

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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge_1RB_Left	22.98	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Right	22.94	/	/	23.69	/	/	<=33	Pass
		Outer_Full	22.94	/	/	23.69	/	/	<=33	Pass
		Inner_Full	23.57	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	23.43	/	/	24.18	/	/	<=33	Pass
	2575	Edge_1RB_Left	23.01	/	/	23.76	/	/	<=33	Pass
		Edge_1RB_Right	22.95	/	/	23.70	/	/	<=33	Pass
		Outer_Full	22.95	/	/	23.70	/	/	<=33	Pass
		Inner_Full	23.51	/	/	24.26	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	24.17	/	/	<=33	Pass
	2615	Edge_1RB_Left	22.74	/	/	23.49	/	/	<=33	Pass
		Edge_1RB_Right	22.59	/	/	23.34	/	/	<=33	Pass
		Outer_Full	22.80	/	/	23.55	/	/	<=33	Pass
		Inner_Full	23.31	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	23.86	/	/	<=33	Pass
DFT-s-OFDM QPSK	2595	Edge_1RB_Left	22.42	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	22.35	/	/	23.10	/	/	<=33	Pass
		Outer_Full	22.48	/	/	23.23	/	/	<=33	Pass
		Inner_Full	23.40	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Right	23.47	/	/	24.22	/	/	<=33	Pass
	2575	Edge_1RB_Left	22.48	/	/	23.23	/	/	<=33	Pass
		Edge_1RB_Right	22.39	/	/	23.14	/	/	<=33	Pass
		Outer_Full	22.42	/	/	23.17	/	/	<=33	Pass
		Inner_Full	23.42	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Right	23.41	/	/	24.16	/	/	<=33	Pass
	2615	Edge_1RB_Left	22.24	/	/	22.99	/	/	<=33	Pass
		Edge_1RB_Right	22.30	/	/	23.05	/	/	<=33	Pass
		Outer_Full	22.32	/	/	23.07	/	/	<=33	Pass
		Inner_Full	23.39	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	23.24	/	/	23.99	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2595	Edge_1RB_Left	21.51	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	21.40	/	/	22.15	/	/	<=33	Pass
		Outer_Full	21.60	/	/	22.35	/	/	<=33	Pass
		Inner_Full	22.63	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Left	22.28	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Right	22.26	/	/	23.01	/	/	<=33	Pass
	2575	Edge_1RB_Left	21.40	/	/	22.15	/	/	<=33	Pass
		Edge_1RB_Right	21.38	/	/	22.13	/	/	<=33	Pass
		Outer_Full	21.53	/	/	22.28	/	/	<=33	Pass
		Inner_Full	22.56	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Left	22.39	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	22.37	/	/	23.12	/	/	<=33	Pass
	2615	Edge_1RB_Left	21.24	/	/	21.99	/	/	<=33	Pass

		Edge 1RB Right	20.95	/	/	21.70	/	/	<=33	Pass
		Outer_Full	21.52	/	/	22.27	/	/	<=33	Pass
		Inner_Full	22.43	/	/	23.18	/	/	<=33	Pass
		Inner 1RB Left	22.19	/	/	22.94	/	/	<=33	Pass
		Inner 1RB Right	21.85	/	/	22.60	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2595	Edge 1RB Left	21.24	/	/	21.99	/	/	<=33	Pass
		Edge 1RB Right	21.11	/	/	21.86	/	/	<=33	Pass
		Outer_Full	21.33	/	/	22.08	/	/	<=33	Pass
		Inner_Full	21.21	/	/	21.96	/	/	<=33	Pass
		Inner 1RB Left	21.24	/	/	21.99	/	/	<=33	Pass
		Inner 1RB Right	21.20	/	/	21.95	/	/	<=33	Pass
	2575	Edge 1RB Left	21.25	/	/	22.00	/	/	<=33	Pass
		Edge 1RB Right	21.30	/	/	22.05	/	/	<=33	Pass
		Outer_Full	21.24	/	/	21.99	/	/	<=33	Pass
		Inner_Full	21.23	/	/	21.98	/	/	<=33	Pass
		Inner 1RB Left	21.34	/	/	22.09	/	/	<=33	Pass
		Inner 1RB Right	21.31	/	/	22.06	/	/	<=33	Pass
	2615	Edge 1RB Left	21.11	/	/	21.86	/	/	<=33	Pass
		Edge 1RB Right	20.98	/	/	21.73	/	/	<=33	Pass
		Outer_Full	21.15	/	/	21.90	/	/	<=33	Pass
		Inner_Full	21.01	/	/	21.76	/	/	<=33	Pass
		Inner 1RB Left	21.11	/	/	21.86	/	/	<=33	Pass
		Inner 1RB Right	20.89	/	/	21.64	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2595	Edge 1RB Left	19.18	/	/	19.93	/	/	<=33	Pass
		Edge 1RB Right	19.12	/	/	19.87	/	/	<=33	Pass
		Outer_Full	19.18	/	/	19.93	/	/	<=33	Pass
		Inner_Full	19.38	/	/	20.13	/	/	<=33	Pass
		Inner 1RB Left	19.12	/	/	19.87	/	/	<=33	Pass
		Inner 1RB Right	19.17	/	/	19.92	/	/	<=33	Pass
	2575	Edge 1RB Left	19.15	/	/	19.90	/	/	<=33	Pass
		Edge 1RB Right	19.18	/	/	19.93	/	/	<=33	Pass
		Outer_Full	19.25	/	/	20.00	/	/	<=33	Pass
		Inner_Full	19.34	/	/	20.09	/	/	<=33	Pass
		Inner 1RB Left	19.15	/	/	19.90	/	/	<=33	Pass
		Inner 1RB Right	19.12	/	/	19.87	/	/	<=33	Pass
	2615	Edge 1RB Left	19.00	/	/	19.75	/	/	<=33	Pass
		Edge 1RB Right	18.86	/	/	19.61	/	/	<=33	Pass
		Outer_Full	19.12	/	/	19.87	/	/	<=33	Pass
		Inner_Full	19.10	/	/	19.85	/	/	<=33	Pass
		Inner 1RB Left	19.03	/	/	19.78	/	/	<=33	Pass
		Inner 1RB Right	18.88	/	/	19.63	/	/	<=33	Pass
CP-OFDM QPSK	2595	Edge 1RB Left	20.56	/	/	21.31	/	/	<=33	Pass
		Edge 1RB Right	20.62	/	/	21.37	/	/	<=33	Pass
		Outer_Full	20.51	/	/	21.26	/	/	<=33	Pass
		Inner_Full	21.87	/	/	22.62	/	/	<=33	Pass
		Inner 1RB Left	21.77	/	/	22.52	/	/	<=33	Pass
		Inner 1RB Right	21.80	/	/	22.55	/	/	<=33	Pass
	2575	Edge 1RB Left	20.73	/	/	21.48	/	/	<=33	Pass
		Edge 1RB Right	20.75	/	/	21.50	/	/	<=33	Pass
		Outer_Full	20.59	/	/	21.34	/	/	<=33	Pass
		Inner_Full	21.94	/	/	22.69	/	/	<=33	Pass
		Inner 1RB Left	22.11	/	/	22.86	/	/	<=33	Pass
		Inner 1RB Right	21.90	/	/	22.65	/	/	<=33	Pass
	2615	Edge 1RB Left	20.37	/	/	21.12	/	/	<=33	Pass
		Edge 1RB Right	20.24	/	/	20.99	/	/	<=33	Pass
		Outer_Full	20.39	/	/	21.14	/	/	<=33	Pass
		Inner_Full	21.54	/	/	22.29	/	/	<=33	Pass
		Inner 1RB Left	21.58	/	/	22.33	/	/	<=33	Pass
		Inner 1RB Right	21.54	/	/	22.29	/	/	<=33	Pass

CP-OFDM 16 QAM	2595	Edge 1RB Left	20.46	/	/	21.21	/	/	<=33	Pass
		Edge 1RB Right	20.35	/	/	21.10	/	/	<=33	Pass
		Outer_Full	20.55	/	/	21.30	/	/	<=33	Pass
		Inner_Full	21.60	/	/	22.35	/	/	<=33	Pass
		Inner 1RB Left	21.07	/	/	21.82	/	/	<=33	Pass
		Inner 1RB Right	21.10	/	/	21.85	/	/	<=33	Pass
	2575	Edge 1RB Left	20.36	/	/	21.11	/	/	<=33	Pass
		Edge 1RB Right	20.48	/	/	21.23	/	/	<=33	Pass
		Outer_Full	20.61	/	/	21.36	/	/	<=33	Pass
		Inner_Full	21.57	/	/	22.32	/	/	<=33	Pass
		Inner 1RB Left	21.27	/	/	22.02	/	/	<=33	Pass
		Inner 1RB Right	21.07	/	/	21.82	/	/	<=33	Pass
	2615	Edge 1RB Left	20.00	/	/	20.75	/	/	<=33	Pass
		Edge 1RB Right	20.03	/	/	20.78	/	/	<=33	Pass
		Outer_Full	20.44	/	/	21.19	/	/	<=33	Pass
		Inner_Full	21.37	/	/	22.12	/	/	<=33	Pass
		Inner 1RB Left	20.98	/	/	21.73	/	/	<=33	Pass
		Inner 1RB Right	20.69	/	/	21.44	/	/	<=33	Pass
CP-OFDM 64 QAM	2595	Edge 1RB Left	20.19	/	/	20.94	/	/	<=33	Pass
		Edge 1RB Right	20.33	/	/	21.08	/	/	<=33	Pass
		Outer_Full	20.13	/	/	20.88	/	/	<=33	Pass
		Inner_Full	20.22	/	/	20.97	/	/	<=33	Pass
		Inner 1RB Left	20.29	/	/	21.04	/	/	<=33	Pass
		Inner 1RB Right	20.26	/	/	21.01	/	/	<=33	Pass
	2575	Edge 1RB Left	20.37	/	/	21.12	/	/	<=33	Pass
		Edge 1RB Right	20.35	/	/	21.10	/	/	<=33	Pass
		Outer_Full	20.17	/	/	20.92	/	/	<=33	Pass
		Inner_Full	20.18	/	/	20.93	/	/	<=33	Pass
		Inner 1RB Left	20.36	/	/	21.11	/	/	<=33	Pass
		Inner 1RB Right	20.29	/	/	21.04	/	/	<=33	Pass
	2615	Edge 1RB Left	20.03	/	/	20.78	/	/	<=33	Pass
		Edge 1RB Right	19.93	/	/	20.68	/	/	<=33	Pass
		Outer_Full	19.90	/	/	20.65	/	/	<=33	Pass
		Inner_Full	19.98	/	/	20.73	/	/	<=33	Pass
		Inner 1RB Left	20.14	/	/	20.89	/	/	<=33	Pass
		Inner 1RB Right	20.02	/	/	20.77	/	/	<=33	Pass
CP-OFDM 256 QAM	2595	Edge 1RB Left	17.28	/	/	18.03	/	/	<=33	Pass
		Edge 1RB Right	17.30	/	/	18.05	/	/	<=33	Pass
		Outer_Full	17.21	/	/	17.96	/	/	<=33	Pass
		Inner_Full	17.30	/	/	18.05	/	/	<=33	Pass
		Inner 1RB Left	17.32	/	/	18.07	/	/	<=33	Pass
		Inner 1RB Right	17.39	/	/	18.14	/	/	<=33	Pass
	2575	Edge 1RB Left	17.27	/	/	18.02	/	/	<=33	Pass
		Edge 1RB Right	17.28	/	/	18.03	/	/	<=33	Pass
		Outer_Full	17.17	/	/	17.92	/	/	<=33	Pass
		Inner_Full	17.36	/	/	18.11	/	/	<=33	Pass
		Inner 1RB Left	17.36	/	/	18.11	/	/	<=33	Pass
		Inner 1RB Right	17.25	/	/	18.00	/	/	<=33	Pass
	2615	Edge 1RB Left	17.15	/	/	17.90	/	/	<=33	Pass
		Edge 1RB Right	17.09	/	/	17.84	/	/	<=33	Pass
		Outer_Full	16.98	/	/	17.73	/	/	<=33	Pass
		Inner_Full	17.00	/	/	17.75	/	/	<=33	Pass
		Inner 1RB Left	17.12	/	/	17.87	/	/	<=33	Pass
		Inner 1RB Right	17.05	/	/	17.80	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.75dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge 1RB Left	22.97	/	/	23.72	/	/	<=33	Pass
		Edge 1RB Right	22.95	/	/	23.70	/	/	<=33	Pass
		Outer Full	22.94	/	/	23.69	/	/	<=33	Pass
		Inner Full	23.41	/	/	24.16	/	/	<=33	Pass
		Inner 1RB Left	23.44	/	/	24.19	/	/	<=33	Pass
		Inner 1RB Right	23.45	/	/	24.20	/	/	<=33	Pass
	2577.5	Edge 1RB Left	22.98	/	/	23.73	/	/	<=33	Pass
		Edge 1RB Right	22.96	/	/	23.71	/	/	<=33	Pass
		Outer Full	23.00	/	/	23.75	/	/	<=33	Pass
		Inner Full	23.55	/	/	24.30	/	/	<=33	Pass
		Inner 1RB Left	23.49	/	/	24.24	/	/	<=33	Pass
		Inner 1RB Right	23.35	/	/	24.10	/	/	<=33	Pass
	2612.5	Edge 1RB Left	23.02	/	/	23.77	/	/	<=33	Pass
		Edge 1RB Right	22.95	/	/	23.70	/	/	<=33	Pass
		Outer Full	22.91	/	/	23.66	/	/	<=33	Pass
		Inner Full	23.39	/	/	24.14	/	/	<=33	Pass
		Inner 1RB Left	23.49	/	/	24.24	/	/	<=33	Pass
		Inner 1RB Right	23.13	/	/	23.88	/	/	<=33	Pass
DFT-s-OFDM QPSK	2595	Edge 1RB Left	22.36	/	/	23.11	/	/	<=33	Pass
		Edge 1RB Right	22.41	/	/	23.16	/	/	<=33	Pass
		Outer Full	22.44	/	/	23.19	/	/	<=33	Pass
		Inner Full	23.39	/	/	24.14	/	/	<=33	Pass
		Inner 1RB Left	23.29	/	/	24.04	/	/	<=33	Pass
		Inner 1RB Right	23.31	/	/	24.06	/	/	<=33	Pass
	2577.5	Edge 1RB Left	22.46	/	/	23.21	/	/	<=33	Pass
		Edge 1RB Right	22.39	/	/	23.14	/	/	<=33	Pass
		Outer Full	22.60	/	/	23.35	/	/	<=33	Pass
		Inner Full	23.47	/	/	24.22	/	/	<=33	Pass
		Inner 1RB Left	23.40	/	/	24.15	/	/	<=33	Pass
		Inner 1RB Right	23.40	/	/	24.15	/	/	<=33	Pass
	2612.5	Edge 1RB Left	22.45	/	/	23.20	/	/	<=33	Pass
		Edge 1RB Right	22.26	/	/	23.01	/	/	<=33	Pass
		Outer Full	22.41	/	/	23.16	/	/	<=33	Pass
		Inner Full	23.36	/	/	24.11	/	/	<=33	Pass
		Inner 1RB Left	23.36	/	/	24.11	/	/	<=33	Pass
		Inner 1RB Right	23.16	/	/	23.91	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2595	Edge 1RB Left	21.20	/	/	21.95	/	/	<=33	Pass
		Edge 1RB Right	21.24	/	/	21.99	/	/	<=33	Pass
		Outer Full	21.52	/	/	22.27	/	/	<=33	Pass
		Inner Full	22.47	/	/	23.22	/	/	<=33	Pass
		Inner 1RB Left	22.18	/	/	22.93	/	/	<=33	Pass
		Inner 1RB Right	22.19	/	/	22.94	/	/	<=33	Pass
	2577.5	Edge 1RB Left	21.42	/	/	22.17	/	/	<=33	Pass
		Edge 1RB Right	21.31	/	/	22.06	/	/	<=33	Pass
		Outer Full	21.48	/	/	22.23	/	/	<=33	Pass
		Inner Full	22.60	/	/	23.35	/	/	<=33	Pass
		Inner 1RB Left	22.35	/	/	23.10	/	/	<=33	Pass
		Inner 1RB Right	22.26	/	/	23.01	/	/	<=33	Pass
	2612.5	Edge 1RB Left	21.34	/	/	22.09	/	/	<=33	Pass
		Edge 1RB Right	21.20	/	/	21.95	/	/	<=33	Pass
		Outer Full	21.62	/	/	22.37	/	/	<=33	Pass
		Inner Full	22.50	/	/	23.25	/	/	<=33	Pass
		Inner 1RB Left	22.14	/	/	22.89	/	/	<=33	Pass
		Inner 1RB Right	22.00	/	/	22.75	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2595	Edge 1RB Left	21.26	/	/	22.01	/	/	<=33	Pass
		Edge 1RB Right	21.18	/	/	21.93	/	/	<=33	Pass

		Outer_Full	21.19	/	/	21.94	/	/	<=33	Pass
		Inner_Full	21.26	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	21.25	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.20	/	/	21.95	/	/	<=33	Pass
	2577.5	Edge_1RB_Left	21.39	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Right	21.31	/	/	22.06	/	/	<=33	Pass
		Outer_Full	21.25	/	/	22.00	/	/	<=33	Pass
		Inner_Full	21.32	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	21.33	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	21.30	/	/	22.05	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	21.21	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	21.04	/	/	21.79	/	/	<=33	Pass
		Outer_Full	21.19	/	/	21.94	/	/	<=33	Pass
		Inner_Full	21.24	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Right	20.98	/	/	21.73	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2595	Edge_1RB_Left	19.15	/	/	19.90	/	/	<=33	Pass
		Edge_1RB_Right	19.12	/	/	19.87	/	/	<=33	Pass
		Outer_Full	19.17	/	/	19.92	/	/	<=33	Pass
		Inner_Full	19.20	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	19.88	/	/	<=33	Pass
		Inner_1RB_Right	19.13	/	/	19.88	/	/	<=33	Pass
	2577.5	Edge_1RB_Left	19.15	/	/	19.90	/	/	<=33	Pass
		Edge_1RB_Right	19.20	/	/	19.95	/	/	<=33	Pass
		Outer_Full	19.23	/	/	19.98	/	/	<=33	Pass
		Inner_Full	19.25	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Right	19.23	/	/	19.98	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	19.20	/	/	19.95	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	19.75	/	/	<=33	Pass
		Outer_Full	19.13	/	/	19.88	/	/	<=33	Pass
		Inner_Full	19.19	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	19.93	/	/	<=33	Pass
		Inner_1RB_Right	19.01	/	/	19.76	/	/	<=33	Pass
CP-OFDM QPSK	2595	Edge_1RB_Left	20.54	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	21.33	/	/	<=33	Pass
		Outer_Full	20.64	/	/	21.39	/	/	<=33	Pass
		Inner_Full	22.12	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Right	21.77	/	/	22.52	/	/	<=33	Pass
	2577.5	Edge_1RB_Left	20.54	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	20.61	/	/	21.36	/	/	<=33	Pass
		Outer_Full	20.62	/	/	21.37	/	/	<=33	Pass
		Inner_Full	22.01	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Left	22.01	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	22.02	/	/	22.77	/	/	<=33	Pass
	2612.5	Edge_1RB_Left	20.66	/	/	21.41	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	21.24	/	/	<=33	Pass
		Outer_Full	20.62	/	/	21.37	/	/	<=33	Pass
		Inner_Full	22.08	/	/	22.83	/	/	<=33	Pass
		Inner_1RB_Left	21.59	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Right	21.54	/	/	22.29	/	/	<=33	Pass
CP-OFDM 16 QAM	2595	Edge_1RB_Left	20.28	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	21.04	/	/	<=33	Pass
		Outer_Full	20.68	/	/	21.43	/	/	<=33	Pass
		Inner_Full	21.37	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Left	21.25	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	21.75	/	/	<=33	Pass
	2577.5	Edge_1RB_Left	20.45	/	/	21.20	/	/	<=33	Pass

		Edge 1RB Right	20.44	/	/	21.19	/	/	<=33	Pass
		Outer Full	20.73	/	/	21.48	/	/	<=33	Pass
		Inner Full	21.45	/	/	22.20	/	/	<=33	Pass
		Inner 1RB Left	21.25	/	/	22.00	/	/	<=33	Pass
		Inner 1RB Right	21.20	/	/	21.95	/	/	<=33	Pass
	2612.5	Edge 1RB Left	20.35	/	/	21.10	/	/	<=33	Pass
		Edge 1RB Right	20.05	/	/	20.80	/	/	<=33	Pass
		Outer Full	20.67	/	/	21.42	/	/	<=33	Pass
		Inner Full	21.35	/	/	22.10	/	/	<=33	Pass
		Inner 1RB Left	21.22	/	/	21.97	/	/	<=33	Pass
	Inner 1RB Right	20.79	/	/	21.54	/	/	<=33	Pass	
CP-OFDM 64 QAM	2595	Edge 1RB Left	20.31	/	/	21.06	/	/	<=33	Pass
		Edge 1RB Right	20.23	/	/	20.98	/	/	<=33	Pass
		Outer Full	20.18	/	/	20.93	/	/	<=33	Pass
		Inner Full	20.12	/	/	20.87	/	/	<=33	Pass
		Inner 1RB Left	20.17	/	/	20.92	/	/	<=33	Pass
		Inner 1RB Right	20.16	/	/	20.91	/	/	<=33	Pass
	2577.5	Edge 1RB Left	20.29	/	/	21.04	/	/	<=33	Pass
		Edge 1RB Right	20.27	/	/	21.02	/	/	<=33	Pass
		Outer Full	20.25	/	/	21.00	/	/	<=33	Pass
		Inner Full	20.21	/	/	20.96	/	/	<=33	Pass
		Inner 1RB Left	20.30	/	/	21.05	/	/	<=33	Pass
		Inner 1RB Right	20.29	/	/	21.04	/	/	<=33	Pass
	2612.5	Edge 1RB Left	20.32	/	/	21.07	/	/	<=33	Pass
		Edge 1RB Right	20.05	/	/	20.80	/	/	<=33	Pass
		Outer Full	20.14	/	/	20.89	/	/	<=33	Pass
Inner Full		20.04	/	/	20.79	/	/	<=33	Pass	
Inner 1RB Left		20.34	/	/	21.09	/	/	<=33	Pass	
	Inner 1RB Right	20.00	/	/	20.75	/	/	<=33	Pass	
CP-OFDM 256 QAM	2595	Edge 1RB Left	17.23	/	/	17.98	/	/	<=33	Pass
		Edge 1RB Right	17.21	/	/	17.96	/	/	<=33	Pass
		Outer Full	17.26	/	/	18.01	/	/	<=33	Pass
		Inner Full	17.31	/	/	18.06	/	/	<=33	Pass
		Inner 1RB Left	17.27	/	/	18.02	/	/	<=33	Pass
		Inner 1RB Right	17.27	/	/	18.02	/	/	<=33	Pass
	2577.5	Edge 1RB Left	17.27	/	/	18.02	/	/	<=33	Pass
		Edge 1RB Right	17.28	/	/	18.03	/	/	<=33	Pass
		Outer Full	17.30	/	/	18.05	/	/	<=33	Pass
		Inner Full	17.38	/	/	18.13	/	/	<=33	Pass
		Inner 1RB Left	17.37	/	/	18.12	/	/	<=33	Pass
		Inner 1RB Right	17.32	/	/	18.07	/	/	<=33	Pass
	2612.5	Edge 1RB Left	17.27	/	/	18.02	/	/	<=33	Pass
		Edge 1RB Right	17.10	/	/	17.85	/	/	<=33	Pass
		Outer Full	17.19	/	/	17.94	/	/	<=33	Pass
Inner Full		17.28	/	/	18.03	/	/	<=33	Pass	
Inner 1RB Left		17.35	/	/	18.10	/	/	<=33	Pass	
	Inner 1RB Right	17.14	/	/	17.89	/	/	<=33	Pass	
Note1: Antenna Gain: Ant31: 0.75dBi; 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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge 1RB Left	22.96	/	/	23.71	/	/	<=33	Pass
		Edge 1RB Right	22.83	/	/	23.58	/	/	<=33	Pass
		Outer_Full	23.01	/	/	23.76	/	/	<=33	Pass

		Inner_Full	23.42	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Left	23.43	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	24.08	/	/	<=33	Pass
	2580	Edge_1RB_Left	23.05	/	/	23.80	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	23.76	/	/	<=33	Pass
		Outer_Full	23.03	/	/	23.78	/	/	<=33	Pass
		Inner_Full	23.61	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	24.08	/	/	<=33	Pass
		Edge_1RB_Left	22.98	/	/	23.73	/	/	<=33	Pass
	2610	Edge_1RB_Right	22.82	/	/	23.57	/	/	<=33	Pass
		Outer_Full	22.90	/	/	23.65	/	/	<=33	Pass
		Inner_Full	23.54	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Right	23.09	/	/	23.84	/	/	<=33	Pass
DFT-s-OFDM QPSK	2595	Edge_1RB_Left	22.52	/	/	23.27	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	23.23	/	/	<=33	Pass
		Outer_Full	22.53	/	/	23.28	/	/	<=33	Pass
		Inner_Full	23.56	/	/	24.31	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	24.03	/	/	<=33	Pass
	2580	Edge_1RB_Left	22.50	/	/	23.25	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	23.22	/	/	<=33	Pass
		Outer_Full	22.59	/	/	23.34	/	/	<=33	Pass
		Inner_Full	23.62	/	/	24.37	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Right	23.37	/	/	24.12	/	/	<=33	Pass
	2610	Edge_1RB_Left	22.60	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	22.39	/	/	23.14	/	/	<=33	Pass
		Outer_Full	22.50	/	/	23.25	/	/	<=33	Pass
		Inner_Full	23.43	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	23.81	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2595	Edge_1RB_Left	21.24	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	21.37	/	/	22.12	/	/	<=33	Pass
		Outer_Full	21.61	/	/	22.36	/	/	<=33	Pass
		Inner_Full	22.55	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	22.25	/	/	23.00	/	/	<=33	Pass
	2580	Edge_1RB_Left	21.50	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	21.34	/	/	22.09	/	/	<=33	Pass
		Outer_Full	21.67	/	/	22.42	/	/	<=33	Pass
		Inner_Full	22.56	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Left	22.35	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	23.09	/	/	<=33	Pass
	2610	Edge_1RB_Left	21.30	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	21.42	/	/	22.17	/	/	<=33	Pass
		Outer_Full	21.60	/	/	22.35	/	/	<=33	Pass
		Inner_Full	22.52	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Right	22.36	/	/	23.11	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2595	Edge_1RB_Left	21.32	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	21.19	/	/	21.94	/	/	<=33	Pass
		Outer_Full	21.17	/	/	21.92	/	/	<=33	Pass
		Inner_Full	21.24	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Right	21.22	/	/	21.97	/	/	<=33	Pass
	2580	Edge_1RB_Left	21.37	/	/	22.12	/	/	<=33	Pass
		Edge_1RB_Right	21.34	/	/	22.09	/	/	<=33	Pass

		Outer_Full	21.22	/	/	21.97	/	/	<=33	Pass
		Inner_Full	21.29	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	21.37	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Right	21.35	/	/	22.10	/	/	<=33	Pass
	2610	Edge_1RB_Left	21.26	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	20.97	/	/	21.72	/	/	<=33	Pass
		Outer_Full	21.13	/	/	21.88	/	/	<=33	Pass
		Inner_Full	21.22	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Left	21.27	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Right	20.95	/	/	21.70	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2595	Edge_1RB_Left	19.17	/	/	19.92	/	/	<=33	Pass
		Edge_1RB_Right	19.15	/	/	19.90	/	/	<=33	Pass
		Outer_Full	19.18	/	/	19.93	/	/	<=33	Pass
		Inner_Full	19.23	/	/	19.98	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	19.88	/	/	<=33	Pass
		Inner_1RB_Right	19.14	/	/	19.89	/	/	<=33	Pass
	2580	Edge_1RB_Left	19.26	/	/	20.01	/	/	<=33	Pass
		Edge_1RB_Right	19.26	/	/	20.01	/	/	<=33	Pass
		Outer_Full	19.24	/	/	19.99	/	/	<=33	Pass
		Inner_Full	19.27	/	/	20.02	/	/	<=33	Pass
		Inner_1RB_Left	19.25	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Right	19.24	/	/	19.99	/	/	<=33	Pass
	2610	Edge_1RB_Left	19.18	/	/	19.93	/	/	<=33	Pass
		Edge_1RB_Right	18.95	/	/	19.70	/	/	<=33	Pass
		Outer_Full	19.14	/	/	19.89	/	/	<=33	Pass
		Inner_Full	19.16	/	/	19.91	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Right	18.98	/	/	19.73	/	/	<=33	Pass
CP-OFDM QPSK	2595	Edge_1RB_Left	20.62	/	/	21.37	/	/	<=33	Pass
		Edge_1RB_Right	20.65	/	/	21.40	/	/	<=33	Pass
		Outer_Full	20.61	/	/	21.36	/	/	<=33	Pass
		Inner_Full	21.99	/	/	22.74	/	/	<=33	Pass
		Inner_1RB_Left	22.06	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Right	21.90	/	/	22.65	/	/	<=33	Pass
	2580	Edge_1RB_Left	20.75	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	21.50	/	/	<=33	Pass
		Outer_Full	20.73	/	/	21.48	/	/	<=33	Pass
		Inner_Full	21.98	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Left	22.09	/	/	22.84	/	/	<=33	Pass
		Inner_1RB_Right	22.20	/	/	22.95	/	/	<=33	Pass
	2610	Edge_1RB_Left	20.63	/	/	21.38	/	/	<=33	Pass
		Edge_1RB_Right	20.44	/	/	21.19	/	/	<=33	Pass
		Outer_Full	20.59	/	/	21.34	/	/	<=33	Pass
		Inner_Full	21.86	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Left	22.32	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	22.30	/	/	23.05	/	/	<=33	Pass
CP-OFDM 16 QAM	2595	Edge_1RB_Left	20.29	/	/	21.04	/	/	<=33	Pass
		Edge_1RB_Right	20.37	/	/	21.12	/	/	<=33	Pass
		Outer_Full	20.53	/	/	21.28	/	/	<=33	Pass
		Inner_Full	21.65	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	21.85	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	21.75	/	/	<=33	Pass
	2580	Edge_1RB_Left	20.33	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	21.11	/	/	<=33	Pass
		Outer_Full	20.60	/	/	21.35	/	/	<=33	Pass
		Inner_Full	21.61	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Left	21.36	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	21.28	/	/	22.03	/	/	<=33	Pass
	2610	Edge_1RB_Left	20.41	/	/	21.16	/	/	<=33	Pass

		Edge 1RB Right	20.17	/	/	20.92	/	/	<=33	Pass
		Outer_Full	20.53	/	/	21.28	/	/	<=33	Pass
		Inner_Full	21.59	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Left	21.14	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	20.98	/	/	21.73	/	/	<=33	Pass
CP-OFDM 64 QAM	2595	Edge_1RB_Left	20.26	/	/	21.01	/	/	<=33	Pass
		Edge_1RB_Right	20.30	/	/	21.05	/	/	<=33	Pass
		Outer_Full	20.14	/	/	20.89	/	/	<=33	Pass
		Inner_Full	20.24	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	20.99	/	/	<=33	Pass
		Inner_1RB_Right	20.17	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Left	20.32	/	/	21.07	/	/	<=33	Pass
	2580	Edge_1RB_Right	20.40	/	/	21.15	/	/	<=33	Pass
		Outer_Full	20.26	/	/	21.01	/	/	<=33	Pass
		Inner_Full	20.30	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Right	20.25	/	/	21.00	/	/	<=33	Pass
	2610	Edge_1RB_Left	20.25	/	/	21.00	/	/	<=33	Pass
		Edge_1RB_Right	20.04	/	/	20.79	/	/	<=33	Pass
		Outer_Full	20.16	/	/	20.91	/	/	<=33	Pass
		Inner_Full	20.26	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Right	20.00	/	/	20.75	/	/	<=33	Pass
CP-OFDM 256 QAM	2595	Edge_1RB_Left	17.31	/	/	18.06	/	/	<=33	Pass
		Edge_1RB_Right	17.27	/	/	18.02	/	/	<=33	Pass
		Outer_Full	17.20	/	/	17.95	/	/	<=33	Pass
		Inner_Full	17.27	/	/	18.02	/	/	<=33	Pass
		Inner_1RB_Left	17.37	/	/	18.12	/	/	<=33	Pass
		Inner_1RB_Right	17.34	/	/	18.09	/	/	<=33	Pass
	2580	Edge_1RB_Left	17.40	/	/	18.15	/	/	<=33	Pass
		Edge_1RB_Right	17.43	/	/	18.18	/	/	<=33	Pass
		Outer_Full	17.31	/	/	18.06	/	/	<=33	Pass
		Inner_Full	17.28	/	/	18.03	/	/	<=33	Pass
		Inner_1RB_Left	17.34	/	/	18.09	/	/	<=33	Pass
		Inner_1RB_Right	17.46	/	/	18.21	/	/	<=33	Pass
	2610	Edge_1RB_Left	17.30	/	/	18.05	/	/	<=33	Pass
		Edge_1RB_Right	17.11	/	/	17.86	/	/	<=33	Pass
		Outer_Full	17.19	/	/	17.94	/	/	<=33	Pass
		Inner_Full	17.20	/	/	17.95	/	/	<=33	Pass
		Inner_1RB_Left	17.37	/	/	18.12	/	/	<=33	Pass
	Inner_1RB_Right	17.09	/	/	17.84	/	/	<=33	Pass	
Note1: Antenna Gain: Ant31: 0.75dBi; 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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge 1RB Left	22.79	/	/	23.54	/	/	<=33	Pass
		Edge 1RB Right	22.95	/	/	23.70	/	/	<=33	Pass
		Outer_Full	22.97	/	/	23.72	/	/	<=33	Pass
		Inner_Full	23.46	/	/	24.21	/	/	<=33	Pass
		Inner 1RB Left	23.31	/	/	24.06	/	/	<=33	Pass
		Inner 1RB Right	23.34	/	/	24.09	/	/	<=33	Pass
	2582.5	Edge 1RB Left	22.95	/	/	23.70	/	/	<=33	Pass
		Edge 1RB Right	23.11	/	/	23.86	/	/	<=33	Pass
		Outer_Full	23.07	/	/	23.82	/	/	<=33	Pass

		Inner_Full	23.46	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	23.53	/	/	24.28	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	22.85	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	23.46	/	/	<=33	Pass
		Outer_Full	22.99	/	/	23.74	/	/	<=33	Pass
		Inner_Full	23.48	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Left	23.28	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	23.85	/	/	<=33	Pass
DFT-s-OFDM QPSK	2595	Edge_1RB_Left	22.35	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	23.02	/	/	<=33	Pass
		Outer_Full	22.55	/	/	23.30	/	/	<=33	Pass
		Inner_Full	23.38	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Left	23.30	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Right	23.52	/	/	24.27	/	/	<=33	Pass
	2582.5	Edge_1RB_Left	22.44	/	/	23.19	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	23.22	/	/	<=33	Pass
		Outer_Full	22.64	/	/	23.39	/	/	<=33	Pass
		Inner_Full	23.51	/	/	24.26	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Right	23.50	/	/	24.25	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	22.53	/	/	23.28	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	23.15	/	/	<=33	Pass
		Outer_Full	22.56	/	/	23.31	/	/	<=33	Pass
		Inner_Full	23.55	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Right	23.24	/	/	23.99	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2595	Edge_1RB_Left	21.34	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	21.14	/	/	21.89	/	/	<=33	Pass
		Outer_Full	21.62	/	/	22.37	/	/	<=33	Pass
		Inner_Full	22.51	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Left	22.23	/	/	22.98	/	/	<=33	Pass
		Inner_1RB_Right	22.28	/	/	23.03	/	/	<=33	Pass
	2582.5	Edge_1RB_Left	21.32	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	21.44	/	/	22.19	/	/	<=33	Pass
		Outer_Full	21.58	/	/	22.33	/	/	<=33	Pass
		Inner_Full	22.51	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Left	22.32	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	22.44	/	/	23.19	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	21.26	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	21.32	/	/	22.07	/	/	<=33	Pass
		Outer_Full	21.56	/	/	22.31	/	/	<=33	Pass
		Inner_Full	22.41	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	23.13	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2595	Edge_1RB_Left	21.20	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	21.14	/	/	21.89	/	/	<=33	Pass
		Outer_Full	21.15	/	/	21.90	/	/	<=33	Pass
		Inner_Full	21.27	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Left	21.15	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Right	21.13	/	/	21.88	/	/	<=33	Pass
	2582.5	Edge_1RB_Left	21.25	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	21.30	/	/	22.05	/	/	<=33	Pass
		Outer_Full	21.24	/	/	21.99	/	/	<=33	Pass
		Inner_Full	21.28	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Left	21.25	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.37	/	/	22.12	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	21.23	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	21.58	/	/	<=33	Pass

		Outer_Full	21.15	/	/	21.90	/	/	<=33	Pass
		Inner_Full	21.29	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	21.20	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	20.87	/	/	21.62	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2595	Edge_1RB_Left	19.02	/	/	19.77	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	19.81	/	/	<=33	Pass
		Outer_Full	19.17	/	/	19.92	/	/	<=33	Pass
		Inner_Full	19.17	/	/	19.92	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	19.84	/	/	<=33	Pass
		Inner_1RB_Right	19.05	/	/	19.80	/	/	<=33	Pass
		Edge_1RB_Left	19.10	/	/	19.85	/	/	<=33	Pass
		Edge_1RB_Right	19.22	/	/	19.97	/	/	<=33	Pass
	2582.5	Outer_Full	19.26	/	/	20.01	/	/	<=33	Pass
		Inner_Full	19.17	/	/	19.92	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	19.92	/	/	<=33	Pass
		Inner_1RB_Right	19.23	/	/	19.98	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	19.16	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	18.84	/	/	19.59	/	/	<=33	Pass
		Outer_Full	19.14	/	/	19.89	/	/	<=33	Pass
		Inner_Full	19.14	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	19.92	/	/	<=33	Pass
		Inner_1RB_Right	18.84	/	/	19.59	/	/	<=33	Pass
CP-OFDM QPSK	2595	Edge_1RB_Left	20.48	/	/	21.23	/	/	<=33	Pass
		Edge_1RB_Right	20.59	/	/	21.34	/	/	<=33	Pass
		Outer_Full	20.54	/	/	21.29	/	/	<=33	Pass
		Inner_Full	21.90	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Left	21.78	/	/	22.53	/	/	<=33	Pass
		Inner_1RB_Right	21.82	/	/	22.57	/	/	<=33	Pass
	2582.5	Edge_1RB_Left	20.55	/	/	21.30	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	21.52	/	/	<=33	Pass
		Outer_Full	20.63	/	/	21.38	/	/	<=33	Pass
		Inner_Full	21.94	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Left	22.00	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Right	21.99	/	/	22.74	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	20.49	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Right	20.19	/	/	20.94	/	/	<=33	Pass
		Outer_Full	20.52	/	/	21.27	/	/	<=33	Pass
		Inner_Full	21.95	/	/	22.70	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Right	21.67	/	/	22.42	/	/	<=33	Pass
CP-OFDM 16 QAM	2595	Edge_1RB_Left	20.27	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	20.20	/	/	20.95	/	/	<=33	Pass
		Outer_Full	20.58	/	/	21.33	/	/	<=33	Pass
		Inner_Full	21.61	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Left	20.98	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Right	20.96	/	/	21.71	/	/	<=33	Pass
	2582.5	Edge_1RB_Left	20.42	/	/	21.17	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	21.14	/	/	<=33	Pass
		Outer_Full	20.69	/	/	21.44	/	/	<=33	Pass
		Inner_Full	21.49	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Left	21.26	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	21.86	/	/	<=33	Pass
	2607.5	Edge_1RB_Left	20.34	/	/	21.09	/	/	<=33	Pass
		Edge_1RB_Right	20.05	/	/	20.80	/	/	<=33	Pass
		Outer_Full	20.56	/	/	21.31	/	/	<=33	Pass
		Inner_Full	21.59	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Left	21.25	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	21.65	/	/	<=33	Pass
CP-OFDM 64 QAM	2595	Edge_1RB_Left	20.14	/	/	20.89	/	/	<=33	Pass

		Edge_1RB_Right	20.18	/	/	20.93	/	/	<=33	Pass
		Outer_Full	20.13	/	/	20.88	/	/	<=33	Pass
		Inner_Full	20.14	/	/	20.89	/	/	<=33	Pass
		Inner_1RB_Left	20.20	/	/	20.95	/	/	<=33	Pass
		Inner_1RB_Right	20.17	/	/	20.92	/	/	<=33	Pass
	2582.5	Edge_1RB_Left	20.26	/	/	21.01	/	/	<=33	Pass
		Edge_1RB_Right	20.26	/	/	21.01	/	/	<=33	Pass
		Outer_Full	20.18	/	/	20.93	/	/	<=33	Pass
		Inner_Full	20.18	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	20.99	/	/	<=33	Pass
	2607.5	Inner_1RB_Right	20.25	/	/	21.00	/	/	<=33	Pass
		Edge_1RB_Left	20.18	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	20.75	/	/	<=33	Pass
		Outer_Full	20.09	/	/	20.84	/	/	<=33	Pass
		Inner_Full	20.04	/	/	20.79	/	/	<=33	Pass
CP-OFDM 256 QAM	2595	Inner_1RB_Left	20.33	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Right	19.99	/	/	20.74	/	/	<=33	Pass
		Edge_1RB_Left	17.23	/	/	17.98	/	/	<=33	Pass
		Edge_1RB_Right	17.29	/	/	18.04	/	/	<=33	Pass
		Outer_Full	17.21	/	/	17.96	/	/	<=33	Pass
		Inner_Full	17.17	/	/	17.92	/	/	<=33	Pass
	2582.5	Inner_1RB_Left	17.24	/	/	17.99	/	/	<=33	Pass
		Inner_1RB_Right	17.27	/	/	18.02	/	/	<=33	Pass
		Edge_1RB_Left	17.37	/	/	18.12	/	/	<=33	Pass
		Edge_1RB_Right	17.41	/	/	18.16	/	/	<=33	Pass
		Outer_Full	17.31	/	/	18.06	/	/	<=33	Pass
		Inner_Full	17.26	/	/	18.01	/	/	<=33	Pass
	2607.5	Inner_1RB_Left	17.31	/	/	18.06	/	/	<=33	Pass
		Inner_1RB_Right	17.34	/	/	18.09	/	/	<=33	Pass
		Edge_1RB_Left	17.28	/	/	18.03	/	/	<=33	Pass
Edge_1RB_Right		17.00	/	/	17.75	/	/	<=33	Pass	
Outer_Full		17.13	/	/	17.88	/	/	<=33	Pass	
	Inner_Full	17.17	/	/	17.92	/	/	<=33	Pass	
	Inner_1RB_Left	17.35	/	/	18.10	/	/	<=33	Pass	
		Inner_1RB_Right	16.98	/	/	17.73	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.75dBi; 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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge 1RB Left	22.93	/	/	23.68	/	/	<=33	Pass
		Edge 1RB Right	23.00	/	/	23.75	/	/	<=33	Pass
		Outer_Full	23.06	/	/	23.81	/	/	<=33	Pass
		Inner_Full	23.60	/	/	24.35	/	/	<=33	Pass
		Inner 1RB Left	23.48	/	/	24.23	/	/	<=33	Pass
		Inner 1RB Right	23.58	/	/	24.33	/	/	<=33	Pass
	2585	Edge 1RB Left	23.07	/	/	23.82	/	/	<=33	Pass
		Edge 1RB Right	23.13	/	/	23.88	/	/	<=33	Pass
		Outer_Full	23.10	/	/	23.85	/	/	<=33	Pass
		Inner_Full	23.62	/	/	24.37	/	/	<=33	Pass
		Inner 1RB Left	23.52	/	/	24.27	/	/	<=33	Pass
		Inner 1RB Right	23.60	/	/	24.35	/	/	<=33	Pass
	2605	Edge 1RB Left	23.03	/	/	23.78	/	/	<=33	Pass
		Edge 1RB Right	22.90	/	/	23.65	/	/	<=33	Pass
		Outer_Full	23.04	/	/	23.79	/	/	<=33	Pass

