

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
	2575	Inner 1RB Right	21.20	/	/	21.95	/	/	<=33	Pass
		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
	2615	Inner 1RB Left	21.34	/	/	22.09	/	/	<=33	Pass
		Inner 1RB Right	21.31	/	/	22.06	/	/	<=33	Pass
		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
DFT-s-OFDM 256 QAM	2595	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
		Edge 1RB Left	19.18	/	/	19.93	/	/	<=33	Pass
		Edge 1RB Right	19.12	/	/	19.87	/	/	<=33	Pass
	2575	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
		Edge 1RB Left	19.15	/	/	19.90	/	/	<=33	Pass
	2615	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
CP-OFDM QPSK	2595	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
	2575	Inner 1RB Right	18.88	/	/	19.63	/	/	<=33	Pass
		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
	2615	Inner 1RB Left	21.77	/	/	22.52	/	/	<=33	Pass
		Inner 1RB Right	21.80	/	/	22.55	/	/	<=33	Pass
		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
	2595	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
		Edge 1RB Left	20.37	/	/	21.12	/	/	<=33	Pass
		Edge 1RB Right	20.24	/	/	20.99	/	/	<=33	Pass
	2575	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
		Edge 1RB Left	20.37	/	/	21.12	/	/	<=33	Pass
	2615	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
		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
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 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	22.96	/	/	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
	2610	Edge_1RB_Left	22.98	/	/	23.73	/	/	<=33	Pass
		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		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
	2595	Inner_Full	17.17	/	/	17.92	/	/	<=33	Pass
		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
	2582.5	Outer_Full	17.31	/	/	18.06	/	/	<=33	Pass
		Inner_Full	17.26	/	/	18.01	/	/	<=33	Pass
		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
2607.5	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 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	22.93	/	/	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 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	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
		Inner_1RB_Right	23.58	/	/	24.33	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2595	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
		Inner_1RB_Left	22.19	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Right	22.24	/	/	22.99	/	/	<=33	Pass
	2590	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
		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
	2600	Edge_1RB_Left	21.51	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Right	21.28	/	/	22.03	/	/	<=33	Pass
		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
DFT-s-OFDM 64 QAM	2595	Edge_1RB_Left	21.27	/	/	22.02	/	/	<=33	Pass
		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
	2590	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
		Inner_1RB_Right	21.21	/	/	21.96	/	/	<=33	Pass
	2600	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
		Inner_1RB_Left	21.25	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	21.69	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2595	Edge_1RB_Left	19.18	/	/	19.93	/	/	<=33	Pass
		Edge_1RB_Right	18.92	/	/	19.67	/	/	<=33	Pass
		Outer_Full	19.23	/	/	19.98	/	/	<=33	Pass
		Inner_Full	19.24	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Left	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
		Inner Full	17.37	/	/	18.12	/	/	<=33	Pass
		Inner 1RB Left	17.30	/	/	18.05	/	/	<=33	Pass
		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

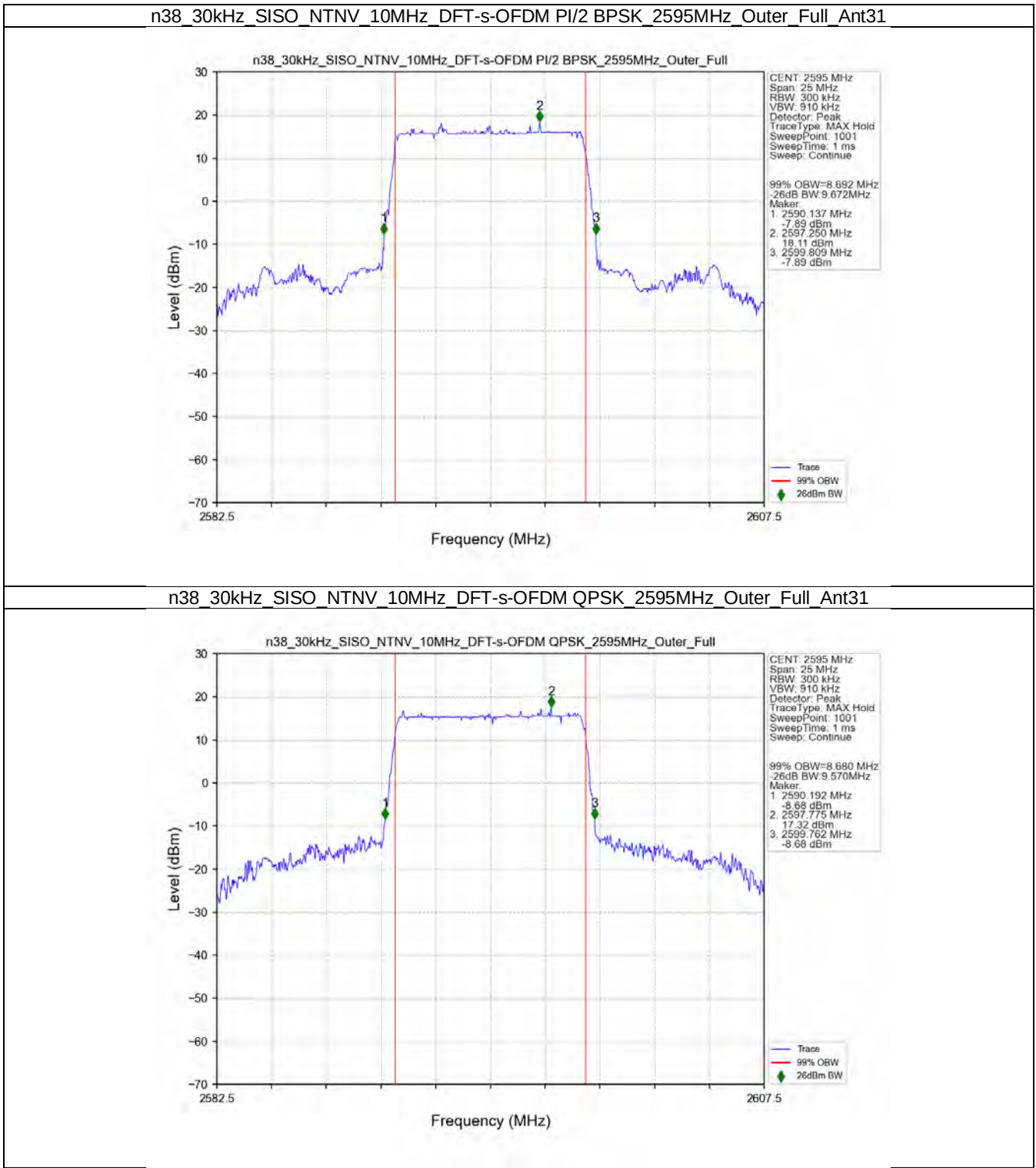
5G NR n38 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	27.13	29.18	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	27.21	29.11	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	27.11	29.21	/	Pass
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

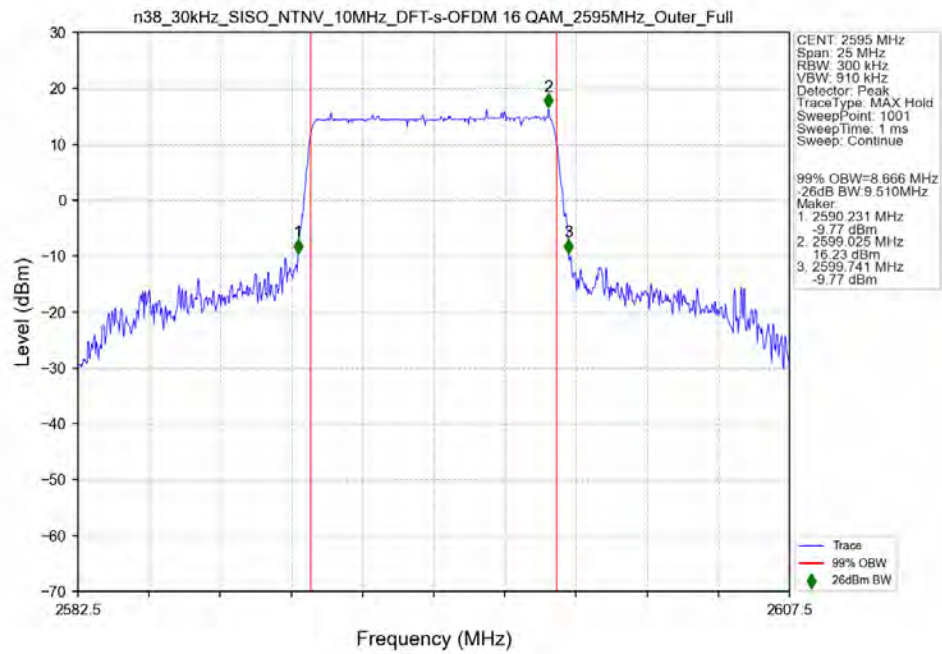
5G NR n38 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	36.12	38.74	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	36.17	38.91	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	36.13	38.71	/	Pass
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

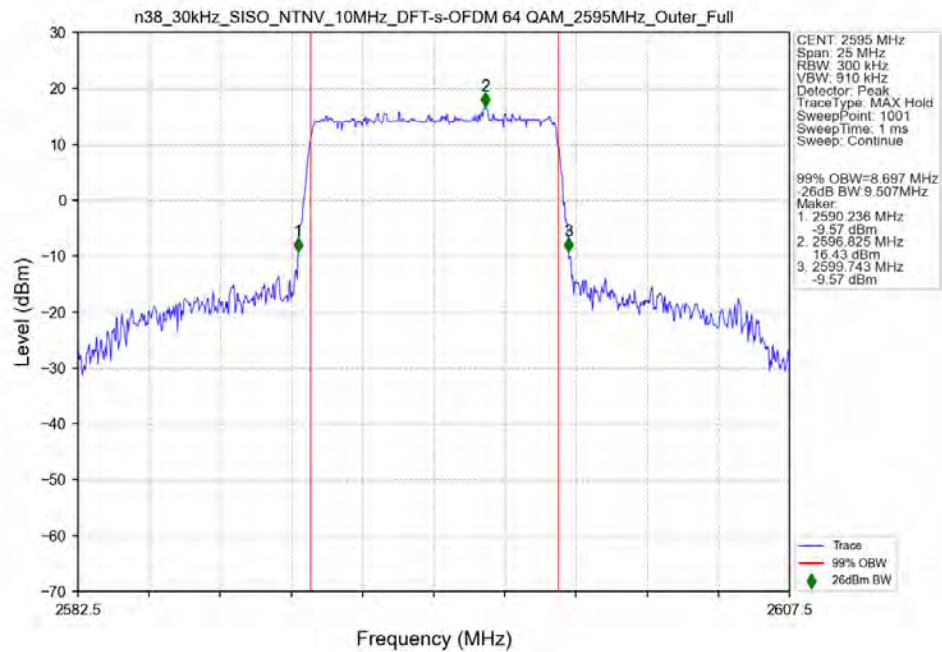
3.2.1 30k_SISO_10MHz_NTNV



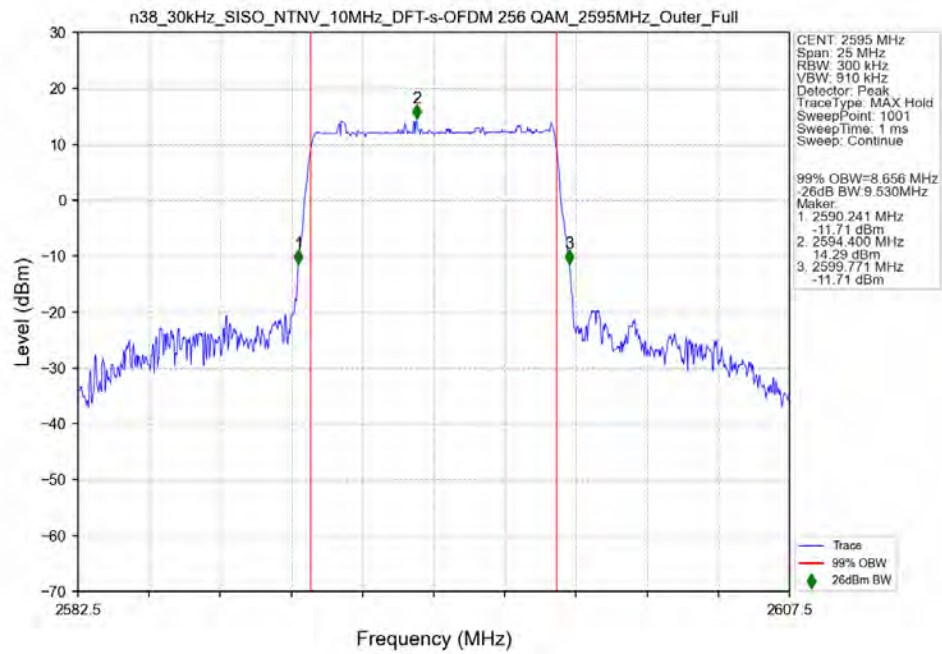
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



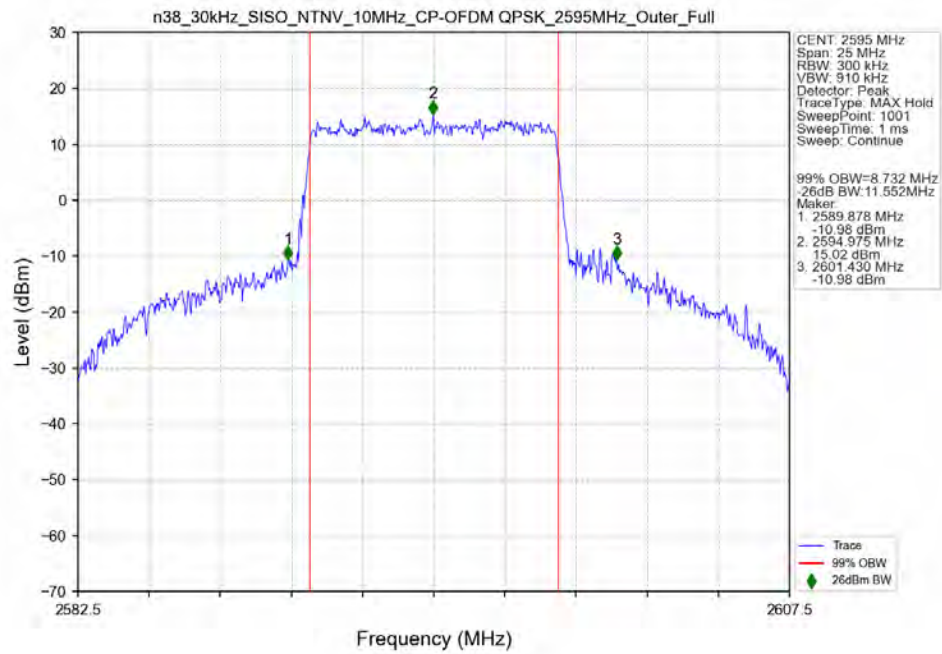
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



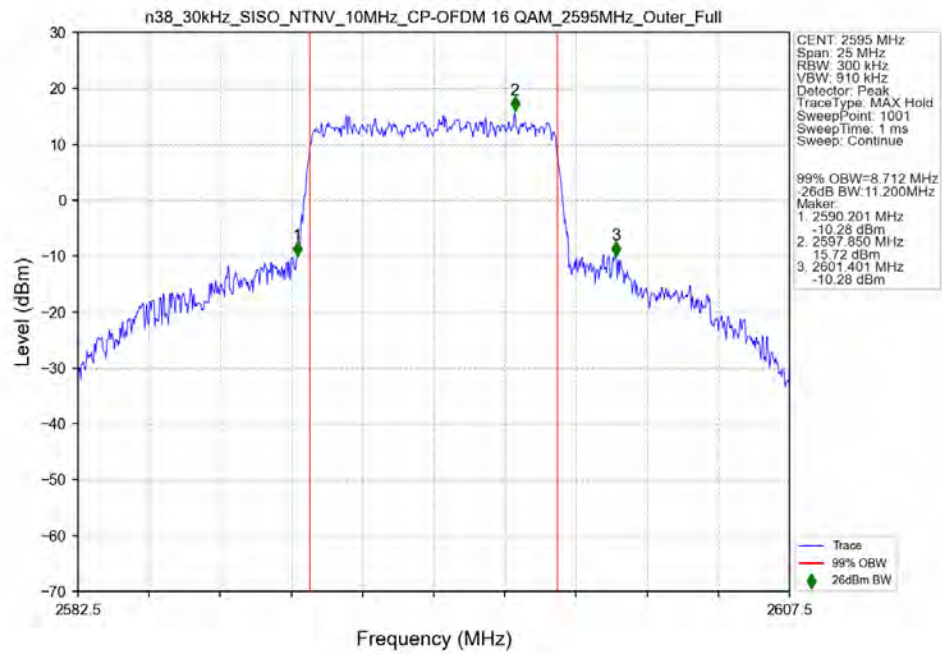
n38 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



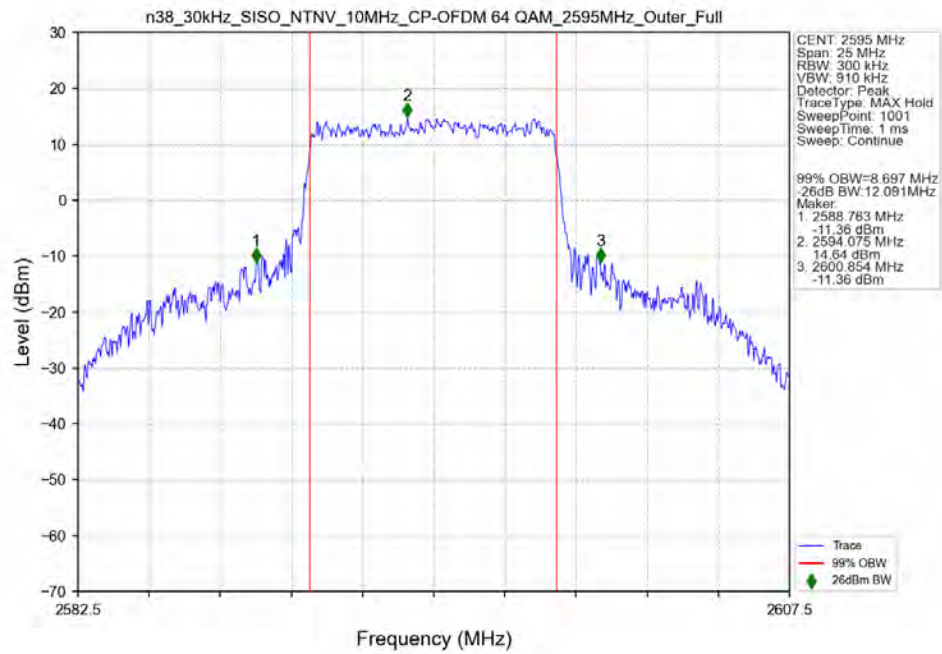
n38 30kHz SISO NTN 10MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



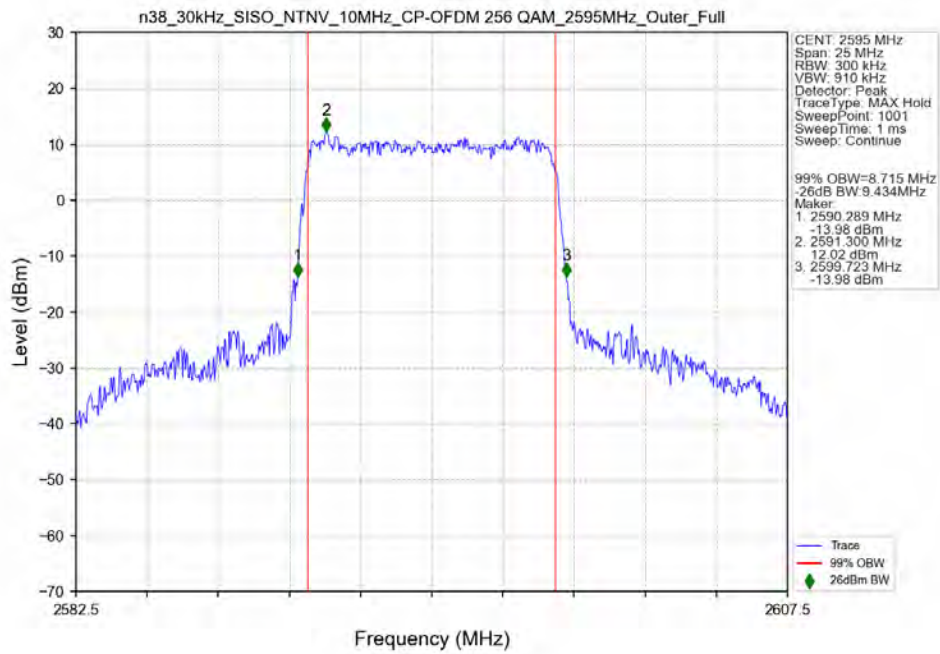
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



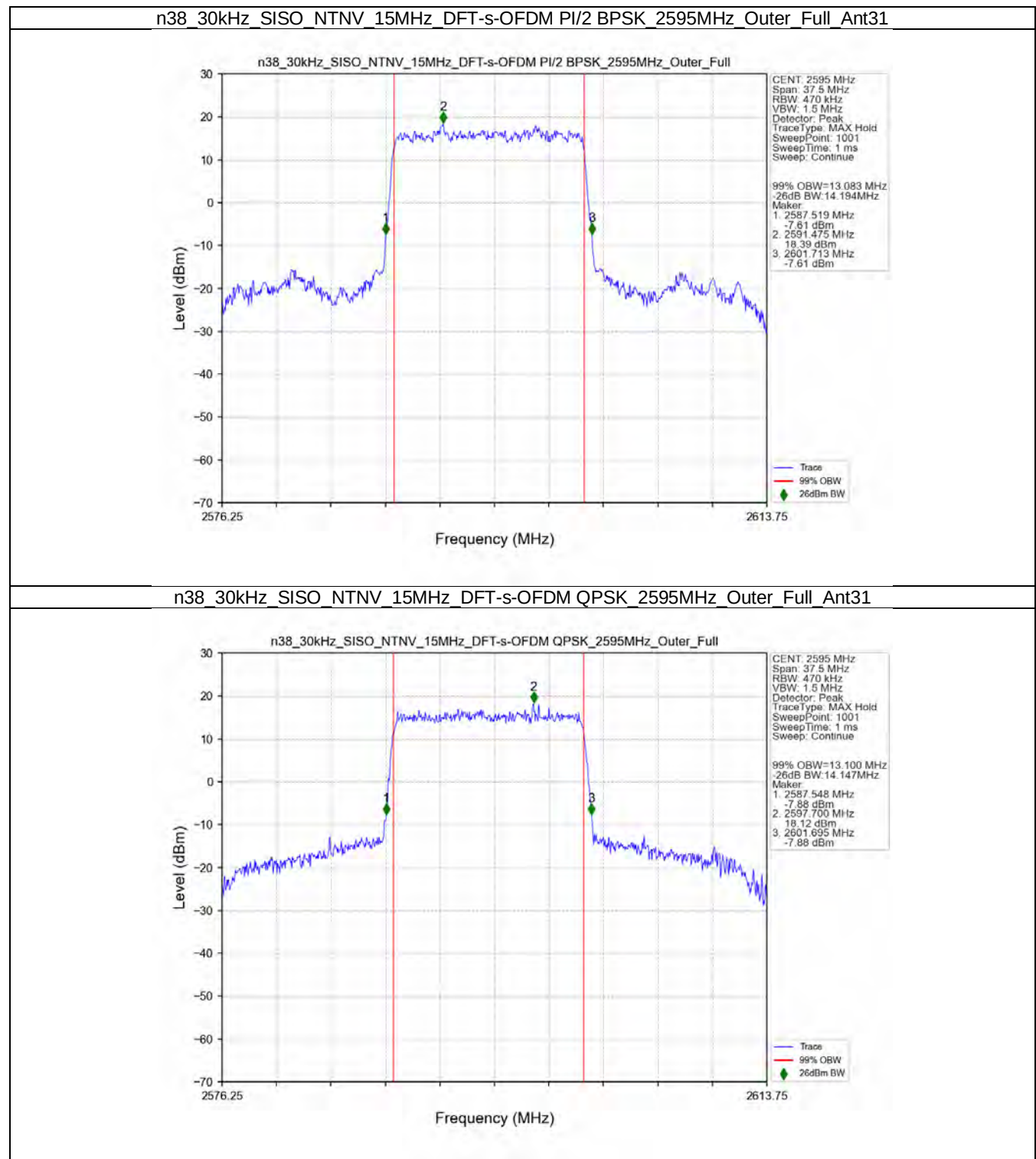
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



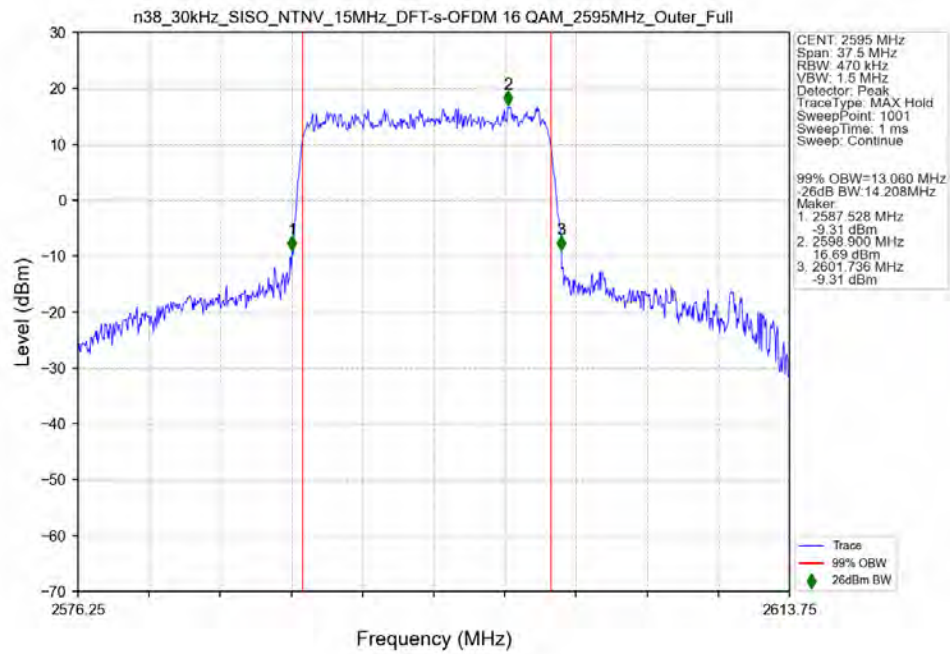
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



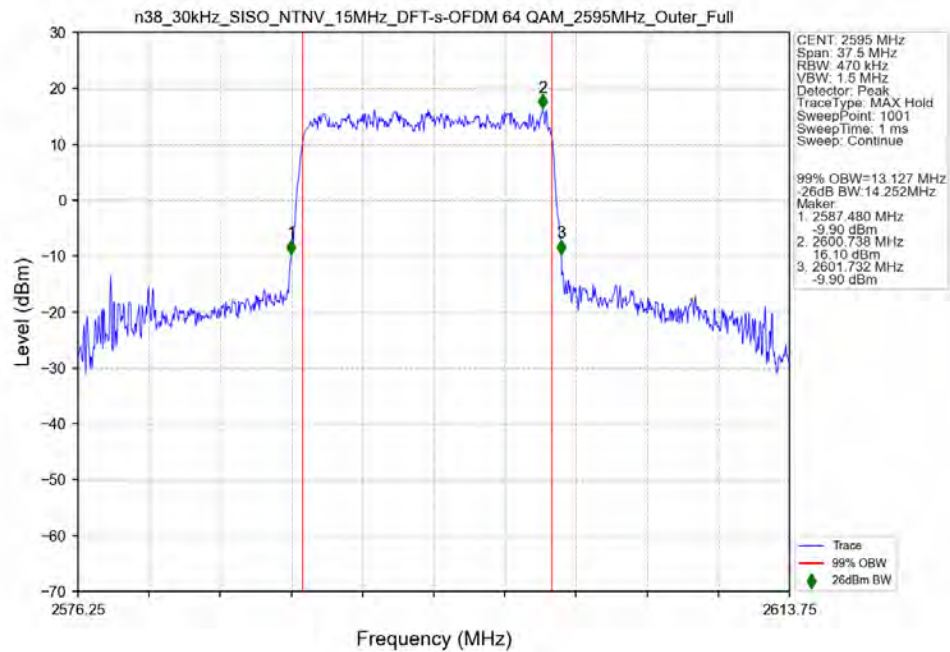
3.2.2 30k_SISO_15MHz_NTNV



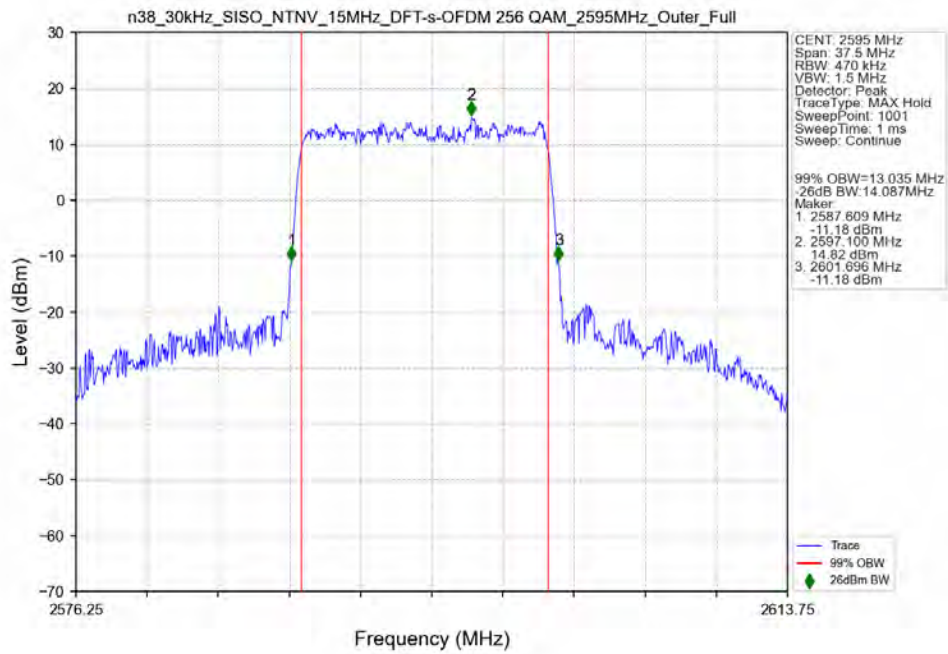
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



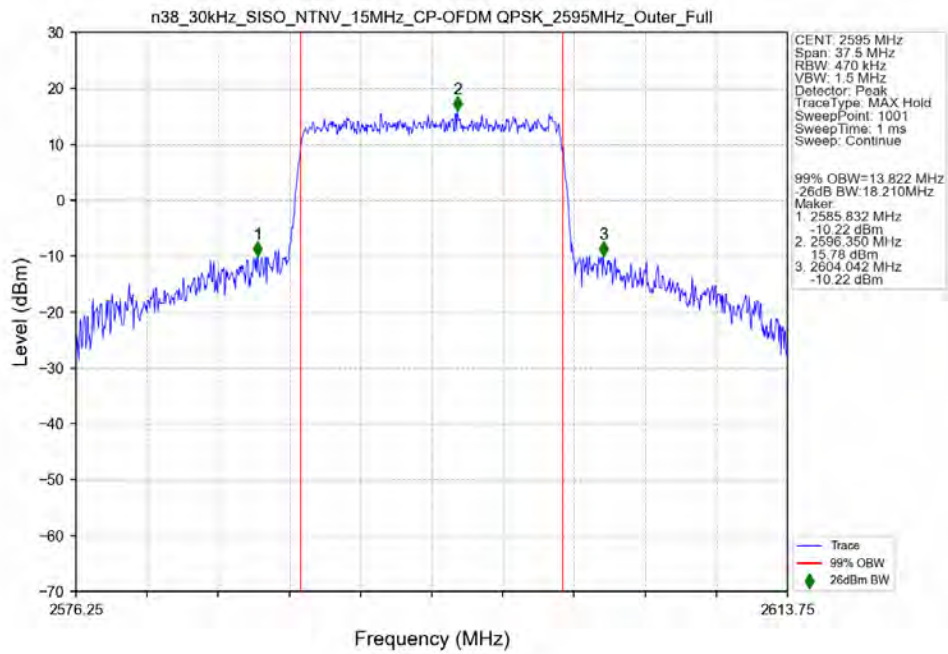
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



