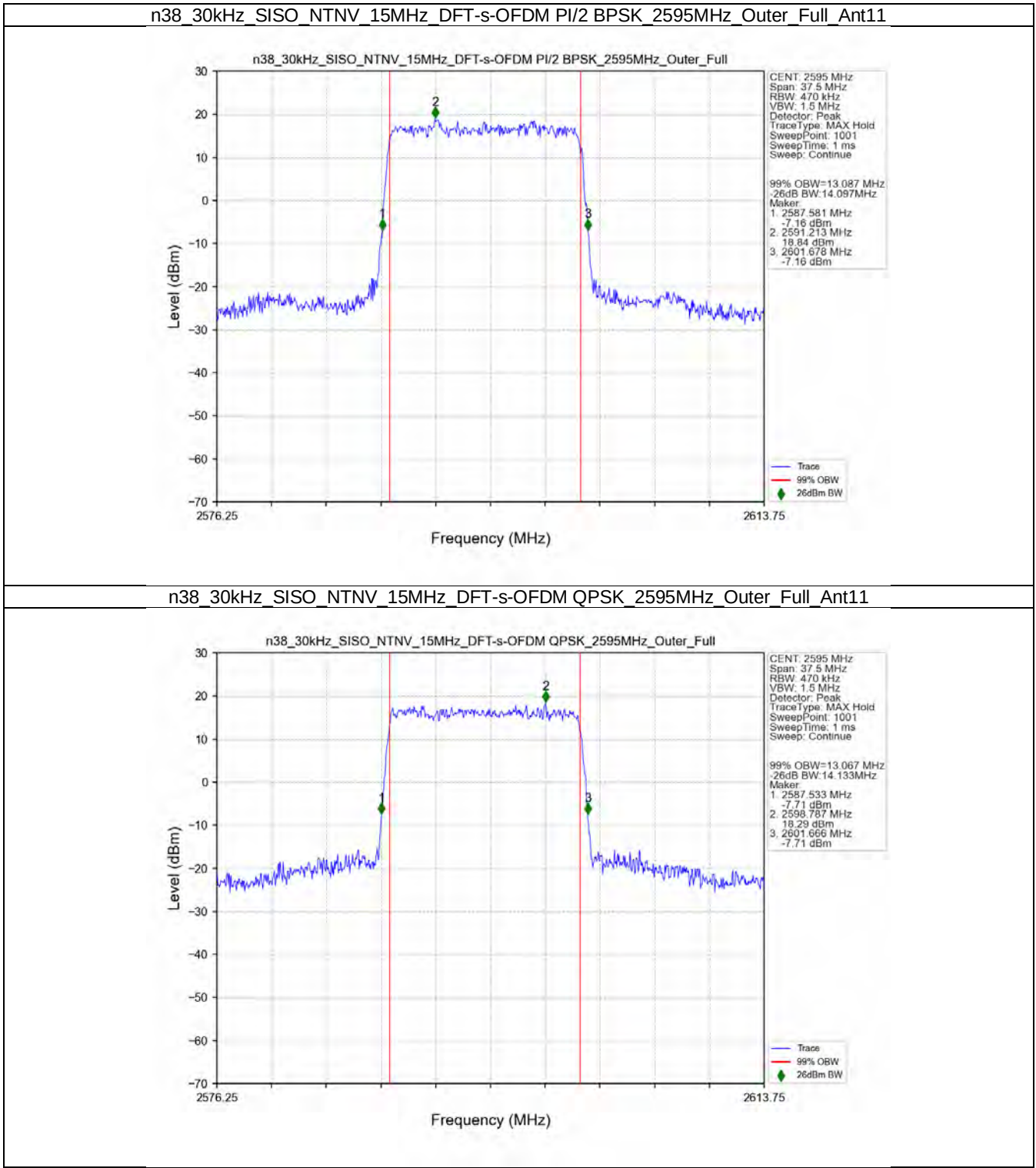
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 2595MHz Outer Full Ant11



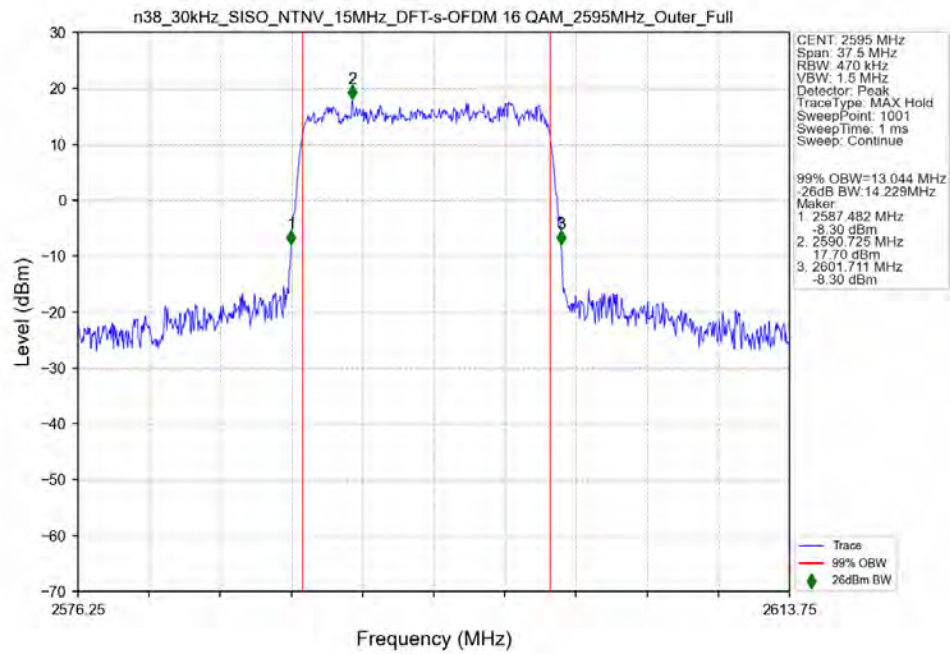
n38_30kHz_SISO_NTV_10MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant11



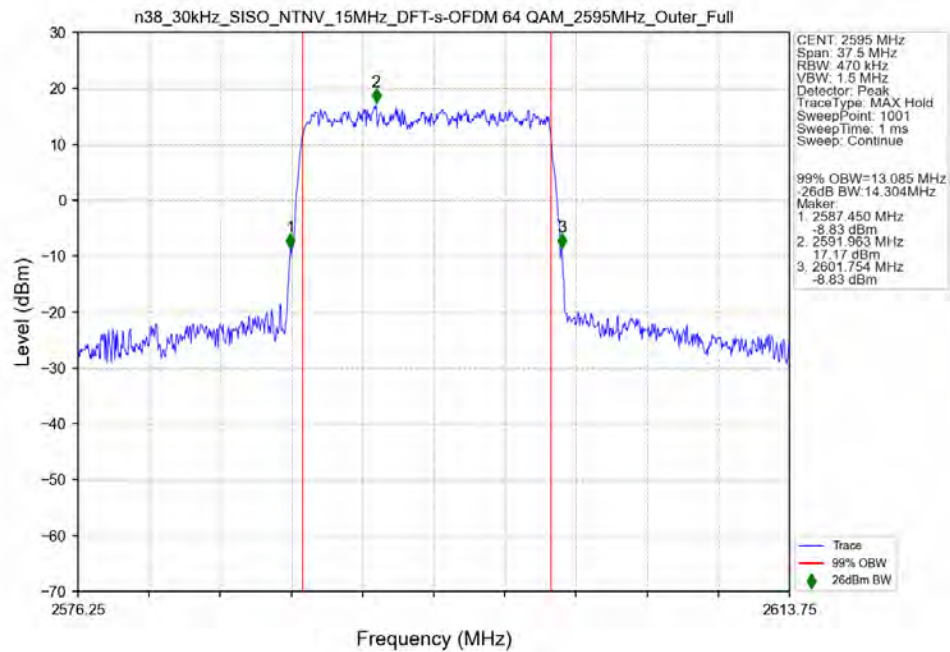
3.2.2 30k_SISO_15MHz_NTNV



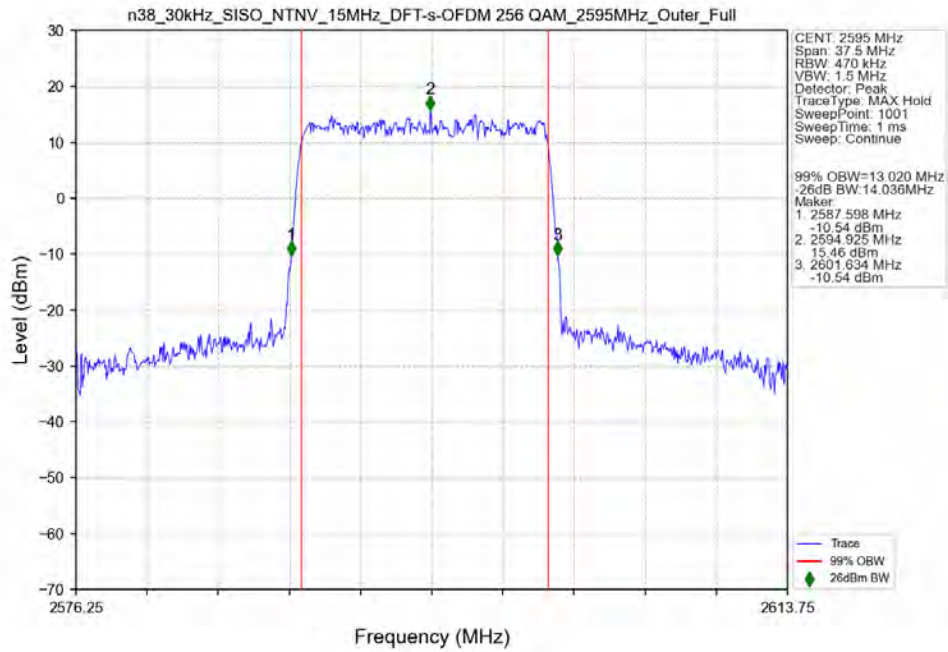
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



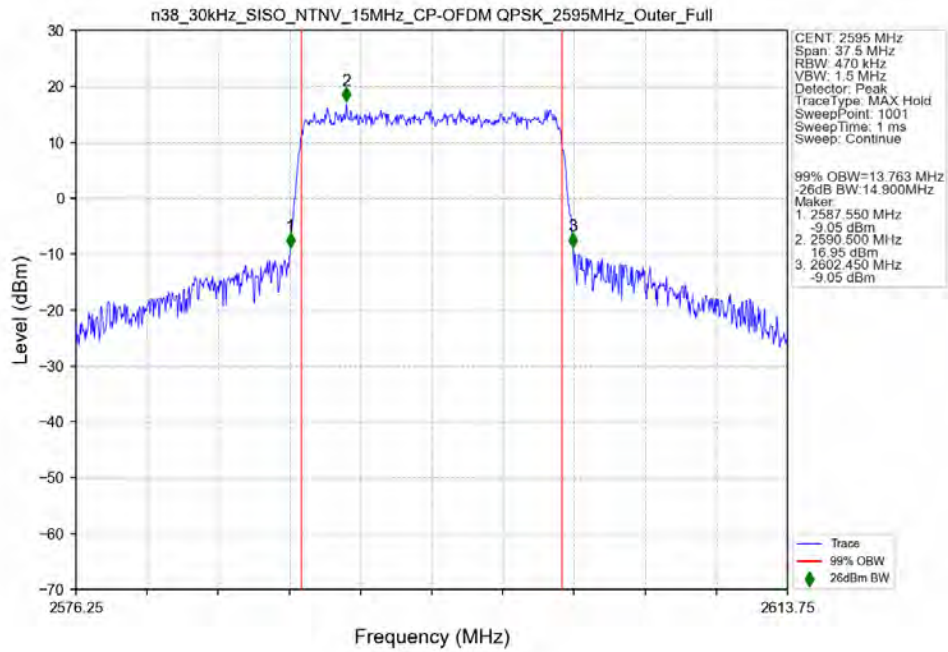
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



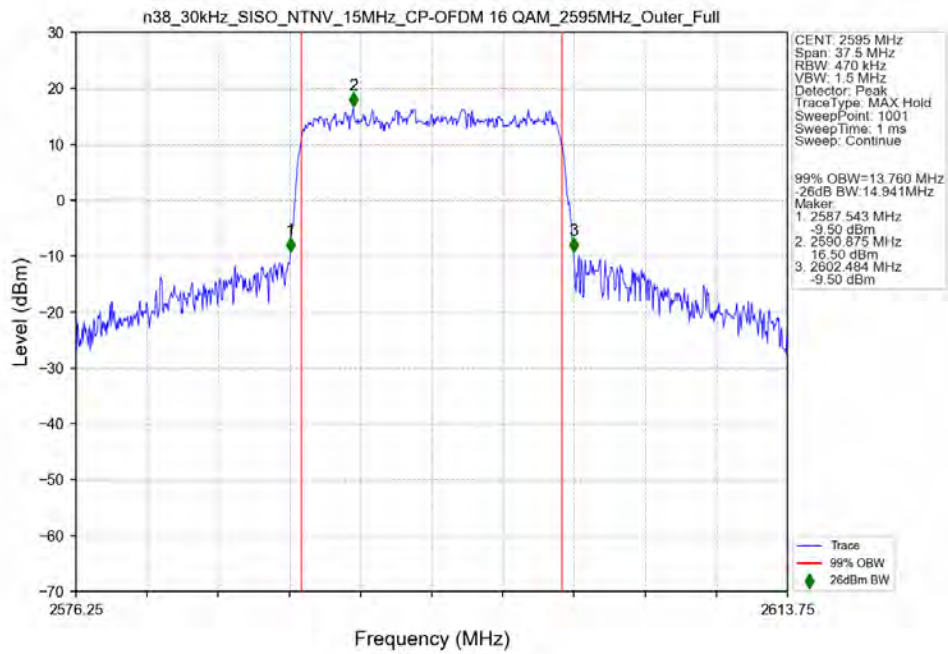
n38 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant11



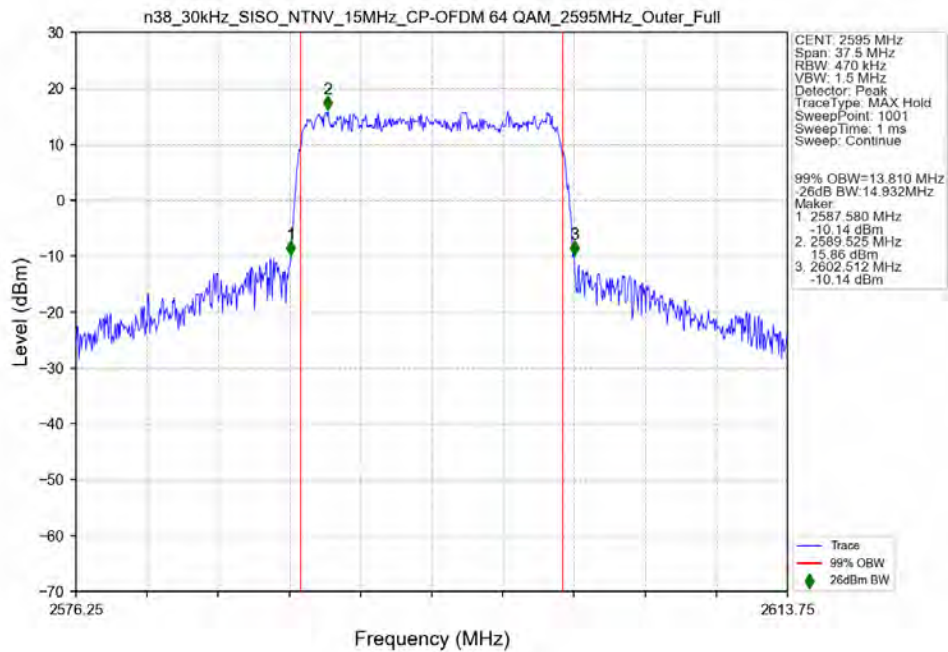
n38 30kHz SISO NTN 15MHz CP-OFDM QPSK 2595MHz Outer Full Ant11



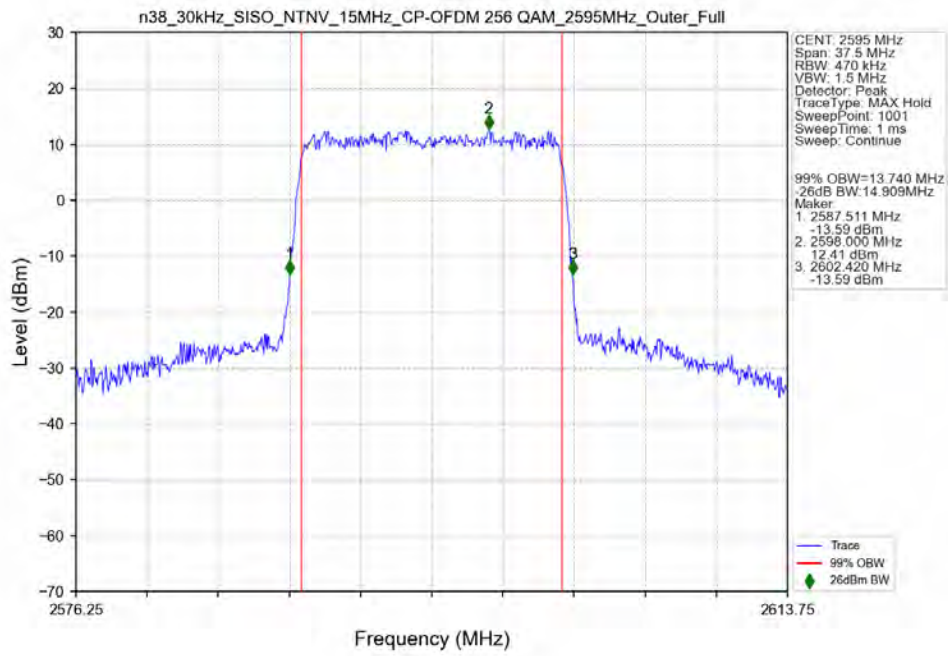
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



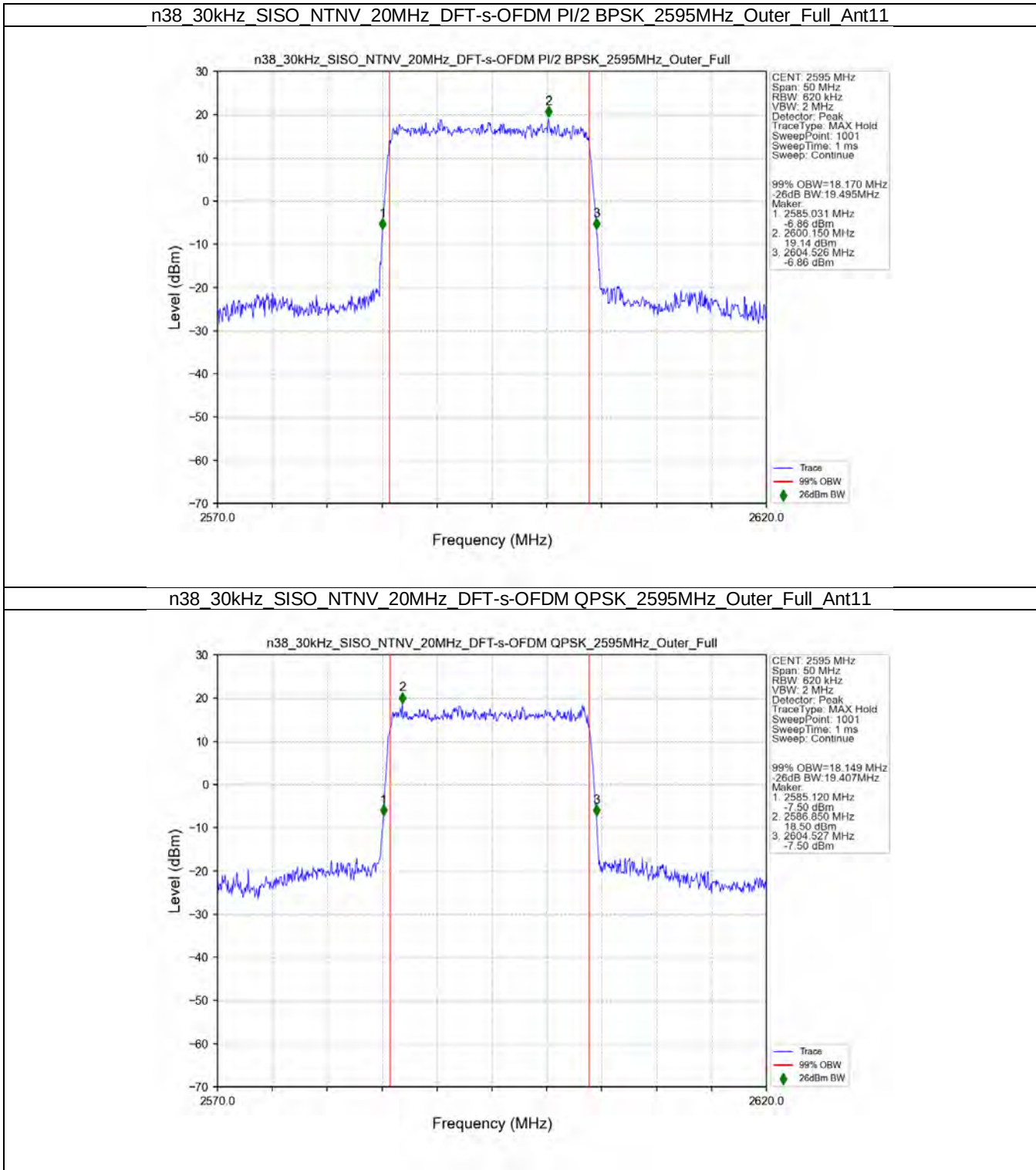
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



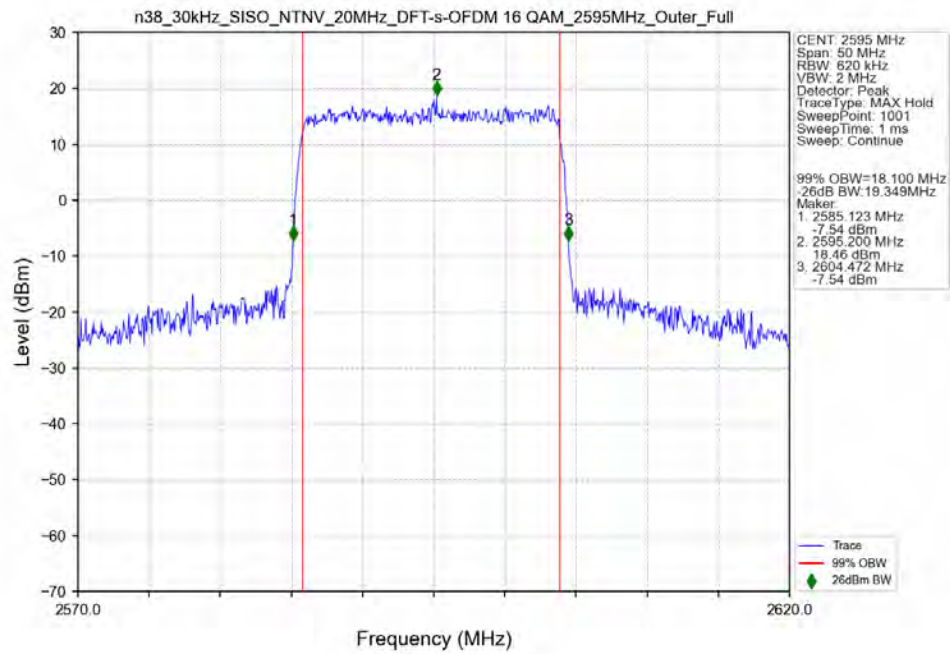
n38_30kHz_SISO_NTV_15MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant11



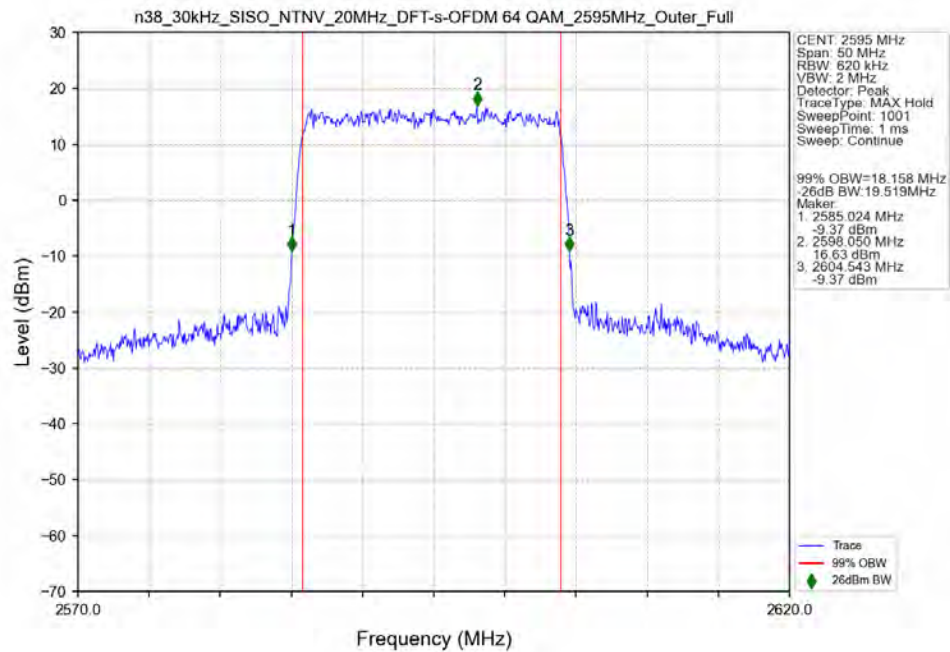
3.2.3 30k_SISO_20MHz_NTNV



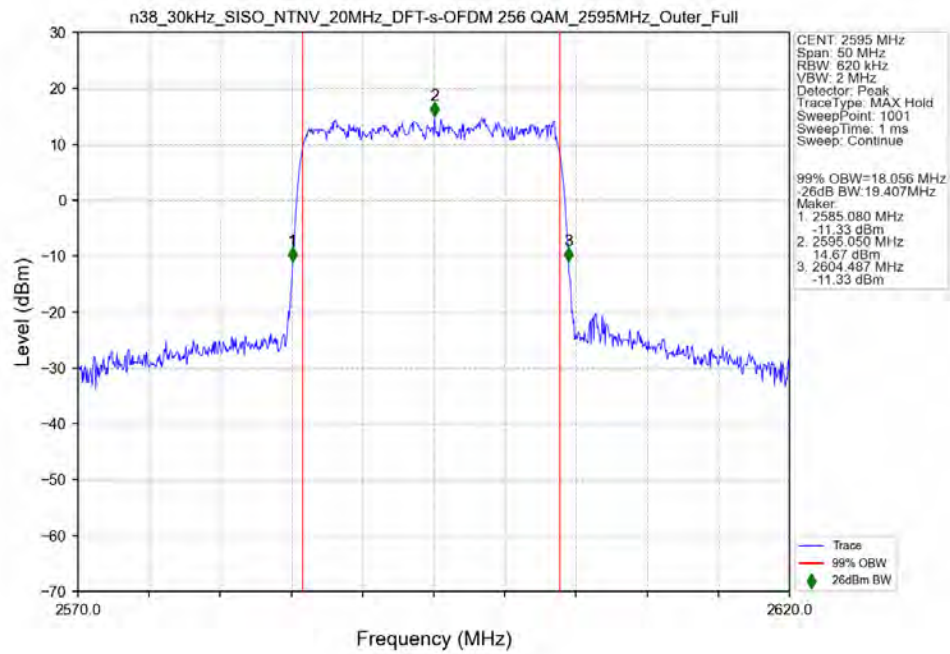
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



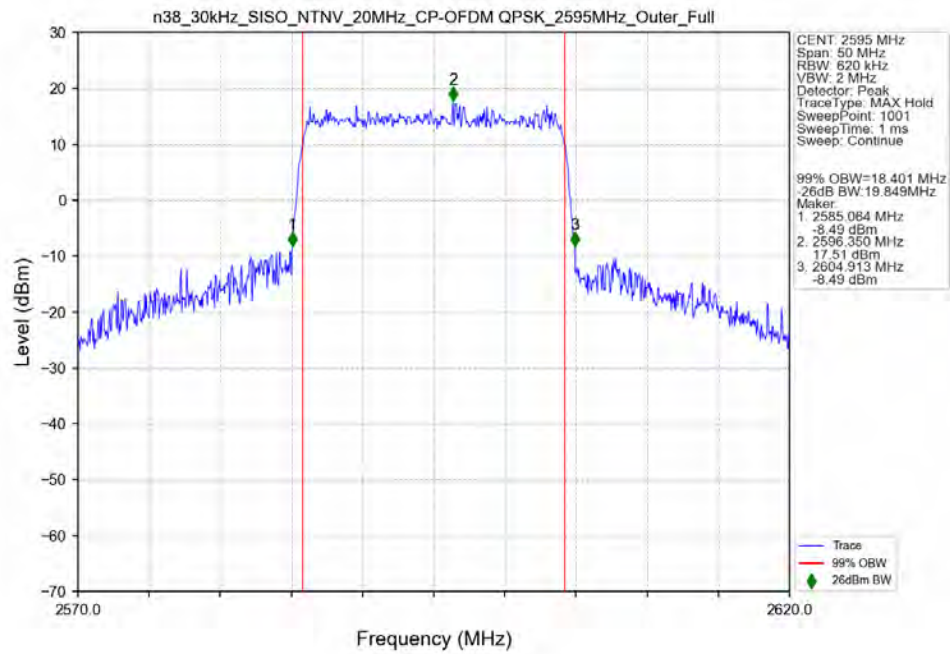
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



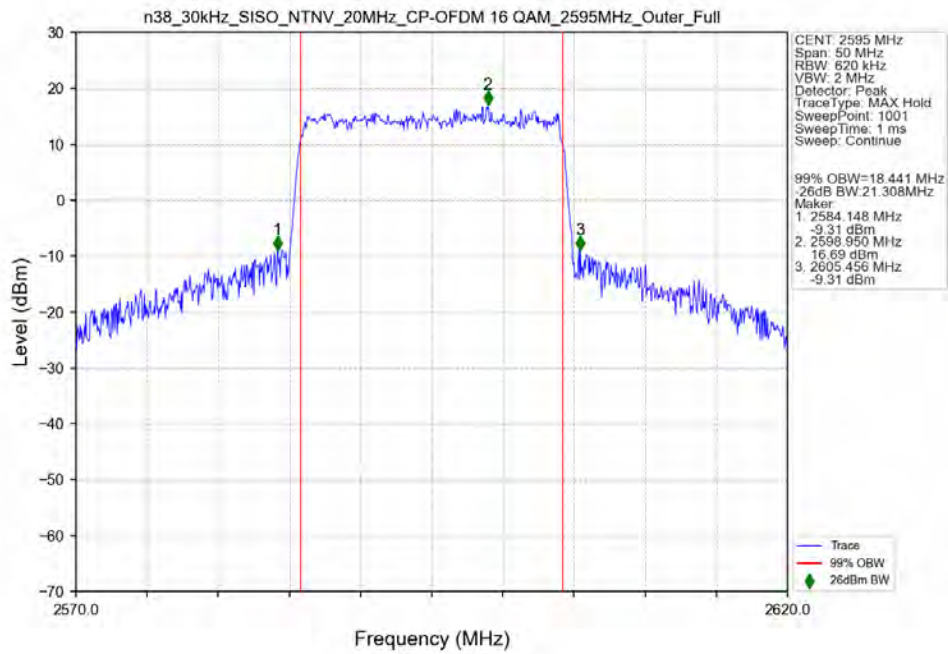
n38 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant11