		Inner_Full	23.57	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Right	23.13	/	/	23.88	/	/	<=33	Pass
DFT-s-OFDM QPSK	2595	Edge_1RB_Left	22.39	/	/	23.14	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	23.16	/	/	<=33	Pass
		Outer_Full	22.62	/	/	23.37	/	/	<=33	Pass
		Inner_Full	23.54	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Right	23.42	/	/	24.17	/	/	<=33	Pass
		Edge_1RB_Left	22.47	/	/	23.22	/	/	<=33	Pass
	2585	Edge_1RB_Right	22.53	/	/	23.28	/	/	<=33	Pass
		Outer_Full	22.61	/	/	23.36	/	/	<=33	Pass
		Inner_Full	23.49	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Right	23.44	/	/	24.19	/	/	<=33	Pass
	2605	Edge_1RB_Left	22.50	/	/	23.25	/	/	<=33	Pass
		Edge_1RB_Right	22.35	/	/	23.10	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.40	/	/	<=33	Pass
		Inner_Full	23.58	/	/	24.33	/	/	<=33	Pass
		Inner_1RB_Left	23.52	/	/	24.27	/	/	<=33	Pass
		Inner_1RB_Right	23.22	/	/	23.97	/	/	<=33	Pass
		Edge_1RB_Left	21.40	/	/	22.15	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2595	Edge_1RB_Right	21.33	/	/	22.08	/	/	<=33	Pass
		Outer_Full	21.59	/	/	22.34	/	/	<=33	Pass
		Inner_Full	22.67	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	23.13	/	/	<=33	Pass
		Edge_1RB_Left	21.35	/	/	22.10	/	/	<=33	Pass
	2585	Edge_1RB_Right	21.44	/	/	22.19	/	/	<=33	Pass
		Outer_Full	21.62	/	/	22.37	/	/	<=33	Pass
		Inner_Full	22.62	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	22.24	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	22.44	/	/	23.19	/	/	<=33	Pass
	2605	Edge_1RB_Left	21.32	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	21.20	/	/	21.95	/	/	<=33	Pass
		Outer_Full	21.65	/	/	22.40	/	/	<=33	Pass
		Inner_Full	22.61	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Right	22.03	/	/	22.78	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2595	Edge_1RB_Left	21.24	/	/	21.99	/	/	<=33	Pass
		Edge_1RB_Right	21.08	/	/	21.83	/	/	<=33	Pass
		Outer_Full	21.23	/	/	21.98	/	/	<=33	Pass
		Inner_Full	21.28	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Left	21.29	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Right	21.09	/	/	21.84	/	/	<=33	Pass
	2585	Edge_1RB_Left	21.32	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	21.22	/	/	21.97	/	/	<=33	Pass
		Outer_Full	21.26	/	/	22.01	/	/	<=33	Pass
		Inner_Full	21.25	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	21.28	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Right	21.26	/	/	22.01	/	/	<=33	Pass
	2605	Edge_1RB_Left	21.18	/	/	21.93	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	21.62	/	/	<=33	Pass
		Outer_Full	21.21	/	/	21.96	/	/	<=33	Pass
		Inner_Full	21.29	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	21.98	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2595	Inner_1RB_Right	20.91	/	/	21.66	/	/	<=33	Pass
		Edge_1RB_Left	19.16	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	19.81	/	/	<=33	Pass

		Outer_Full	19.22	/	/	19.97	/	/	<=33	Pass
		Inner_Full	19.22	/	/	19.97	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	19.88	/	/	<=33	Pass
		Inner_1RB_Right	19.04	/	/	19.79	/	/	<=33	Pass
	2585	Edge_1RB_Left	19.17	/	/	19.92	/	/	<=33	Pass
		Edge_1RB_Right	19.20	/	/	19.95	/	/	<=33	Pass
		Outer_Full	19.25	/	/	20.00	/	/	<=33	Pass
		Inner_Full	19.24	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Left	19.14	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Right	19.21	/	/	19.96	/	/	<=33	Pass
	2605	Edge_1RB_Left	19.14	/	/	19.89	/	/	<=33	Pass
		Edge_1RB_Right	18.81	/	/	19.56	/	/	<=33	Pass
		Outer_Full	19.21	/	/	19.96	/	/	<=33	Pass
		Inner_Full	19.26	/	/	20.01	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	19.88	/	/	<=33	Pass
		Inner_1RB_Right	18.84	/	/	19.59	/	/	<=33	Pass
CP-OFDM QPSK	2595	Edge_1RB_Left	20.61	/	/	21.36	/	/	<=33	Pass
		Edge_1RB_Right	20.57	/	/	21.32	/	/	<=33	Pass
		Outer_Full	20.64	/	/	21.39	/	/	<=33	Pass
		Inner_Full	22.09	/	/	22.84	/	/	<=33	Pass
		Inner_1RB_Left	21.89	/	/	22.64	/	/	<=33	Pass
		Inner_1RB_Right	22.23	/	/	22.98	/	/	<=33	Pass
	2585	Edge_1RB_Left	20.62	/	/	21.37	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	21.42	/	/	<=33	Pass
		Outer_Full	20.72	/	/	21.47	/	/	<=33	Pass
		Inner_Full	22.11	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Left	21.97	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	22.05	/	/	22.80	/	/	<=33	Pass
	2605	Edge_1RB_Left	20.53	/	/	21.28	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	21.17	/	/	<=33	Pass
		Outer_Full	20.61	/	/	21.36	/	/	<=33	Pass
		Inner_Full	22.12	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Right	21.97	/	/	22.72	/	/	<=33	Pass
CP-OFDM 16 QAM	2595	Edge_1RB_Left	20.22	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	20.15	/	/	20.90	/	/	<=33	Pass
		Outer_Full	20.69	/	/	21.44	/	/	<=33	Pass
		Inner_Full	21.68	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Left	21.34	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	20.95	/	/	21.70	/	/	<=33	Pass
	2585	Edge_1RB_Left	20.40	/	/	21.15	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	21.14	/	/	<=33	Pass
		Outer_Full	20.72	/	/	21.47	/	/	<=33	Pass
		Inner_Full	21.63	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Left	21.27	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	21.86	/	/	<=33	Pass
	2605	Edge_1RB_Left	20.22	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	20.69	/	/	<=33	Pass
		Outer_Full	20.64	/	/	21.39	/	/	<=33	Pass
		Inner_Full	21.70	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Left	21.12	/	/	21.87	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	21.76	/	/	<=33	Pass
CP-OFDM 64 QAM	2595	Edge_1RB_Left	20.30	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Right	20.24	/	/	20.99	/	/	<=33	Pass
		Outer_Full	20.22	/	/	20.97	/	/	<=33	Pass
		Inner_Full	20.26	/	/	21.01	/	/	<=33	Pass
		Inner_1RB_Left	20.28	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Right	20.09	/	/	20.84	/	/	<=33	Pass
	2585	Edge_1RB_Left	20.31	/	/	21.06	/	/	<=33	Pass

		Edge 1RB Right	20.42	/	/	21.17	/	/	<=33	Pass
		Outer_Full	20.27	/	/	21.02	/	/	<=33	Pass
		Inner_Full	20.22	/	/	20.97	/	/	<=33	Pass
		Inner_1RB Left	20.30	/	/	21.05	/	/	<=33	Pass
		Inner_1RB Right	20.26	/	/	21.01	/	/	<=33	Pass
	2605	Edge 1RB Left	20.37	/	/	21.12	/	/	<=33	Pass
		Edge 1RB Right	20.04	/	/	20.79	/	/	<=33	Pass
		Outer_Full	20.24	/	/	20.99	/	/	<=33	Pass
		Inner_Full	20.28	/	/	21.03	/	/	<=33	Pass
		Inner_1RB Left	20.22	/	/	20.97	/	/	<=33	Pass
CP-OFDM 256 QAM	2595	Inner_1RB Right	19.94	/	/	20.69	/	/	<=33	Pass
		Edge 1RB Left	17.30	/	/	18.05	/	/	<=33	Pass
		Edge 1RB Right	17.25	/	/	18.00	/	/	<=33	Pass
		Outer_Full	17.27	/	/	18.02	/	/	<=33	Pass
		Inner_Full	17.25	/	/	18.00	/	/	<=33	Pass
		Inner_1RB Left	17.42	/	/	18.17	/	/	<=33	Pass
	2585	Inner_1RB Right	17.22	/	/	17.97	/	/	<=33	Pass
		Edge 1RB Left	17.38	/	/	18.13	/	/	<=33	Pass
		Edge 1RB Right	17.39	/	/	18.14	/	/	<=33	Pass
		Outer_Full	17.27	/	/	18.02	/	/	<=33	Pass
		Inner_Full	17.28	/	/	18.03	/	/	<=33	Pass
		Inner_1RB Left	17.37	/	/	18.12	/	/	<=33	Pass
	2605	Inner_1RB Right	17.35	/	/	18.10	/	/	<=33	Pass
		Edge 1RB Left	17.33	/	/	18.08	/	/	<=33	Pass
		Edge 1RB Right	17.04	/	/	17.79	/	/	<=33	Pass
		Outer_Full	17.26	/	/	18.01	/	/	<=33	Pass
		Inner_Full	17.27	/	/	18.02	/	/	<=33	Pass
		Inner_1RB Left	17.32	/	/	18.07	/	/	<=33	Pass
	Inner_1RB Right	17.03	/	/	17.78	/	/	<=33	Pass	
Note1: Antenna Gain: Ant31: 0.75dBi; 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
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge 1RB Left	23.04	/	/	23.79	/	/	<=33	Pass
		Edge 1RB Right	22.87	/	/	23.62	/	/	<=33	Pass
		Outer_Full	23.13	/	/	23.88	/	/	<=33	Pass
		Inner_Full	23.57	/	/	24.32	/	/	<=33	Pass
		Inner 1RB Left	23.47	/	/	24.22	/	/	<=33	Pass
		Inner 1RB Right	23.42	/	/	24.17	/	/	<=33	Pass
	2590	Edge 1RB Left	23.07	/	/	23.82	/	/	<=33	Pass
		Edge 1RB Right	23.09	/	/	23.84	/	/	<=33	Pass
		Outer_Full	23.12	/	/	23.87	/	/	<=33	Pass
		Inner_Full	23.64	/	/	24.39	/	/	<=33	Pass
		Inner 1RB Left	23.49	/	/	24.24	/	/	<=33	Pass
		Inner 1RB Right	23.65	/	/	24.40	/	/	<=33	Pass
	2600	Edge 1RB Left	22.94	/	/	23.69	/	/	<=33	Pass
		Edge 1RB Right	22.76	/	/	23.51	/	/	<=33	Pass
		Outer_Full	23.05	/	/	23.80	/	/	<=33	Pass
		Inner_Full	23.63	/	/	24.38	/	/	<=33	Pass
		Inner 1RB Left	23.38	/	/	24.13	/	/	<=33	Pass
DFT-s-OFDM QPSK	2595	Inner 1RB Right	23.21	/	/	23.96	/	/	<=33	Pass
		Edge 1RB Left	22.52	/	/	23.27	/	/	<=33	Pass
		Edge 1RB Right	22.54	/	/	23.29	/	/	<=33	Pass
		Outer_Full	22.58	/	/	23.33	/	/	<=33	Pass

		Inner_Full	23.56	/	/	24.31	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Right	23.27	/	/	24.02	/	/	<=33	Pass
	2590	Edge_1RB_Left	22.54	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	23.21	/	/	<=33	Pass
		Outer_Full	22.71	/	/	23.46	/	/	<=33	Pass
		Inner_Full	23.60	/	/	24.35	/	/	<=33	Pass
		Inner_1RB_Left	23.49	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	23.54	/	/	24.29	/	/	<=33	Pass
	2600	Edge_1RB_Left	22.53	/	/	23.28	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	23.26	/	/	<=33	Pass
		Outer_Full	22.67	/	/	23.42	/	/	<=33	Pass
		Inner_Full	23.72	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	24.20	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2595	Inner_1RB_Right	23.58	/	/	24.33	/	/	<=33	Pass
		Edge_1RB_Left	21.53	/	/	22.28	/	/	<=33	Pass
		Edge_1RB_Right	21.29	/	/	22.04	/	/	<=33	Pass
		Outer_Full	21.66	/	/	22.41	/	/	<=33	Pass
		Inner_Full	22.65	/	/	23.40	/	/	<=33	Pass
	2590	Inner_1RB_Left	22.19	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	22.24	/	/	22.99	/	/	<=33	Pass
		Edge_1RB_Left	21.47	/	/	22.22	/	/	<=33	Pass
		Edge_1RB_Right	21.42	/	/	22.17	/	/	<=33	Pass
		Outer_Full	21.74	/	/	22.49	/	/	<=33	Pass
	2600	Inner_Full	22.66	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Left	22.36	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Right	22.36	/	/	23.11	/	/	<=33	Pass
		Edge_1RB_Left	21.51	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	21.28	/	/	22.03	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	21.68	/	/	22.43	/	/	<=33	Pass
		Inner_Full	22.78	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	22.27	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	22.07	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Left	21.27	/	/	22.02	/	/	<=33	Pass
	2590	Edge_1RB_Right	21.01	/	/	21.76	/	/	<=33	Pass
		Outer_Full	21.20	/	/	21.95	/	/	<=33	Pass
		Inner_Full	21.24	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Left	21.32	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	21.76	/	/	<=33	Pass
	2600	Edge_1RB_Left	21.31	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	21.21	/	/	21.96	/	/	<=33	Pass
		Outer_Full	21.30	/	/	22.05	/	/	<=33	Pass
		Inner_Full	21.29	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	21.37	/	/	22.12	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2595	Inner_1RB_Right	21.21	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Left	21.31	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	21.61	/	/	<=33	Pass
		Outer_Full	21.27	/	/	22.02	/	/	<=33	Pass
		Inner_Full	21.33	/	/	22.08	/	/	<=33	Pass
	2590	Inner_Full	21.29	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	21.37	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Right	21.21	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Left	21.31	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	19.93	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	18.92	/	/	19.67	/	/	<=33	Pass
		Inner_Full	19.23	/	/	19.98	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Right	19.15	/	/	19.90	/	/	<=33	Pass
		Inner_1RB_Right	18.94	/	/	19.69	/	/	<=33	Pass
	2590	Edge_1RB_Left	19.17	/	/	19.92	/	/	<=33	Pass
		Edge_1RB_Right	19.16	/	/	19.91	/	/	<=33	Pass

		Outer_Full	19.31	/	/	20.06	/	/	<=33	Pass
		Inner_Full	19.31	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Right	19.16	/	/	19.91	/	/	<=33	Pass
	2600	Edge_1RB_Left	19.16	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	18.91	/	/	19.66	/	/	<=33	Pass
		Outer_Full	19.25	/	/	20.00	/	/	<=33	Pass
		Inner_Full	19.33	/	/	20.08	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Right	18.91	/	/	19.66	/	/	<=33	Pass
CP-OFDM QPSK	2595	Edge_1RB_Left	20.75	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Right	20.44	/	/	21.19	/	/	<=33	Pass
		Outer_Full	20.64	/	/	21.39	/	/	<=33	Pass
		Inner_Full	21.98	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Left	21.94	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Right	21.55	/	/	22.30	/	/	<=33	Pass
	2590	Edge_1RB_Left	20.70	/	/	21.45	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	21.16	/	/	<=33	Pass
		Outer_Full	20.73	/	/	21.48	/	/	<=33	Pass
		Inner_Full	22.10	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Left	21.97	/	/	22.72	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	22.60	/	/	<=33	Pass
	2600	Edge_1RB_Left	20.59	/	/	21.34	/	/	<=33	Pass
		Edge_1RB_Right	20.27	/	/	21.02	/	/	<=33	Pass
		Outer_Full	20.69	/	/	21.44	/	/	<=33	Pass
		Inner_Full	22.13	/	/	22.88	/	/	<=33	Pass
		Inner_1RB_Left	22.09	/	/	22.84	/	/	<=33	Pass
		Inner_1RB_Right	21.62	/	/	22.37	/	/	<=33	Pass
CP-OFDM 16 QAM	2595	Edge_1RB_Left	20.27	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	20.11	/	/	20.86	/	/	<=33	Pass
		Outer_Full	20.71	/	/	21.46	/	/	<=33	Pass
		Inner_Full	21.54	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Left	21.14	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	21.02	/	/	21.77	/	/	<=33	Pass
	2590	Edge_1RB_Left	20.45	/	/	21.20	/	/	<=33	Pass
		Edge_1RB_Right	20.21	/	/	20.96	/	/	<=33	Pass
		Outer_Full	20.82	/	/	21.57	/	/	<=33	Pass
		Inner_Full	21.70	/	/	22.45	/	/	<=33	Pass
		Inner_1RB_Left	21.34	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	21.85	/	/	<=33	Pass
	2600	Edge_1RB_Left	20.27	/	/	21.02	/	/	<=33	Pass
		Edge_1RB_Right	20.26	/	/	21.01	/	/	<=33	Pass
		Outer_Full	20.77	/	/	21.52	/	/	<=33	Pass
		Inner_Full	21.65	/	/	22.40	/	/	<=33	Pass
		Inner_1RB_Left	21.32	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	21.80	/	/	<=33	Pass
CP-OFDM 64 QAM	2595	Edge_1RB_Left	20.23	/	/	20.98	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	20.69	/	/	<=33	Pass
		Outer_Full	20.25	/	/	21.00	/	/	<=33	Pass
		Inner_Full	20.20	/	/	20.95	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Right	19.96	/	/	20.71	/	/	<=33	Pass
	2590	Edge_1RB_Left	20.33	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	20.11	/	/	20.86	/	/	<=33	Pass
		Outer_Full	20.35	/	/	21.10	/	/	<=33	Pass
		Inner_Full	20.28	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Left	20.33	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Right	20.20	/	/	20.95	/	/	<=33	Pass
	2600	Edge_1RB_Left	20.27	/	/	21.02	/	/	<=33	Pass

		Edge 1RB Right	19.99	/	/	20.74	/	/	<=33	Pass
		Outer Full	20.27	/	/	21.02	/	/	<=33	Pass
		Inner Full	20.31	/	/	21.06	/	/	<=33	Pass
		Inner 1RB Left	20.28	/	/	21.03	/	/	<=33	Pass
		Inner 1RB Right	20.06	/	/	20.81	/	/	<=33	Pass
CP-OFDM 256 QAM	2595	Edge 1RB Left	17.25	/	/	18.00	/	/	<=33	Pass
		Edge 1RB Right	17.08	/	/	17.83	/	/	<=33	Pass
		Outer Full	17.24	/	/	17.99	/	/	<=33	Pass
		Inner Full	17.29	/	/	18.04	/	/	<=33	Pass
		Inner 1RB Left	17.31	/	/	18.06	/	/	<=33	Pass
	2590	Inner 1RB Right	17.06	/	/	17.81	/	/	<=33	Pass
		Edge 1RB Left	17.36	/	/	18.11	/	/	<=33	Pass
		Edge 1RB Right	17.25	/	/	18.00	/	/	<=33	Pass
		Outer Full	17.32	/	/	18.07	/	/	<=33	Pass
		Inner Full	17.36	/	/	18.11	/	/	<=33	Pass
	2600	Inner 1RB Left	17.32	/	/	18.07	/	/	<=33	Pass
		Inner 1RB Right	17.30	/	/	18.05	/	/	<=33	Pass
		Edge 1RB Left	17.35	/	/	18.10	/	/	<=33	Pass
		Edge 1RB Right	17.03	/	/	17.78	/	/	<=33	Pass
		Outer Full	17.26	/	/	18.01	/	/	<=33	Pass
2600	Inner Full	17.37	/	/	18.12	/	/	<=33	Pass	
	Inner 1RB Left	17.30	/	/	18.05	/	/	<=33	Pass	
2600	Inner 1RB Right	17.05	/	/	17.80	/	/	<=33	Pass	
	Note1: Antenna Gain: Ant31: 0.75dBi; 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	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	3.70	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0014	>=-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	8.69	9.67	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	8.68	9.57	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	8.67	9.51	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	8.70	9.51	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	8.66	9.53	/	Pass
CP-OFDM QPSK	2595	Outer_Full	8.73	11.55	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	8.71	11.20	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	8.70	12.09	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	8.71	9.43	/	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	13.08	14.19	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	13.10	14.15	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	13.06	14.21	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	13.13	14.25	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	13.04	14.09	/	Pass
CP-OFDM QPSK	2595	Outer_Full	13.82	18.21	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	13.76	20.94	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	13.84	18.29	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	13.72	14.85	/	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	18.12	19.50	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	18.11	19.49	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	18.17	19.38	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	18.16	19.44	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	18.05	19.33	/	Pass
CP-OFDM QPSK	2595	Outer_Full	18.46	21.52	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	18.50	26.43	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	18.47	23.38	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	18.41	19.78	/	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	23.31	24.78	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	23.10	24.80	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	23.15	24.76	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	23.17	24.80	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	23.09	24.70	/	Pass
CP-OFDM QPSK	2595	Outer_Full	23.48	33.19	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	23.60	32.96	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	23.59	26.91	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	23.45	25.04	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

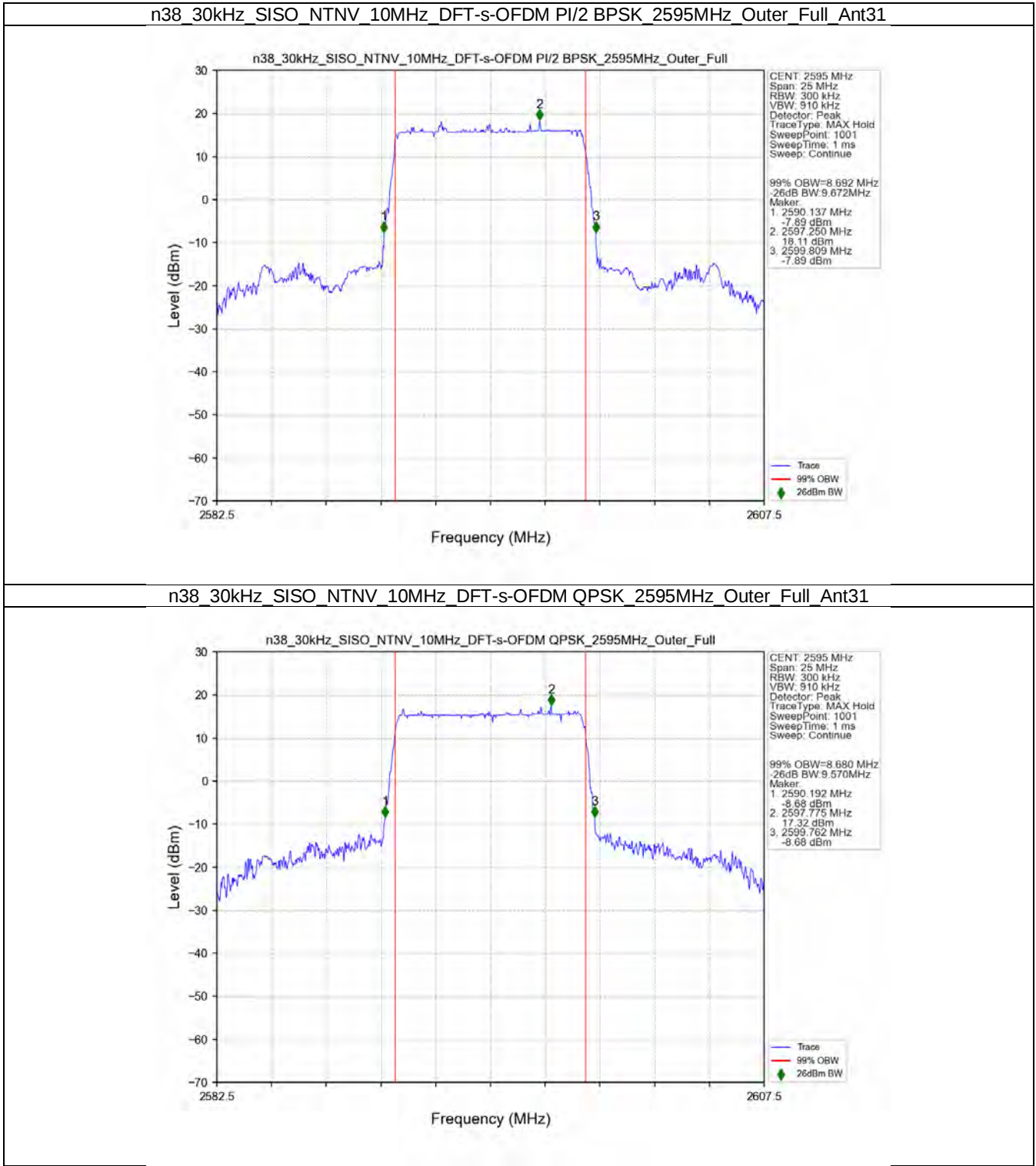
5G NR n38 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	27.13	29.18	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	27.21	29.11	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	27.11	29.21	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	27.20	29.26	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	27.08	29.21	/	Pass
CP-OFDM QPSK	2595	Outer_Full	28.19	38.98	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	28.27	31.96	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	28.17	33.32	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	28.12	30.22	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

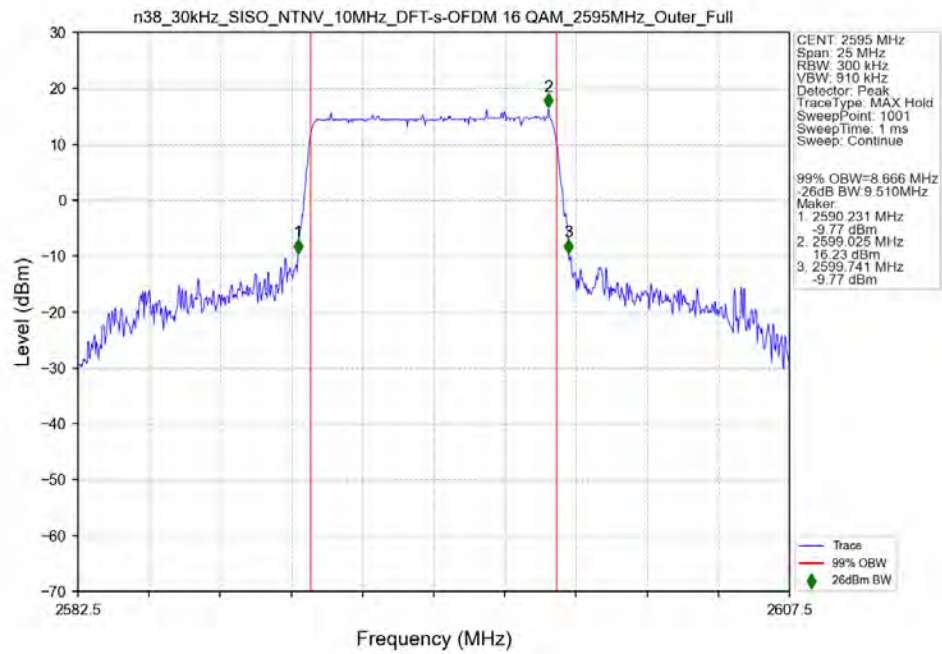
5G NR n38 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	36.12	38.74	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	36.17	38.91	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	36.13	38.71	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	36.19	38.78	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	36.05	38.62	/	Pass
CP-OFDM QPSK	2595	Outer_Full	38.39	58.23	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	38.37	49.54	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	38.38	55.95	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	38.16	40.77	/	Pass

3.2 Test Graph

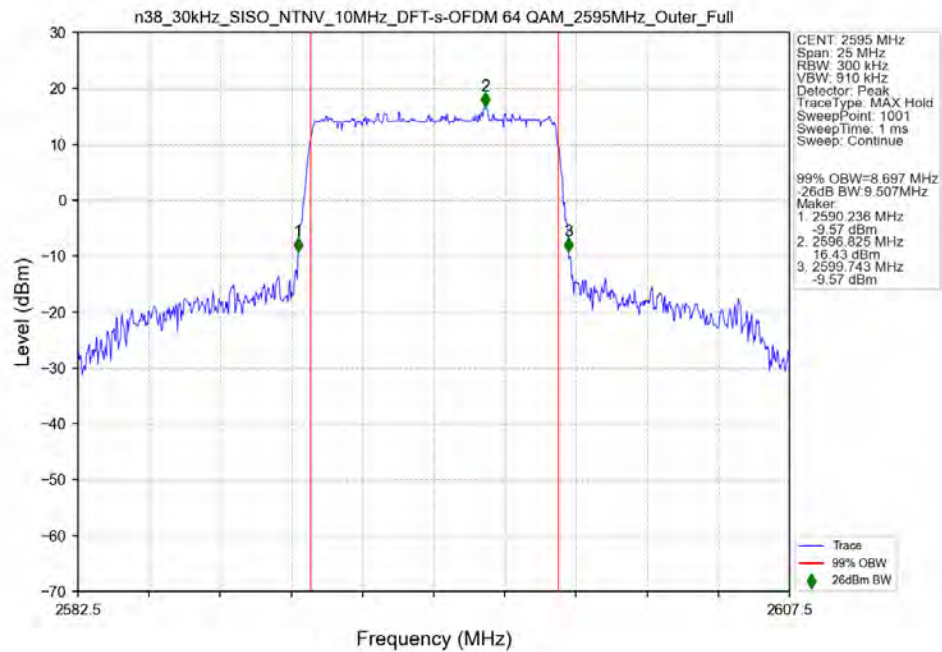
3.2.1 30k_SISO_10MHz_NTNV



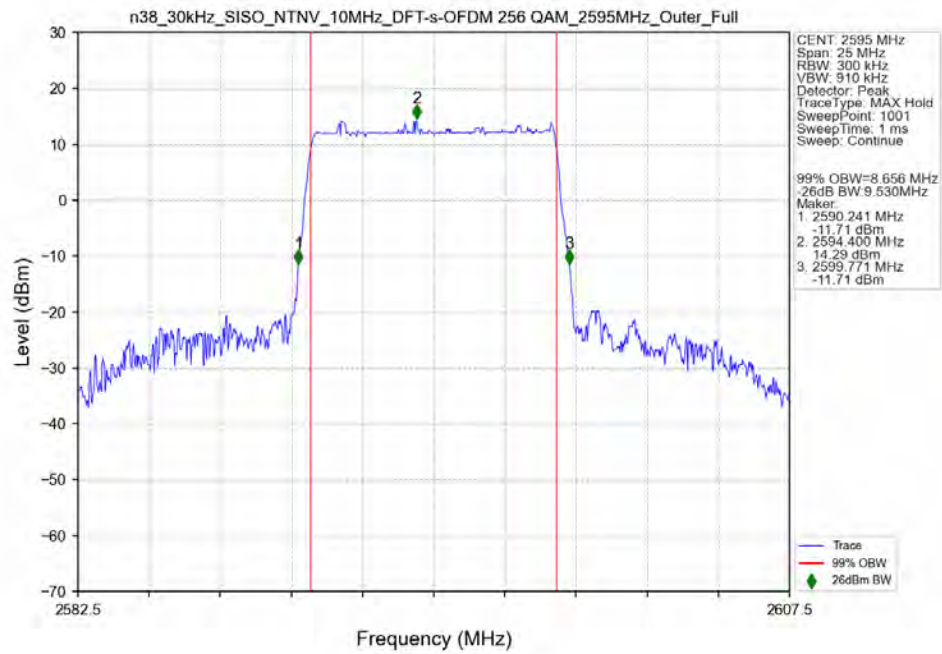
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2595MHz_Outer_Full_Ant31



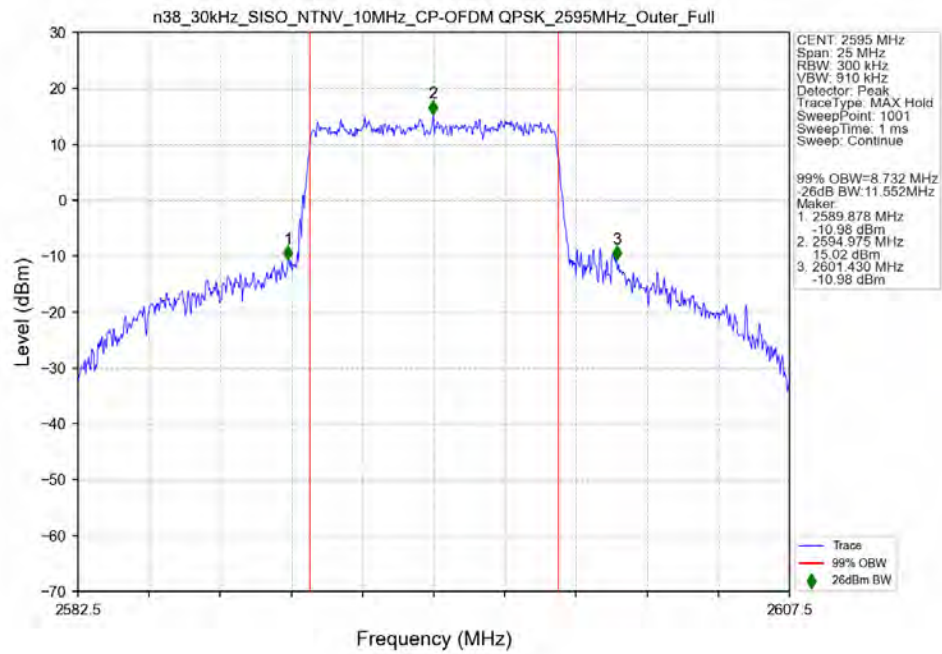
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2595MHz_Outer_Full_Ant31



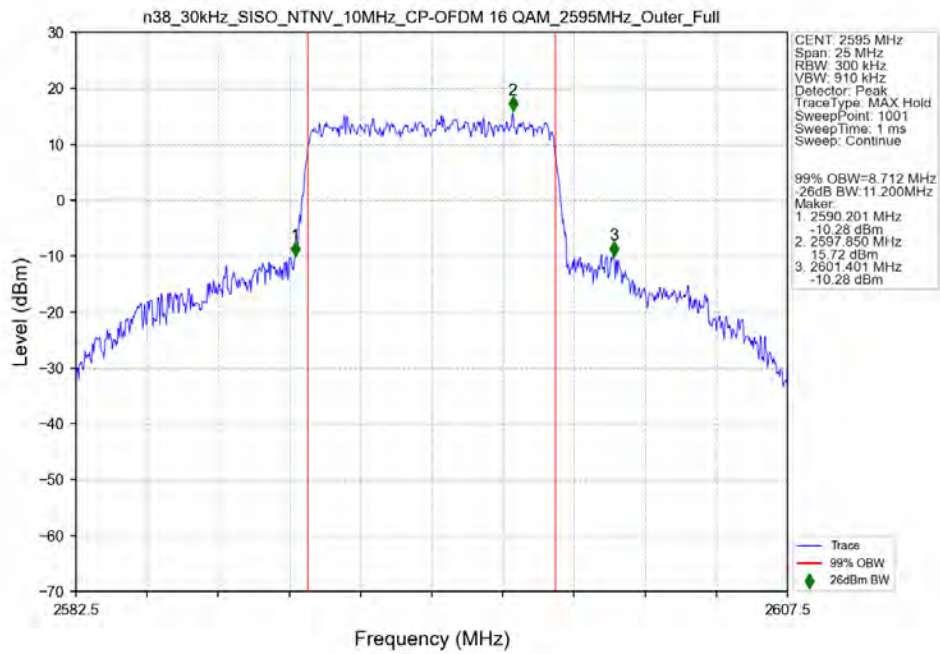
n38 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



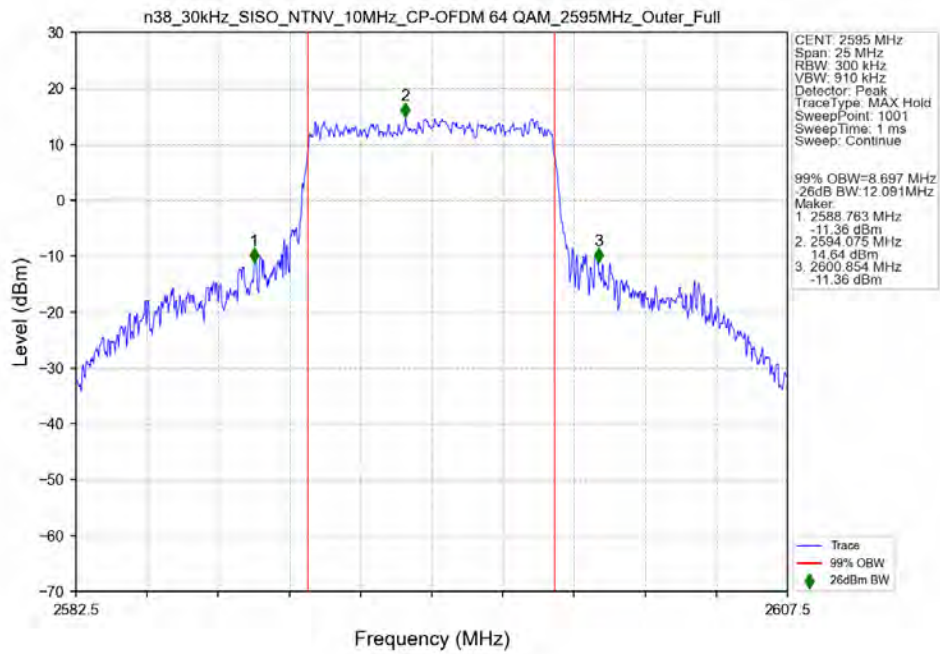
n38 30kHz SISO NTN 10MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



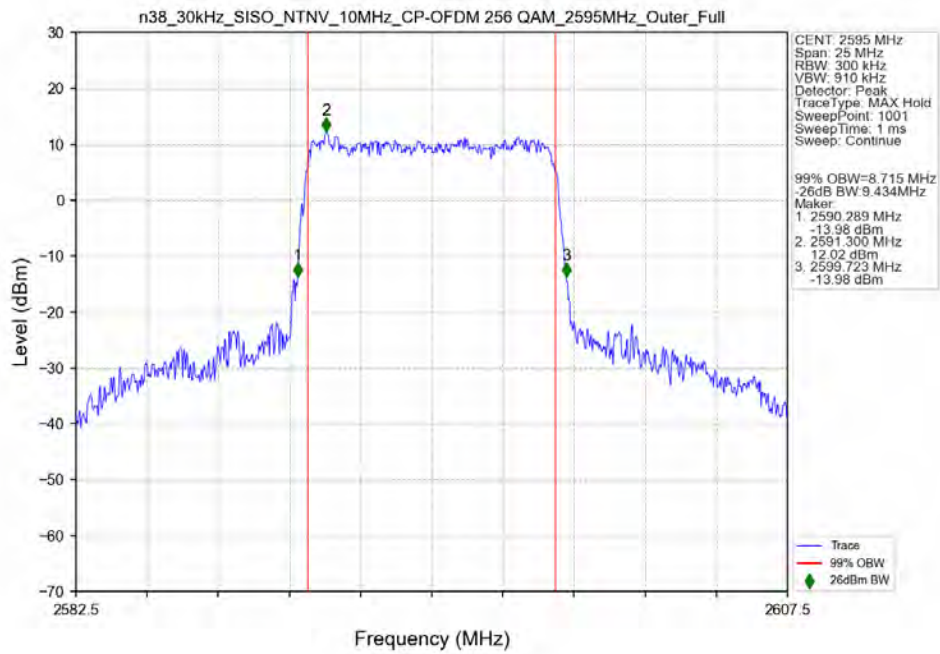
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