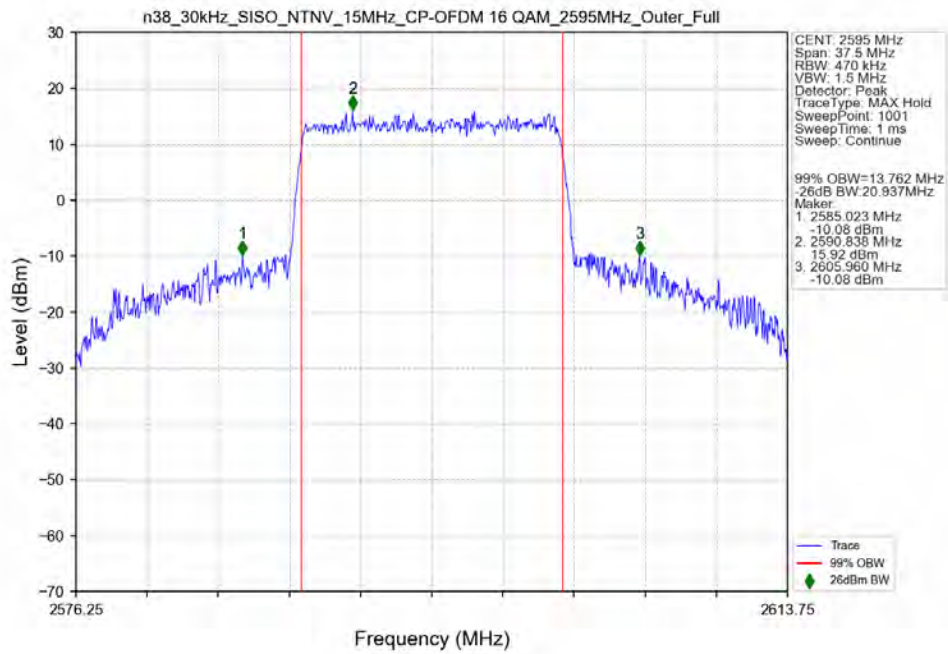
n38 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



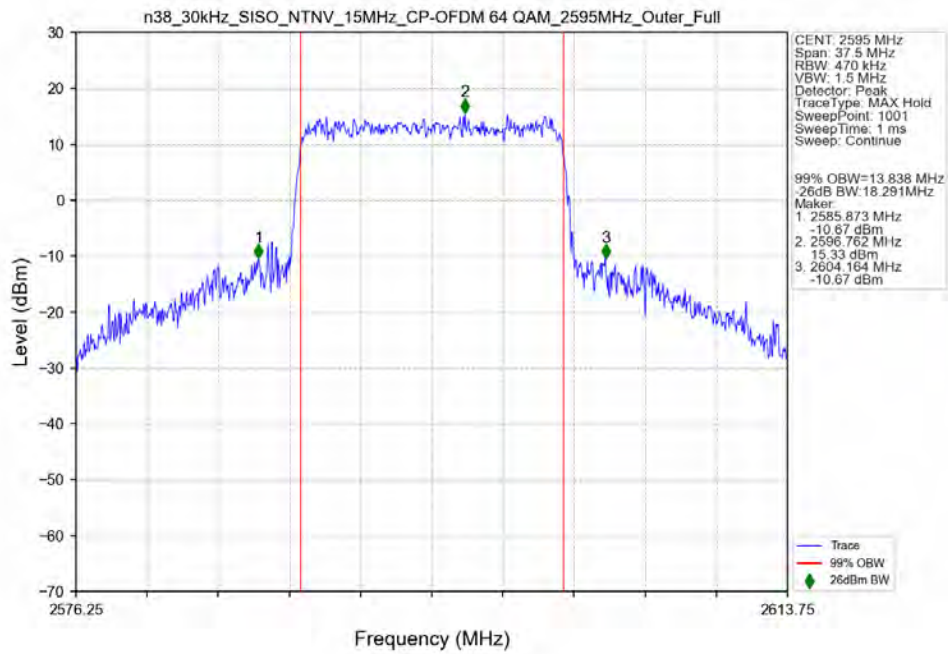
n38 30kHz SISO NTN 15MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



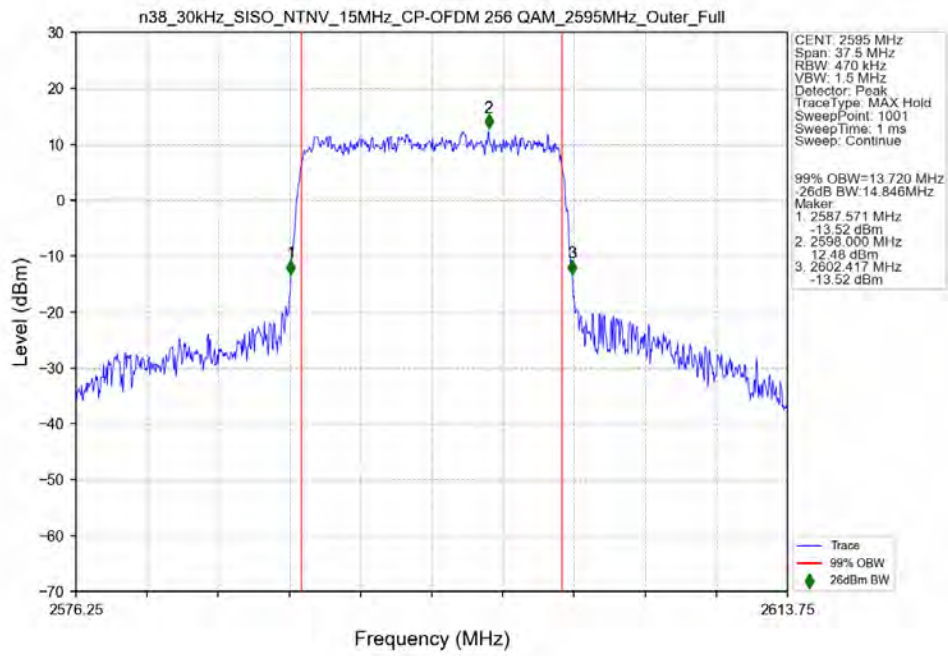
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 2595MHz Outer Full Ant31



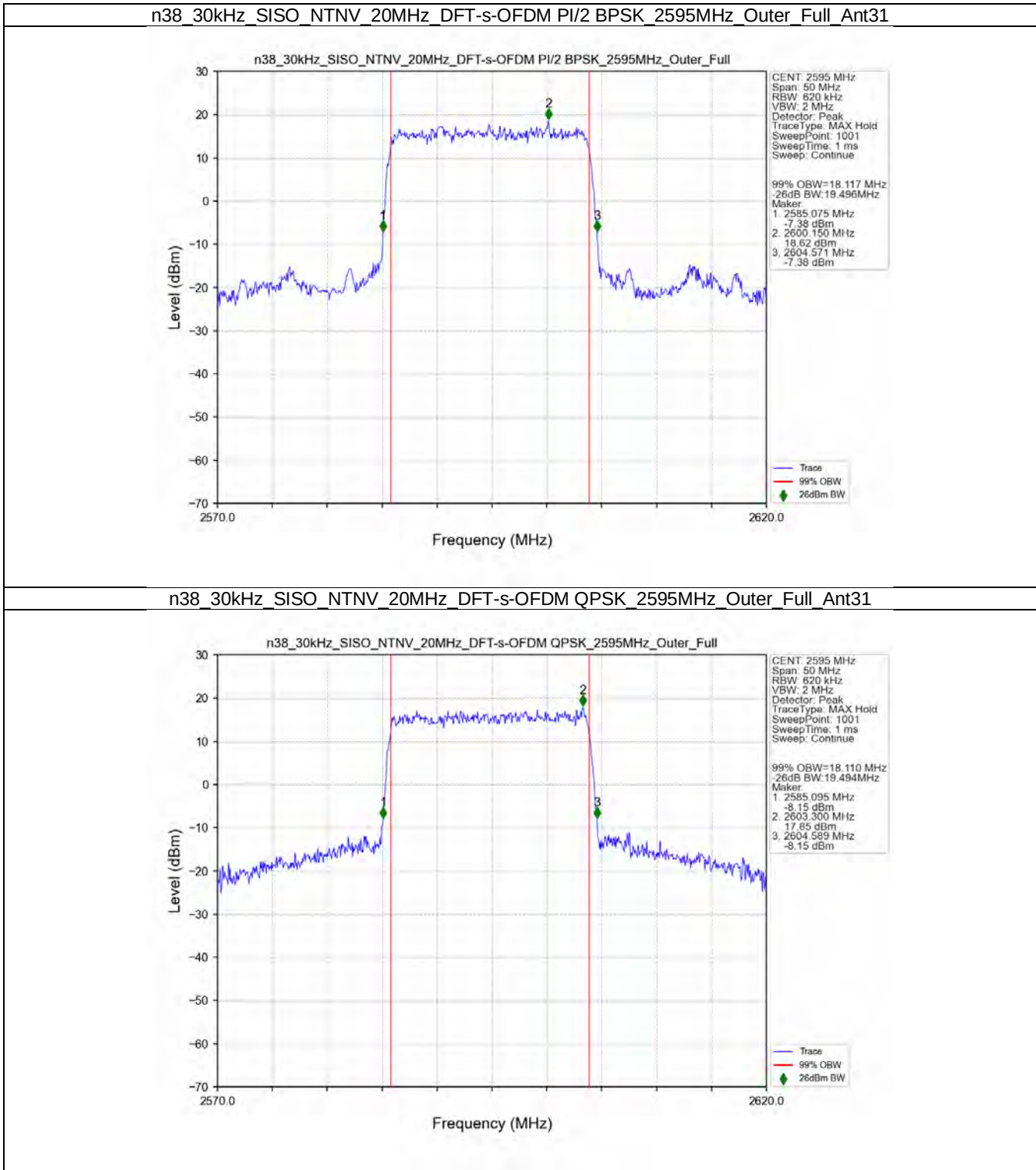
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 2595MHz Outer Full Ant31



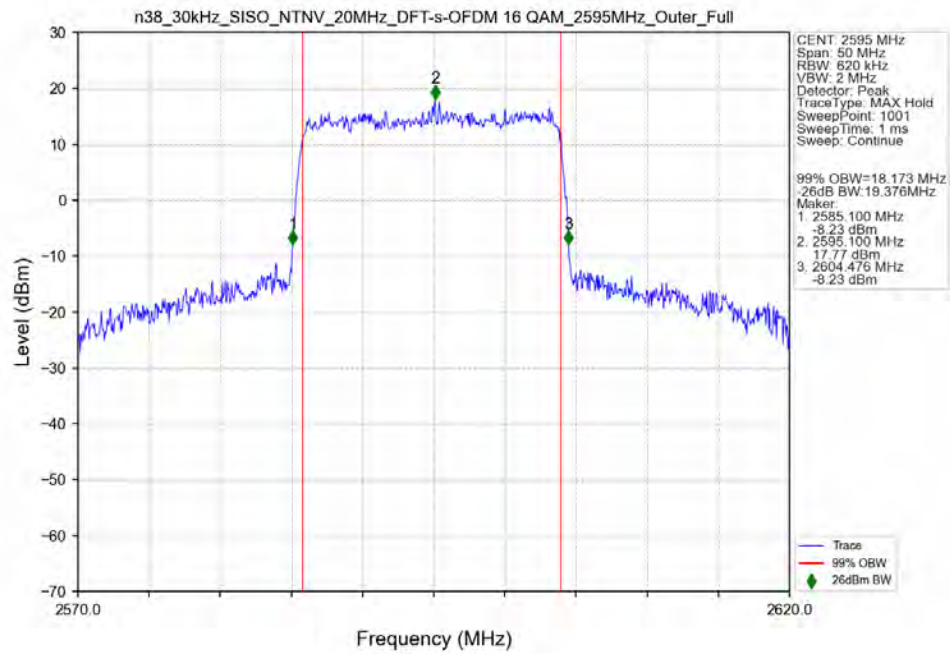
n38_30kHz_SISO_NTV_15MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



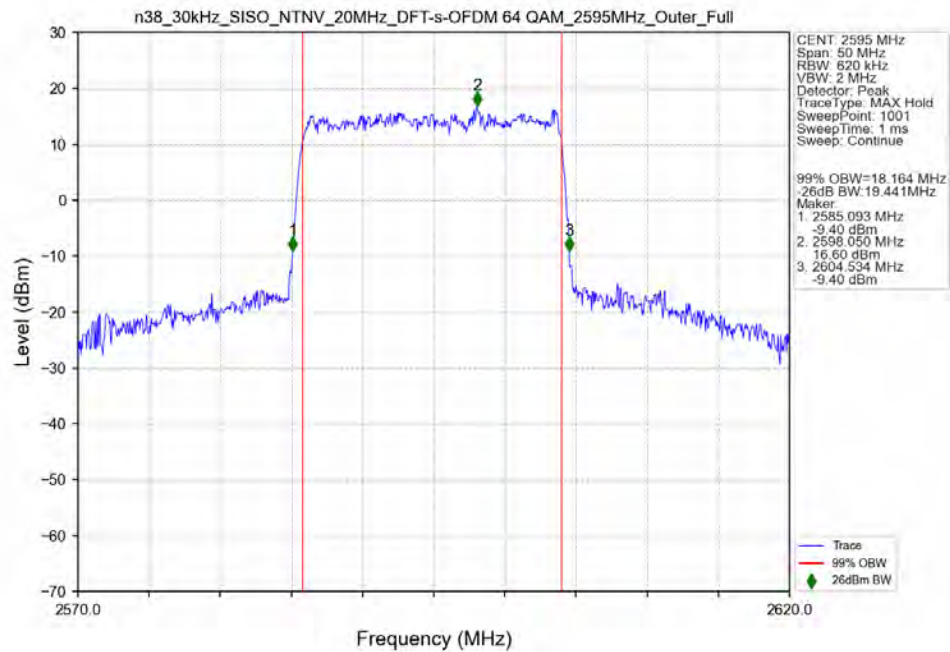
3.2.3 30k_SISO_20MHz_NTNV



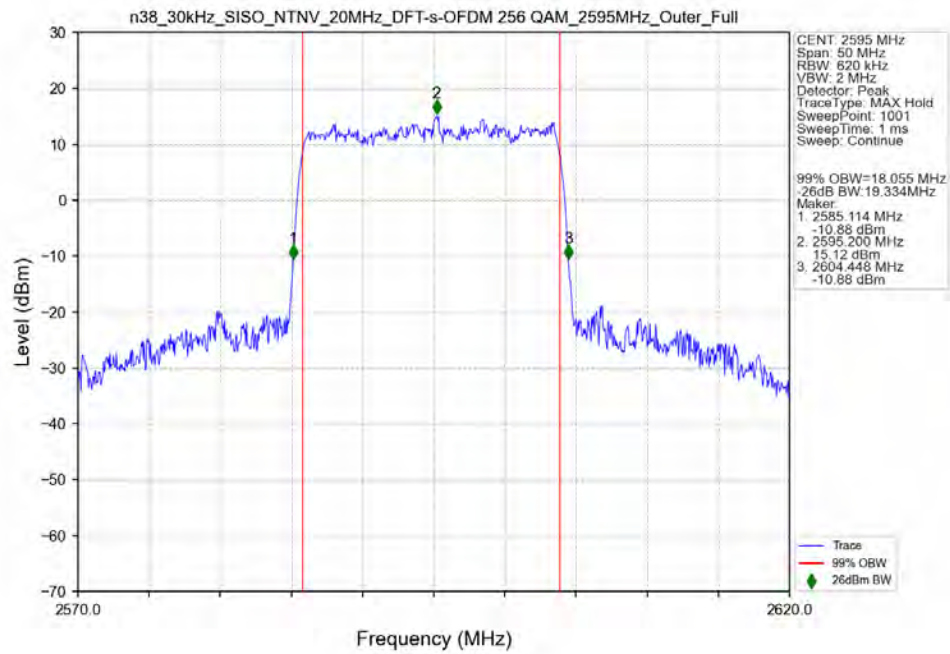
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_2595MHz_Outer_Full_Ant31



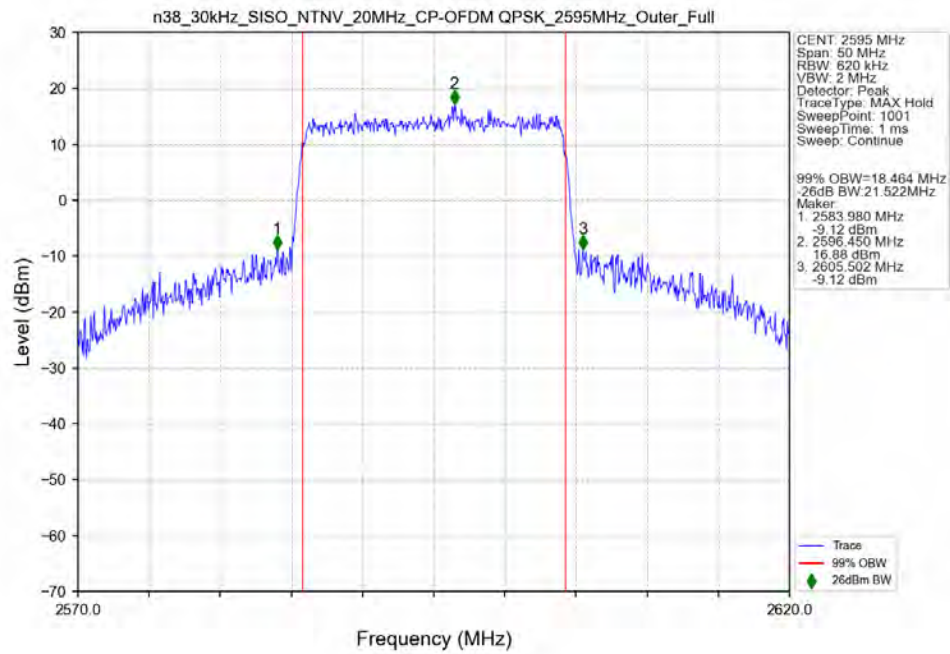
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2595MHz_Outer_Full_Ant31



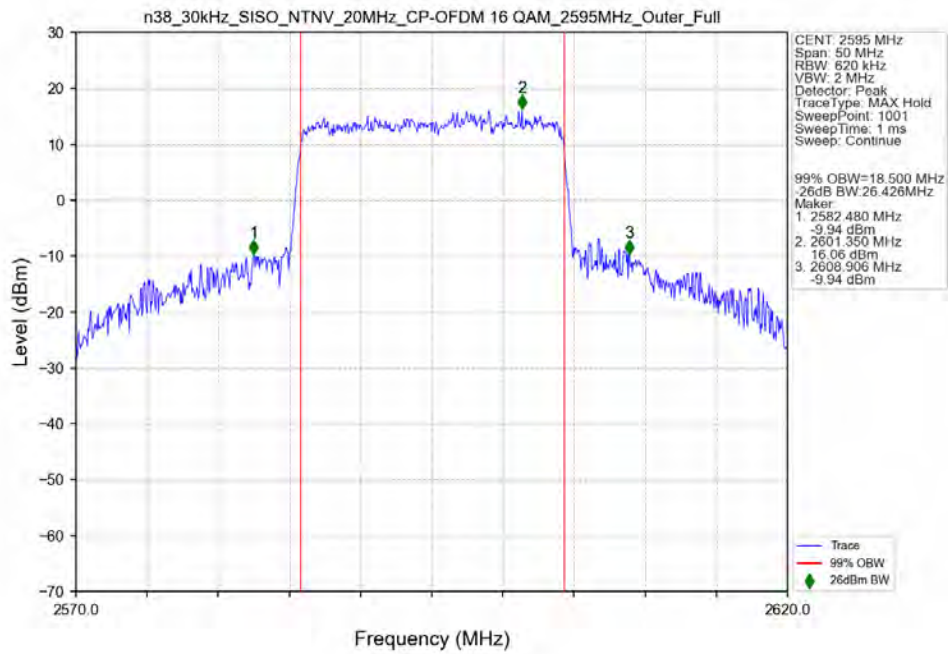
n38 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



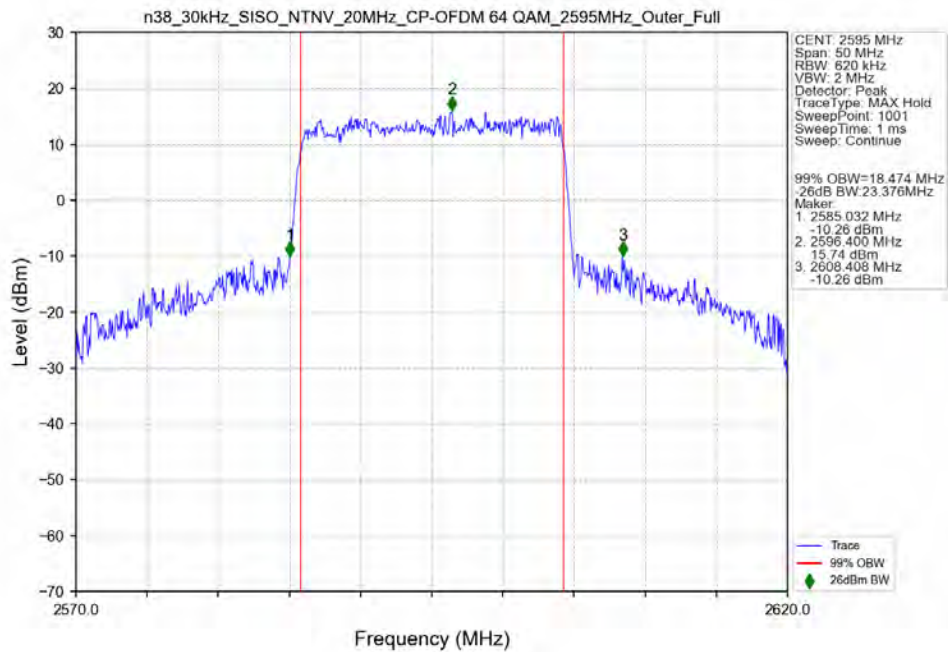
n38 30kHz SISO NTN 20MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



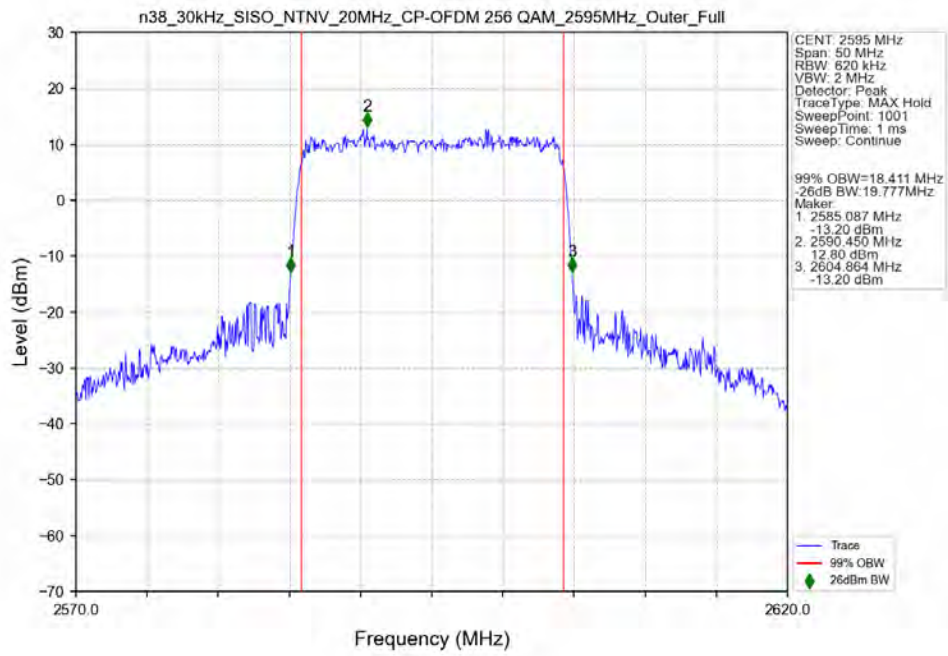
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



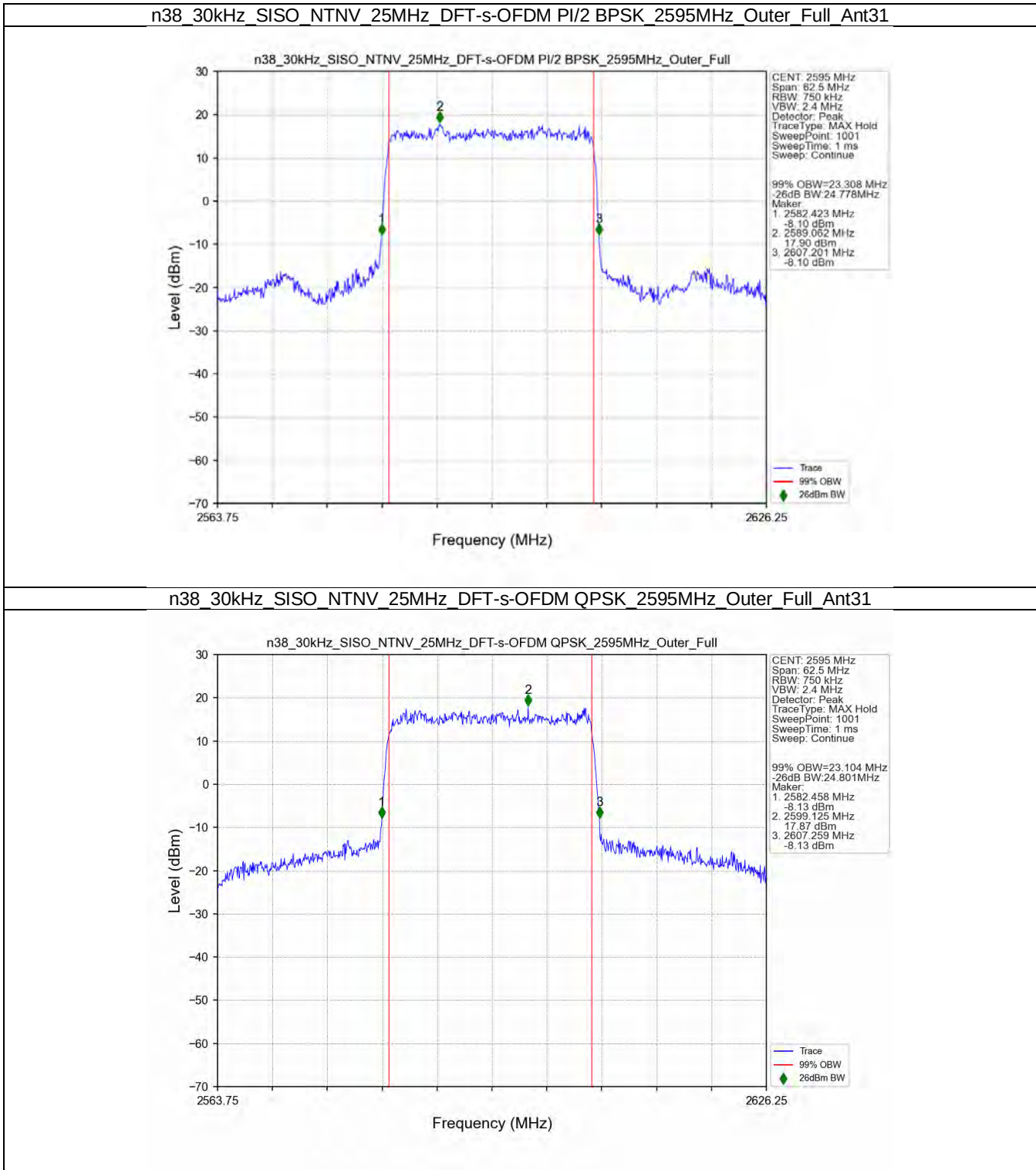
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



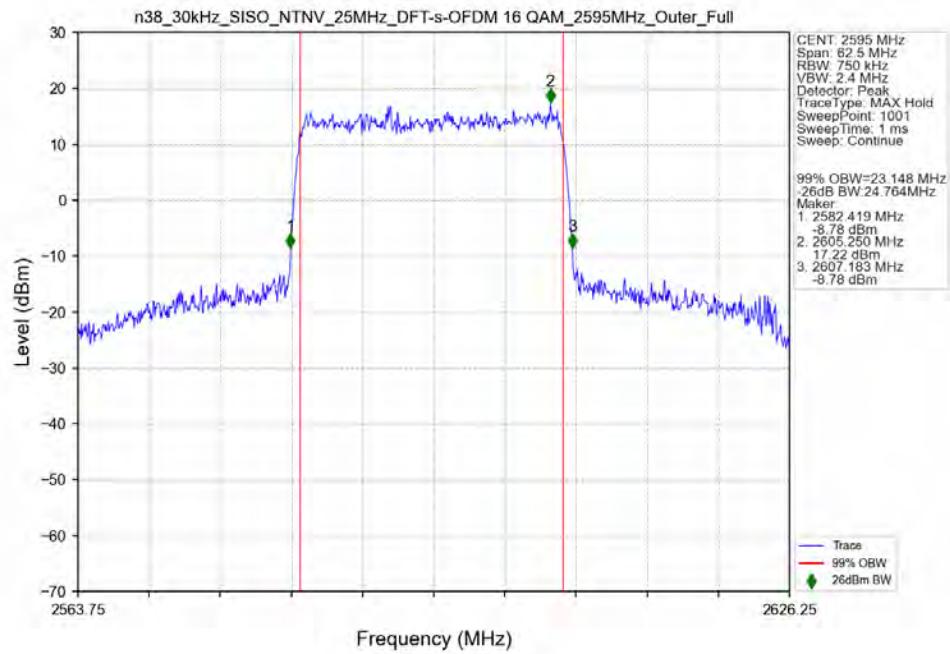
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



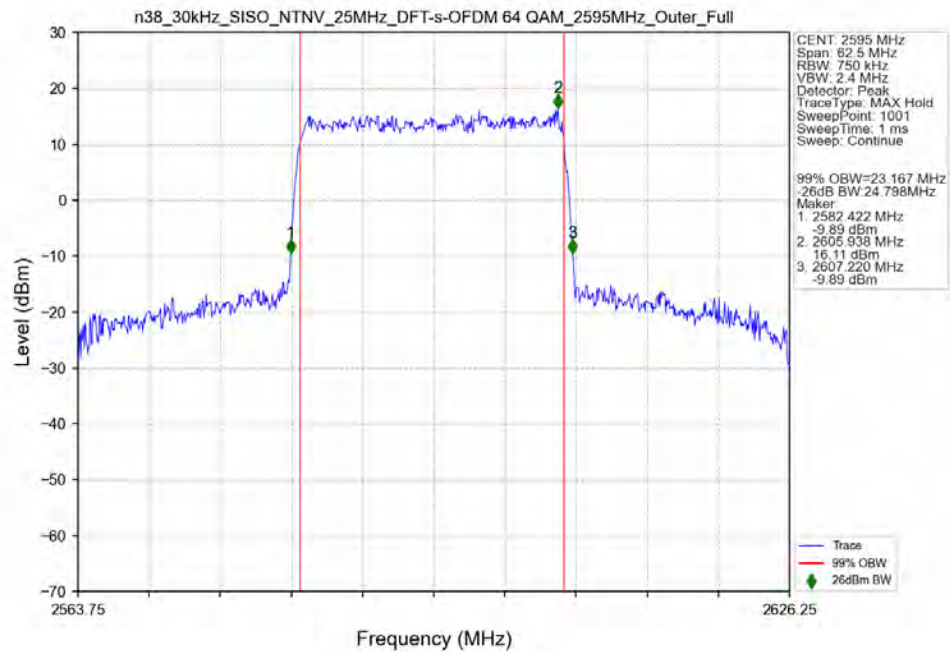
3.2.4 30k_SISO_25MHz_NTNV



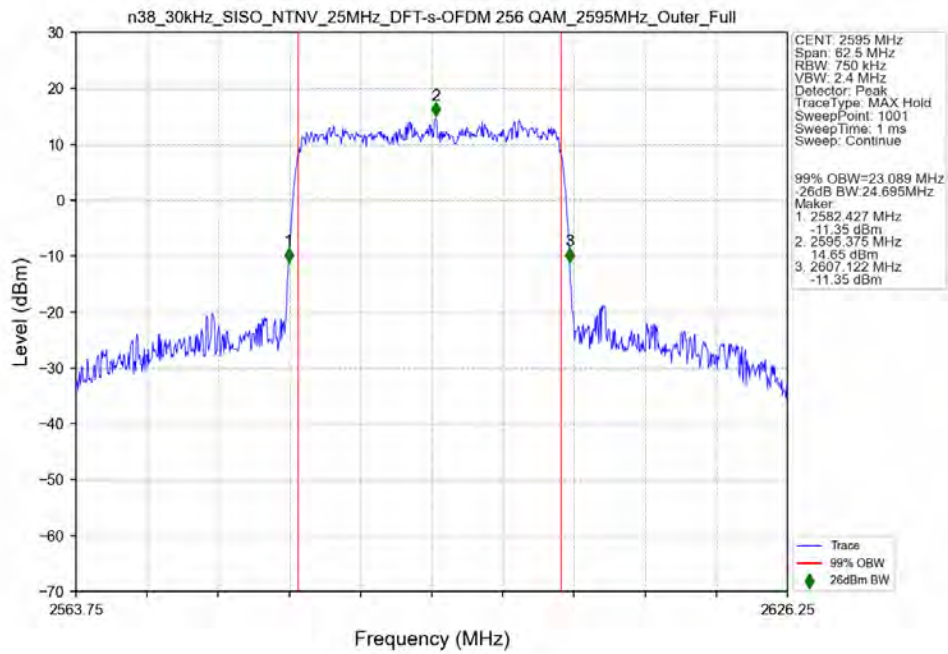
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