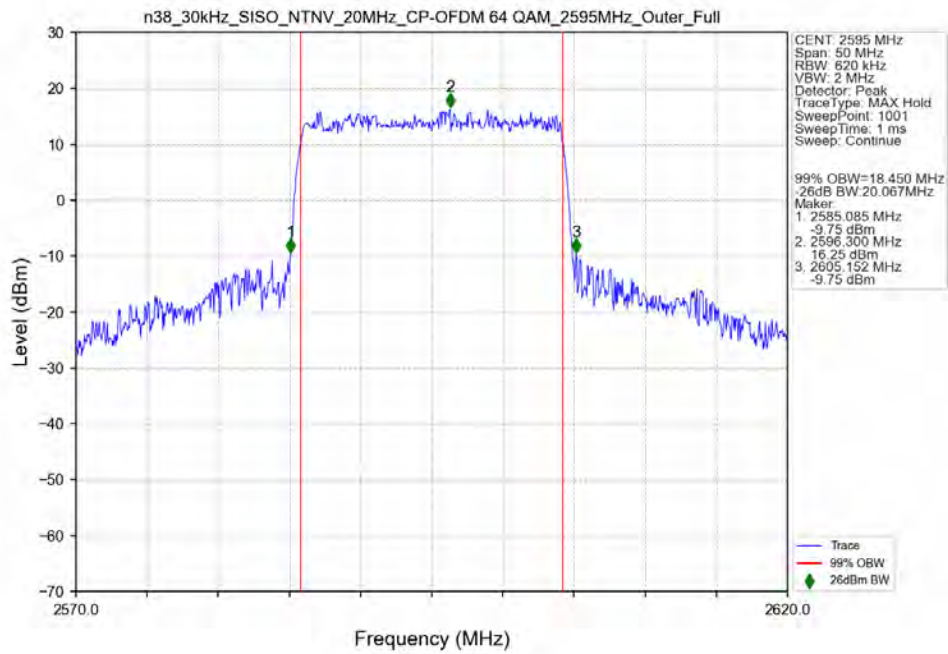
n38 30kHz SISO NTN 20MHz CP-OFDM QPSK 2595MHz Outer Full Ant11



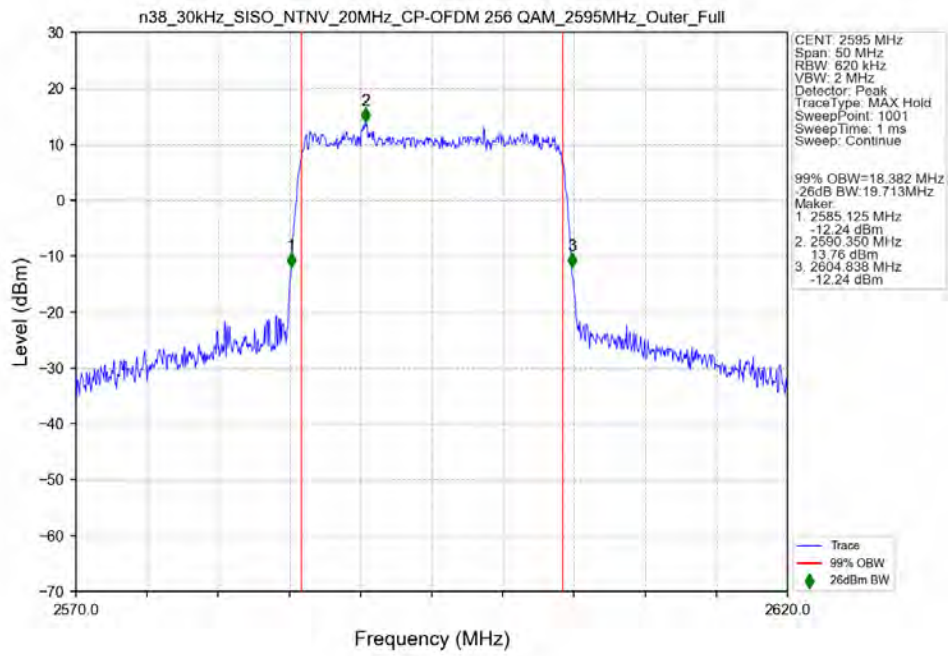
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



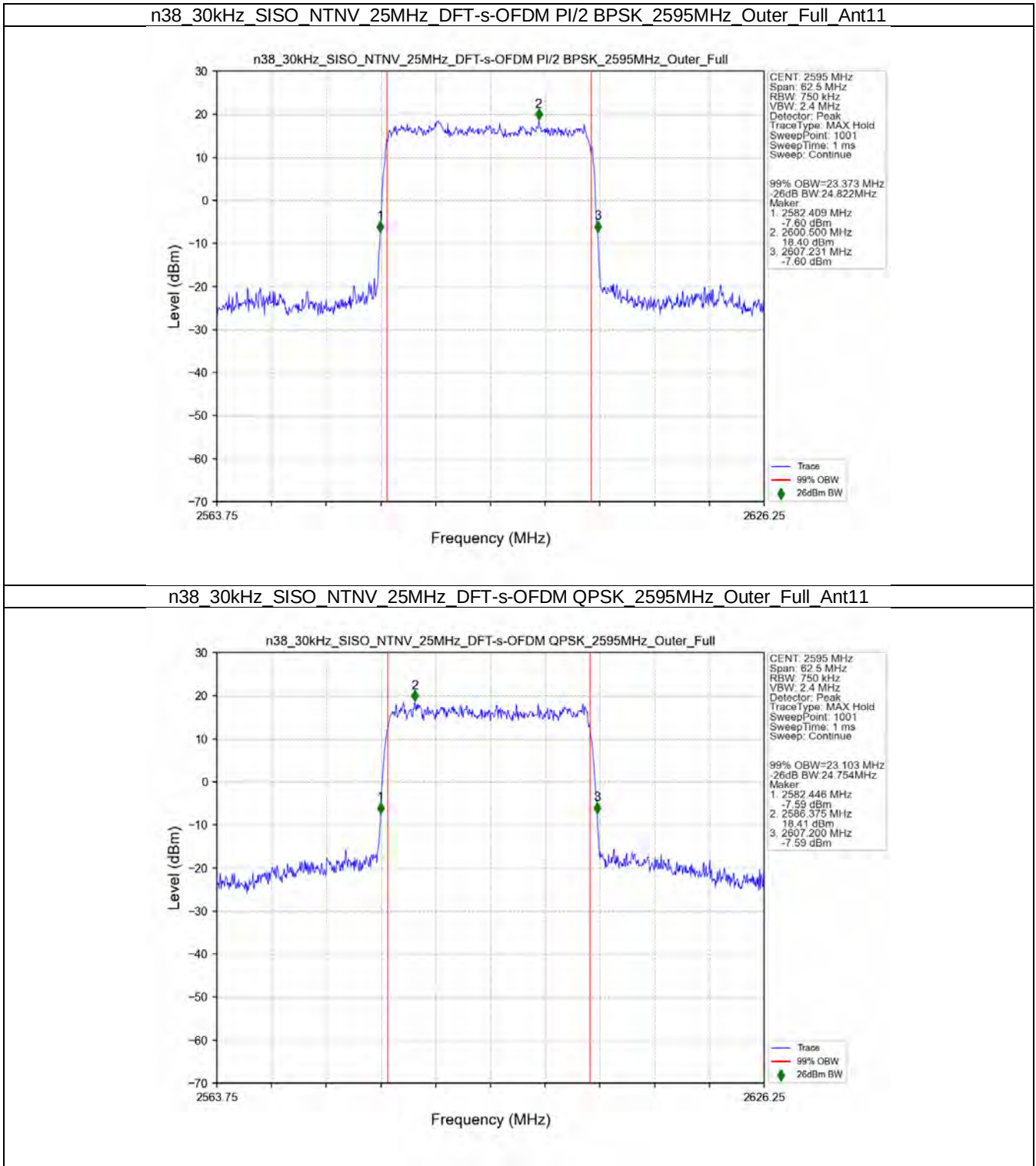
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



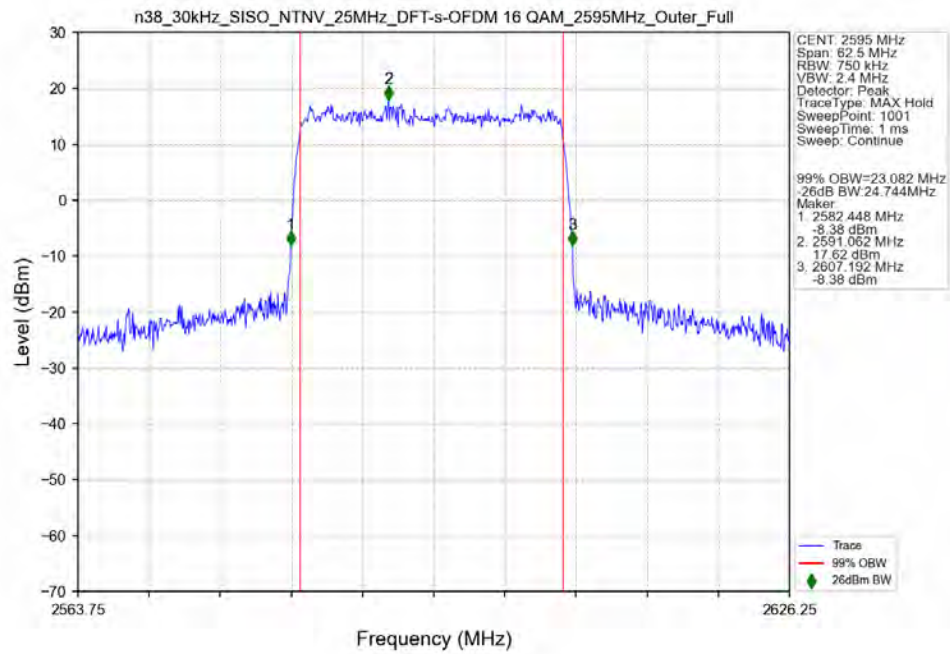
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant11



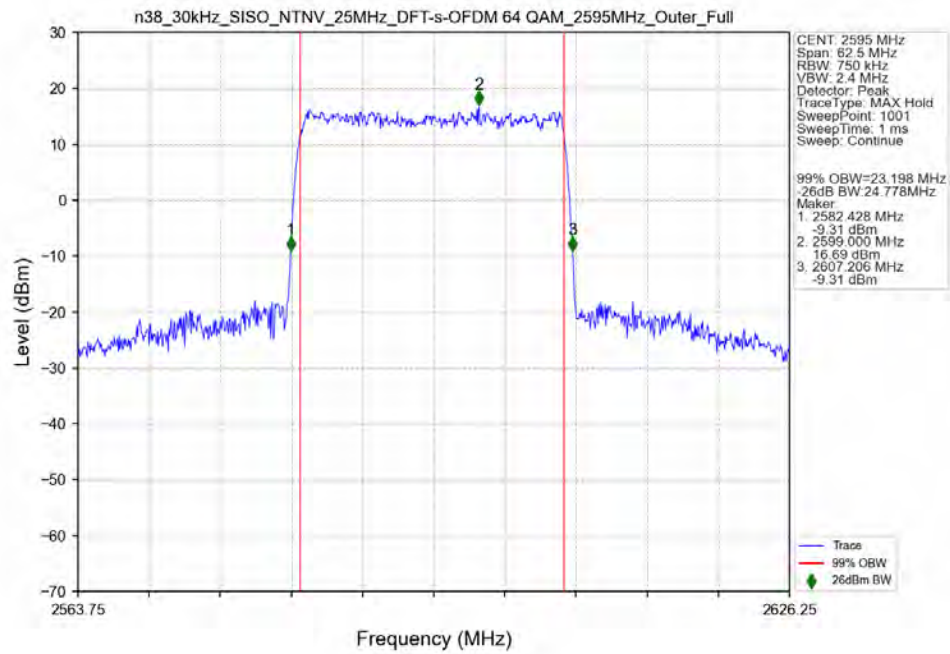
3.2.4 30k_SISO_25MHz_NTNV



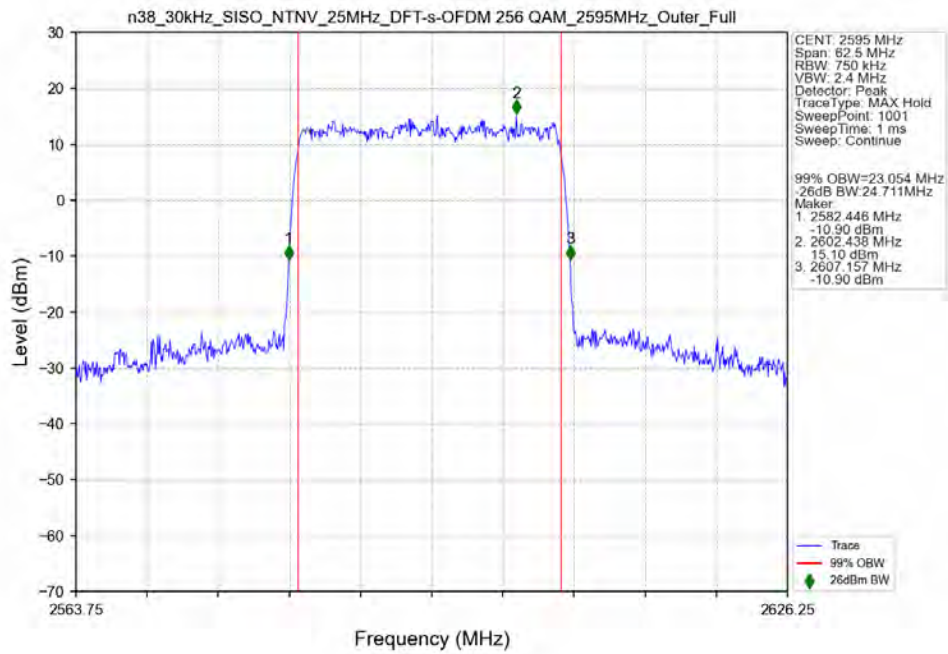
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



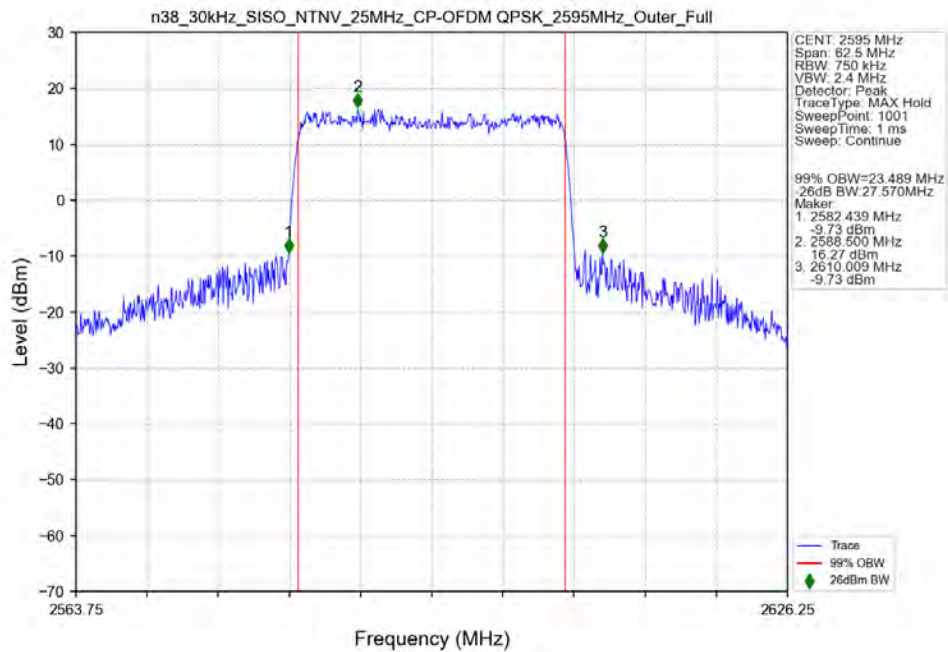
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



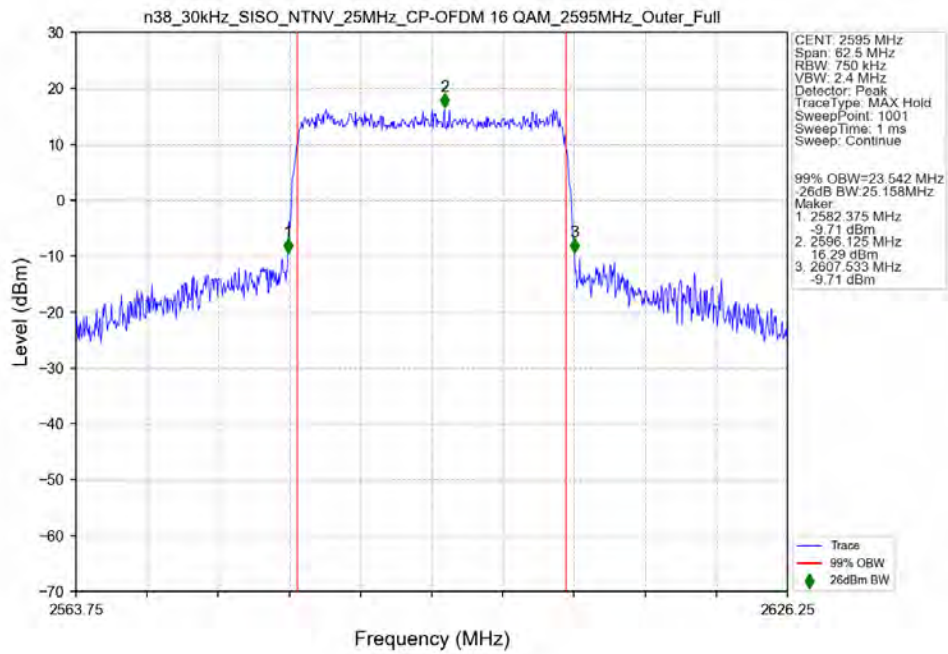
n38 30kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant11



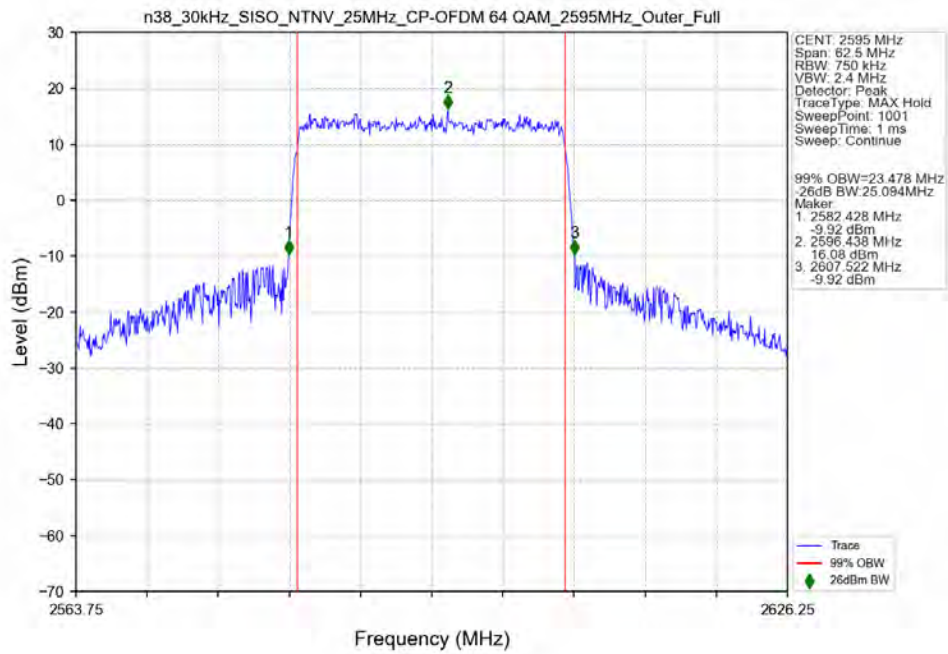
n38 30kHz SISO NTN 25MHz CP-OFDM QPSK 2595MHz Outer Full Ant11



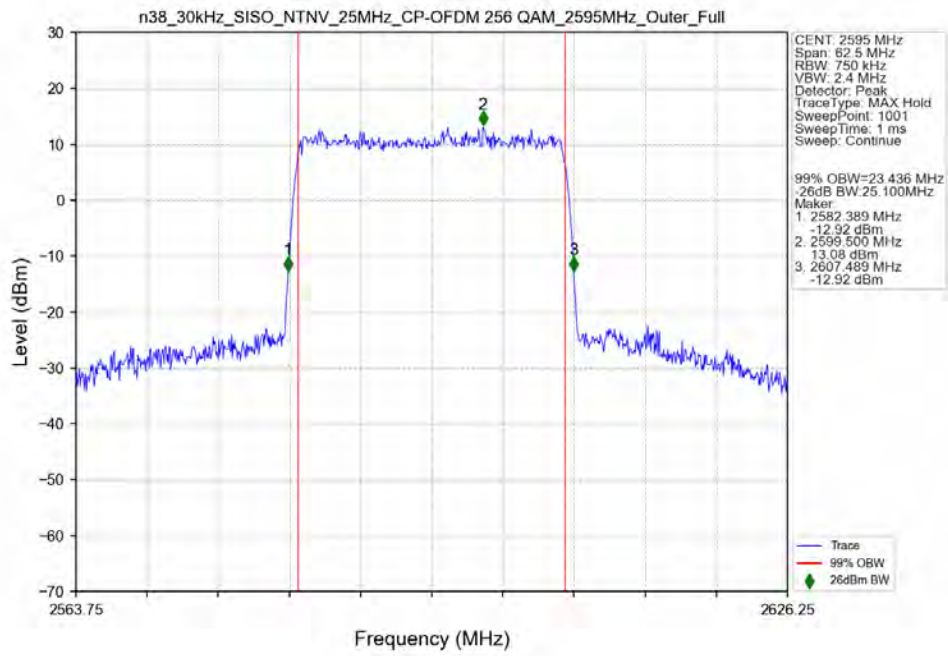
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



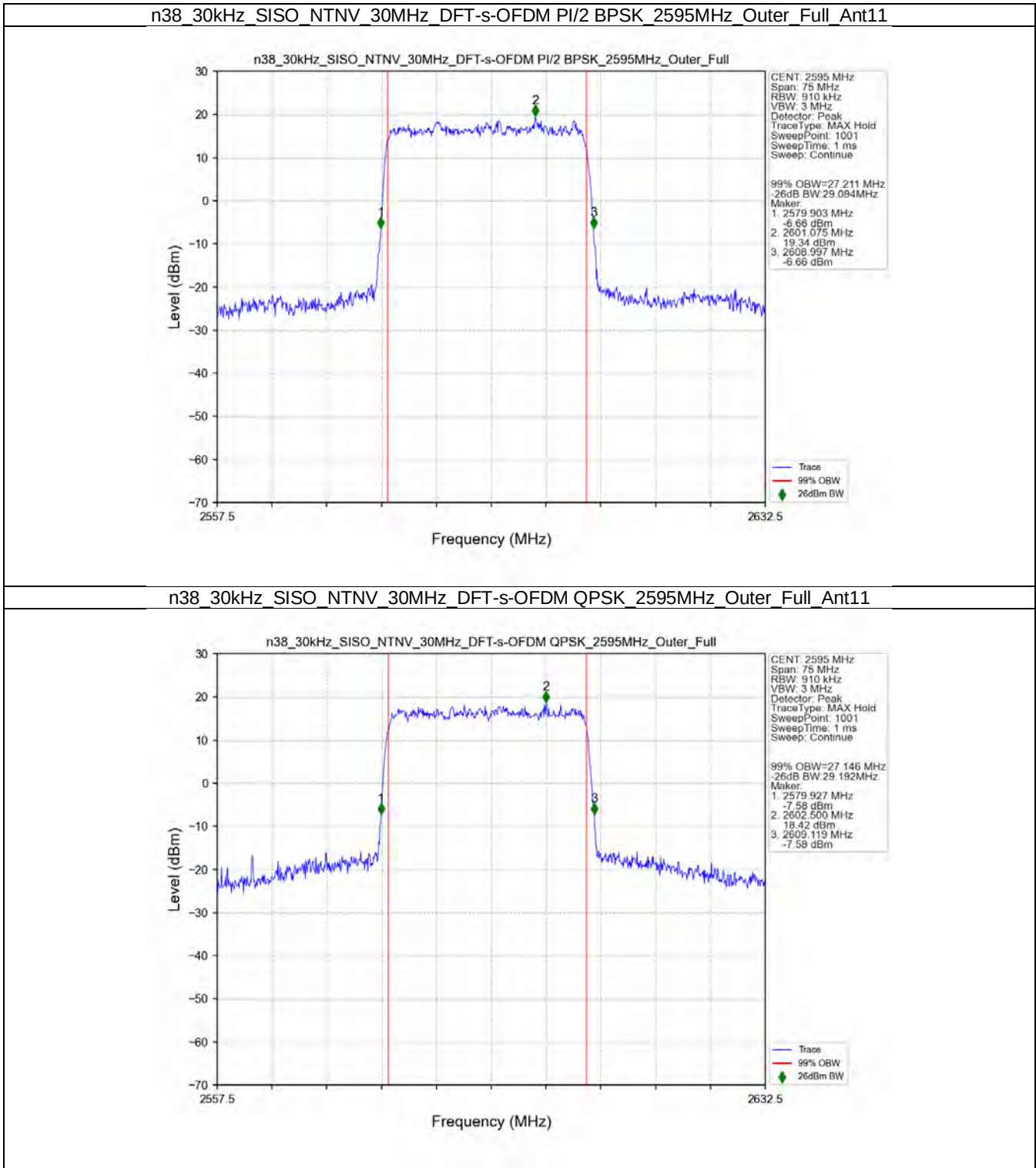
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



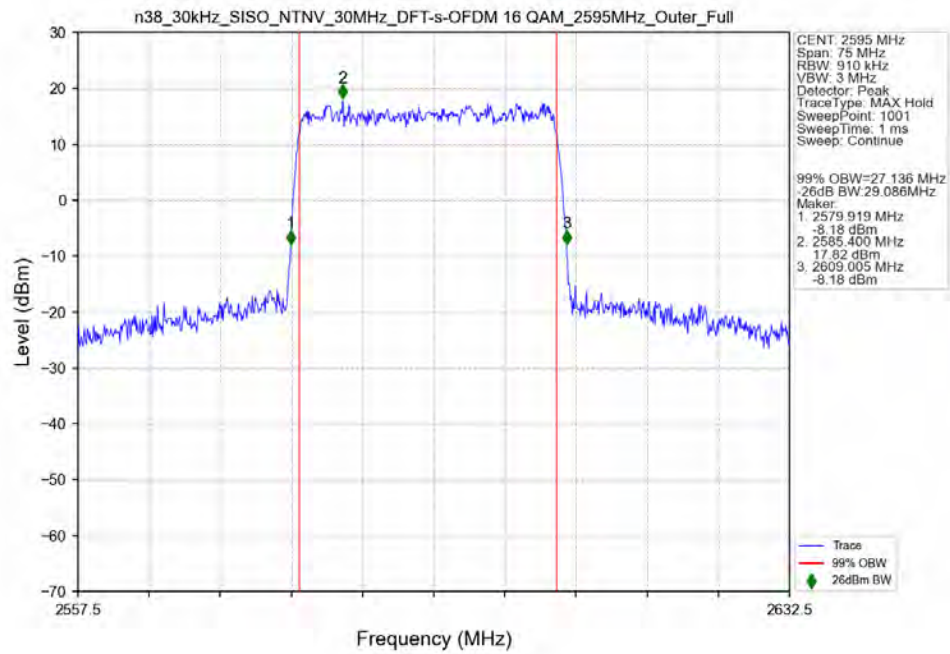
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant11



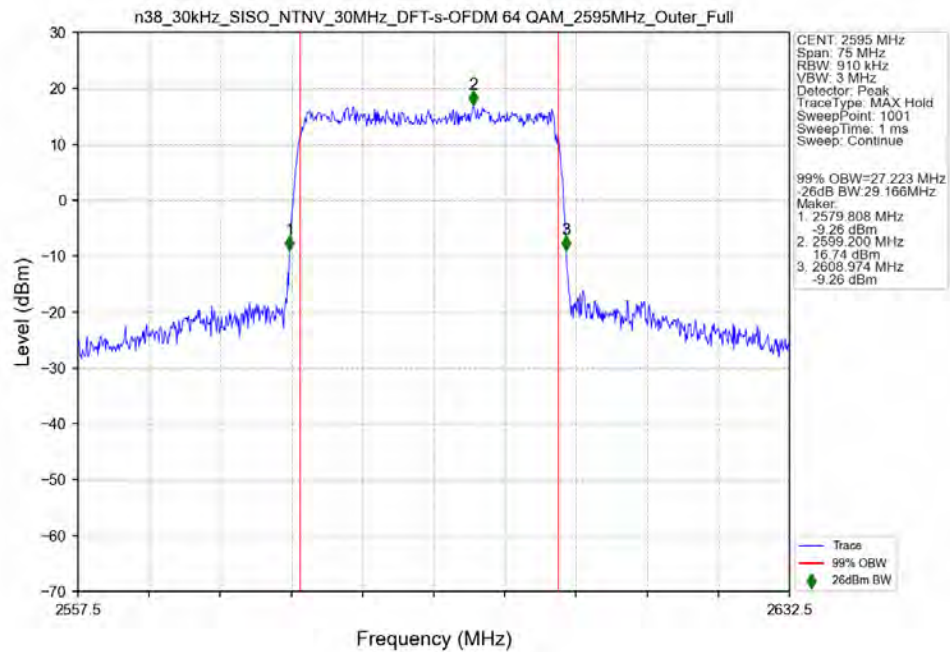
3.2.5 30k_SISO_30MHz_NTNV



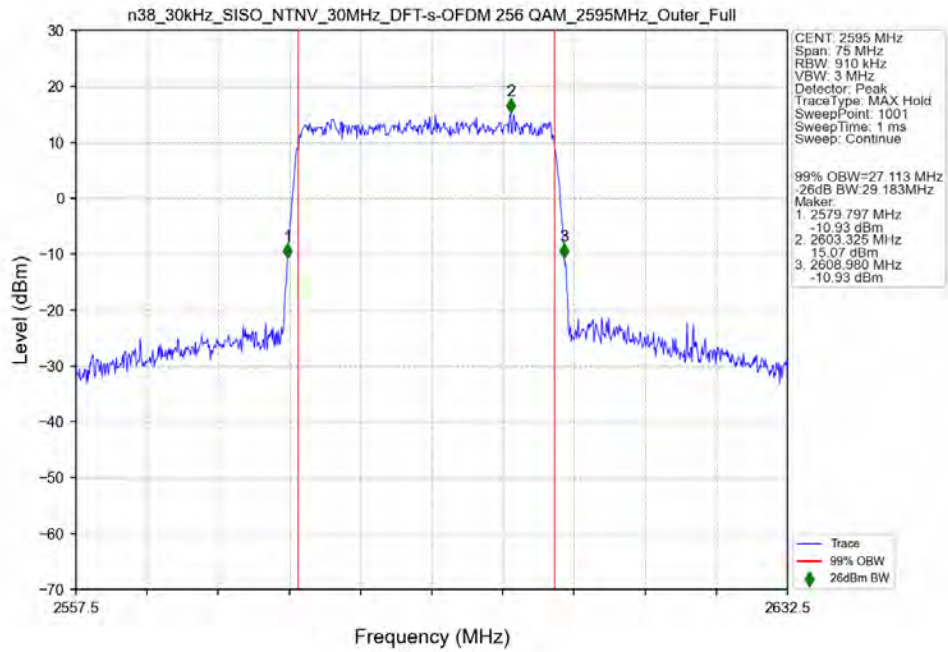
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