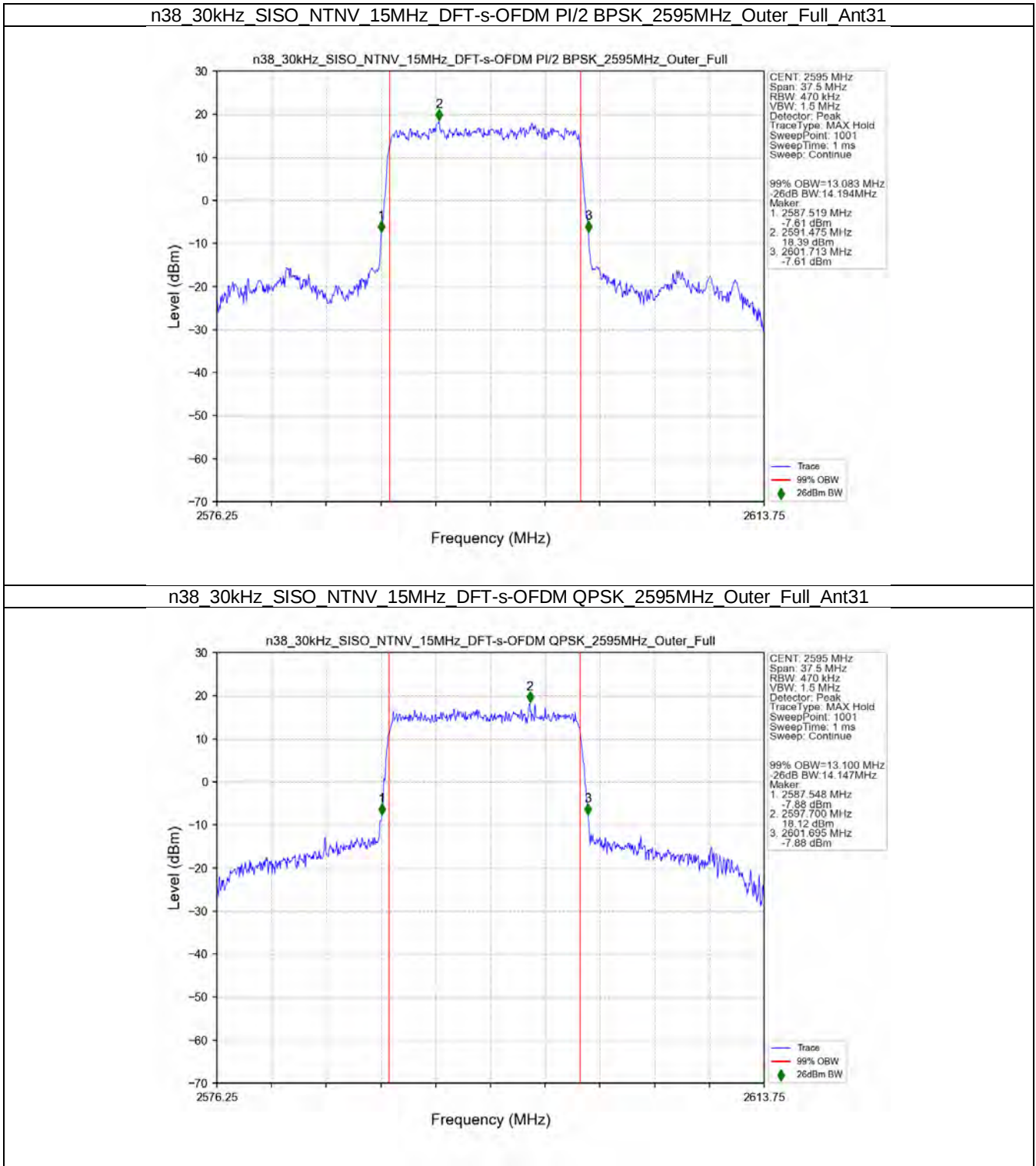
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



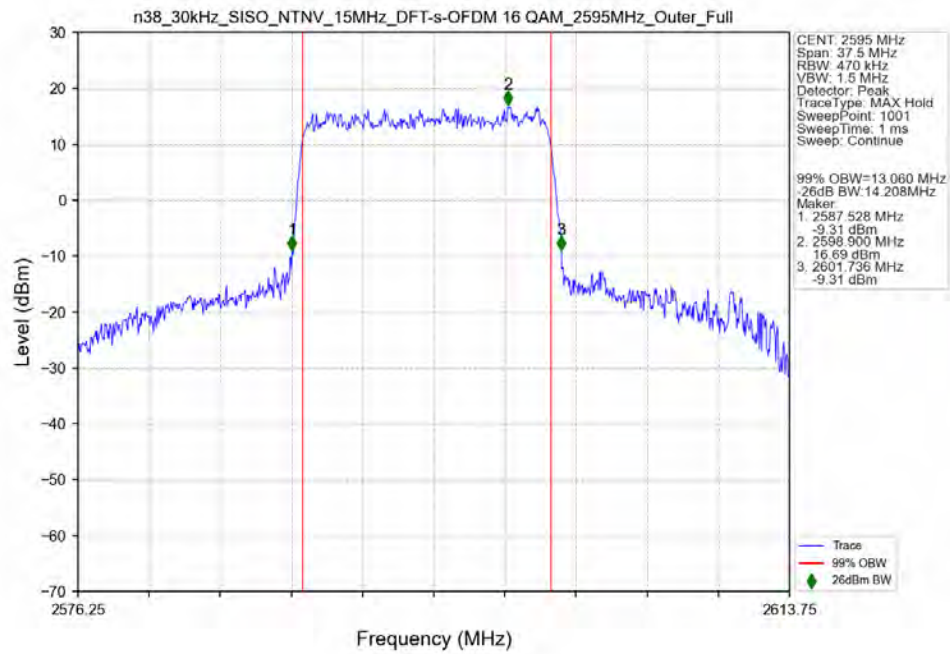
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



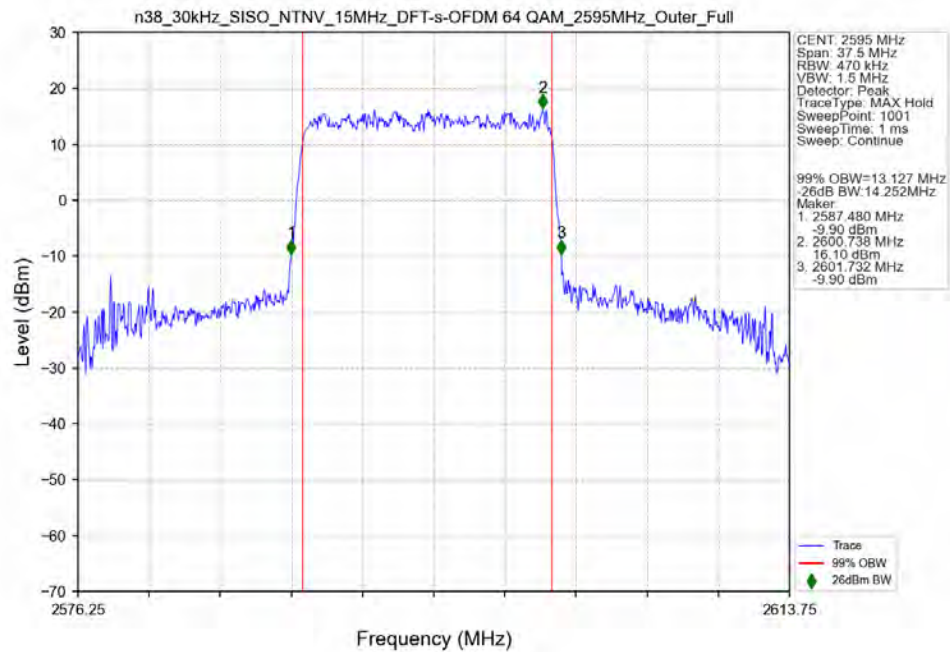
3.2.2 30k_SISO_15MHz_NTNV



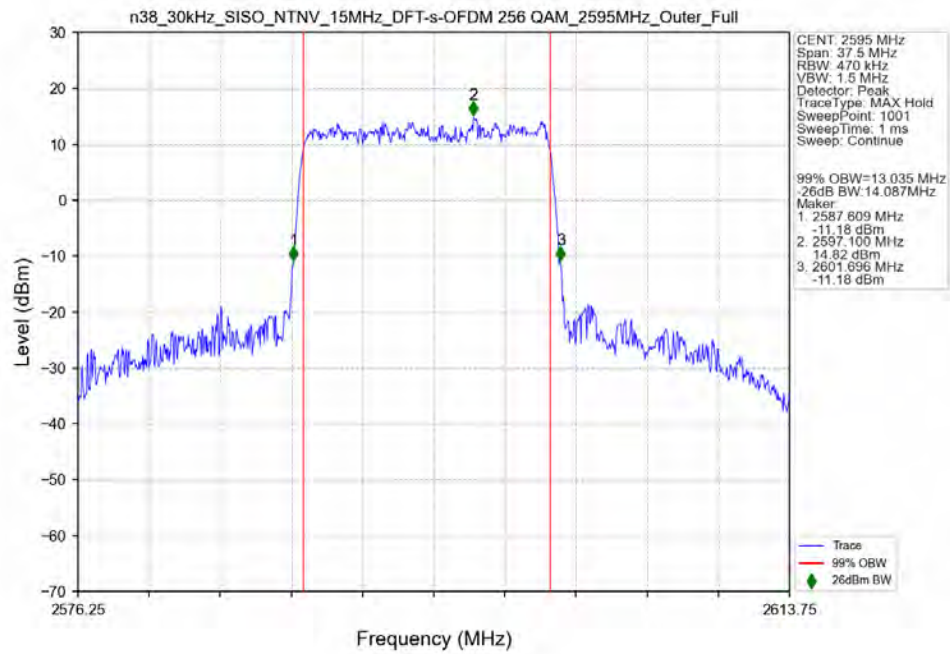
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



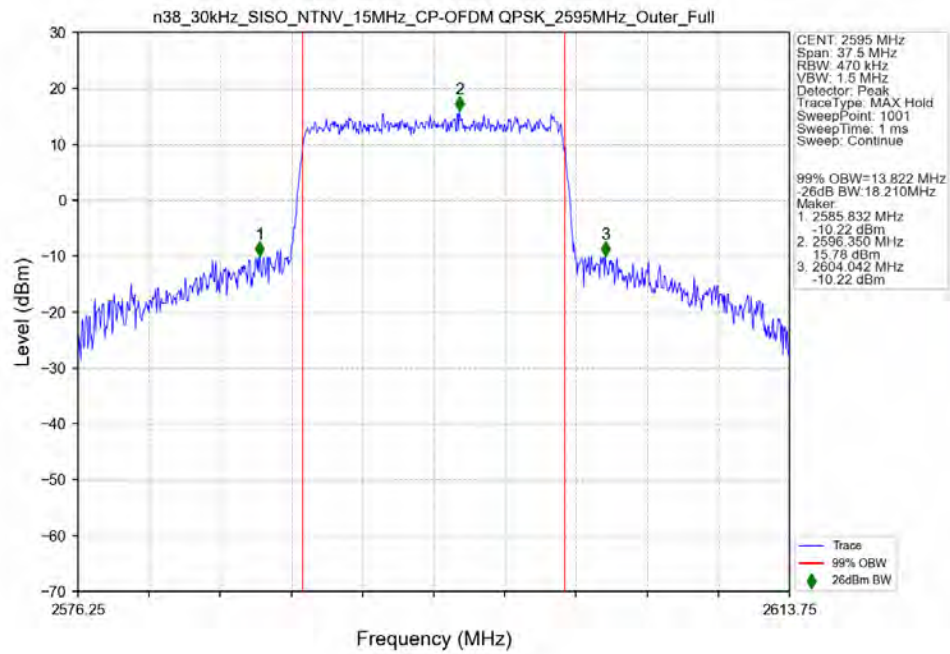
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



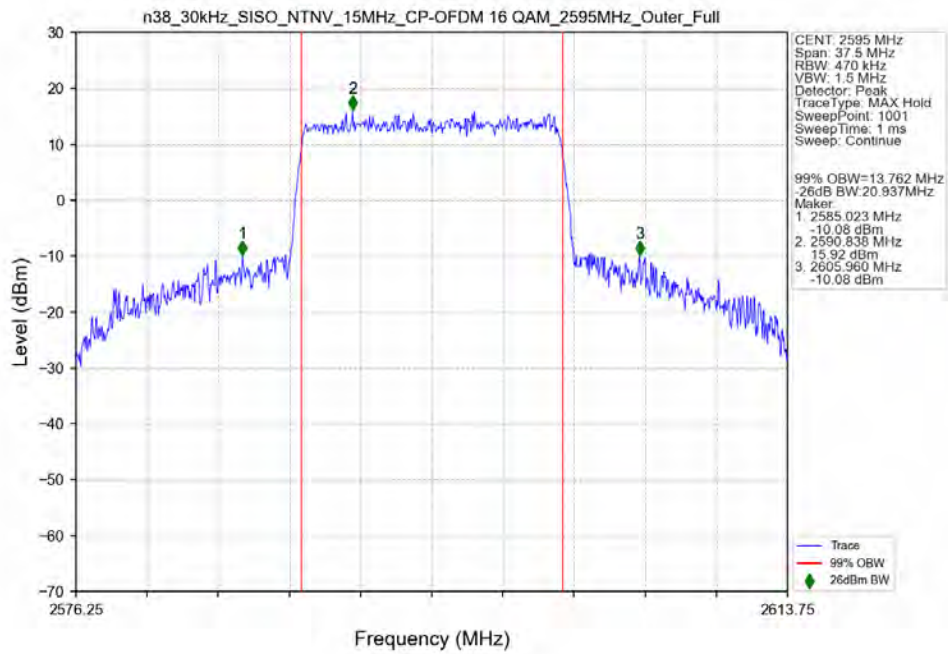
n38 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



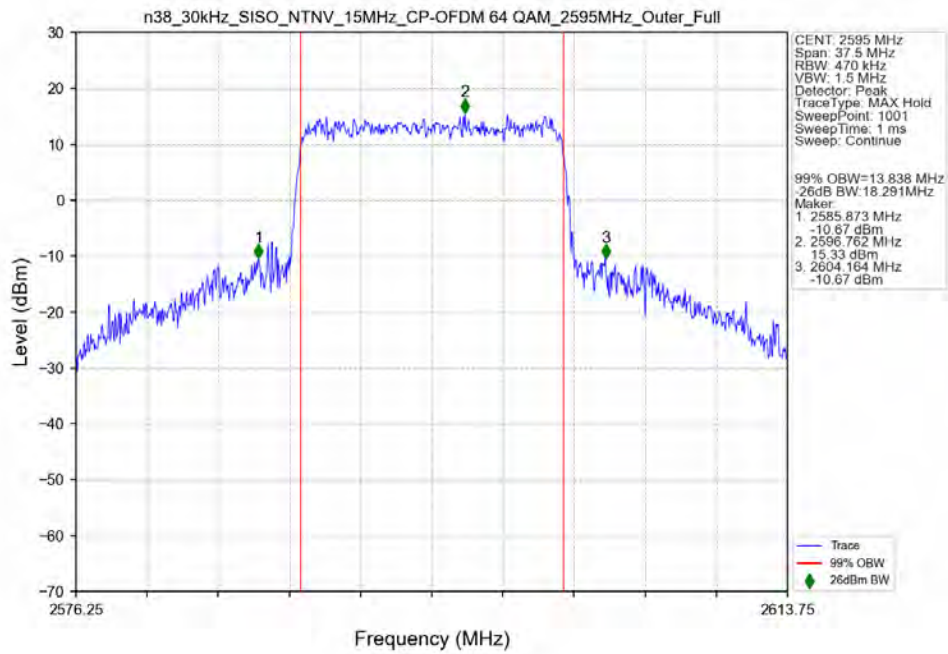
n38 30kHz SISO NTN 15MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



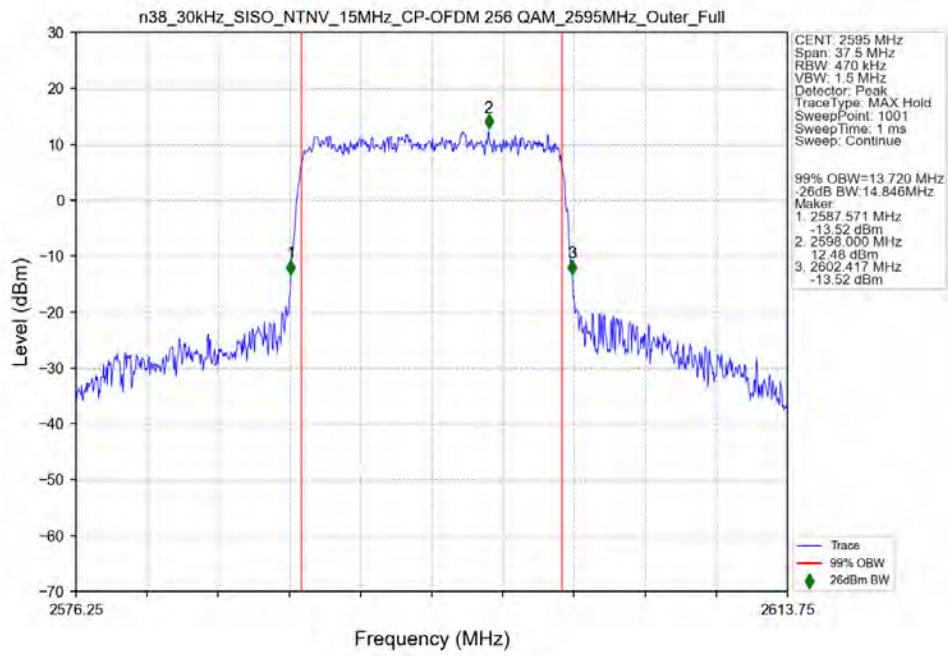
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 2595MHz Outer Full Ant31



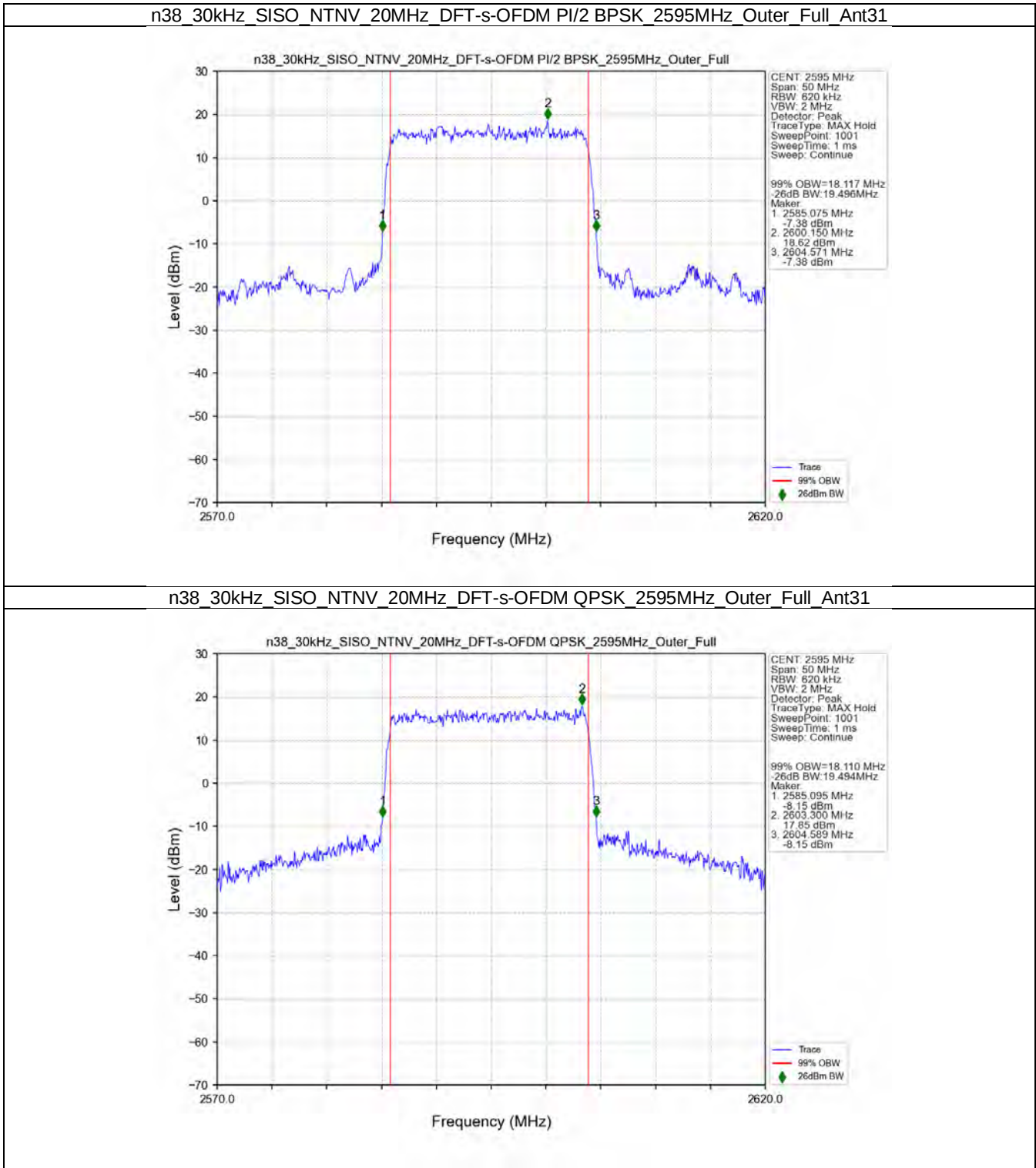
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 2595MHz Outer Full Ant31



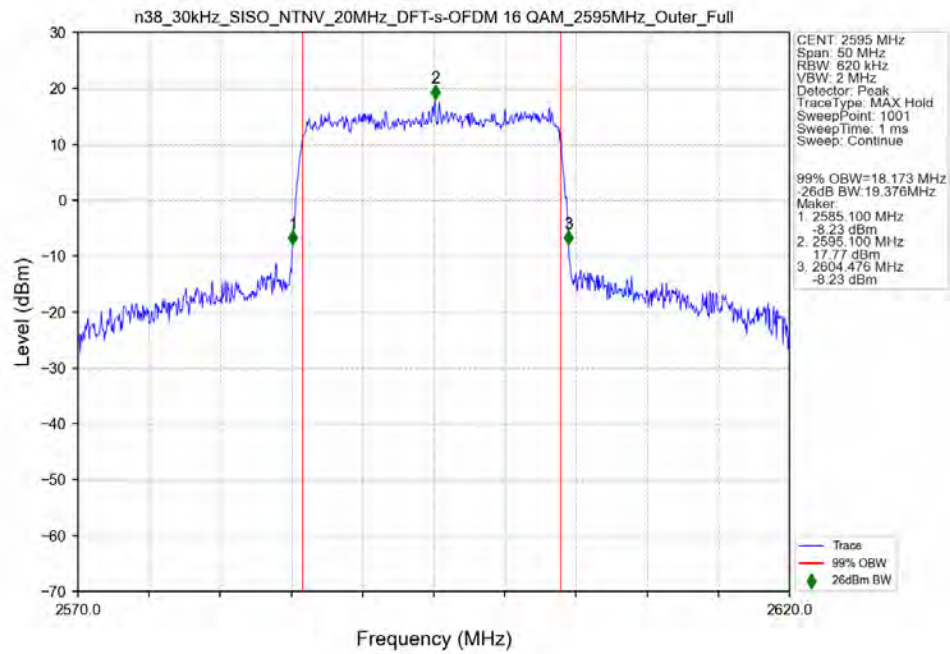
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



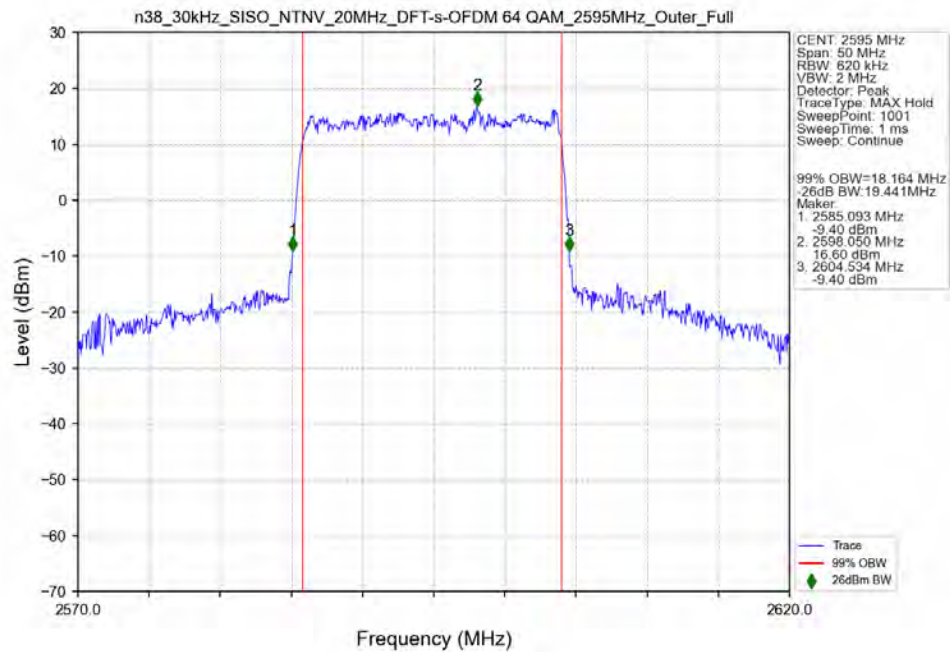
3.2.3 30k_SISO_20MHz_NTNV



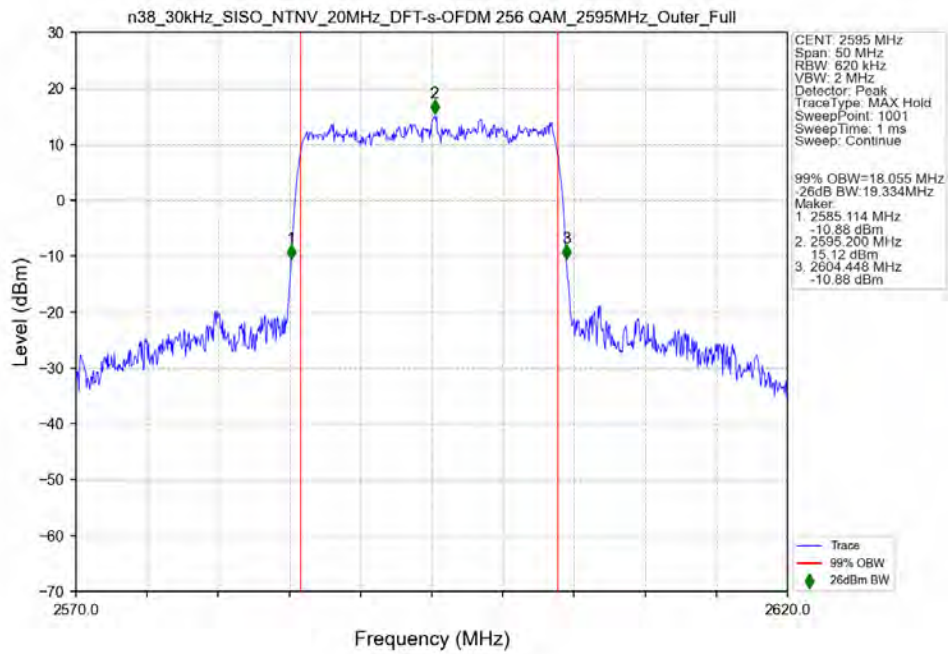
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16QAM_2595MHz_Outer_Full_Ant31



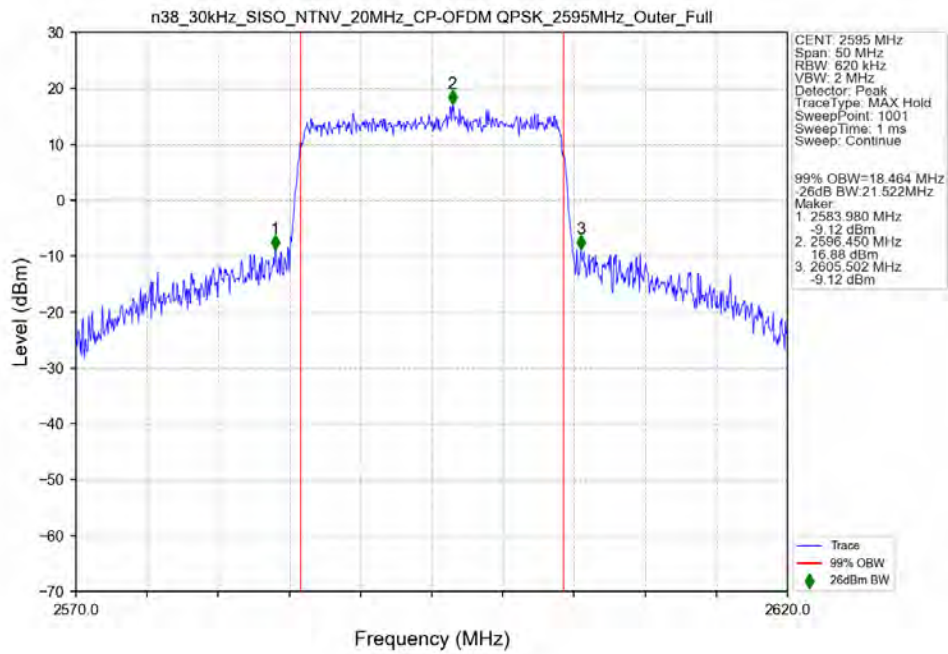
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64QAM_2595MHz_Outer_Full_Ant31



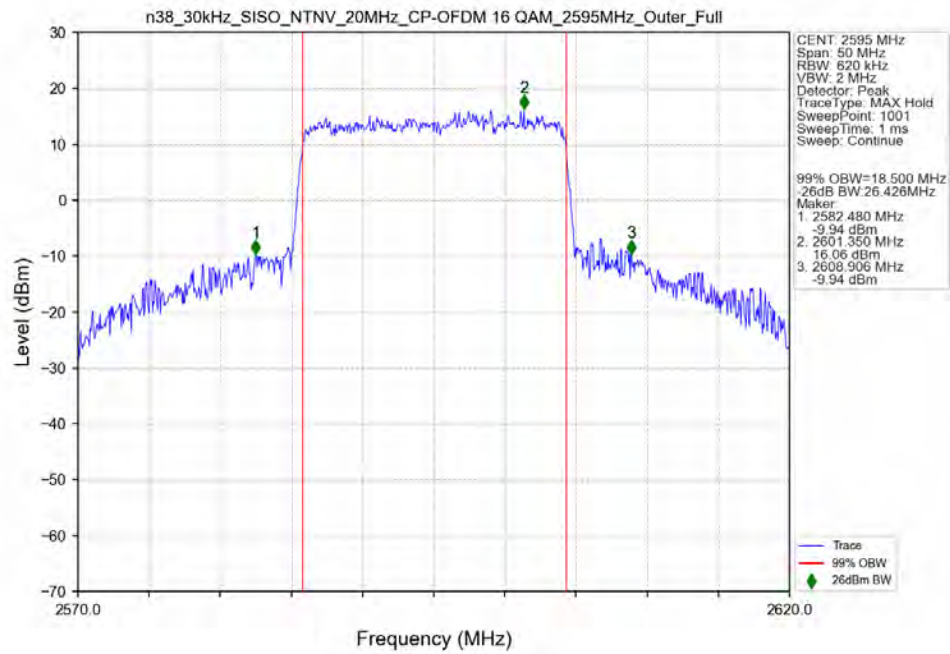
n38 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



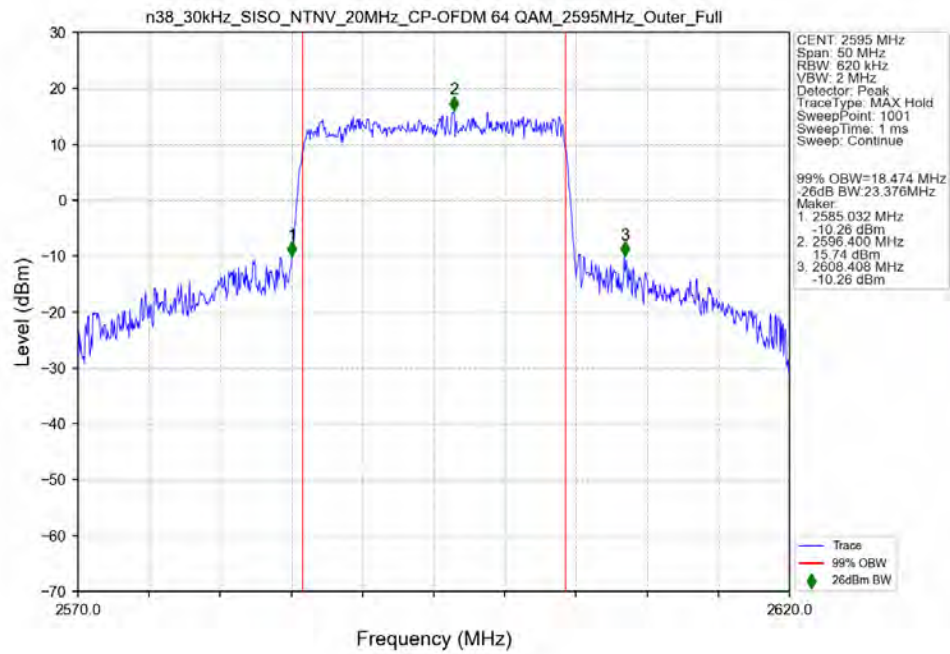
n38 30kHz SISO NTN 20MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



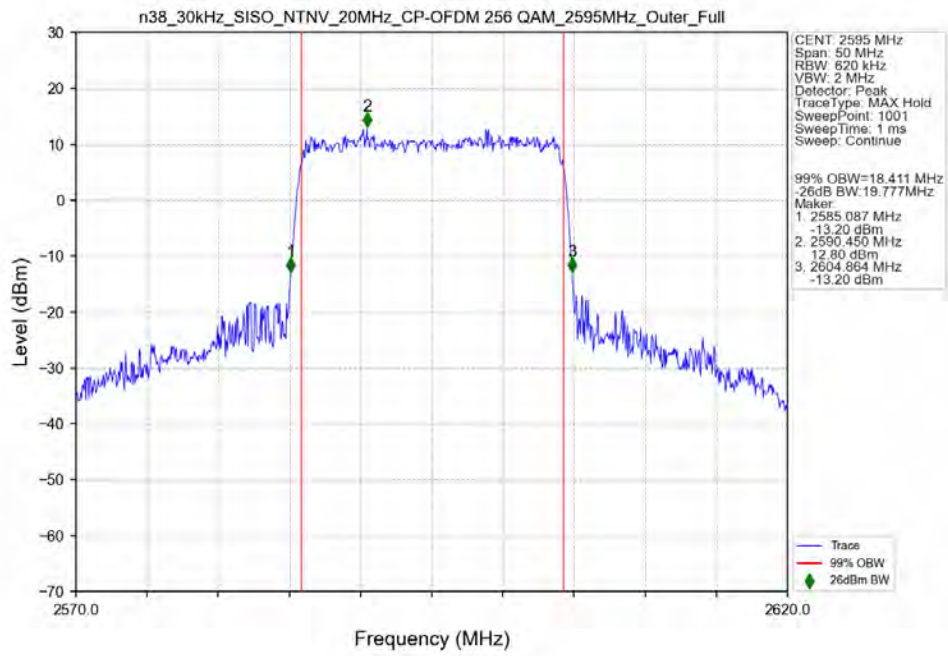
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



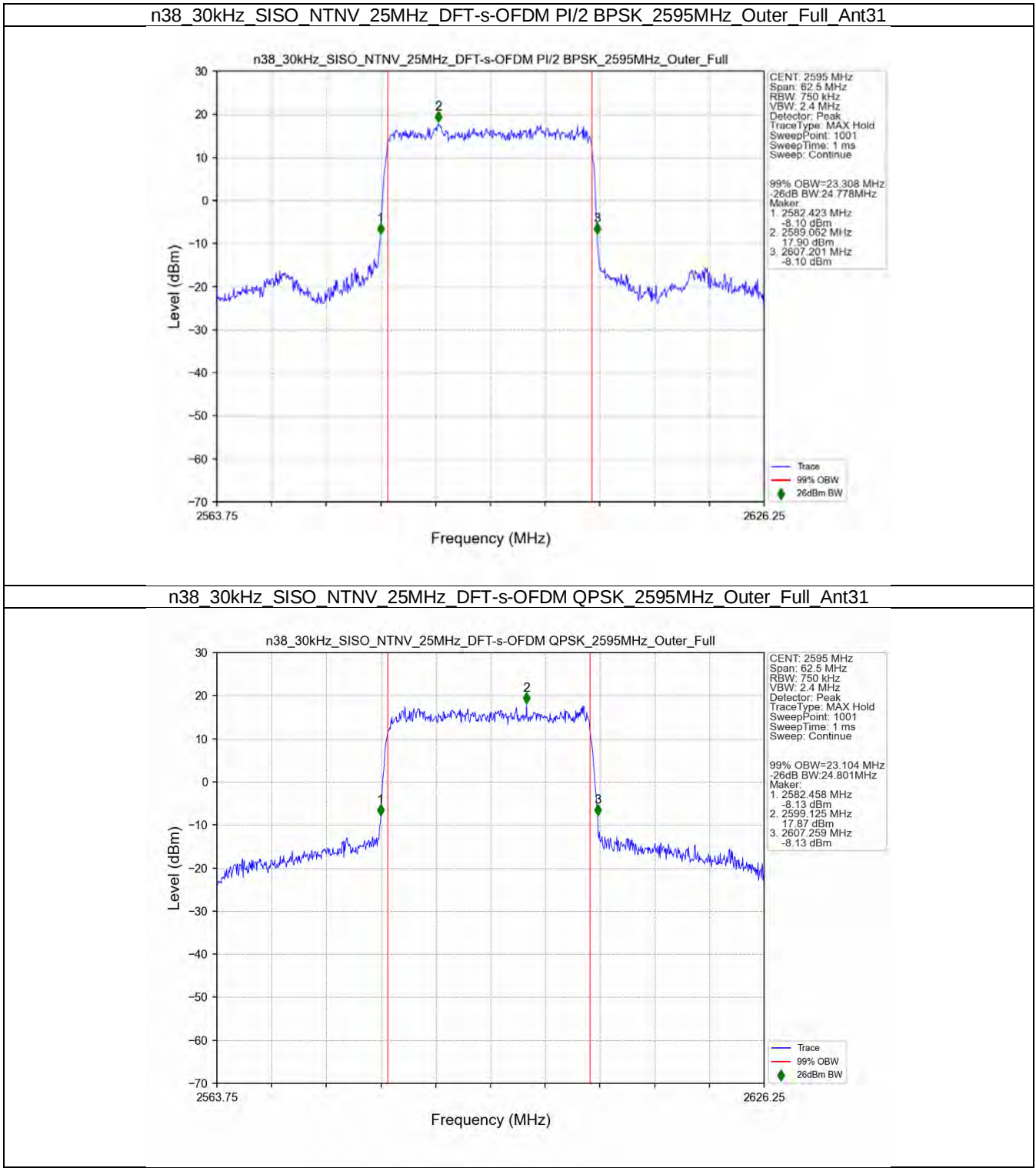
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



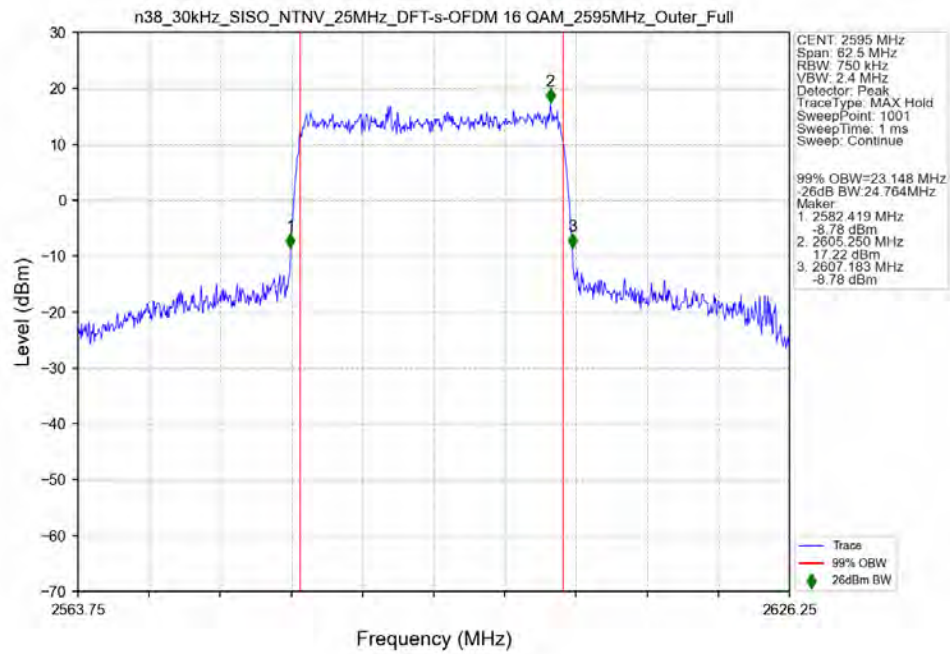
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



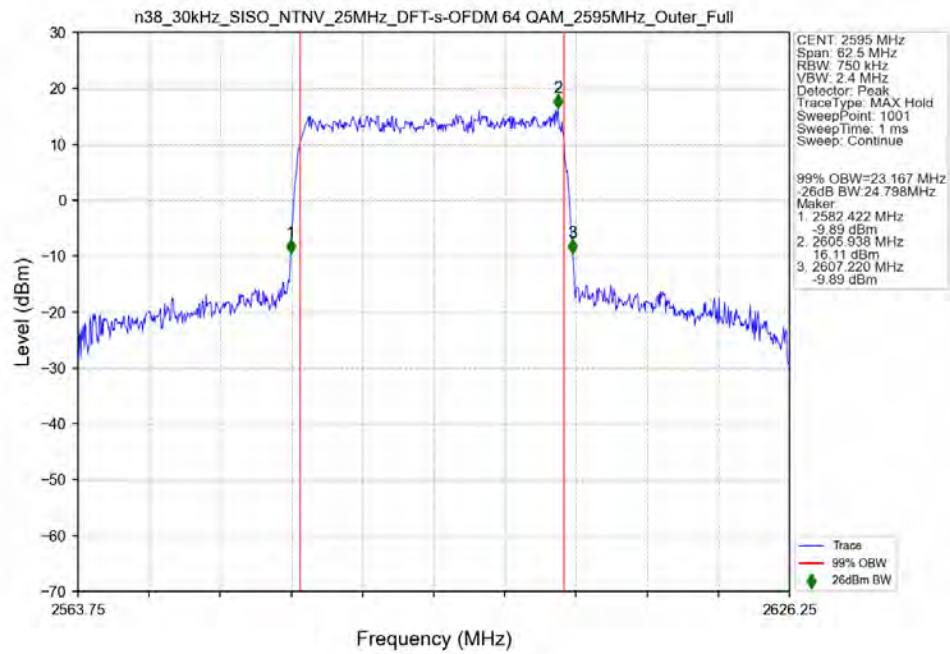
3.2.4 30k_SISO_25MHz_NTNV



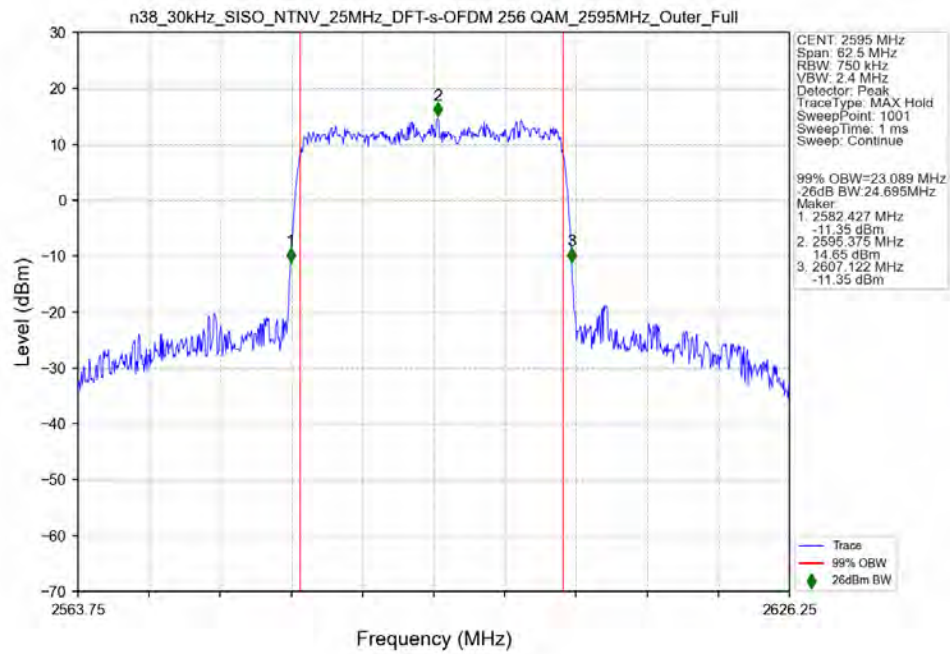
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