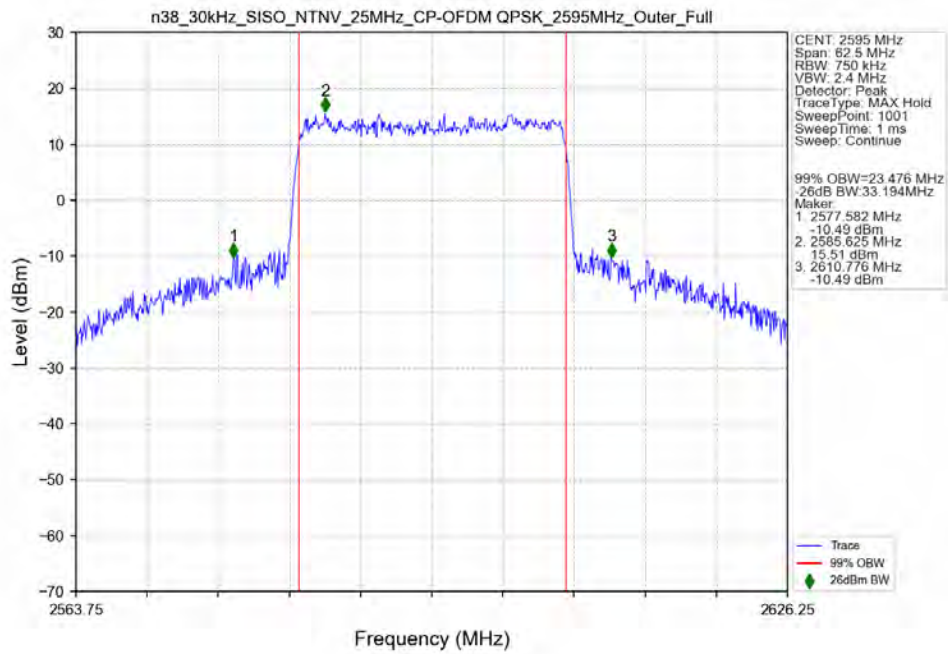
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



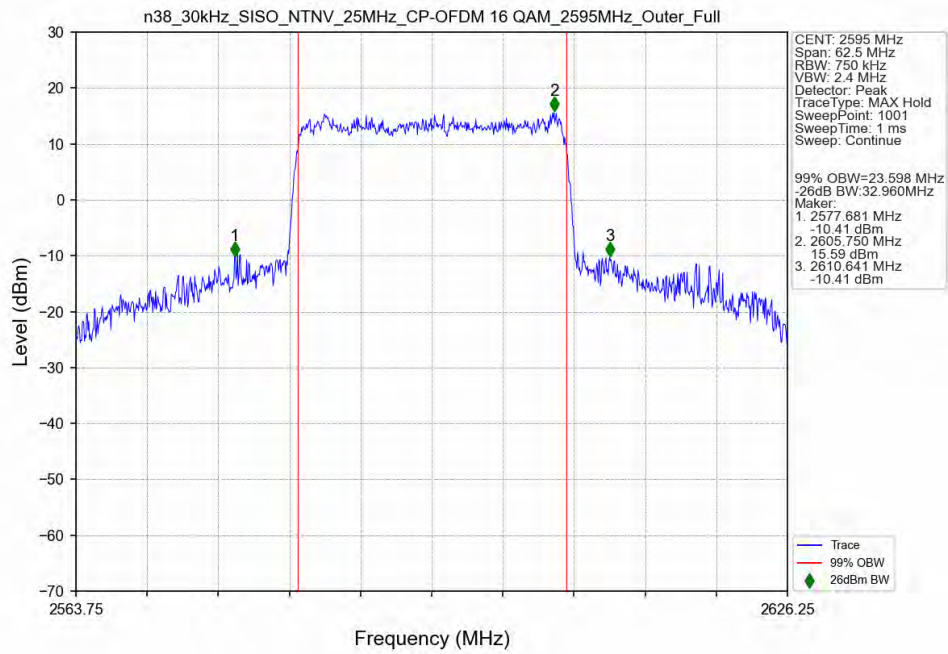
n38 30kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



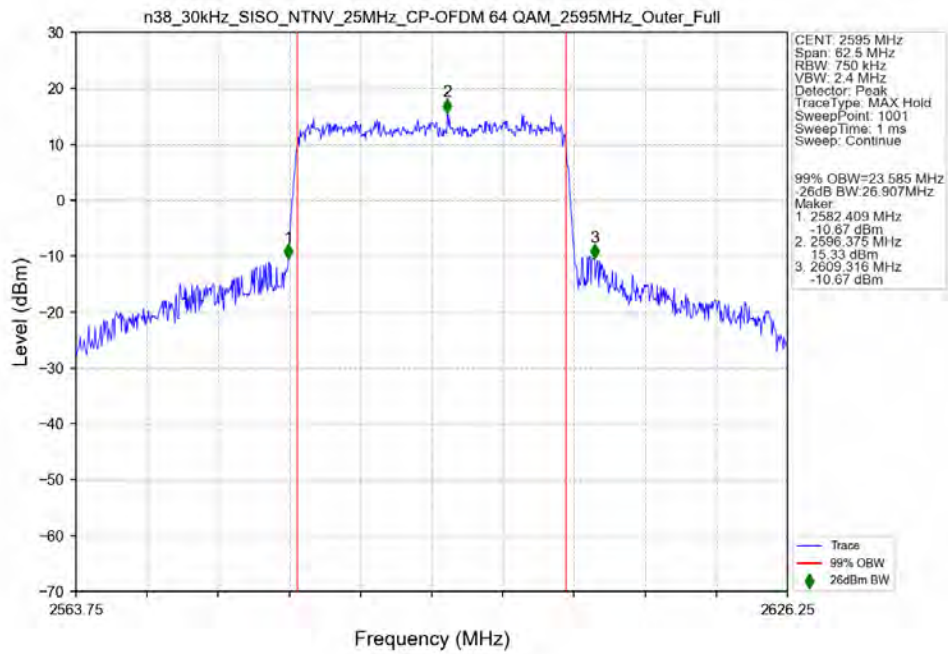
n38 30kHz SISO NTN 25MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



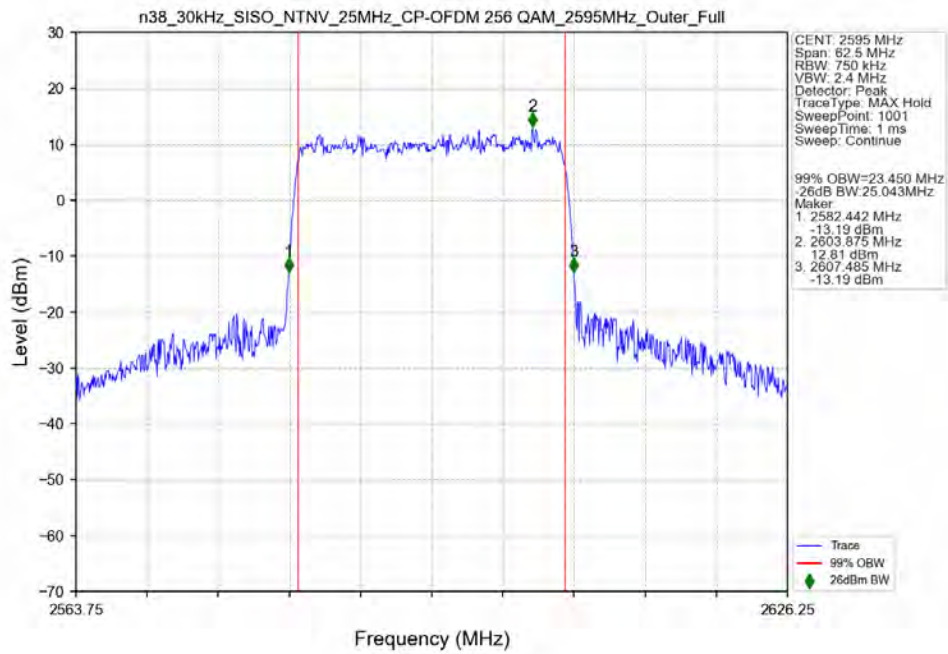
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



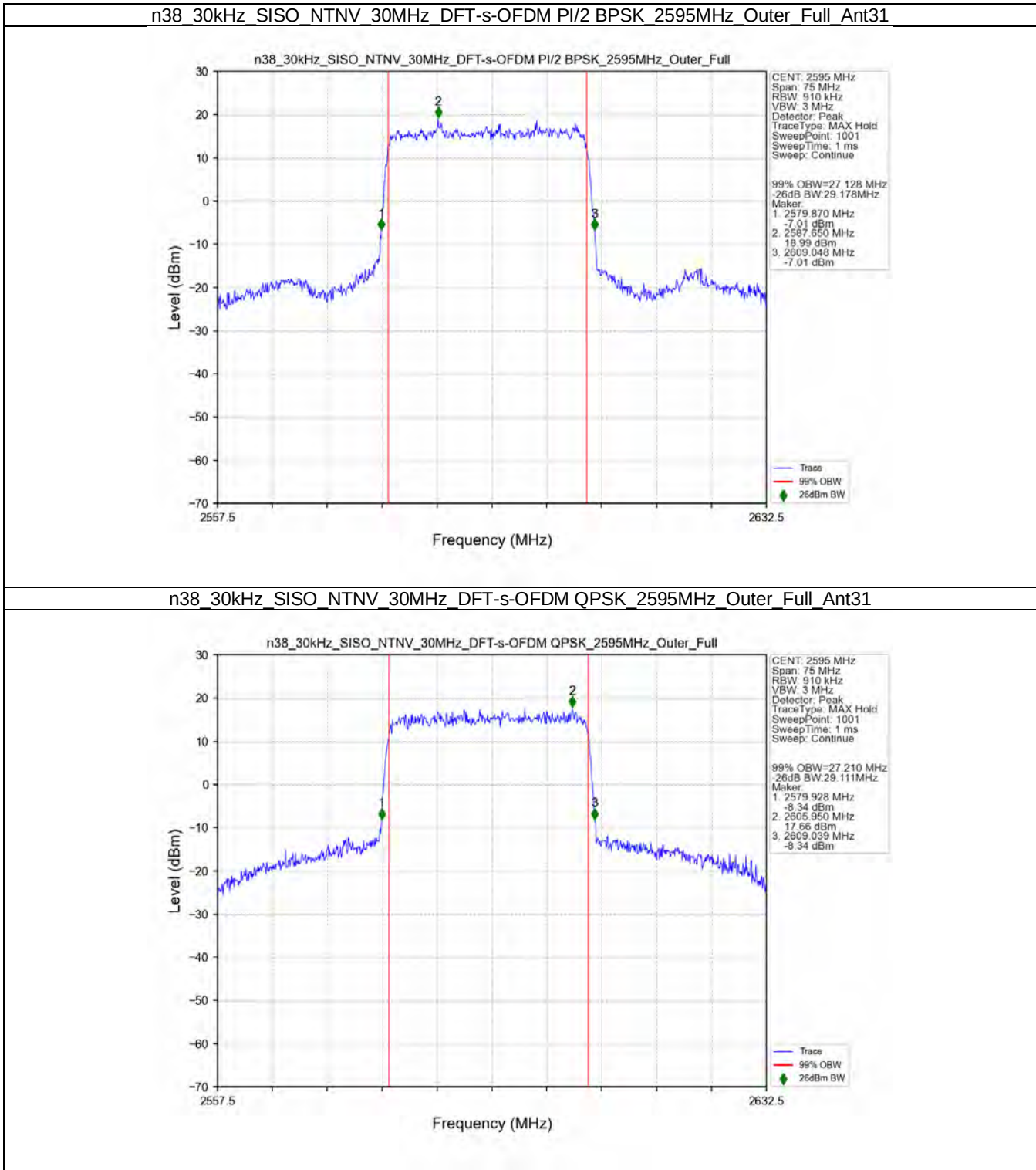
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



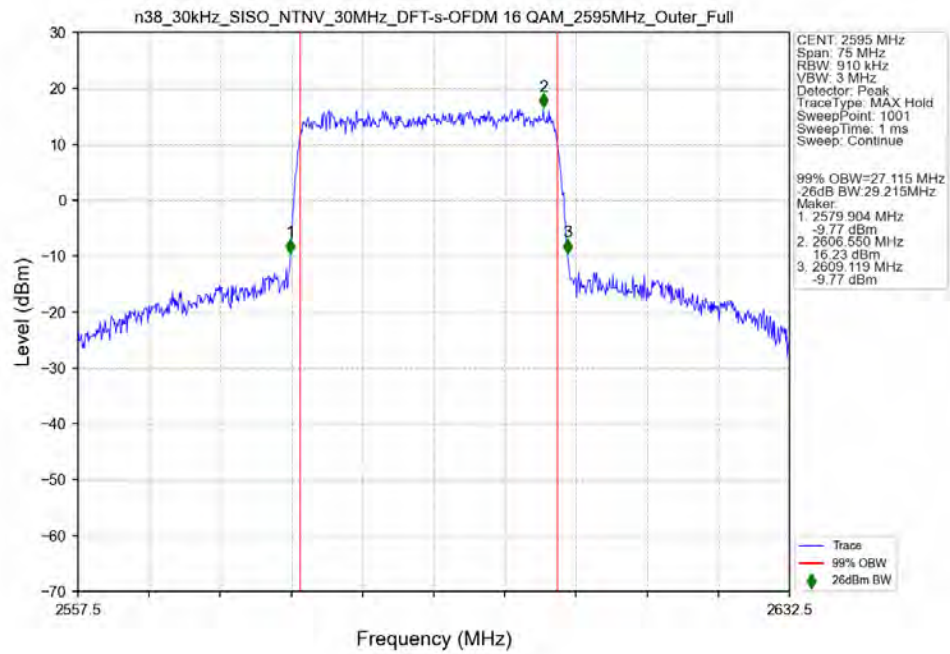
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



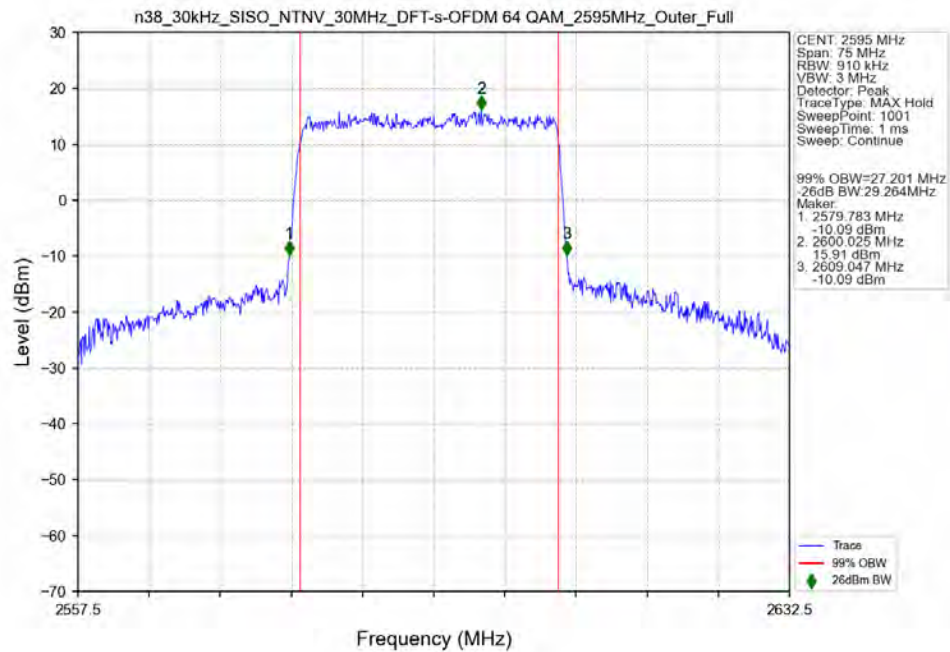
3.2.5 30k_SISO_30MHz_NTNV



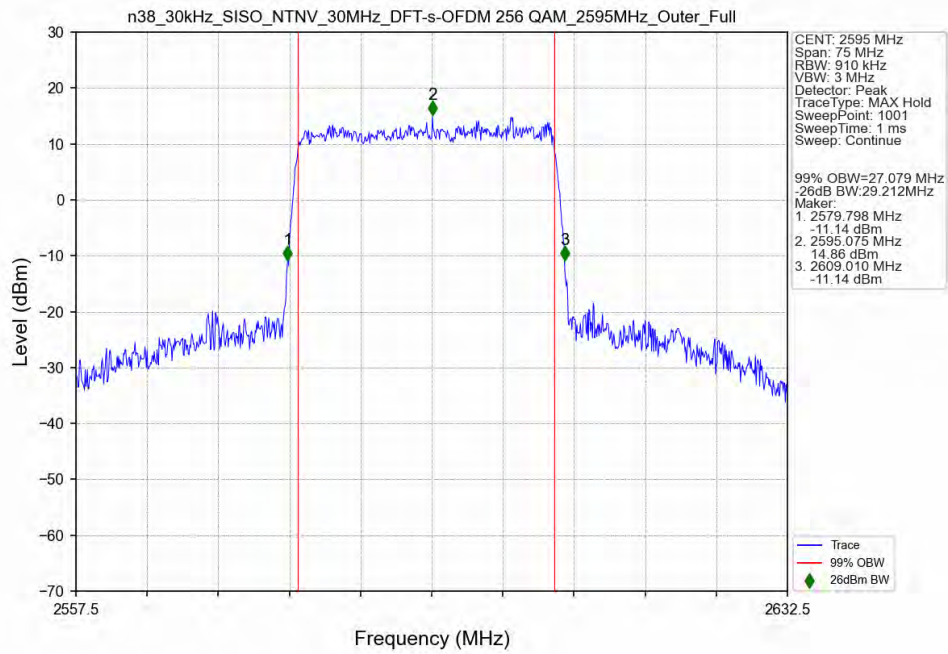
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



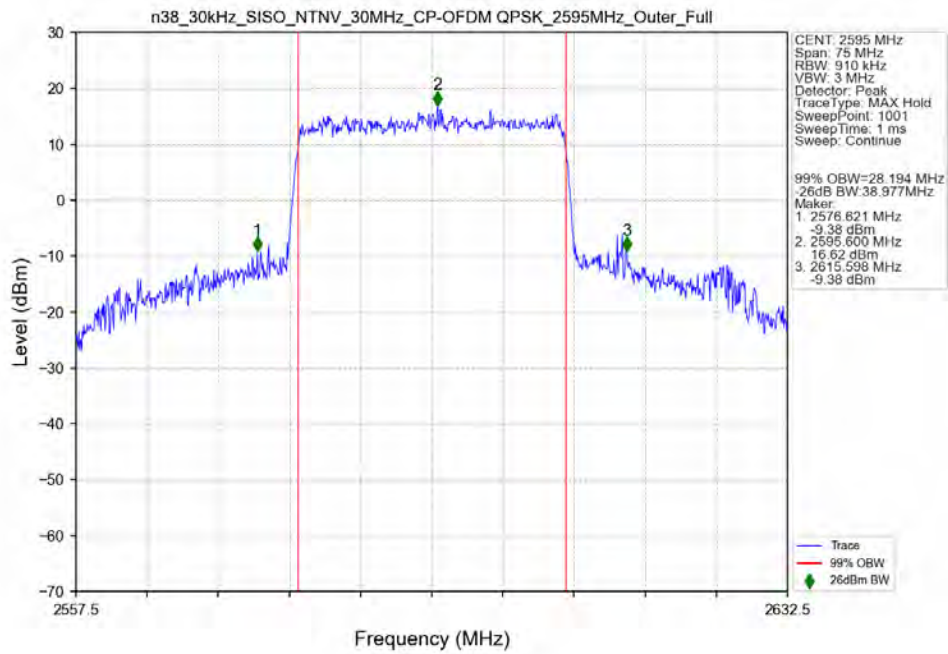
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



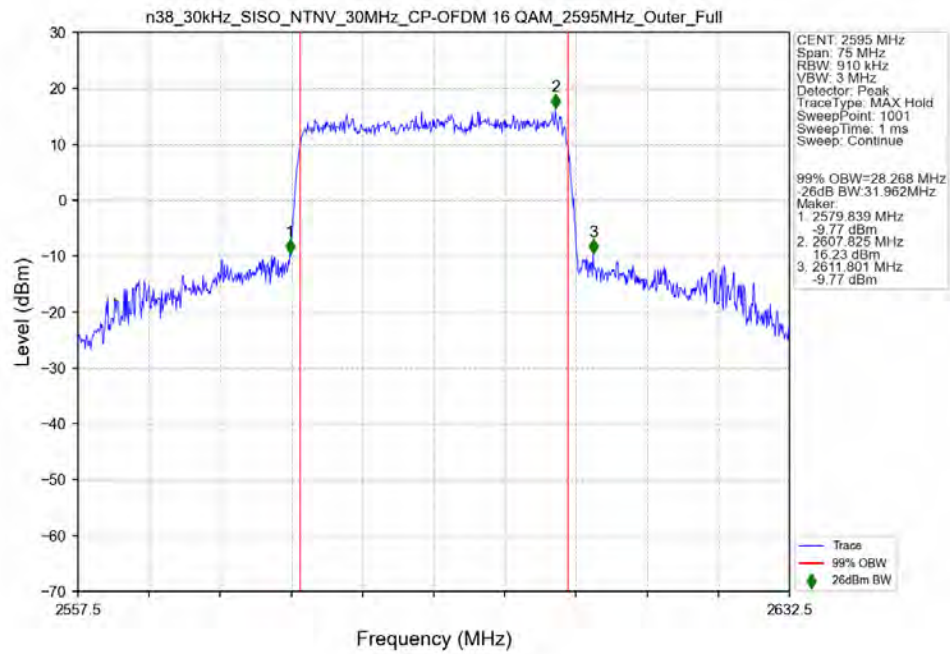
n38 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



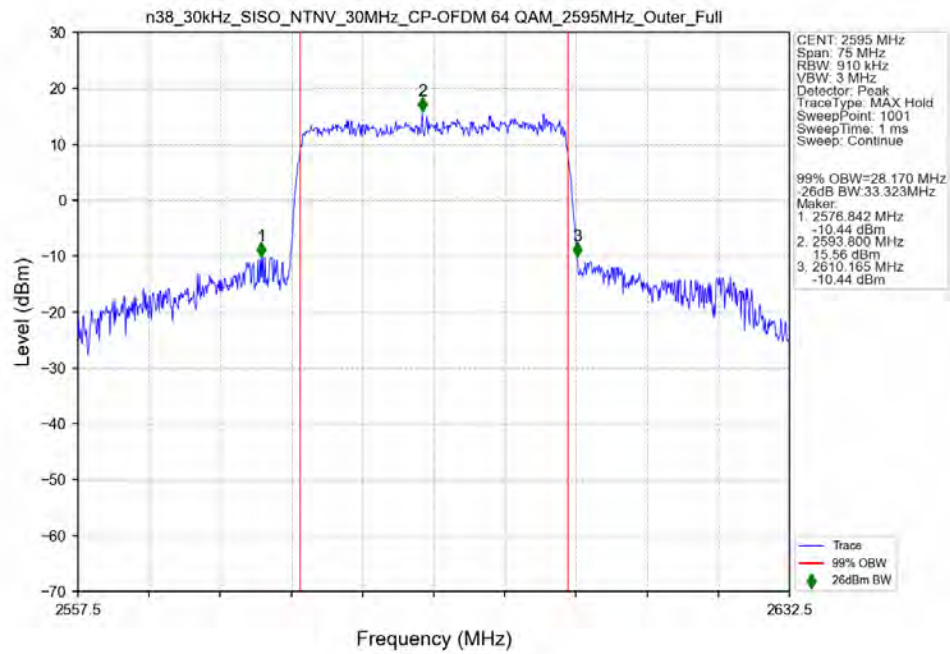
n38 30kHz SISO NTN 30MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



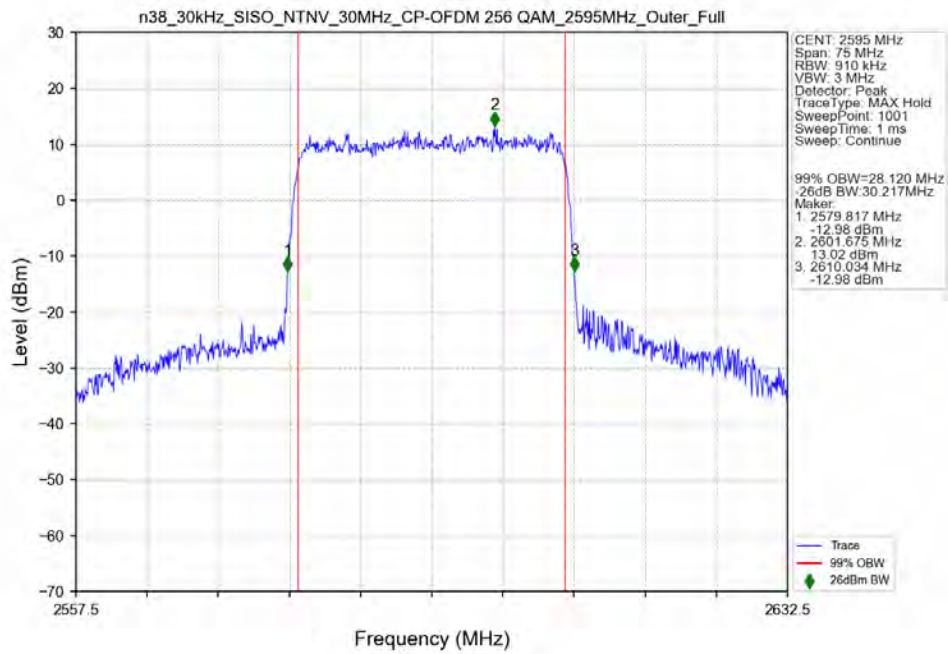
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



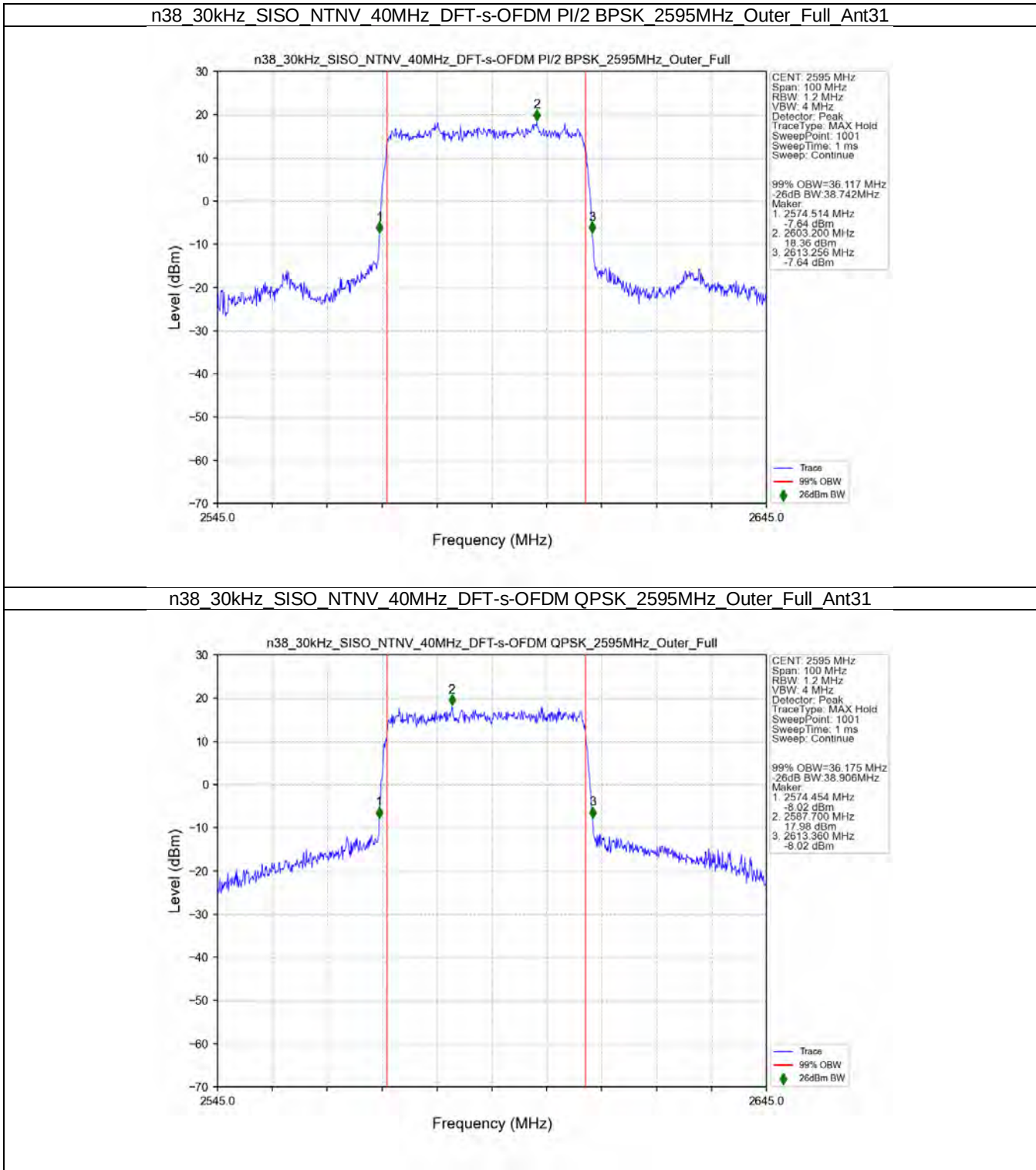
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



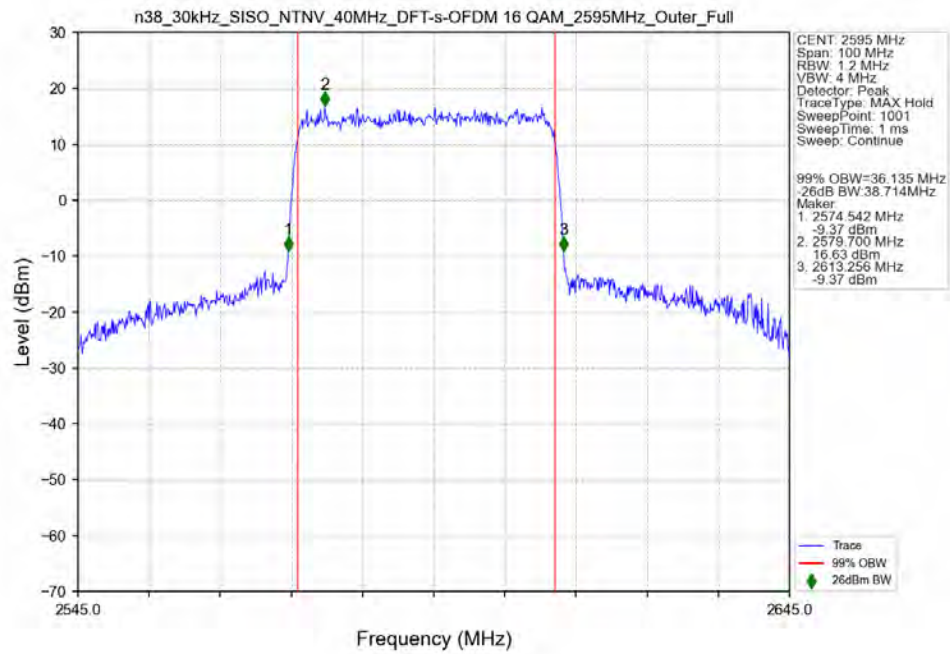
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant31