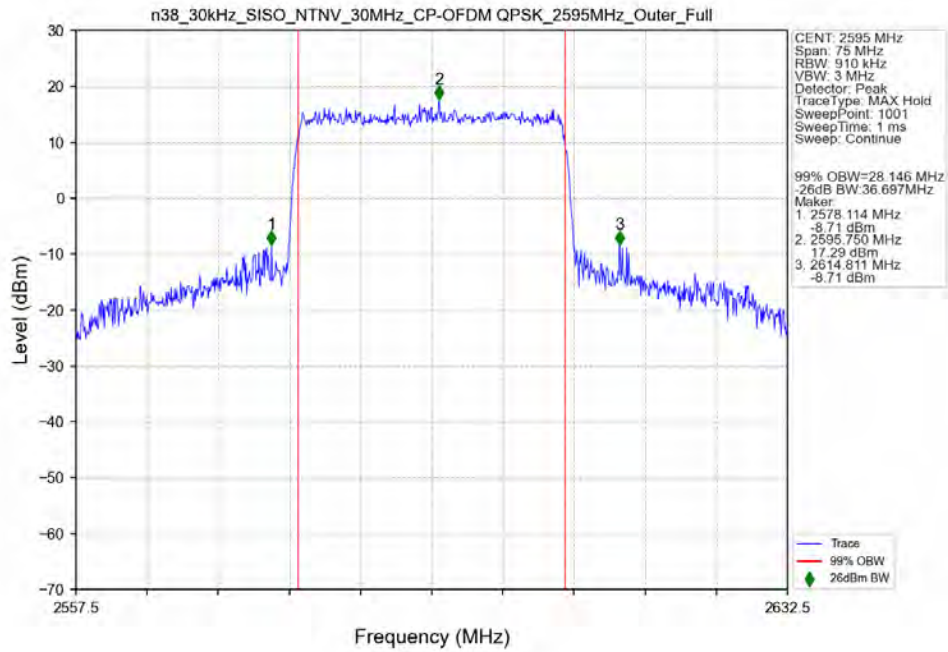
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



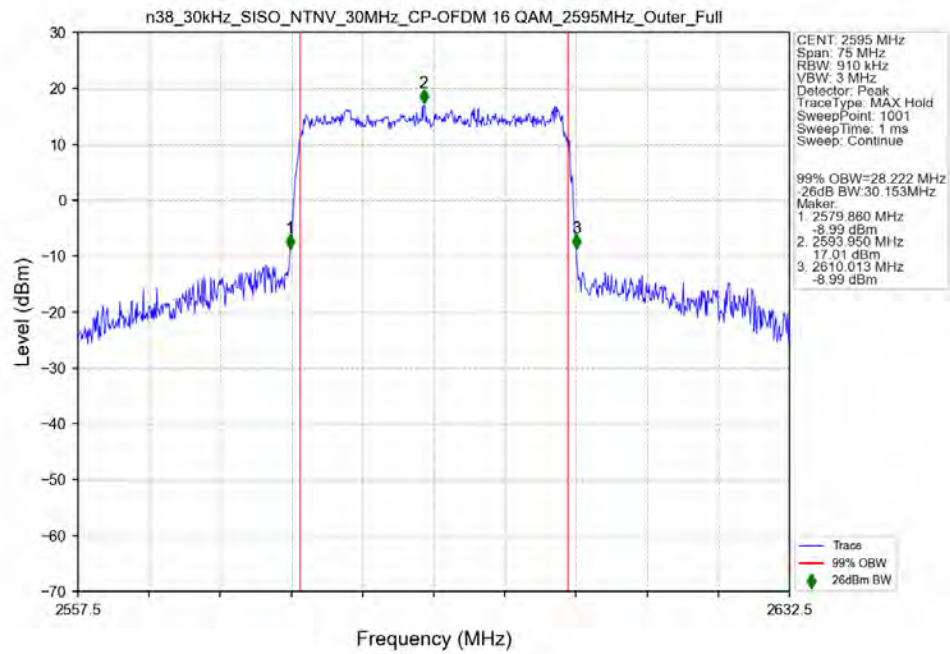
n38 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant11



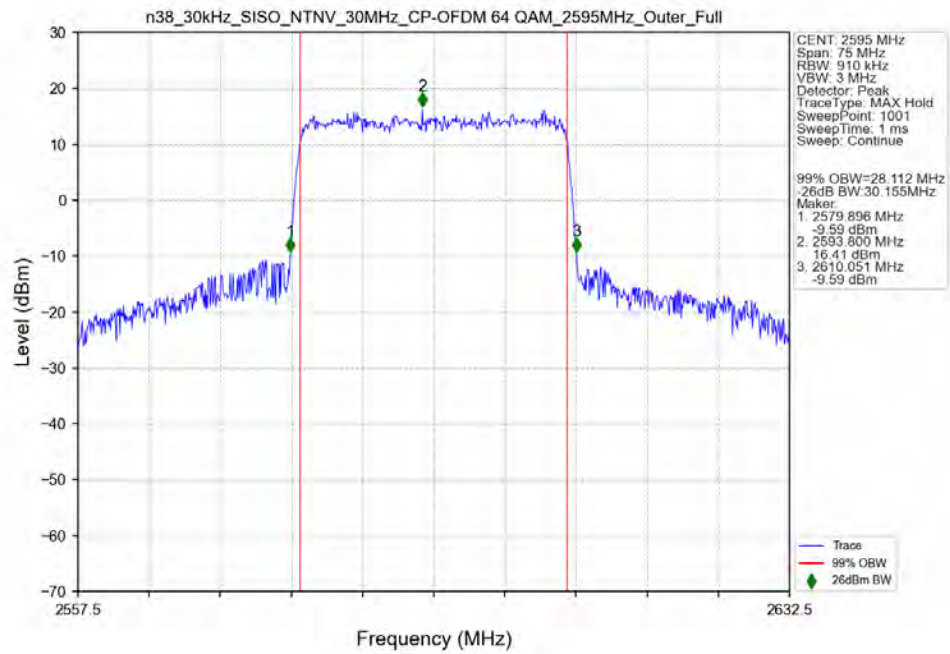
n38 30kHz SISO NTN 30MHz CP-OFDM QPSK 2595MHz Outer Full Ant11



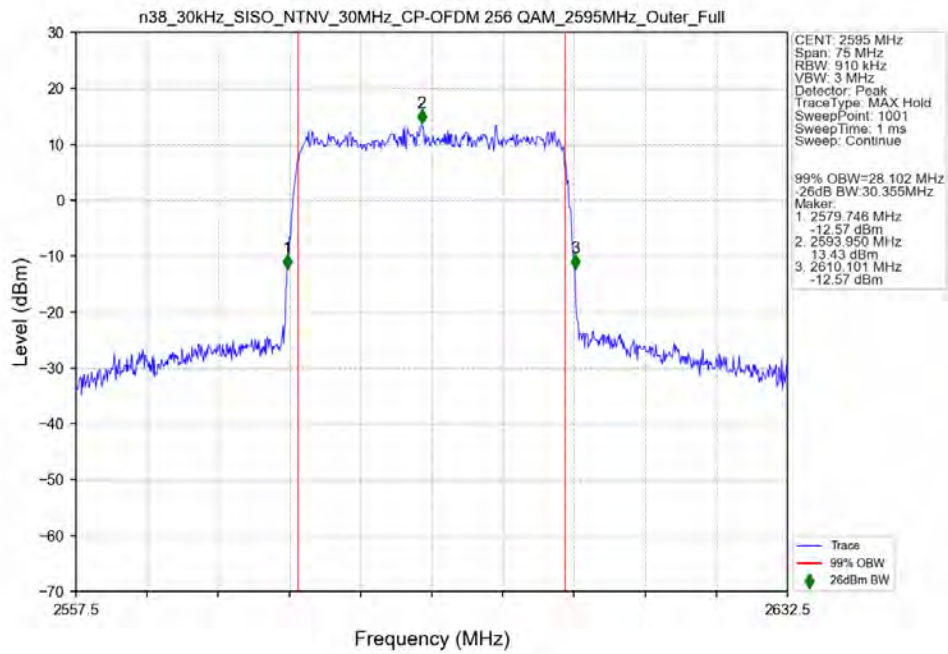
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



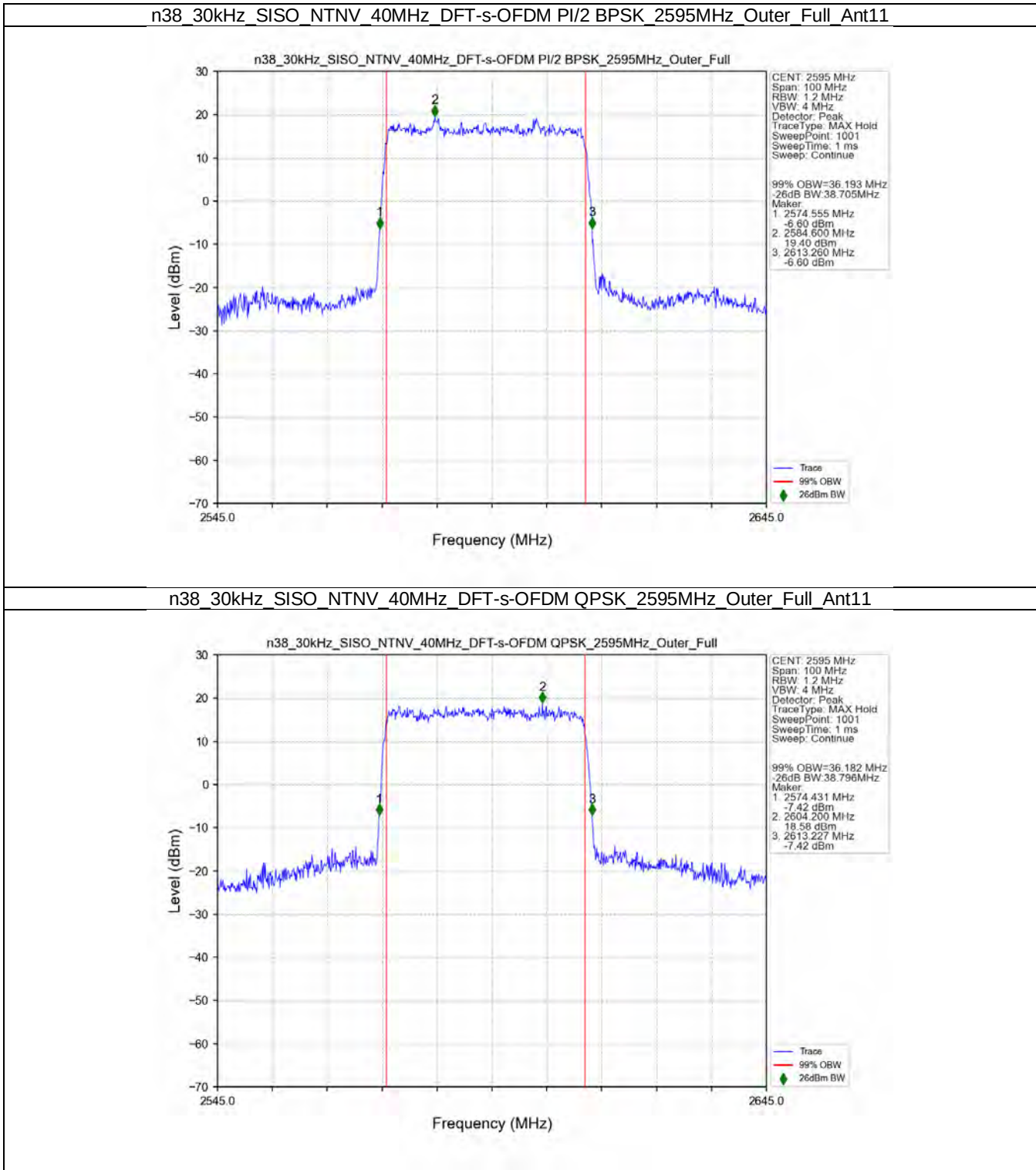
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



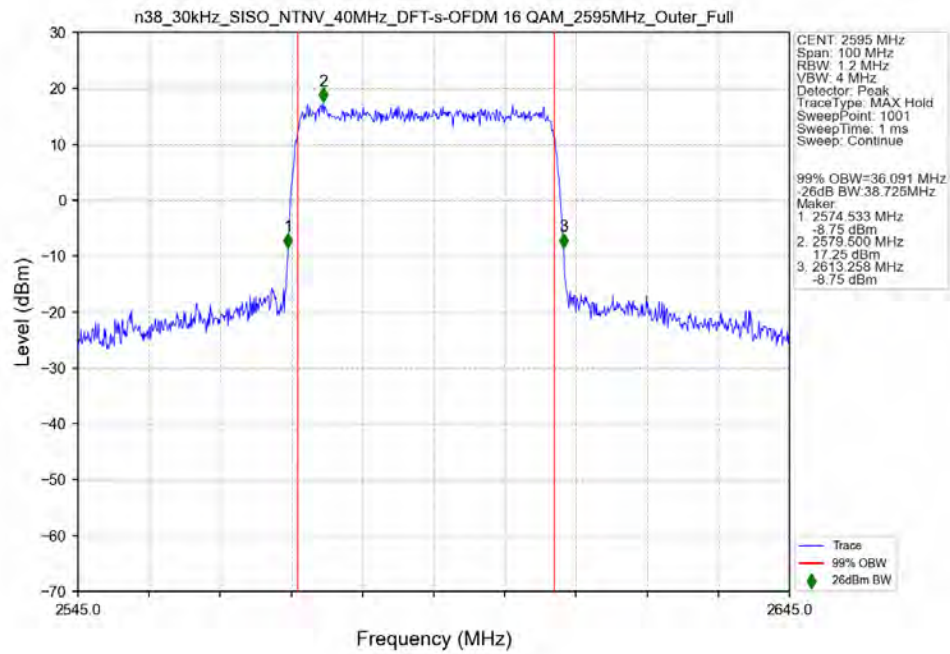
n38 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 2595MHz Outer Full Ant11



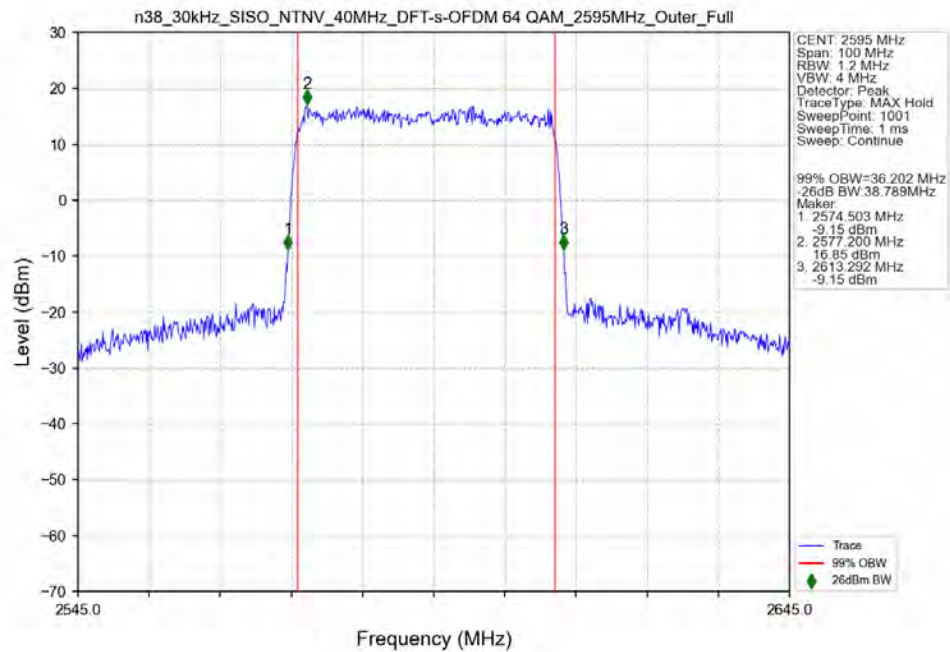
3.2.6 30k_SISO_40MHz_NTNV



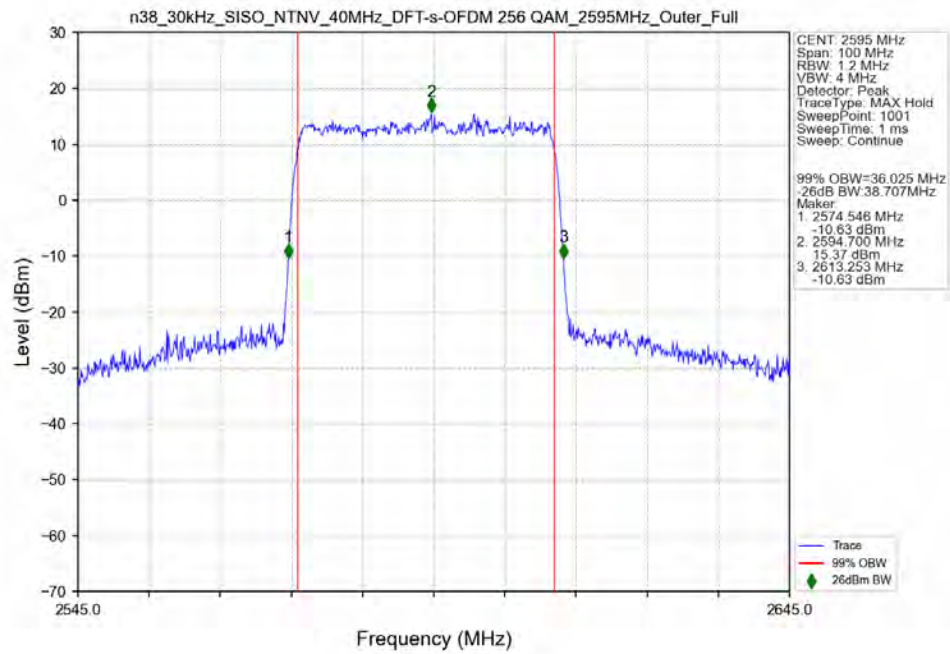
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



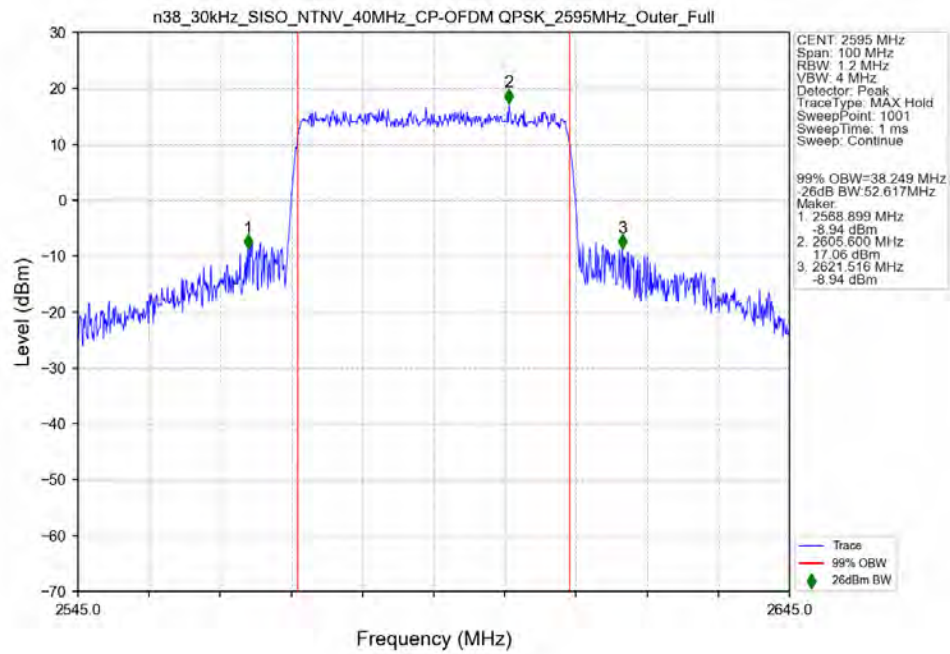
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



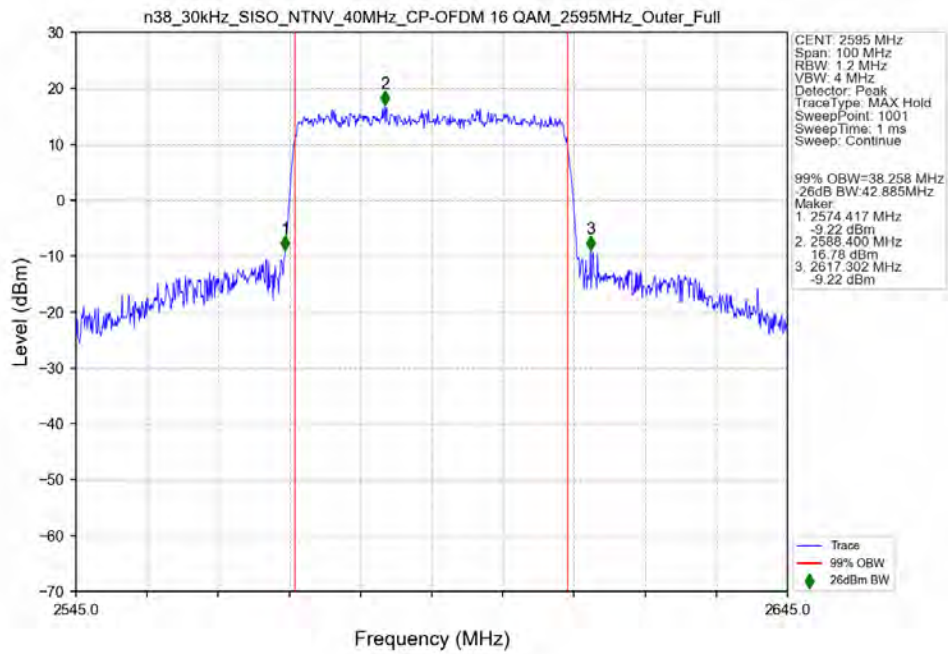
n38 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant11



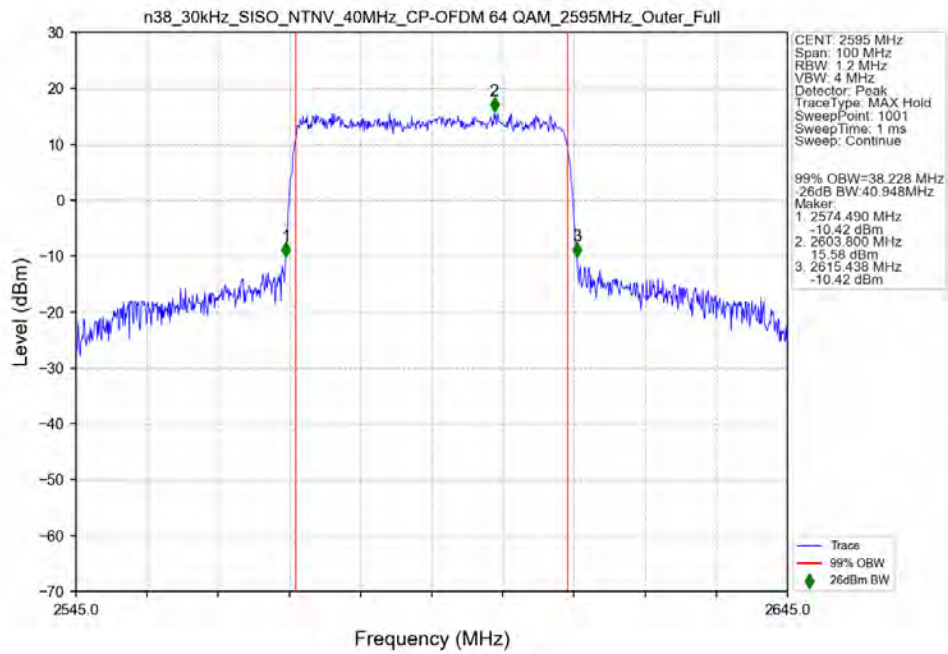
n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2595MHz Outer Full Ant11



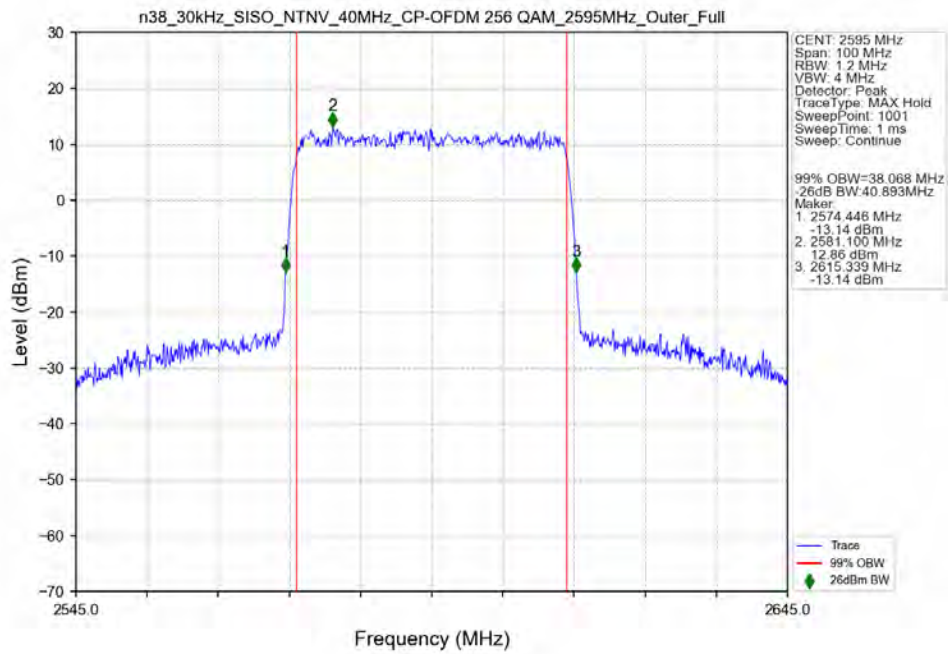
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant11



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant11



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant11



4. Peak-Average Ratio

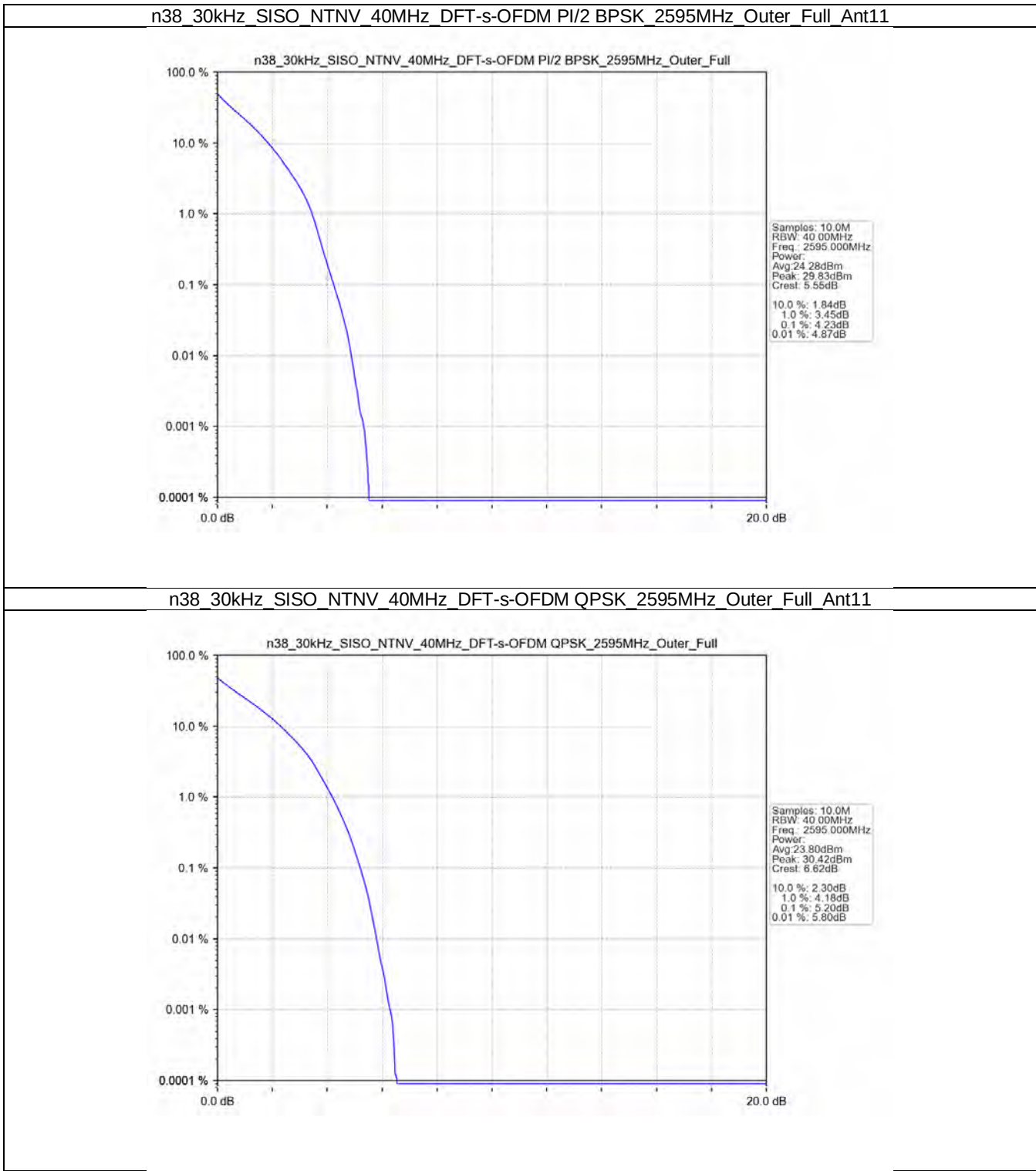
4.1 Test Result

4.1.1 30k_SISO_40MHz_NTNV

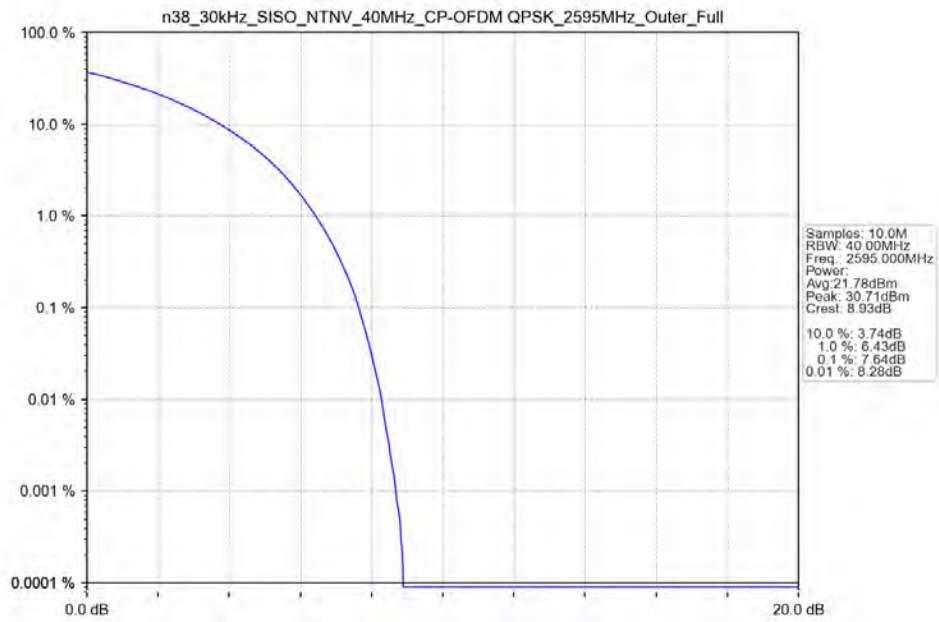
5G NR n38 SCS=30kHz SISO 40MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	4.23	/	/	<=13	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	5.20	/	/	<=13	Pass
CP-OFDM QPSK	2595	Outer_Full	7.64	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_40MHz_NTNV



n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2595MHz Outer Full Ant11



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n38 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2575	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2615	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2575	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2615	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2575	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2615	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 30k_SISO_25MHz_NTNV