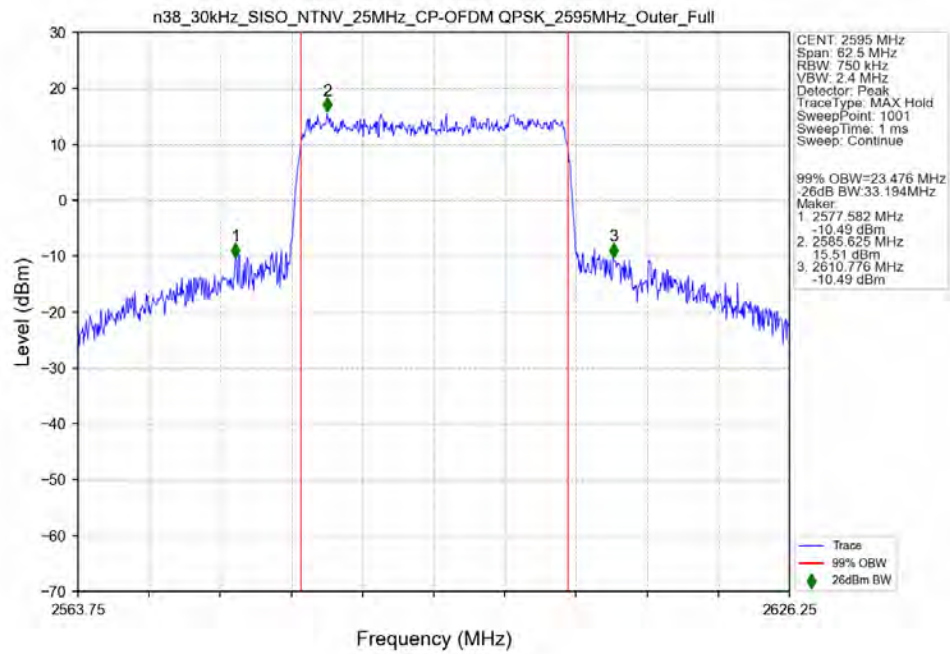
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



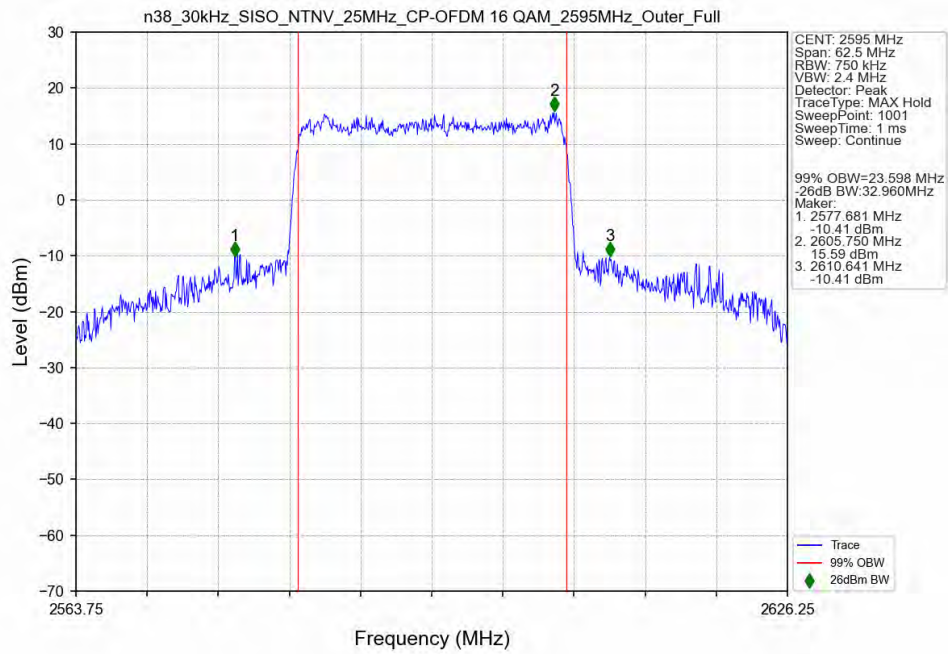
n38 30kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



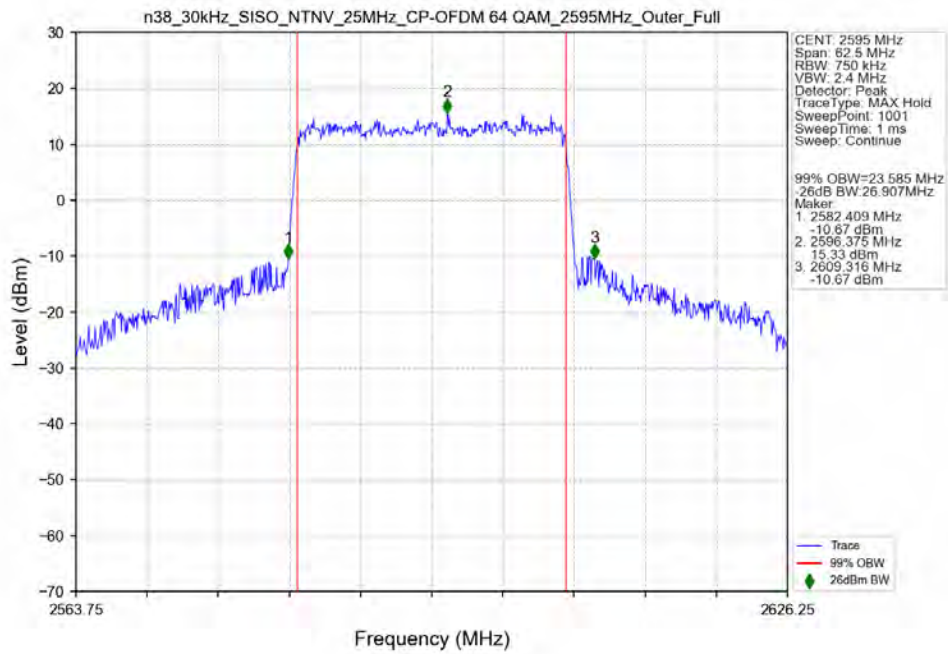
n38 30kHz SISO NTN 25MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



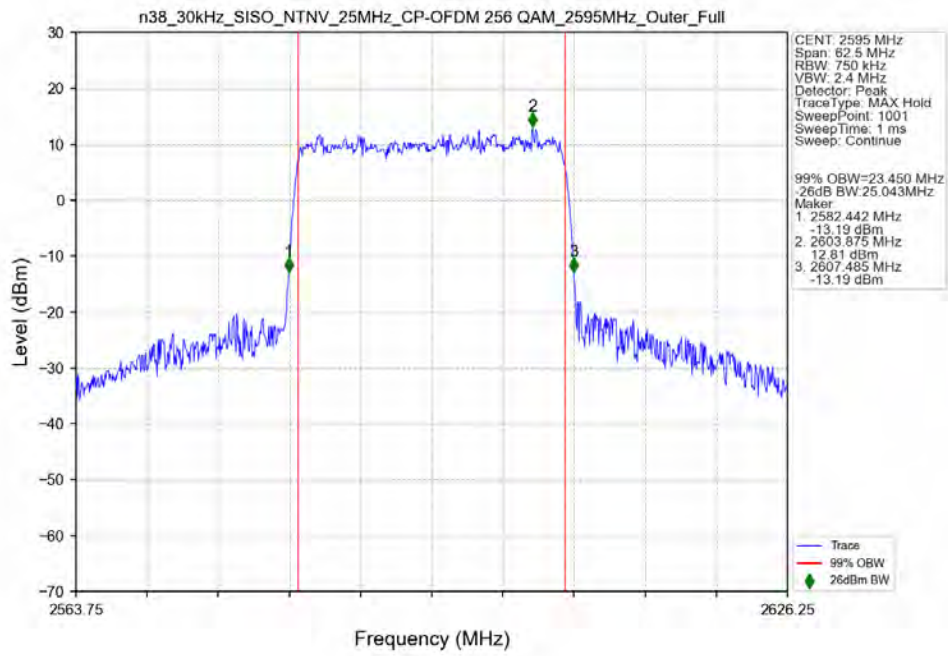
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



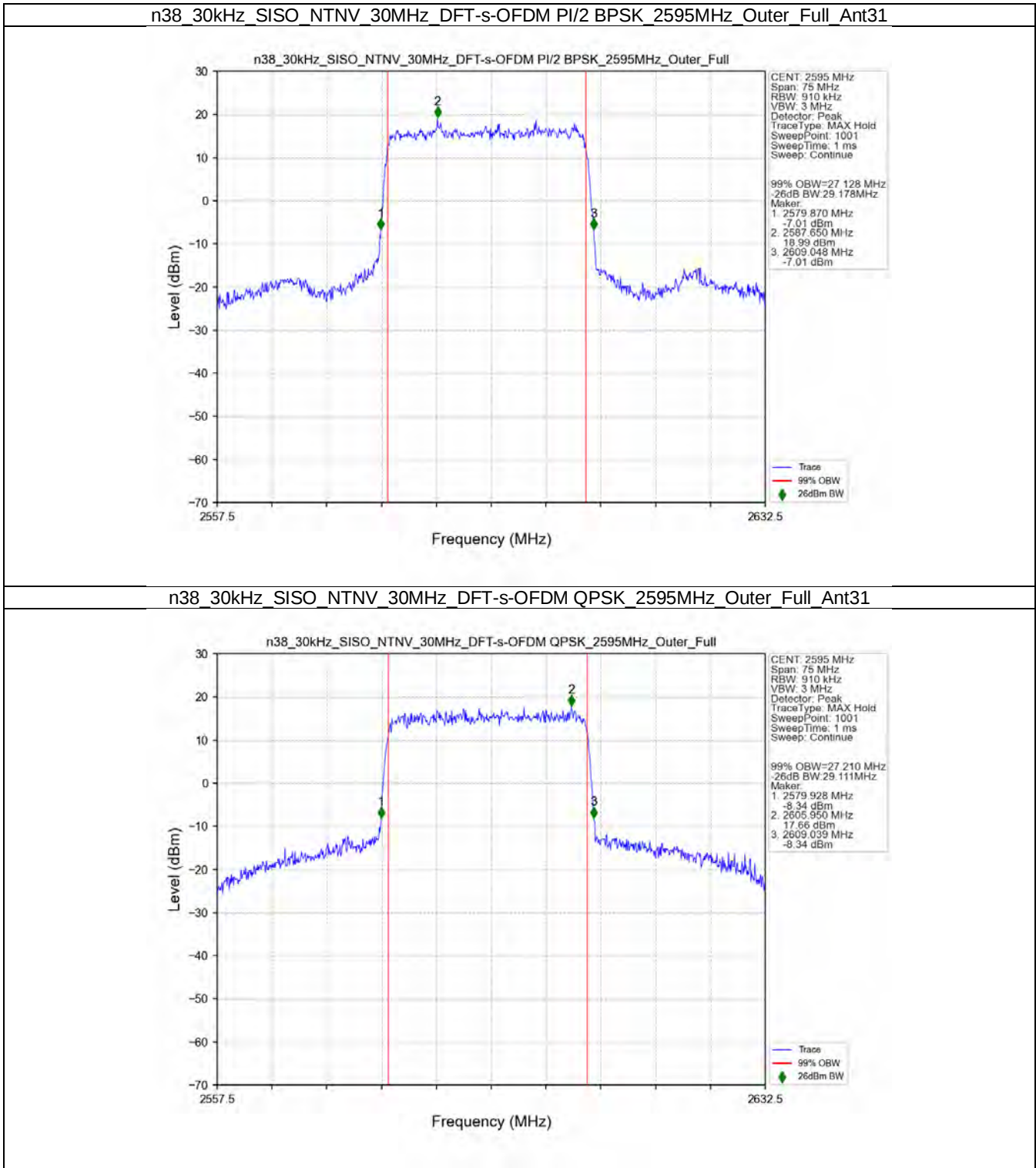
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



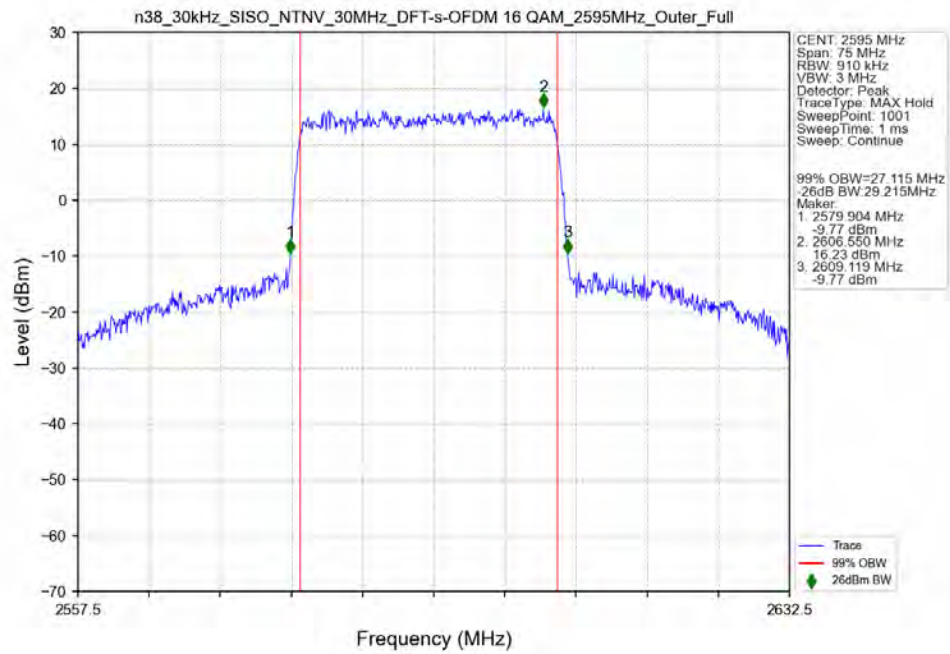
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



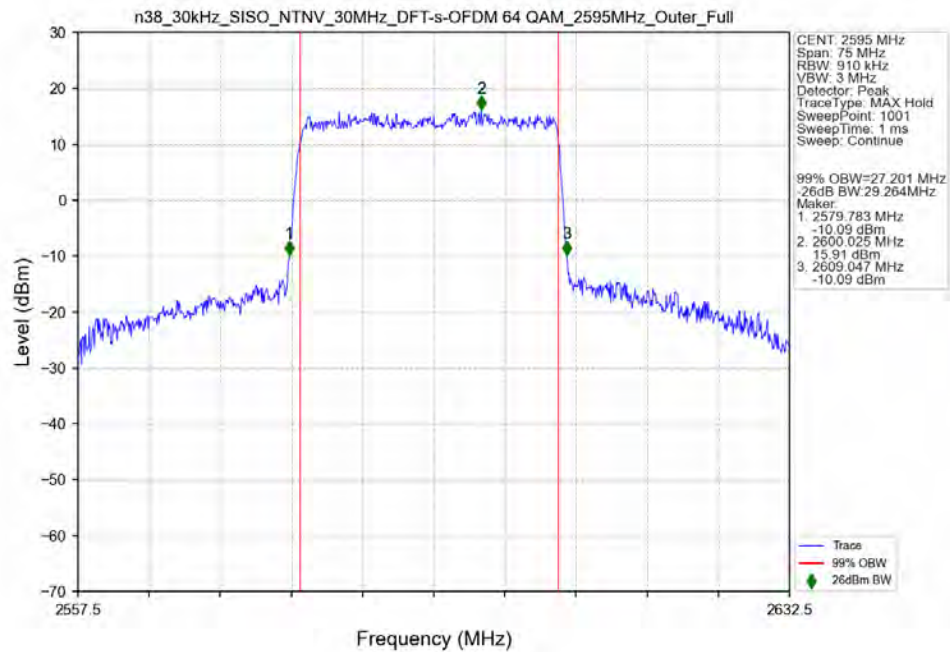
3.2.5 30k_SISO_30MHz_NTNV



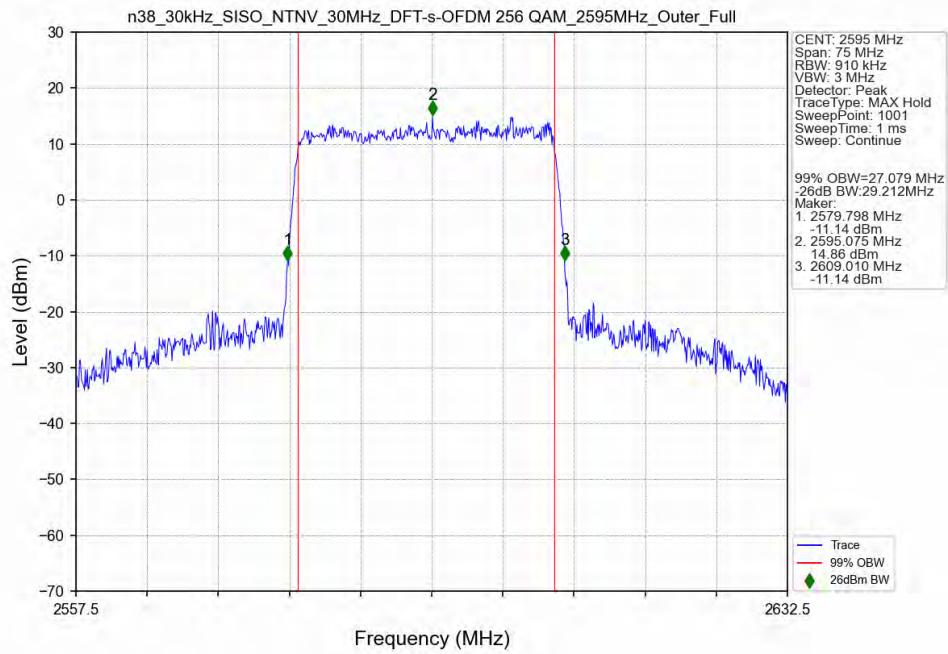
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



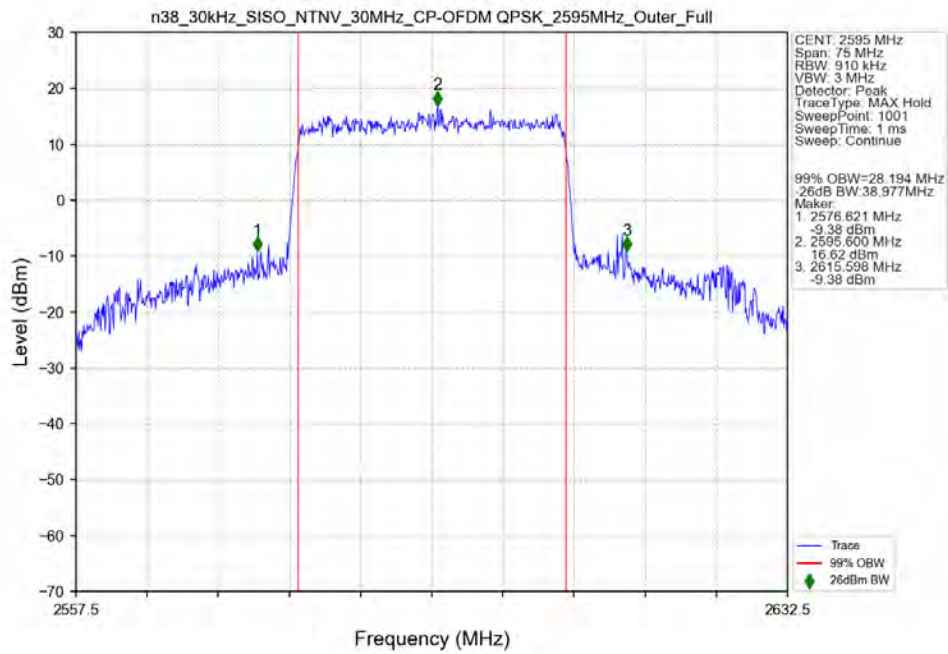
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



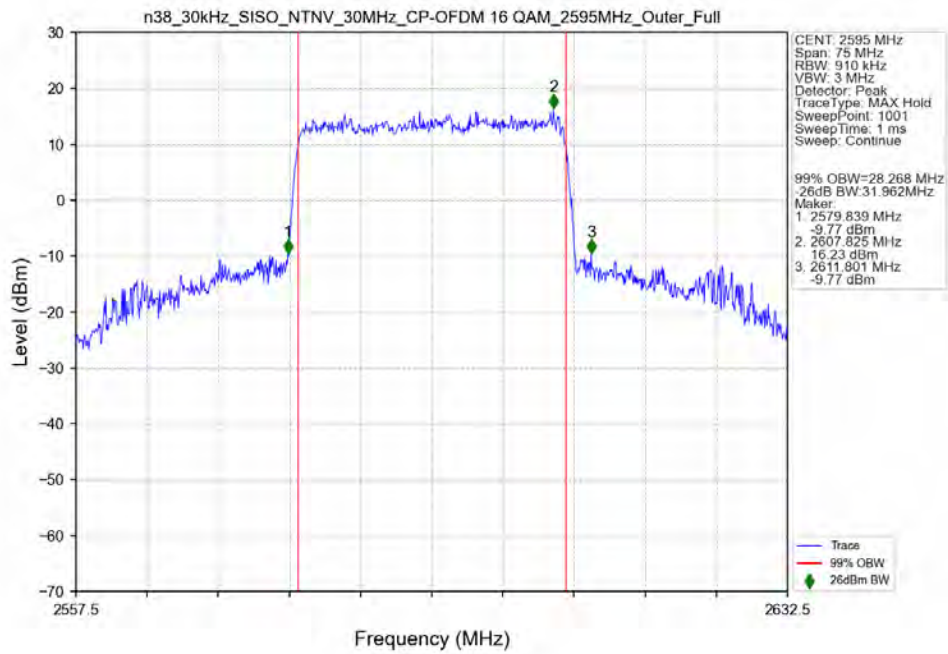
n38 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



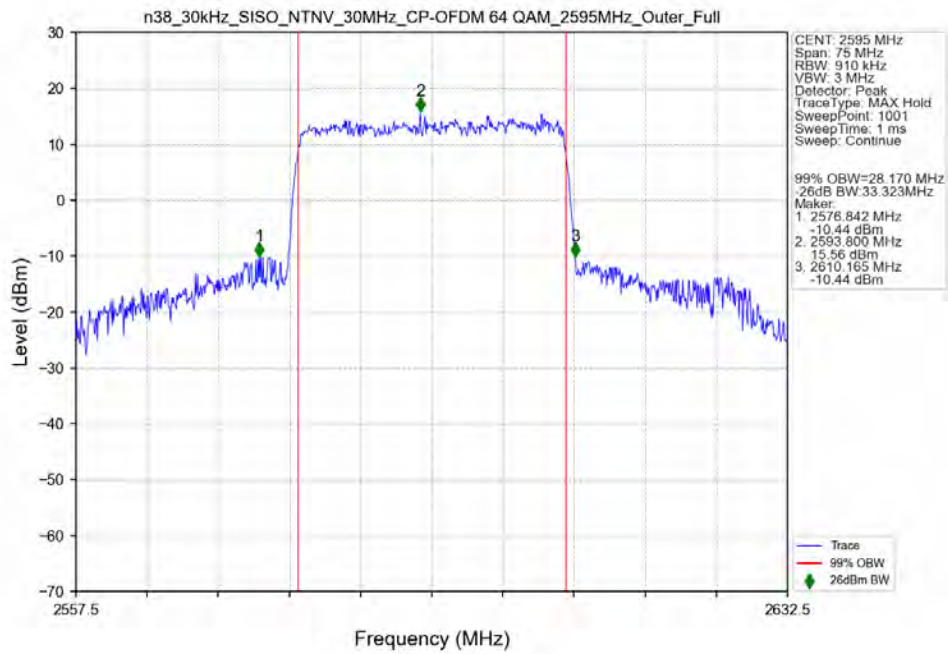
n38 30kHz SISO NTN 30MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



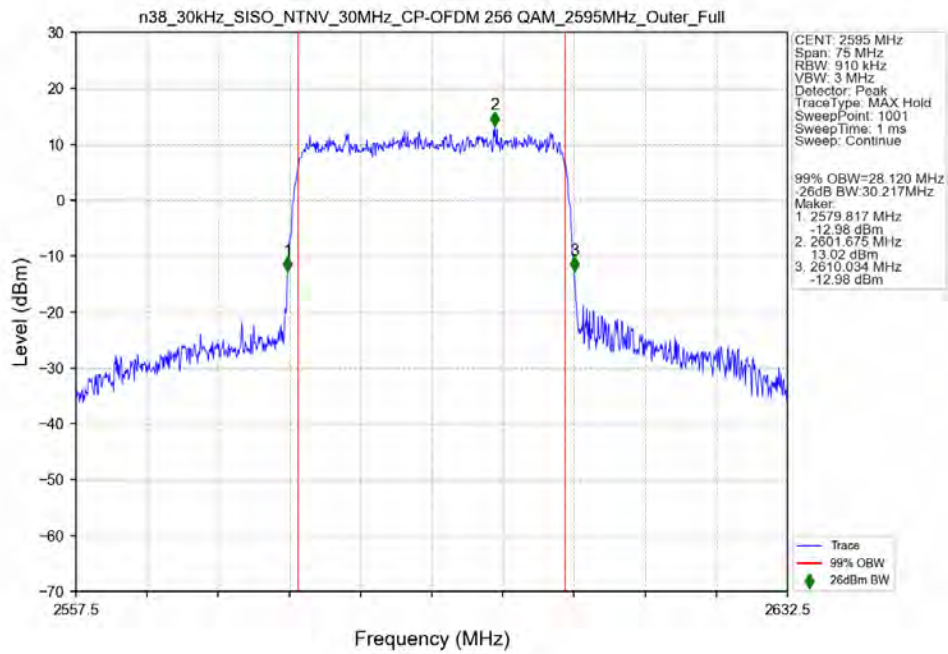
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



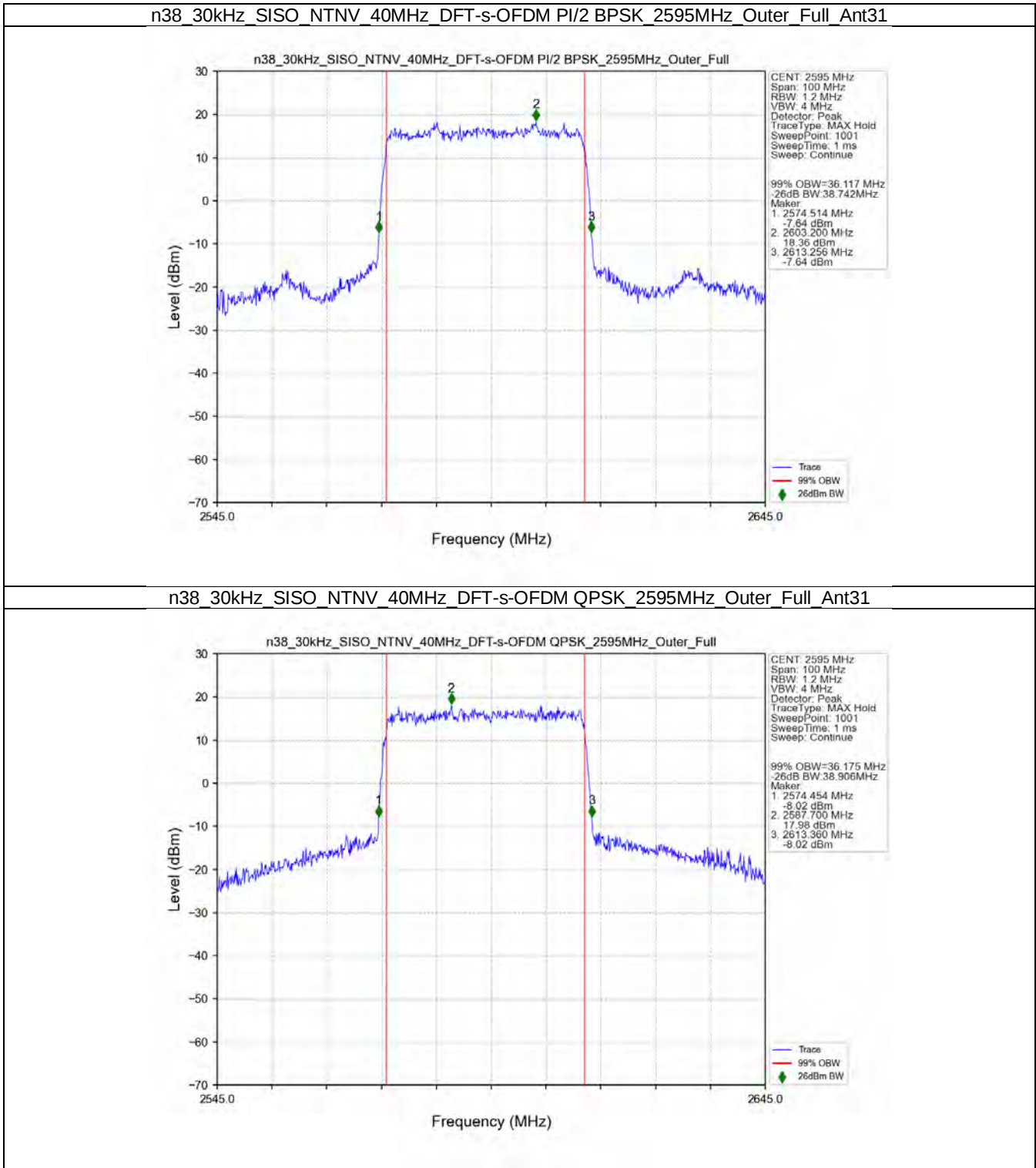
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



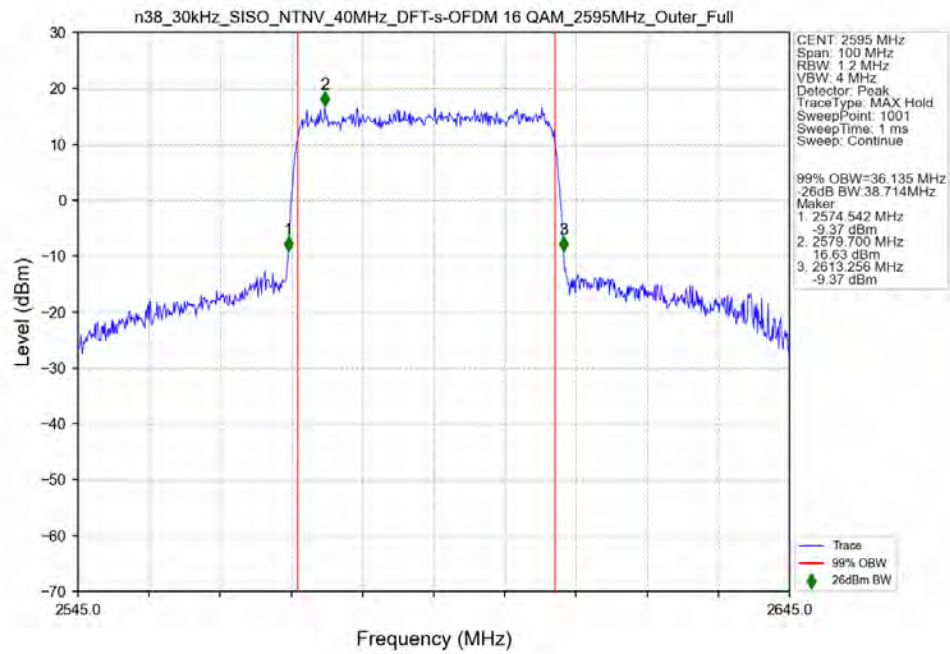
n38 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 2595MHz Outer Full Ant31



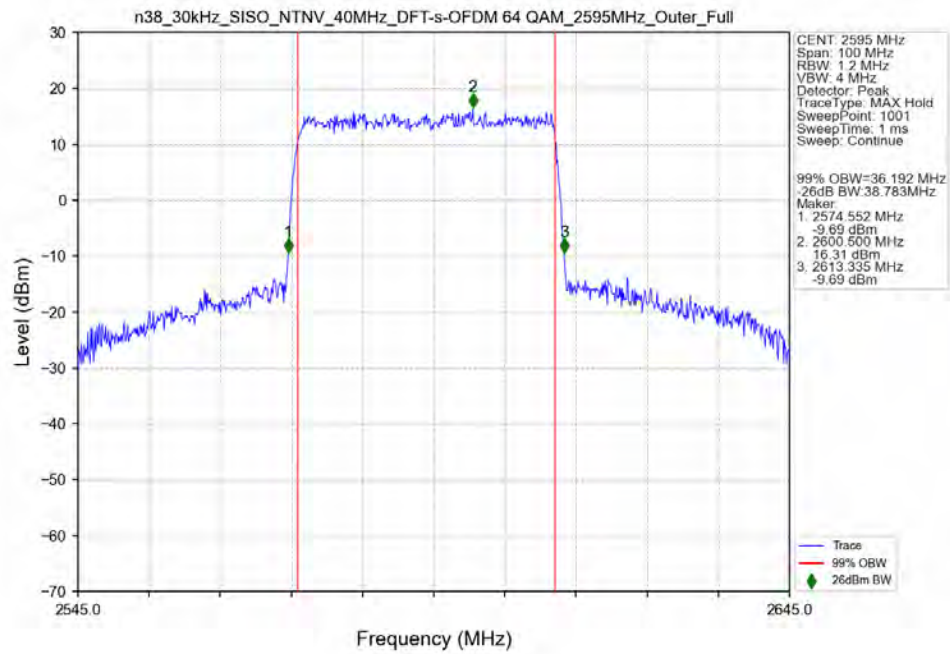
3.2.6 30k_SISO_40MHz_NTNV



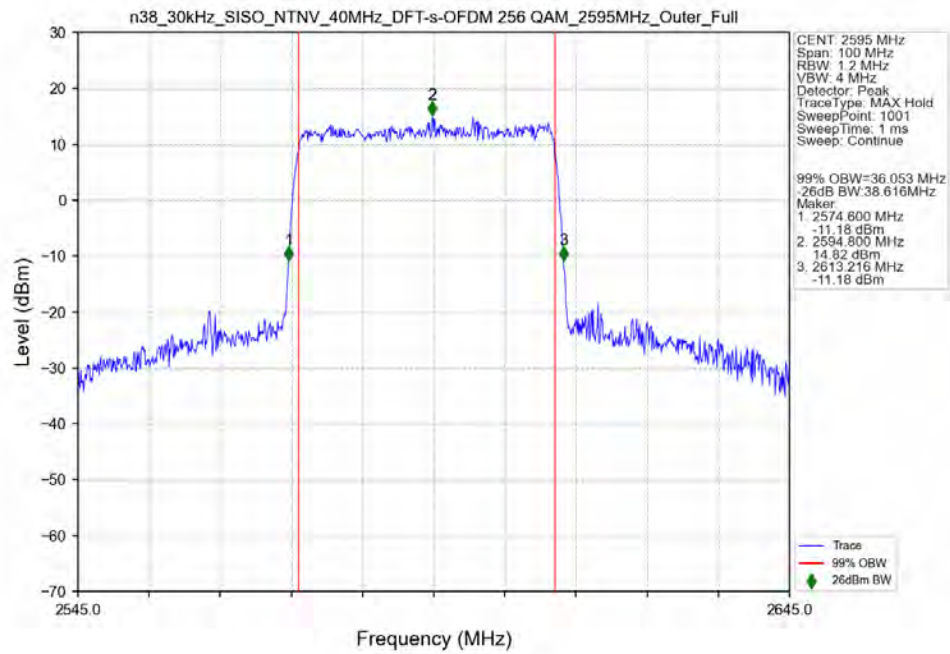
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



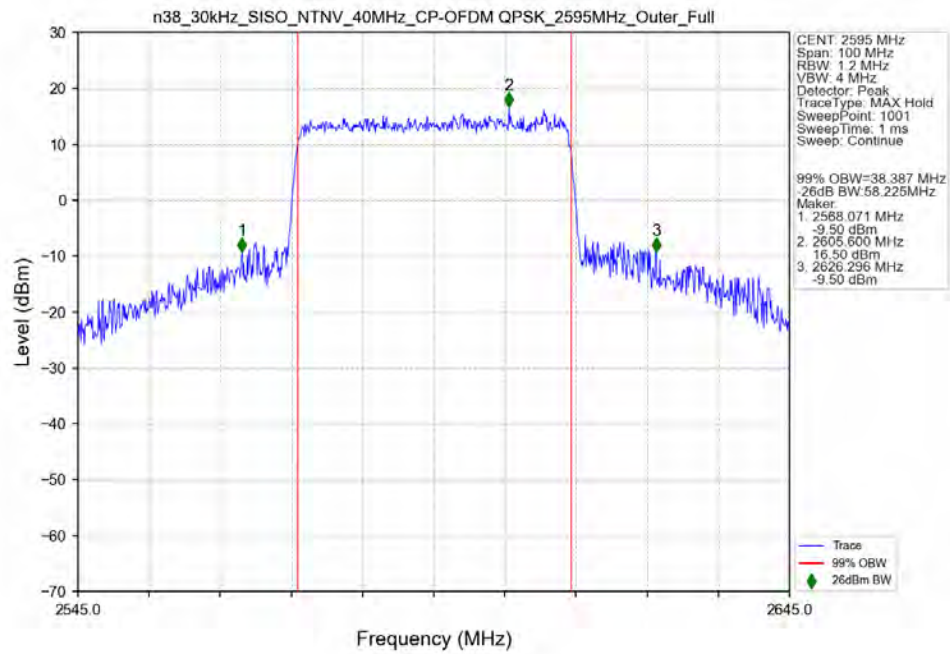
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



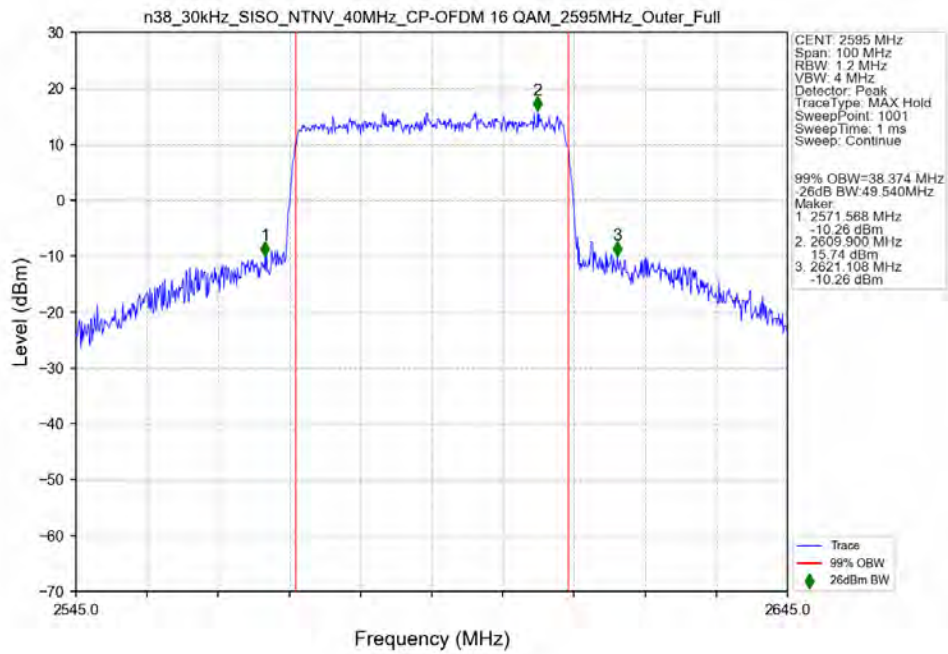
n38 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



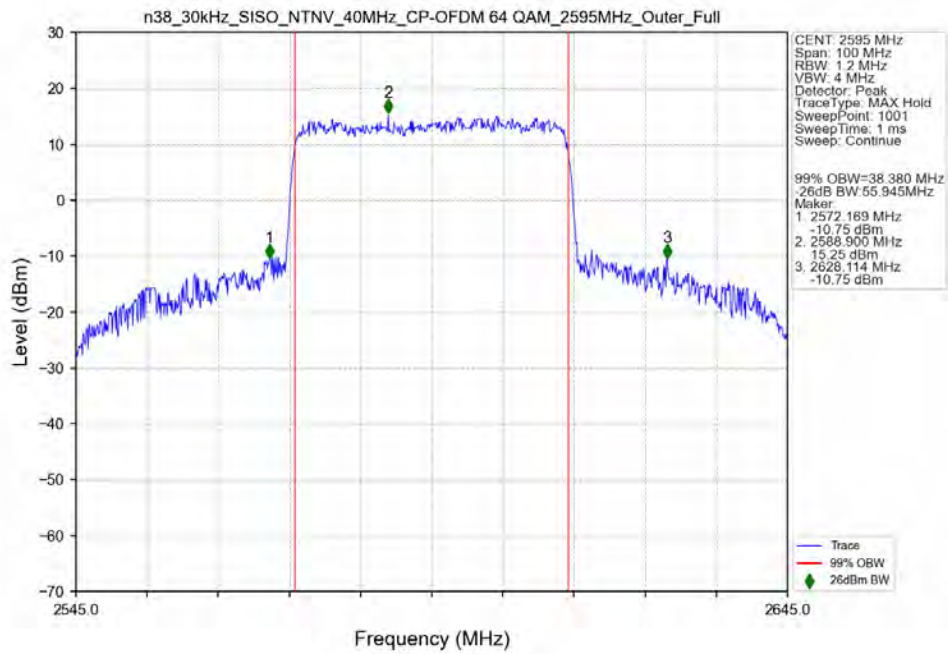
n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