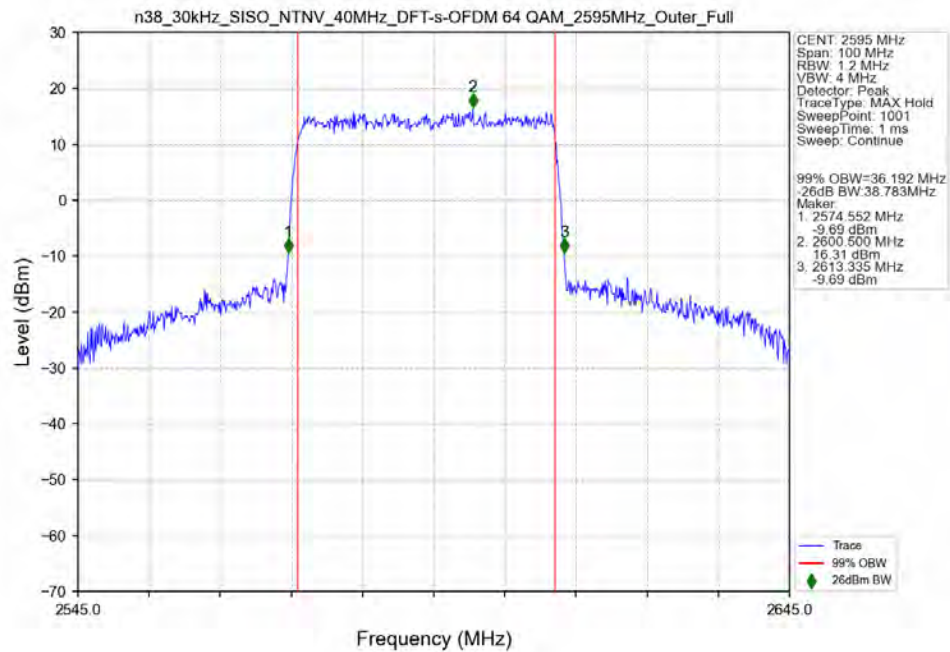
3.2.6 30k_SISO_40MHz_NTNV



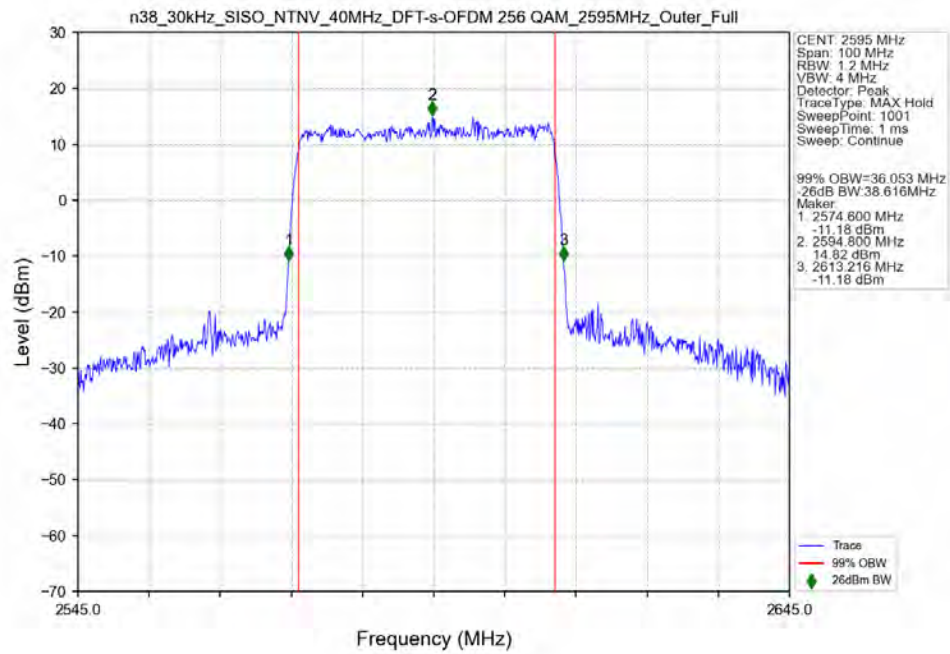
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



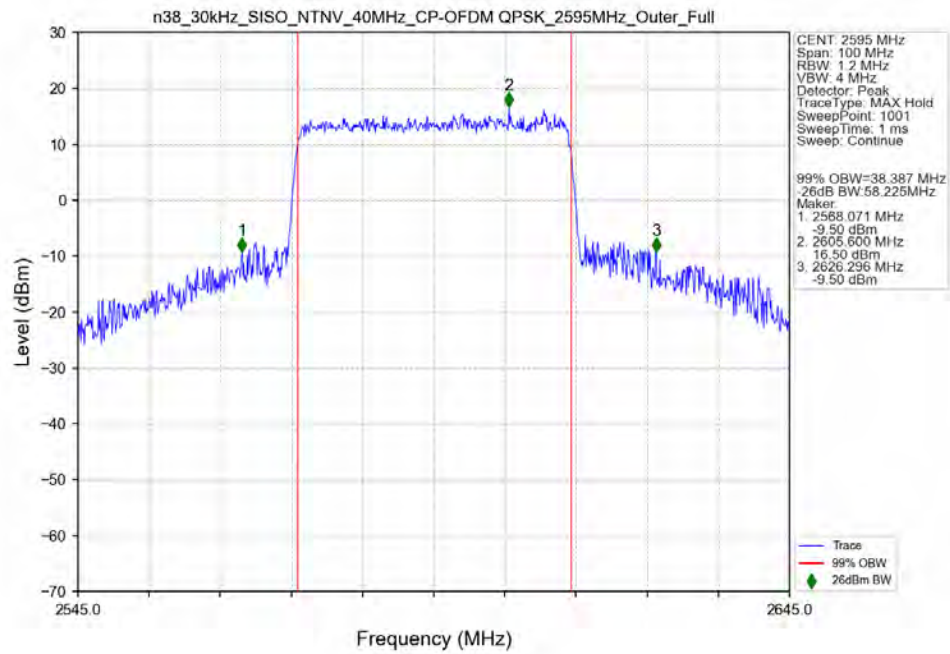
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM 2595MHz_Outer_Full_Ant31



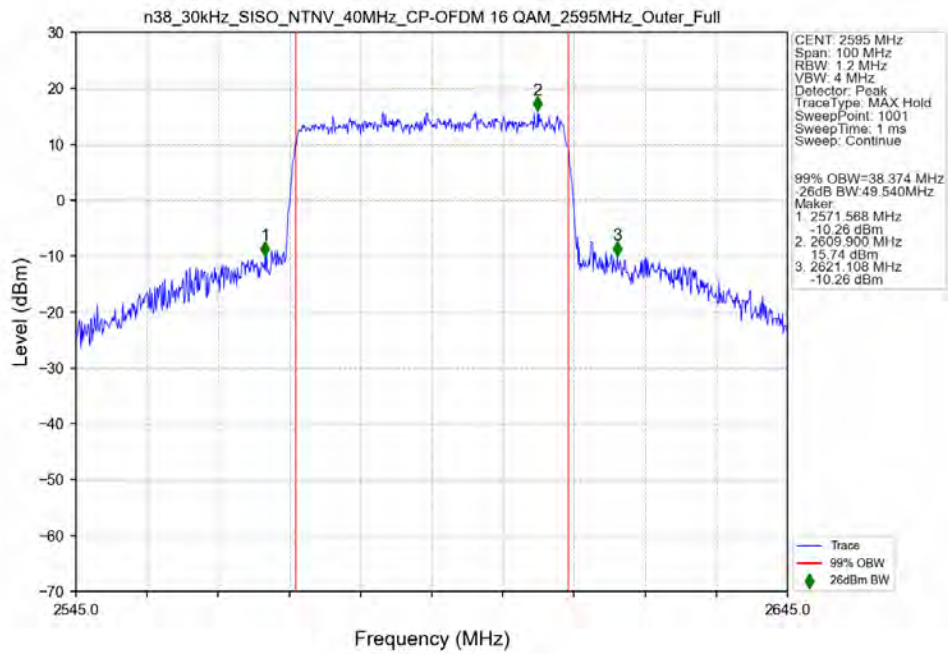
n38 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 2595MHz Outer Full Ant31



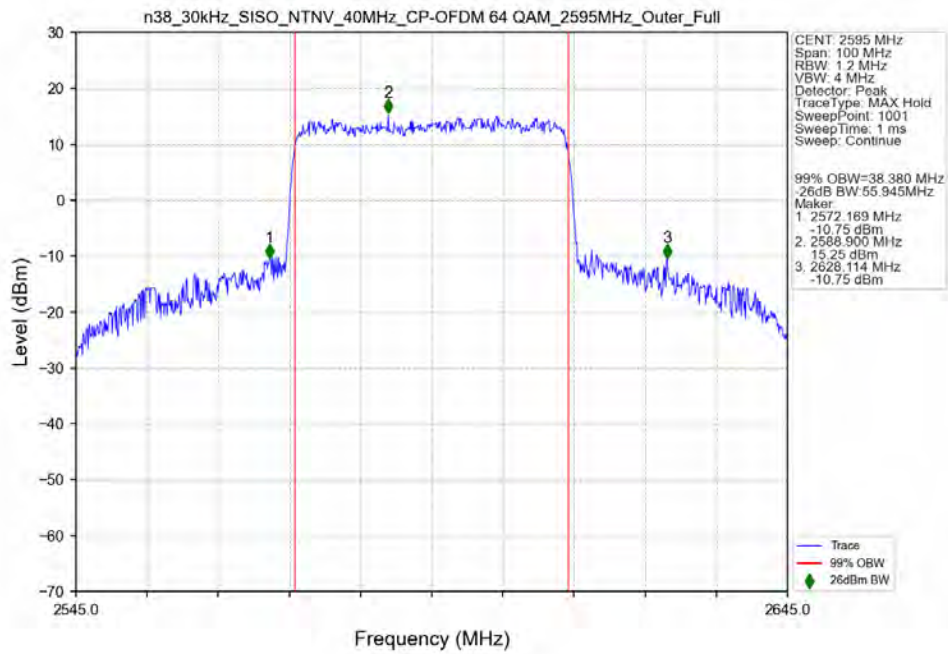
n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2595MHz Outer Full Ant31



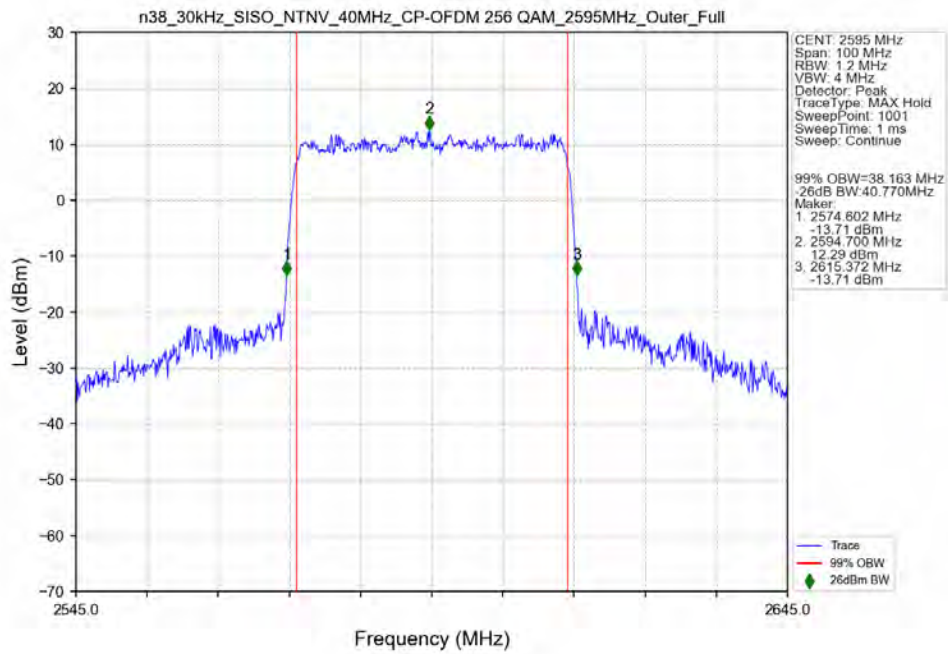
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 2595MHz_Outer_Full_Ant31



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

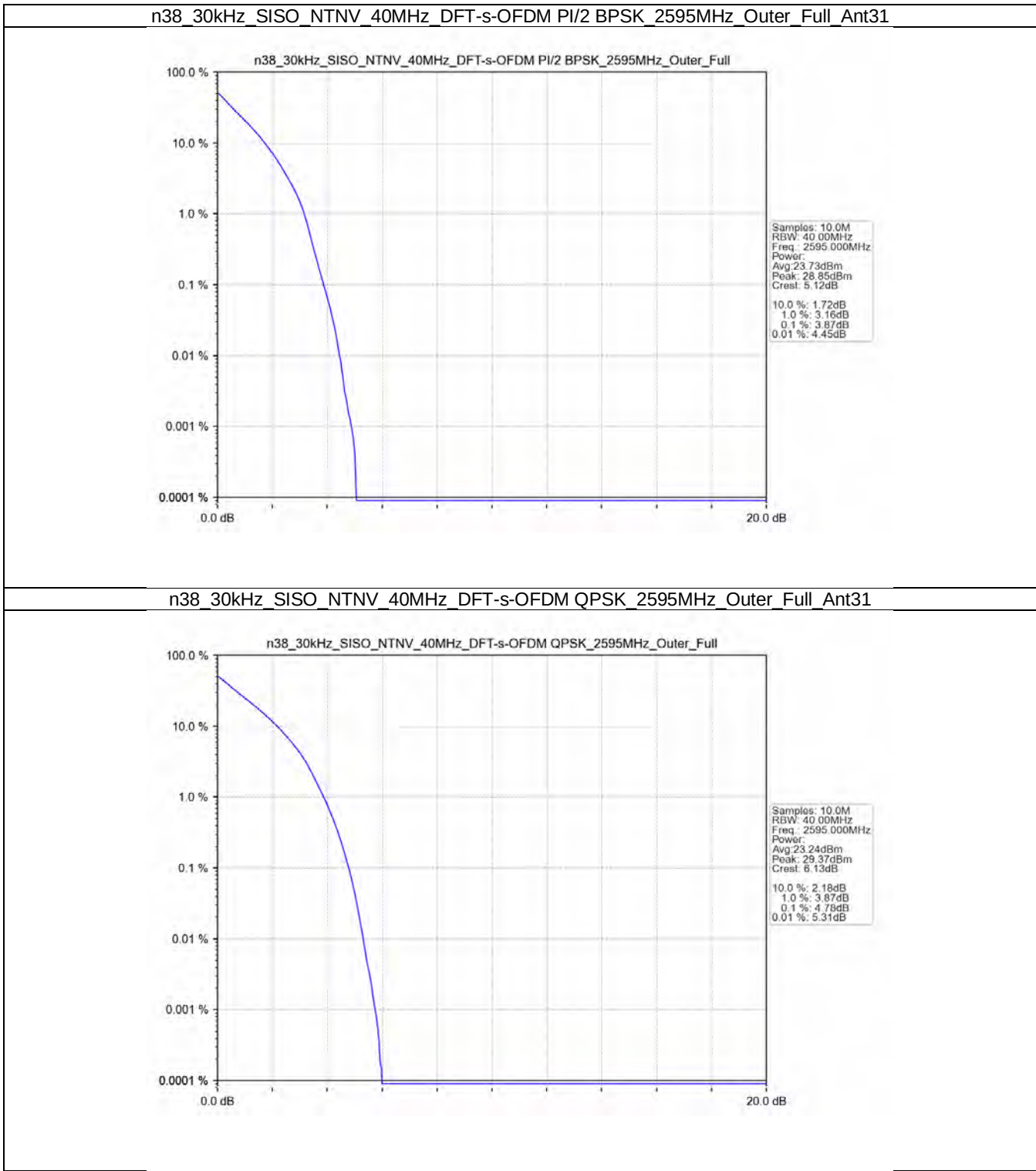
4.1 Test Result

4.1.1 30k_SISO_40MHz_NTNV

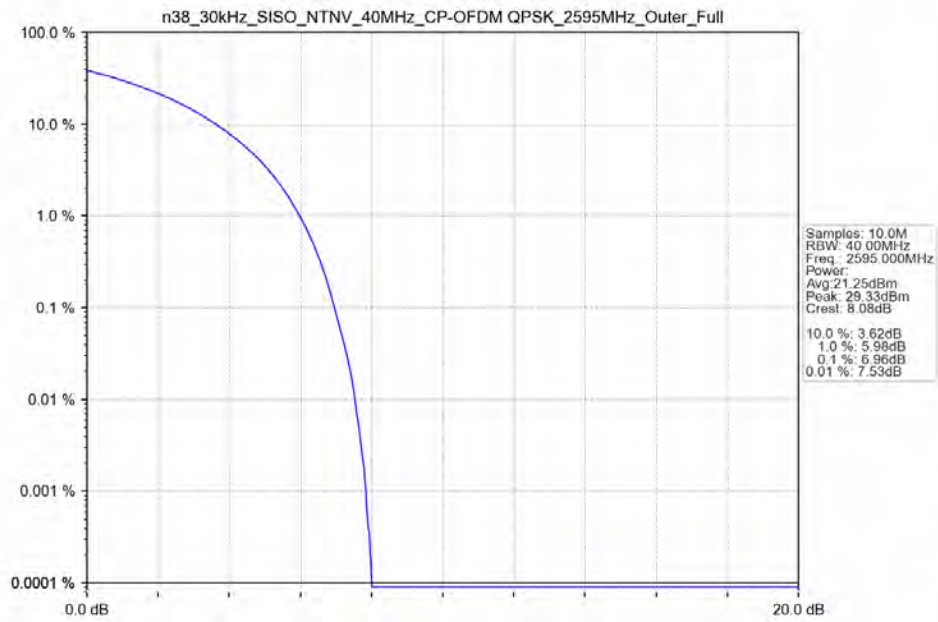
5G NR n38 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	3.87	/	/	<=13	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	4.78	/	/	<=13	Pass
CP-OFDM QPSK	2595	Outer_Full	6.96	/	/	<=13	Pass

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

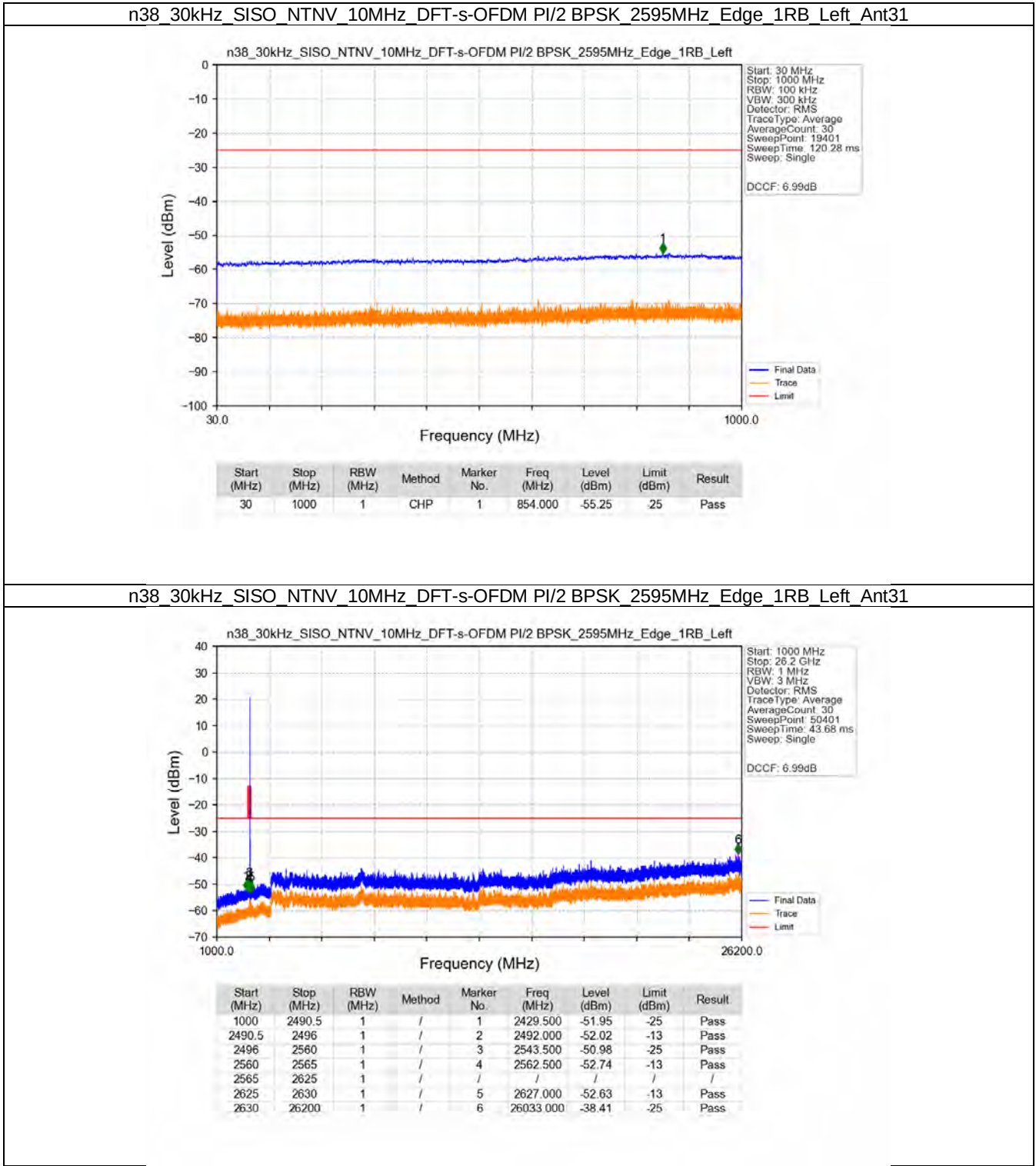
5.1.3 30k_SISO_40MHz_NTNV

5G NR n38 SCS=30kHz SISO 40MHz 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

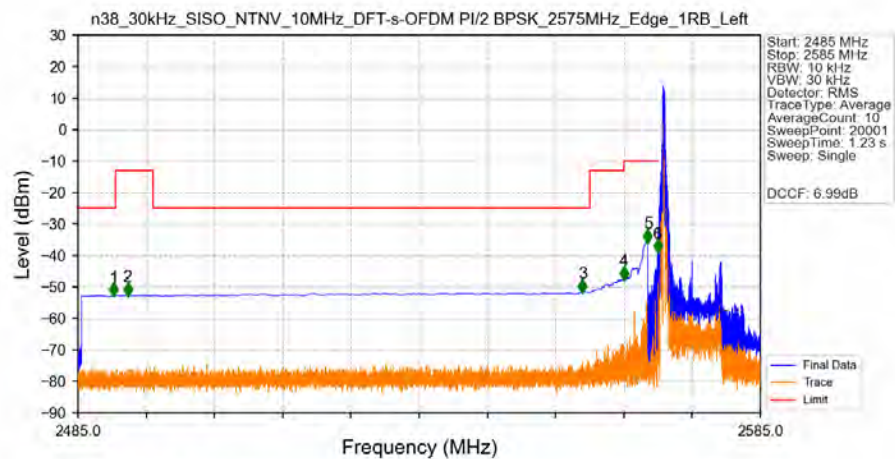
	2590	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2600	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	2595	Edge_1RB_Left	Refer To Test Graph	Pass
	2590	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph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

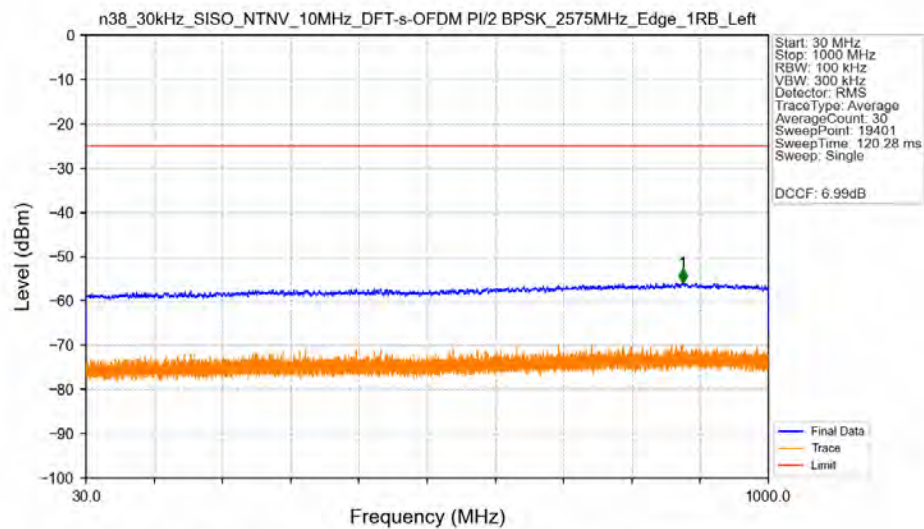


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left_Ant31



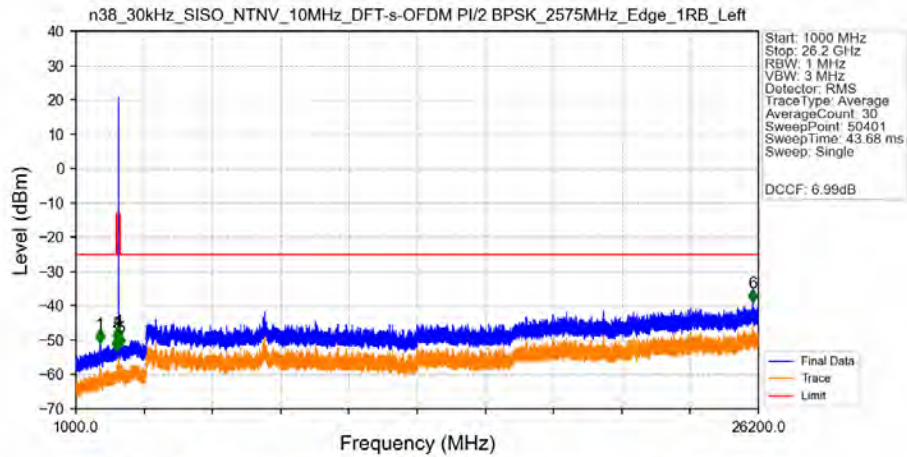
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.225	-52.62	-25	Pass
2490.5	2496	1	CHP	2	2492.275	-52.58	-13	Pass
2496	2560	1	CHP	3	2558.935	-51.55	-25	Pass
2560	2565	1	CHP	4	2564.985	-47.42	-13	Pass
2565	2569	1	CHP	5	2568.500	-35.66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



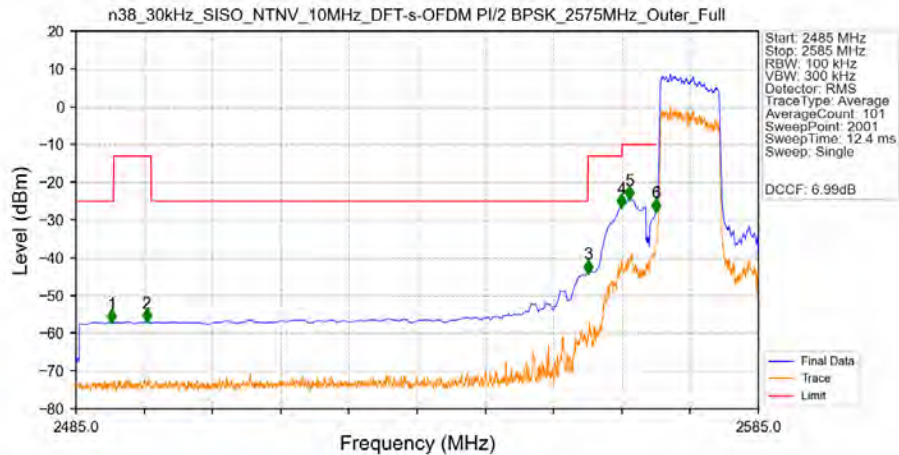
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	878.350	-55.83	25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left_Ant31



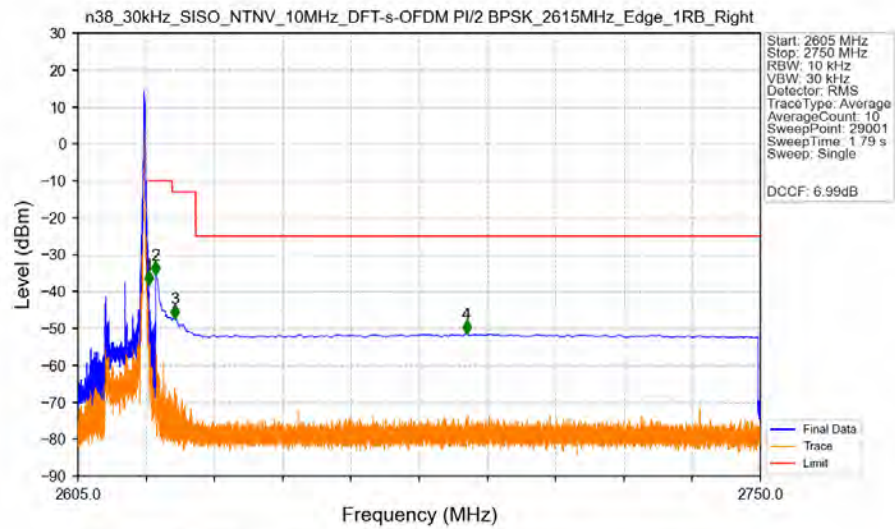
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	1883.000	-50.68	-25	Pass
2490.5	2496	1	/	2	2491.500	-52.60	-13	Pass
2496	2560	1	/	3	2523.000	-50.31	-25	Pass
2560	2565	1	/	4	2561.000	-49.68	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5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



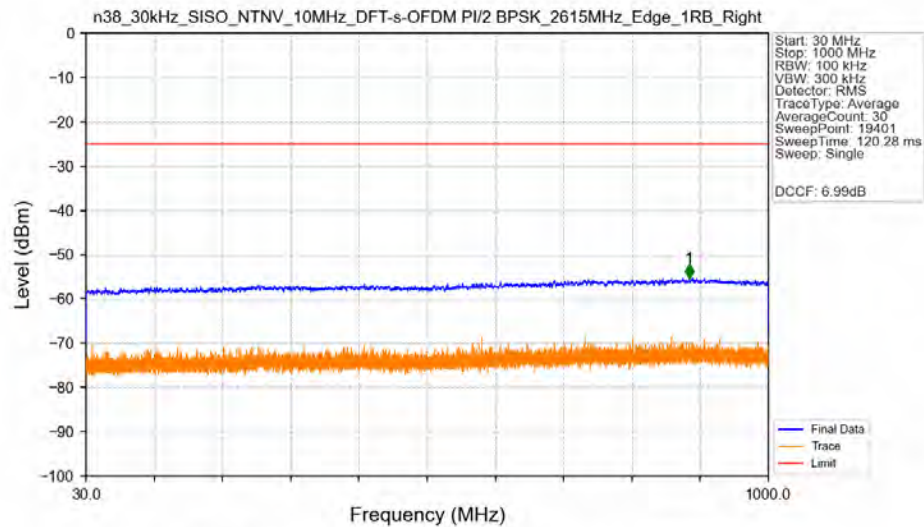
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.250	-57.08	-25	Pass
2490.5	2496	1	CHP	2	2495.350	-56.80	-13	Pass
2496	2560	1	CHP	3	2560.000	-43.90	-25	Pass
2560	2565	1	CHP	4	2564.950	-26.44	-13	Pass
2565	2569	1	CHP	5	2566.050	-24.31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



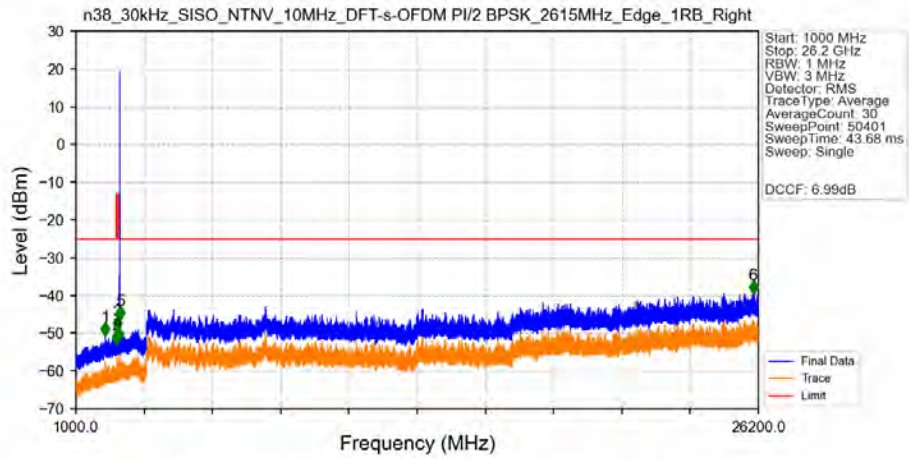
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-38.04	-10	Pass
2621	2625	1	CHP	2	2621.520	-35.42	-10	Pass
2625	2630	1	CHP	3	2625.495	-47.21	-13	Pass
2630	2750	1	CHP	4	2687.535	-51.45	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant31



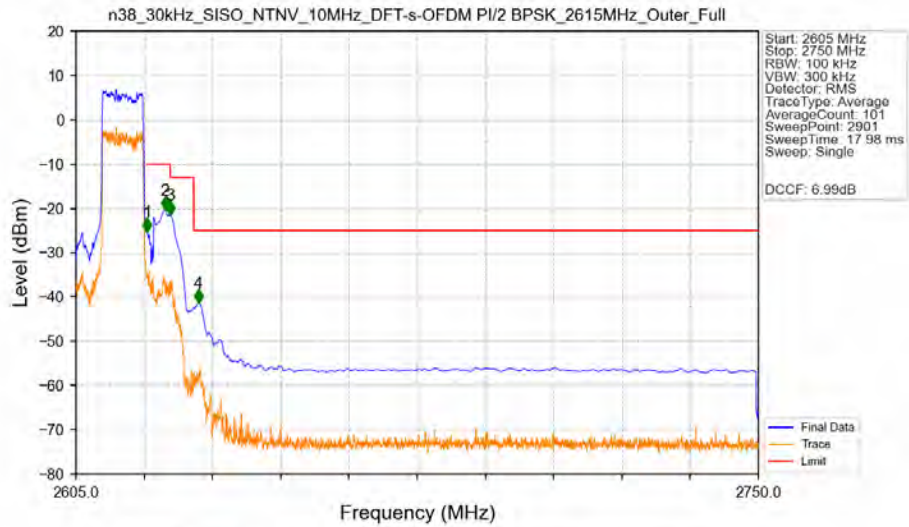
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	887.600	-55.29	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant31