5G NR n38 SCS=30kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2582.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2607.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2582.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2607.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2582.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2607.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

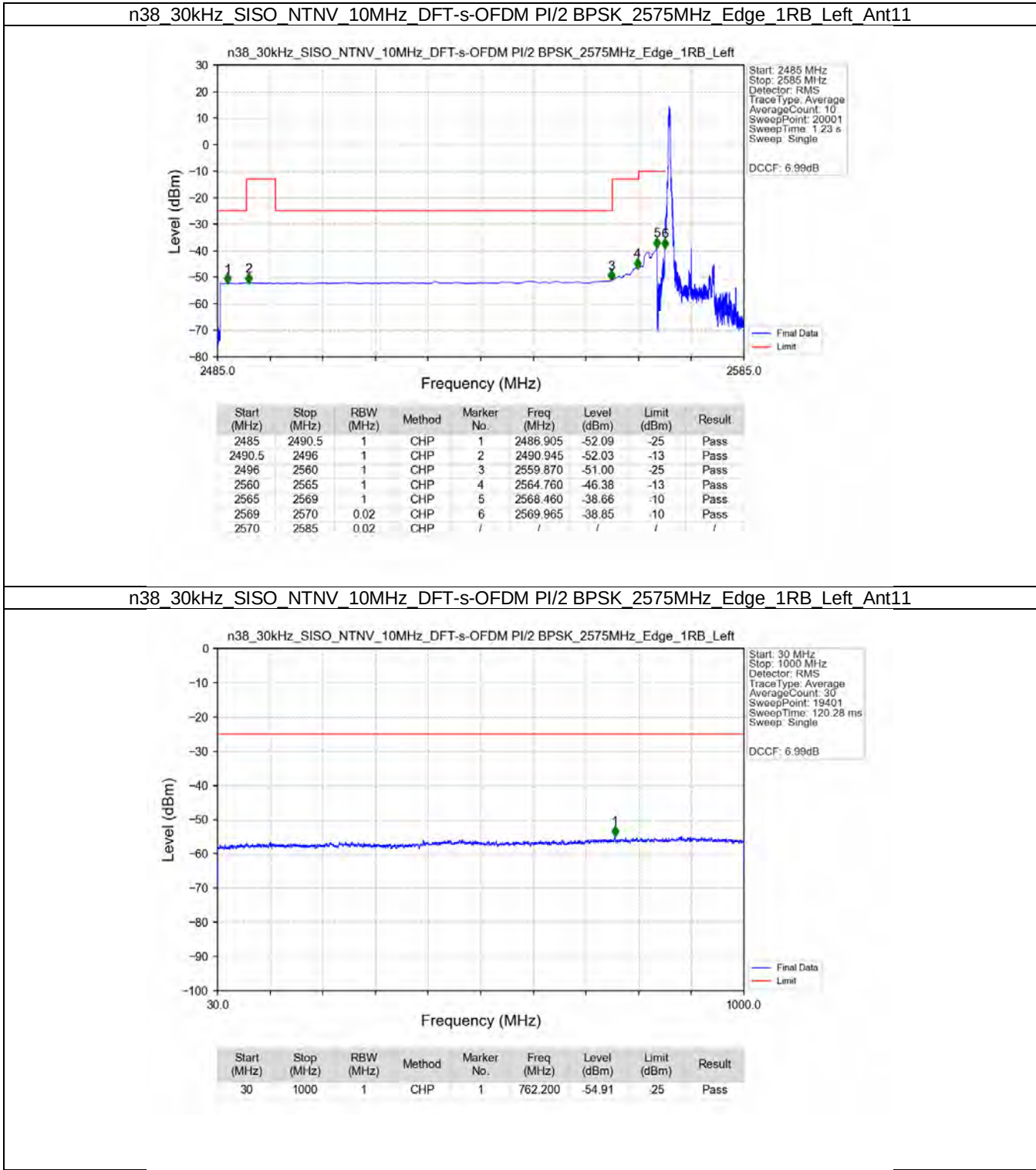
5.1.3 30k_SISO_40MHz_NTNV

5G NR n38 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2590	Edge 1RB Left	Refer To Test Graph				Pass

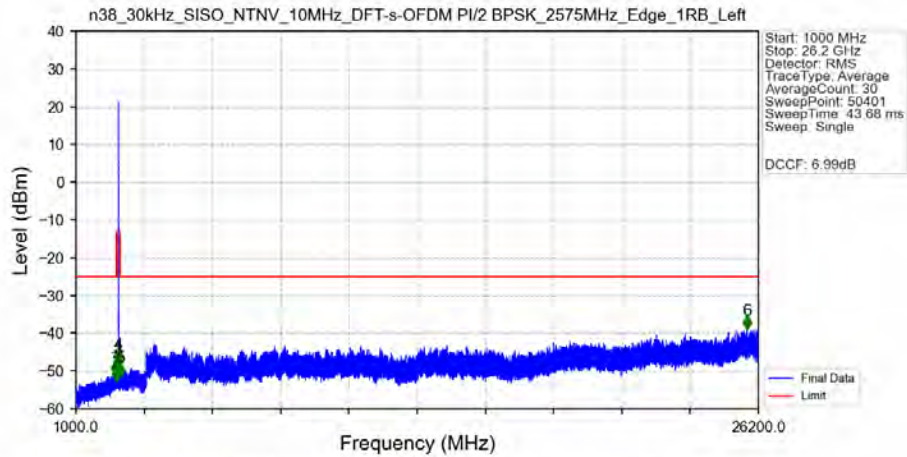
		Outer_Full	Refer To Test Graph	Pass
	2595	Edge_1RB_Left	Refer To Test Graph	Pass
	2600	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	2590	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2595	Edge_1RB_Left	Refer To Test Graph	Pass
	2600	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	2590	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2595	Edge_1RB_Left	Refer To Test Graph	Pass
	2600	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

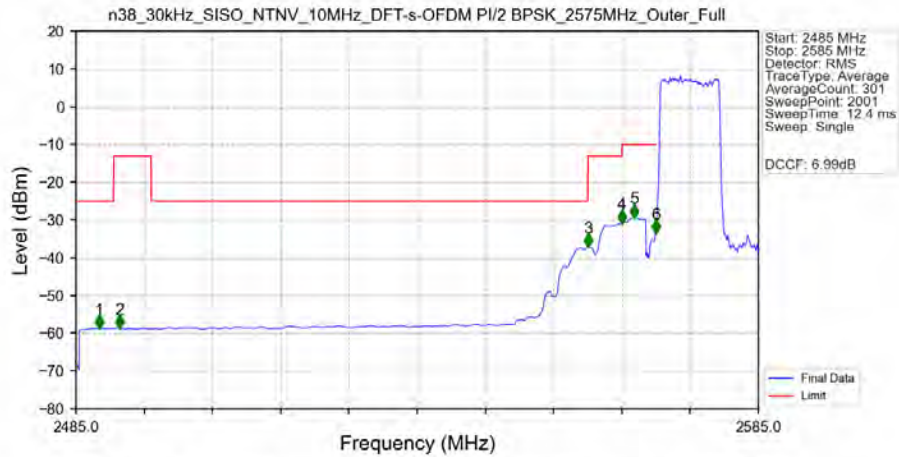


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left_Ant11



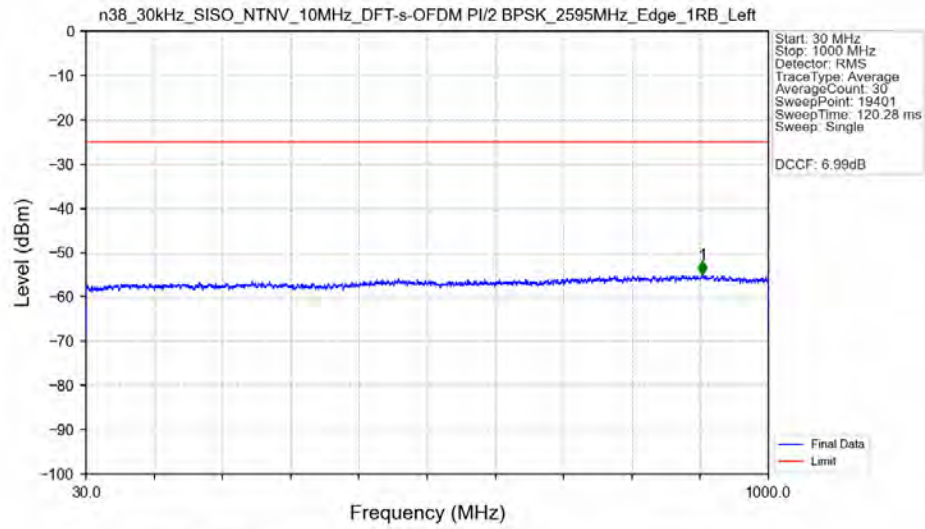
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2450.000	-50.72	-25	Pass
2490.5	2496	1	/	2	2493.500	-52.29	-13	Pass
2496	2560	1	/	3	2545.500	-49.19	-25	Pass
2560	2565	1	/	4	2564.000	-47.77	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2626.500	-51.22	13	Pass
2630	26200	1	/	6	25780.000	-38.68	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Outer_Full_Ant11

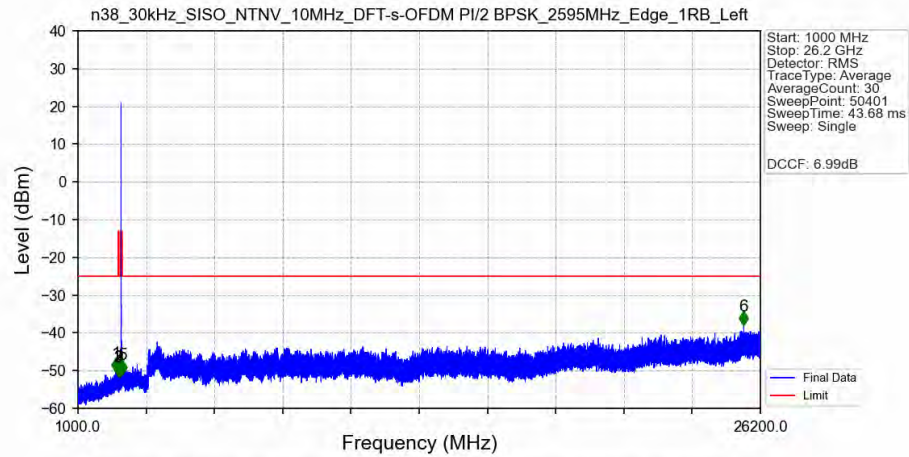


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.400	-58.59	-25	Pass
2490.5	2496	1	CHP	2	2491.350	-58.54	-13	Pass
2496	2560	1	CHP	3	2560.000	-36.99	-25	Pass
2560	2565	1	CHP	4	2565.000	-30.66	-13	Pass
2565	2569	1	CHP	5	2566.800	-29.18	-10	Pass
2569	2570	0.192	CHP	6	2569.950	-33.25	-10	Pass
2570	2585	0.192	CHP	/	/	/	/	/

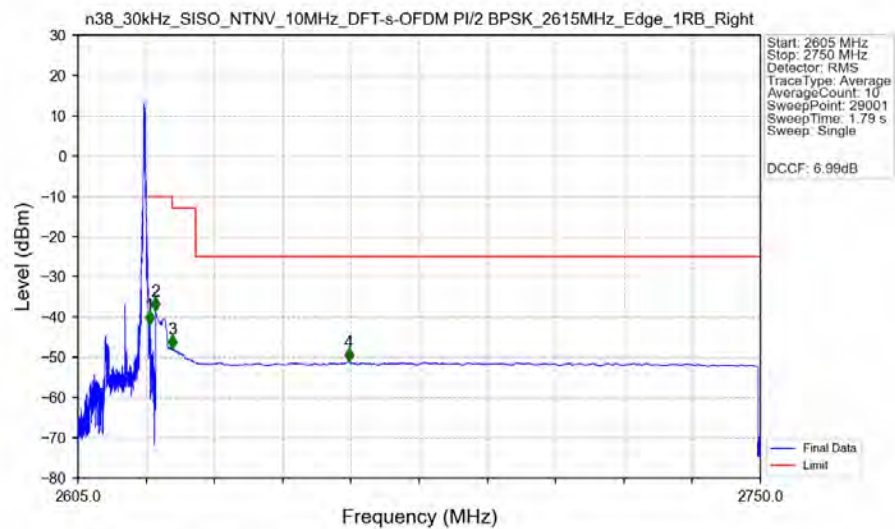
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant11



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant11

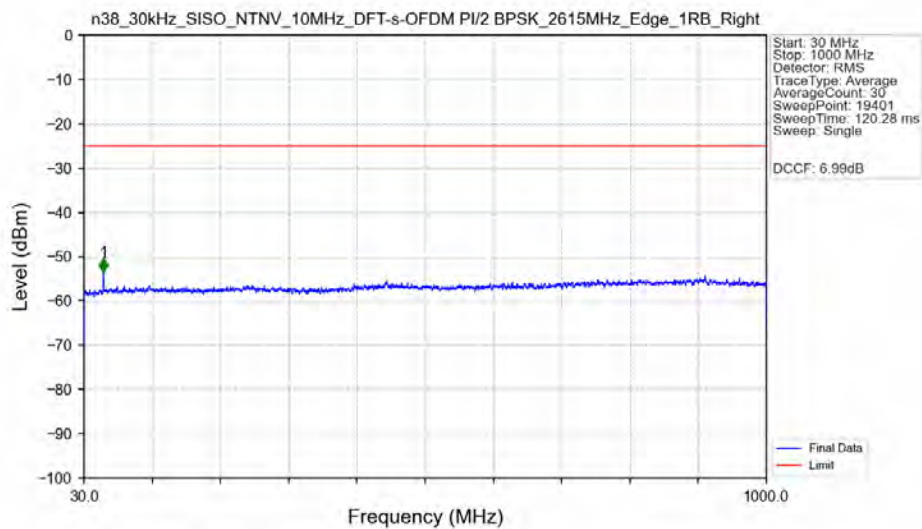


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant11



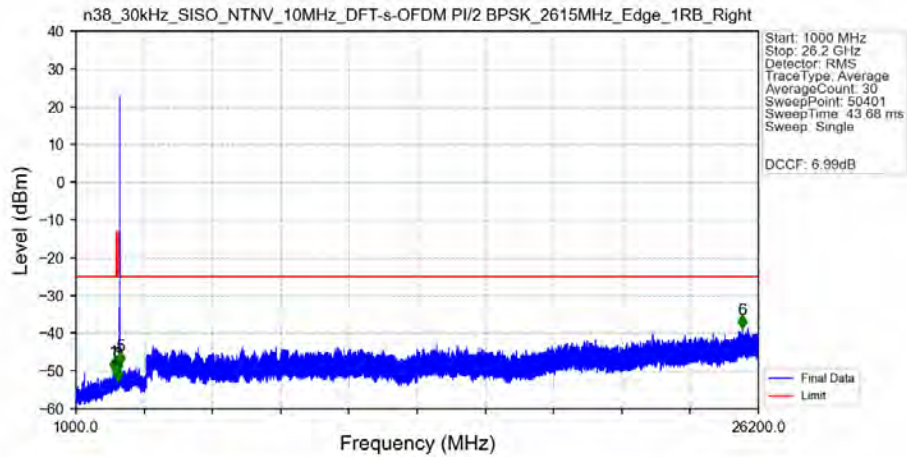
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.185	-41.90	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.56	-10	Pass
2625	2630	1	CHP	3	2625.005	-47.92	-13	Pass
2630	2750	1	CHP	4	2662.550	-51.18	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant11



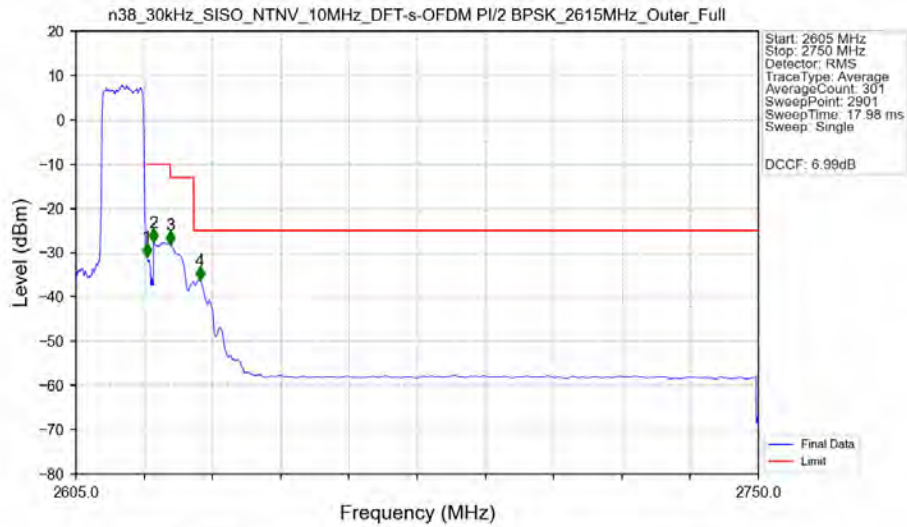
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	57.600	-53.50	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant11



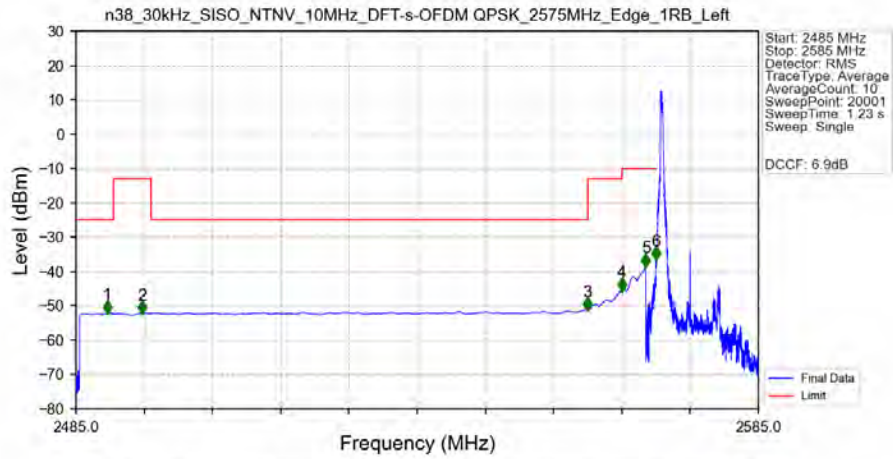
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2394.500	-49.74	-25	Pass
2490.5	2496	1	/	2	2495.000	-51.26	-13	Pass
2496	2560	1	/	3	2556.500	-50.02	-25	Pass
2560	2565	1	/	4	2563.000	-52.36	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2625.500	-48.19	13	Pass
2630	26200	1	/	6	25612.000	-38.54	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Outer_Full_Ant11

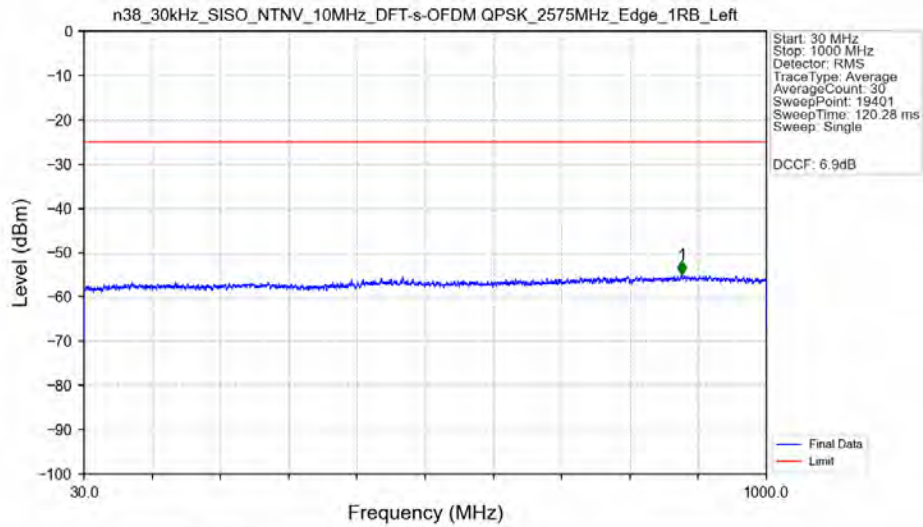


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.228	CHP	/	/	/	/	/
2620	2621	0.228	CHP	1	2620.050	-30.90	-10	Pass
2621	2625	1	CHP	2	2621.500	-27.63	-10	Pass
2625	2630	1	CHP	3	2625.050	-28.16	-13	Pass
2630	2750	1	CHP	4	2631.350	-36.24	-25	Pass

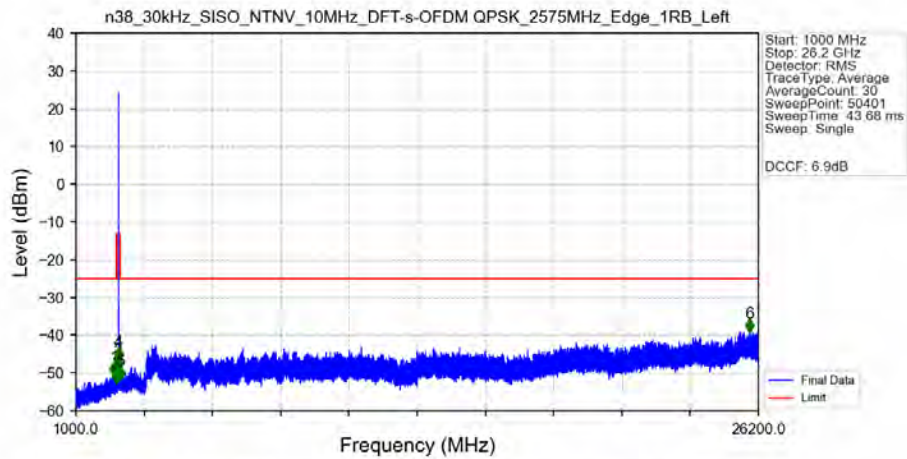
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant11



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant11

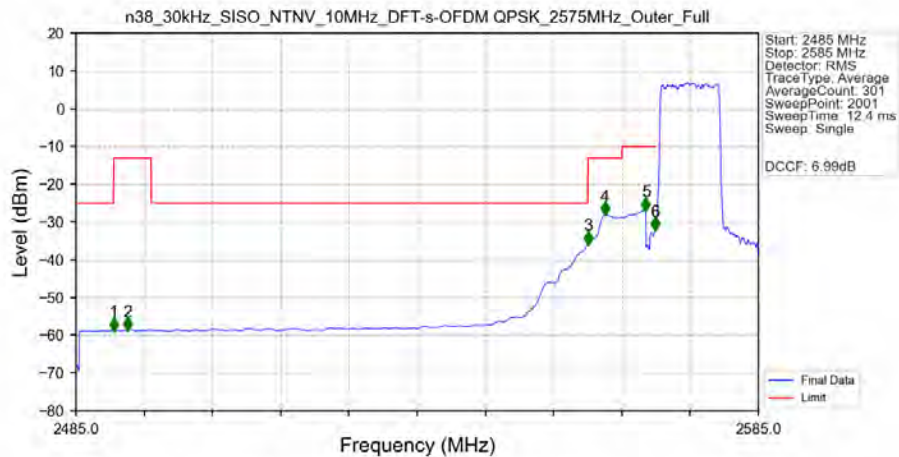


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant11



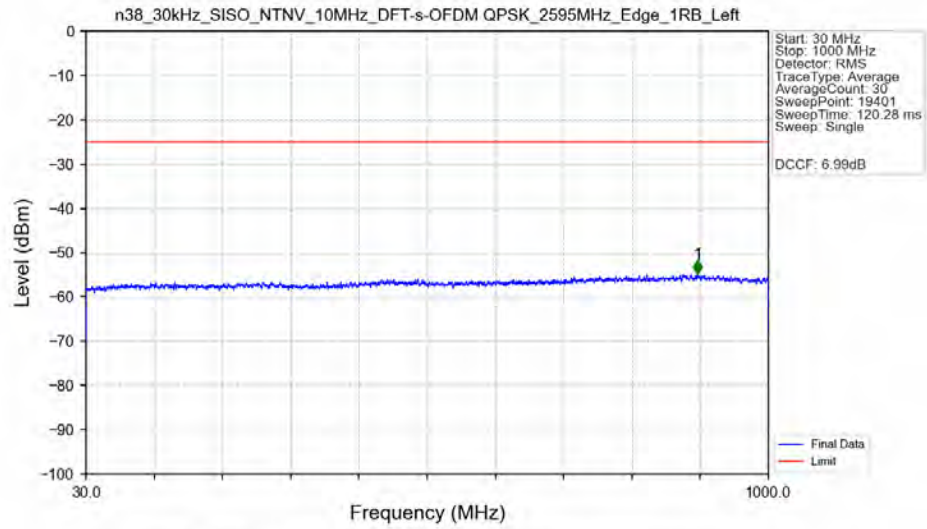
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2408.500	-50.57	-25	Pass
2490.5	2496	1	/	2	2491.500	-52.33	-13	Pass
2496	2560	1	/	3	2559.000	-48.86	-25	Pass
2560	2565	1	/	4	2564.500	-46.55	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2627.000	-51.61	13	Pass
2630	26200	1	/	6	25882.500	-38.99	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Outer_Full_Ant11



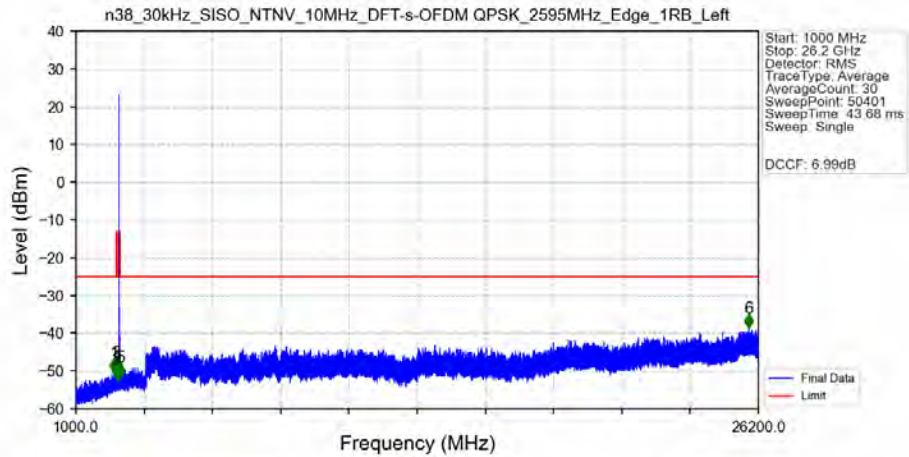
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-58.63	-25	Pass
2490.5	2496	1	CHP	2	2492.550	-58.48	-13	Pass
2496	2560	1	CHP	3	2560.000	-35.77	-25	Pass
2560	2565	1	CHP	4	2562.500	-27.96	-13	Pass
2565	2569	1	CHP	5	2568.500	-26.82	-10	Pass
2569	2570	0.191	CHP	6	2569.850	-32.04	-10	Pass
2570	2585	0.191	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



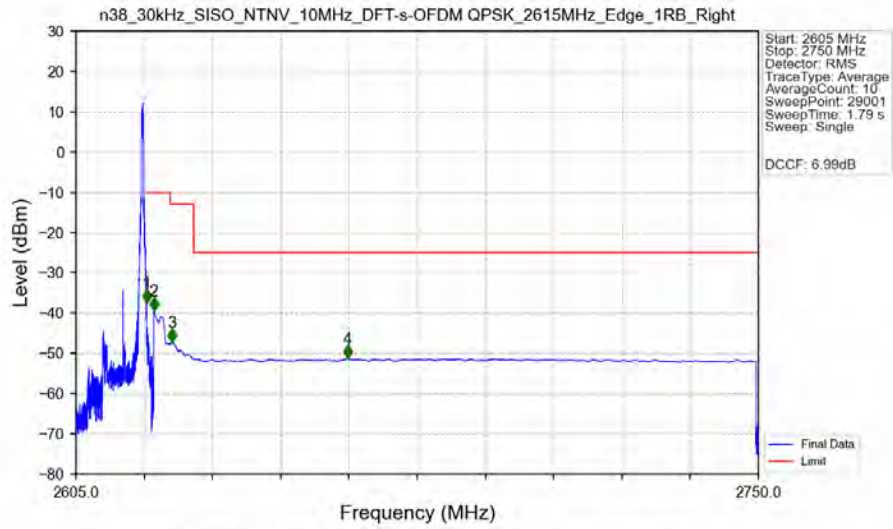
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	899.200	-54.72	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11

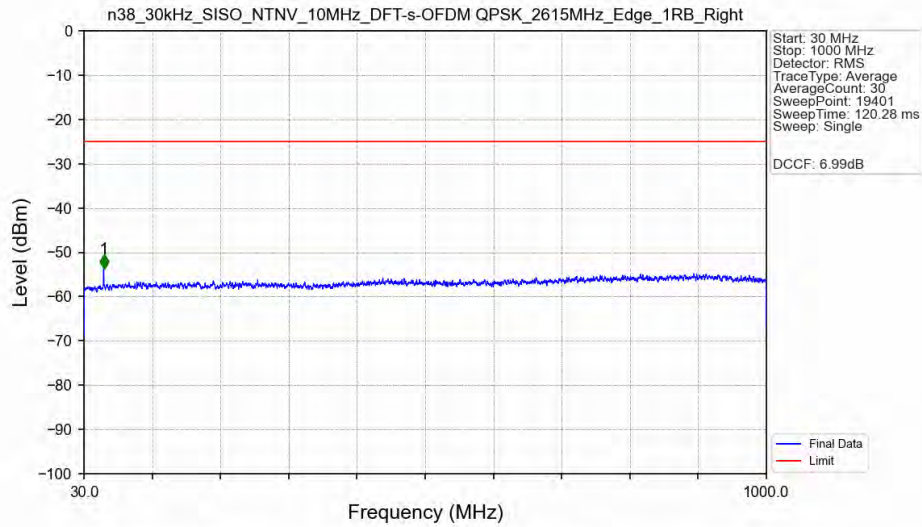


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2407.500	-49.98	-25	Pass
2490.5	2496	1	/	2	2494.000	-51.52	-13	Pass
2496	2560	1	/	3	2503.500	-49.84	-25	Pass
2560	2565	1	/	4	2562.000	-52.17	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2626.000	-51.26	-13	Pass
2630	26200	1	/	6	25853.000	-38.22	-25	Pass

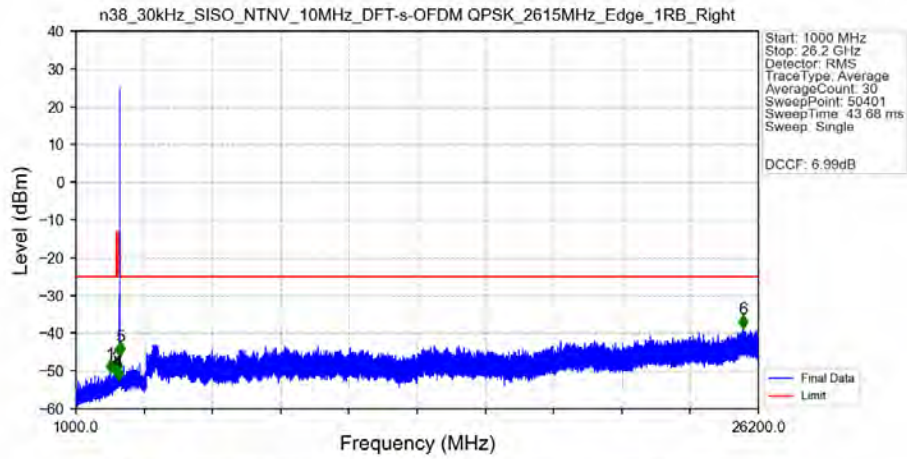
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant11