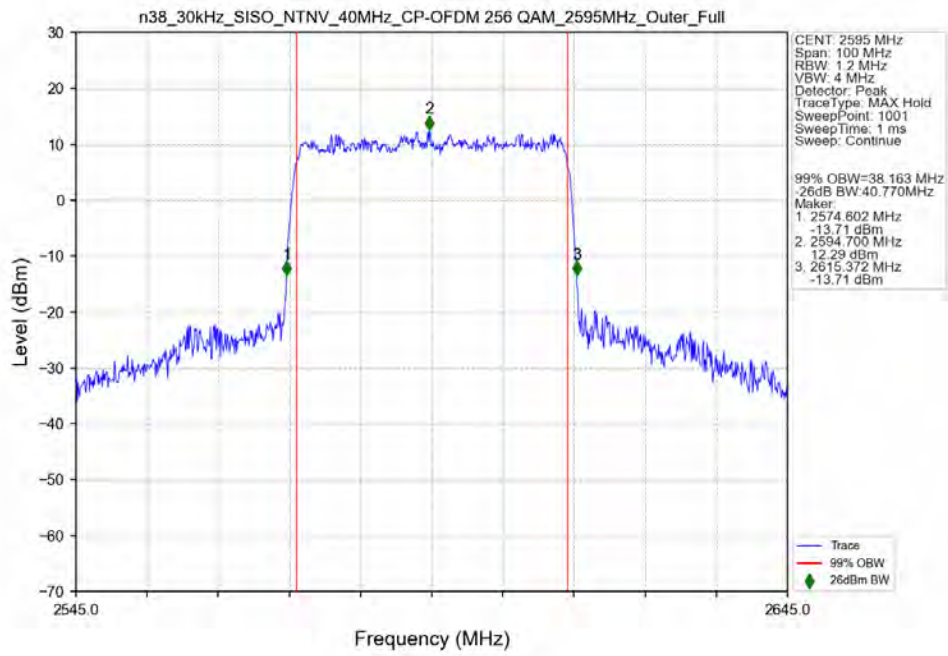
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 2595MHz Outer Full Ant31



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 2595MHz Outer Full Ant31



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



4. Peak-Average Ratio

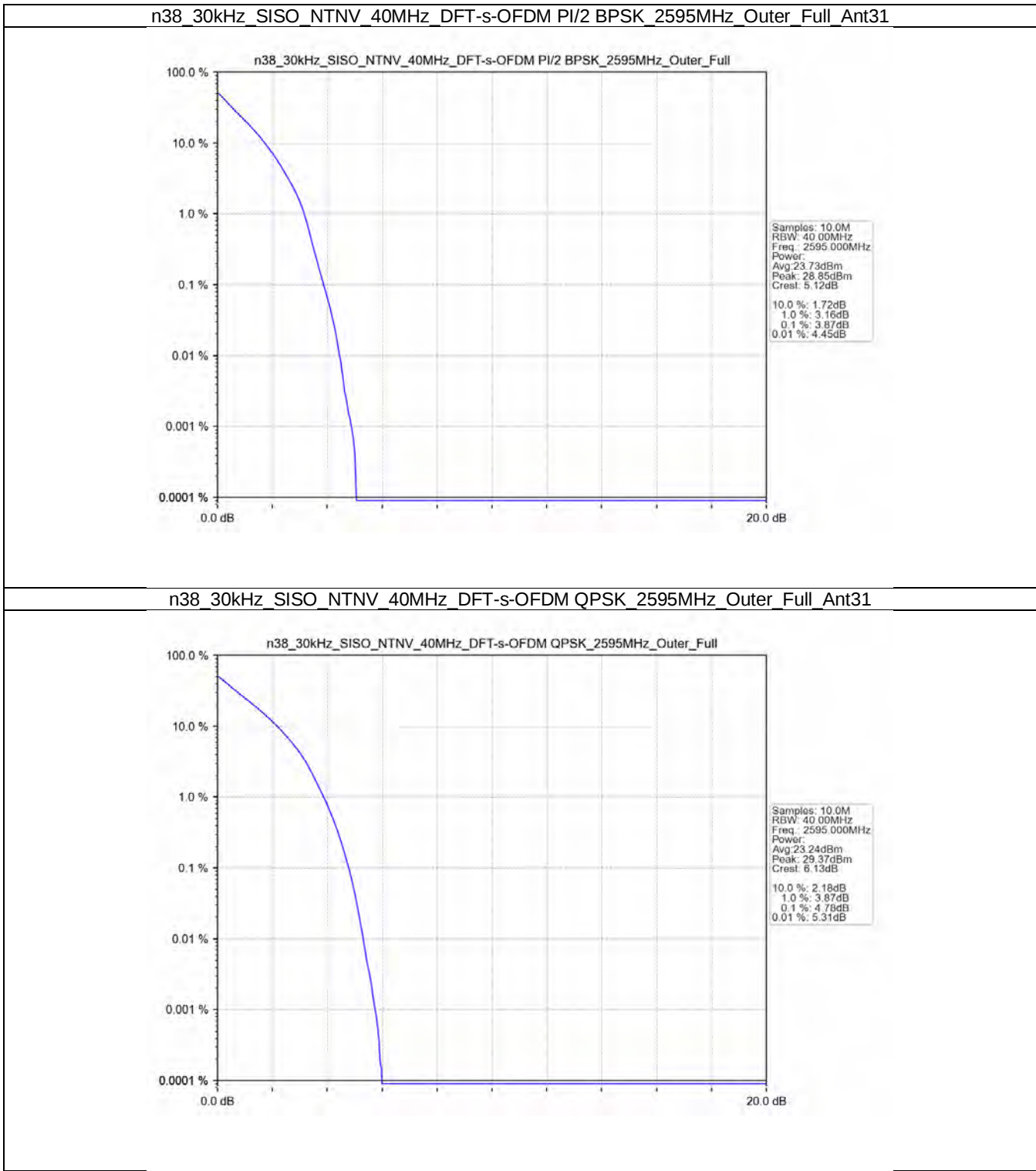
4.1 Test Result

4.1.1 30k_SISO_40MHz_NTNV

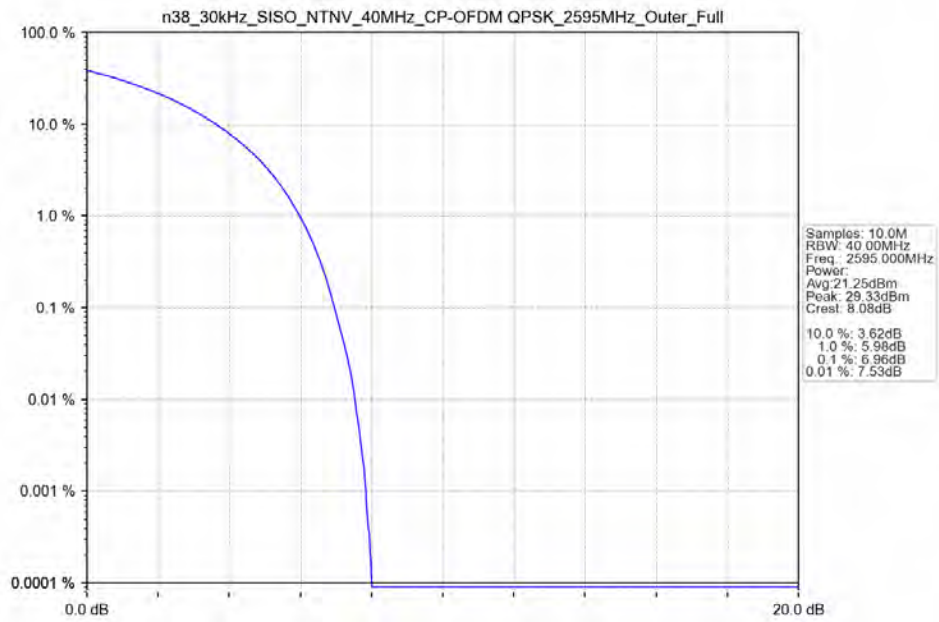
5G NR n38 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	3.87	/	/	<=13	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	4.78	/	/	<=13	Pass
CP-OFDM QPSK	2595	Outer_Full	6.96	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_40MHz_NTNV



n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n38 SCS=30kHz SISO 10MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2575	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2575	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2615	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2595	Edge_1RB_Left	Refer To Test Graph				Pass
	2575	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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 NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge 1RB Left	Refer To Test Graph				Pass
	2582.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	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	2595	Edge 1RB Left	Refer To Test Graph				Pass
	2582.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	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	2595	Edge 1RB Left	Refer To Test Graph				Pass
	2582.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	2607.5	Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

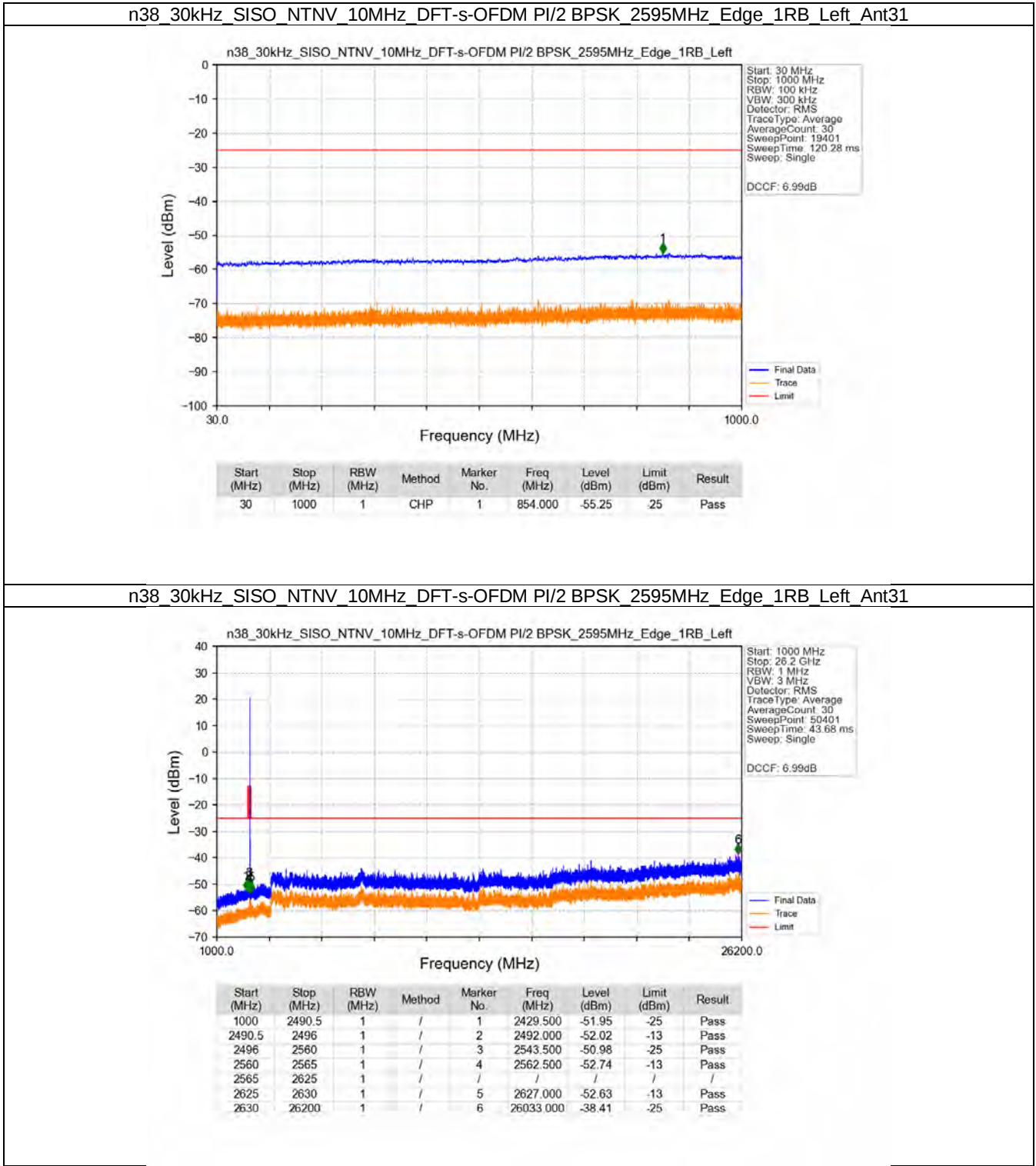
5.1.3 30k_SISO_40MHz_NTNV

5G NR n38 SCS=30kHz SISO 40MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Edge 1RB Left	Refer To Test Graph				Pass

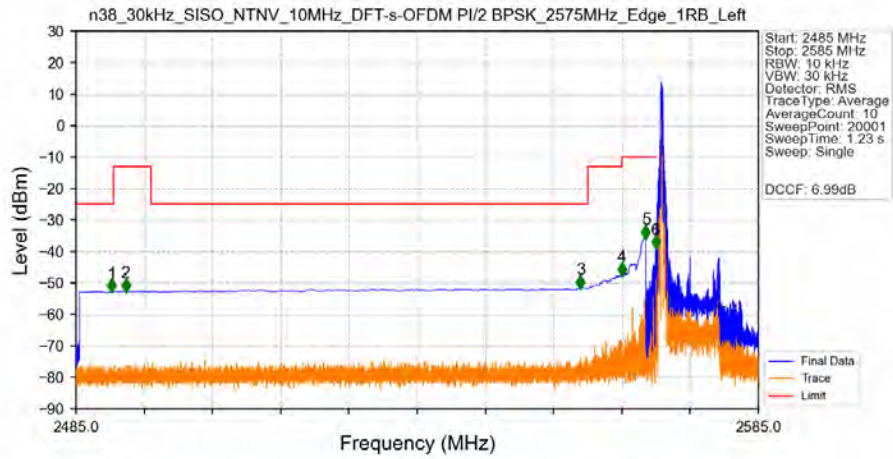
	2590	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2600	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	2595	Edge_1RB_Left	Refer To Test Graph	Pass
	2590	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph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

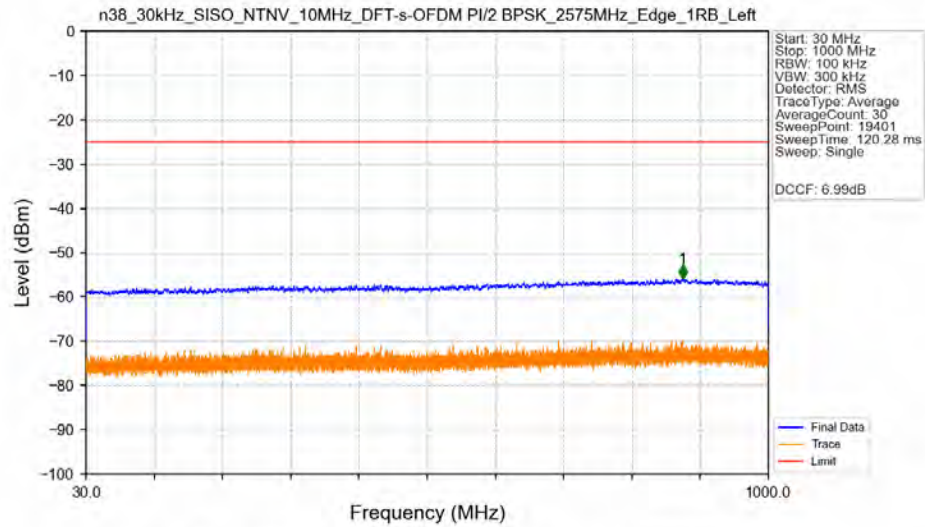


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left_Ant31



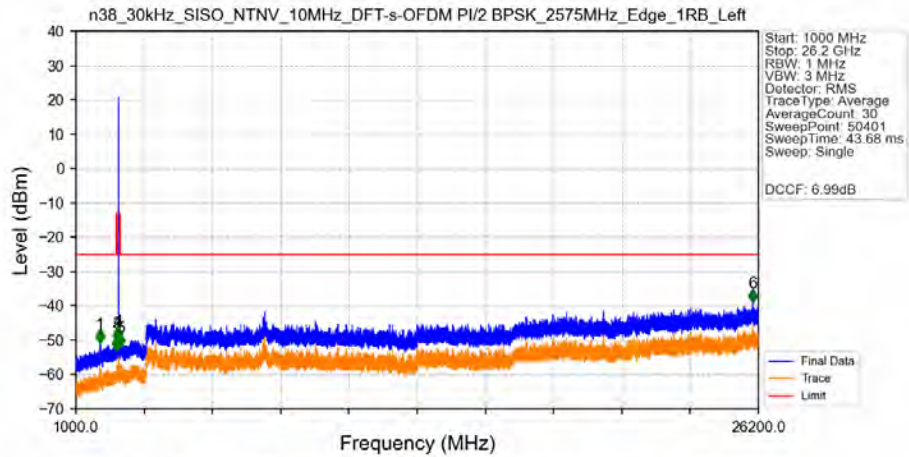
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.225	-52.62	-25	Pass
2490.5	2496	1	CHP	2	2492.275	-52.58	-13	Pass
2496	2560	1	CHP	3	2558.935	-51.55	-25	Pass
2560	2565	1	CHP	4	2564.985	-47.42	-13	Pass
2565	2569	1	CHP	5	2568.500	-35.66	-10	Pass
2569	2570	0.02	CHP	6	2569.935	-38.95	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left_Ant31



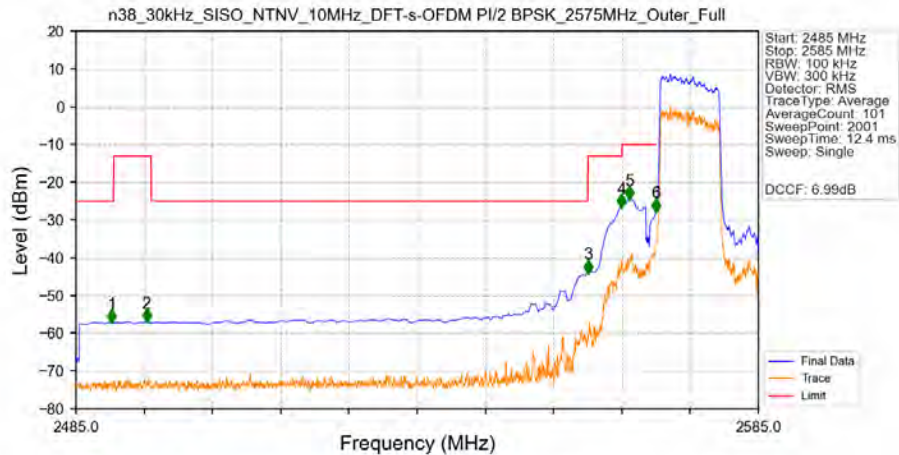
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	878.350	-55.83	25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left_Ant31



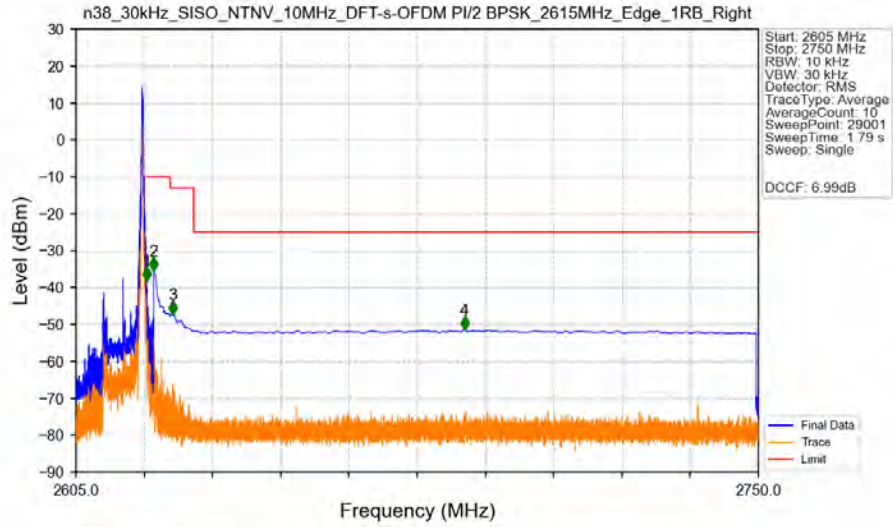
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	1883.000	-50.68	-25	Pass
2490.5	2496	1	/	2	2491.500	-52.60	-13	Pass
2496	2560	1	/	3	2523.000	-50.31	-25	Pass
2560	2565	1	/	4	2561.000	-49.68	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2629.000	-51.71	13	Pass
2630	26200	1	/	6	25983.000	-38.72	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Outer_Full_Ant31



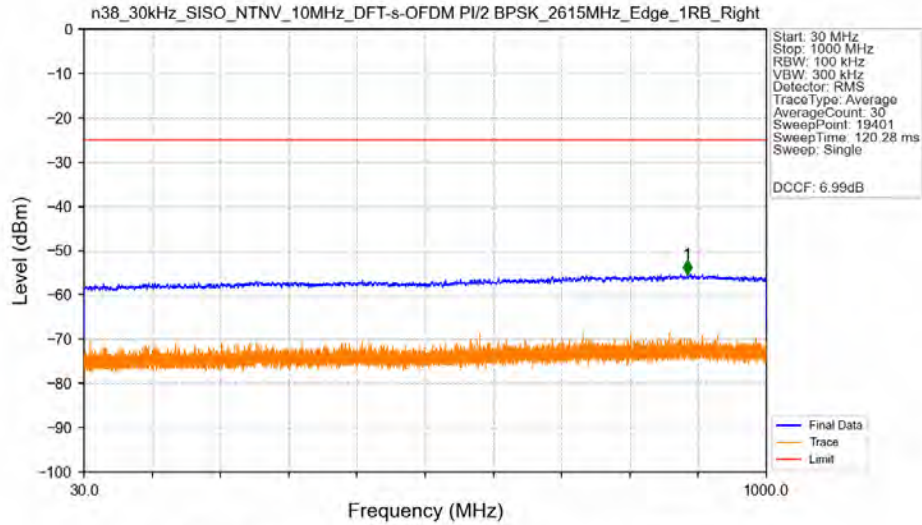
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.250	-57.08	-25	Pass
2490.5	2496	1	CHP	2	2495.350	-56.80	-13	Pass
2496	2560	1	CHP	3	2560.000	-43.90	-25	Pass
2560	2565	1	CHP	4	2564.950	-26.44	-13	Pass
2565	2569	1	CHP	5	2566.050	-24.31	-10	Pass
2569	2570	0.19	CHP	6	2569.950	-27.66	-10	Pass
2570	2585	0.19	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant31



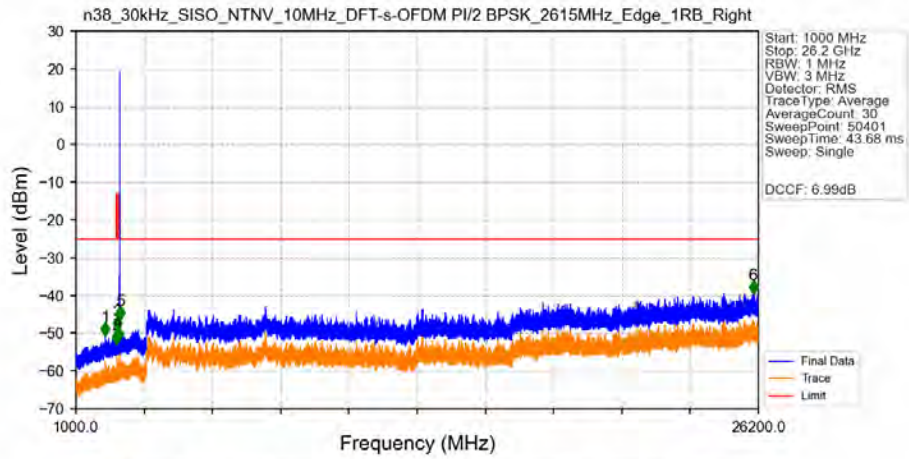
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-38.04	-10	Pass
2621	2625	1	CHP	2	2621.520	-35.42	-10	Pass
2625	2630	1	CHP	3	2625.495	-47.21	-13	Pass
2630	2750	1	CHP	4	2687.535	-51.45	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant31



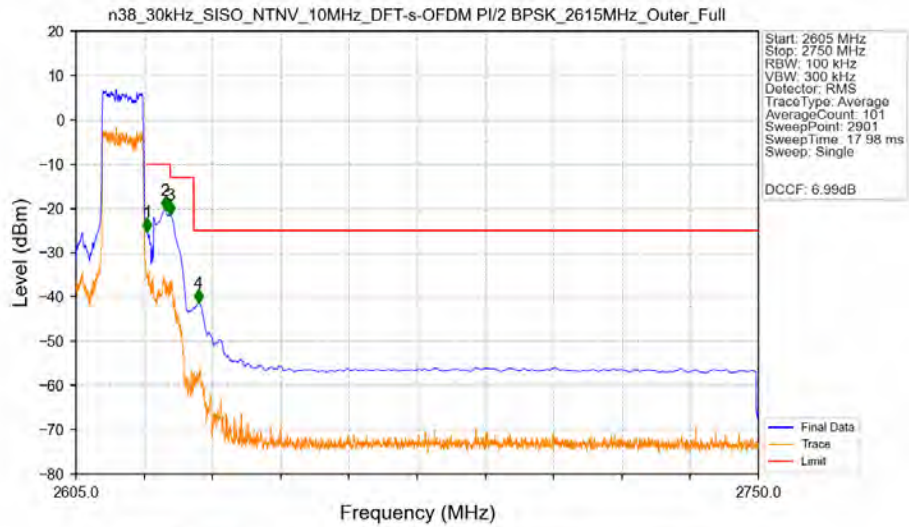
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	887.600	-55.29	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant31



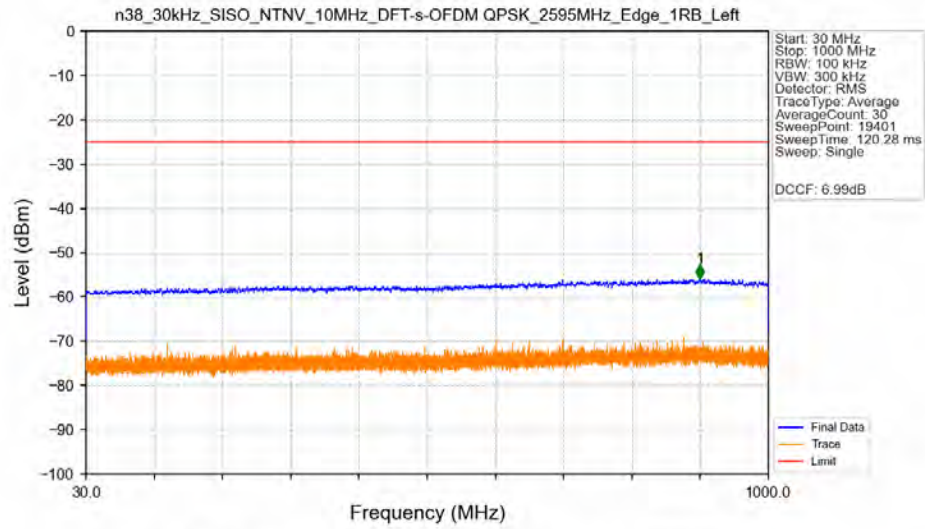
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2081.500	-50.46	-25	Pass
2490.5	2496	1	/	2	2495.500	-52.53	-13	Pass
2496	2560	1	/	3	2515.500	-48.90	-25	Pass
2560	2565	1	/	4	2564.500	-51.80	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2625.500	-46.18	-13	Pass
2630	26200	1	/	6	26007.000	-39.36	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Outer_Full_Ant31

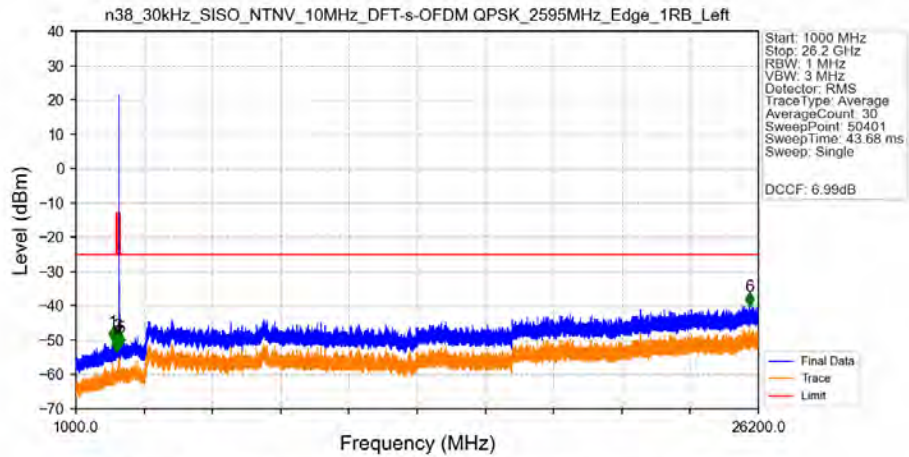


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.191	CHP	/	/	/	/	/
2620	2621	0.191	CHP	1	2620.100	-25.37	-10	Pass
2621	2625	1	CHP	2	2623.950	-20.45	-10	Pass
2625	2630	1	CHP	3	2625.050	-21.56	-13	Pass
2630	2750	1	CHP	4	2631.000	-41.26	-25	Pass

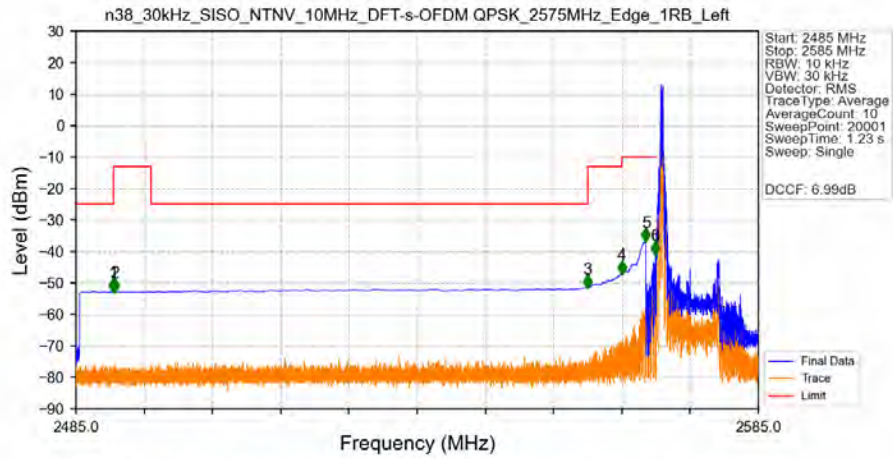
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



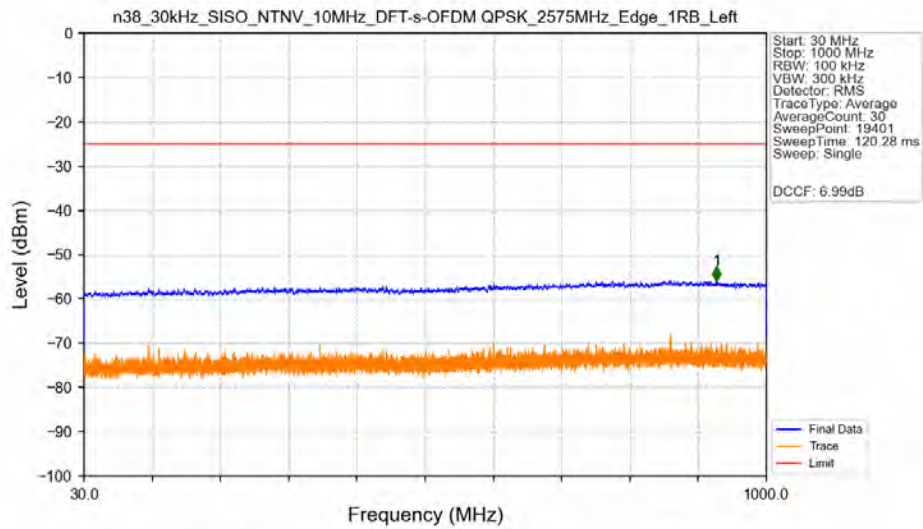
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



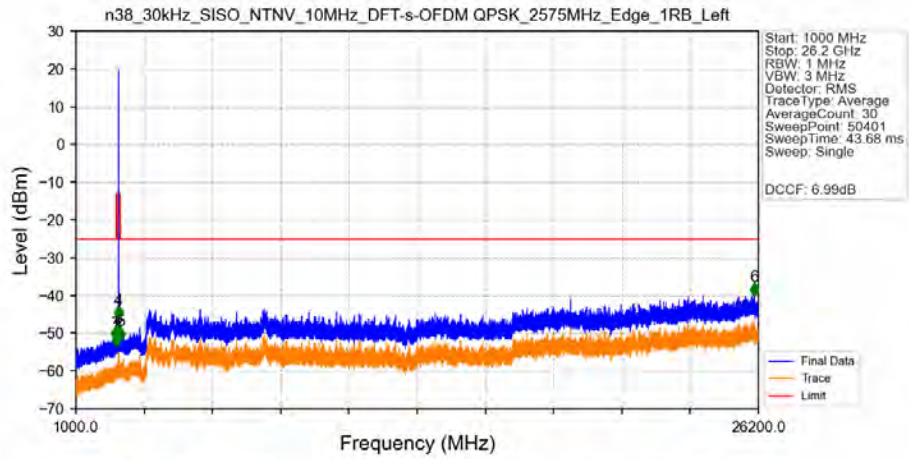
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31

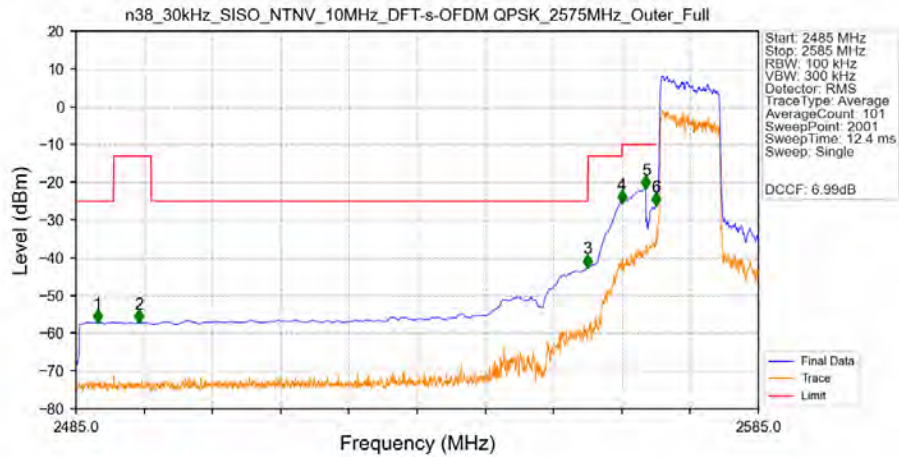


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31



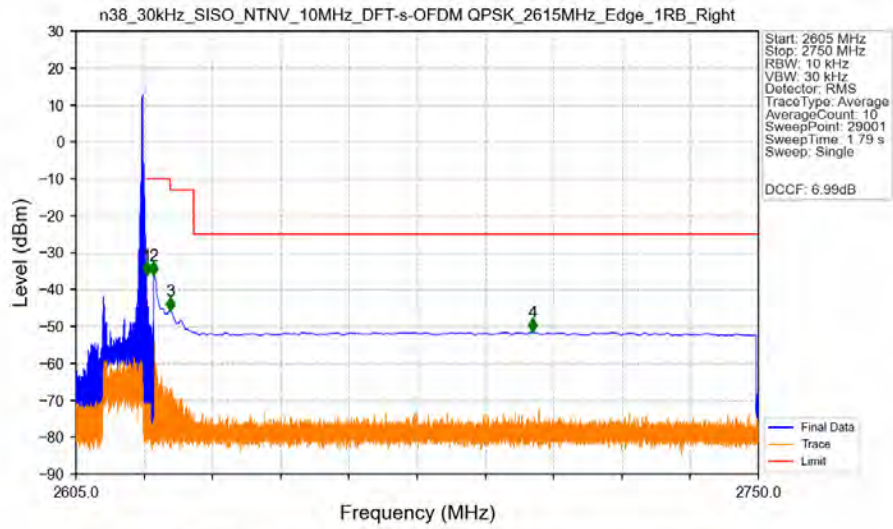
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2446.500	-51.54	-25	Pass
2490.5	2496	1	/	2	2494.000	-53.10	-13	Pass
2496	2560	1	/	3	2549.000	-50.80	-25	Pass
2560	2565	1	/	4	2564.000	-45.95	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2629.000	-51.60	-13	Pass
2630	26200	1	/	6	26038.500	-39.87	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Outer_Full_Ant31

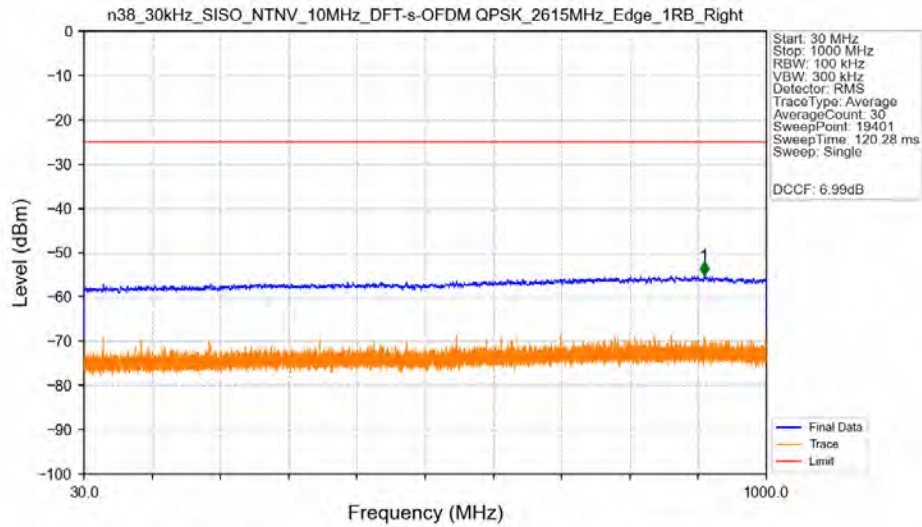


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.150	-57.00	-25	Pass
2490.5	2496	1	CHP	2	2494.250	-57.08	-13	Pass
2496	2560	1	CHP	3	2559.950	-42.40	-25	Pass
2560	2565	1	CHP	4	2565.000	-25.37	-13	Pass
2565	2569	1	CHP	5	2568.500	-21.57	-10	Pass
2569	2570	0.193	CHP	6	2569.950	-26.09	-10	Pass
2570	2585	0.193	CHP	/	/	/	/	/

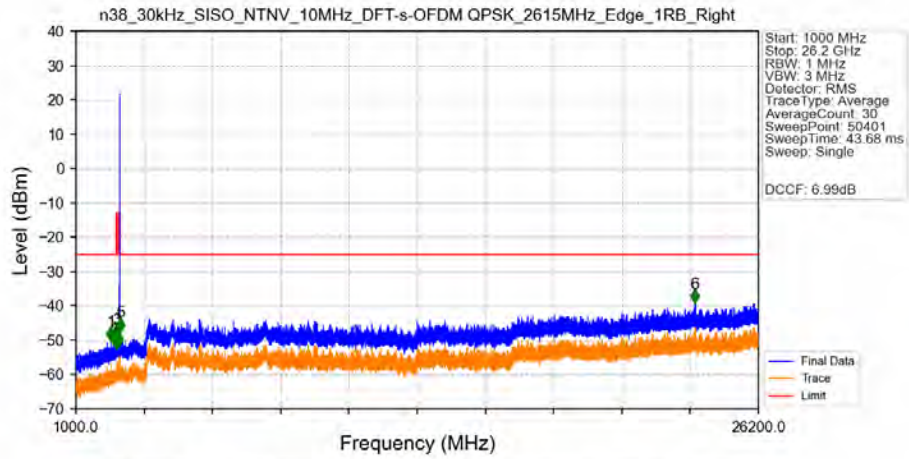
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31

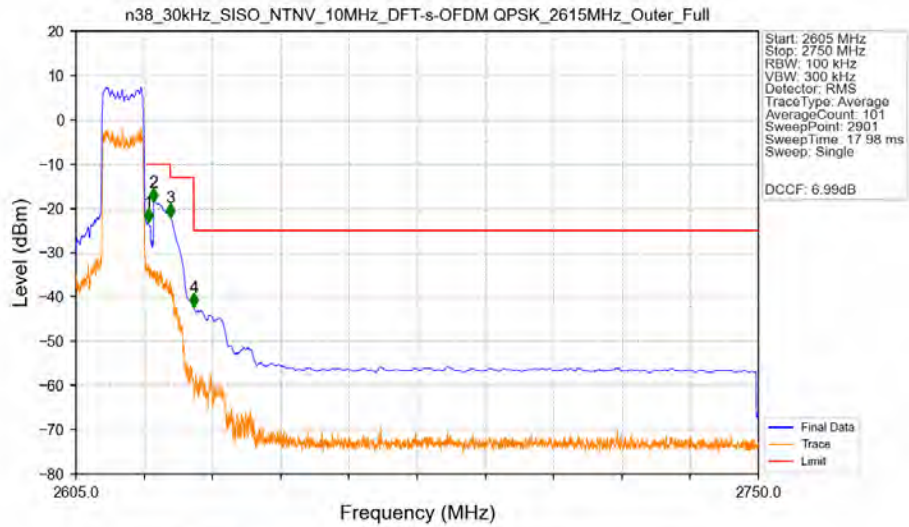


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31



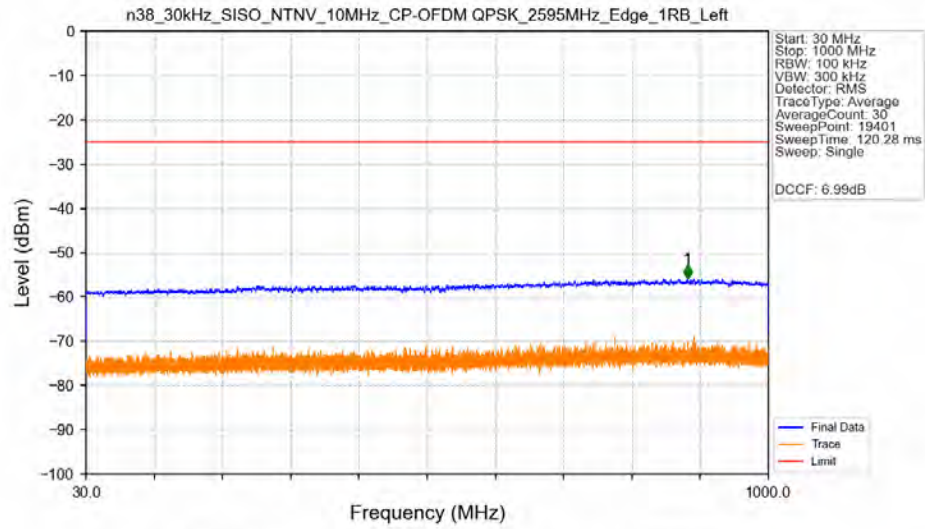
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2293.500	-49.86	-25	Pass
2490.5	2496	1	/	2	2494.000	-52.13	-13	Pass
2496	2560	1	/	3	2515.000	-49.19	-25	Pass
2560	2565	1	/	4	2564.000	-51.55	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2627.000	-47.21	-13	Pass
2630	26200	1	/	6	23857.500	-38.90	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Outer_Full_Ant31