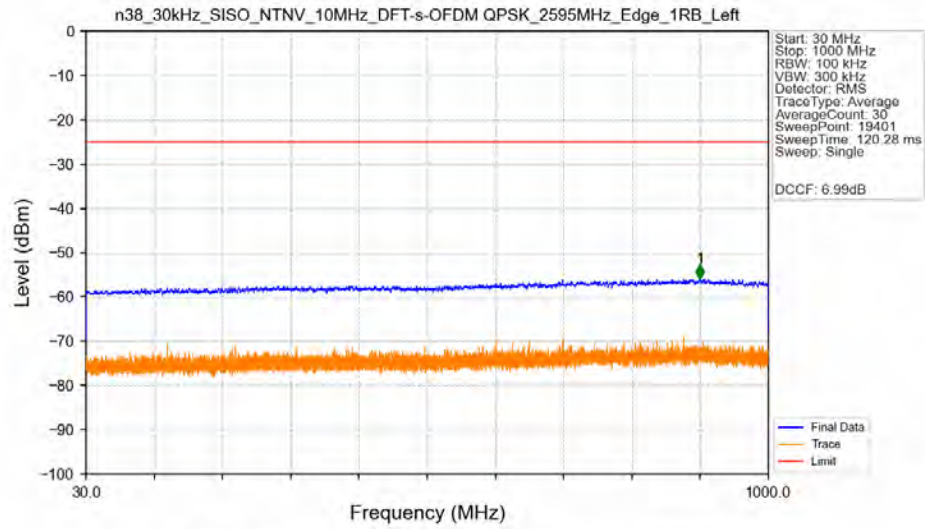
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2081.500	-50.46	-25	Pass
2490.5	2496	1	/	2	2495.500	-52.53	-13	Pass
2496	2560	1	/	3	2515.500	-48.90	-25	Pass
2560	2565	1	/	4	2564.500	-51.80	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5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

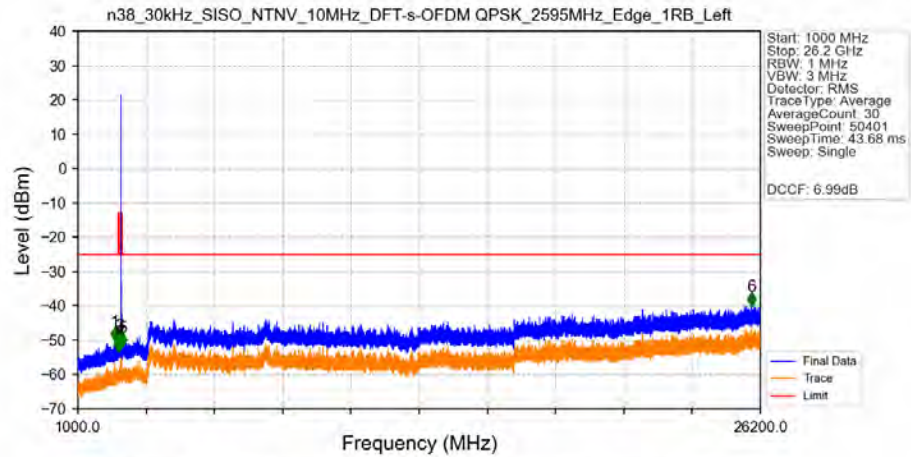


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.191	CHP	/	/	/	/	/
2620	2621	0.191	CHP	1	2620.100	-25.37	-10	Pass
2621	2625	1	CHP	2	2623.950	-20.45	-10	Pass
2625	2630	1	CHP	3	2625.050	-21.56	-13	Pass
2630	2750	1	CHP	4	2631.000	-41.26	-25	Pass

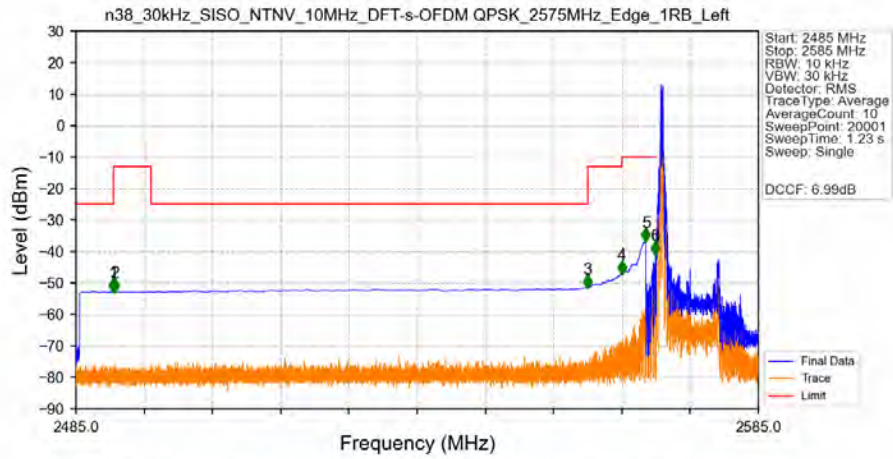
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

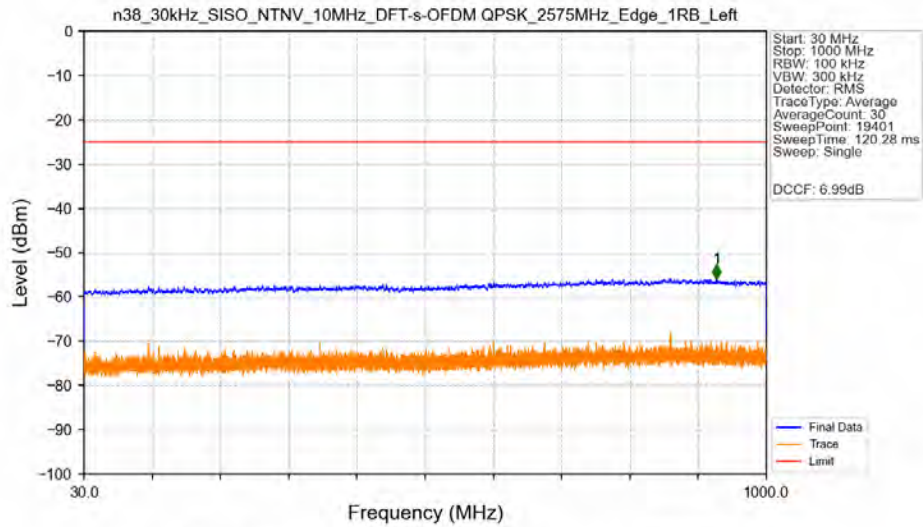


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31



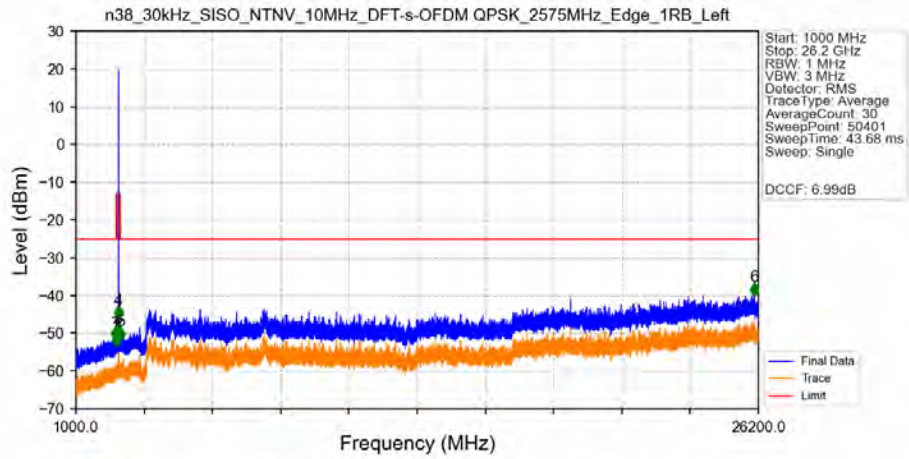
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-52.58	-25	Pass
2490.5	2496	1	CHP	2	2490.655	-52.57	-13	Pass
2496	2560	1	CHP	3	2559.990	-51.47	-25	Pass
2560	2565	1	CHP	4	2564.990	-46.95	-13	Pass
2565	2569	1	CHP	5	2568.500	-36.61	-10	Pass
2569	2570	0.02	CHP	6	2569.910	-40.77	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31



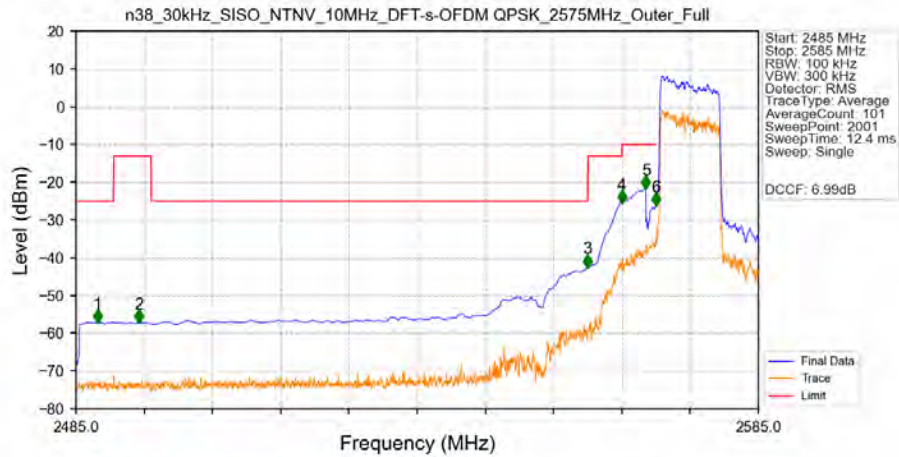
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	929.000	-55.79	25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31



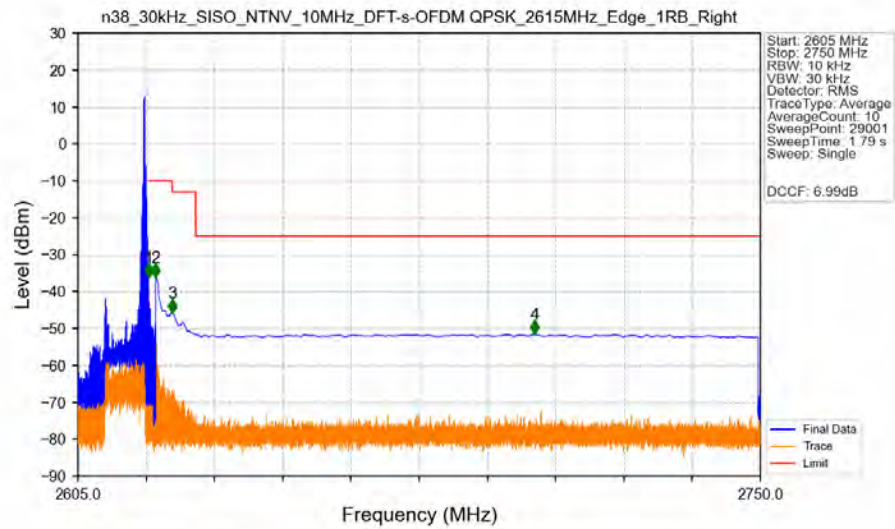
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2446.500	-51.54	-25	Pass
2490.5	2496	1	/	2	2494.000	-53.10	-13	Pass
2496	2560	1	/	3	2549.000	-50.80	-25	Pass
2560	2565	1	/	4	2564.000	-45.95	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5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



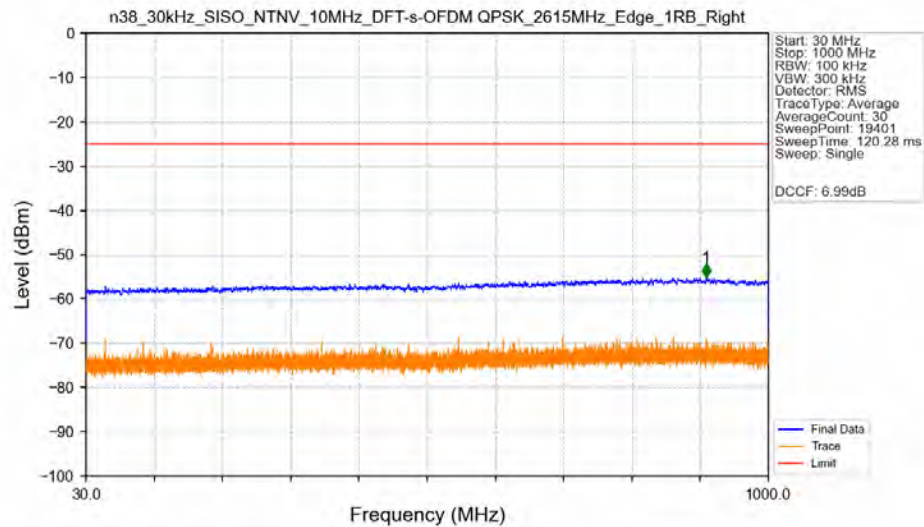
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.150	-57.00	-25	Pass
2490.5	2496	1	CHP	2	2494.250	-57.08	-13	Pass
2496	2560	1	CHP	3	2559.950	-42.40	-25	Pass
2560	2565	1	CHP	4	2565.000	-25.37	-13	Pass
2565	2569	1	CHP	5	2568.500	-21.57	-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
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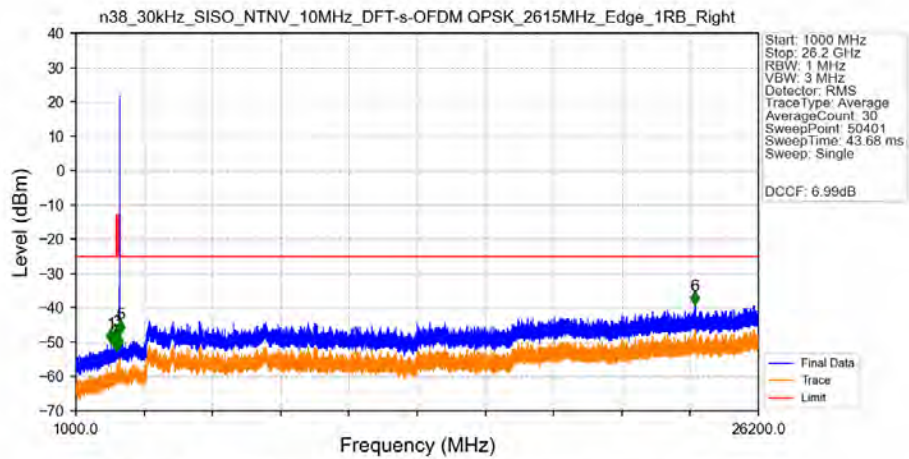
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-36.26	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.20	-10	Pass
2625	2630	1	CHP	3	2625.035	-45.85	-13	Pass
2630	2750	1	CHP	4	2702.060	-51.55	-25	Pass

n38	30kHz	SISO	NTNV	10MHz	DFT-s-OFDM	QPSK	2615MHz	Edge	1RB	Right	Ant31
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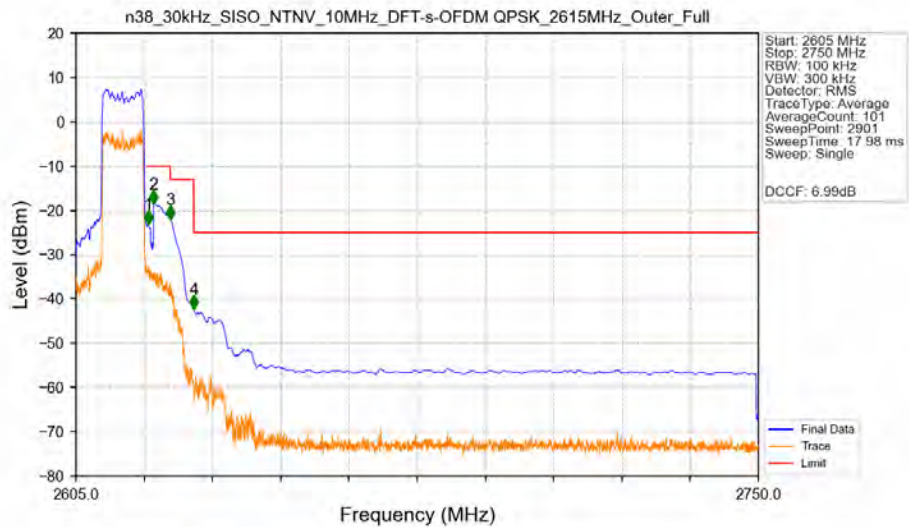
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	911.750	-55.13	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31



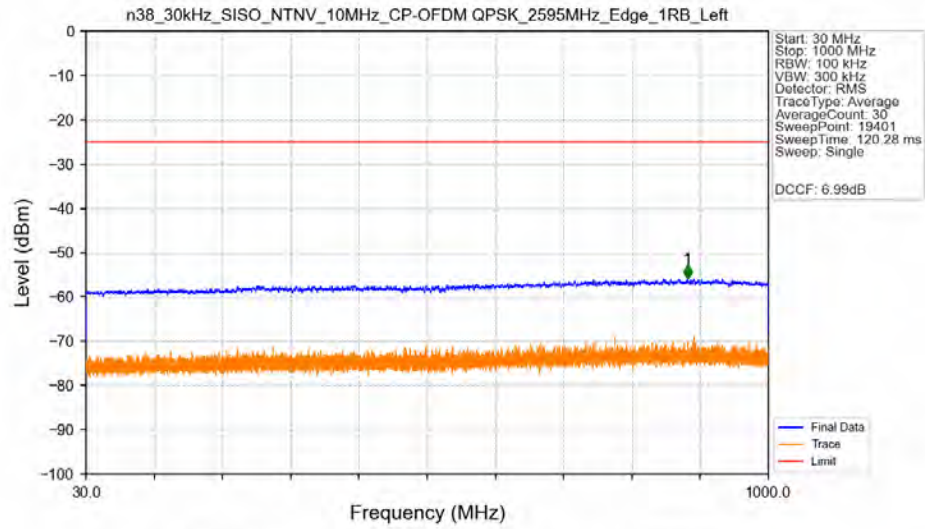
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2293.500	-49.86	-25	Pass
2490.5	2496	1	/	2	2494.000	-52.13	-13	Pass
2496	2560	1	/	3	2515.000	-49.19	-25	Pass
2560	2565	1	/	4	2564.000	-51.55	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5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

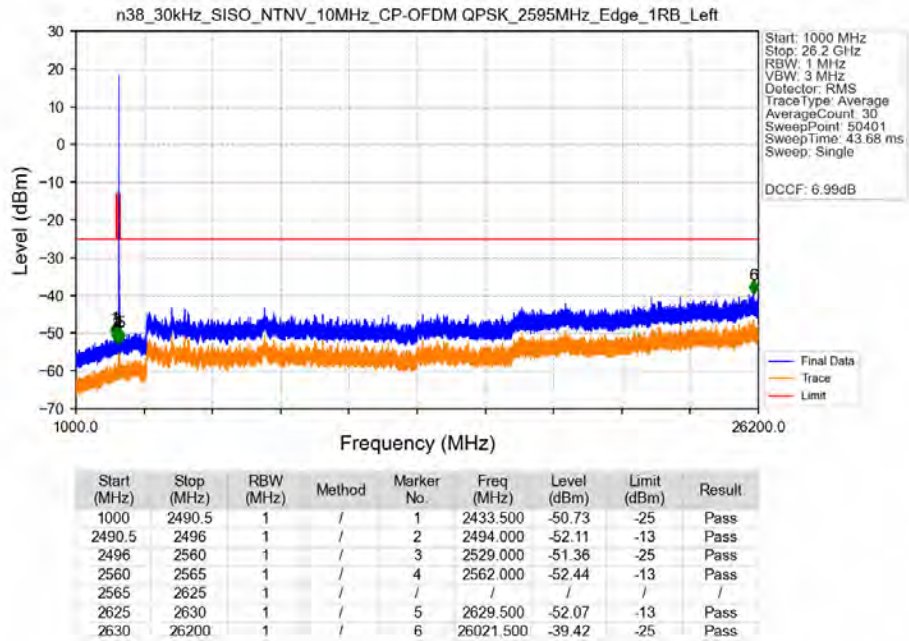


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.242	CHP	/	/	/	/	/
2620	2621	0.242	CHP	1	2620.350	-23.06	-10	Pass
2621	2625	1	CHP	2	2621.500	-18.52	-10	Pass
2625	2630	1	CHP	3	2625.050	-21.98	-13	Pass
2630	2750	1	CHP	4	2630.050	-42.30	-25	Pass

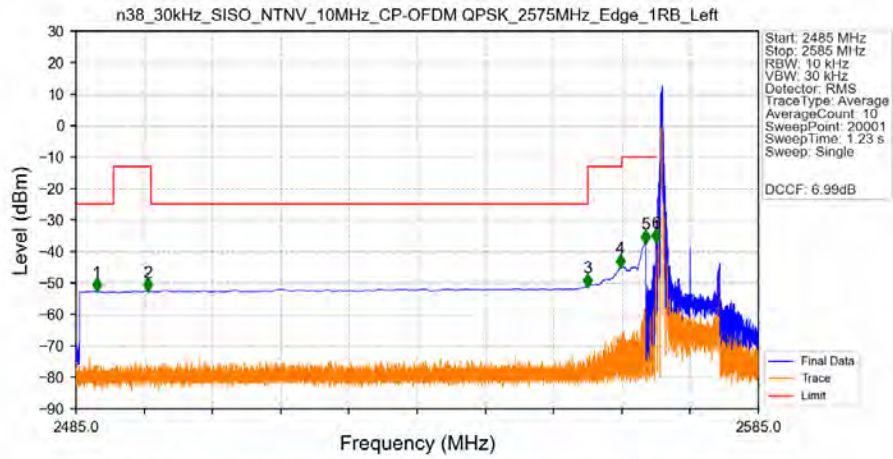
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

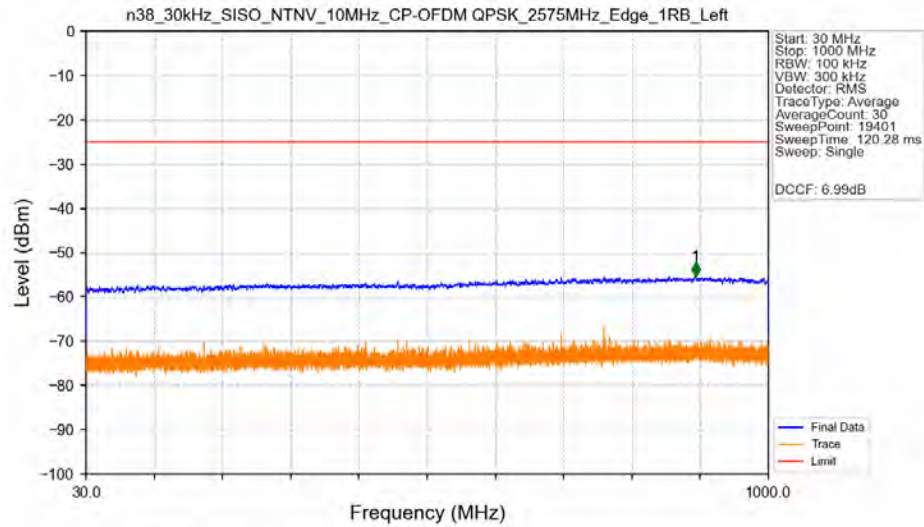


n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant31



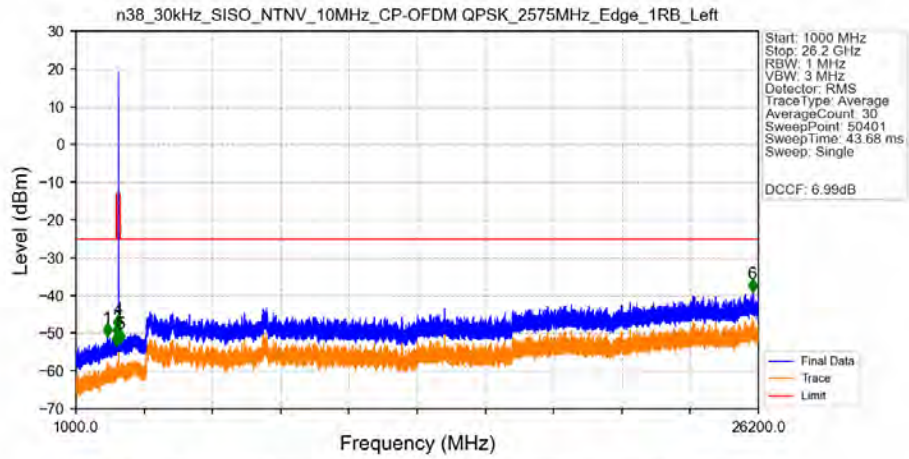
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.020	-52.52	-25	Pass
2490.5	2496	1	CHP	2	2495.495	-52.53	-13	Pass
2496	2560	1	CHP	3	2559.920	-51.03	-25	Pass
2560	2565	1	CHP	4	2564.780	-44.87	-13	Pass
2565	2569	1	CHP	5	2568.440	-37.20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



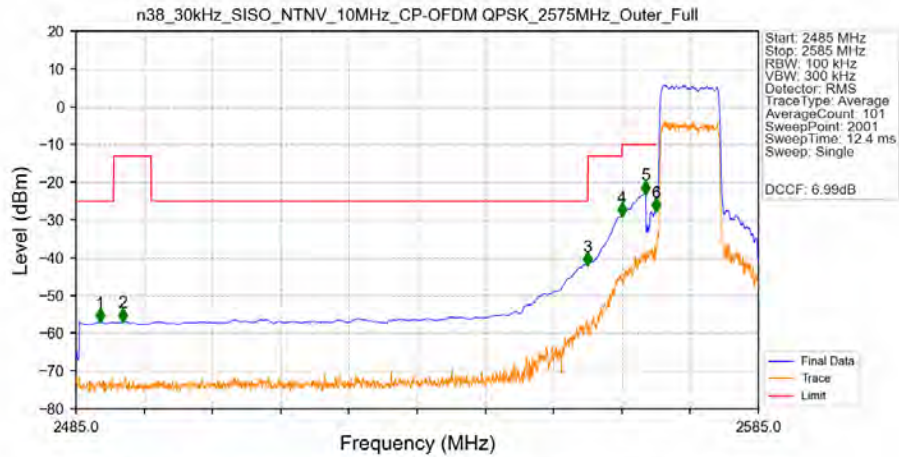
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	896.300	-55.34	25	Pass

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



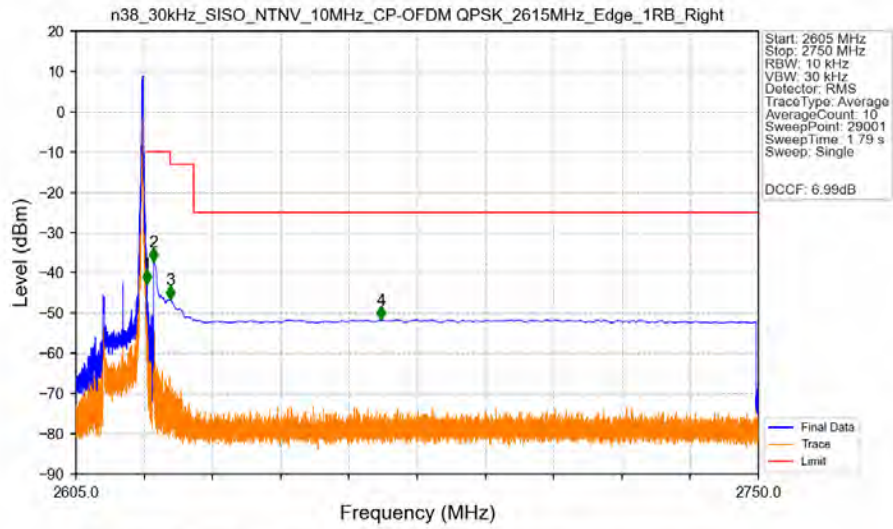
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2154.000	-50.70	-25	Pass
2490.5	2496	1	/	2	2491.000	-53.03	-13	Pass
2496	2560	1	/	3	2522.500	-50.67	-25	Pass
2560	2565	1	/	4	2562.000	-48.44	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5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



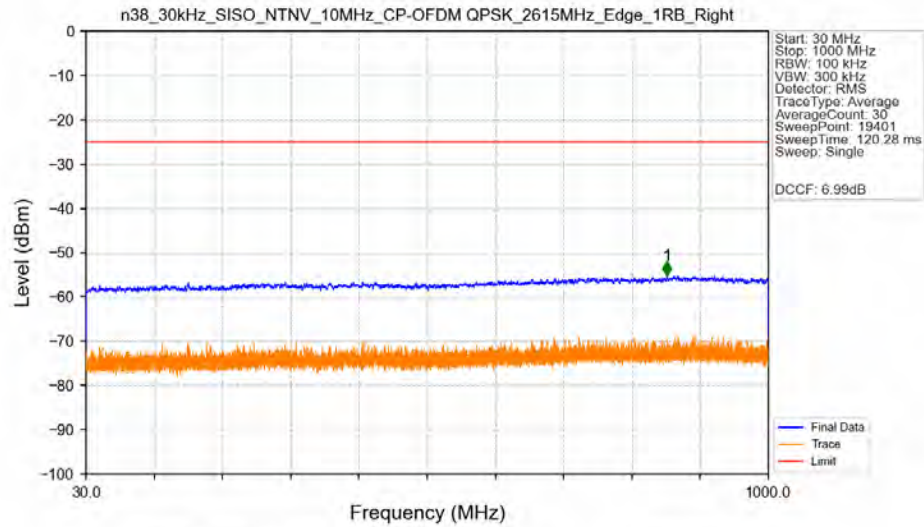
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.550	-56.88	-25	Pass
2490.5	2496	1	CHP	2	2491.850	-56.75	-13	Pass
2496	2560	1	CHP	3	2559.950	-41.81	-25	Pass
2560	2565	1	CHP	4	2565.000	-28.77	-13	Pass
2565	2569	1	CHP	5	2568.400	-22.98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



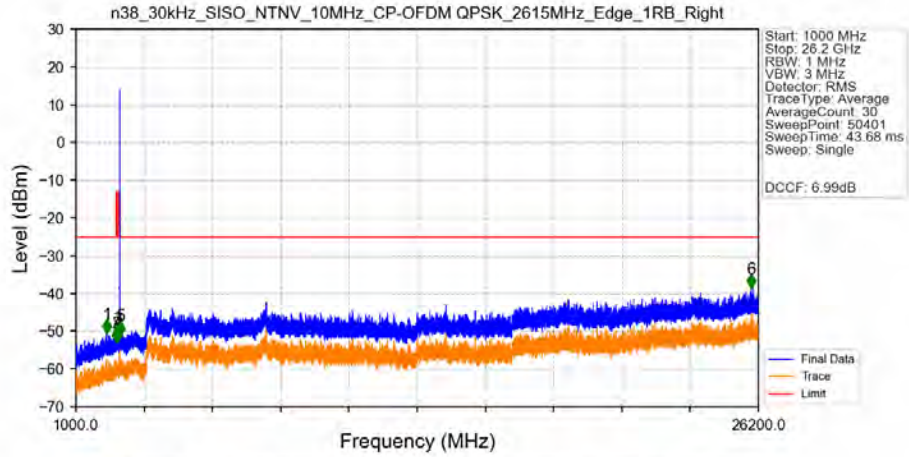
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.090	-42.62	-10	Pass
2621	2625	1	CHP	2	2621.500	-37.22	-10	Pass
2625	2630	1	CHP	3	2625.005	-46.68	-13	Pass
2630	2750	1	CHP	4	2669.870	-51.62	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31



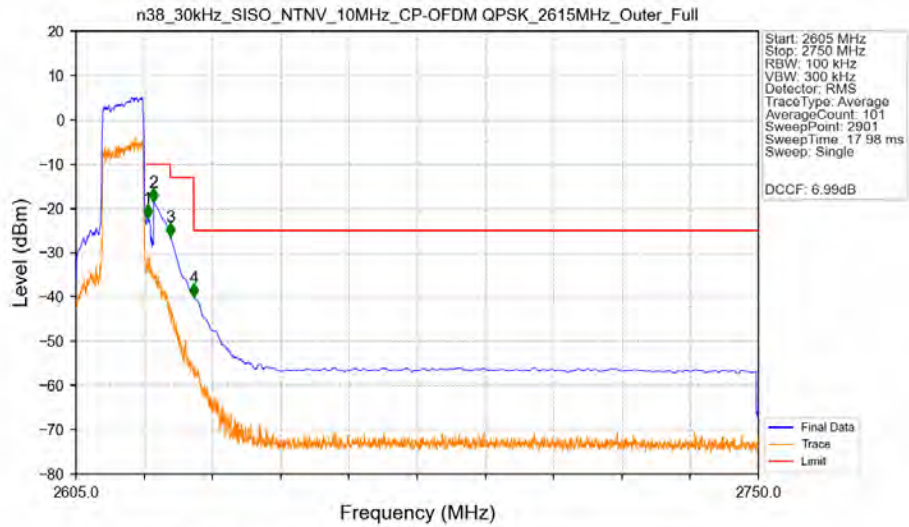
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	856.050	-55.13	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant31