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant11

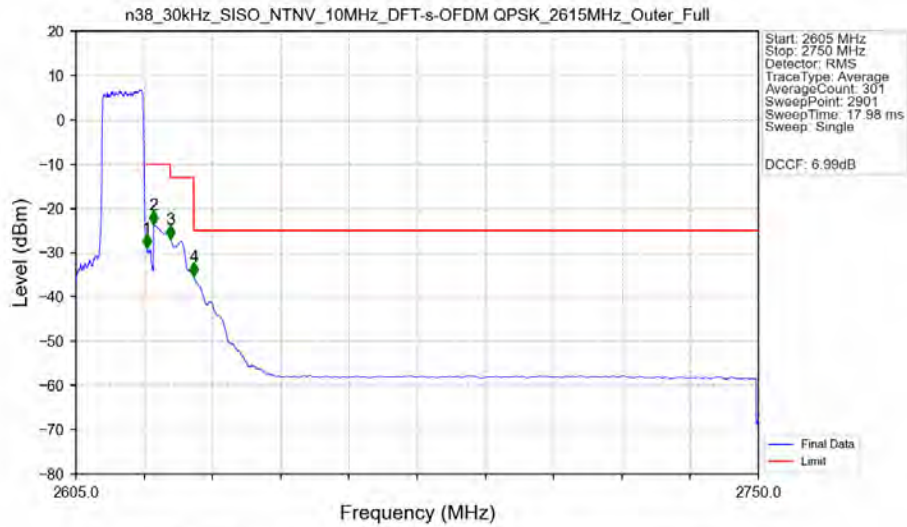


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant11



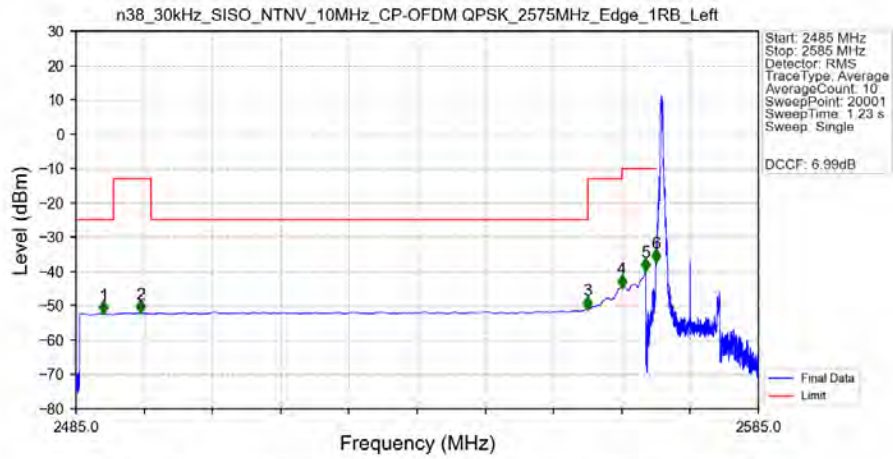
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2273.500	-50.27	-25	Pass
2490.5	2496	1	/	2	2494.000	-51.17	-13	Pass
2496	2560	1	/	3	2533.500	-50.33	-25	Pass
2560	2565	1	/	4	2564.500	-52.17	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2625.500	-45.60	13	Pass
2630	26200	1	/	6	25631.000	-38.44	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Outer_Full_Ant11

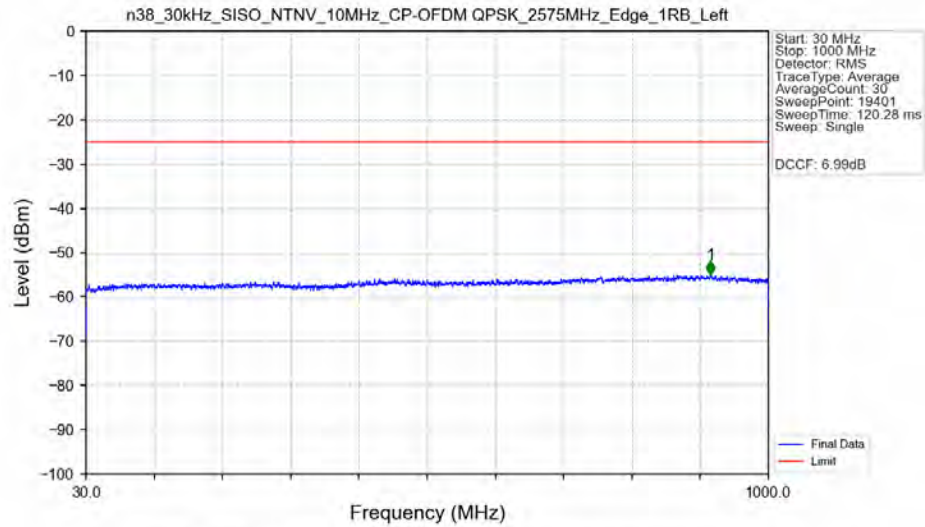


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.192	CHP	/	/	/	/	/
2620	2621	0.192	CHP	1	2620.050	-29.02	-10	Pass
2621	2625	1	CHP	2	2621.500	-23.61	-10	Pass
2625	2630	1	CHP	3	2625.050	-27.00	-13	Pass
2630	2750	1	CHP	4	2630.050	-35.37	-25	Pass

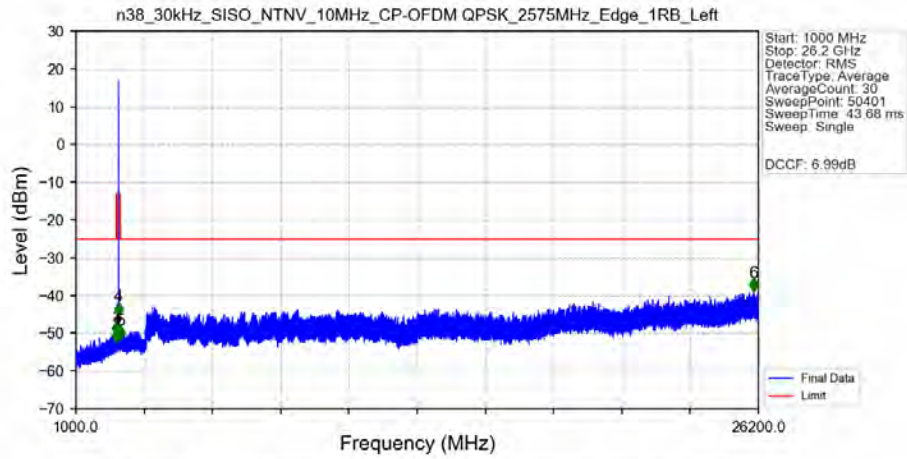
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant11



n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant11

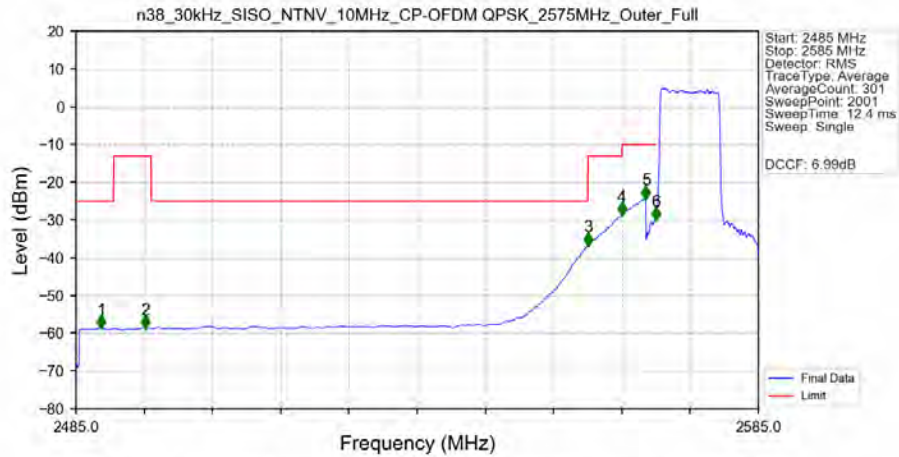


n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant11



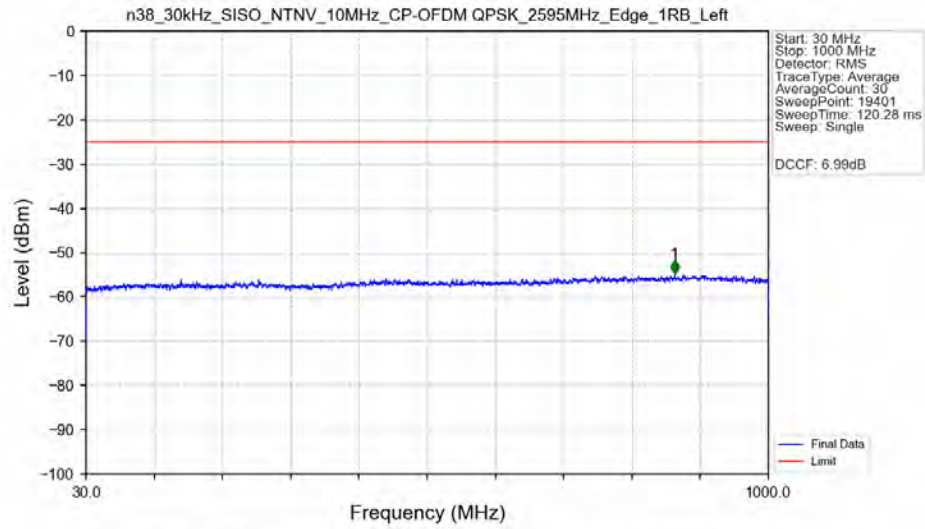
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2481.000	-50.30	-25	Pass
2490.5	2496	1	/	2	2491.500	-52.11	-13	Pass
2496	2560	1	/	3	2526.000	-50.53	-25	Pass
2560	2565	1	/	4	2564.500	-45.02	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2627.000	-51.27	13	Pass
2630	26200	1	/	6	26016.500	-38.68	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Outer_Full_Ant11

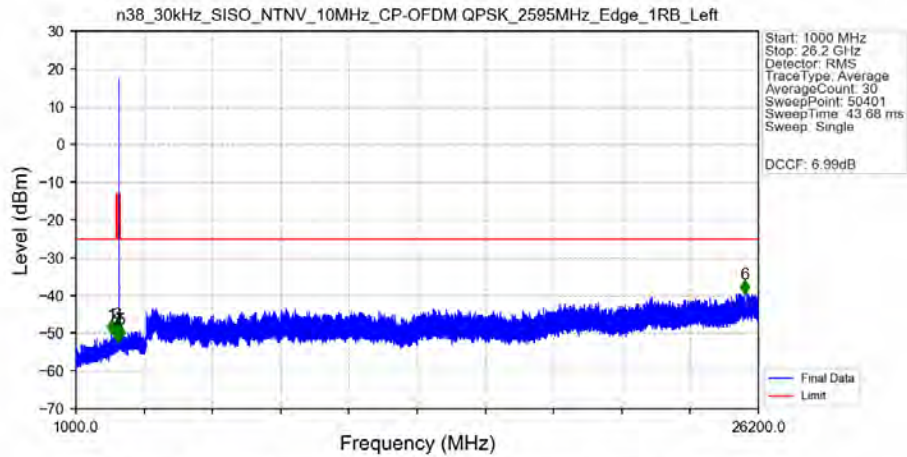


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.700	-58.58	-25	Pass
2490.5	2496	1	CHP	2	2495.150	-58.48	-13	Pass
2496	2560	1	CHP	3	2560.000	-36.63	-25	Pass
2560	2565	1	CHP	4	2565.000	-28.63	-13	Pass
2565	2569	1	CHP	5	2568.500	-24.27	-10	Pass
2569	2570	0.191	CHP	6	2569.950	-29.94	10	Pass
2570	2585	0.191	CHP	/	/	/	/	/

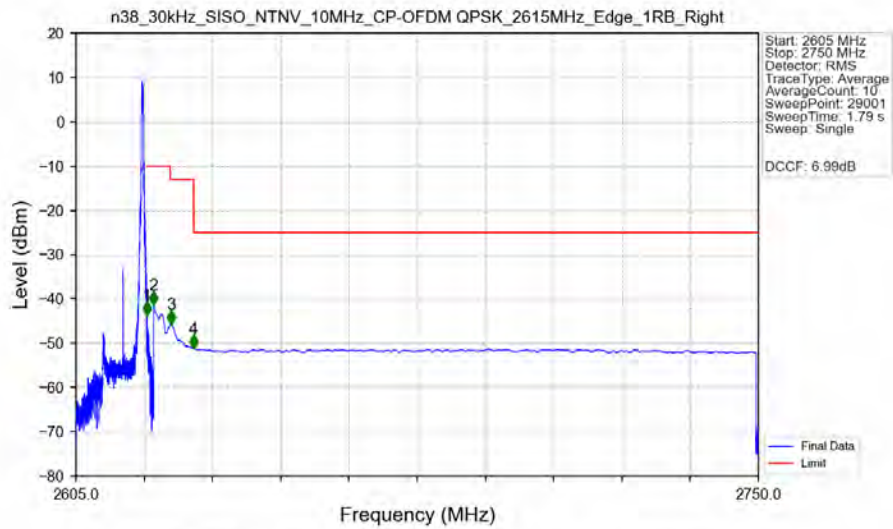
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



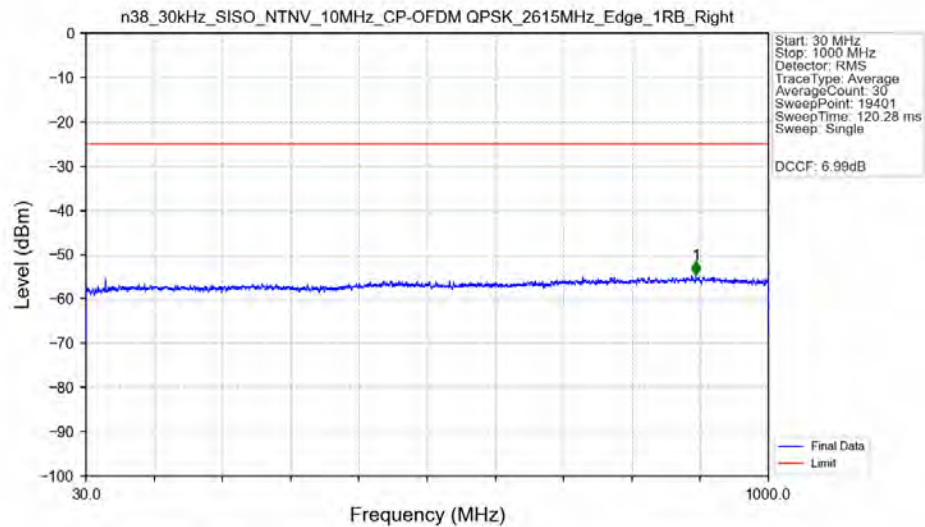
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



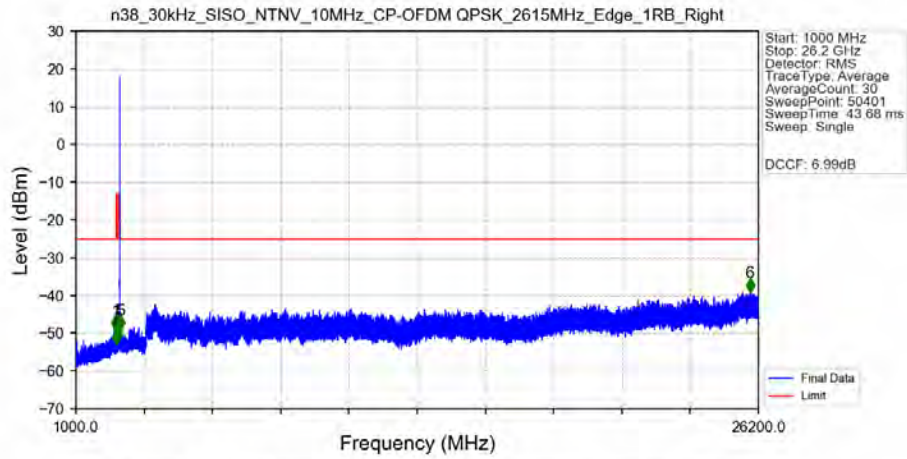
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant11



n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant11

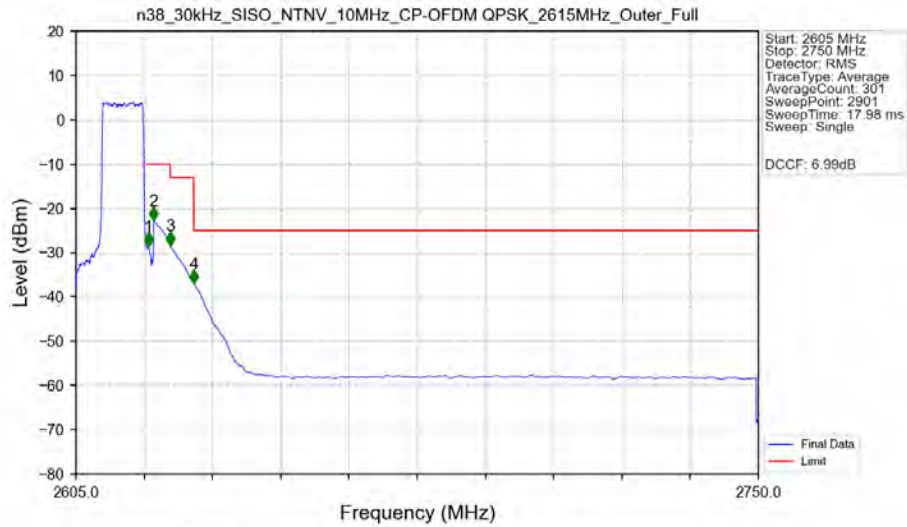


n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant11



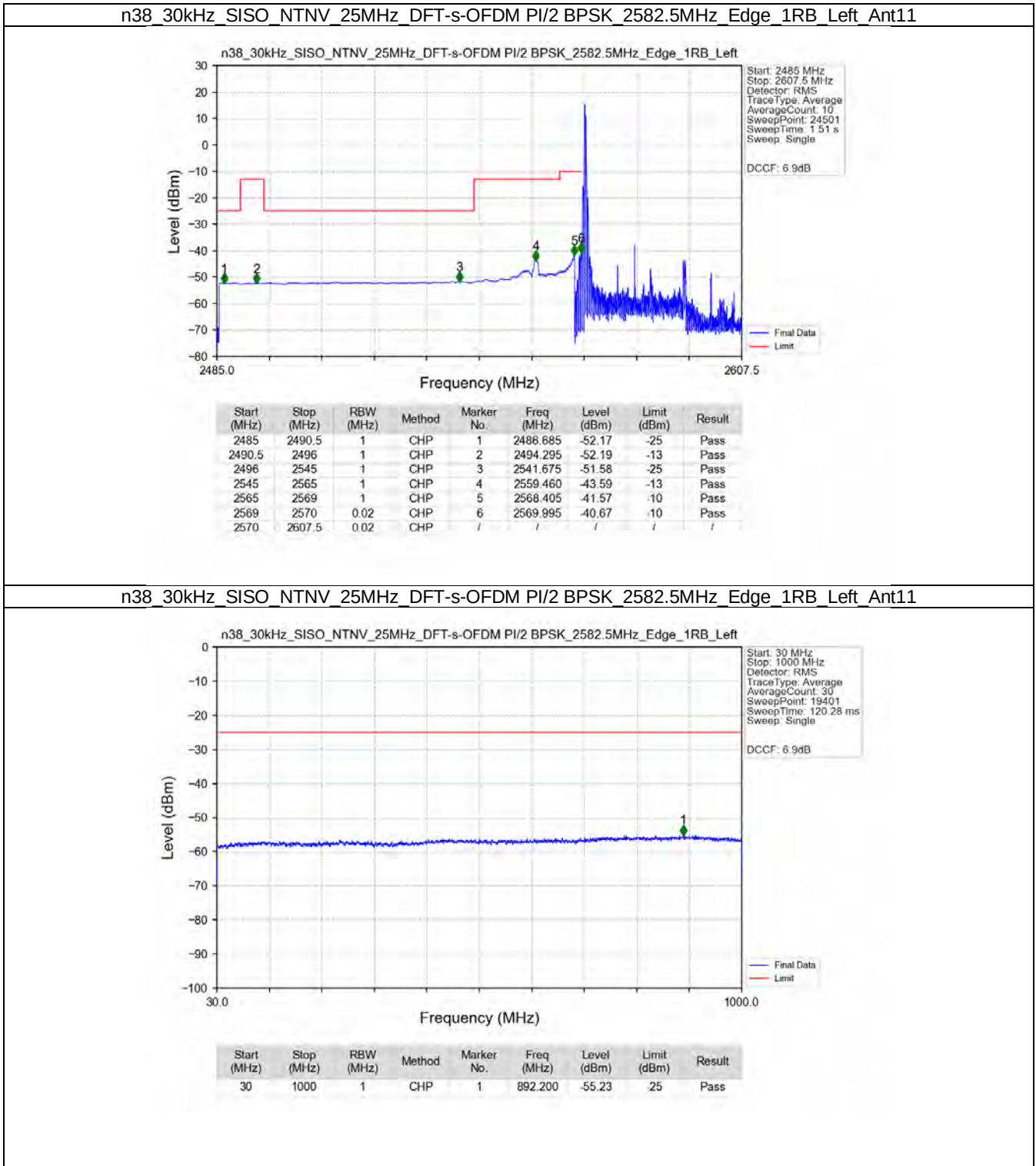
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2467.500	-48.81	-25	Pass
2490.5	2496	1	/	2	2495.500	-52.65	-13	Pass
2496	2560	1	/	3	2551.000	-50.73	-25	Pass
2560	2565	1	/	4	2561.500	-51.82	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2627.500	-48.71	13	Pass
2630	26200	1	/	6	25889.000	-38.79	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Outer_Full_Ant11

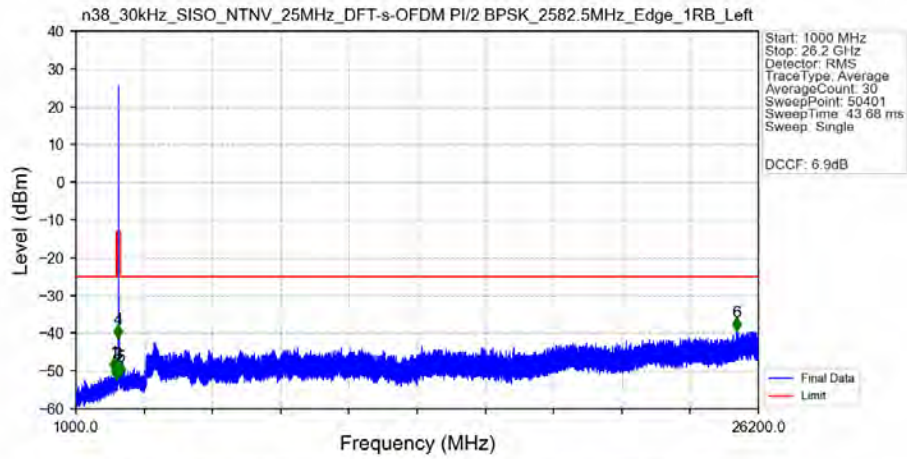


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.192	CHP	/	/	/	/	/
2620	2621	0.192	CHP	1	2620.350	-28.63	-10	Pass
2621	2625	1	CHP	2	2621.500	-22.67	-10	Pass
2625	2630	1	CHP	3	2625.050	-28.45	-13	Pass
2630	2750	1	CHP	4	2630.050	-36.93	-25	Pass

5.2.2 30k_SISO_25MHz_NTNV

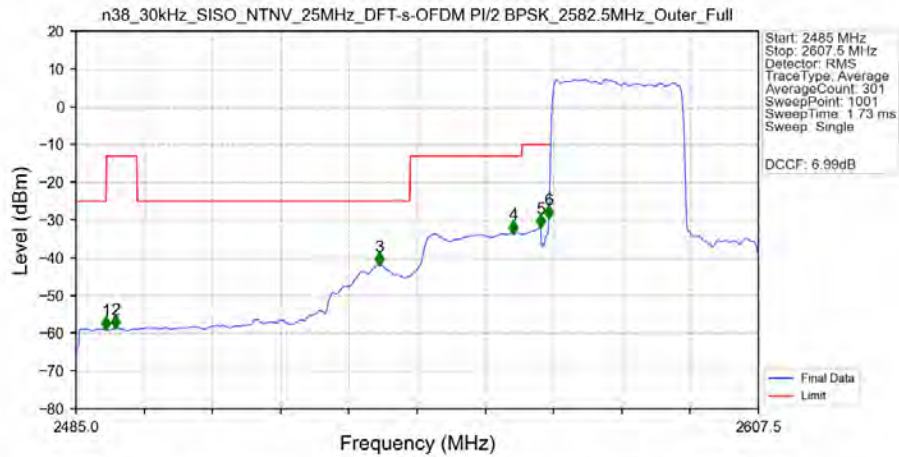


n38 30kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left Ant11



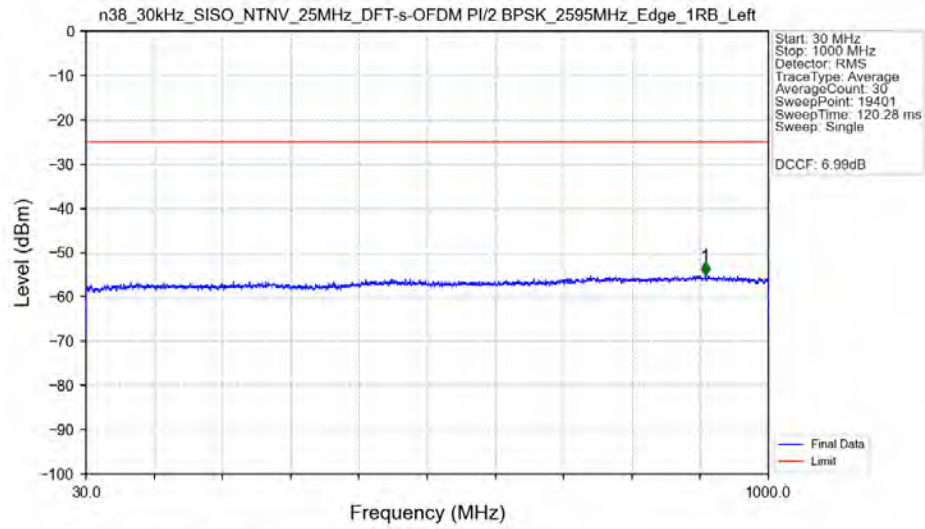
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2413.000	-49.88	-25	Pass
2490.5	2496	1	/	2	2493.500	-52.05	-13	Pass
2496	2545	1	/	3	2540.000	-50.23	-25	Pass
2545	2565	1	/	4	2559.500	-41.03	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2637.500	-50.93	13	Pass
2645	26200	1	/	6	25399.000	-39.23	-25	Pass

n38 30kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Outer_Full Ant11

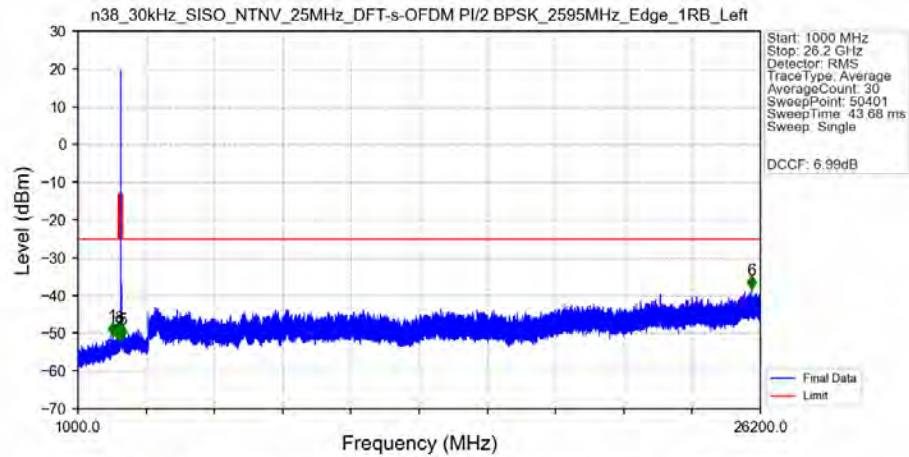


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.390	-58.87	-25	Pass
2490.5	2496	1	CHP	2	2492.105	-58.56	-13	Pass
2496	2545	1	CHP	3	2539.390	-41.81	-25	Pass
2545	2565	1	CHP	4	2563.523	-33.43	-13	Pass
2565	2569	1	CHP	5	2568.423	-31.89	-10	Pass
2569	2570	0.496	CHP	6	2569.892	-29.47	-10	Pass
2570	2607.5	0.496	CHP	/	/	/	/	/

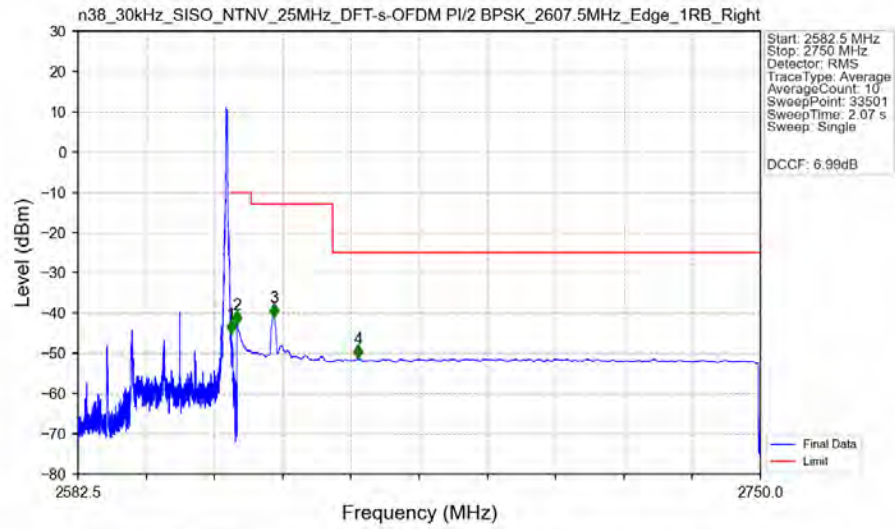
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant11



n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant11

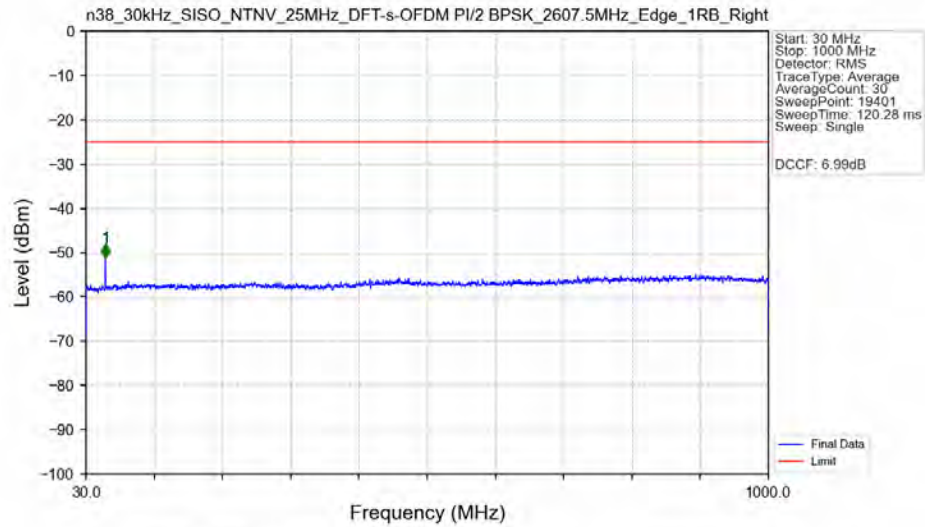


n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant11



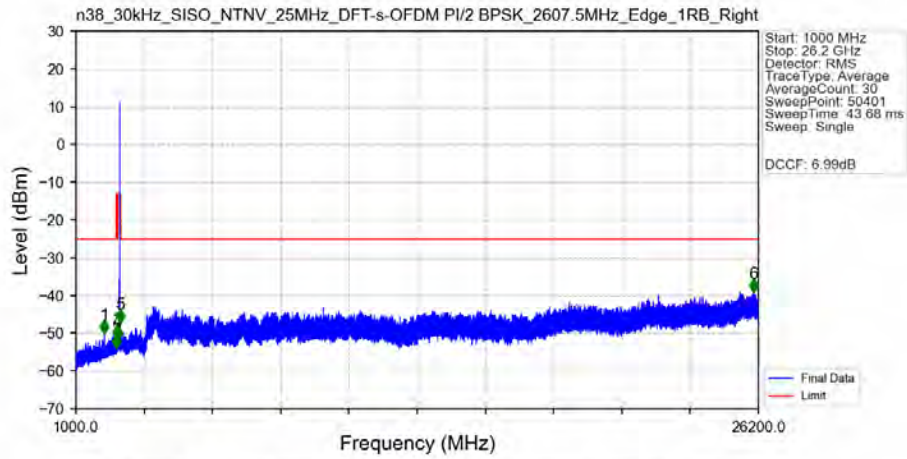
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.090	-45.00	-10	Pass
2621	2625	1	CHP	2	2621.500	-42.90	-10	Pass
2625	2645	1	CHP	3	2630.530	-41.00	-13	Pass
2645	2750	1	CHP	4	2651.300	-51.34	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant11