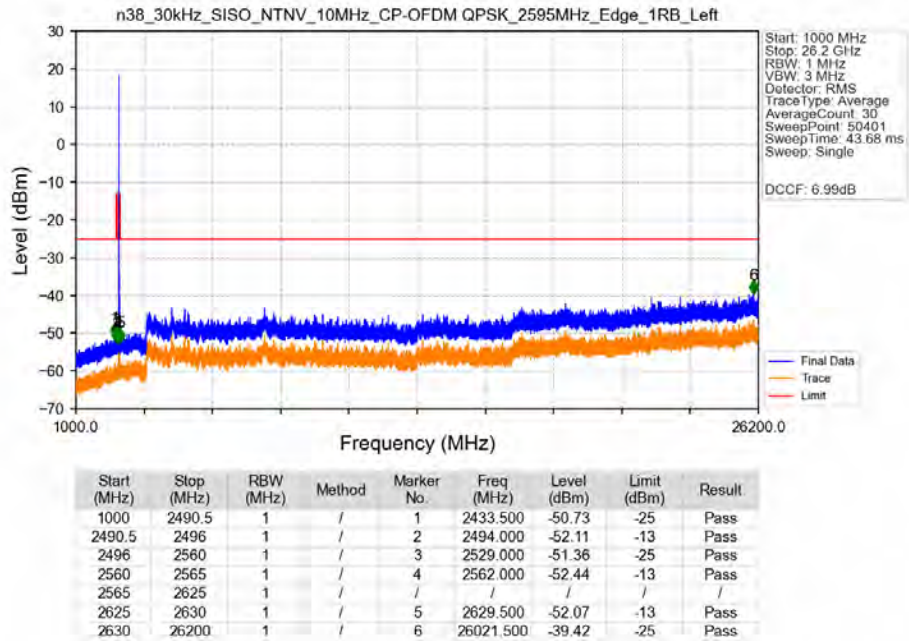


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.242	CHP	/	/	/	/	/
2620	2621	0.242	CHP	1	2620.350	-23.06	-10	Pass
2621	2625	1	CHP	2	2621.500	-18.52	-10	Pass
2625	2630	1	CHP	3	2625.050	-21.98	-13	Pass
2630	2750	1	CHP	4	2630.050	-42.30	-25	Pass

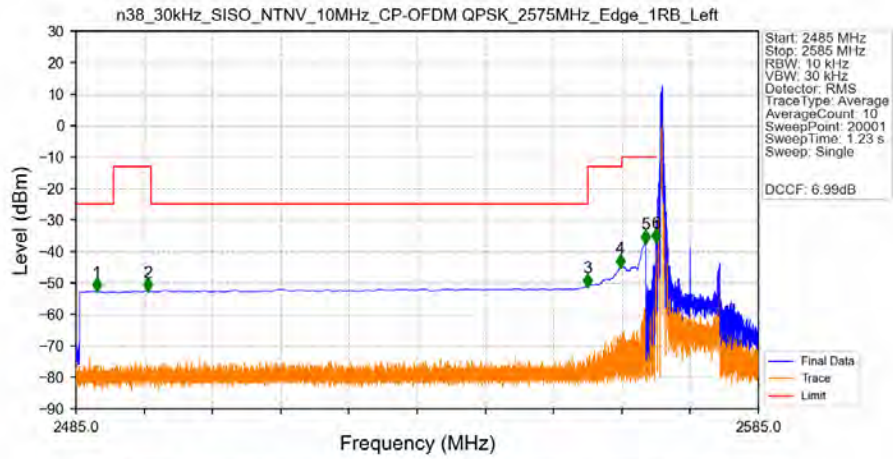
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

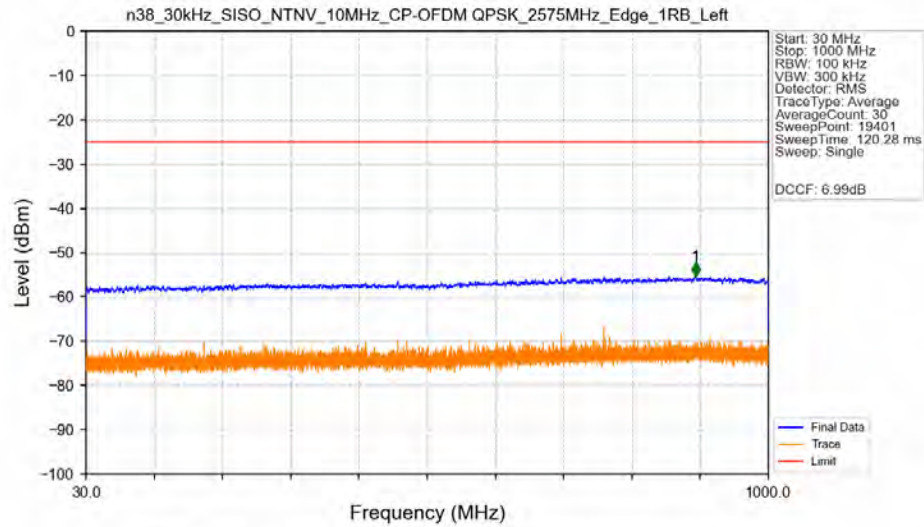


n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31



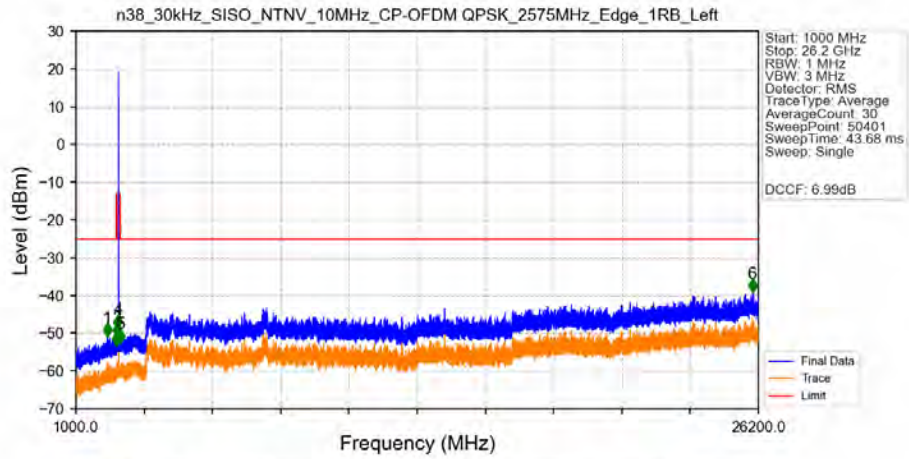
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.020	-52.52	-25	Pass
2490.5	2496	1	CHP	2	2495.495	-52.53	-13	Pass
2496	2560	1	CHP	3	2559.920	-51.03	-25	Pass
2560	2565	1	CHP	4	2564.780	-44.87	-13	Pass
2565	2569	1	CHP	5	2568.440	-37.20	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-36.83	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31



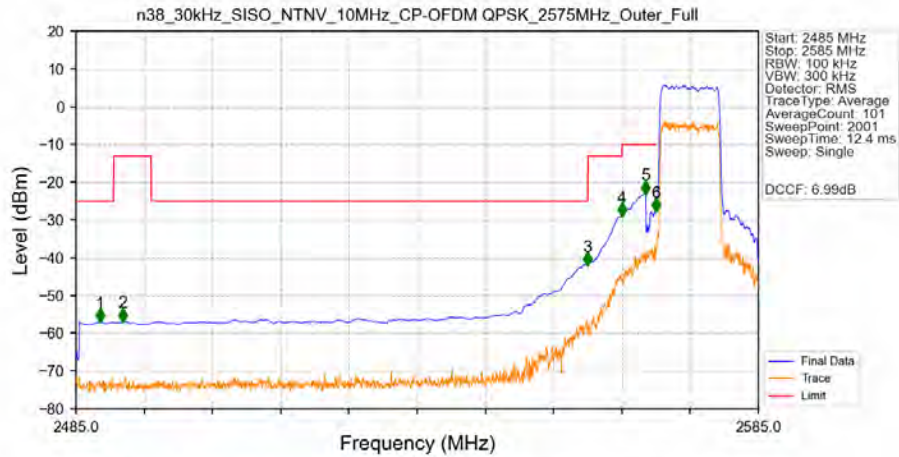
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	896.300	-55.34	25	Pass

n38 30kHz SISO NTN 10MHz CP-OFDM QPSK 2575MHz Edge 1RB Left Ant31



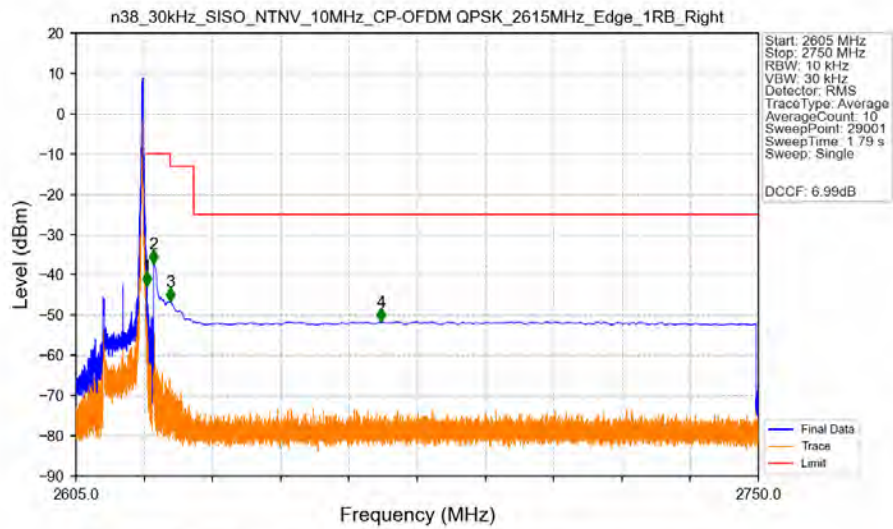
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2154.000	-50.70	-25	Pass
2490.5	2496	1	/	2	2491.000	-53.03	-13	Pass
2496	2560	1	/	3	2522.500	-50.67	-25	Pass
2560	2565	1	/	4	2562.000	-48.44	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2626.000	-52.27	-13	Pass
2630	26200	1	/	6	25978.000	-38.93	-25	Pass

n38 30kHz SISO NTN 10MHz CP-OFDM QPSK 2575MHz Outer_Full Ant31



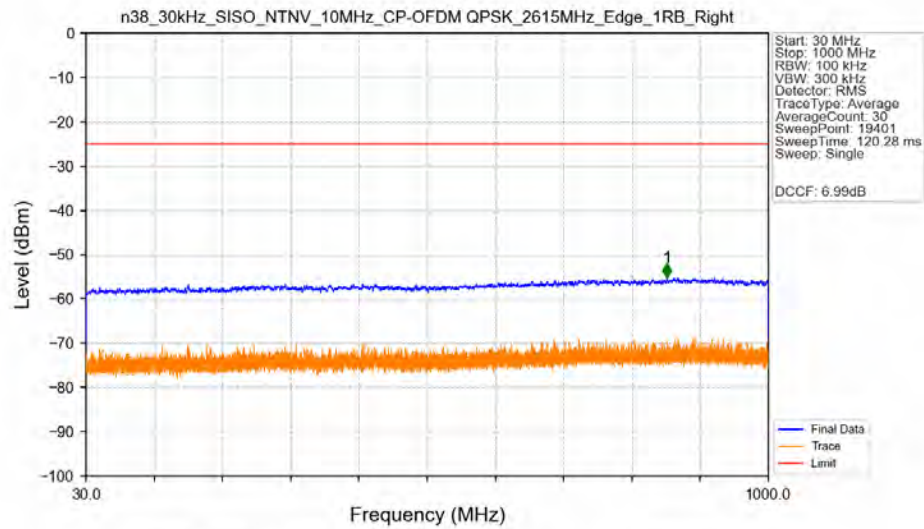
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.550	-56.88	-25	Pass
2490.5	2496	1	CHP	2	2491.850	-56.75	-13	Pass
2496	2560	1	CHP	3	2559.950	-41.81	-25	Pass
2560	2565	1	CHP	4	2565.000	-28.77	-13	Pass
2565	2569	1	CHP	5	2568.400	-22.98	-10	Pass
2569	2570	0.242	CHP	6	2569.950	-27.56	-10	Pass
2570	2585	0.242	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31



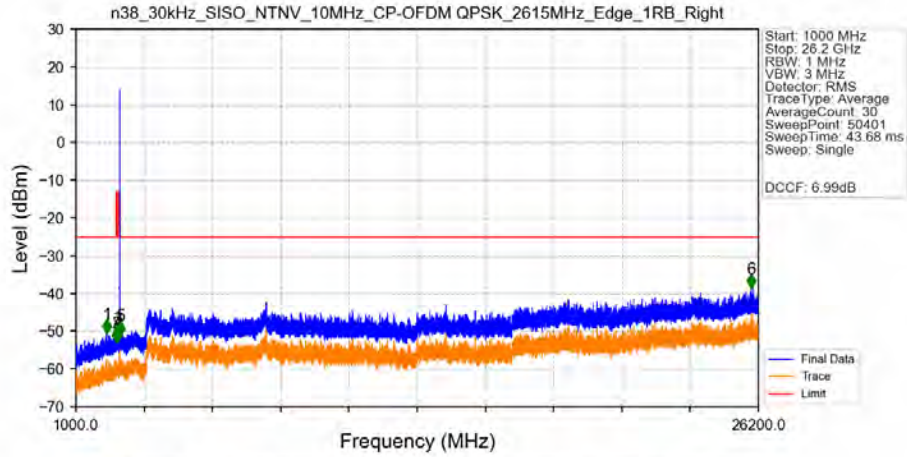
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.090	-42.62	-10	Pass
2621	2625	1	CHP	2	2621.500	-37.22	-10	Pass
2625	2630	1	CHP	3	2625.005	-46.68	-13	Pass
2630	2750	1	CHP	4	2669.870	-51.62	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31



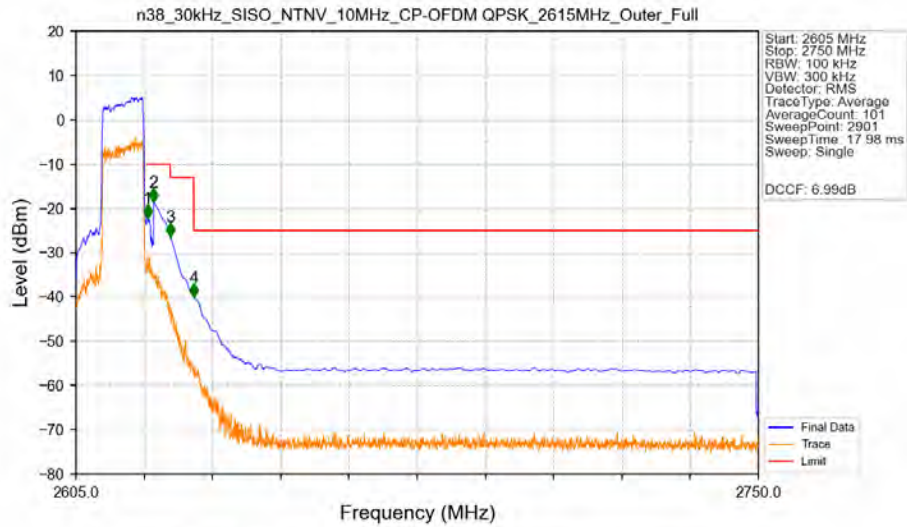
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	856.050	-55.13	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31



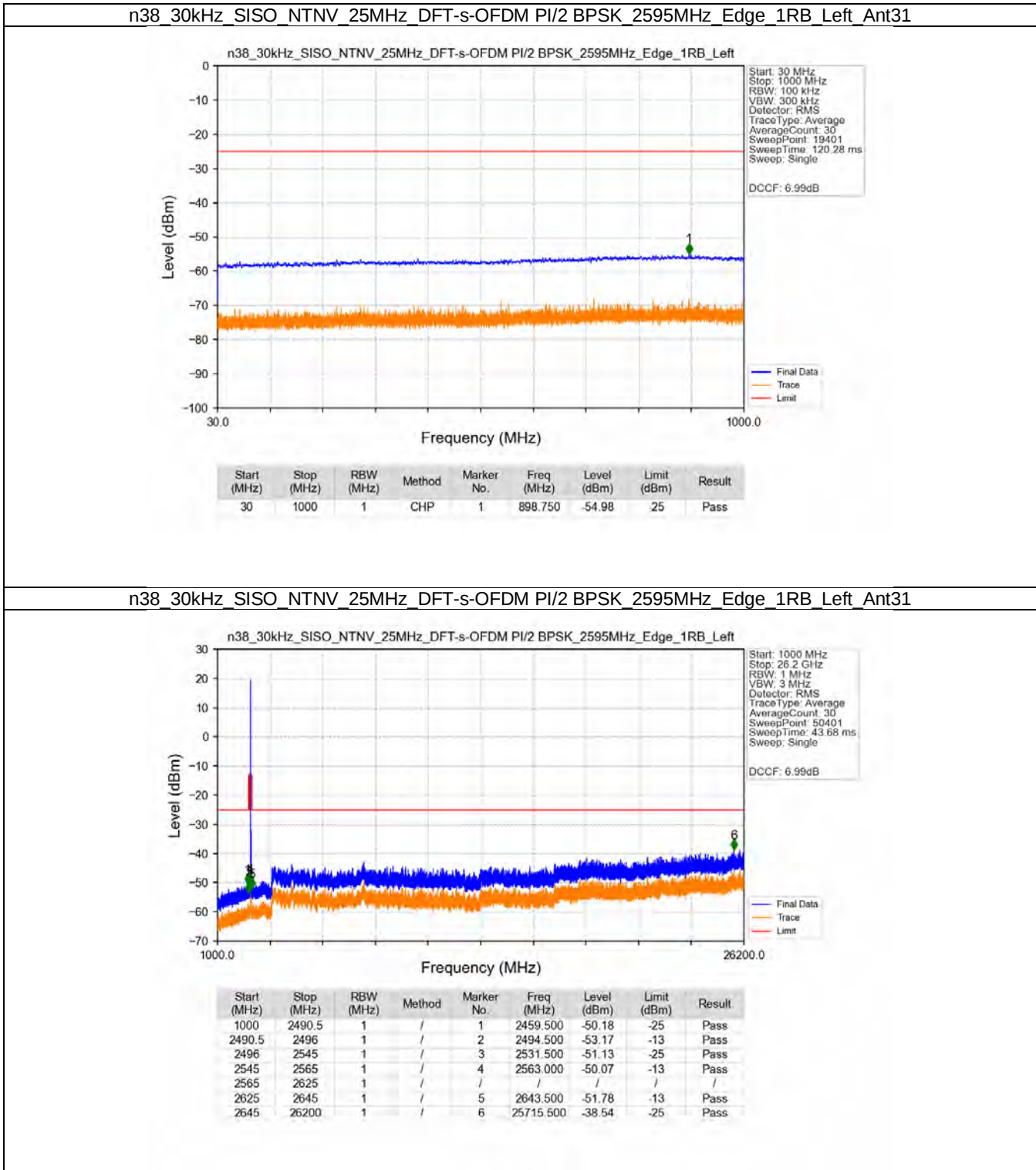
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2135.000	-50.32	-25	Pass
2490.5	2496	1	/	2	2494.000	-52.67	-13	Pass
2496	2560	1	/	3	2539.500	-51.44	-25	Pass
2560	2565	1	/	4	2561.500	-52.41	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2629.000	-50.80	-13	Pass
2630	26200	1	/	6	25941.500	-38.34	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Outer_Full_Ant31

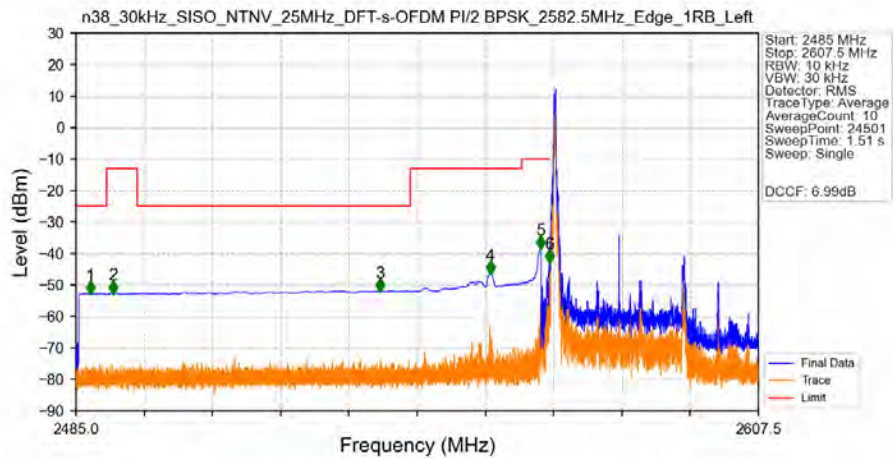


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.242	CHP	/	/	/	/	/
2620	2621	0.242	CHP	1	2620.250	-22.18	-10	Pass
2621	2625	1	CHP	2	2621.500	-18.49	-10	Pass
2625	2630	1	CHP	3	2625.050	-26.34	-13	Pass
2630	2750	1	CHP	4	2630.050	-39.97	-25	Pass

5.2.2 30k_SISO_25MHz_NTNV

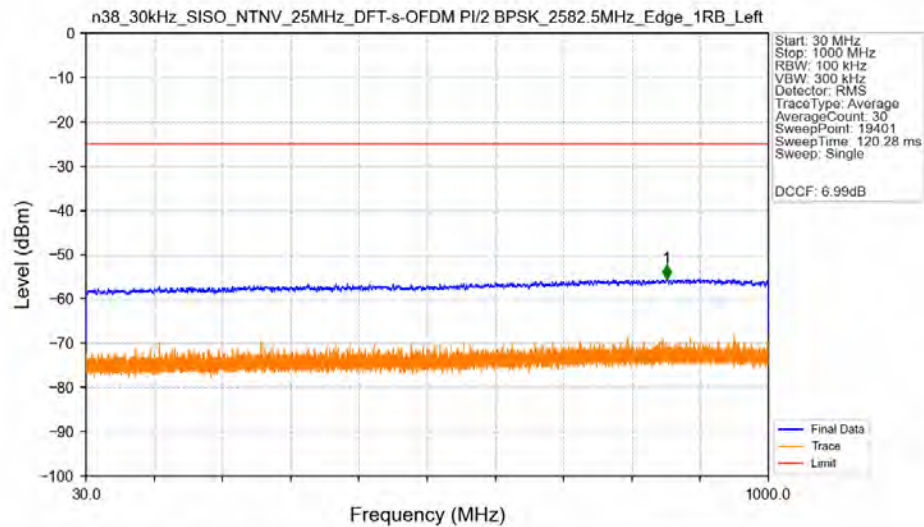


n38 30kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left Ant31



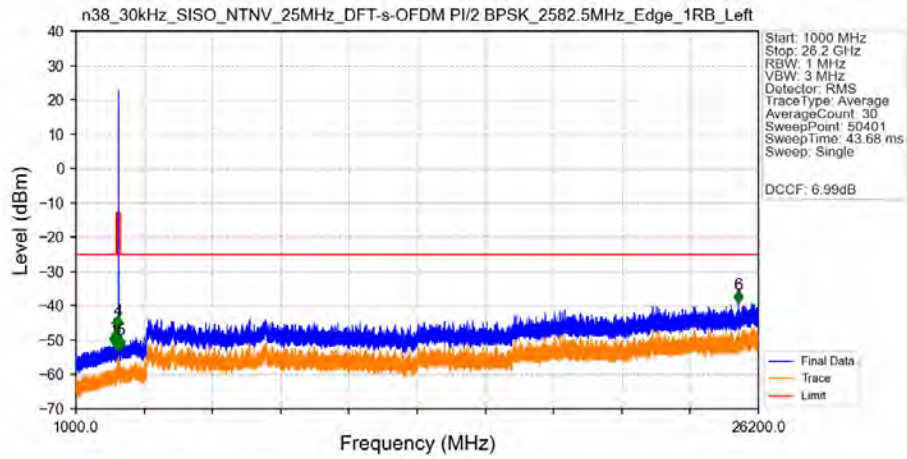
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.615	-52.65	-25	Pass
2490.5	2496	1	CHP	2	2491.630	-52.57	-13	Pass
2496	2545	1	CHP	3	2539.520	-51.90	-25	Pass
2545	2565	1	CHP	4	2559.430	-46.32	-13	Pass
2565	2569	1	CHP	5	2568.365	-38.36	-10	Pass
2569	2570	0.02	CHP	6	2569.950	-42.76	-10	Pass
2570	2607.5	0.02	CHP	/	/	/	/	/

n38 30kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left Ant31



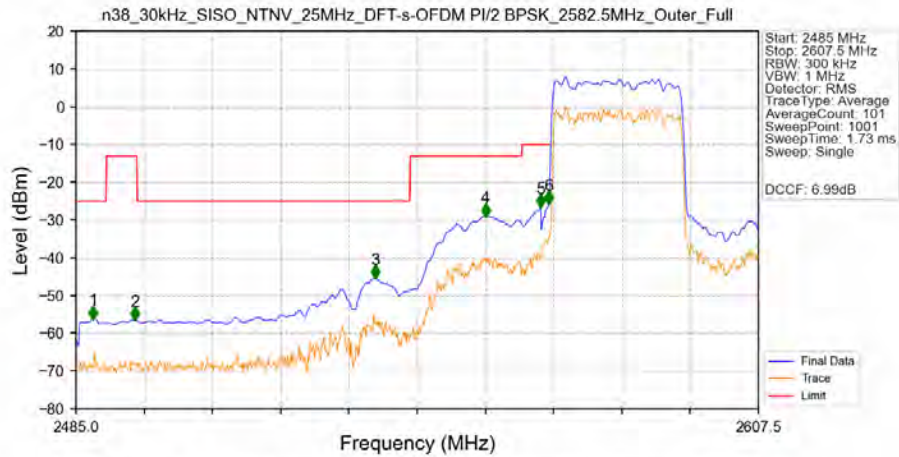
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	855.300	-55.41	-25	Pass

n38 30kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left Ant31



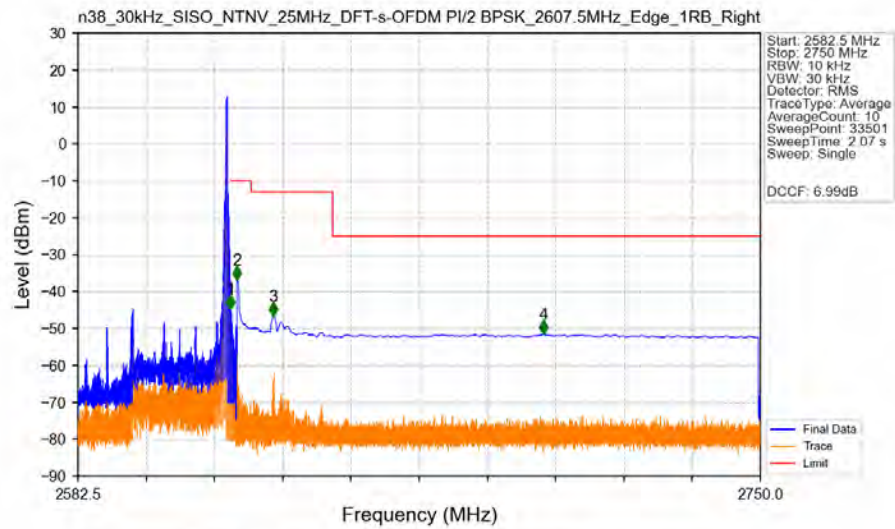
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2393.000	-51.33	-25	Pass
2490.5	2496	1	/	2	2492.500	-52.35	-13	Pass
2496	2545	1	/	3	2497.500	-50.58	-25	Pass
2545	2565	1	/	4	2562.500	-46.68	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2638.000	-52.37	-13	Pass
2645	26200	1	/	6	25464.500	-39.03	-25	Pass

n38 30kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Outer_Full Ant31

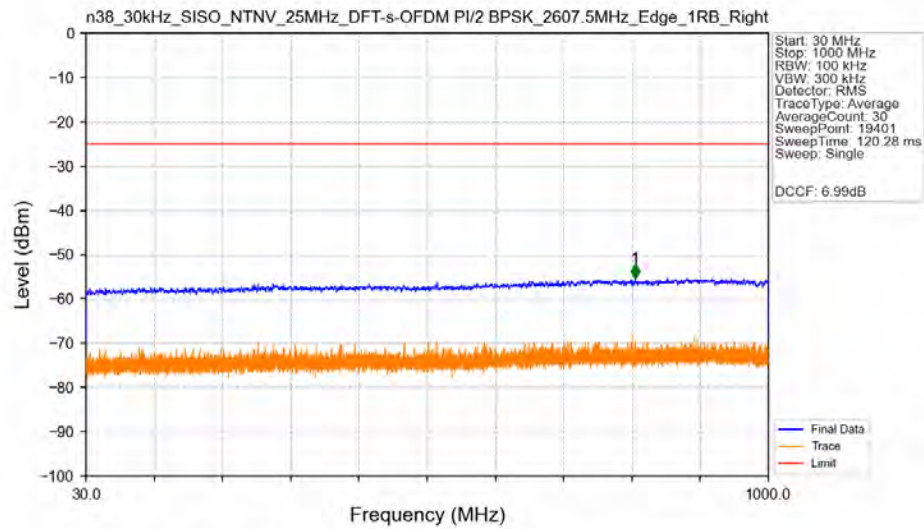


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.062	-56.10	-25	Pass
2490.5	2496	1	CHP	2	2495.535	-56.36	-13	Pass
2496	2545	1	CHP	3	2538.778	-45.28	-25	Pass
2545	2565	1	CHP	4	2558.500	-28.92	-13	Pass
2565	2569	1	CHP	5	2568.423	-26.49	-10	Pass
2569	2570	0.496	CHP	6	2569.892	-25.69	-10	Pass
2570	2607.5	0.496	CHP	/	/	/	/	/

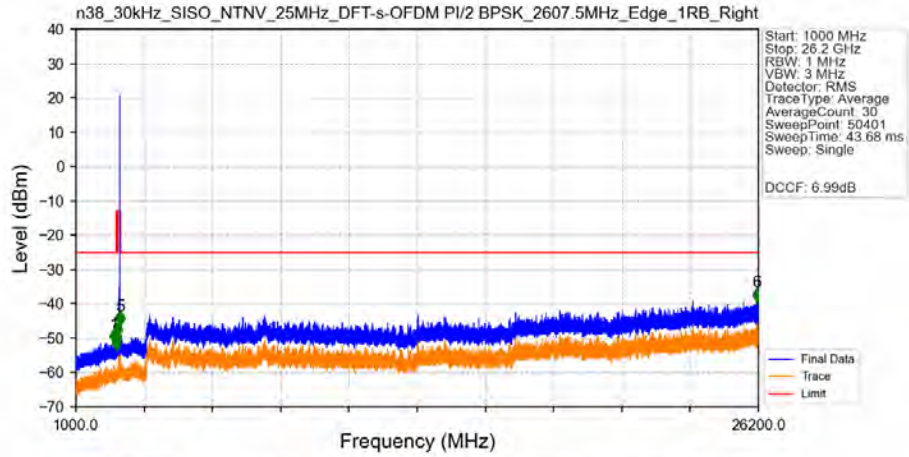
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant31



n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant31

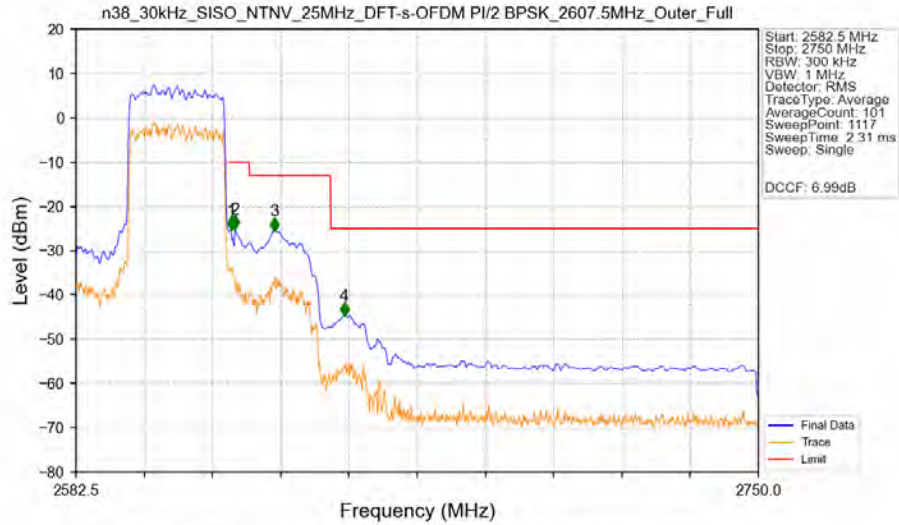


n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant31



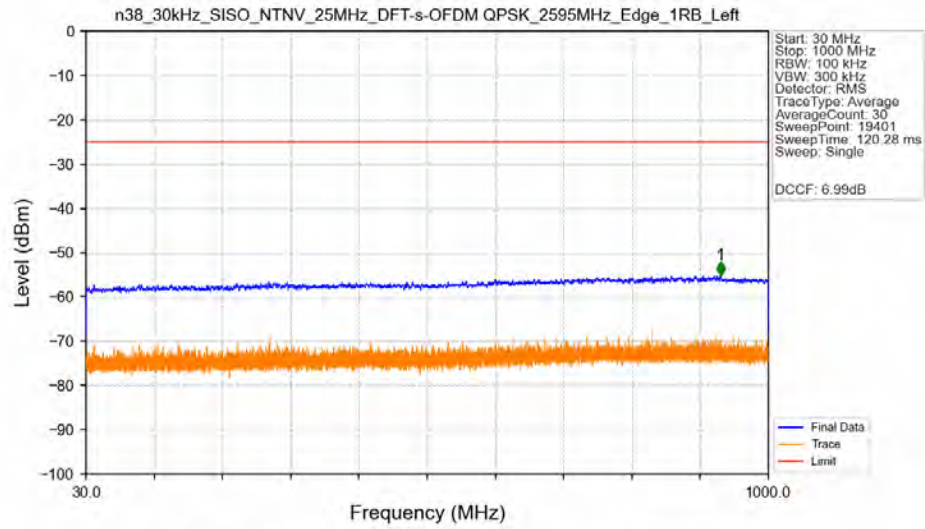
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2402.500	-51.08	-25	Pass
2490.5	2496	1	/	2	2493.000	-53.08	-13	Pass
2496	2545	1	/	3	2533.500	-51.28	-25	Pass
2545	2565	1	/	4	2563.000	-49.18	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2630.500	-45.89	-13	Pass
2645	26200	1	/	6	26127.500	-39.02	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Outer_Full_Ant31

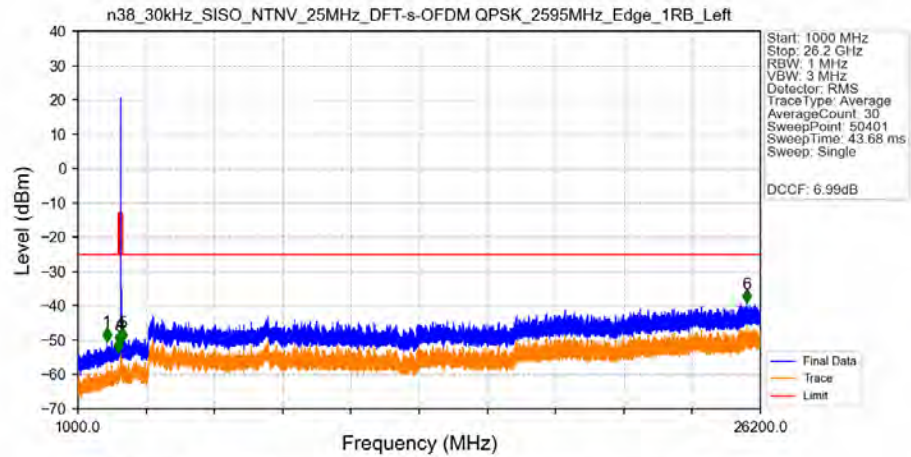


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.496	CHP	/	/	/	/	/
2620	2621	0.496	CHP	1	2620.623	-25.25	-10	Pass
2621	2625	1	CHP	2	2621.523	-25.09	-10	Pass
2625	2645	1	CHP	3	2631.129	-25.57	-13	Pass
2645	2750	1	CHP	4	2648.389	-44.70	-25	Pass

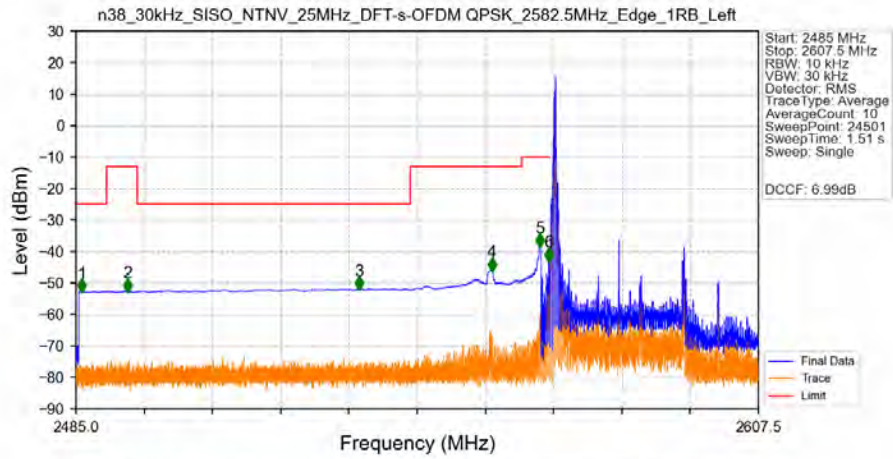
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

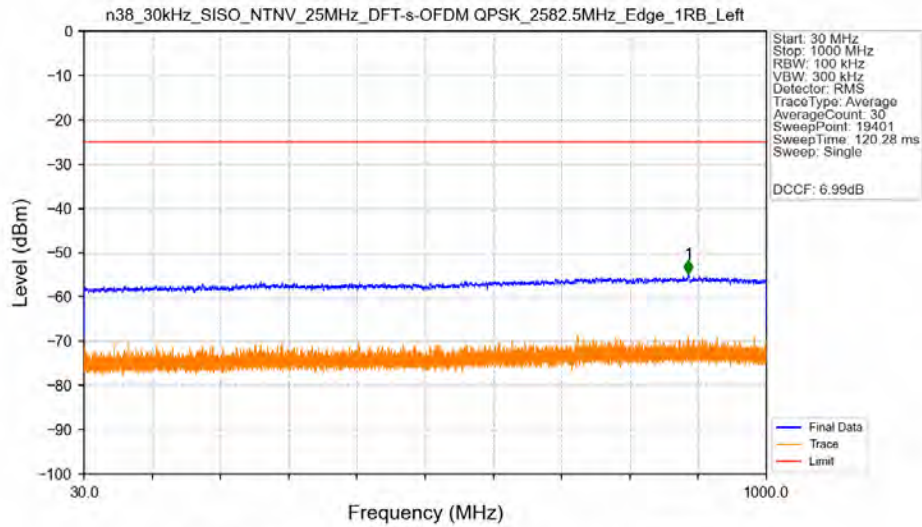


n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



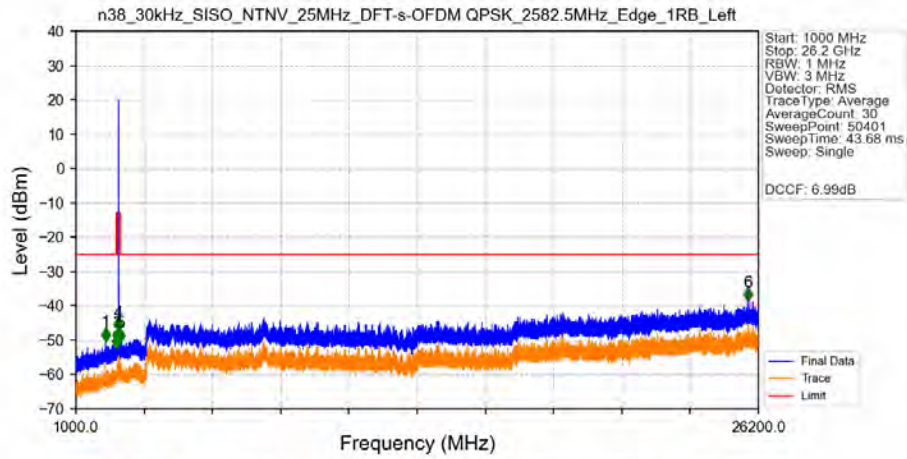
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.050	-52.62	-25	Pass
2490.5	2496	1	CHP	2	2494.245	-52.58	-13	Pass
2496	2545	1	CHP	3	2535.805	-51.93	-25	Pass
2545	2565	1	CHP	4	2559.695	-45.90	-13	Pass
2565	2569	1	CHP	5	2568.300	-38.33	-10	Pass
2569	2570	0.02	CHP	6	2569.865	-42.81	-10	Pass
2570	2607.5	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