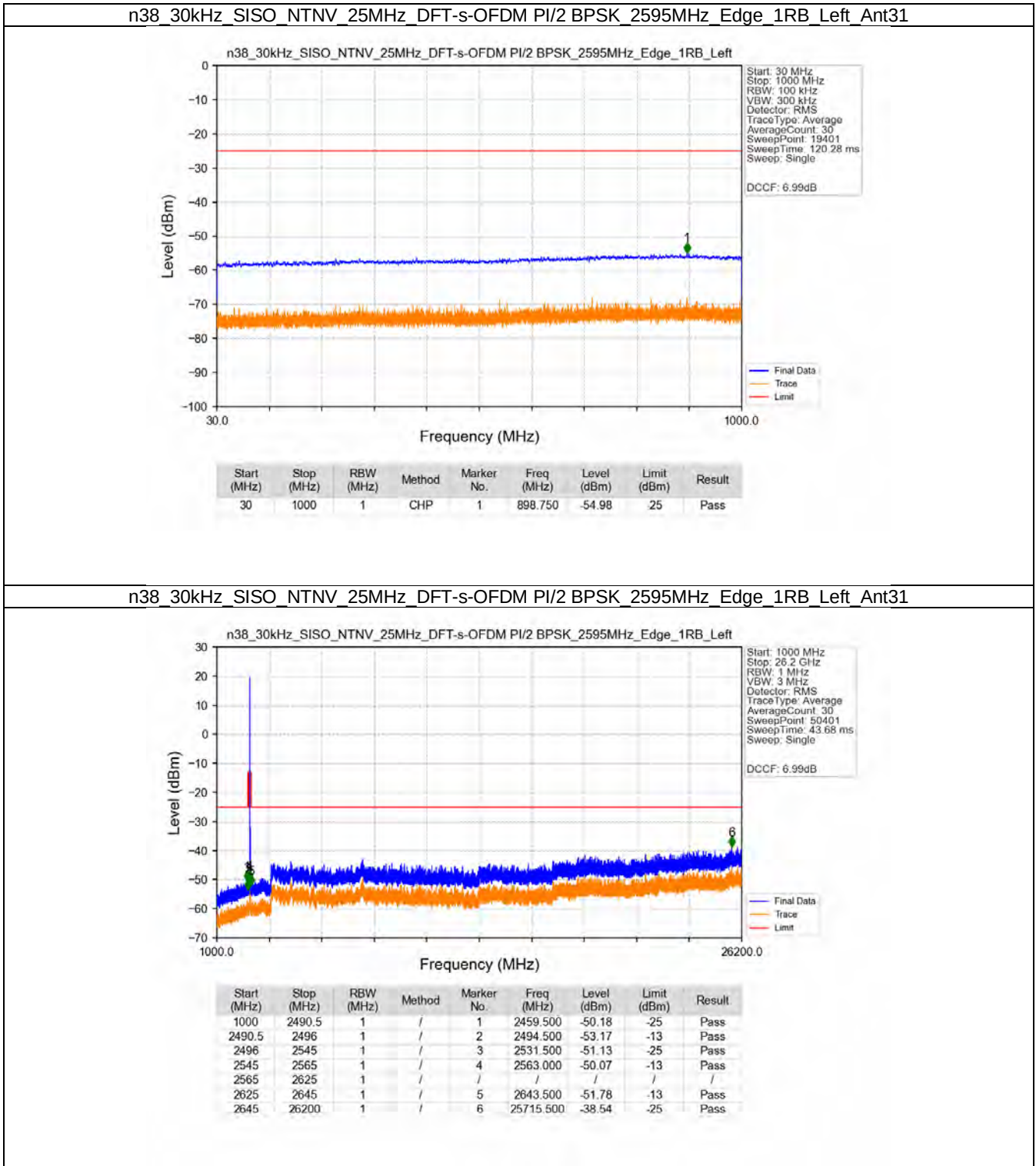
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2135.000	-50.32	-25	Pass
2490.5	2496	1	/	2	2494.000	-52.67	-13	Pass
2496	2560	1	/	3	2539.500	-51.44	-25	Pass
2560	2565	1	/	4	2561.500	-52.41	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5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

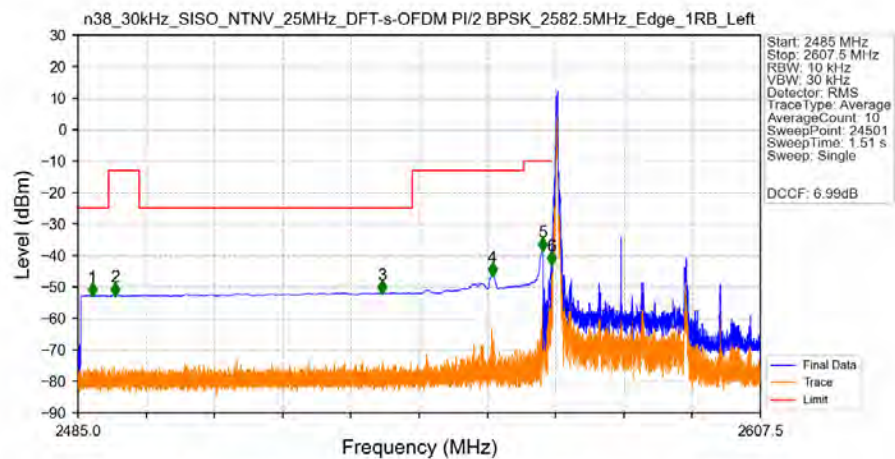


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.242	CHP	/	/	/	/	/
2620	2621	0.242	CHP	1	2620.250	-22.18	-10	Pass
2621	2625	1	CHP	2	2621.500	-18.49	-10	Pass
2625	2630	1	CHP	3	2625.050	-26.34	-13	Pass
2630	2750	1	CHP	4	2630.050	-39.97	-25	Pass

5.2.2 30k_SISO_25MHz_NTNV

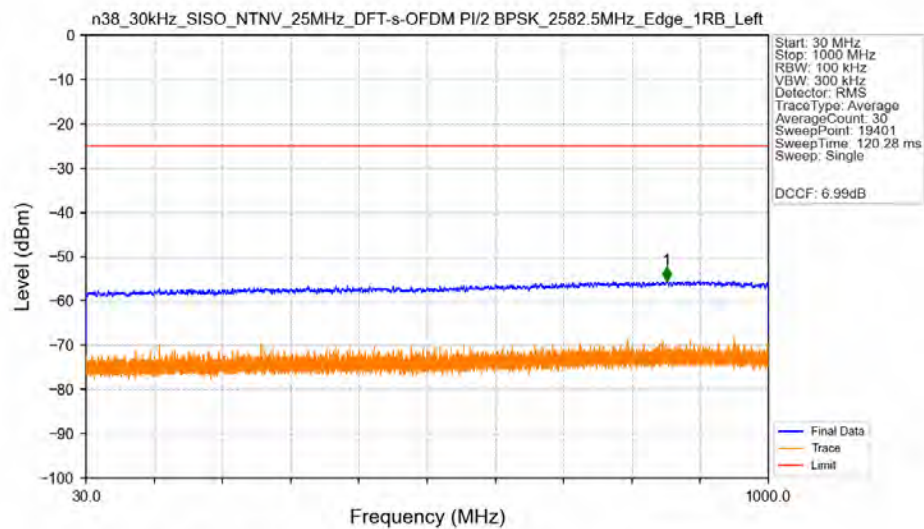


n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2582.5MHz_Edge_1RB_Left_Ant31



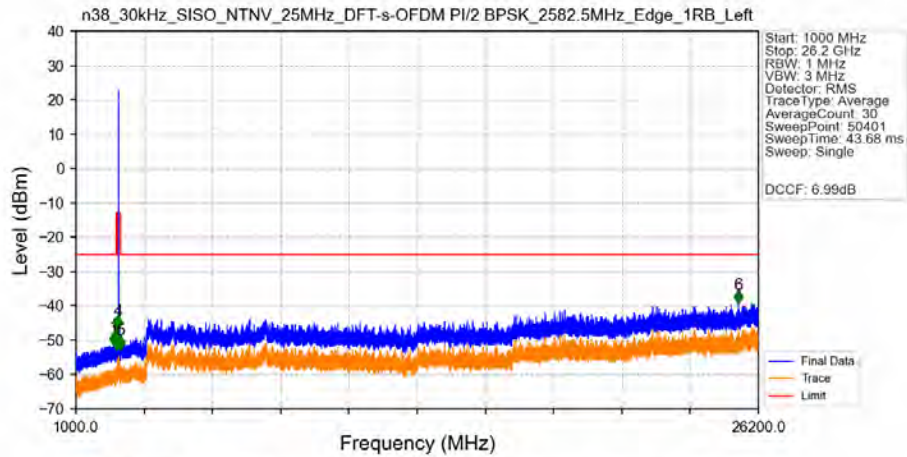
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.615	-52.65	-25	Pass
2490.5	2496	1	CHP	2	2491.630	-52.57	-13	Pass
2496	2545	1	CHP	3	2539.520	-51.90	-25	Pass
2545	2565	1	CHP	4	2559.430	-46.32	-13	Pass
2565	2569	1	CHP	5	2568.365	-38.36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

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2582.5MHz_Edge_1RB_Left_Ant31



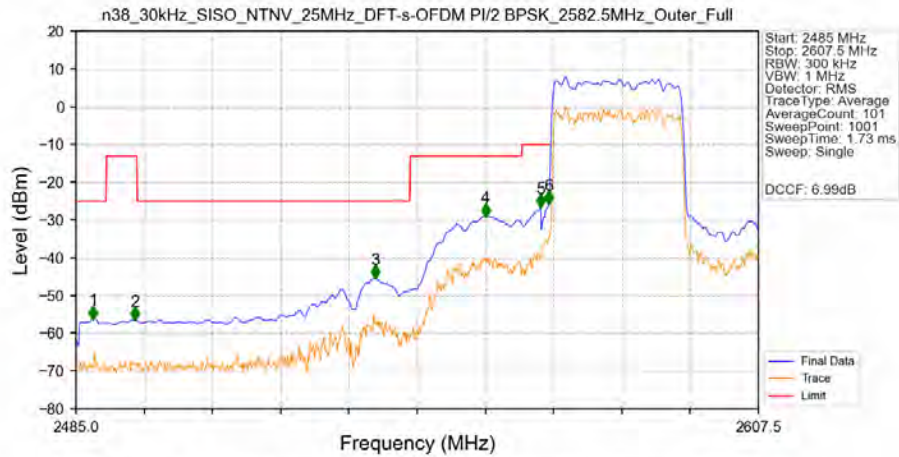
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	855.300	-55.41	-25	Pass

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



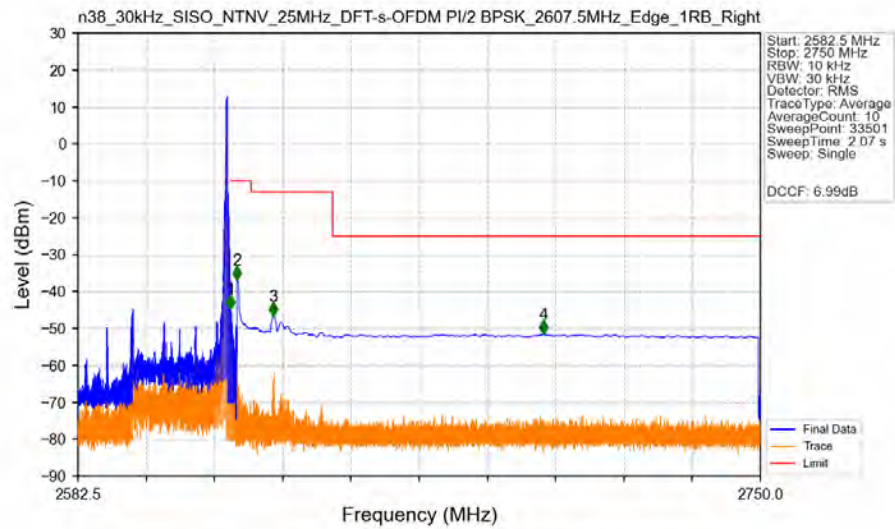
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2393.000	-51.33	-25	Pass
2490.5	2496	1	/	2	2492.500	-52.35	-13	Pass
2496	2545	1	/	3	2497.500	-50.58	-25	Pass
2545	2565	1	/	4	2562.500	-46.68	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5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

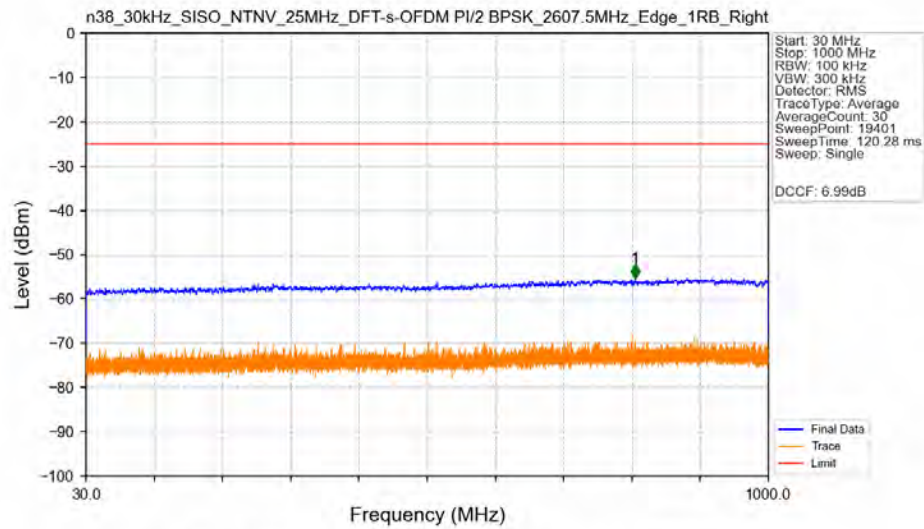


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.062	-56.10	-25	Pass
2490.5	2496	1	CHP	2	2495.535	-56.36	-13	Pass
2496	2545	1	CHP	3	2538.778	-45.28	-25	Pass
2545	2565	1	CHP	4	2558.500	-28.92	-13	Pass
2565	2569	1	CHP	5	2568.423	-26.49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

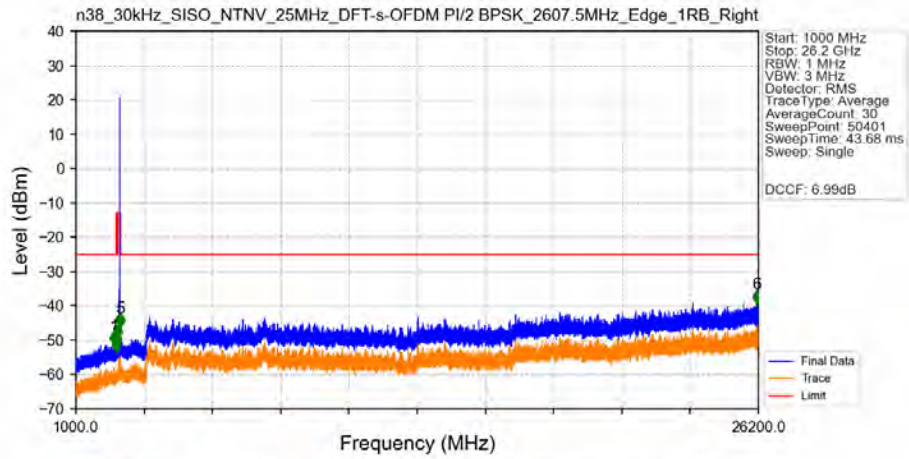
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant31



n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant31

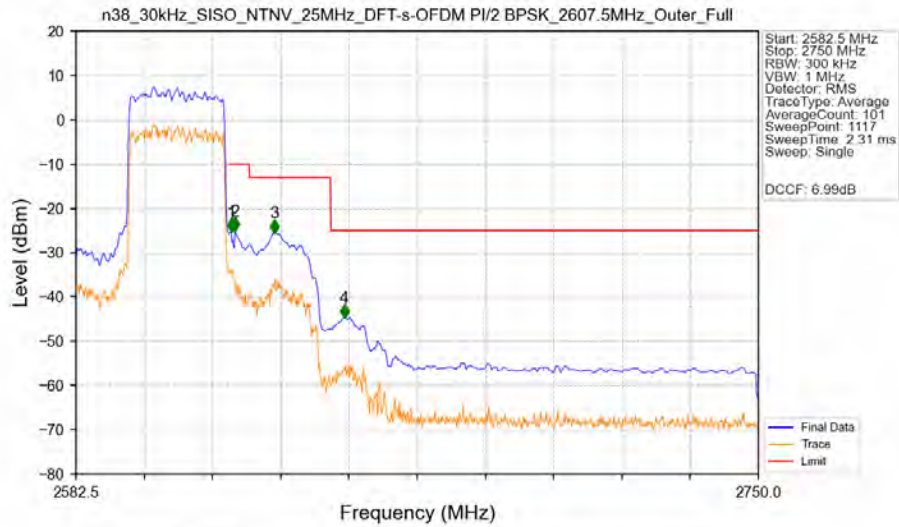


n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2607.5MHz_Edge_1RB_Right_Ant31



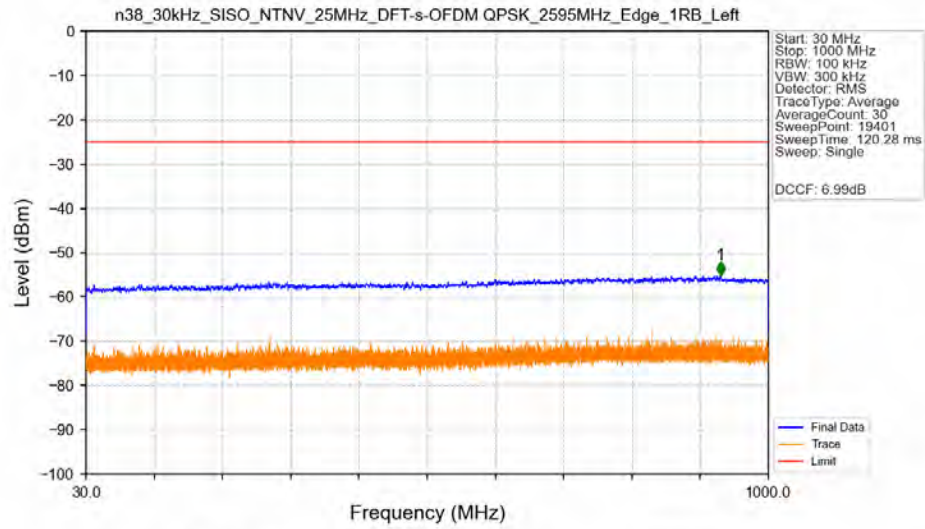
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2402.500	-51.08	-25	Pass
2490.5	2496	1	/	2	2493.000	-53.08	-13	Pass
2496	2545	1	/	3	2533.500	-51.28	-25	Pass
2545	2565	1	/	4	2563.000	-49.18	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5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

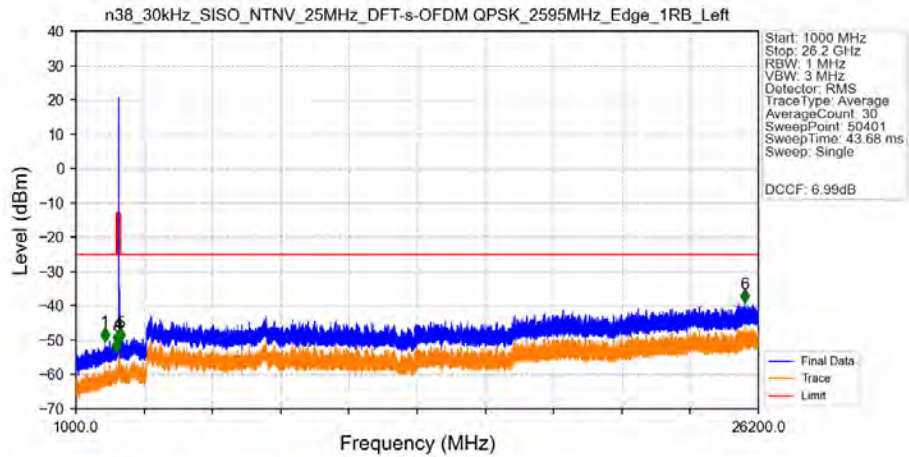


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.496	CHP	/	/	/	/	/
2620	2621	0.496	CHP	1	2620.623	-25.25	-10	Pass
2621	2625	1	CHP	2	2621.523	-25.09	-10	Pass
2625	2645	1	CHP	3	2631.129	-25.57	-13	Pass
2645	2750	1	CHP	4	2648.389	-44.70	-25	Pass

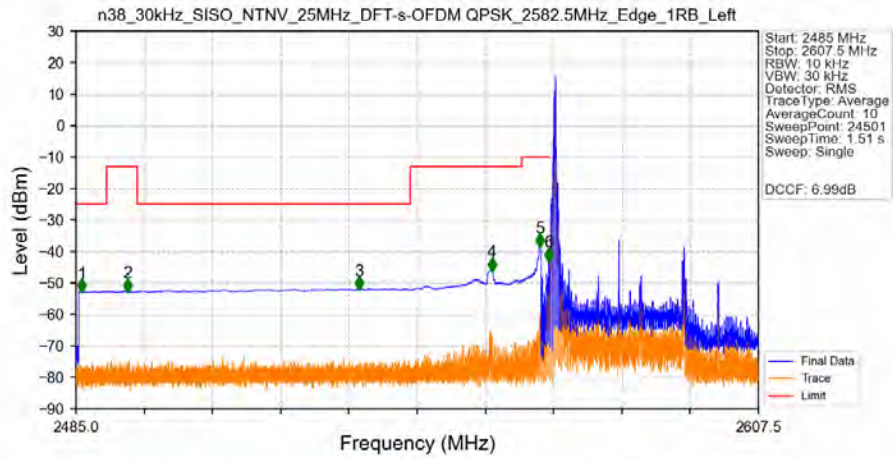
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

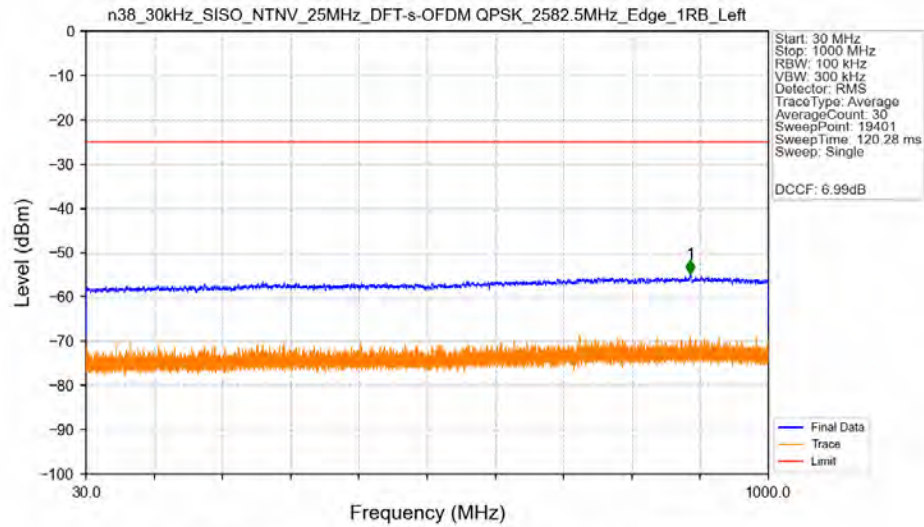


n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



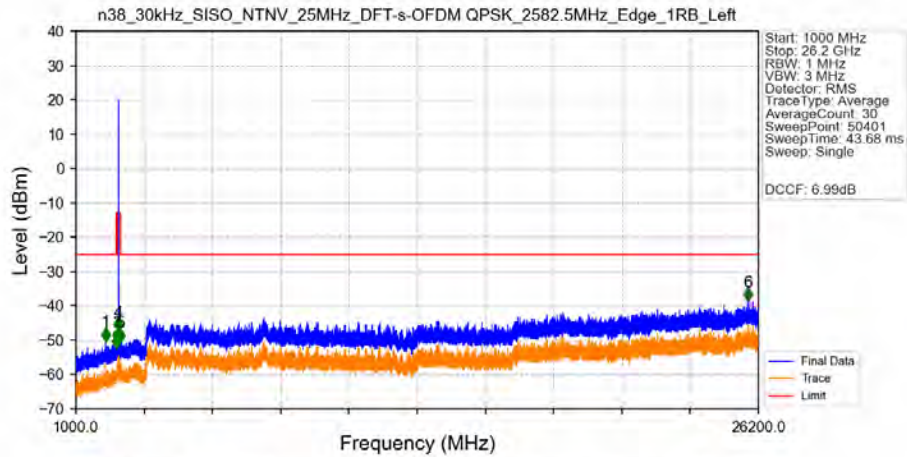
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.050	-52.62	-25	Pass
2490.5	2496	1	CHP	2	2494.245	-52.58	-13	Pass
2496	2545	1	CHP	3	2535.805	-51.93	-25	Pass
2545	2565	1	CHP	4	2559.695	-45.90	-13	Pass
2565	2569	1	CHP	5	2568.300	-38.33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



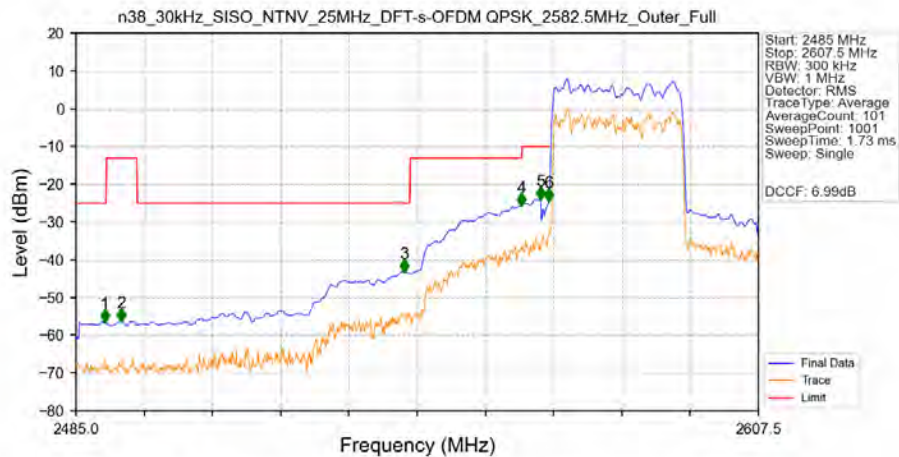
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.350	-54.69	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



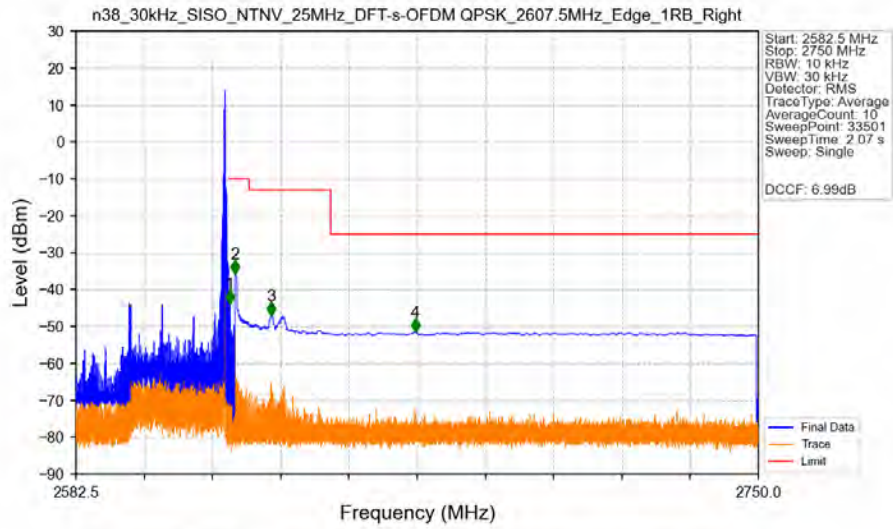
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2093.000	-50.00	-25	Pass
2490.5	2496	1	/	2	2491.000	-52.07	-13	Pass
2496	2545	1	/	3	2529.000	-50.29	-25	Pass
2545	2565	1	/	4	2557.000	-47.03	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5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



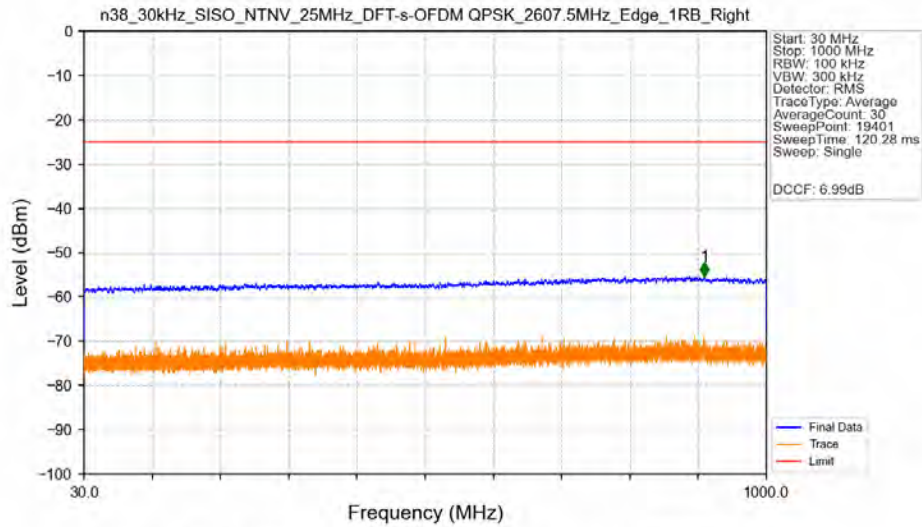
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.145	-56.41	-25	Pass
2490.5	2496	1	CHP	2	2493.085	-56.17	-13	Pass
2496	2545	1	CHP	3	2543.923	-43.13	-25	Pass
2545	2565	1	CHP	4	2564.992	-25.63	-13	Pass
2565	2569	1	CHP	5	2568.423	-23.85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



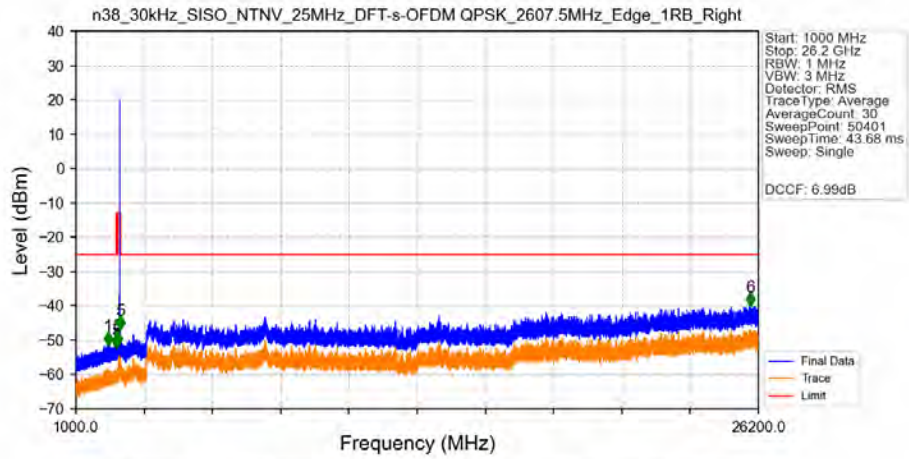
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.300	-43.92	-10	Pass
2621	2625	1	CHP	2	2621.500	-35.67	-10	Pass
2625	2645	1	CHP	3	2630.425	-47.14	-13	Pass
2645	2750	1	CHP	4	2665.760	-51.53	-25	Pass

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



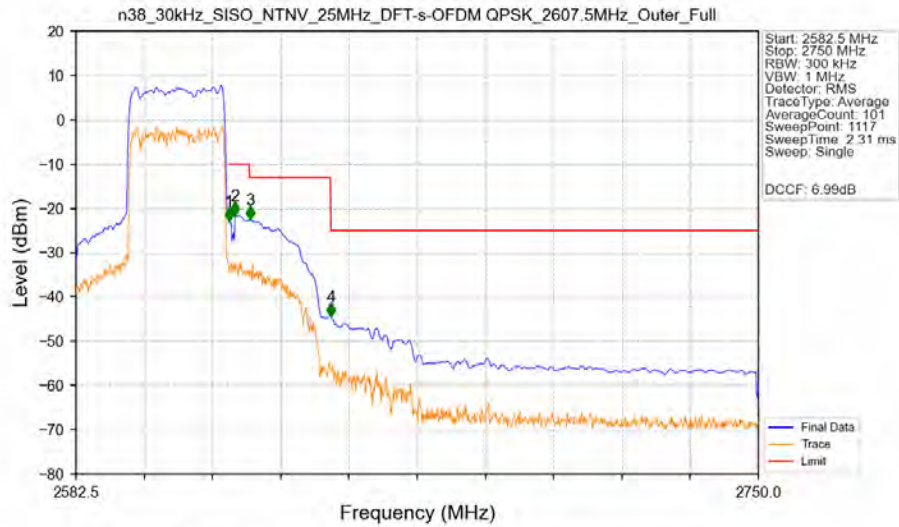
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	911.950	-55.28	-25	Pass