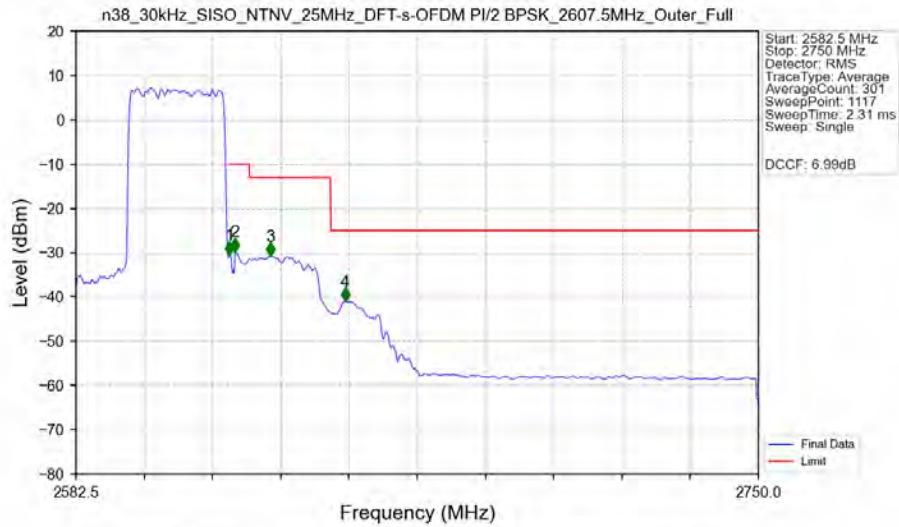
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	57.900	-51.20	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant11



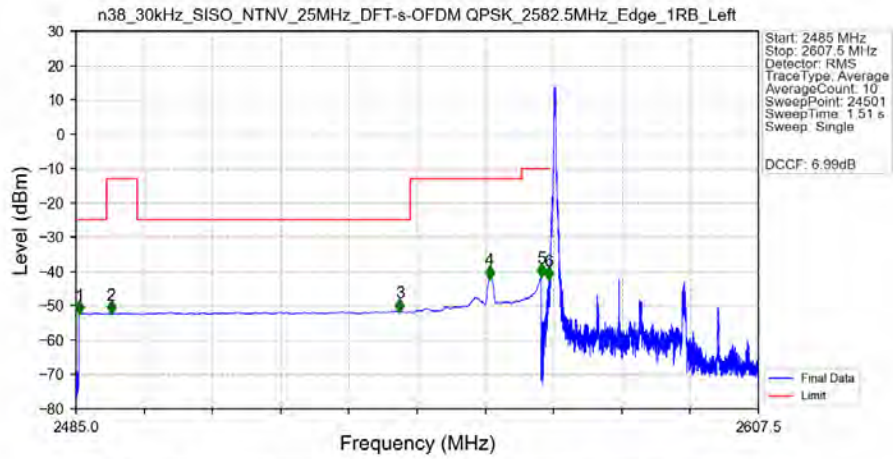
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2051.000	-49.80	-25	Pass
2490.5	2496	1	/	2	2494.500	-53.62	-13	Pass
2496	2545	1	/	3	2506.500	-51.16	-25	Pass
2545	2565	1	/	4	2550.500	-51.46	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2630.500	-46.97	13	Pass
2645	26200	1	/	6	26029.000	-38.94	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Outer_Full_Ant11

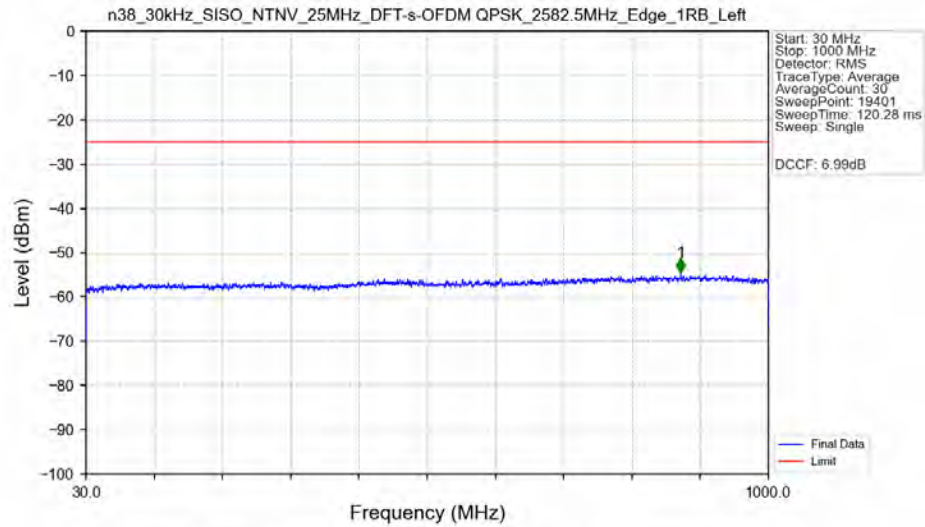


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.495	CHP	/	/	/	/	/
2620	2621	0.495	CHP	1	2620.172	-30.49	-10	Pass
2621	2625	1	CHP	2	2621.523	-29.76	-10	Pass
2625	2645	1	CHP	3	2630.228	-30.69	-13	Pass
2645	2750	1	CHP	4	2648.539	-40.97	-25	Pass

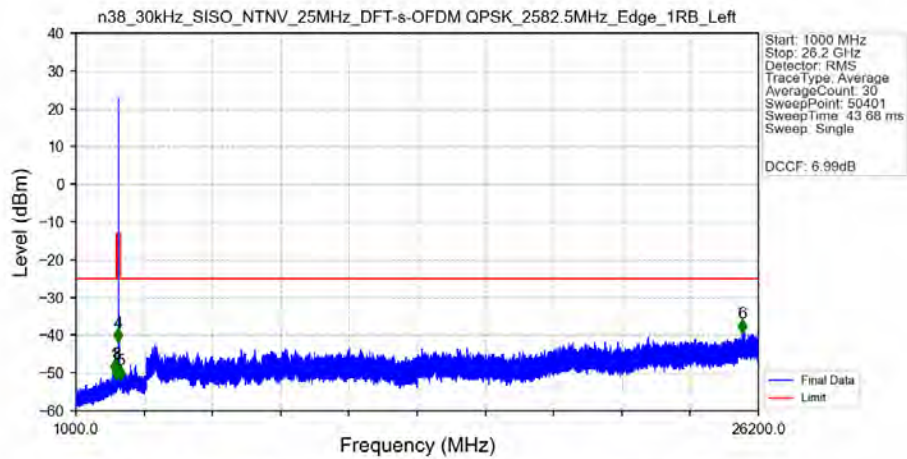
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant11



n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant11

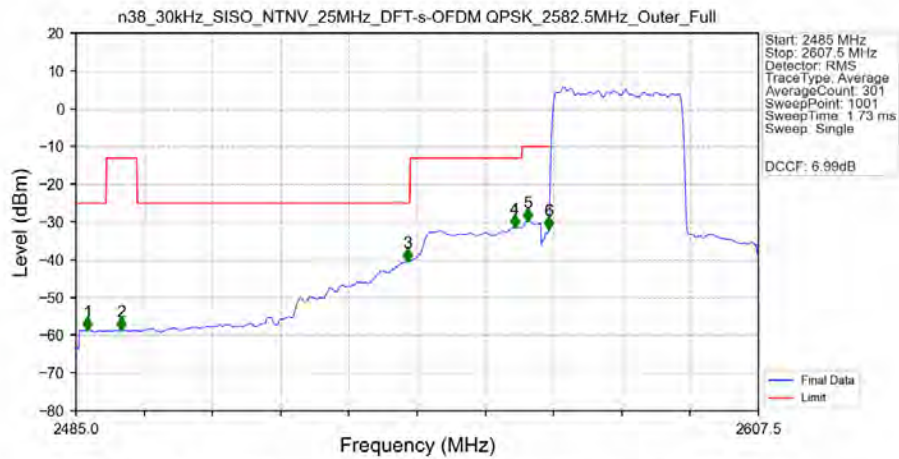


n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant11



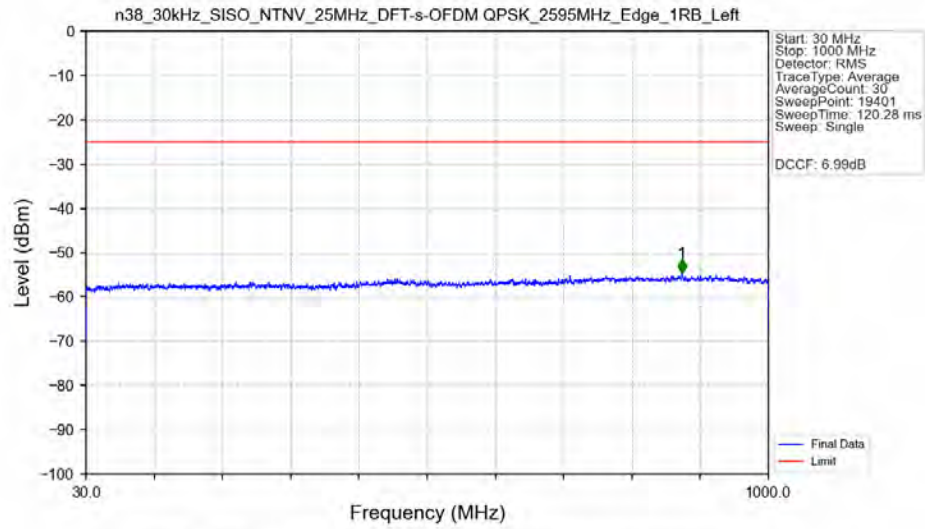
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2429.500	-49.92	-25	Pass
2490.5	2496	1	/	2	2491.500	-51.26	-13	Pass
2496	2545	1	/	3	2497.500	-49.79	-25	Pass
2545	2565	1	/	4	2559.500	-41.55	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2628.000	-51.45	13	Pass
2645	26200	1	/	6	25604.500	-39.06	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Outer_Full_Ant11

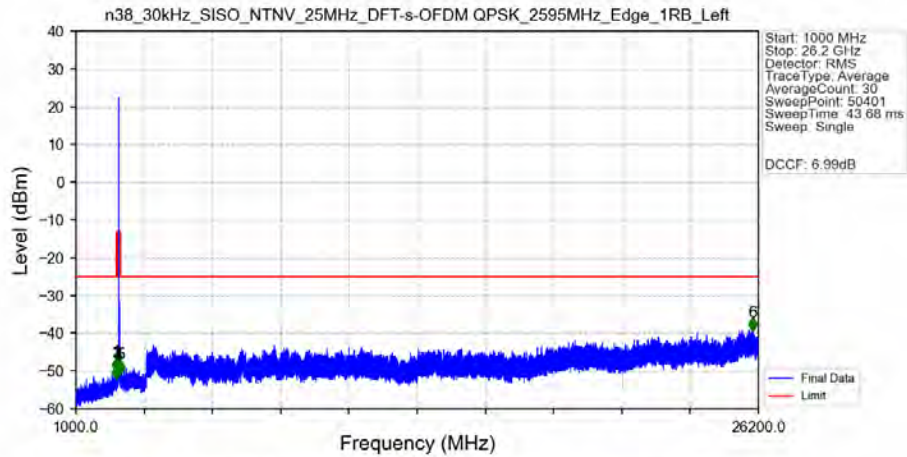


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.082	-58.49	-25	Pass
2490.5	2496	1	CHP	2	2493.085	-58.60	-13	Pass
2496	2545	1	CHP	3	2544.535	-40.33	-25	Pass
2545	2565	1	CHP	4	2563.767	-31.41	-13	Pass
2565	2569	1	CHP	5	2566.095	-29.64	-10	Pass
2569	2570	0.495	CHP	6	2569.892	-31.80	-10	Pass
2570	2607.5	0.495	CHP	/	/	/	/	/

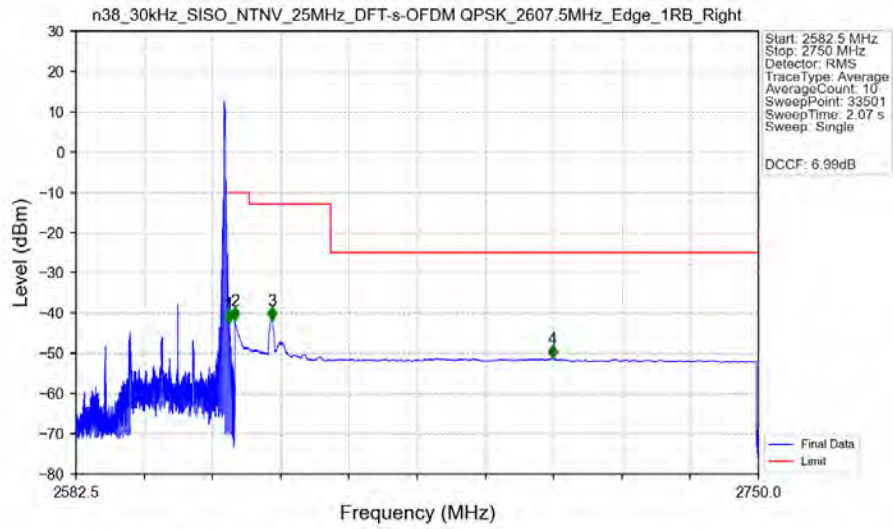
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



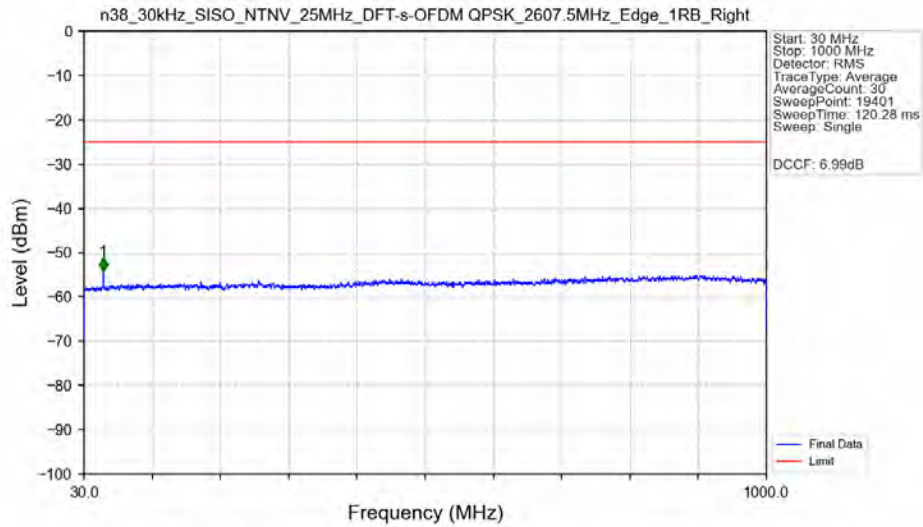
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



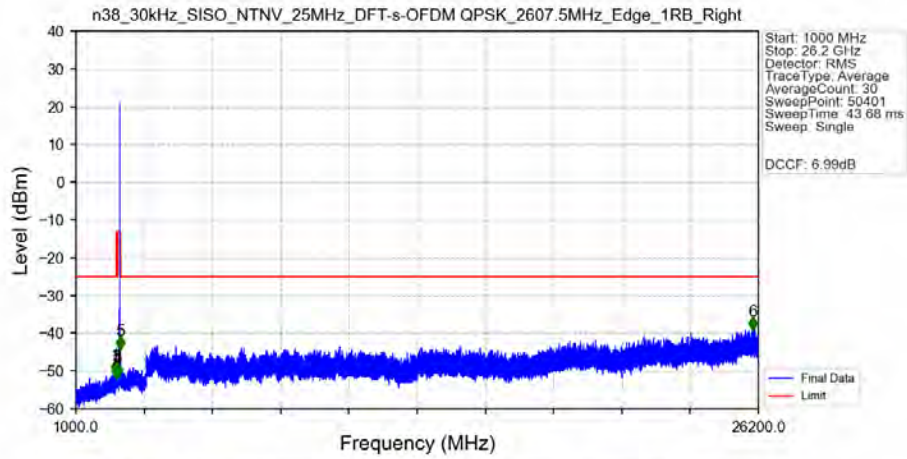
n38 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant11



n38 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant11

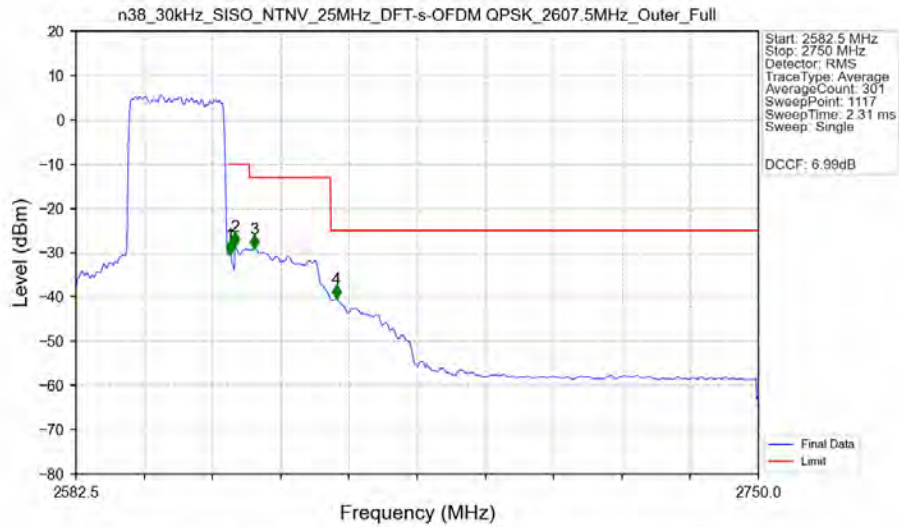


n38 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant11



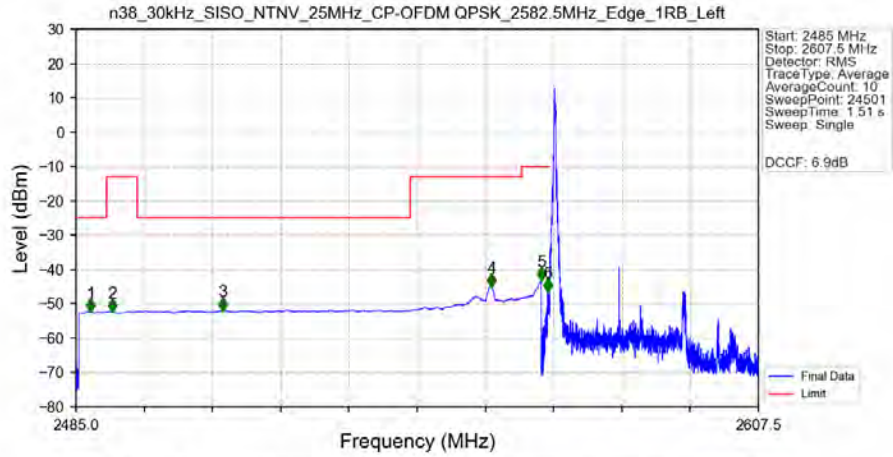
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2455.500	-50.57	-25	Pass
2490.5	2496	1	/	2	2492.000	-51.75	-13	Pass
2496	2545	1	/	3	2528.500	-50.88	-25	Pass
2545	2565	1	/	4	2548.500	-51.30	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2630.500	-44.15	-13	Pass
2645	26200	1	/	6	25997.500	-38.89	-25	Pass

n38 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Outer_Full Ant11



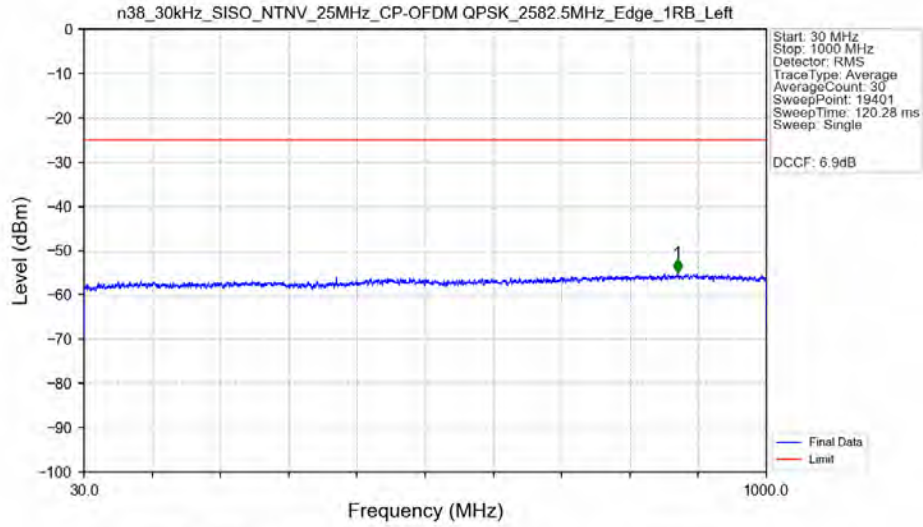
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.495	CHP	/	/	/	/	/
2620	2621	0.495	CHP	1	2620.323	-30.46	-10	Pass
2621	2625	1	CHP	2	2621.523	-28.56	-10	Pass
2625	2645	1	CHP	3	2626.176	-29.07	-13	Pass
2645	2750	1	CHP	4	2646.438	-40.50	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant11



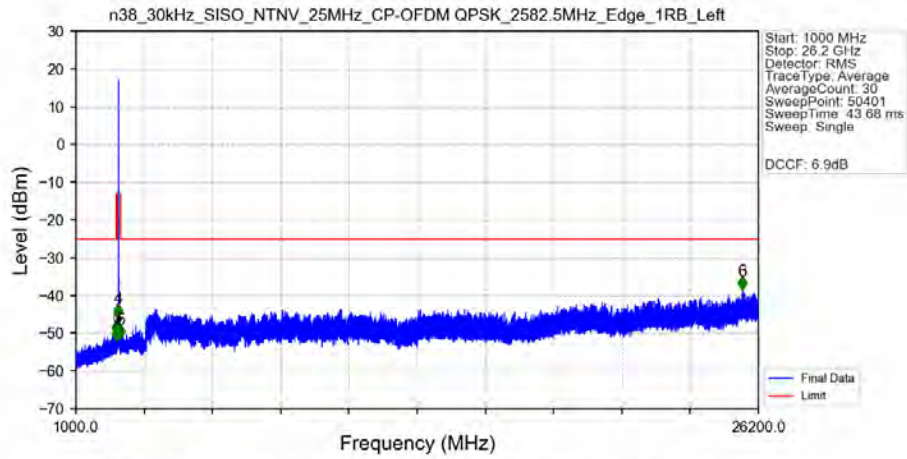
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.630	-52.24	-25	Pass
2490.5	2496	1	CHP	2	2491.505	-52.20	-13	Pass
2496	2545	1	CHP	3	2511.405	-51.78	-25	Pass
2545	2565	1	CHP	4	2559.595	-44.92	-13	Pass
2565	2569	1	CHP	5	2568.500	-43.00	-10	Pass
2569	2570	0.02	CHP	6	2569.650	-46.32	-10	Pass
2570	2607.5	0.02	CHP					

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant11



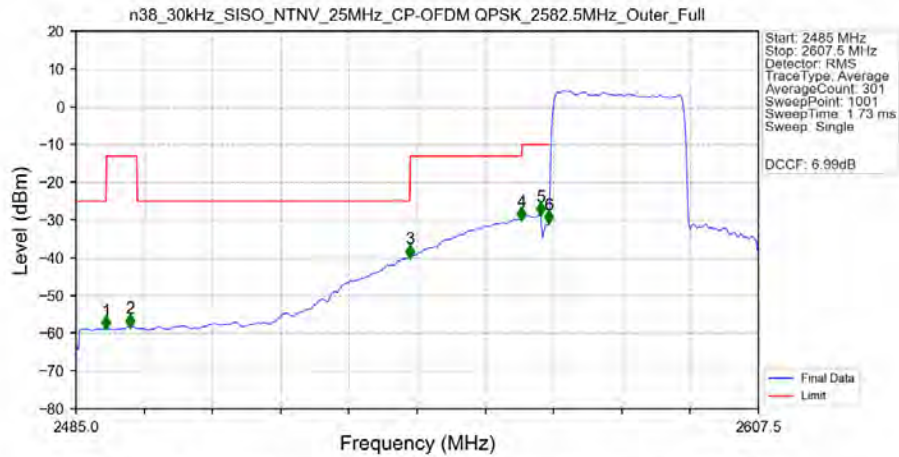
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	873.450	-55.04	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant11



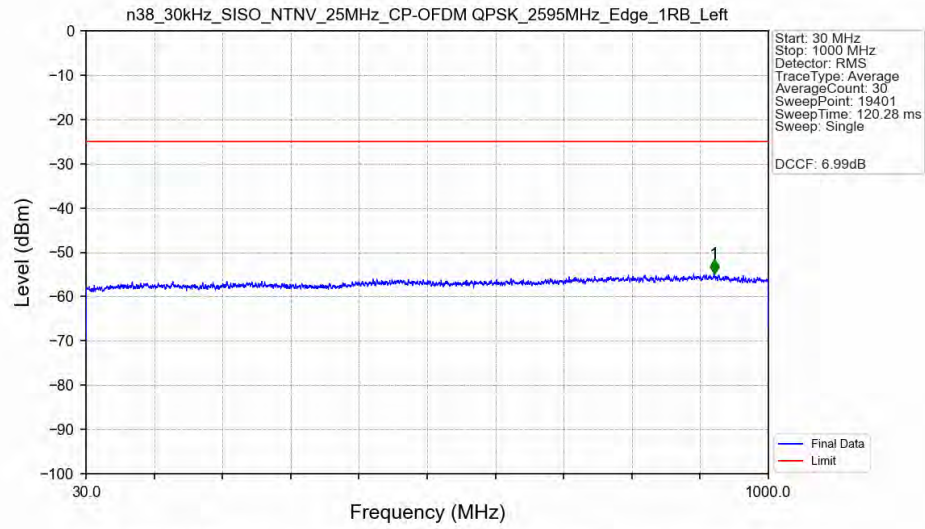
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2487.000	-49.99	-25	Pass
2490.5	2496	1	/	2	2494.000	-51.62	-13	Pass
2496	2545	1	/	3	2517.500	-50.68	-25	Pass
2545	2565	1	/	4	2559.500	-45.48	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2640.500	-51.15	13	Pass
2645	26200	1	/	6	25615.500	-38.27	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Outer_Full_Ant11



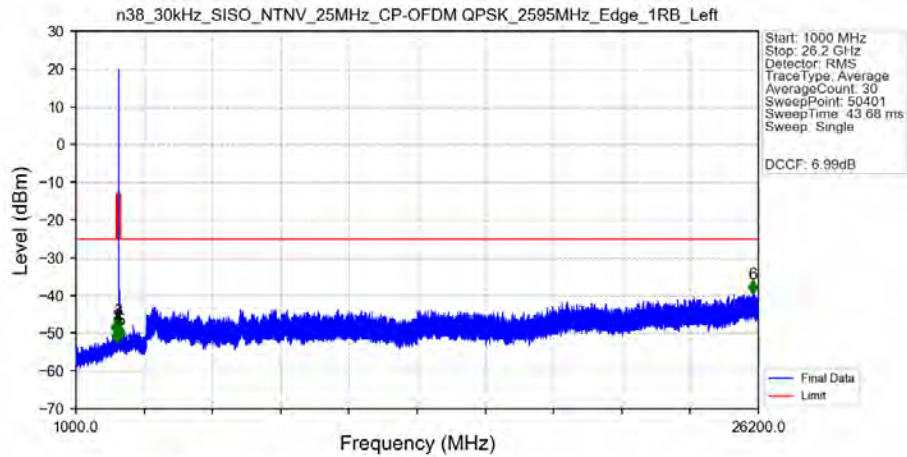
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.390	-58.77	-25	Pass
2490.5	2496	1	CHP	2	2494.677	-58.22	-13	Pass
2496	2545	1	CHP	3	2544.903	-39.84	-25	Pass
2545	2565	1	CHP	4	2564.992	-29.84	-13	Pass
2565	2569	1	CHP	5	2568.423	-28.56	-10	Pass
2569	2570	0.551	CHP	6	2569.892	-30.81	-10	Pass
2570	2607.5	0.551	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



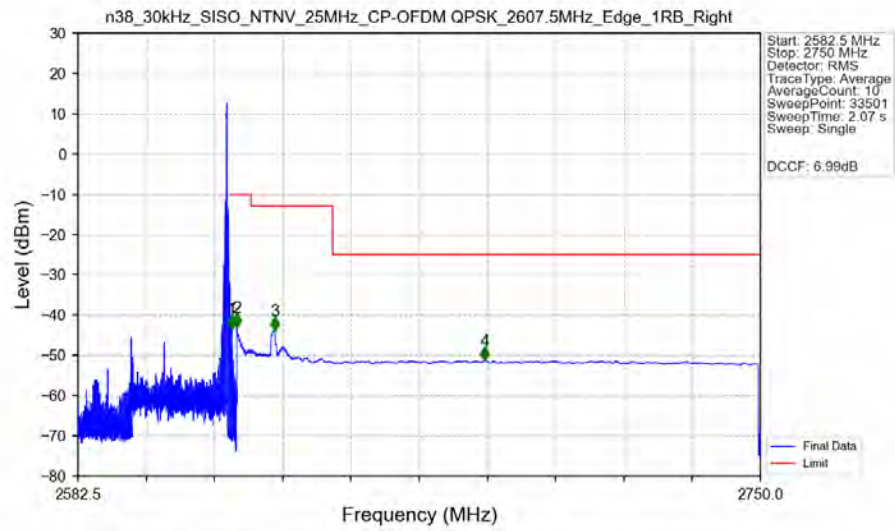
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	922.850	-54.85	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