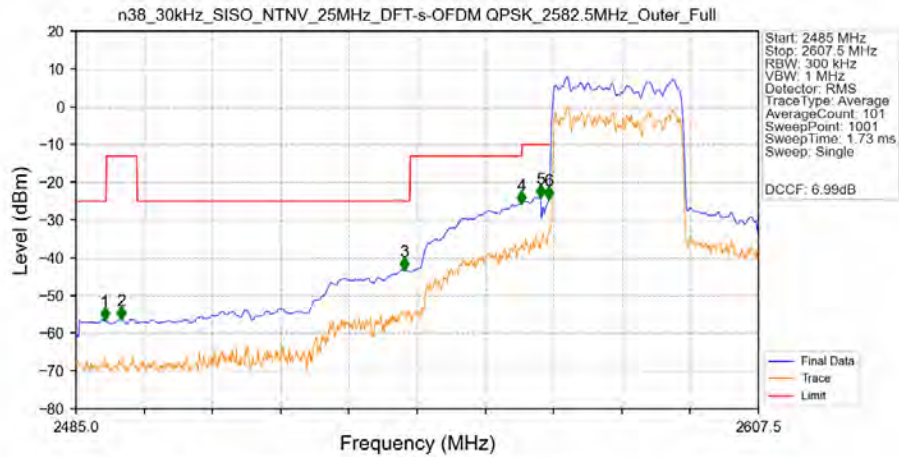
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.350	-54.69	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



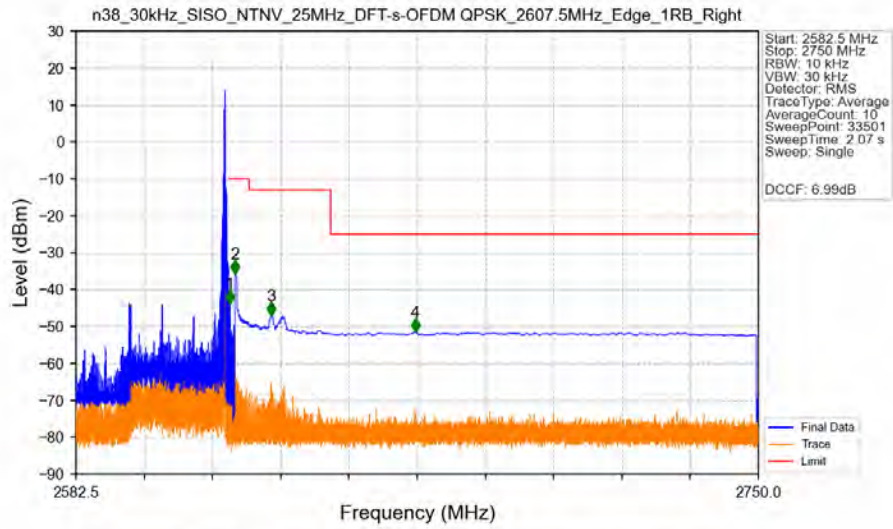
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2093.000	-50.00	-25	Pass
2490.5	2496	1	/	2	2491.000	-52.07	-13	Pass
2496	2545	1	/	3	2529.000	-50.29	-25	Pass
2545	2565	1	/	4	2557.000	-47.03	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2645.000	-50.25	-13	Pass
2645	26200	1	/	6	25809.500	-38.46	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Outer_Full_Ant31



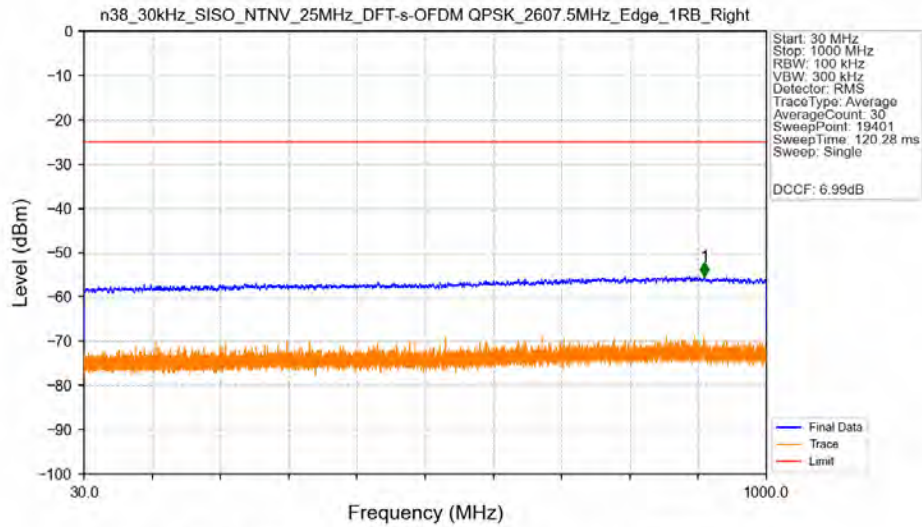
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.145	-56.41	-25	Pass
2490.5	2496	1	CHP	2	2493.085	-56.17	-13	Pass
2496	2545	1	CHP	3	2543.923	-43.13	-25	Pass
2545	2565	1	CHP	4	2564.992	-25.63	-13	Pass
2565	2569	1	CHP	5	2568.423	-23.85	-10	Pass
2569	2570	0.496	CHP	6	2569.892	-24.41	-10	Pass
2570	2607.5	0.496	CHP	/	/	/	/	/

n38 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant31



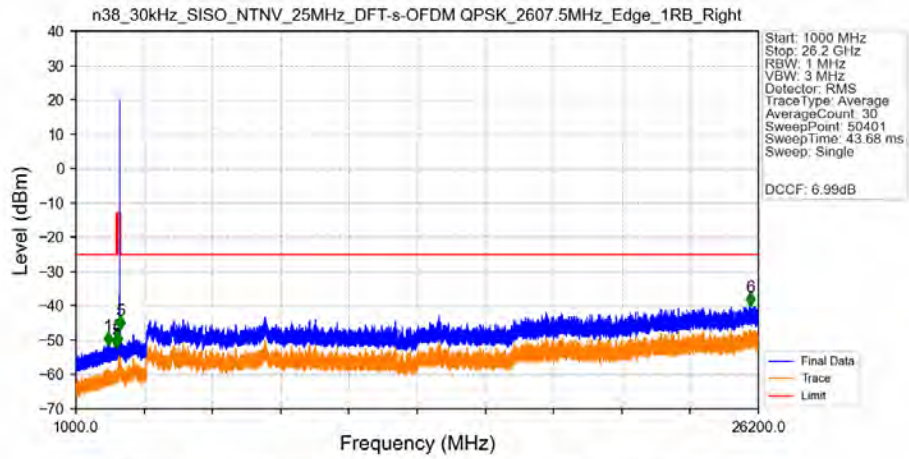
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.300	-43.92	-10	Pass
2621	2625	1	CHP	2	2621.500	-35.67	-10	Pass
2625	2645	1	CHP	3	2630.425	-47.14	-13	Pass
2645	2750	1	CHP	4	2665.760	-51.53	-25	Pass

n38 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant31



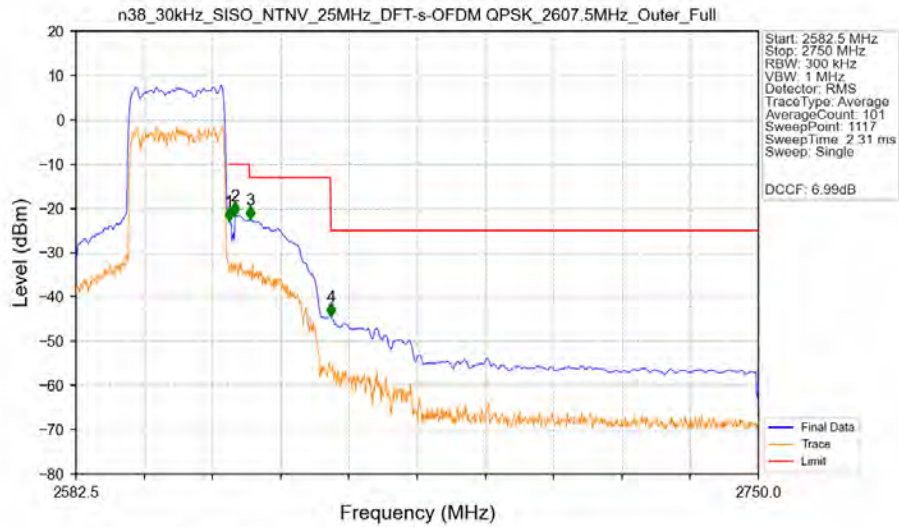
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	911.950	-55.28	-25	Pass

n38 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant31



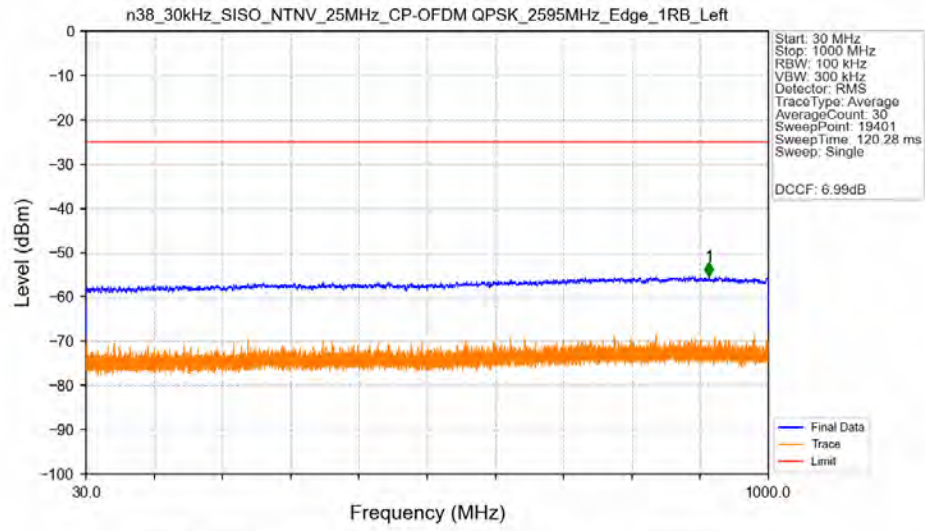
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2188.000	-51.20	-25	Pass
2490.5	2496	1	/	2	2495.000	-52.05	-13	Pass
2496	2545	1	/	3	2528.000	-51.19	-25	Pass
2545	2565	1	/	4	2548.500	-51.32	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2633.500	-46.62	-13	Pass
2645	26200	1	/	6	25914.000	-39.84	-25	Pass

n38 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Outer_Full Ant31

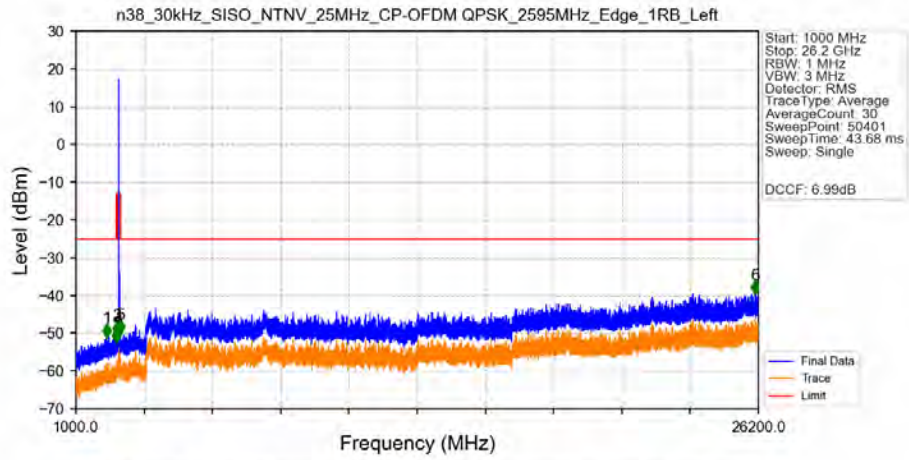


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.664	CHP	/	/	/	/	/
2620	2621	0.664	CHP	1	2620.022	-23.00	-10	Pass
2621	2625	1	CHP	2	2621.523	-21.61	-10	Pass
2625	2645	1	CHP	3	2625.276	-22.57	-13	Pass
2645	2750	1	CHP	4	2645.087	-44.42	-25	Pass

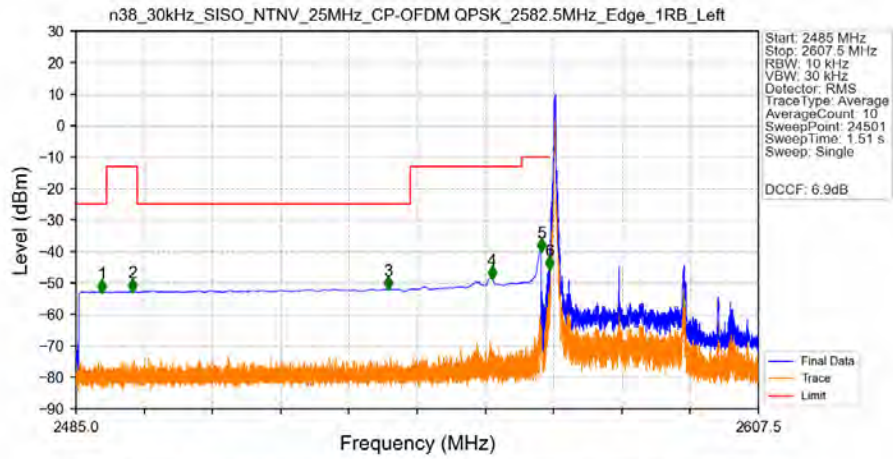
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

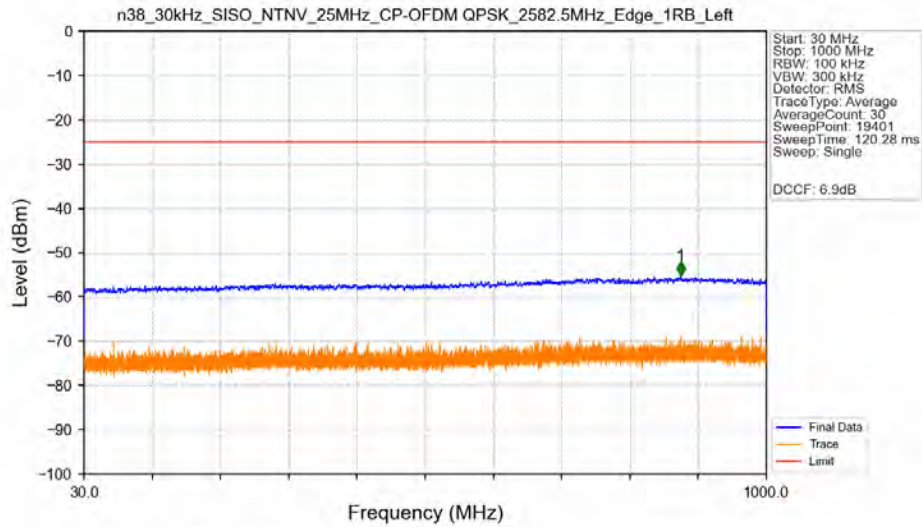


n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



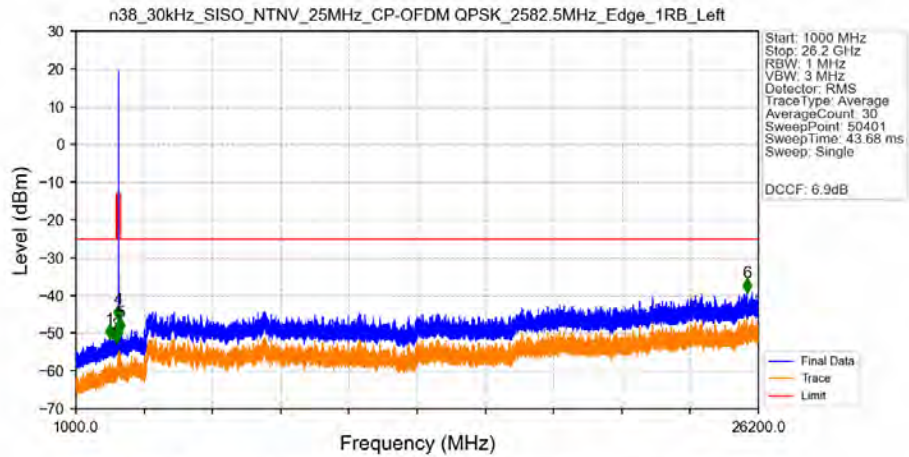
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.650	-52.80	-25	Pass
2490.5	2496	1	CHP	2	2495.105	-52.60	-13	Pass
2496	2545	1	CHP	3	2540.995	-51.95	-25	Pass
2545	2565	1	CHP	4	2559.650	-48.54	-13	Pass
2565	2569	1	CHP	5	2568.500	-39.80	-10	Pass
2569	2570	0.02	CHP	6	2569.960	-45.54	-10	Pass
2570	2607.5	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



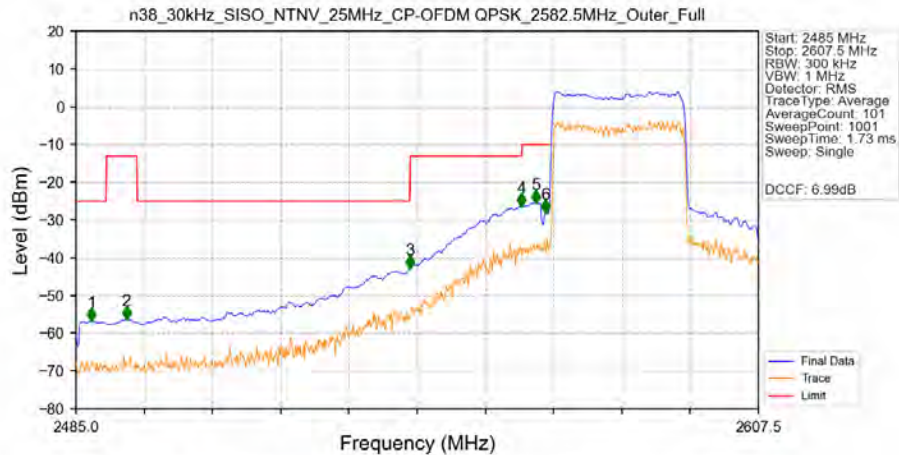
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	878.300	-55.15	25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



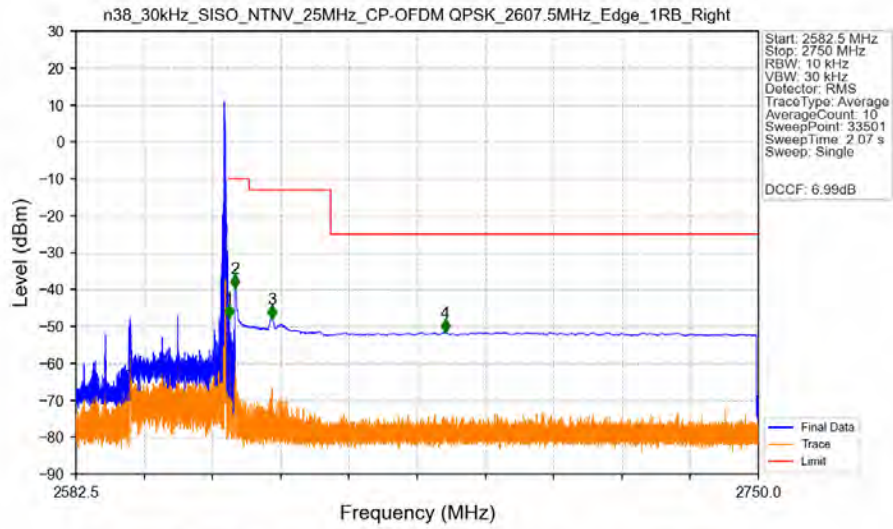
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2247.500	-51.13	-25	Pass
2490.5	2496	1	/	2	2493.000	-52.37	-13	Pass
2496	2545	1	/	3	2536.000	-51.37	-25	Pass
2545	2565	1	/	4	2559.000	-45.85	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2641.000	-49.31	-13	Pass
2645	26200	1	/	6	25780.500	-38.81	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Outer_Full_Ant31



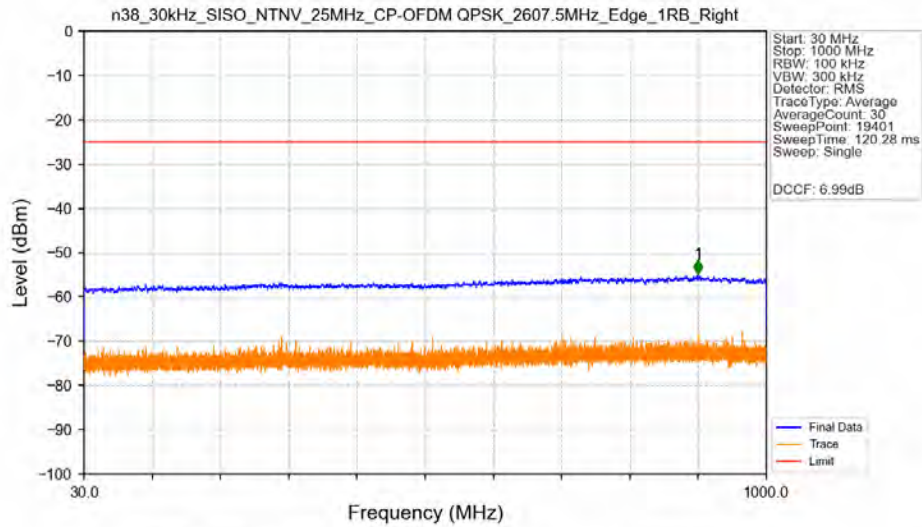
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.818	-56.68	-25	Pass
2490.5	2496	1	CHP	2	2494.065	-56.21	-13	Pass
2496	2545	1	CHP	3	2544.903	-42.79	-25	Pass
2545	2565	1	CHP	4	2564.992	-26.21	-13	Pass
2565	2569	1	CHP	5	2567.565	-25.38	-10	Pass
2569	2570	0.496	CHP	6	2569.280	-27.93	-10	Pass
2570	2607.5	0.496	CHP	/	/	/	/	/

n38 30kHz SISO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant31



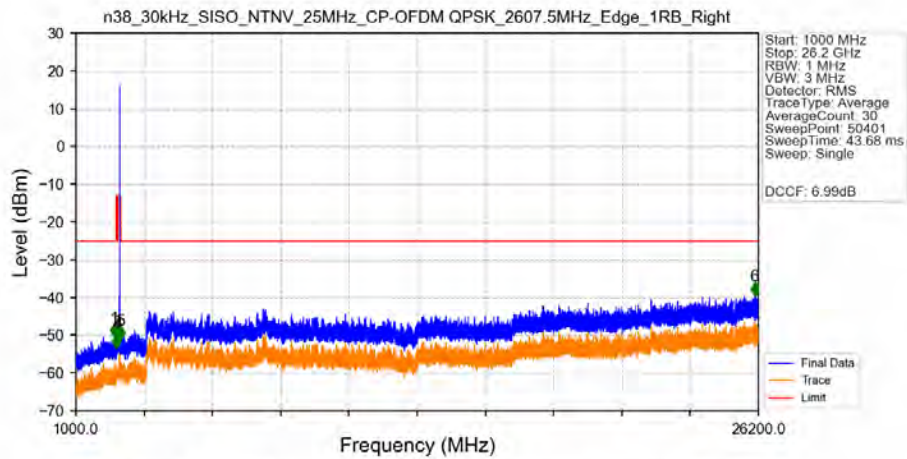
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.085	-47.69	-10	Pass
2621	2625	1	CHP	2	2621.500	-39.67	-10	Pass
2625	2645	1	CHP	3	2630.695	-47.89	-13	Pass
2645	2750	1	CHP	4	2673.095	-51.65	-25	Pass

n38 30kHz SISO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant31



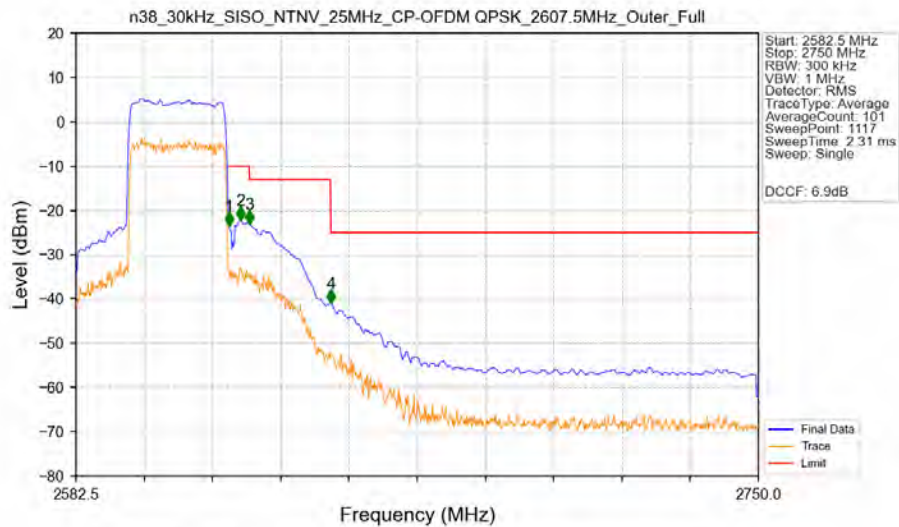
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	902.650	-54.85	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2607.5MHz_Edge_1RB_Right_Ant31



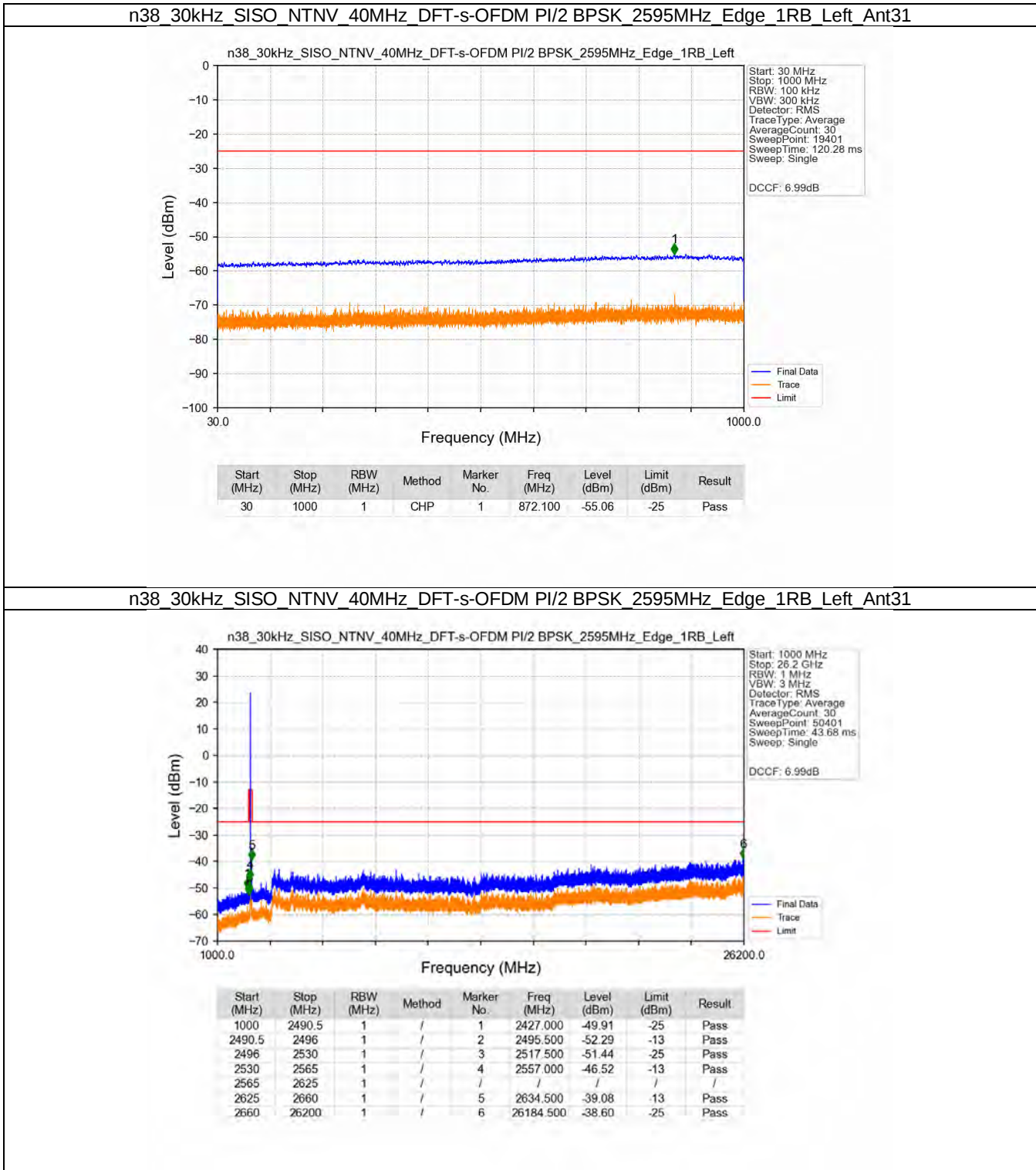
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2422.000	-50.28	-25	Pass
2490.5	2496	1	/	2	2496.000	-53.11	-13	Pass
2496	2545	1	/	3	2508.000	-51.39	-25	Pass
2545	2565	1	/	4	2562.500	-51.56	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5	2634.000	-50.91	-13	Pass
2645	26200	1	/	6	26067.000	-39.26	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2607.5MHz_Outer_Full_Ant31

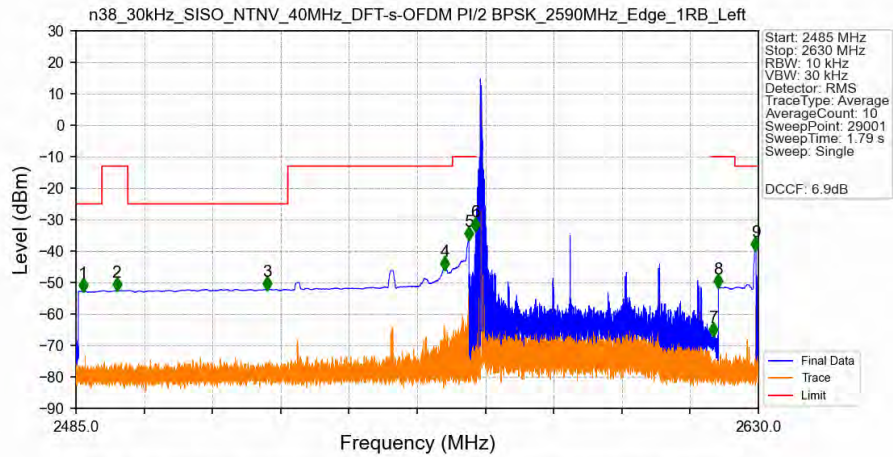


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.664	CHP	/	/	/	/	/
2620	2621	0.664	CHP	1	2620.022	-23.50	-10	Pass
2621	2625	1	CHP	2	2622.874	-22.20	-10	Pass
2625	2645	1	CHP	3	2625.125	-23.16	-13	Pass
2645	2750	1	CHP	4	2645.087	-41.01	-25	Pass

5.2.3 30k_SISO_40MHz_NTNV

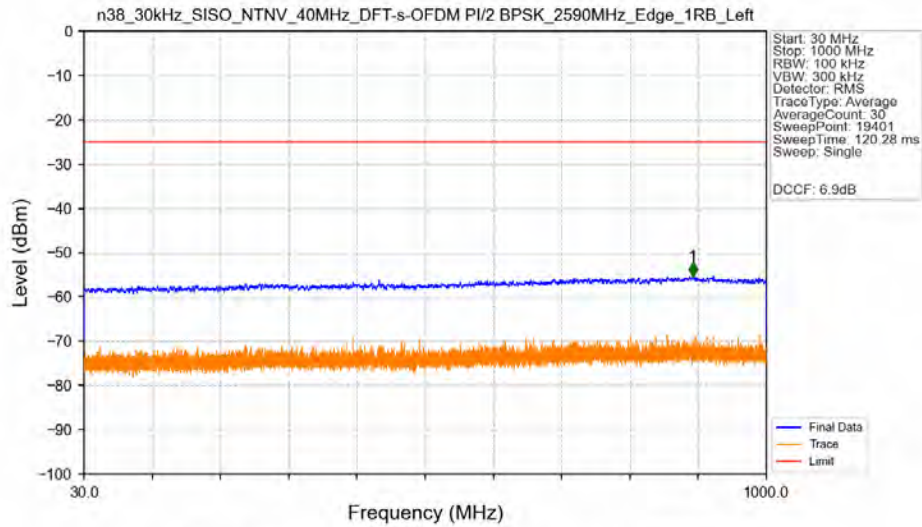


n38 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 2590MHz Edge 1RB Left Ant31



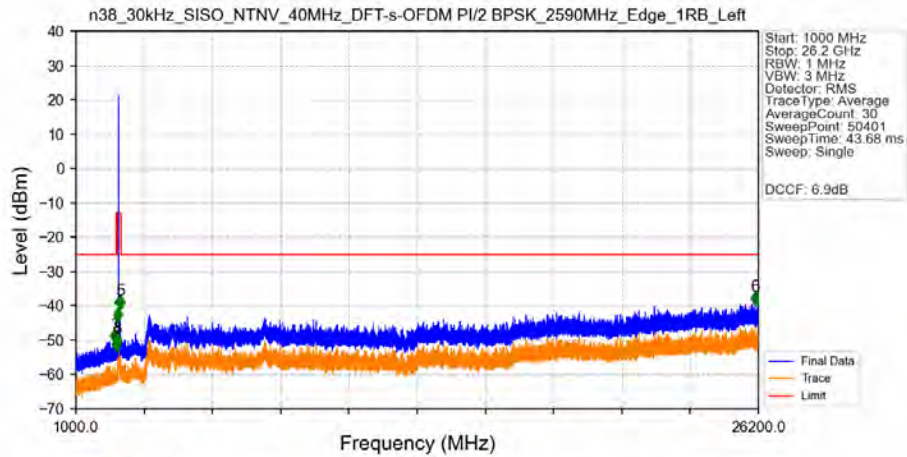
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.480	-52.67	-25	Pass
2490.5	2496	1	CHP	2	2493.665	-52.51	-13	Pass
2496	2530	1	CHP	3	2525.690	-52.14	-25	Pass
2530	2565	1	CHP	4	2563.410	-45.70	-13	Pass
2565	2569	1	CHP	5	2568.500	-36.38	-10	Pass
2569	2570	0.02	CHP	6	2569.925	-33.34	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	7	2620.465	-66.84	-10	Pass
2621	2625	1	CHP	8	2621.505	-51.36	-10	Pass
2625	2630	1	CHP	9	2629.380	-39.59	-13	Pass

n38 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 2590MHz Edge 1RB Left Ant31



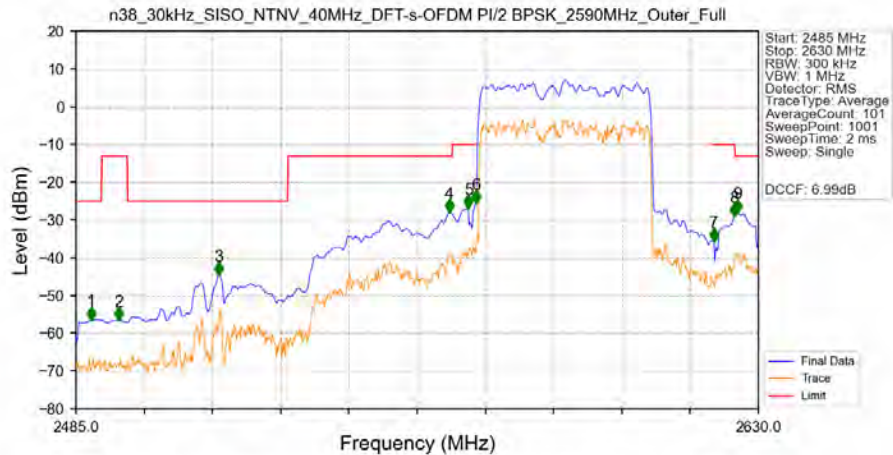
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	895.250	-55.26	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Edge_1RB_Left_Ant31



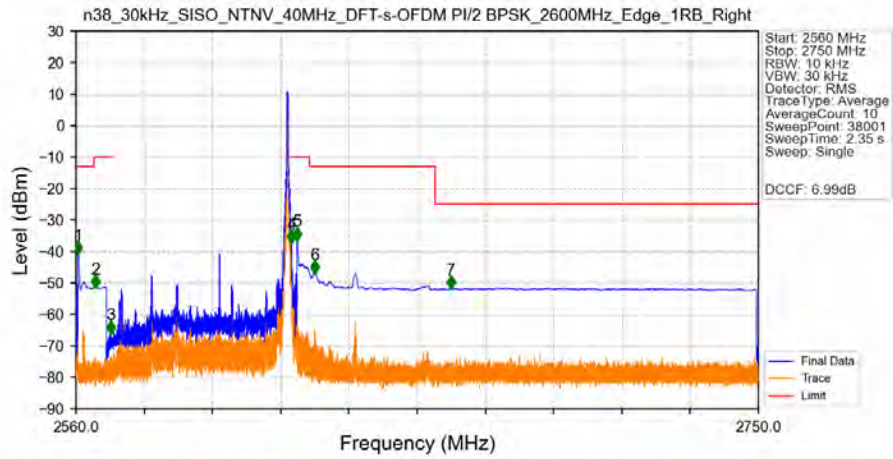
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2442.000	-50.30	-25	Pass
2490.5	2496	1	/	2	2495.000	-52.96	-13	Pass
2496	2530	1	/	3	2526.000	-51.79	-25	Pass
2530	2565	1	/	4	2563.000	-44.18	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2629.500	-40.69	-13	Pass
2660	26200	1	/	6	26074.500	-39.49	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Outer_Full_Ant31



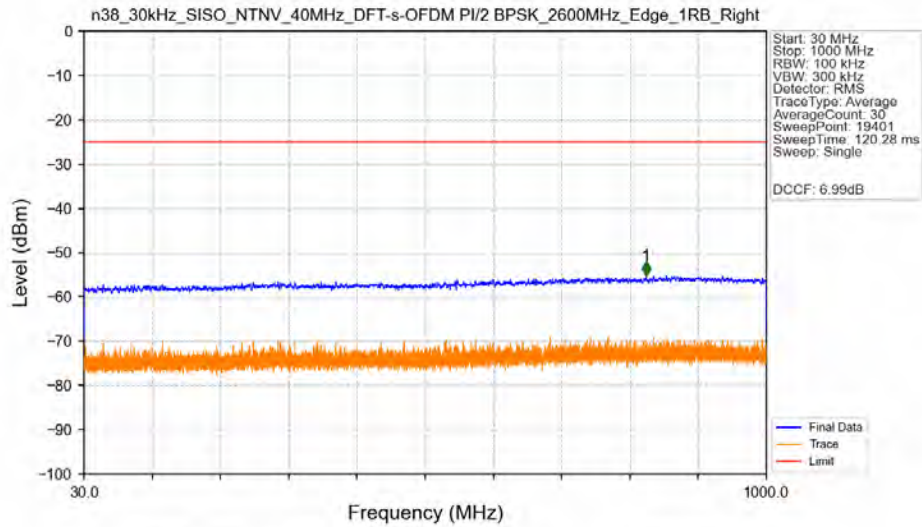
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.190	-56.28	-25	Pass
2490.5	2496	1	CHP	2	2494.135	-56.33	-13	Pass
2496	2530	1	CHP	3	2515.305	-44.48	-25	Pass
2530	2565	1	CHP	4	2564.315	-27.80	-13	Pass
2565	2569	1	CHP	5	2568.375	-26.64	-10	Pass
2569	2570	0.778	CHP	6	2569.970	-25.49	-10	Pass
2570	2620	0.778	CHP	/	/	/	/	/
2620	2621	0.778	CHP	7	2620.575	-35.44	-10	Pass
2621	2625	1	CHP	8	2624.925	-28.87	-10	Pass
2625	2630	1	CHP	9	2625.505	-27.88	-13	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Edge_1RB_Right_Ant31



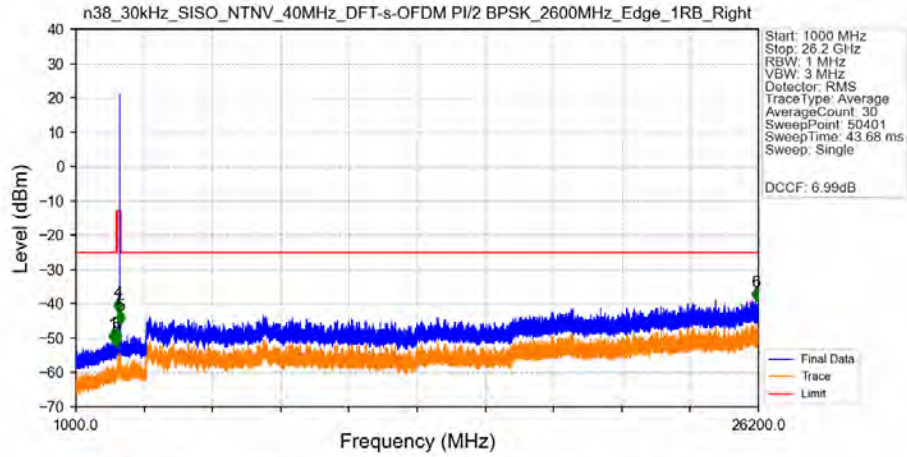
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.500	-40.64	-13	Pass
2565	2569	1	CHP	2	2565.370	-51.35	-10	Pass
2569	2570	0.02	CHP	3	2569.750	-65.88	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.060	-37.06	-10	Pass
2621	2625	1	CHP	5	2621.500	-36.15	-10	Pass
2625	2660	1	CHP	6	2626.435	-46.74	-13	Pass
2660	2750	1	CHP	7	2664.435	-51.64	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Edge_1RB_Right_Ant31



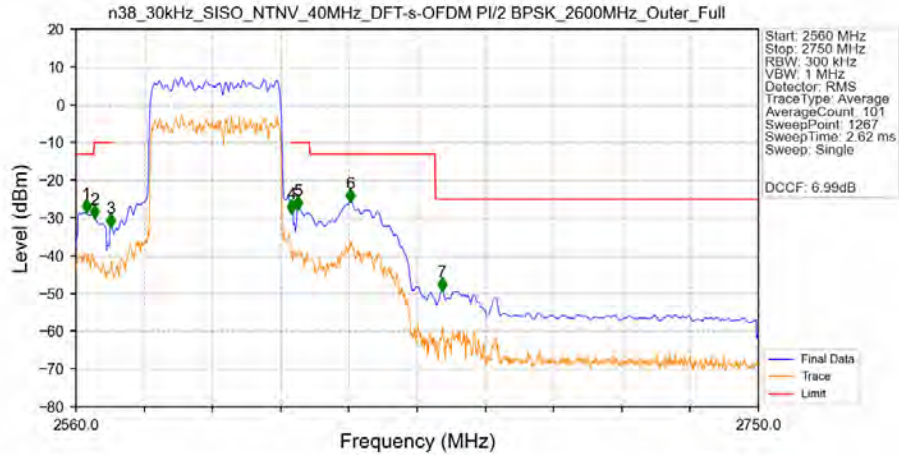
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	829.000	-55.13	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Edge_1RB_Right_Ant31