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



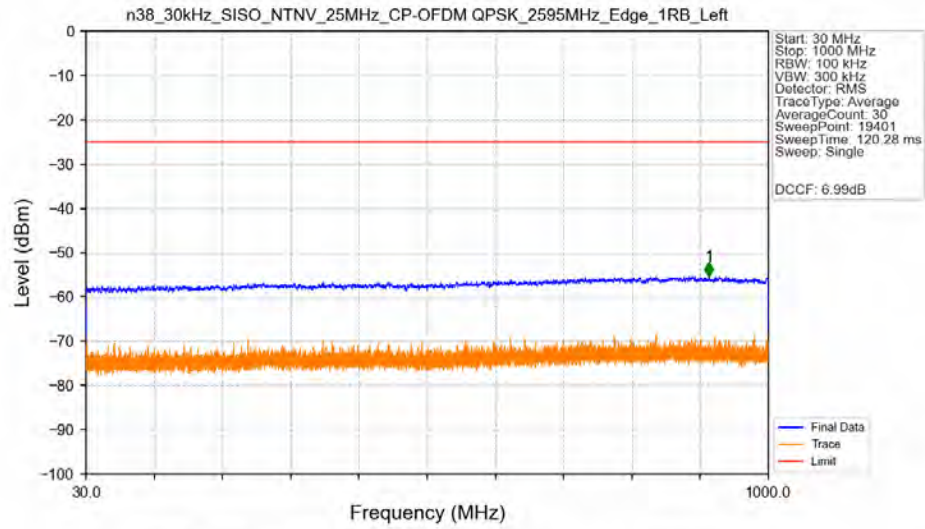
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2188.000	-51.20	-25	Pass
2490.5	2496	1	/	2	2495.000	-52.05	-13	Pass
2496	2545	1	/	3	2528.000	-51.19	-25	Pass
2545	2565	1	/	4	2548.500	-51.32	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5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

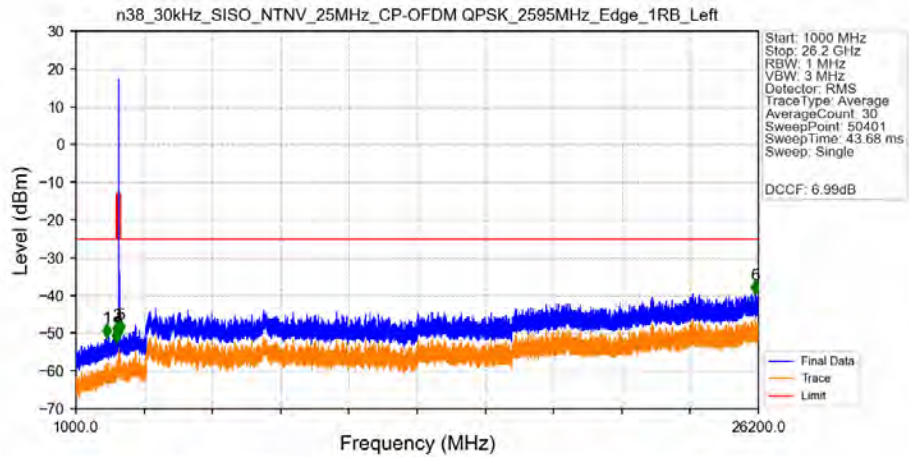


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.664	CHP	/	/	/	/	/
2620	2621	0.664	CHP	1	2620.022	-23.00	-10	Pass
2621	2625	1	CHP	2	2621.523	-21.61	-10	Pass
2625	2645	1	CHP	3	2625.276	-22.57	-13	Pass
2645	2750	1	CHP	4	2645.087	-44.42	-25	Pass

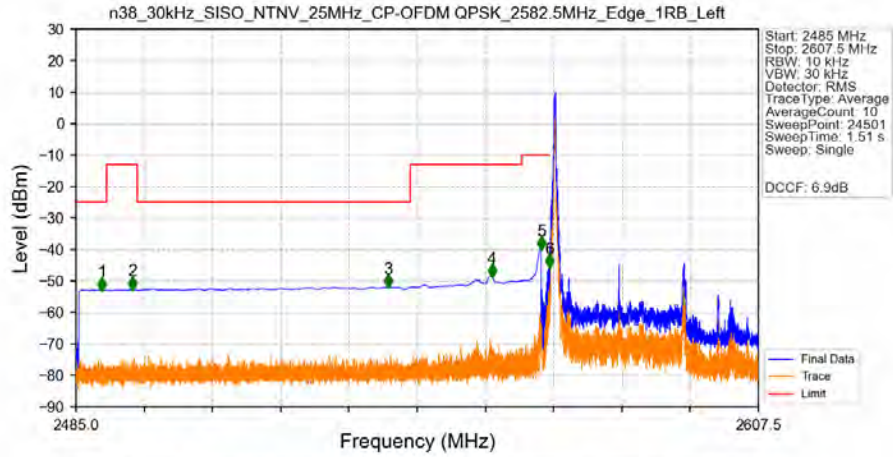
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

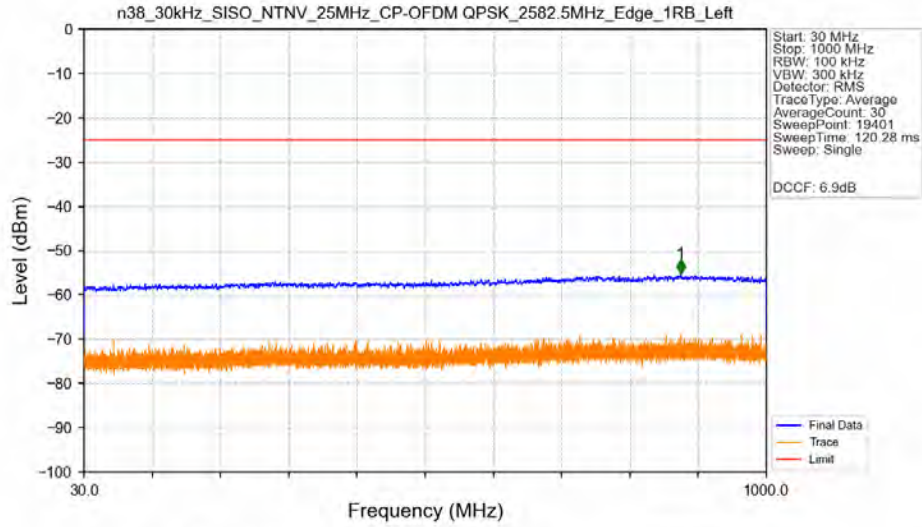


n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



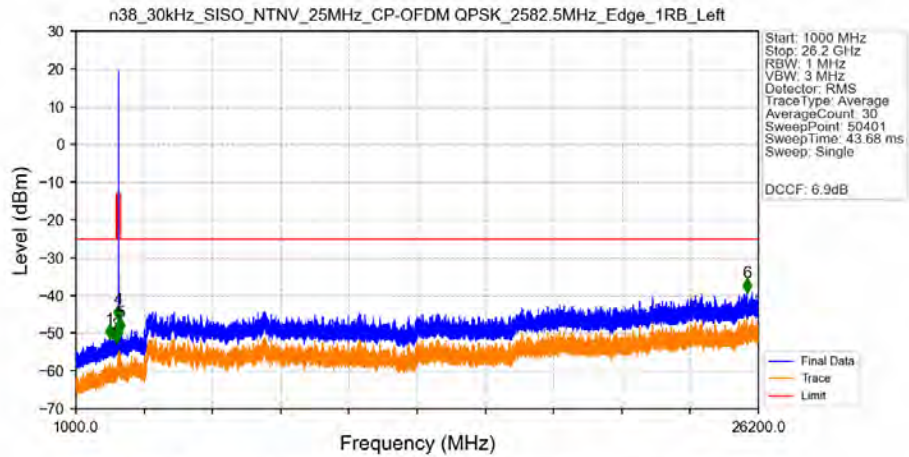
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.650	-52.80	-25	Pass
2490.5	2496	1	CHP	2	2495.105	-52.60	-13	Pass
2496	2545	1	CHP	3	2540.995	-51.95	-25	Pass
2545	2565	1	CHP	4	2559.650	-48.54	-13	Pass
2565	2569	1	CHP	5	2568.500	-39.80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



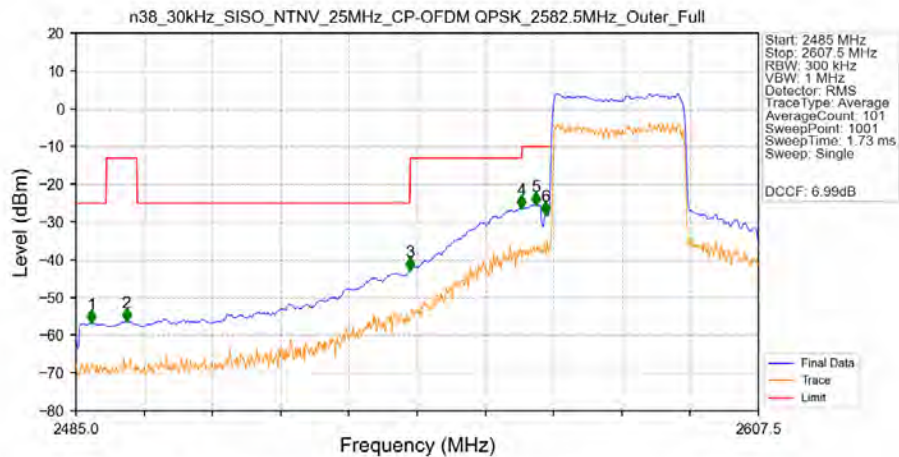
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	878.300	-55.15	25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2582.5MHz_Edge_1RB_Left_Ant31



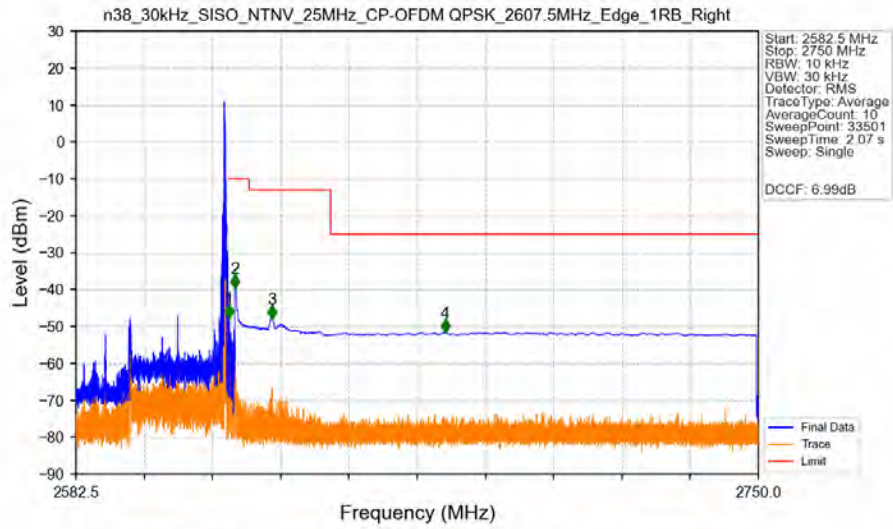
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2247.500	-51.13	-25	Pass
2490.5	2496	1	/	2	2493.000	-52.37	-13	Pass
2496	2545	1	/	3	2536.000	-51.37	-25	Pass
2545	2565	1	/	4	2559.000	-45.85	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5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



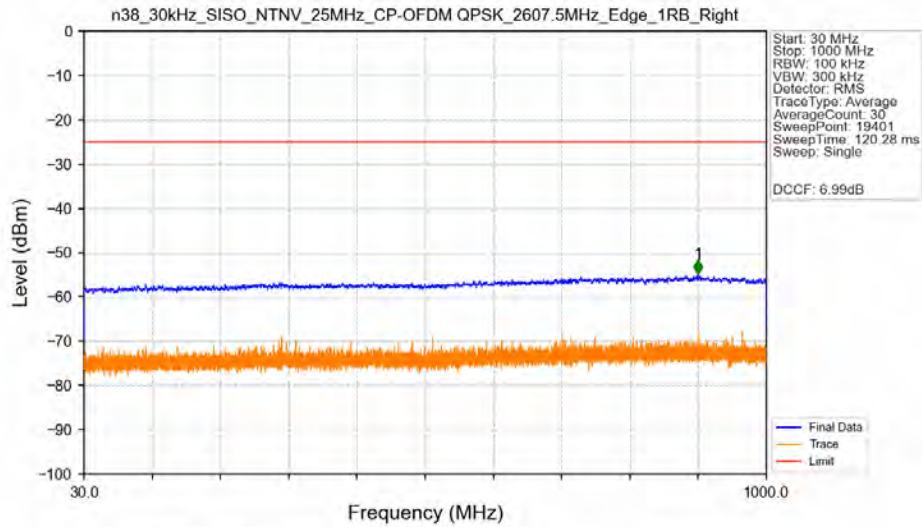
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.818	-56.68	-25	Pass
2490.5	2496	1	CHP	2	2494.065	-56.21	-13	Pass
2496	2545	1	CHP	3	2544.903	-42.79	-25	Pass
2545	2565	1	CHP	4	2564.992	-26.21	-13	Pass
2565	2569	1	CHP	5	2567.565	-25.38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



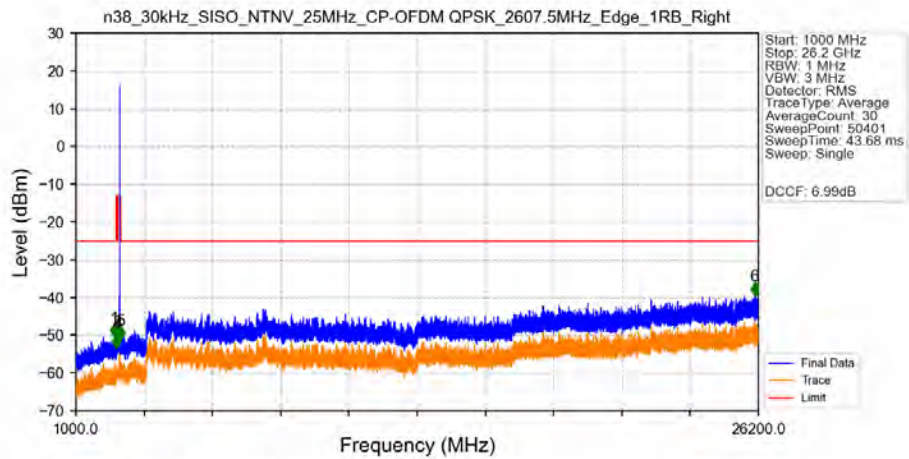
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.085	-47.69	-10	Pass
2621	2625	1	CHP	2	2621.500	-39.67	-10	Pass
2625	2645	1	CHP	3	2630.695	-47.89	-13	Pass
2645	2750	1	CHP	4	2673.095	-51.65	-25	Pass

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



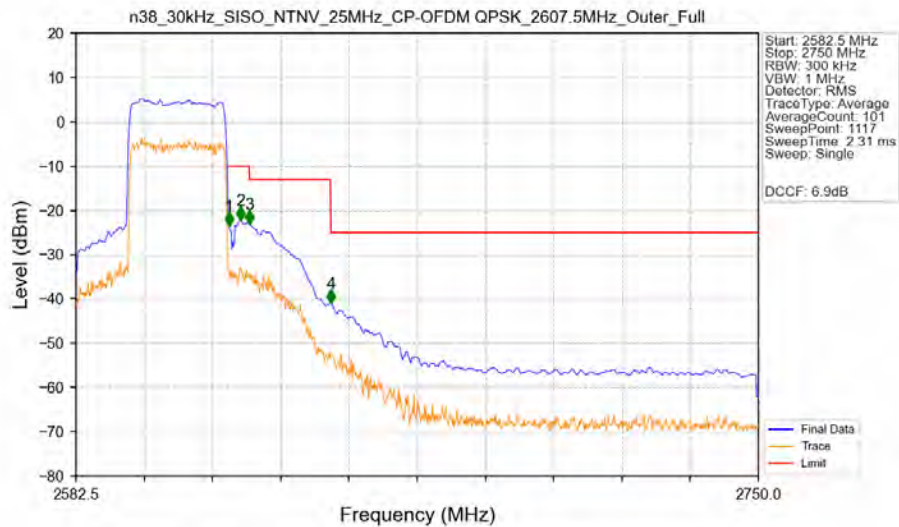
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	902.650	-54.85	-25	Pass

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2607.5MHz_Edge_1RB_Right_Ant31



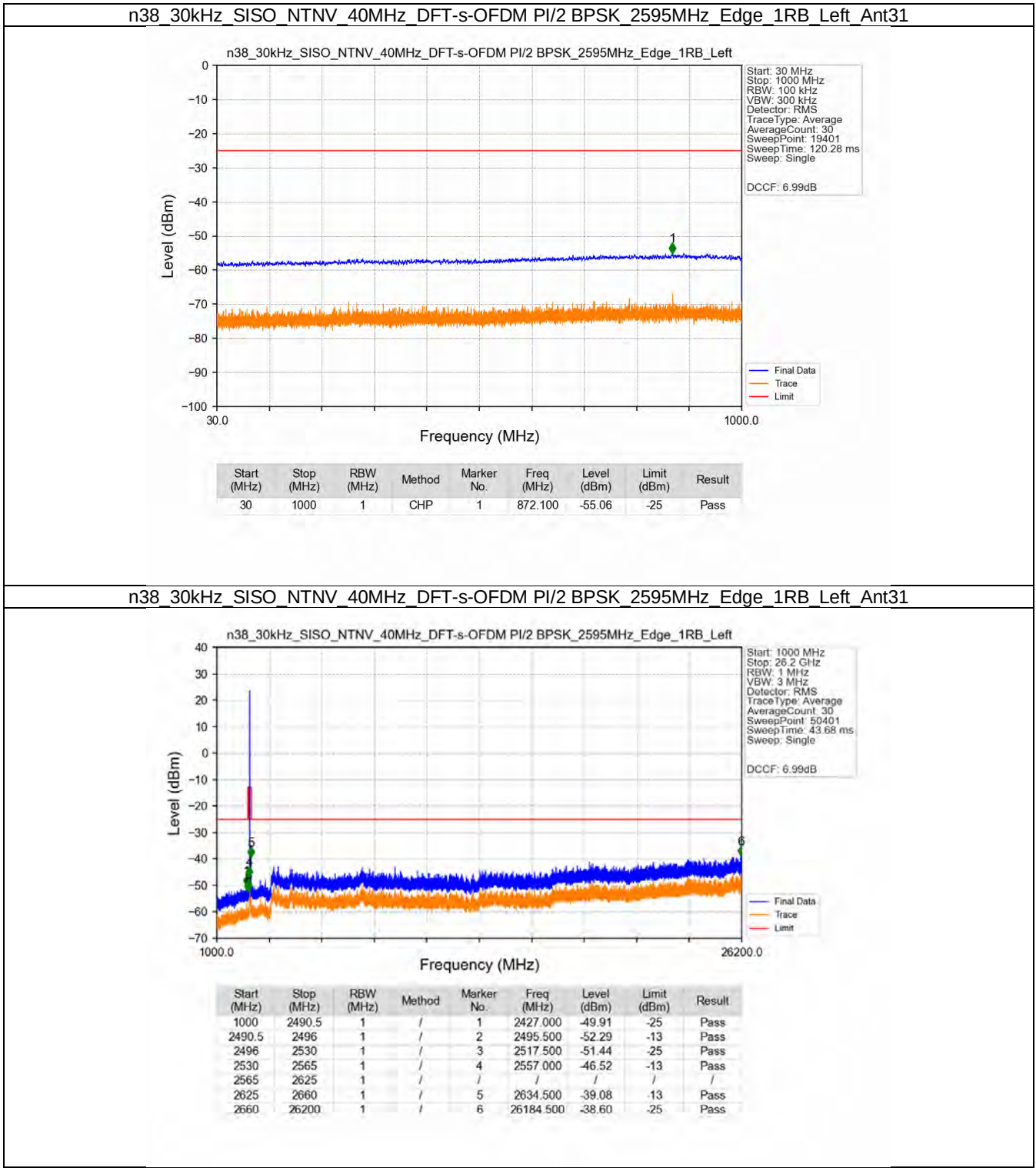
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2422.000	-50.28	-25	Pass
2490.5	2496	1	/	2	2496.000	-53.11	-13	Pass
2496	2545	1	/	3	2508.000	-51.39	-25	Pass
2545	2565	1	/	4	2562.500	-51.56	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2645	1	/	5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

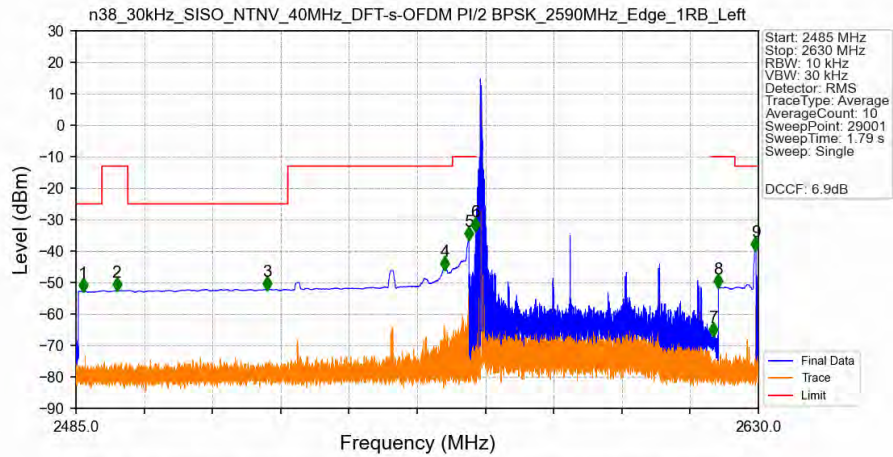


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2582.5	2620	0.664	CHP	/	/	/	/	/
2620	2621	0.664	CHP	1	2620.022	-23.50	-10	Pass
2621	2625	1	CHP	2	2622.874	-22.20	-10	Pass
2625	2645	1	CHP	3	2625.125	-23.16	-13	Pass
2645	2750	1	CHP	4	2645.087	-41.01	-25	Pass

5.2.3 30k_SISO_40MHz_NTNV

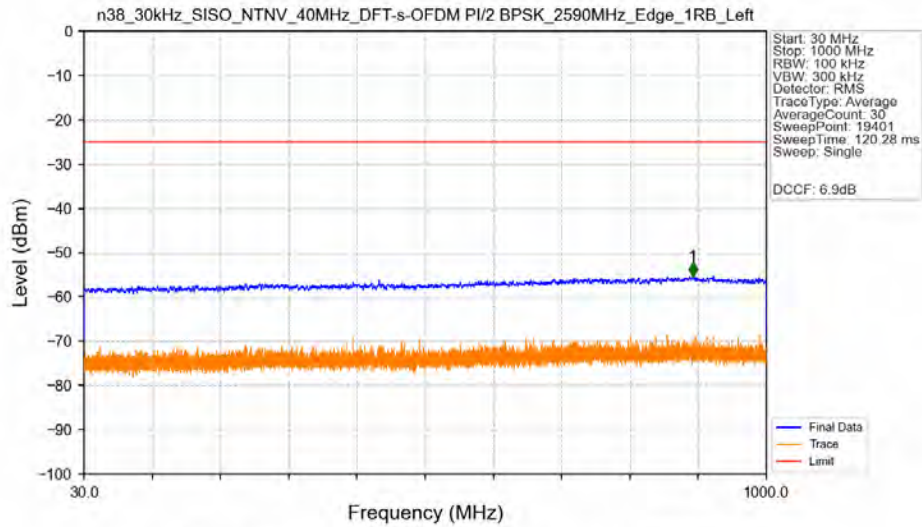


n38 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 2590MHz Edge 1RB Left Ant31



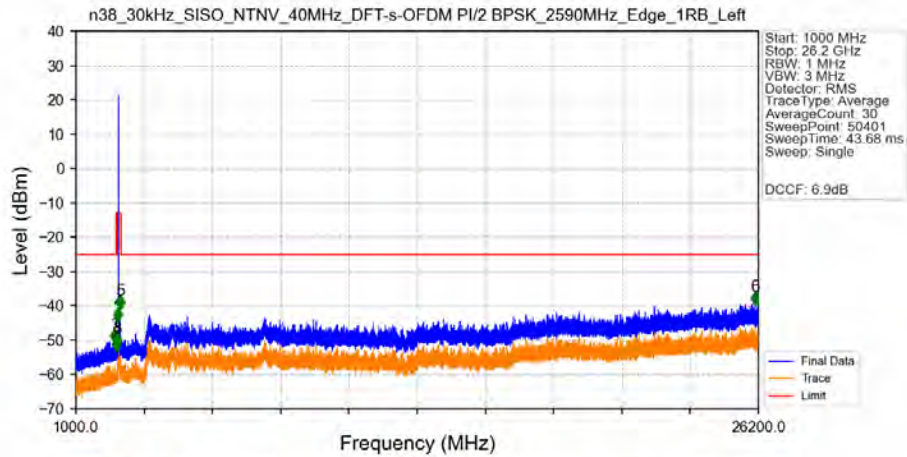
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.480	-52.67	-25	Pass
2490.5	2496	1	CHP	2	2493.665	-52.51	-13	Pass
2496	2530	1	CHP	3	2525.690	-52.14	-25	Pass
2530	2565	1	CHP	4	2563.410	-45.70	-13	Pass
2565	2569	1	CHP	5	2568.500	-36.38	-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



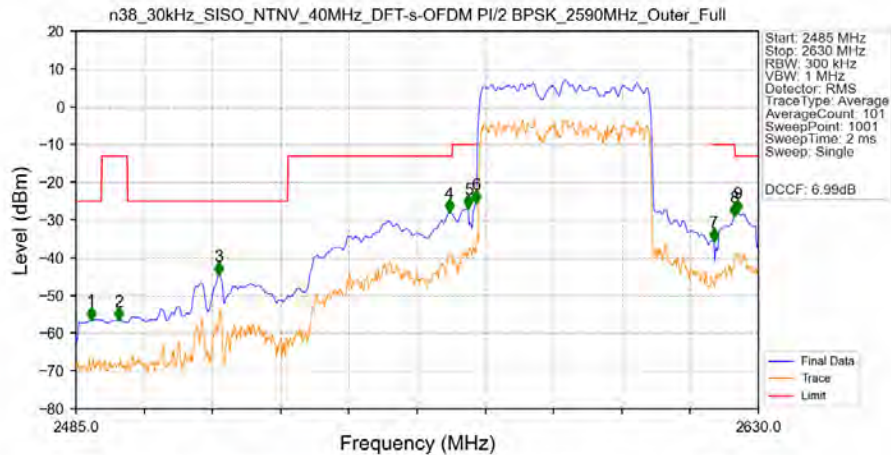
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	895.250	-55.26	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Edge_1RB_Left_Ant31



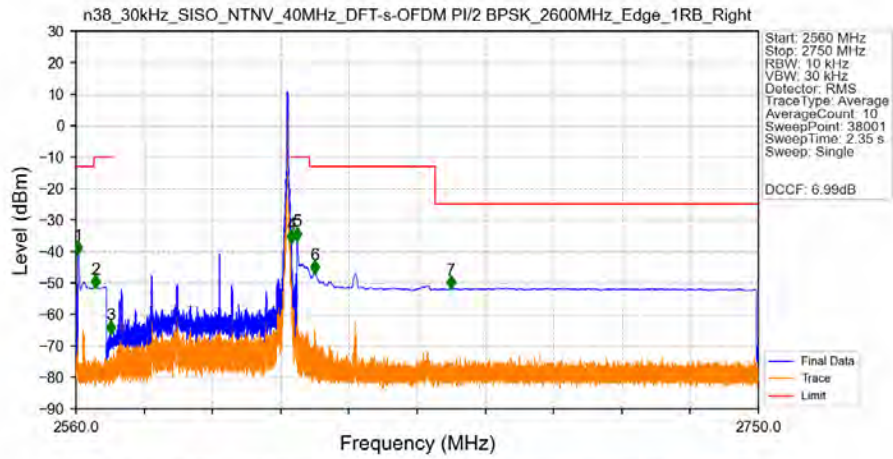
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2442.000	-50.30	-25	Pass
2490.5	2496	1	/	2	2495.000	-52.96	-13	Pass
2496	2530	1	/	3	2526.000	-51.79	-25	Pass
2530	2565	1	/	4	2563.000	-44.18	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5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



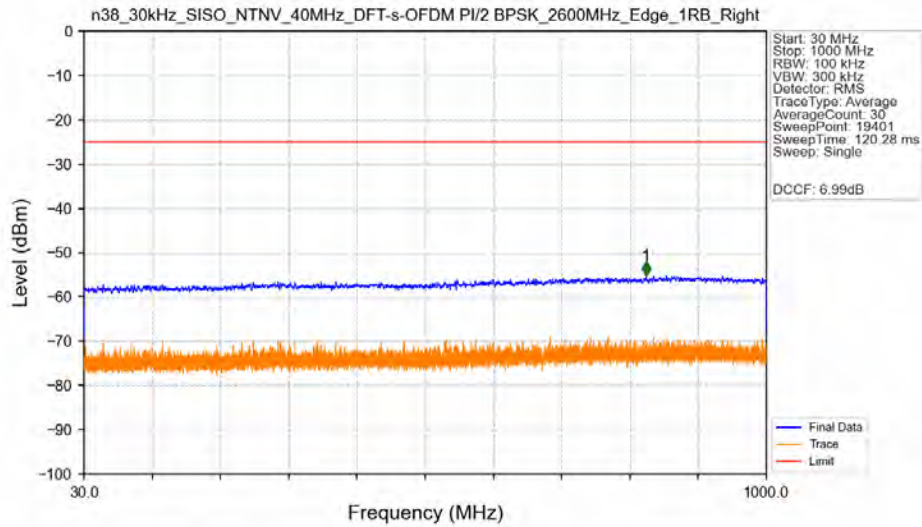
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.190	-56.28	-25	Pass
2490.5	2496	1	CHP	2	2494.135	-56.33	-13	Pass
2496	2530	1	CHP	3	2515.305	-44.48	-25	Pass
2530	2565	1	CHP	4	2564.315	-27.80	-13	Pass
2565	2569	1	CHP	5	2568.375	-26.64	-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



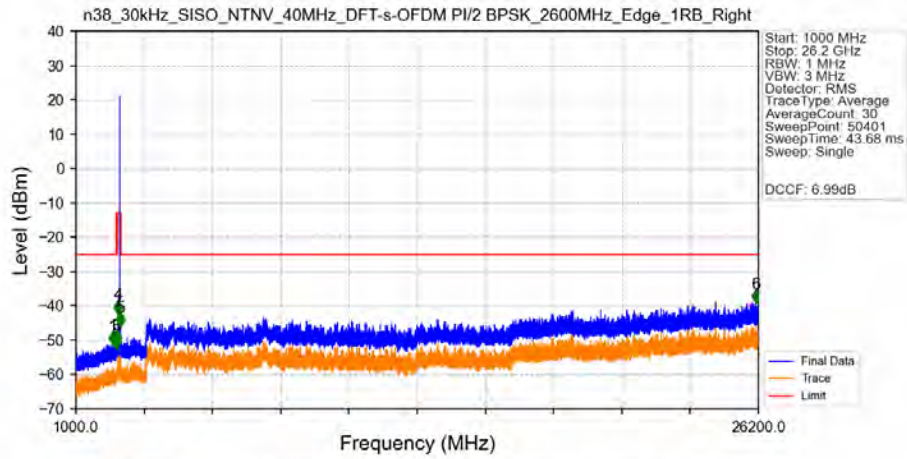
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.500	-40.64	-13	Pass
2565	2569	1	CHP	2	2565.370	-51.35	-10	Pass
2569	2570	0.02	CHP	3	2569.750	-65.88	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.060	-37.06	-10	Pass
2621	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