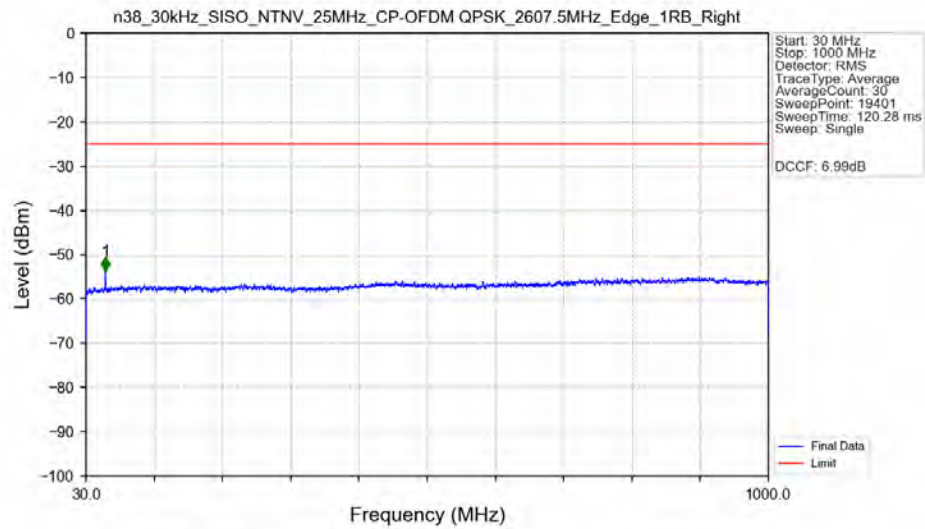
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2473.500	-50.08	-25	Pass
2490.5	2496	1	/	2	2491.000	-52.09	-13	Pass
2496	2545	1	/	3	2536.000	-48.76	-25	Pass
2545	2565	1	/	4	2560.500	-50.45	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2632.500	-51.39	-13	Pass
2645	26200	1	/	6	26004.500	-39.24	-25	Pass

n38 30kHz SISO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant11



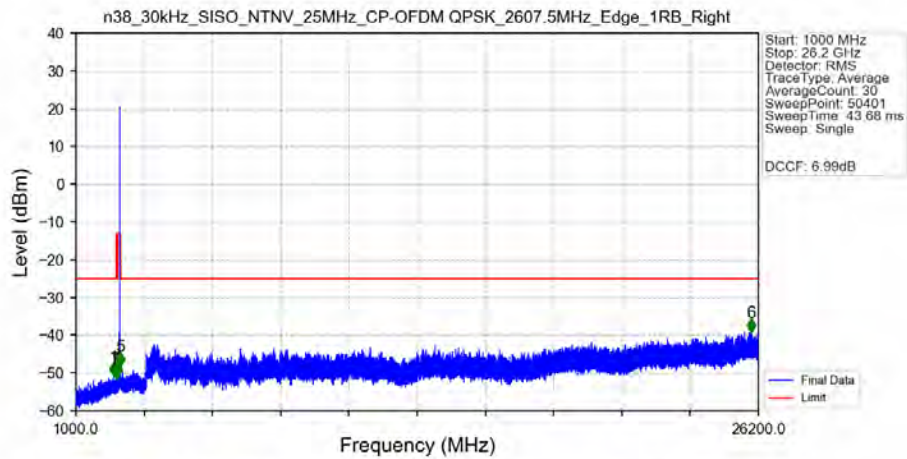
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.265	-43.47	-10	Pass
2621	2625	1	CHP	2	2621.500	-43.04	-10	Pass
2625	2645	1	CHP	3	2630.765	-43.90	-13	Pass
2645	2750	1	CHP	4	2682.360	-51.31	-25	Pass

n38 30kHz SISO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant11



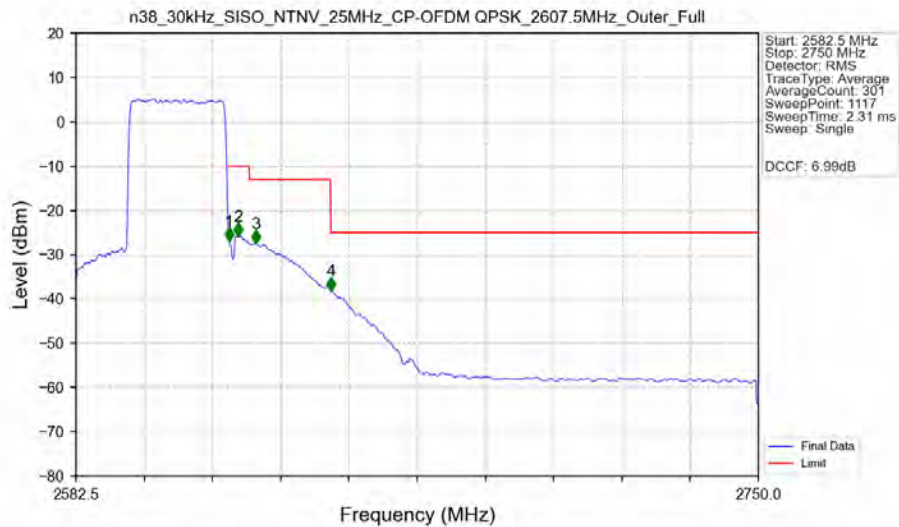
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	58.000	-53.64	25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2607.5MHz_Edge_1RB_Right_Ant11



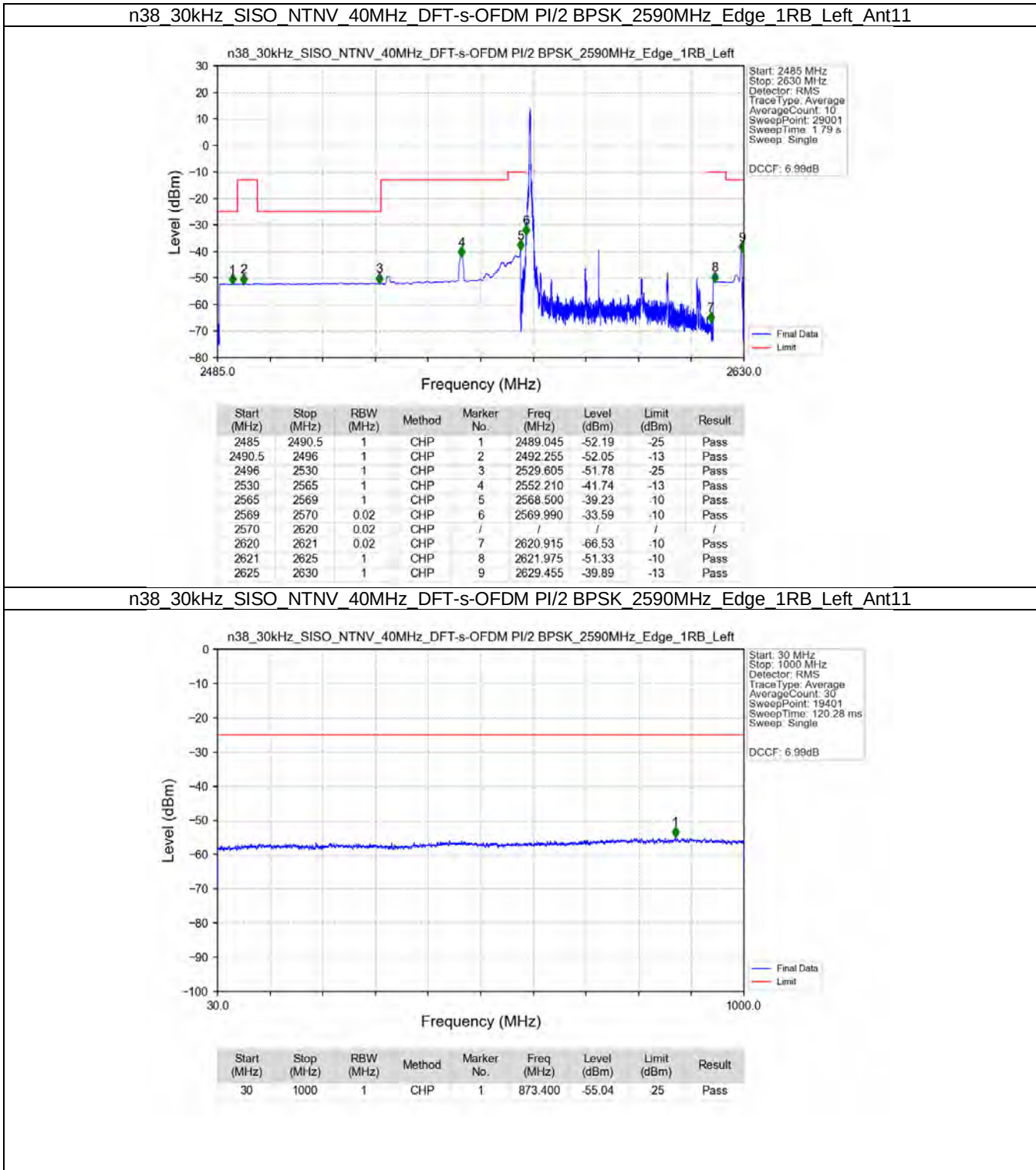
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2385.500	-50.56	-25	Pass
2490.5	2496	1	/	2	2492.000	-50.86	-13	Pass
2496	2545	1	/	3	2502.500	-51.39	-25	Pass
2545	2565	1	/	4	2557.000	-50.58	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2626.000	-47.84	-13	Pass
2645	26200	1	/	6	25936.500	-38.86	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2607.5MHz_Outer_Full_Ant11

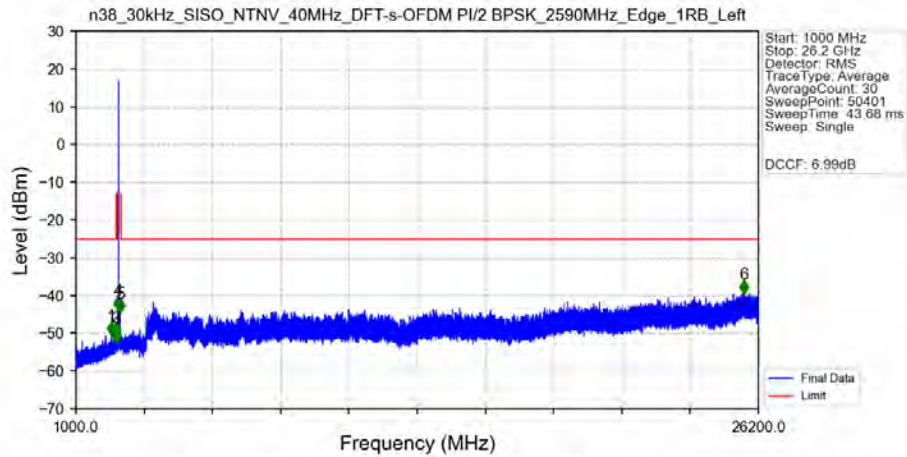


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.551	CHP	/	/	/	/	/
2620	2621	0.551	CHP	1	2620.022	-26.99	-10	Pass
2621	2625	1	CHP	2	2622.274	-25.85	-10	Pass
2625	2645	1	CHP	3	2626.626	-27.48	-13	Pass
2645	2750	1	CHP	4	2645.087	-38.14	-25	Pass

5.2.3 30k_SISO_40MHz_NTNV

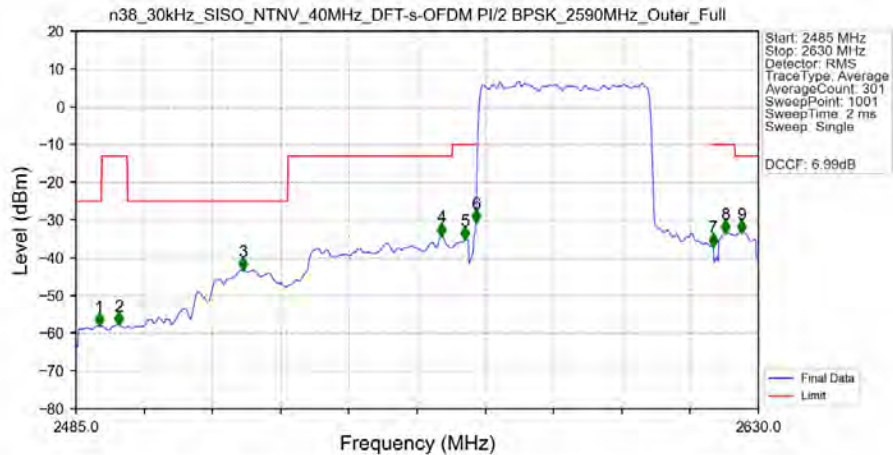


n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Edge_1RB_Left_Ant11



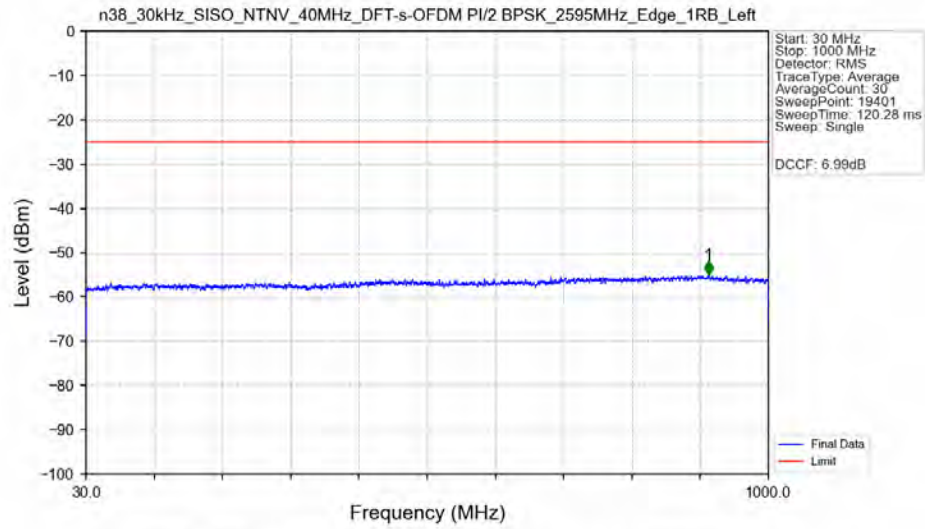
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2302.500	-50.20	-25	Pass
2490.5	2496	1	/	2	2494.500	-52.34	-13	Pass
2496	2530	1	/	3	2500.000	-50.73	-25	Pass
2530	2565	1	/	4	2552.000	-43.53	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2629.500	-44.21	-13	Pass
2660	26200	1	/	6	25666.500	-39.27	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Outer_Full_Ant11

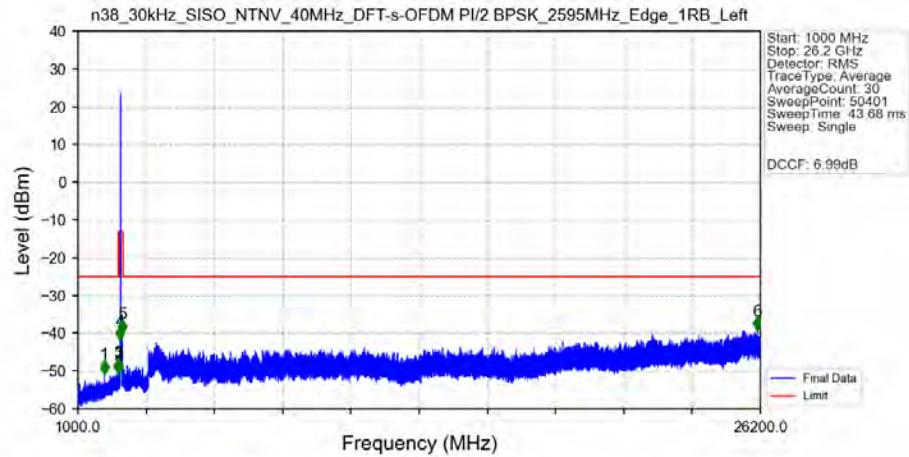


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.930	-57.93	-25	Pass
2490.5	2496	1	CHP	2	2494.135	-57.64	-13	Pass
2496	2530	1	CHP	3	2520.525	-43.18	-25	Pass
2530	2565	1	CHP	4	2562.720	-34.05	-13	Pass
2565	2569	1	CHP	5	2567.650	-35.10	-10	Pass
2569	2570	0.858	CHP	6	2569.970	-30.56	-10	Pass
2570	2620	0.858	CHP	/	/	/	/	/
2620	2621	0.858	CHP	7	2620.430	-36.83	-10	Pass
2621	2625	1	CHP	8	2623.040	-33.38	-10	Pass
2625	2630	1	CHP	9	2626.375	-33.28	-13	Pass

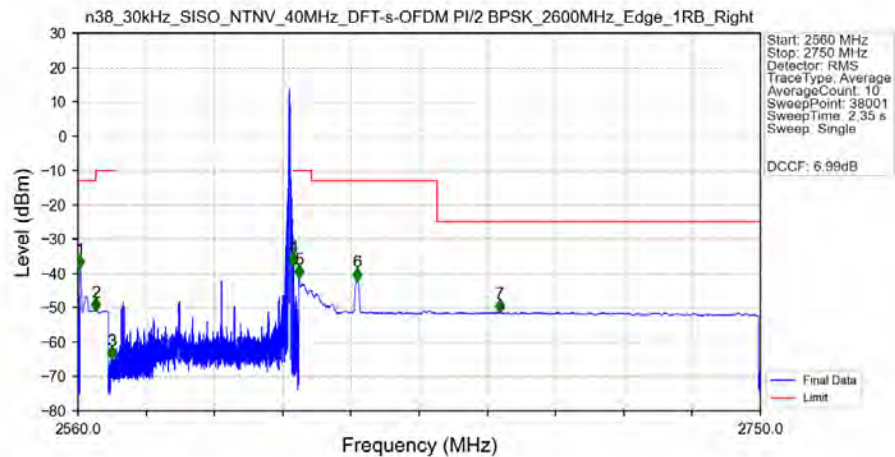
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant11



n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant11

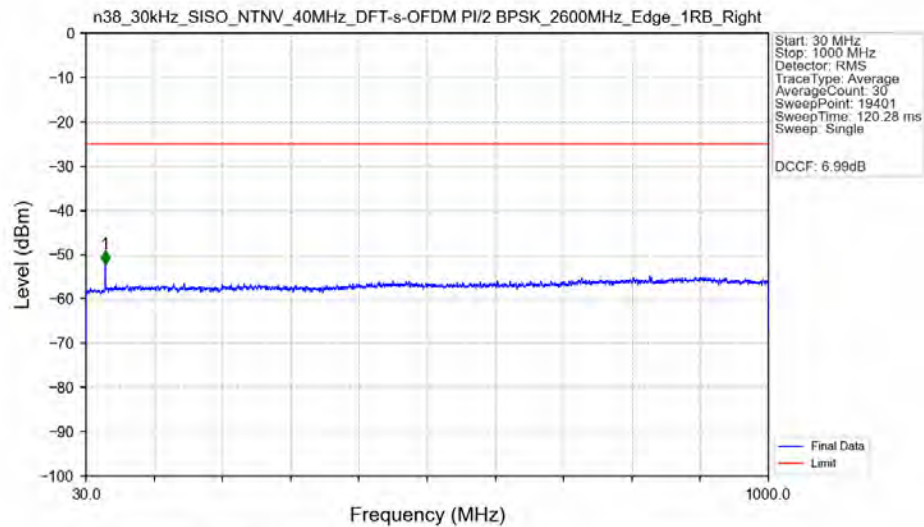


n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Edge_1RB_Right_Ant11



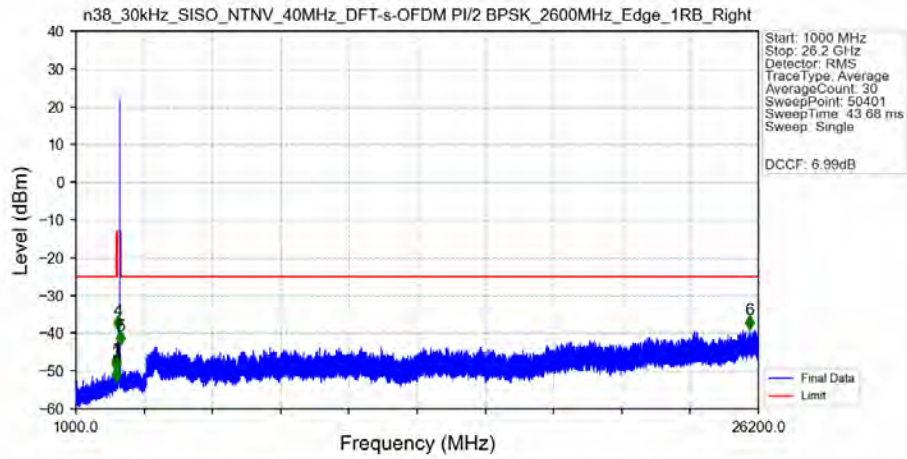
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.530	-38.31	-13	Pass
2565	2569	1	CHP	2	2565.005	-50.74	-10	Pass
2569	2570	0.02	CHP	3	2569.455	-64.92	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.070	-37.58	-10	Pass
2621	2625	1	CHP	5	2621.500	-41.09	-10	Pass
2625	2660	1	CHP	6	2637.785	-41.96	-13	Pass
2660	2750	1	CHP	7	2677.430	-51.26	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Edge_1RB_Right_Ant11



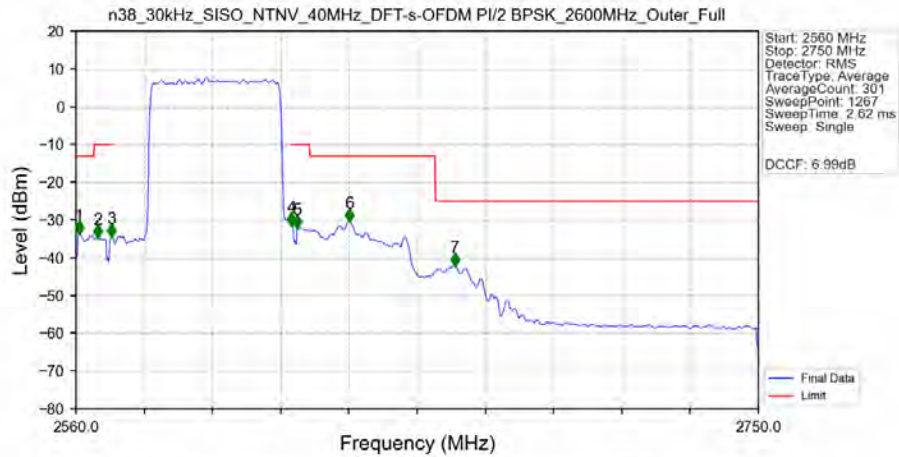
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	57.500	-52.13	25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Edge_1RB_Right_Ant11



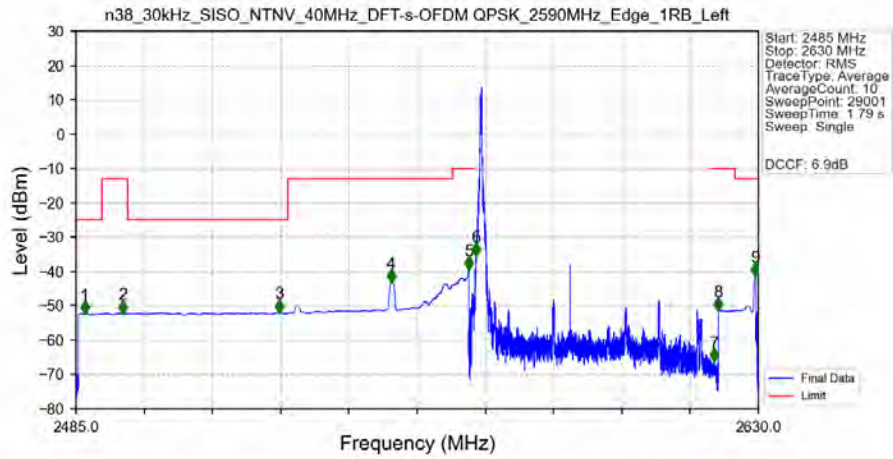
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2489.000	-48.85	-25	Pass
2490.5	2496	1	/	2	2494.000	-52.35	-13	Pass
2496	2530	1	/	3	2499.000	-49.85	-25	Pass
2530	2565	1	/	4	2560.500	-38.78	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2626.500	-42.80	-13	Pass
2660	26200	1	/	6	25883.500	-38.65	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Outer_Full_Ant11



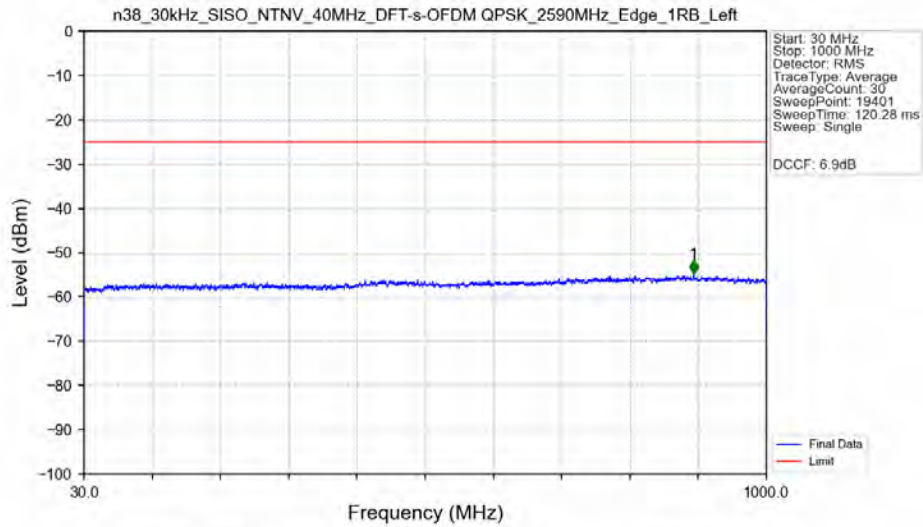
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.900	-33.54	-13	Pass
2565	2569	1	CHP	2	2566.003	-34.64	-10	Pass
2569	2570	0.776	CHP	3	2569.905	-34.39	-10	Pass
2570	2620	0.776	CHP	/	/	/	/	/
2620	2621	0.776	CHP	4	2620.032	-31.44	-10	Pass
2621	2625	1	CHP	5	2621.532	-32.06	-10	Pass
2625	2660	1	CHP	6	2636.240	-30.40	-13	Pass
2660	2750	1	CHP	7	2665.506	-42.02	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant11



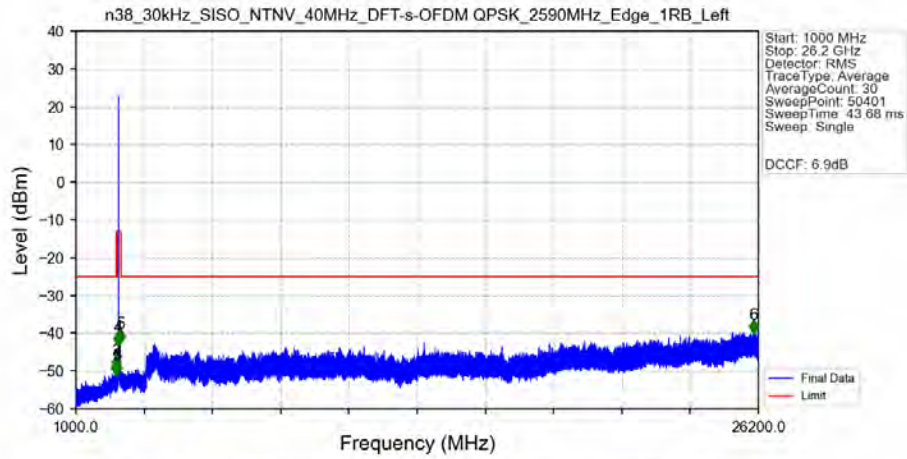
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.840	-52.16	-25	Pass
2490.5	2496	1	CHP	2	2494.955	-52.03	-13	Pass
2496	2530	1	CHP	3	2528.185	-51.79	-25	Pass
2530	2565	1	CHP	4	2551.985	-43.02	-13	Pass
2565	2569	1	CHP	5	2568.480	-39.19	-10	Pass
2569	2570	0.02	CHP	6	2569.970	-35.25	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	7	2620.650	-66.00	-10	Pass
2621	2625	1	CHP	8	2621.500	-51.27	-10	Pass
2625	2630	1	CHP	9	2629.375	-41.19	-13	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant11



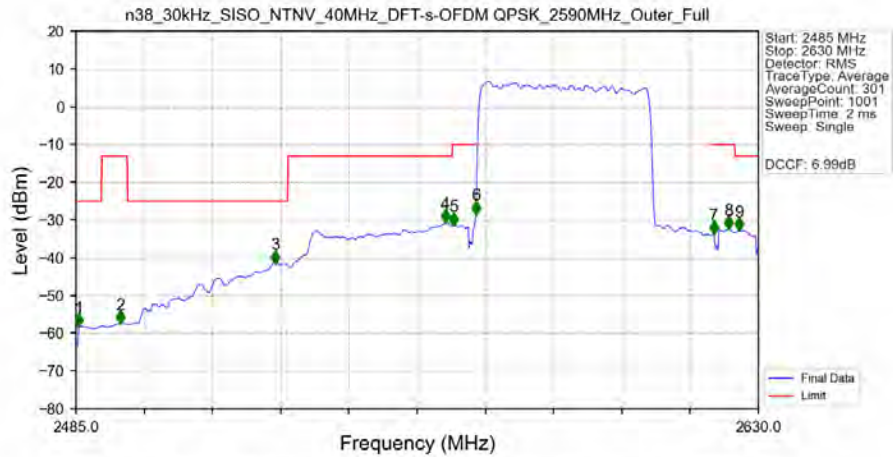
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	896.800	-54.85	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant11



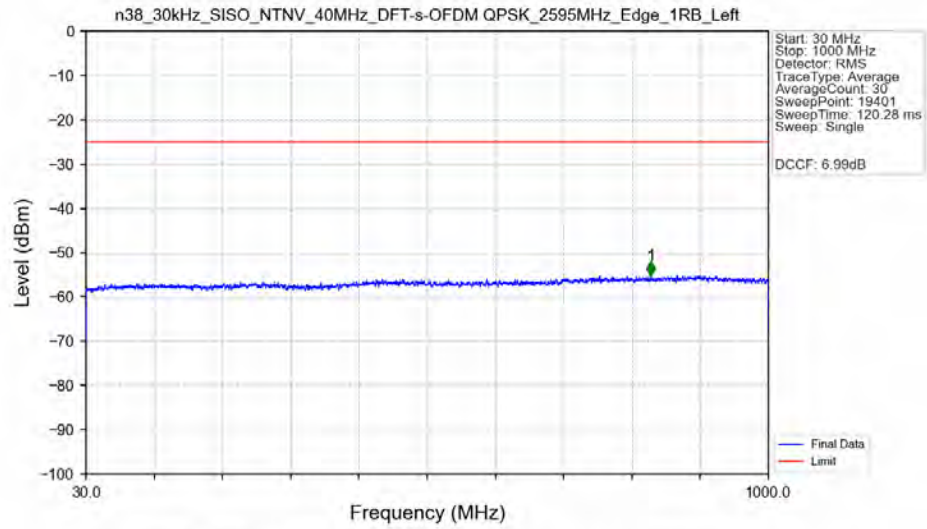
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2468.000	-50.75	-25	Pass
2490.5	2496	1	/	2	2494.500	-49.29	-13	Pass
2496	2530	1	/	3	2524.500	-50.59	-25	Pass
2530	2565	1	/	4	2563.500	-43.01	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2629.500	-42.26	-13	Pass
2660	26200	1	/	6	26016.000	-39.79	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Outer_Full_Ant11