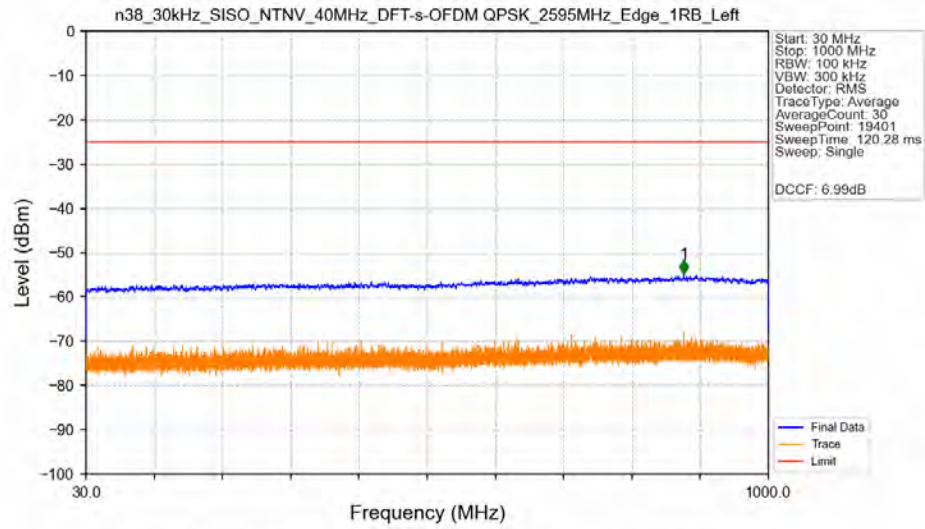
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2369.500	-51.03	-25	Pass
2490.5	2496	1	/	2	2493.500	-52.29	-13	Pass
2496	2530	1	/	3	2520.500	-50.89	-25	Pass
2530	2565	1	/	4	2560.500	-42.04	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2627.000	-45.74	-13	Pass
2660	26200	1	/	6	26102.000	-38.79	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Outer_Full_Ant31

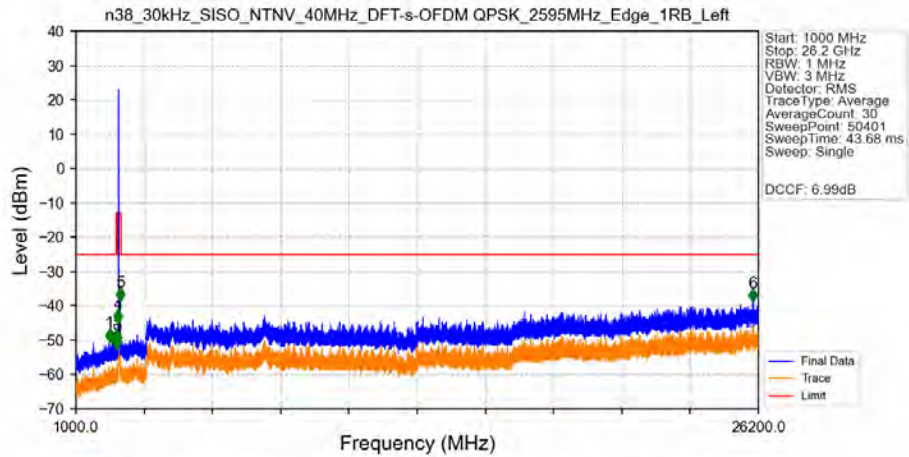


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2562.852	-28.42	-13	Pass
2565	2569	1	CHP	2	2565.103	-29.92	-10	Pass
2569	2570	0.776	CHP	3	2569.755	-32.25	-10	Pass
2570	2620	0.776	CHP	/	/	/	/	/
2620	2621	0.776	CHP	4	2620.032	-28.53	-10	Pass
2621	2625	1	CHP	5	2621.682	-27.60	-10	Pass
2625	2660	1	CHP	6	2636.390	-25.60	-13	Pass
2660	2750	1	CHP	7	2661.904	-49.06	25	Pass

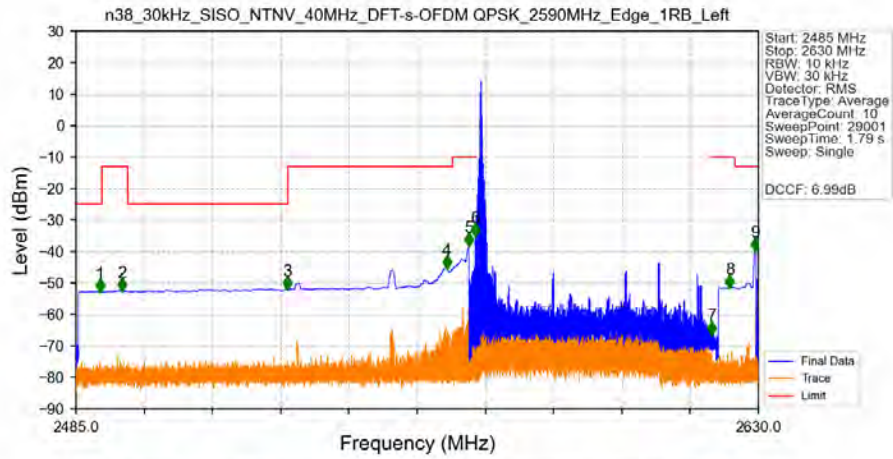
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

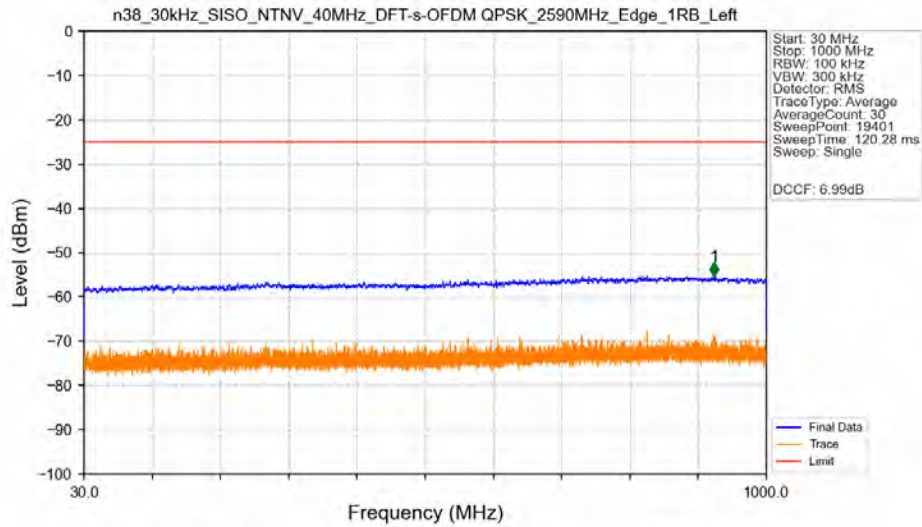


n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant31



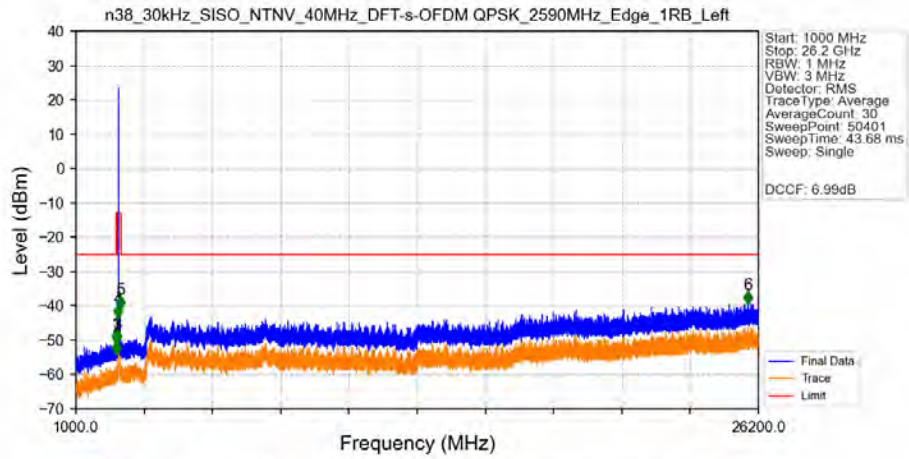
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.140	-52.65	-25	Pass
2490.5	2496	1	CHP	2	2494.725	-52.38	-13	Pass
2496	2530	1	CHP	3	2529.840	-51.88	-25	Pass
2530	2565	1	CHP	4	2563.805	-45.19	-13	Pass
2565	2569	1	CHP	5	2568.425	-38.05	-10	Pass
2569	2570	0.02	CHP	6	2569.920	-34.99	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	7	2620.125	-66.16	-10	Pass
2621	2625	1	CHP	8	2623.910	-51.44	-10	Pass
2625	2630	1	CHP	9	2629.375	-39.63	-13	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant31



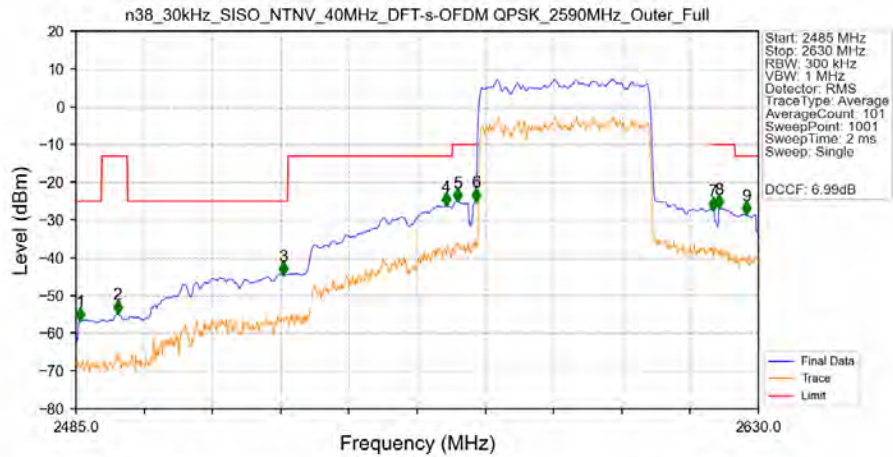
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	925.900	-55.28	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant31



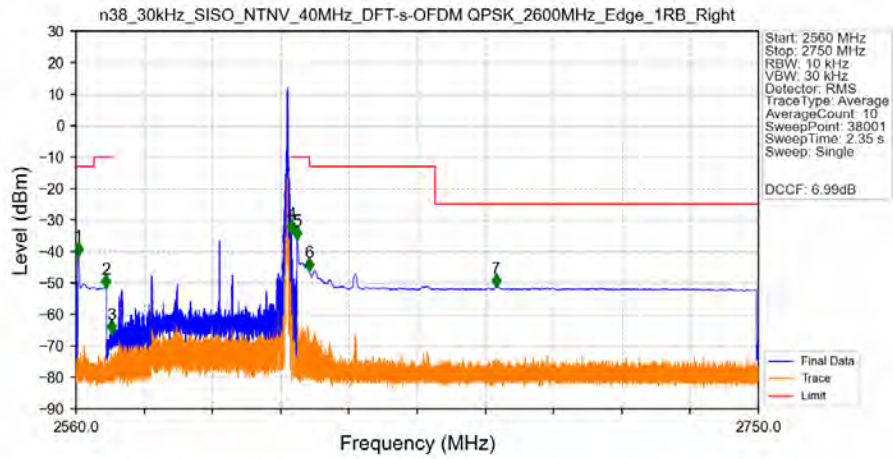
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2476.500	-50.49	-25	Pass
2490.5	2496	1	/	2	2495.500	-53.85	-13	Pass
2496	2530	1	/	3	2519.500	-50.55	-25	Pass
2530	2565	1	/	4	2563.500	-43.18	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2629.500	-40.65	-13	Pass
2660	26200	1	/	6	25815.000	-39.23	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Outer_Full_Ant31



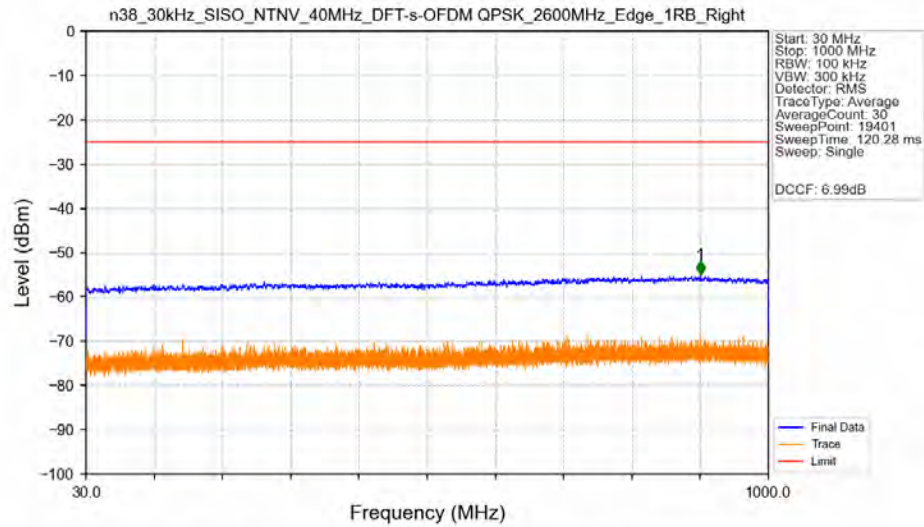
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.870	-56.49	-25	Pass
2490.5	2496	1	CHP	2	2493.845	-54.60	-13	Pass
2496	2530	1	CHP	3	2529.080	-44.44	-25	Pass
2530	2565	1	CHP	4	2563.590	-26.05	-13	Pass
2565	2569	1	CHP	5	2566.055	-24.97	-10	Pass
2569	2570	0.774	CHP	6	2569.970	-24.86	-10	Pass
2570	2620	0.774	CHP	/	/	/	/	/
2620	2621	0.774	CHP	7	2620.430	-27.26	-10	Pass
2621	2625	1	CHP	8	2621.590	-26.71	-10	Pass
2625	2630	1	CHP	9	2627.390	-28.45	-13	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant31



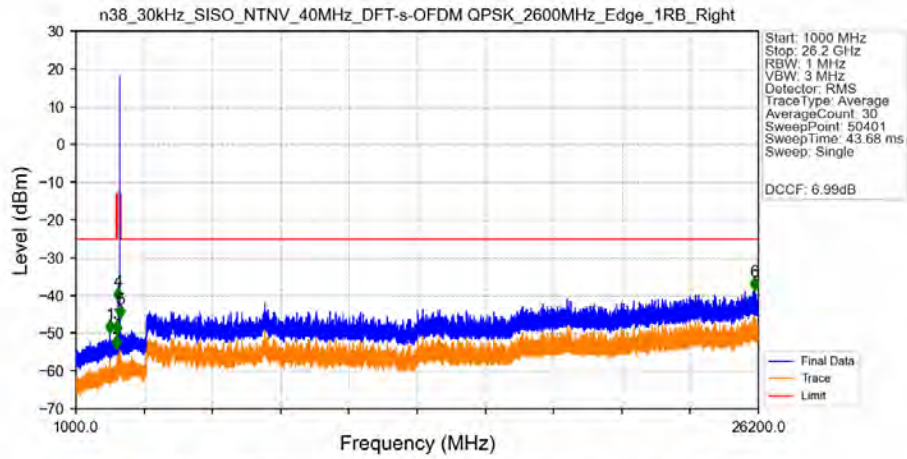
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.640	-41.05	-13	Pass
2565	2569	1	CHP	2	2568.420	-51.43	-10	Pass
2569	2570	0.02	CHP	3	2569.825	-65.80	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.010	-33.87	-10	Pass
2621	2625	1	CHP	5	2621.500	-36.00	-10	Pass
2625	2660	1	CHP	6	2625.005	-46.10	-13	Pass
2660	2750	1	CHP	7	2677.075	-51.24	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant31



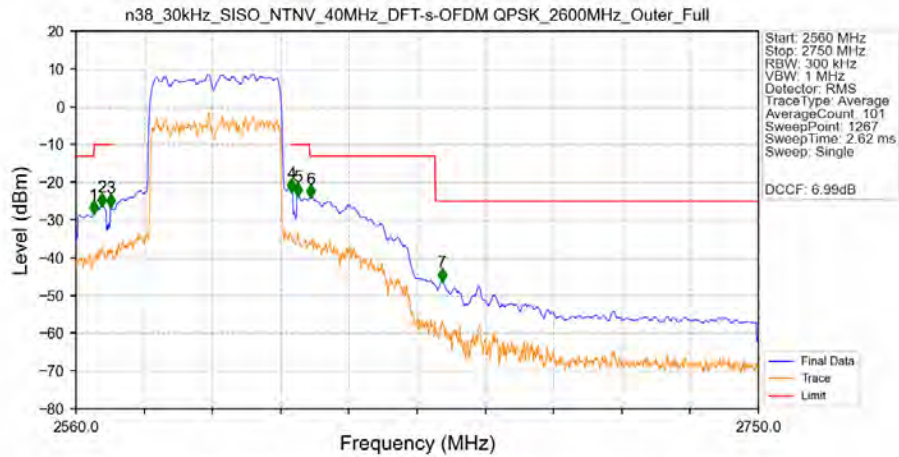
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	903.650	-54.99	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant31



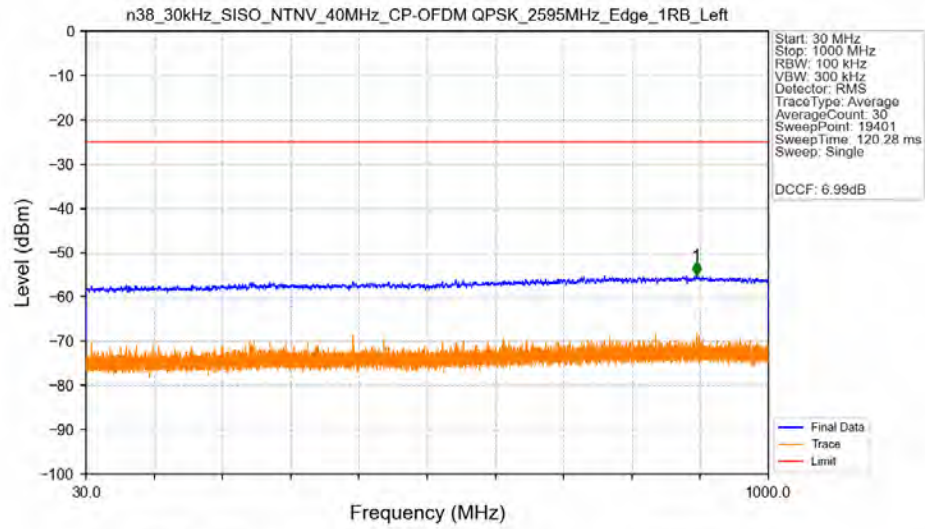
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2253.500	-49.83	-25	Pass
2490.5	2496	1	/	2	2491.500	-53.74	-13	Pass
2496	2530	1	/	3	2525.000	-49.91	-25	Pass
2530	2565	1	/	4	2560.500	-41.18	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2628.000	-45.77	-13	Pass
2660	26200	1	/	6	26042.500	-38.48	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Outer_Full_Ant31

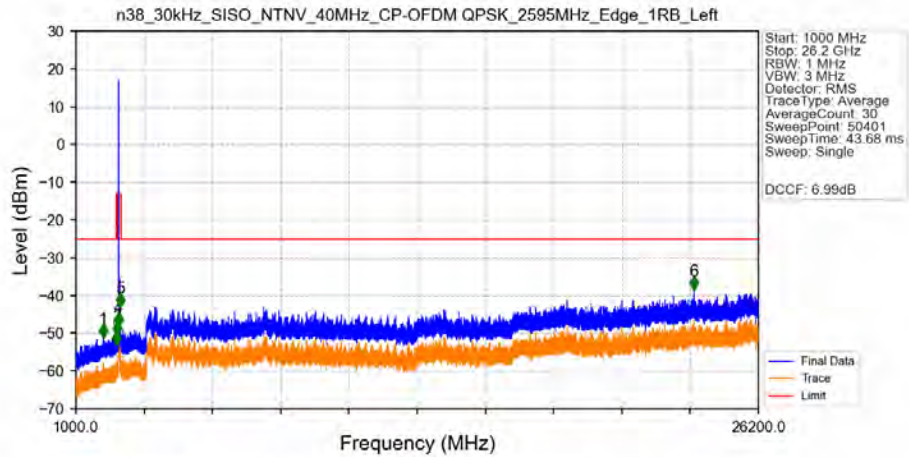


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2564.953	-28.23	-13	Pass
2565	2569	1	CHP	2	2567.204	-26.19	-10	Pass
2569	2570	1.08	CHP	3	2569.605	-26.36	-10	Pass
2570	2620	1.08	CHP	/	/	/	/	/
2620	2621	1.08	CHP	4	2620.032	-22.41	-10	Pass
2621	2625	1	CHP	5	2621.682	-23.38	-10	Pass
2625	2660	1	CHP	6	2625.284	-23.92	-13	Pass
2660	2750	1	CHP	7	2661.904	-46.01	25	Pass

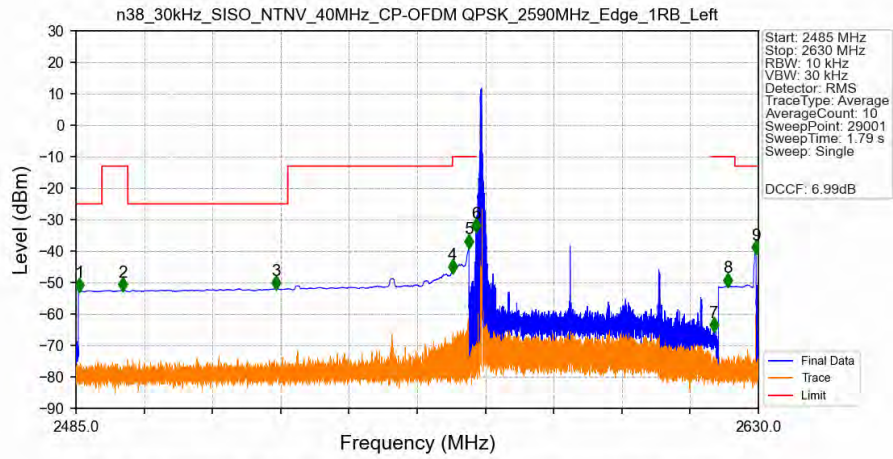
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

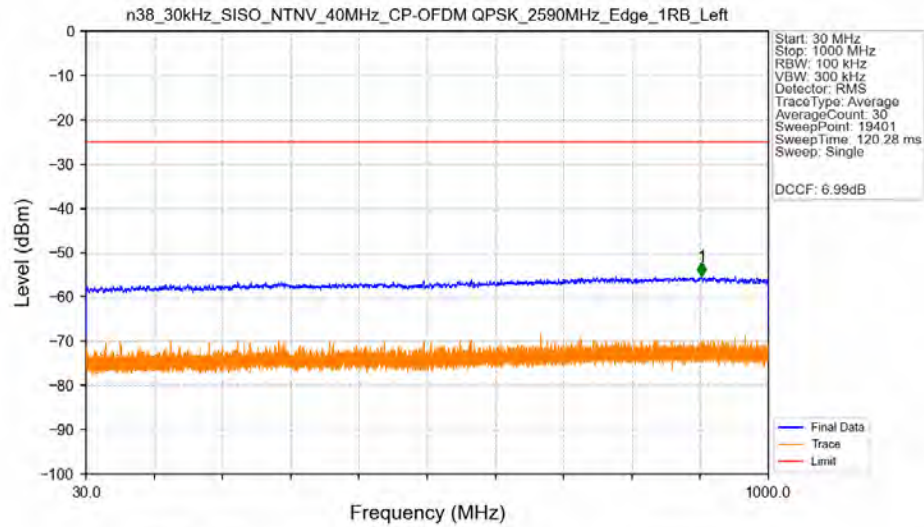


n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2590MHz Edge 1RB Left Ant31



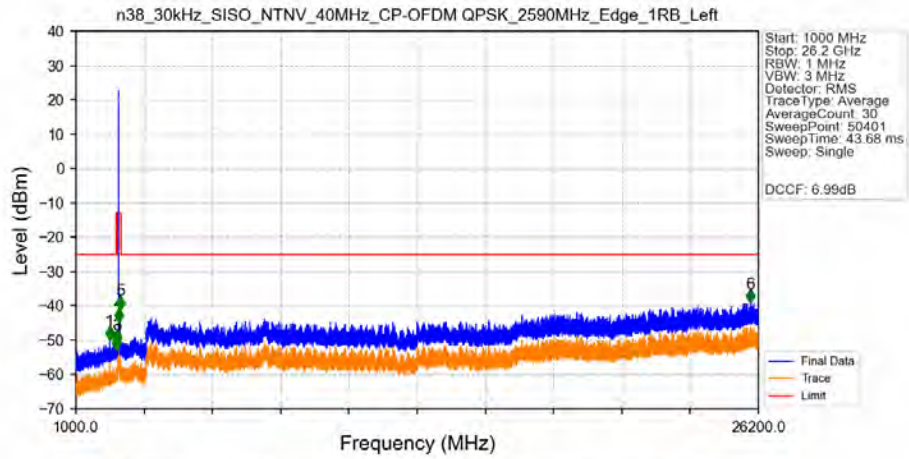
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.725	-52.61	-25	Pass
2490.5	2496	1	CHP	2	2494.985	-52.51	-13	Pass
2496	2530	1	CHP	3	2527.495	-51.93	-25	Pass
2530	2565	1	CHP	4	2564.975	-46.87	-13	Pass
2565	2569	1	CHP	5	2568.500	-38.70	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-33.67	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	7	2620.575	-65.21	-10	Pass
2621	2625	1	CHP	8	2623.420	-51.03	-10	Pass
2625	2630	1	CHP	9	2629.415	-40.60	-13	Pass

n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2590MHz Edge 1RB Left Ant31



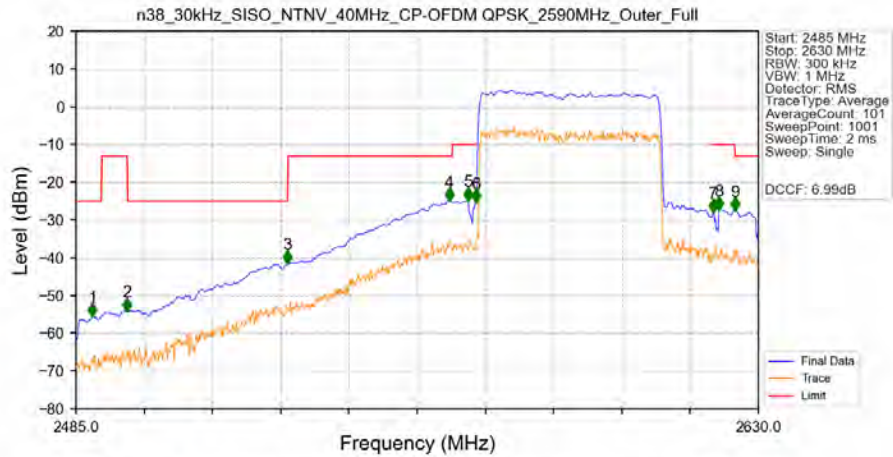
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	905.350	-55.37	-25	Pass

n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2590MHz Edge 1RB Left Ant31



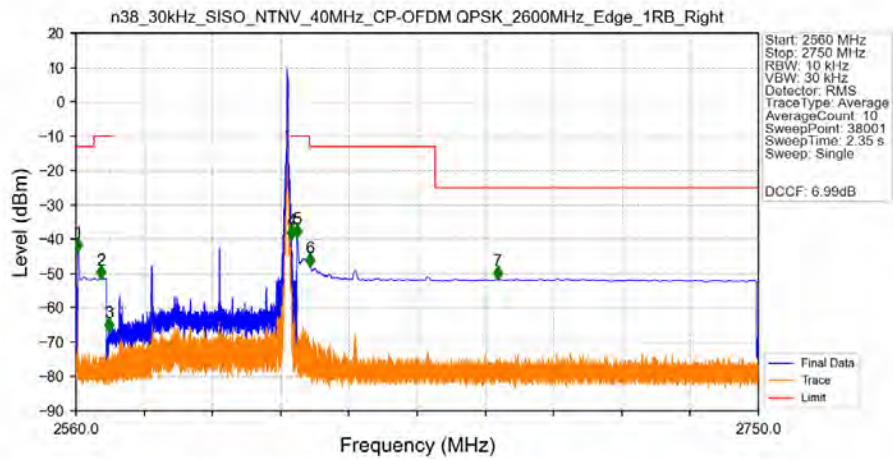
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2246.000	-49.76	-25	Pass
2490.5	2496	1	/	2	2492.000	-52.50	-13	Pass
2496	2530	1	/	3	2522.500	-50.91	-25	Pass
2530	2565	1	/	4	2564.500	-44.54	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2629.500	-40.87	-13	Pass
2660	26200	1	/	6	25909.500	-38.88	-25	Pass

n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2590MHz Outer_Full Ant31



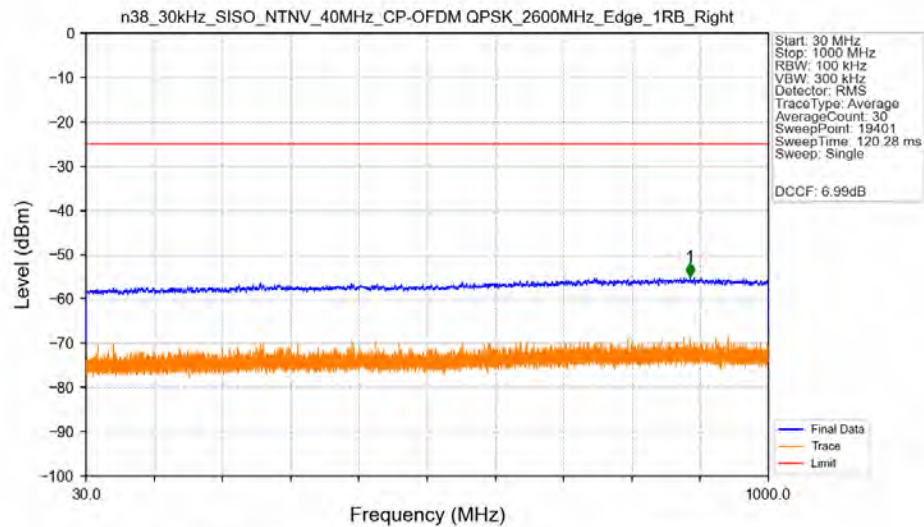
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.480	-55.36	-25	Pass
2490.5	2496	1	CHP	2	2495.875	-53.92	-13	Pass
2496	2530	1	CHP	3	2529.950	-41.34	-25	Pass
2530	2565	1	CHP	4	2564.315	-24.72	-13	Pass
2565	2569	1	CHP	5	2568.230	-24.65	-10	Pass
2569	2570	0.778	CHP	6	2569.970	-25.15	-10	Pass
2570	2620	0.778	CHP	/	/	/	/	/
2620	2621	0.778	CHP	7	2620.430	-27.81	-10	Pass
2621	2625	1	CHP	8	2621.590	-27.14	-10	Pass
2625	2630	1	CHP	9	2625.070	-27.29	-13	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant31



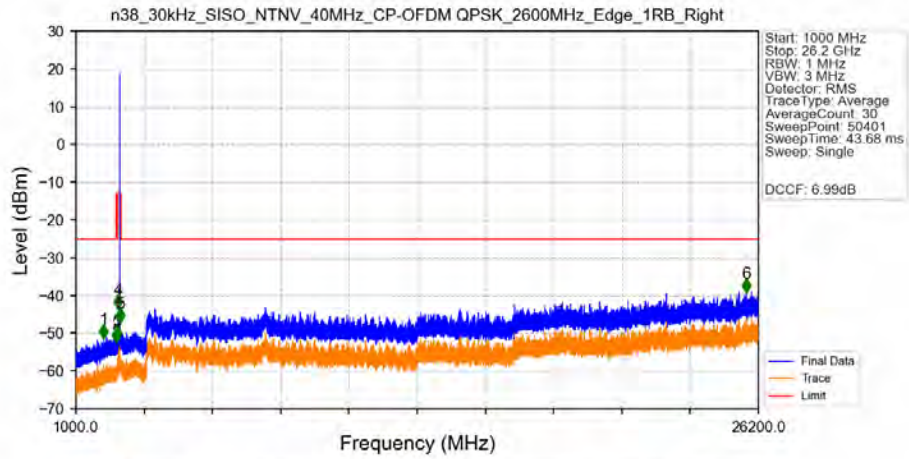
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.500	-43.30	-13	Pass
2565	2569	1	CHP	2	2566.950	-51.31	-10	Pass
2569	2570	0.02	CHP	3	2569.135	-66.58	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.005	-39.82	-10	Pass
2621	2625	1	CHP	5	2621.500	-39.29	-10	Pass
2625	2660	1	CHP	6	2625.035	-47.87	-13	Pass
2660	2750	1	CHP	7	2677.505	-51.53	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant31



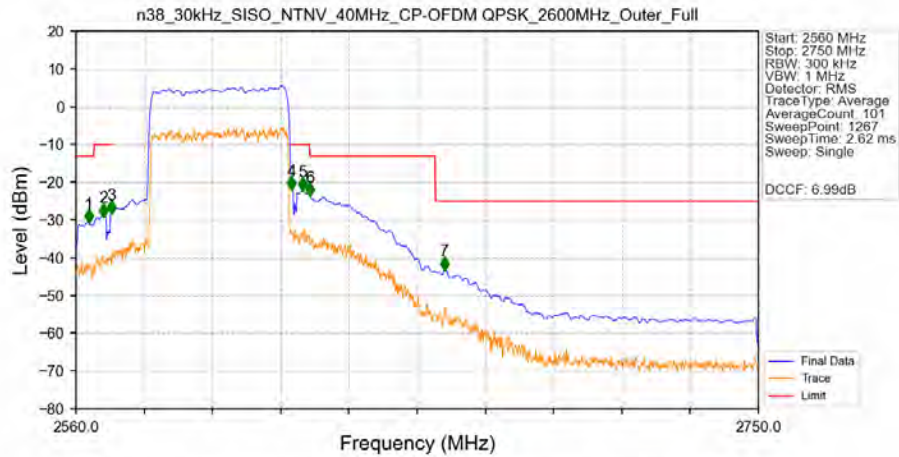
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	888.850	-54.87	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant31



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2026.000	-51.13	-25	Pass
2490.5	2496	1	/	2	2491.000	-52.23	-13	Pass
2496	2530	1	/	3	2518.500	-51.53	-25	Pass
2530	2565	1	/	4	2560.500	-43.17	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2625.500	-46.86	-13	Pass
2660	26200	1	/	6	25760.500	-38.85	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2600MHz_Outer_Full_Ant31



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2563.602	-30.58	-13	Pass
2565	2569	1	CHP	2	2567.654	-28.91	-10	Pass
2569	2570	0.991	CHP	3	2569.905	-28.20	-10	Pass
2570	2620	0.991	CHP	/	/	/	/	/
2620	2621	0.991	CHP	4	2620.032	-21.73	-10	Pass
2621	2625	1	CHP	5	2623.033	-21.98	-10	Pass
2625	2660	1	CHP	6	2625.134	-23.55	-13	Pass
2660	2750	1	CHP	7	2662.654	-43.02	25	Pass

6. Field Strength of Spurious Radiation

NR N38 ANT31-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	-62.55	-25	-37.55	-68.16	4.62	10.23	Horizontal	Pass
7716.0	-59.86	-25	-34.86	-66.89	4.96	11.99	Horizontal	Pass
10288.0	-56.66	-25	-31.66	-64.23	5.51	13.08	Horizontal	Pass
5144.0	-58.57	-25	-33.57	-64.18	4.62	10.23	Vertical	Pass
7716.0	-60.06	-25	-35.06	-67.09	4.96	11.99	Vertical	Pass
12872.44	-48.34	-25	-23.34	-55.81	5.97	13.44	Vertical	Pass

NR N38 ANT31-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	-61.03	-25	-36.03	-66.65	4.62	10.24	Horizontal	Pass
7731.0	-59.66	-25	-34.66	-66.71	4.96	12.01	Horizontal	Pass
10344.0	-56.53	-25	-31.53	-64.1	5.52	13.09	Horizontal	Pass
5154.0	-58.94	-25	-33.94	-64.56	4.62	10.24	Vertical	Pass
7731.0	-59.56	-25	-34.56	-66.61	4.96	12.01	Vertical	Pass
12872.44	-46.59	-25	-21.59	-54.06	5.97	13.44	Vertical	Pass

NR N38 ANT31-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	-62.25	-25	-37.25	-67.87	4.62	10.24	Horizontal	Pass
7746.0	-59.03	-25	-34.03	-66.1	4.96	12.03	Horizontal	Pass
12909.7	-52.07	-25	-27.07	-59.56	5.97	13.46	Horizontal	Pass
5164.0	-59.51	-25	-34.51	-65.13	4.62	10.24	Vertical	Pass
7746.0	-59.15	-25	-34.15	-66.22	4.96	12.03	Vertical	Pass
12909.7	-48.29	-25	-23.29	-55.78	5.97	13.46	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	-61.04	-25	-36.04	-66.65	4.62	10.23	Horizontal	Pass
7716.0	-59.54	-25	-34.54	-66.57	4.96	11.99	Horizontal	Pass
10288.0	-56.69	-25	-31.69	-64.26	5.51	13.08	Horizontal	Pass
5144.0	-62.74	-25	-37.74	-68.35	4.62	10.23	Vertical	Pass
7716.0	-59.95	-25	-34.95	-66.98	4.96	11.99	Vertical	Pass
12872.44	-50.28	-25	-25.28	-57.75	5.97	13.44	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	-62.99	-25	-37.99	-68.61	4.62	10.24	Horizontal	Pass
7731.0	-59.69	-25	-34.69	-66.74	4.96	12.01	Horizontal	Pass
10344.0	-56.75	-25	-31.75	-64.32	5.52	13.09	Horizontal	Pass
5154.0	-61.66	-25	-36.66	-67.28	4.62	10.24	Vertical	Pass
7731.0	-59.41	-25	-34.41	-66.46	4.96	12.01	Vertical	Pass
10344.0	-56.43	-25	-31.43	-64.0	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	-63.04	-25	-38.04	-68.66	4.62	10.24	Horizontal	Pass
7746.0	-58.9	-25	-33.9	-65.97	4.96	12.03	Horizontal	Pass
10328.0	-56.51	-25	-31.51	-64.09	5.51	13.09	Horizontal	Pass
5164.0	-58.75	-25	-33.75	-64.37	4.62	10.24	Vertical	Pass
7746.0	-59.43	-25	-34.43	-66.5	4.96	12.03	Vertical	Pass
12909.7	-48.09	-25	-23.09	-55.58	5.97	13.46	Vertical	Pass

Test on the worst case :

NR N38 ANT31-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	-63.01	-25	-38.01	-68.62	4.62	10.23	Horizontal	Pass
7716.0	-59.65	-25	-34.65	-66.68	4.96	11.99	Horizontal	Pass
10288.0	-56.12	-25	-31.12	-63.69	5.51	13.08	Horizontal	Pass
5144.0	-56.08	-25	-31.08	-61.69	4.62	10.23	Vertical	Pass
7716.0	-58.9	-25	-33.9	-65.93	4.96	11.99	Vertical	Pass
12872.44	-47.77	-25	-22.77	-55.24	5.97	13.44	Vertical	Pass

NR N38 ANT31-Middle channel, Modulation: QPSK, Bandwidth:40MHz, 1RB#0								
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	-59.99	-25	-34.99	-65.61	4.62	10.24	Horizontal	Pass
7731.0	-59.48	-25	-34.48	-66.53	4.96	12.01	Horizontal	Pass
10344.0	-56.25	-25	-31.25	-63.82	5.52	13.09	Horizontal	Pass
5154.0	-56.8	-25	-31.8	-62.42	4.62	10.24	Vertical	Pass
7731.0	-56.64	-25	-31.64	-63.69	4.96	12.01	Vertical	Pass
12872.44	-49.39	-25	-24.39	-56.86	5.97	13.44	Vertical	Pass

NR N38 ANT31-High channel, Modulation: QPSK, Bandwidth:40MHz, 1RB#0								
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	-60.94	-25	-35.94	-66.56	4.62	10.24	Horizontal	Pass
7746.0	-59.77	-25	-34.77	-66.84	4.96	12.03	Horizontal	Pass
12909.7	-54.01	-25	-29.01	-61.5	5.97	13.46	Horizontal	Pass
5164.0	-61.12	-25	-36.12	-66.74	4.62	10.24	Vertical	Pass
7746.0	-57.05	-25	-32.05	-64.12	4.96	12.03	Vertical	Pass
12909.7	-47.04	-25	-22.04	-54.53	5.97	13.46	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	-63.14	-25	-38.14	-68.75	4.62	10.23	Horizontal	Pass
7716.0	-59.77	-25	-34.77	-66.8	4.96	11.99	Horizontal	Pass
10288.0	-56.62	-25	-31.62	-64.19	5.51	13.08	Horizontal	Pass
5144.0	-62.31	-25	-37.31	-67.92	4.62	10.23	Vertical	Pass
7716.0	-59.3	-25	-34.3	-66.33	4.96	11.99	Vertical	Pass
12872.44	-52.38	-25	-27.38	-59.85	5.97	13.44	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	-61.55	-25	-36.55	-67.17	4.62	10.24	Horizontal	Pass
7731.0	-59.82	-25	-34.82	-66.87	4.96	12.01	Horizontal	Pass
10344.0	-56.37	-25	-31.37	-63.94	5.52	13.09	Horizontal	Pass
5154.0	-63.47	-25	-38.47	-69.09	4.62	10.24	Vertical	Pass
7731.0	-59.62	-25	-34.62	-66.67	4.96	12.01	Vertical	Pass
10344.0	-56.3	-25	-31.3	-63.87	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	-61.68	-25	-36.68	-67.3	4.62	10.24	Horizontal	Pass
7746.0	-59.66	-25	-34.66	-66.73	4.96	12.03	Horizontal	Pass
10328.0	-56.23	-25	-31.23	-63.81	5.51	13.09	Horizontal	Pass
5164.0	-61.01	-25	-36.01	-66.63	4.62	10.24	Vertical	Pass
7746.0	-59.67	-25	-34.67	-66.74	4.96	12.03	Vertical	Pass
12909.7	-50.7	-25	-25.7	-58.19	5.97	13.46	Vertical	Pass