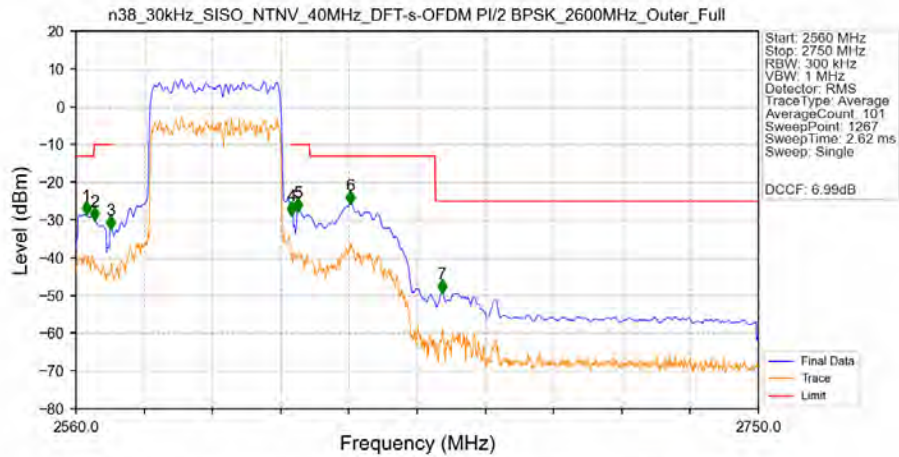
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	829.000	-55.13	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Edge_1RB_Right_Ant31



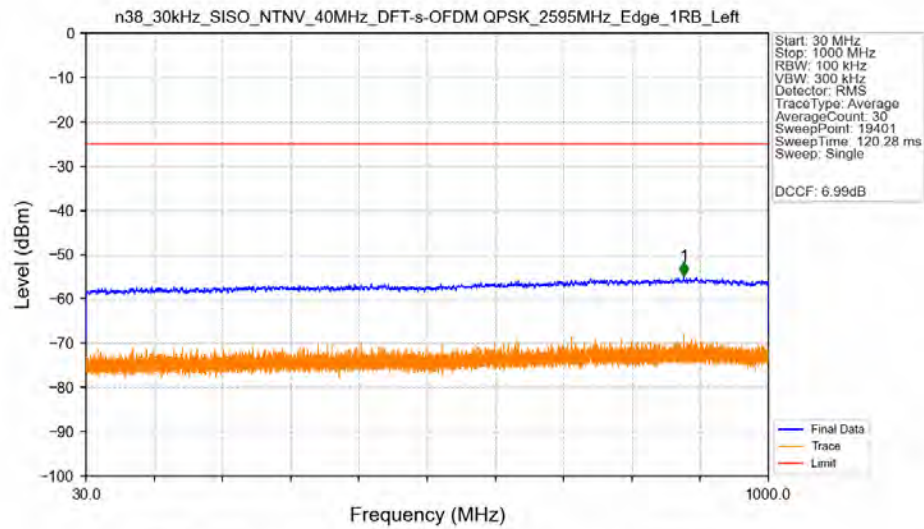
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2369.500	-51.03	-25	Pass
2490.5	2496	1	/	2	2493.500	-52.29	-13	Pass
2496	2530	1	/	3	2520.500	-50.89	-25	Pass
2530	2565	1	/	4	2560.500	-42.04	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5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



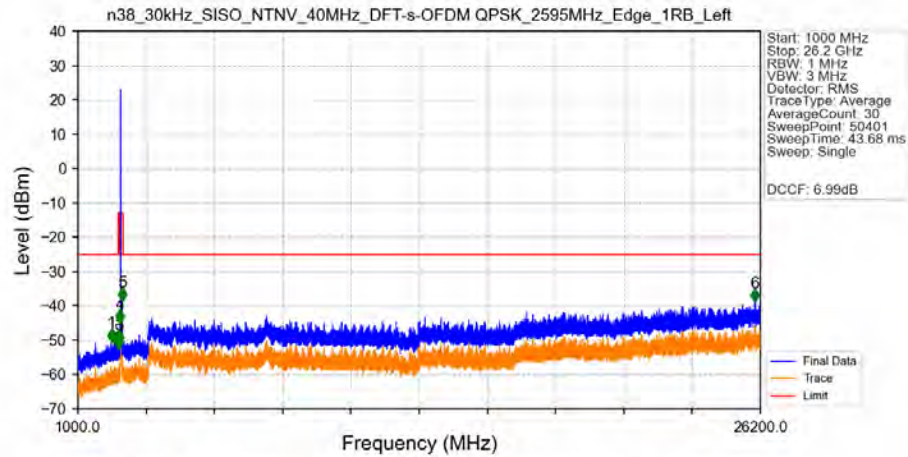
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2562.852	-28.42	-13	Pass
2565	2569	1	CHP	2	2565.103	-29.92	-10	Pass
2569	2570	0.776	CHP	3	2569.755	-32.25	-10	Pass
2570	2620	0.776	CHP	/	/	/	/	/
2620	2621	0.776	CHP	4	2620.032	-28.53	-10	Pass
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



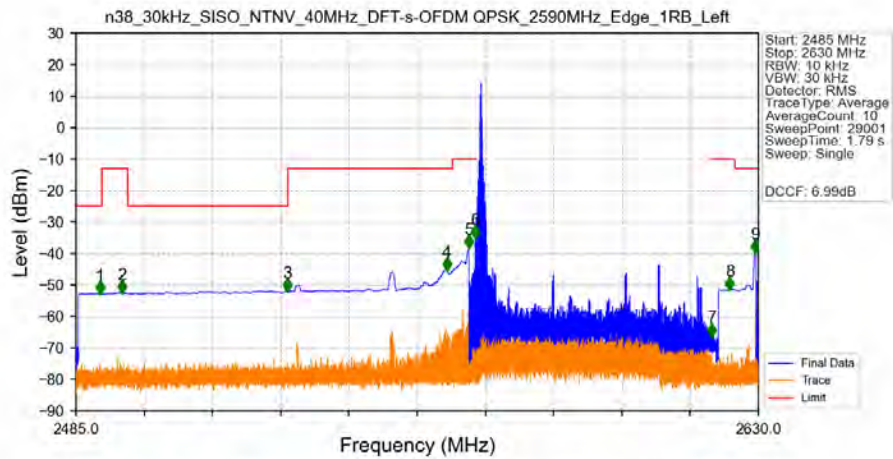
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	879.800	-54.85	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



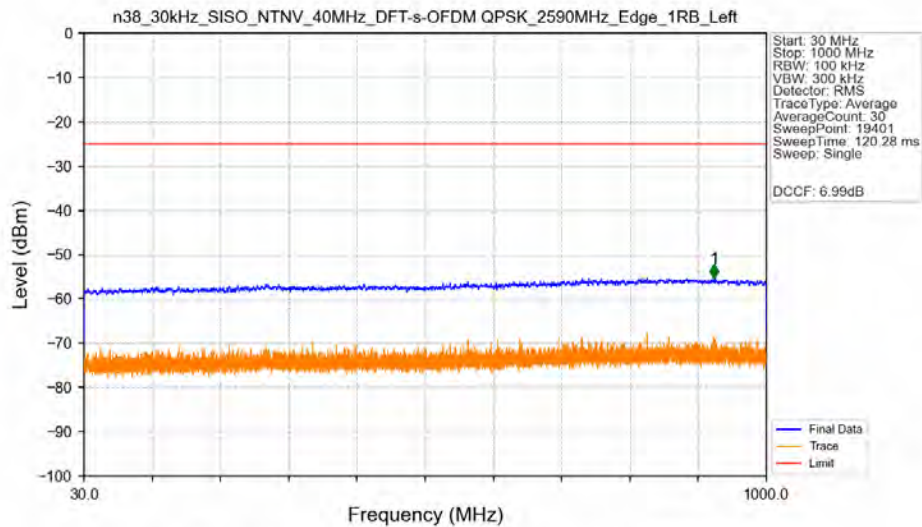
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2237.000	-50.24	-25	Pass
2490.5	2496	1	/	2	2491.500	-52.29	-13	Pass
2496	2530	1	/	3	2513.000	-50.78	-25	Pass
2530	2565	1	/	4	2557.000	-44.80	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5	2634.500	-38.39	-13	Pass
2660	26200	1	/	6	25986.500	-38.71	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant31



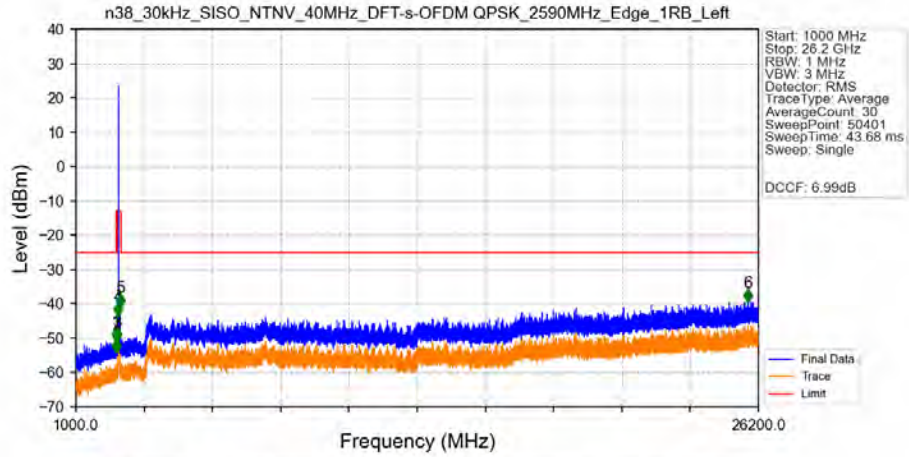
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.140	-52.65	-25	Pass
2490.5	2496	1	CHP	2	2494.725	-52.38	-13	Pass
2496	2530	1	CHP	3	2529.840	-51.88	-25	Pass
2530	2565	1	CHP	4	2563.805	-45.19	-13	Pass
2565	2569	1	CHP	5	2568.425	-38.05	-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



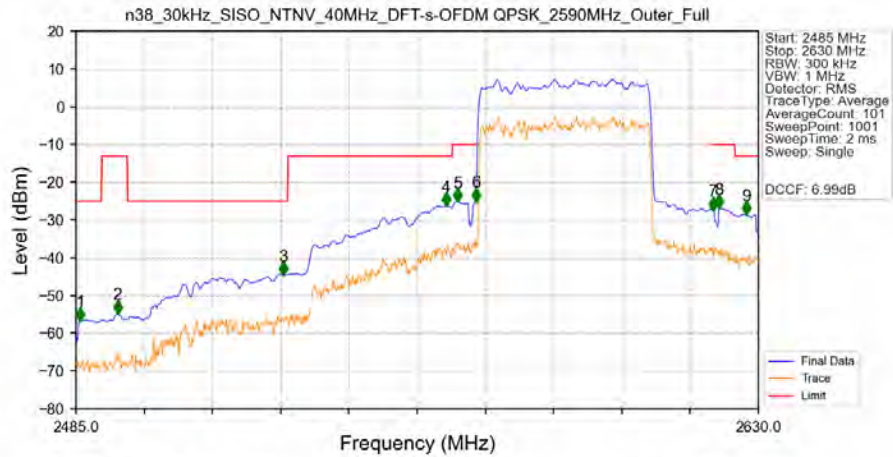
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	925.900	-55.28	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant31



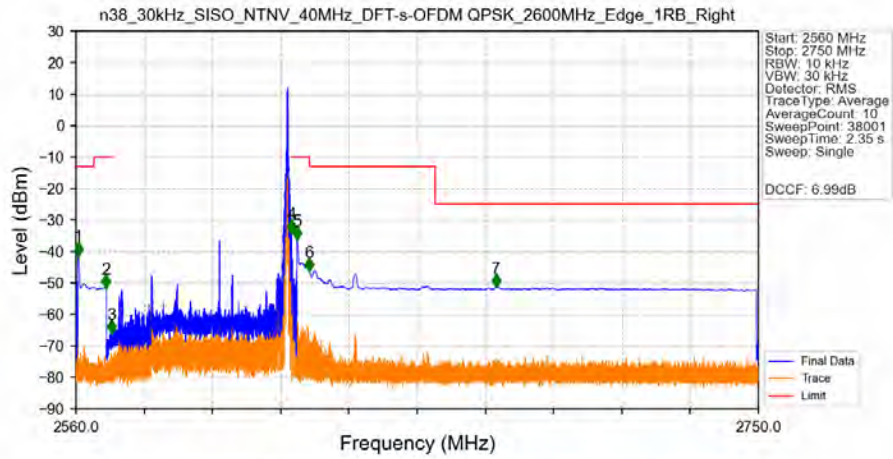
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2476.500	-50.49	-25	Pass
2490.5	2496	1	/	2	2495.500	-53.85	-13	Pass
2496	2530	1	/	3	2519.500	-50.55	-25	Pass
2530	2565	1	/	4	2563.500	-43.18	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5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



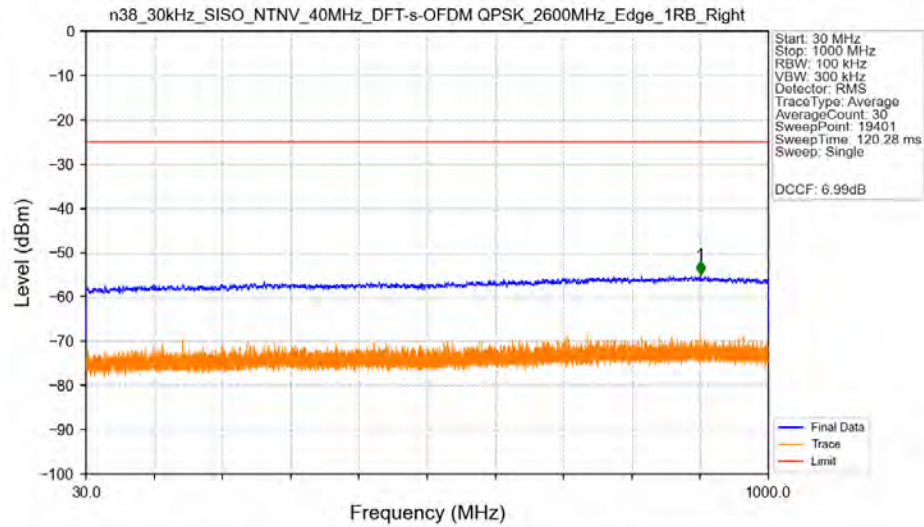
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.870	-56.49	-25	Pass
2490.5	2496	1	CHP	2	2493.845	-54.60	-13	Pass
2496	2530	1	CHP	3	2529.080	-44.44	-25	Pass
2530	2565	1	CHP	4	2563.590	-26.05	-13	Pass
2565	2569	1	CHP	5	2566.055	-24.97	-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



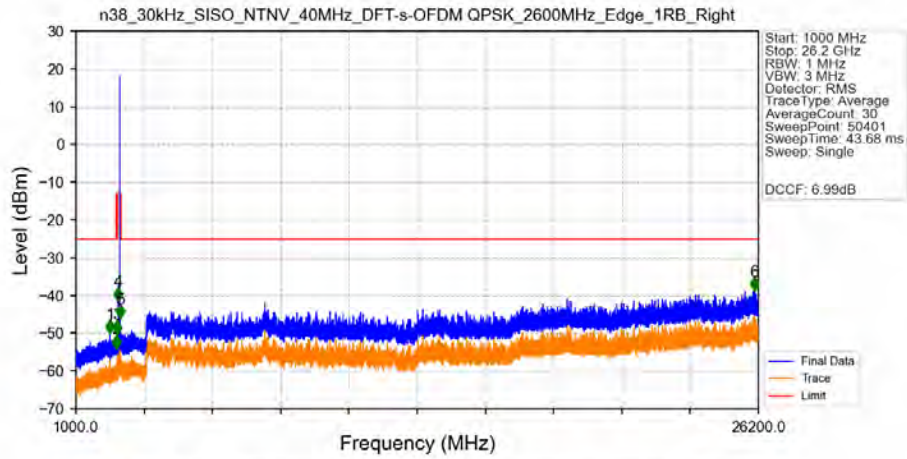
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.640	-41.05	-13	Pass
2565	2569	1	CHP	2	2568.420	-51.43	-10	Pass
2569	2570	0.02	CHP	3	2569.825	-65.80	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.010	-33.87	-10	Pass
2621	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



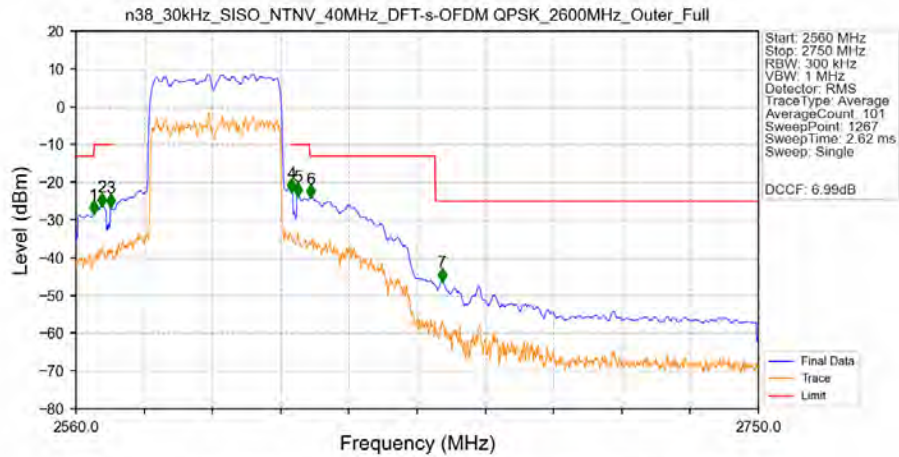
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	903.650	-54.99	-25	Pass

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Edge_1RB_Right_Ant31



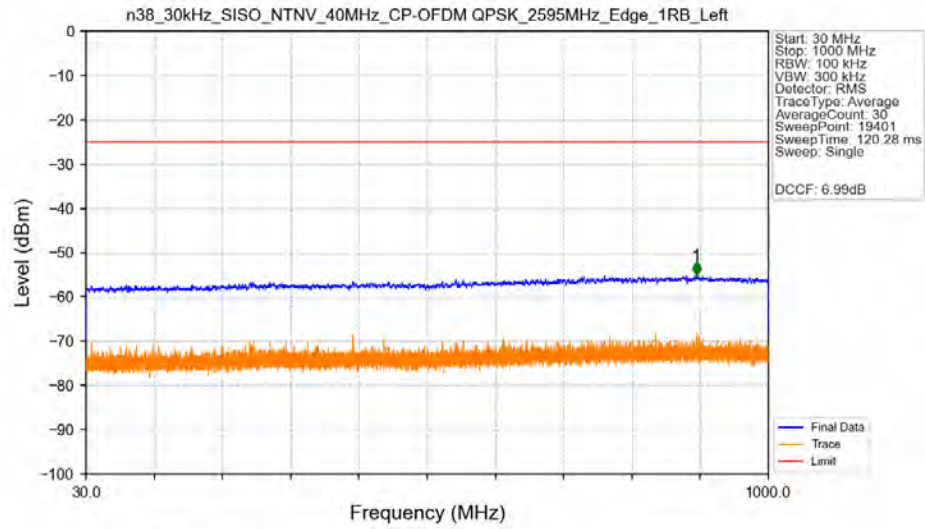
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2253.500	-49.83	-25	Pass
2490.5	2496	1	/	2	2491.500	-53.74	-13	Pass
2496	2530	1	/	3	2525.000	-49.91	-25	Pass
2530	2565	1	/	4	2560.500	-41.18	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5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

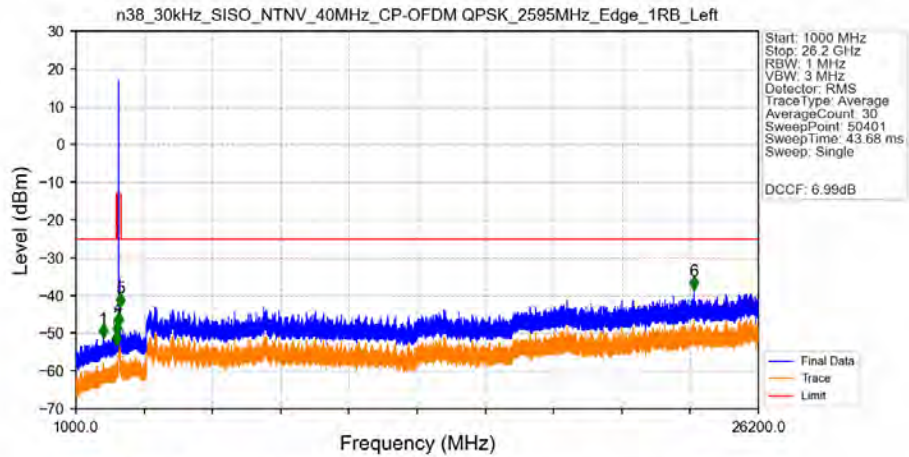


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2564.953	-28.23	-13	Pass
2565	2569	1	CHP	2	2567.204	-26.19	-10	Pass
2569	2570	1.08	CHP	3	2569.605	-26.36	-10	Pass
2570	2620	1.08	CHP	/	/	/	/	/
2620	2621	1.08	CHP	4	2620.032	-22.41	-10	Pass
2621	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

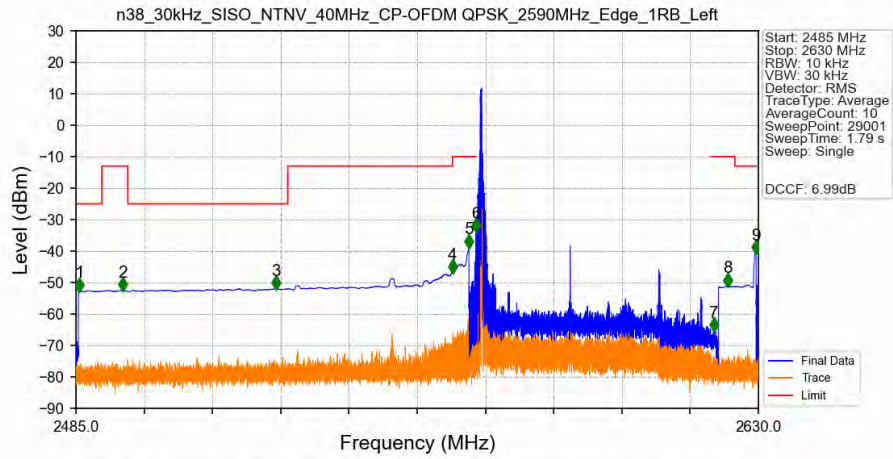
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant31

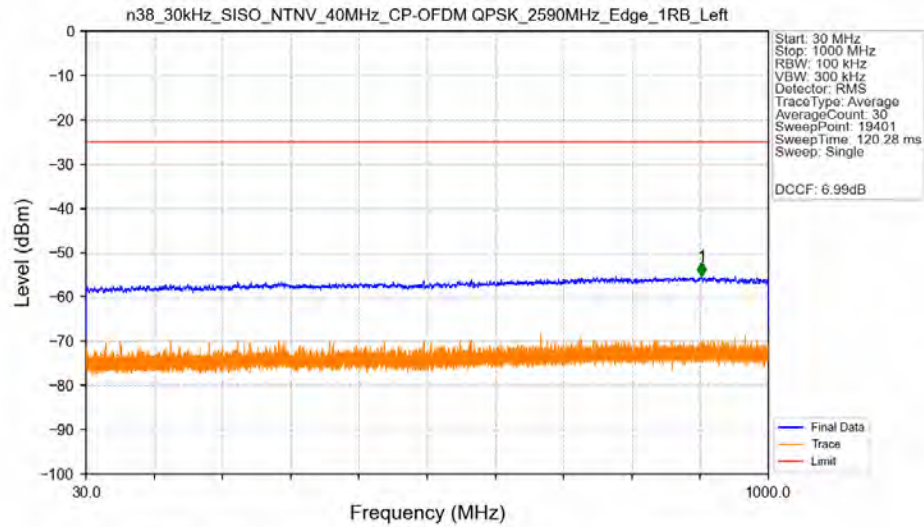


n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant31



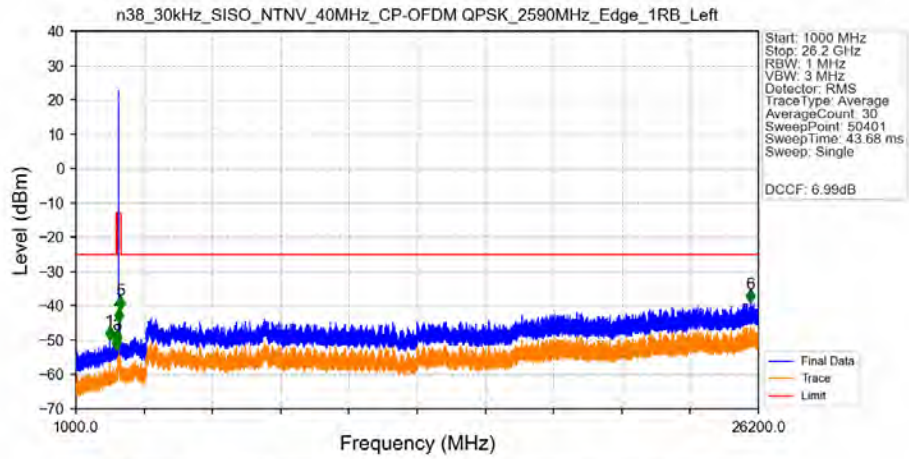
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.725	-52.61	-25	Pass
2490.5	2496	1	CHP	2	2494.985	-52.51	-13	Pass
2496	2530	1	CHP	3	2527.495	-51.93	-25	Pass
2530	2565	1	CHP	4	2564.975	-46.87	-13	Pass
2565	2569	1	CHP	5	2568.500	-38.70	-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_NTNV_40MHz_CP-OFDM_QPSK_2590MHz_Edge_1RB_Left_Ant31



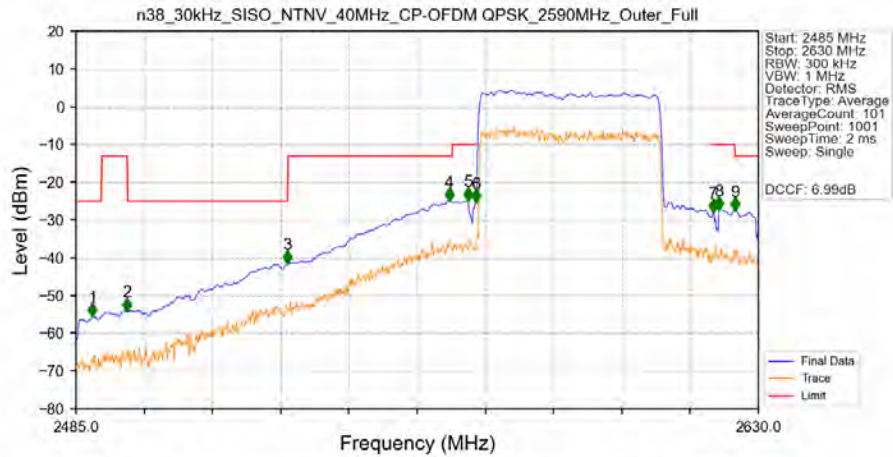
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	905.350	-55.37	-25	Pass

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



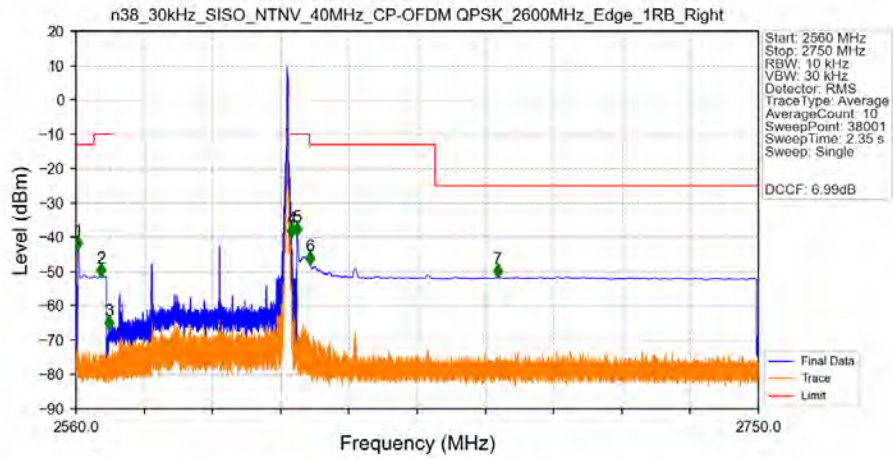
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2246.000	-49.76	-25	Pass
2490.5	2496	1	/	2	2492.000	-52.50	-13	Pass
2496	2530	1	/	3	2522.500	-50.91	-25	Pass
2530	2565	1	/	4	2564.500	-44.54	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2660	1	/	5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



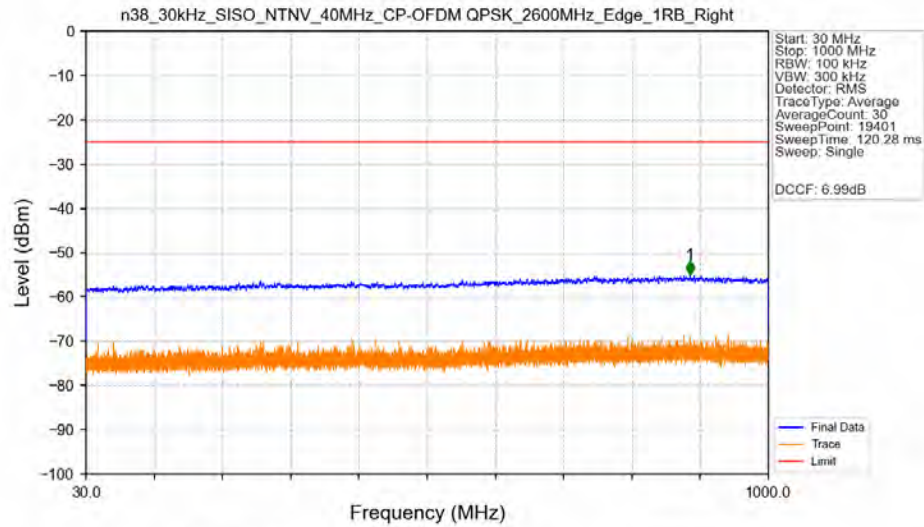
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.480	-55.36	-25	Pass
2490.5	2496	1	CHP	2	2495.875	-53.92	-13	Pass
2496	2530	1	CHP	3	2529.950	-41.34	-25	Pass
2530	2565	1	CHP	4	2564.315	-24.72	-13	Pass
2565	2569	1	CHP	5	2568.230	-24.65	-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



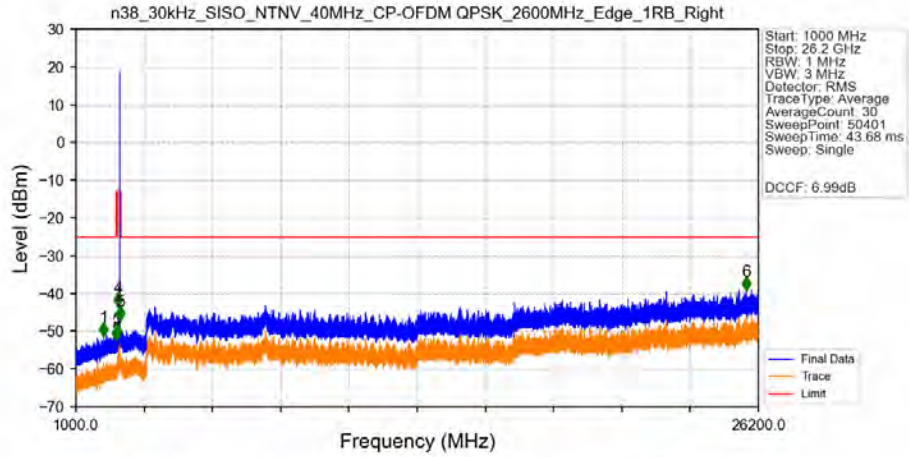
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2565	1	CHP	1	2560.500	-43.30	-13	Pass
2565	2569	1	CHP	2	2566.950	-51.31	-10	Pass
2569	2570	0.02	CHP	3	2569.135	-66.58	-10	Pass
2570	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	4	2620.005	-39.82	-10	Pass
2621	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



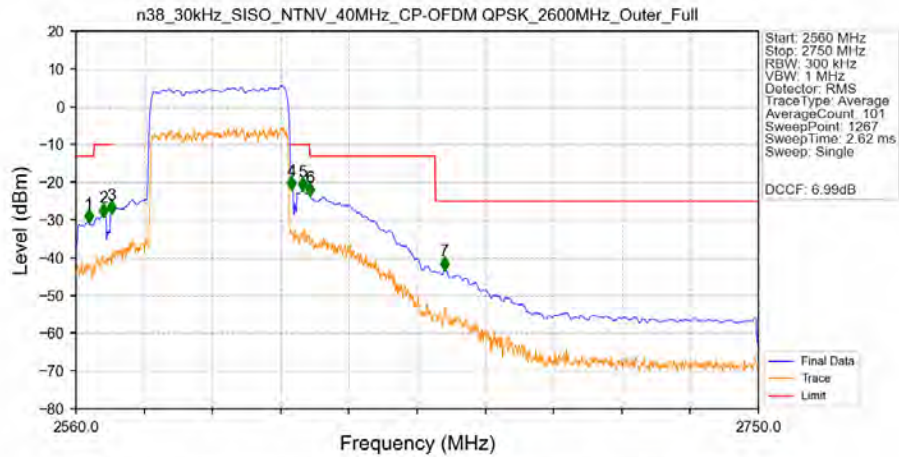
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	888.850	-54.87	-25	Pass

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