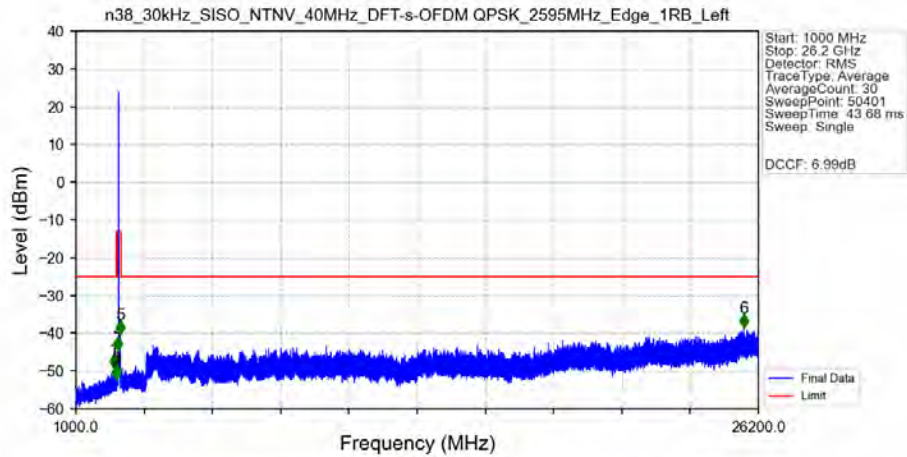
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.580	-58.11	-25	Pass
2490.5	2496	1	CHP	2	2494.425	-57.26	-13	Pass
2496	2530	1	CHP	3	2527.340	-41.33	-25	Pass
2530	2565	1	CHP	4	2563.445	-30.57	-13	Pass
2565	2569	1	CHP	5	2565.185	-31.27	-10	Pass
2569	2570	0.774	CHP	6	2569.970	-28.31	-10	Pass
2570	2620	0.774	CHP	/	/	/	/	/
2620	2621	0.774	CHP	7	2620.575	-33.51	-10	Pass
2621	2625	1	CHP	8	2623.620	-32.29	-10	Pass
2625	2630	1	CHP	9	2625.940	-32.68	-13	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



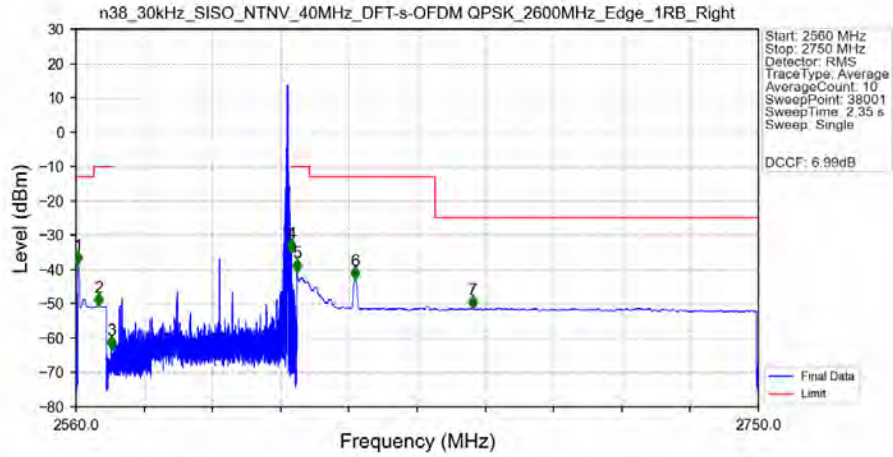
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	832.950	-55.09	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



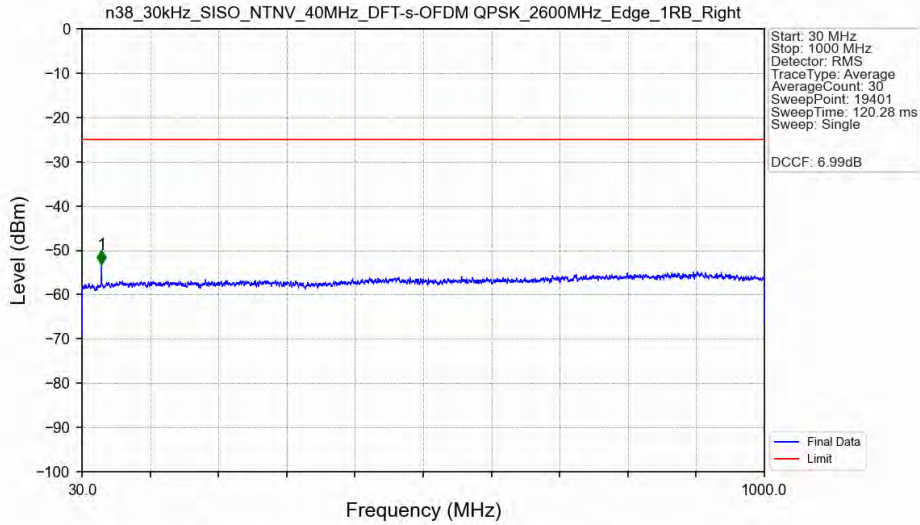
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2390.500	-48.95	-25	Pass
2490.5	2496	1	/	2	2492.000	-51.94	-13	Pass
2496	2530	1	/	3	2502.500	-51.49	-25	Pass
2530	2565	1	/	4	2557.000	-44.23	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2634.500	-39.94	-13	Pass
2660	26200	1	/	6	25653.500	-38.23	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant11



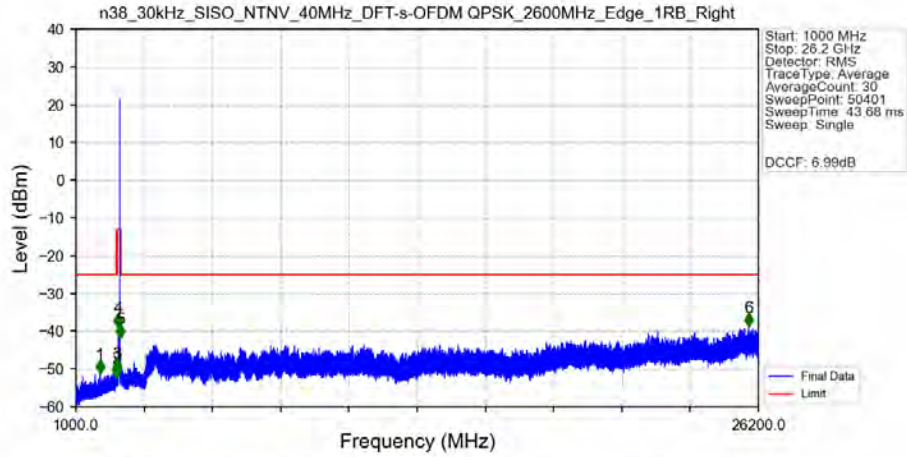
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.500	-38.34	-13	Pass
2565	2569	1	CHP	2	2566.400	-50.58	-10	Pass
2569	2570	0.02	CHP	3	2569.820	-63.02	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.015	-34.79	-10	Pass
2621	2625	1	CHP	5	2621.500	-40.49	-10	Pass
2625	2660	1	CHP	6	2637.635	-42.80	-13	Pass
2660	2750	1	CHP	7	2670.425	-51.26	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant11



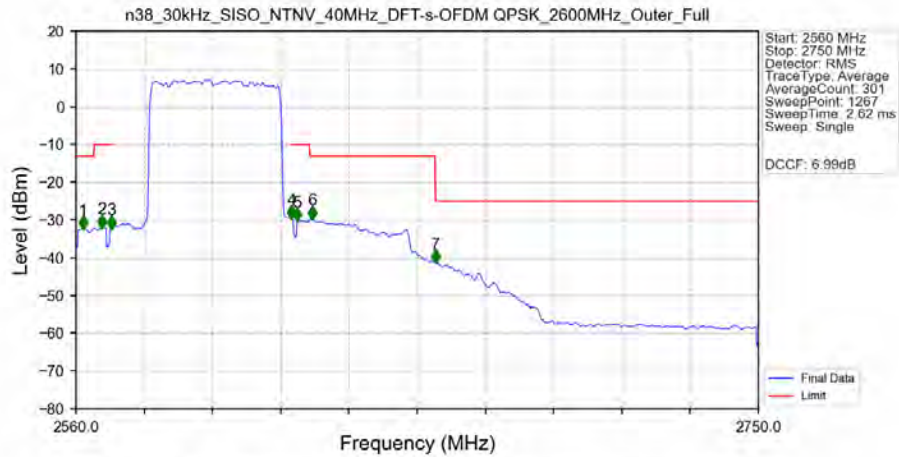
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	57.700	-53.15	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant11



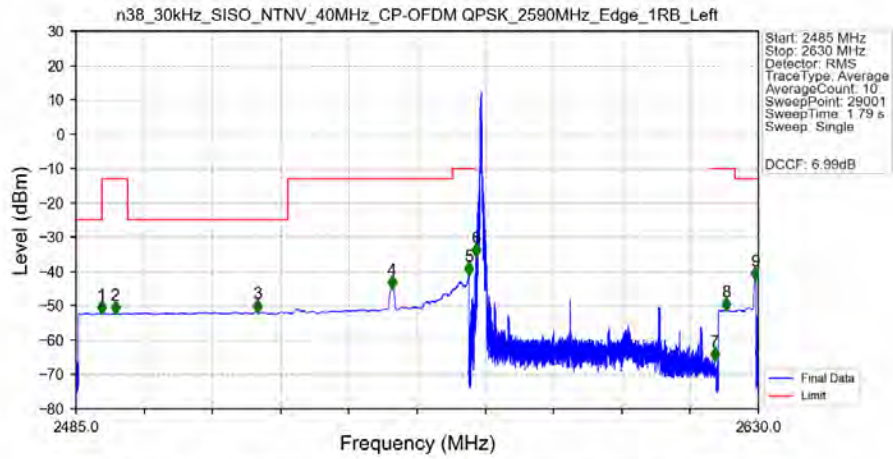
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	1894.000	-50.86	-25	Pass
2490.5	2496	1	/	2	2492.500	-51.86	-13	Pass
2496	2530	1	/	3	2516.000	-50.75	-25	Pass
2530	2565	1	/	4	2560.500	-38.61	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2626.500	-41.49	-13	Pass
2660	26200	1	/	6	25836.000	-38.54	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Outer_Full_Ant11



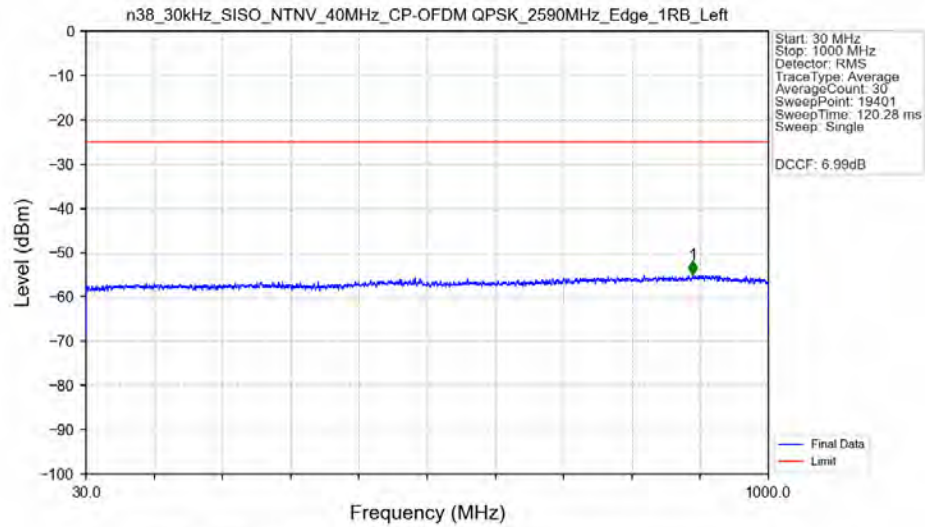
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2561.951	-32.21	-13	Pass
2565	2569	1	CHP	2	2567.204	-31.92	-10	Pass
2569	2570	0.818	CHP	3	2569.905	-32.12	-10	Pass
2570	2620	0.818	CHP	/	/	/	/	/
2620	2621	0.818	CHP	4	2620.032	-29.49	-10	Pass
2621	2625	1	CHP	5	2621.532	-30.17	-10	Pass
2625	2660	1	CHP	6	2625.735	-29.61	-13	Pass
2660	2750	1	CHP	7	2660.103	-41.23	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant11



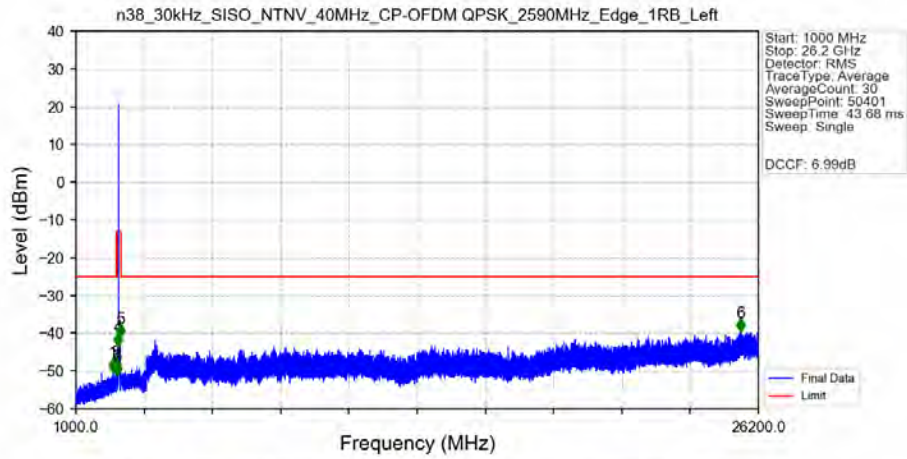
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.470	-52.15	-25	Pass
2490.5	2496	1	CHP	2	2493.330	-52.18	-13	Pass
2496	2530	1	CHP	3	2523.530	-51.79	-25	Pass
2530	2565	1	CHP	4	2552.175	-44.95	-13	Pass
2565	2569	1	CHP	5	2568.500	-40.85	-10	Pass
2569	2570	0.02	CHP	6	2569.955	-35.53	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	7	2620.690	-65.76	-10	Pass
2621	2625	1	CHP	8	2623.185	-51.22	-10	Pass
2625	2630	1	CHP	9	2629.370	-42.29	-13	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant11



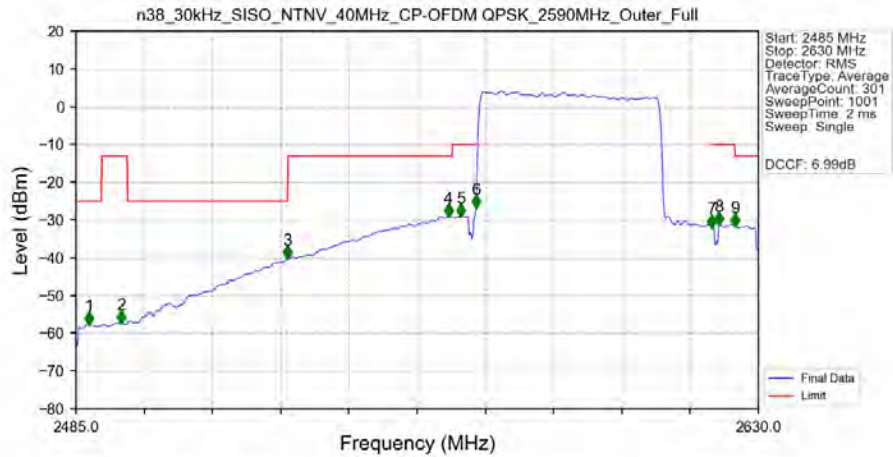
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	892.450	-54.96	-25	Pass

n38 30kHz SISO NTNv 40MHz CP-OFDM QPSK 2590MHz Edge 1RB Left Ant11



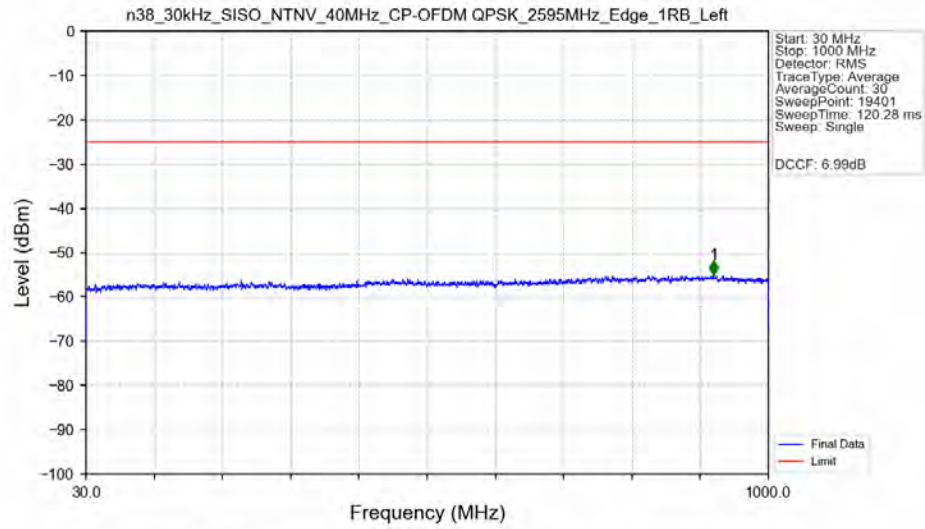
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2362.000	-49.95	-25	Pass
2490.5	2496	1	/	2	2494.500	-49.77	-13	Pass
2496	2530	1	/	3	2505.500	-50.84	-25	Pass
2530	2565	1	/	4	2563.500	-43.13	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2629.500	-40.92	-13	Pass
2660	26200	1	/	6	25542.500	-39.43	-25	Pass

n38 30kHz SISO NTNv 40MHz CP-OFDM QPSK 2590MHz Outer_Full Ant11

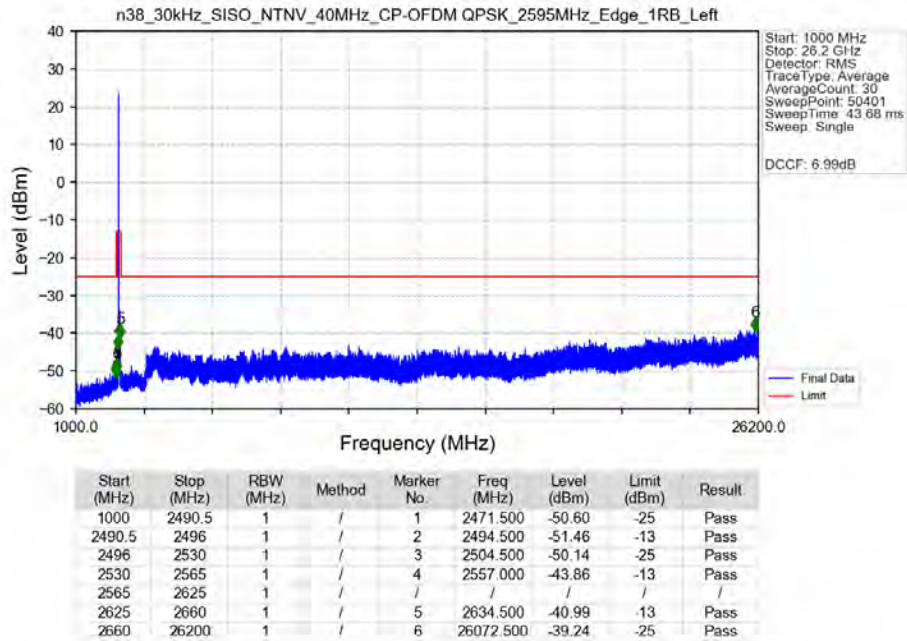


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.755	-57.56	-25	Pass
2490.5	2496	1	CHP	2	2494.570	-57.24	-13	Pass
2496	2530	1	CHP	3	2529.950	-40.22	-25	Pass
2530	2565	1	CHP	4	2564.170	-28.98	-13	Pass
2565	2569	1	CHP	5	2566.780	-28.99	-10	Pass
2569	2570	0.818	CHP	6	2569.970	-26.74	-10	Pass
2570	2620	0.818	CHP	/	/	/	/	/
2620	2621	0.818	CHP	7	2620.140	-31.92	-10	Pass
2621	2625	1	CHP	8	2621.590	-31.13	-10	Pass
2625	2630	1	CHP	9	2625.070	-31.56	-13	Pass

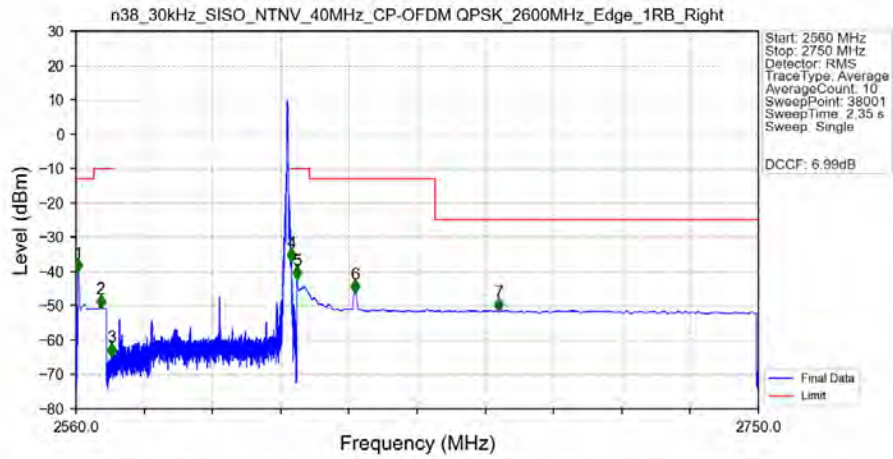
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant11

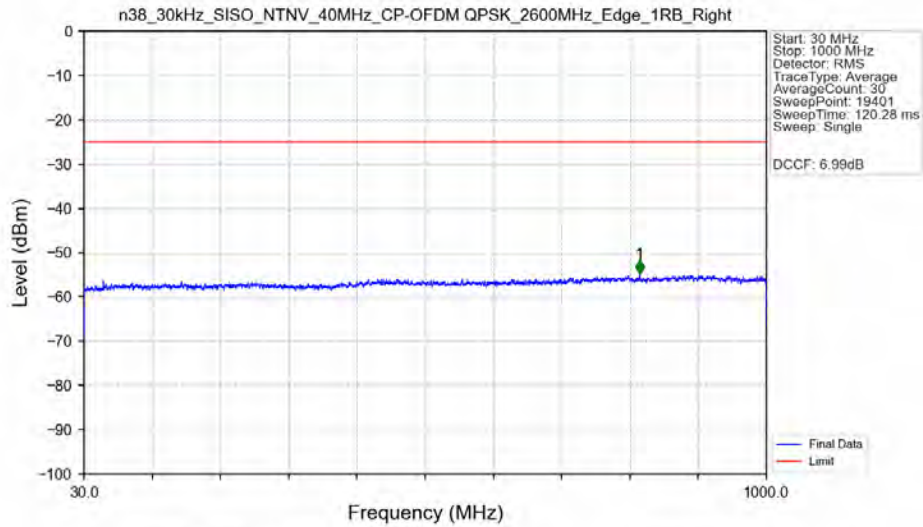


n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant11



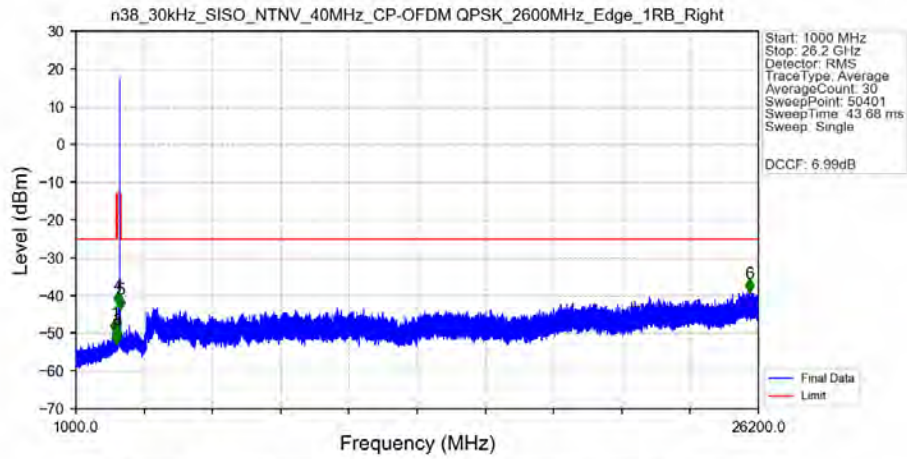
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.500	-39.87	-13	Pass
2565	2569	1	CHP	2	2566.890	-50.40	-10	Pass
2569	2570	0.02	CHP	3	2569.990	-64.50	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.010	-36.94	-10	Pass
2621	2625	1	CHP	5	2621.500	-41.99	-10	Pass
2625	2660	1	CHP	6	2637.655	-46.12	-13	Pass
2660	2750	1	CHP	7	2677.770	-51.31	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant11



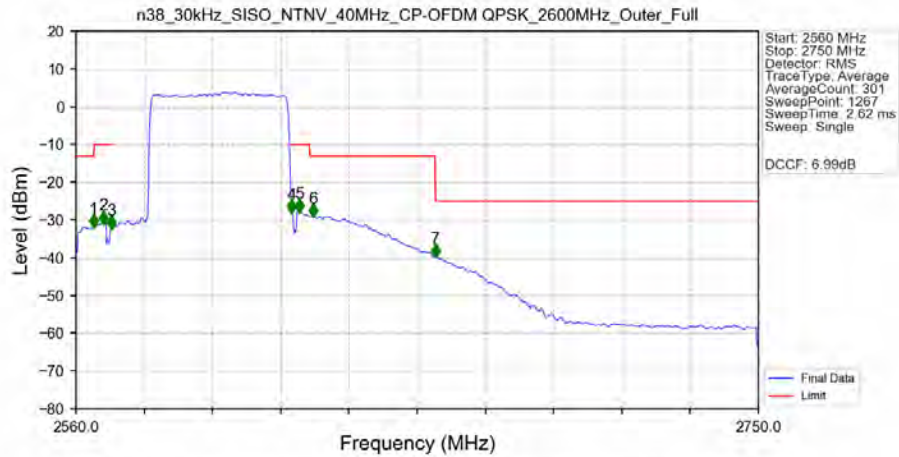
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	819.900	-54.74	25	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant11



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2442.500	-49.50	-25	Pass
2490.5	2496	1	/	2	2494.000	-52.54	-13	Pass
2496	2530	1	/	3	2512.500	-51.27	-25	Pass
2530	2565	1	/	4	2560.500	-42.23	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2637.500	-43.31	13	Pass
2660	26200	1	/	6	25875.500	-38.93	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2600MHz_Outer_Full_Ant11



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2564.953	-31.81	-13	Pass
2565	2569	1	CHP	2	2567.654	-30.85	-10	Pass
2569	2570	0.775	CHP	3	2569.905	-32.29	-10	Pass
2570	2620	0.775	CHP	/	/	/	/	/
2620	2621	0.775	CHP	4	2620.032	-27.96	-10	Pass
2621	2625	1	CHP	5	2622.283	-27.80	-10	Pass
2625	2660	1	CHP	6	2626.035	-29.04	-13	Pass
2660	2750	1	CHP	7	2660.103	-39.70	25	Pass

6. Field Strength of Spurious Radiation

NR N38 ANT11-Low channel, Modulation: QPSK, Bandwidth:40MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5144.0	-63.45	-25	-38.45	-69.06	4.62	10.23	Horizontal	Pass
7716.0	-52.66	-25	-27.66	-59.69	4.96	11.99	Horizontal	Pass
10288.0	-56.24	-25	-31.24	-63.81	5.51	13.08	Horizontal	Pass
5144.0	-61.22	-25	-36.22	-66.83	4.62	10.23	Vertical	Pass
7716.0	-52.85	-25	-27.85	-59.88	4.96	11.99	Vertical	Pass
10288.0	-54.87	-25	-29.87	-62.44	5.51	13.08	Vertical	Pass

NR N38 ANT11-Middle channel, Modulation: QPSK, Bandwidth:40MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5154.0	-62.82	-25	-37.82	-68.44	4.62	10.24	Horizontal	Pass
7731.0	-51.91	-25	-26.91	-58.96	4.96	12.01	Horizontal	Pass
10344.0	-56.27	-25	-31.27	-63.84	5.52	13.09	Horizontal	Pass
5154.0	-62.23	-25	-37.23	-67.85	4.62	10.24	Vertical	Pass
7731.0	-49.01	-25	-24.01	-56.06	4.96	12.01	Vertical	Pass
10344.0	-56.23	-25	-31.23	-63.8	5.52	13.09	Vertical	Pass

NR N38 ANT11-High channel, Modulation: QPSK, Bandwidth:40MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5164.0	-62.5	-25	-37.5	-68.12	4.62	10.24	Horizontal	Pass
7746.0	-52.53	-25	-27.53	-59.6	4.96	12.03	Horizontal	Pass
10328.0	-56.4	-25	-31.4	-63.98	5.51	13.09	Horizontal	Pass
5164.0	-62.02	-25	-37.02	-67.64	4.62	10.24	Vertical	Pass
7746.0	-49.45	-25	-24.45	-56.52	4.96	12.03	Vertical	Pass
10328.0	-56.32	-25	-31.32	-63.9	5.51	13.09	Vertical	Pass

NSA_4A_n38A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5144.0	-63.18	-25	-38.18	-68.79	4.62	10.23	Horizontal	Pass
7716.0	-51.05	-25	-26.05	-58.08	4.96	11.99	Horizontal	Pass
10288.0	-51.67	-25	-26.67	-59.24	5.51	13.08	Horizontal	Pass
5144.0	-58.11	-25	-33.11	-63.72	4.62	10.23	Vertical	Pass
7716.0	-55.2	-25	-30.2	-62.23	4.96	11.99	Vertical	Pass
10288.0	-51.18	-25	-26.18	-58.75	5.51	13.08	Vertical	Pass

NSA_4A_n38A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5154.0	-60.78	-25	-35.78	-66.4	4.62	10.24	Horizontal	Pass
7731.0	-50.35	-25	-25.35	-57.4	4.96	12.01	Horizontal	Pass
10344.0	-54.42	-25	-29.42	-61.99	5.52	13.09	Horizontal	Pass
5154.0	-57.44	-25	-32.44	-63.06	4.62	10.24	Vertical	Pass
7731.0	-46.37	-25	-21.37	-53.42	4.96	12.01	Vertical	Pass
10344.0	-50.58	-25	-25.58	-58.15	5.52	13.09	Vertical	Pass

NSA_4A_n38A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5164.0	-62.81	-25	-37.81	-68.43	4.62	10.24	Horizontal	Pass
7746.0	-51.37	-25	-26.37	-58.44	4.96	12.03	Horizontal	Pass
10328.0	-54.45	-25	-29.45	-62.03	5.51	13.09	Horizontal	Pass
5164.0	-54.85	-25	-29.85	-60.47	4.62	10.24	Vertical	Pass
7746.0	-45.3	-25	-20.3	-52.37	4.96	12.03	Vertical	Pass
10328.0	-45.24	-25	-20.24	-52.82	5.51	13.09	Vertical	Pass